

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
 Data File : BF099004.D
 Acq On : 2 Oct 2017 17:21
 Operator : SJ/JU
 Sample : I5534-03MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-114-1(10-16)MSD

Manual Integrations
 APPROVED

Quant Time: Oct 03 12:01:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	146892	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	589694	20.00	ng	-0.02
38) Acenaphthene-d10	9.95	164	253611	20.00	ng	-0.02
63) Phenanthrene-d10	11.43	188	401652	20.00	ng	-0.02
75) Chrysene-d12	14.07	240	242039	20.00	ng	-0.02
86) Perylene-d12	15.56	264	246074	20.00	ng	-0.02

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System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	974624	105.62	ng	0.00
7) Phenol-d6	6.53	99	1173029	103.05	ng	-0.01
23) Nitrobenzene-d5	7.47	82	717292	78.01	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	207069	99.78	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1130379	74.41	ng	-0.02
78) Terphenyl-d14	13.01	244	763883	71.77	ng	-0.02

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	135468	30.733	ng	97
3) Pyridine	3.55	79	380856	31.940	ng	97
4) n-Nitrosodimethylamine	3.50	42	167593	33.145	ng	93
6) Aniline	6.57	93	404940	26.358	ng	97
8) 2-Chlorophenol	6.69	128	350497	33.541	ng	95
9) Benzaldehyde	6.46	77	178883	27.091	ng	94
10) Phenol	6.55	94	451765	35.486	ng	99
11) bis(2-Chloroethyl)ether	6.64	93	342542	34.611	ng	99
12) 1,3-Dichlorobenzene	6.85	146	364738	33.328	ng	98
13) 1,4-Dichlorobenzene	6.92	146	372641	33.467	ng	98
14) 1,2-Dichlorobenzene	7.07	146	343899	33.426	ng	99
15) Benzyl Alcohol	7.05	79	294389	35.253	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.17	45	514428	33.362	ng	98
17) 2-Methylphenol	7.15	107	291524	34.095	ng	98
18) Hexachloroethane	7.42	117	129281	32.302	ng	97
19) n-Nitroso-di-n-propylamine	7.32	70	233199	32.087	ng	94
20) 3+4-Methylphenols	7.30	107	351646	32.510	ng	# 83
22) Acetophenone	7.31	105	474753	33.229	ng	# 98
24) Nitrobenzene	7.49	77	357716	34.294	ng	97
25) Isophorone	7.72	82	657121	34.565	ng	99
26) 2-Nitrophenol	7.80	139	189775	37.834	ng	96
27) 2,4-Dimethylphenol	7.83	122	320868	33.873	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	423828	35.773	ng	99
29) 2,4-Dichlorophenol	8.04	162	277838	34.162	ng	99
30) 1,2,4-Trichlorobenzene	8.13	180	282344	34.710	ng	98
31) Naphthalene	8.21	128	983382	35.507	ng	99
33) 4-Chloroaniline	8.25	127	273954	23.687	ng	99
34) Hexachlorobutadiene	8.32	225	140004	33.416	ng	98
35) Caprolactam	8.62	113	75647m	28.996	ng	
36) 4-Chloro-3-methylphenol	8.73	107	287144	31.411	ng	95
37) 2-Methylnaphthalene	8.90	142	657269	36.506	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	249082	32.933	ng	99
40) Hexachlorocyclopentadiene	9.05	237	229859	66.501	ng	99
42) 2,4,6-Trichlorophenol	9.17	196	178307	33.278	ng	99

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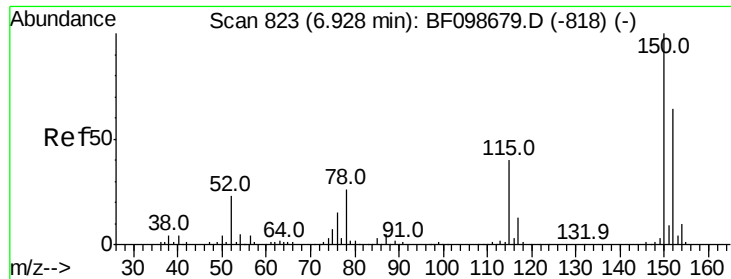
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-114-1(10-16)MSD

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.22	196	182969	34.208	nq	96
45) 1,1'-Biphenyl	9.36	154	730736	33.526	nq	100
46) 2-Chloronaphthalene	9.39	162	572841	35.004	nq	99
47) 2-Nitroaniline	9.49	65	177132	35.349	nq	95
48) Acenaphthylene	9.80	152	865135	34.533	nq	100
49) Dimethylphthalate	9.66	163	824553	43.077	nq	100
50) 2,6-Dinitrotoluene	9.73	165	145390	34.889	nq	88
51) Acenaphthene	9.98	154	515980	32.514	nq	99
52) 3-Nitroaniline	9.89	138	134244	27.628	nq	97
53) 2,4-Dinitrophenol	10.00	184	9768	10.002	nq	94
54) Dibenzofuran	10.15	168	760423	35.989	nq	99
55) 4-Nitrophenol	10.05	139	205327	49.976	nq	94
56) 2,4-Dinitrotoluene	10.13	165	186444	34.474	nq	96
57) Fluorene	10.49	166	573413	33.764	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	123344	33.382	nq	97
59) Diethylphthalate	10.36	149	606548	32.429	nq	100
60) 4-Chlorophenyl-phenylether	10.48	204	252282	33.070	nq	99
61) 4-Nitroaniline	10.51	138	144474	30.820	nq	92
62) Azobenzene	10.64	77	593910	34.535	nq	98
64) 4,6-Dinitro-2-methylphenol	10.54	198	43333	17.732	nq	# 77
65) n-Nitrosodiphenylamine	10.60	169	513721	36.920	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	143118	36.403	nq	97
67) Hexachlorobenzene	11.04	284	140864	33.547	nq	97
68) Atrazine	11.12	200	146716	35.046	nq	99
69) Pentachlorophenol	11.23	266	118198	45.229	nq	98
70) Phenanthrene	11.46	178	869940	40.464	nq	99
71) Anthracene	11.51	178	793935	36.091	nq	100
72) Carbazole	11.66	167	713050	33.101	nq	99
73) Di-n-butylphthalate	11.98	149	846994m	32.666	nq	
74) Fluoranthene	12.64	202	800580	36.774	nq	99
76) Benzidine	12.76	184	292294	32.651	nq	97
77) Pyrene	12.87	202	778753	42.194	nq	99
79) Butylbenzylphthalate	13.48	149	303157	34.950	nq	98
80) Benzo(a)anthracene	14.06	228	555357	37.893	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	134965	25.120	nq	98
82) Chrysene	14.10	228	507324	36.359	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	421579	35.297	nq	99
84) Di-n-octyl phthalate	14.65	149	699045	36.348	nq	97
85) Indeno(1,2,3-cd)pyrene	17.07	276	593987	53.216	nq	97
87) Benzo(b)fluoranthene	15.12	252	511948	33.837	nq	97
88) Benzo(k)fluoranthene	15.15	252	486115	32.530	nq	99
89) Benzo(a)pyrene	15.50	252	496691	35.764	nq	97
90) Dibenzo(a,h)anthracene	17.09	278	480819	43.261	nq	97
91) Benzo(g,h,i)perylene	17.53	276	508572	46.291	nq	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed



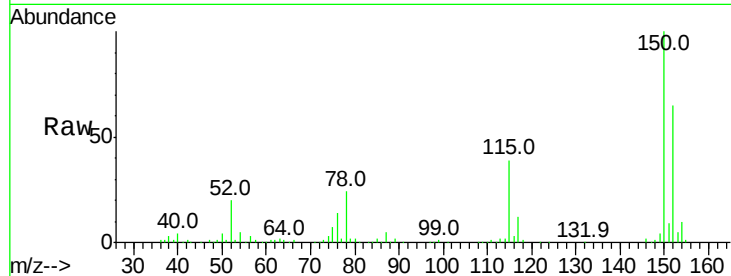
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

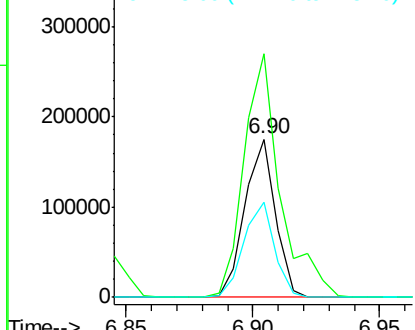
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	59.7	50.1	75.1

Manual Integrations
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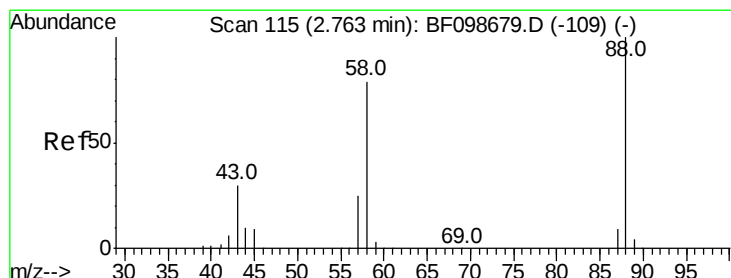
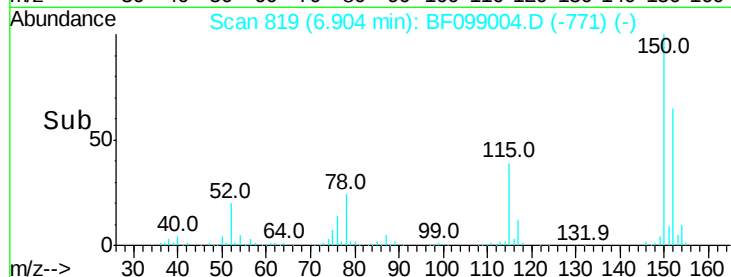


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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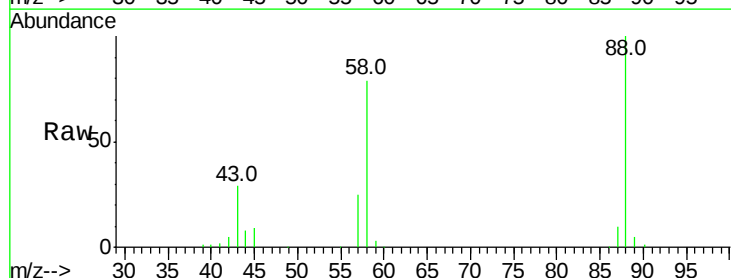
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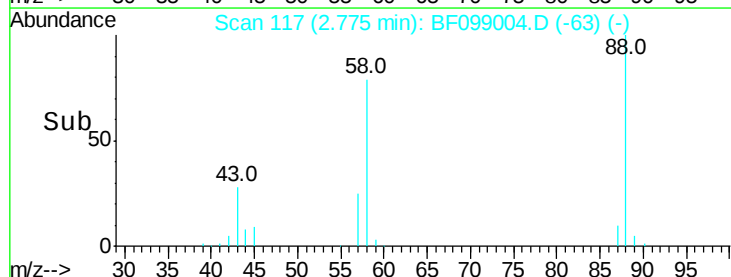
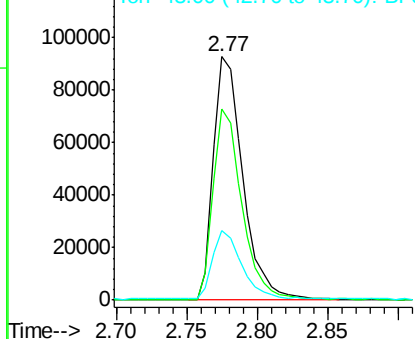
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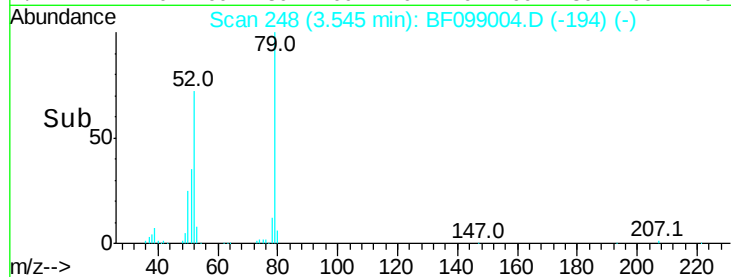
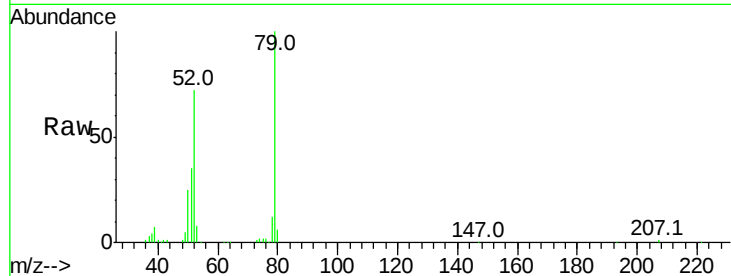
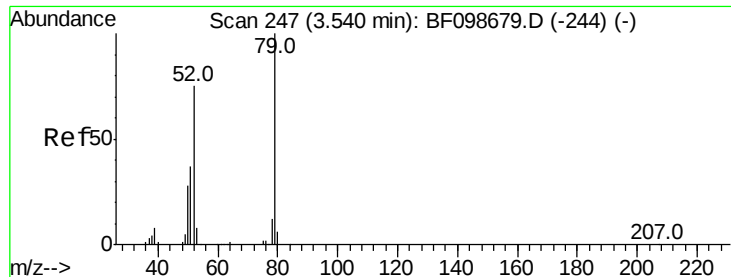
1,4-Dioxane
Concen: 30.733 ng
RT: 2.77 min Scan# 117
Delta R.T. 0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.9	62.6	93.8
43	27.5	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0



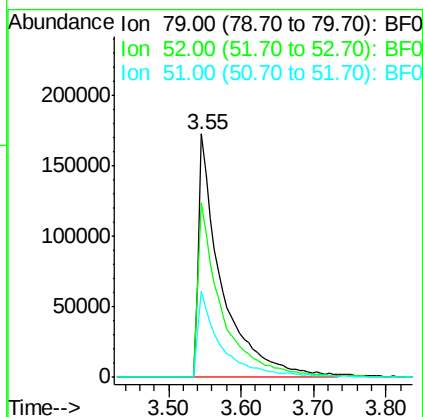


#3
Pvridine
Concen: 31.940 ng
RT: 3.55 min Scan# 248
Delta R.T. 0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	71.7	59.8		89.6	
51	35.4	29.8		44.8	

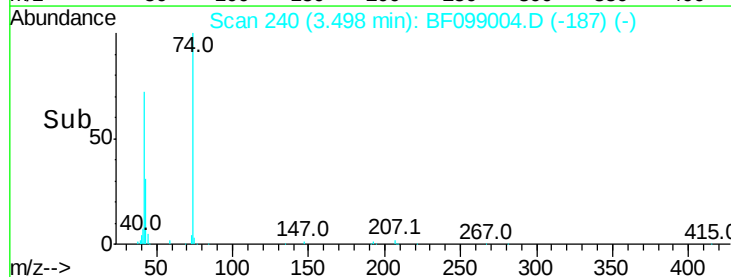
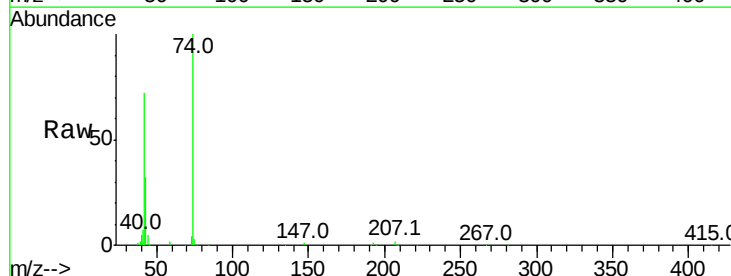
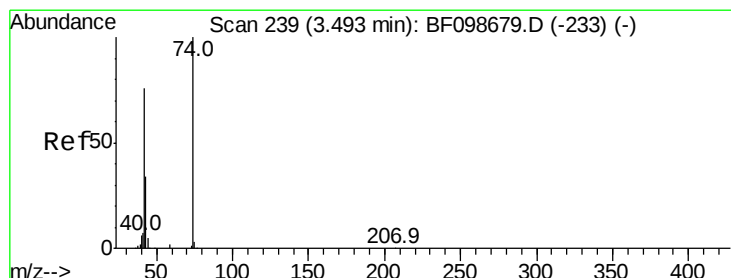
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MSD

Manual Integrations
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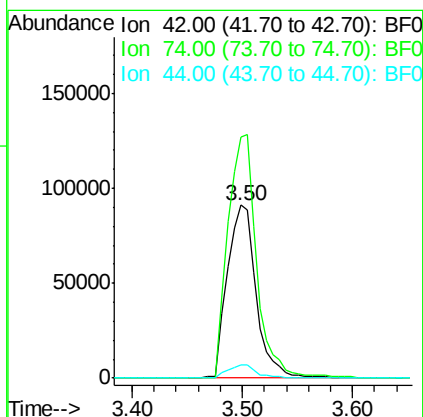
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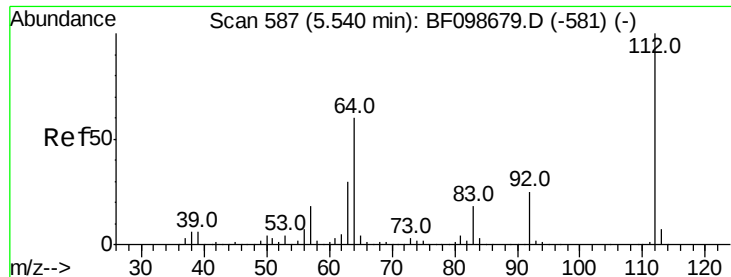
10/3/2017 6:50:41 PM



#4
n-Nitrosodimethylamine
Concen: 33.145 ng
RT: 3.50 min Scan# 240
Delta R.T. 0.01 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	139.0	104.9		157.3	
44	7.5	6.9		10.3	





#5

2-Fluorophenol

Concen: 105.622 ng

RT: 5.53 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Instrument :

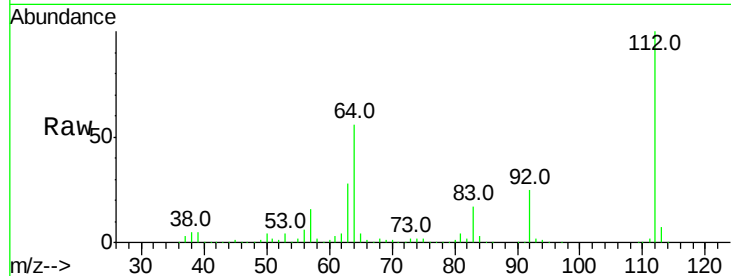
BNA_F

ClientSampleId :

SASP2P-ENV-114-1(10-16)MSD

Tot Ion:	112	Resp:	974624
Ion Ratio	Lower	Upper	
112	100		
64	55.9	47.9	71.9
63	27.7	23.7	35.5

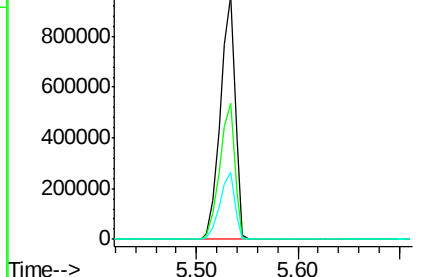
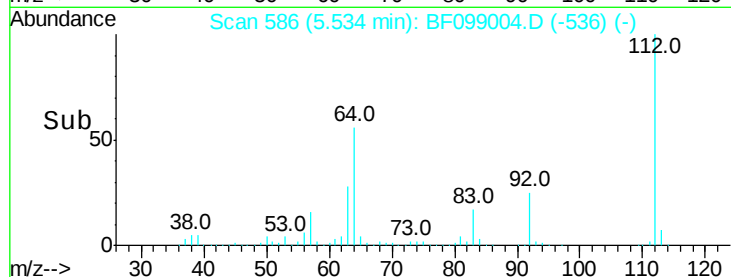
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Abundance Ion 112.00 (111.70 to 112.70): B

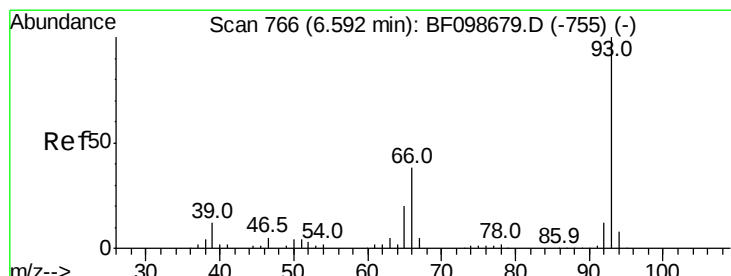
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



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#6

Aniline

Concen: 26.358 ng

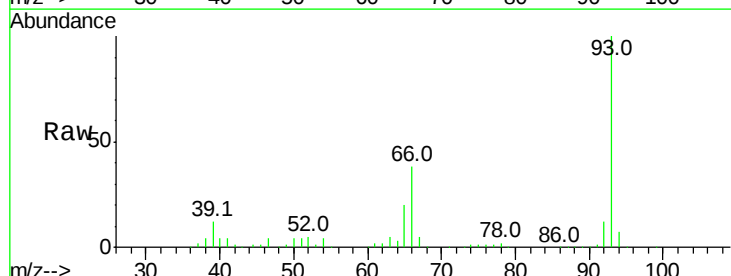
RT: 6.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

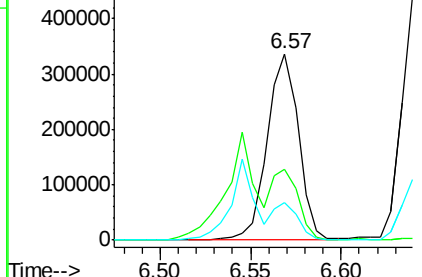
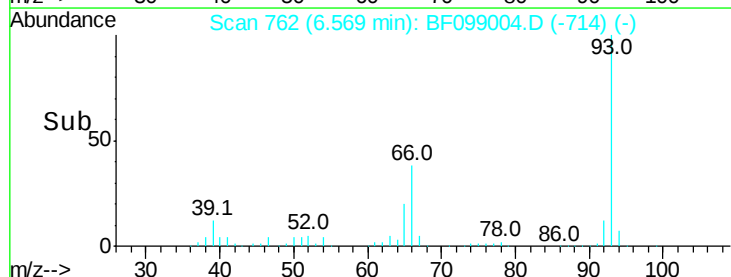
Tgt Ion:	93	Resp:	404940
Ion Ratio	Lower	Upper	
93	100		
66	38.3	32.2	48.2
65	19.9	16.4	24.6

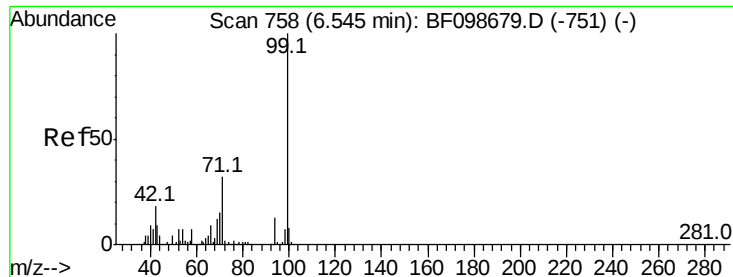


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 103.050 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-114-1(10-16)MSD

Tot Ion: 99 Resp: 1173029

Ion Ratio Lower Upper

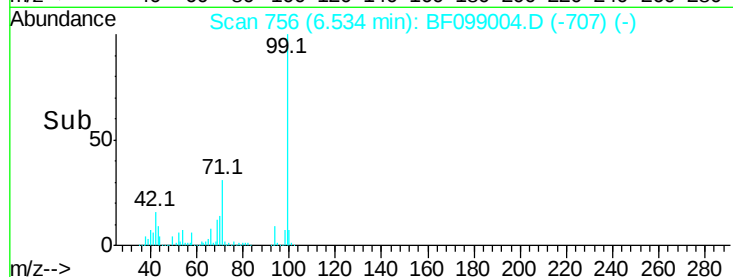
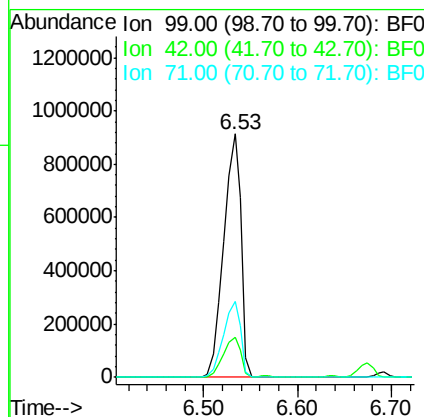
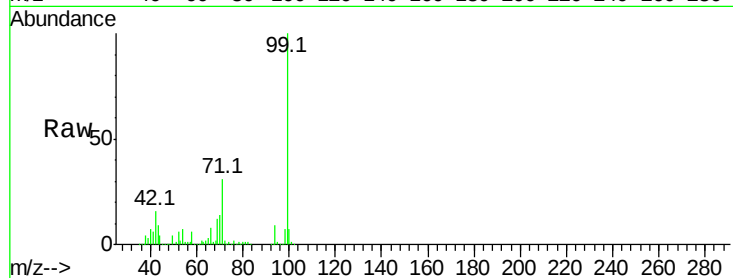
99 100

42 16.4 14.5 21.7

71 31.2 25.4 38.0

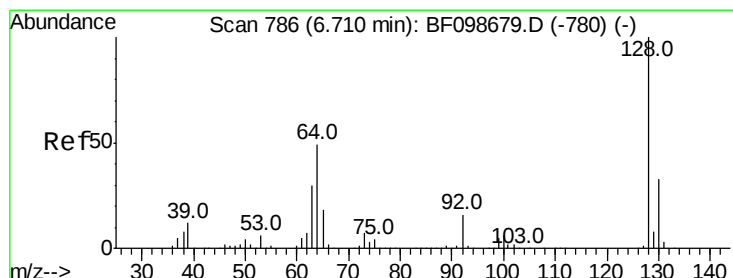
Manual Integrations

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#8

2-Chlorophenol

Concen: 33.541 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

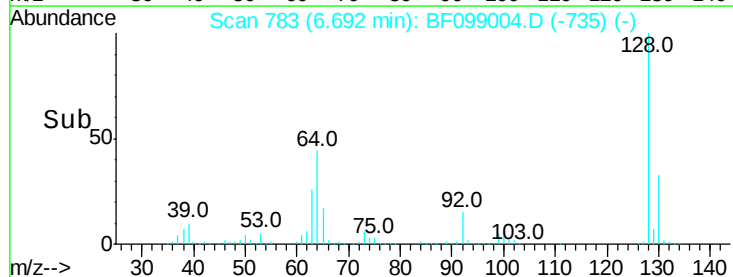
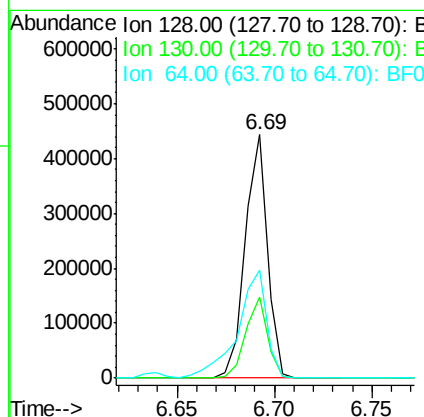
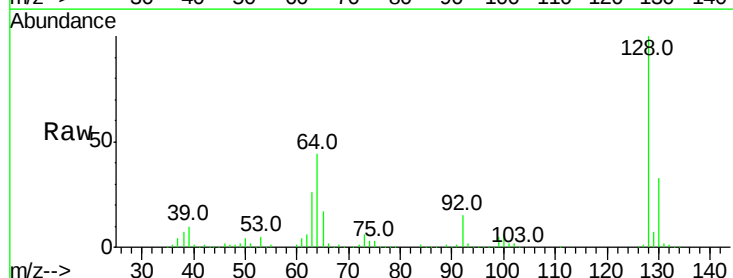
Tgt Ion: 128 Resp: 350497

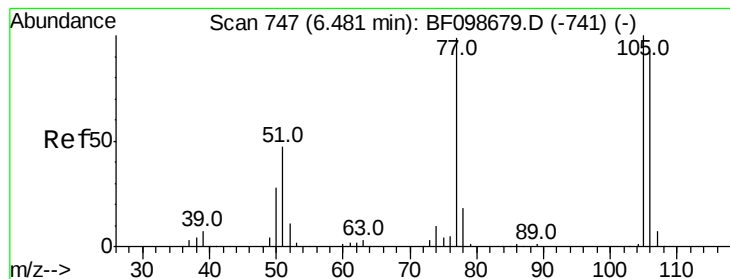
Ion Ratio Lower Upper

128 100

130 33.2 13.0 53.0

64 44.2 29.4 69.4





#9

Benzaldehyde

Concen: 27.091 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-114-1(10-16)MSD

Tot Ion: 77 Resp: 178883

Ion Ratio Lower Upper

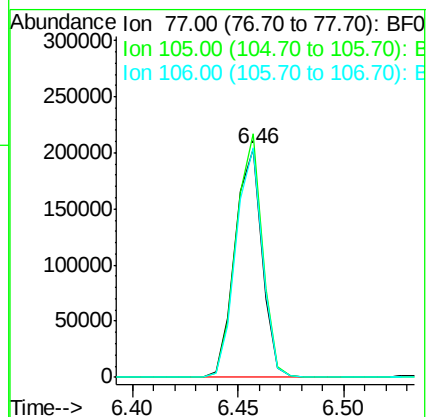
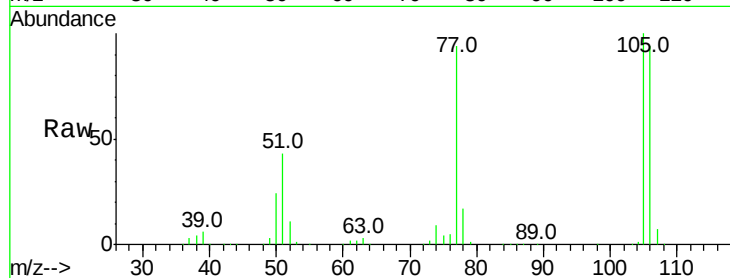
77 100

105 106.6 81.1 121.1

106 100.3 74.5 114.5

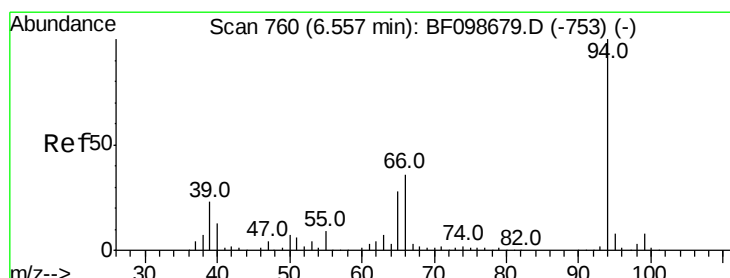
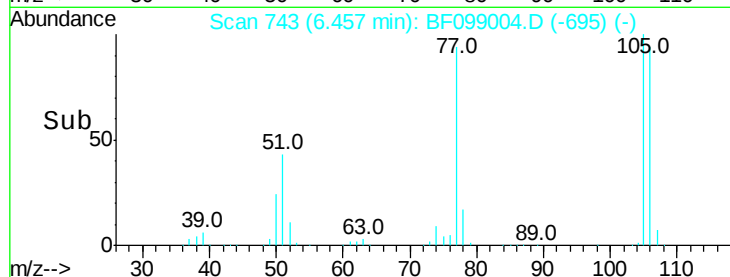
Manual Integrations

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#10

Phenol

Concen: 35.486 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

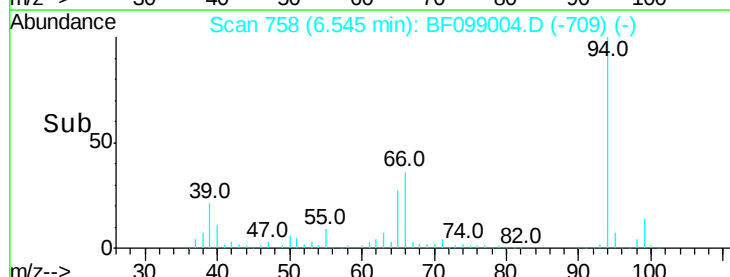
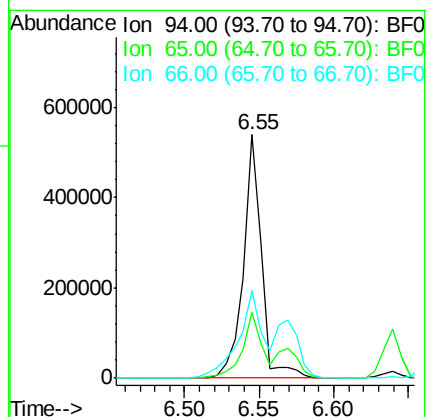
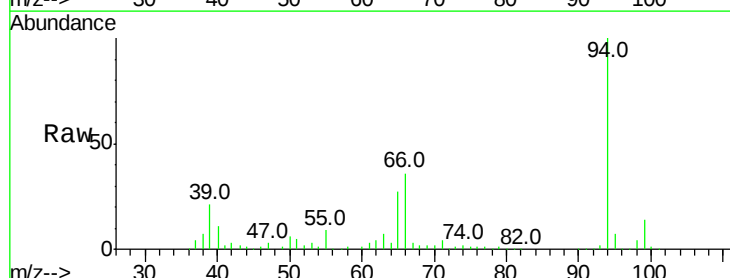
Tgt Ion: 94 Resp: 451765

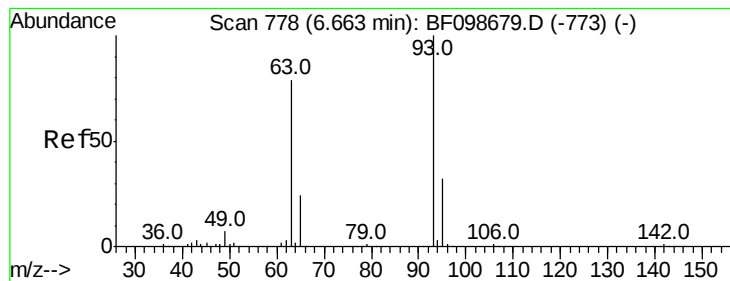
Ion Ratio Lower Upper

94 100

65 26.9 7.9 47.9

66 36.0 16.2 56.2



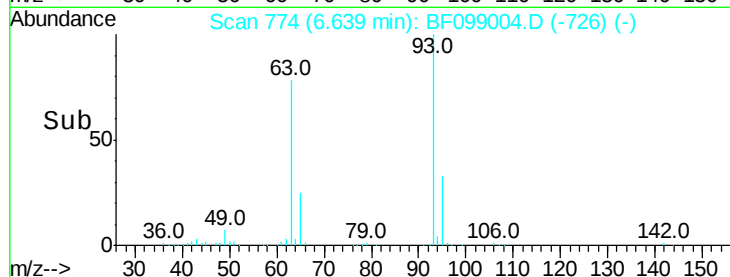
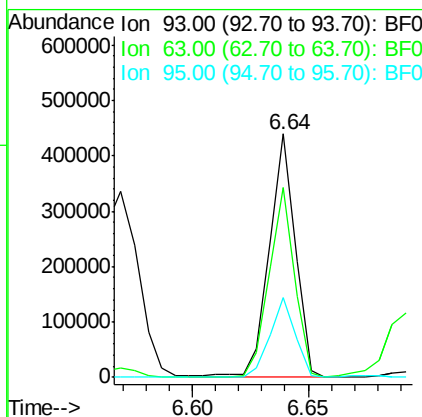
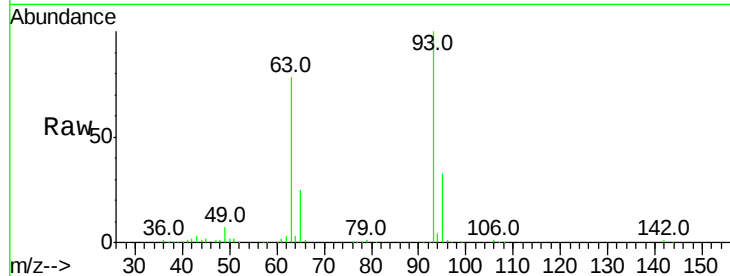


#11
bis(2-Chloroethyl)ether
Concen: 34.611 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MSD

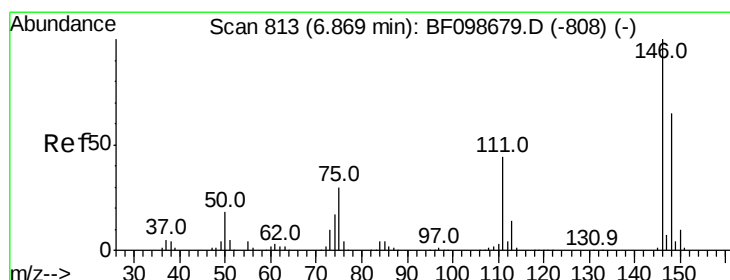
Tot Ion	Ratio	Resp	Lower	Upper
93	100	342542		
63	78.2		58.6	98.6
95	32.7		11.8	51.8

Manual Integrations
APPROVED



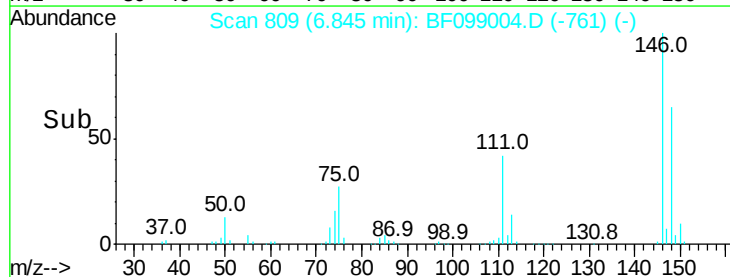
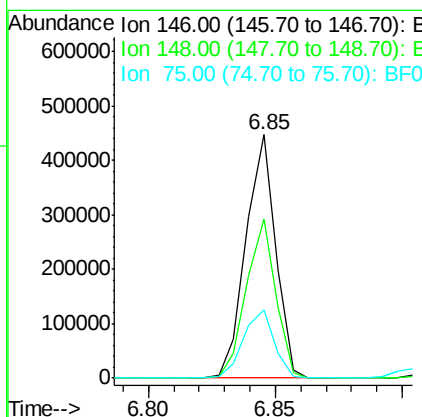
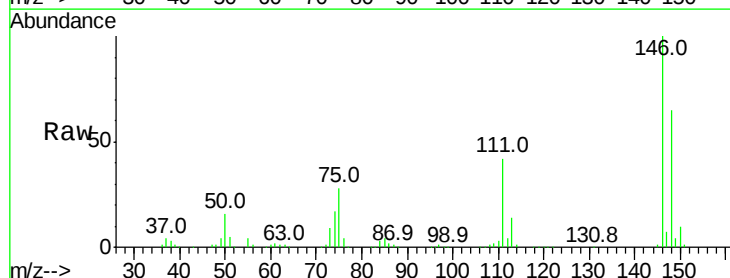
Sohil

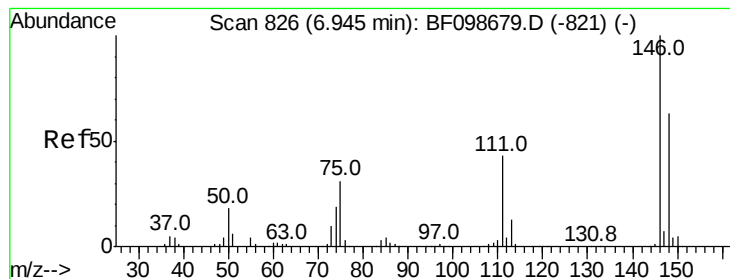
10/3/2017 6:50:41 PM



#12
1,3-Dichlorobenzene
Concen: 33.328 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	364738		
148	65.2		51.8	77.8
75	27.8		24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 33.467 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Instrument :

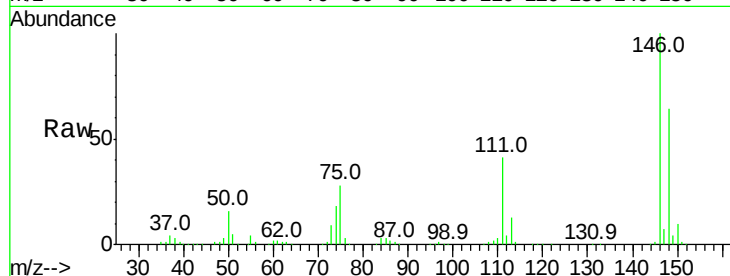
BNA_F

ClientSampleId :

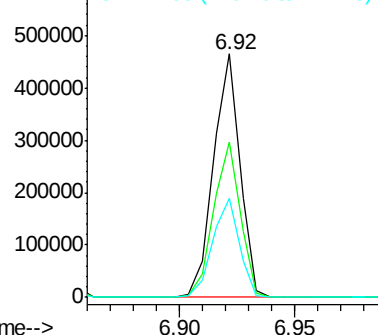
SASP2P-ENV-114-1(10-16)MSD

Tot Ion:	146	Resp:	372641
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.8	76.2
111	40.7	34.2	51.2

Manual Integrations
APPROVED

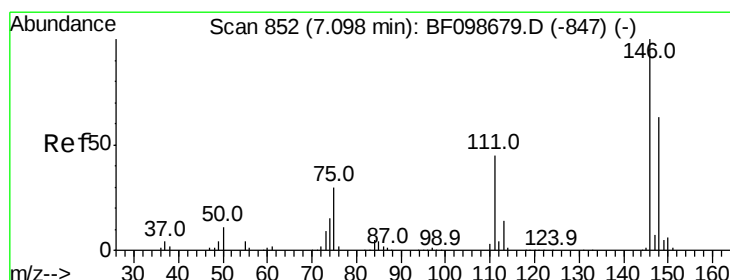
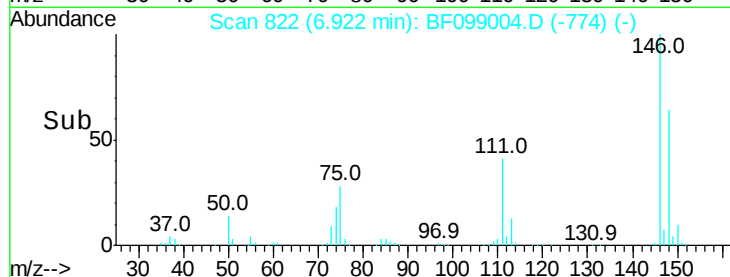


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



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#14

1,2-Dichlorobenzene

Concen: 33.426 ng

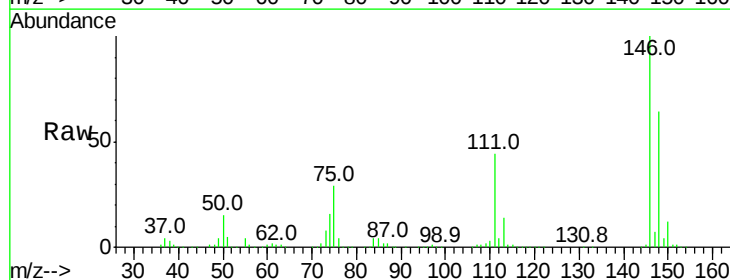
RT: 7.07 min Scan# 848

Delta R.T. -0.02 min

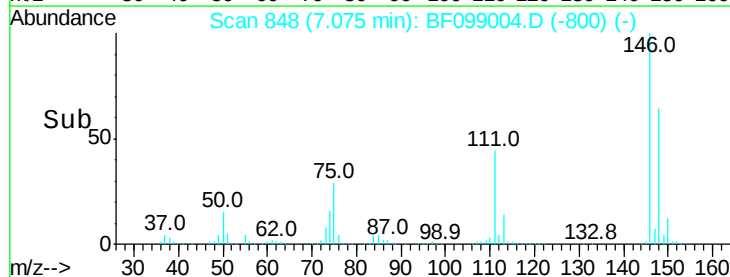
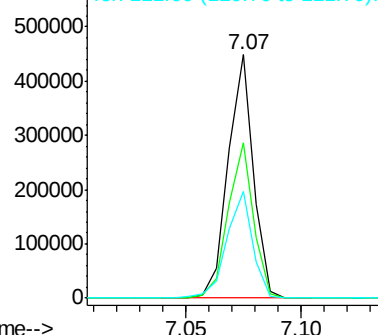
Lab File: BF099004.D

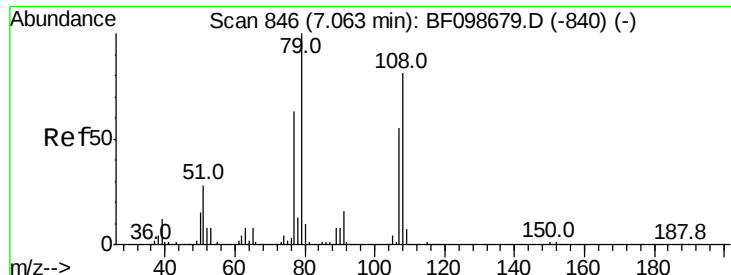
Acq: 2 Oct 2017 17:21

Tgt Ion:	146	Resp:	343899
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.6	75.8
111	43.8	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.253 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-114-1(10-16)MSD

Tot Ion: 79 Resp: 294389

Ion Ratio Lower Upper

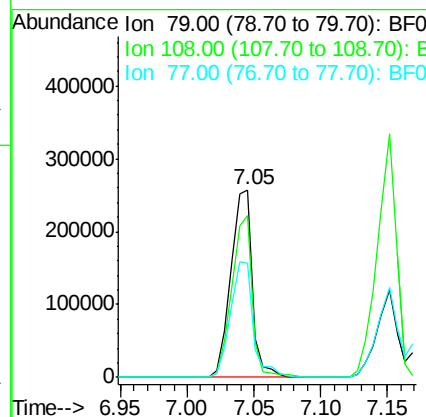
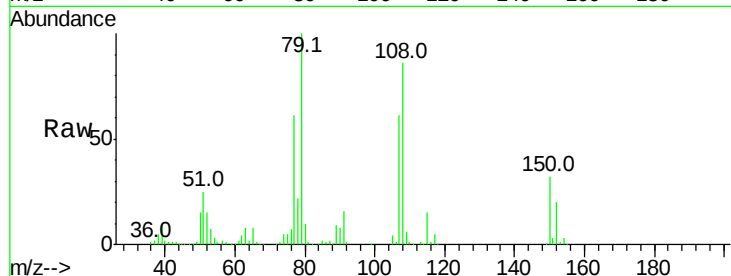
79 100

108 86.4 65.1 97.7

77 61.3 50.6 75.8

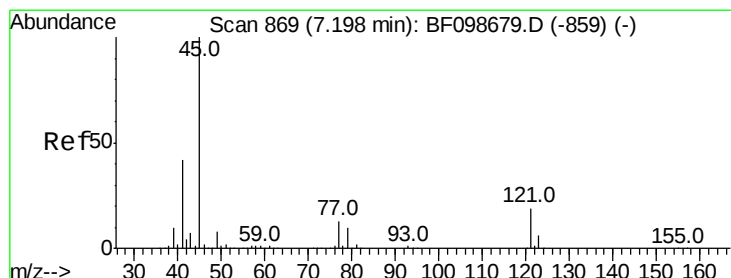
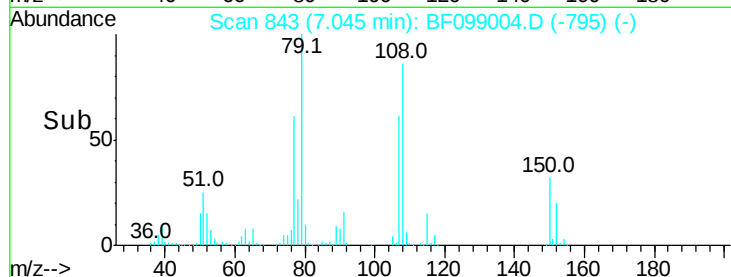
Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.362 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

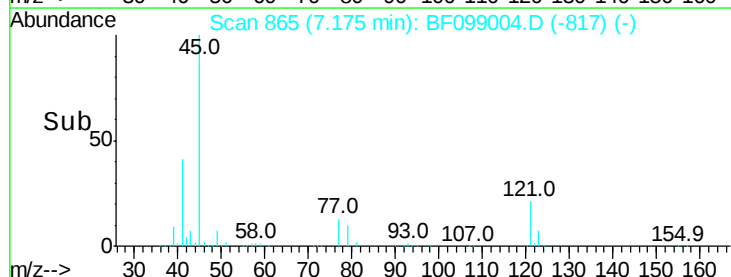
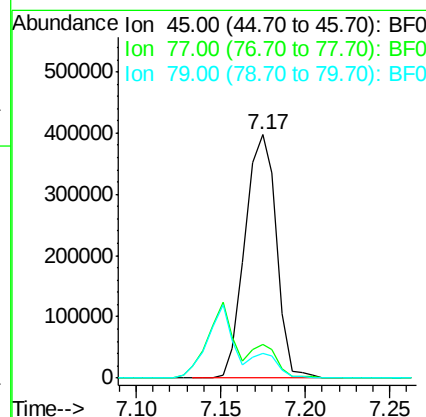
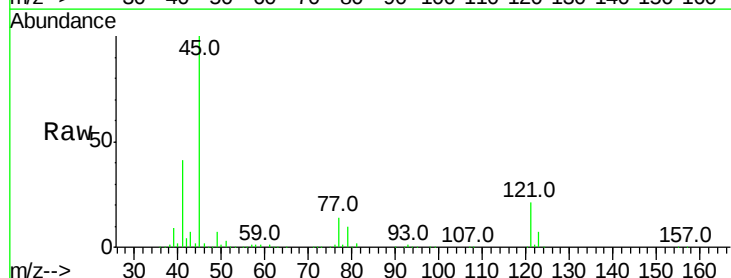
Tgt Ion: 45 Resp: 514428

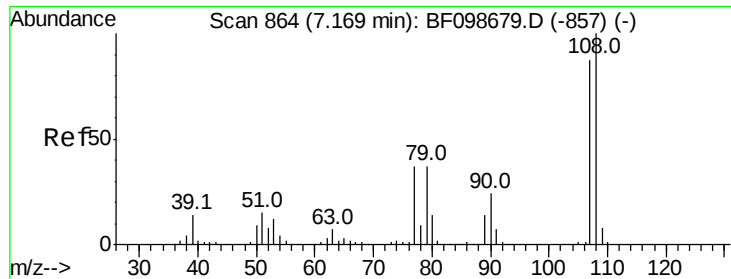
Ion Ratio Lower Upper

45 100

77 13.8 0.0 32.9

79 10.3 0.0 29.6



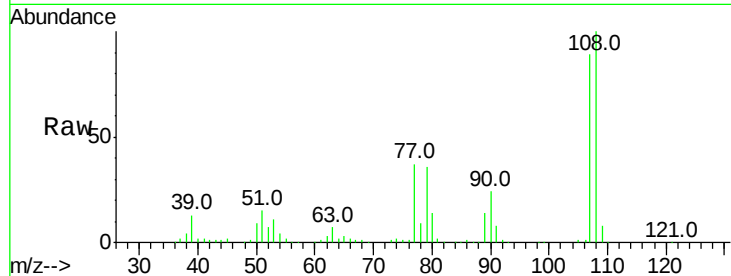


#17
2-Methylphenol
Concen: 34.095 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

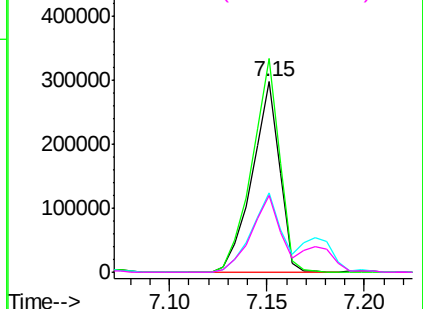
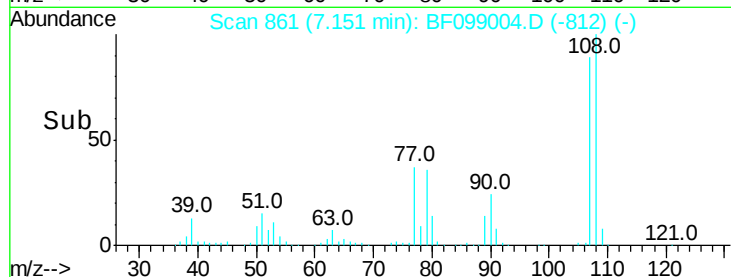
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MSD

Tot Ion:	107	Resp:	291524
Ion Ratio	Lower	Upper	
107	100		
108	112.3	91.7	137.5
77	41.7	33.8	50.8
79	40.5	33.8	50.8

Manual Integrations
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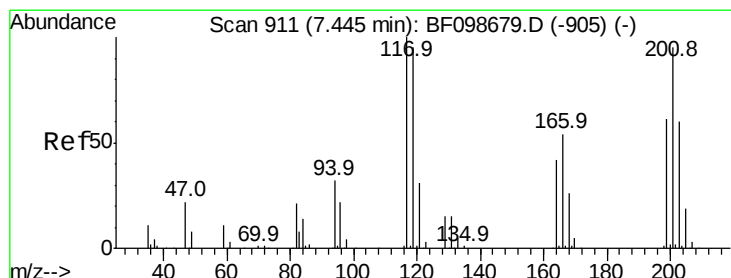


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



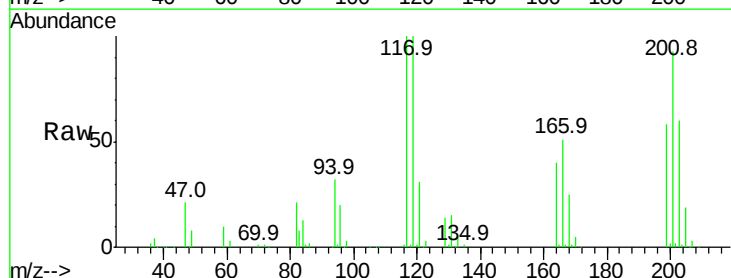
Sohil

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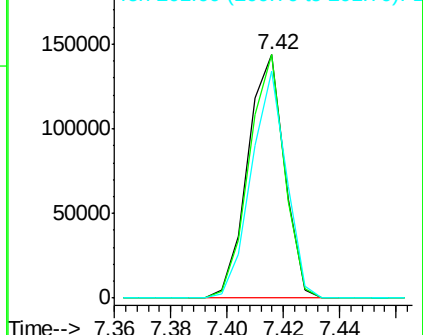
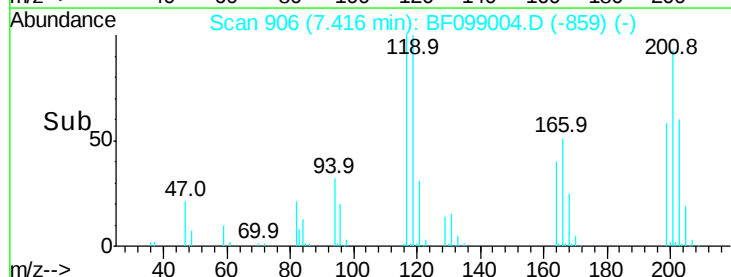


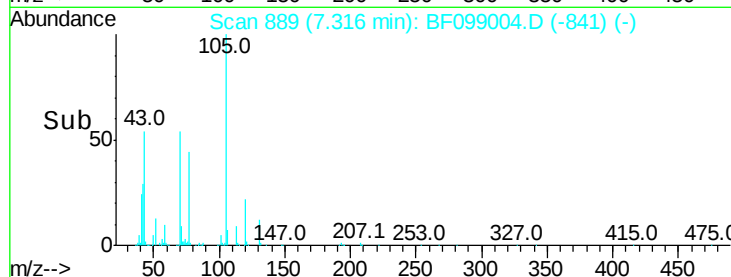
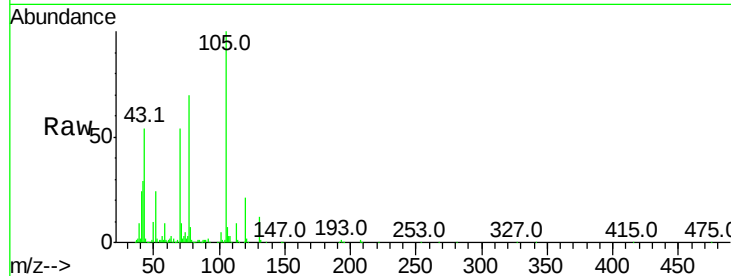
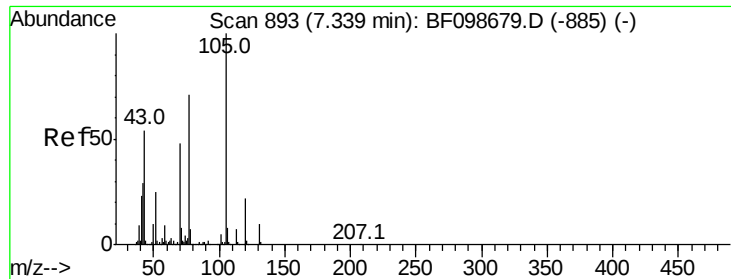
#18
Hexachloroethane
Concen: 32.302 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion:	117	Resp:	129281
Ion Ratio	Lower	Upper	
117	100		
119	99.8	75.8	113.8
201	93.5	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E



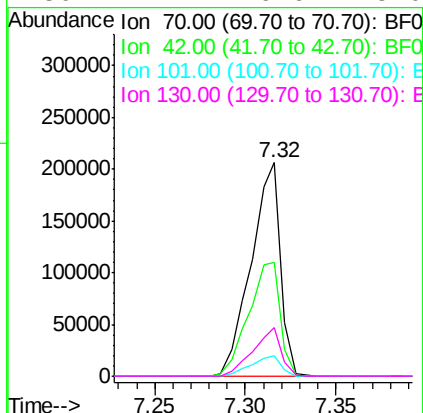


#19
n-Nitroso-di-n-propylamine
Concen: 32.087 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MSD

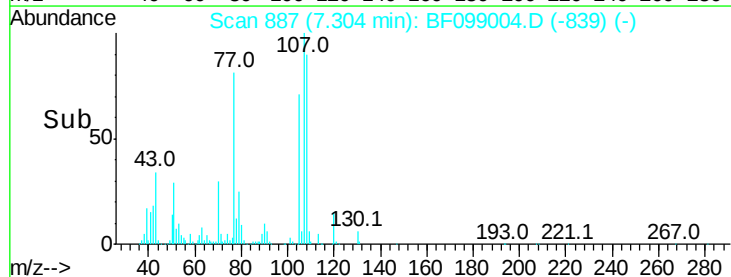
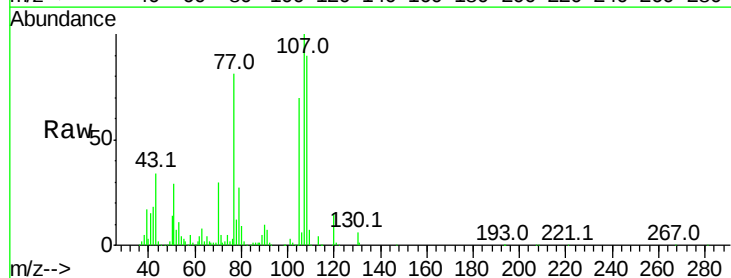
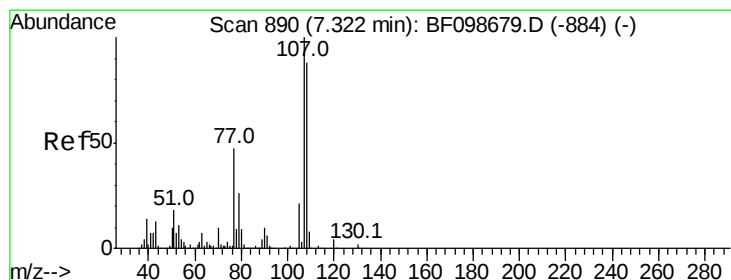
Tot Ion	70	Resp	233199
Ion Ratio	Lower	Upper	
70	100		
42	53.6	47.5	71.3
101	9.6	7.4	11.2
130	22.7	16.6	25.0

Manual Integrations
APPROVED



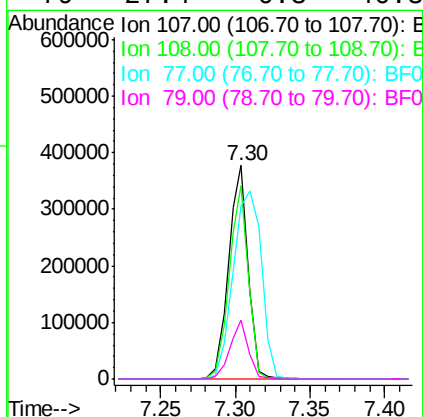
Sohil

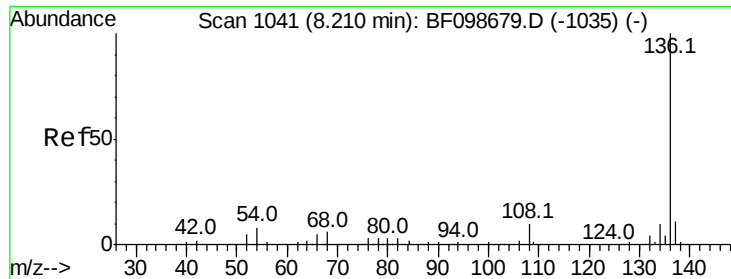
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#20
3+4-Methylphenols
Concen: 32.510 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion	107	Resp	351646
Ion Ratio	Lower	Upper	
107	100		
108	90.5	68.2	108.2
77	81.2	26.7	66.7#
79	27.4	6.3	46.3



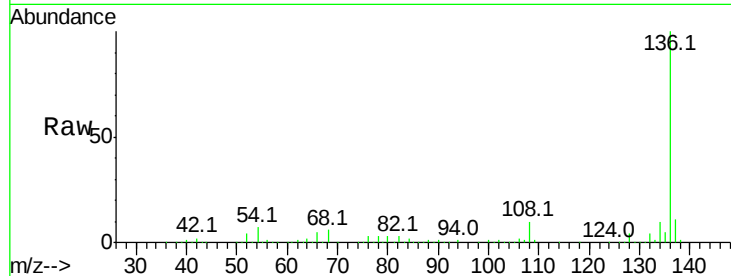


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

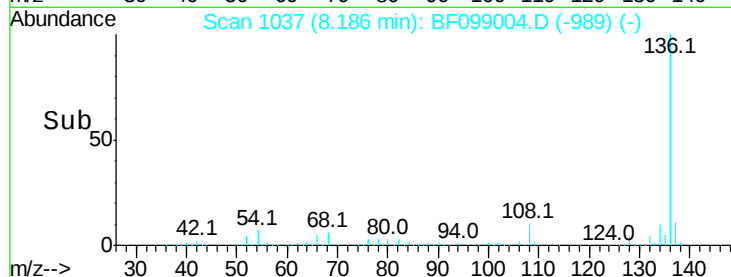
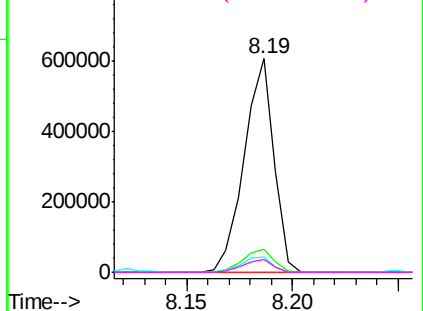
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	7.4	6.6	9.8	
68	5.9	5.0	7.4	

Manual Integrations
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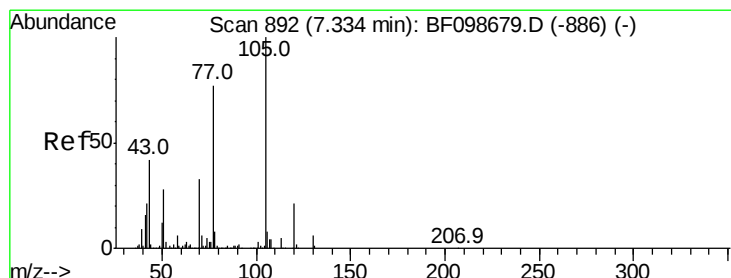


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



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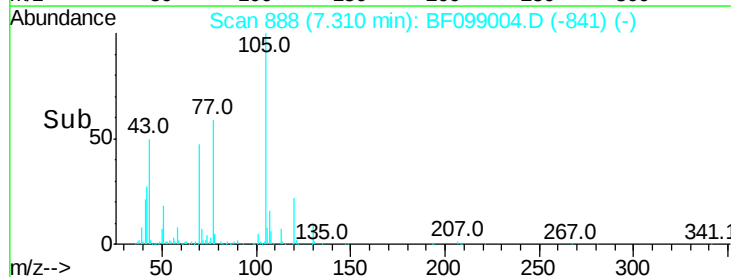
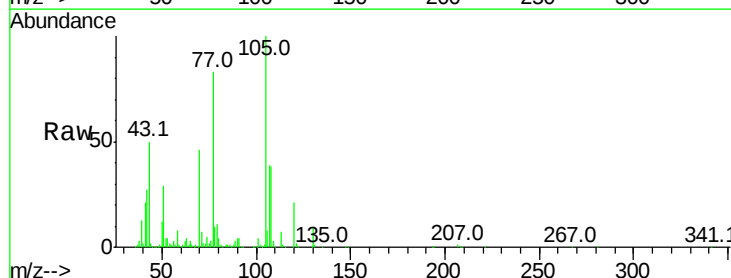
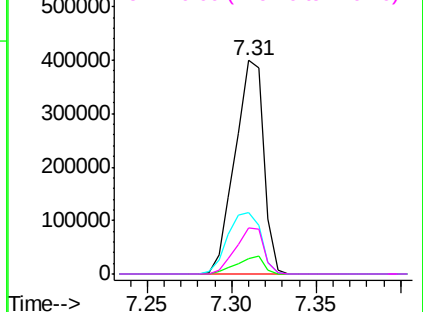
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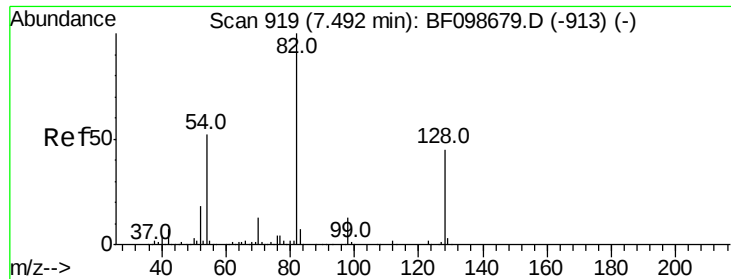


#22
Acetophenone
Concen: 33.229 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.3	4.4	6.6#	
51	28.7	22.3	33.5	
120	21.4	16.9	25.3	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E



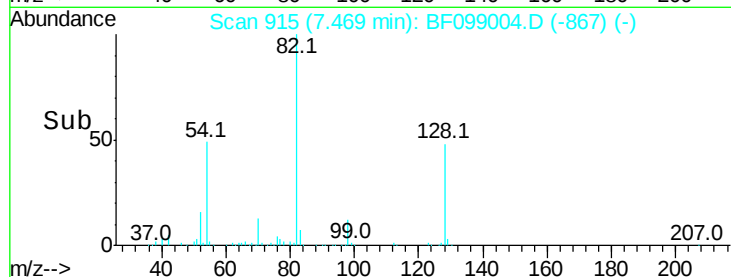
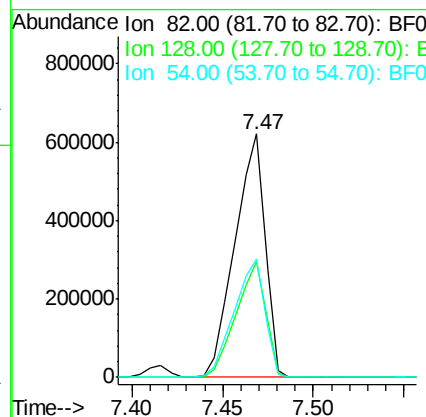
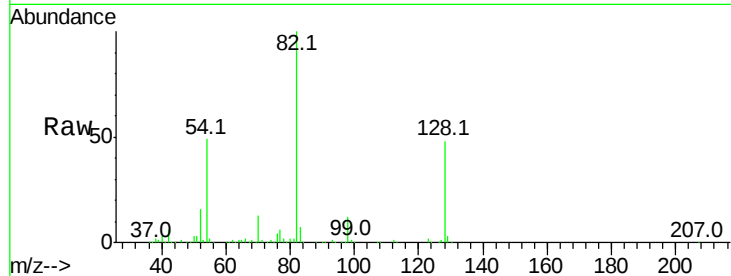


#23
Nitrobenzene-d5
Concen: 78.007 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MSD

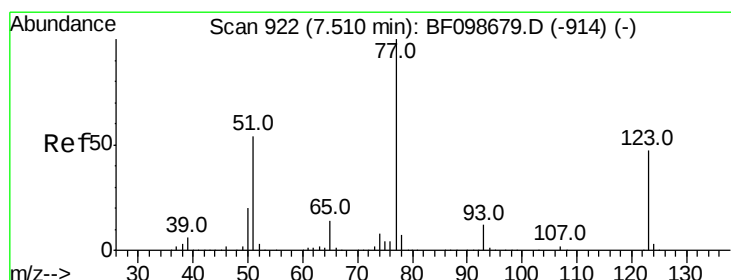
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.1	54.1
54	48.5	41.4	62.2

Manual Integrations
APPROVED



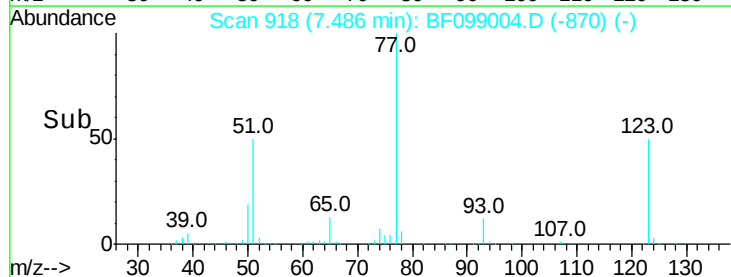
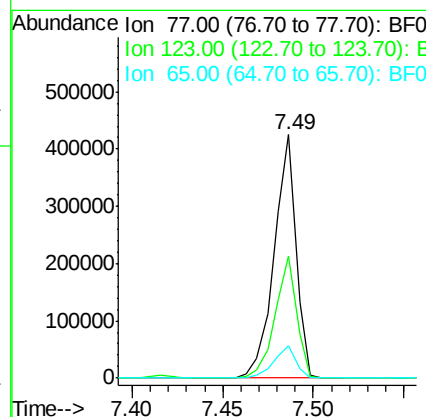
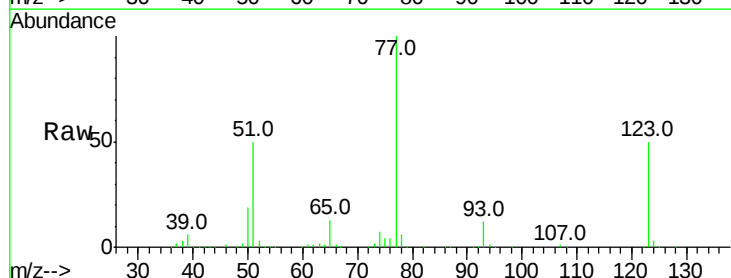
Sohil

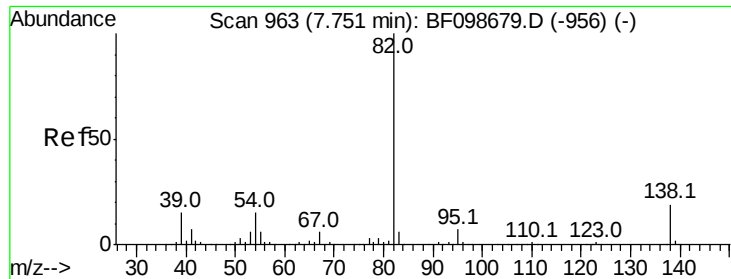
10/3/2017 6:50:41 PM



#24
Nitrobenzene
Concen: 34.294 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	37.9	56.9
65	13.3	11.0	16.4





#25

Isophorone

Concen: 34.565 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Instrument :

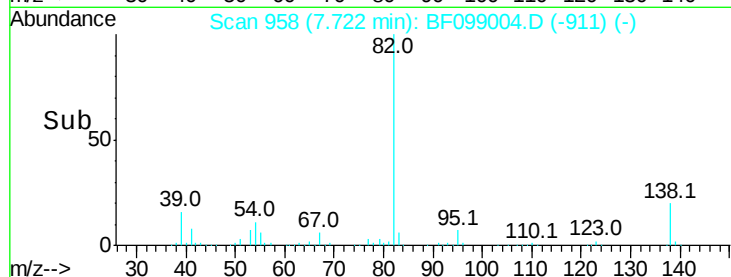
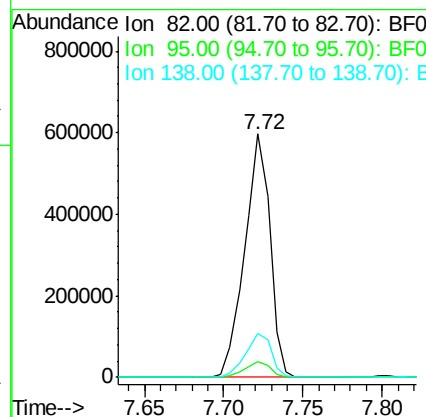
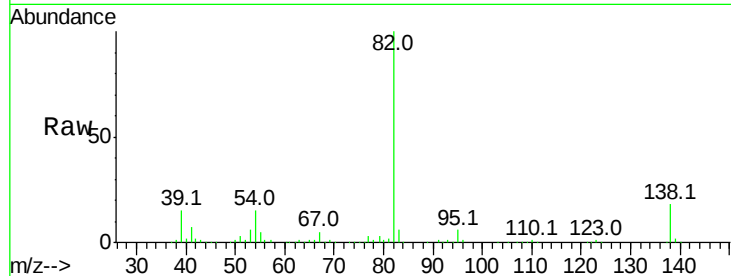
BNA_F

ClientSampleId :

SASP2P-ENV-114-1(10-16)MSD

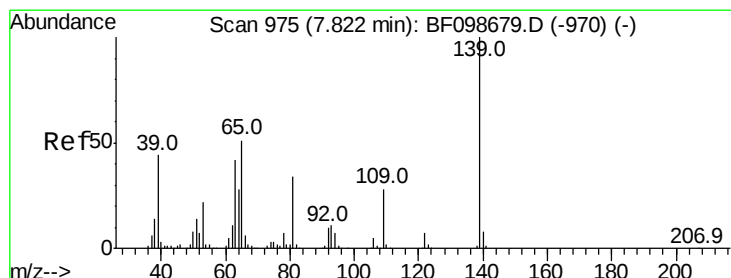
Tot Ion:	82	Resp:	657121
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.2	7.8
138	18.0	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.834 ng

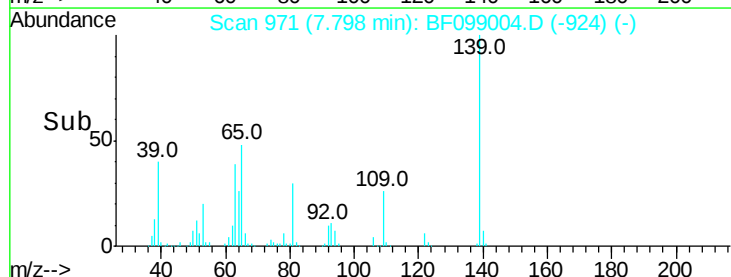
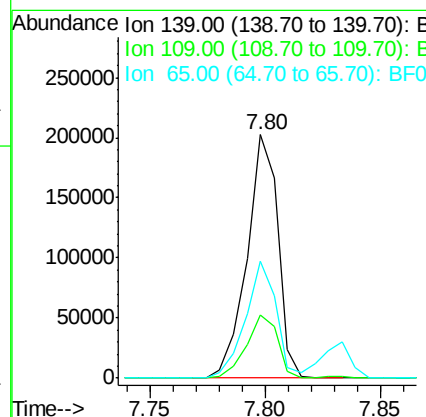
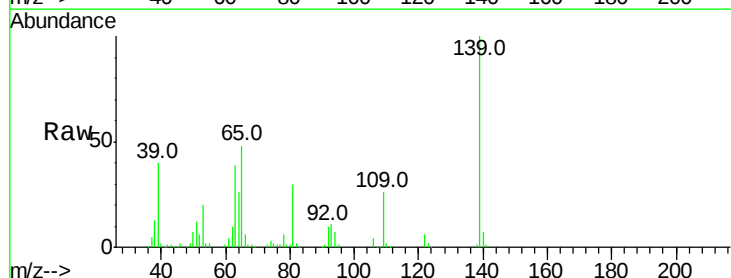
RT: 7.80 min Scan# 971

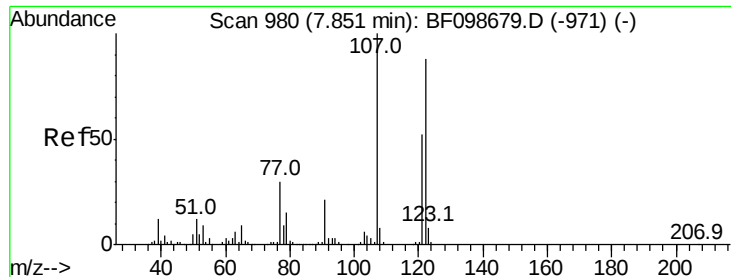
Delta R.T. -0.02 min

Lab File: BF099004.D

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Tgt Ion:	139	Resp:	189775
Ion Ratio	Lower	Upper	
139	100		
109	26.0	22.7	34.1
65	47.8	40.5	60.7



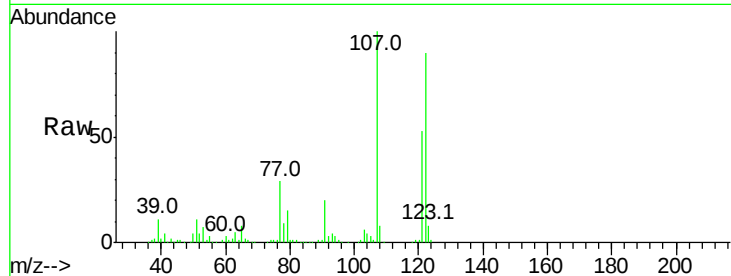


#27
2,4-Dimethylphenol
Concen: 33.873 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.6	91.2	136.8
121	58.4	47.2	70.8

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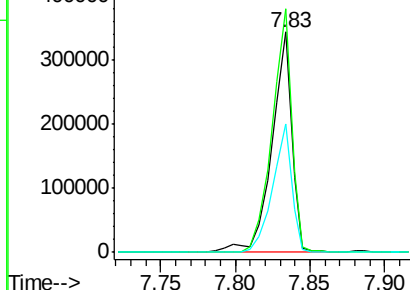
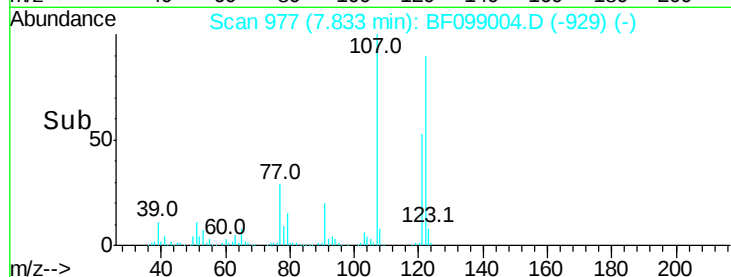


Abundance

Ion 122.00 (121.70 to 122.70): E

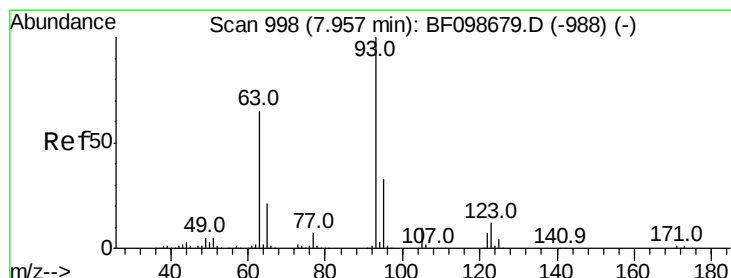
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



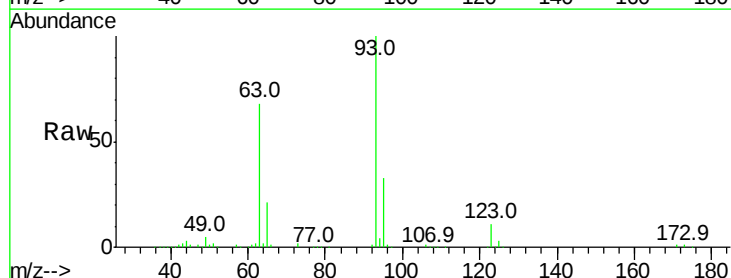
Sohil

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#28
bis(2-Chloroethoxy)methane
Concen: 35.773 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	10.8	9.8	14.6

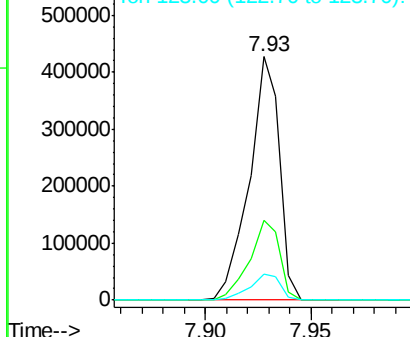
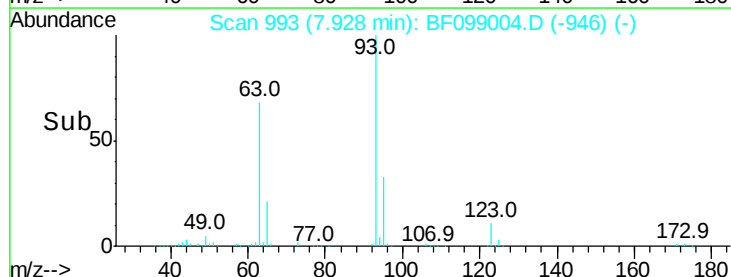


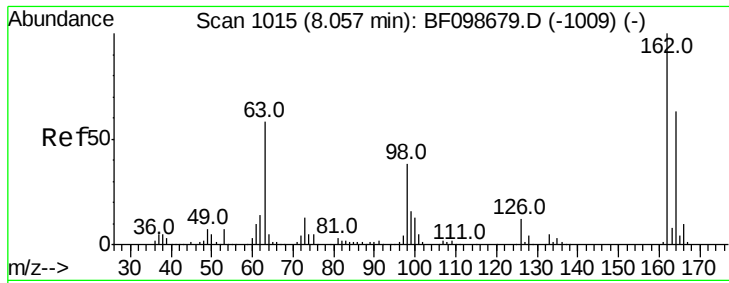
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E



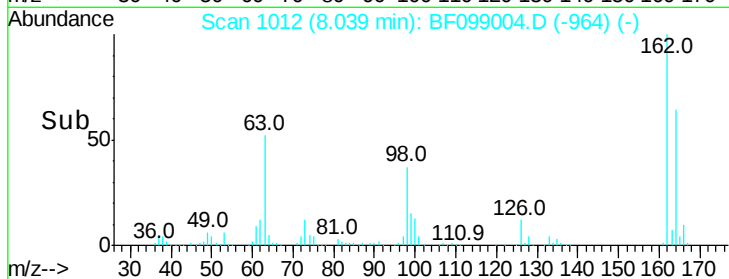
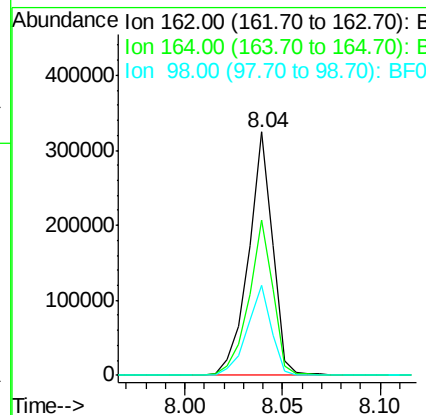
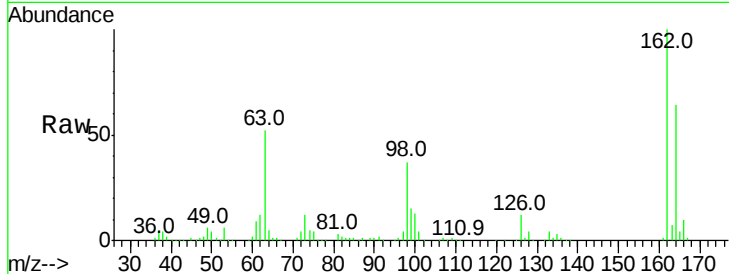


#29
2,4-Dichlorophenol
Concen: 34.162 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MSD

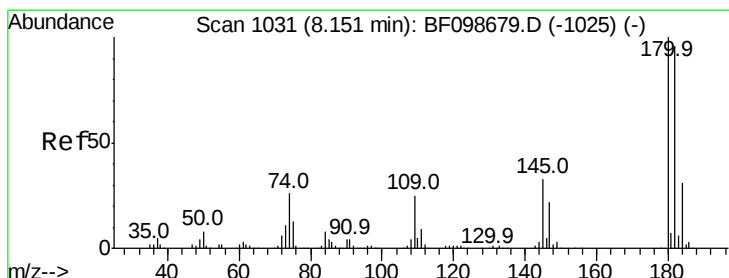
Tot Ion	Ratio	Resp	Lower	Upper
162	100	277838		
164	63.5	42.7	82.7	
98	36.8	18.1	58.1	

Manual Integrations
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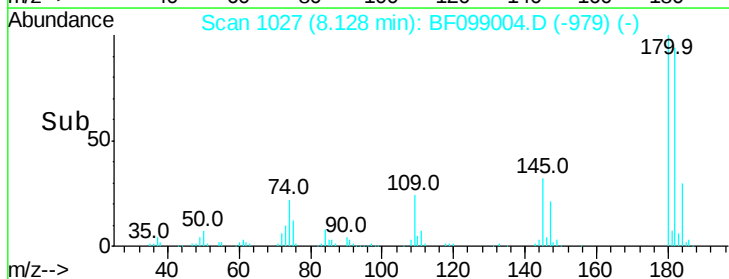
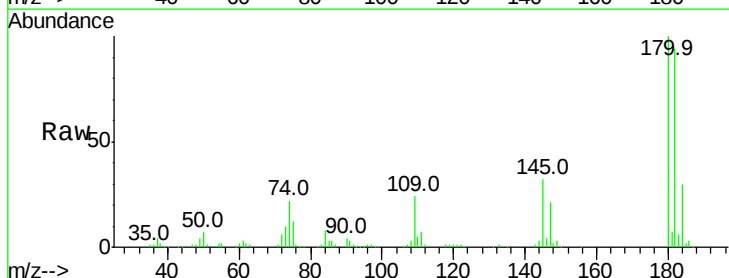
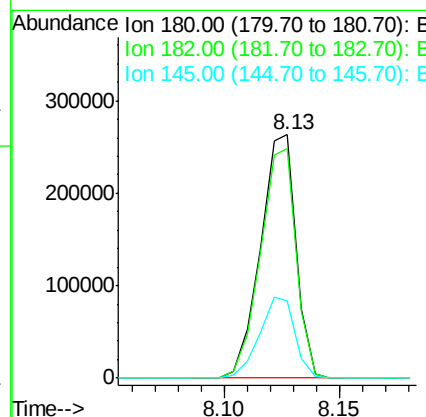
Sohil

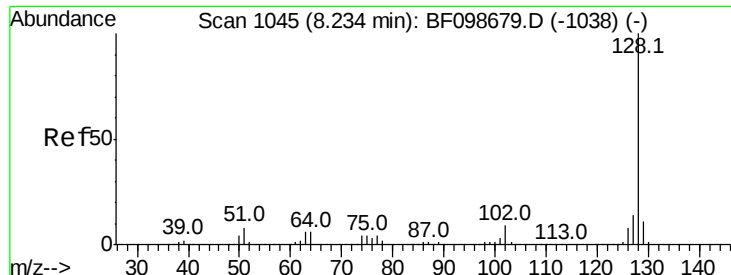
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#30
1,2,4-Trichlorobenzene
Concen: 34.710 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	282344		
182	94.2	76.8	115.2	
145	31.7	26.5	39.7	



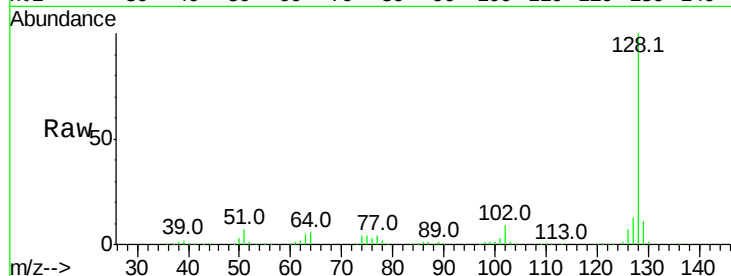


#31
Naphthalene
Concen: 35.507 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

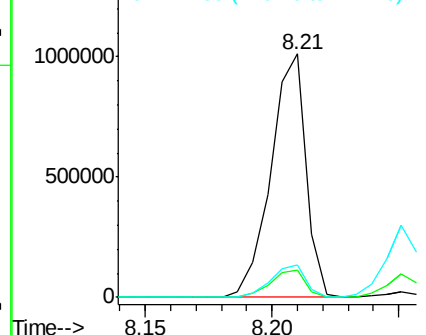
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.0	8.8	13.2	
127	13.2	10.9	16.3	

Manual Integrations
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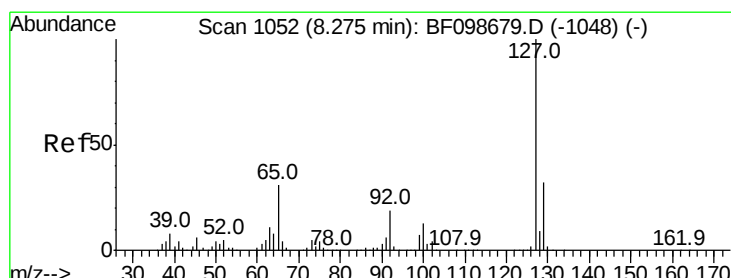
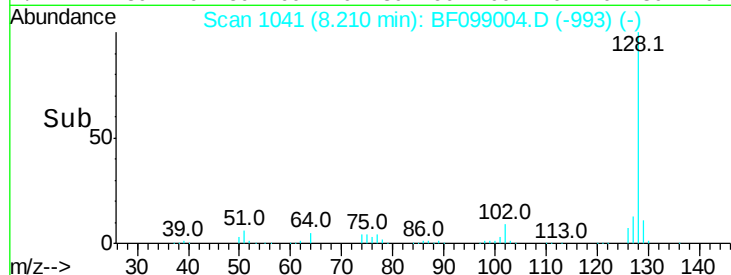


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Sohil

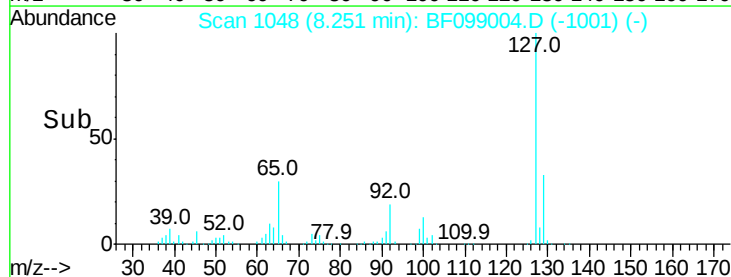
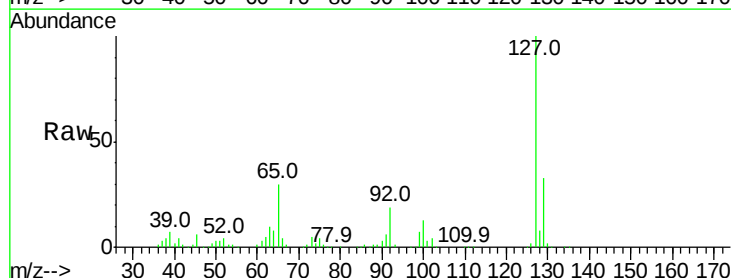
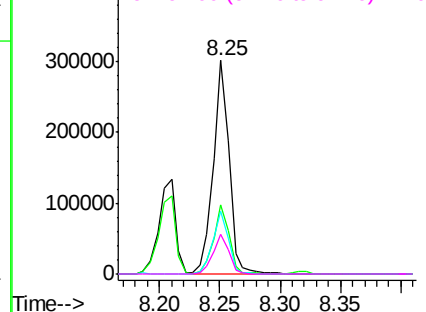
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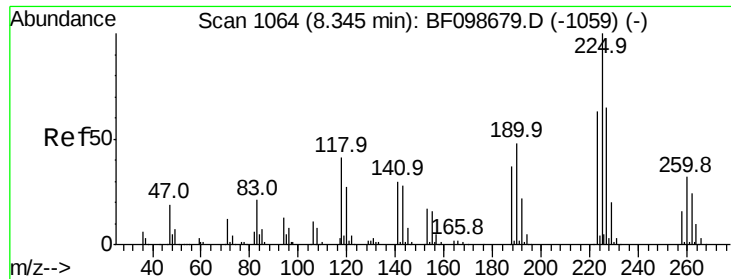


#33
4-Chloroaniline
Concen: 23.687 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	25.9	38.9	
65	29.6	25.0	37.4	
92	18.6	15.2	22.8	

Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0



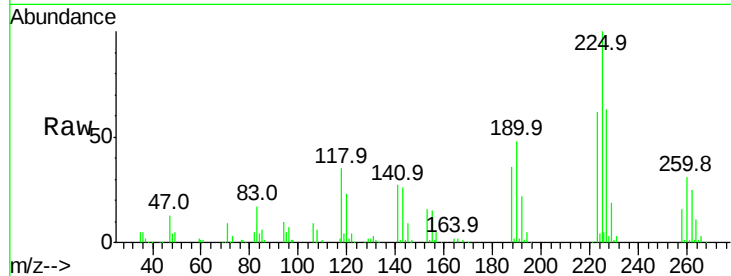


#34
Hexachlorobutadiene
Concen: 33.416 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

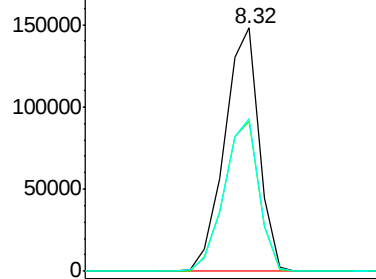
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MSD

Tot Ion:	225	Resp:	140004
Ion Ratio	Lower	Upper	
225	100		
223	61.5	50.6	76.0
227	62.8	51.9	77.9

Manual Integrations
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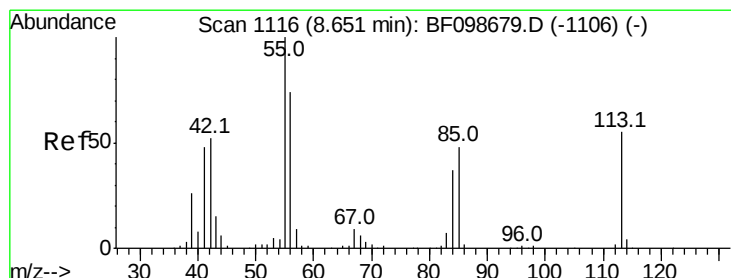
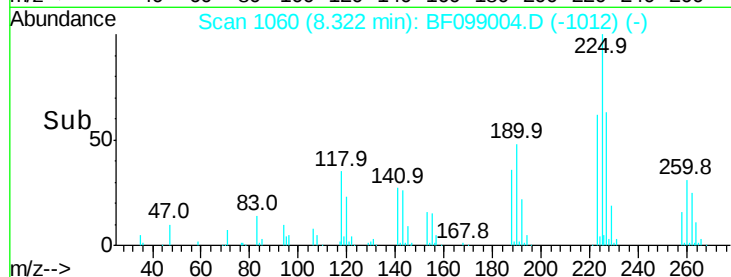


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



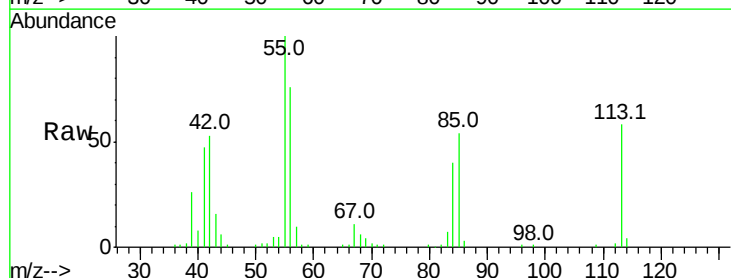
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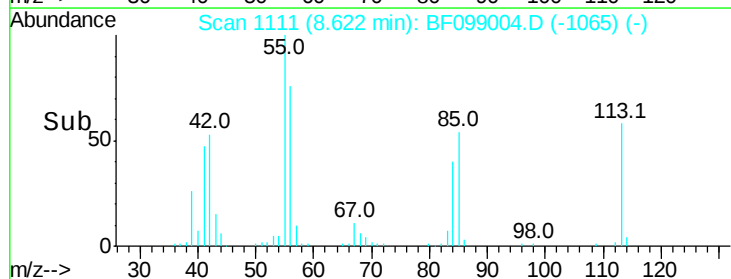
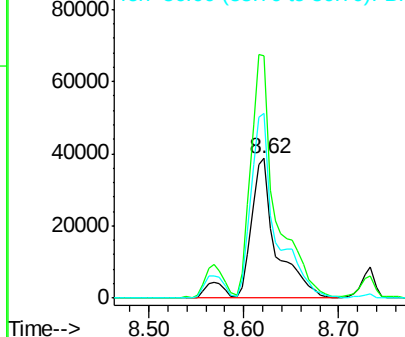


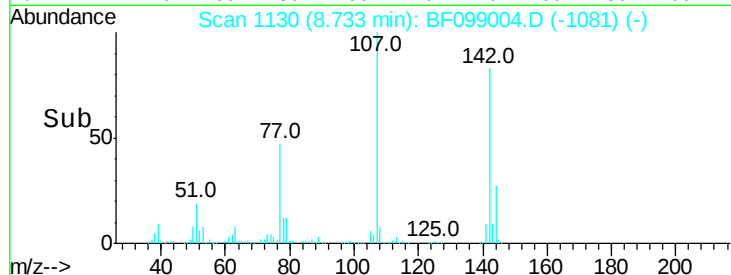
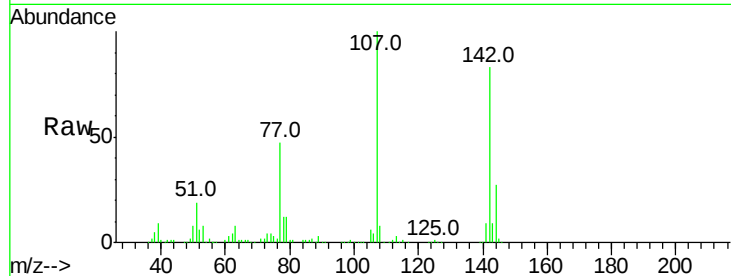
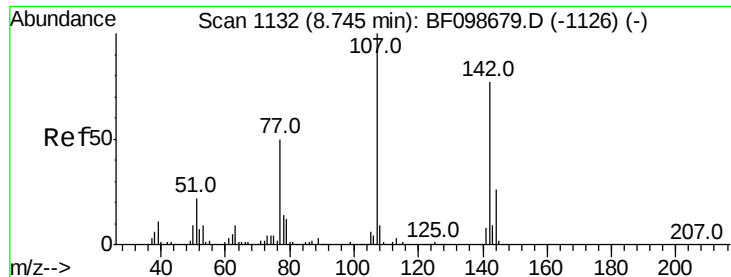
#35
Caprolactam
Concen: 28.996 ng m
RT: 8.62 min Scan# 1111
Delta R.T. -0.03 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion:	113	Resp:	75647
Ion Ratio	Lower	Upper	
113	100		
55	173.8	163.3	203.3
56	132.1	115.7	155.7



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



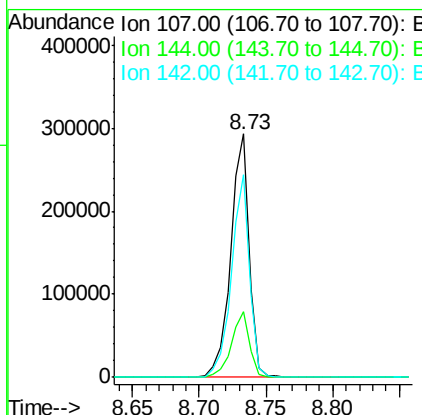


#36
4-Chloro-3-methylphenol
Concen: 31.411 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tot Ion	Ratio	Resp	Lower	Upper
107	100	287144		
144	26.8	20.5	30.7	
142	83.0	62.0	93.0	

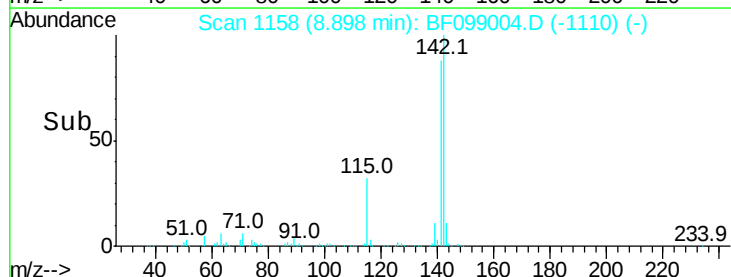
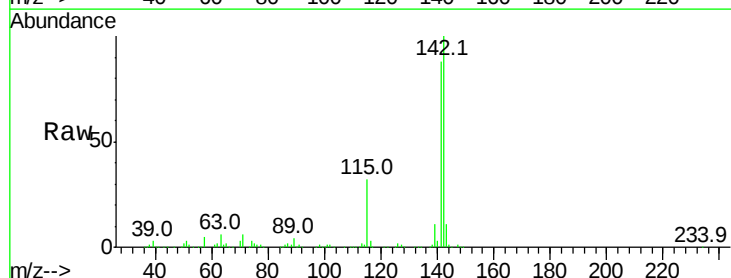
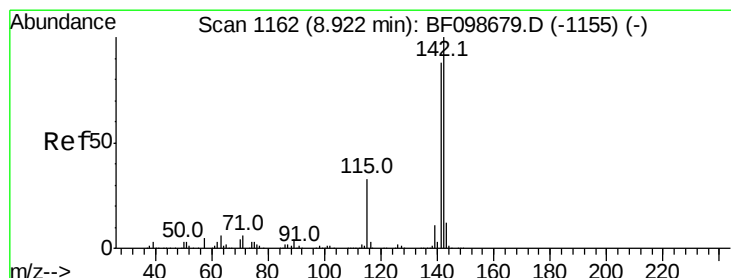
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MSD

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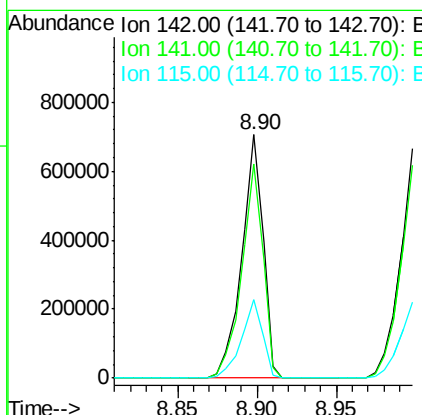
Sohil

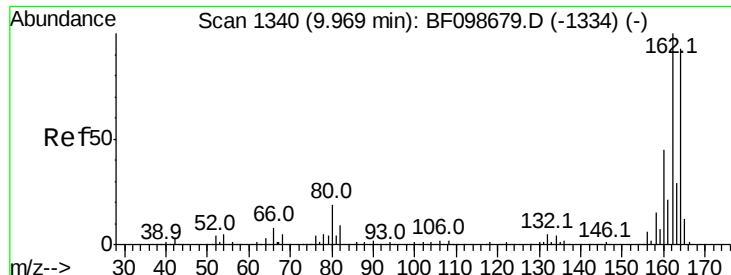
10/3/2017 6:50:41 PM



#37
2-Methylnaphthalene
Concen: 36.506 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	657269		
141	88.0	70.8	106.2	
115	32.1	26.1	39.1	



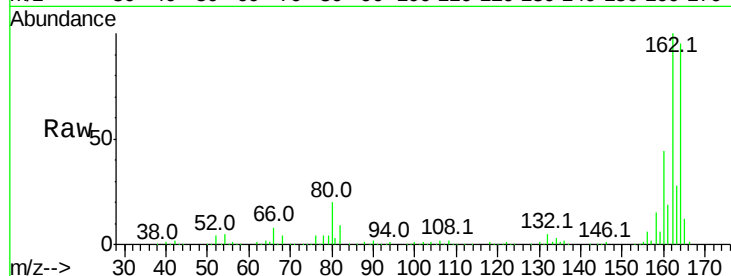


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

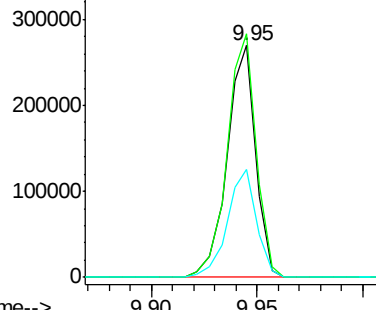
Instrument :
BNA_F
ClientSampled :
SASP2P-ENV-114-1(10-16)MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	253611		
162	105.1	86.1	129.1	
160	46.4	38.3	57.5	

Manual Integrations
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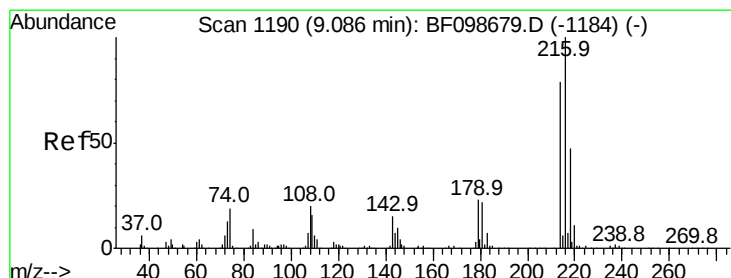
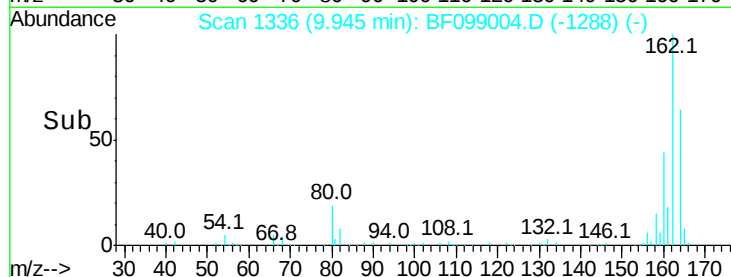


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



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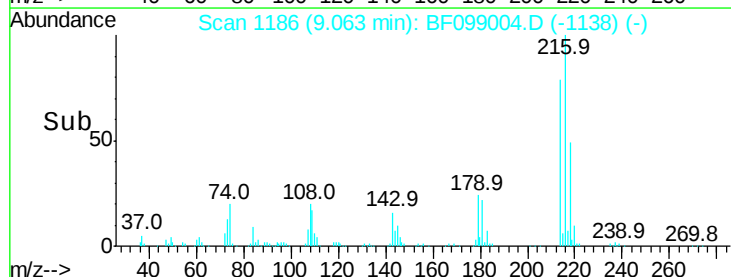
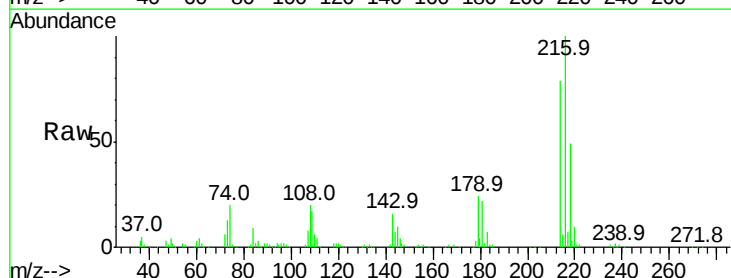
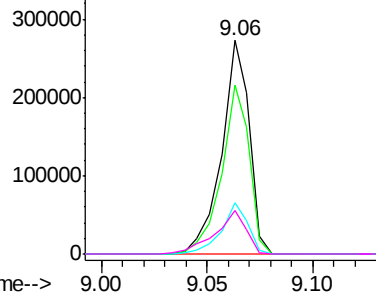
10/3/2017 6:50:41 PM

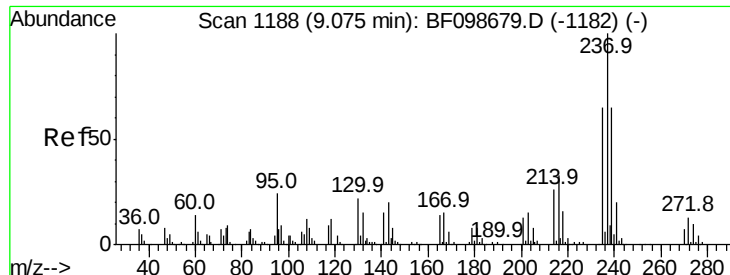


#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.933 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	249082		
214	79.1	63.0	94.4	
179	22.8	18.1	27.1	
108	22.8	17.2	25.8	

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



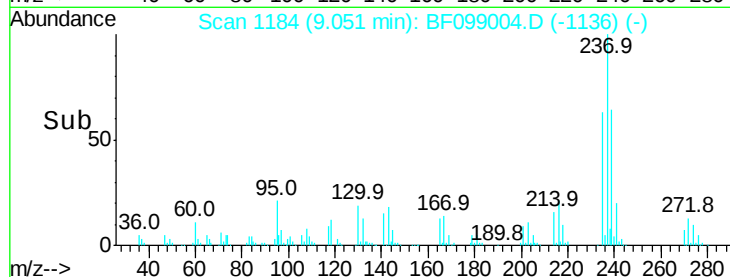
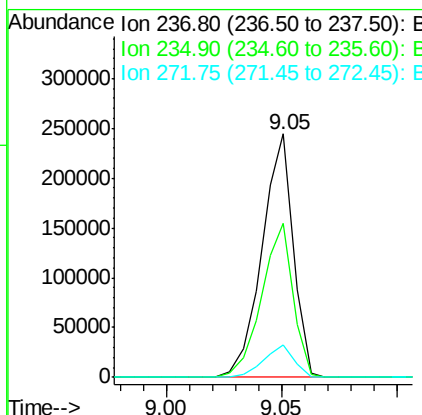
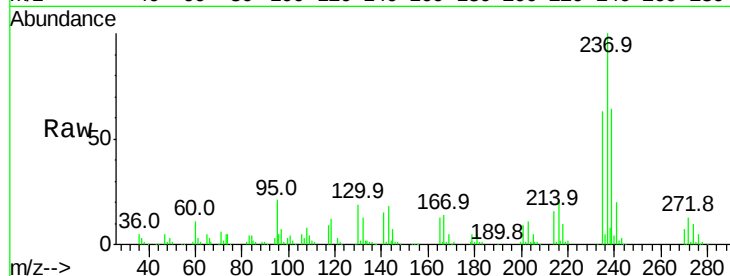


#40
Hexachlorocyclopentadiene
Concen: 66.501 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MSD

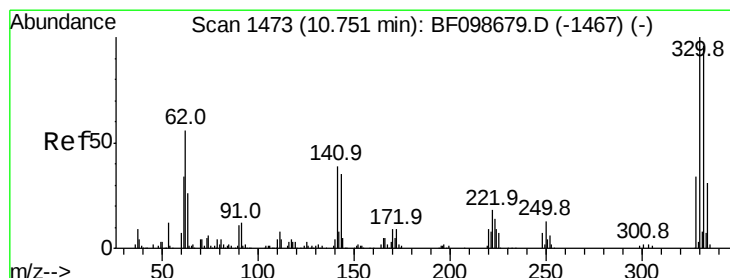
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.5	44.8	84.8	
272	13.4	0.0	33.3	

Manual Integrations
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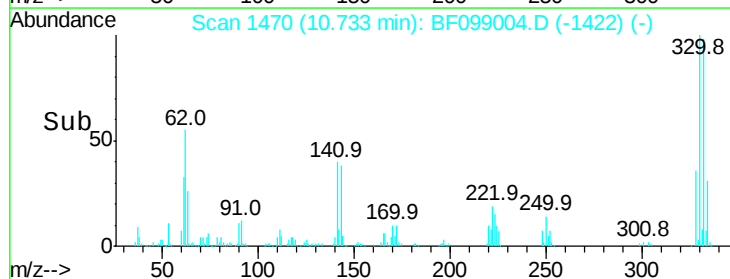
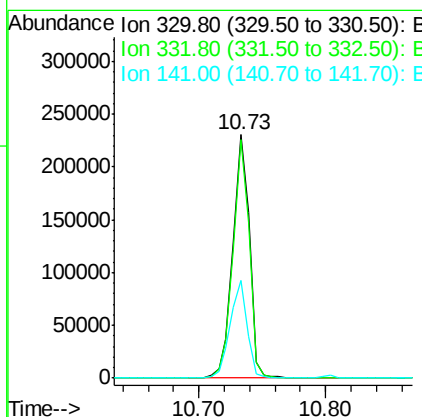
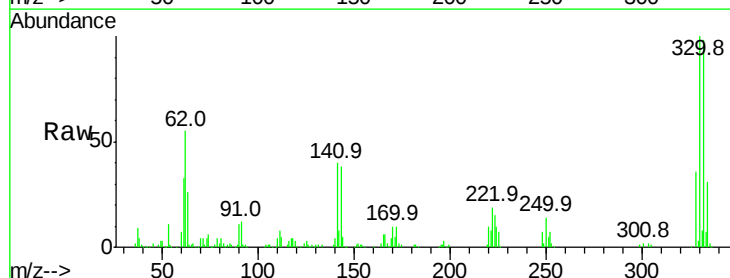
Sohil

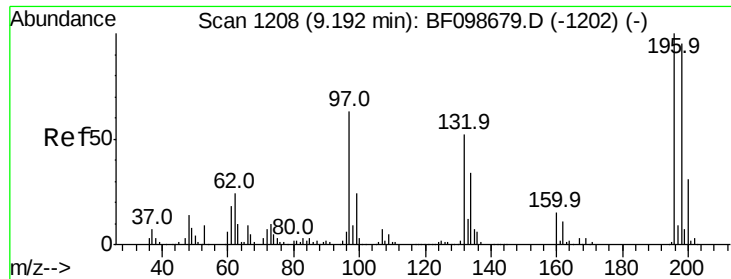
10/3/2017 6:50:41 PM



#41
2,4,6-Tribromophenol
Concen: 99.781 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	77.0	115.6	
141	41.3	29.9	44.9	





#42

2,4,6-Trichlorophenol

Concen: 33.278 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Instrument :

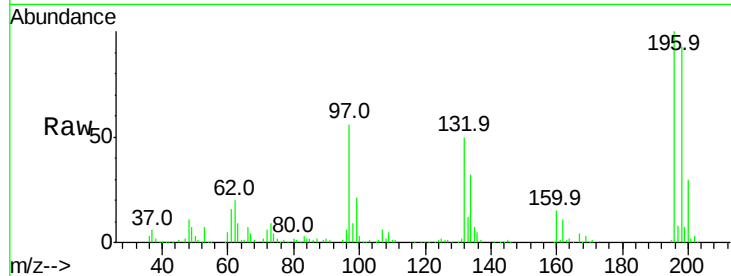
BNA_F

ClientSampleId :

SASP2P-ENV-114-1(10-16)MSD

Tot Ion:	196	Resp:	178307
Ion Ratio	Lower	Upper	
196	100		
198	93.5	75.7	113.5
200	30.1	24.5	36.7

Manual Integrations
APPROVED

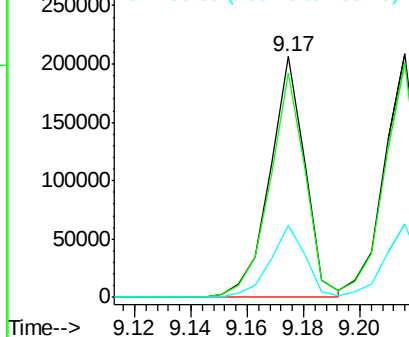


Abundance

Ion 196.00 (195.70 to 196.70): E

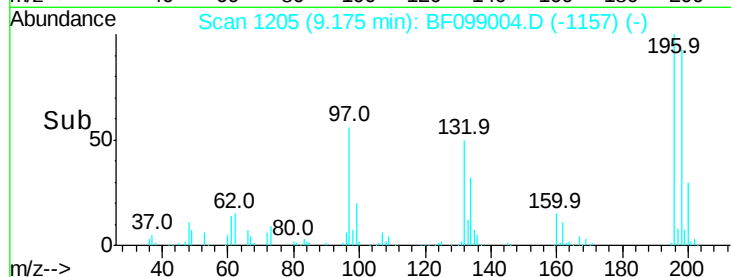
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



Sohil

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#43

2,4,5-Trichlorophenol

Concen: 34.208 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Tgt Ion:	196	Resp:	182969
Ion Ratio	Lower	Upper	
196	100		
198	96.4	74.6	112.0
97	49.9	42.9	64.3
132	31.3	26.3	39.5

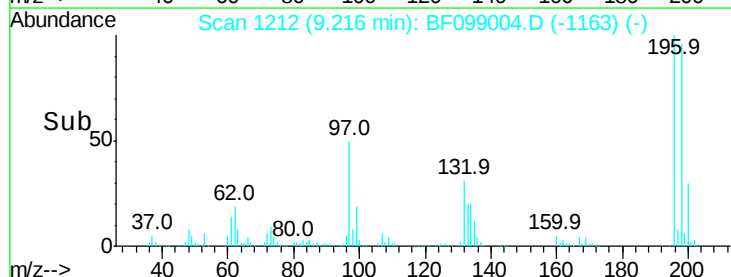
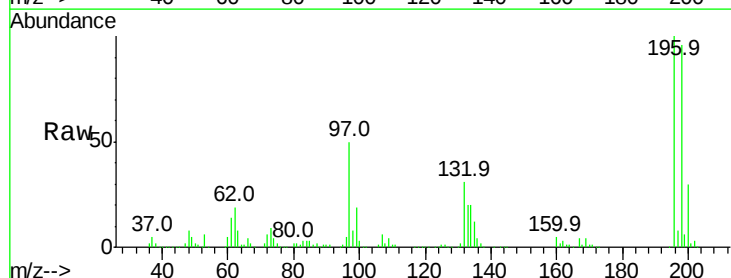
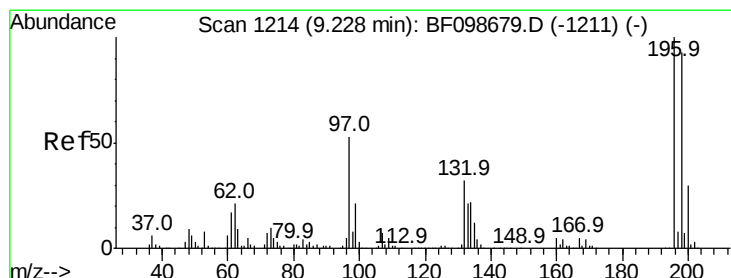
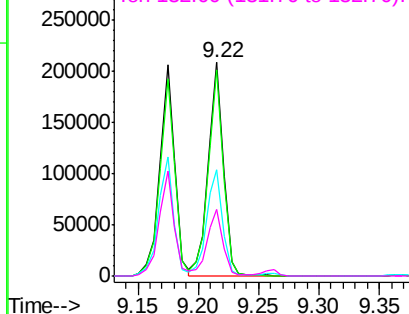
Abundance

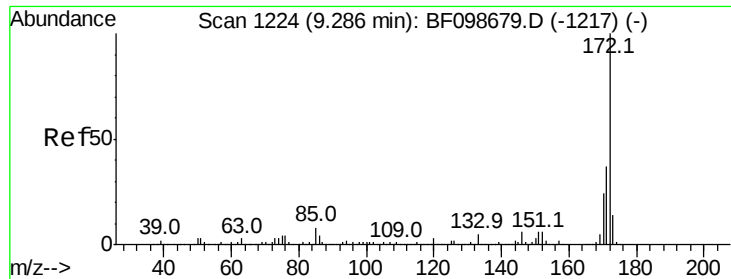
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



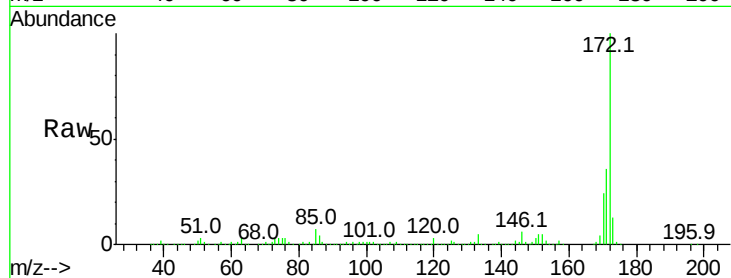


#44
2-Fluorobiphenyl
Concen: 74.408 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

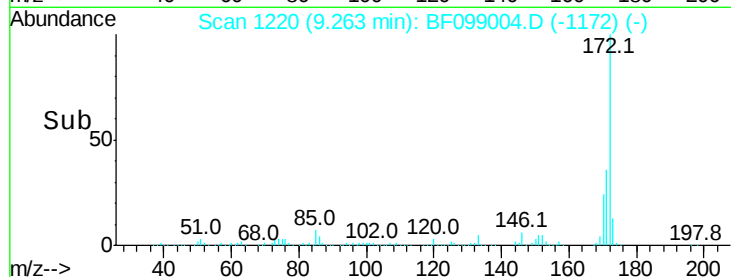
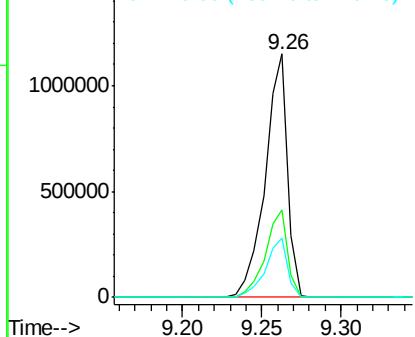
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MSD

Tot Ion:172 Resp: 1130379
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.1 19.6 29.4

Manual Integrations
APPROVED

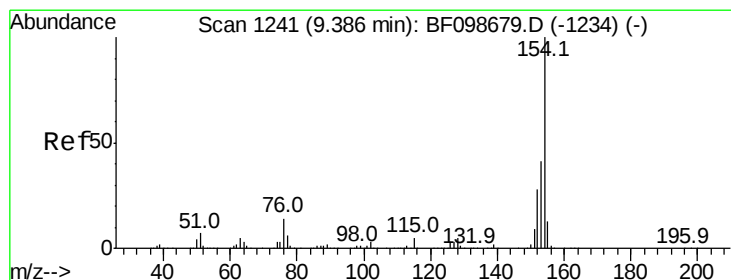


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



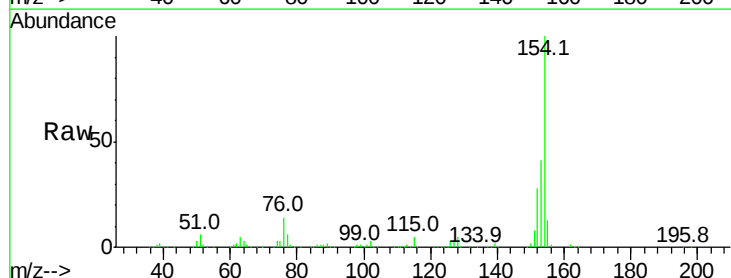
Sohil

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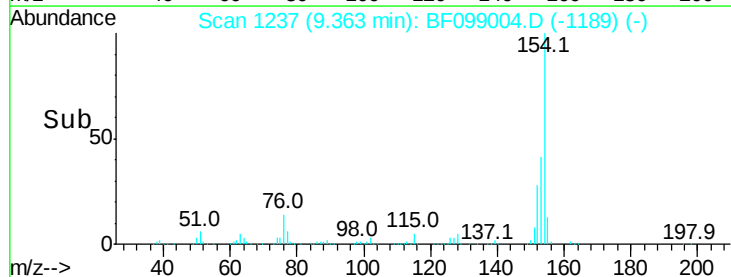
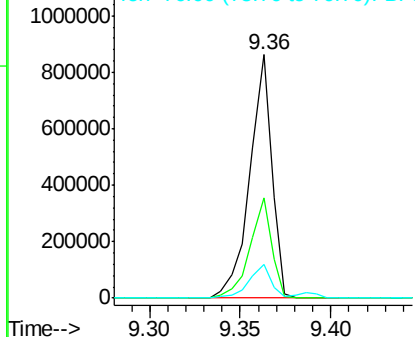


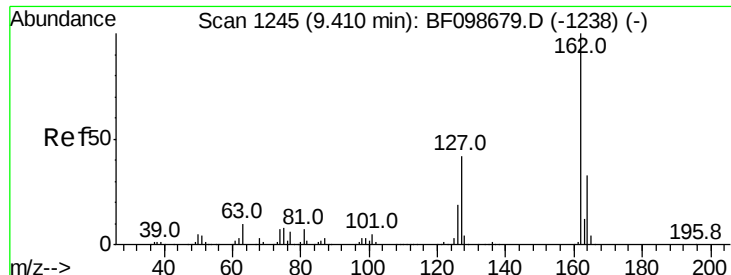
#45
1,1'-Biphenyl
Concen: 33.526 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion:154 Resp: 730736
Ion Ratio Lower Upper
154 100
153 41.0 21.3 61.3
76 13.9 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



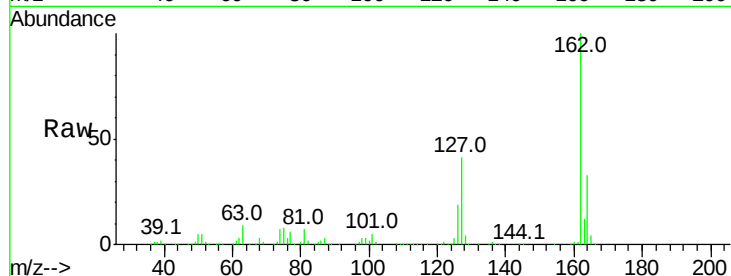


#46
 2-Chloronaphthalene
 Concen: 35.004 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. -0.02 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

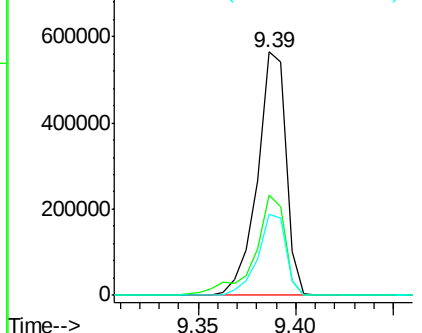
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-114-1(10-16)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	572841		
127	41.1		33.9	50.9
164	33.1		26.5	39.7

Manual Integrations
 APPROVED

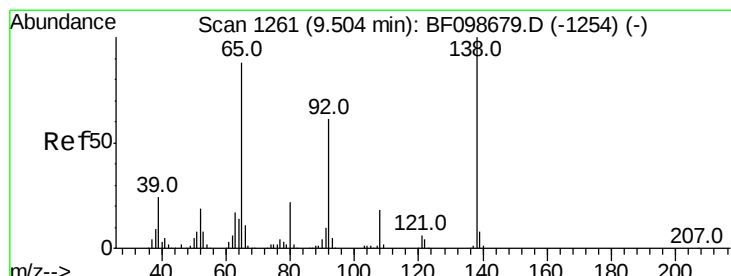
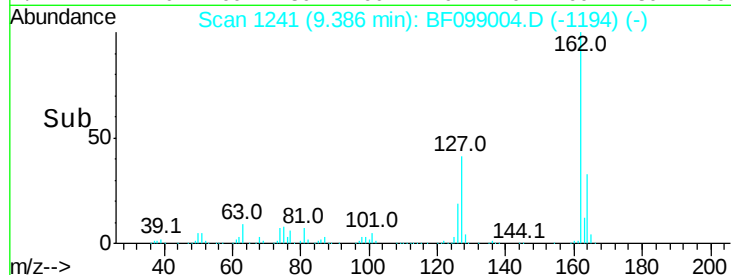


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



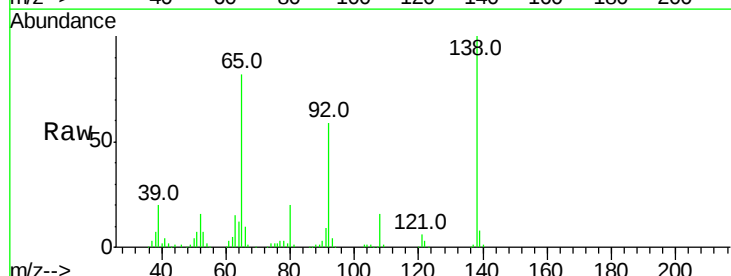
Sohil

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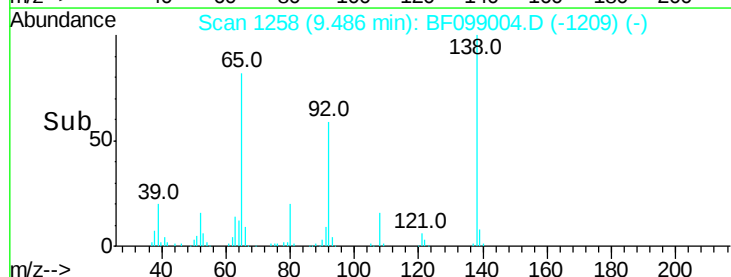
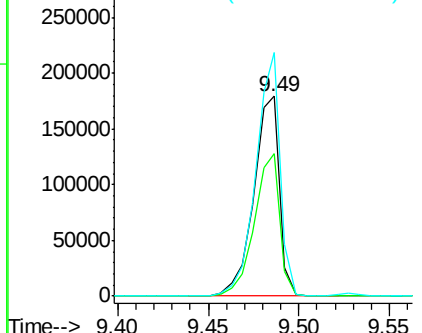


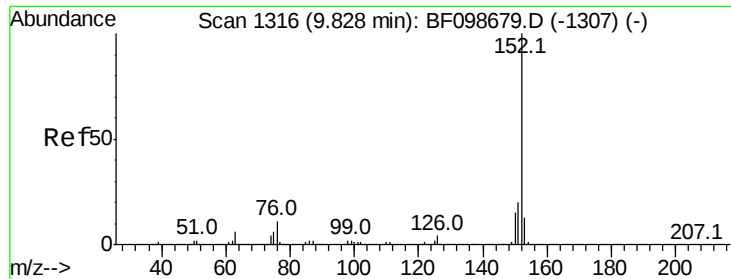
#47
 2-Nitroaniline
 Concen: 35.349 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	177132		
92	71.4		55.8	83.6
138	121.7		91.2	136.8



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 34.533 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Instrument :

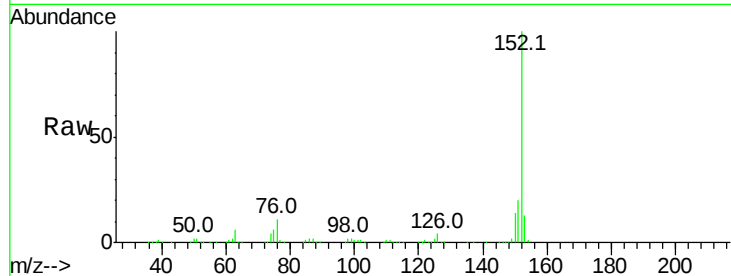
BNA_F

ClientSampleId :

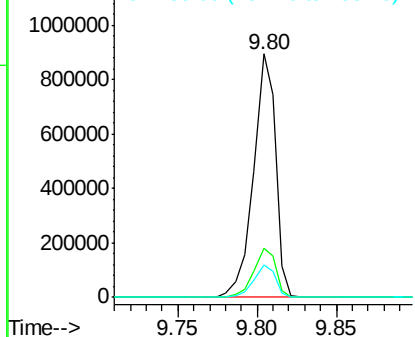
SASP2P-ENV-114-1(10-16)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.5	10.7	16.1

Manual Integrations
APPROVED

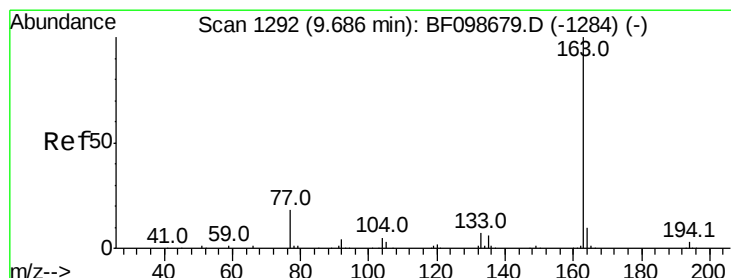
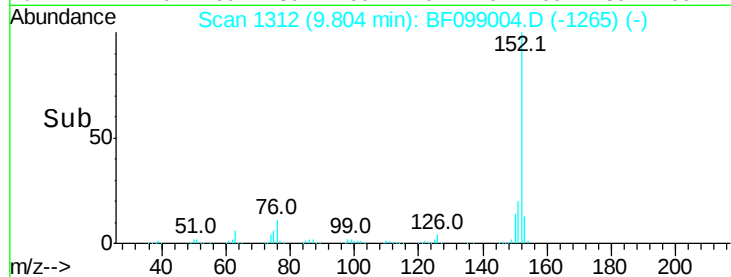


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



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#49

Dimethylphthalate

Concen: 43.077 ng

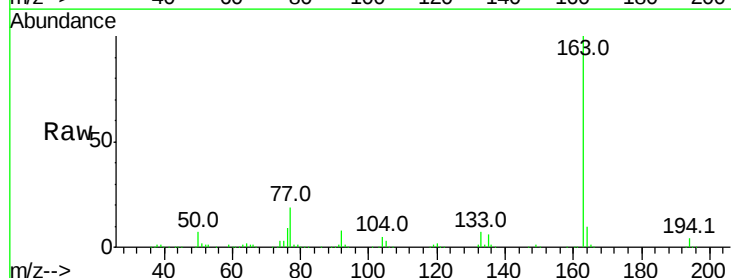
RT: 9.66 min Scan# 1288

Delta R.T. -0.02 min

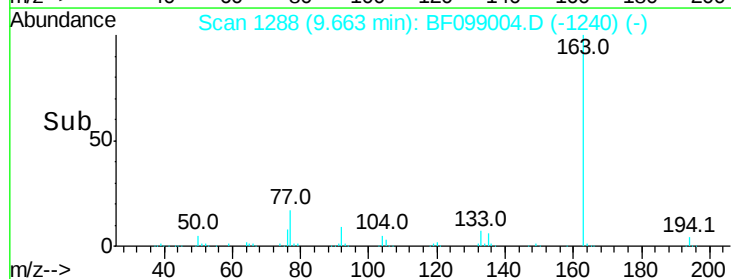
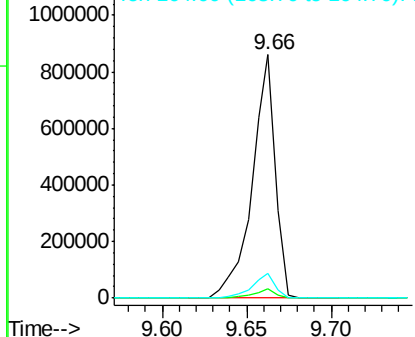
Lab File: BF099004.D

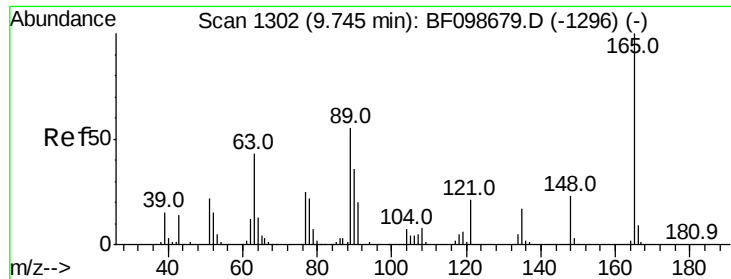
Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.3	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



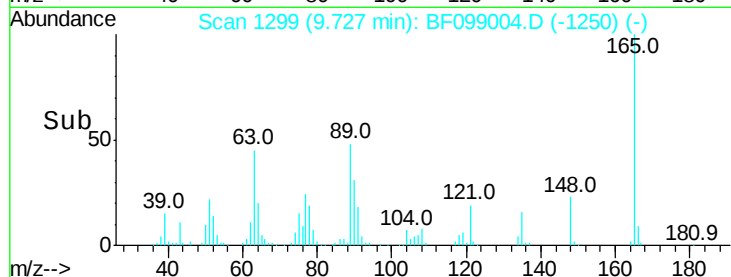
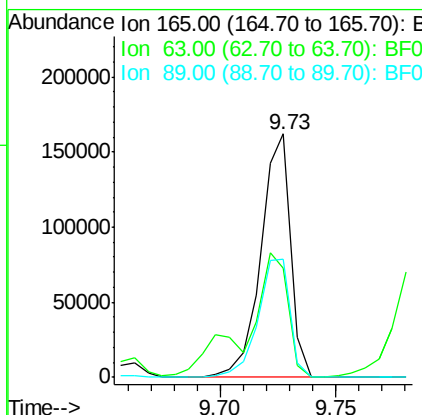
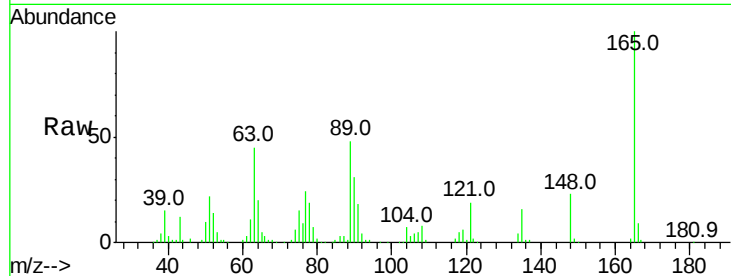


#50
 2,6-Dinitrotoluene
 Concen: 34.889 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-114-1(10-16)MSD

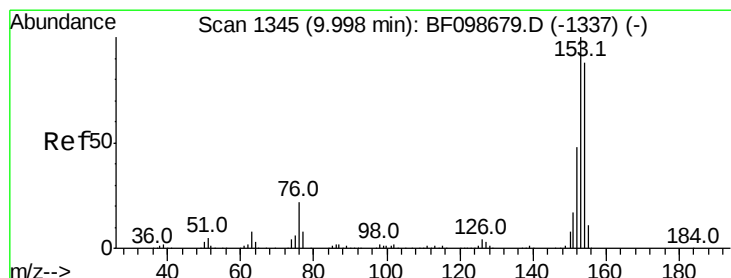
Tot Ion	Ratio	Resp	Lower	Upper
165	100	145390		
63	45.1		44.7	67.1
89	48.3		44.0	66.0

Manual Integrations
 APPROVED



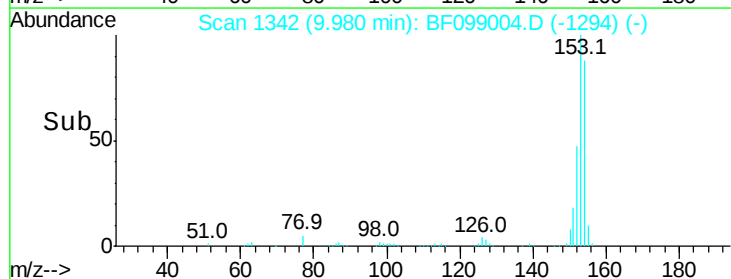
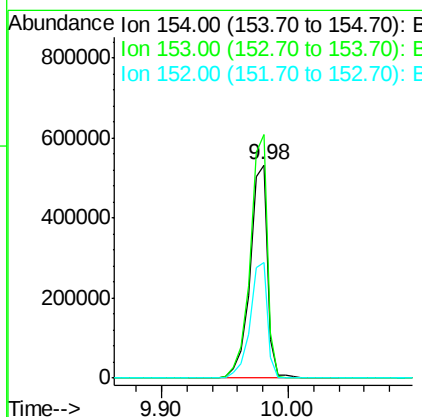
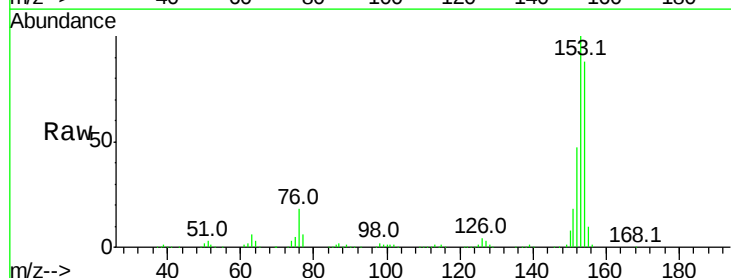
Sohil

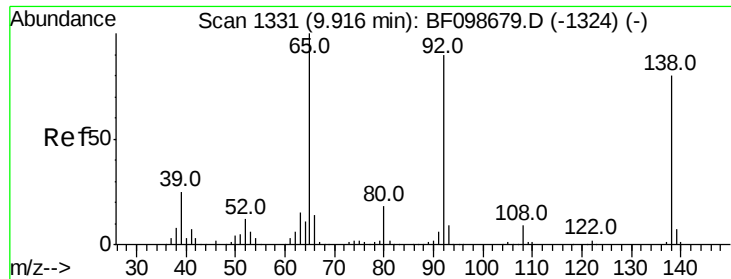
10/3/2017 6:50:41 PM



#51
 Acenaphthene
 Concen: 32.514 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.02 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	515980		
153	114.3		91.2	136.8
152	54.0		43.8	65.8



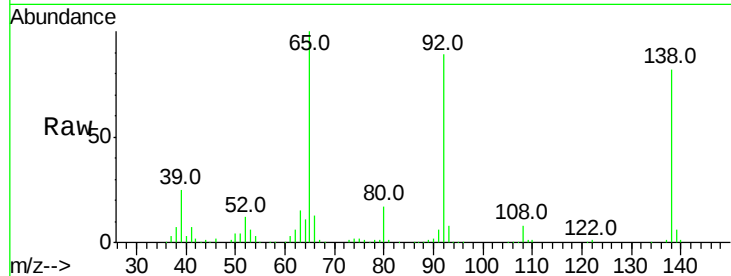


#52
3-Nitroaniline
Concen: 27.628 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

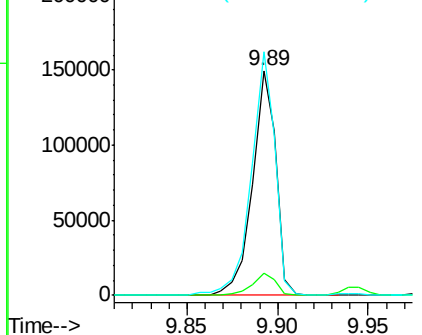
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.4	14.0
92	108.4	89.4	134.2

Manual Integrations
APPROVED

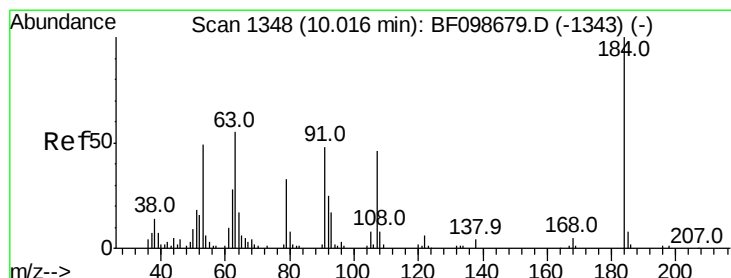
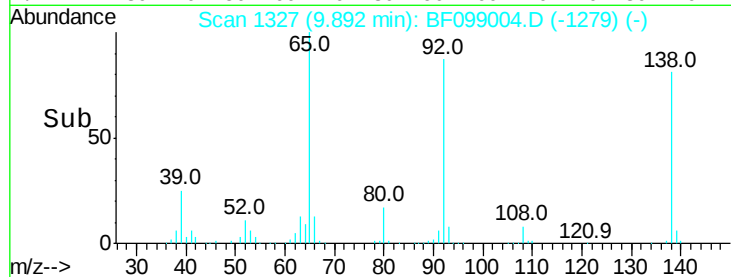


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0



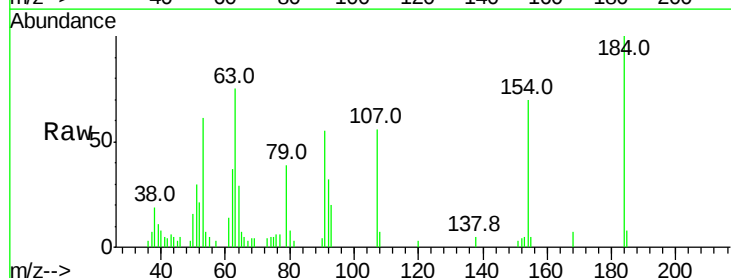
Sohil

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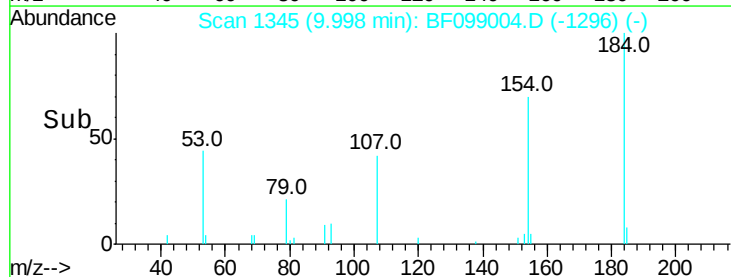
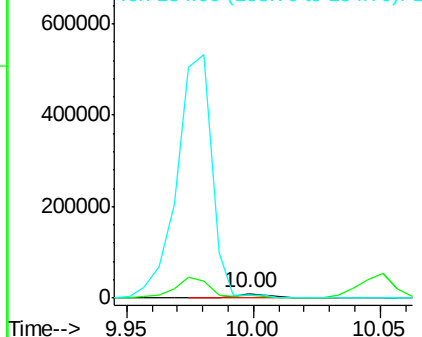


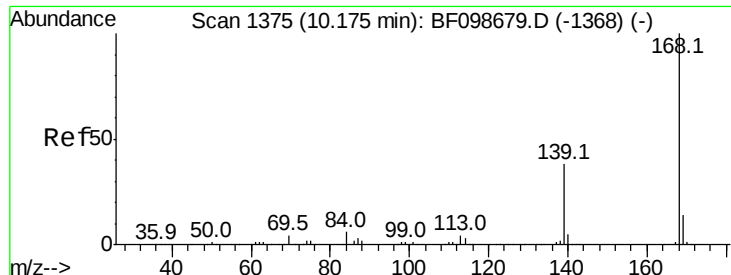
#53
2,4-Dinitrophenol
Concen: 10.002 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.8	54.2	81.2
154	69.7	53.5	80.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E



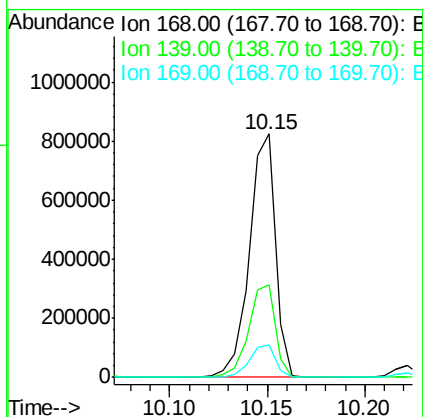
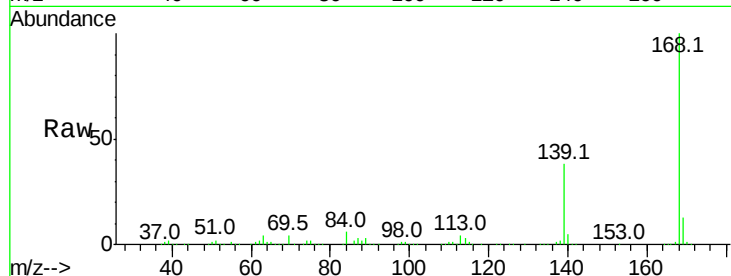


#54
Dibenzenofuran
Concen: 35.989 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MSD

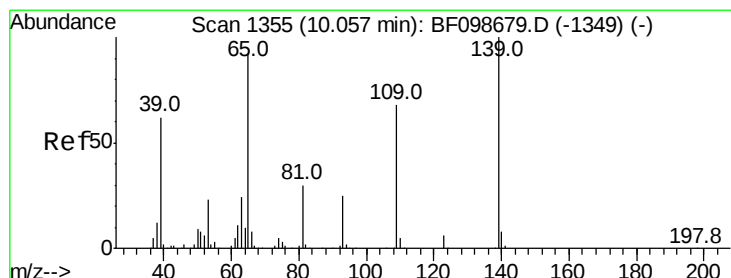
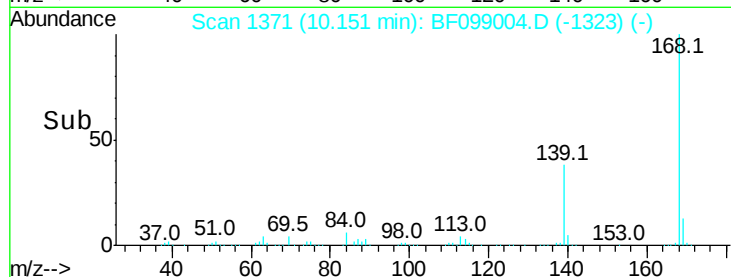
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.1	45.1
169	13.1	10.9	16.3

Manual Integrations
APPROVED



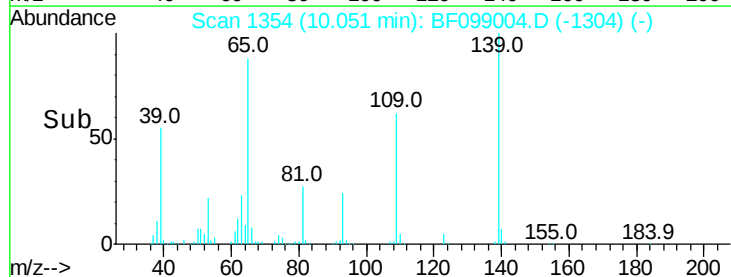
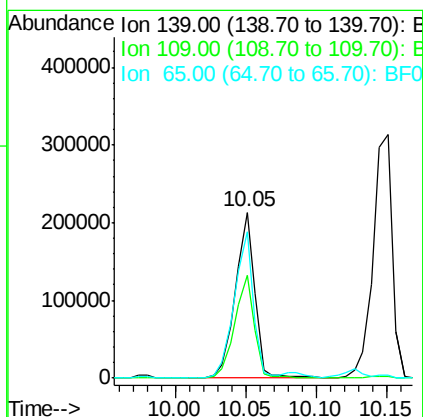
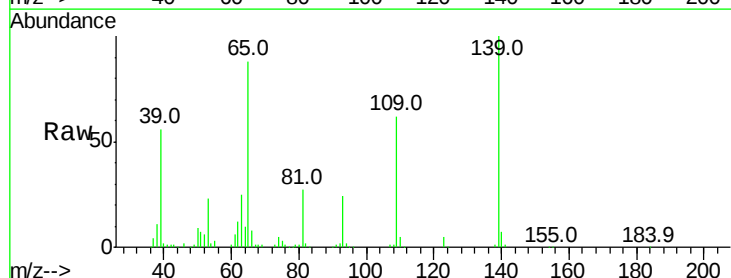
Sohil

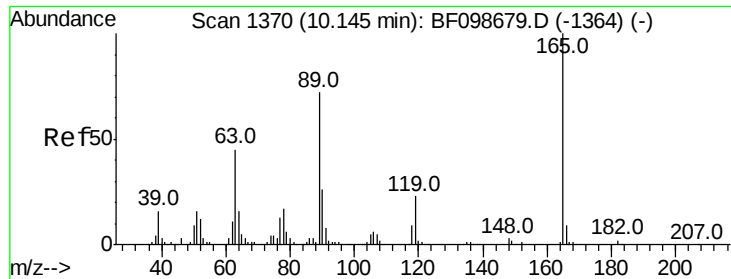
10/3/2017 6:50:41 PM



#55
4-Nitrophenol
Concen: 49.976 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.6	48.4	88.4
65	87.8	72.6	112.6



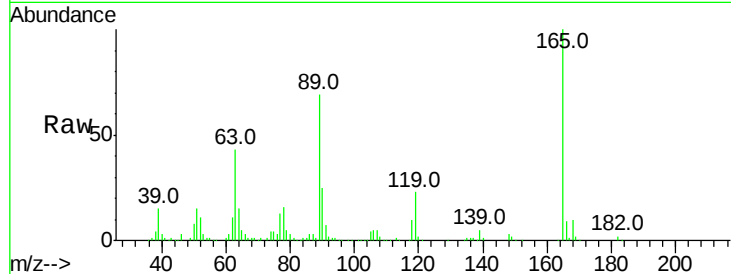


#56
2,4-Dinitrotoluene
Concen: 34.474 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		186444		
63	42.8	36.4	54.6		
89	69.2	57.8	86.6		
182	2.3	1.6	2.4		

Manual Integrations
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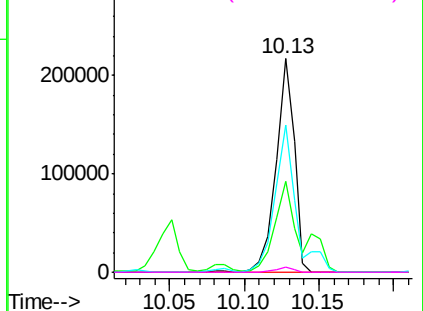


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

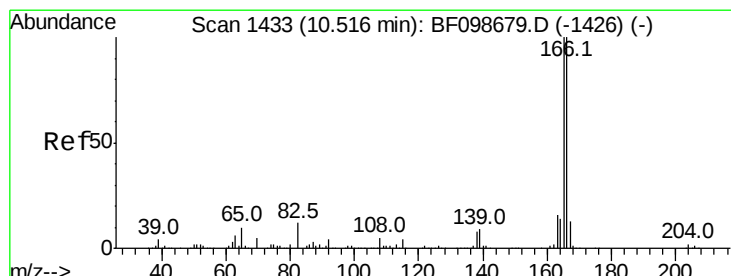
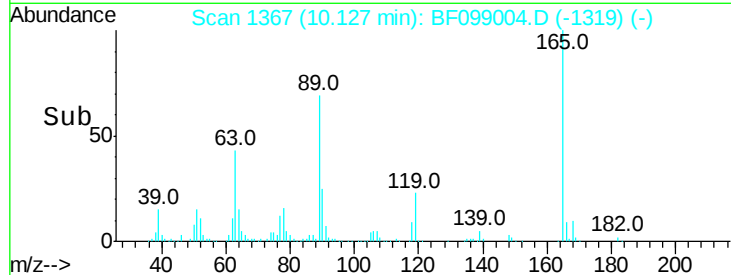
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



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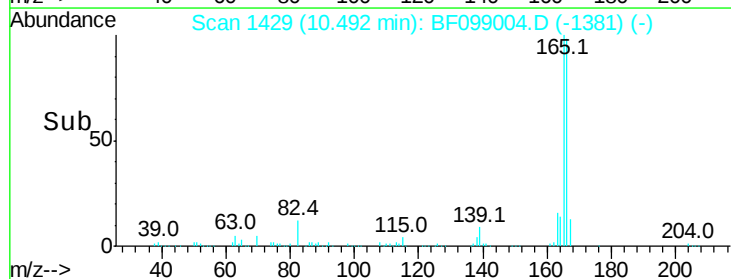
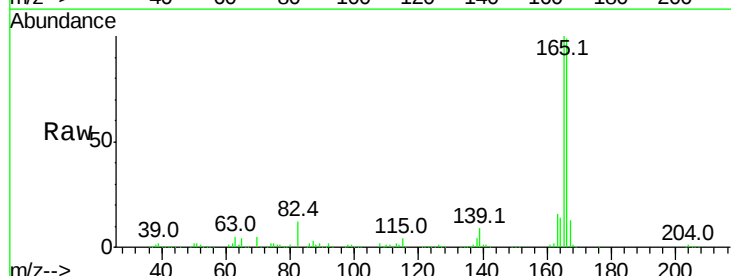
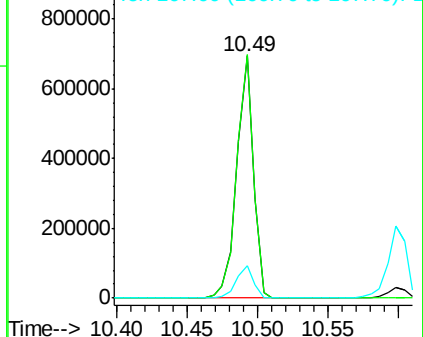
#57
Fluorene
Concen: 33.764 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

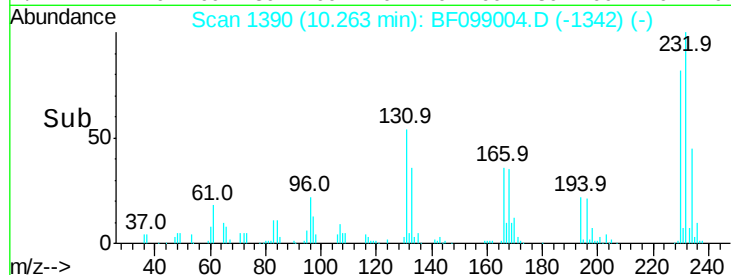
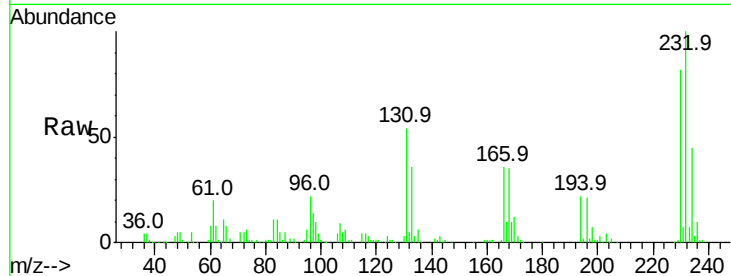
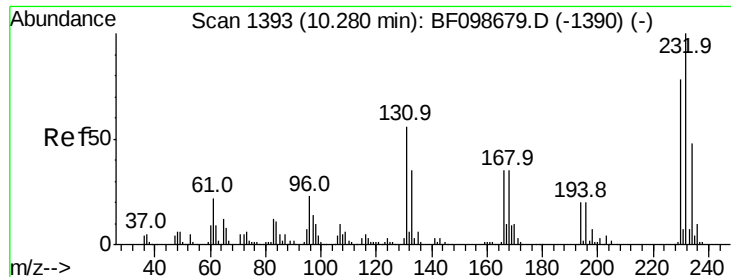
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		573413		
165	100.6	79.8	119.8		
167	13.4	10.6	16.0		

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



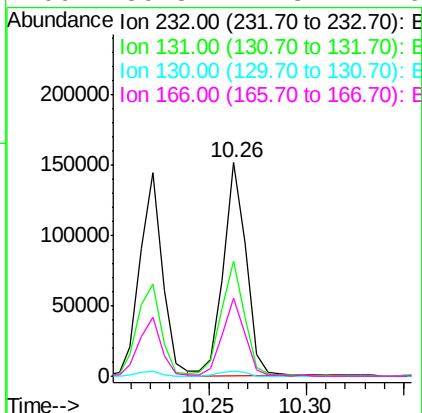


#58
2,3,4,6-Tetrachlorophenol
Concen: 33.382 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tot Ion	Ratio	Resp	Lower	Upper
232	100	123344		
131	56.5	43.8	65.8	
130	2.6	2.1	3.1	
166	36.8	27.8	41.6	

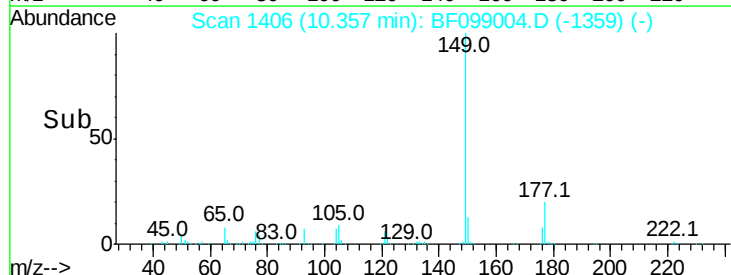
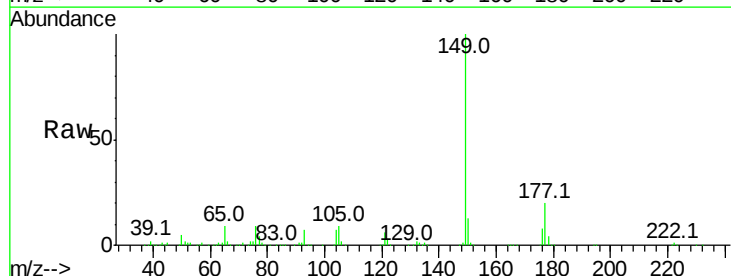
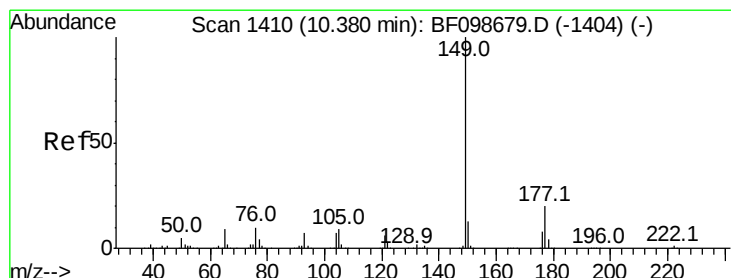
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MSD

Manual Integrations
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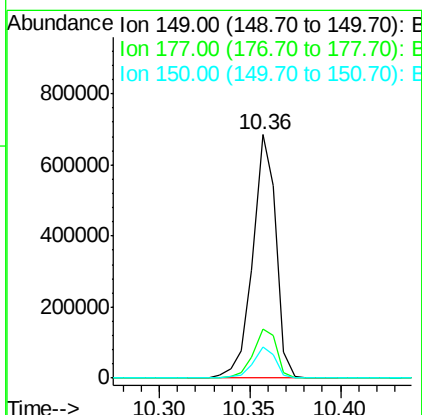
Sohil

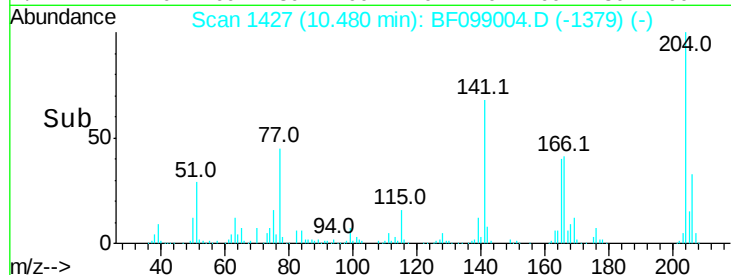
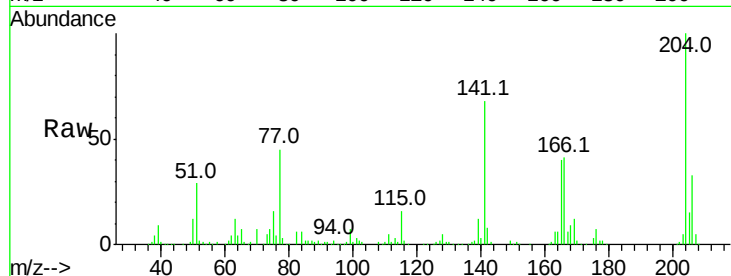
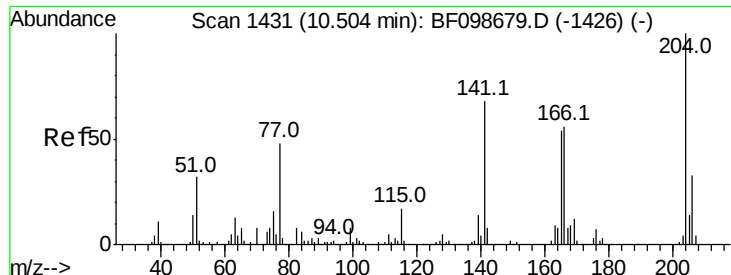
10/3/2017 6:50:41 PM



#59
Diethylphthalate
Concen: 32.429 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	606548		
177	20.1	16.1	24.1	
150	12.5	10.1	15.1	



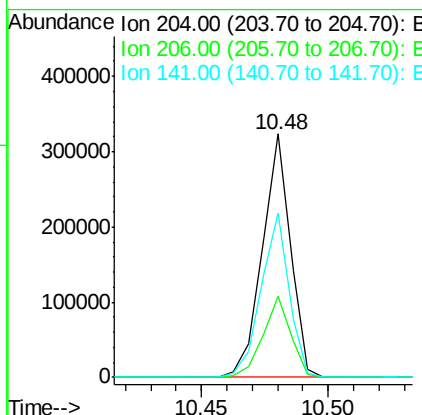


#60
4-Chlorophenyl-phenylether
Concen: 33.070 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MSD

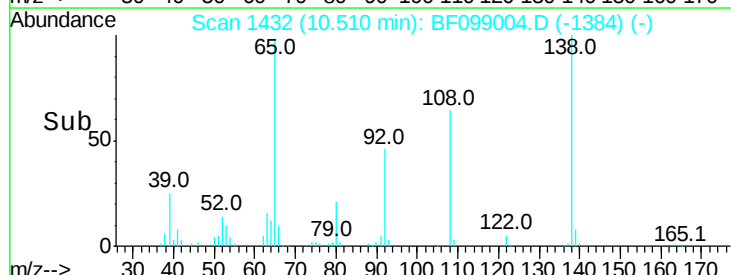
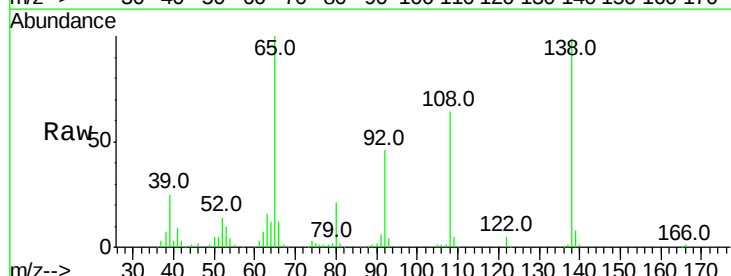
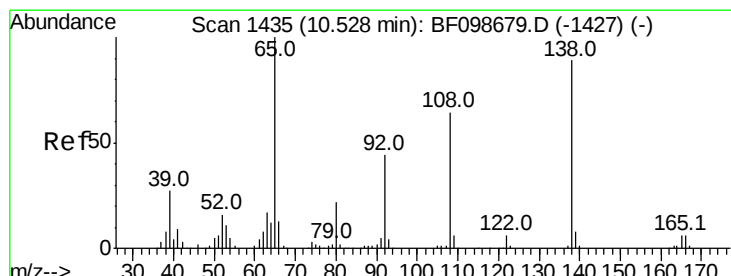
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.5	39.7
141	67.6	54.6	81.8

Manual Integrations
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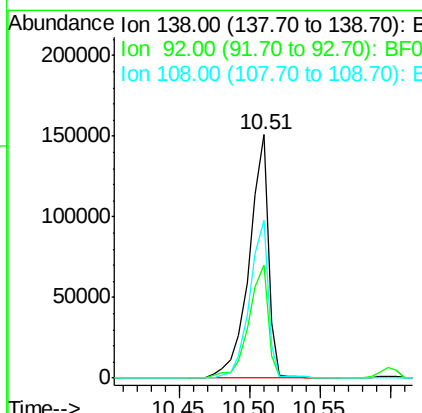
Sohil

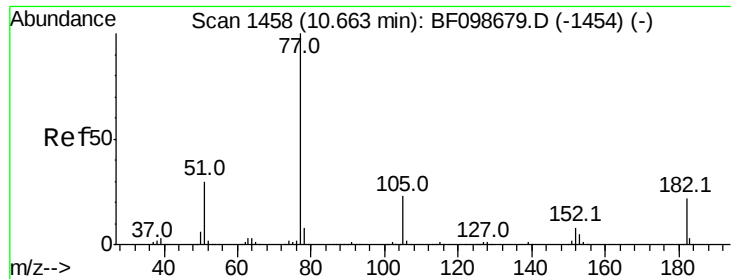
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#61
4-Nitroaniline
Concen: 30.820 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.3	30.2	70.2
108	64.8	52.5	92.5



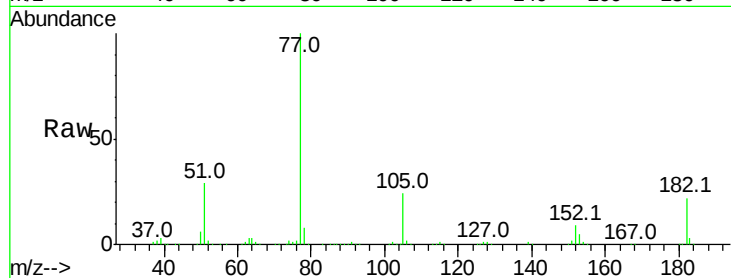


#62
Azobenzene
Concen: 34.535 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

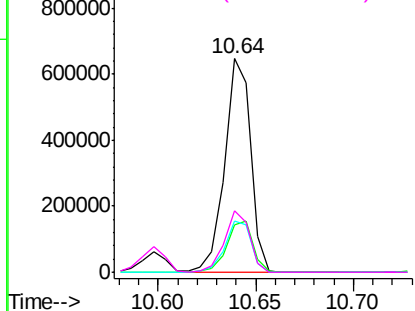
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	22.3	1.7	41.7		
105	23.9	3.0	43.0		
51	28.8	9.9	49.9		

Manual Integrations
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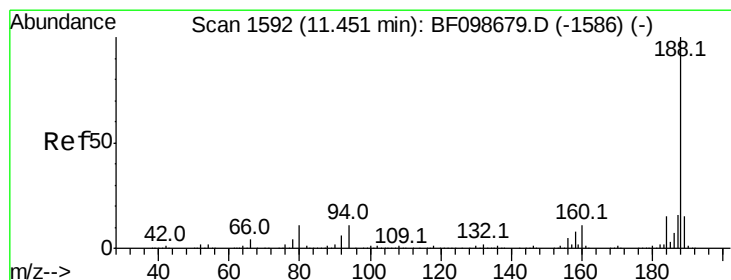
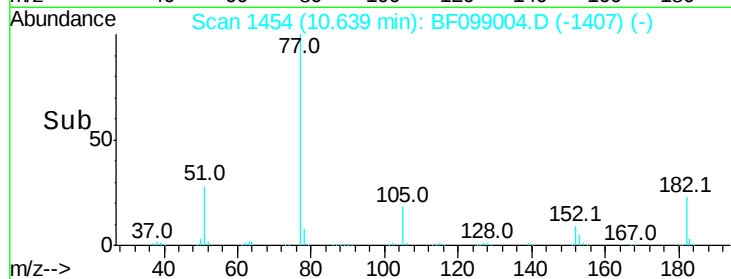


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0



Sohil

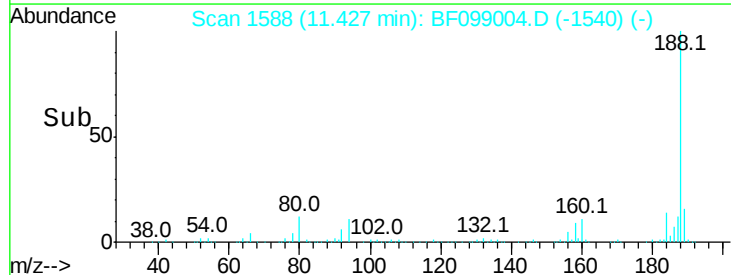
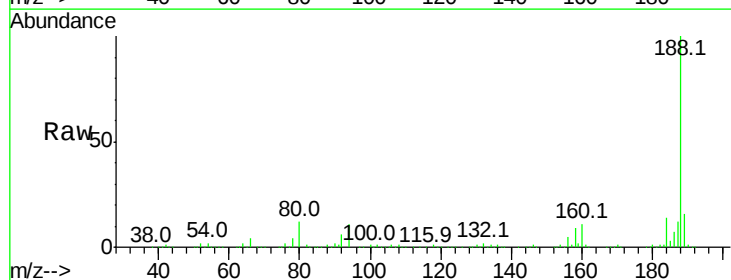
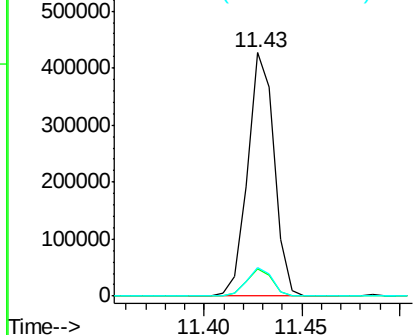
10/3/2017 6:50:41 PM

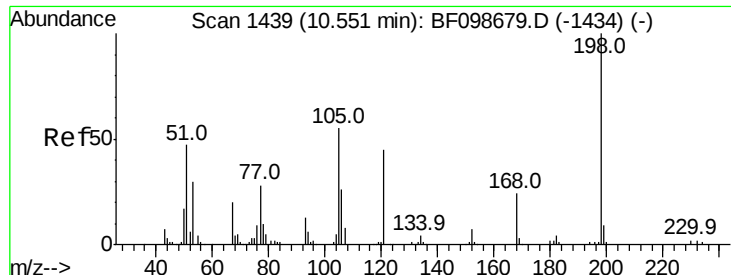


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	11.1	8.5	12.7		
80	11.9	9.2	13.8		

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 17.732 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-114-1(10-16)MSD

Tot Ion:198 Resp: 43333

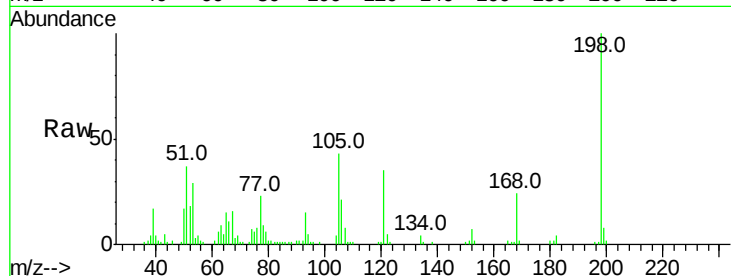
Ion Ratio Lower Upper

198 100

51 37.2 37.7 77.7#

105 43.3 36.3 76.3

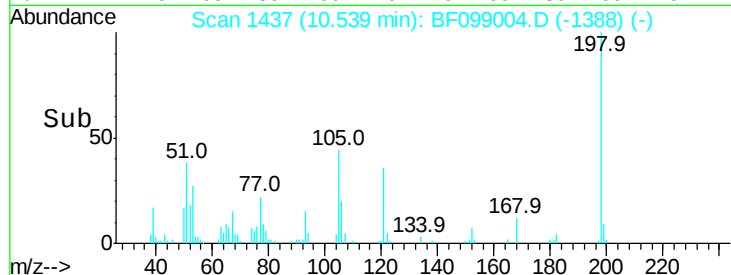
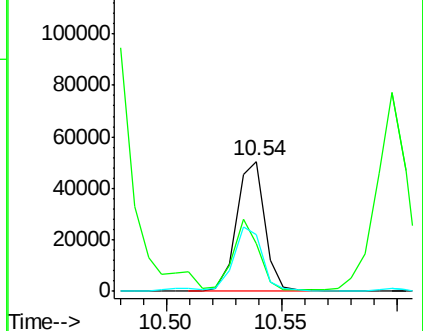
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Abundance Ion 198.00 (197.70 to 198.70): E

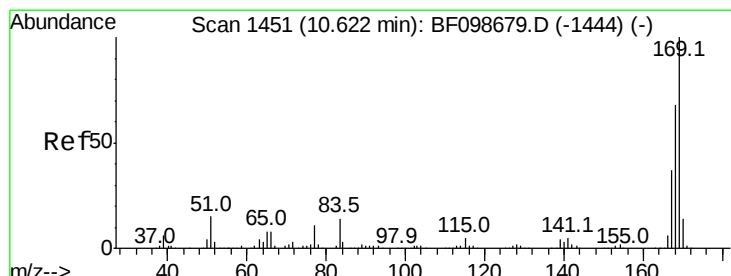
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



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#65

n-Nitrosodiphenylamine

Concen: 36.920 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

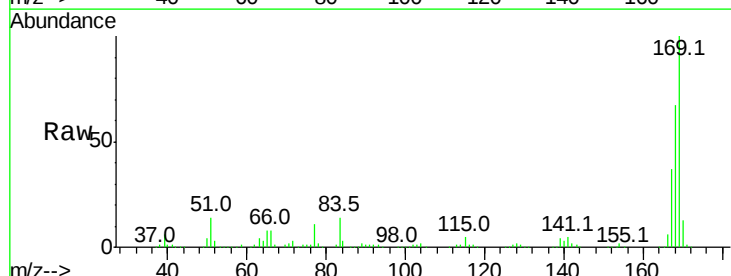
Tgt Ion:169 Resp: 513721

Ion Ratio Lower Upper

169 100

168 67.4 54.4 81.6

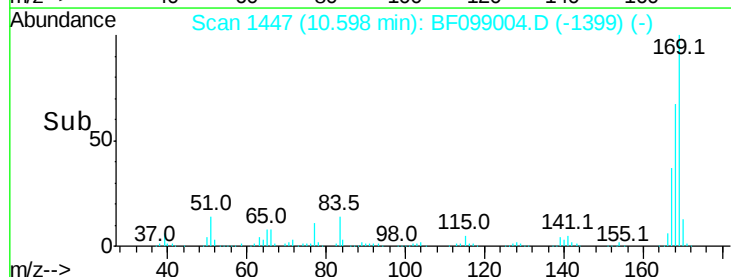
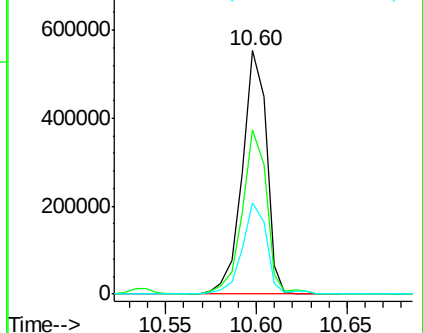
167 37.3 29.8 44.6

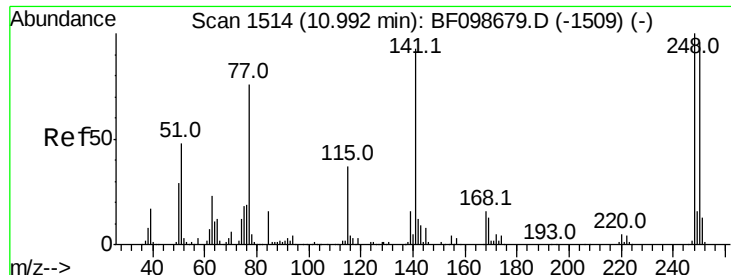


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



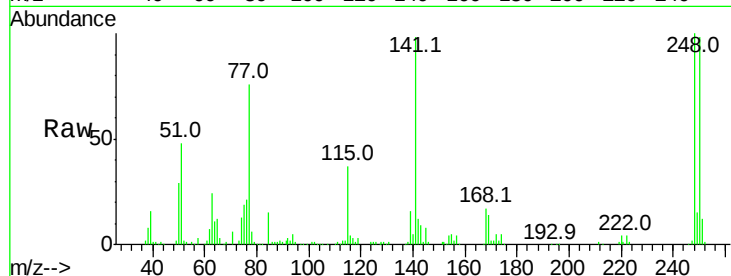


#66
4-Bromophenyl-phenylether
Concen: 36.403 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

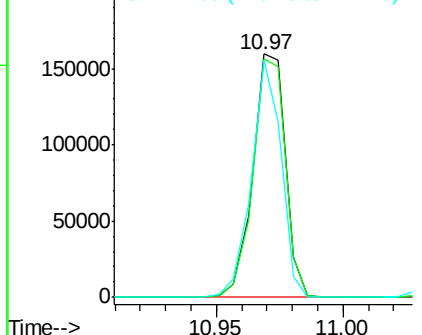
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.9	115.3
141	97.7	74.4	111.6

Manual Integrations
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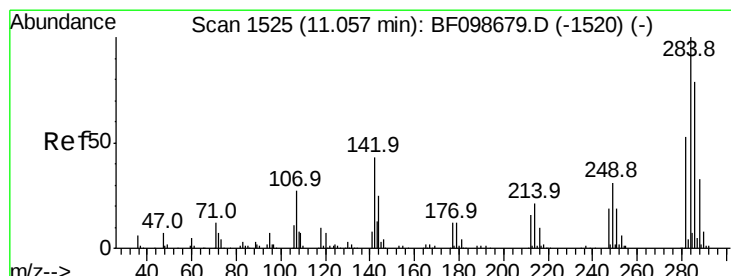
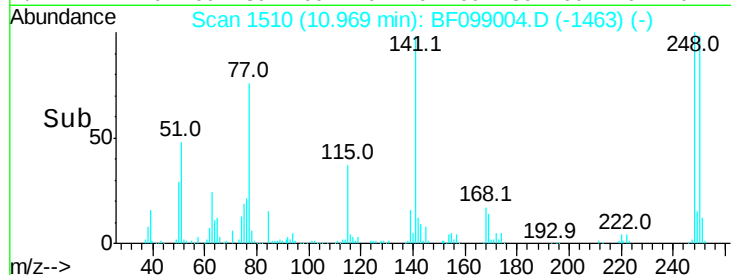


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



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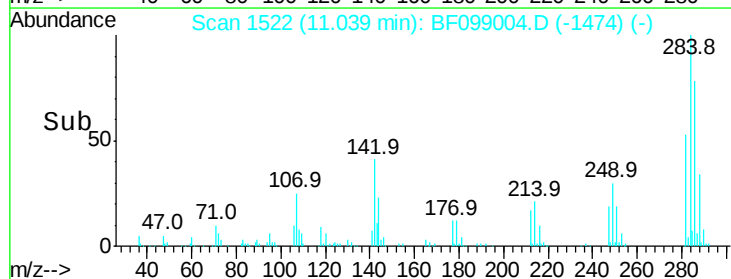
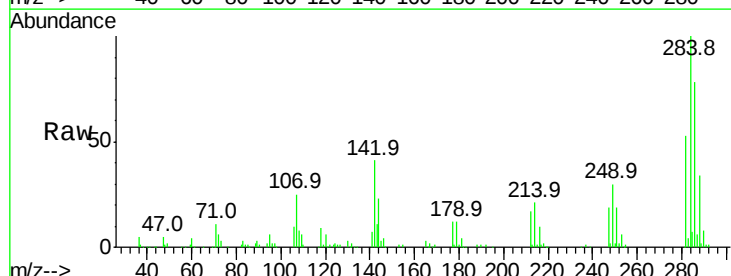
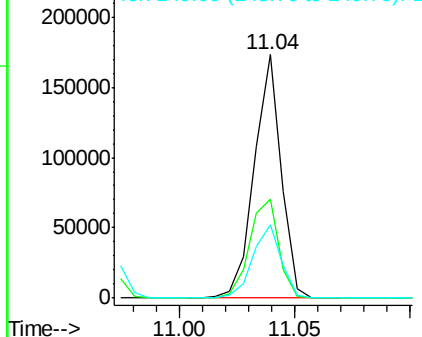
10/3/2017 6:50:41 PM

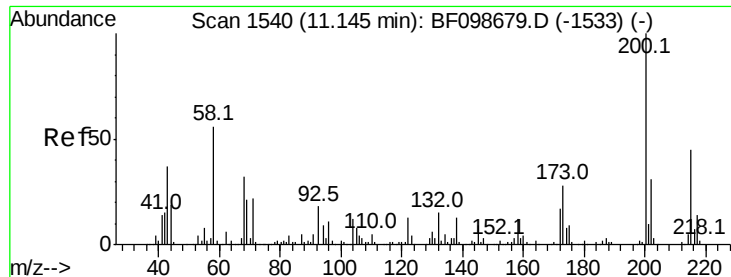


#67
Hexachlorobenzene
Concen: 33.547 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.6	34.6	52.0
249	30.3	24.8	37.2

Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



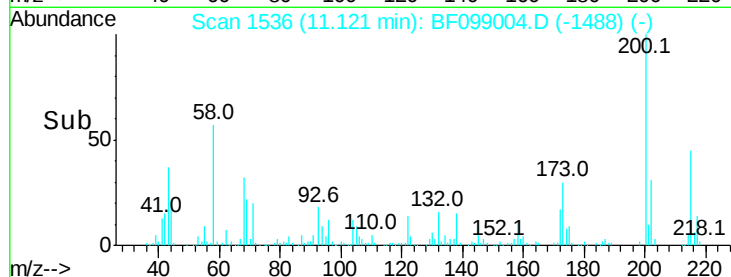
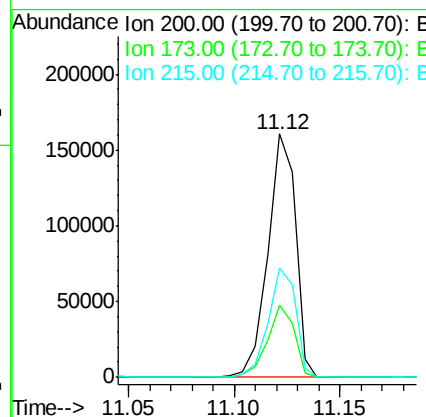
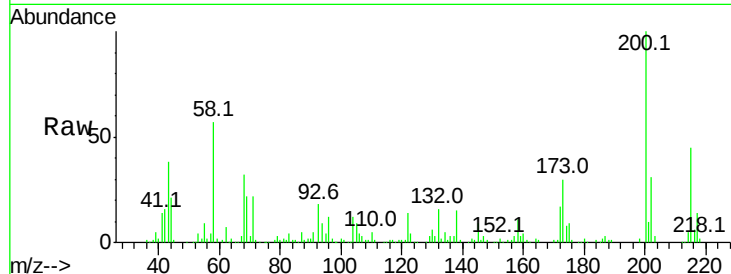


#68
Atrazine
Concen: 35.046 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MSD

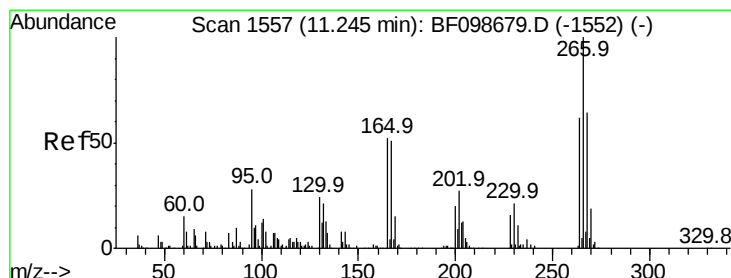
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.5	8.6	48.6
215	45.1	25.1	65.1

Manual Integrations
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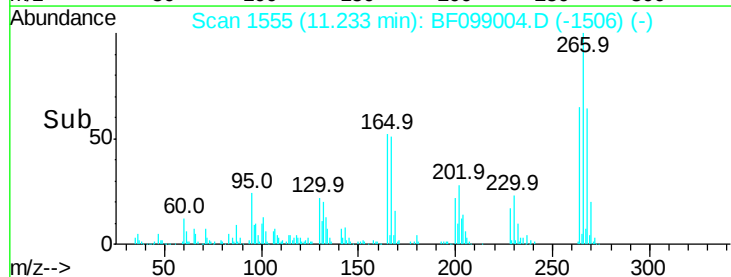
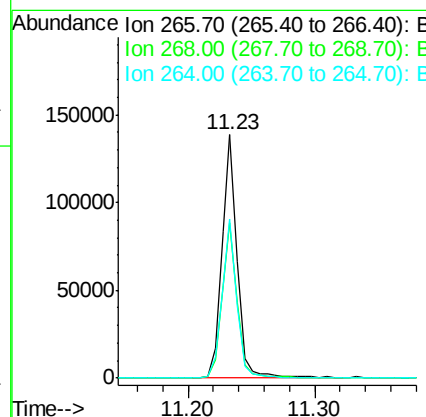
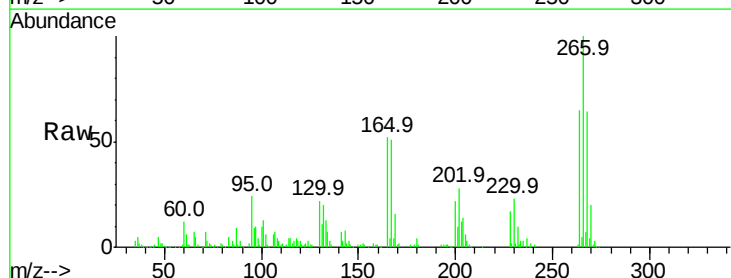
Sohil

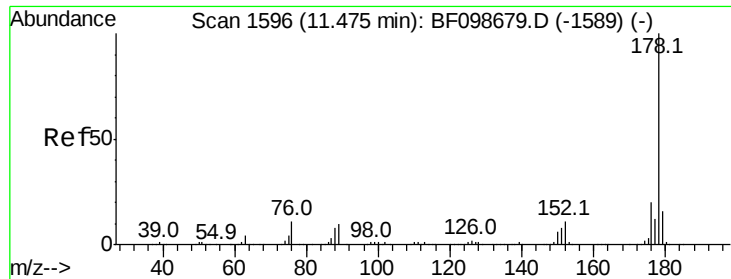
10/3/2017 6:50:41 PM



#69
Pentachlorophenol
Concen: 45.229 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.1	76.7
264	65.3	49.5	74.3



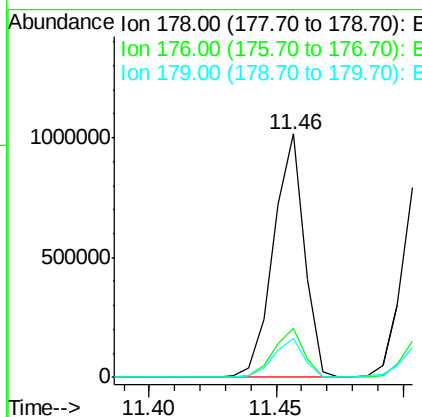
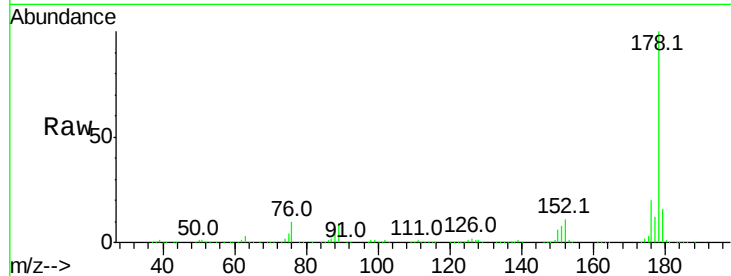


#70
 Phenanthrene
 Concen: 40.464 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.02 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-114-1(10-16)MSD

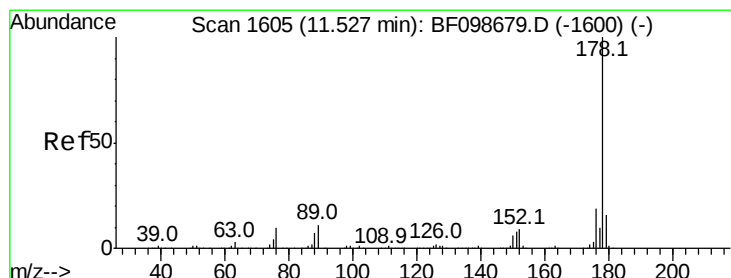
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.8	13.0	19.6

Manual Integrations
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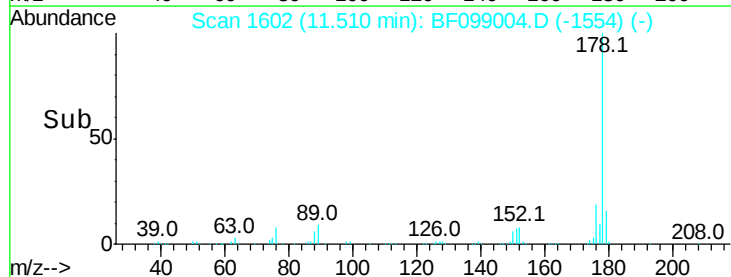
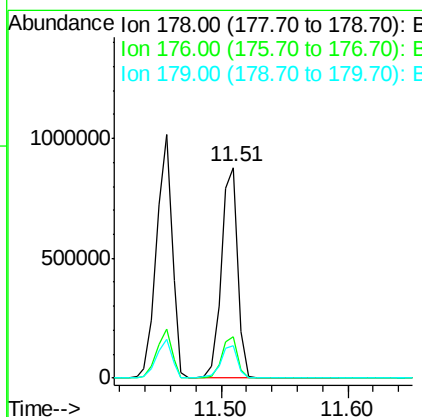
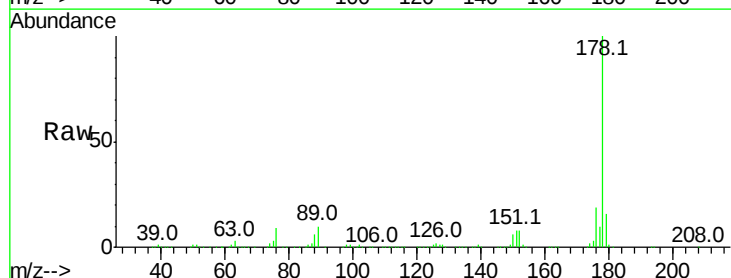
Sohil

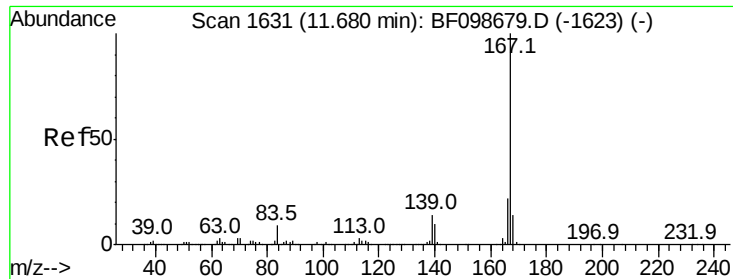
10/3/2017 6:50:41 PM



#71
 Anthracene
 Concen: 36.091 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.02 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.6	12.6	19.0





#72

Carbazole

Concen: 33.101 ng

RT: 11.66 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Instrument :

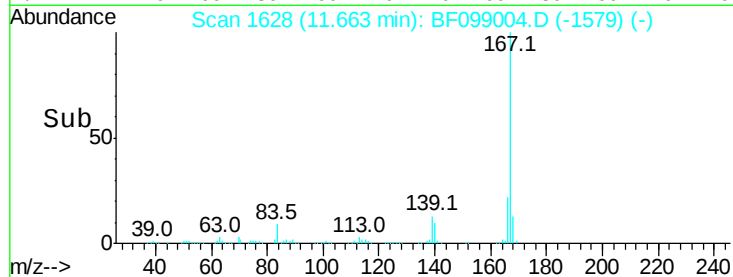
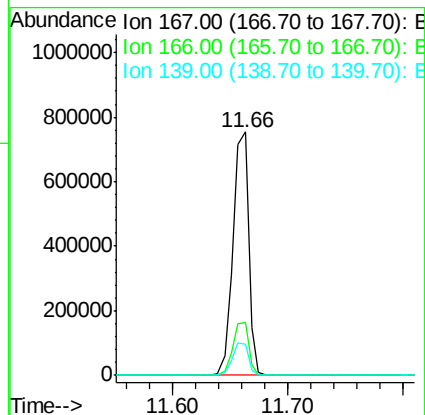
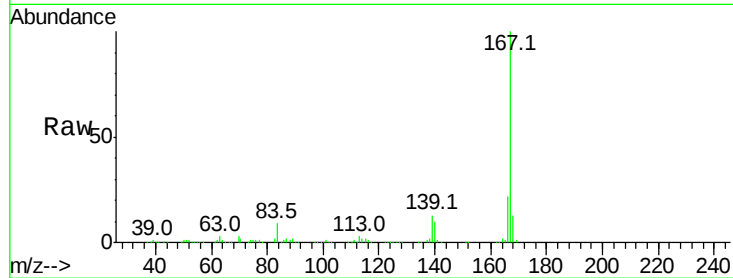
BNA_F

ClientSampleId :

SASP2P-ENV-114-1(10-16)MSD

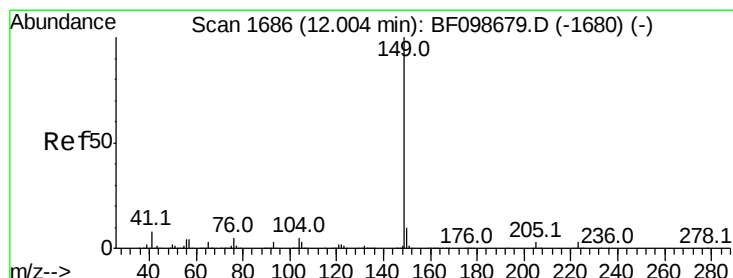
Tot Ion:	167	Resp:	713050
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.6	26.4
139	12.6	10.9	16.3

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#73

Di-n-butylphthalate

Concen: 32.666 ng m

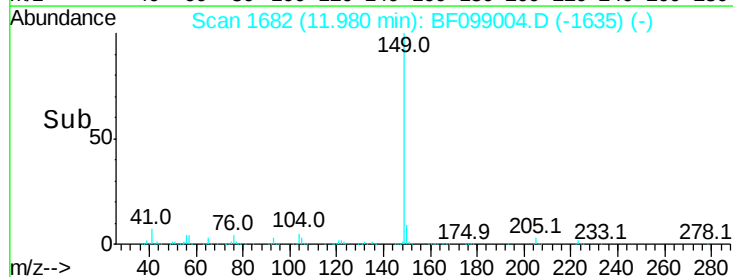
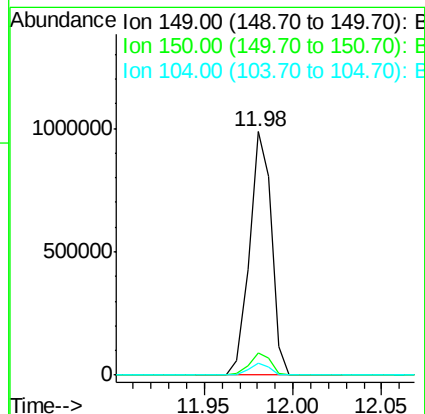
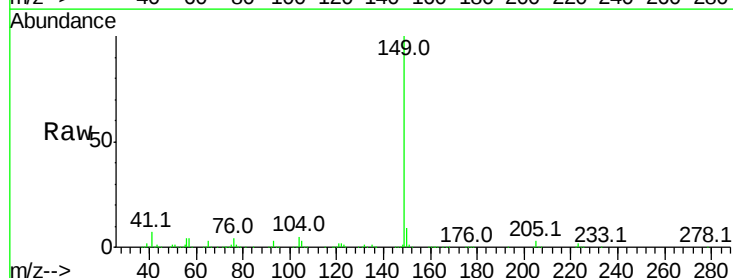
RT: 11.98 min Scan# 1682

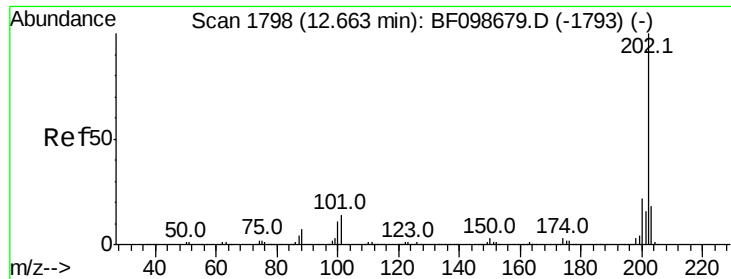
Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Tgt Ion:	149	Resp:	846994
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.8	3.8	5.8





#74

Fluoranthene

Concen: 36.774 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Instrument :

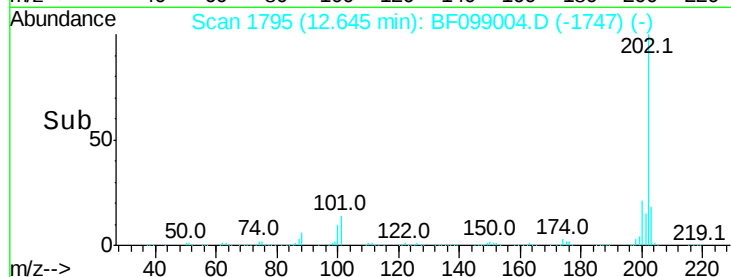
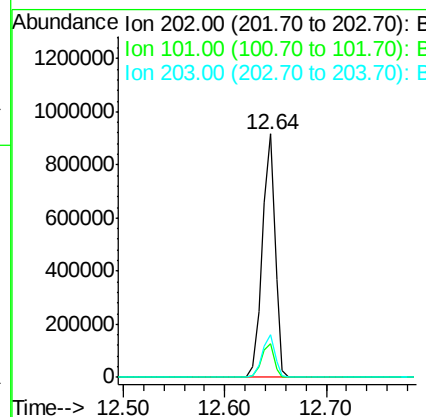
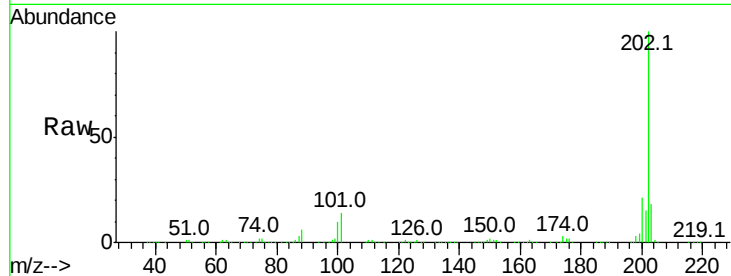
BNA_F

ClientSampleId :

SASP2P-ENV-114-1(10-16)MSD

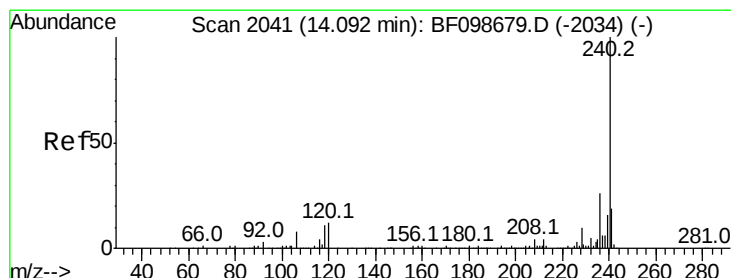
Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.7	0.0	34.1	
203	17.6	0.0	38.1	

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#75

Chrysene-d12

Concen: 20.000 ng

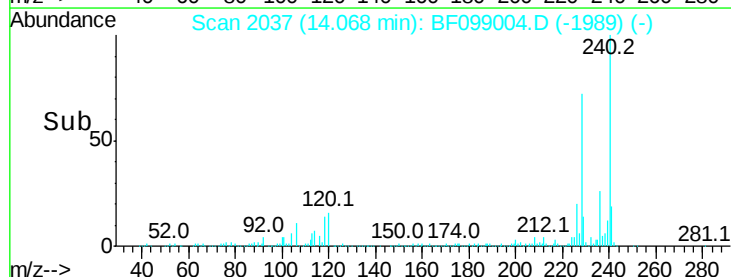
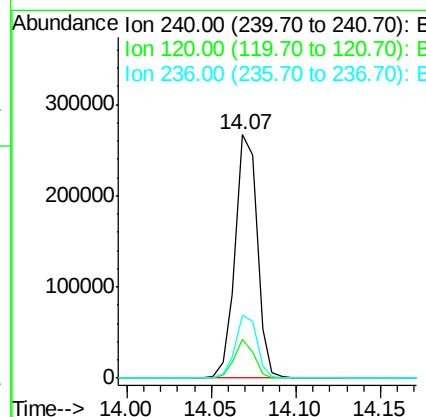
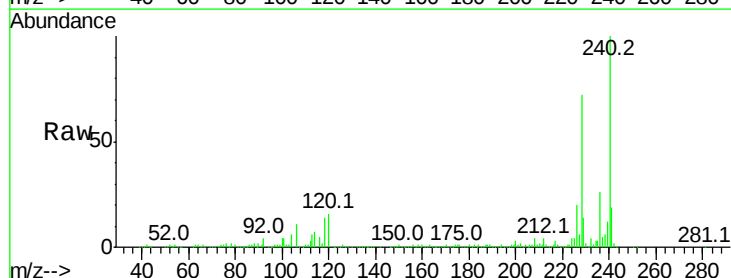
RT: 14.07 min Scan# 2037

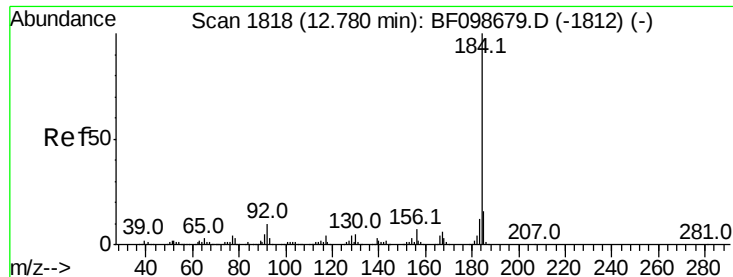
Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	16.1	9.5	14.3#	
236	25.9	20.7	31.1	





#76

Benzidine

Concen: 32.651 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Instrument :

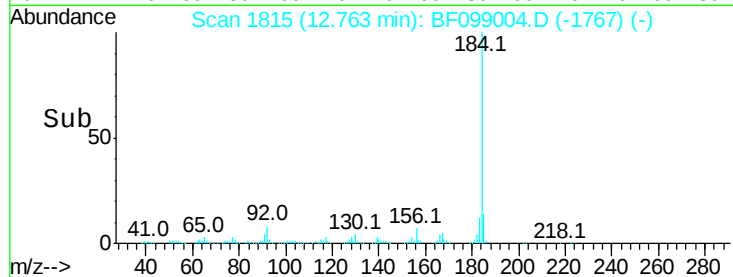
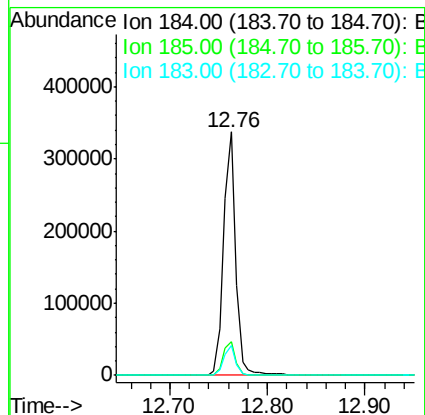
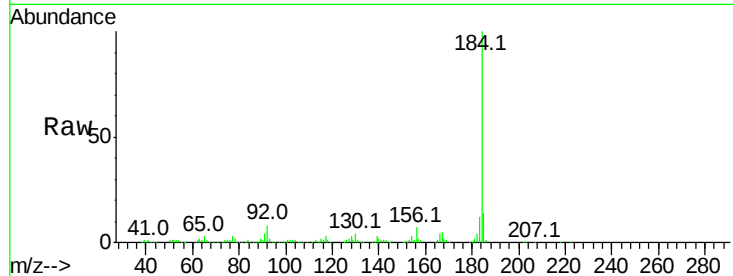
BNA_F

ClientSampleId :

SASP2P-ENV-114-1(10-16)MSD

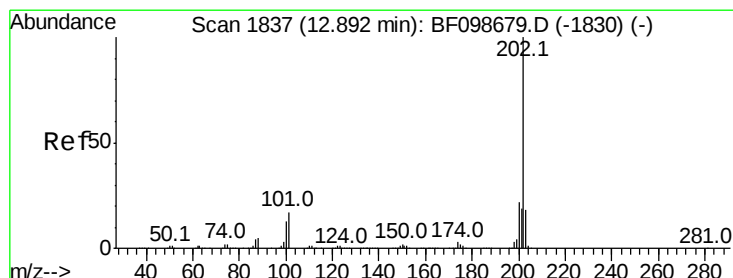
Tot Ion:	184	Resp:	292294
Ion Ratio	Lower	Upper	
184	100		
185	13.7	12.6	18.8
183	12.1	9.3	13.9

Manual Integrations
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#77

Pyrene

Concen: 42.194 ng

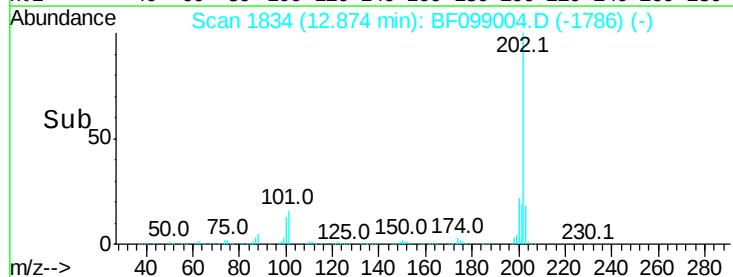
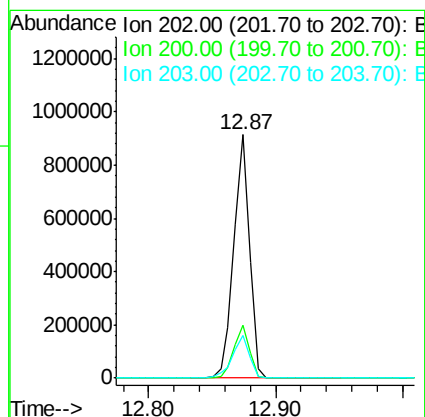
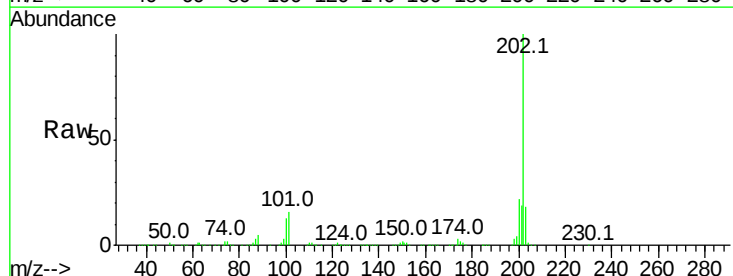
RT: 12.87 min Scan# 1834

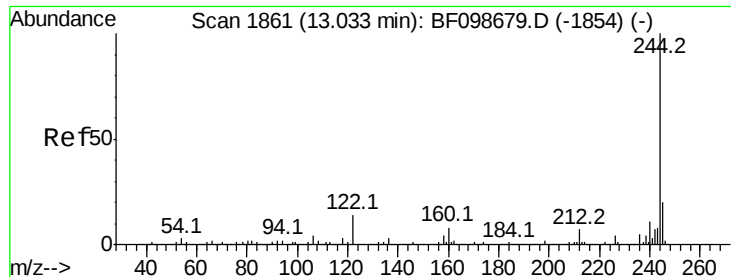
Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Tgt Ion:	202	Resp:	778753
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.4	26.2
203	17.6	14.3	21.5





#78

Terphenyl-d14

Concen: 71.775 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Instrument :

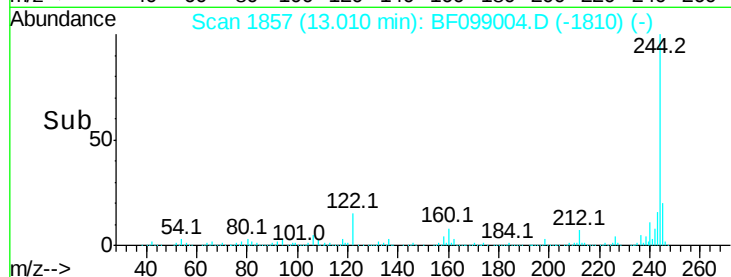
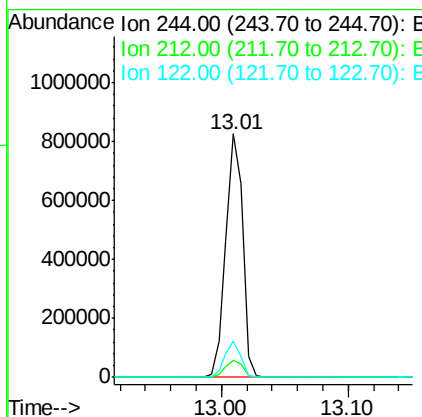
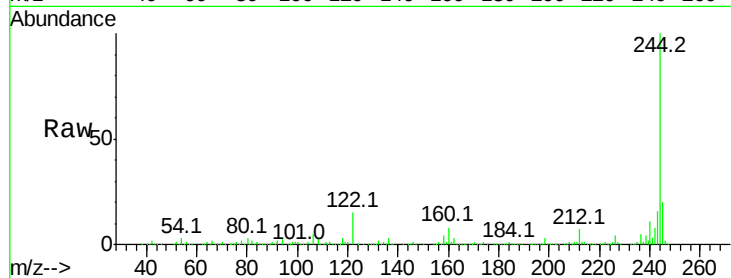
BNA_F

ClientSampleId :

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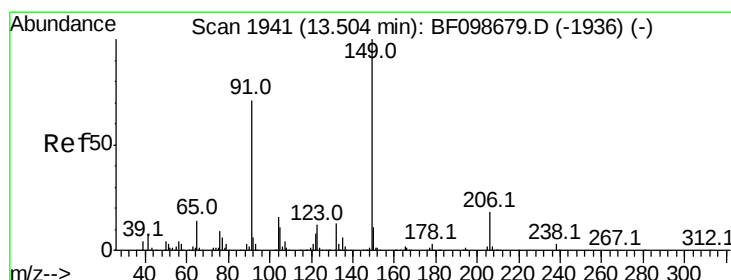
Tot Ion:	244	Resp:	763883
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.4	8.0
122	15.0	11.0	16.4

Manual Integrations
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#79

Butylbenzylphthalate

Concen: 34.950 ng

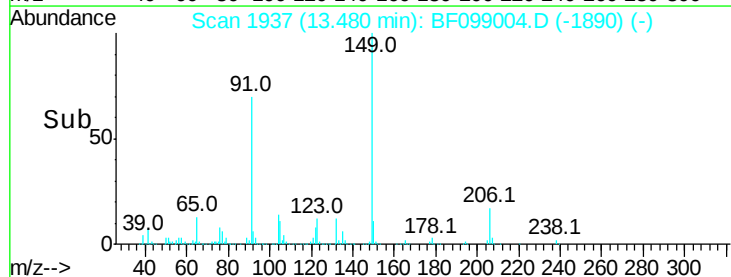
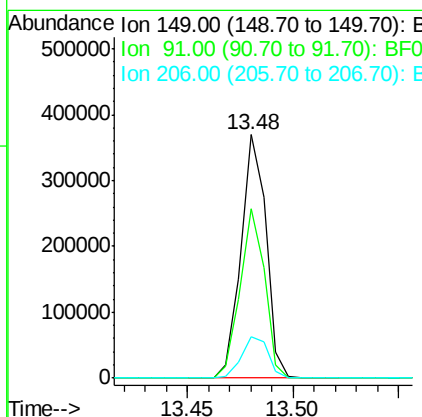
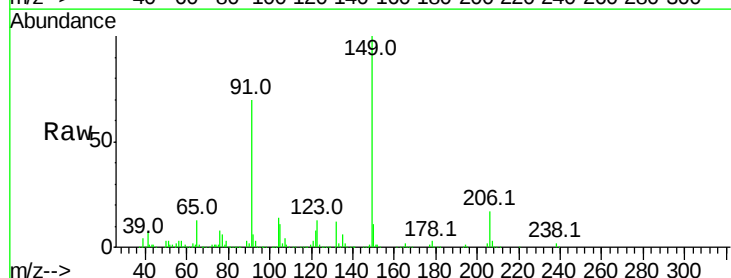
RT: 13.48 min Scan# 1937

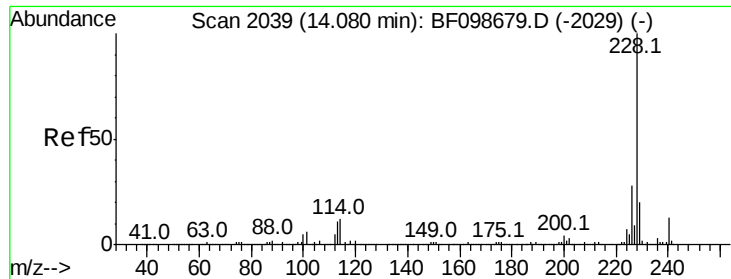
Delta R.T. -0.02 min

Lab File: BF099004.D

Acq: 2 Oct 2017 17:21

Tgt Ion:	149	Resp:	303157
Ion Ratio	Lower	Upper	
149	100		
91	69.5	56.8	85.2
206	17.2	14.1	21.1



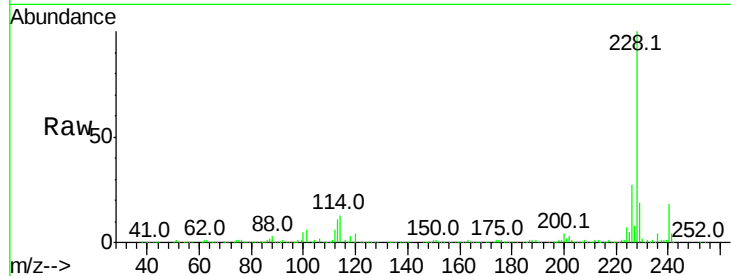


#80
Benzo(a)anthracene
Concen: 37.893 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

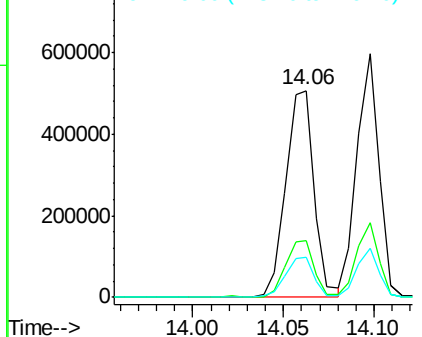
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.3	15.8	23.6

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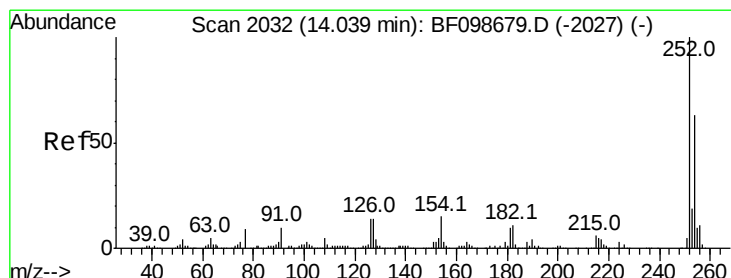
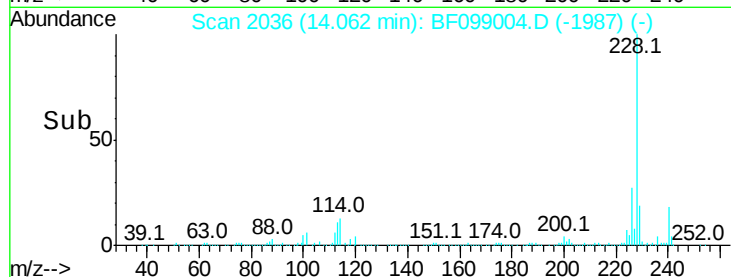


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



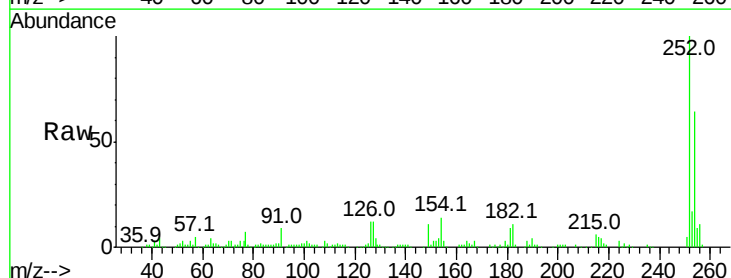
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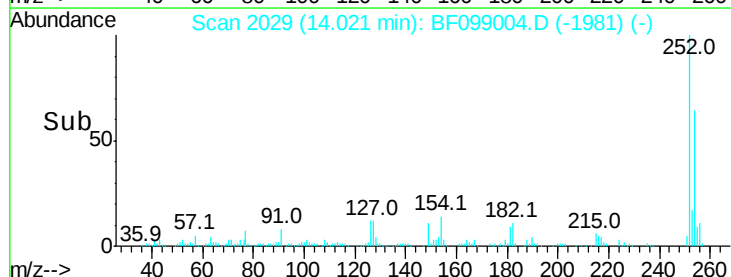
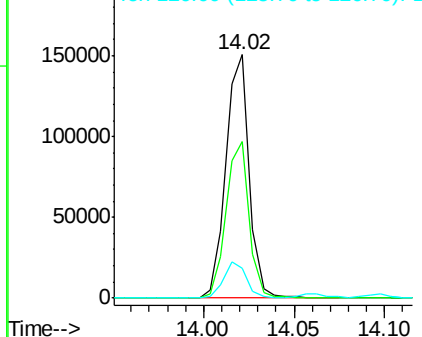


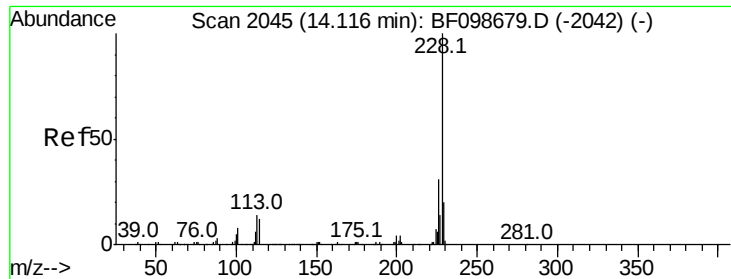
#81
3,3'-Dichlorobenzidine
Concen: 25.120 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.4	75.6
126	12.4	11.3	16.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



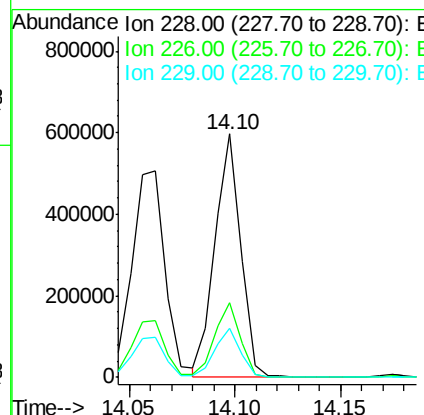
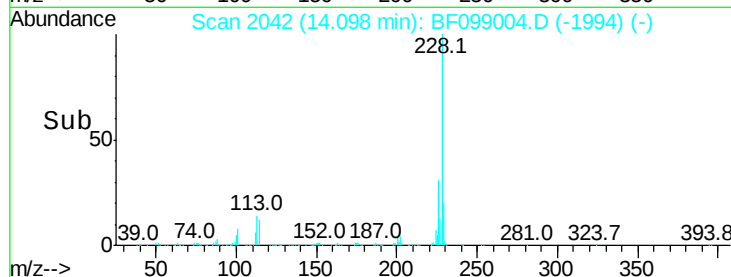
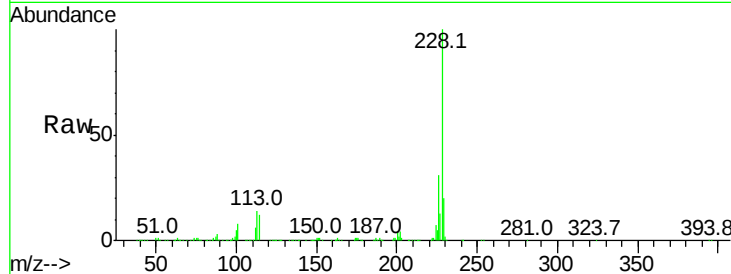


#82
 Chrvsene
 Concen: 36.359 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.02 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-114-1(10-16)MSD

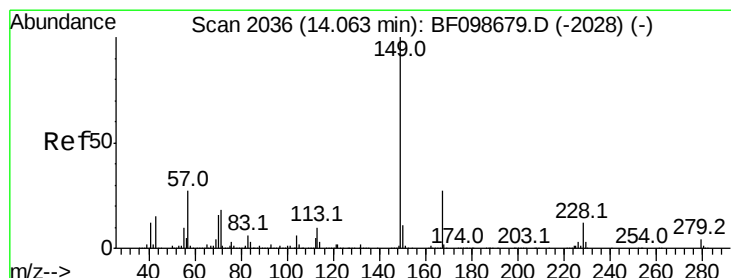
Tot Ion:	228	Resp:	507324
Ion Ratio	Lower	Upper	
228	100		
226	30.6	25.0	37.6
229	20.0	16.2	24.4

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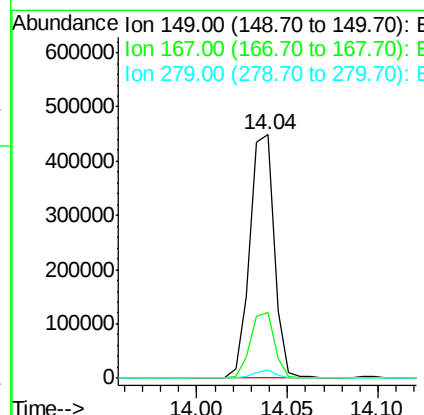
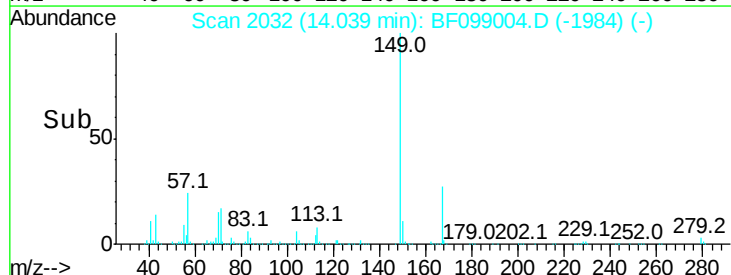
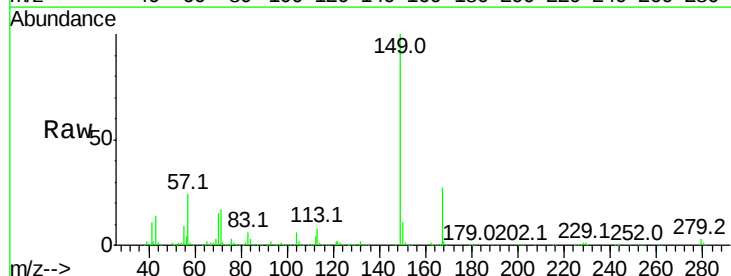
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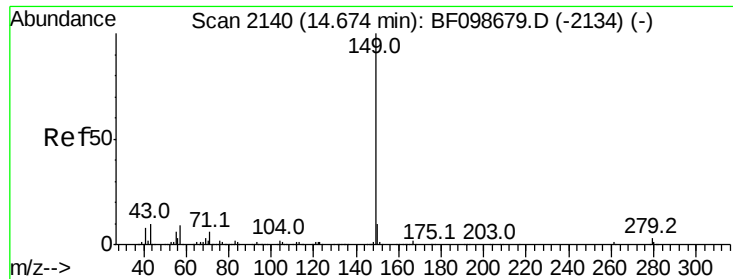
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.297 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.02 min
 Lab File: BF099004.D
 Acq: 2 Oct 2017 17:21

Tgt Ion:	149	Resp:	421579
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.3	31.9
279	3.2	3.0	4.4



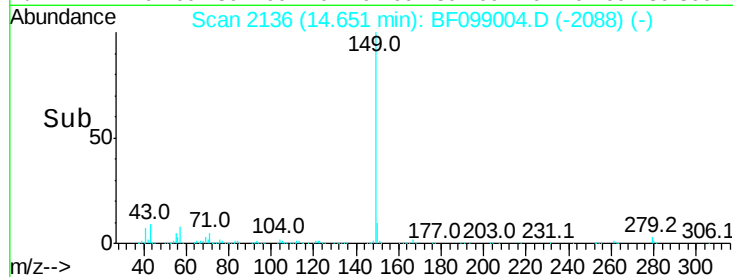
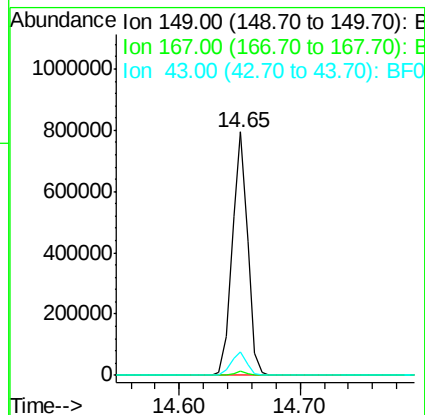
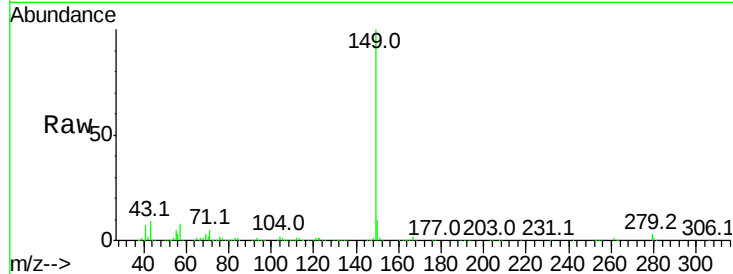


#84
Di-n-octyl phthalate
Concen: 36.348 ng
RT: 14.65 min Scan# 2136
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MSD

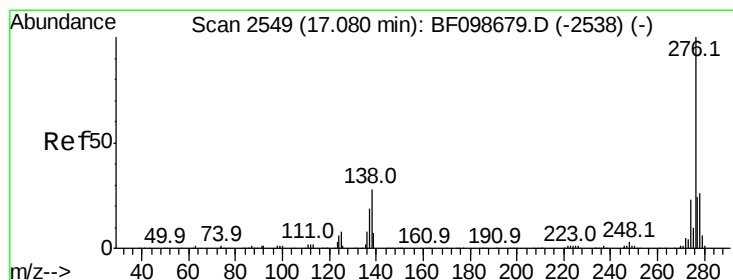
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.4	8.4	12.6

Manual Integrations
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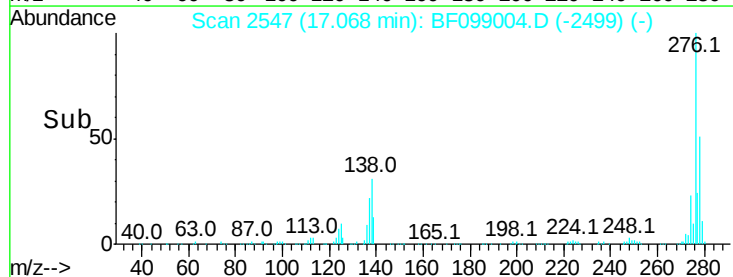
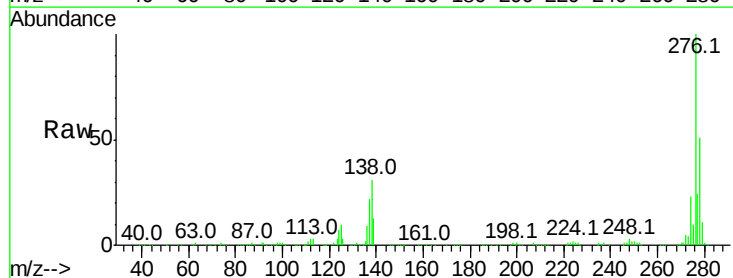
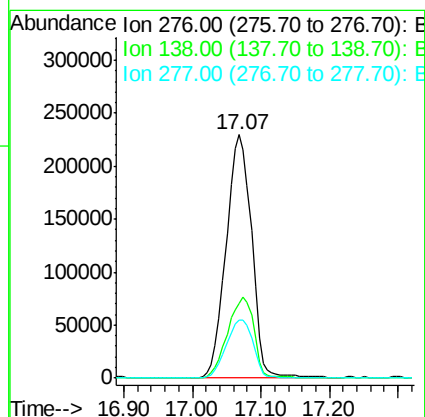
Sohil

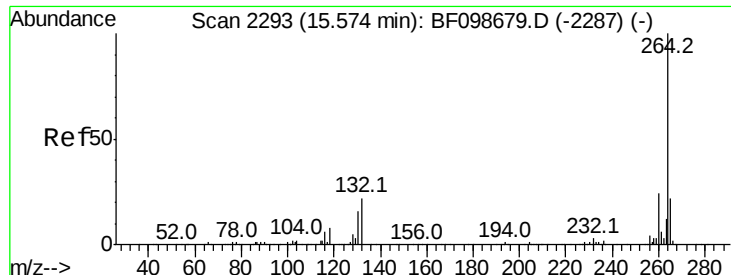
10/3/2017 6:50:41 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 53.216 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.5	25.0	37.6
277	25.3	20.1	30.1



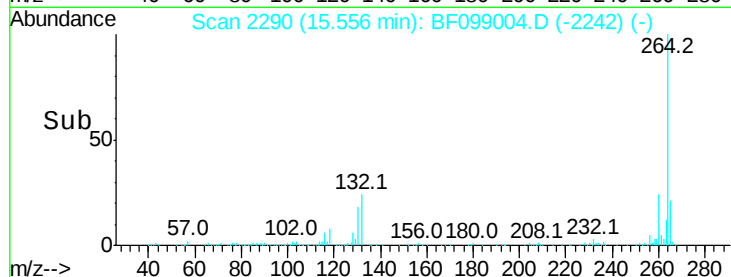
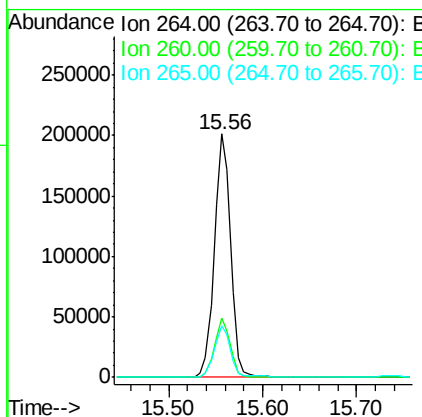
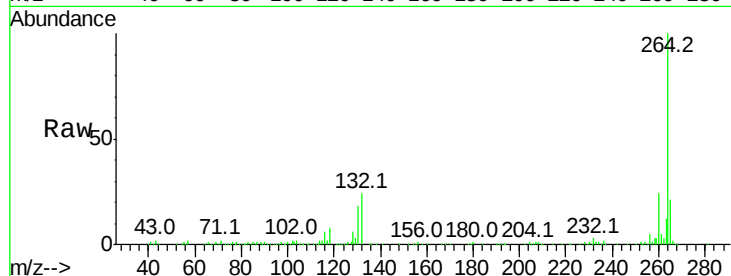


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MSD

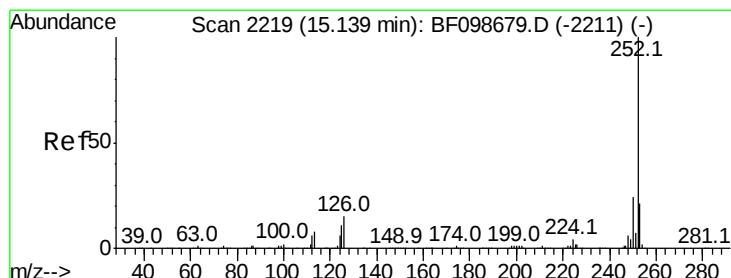
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.2	17.5	26.3

Manual Integrations
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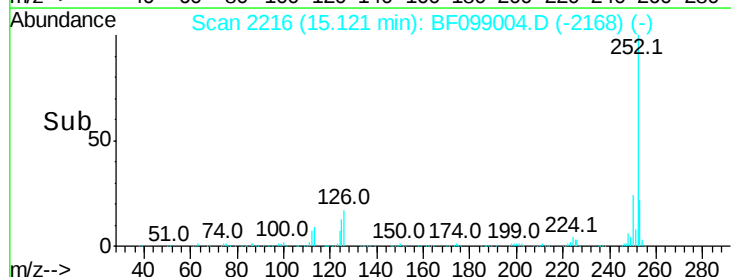
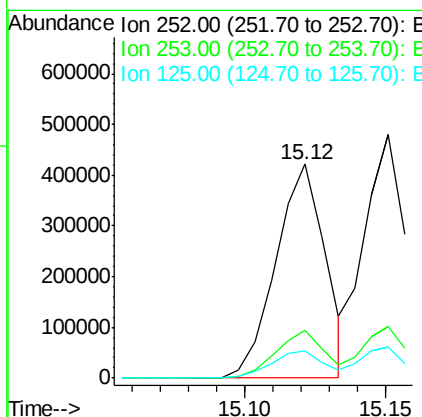
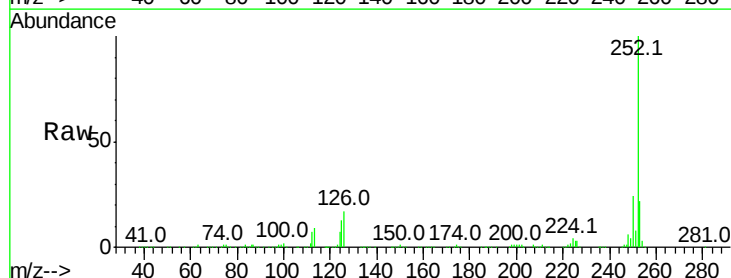
Sohil

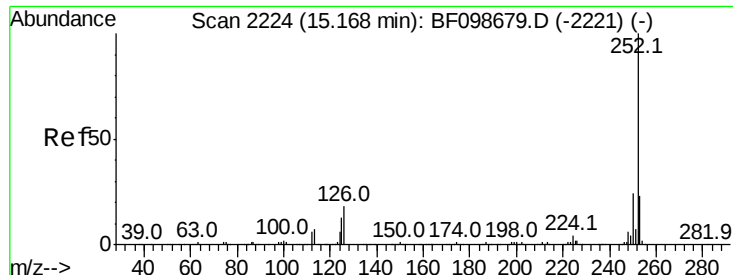
10/3/2017 6:50:41 PM



#87
Benzo(b)fluoranthene
Concen: 33.837 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	13.0	9.0	13.6



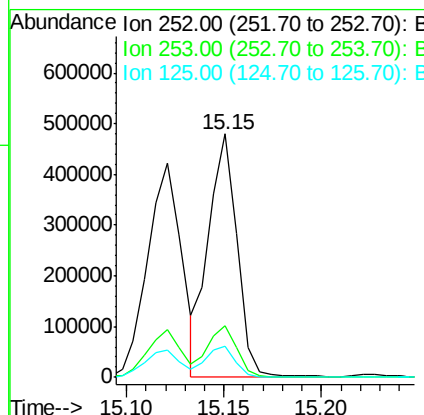
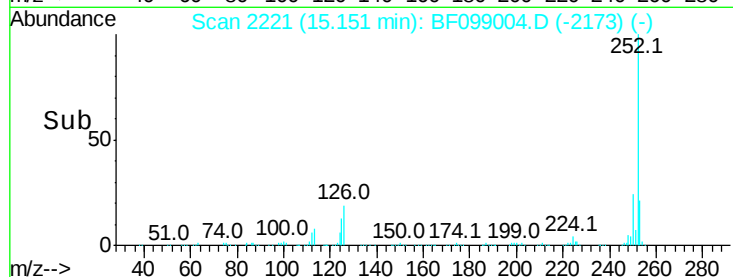
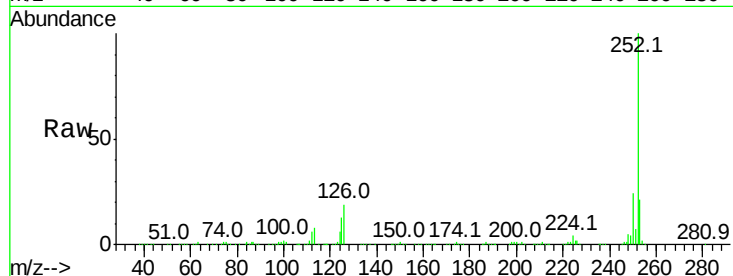


#88
Benzo(k)fluoranthene
Concen: 32.530 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MSD

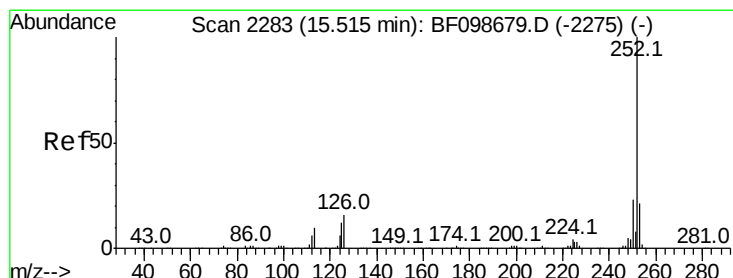
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	12.9	10.2	15.2

Manual Integrations
APPROVED



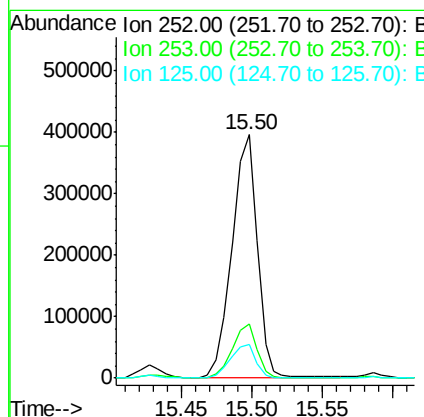
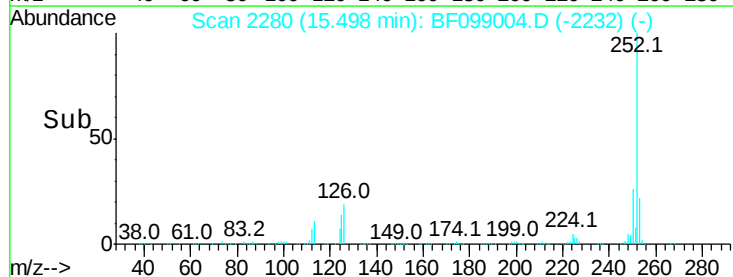
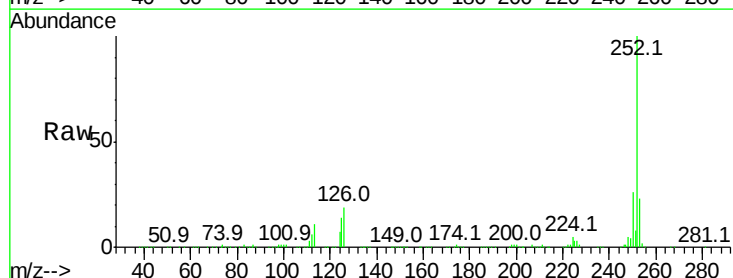
Sohil

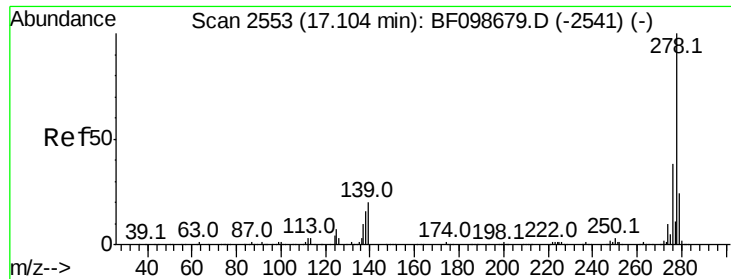
10/3/2017 6:50:41 PM



#89
Benzo(a)pyrene
Concen: 35.764 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	14.1	9.8	14.6



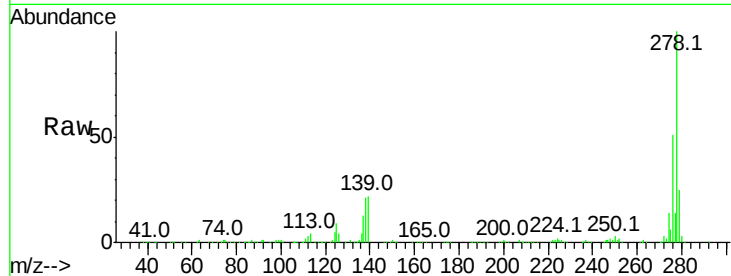


#90
Dibenzo(a,h)anthracene
Concen: 43.261 ng
RT: 17.09 min Scan# 2550
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

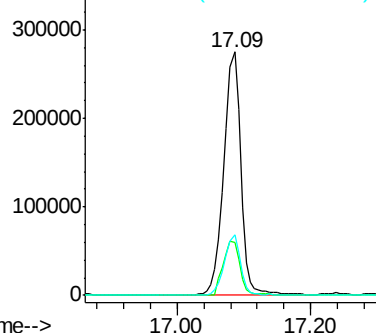
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.6	15.9	23.9
279	24.9	19.0	28.4

Manual Integrations
APPROVED

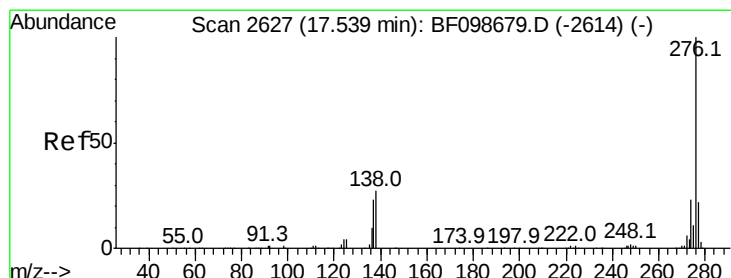
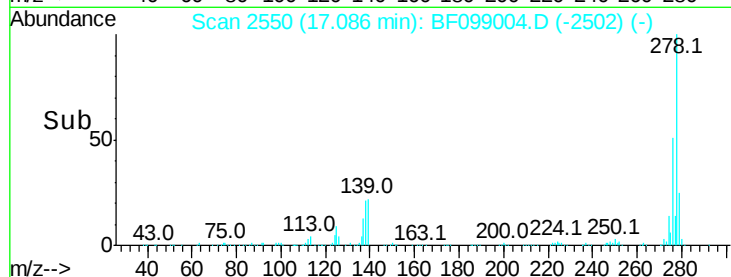


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



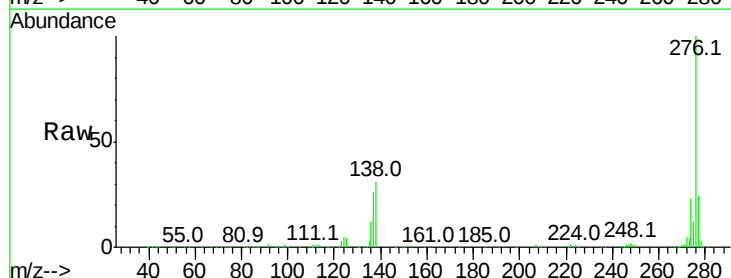
Sohil

10/3/2017 6:50:41 PM



#91
Benzo(g,h,i)perylene
Concen: 46.291 ng
RT: 17.53 min Scan# 2625
Delta R.T. -0.02 min
Lab File: BF099004.D
Acq: 2 Oct 2017 17:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	31.1	21.8	32.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

