

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
 Data File : BF099003.D
 Acq On : 2 Oct 2017 16:54
 Operator : SJ/JU
 Sample : I5534-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Quant Time: Oct 03 11:59:13 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	134769	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	557929	20.00	ng	-0.02
38) Acenaphthene-d10	9.95	164	243751	20.00	ng	-0.02
63) Phenanthrene-d10	11.43	188	409752	20.00	ng	-0.02
75) Chrysene-d12	14.07	240	243049	20.00	ng	-0.02
86) Perylene-d12	15.56	264	225619	20.00	ng	-0.02

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System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	619343	73.16	ng	-0.01
7) Phenol-d6	6.53	99	736886	70.56	ng	-0.02
23) Nitrobenzene-d5	7.46	82	442472	50.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	130468	65.41	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	722332	49.47	ng	-0.02
78) Terphenyl-d14	13.01	244	518425	48.51	ng	-0.02

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	88562	21.899	ng	98
3) Pyridine	3.53	79	240976	22.027	ng	95
4) n-Nitrosodimethylamine	3.47	42	107836	23.245	ng	93
6) Aniline	6.56	93	262795	18.644	ng	99
8) 2-Chlorophenol	6.69	128	231110	24.106	ng	96
9) Benzaldehyde	6.45	77	115177	19.012	ng	99
10) Phenol	6.54	94	284536	24.361	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	223557	24.620	ng	100
12) 1,3-Dichlorobenzene	6.85	146	240235	23.926	ng	98
13) 1,4-Dichlorobenzene	6.92	146	240801	23.572	ng	98
14) 1,2-Dichlorobenzene	7.07	146	230469	24.416	ng	97
15) Benzyl Alcohol	7.04	79	191761	25.029	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	330550	23.366	ng	98
17) 2-Methylphenol	7.15	107	187716	23.929	ng	98
18) Hexachloroethane	7.42	117	85154	23.191	ng	98
19) n-Nitroso-di-n-propylamine	7.30	70	150867	22.626	ng	99
20) 3+4-Methylphenols	7.30	107	238421	24.025	ng	91
22) Acetophenone	7.31	105	312659	23.130	ng	# 97
24) Nitrobenzene	7.48	77	234171	23.728	ng	99
25) Isophorone	7.72	82	424631	23.607	ng	98
26) 2-Nitrophenol	7.80	139	119990	25.284	ng	94
27) 2,4-Dimethylphenol	7.83	122	204369	22.803	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	270614	24.142	ng	99
29) 2,4-Dichlorophenol	8.04	162	178654	23.217	ng	96
30) 1,2,4-Trichlorobenzene	8.12	180	183902	23.895	ng	99
31) Naphthalene	8.20	128	638035	24.349	ng	99
33) 4-Chloroaniline	8.25	127	203619	18.608	ng	99
34) Hexachlorobutadiene	8.32	225	92524	23.341	ng	98
35) Caprolactam	8.60	113	51322m	20.792	ng	
36) 4-Chloro-3-methylphenol	8.73	107	186243	21.533	ng	99
37) 2-Methylnaphthalene	8.90	142	435367	25.558	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	167196	23.000	ng	99
40) Hexachlorocyclopentadiene	9.05	237	145703	43.859	ng	97
42) 2,4,6-Trichlorophenol	9.17	196	113804	22.099	ng	99

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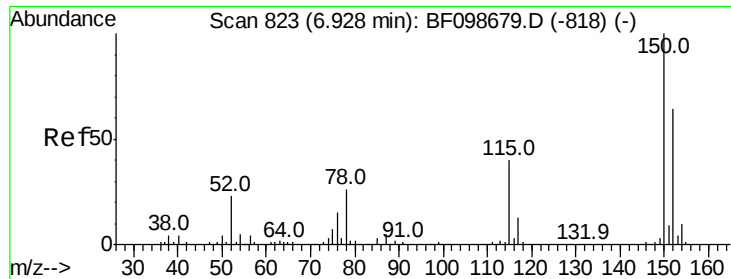
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.22	196	115371	22.442	nq	93
45) 1,1'-Biphenyl	9.36	154	495554	23.655	nq	98
46) 2-Chloronaphthalene	9.39	162	384744	24.461	nq	97
47) 2-Nitroaniline	9.48	65	114853	23.847	nq	99
48) Acenaphthylene	9.80	152	583100	24.217	nq	99
49) Dimethylphthalate	9.66	163	559407	30.408	nq	99
50) 2,6-Dinitrotoluene	9.72	165	96792	24.167	nq	94
51) Acenaphthene	9.97	154	341953	22.420	nq	100
52) 3-Nitroaniline	9.89	138	96085	20.575	nq	93
53) 2,4-Dinitrophenol	10.01	184	7204	9.031	nq	95
54) Dibenzofuran	10.15	168	518336	25.524	nq	98
55) 4-Nitrophenol	10.05	139	117979	29.877	nq	93
56) 2,4-Dinitrotoluene	10.13	165	126495	24.336	nq	# 87
57) Fluorene	10.49	166	397445	24.349	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	77542	21.835	nq	98
59) Diethylphthalate	10.36	149	414948	23.083	nq	99
60) 4-Chlorophenyl-phenylether	10.48	204	178072	24.286	nq	98
61) 4-Nitroaniline	10.50	138	98940	21.960	nq	92
62) Azobenzene	10.64	77	413089	24.992	nq	97
64) 4,6-Dinitro-2-methylphenol	10.53	198	22198	8.904	nq	93
65) n-Nitrosodiphenylamine	10.60	169	348078	24.521	nq	99
66) 4-Bromophenyl-phenylether	10.97	248	99216	24.737	nq	99
67) Hexachlorobenzene	11.04	284	100327	23.421	nq	95
68) Atrazine	11.12	200	95183	22.287	nq	98
69) Pentachlorophenol	11.23	266	60892	22.840	nq	97
70) Phenanthrene	11.46	178	538451	24.550	nq	98
71) Anthracene	11.50	178	564782	25.167	nq	98
72) Carbazole	11.66	167	489624	22.280	nq	99
73) Di-n-butylphthalate	11.98	149	620475	23.456	nq	99
74) Fluoranthene	12.64	202	501023	22.559	nq	99
76) Benzidine	12.76	184	123280	13.714	nq	97
77) Pyrene	12.87	202	506782	27.344	nq	98
79) Butylbenzylphthalate	13.48	149	213814	24.547	nq	98
80) Benzo(a)anthracene	14.06	228	354434	24.083	nq	100
81) 3,3'-Dichlorobenzidine	14.02	252	96849	17.951	nq	98
82) Chrysene	14.09	228	340284	24.286	nq	99
83) Bis(2-ethylhexyl)phthalate	14.03	149	287696	23.988	nq	# 99
84) Di-n-octyl phthalate	14.65	149	459975	23.818	nq	98
85) Indeno(1,2,3-cd)pyrene	17.06	276	357139	31.864	nq	95
87) Benzo(b)fluoranthene	15.12	252	328466	23.678	nq	98
88) Benzo(k)fluoranthene	15.14	252	291762	21.294	nq	98
89) Benzo(a)pyrene	15.49	252	300482	23.598	nq	98
90) Dibenzo(a,h)anthracene	17.08	278	302231	29.658	nq	99
91) Benzo(g,h,i)perylene	17.52	276	307902	30.567	nq	97

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



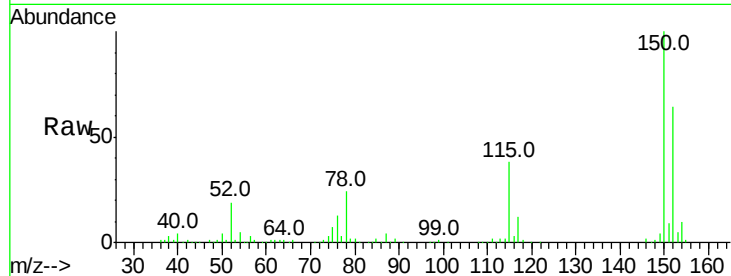
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

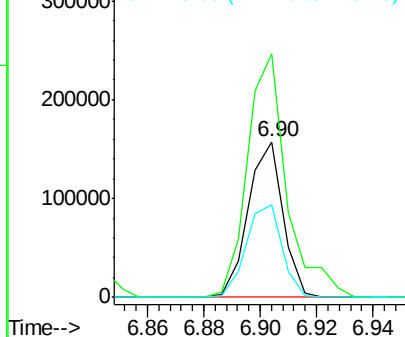
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	59.2	50.1	75.1

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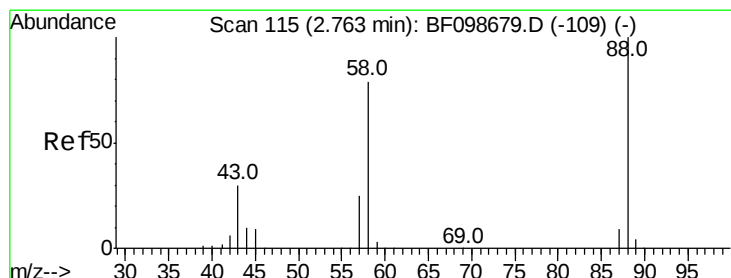
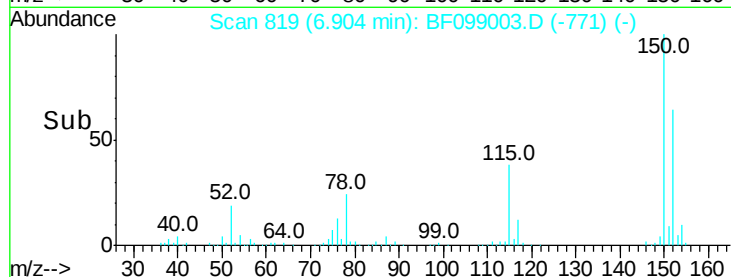


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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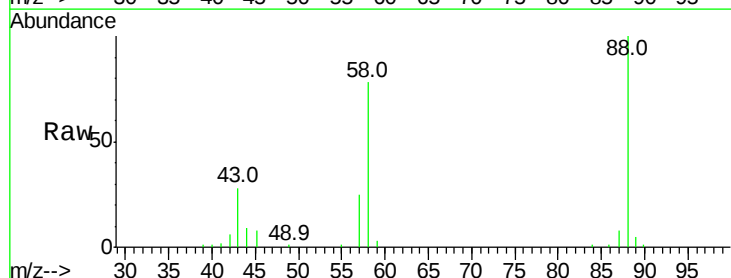
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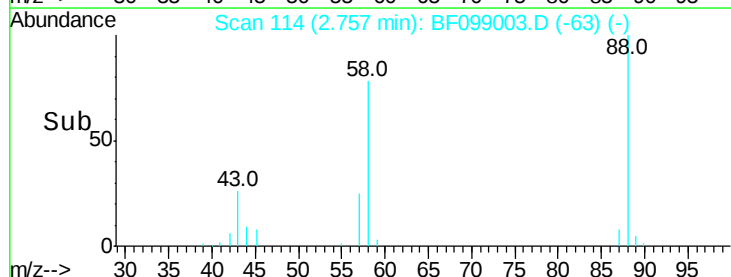
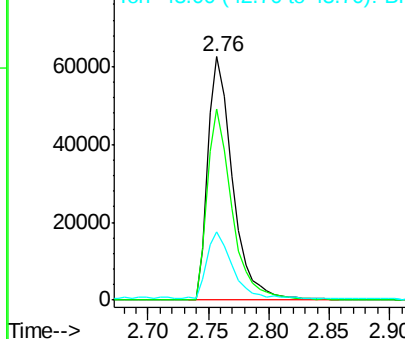
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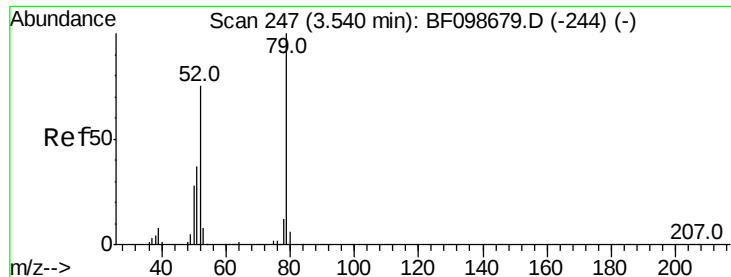
1,4-Dioxane
Concen: 21.899 ng
RT: 2.76 min Scan# 114
Delta R.T. -0.00 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.3	62.6	93.8
43	27.7	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: 22.027 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.01 min

Lab File: BF099003.D

Acq: 2 Oct 2017 16:54

Instrument :

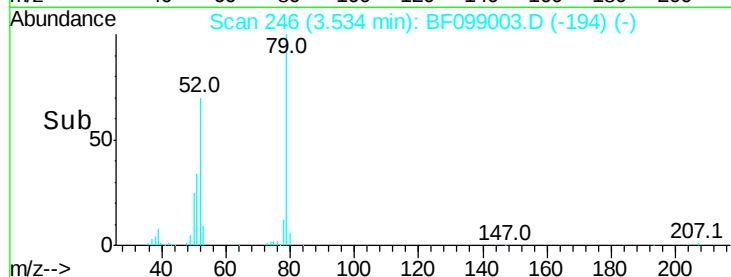
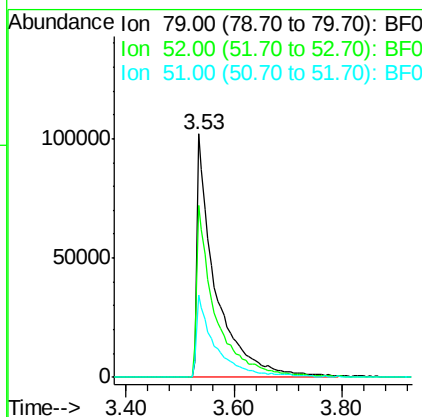
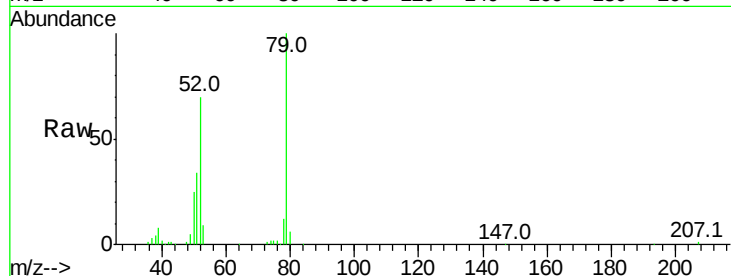
BNA_F

ClientSampleId :

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

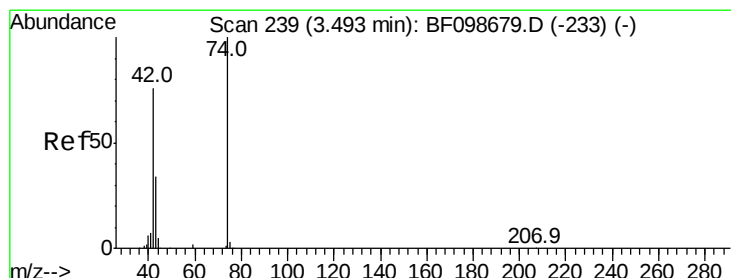
Tot Ion:	79	Resp:	240976
Ion Ratio	Lower	Upper	
79	100		
52	70.5	59.8	89.6
51	33.9	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 23.245 ng

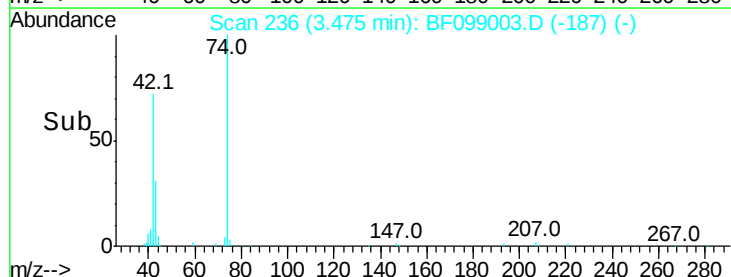
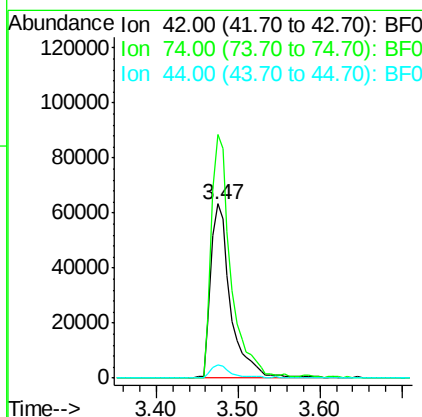
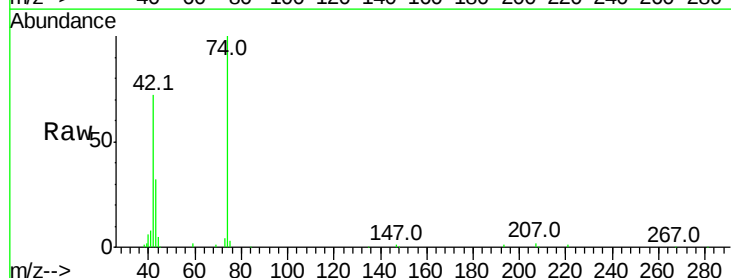
RT: 3.47 min Scan# 236

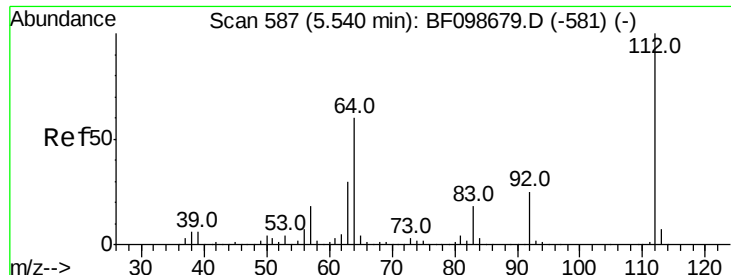
Delta R.T. -0.01 min

Lab File: BF099003.D

Acq: 2 Oct 2017 16:54

Tgt Ion:	42	Resp:	107836
Ion Ratio	Lower	Upper	
42	100		
74	139.8	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 73.157 ng

RT: 5.53 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF099003.D

Acq: 2 Oct 2017 16:54

Instrument :

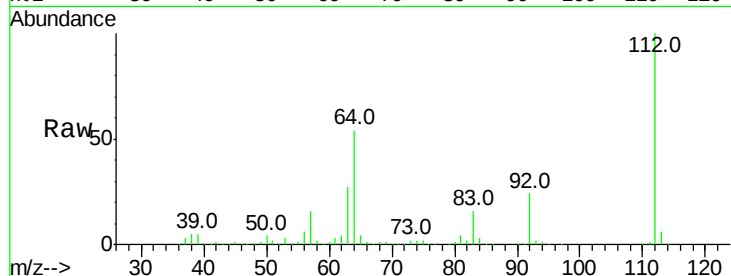
BNA_F

ClientSampleId :

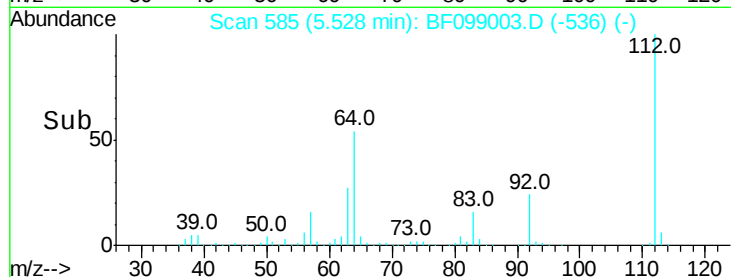
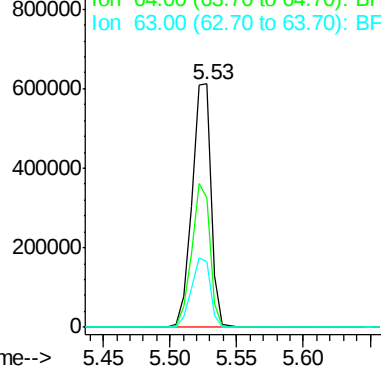
SASP2P-ENV-114-1(10-16)MS

Tot Ion:	112	Resp:	619343
Ion Ratio	Lower	Upper	
112	100		
64	53.5	47.9	71.9
63	27.0	23.7	35.5

Manual Integrations
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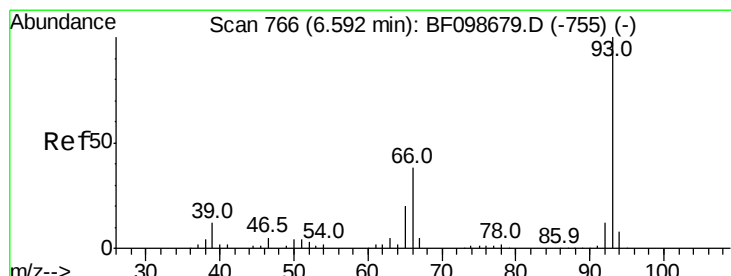


Abundance Ion 112.00 (111.70 to 112.70): BF099003.D (-536) (-)



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#6

Aniline

Concen: 18.644 ng

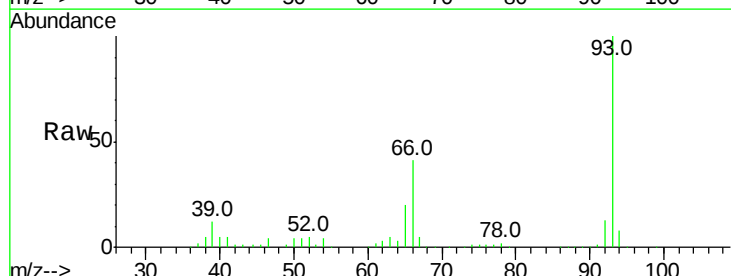
RT: 6.56 min Scan# 761

Delta R.T. -0.02 min

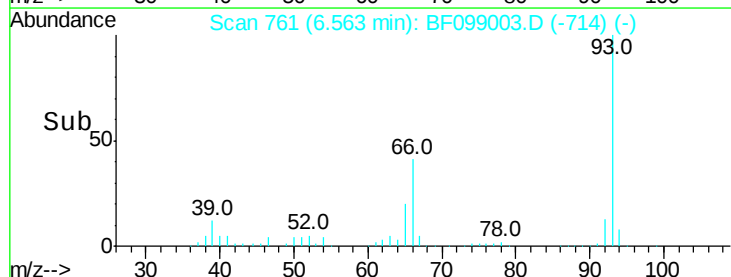
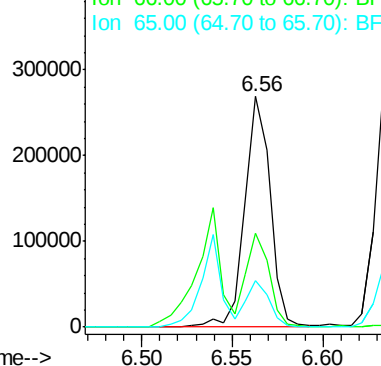
Lab File: BF099003.D

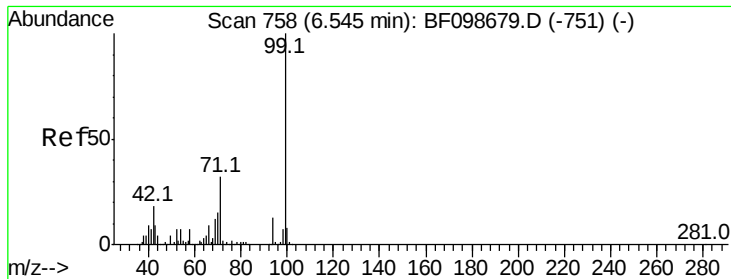
Acq: 2 Oct 2017 16:54

Tgt Ion:	93	Resp:	262795
Ion Ratio	Lower	Upper	
93	100		
66	41.0	32.2	48.2
65	20.3	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF099003.D (-714) (-)





#7

Phenol-d6

Concen: 70.558 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF099003.D

Acq: 2 Oct 2017 16:54

Instrument :

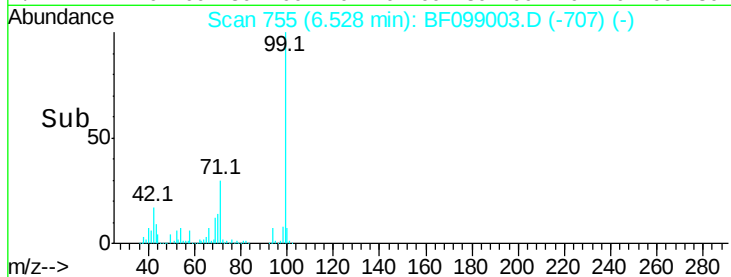
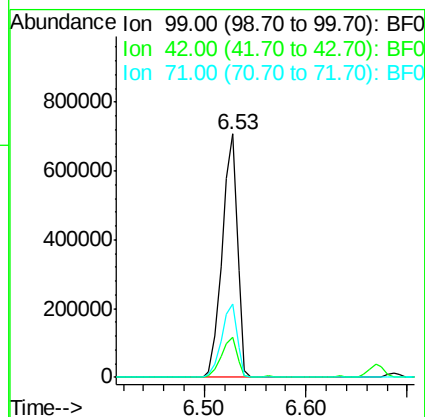
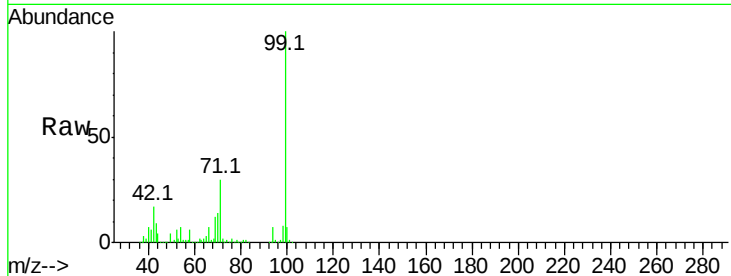
BNA_F

ClientSampleId :

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

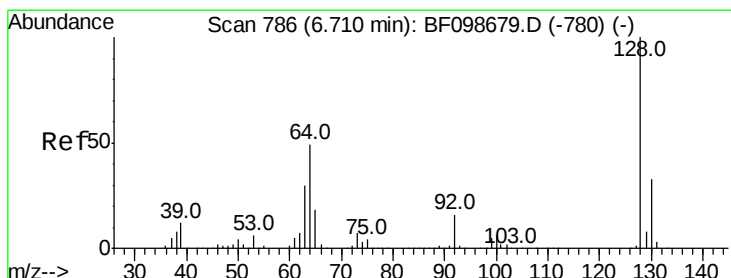
Tot Ion:	99	Resp:	736886
Ion Ratio	Lower	Upper	
99	100		
42	16.6	14.5	21.7
71	30.3	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 24.106 ng

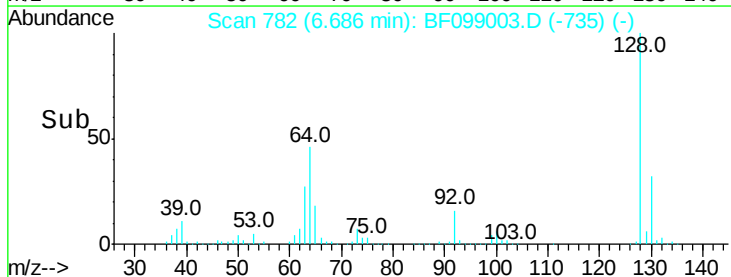
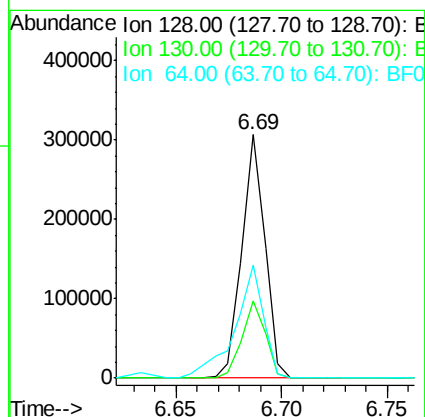
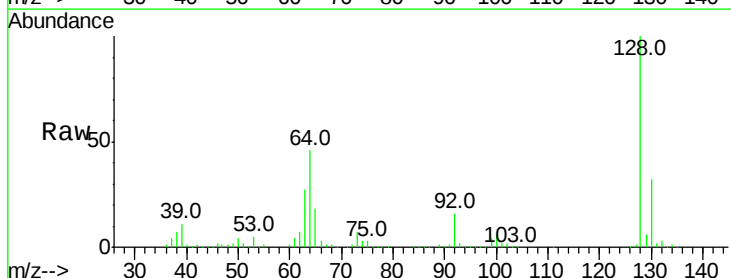
RT: 6.69 min Scan# 782

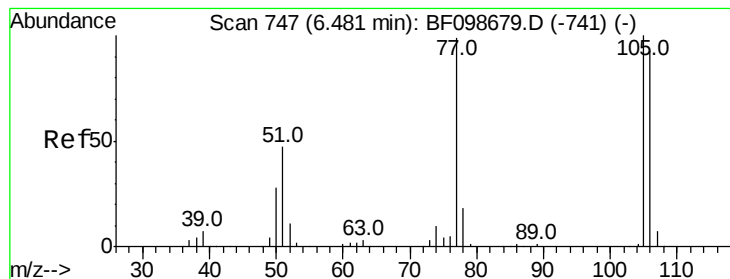
Delta R.T. -0.02 min

Lab File: BF099003.D

Acq: 2 Oct 2017 16:54

Tgt Ion:	128	Resp:	231110
Ion Ratio	Lower	Upper	
128	100		
130	31.6	13.0	53.0
64	46.2	29.4	69.4





#9

Benzaldehyde

Concen: 19.012 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF099003.D

Acq: 2 Oct 2017 16:54

Instrument :

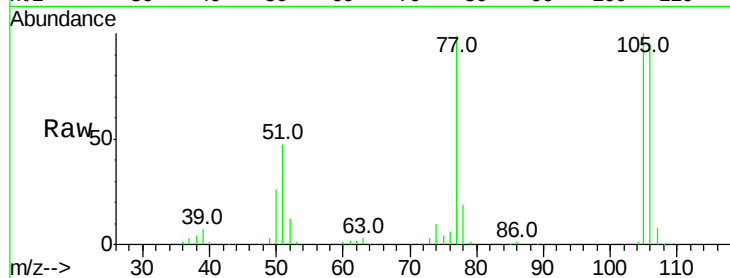
BNA_F

ClientSampleId :

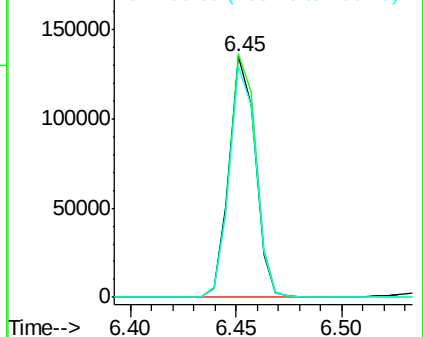
SASP2P-ENV-114-1(10-16)MS

Tot Ion:	77	Resp:	115177
Ion Ratio	Lower	Upper	
77	100		
105	101.0	81.1	121.1
106	95.9	74.5	114.5

Manual Integrations
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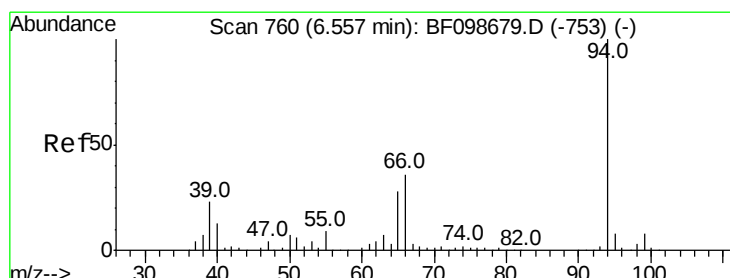
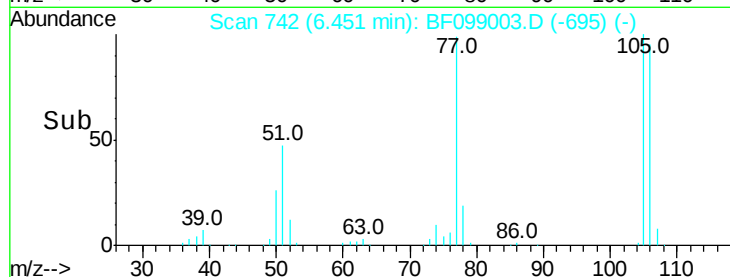


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



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#10

Phenol

Concen: 24.361 ng

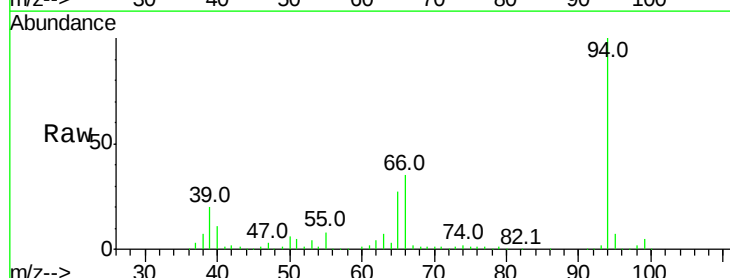
RT: 6.54 min Scan# 757

Delta R.T. -0.02 min

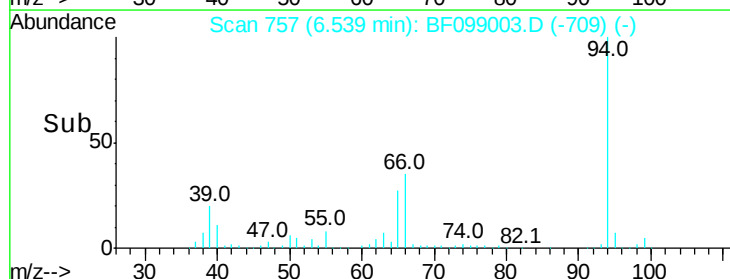
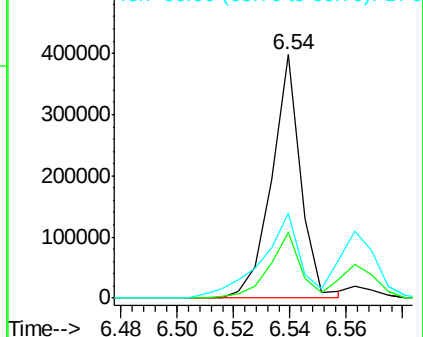
Lab File: BF099003.D

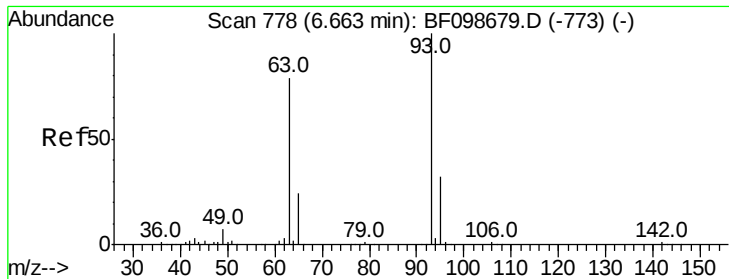
Acq: 2 Oct 2017 16:54

Tgt Ion:	94	Resp:	284536
Ion Ratio	Lower	Upper	
94	100		
65	27.0	7.9	47.9
66	34.9	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 24.620 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF099003.D

Acq: 2 Oct 2017 16:54

Instrument :

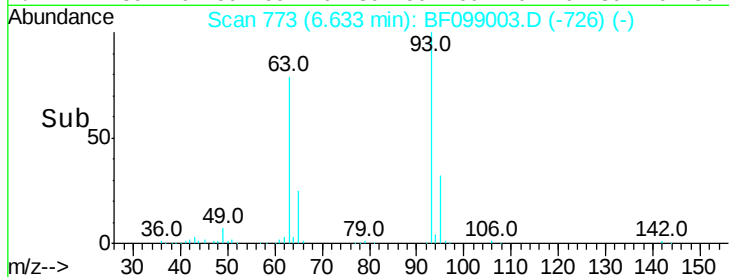
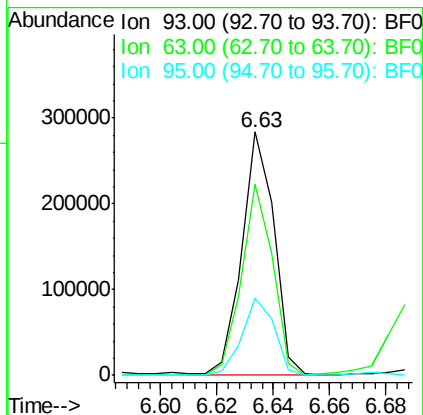
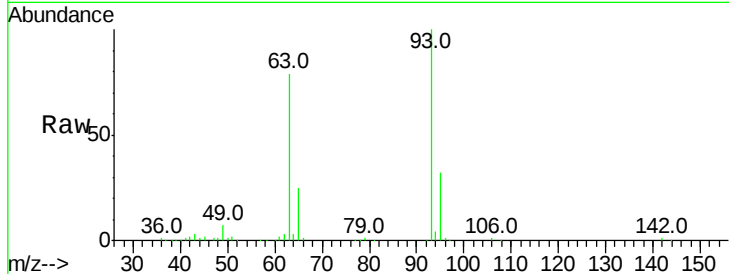
BNA_F

ClientSampleId :

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

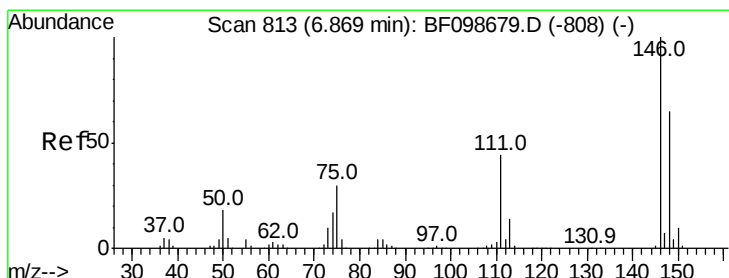
Tot Ion:	93	Resp:	22357
Ion Ratio	Lower	Upper	
93	100		
63	78.5	58.6	98.6
95	31.9	11.8	51.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 23.926 ng

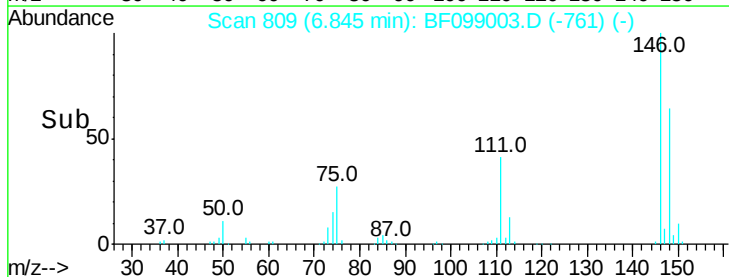
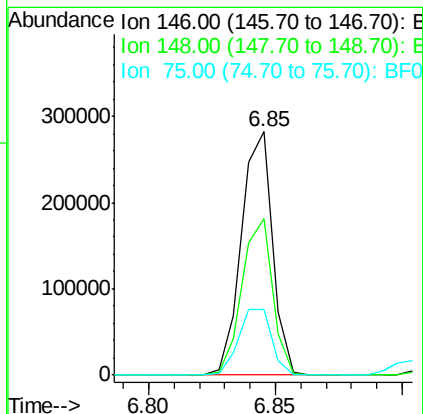
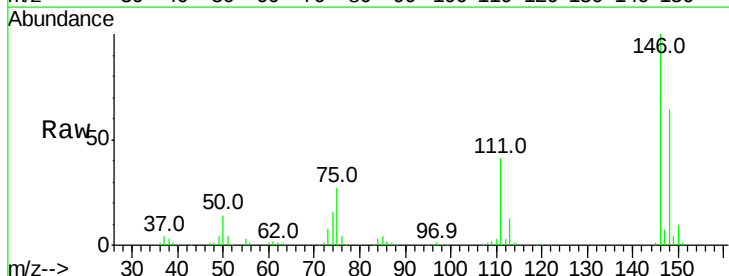
RT: 6.85 min Scan# 809

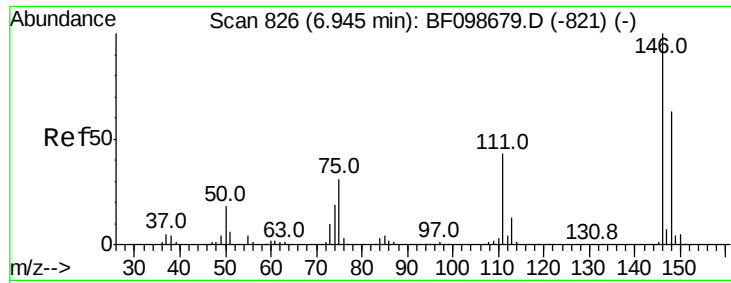
Delta R.T. -0.02 min

Lab File: BF099003.D

Acq: 2 Oct 2017 16:54

Tgt Ion:	146	Resp:	240235
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.8	77.8
75	27.1	24.2	36.4



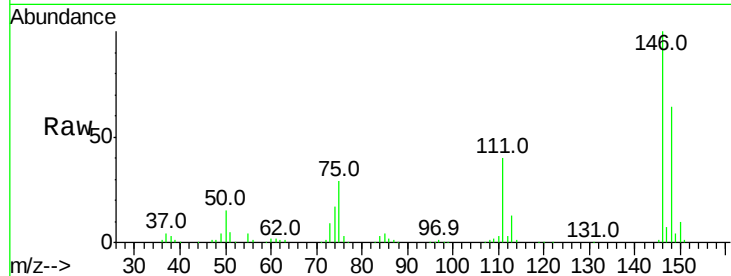


#13
 1,4-Dichlorobenzene
 Concen: 23.572 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF099003.D
 Acq: 2 Oct 2017 16:54

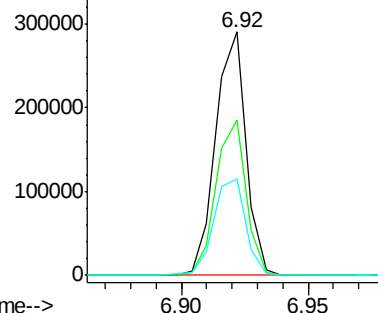
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-114-1(10-16)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	39.7	34.2	51.2

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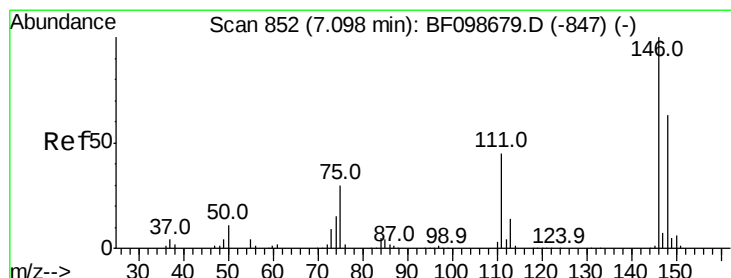
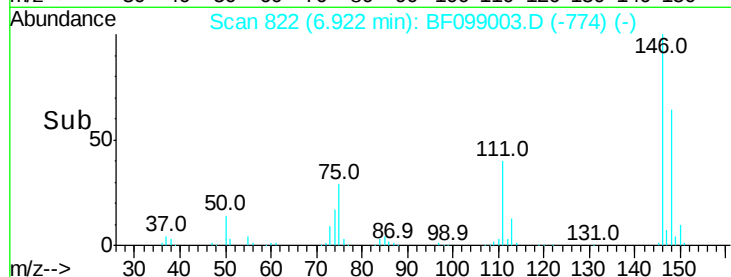


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E



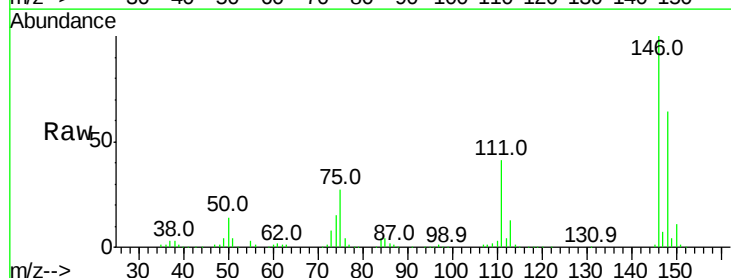
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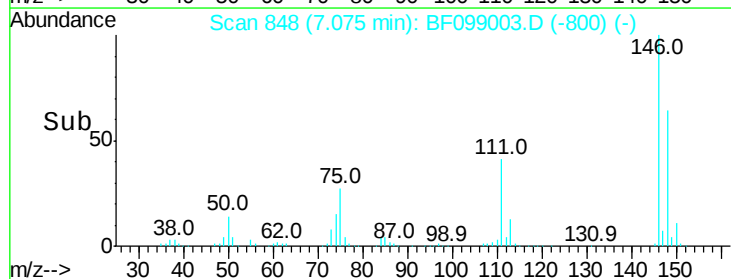
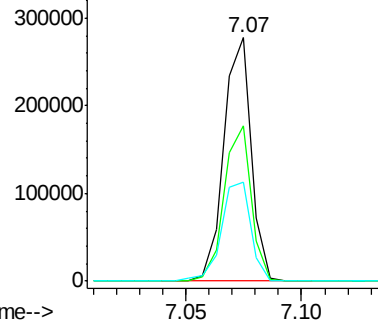


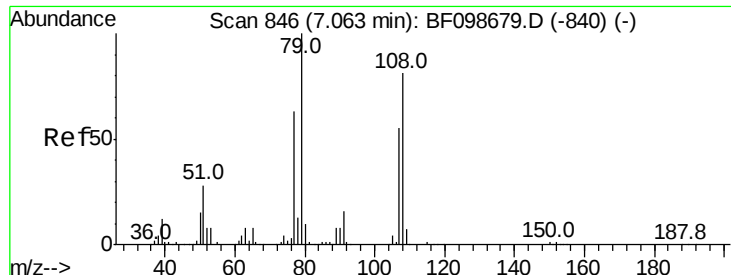
#14
 1,2-Dichlorobenzene
 Concen: 24.416 ng
 RT: 7.07 min Scan# 848
 Delta R.T. -0.02 min
 Lab File: BF099003.D
 Acq: 2 Oct 2017 16:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.6	75.8
111	40.7	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: 25.029 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.02 min

Lab File: BF099003.D

Acq: 2 Oct 2017 16:54

Instrument :

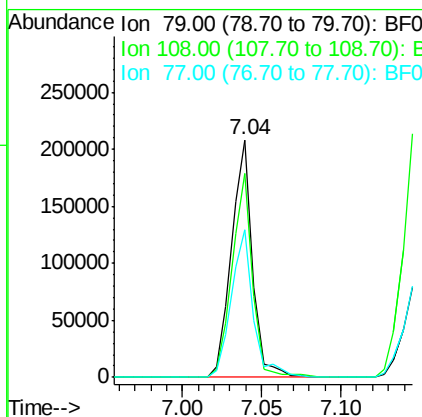
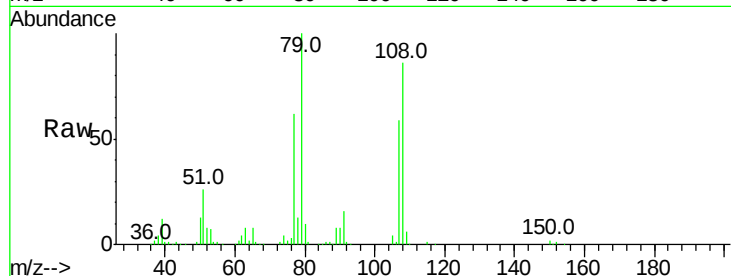
BNA_F

ClientSampleId :

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

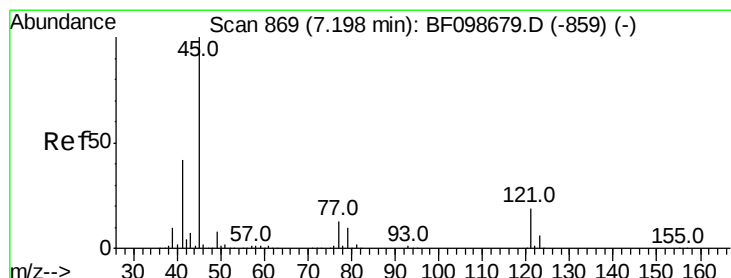
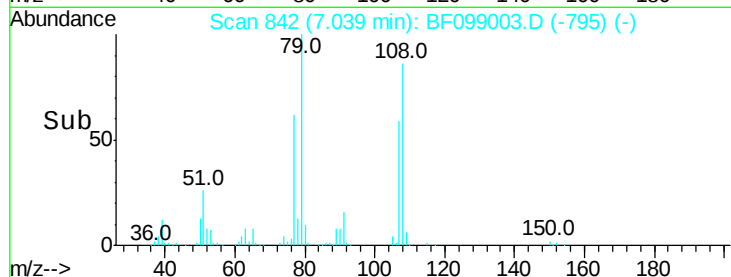
Tot Ion:	79	Resp:	191761
Ion Ratio	Lower	Upper	
79	100		
108	85.7	65.1	97.7
77	62.1	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.366 ng

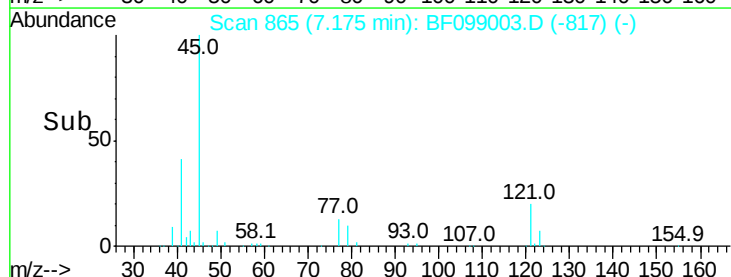
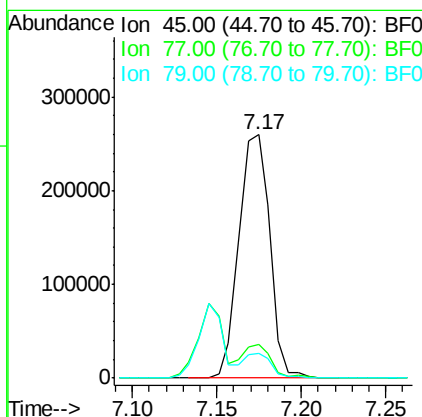
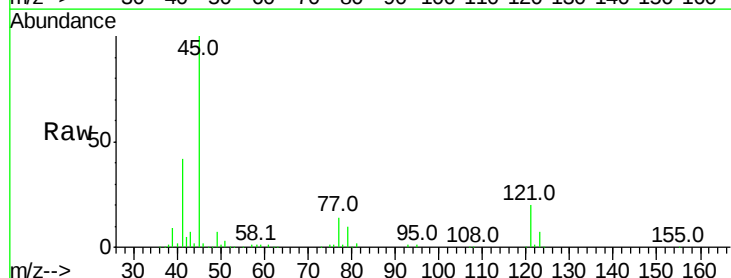
RT: 7.17 min Scan# 865

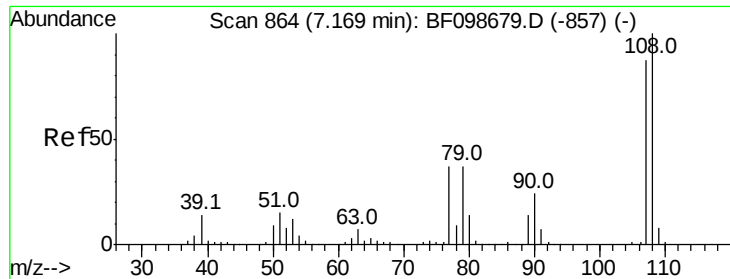
Delta R.T. -0.02 min

Lab File: BF099003.D

Acq: 2 Oct 2017 16:54

Tgt Ion:	45	Resp:	330550
Ion Ratio	Lower	Upper	
45	100		
77	13.7	0.0	32.9
79	10.3	0.0	29.6



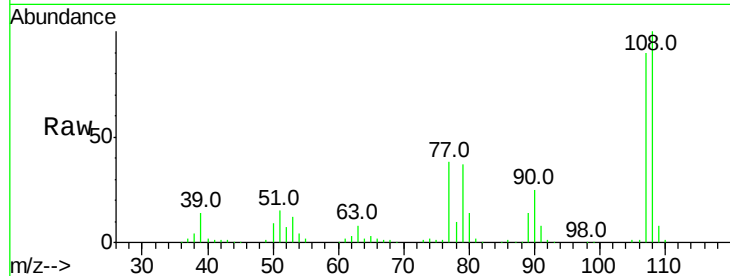


#17
2-Methylphenol
Concen: 23.929 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

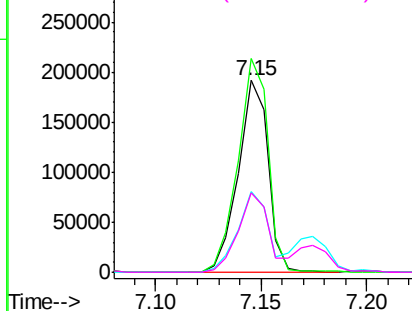
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.3	91.7	137.5
77	41.8	33.8	50.8
79	41.4	33.8	50.8

Manual Integrations
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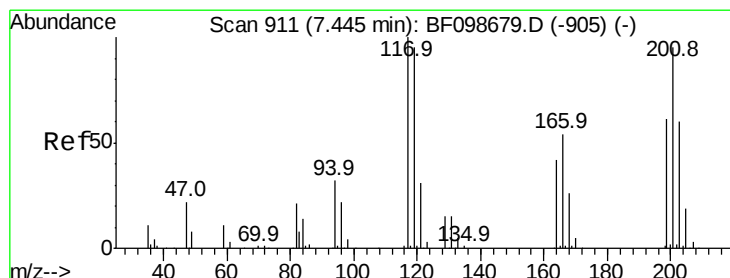
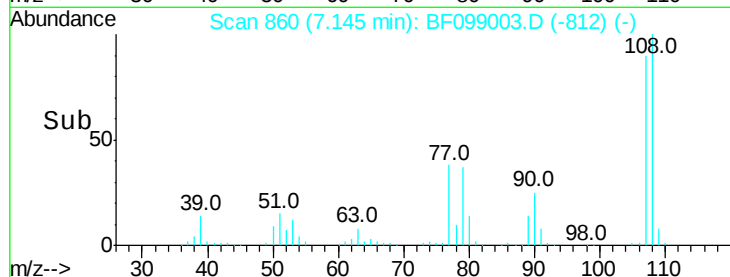


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



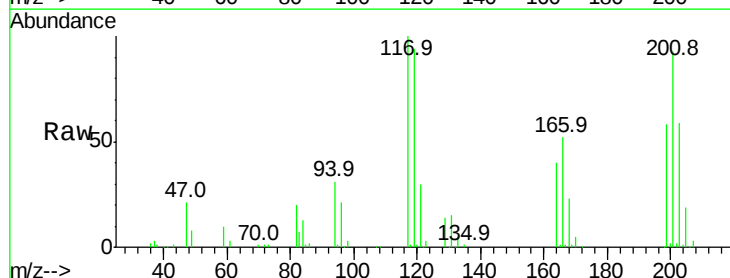
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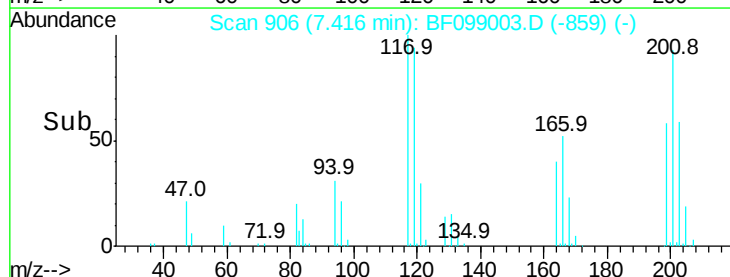
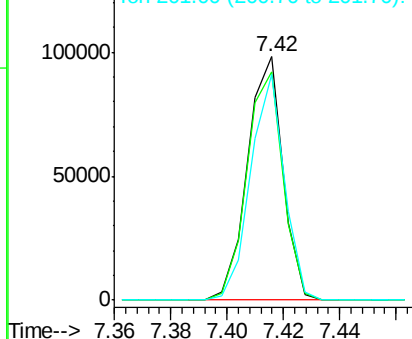


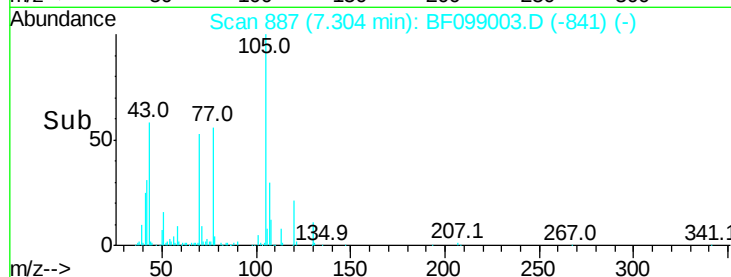
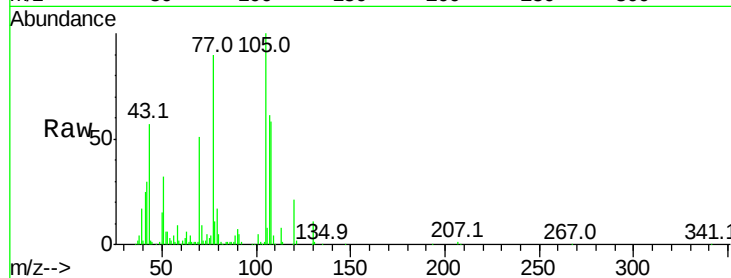
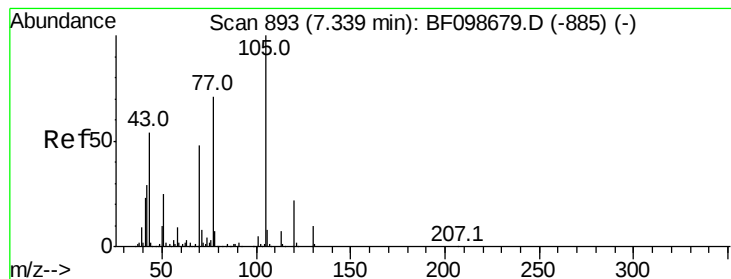
#18
Hexachloroethane
Concen: 23.191 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.8	113.8
201	92.6	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: 22.626 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.03 min

Lab File: BF099003.D

Acq: 2 Oct 2017 16:54

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.0	47.5	71.3
101	10.4	7.4	11.2
130	21.2	16.6	25.0

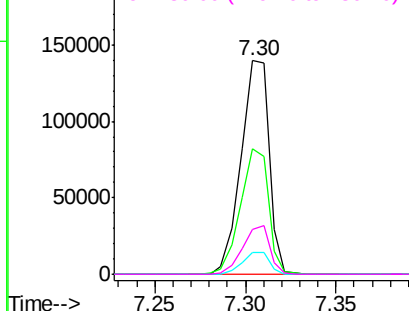
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

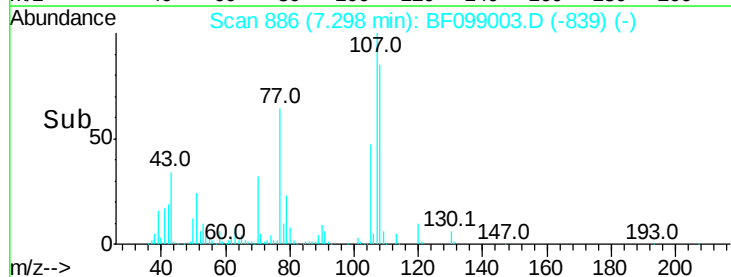
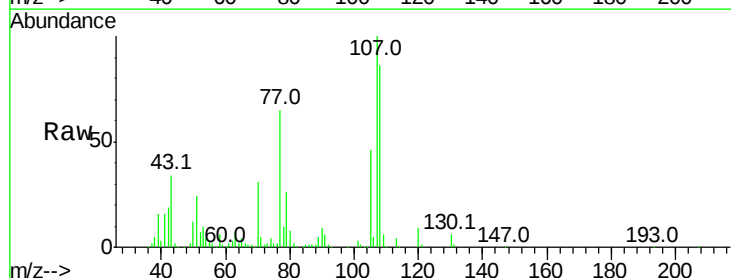
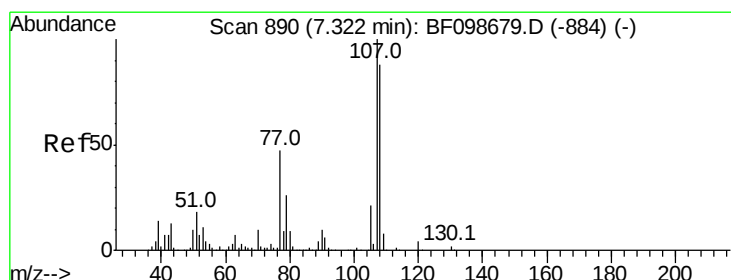


Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MS

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#20

3+4-Methylphenols

Concen: 24.025 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.02 min

Lab File: BF099003.D

Acq: 2 Oct 2017 16:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	68.2	108.2
77	64.9	26.7	66.7
79	25.6	6.3	46.3

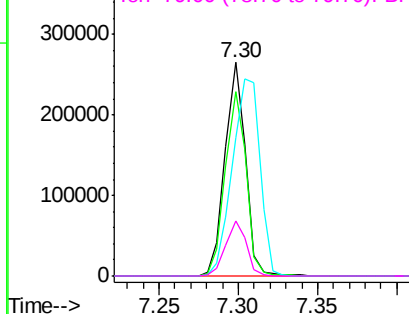
Abundance

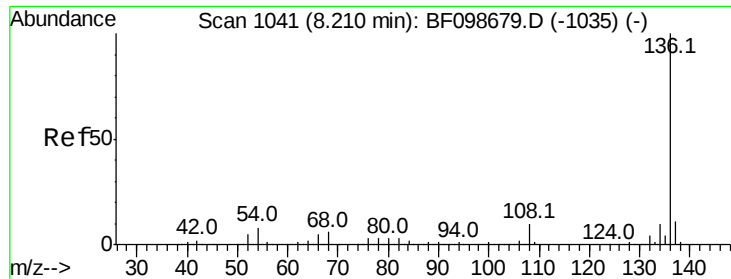
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



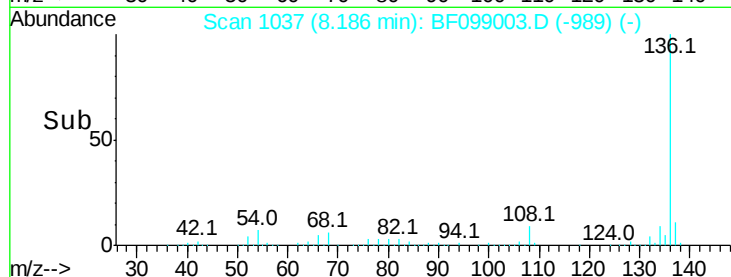
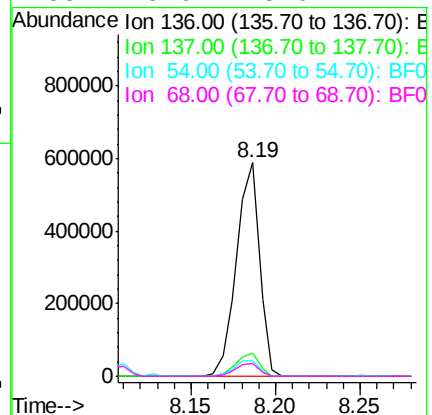
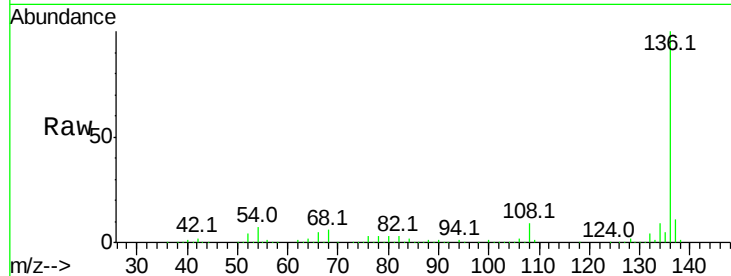


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

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

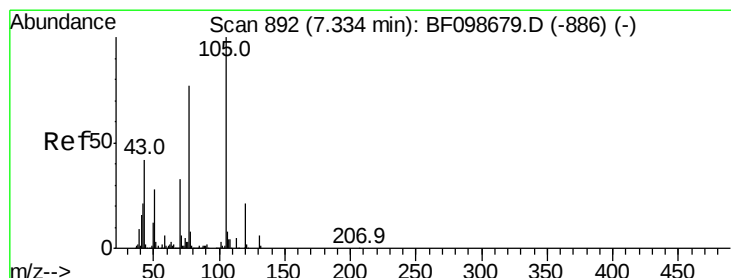
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	7.4	6.6	9.8	
68	5.9	5.0	7.4	

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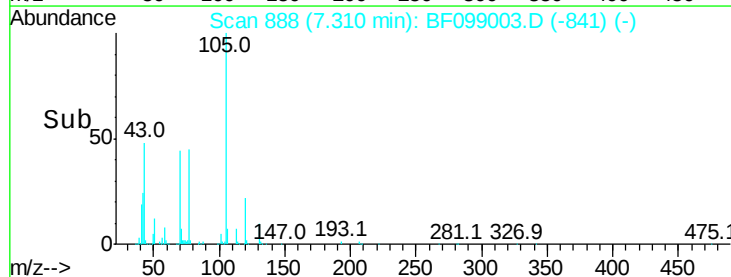
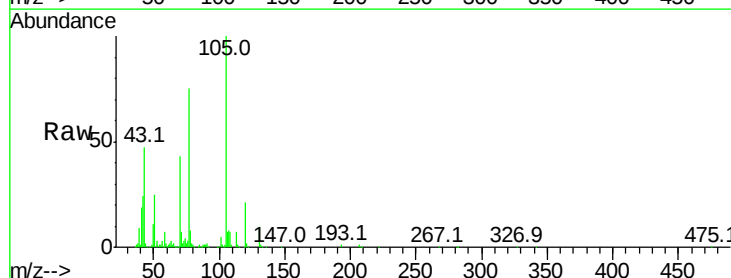
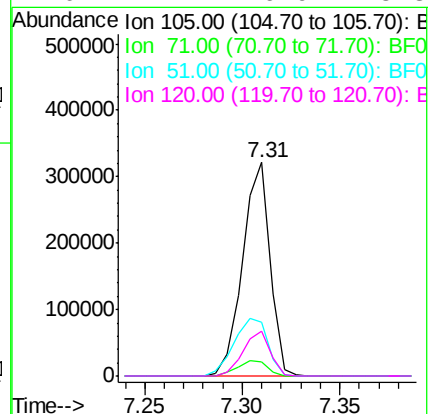
Sohil

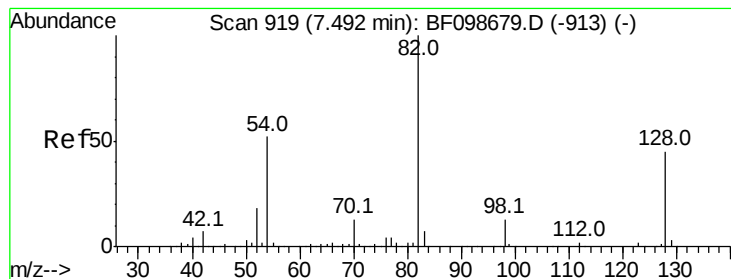
10/3/2017 6:50:39 PM



#22
Acetophenone
Concen: 23.130 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.9	4.4	6.6#	
51	24.9	22.3	33.5	
120	21.2	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 50.859 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.02 min

Lab File: BF099003.D

Acq: 2 Oct 2017 16:54

Instrument :

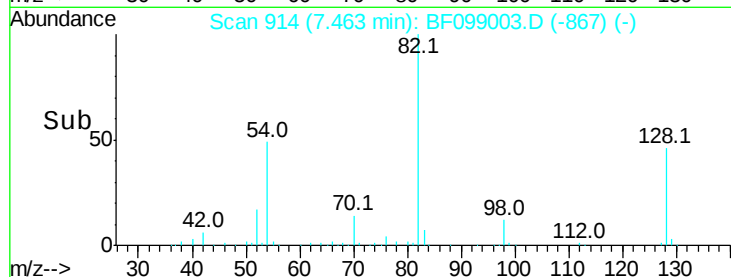
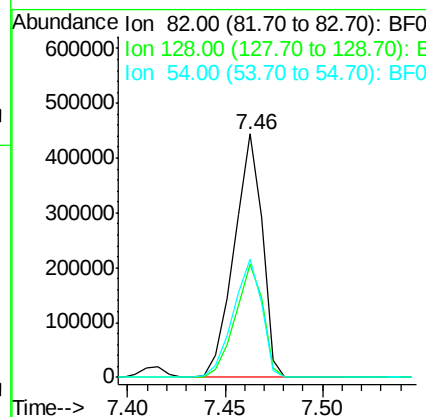
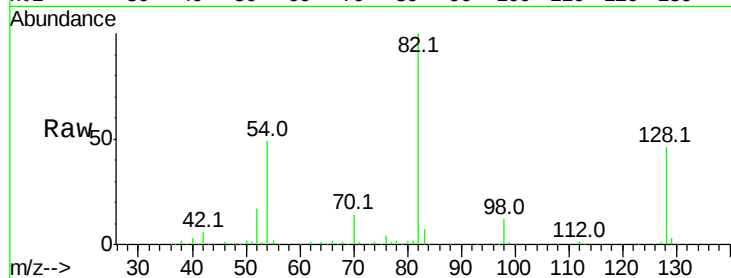
BNA_F

ClientSampleId :

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

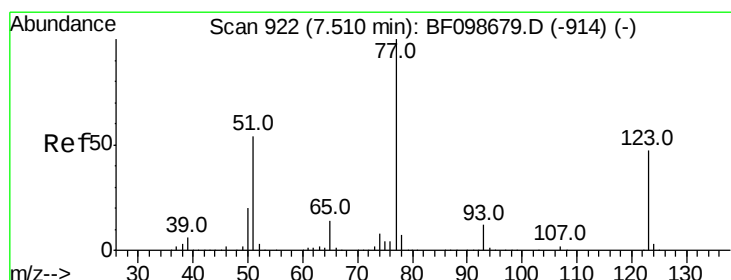
Tot Ion:	82	Resp:	442472
Ion Ratio	Lower	Upper	
82	100		
128	46.4	36.1	54.1
54	48.7	41.4	62.2

Manual Integrations
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#24

Nitrobenzene

Concen: 23.728 ng

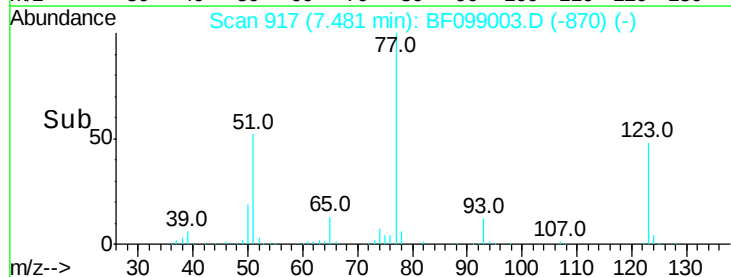
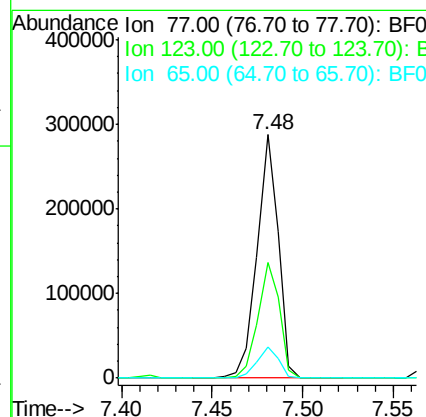
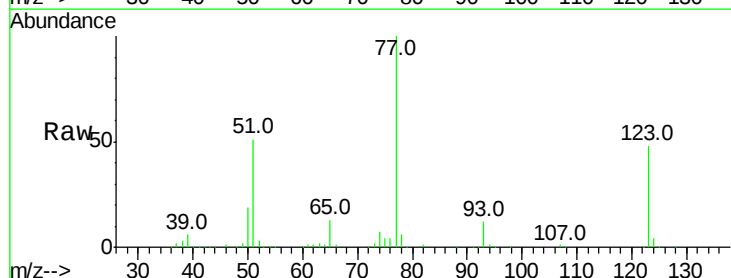
RT: 7.48 min Scan# 917

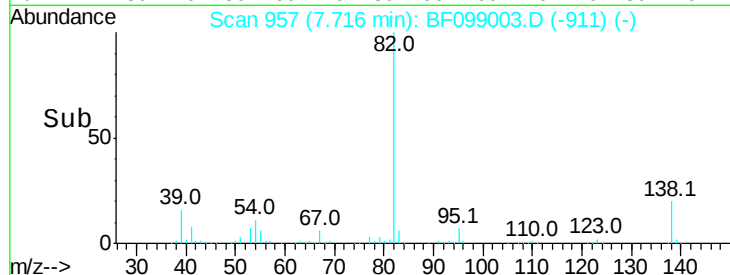
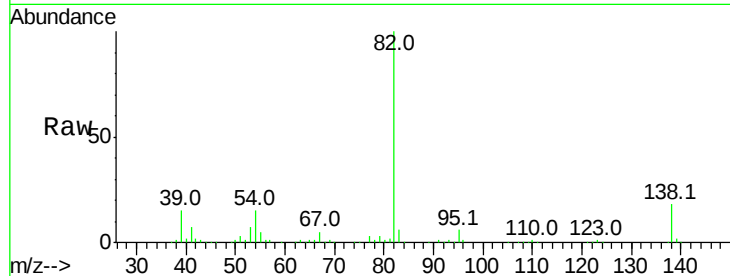
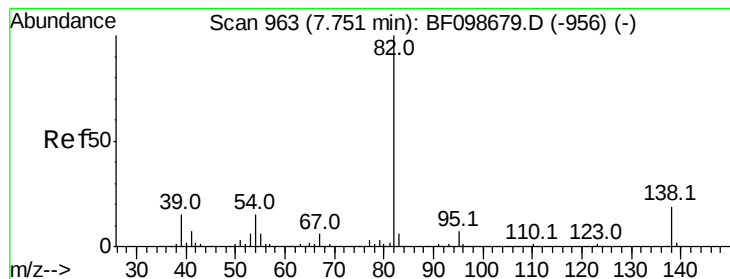
Delta R.T. -0.02 min

Lab File: BF099003.D

Acq: 2 Oct 2017 16:54

Tgt Ion:	77	Resp:	234171
Ion Ratio	Lower	Upper	
77	100		
123	47.6	37.9	56.9
65	12.8	11.0	16.4





#25

Isophorone

Concen: 23.607 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.03 min

Lab File: BF099003.D

Acq: 2 Oct 2017 16:54

Tot Ion:	82	Resp:	424631
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.2	7.8
138	17.7	14.9	22.3

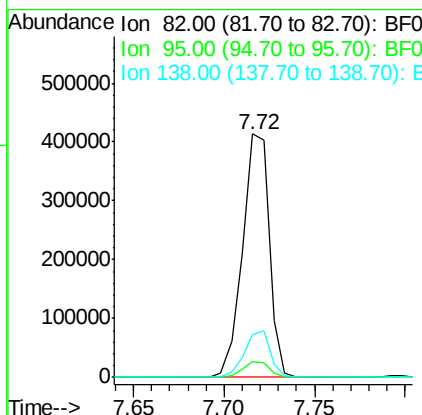
Instrument :

BNA_F

ClientSampleId :

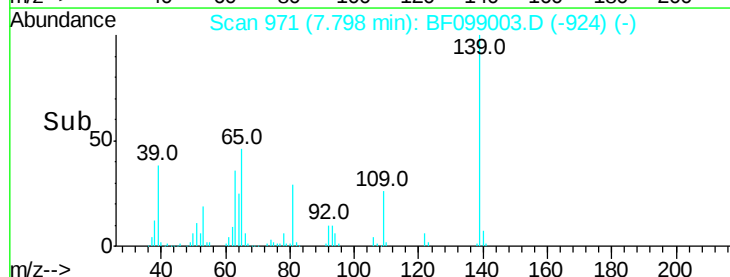
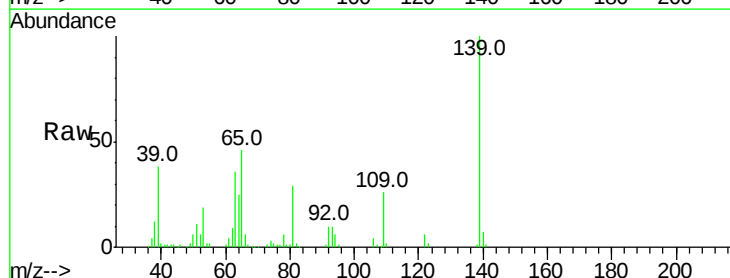
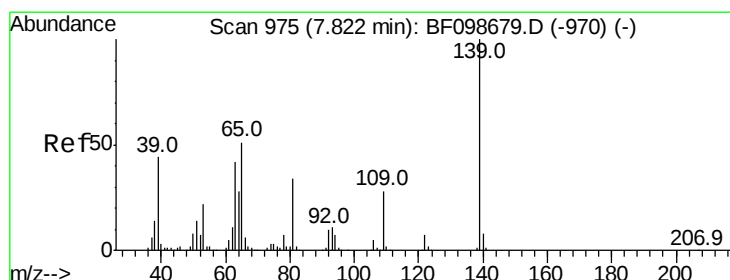
SASP2P-ENV-114-1(10-16)MS

Manual Integrations
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#26

2-Nitrophenol

Concen: 25.284 ng

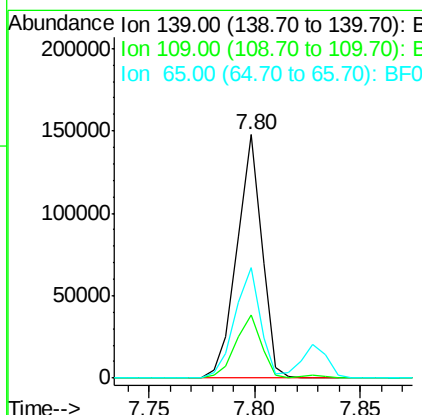
RT: 7.80 min Scan# 971

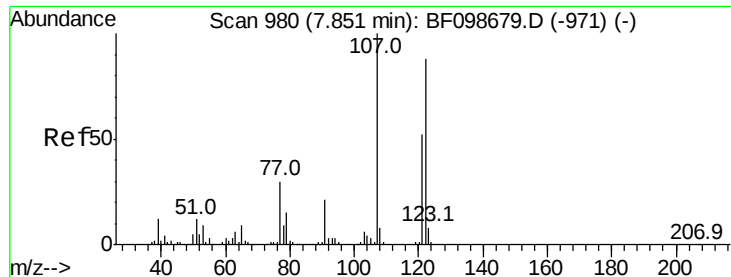
Delta R.T. -0.02 min

Lab File: BF099003.D

Acq: 2 Oct 2017 16:54

Tgt Ion:	139	Resp:	119990
Ion Ratio	Lower	Upper	
139	100		
109	26.0	22.7	34.1
65	45.6	40.5	60.7



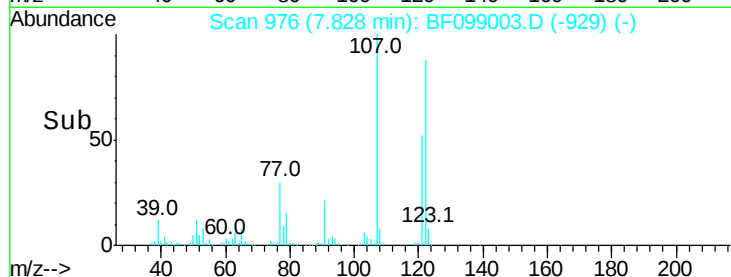
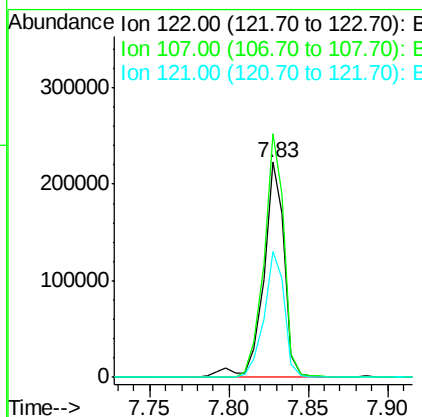
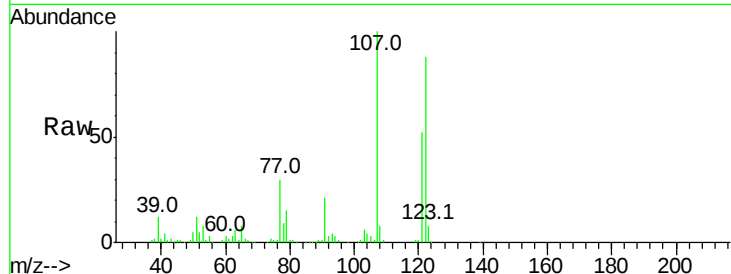


#27
2,4-Dimethylphenol
Concen: 22.803 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

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

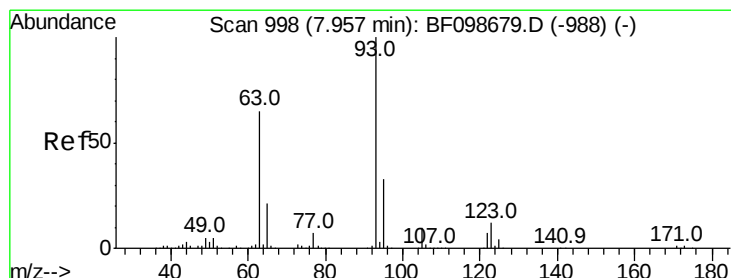
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.2	91.2	136.8
121	58.5	47.2	70.8

Manual Integrations
APPROVED



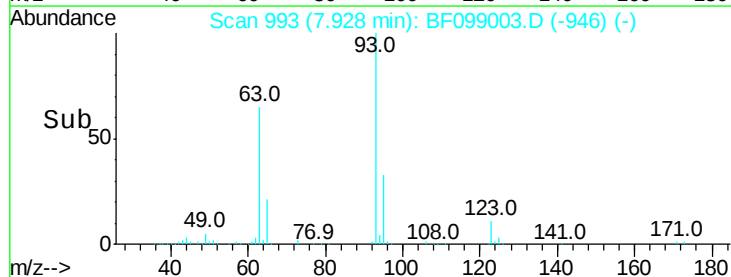
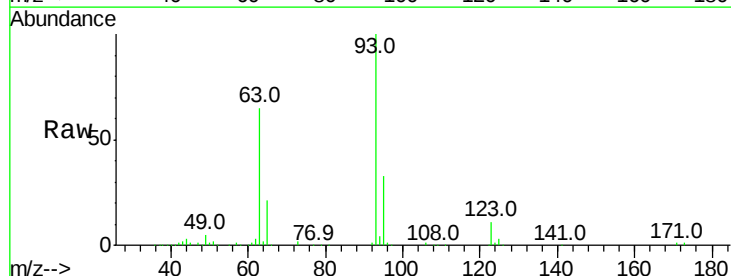
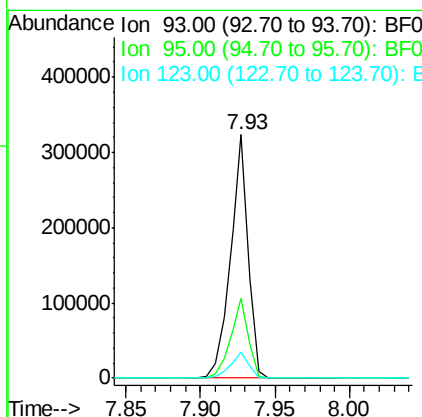
Sohil

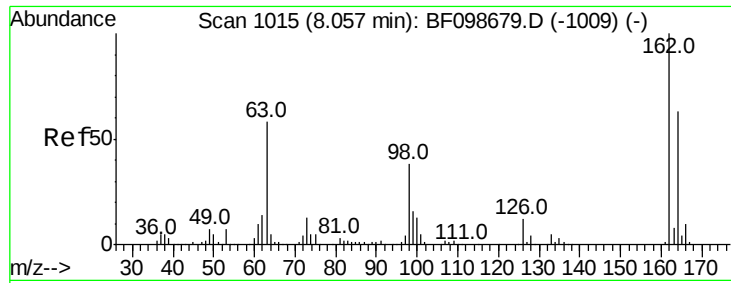
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#28
bis(2-Chloroethoxy)methane
Concen: 24.142 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	10.9	9.8	14.6



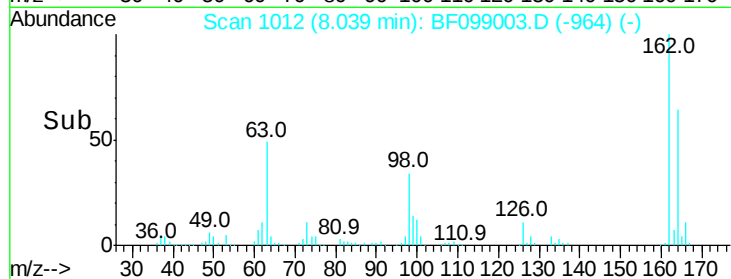
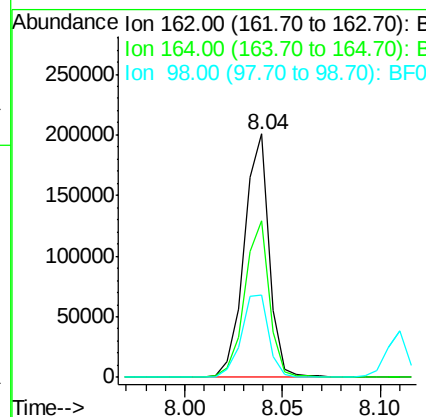
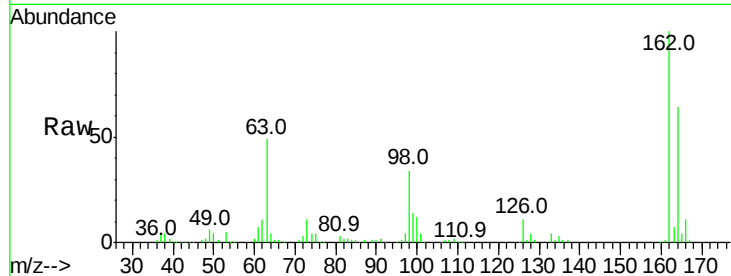


#29
 2,4-Dichlorophenol
 Concen: 23.217 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.02 min
 Lab File: BF099003.D
 Acq: 2 Oct 2017 16:54

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

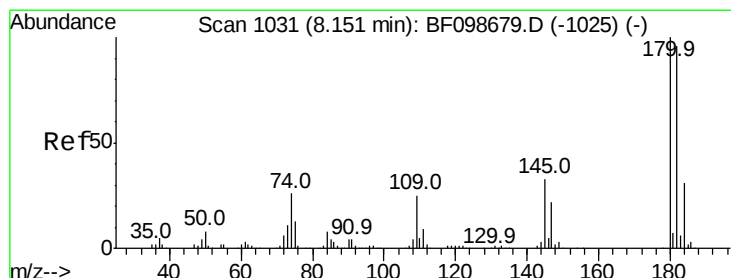
Tot Ion	Ratio	Resp	Lower	Upper
162	100	178654		
164	64.3	42.7	82.7	
98	33.7	18.1	58.1	

Manual Integrations
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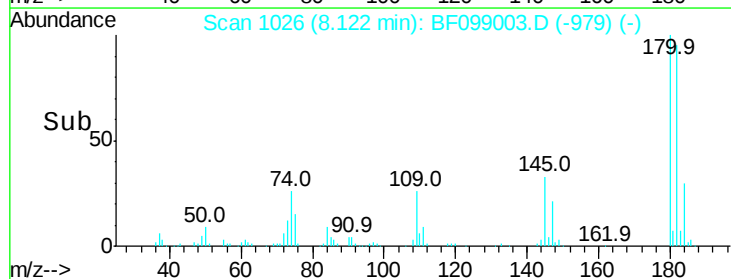
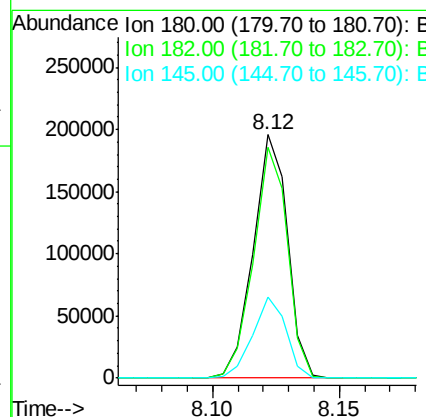
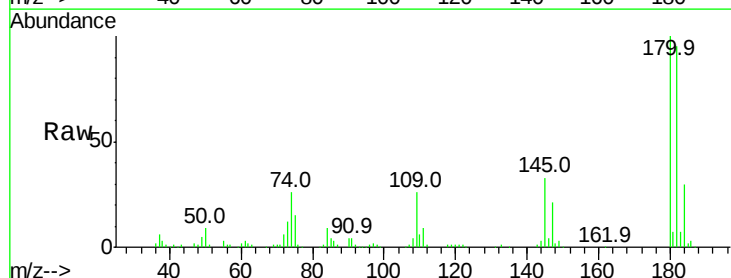
Sohil

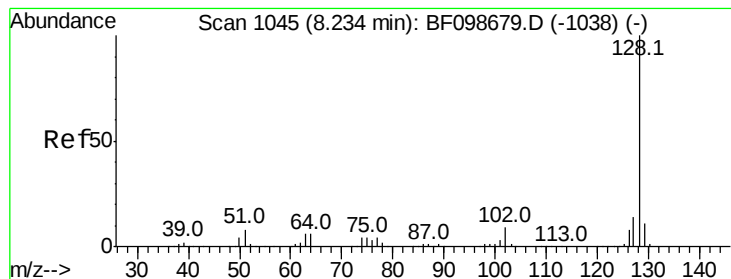
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#30
 1,2,4-Trichlorobenzene
 Concen: 23.895 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BF099003.D
 Acq: 2 Oct 2017 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	183902		
182	94.7	76.8	115.2	
145	33.4	26.5	39.7	





#31

Naphthalene

Concen: 24.349 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BF099003.D

Acq: 2 Oct 2017 16:54

Instrument :

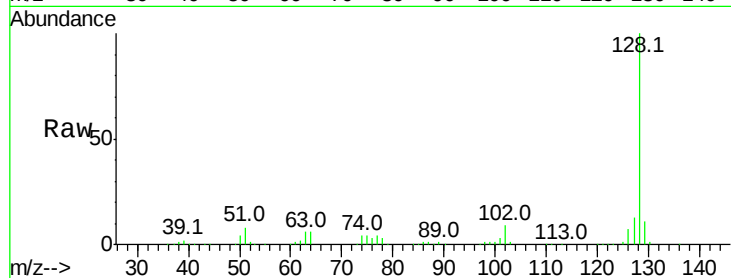
BNA_F

ClientSampleId :

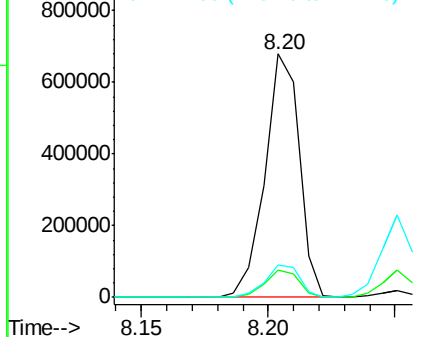
SASP2P-ENV-114-1(10-16)MS

Tot Ion:	128	Resp:	638035
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	13.1	10.9	16.3

Manual Integrations
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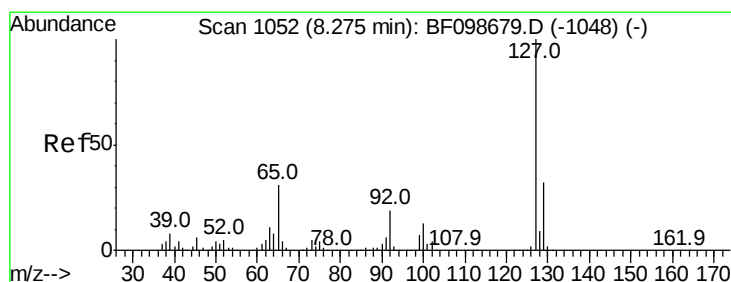
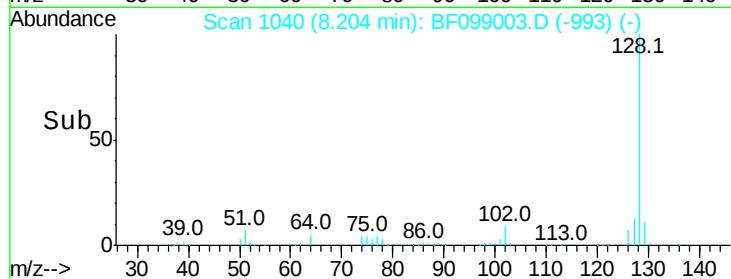


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



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#33

4-Chloroaniline

Concen: 18.608 ng

RT: 8.25 min Scan# 1048

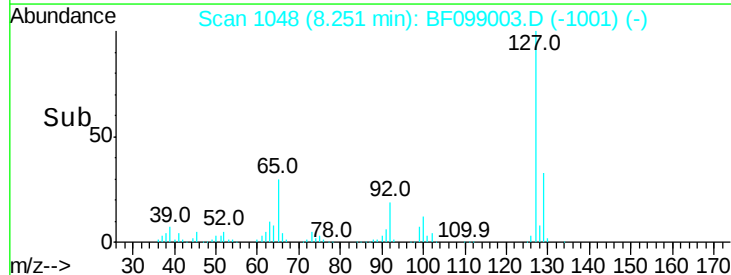
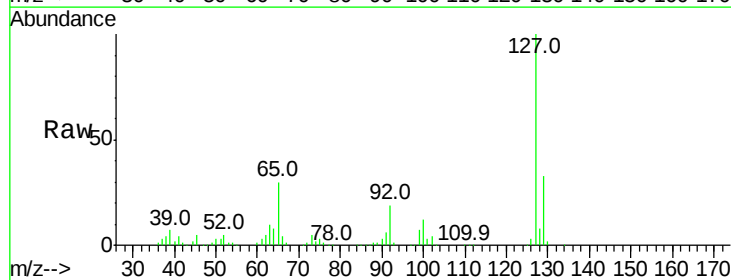
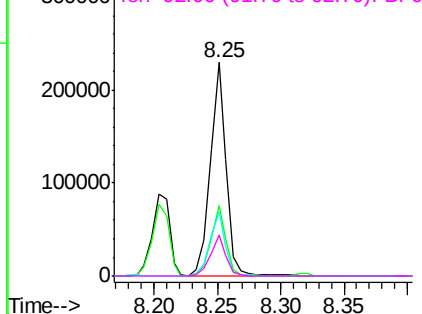
Delta R.T. -0.02 min

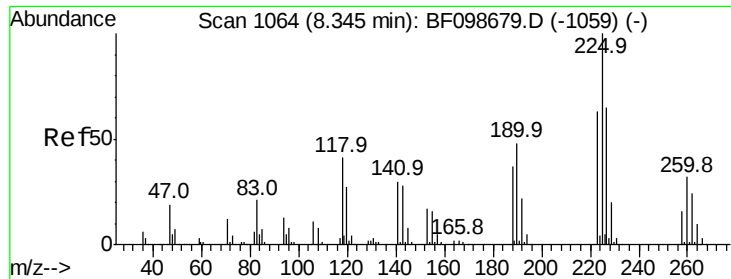
Lab File: BF099003.D

Acq: 2 Oct 2017 16:54

Tgt Ion:	127	Resp:	203619
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.9	38.9
65	29.8	25.0	37.4
92	19.1	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



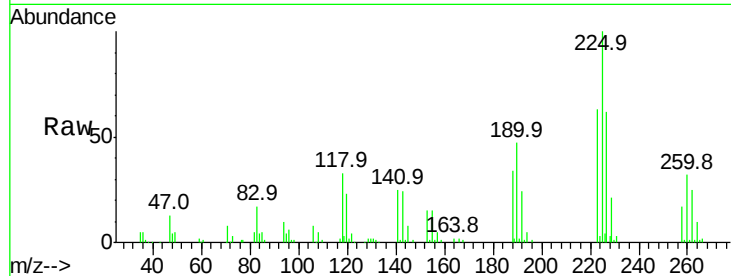


#34
Hexachlorobutadiene
Concen: 23.341 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

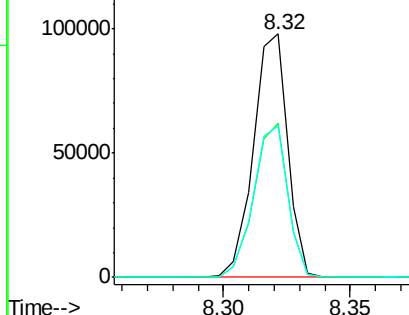
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MS

Tot Ion:	225	Resp:	92524
Ion Ratio	Lower	Upper	
225	100		
223	63.4	50.6	76.0
227	62.2	51.9	77.9

Manual Integrations
APPROVED

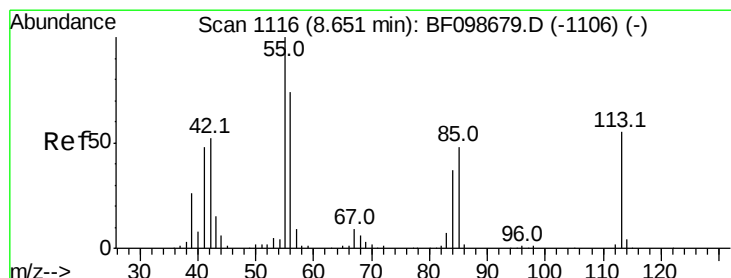
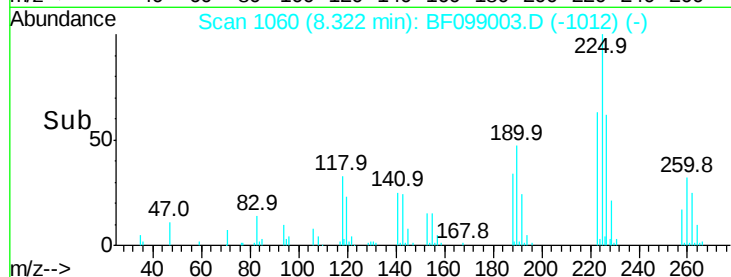


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



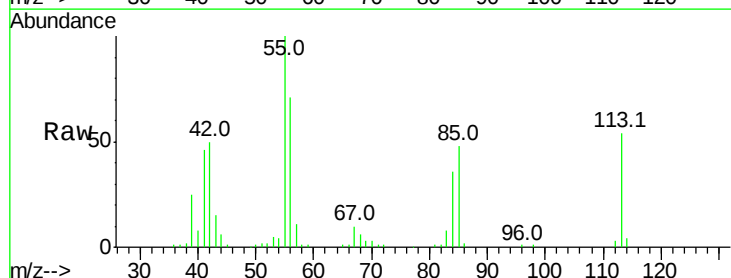
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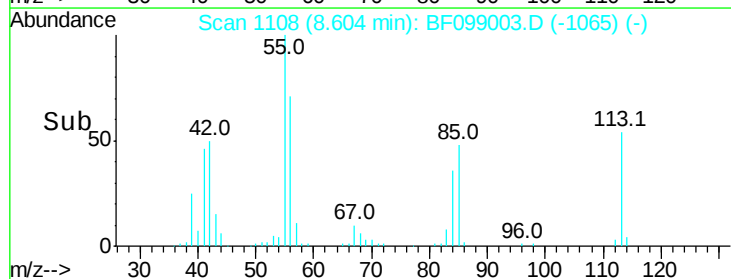
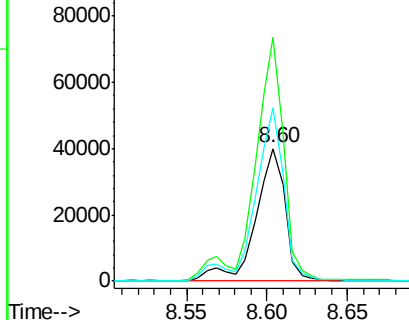


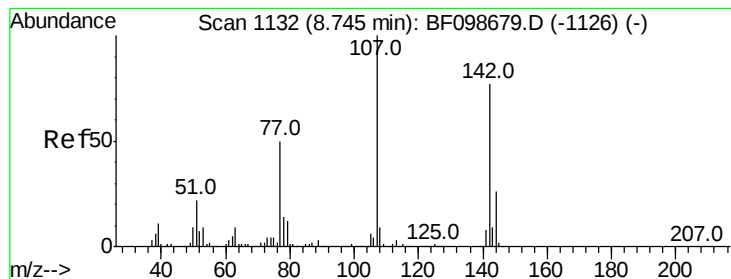
#35
Caprolactam
Concen: 20.792 ng m
RT: 8.60 min Scan# 1108
Delta R.T. -0.05 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:	113	Resp:	51322
Ion Ratio	Lower	Upper	
113	100		
55	183.8	163.3	203.3
56	130.3	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



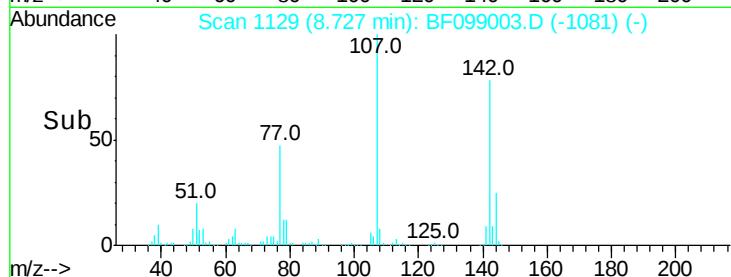
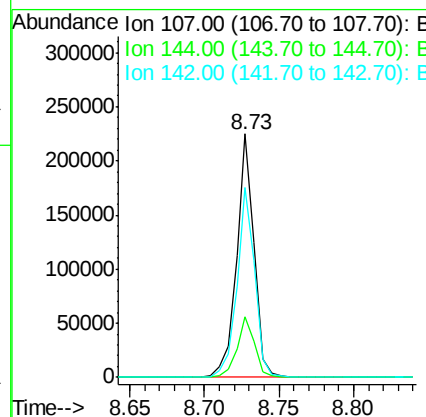
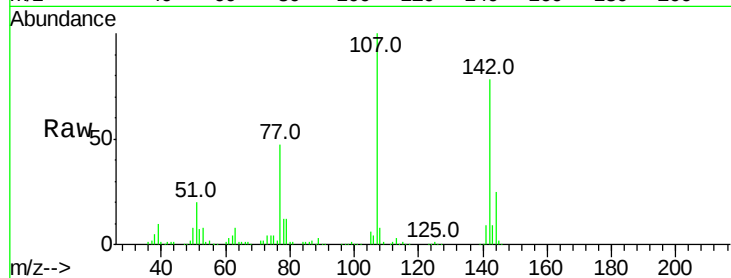


#36
4-Chloro-3-methylphenol
Concen: 21.533 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

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

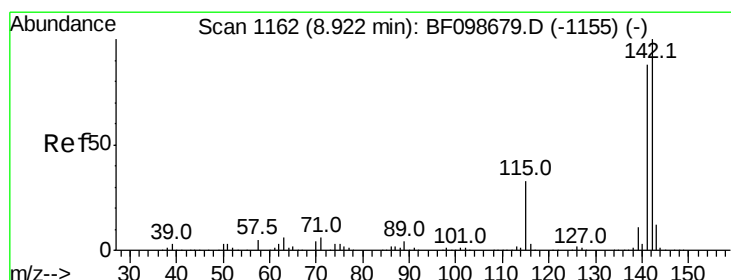
Tot Ion	Ratio	Lower	Upper
107	100		
144	25.0	20.5	30.7
142	77.8	62.0	93.0

Manual Integrations
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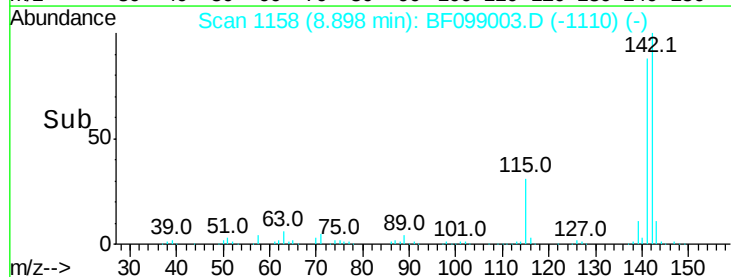
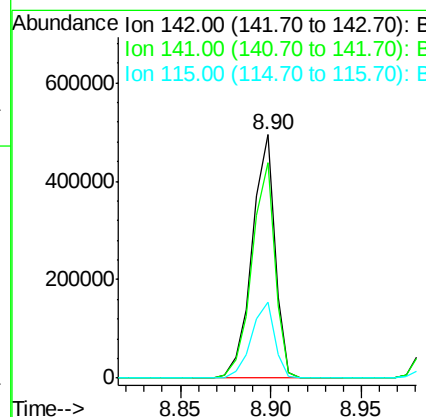
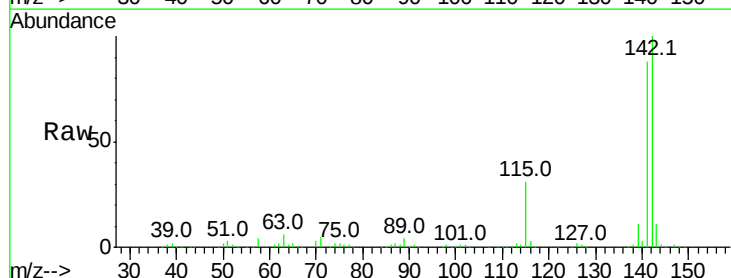
Sohil

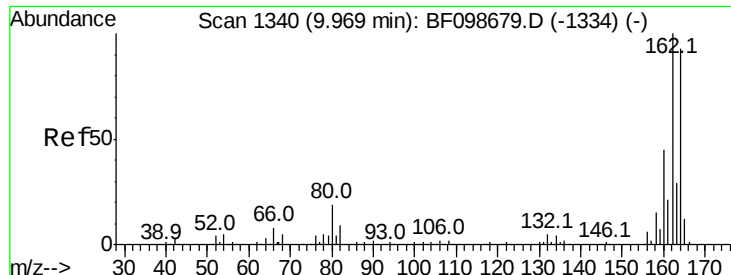
10/3/2017 6:50:39 PM



#37
2-Methylnaphthalene
Concen: 25.558 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.8	106.2
115	31.0	26.1	39.1



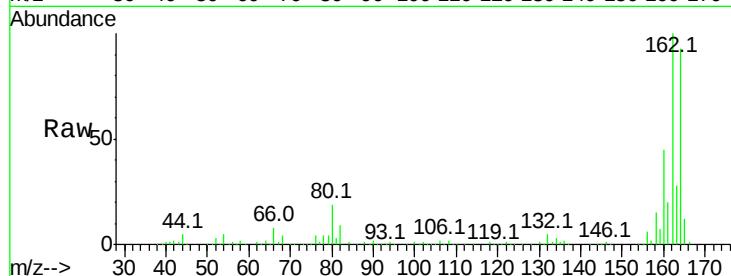


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.3	86.1	129.1
160	48.3	38.3	57.5

Manual Integrations
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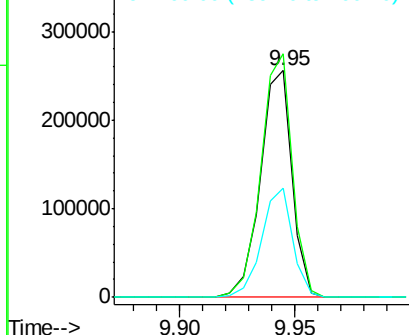


Abundance

Ion 164.00 (163.70 to 164.70): E

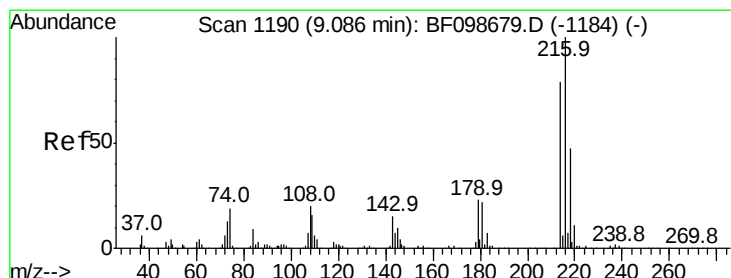
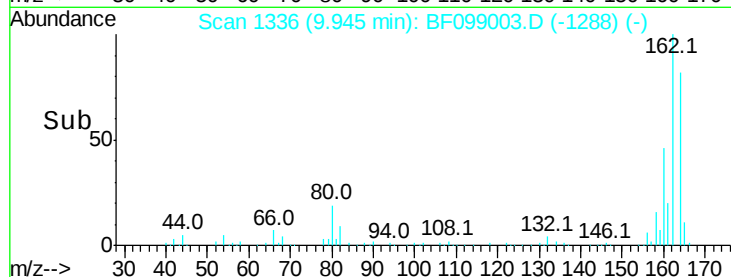
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



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#39
1,2,4,5-Tetrachlorobenzene
Concen: 23.000 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.4
179	22.4	18.1	27.1
108	22.0	17.2	25.8

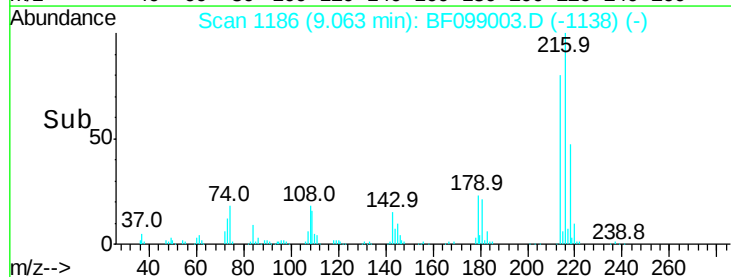
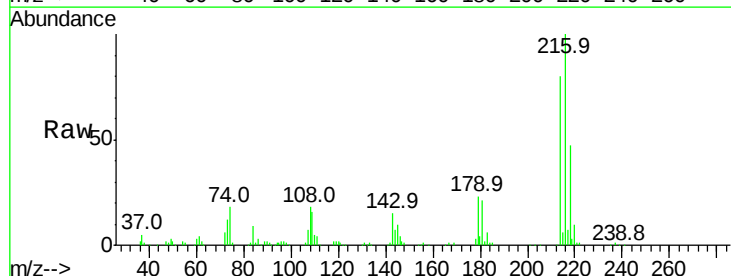
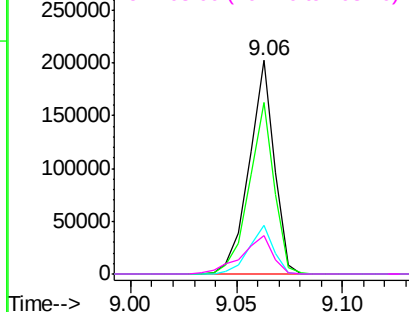
Abundance

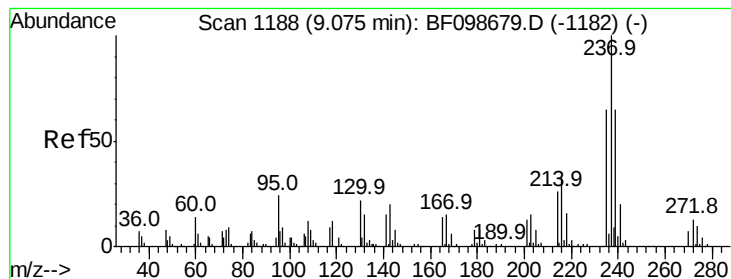
Ion 216.00 (215.70 to 216.70): E

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: 43.859 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.02 min

Lab File: BF099003.D

Acq: 2 Oct 2017 16:54

Instrument :

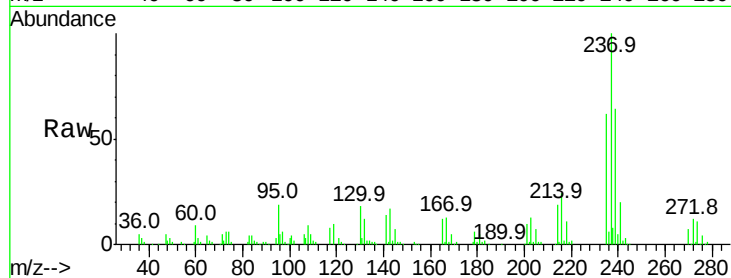
BNA_F

ClientSampleId :

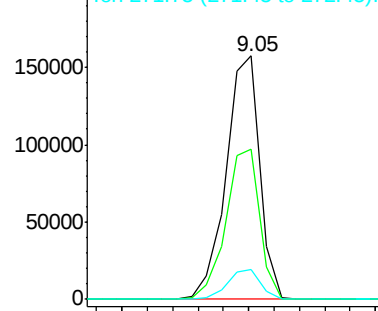
SASP2P-ENV-114-1(10-16)MS

Tot Ion:	237	Resp:	145703
Ion Ratio	Lower	Upper	
237	100		
235	61.9	44.8	84.8
272	12.5	0.0	33.3

Manual Integrations
APPROVED

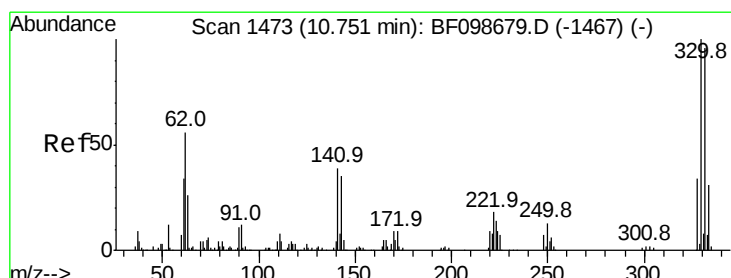
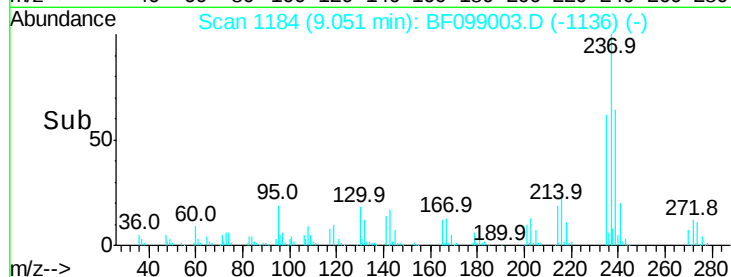


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



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#41

2,4,6-Tribromophenol

Concen: 65.412 ng

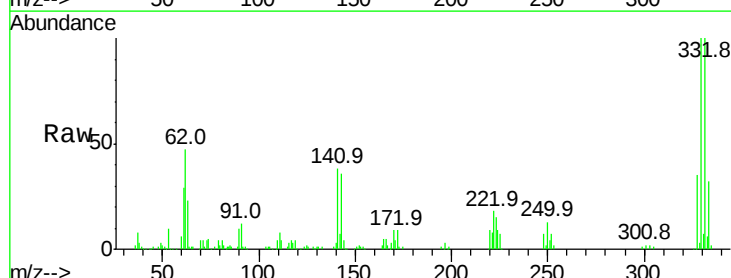
RT: 10.73 min Scan# 1470

Delta R.T. -0.02 min

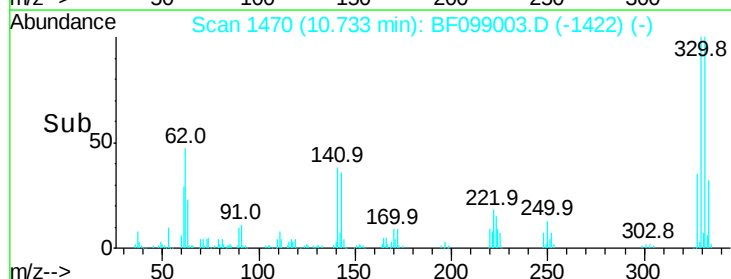
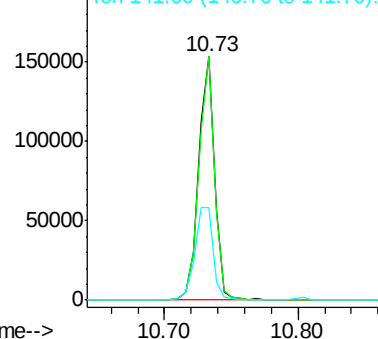
Lab File: BF099003.D

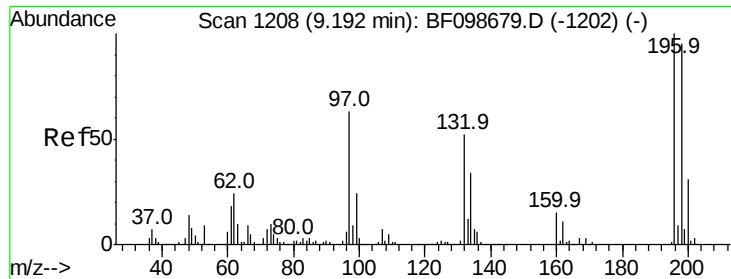
Acq: 2 Oct 2017 16:54

Tgt Ion:	330	Resp:	130468
Ion Ratio	Lower	Upper	
330	100		
332	98.0	77.0	115.6
141	43.6	29.9	44.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



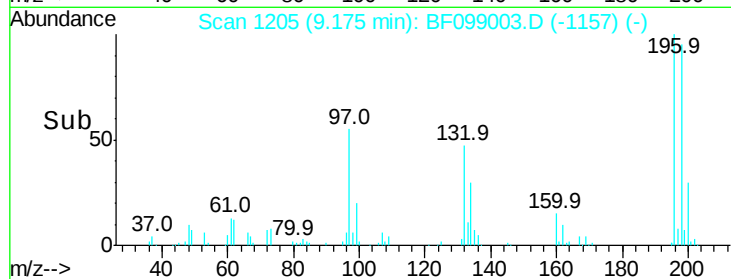
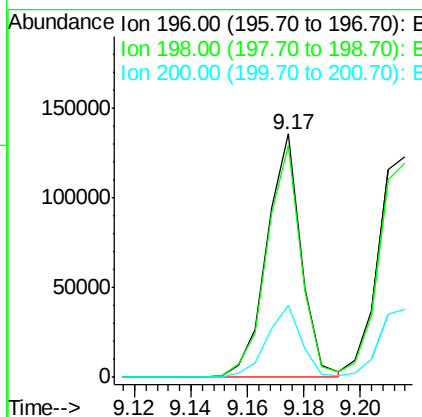
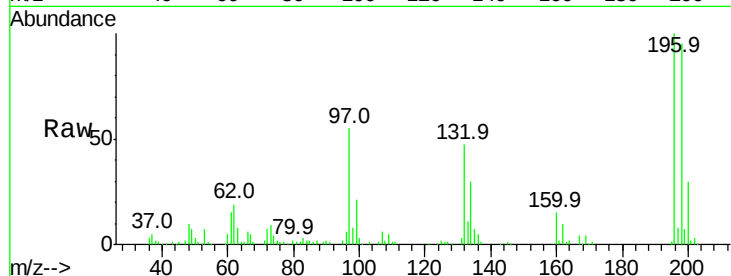


#42
 2,4,6-Trichlorophenol
 Concen: 22.099 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF099003.D
 Acq: 2 Oct 2017 16:54

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

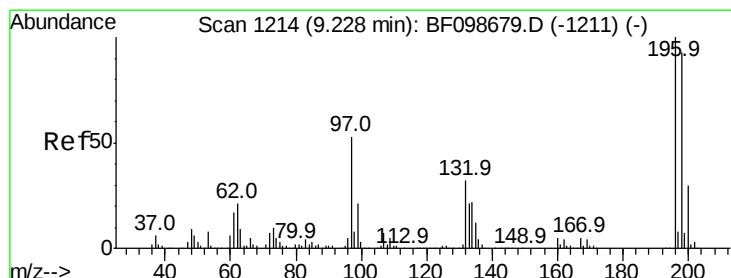
Tot Ion:	196	Resp:	113804
Ion Ratio	Lower	Upper	
196	100		
198	95.5	75.7	113.5
200	29.5	24.5	36.7

Manual Integrations
 APPROVED



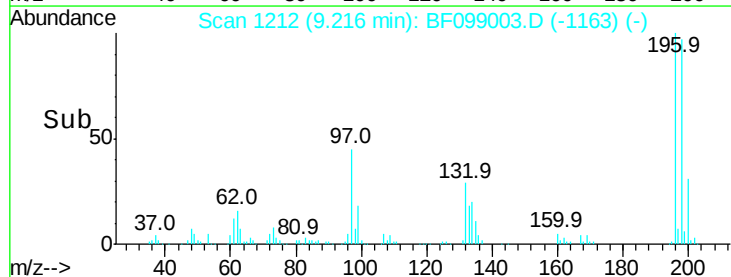
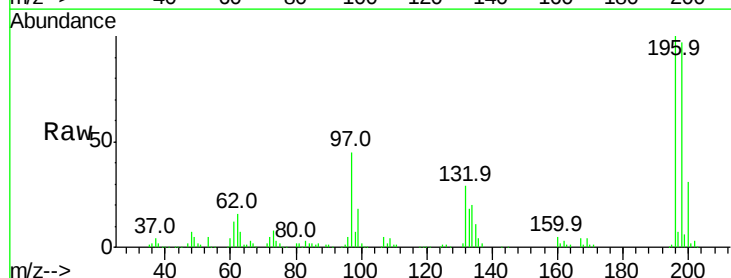
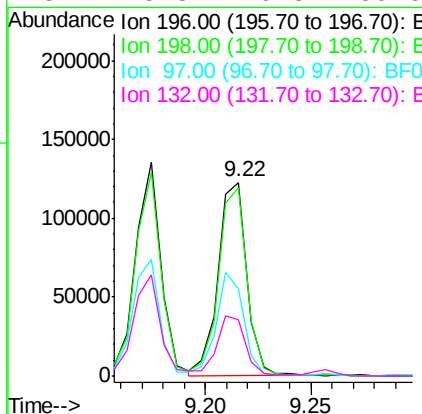
Sohil

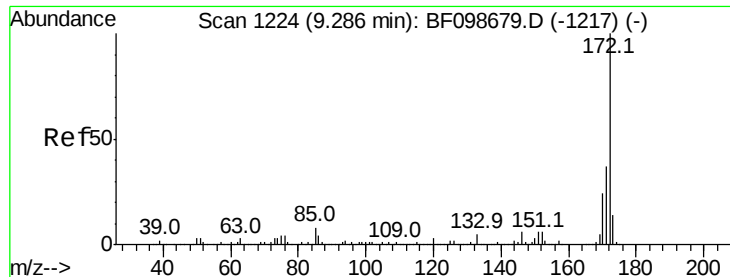
10/3/2017 6:50:39 PM



#43
 2,4,5-Trichlorophenol
 Concen: 22.442 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099003.D
 Acq: 2 Oct 2017 16:54

Tgt Ion:	196	Resp:	115371
Ion Ratio	Lower	Upper	
196	100		
198	97.1	74.6	112.0
97	45.0	42.9	64.3
132	28.8	26.3	39.5



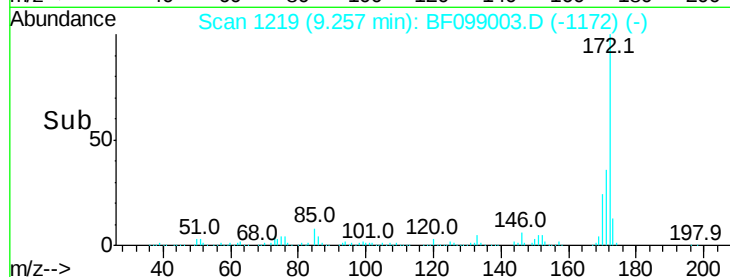
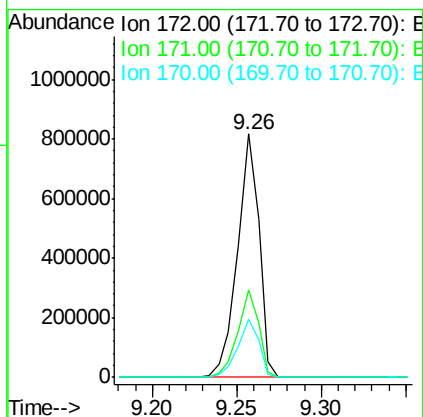
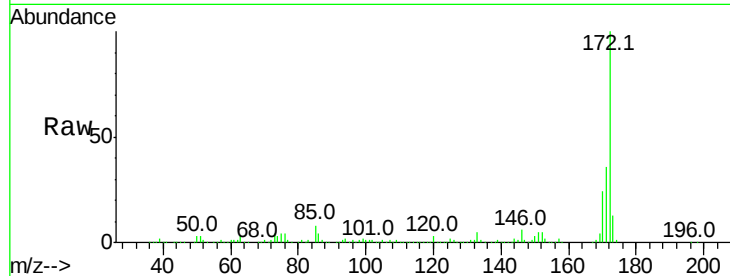


#44
2-Fluorobiphenyl
Concen: 49.472 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

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

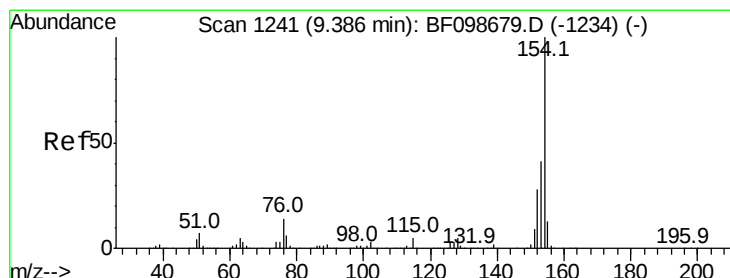
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.9	19.6	29.4

Manual Integrations
APPROVED



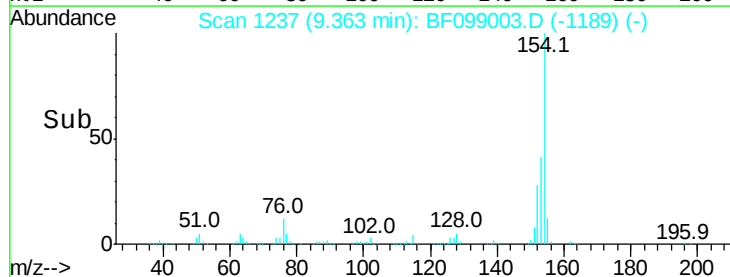
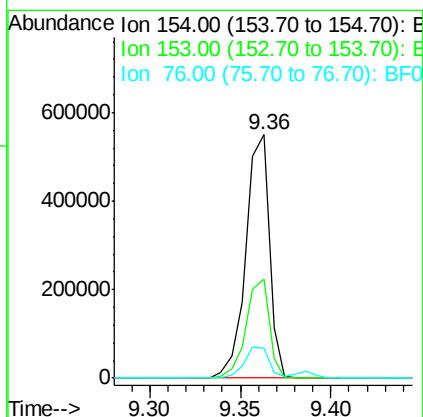
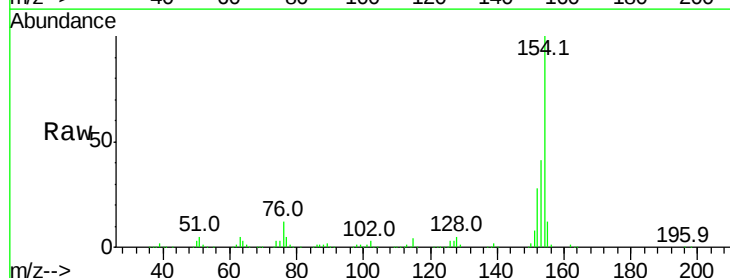
Sohil

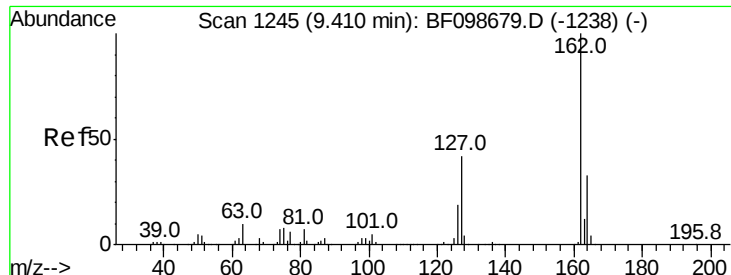
10/3/2017 6:50:39 PM



#45
1,1'-Biphenyl
Concen: 23.655 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	12.1	0.0	34.0



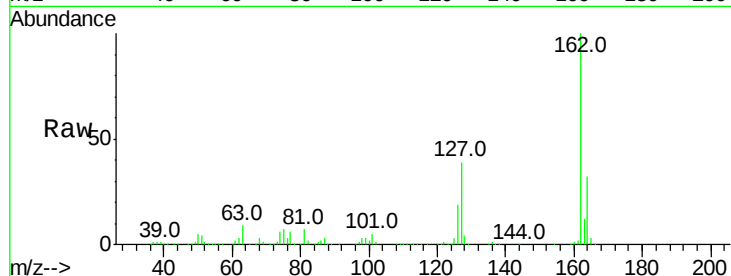


#46
2-Chloronaphthalene
Concen: 24.461 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

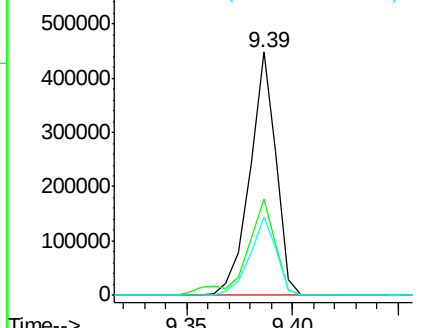
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	33.9	50.9
164	32.2	26.5	39.7

Manual Integrations
APPROVED

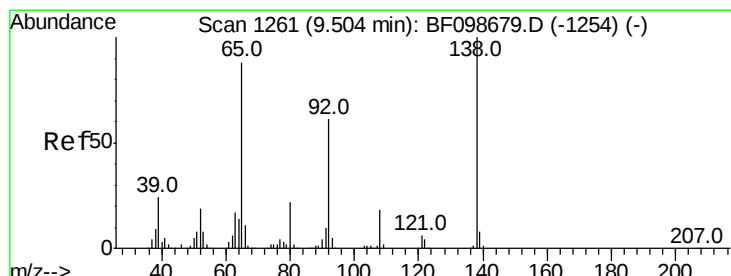
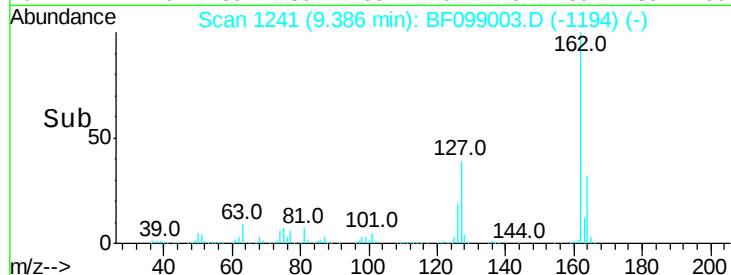


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



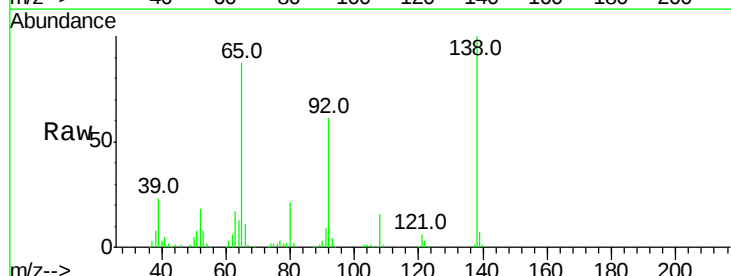
Sohil

10/3/2017 6:50:39 PM

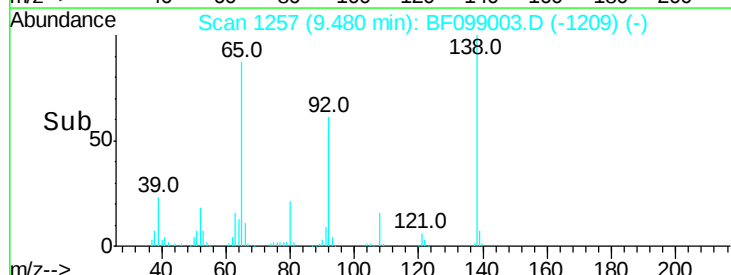
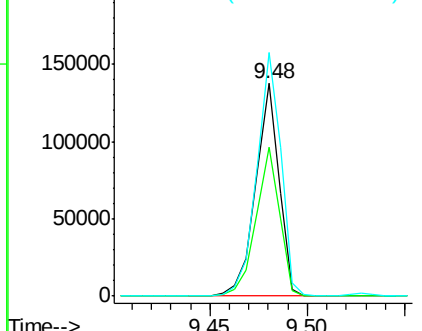


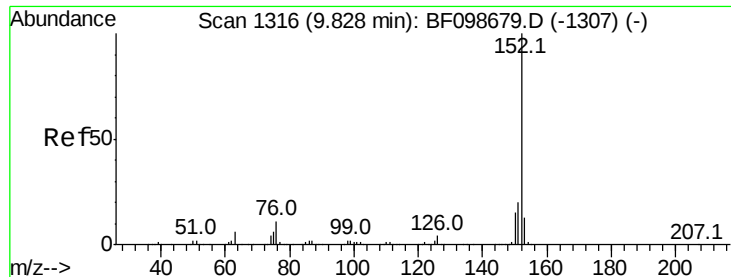
#47
2-Nitroaniline
Concen: 23.847 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.2	55.8	83.6
138	114.6	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



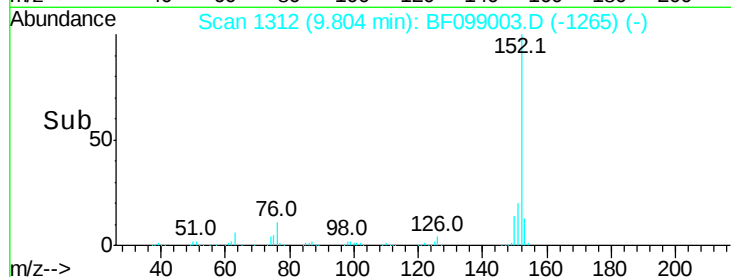
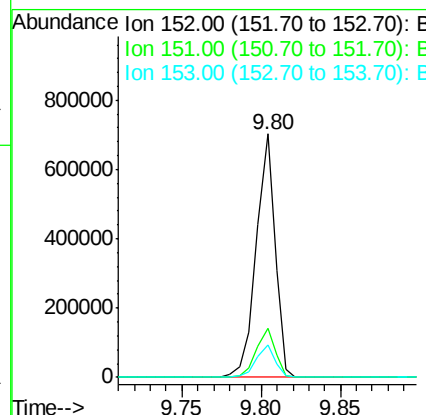
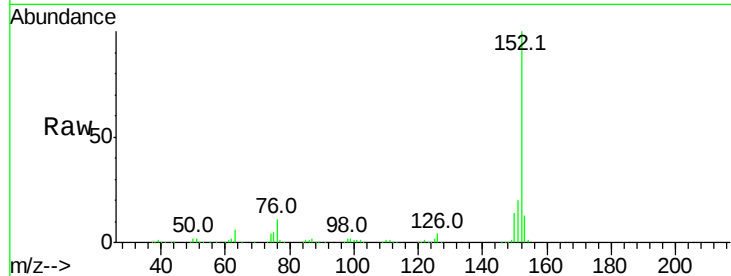


#48
Acenaphthylene
Concen: 24.217 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

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

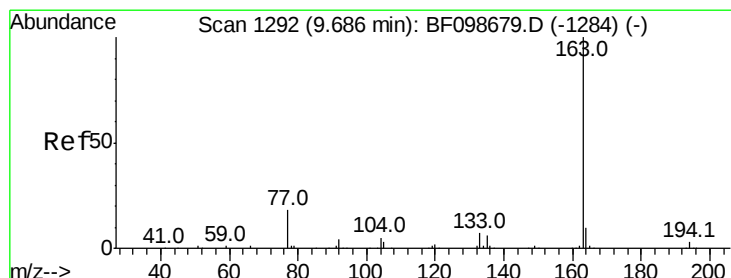
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.1	10.7	16.1

Manual Integrations
APPROVED



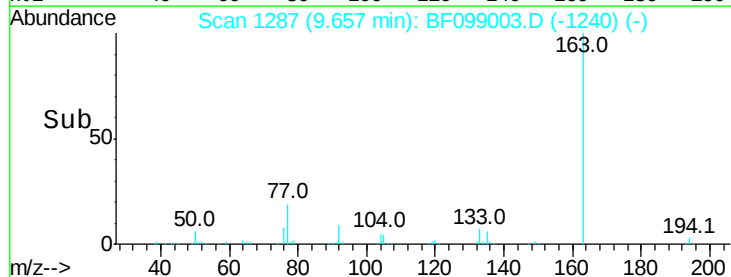
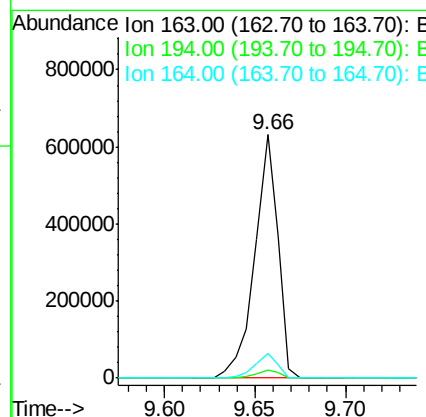
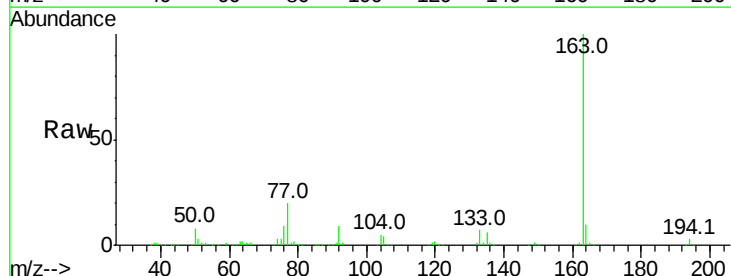
Sohil

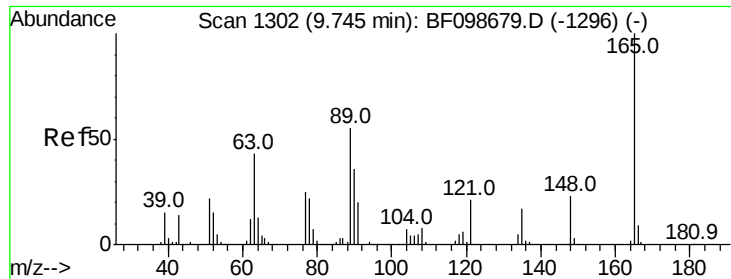
10/3/2017 6:50:39 PM



#49
Dimethylphthalate
Concen: 30.408 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	10.4	8.2	12.2



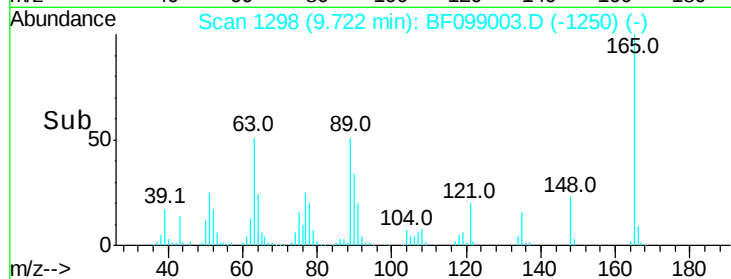
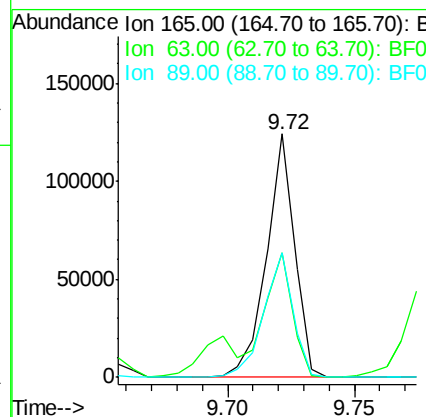
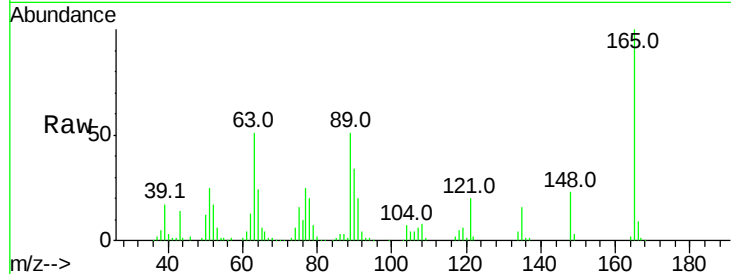


#50
2,6-Dinitrotoluene
Concen: 24.167 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

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

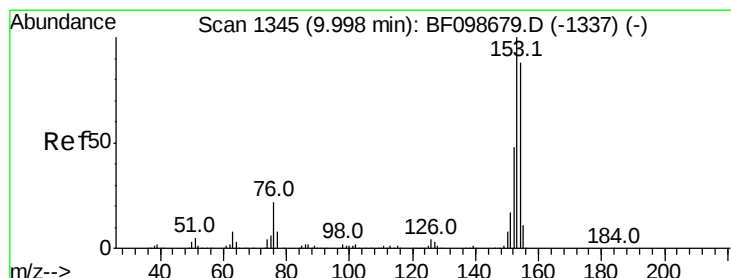
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.3	44.7	67.1	
89	50.9	44.0	66.0	

Manual Integrations
APPROVED



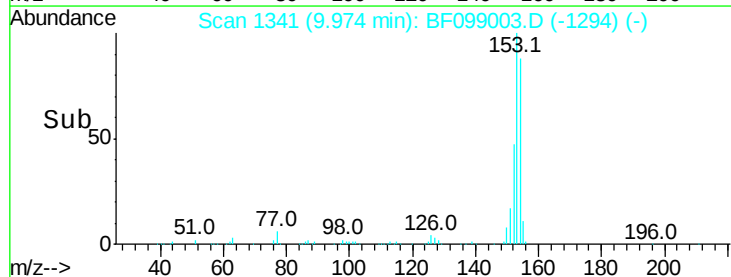
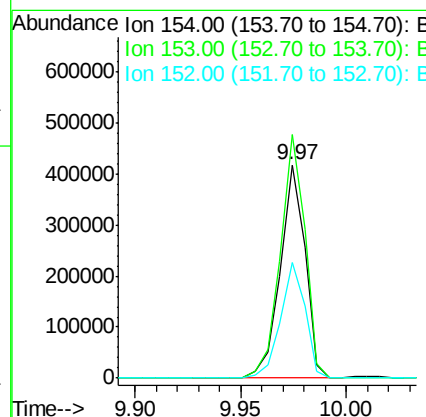
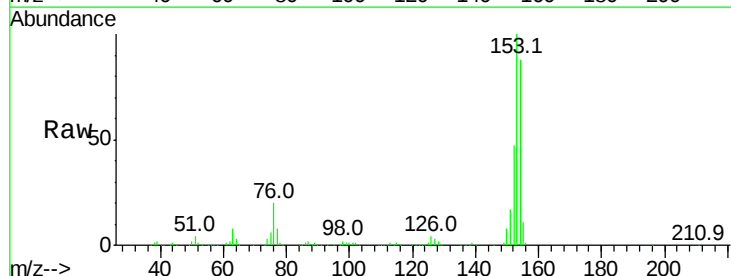
Sohil

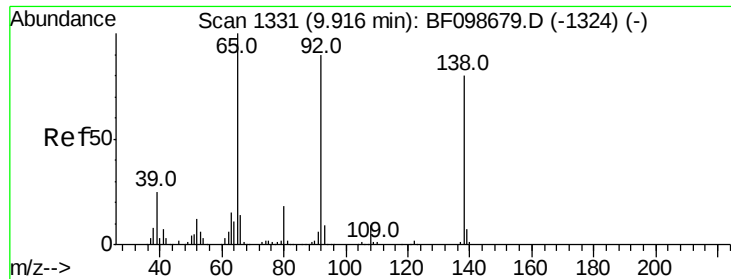
10/3/2017 6:50:39 PM



#51
Acenaphthene
Concen: 22.420 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.3	91.2	136.8	
152	54.1	43.8	65.8	



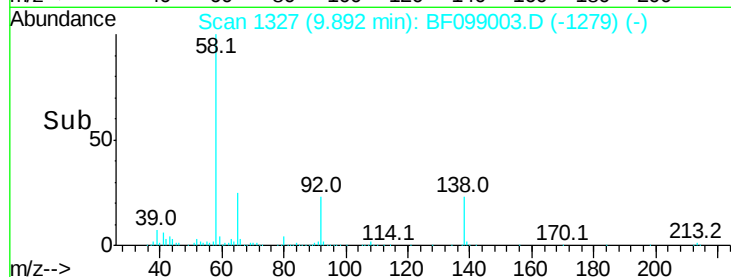
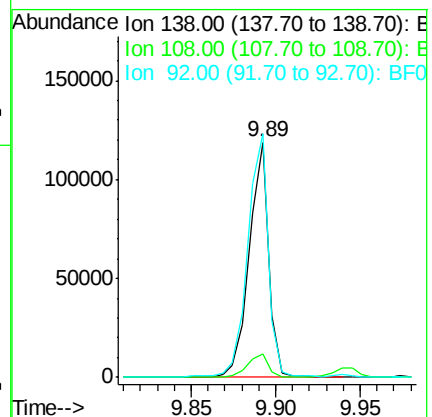
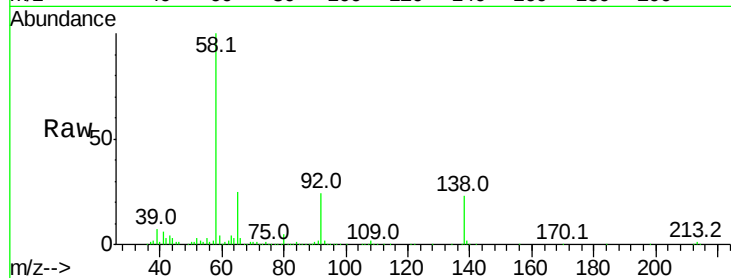


#52
3-Nitroaniline
Concen: 20.575 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

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

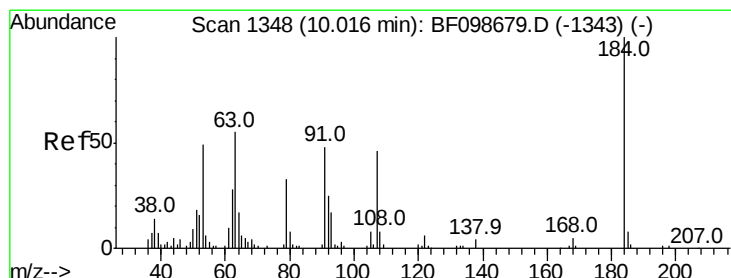
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.4	14.0
92	103.5	89.4	134.2

Manual Integrations
APPROVED



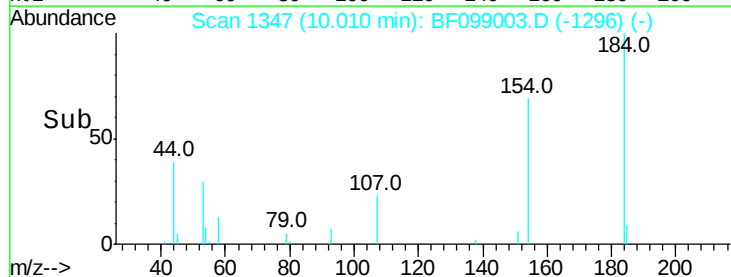
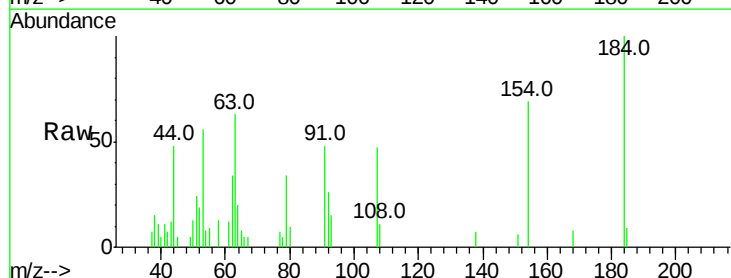
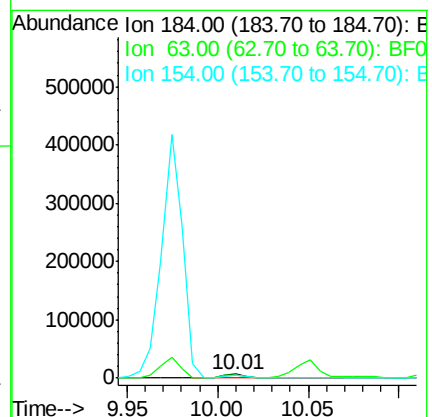
Sohil

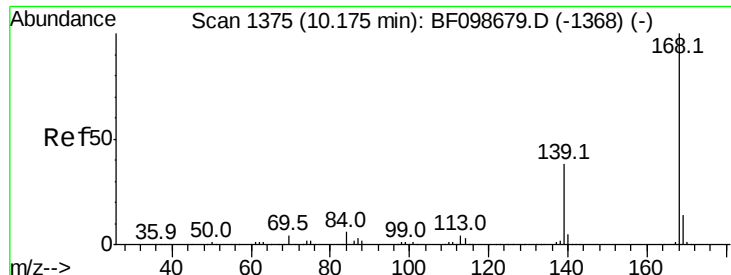
10/3/2017 6:50:39 PM



#53
2,4-Dinitrophenol
Concen: 9.031 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.6	54.2	81.2
154	69.4	53.5	80.3



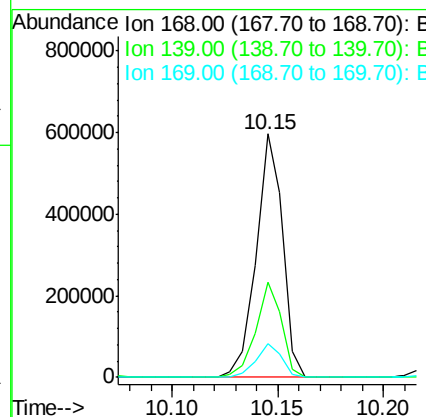
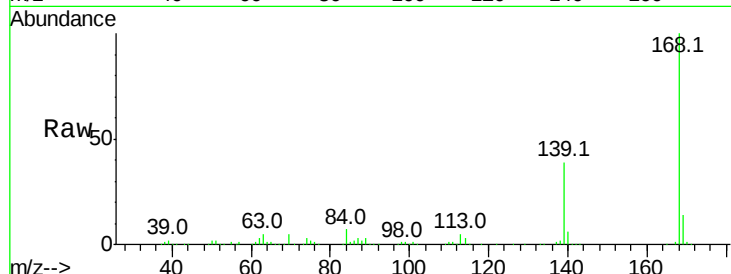


#54
Dibenzenofuran
Concen: 25.524 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

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

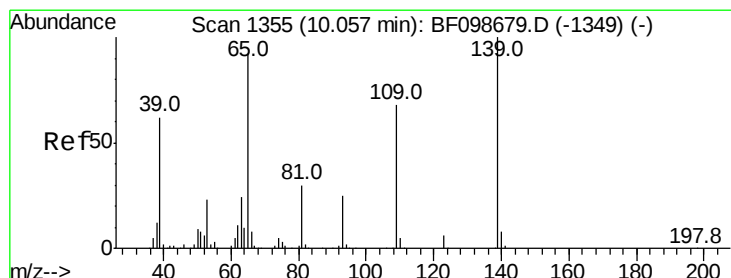
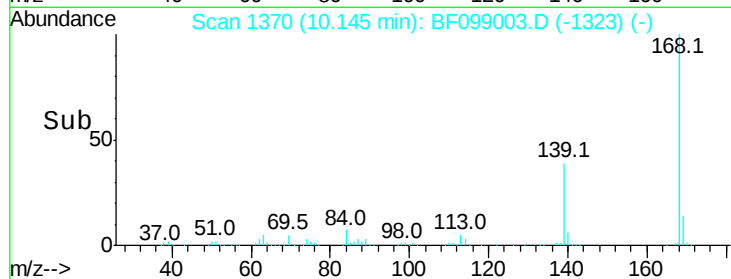
Tot Ion	Ratio	Resp	Lower	Upper
168	100	518336		
139	39.0		30.1	45.1
169	14.1		10.9	16.3

Manual Integrations
APPROVED



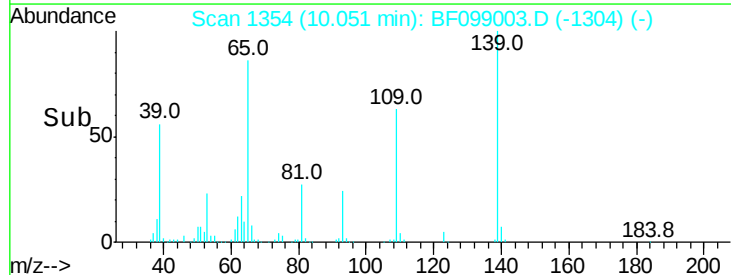
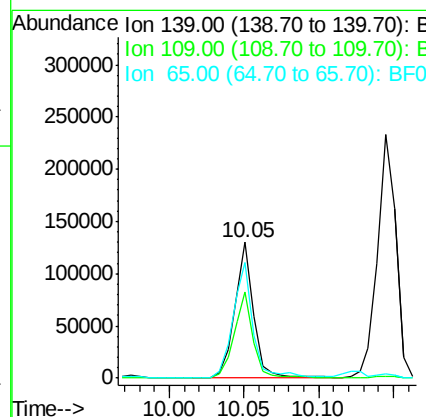
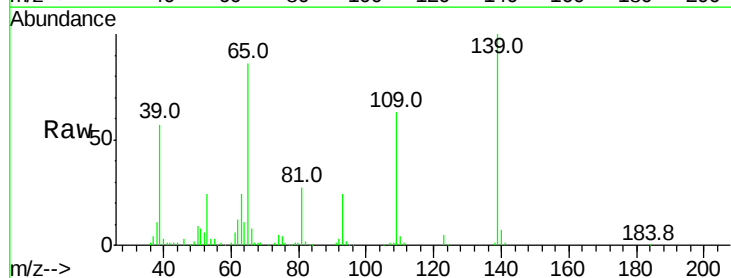
Sohil

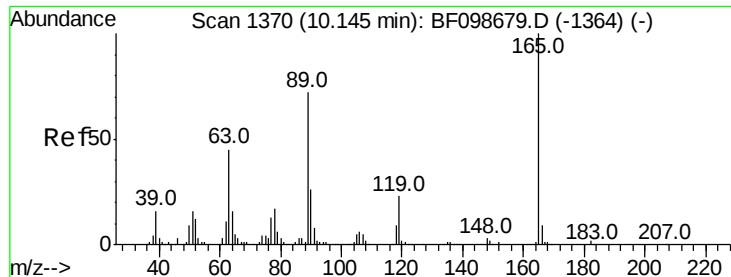
10/3/2017 6:50:39 PM



#55
4-Nitrophenol
Concen: 29.877 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	117979		
109	63.1		48.4	88.4
65	85.5		72.6	112.6



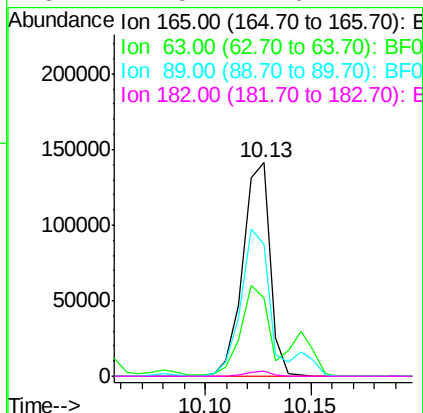
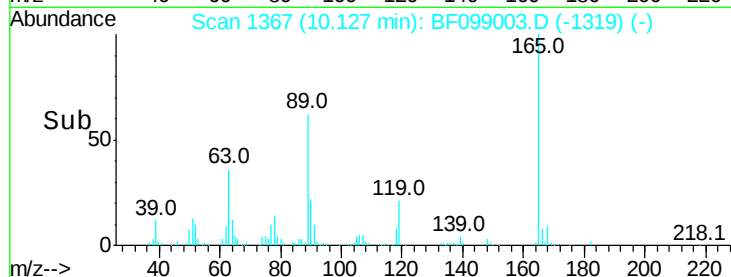
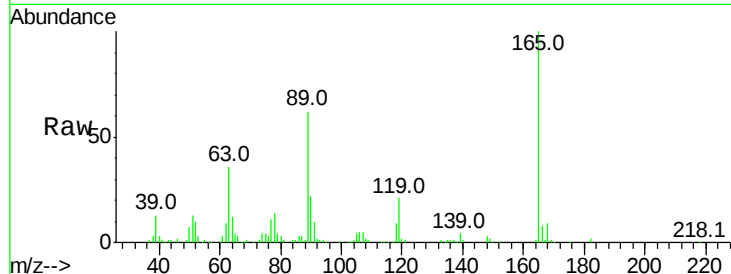


#56
2,4-Dinitrotoluene
Concen: 24.336 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

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

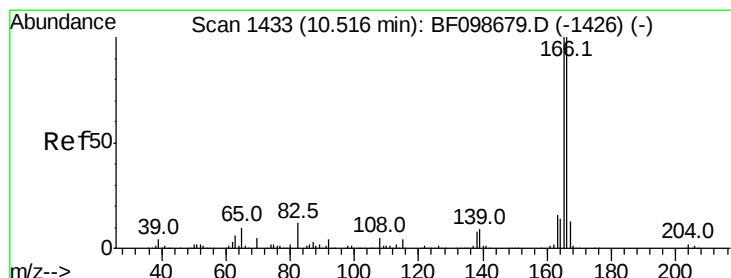
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		126495		
63	36.5	36.4	54.6		
89	61.8	57.8	86.6		
182	2.5	1.6	2.4		

Manual Integrations
APPROVED



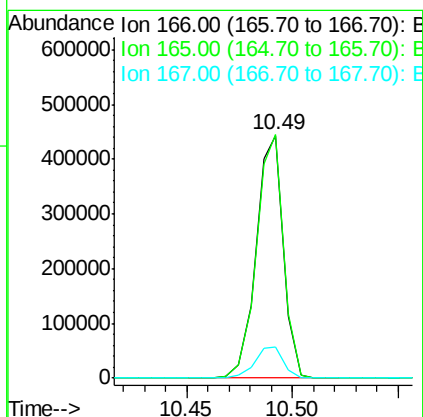
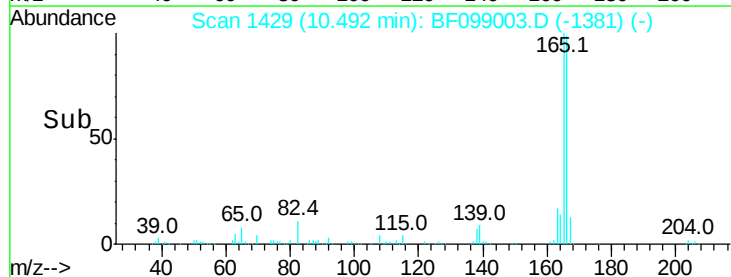
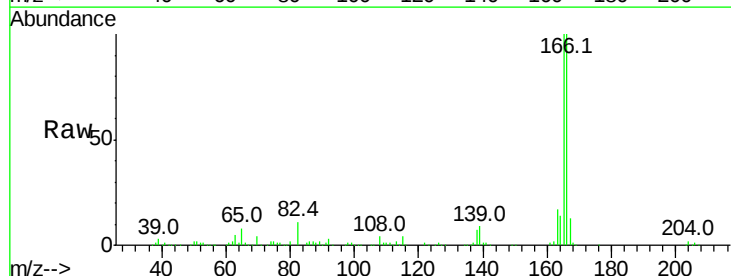
Sohil

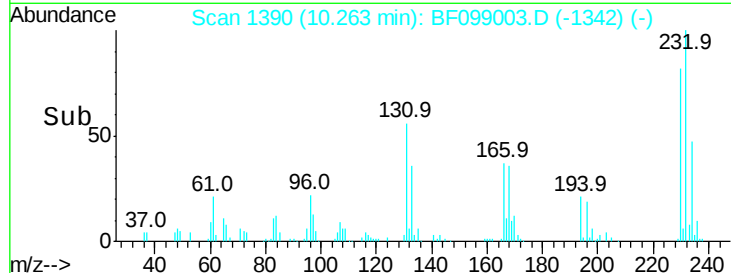
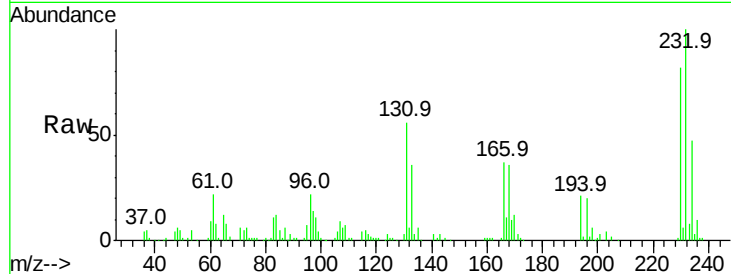
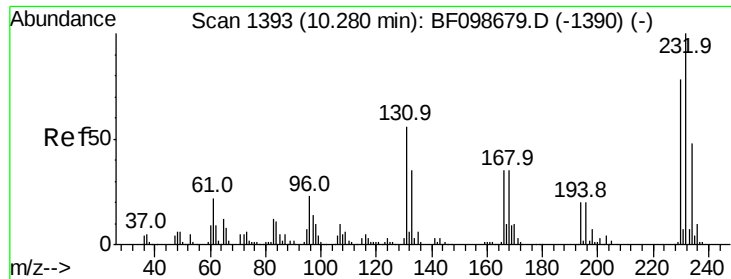
10/3/2017 6:50:39 PM



#57
Fluorene
Concen: 24.349 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		397445		
165	100.2	79.8	119.8		
167	12.9	10.6	16.0		



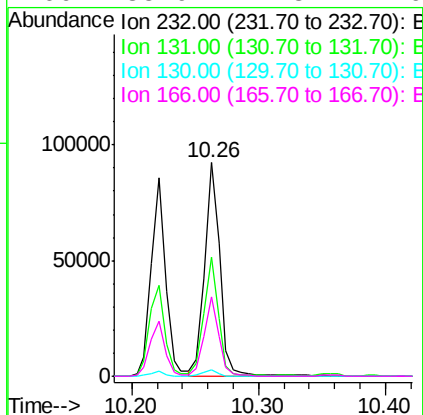


#58
2,3,4,6-Tetrachlorophenol
Concen: 21.835 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

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

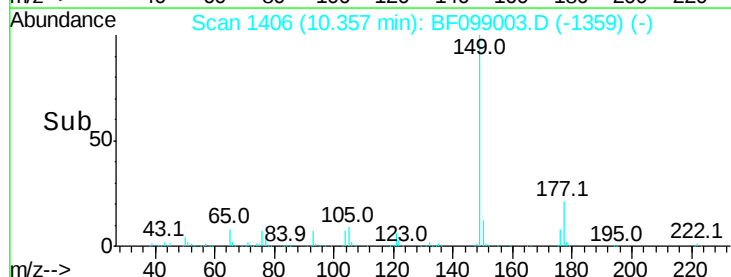
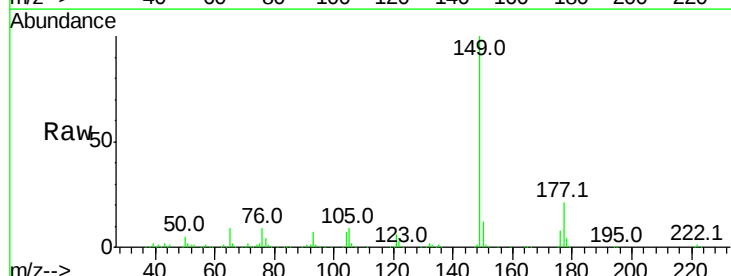
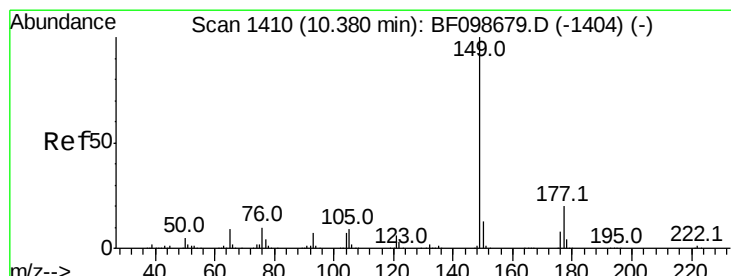
Tot Ion:	232	Resp:	77542
Ion Ratio	Lower	Upper	
232	100		
131	53.5	43.8	65.8
130	2.6	2.1	3.1
166	35.9	27.8	41.6

Manual Integrations
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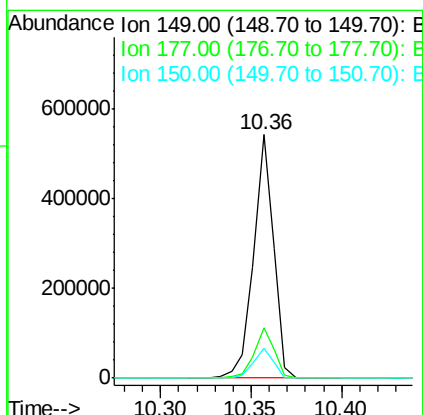
Sohil

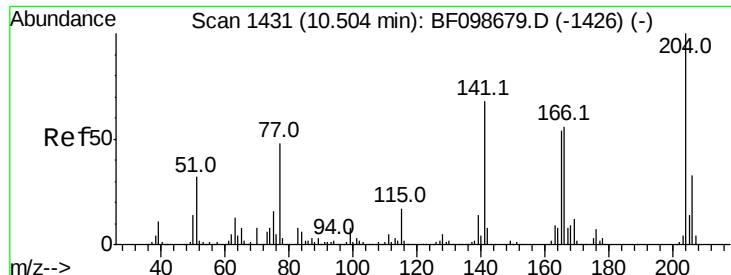
10/3/2017 6:50:39 PM



#59
Diethylphthalate
Concen: 23.083 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion:	149	Resp:	414948
Ion Ratio	Lower	Upper	
149	100		
177	20.6	16.1	24.1
150	12.2	10.1	15.1



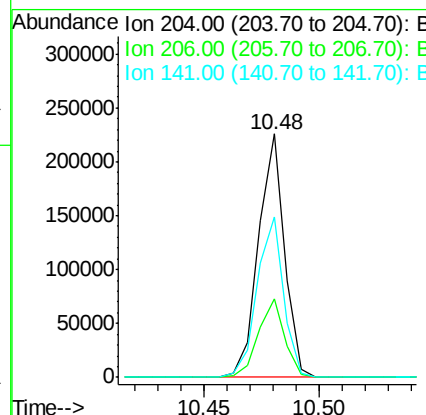
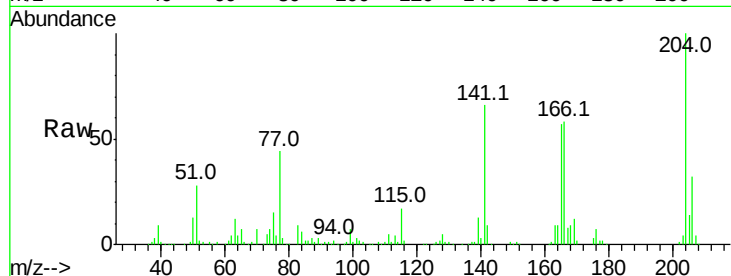


#60
4-Chlorophenyl-phenylether
Concen: 24.286 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

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

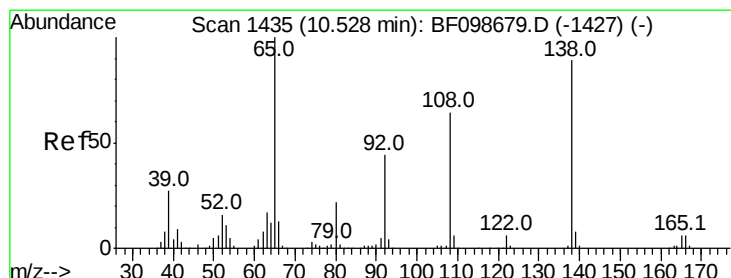
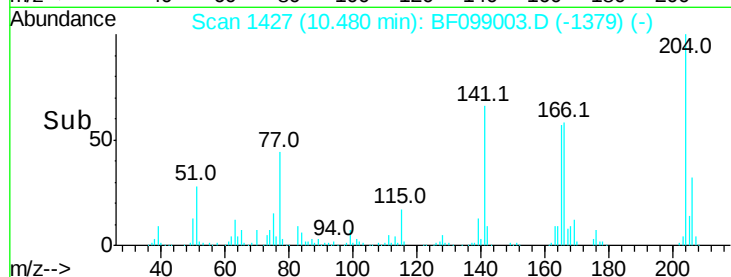
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.5	39.7
141	65.8	54.6	81.8

Manual Integrations
APPROVED



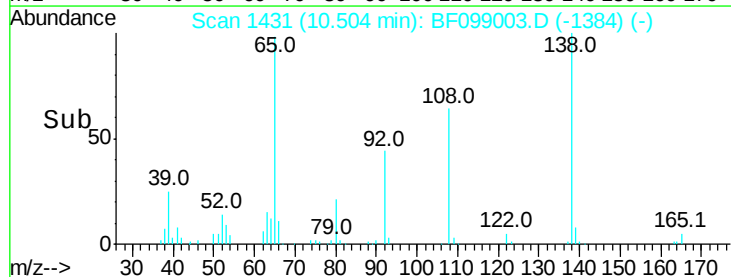
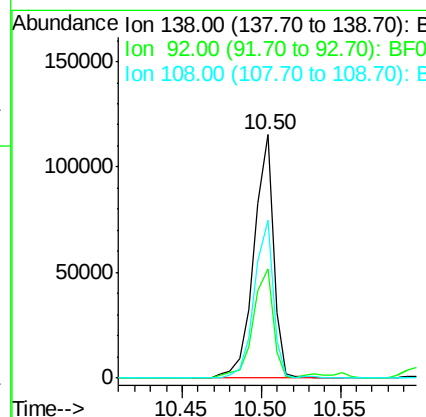
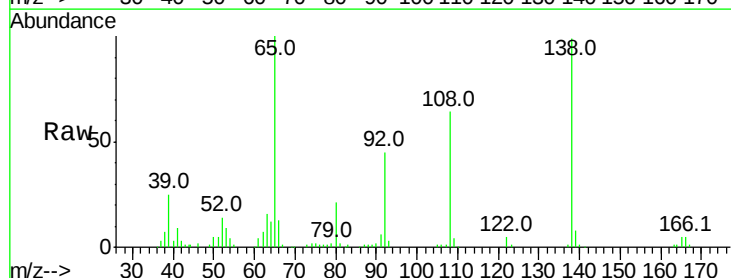
Sohil

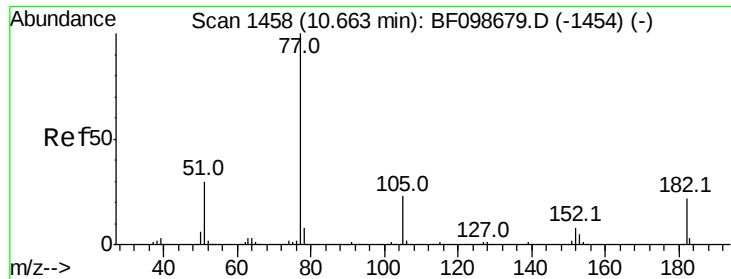
10/3/2017 6:50:39 PM



#61
4-Nitroaniline
Concen: 21.960 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.0	30.2	70.2
108	64.9	52.5	92.5



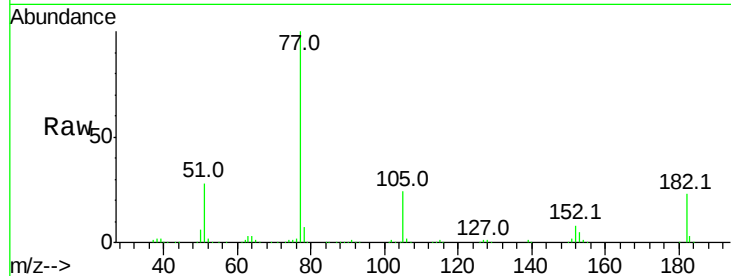


#62
Azobenzene
Concen: 24.992 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

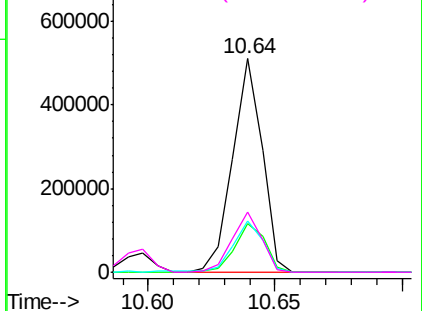
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.9	1.7	41.7
105	23.9	3.0	43.0
51	28.2	9.9	49.9

Manual Integrations
APPROVED

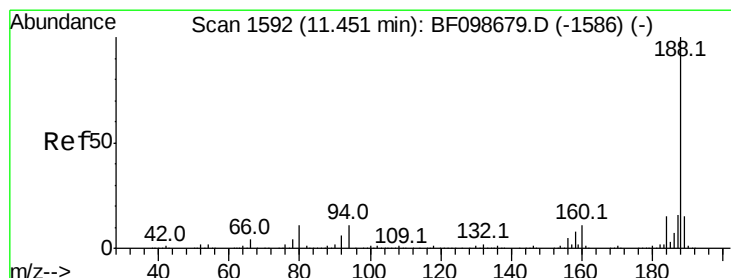
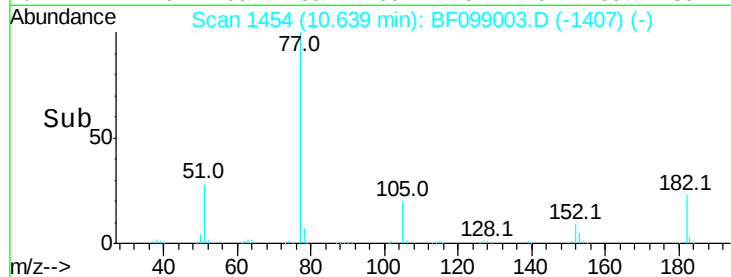


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0



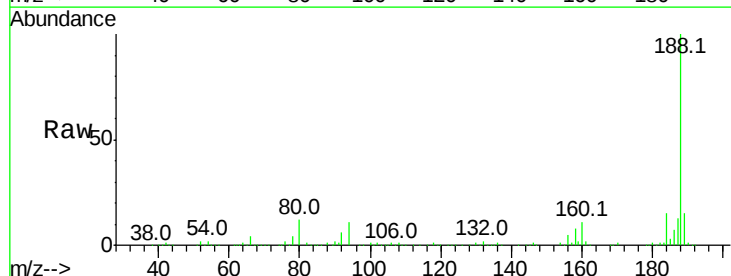
Sohil

10/3/2017 6:50:39 PM

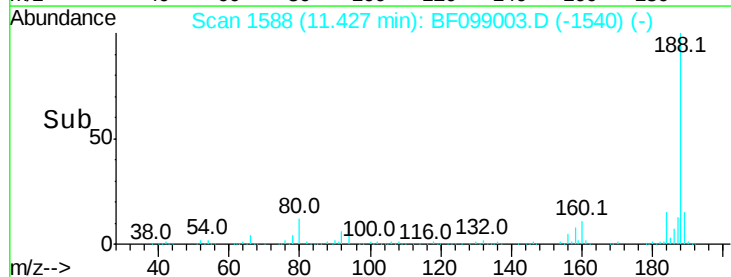
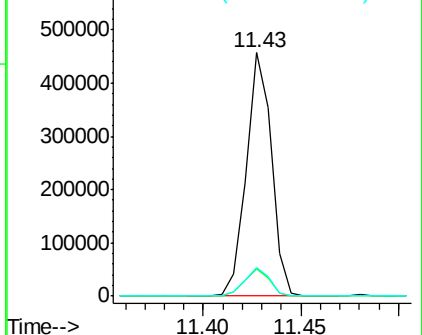


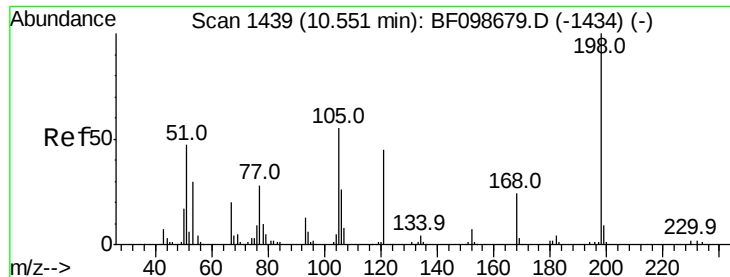
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	12.0	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



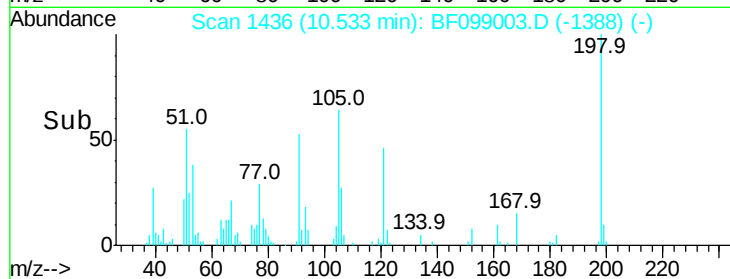
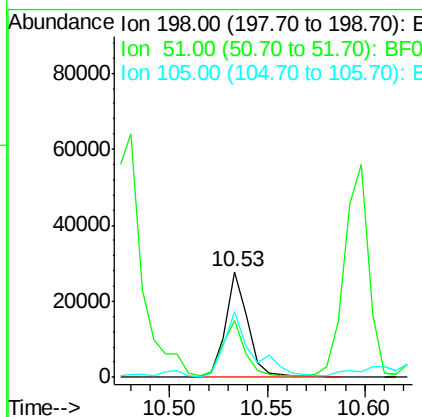
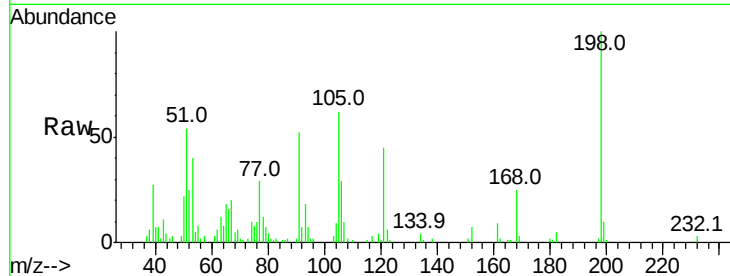


#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.904 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF099003.D
 Acq: 2 Oct 2017 16:54

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

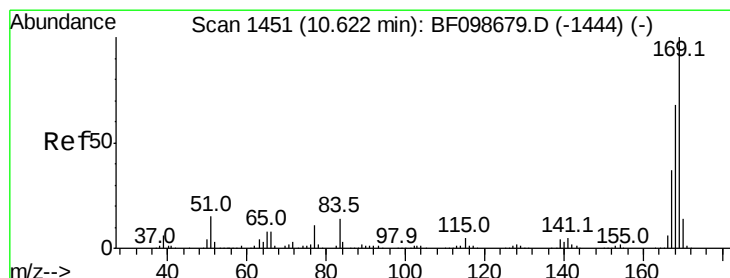
Tot Ion	Ratio	Lower	Upper
198	100		
51	54.0	37.7	77.7
105	62.3	36.3	76.3

Manual Integrations
 APPROVED



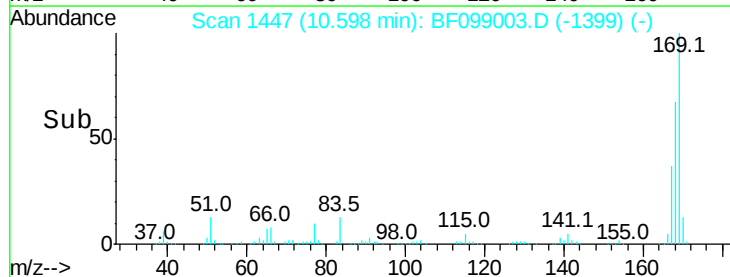
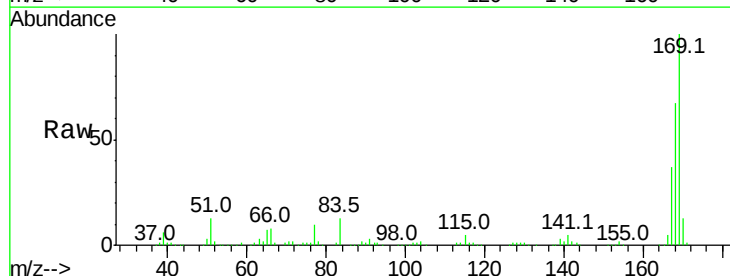
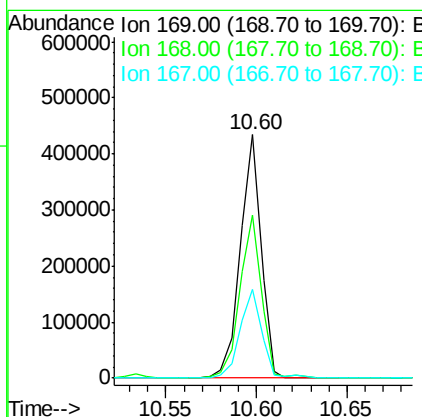
Sohil

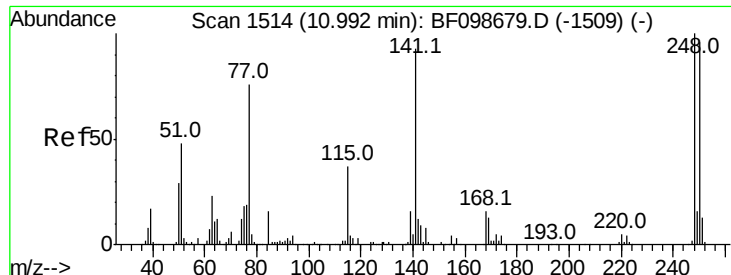
10/3/2017 6:50:39 PM



#65
 n-Nitrosodiphenylamine
 Concen: 24.521 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BF099003.D
 Acq: 2 Oct 2017 16:54

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	54.4	81.6
167	36.5	29.8	44.6



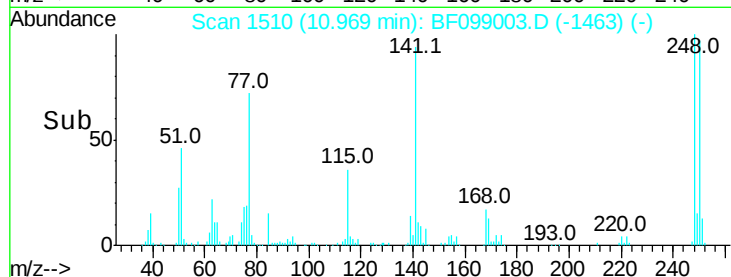
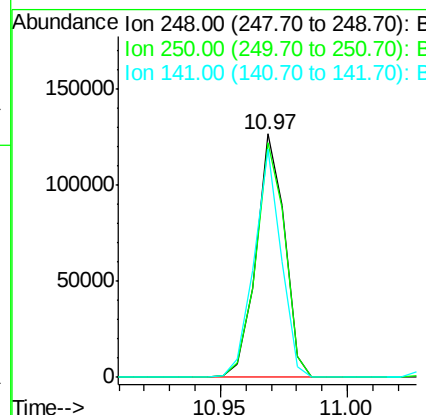
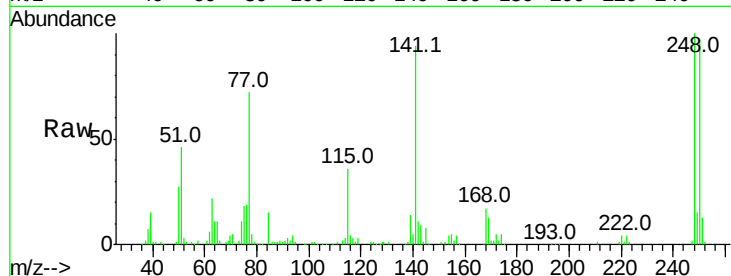


#66
4-Bromophenyl-phenylether
Concen: 24.737 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

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

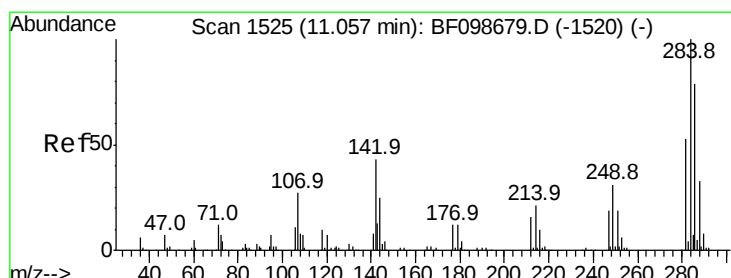
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	76.9	115.3
141	93.6	74.4	111.6

Manual Integrations
APPROVED



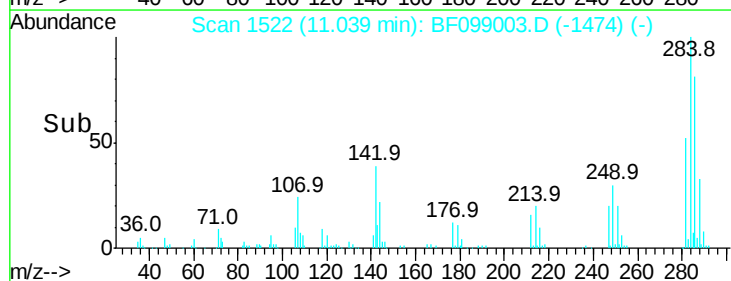
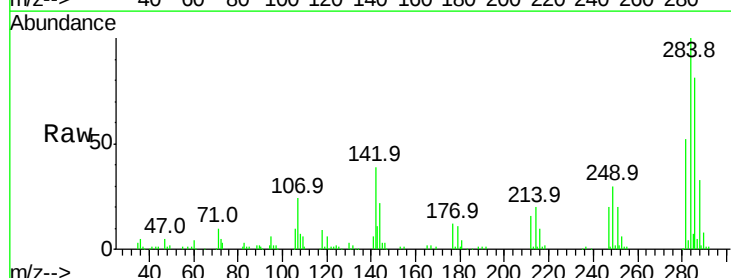
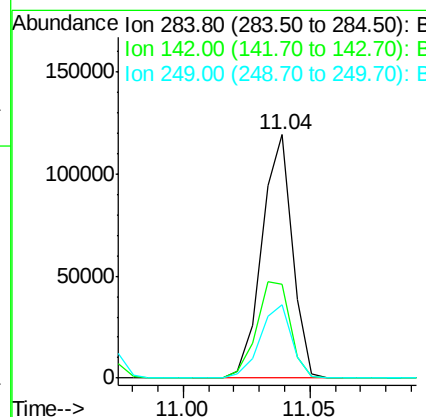
Sohil

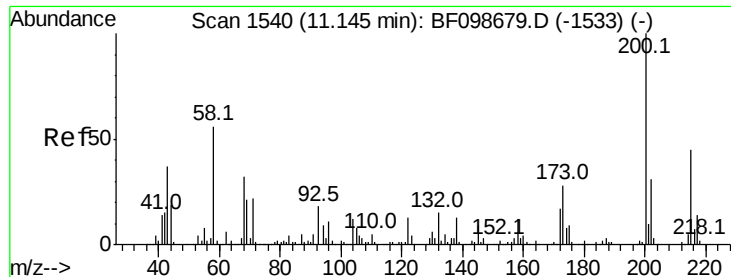
10/3/2017 6:50:39 PM



#67
Hexachlorobenzene
Concen: 23.421 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.7	34.6	52.0
249	30.2	24.8	37.2



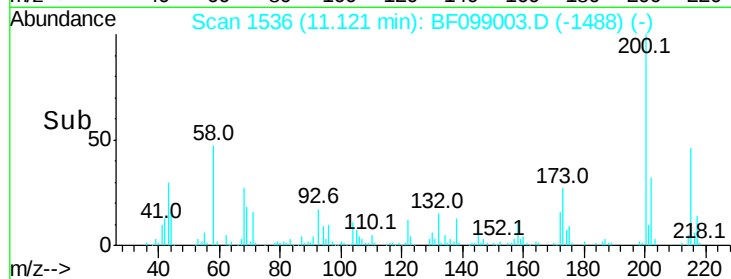
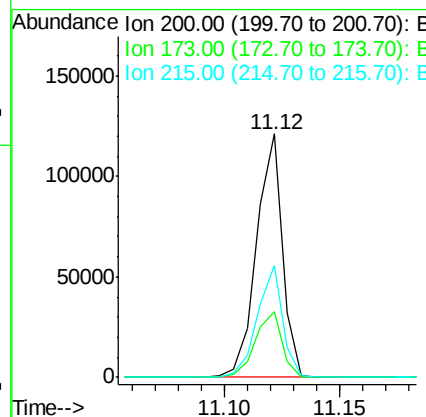
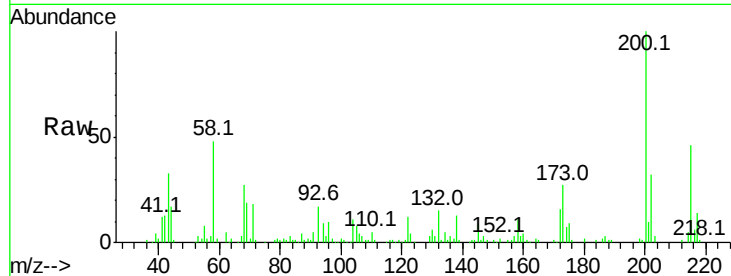


#68
Atrazine
Concen: 22.287 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

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

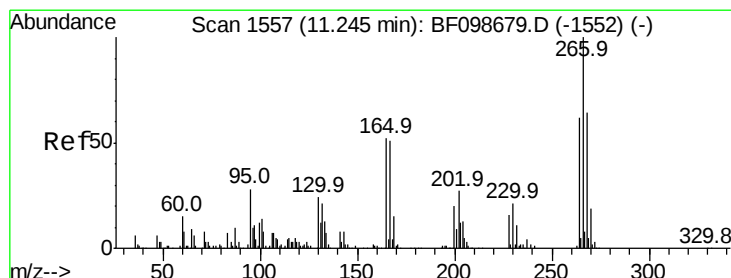
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	8.6	48.6
215	46.0	25.1	65.1

Manual Integrations
APPROVED



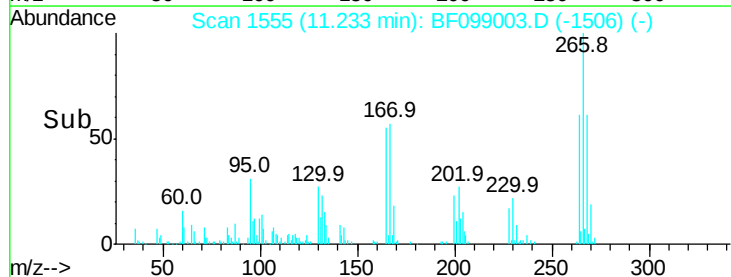
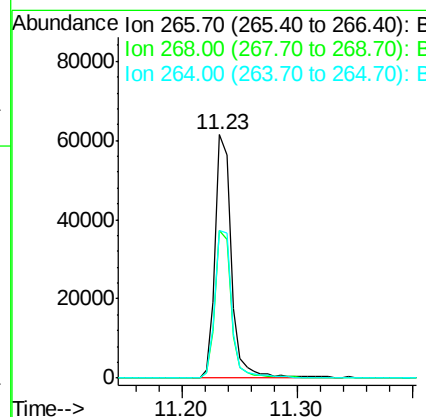
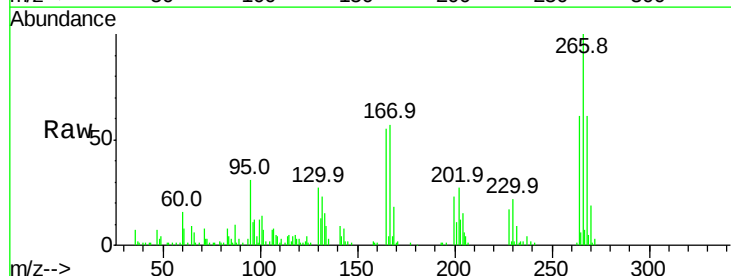
Sohil

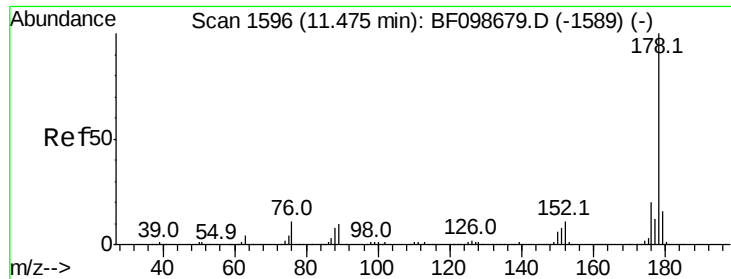
10/3/2017 6:50:39 PM



#69
Pentachlorophenol
Concen: 22.840 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.7	51.1	76.7
264	60.8	49.5	74.3



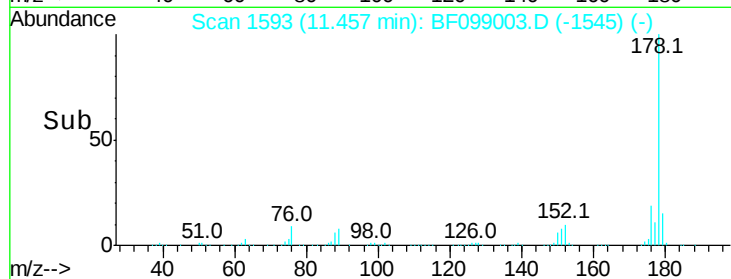
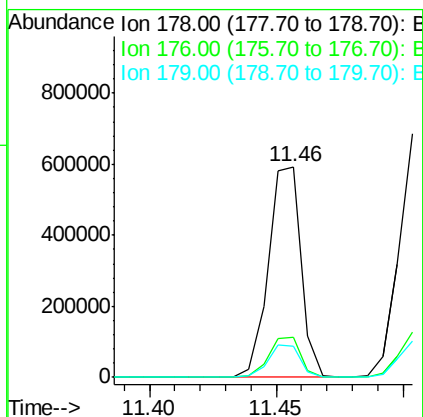
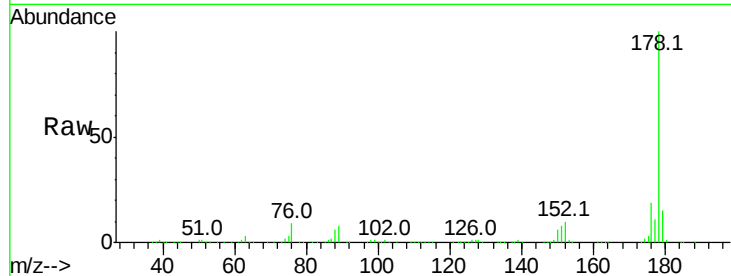


#70
Phenanthrene
Concen: 24.550 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

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

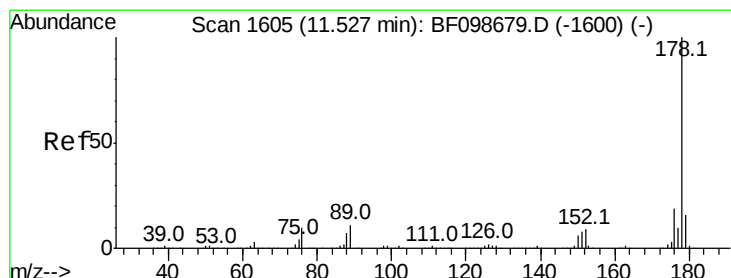
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.1	13.0	19.6

Manual Integrations
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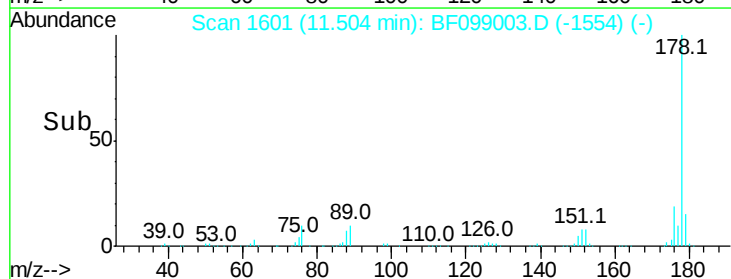
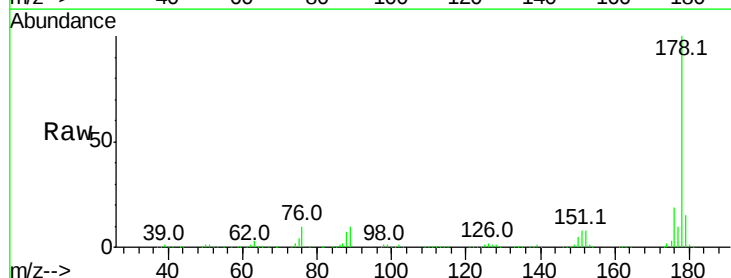
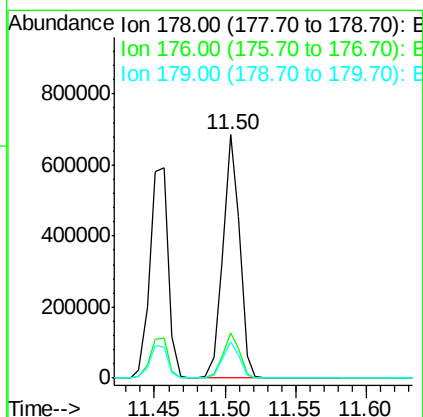
Sohil

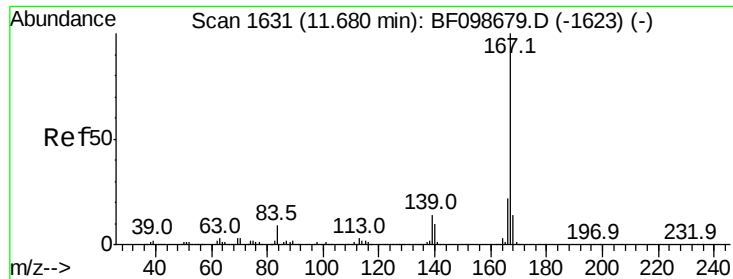
10/3/2017 6:50:39 PM



#71
Anthracene
Concen: 25.167 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.0	12.6	19.0



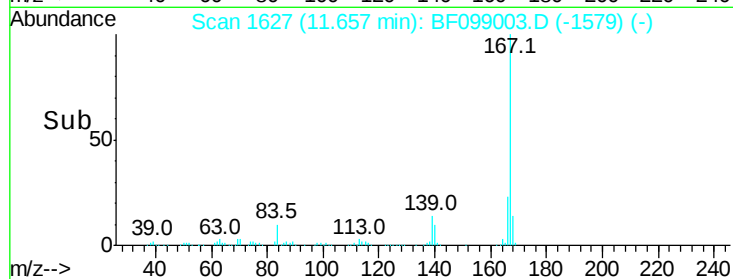
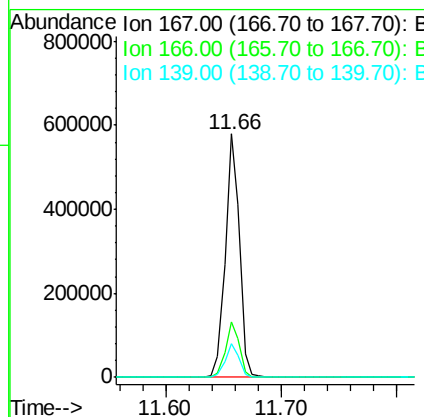
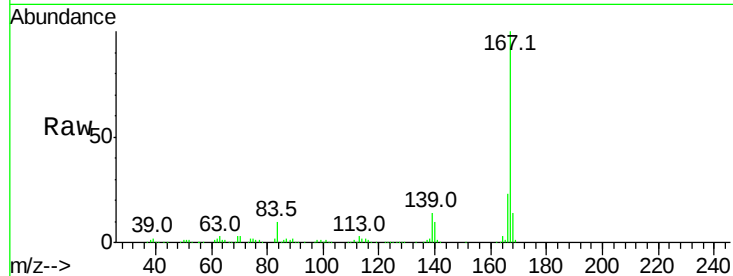


#72
 Carbazole
 Concen: 22.280 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF099003.D
 Acq: 2 Oct 2017 16:54

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

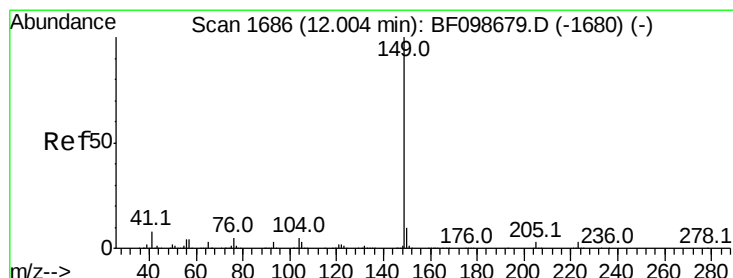
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.6	26.4
139	13.9	10.9	16.3

Manual Integrations
 APPROVED



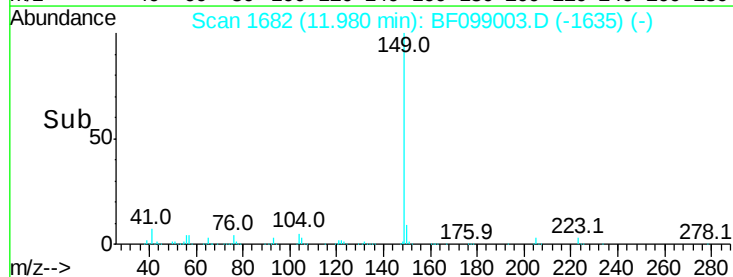
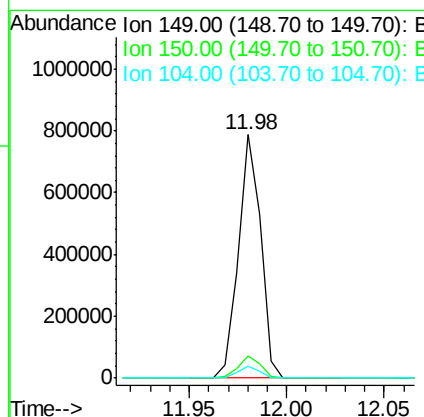
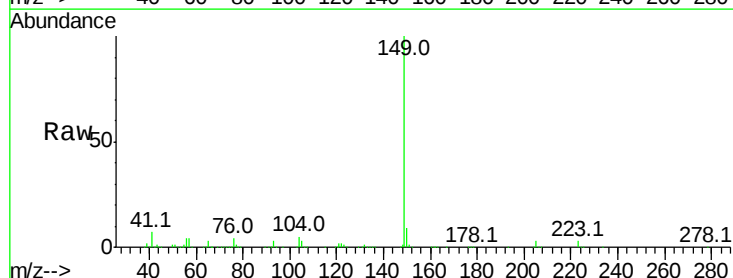
Sohil

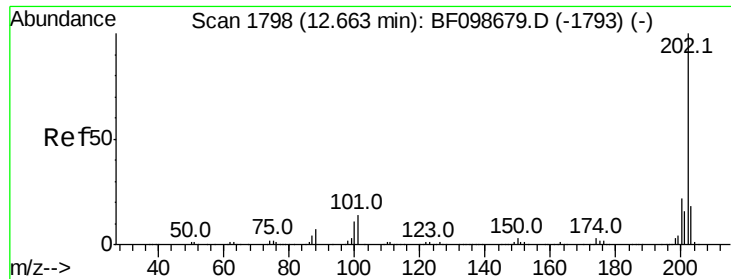
10/3/2017 6:50:39 PM



#73
 Di-n-butylphthalate
 Concen: 23.456 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.02 min
 Lab File: BF099003.D
 Acq: 2 Oct 2017 16:54

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



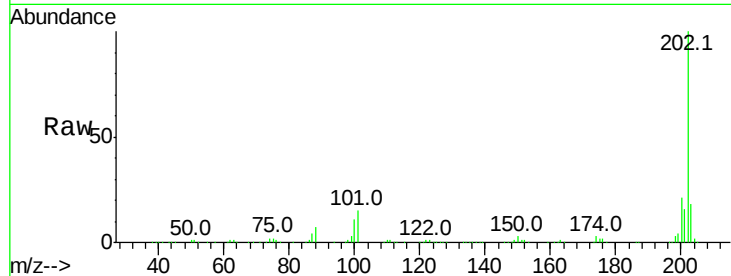


#74
Fluoranthene
 Concen: 22.559 ng
 RT: 12.64 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BF099003.D
 Acq: 2 Oct 2017 16:54

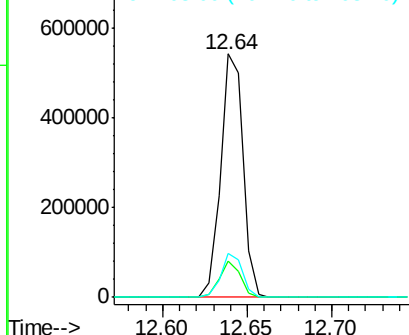
Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-114-1(10-16)MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.8	0.0	34.1
203	18.1	0.0	38.1

Manual Integrations
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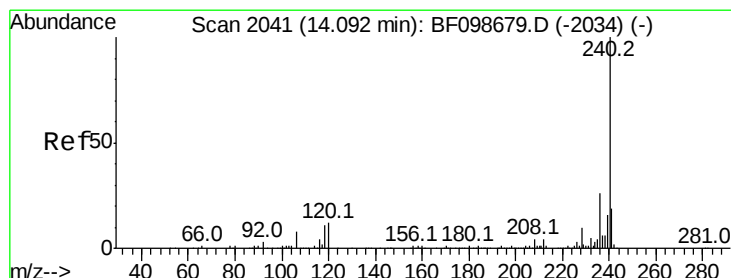
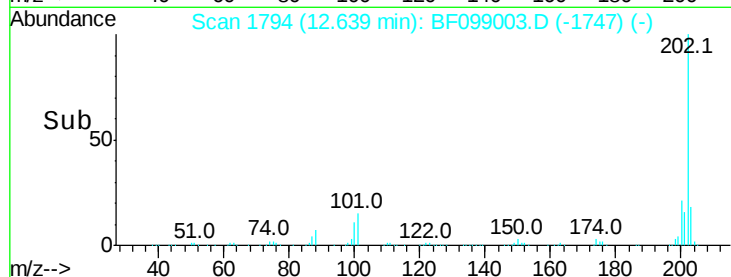


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



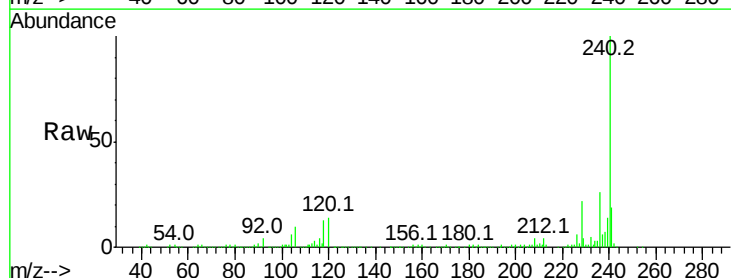
Sohil

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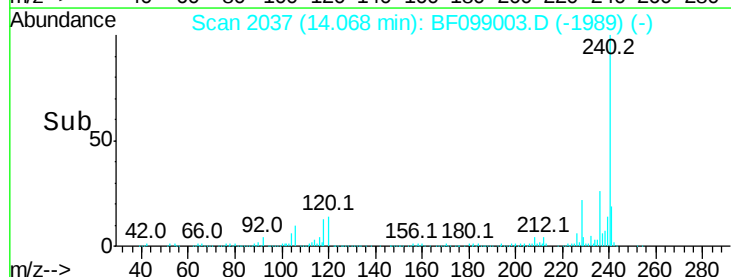
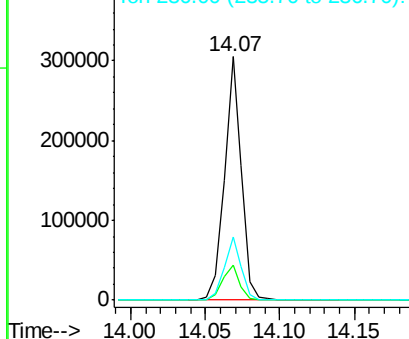


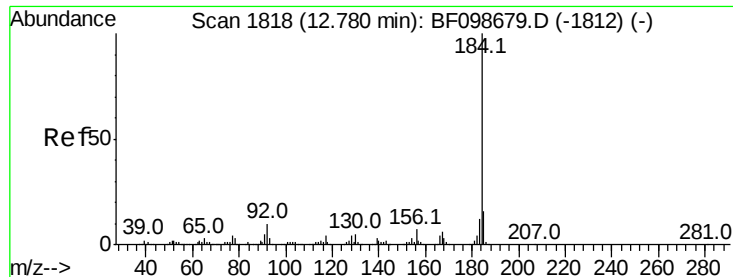
#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.02 min
 Lab File: BF099003.D
 Acq: 2 Oct 2017 16:54

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	14.5	9.5	14.3#
236	26.1	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 13.714 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.02 min

Lab File: BF099003.D

Acq: 2 Oct 2017 16:54

Instrument :

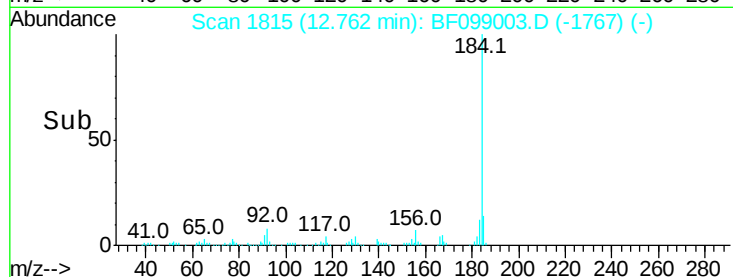
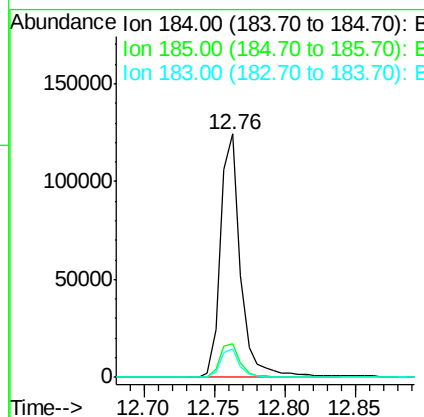
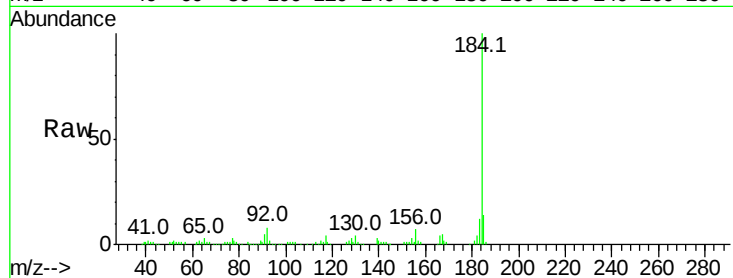
BNA_F

ClientSampleId :

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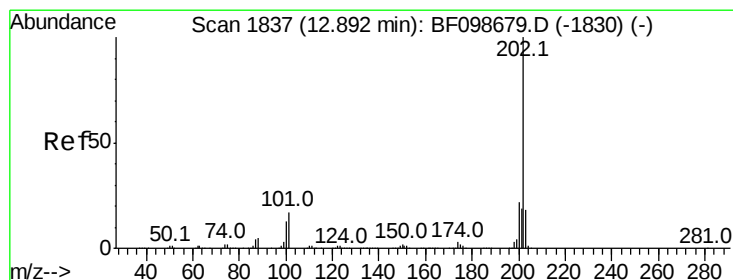
Tot Ion:	184	Resp:	123280
Ion Ratio	Lower	Upper	
184	100		
185	13.7	12.6	18.8
183	11.9	9.3	13.9

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#77

Pyrene

Concen: 27.344 ng

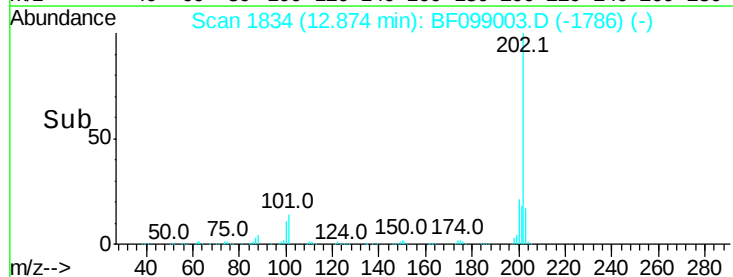
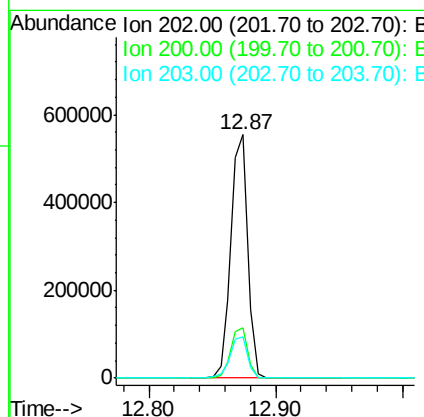
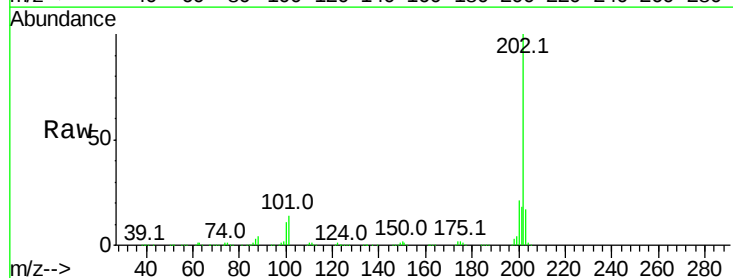
RT: 12.87 min Scan# 1834

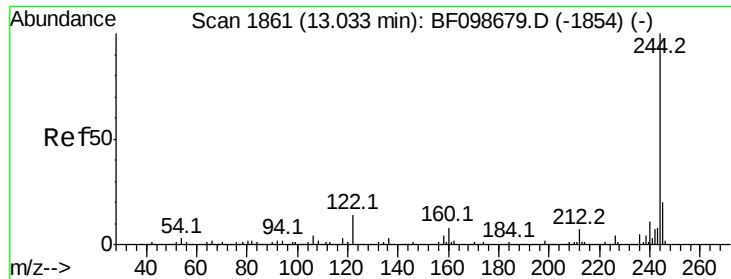
Delta R.T. -0.02 min

Lab File: BF099003.D

Acq: 2 Oct 2017 16:54

Tgt Ion:	202	Resp:	506782
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.4	26.2
203	17.0	14.3	21.5



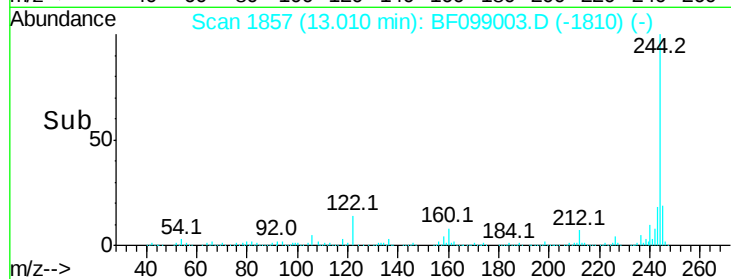
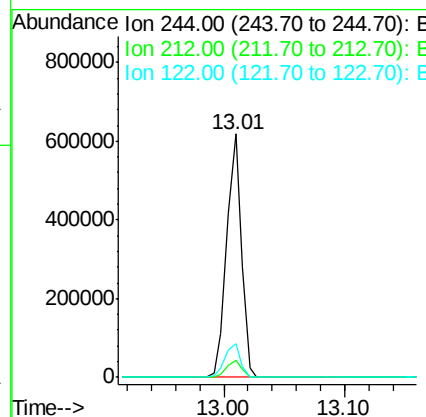
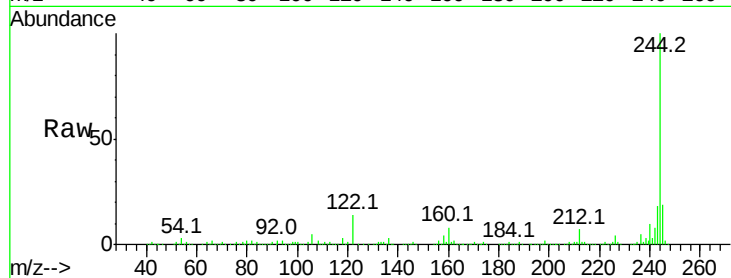


#78
 Terphenyl-d14
 Concen: 48.509 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. -0.02 min
 Lab File: BF099003.D
 Acq: 2 Oct 2017 16:54

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

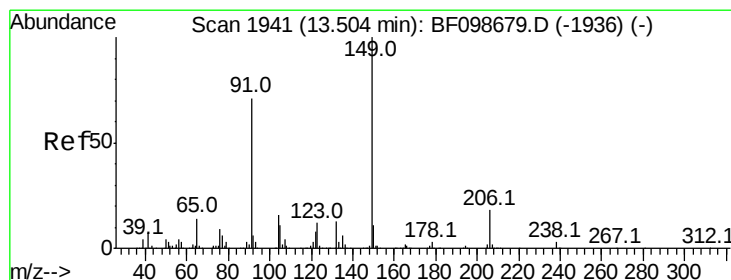
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.9	11.0	16.4

Manual Integrations
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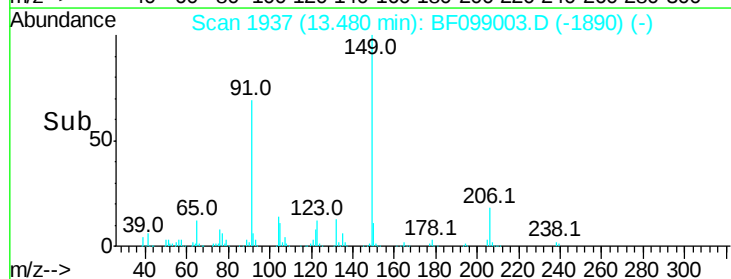
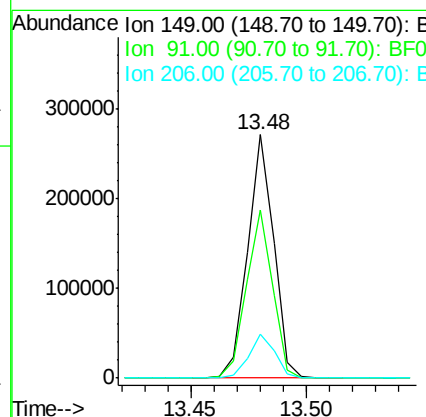
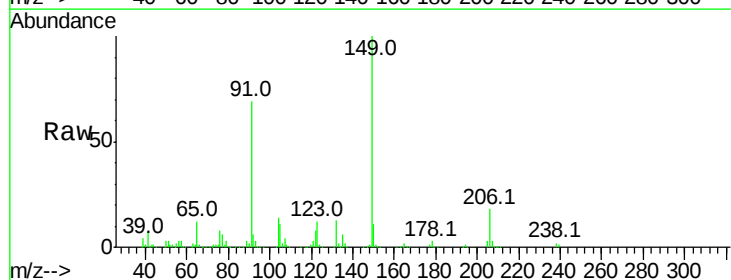
Sohil

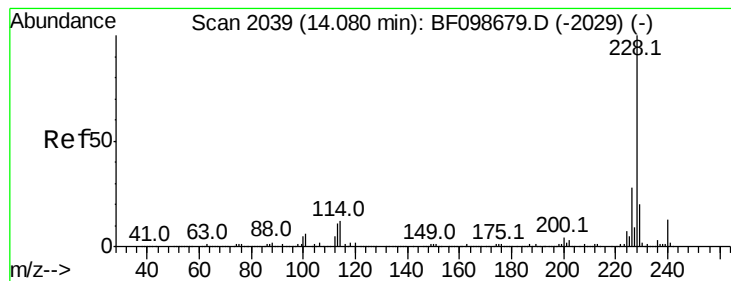
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#79
 Butylbenzylphthalate
 Concen: 24.547 ng
 RT: 13.48 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BF099003.D
 Acq: 2 Oct 2017 16:54

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.0	56.8	85.2
206	18.2	14.1	21.1





#80

Benzo(a)anthracene

Concen: 24.083 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.02 min

Lab File: BF099003.D

Acq: 2 Oct 2017 16:54

Instrument :

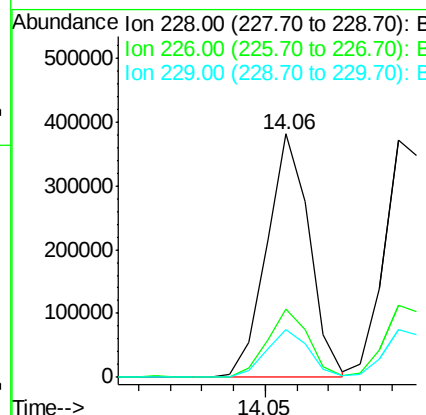
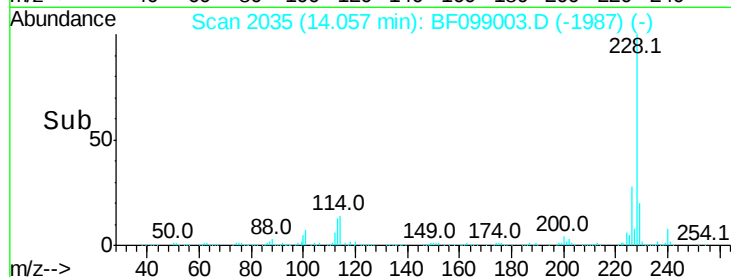
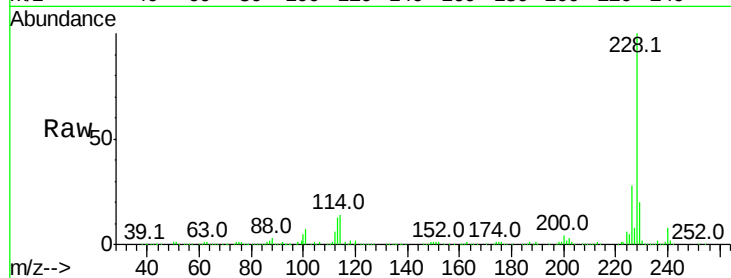
BNA_F

ClientSampleId :

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

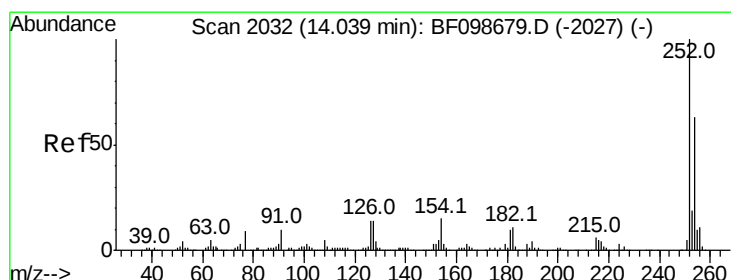
Tot Ion:	228	Resp:	354434
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.6	33.8
229	19.7	15.8	23.6

Manual Integrations
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#81

3,3'-Dichlorobenzidine

Concen: 17.951 ng

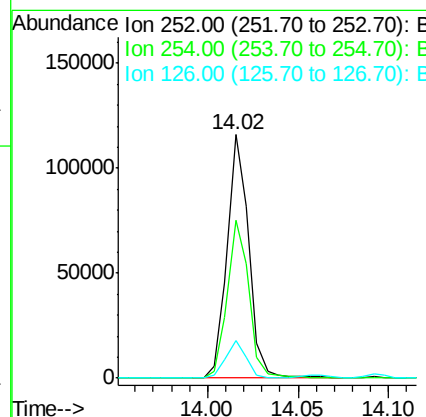
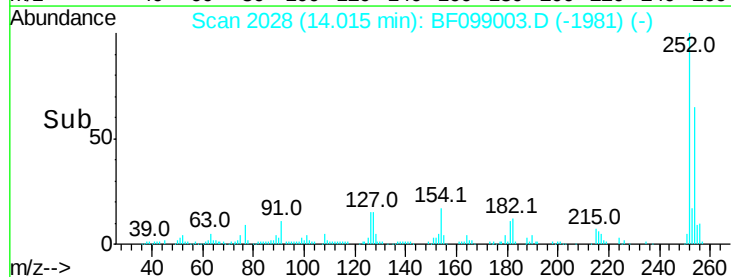
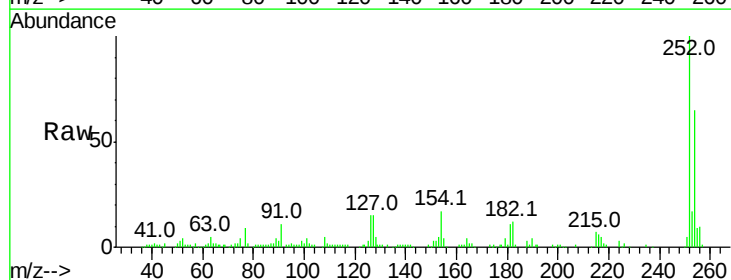
RT: 14.02 min Scan# 2028

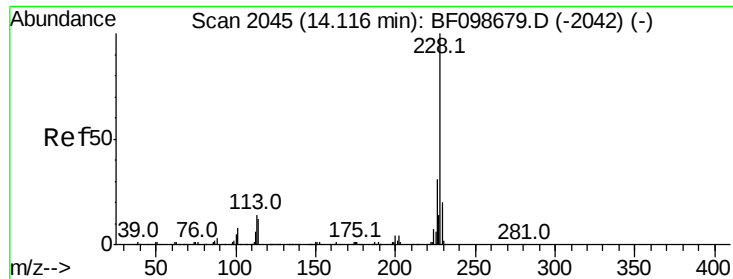
Delta R.T. -0.02 min

Lab File: BF099003.D

Acq: 2 Oct 2017 16:54

Tgt Ion:	252	Resp:	96849
Ion Ratio	Lower	Upper	
252	100		
254	64.8	50.4	75.6
126	15.2	11.3	16.9





#82

Chrysene

Concen: 24.286 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.02 min

Lab File: BF099003.D

Acq: 2 Oct 2017 16:54

Instrument :

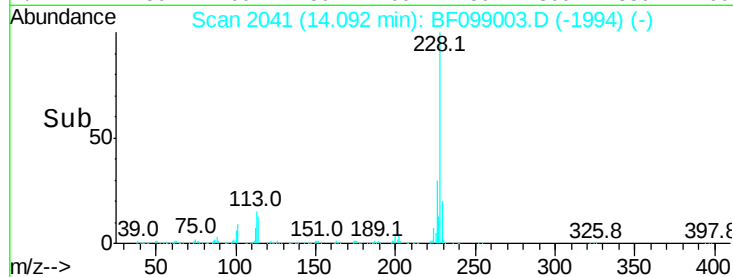
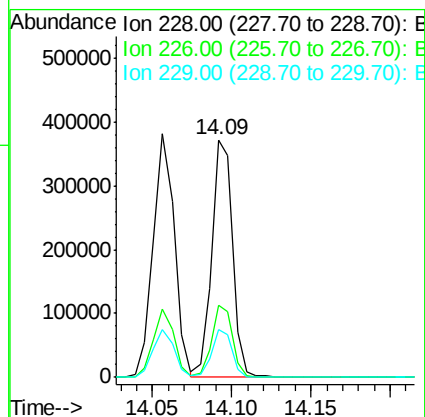
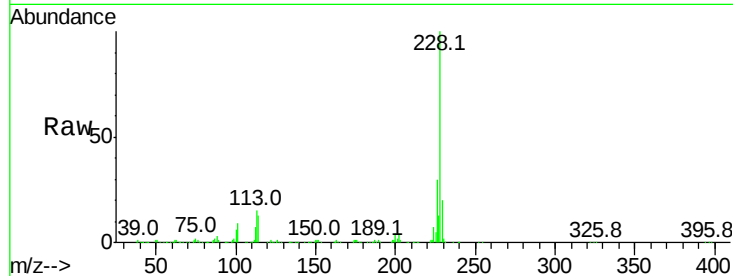
BNA_F

ClientSampleId :

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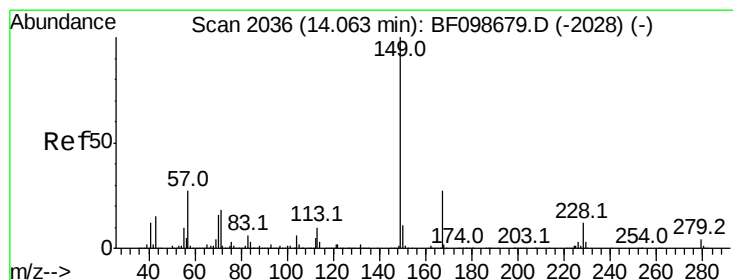
Tot Ion:	228	Resp:	340284
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.0	37.6
229	20.2	16.2	24.4

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#83

Bis(2-ethylhexyl)phthalate

Concen: 23.988 ng

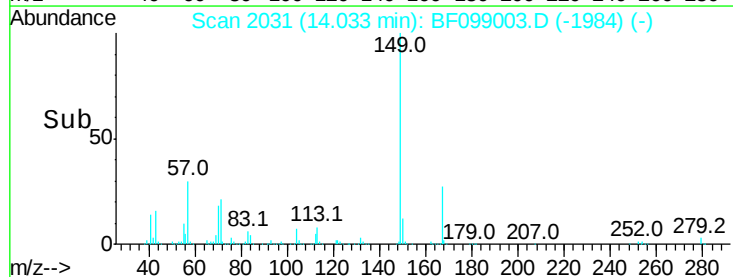
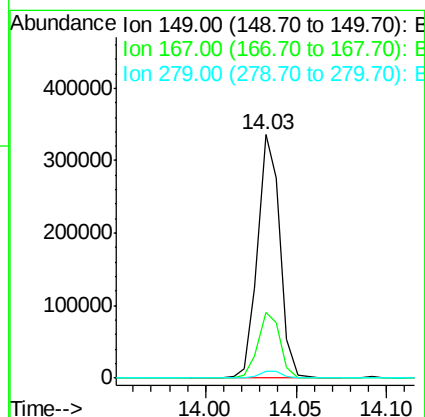
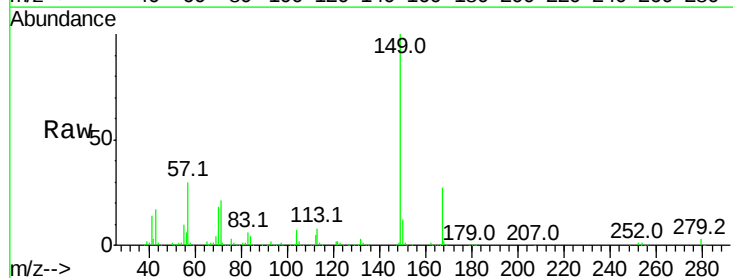
RT: 14.03 min Scan# 2031

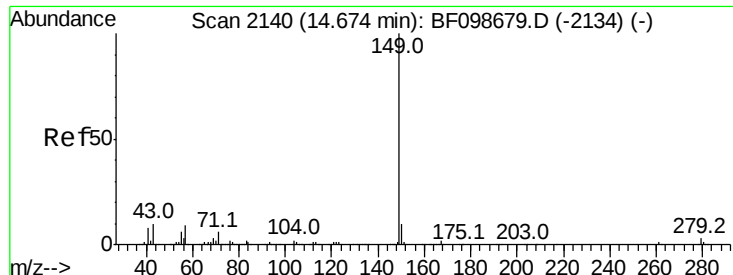
Delta R.T. -0.02 min

Lab File: BF099003.D

Acq: 2 Oct 2017 16:54

Tgt Ion:	149	Resp:	287696
Ion Ratio	Lower	Upper	
149	100		
167	26.8	21.3	31.9
279	2.6	3.0	4.4#



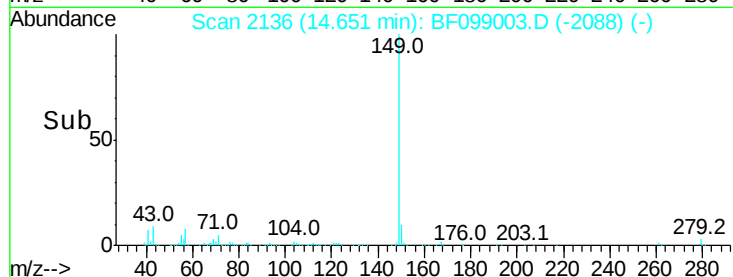
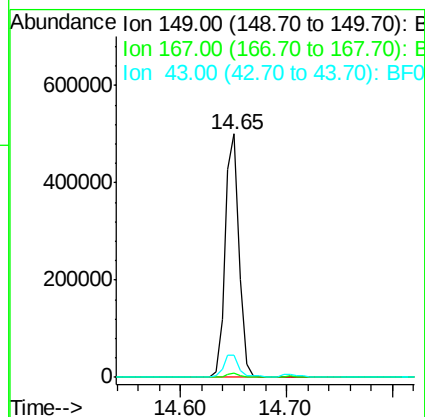
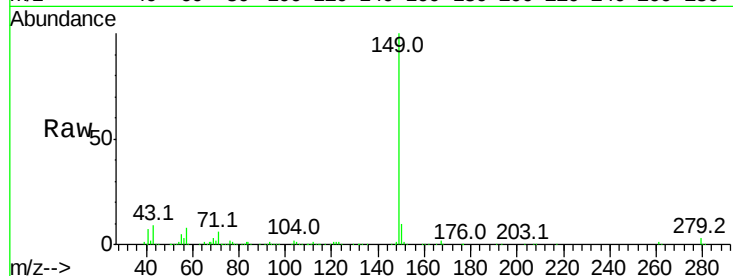


#84
Di-n-octyl phthalate
Concen: 23.818 ng
RT: 14.65 min Scan# 2136
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

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

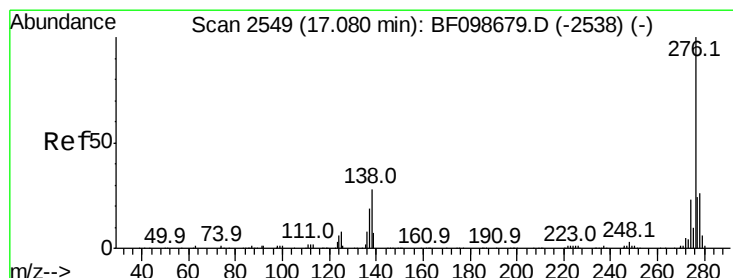
Tot Ion	Ratio	Resp	Lower	Upper
149	100	459975		
167	1.5		1.2	1.8
43	9.8		8.4	12.6

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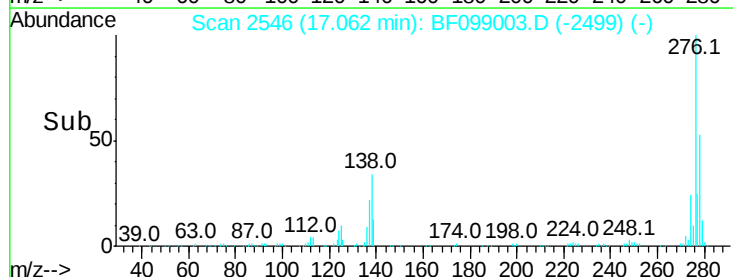
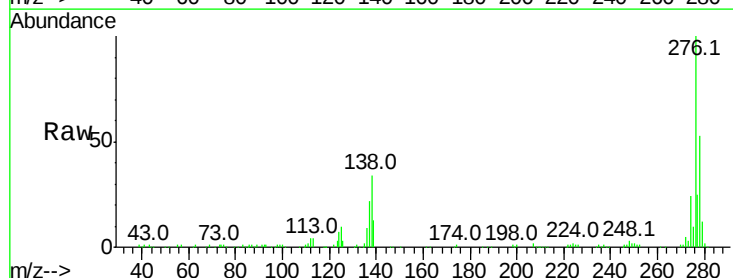
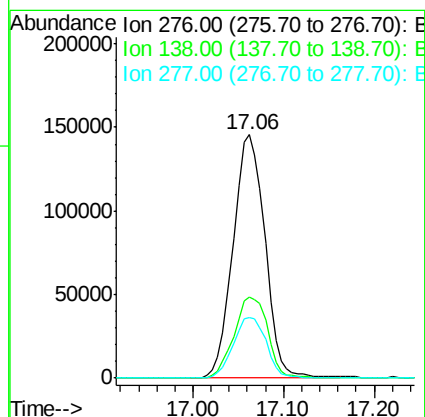
Sohil

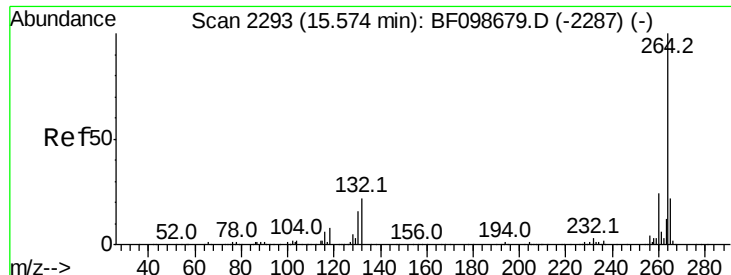
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#85
Indeno(1,2,3-cd)pyrene
Concen: 31.864 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	357139		
138	35.4		25.0	37.6
277	25.6		20.1	30.1



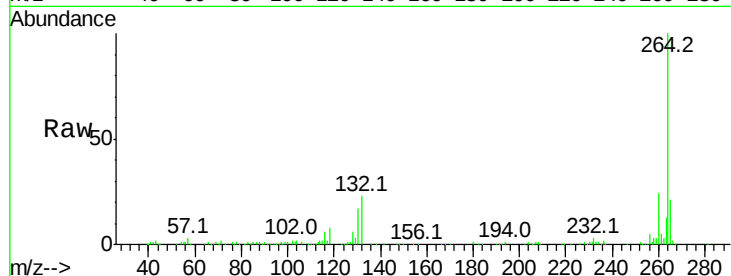


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

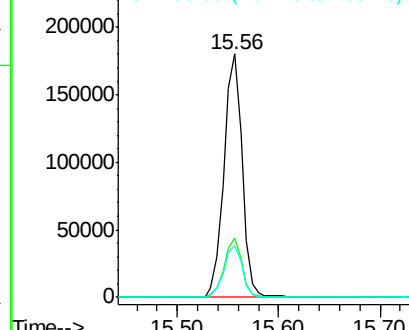
Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-114-1(10-16)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.1	17.5	26.3

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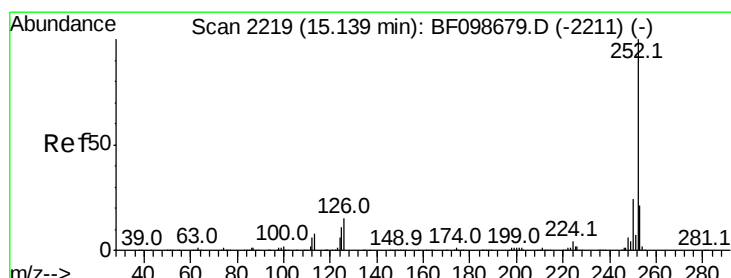
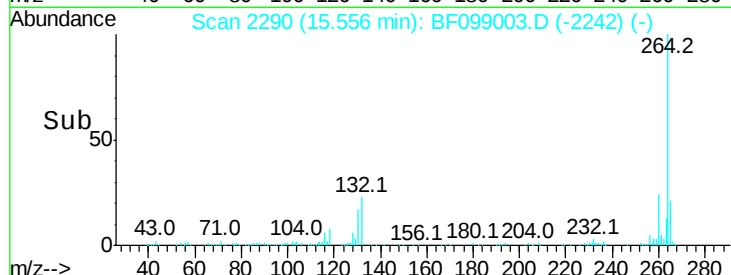


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



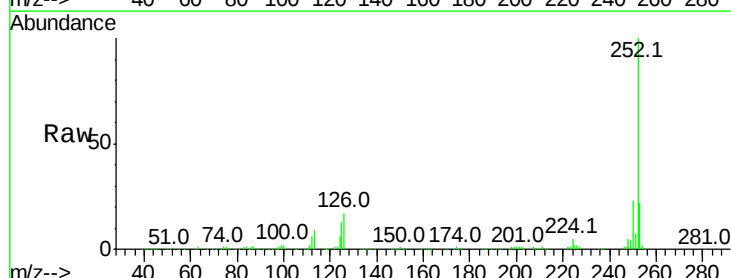
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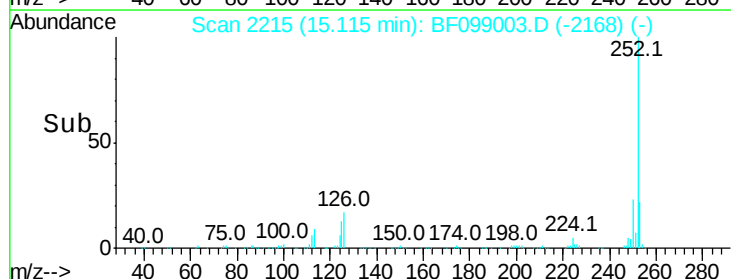
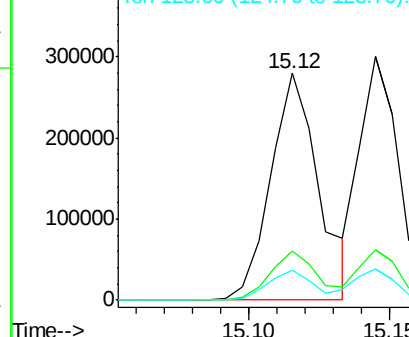


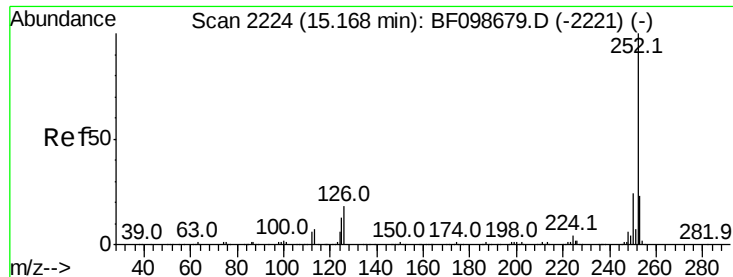
#87
Benzo(b)fluoranthene
Concen: 23.678 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	13.1	9.0	13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



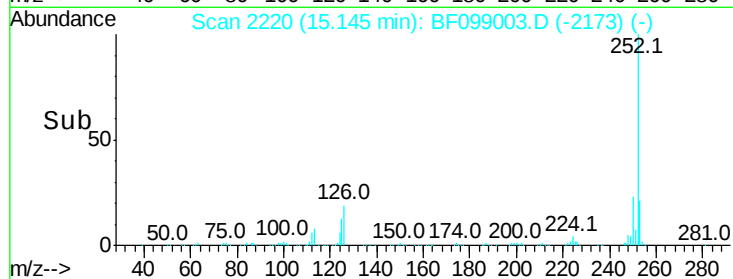
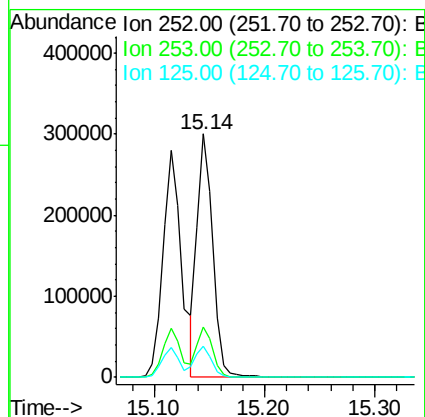
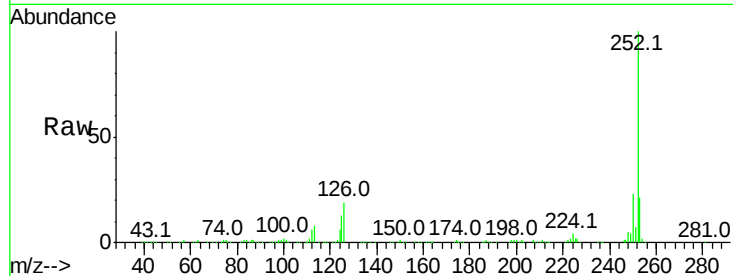


#88
Benzo(k)fluoranthene
Concen: 21.294 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

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

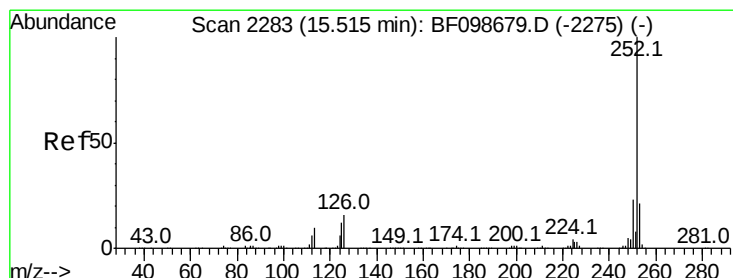
Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	20.6	17.9	26.9
125	12.7	10.2	15.2

Manual Integrations
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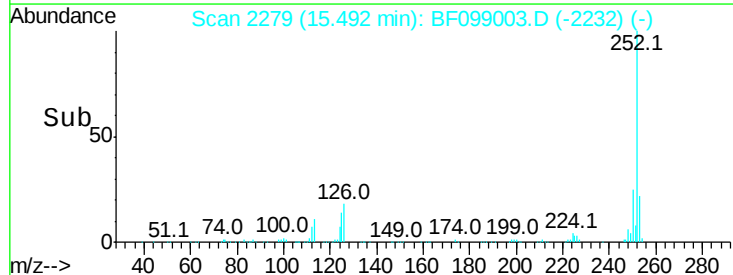
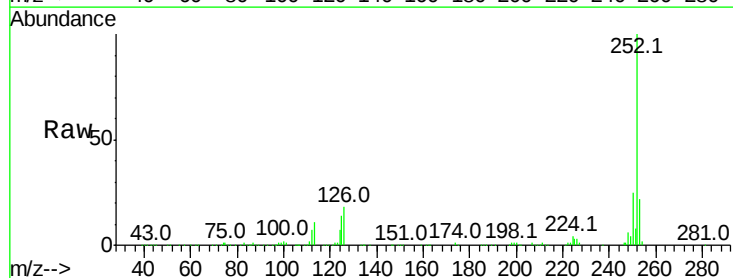
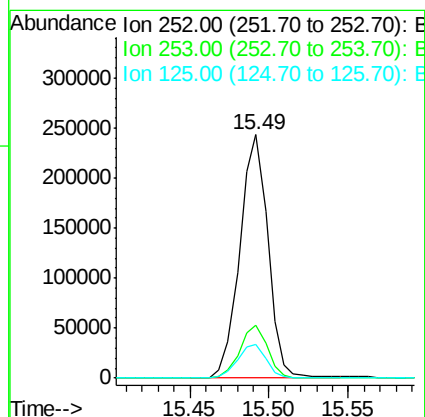
Sohil

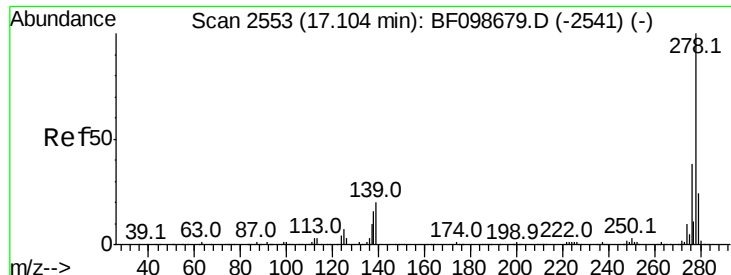
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#89
Benzo(a)pyrene
Concen: 23.598 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.8	17.1	25.7
125	13.6	9.8	14.6



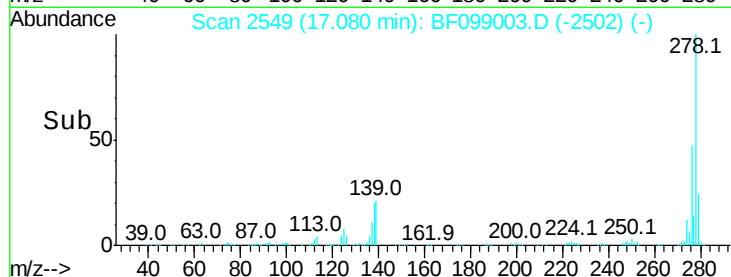
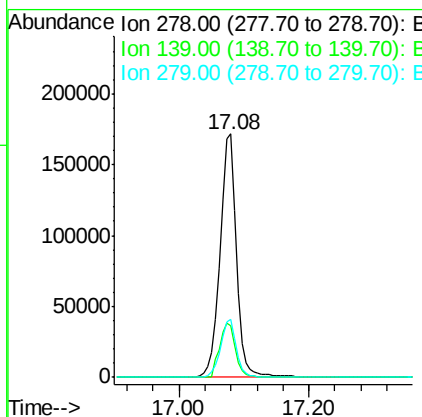
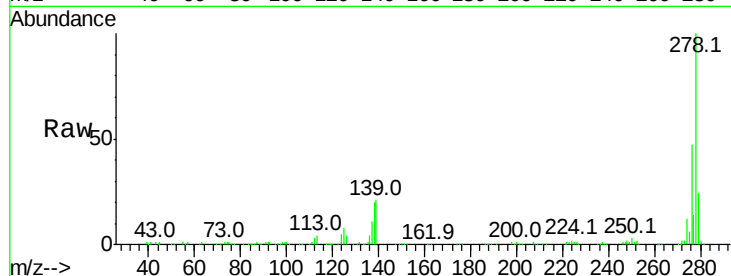


#90
Dibenzo(a,h)anthracene
Concen: 29.658 ng
RT: 17.08 min Scan# 2549
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

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

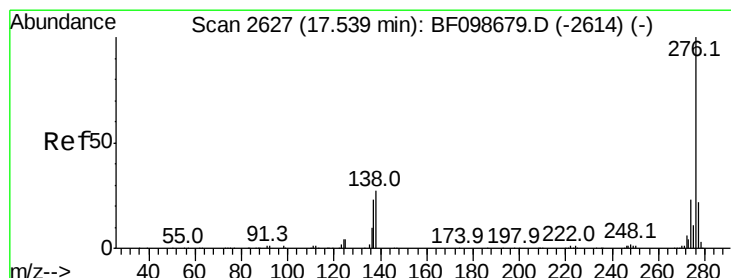
Tot Ion	Ratio	Lower	Upper
278	100		
139	21.0	15.9	23.9
279	23.7	19.0	28.4

Manual Integrations
APPROVED



Sohil

10/3/2017 6:50:39 PM



#91
Benzo(g,h,i)perylene
Concen: 30.567 ng
RT: 17.52 min Scan# 2624
Delta R.T. -0.02 min
Lab File: BF099003.D
Acq: 2 Oct 2017 16:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	29.2	21.8	32.8

