

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
 Data File : BF098909.D
 Acq On : 28 Sep 2017 15:31
 Operator : SJ/JU
 Sample : I5447-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-116-5B(10-12)MS

Manual Integrations
 APPROVED

Sohil
 9/29/2017 6:03:57 PM

Quant Time: Sep 29 11:39:57 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	6.92	152	147619	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	590941	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	233725	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	326433	20.00	ng	0.00
75) Chrysene-d12	14.09	240	258947	20.00	ng	0.00
86) Perylene-d12	15.57	264	208754	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1056485	113.93	ng	0.00
7) Phenol-d6	6.55	99	1285337	112.36	ng	0.00
23) Nitrobenzene-d5	7.48	82	786988	85.41	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	187632	98.11	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1254786	89.63	ng	0.00
78) Terphenyl-d14	13.03	244	791724	69.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	126782	28.621	ng	98
3) Pyridine	3.53	79	353224	29.477	ng	99
4) n-Nitrosodimethylamine	3.47	42	188226	37.042	ng	# 95
6) Aniline	6.58	93	245674m	15.912	ng	
8) 2-Chlorophenol	6.70	128	388956	37.038	ng	99
9) Benzaldehyde	6.47	77	85637	12.905	ng	95
10) Phenol	6.56	94	491681	38.432	ng	100
11) bis(2-Chloroethyl)ether	6.65	93	396942	39.910	ng	99
12) 1,3-Dichlorobenzene	6.86	146	399687	36.342	ng	98
13) 1,4-Dichlorobenzene	6.93	146	404872	36.183	ng	99
14) 1,2-Dichlorobenzene	7.09	146	376077	36.374	ng	98
15) Benzyl Alcohol	7.06	79	335602	39.990	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	581498	37.526	ng	98
17) 2-Methylphenol	7.17	107	323401	37.637	ng	99
18) Hexachloroethane	7.43	117	134115	33.345	ng	93
19) n-Nitroso-di-n-propylamine	7.33	70	257826	35.301	ng	99
20) 3+4-Methylphenols	7.32	107	397924	36.607	ng	91
22) Acetophenone	7.33	105	519823	36.307	ng	# 98
24) Nitrobenzene	7.50	77	406615	38.900	ng	95
25) Isophorone	7.74	82	719865	37.785	ng	99
26) 2-Nitrophenol	7.82	139	196791	39.150	ng	93
27) 2,4-Dimethylphenol	7.85	122	351066	36.983	ng	100
28) bis(2-Chloroethoxy)methane	7.95	93	474142	39.936	ng	99
29) 2,4-Dichlorophenol	8.06	162	304336	37.341	ng	97
30) 1,2,4-Trichlorobenzene	8.14	180	311297	38.189	ng	98
31) Naphthalene	8.22	128	1053537	37.959	ng	100
32) Benzoic acid	7.93	122	54098	6.938	ng	95
33) 4-Chloroaniline	8.28	127	323164	27.883	ng	99
34) Hexachlorobutadiene	8.33	225	153625	36.590	ng	98
35) Caprolactam	8.63	113	96882m	37.057	ng	
36) 4-Chloro-3-methylphenol	8.75	107	313595	34.232	ng	97
37) 2-Methylnaphthalene	8.91	142	705457	39.100	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	267291	38.347	ng	98
40) Hexachlorocyclopentadiene	9.06	237	82564	25.919	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	192741	39.032	ng	100
43) 2,4,5-Trichlorophenol	9.23	196	188331	38.206	ng	95
45) 1,1'-Biphenyl	9.37	154	786217	39.140	ng	100
46) 2-Chloronaphthalene	9.40	162	607968	40.311	ng	98
47) 2-Nitroaniline	9.50	65	196986	42.655	ng	99
48) Acenaphthylene	9.82	152	865988	37.508	ng	99
49) Dimethylphthalate	9.67	163	921265	52.225	ng	100
50) 2,6-Dinitrotoluene	9.74	165	149836	39.016	ng	93
51) Acenaphthene	9.99	154	518272	35.437	ng	100
52) 3-Nitroaniline	9.90	138	145272	32.442	ng	99
53) 2,4-Dinitrophenol	10.01	184	12172	11.472	ng	95
54) Dibenzofuran	10.16	168	770157	39.551	ng	99
55) 4-Nitrophenol	10.06	139	218608	57.735	ng	94
56) 2,4-Dinitrotoluene	10.14	165	178497	35.813	ng	98
57) Fluorene	10.50	166	561692	35.888	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	128810	37.828	ng	99
59) Diethylphthalate	10.37	149	672956	39.041	ng	99
60) 4-Chlorophenyl-phenylether	10.49	204	261741	37.229	ng	99
61) 4-Nitroaniline	10.52	138	136316	31.554	ng	99
62) Azobenzene	10.66	77	605334	38.194	ng	95
64) 4,6-Dinitro-2-methylphenol	10.55	198	13257	6.675	ng	93
65) n-Nitrosodiphenylamine	10.61	169	507442	44.872	ng	100
66) 4-Bromophenyl-phenylether	10.99	248	140740	44.047	ng	91
67) Hexachlorobenzene	11.05	284	130368	38.201	ng	97
68) Atrazine	11.13	200	141053	41.457	ng	99
69) Pentachlorophenol	11.25	266	133452	62.834	ng	98
70) Phenanthrene	11.47	178	700355	40.082	ng	99
71) Anthracene	11.52	178	719645	40.253	ng	99
72) Carbazole	11.67	167	642775	36.714	ng	99
73) Di-n-butylphthalate	12.00	149	860226	40.820	ng	99
74) Fluoranthene	12.66	202	687834	38.875	ng	98
76) Benzidine	12.77	184	54490	5.689	ng	99
77) Pyrene	12.89	202	717026	36.313	ng	99
79) Butylbenzylphthalate	13.50	149	332211	35.799	ng	94
80) Benzo(a)anthracene	14.07	228	623894	39.789	ng	99
81) 3,3'-Dichlorobenzidine	14.03	252	163438	28.434	ng	99
82) Chrysene	14.11	228	589622	39.498	ng	100
83) Bis(2-ethylhexyl)phthalate	14.05	149	491836	38.491	ng	# 99
84) Di-n-octyl phthalate	14.66	149	848624	41.244	ng	99
85) Indeno(1,2,3-cd)pyrene	17.09	276	399077	33.419	ng	97
87) Benzo(b)fluoranthene	15.14	252	545775	42.522	ng	99
88) Benzo(k)fluoranthene	15.17	252	495580	39.092	ng	99
89) Benzo(a)pyrene	15.52	252	467319	39.665	ng	97
90) Dibenzo(a,h)anthracene	17.11	278	337701	35.816	ng	99
91) Benzo(g,h,i)perylene	17.55	276	328275	35.222	ng	96

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

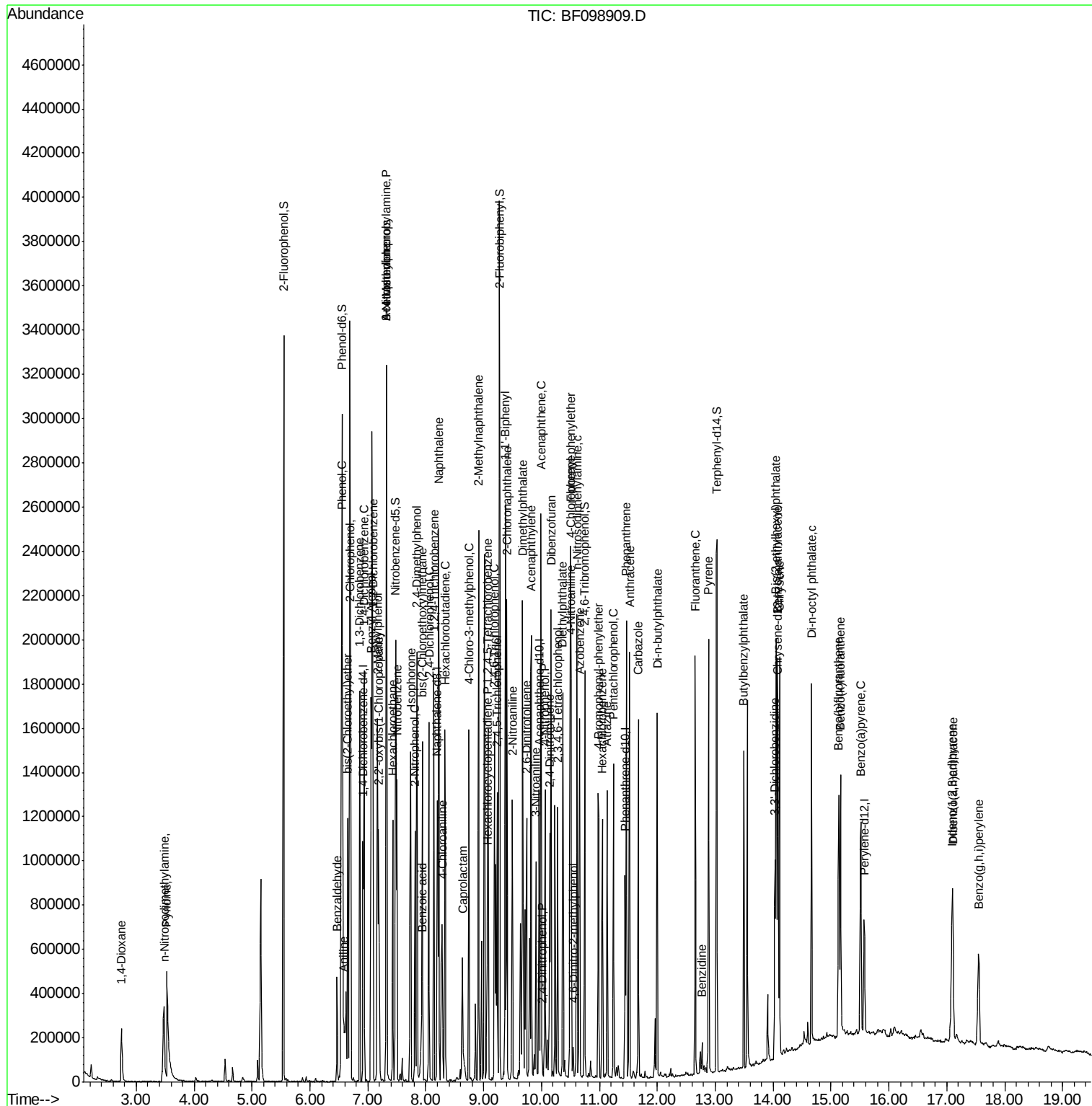
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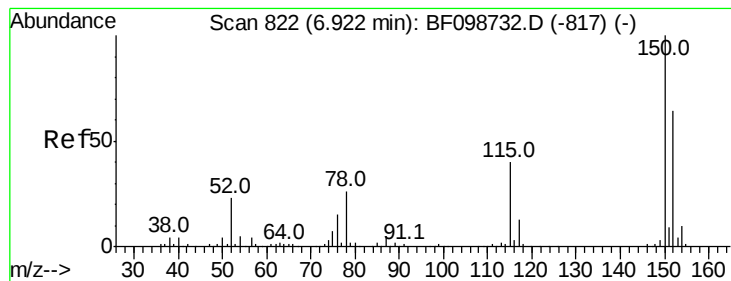
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#1

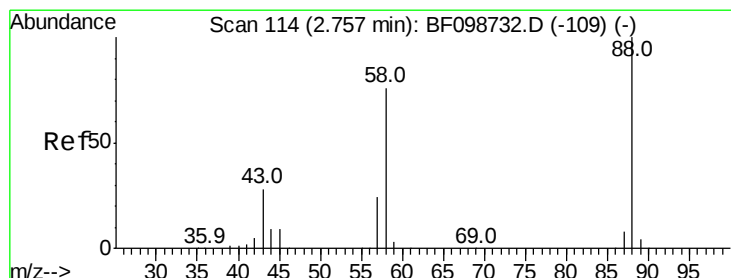
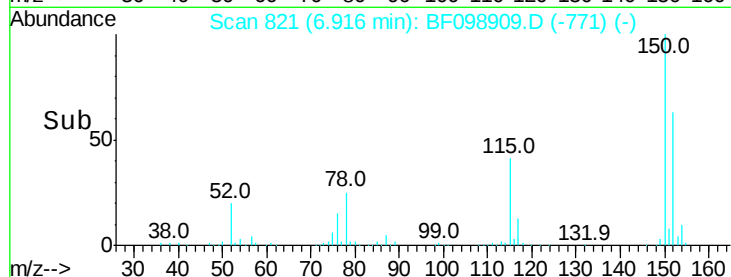
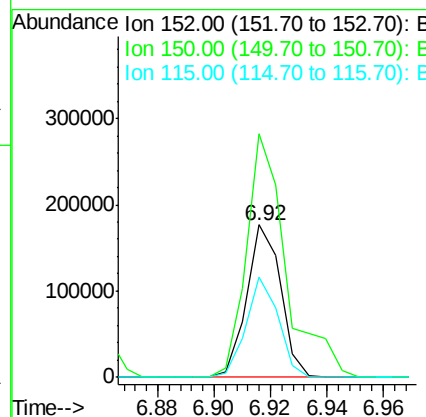
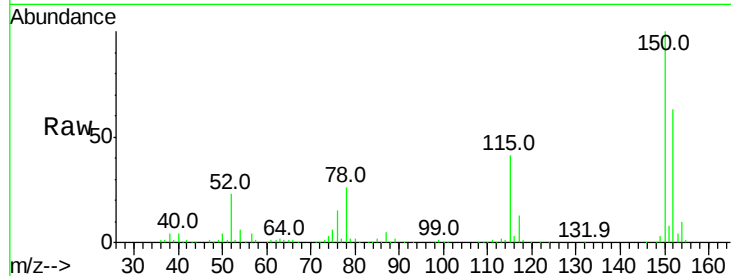
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.6	186.8
115	65.5	50.1	75.1

Manual Integrations
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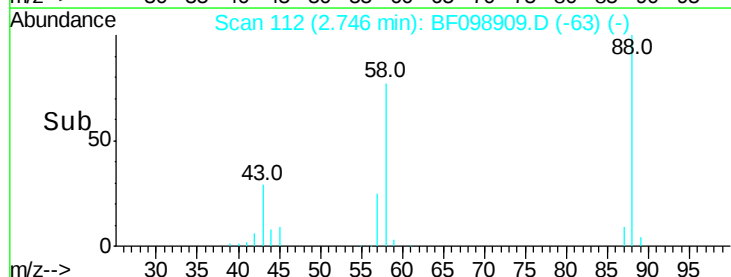
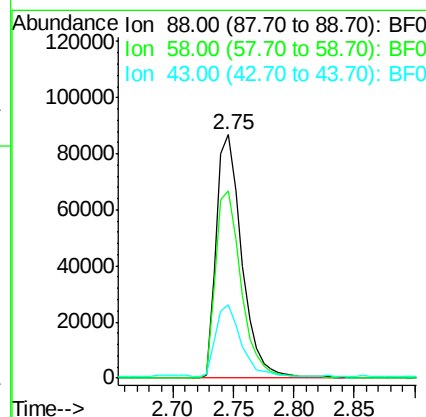
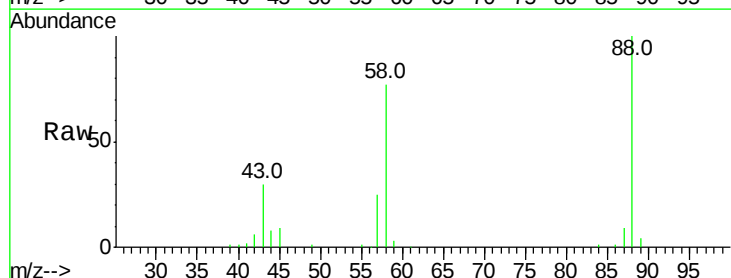
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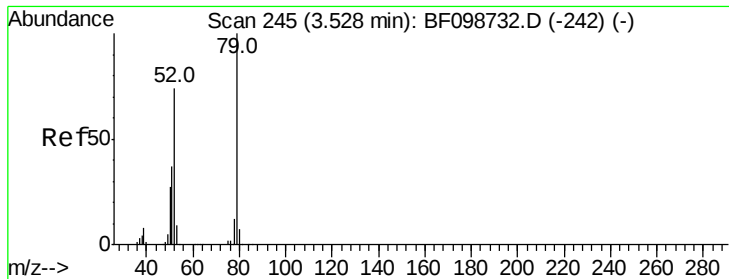


#2

1,4-Dioxane
Concen: 28.621 ng
RT: 2.75 min Scan# 112
Delta R.T. -0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.3	62.6	93.8
43	28.9	24.6	37.0





#3

Pvridine

Concen: 29.477 ng

RT: 3.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: BF098909.D

Acq: 28 Sep 2017 15:31

Instrument :

BNA_F

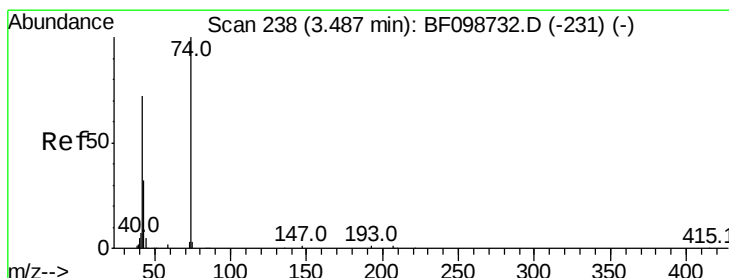
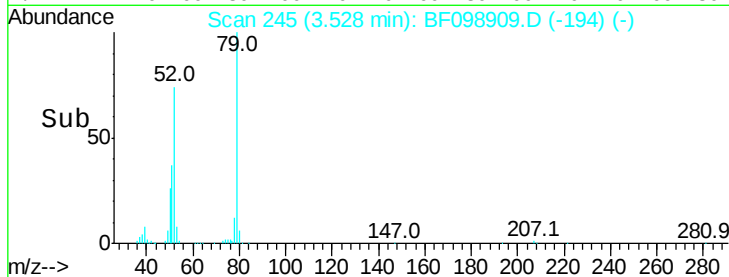
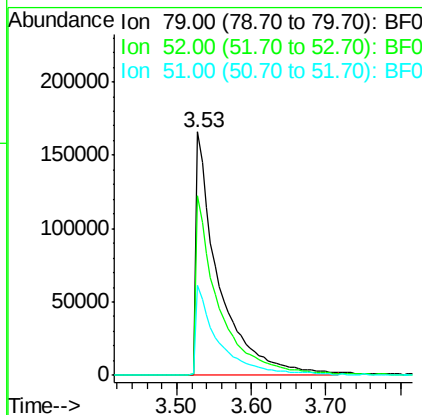
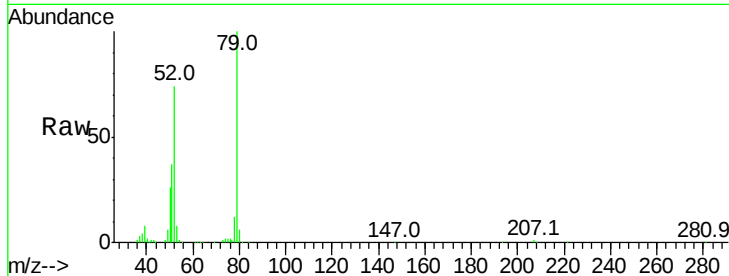
ClientSampleId :

SASP2P-EPE-116-5B(10-12)MS

Tot Ion:	79	Resp:	353224
Ion Ratio	Lower	Upper	
79	100		
52	73.8	59.8	89.6
51	37.0	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.042 ng

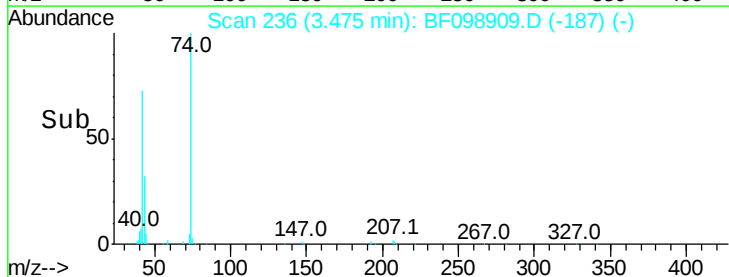
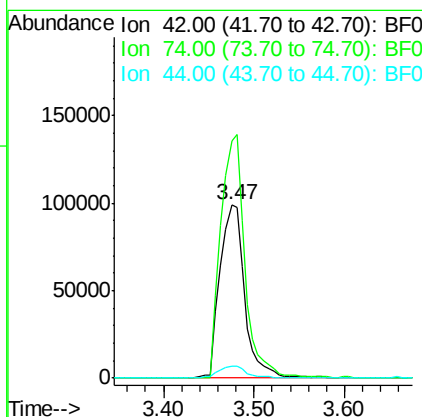
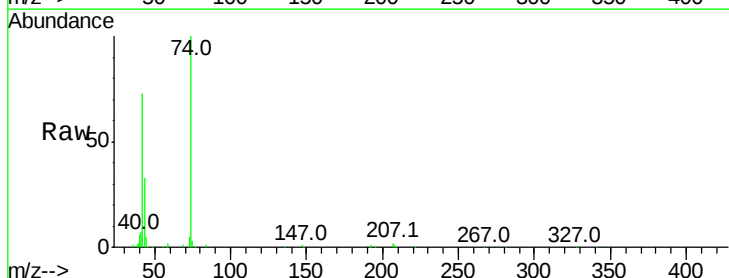
RT: 3.47 min Scan# 236

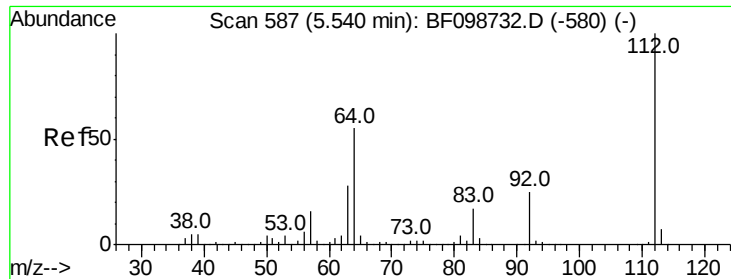
Delta R.T. -0.01 min

Lab File: BF098909.D

Acq: 28 Sep 2017 15:31

Tgt Ion:	42	Resp:	188226
Ion Ratio	Lower	Upper	
42	100		
74	136.5	104.9	157.3
44	6.8	6.9	10.3#





#5

2-Fluorophenol

Concen: 113.930 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF098909.D

Acq: 28 Sep 2017 15:31

Instrument :

BNA_F

ClientSampleId :

SASP2P-EPE-116-5B(10-12)MS

Tot Ion:112 Resp: 1056485

Ion Ratio Lower Upper

112 100

64 55.5 47.9 71.9

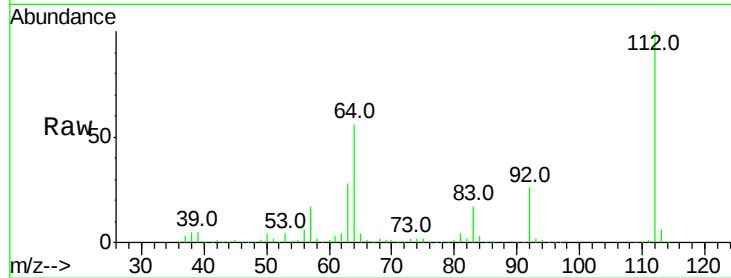
63 27.5 23.7 35.5

Manual Integrations

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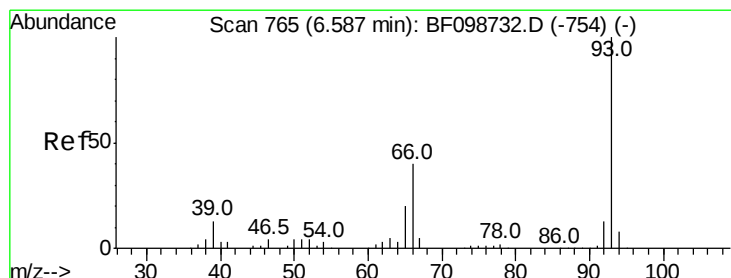
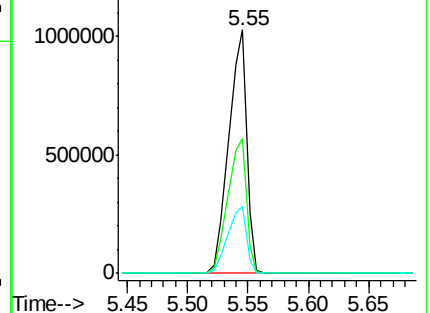
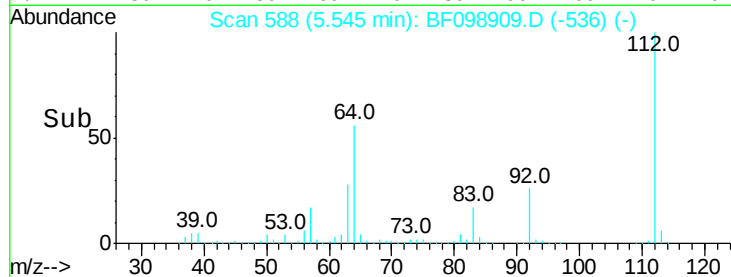
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.912 ng m

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF098909.D

Acq: 28 Sep 2017 15:31

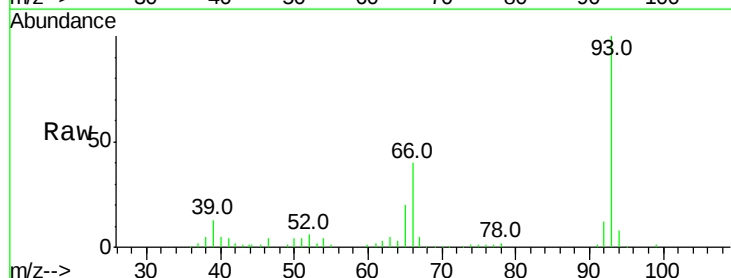
Tgt Ion: 93 Resp: 245674

Ion Ratio Lower Upper

93 100

66 40.2 32.2 48.2

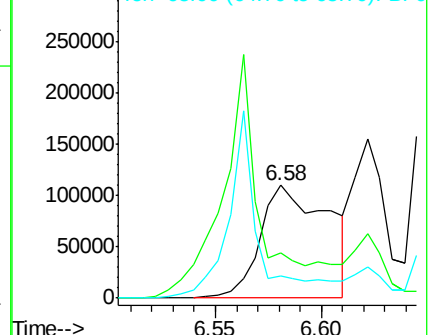
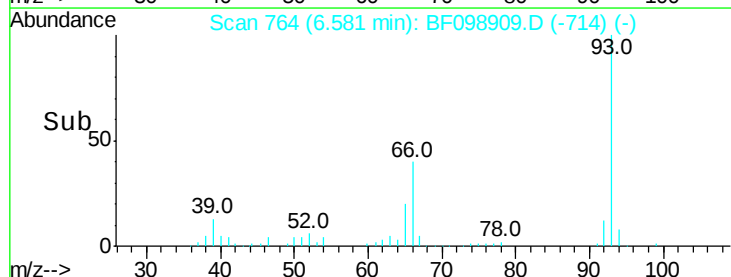
65 19.7 16.4 24.6

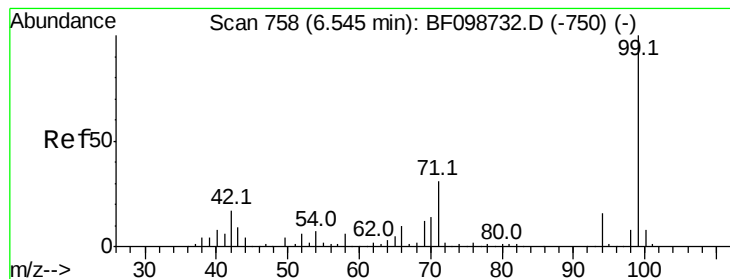


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 112.360 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

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SASP2P-EPE-116-5B(10-12)MS

Tot Ion: 99 Resp: 1285337

Ion Ratio Lower Upper

99 100

42 17.4 14.5 21.7

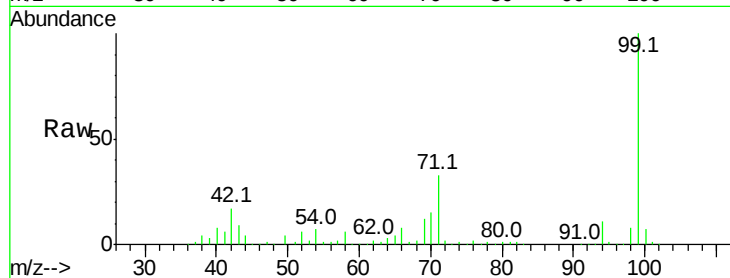
71 32.8 25.4 38.0

Manual Integrations

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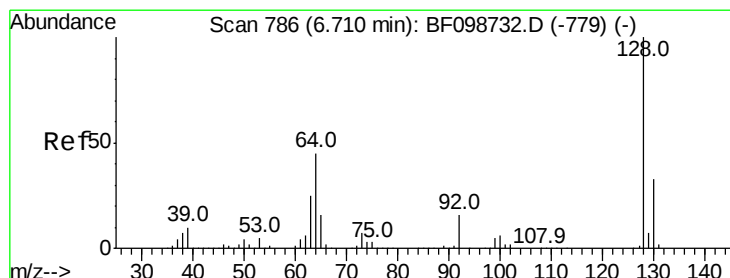
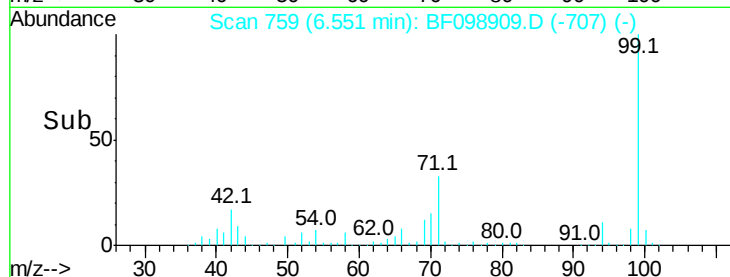
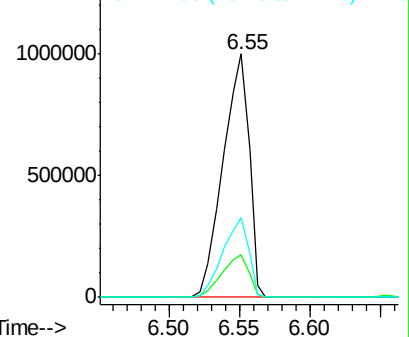
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.038 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF098909.D

Acq: 28 Sep 2017 15:31

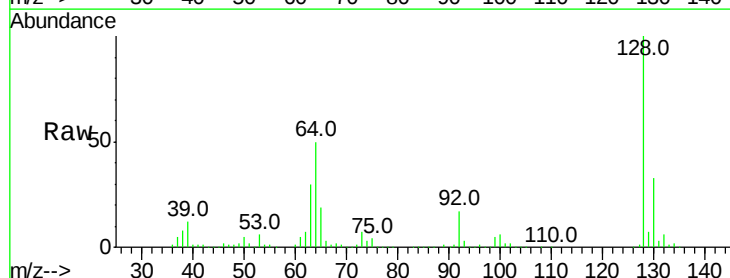
Tgt Ion:128 Resp: 388956

Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

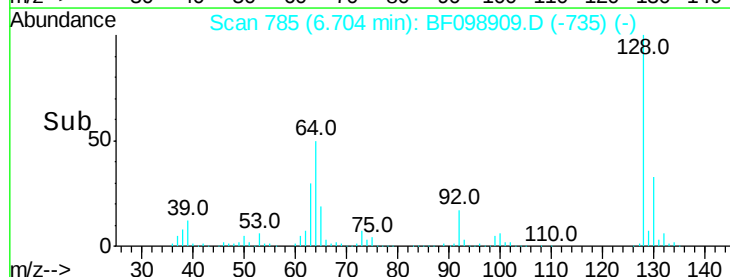
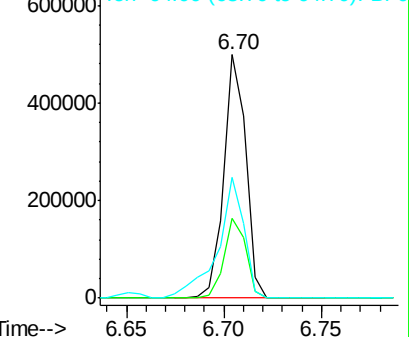
64 49.7 29.4 69.4

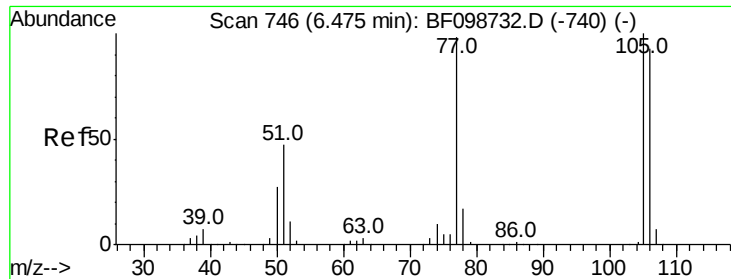


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.905 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF098909.D

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Instrument :

BNA_F

ClientSampleId :

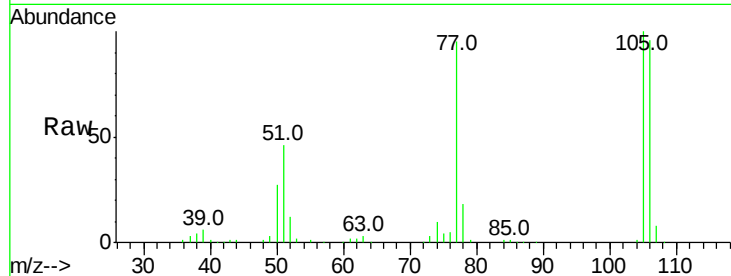
SASP2P-EPE-116-5B(10-12)MS

Tot Ion:	77	Resp:	85637
Ion	Ratio	Lower	Upper
77	100		
105	104.9	81.1	121.1
106	100.9	74.5	114.5

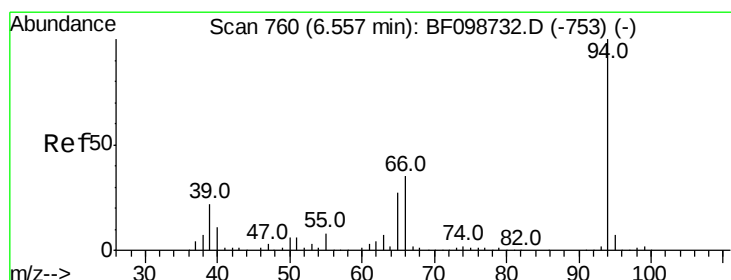
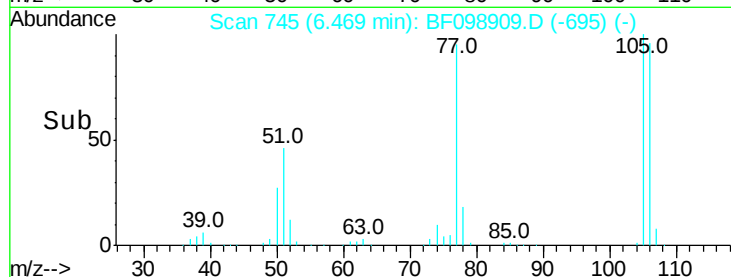
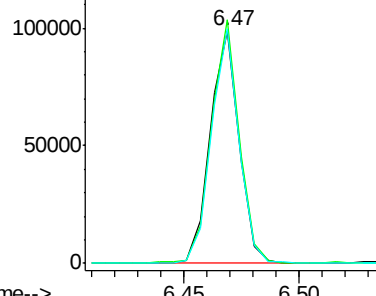
Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.432 ng

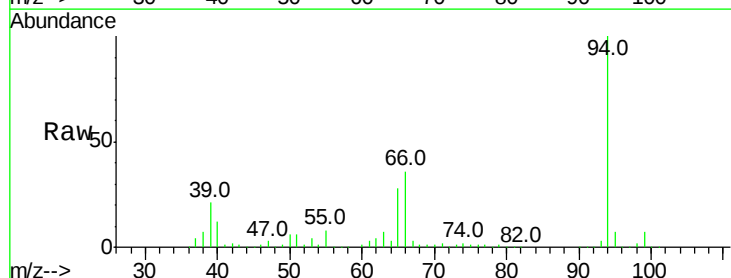
RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

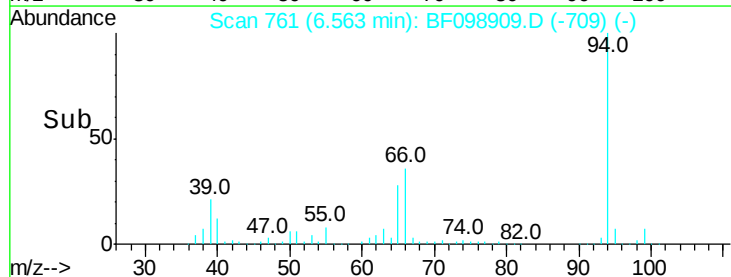
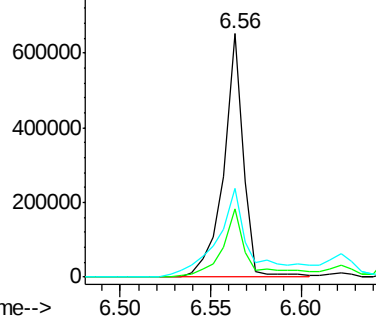
Lab File: BF098909.D

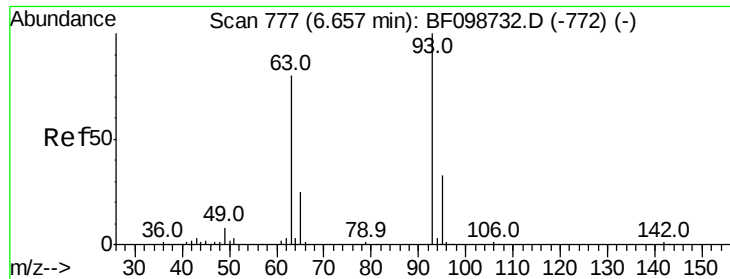
Acq: 28 Sep 2017 15:31

Tgt Ion:	94	Resp:	491681
Ion	Ratio	Lower	Upper
94	100		
65	28.1	7.9	47.9
66	36.4	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





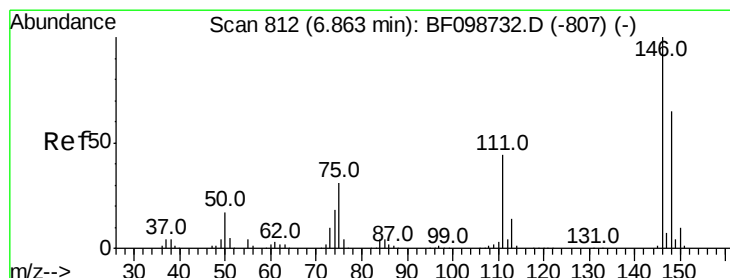
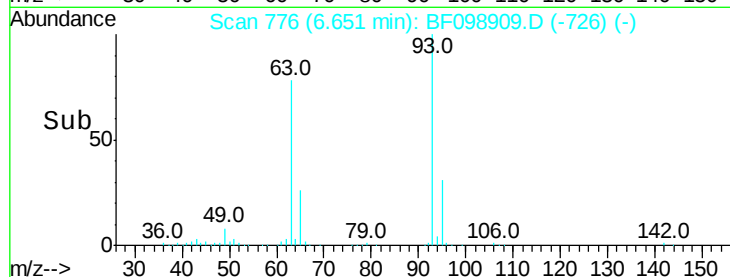
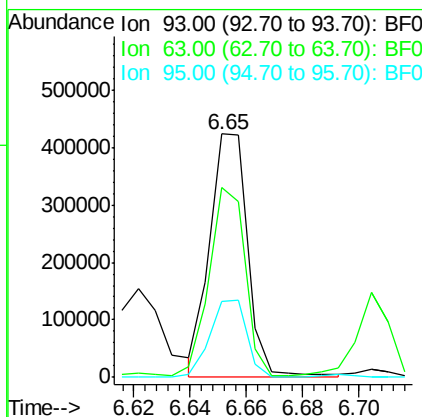
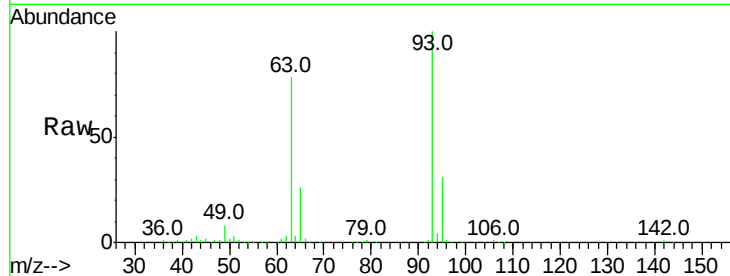
#11
bis(2-Chloroethyl)ether
Concen: 39.910 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.8	58.6	98.6
95	31.1	11.8	51.8

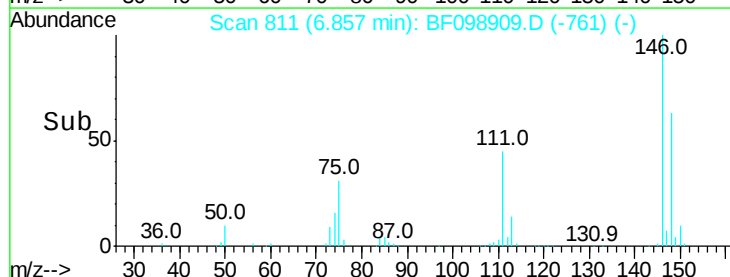
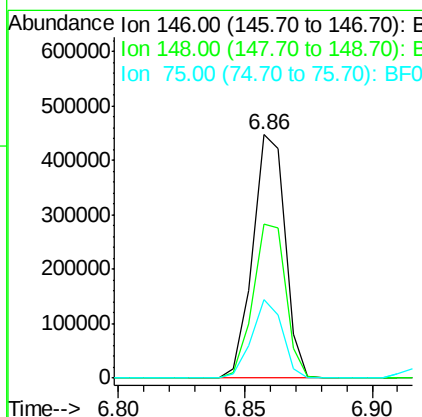
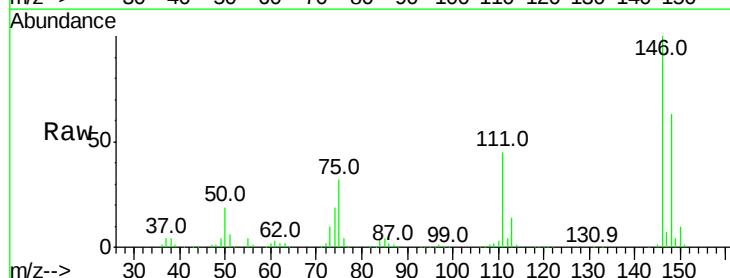
Manual Integrations
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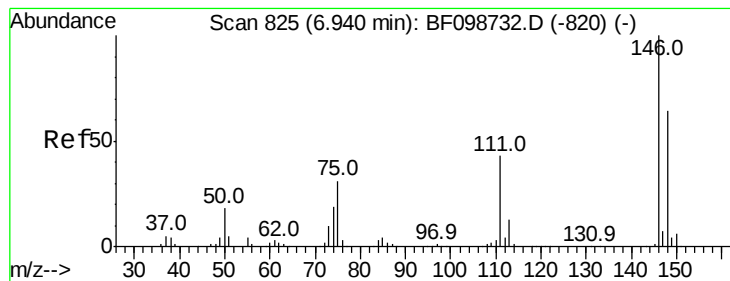
Sohil
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#12
1,3-Dichlorobenzene
Concen: 36.342 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.8	77.8
75	32.1	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 36.183 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF098909.D

Acq: 28 Sep 2017 15:31

Instrument :

BNA_F

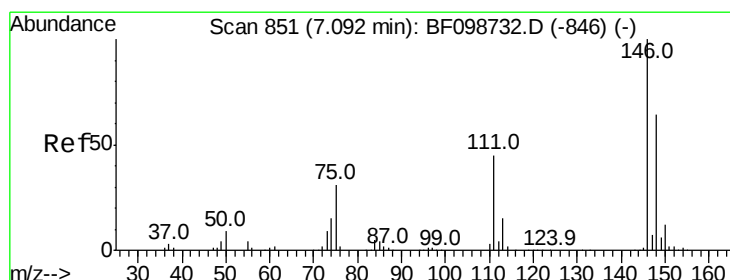
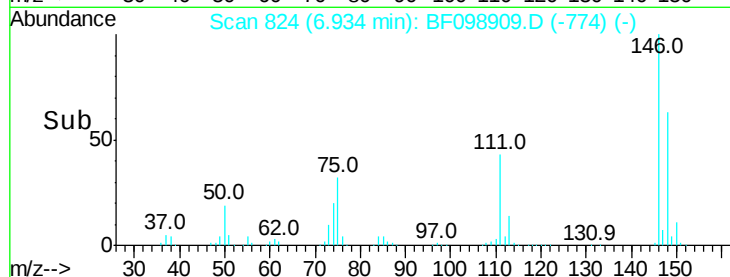
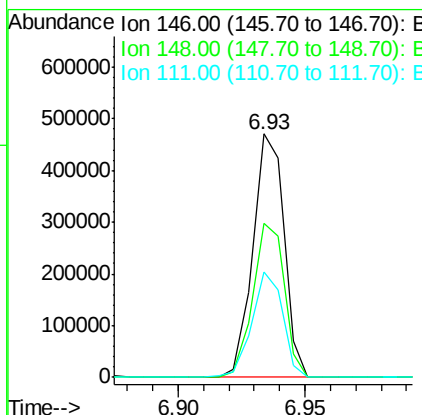
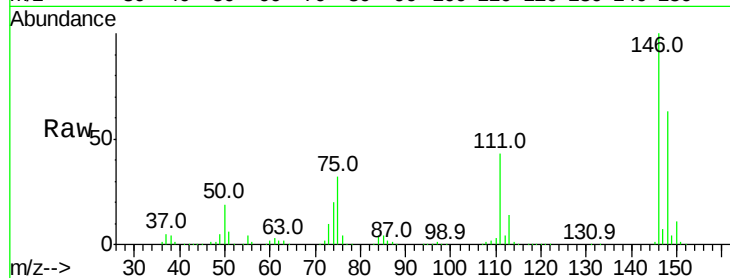
ClientSampleId :

SASP2P-EPE-116-5B(10-12)MS

Tot Ion:	146	Resp:	404872
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.8	76.2
111	43.2	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 36.374 ng

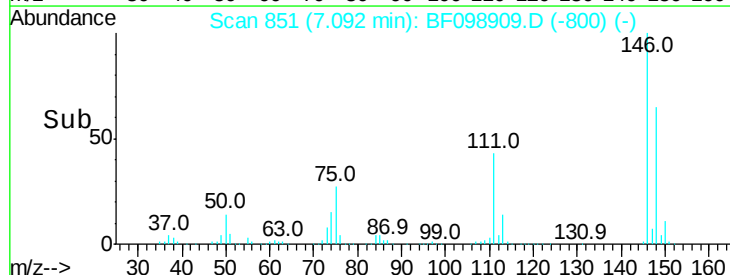
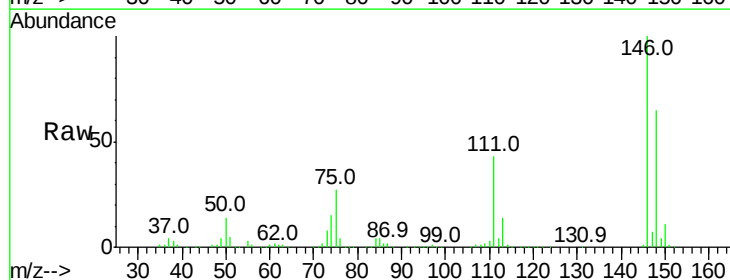
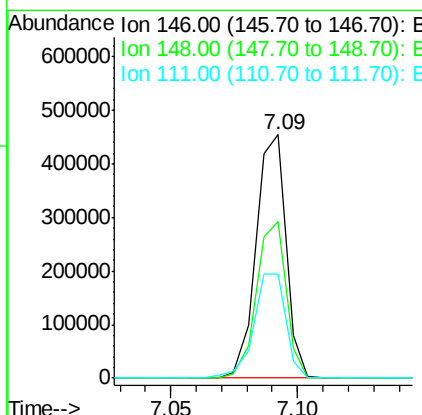
RT: 7.09 min Scan# 851

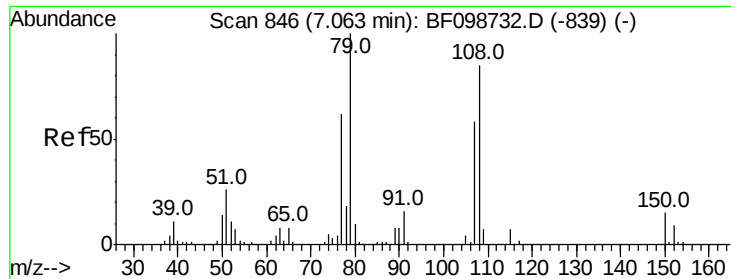
Delta R.T. -0.00 min

Lab File: BF098909.D

Acq: 28 Sep 2017 15:31

Tgt Ion:	146	Resp:	376077
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.6	75.8
111	43.0	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.990 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF098909.D

Acq: 28 Sep 2017 15:31

Instrument :

BNA_F

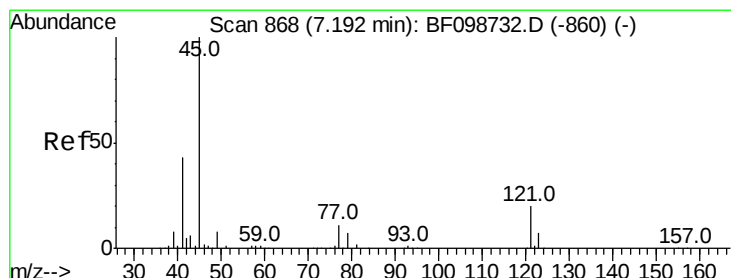
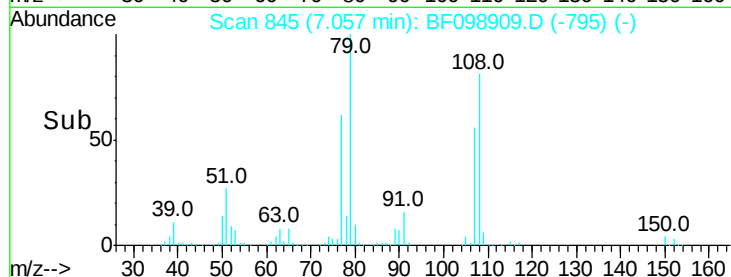
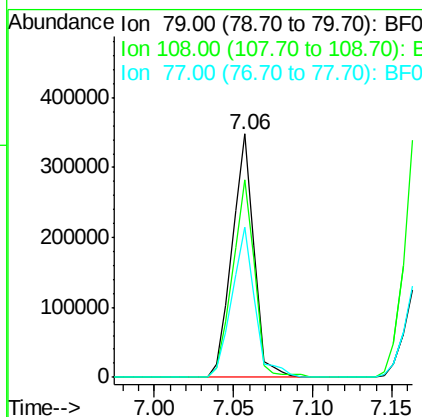
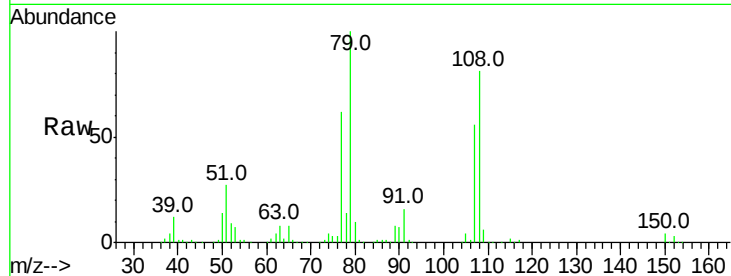
ClientSampleId :

SASP2P-EPE-116-5B(10-12)MS

Tot Ion:	79	Resp:	335602
Ion Ratio	Lower	Upper	
79	100		
108	81.4	65.1	97.7
77	61.9	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.526 ng

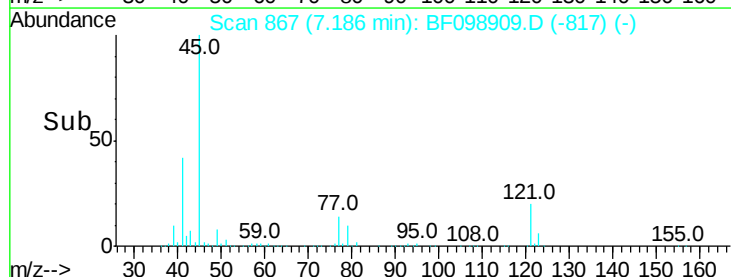
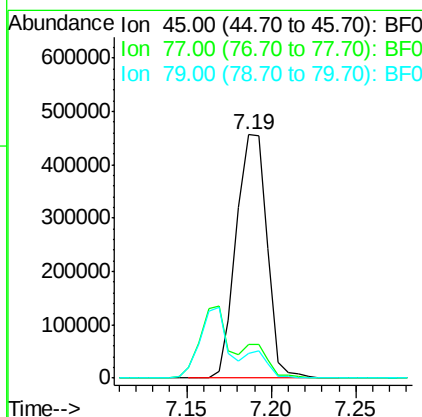
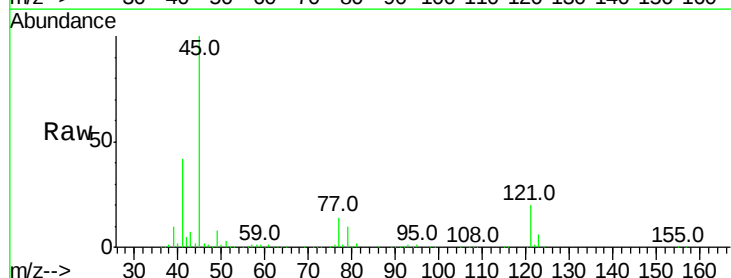
RT: 7.19 min Scan# 867

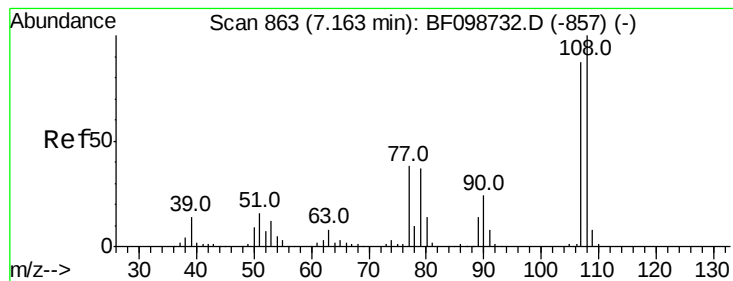
Delta R.T. -0.01 min

Lab File: BF098909.D

Acq: 28 Sep 2017 15:31

Tgt Ion:	45	Resp:	581498
Ion Ratio	Lower	Upper	
45	100		
77	14.0	0.0	32.9
79	10.0	0.0	29.6





#17

2-Methylphenol

Concen: 37.637 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: BF098909.D

Acq: 28 Sep 2017 15:31

Instrument :

BNA_F

ClientSampleId :

SASP2P-EPE-116-5B(10-12)MS

Tot Ion:107 Resp: 323401

Ion Ratio Lower Upper

107 100

108 113.3 91.7 137.5

77 41.8 33.8 50.8

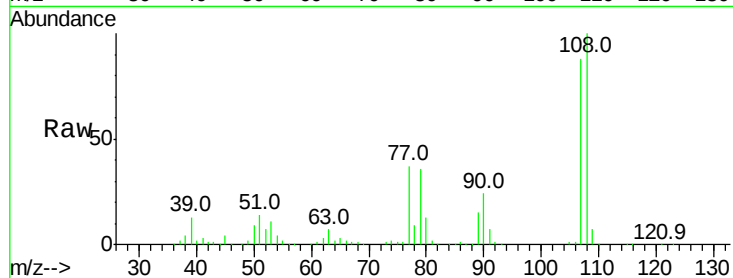
79 41.1 33.8 50.8

Manual Integrations

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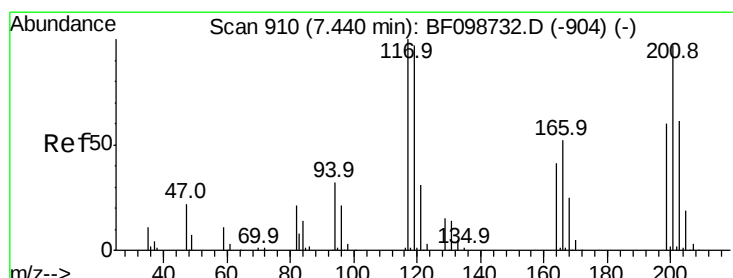
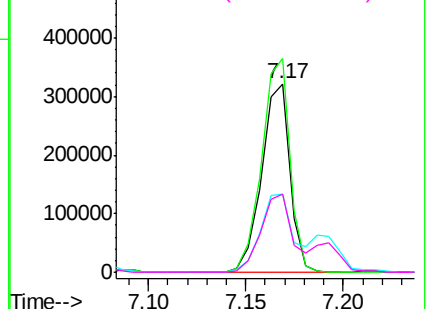
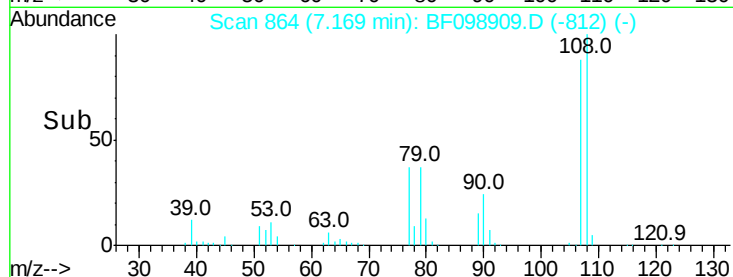


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 33.345 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF098909.D

Acq: 28 Sep 2017 15:31

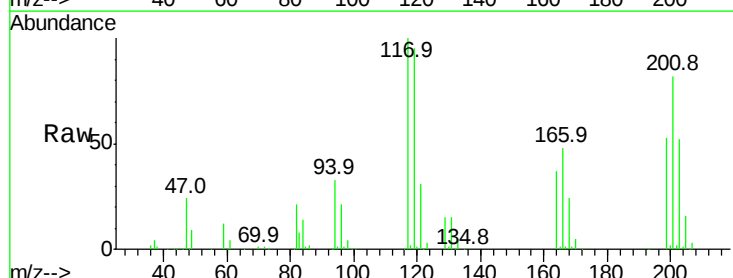
Tgt Ion:117 Resp: 134115

Ion Ratio Lower Upper

117 100

119 95.5 75.8 113.8

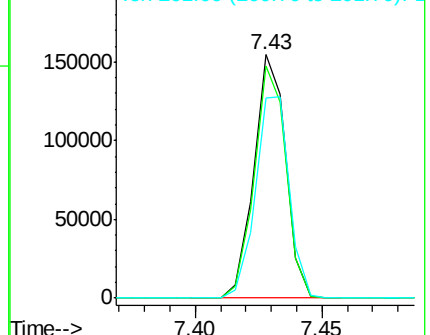
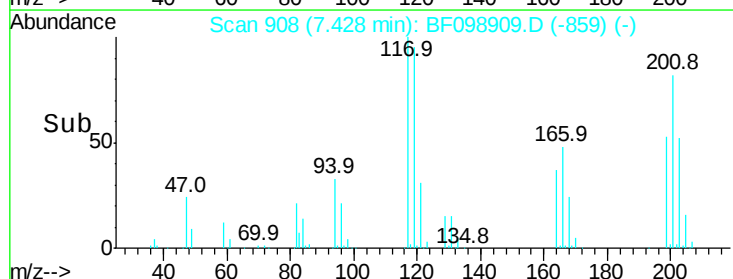
201 82.0 75.7 113.5

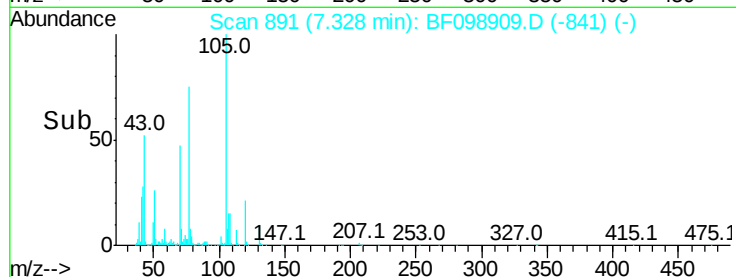
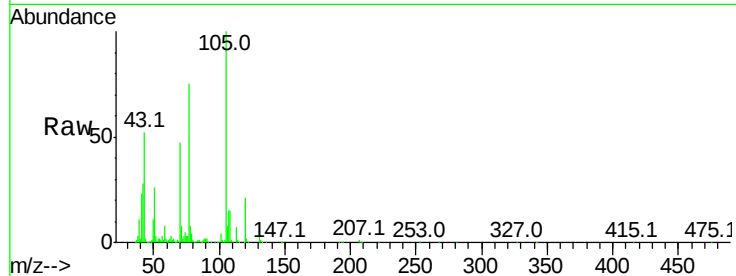
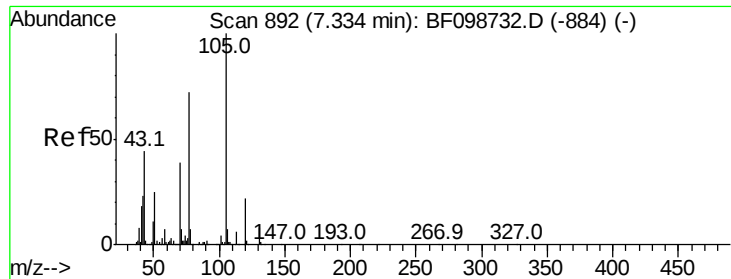


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





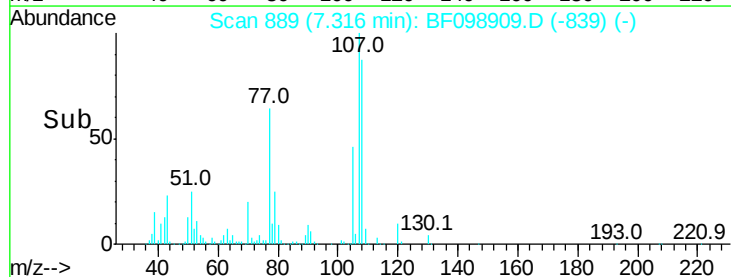
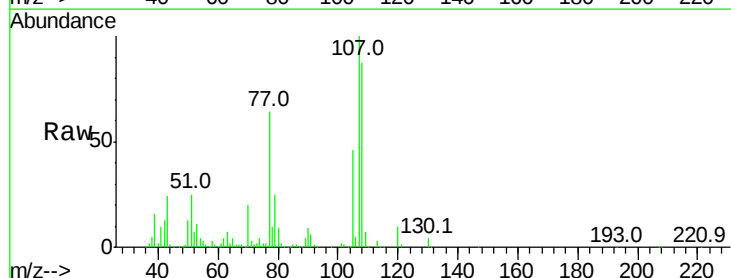
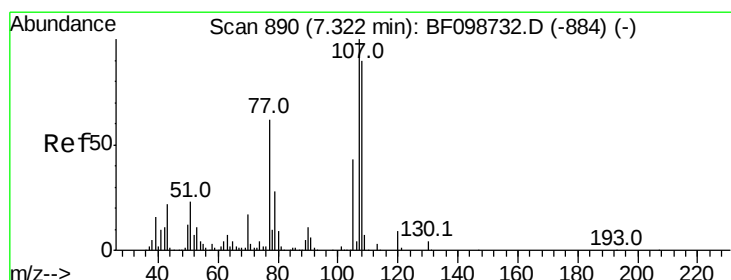
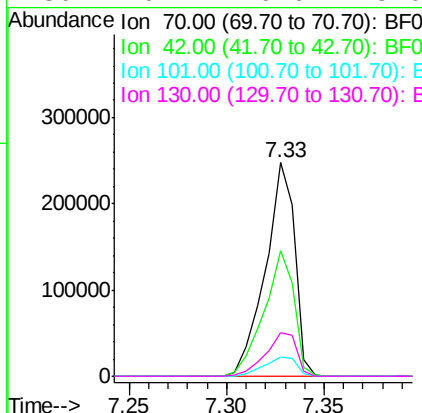
#19
n-Nitroso-di-n-propylamine
Concen: 35.301 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MS

Tot Ion	70	Resp	257826
Ion Ratio	Lower	Upper	
70	100		
42	59.0	47.5	71.3
101	9.3	7.4	11.2
130	20.2	16.6	25.0

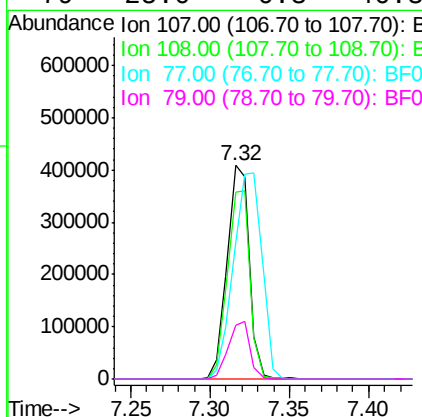
Manual Integrations
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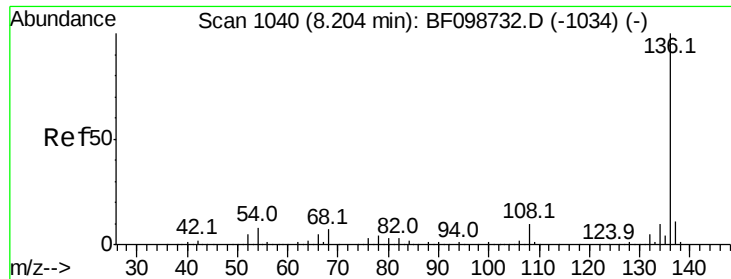
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#20
3+4-Methylphenols
Concen: 36.607 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Tgt Ion	107	Resp	397924
Ion Ratio	Lower	Upper	
107	100		
108	87.3	68.2	108.2
77	64.3	26.7	66.7
79	25.0	6.3	46.3





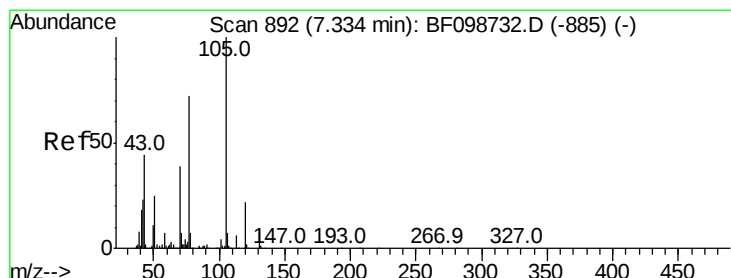
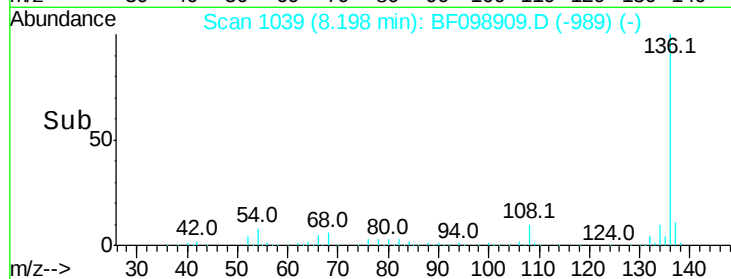
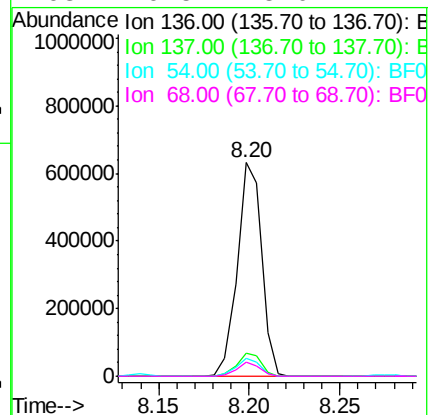
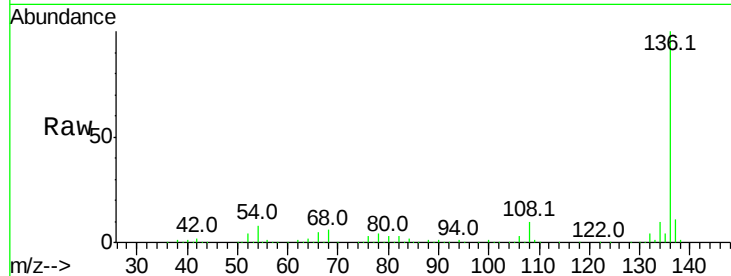
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	590941		
137	11.0		8.9	13.3
54	8.2		6.6	9.8
68	6.5		5.0	7.4

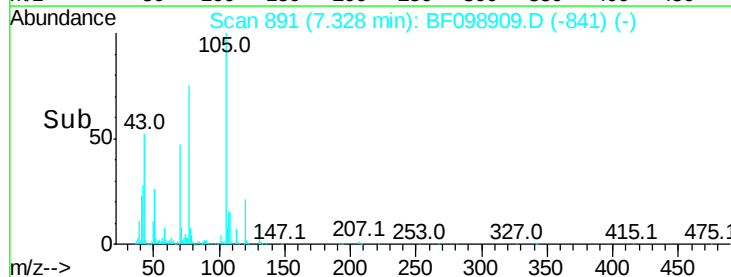
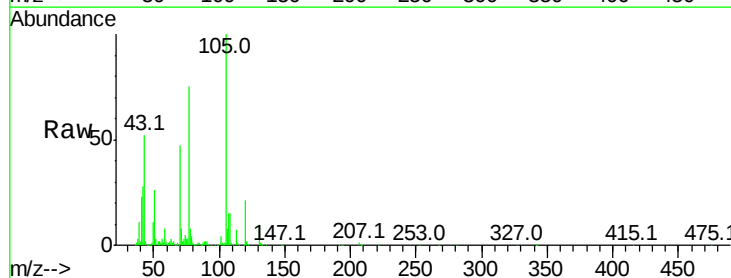
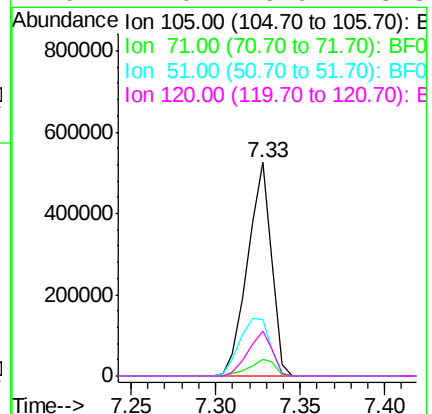
Manual Integrations
APPROVED

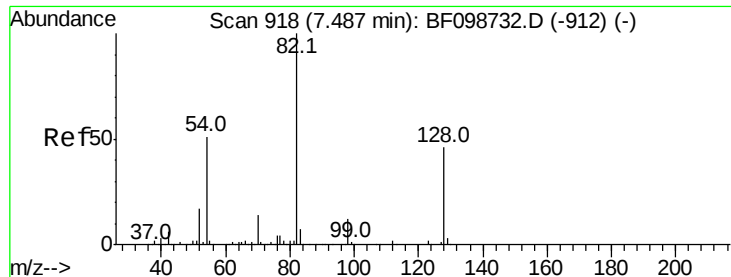
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#22
Acetophenone
Concen: 36.307 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	519823		
71	8.1		4.4	6.6#
51	26.3		22.3	33.5
120	21.0		16.9	25.3





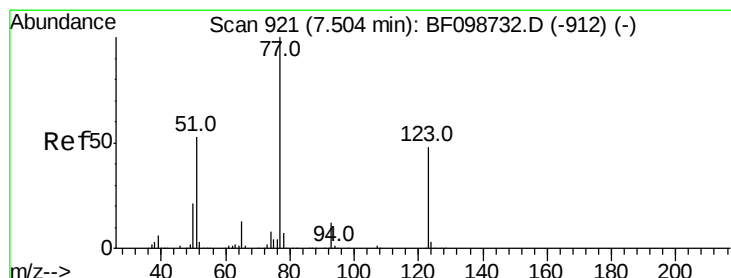
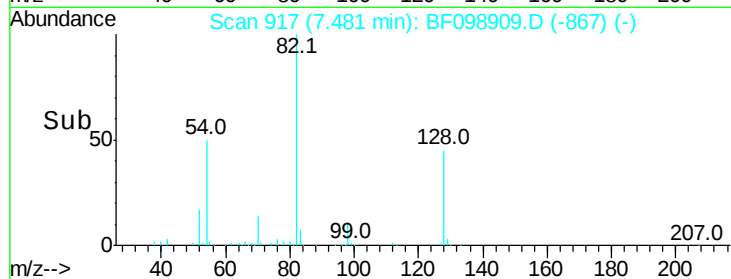
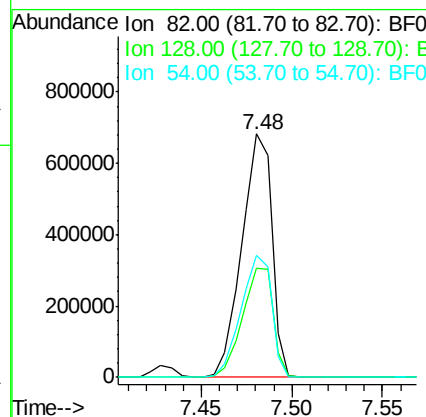
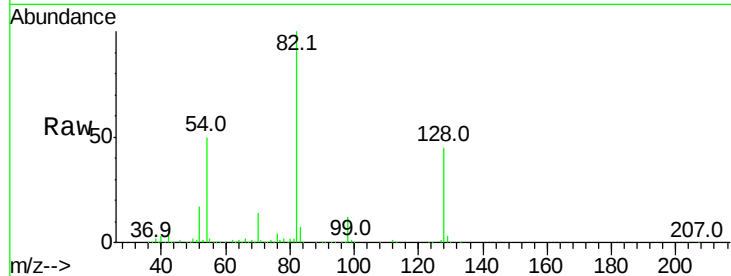
#23
Nitrobenzene-d5
Concen: 85.406 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.9	36.1	54.1	
54	50.1	41.4	62.2	

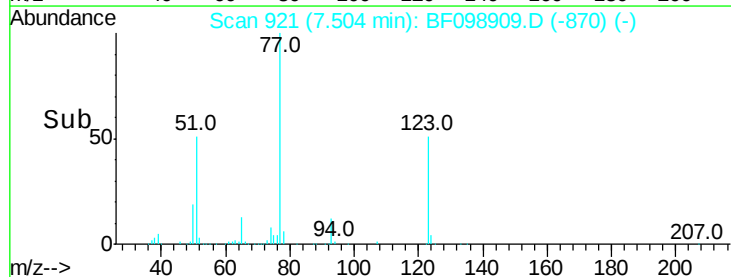
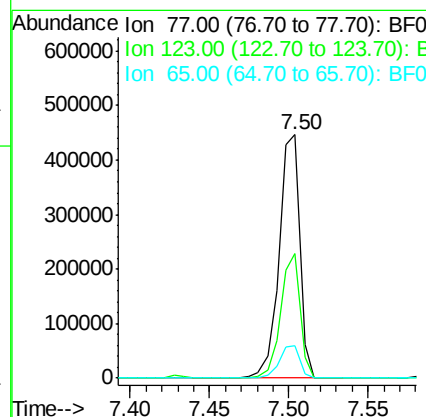
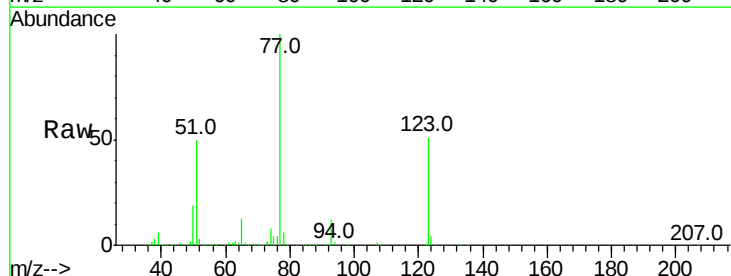
Manual Integrations
APPROVED

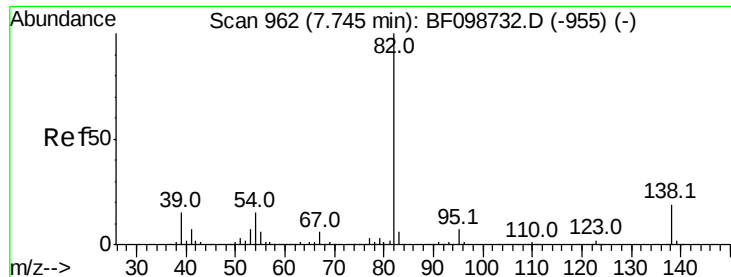
Sohil
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#24
Nitrobenzene
Concen: 38.900 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.00 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	51.3	37.9	56.9	
65	13.3	11.0	16.4	





#25

Isophorone

Concen: 37.785 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF098909.D

Acq: 28 Sep 2017 15:31

Instrument :

BNA_F

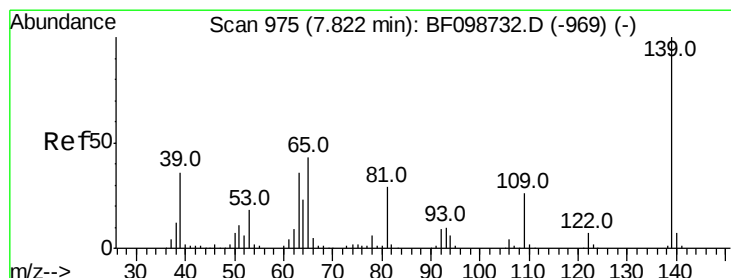
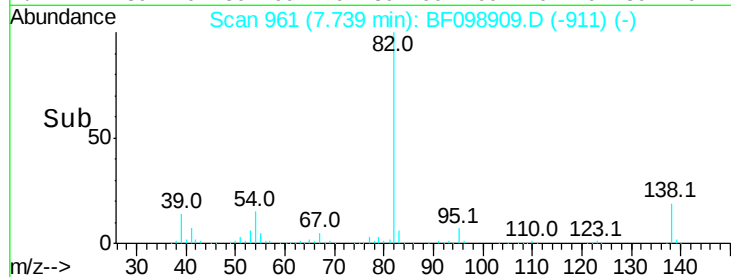
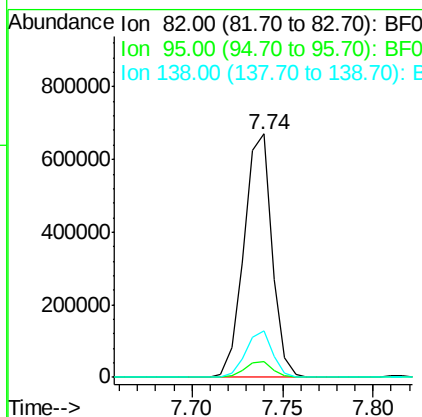
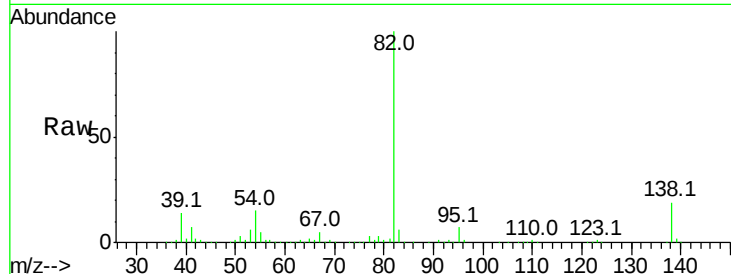
ClientSampleId :

SASP2P-EPE-116-5B(10-12)MS

Tot Ion:	82	Resp:	719865
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	19.1	14.9	22.3

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#26

2-Nitrophenol

Concen: 39.150 ng

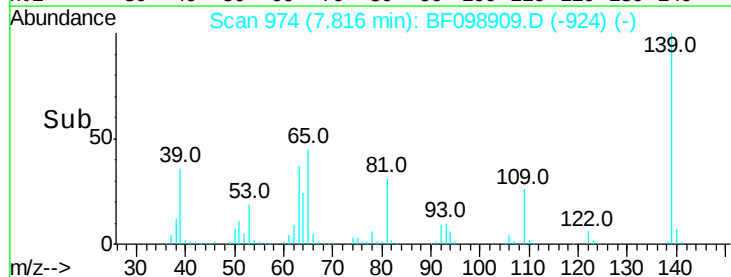
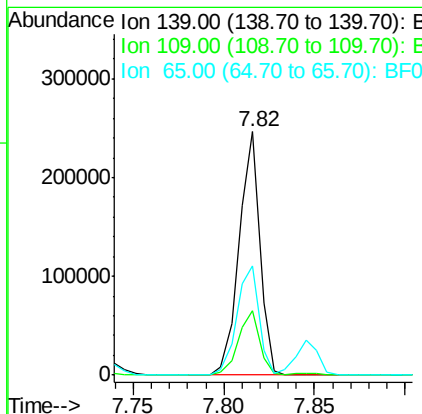
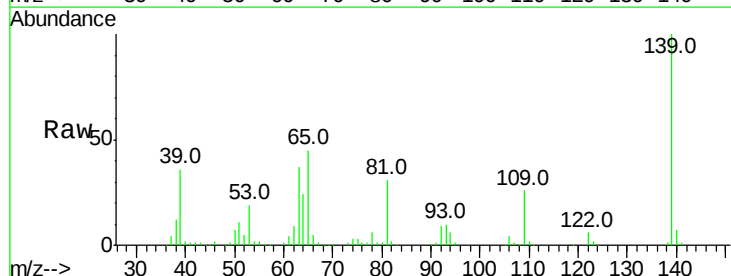
RT: 7.82 min Scan# 974

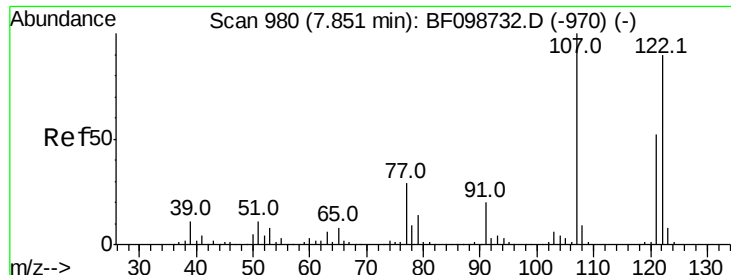
Delta R.T. -0.01 min

Lab File: BF098909.D

Acq: 28 Sep 2017 15:31

Tgt Ion:	139	Resp:	196791
Ion Ratio	Lower	Upper	
139	100		
109	26.4	22.7	34.1
65	44.7	40.5	60.7





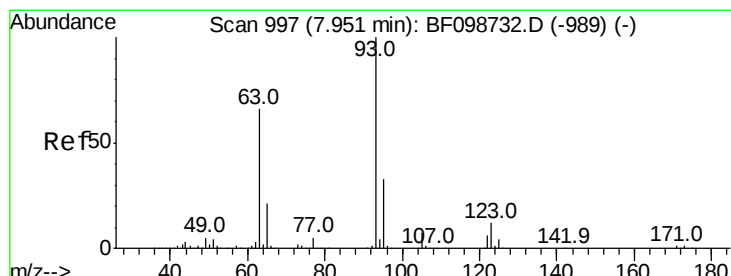
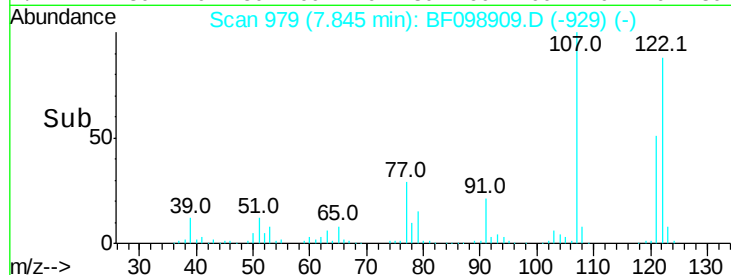
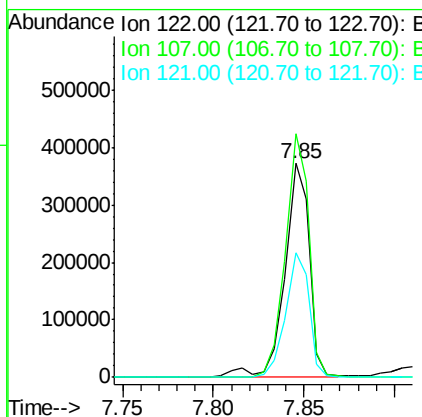
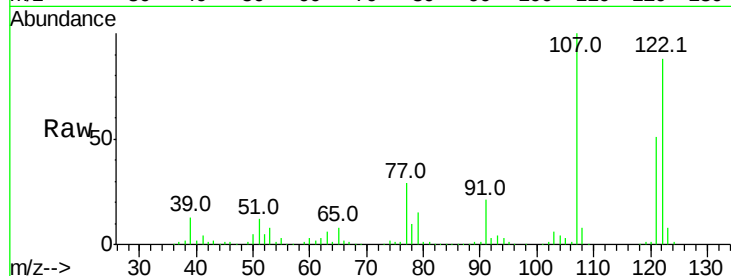
#27
 2,4-Dimethylphenol
 Concen: 36.983 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF098909.D
 Acq: 28 Sep 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-116-5B(10-12)MS

Tot Ion:	122	Resp:	351066
Ion Ratio	Lower	Upper	
122	100		
107	113.8	91.2	136.8
121	58.5	47.2	70.8

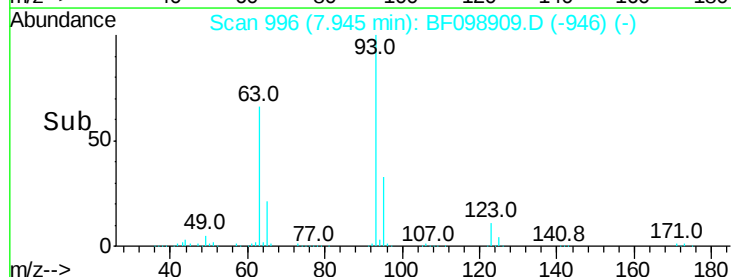
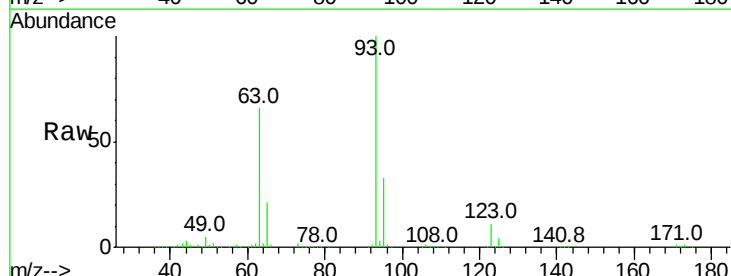
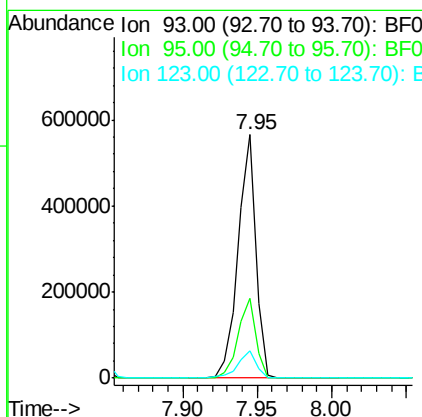
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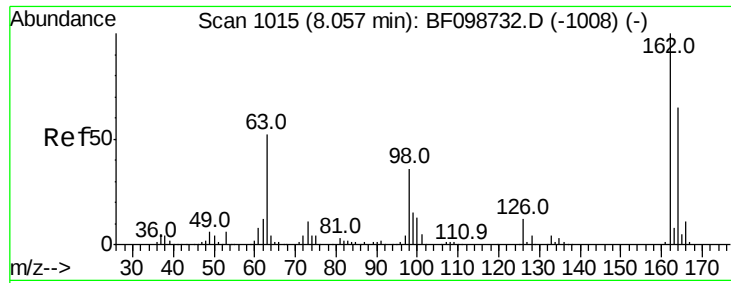
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.936 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF098909.D
 Acq: 28 Sep 2017 15:31

Tgt Ion:	93	Resp:	474142
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.3	39.5
123	11.5	9.8	14.6





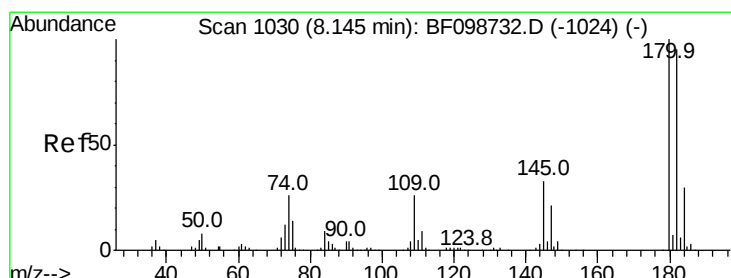
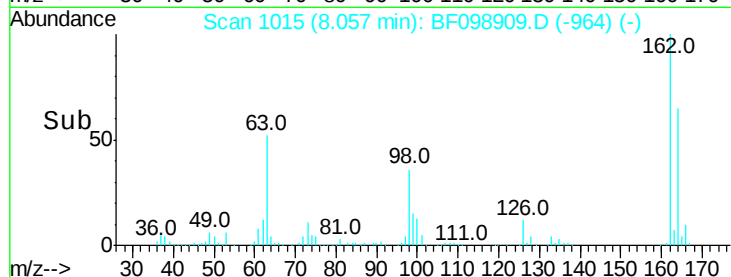
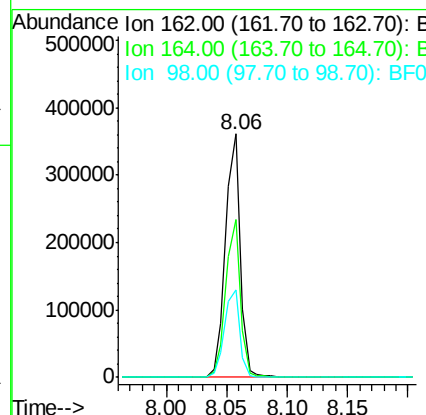
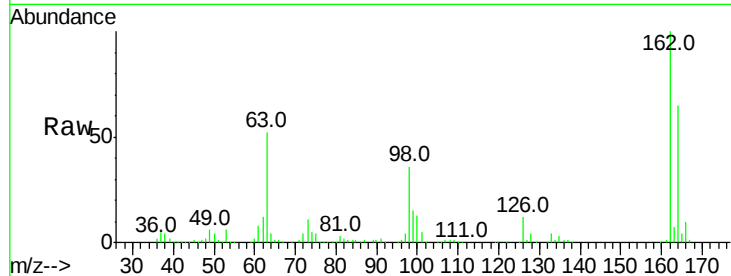
#29
 2,4-Dichlorophenol
 Concen: 37.341 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BF098909.D
 Acq: 28 Sep 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-116-5B(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	304336		
164	64.9	42.7	82.7	
98	35.8	18.1	58.1	

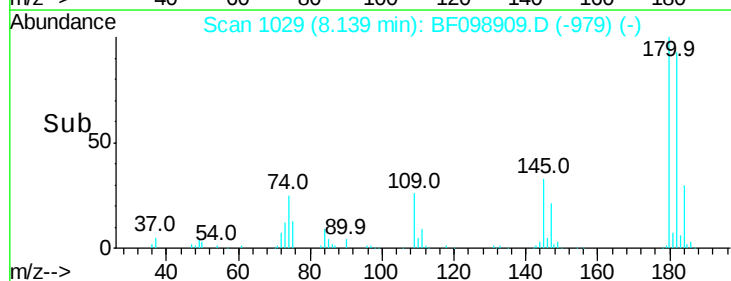
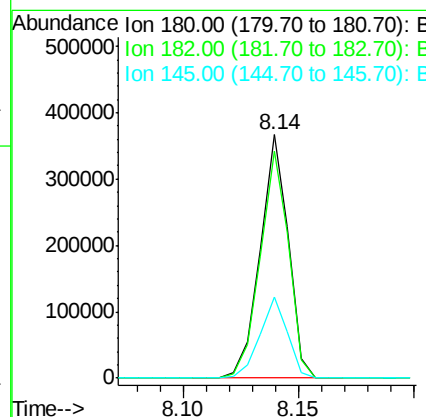
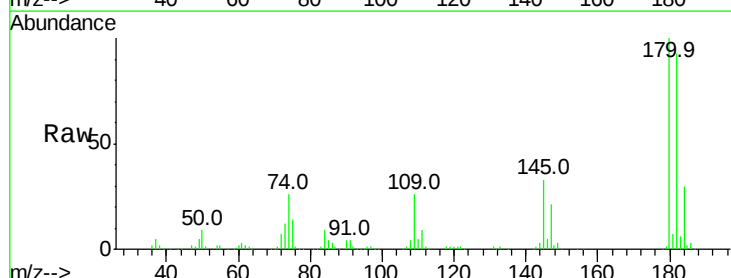
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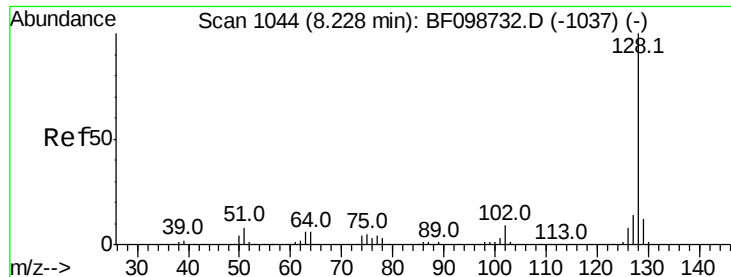
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.189 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF098909.D
 Acq: 28 Sep 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	311297		
182	93.3	76.8	115.2	
145	33.2	26.5	39.7	





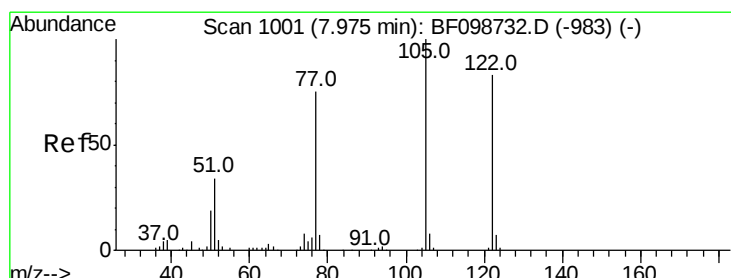
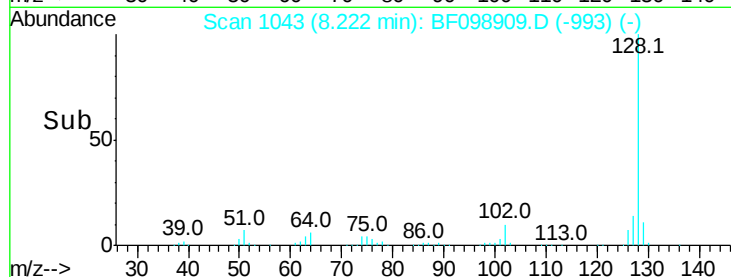
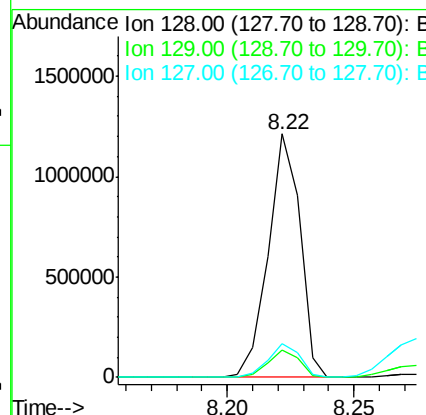
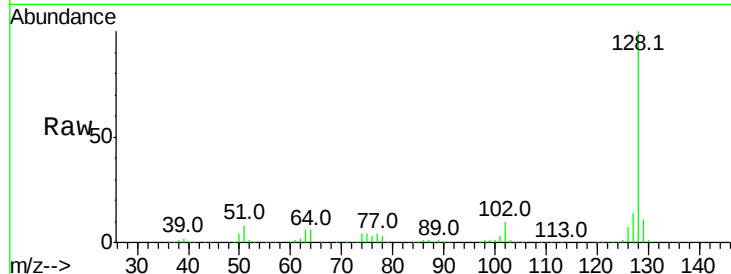
#31
Naphthalene
Concen: 37.959 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.7	10.9	16.3

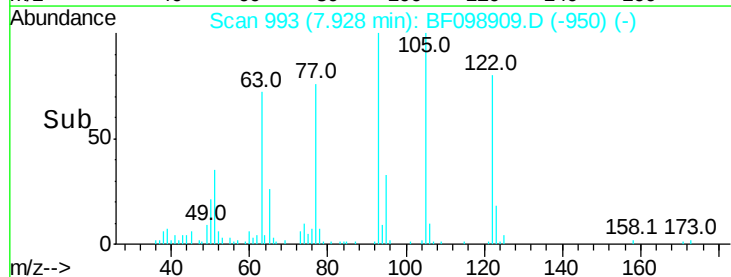
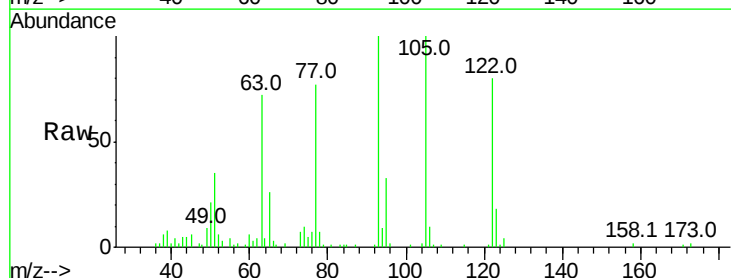
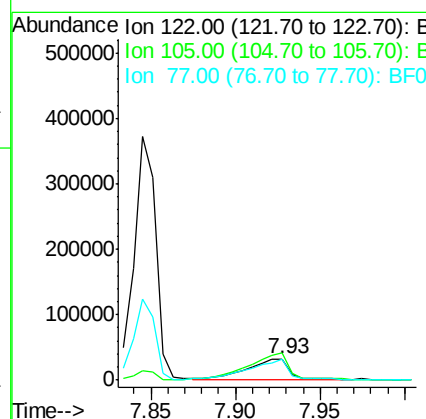
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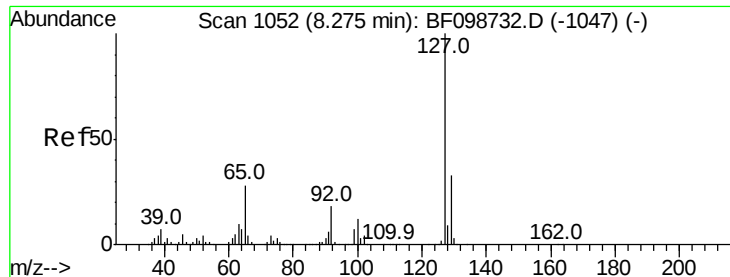
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#32
Benzoic acid
Concen: 6.938 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.05 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.2	101.1	141.1
77	97.3	70.7	110.7





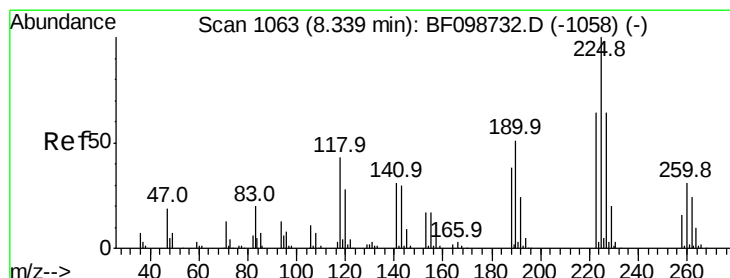
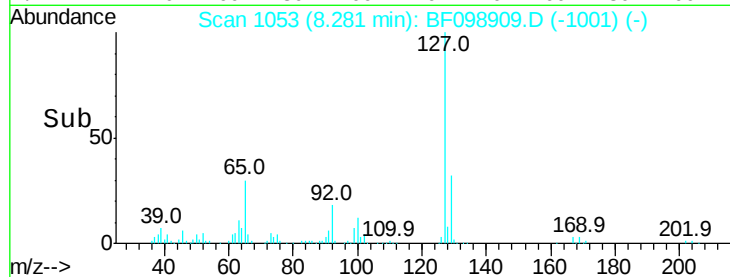
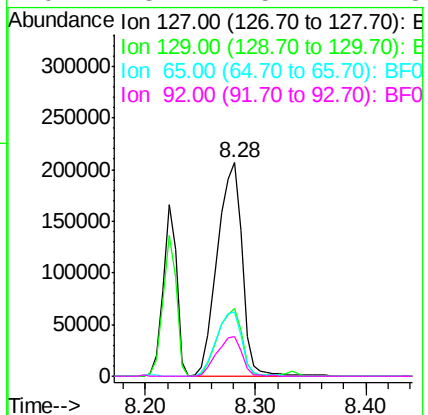
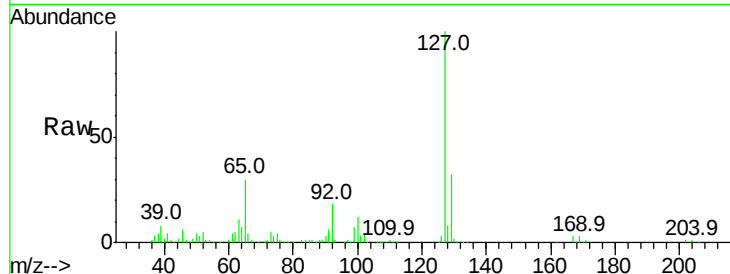
#33
 4-Chloroaniline
 Concen: 27.883 ng
 RT: 8.28 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: BF098909.D
 Acq: 28 Sep 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-116-5B(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	25.9	38.9	
65	30.2	25.0	37.4	
92	18.4	15.2	22.8	

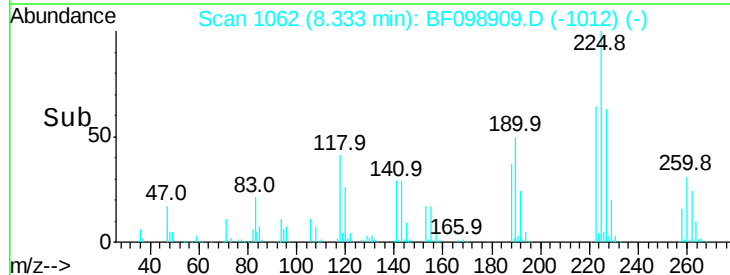
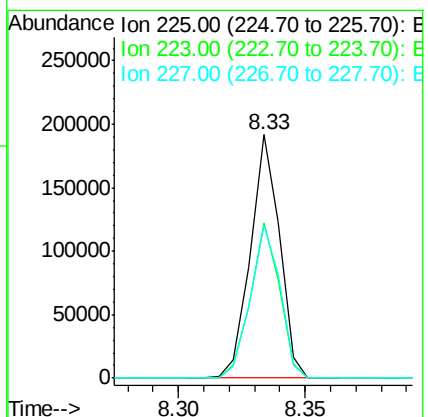
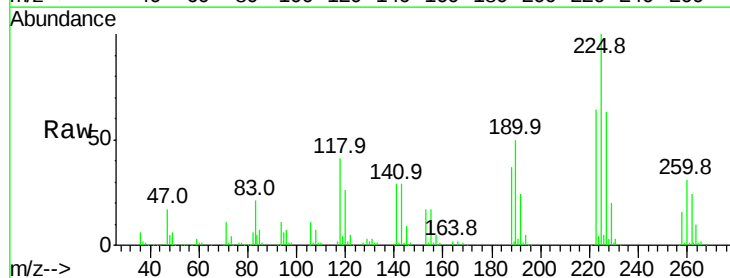
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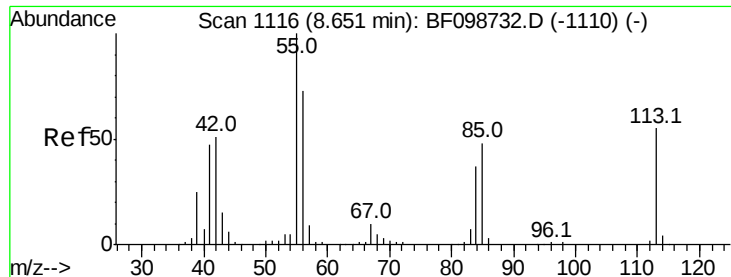
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#34
 Hexachlorobutadiene
 Concen: 36.590 ng
 RT: 8.33 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BF098909.D
 Acq: 28 Sep 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	50.6	76.0	
227	62.6	51.9	77.9	





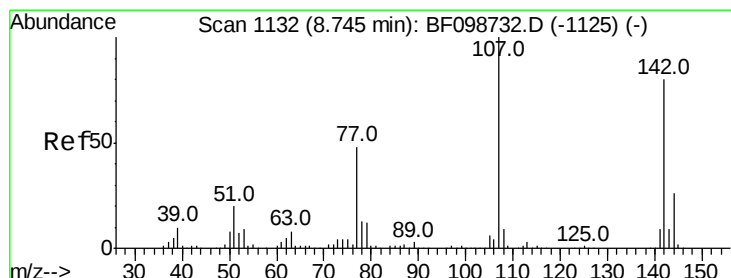
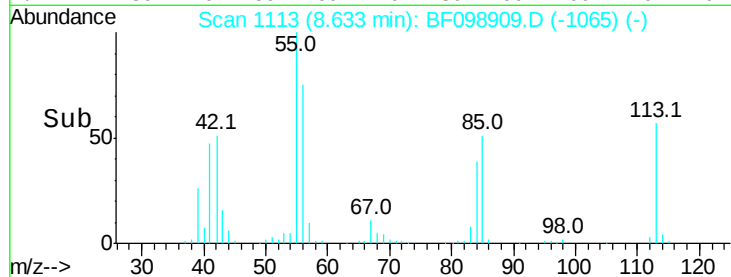
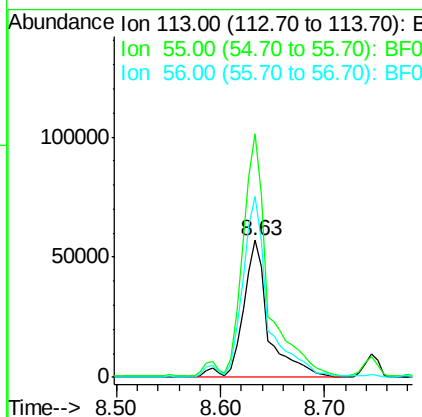
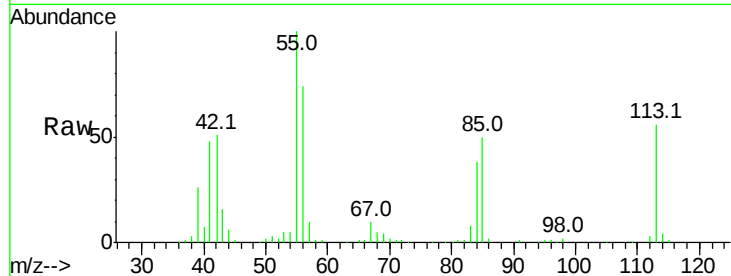
#35
 Caprolactam
 Concen: 37.057 ng/ml
 RT: 8.63 min Scan# 1113
 Delta R.T. -0.02 min
 Lab File: BF098909.D
 Acq: 28 Sep 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-116-5B(10-12)MS

Tot Ion:113 Resp: 96882
 Ion Ratio Lower Upper
 113 100
 55 177.4 163.3 203.3
 56 131.8 115.7 155.7

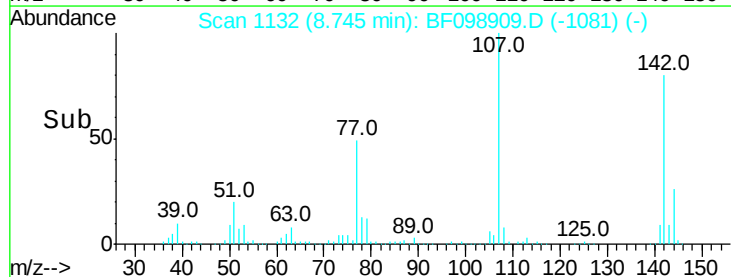
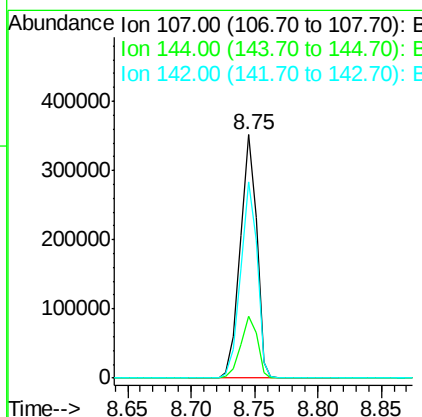
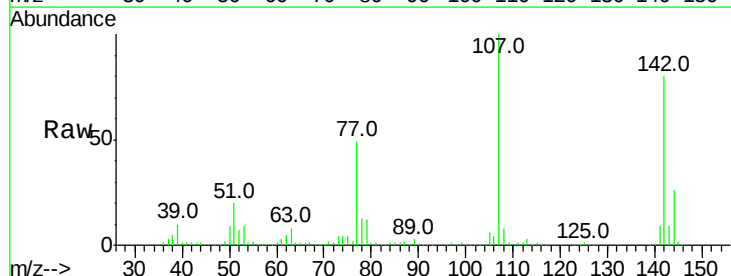
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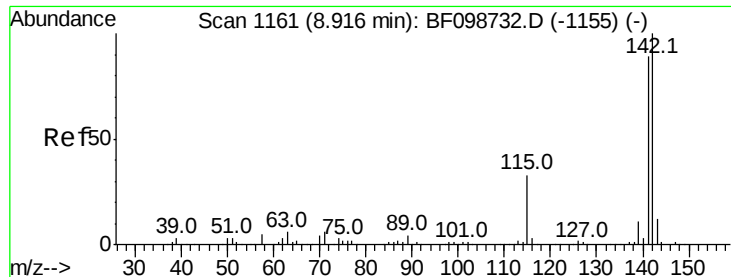
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#36
 4-Chloro-3-methylphenol
 Concen: 34.232 ng/ml
 RT: 8.75 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BF098909.D
 Acq: 28 Sep 2017 15:31

Tgt Ion:107 Resp: 313595
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 80.4 62.0 93.0





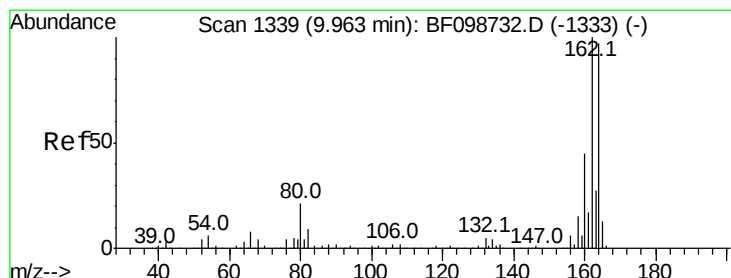
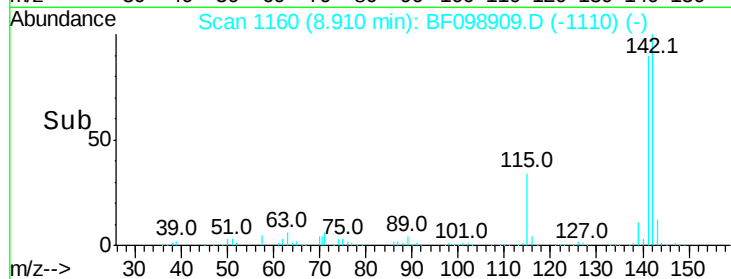
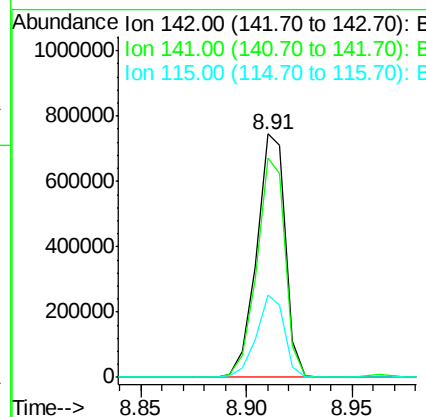
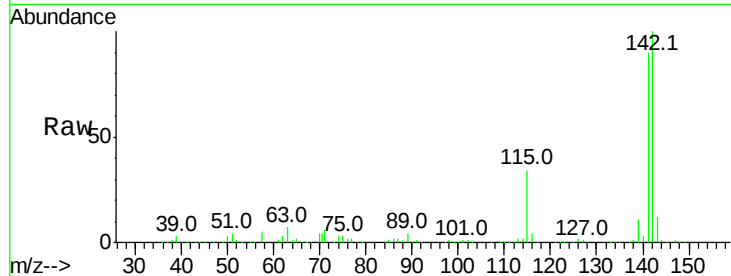
#37
2-Methylnaphthalene
Concen: 39.100 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	705457		
141	90.3		70.8	106.2
115	33.7		26.1	39.1

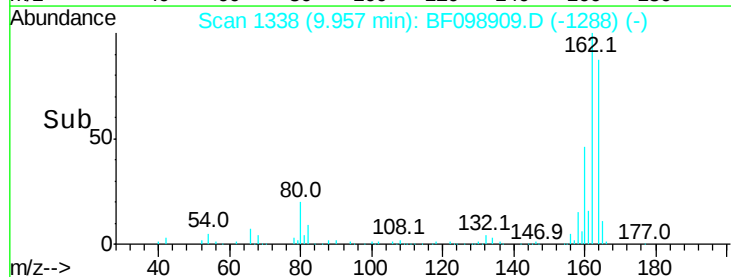
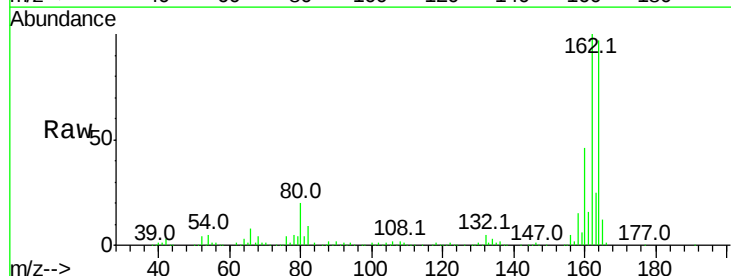
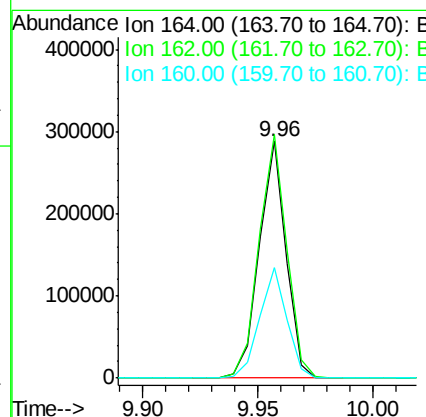
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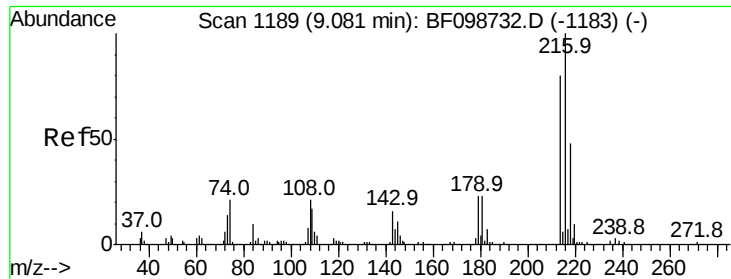
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	233725		
162	102.8		86.1	129.1
160	46.8		38.3	57.5





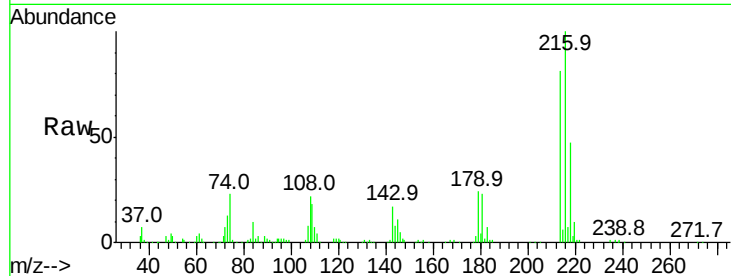
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.347 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF098909.D
 Acq: 28 Sep 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-116-5B(10-12)MS

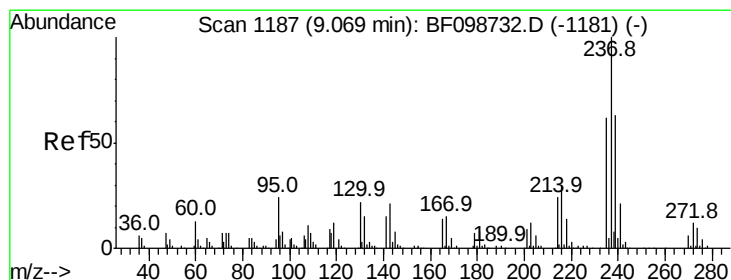
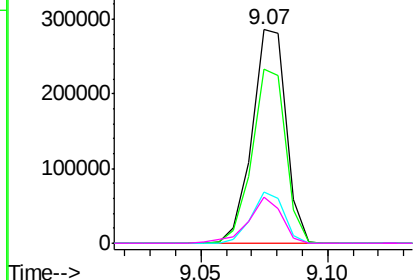
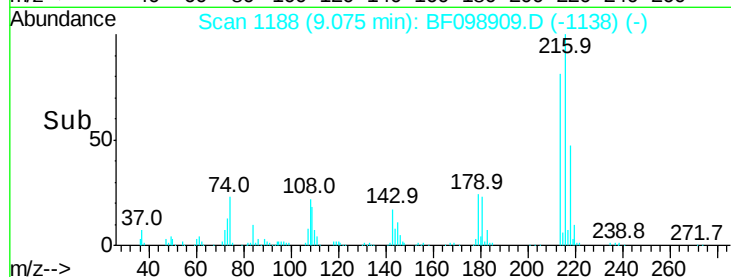
Tot Ion	Ratio	Resp	Lower	Upper
216	100	267291		
214	80.7	63.0	94.4	
179	23.0	18.1	27.1	
108	21.1	17.2	25.8	

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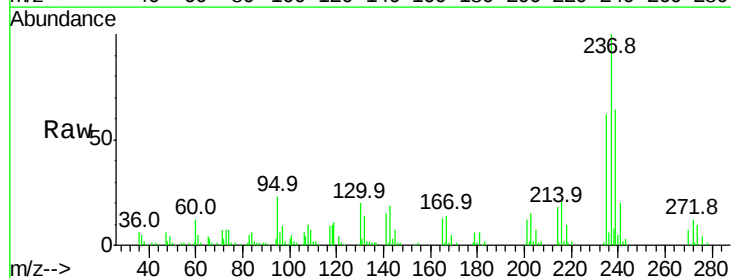


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

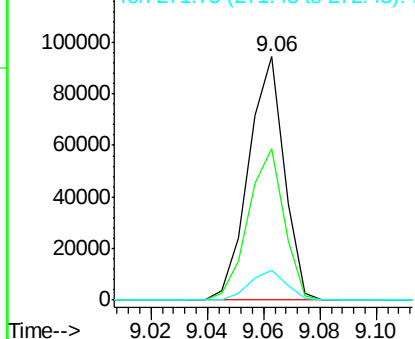
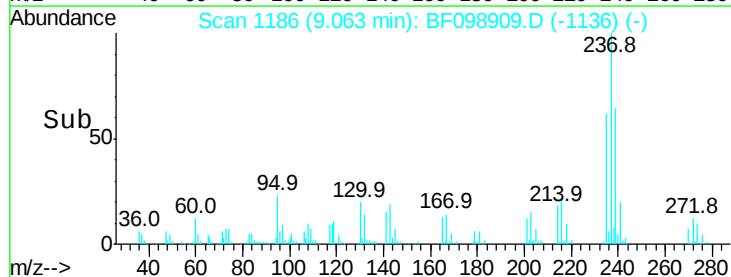


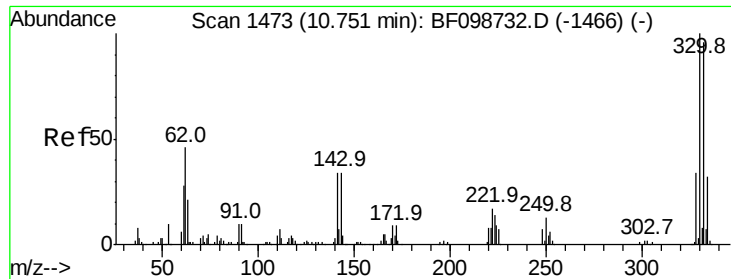
#40
 Hexachlorocyclopentadiene
 Concen: 25.919 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF098909.D
 Acq: 28 Sep 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	82564		
235	62.4	44.8	84.8	
272	12.4	0.0	33.3	



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





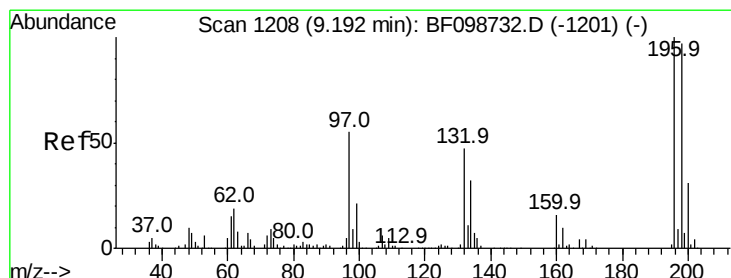
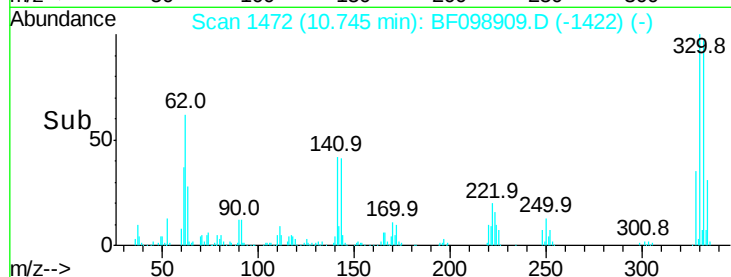
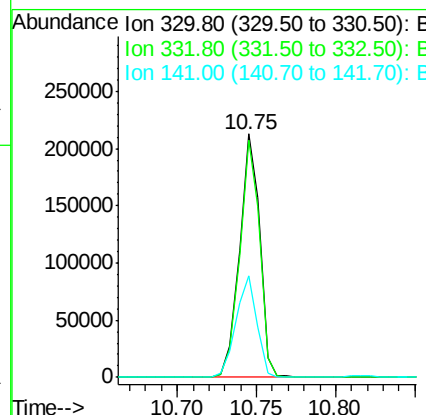
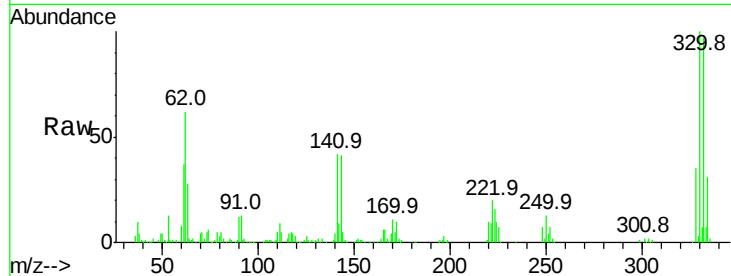
#41
 2,4,6-Tribromophenol
 Concen: 98.108 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098909.D
 Acq: 28 Sep 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-116-5B(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	187632		
332	96.7	77.0	115.6	
141	43.4	29.9	44.9	

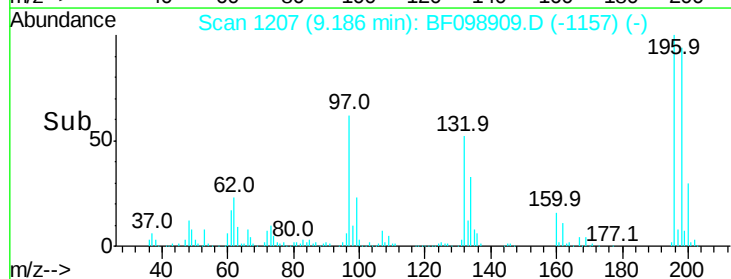
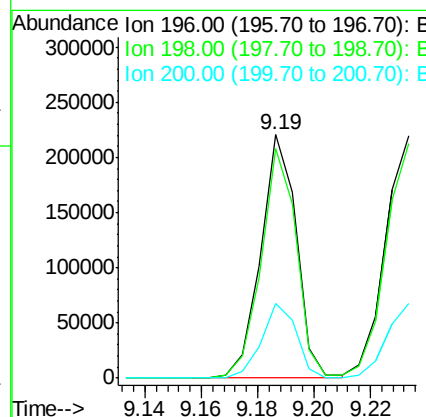
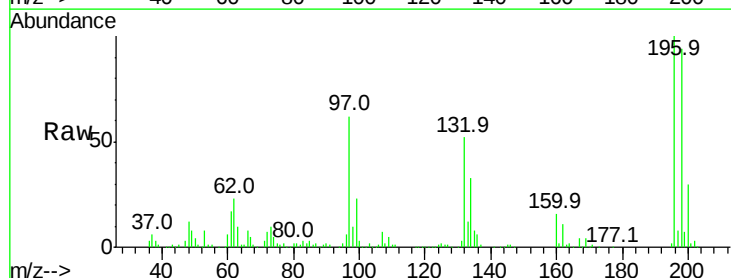
Manual Integrations
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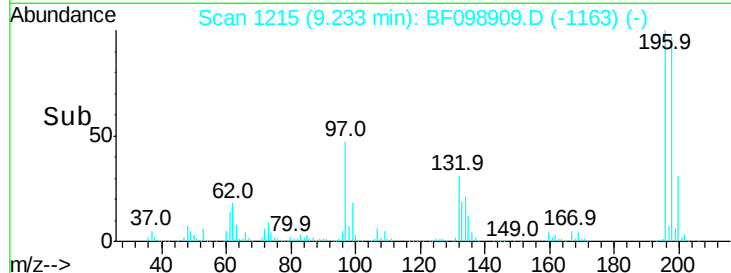
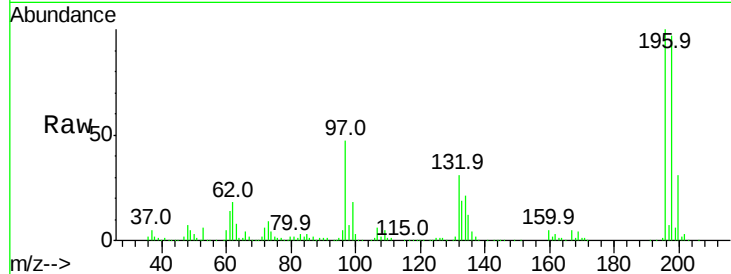
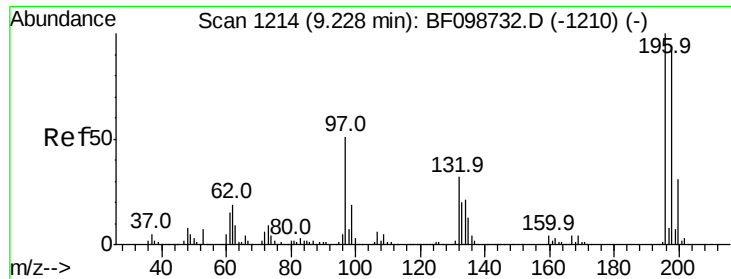
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#42
 2,4,6-Trichlorophenol
 Concen: 39.032 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF098909.D
 Acq: 28 Sep 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	192741		
198	94.2	75.7	113.5	
200	30.4	24.5	36.7	





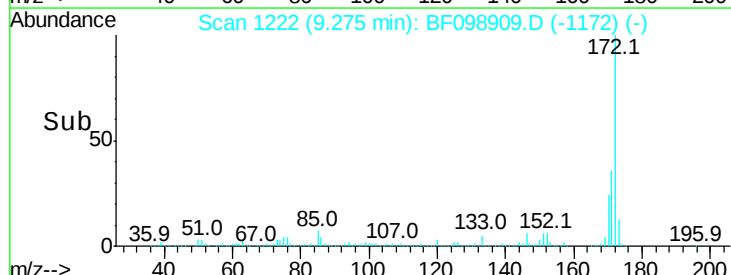
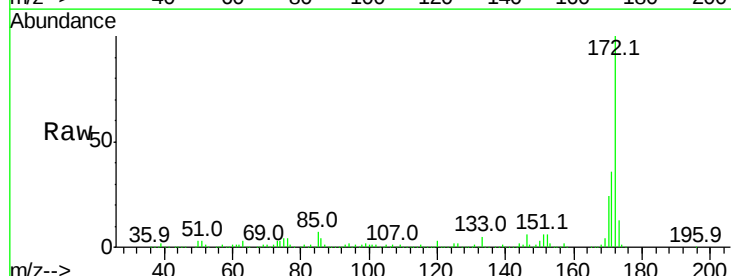
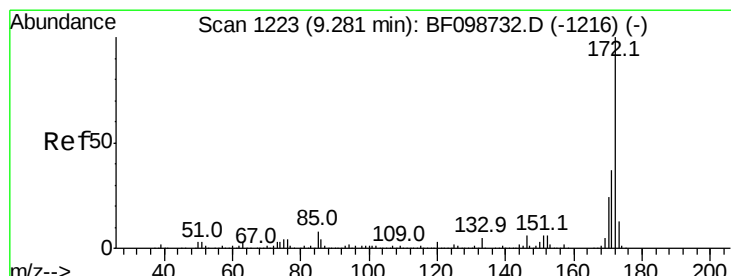
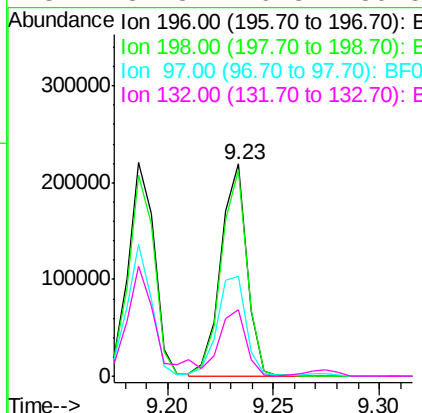
#43
2,4,5-Trichlorophenol
Concen: 38.206 ng
RT: 9.23 min Scan# 1215
Delta R.T. 0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Tot Ion	196	Resp	188331
Ion Ratio	Lower	Upper	
196	100		
198	97.0	74.6	112.0
97	47.2	42.9	64.3
132	31.3	26.3	39.5

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MS

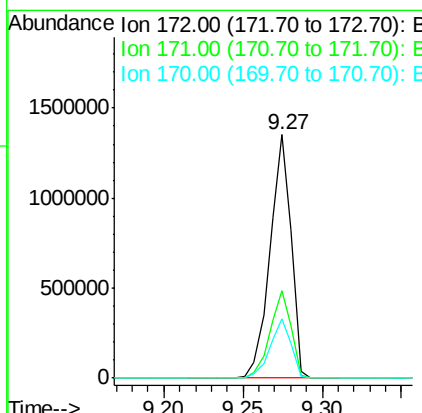
Manual Integrations
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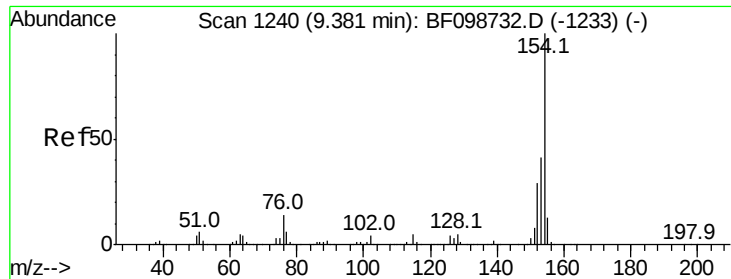
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#44
2-Fluorobiphenyl
Concen: 89.625 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Tgt Ion	172	Resp	1254786
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.7	44.5
170	24.3	19.6	29.4





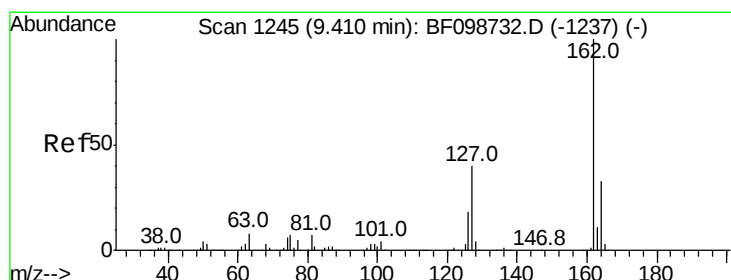
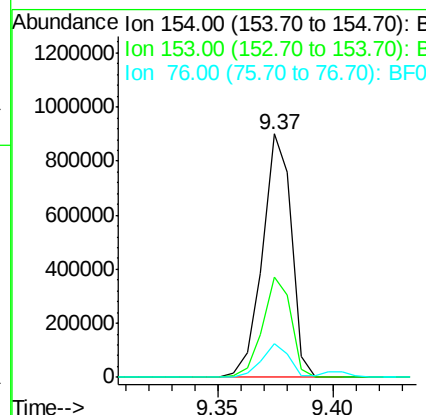
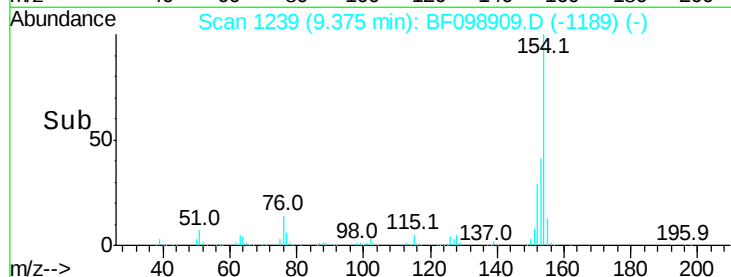
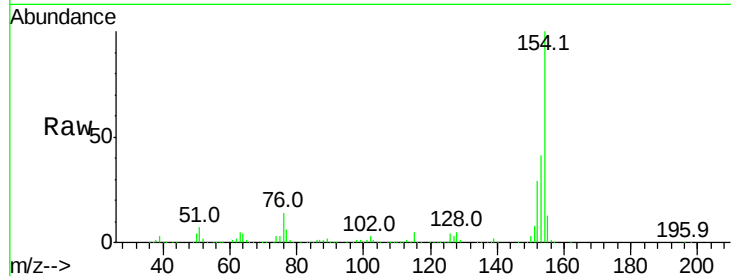
#45
 1,1'-Biphenyl
 Concen: 39.140 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF098909.D
 Acq: 28 Sep 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-116-5B(10-12)MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	13.9	0.0	34.0

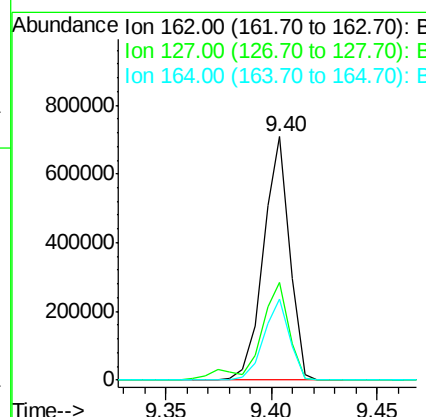
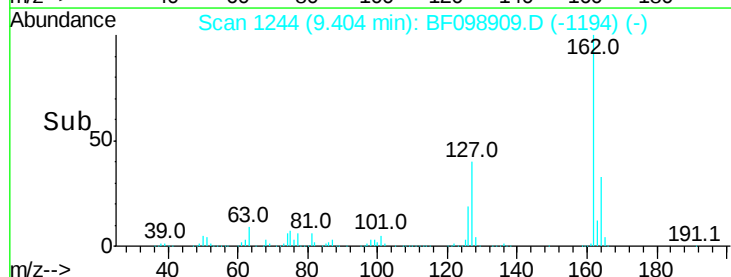
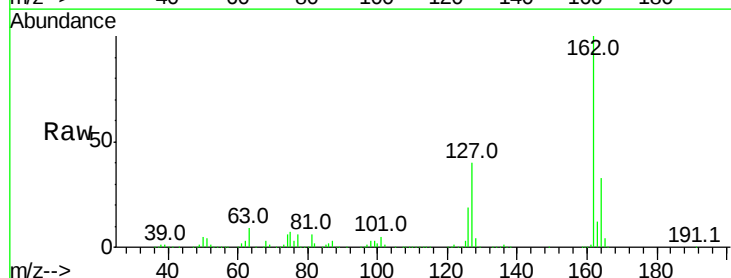
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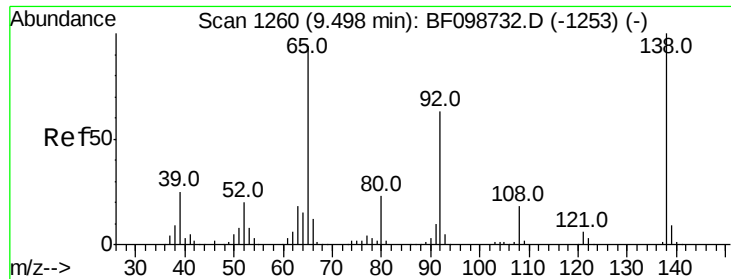
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#46
 2-Chloronaphthalene
 Concen: 40.311 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BF098909.D
 Acq: 28 Sep 2017 15:31

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.0	33.9	50.9
164	33.3	26.5	39.7





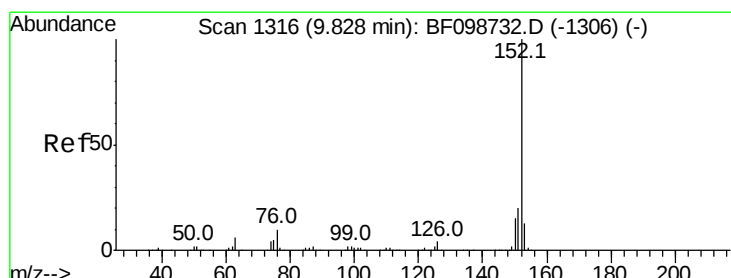
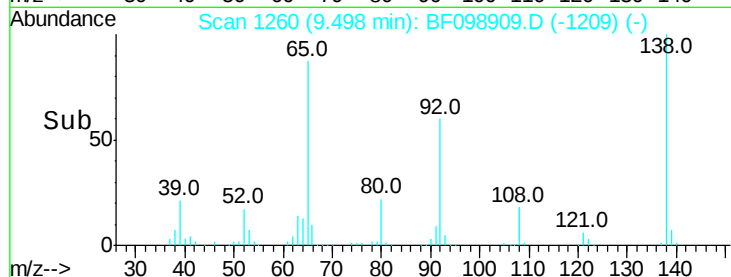
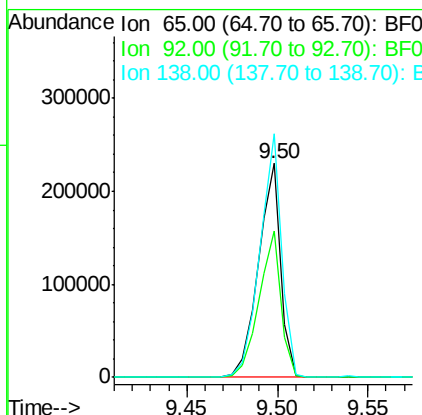
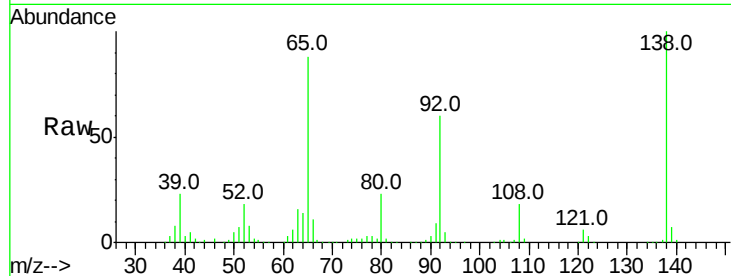
#47
2-Nitroaniline
Concen: 42.655 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.4	55.8	83.6
138	113.7	91.2	136.8

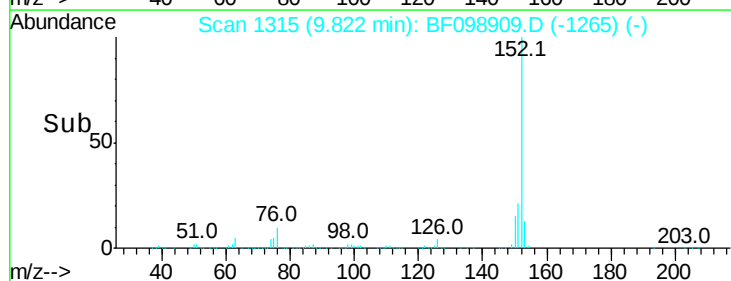
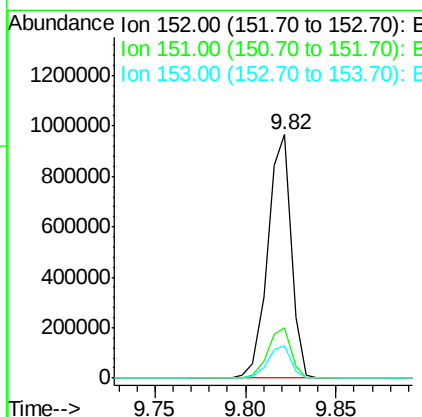
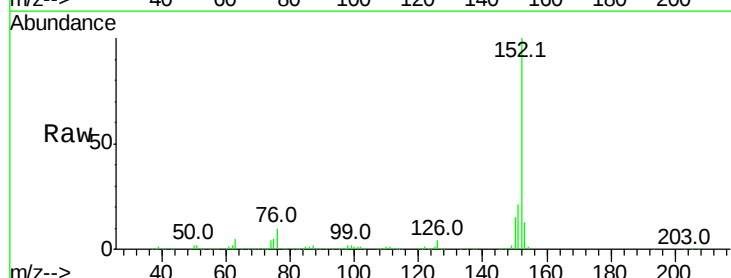
Manual Integrations
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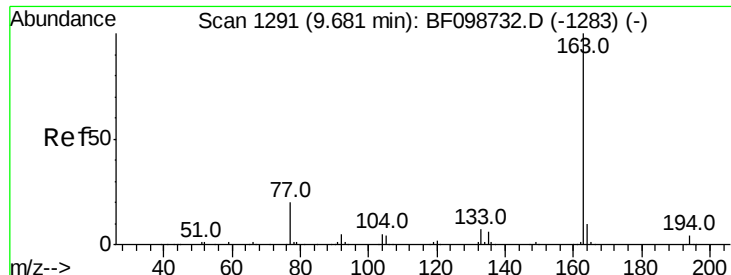
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#48
Acenaphthylene
Concen: 37.508 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.1	10.7	16.1





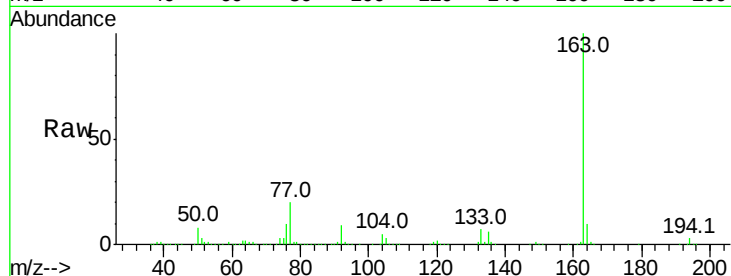
#49
Dimethylphthalate
Concen: 52.225 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MS

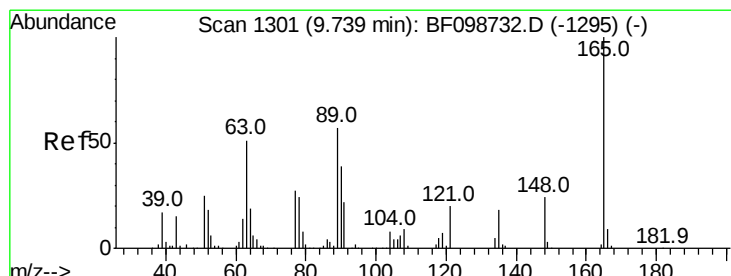
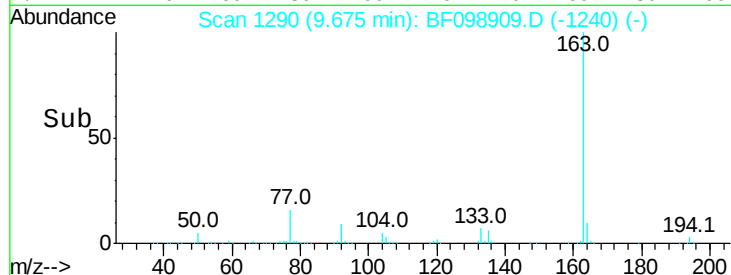
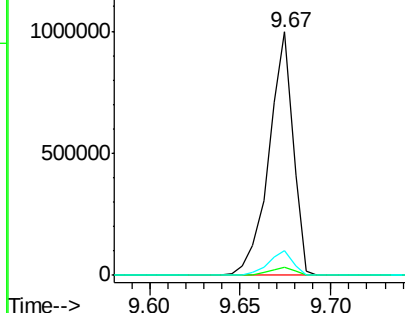
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.7	4.1	
164	10.2	8.2	12.2	

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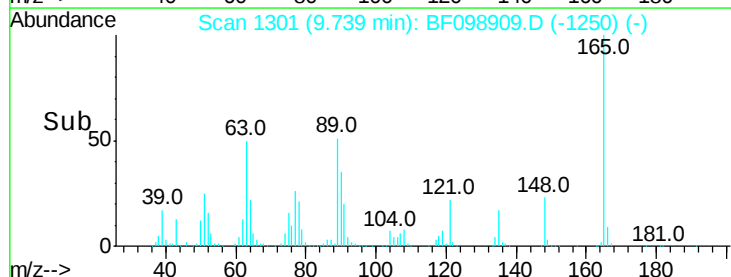
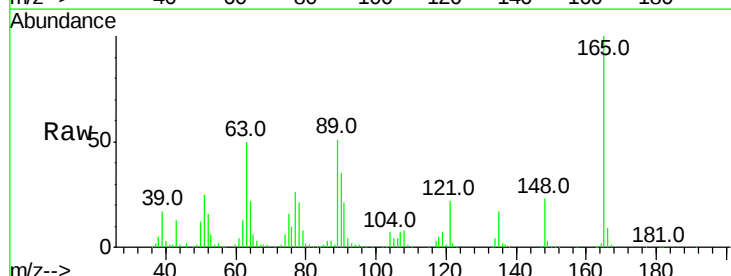
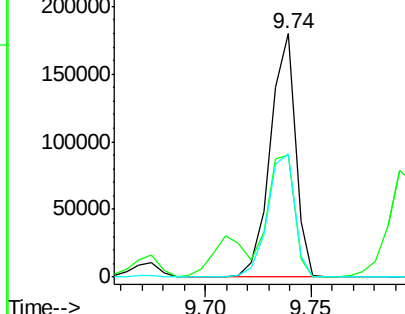
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

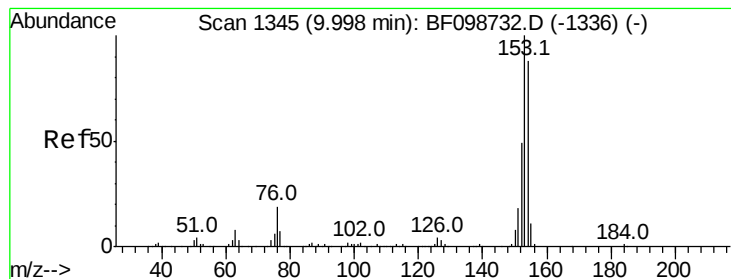


#50
2,6-Dinitrotoluene
Concen: 39.016 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.0	44.7	67.1	
89	50.8	44.0	66.0	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.437 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098909.D

Acq: 28 Sep 2017 15:31

Instrument :

BNA_F

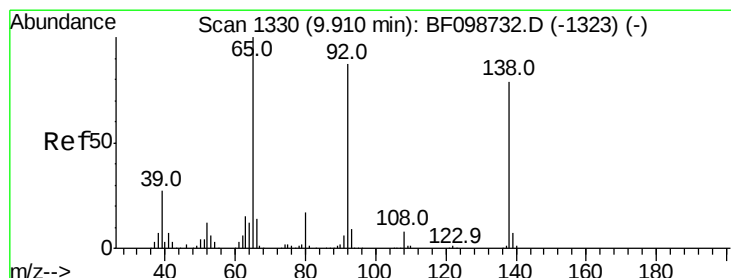
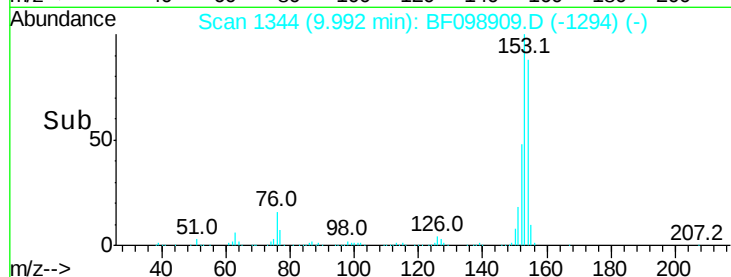
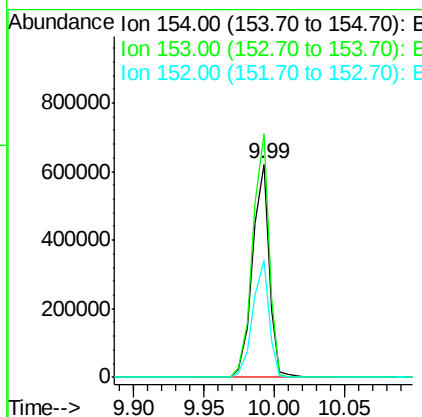
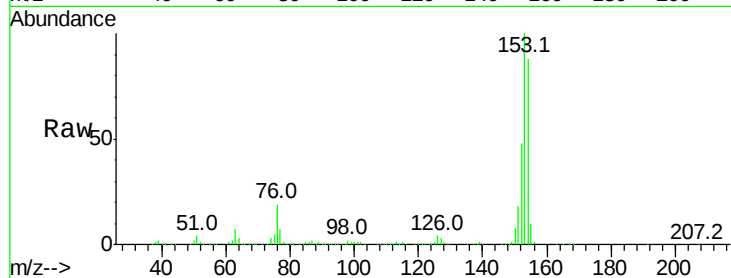
ClientSampleId :

SASP2P-EPE-116-5B(10-12)MS

Tot Ion:	154	Resp:	518272
Ion Ratio	Lower	Upper	
154	100		
153	114.1	91.2	136.8
152	54.7	43.8	65.8

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#52

3-Nitroaniline

Concen: 32.442 ng

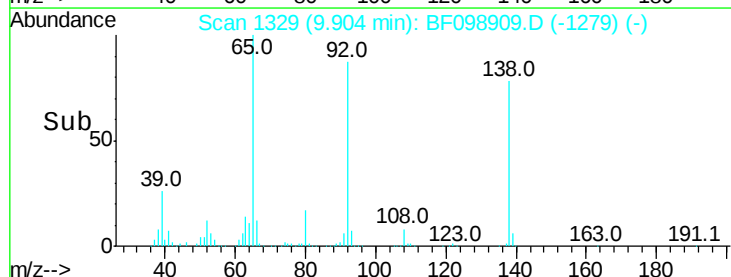
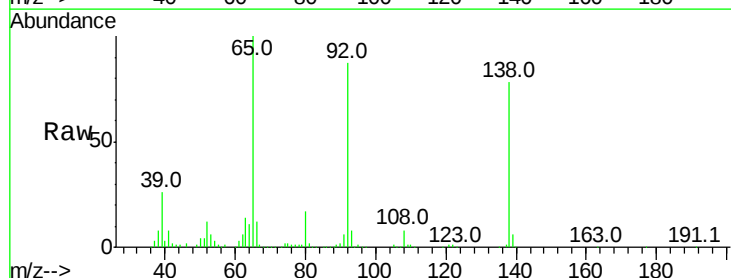
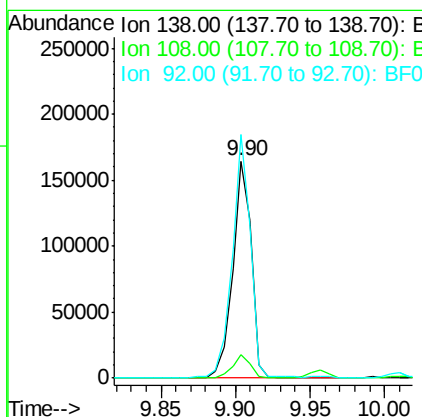
RT: 9.90 min Scan# 1329

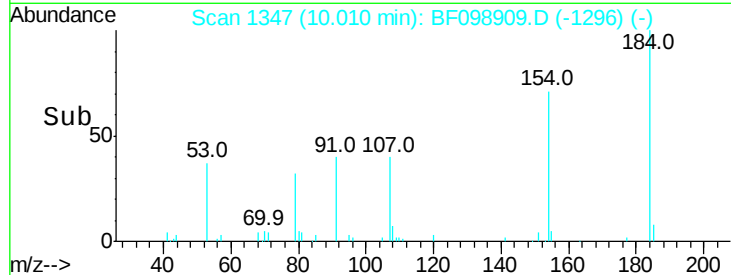
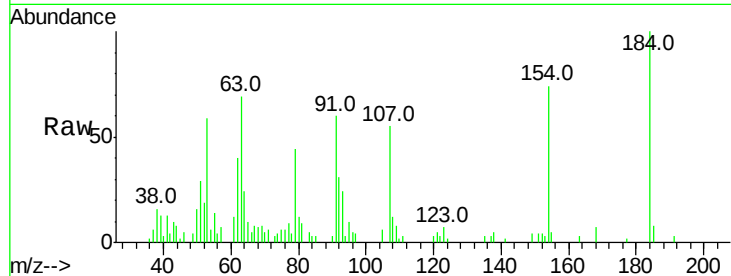
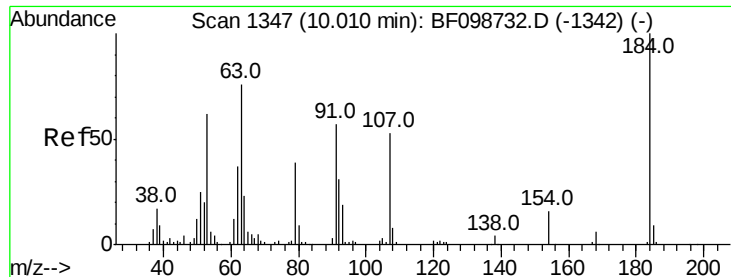
Delta R.T. -0.01 min

Lab File: BF098909.D

Acq: 28 Sep 2017 15:31

Tgt Ion:	138	Resp:	145272
Ion Ratio	Lower	Upper	
138	100		
108	10.8	9.4	14.0
92	112.2	89.4	134.2





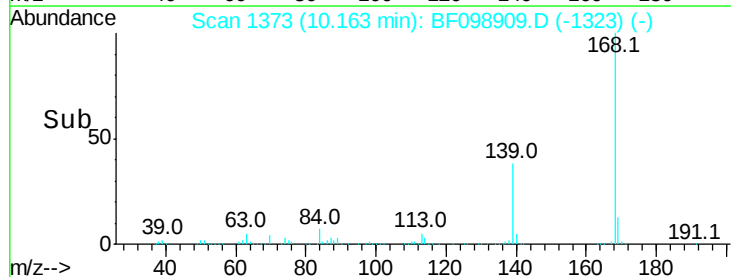
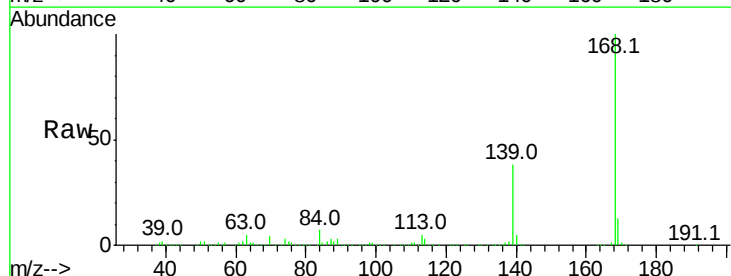
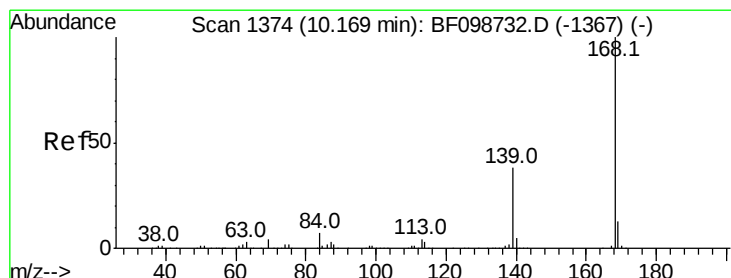
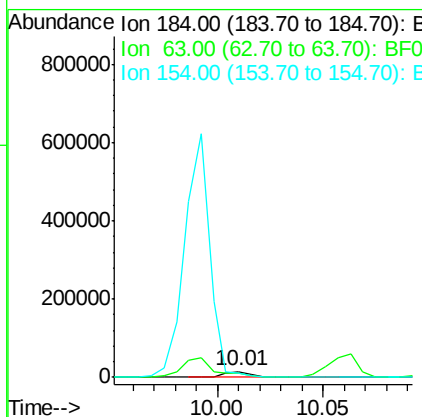
#53
2,4-Dinitrophenol
Concen: 11.472 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	69.1	54.2	81.2	
154	73.5	53.5	80.3	

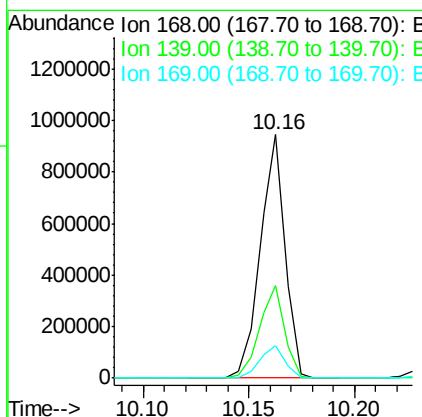
Manual Integrations
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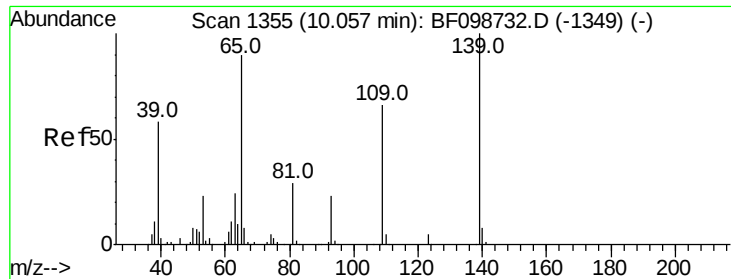
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#54
Dibenzofuran
Concen: 39.551 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.2	30.1	45.1	
169	13.3	10.9	16.3	





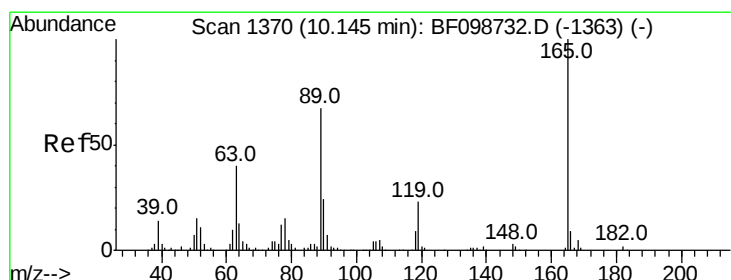
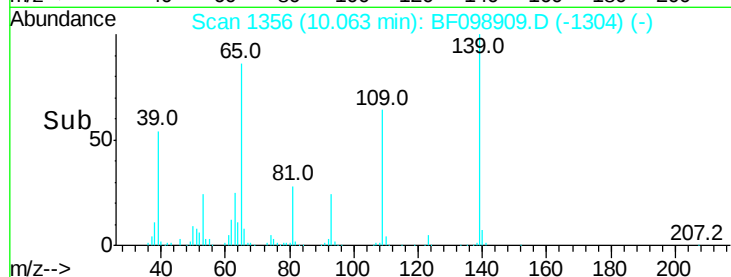
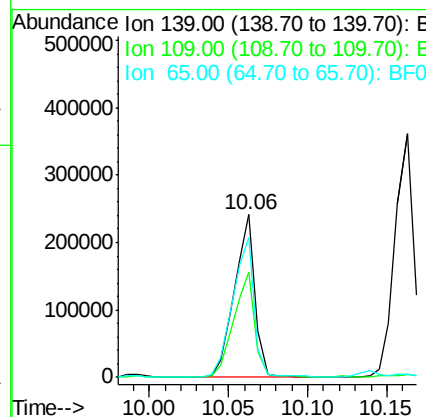
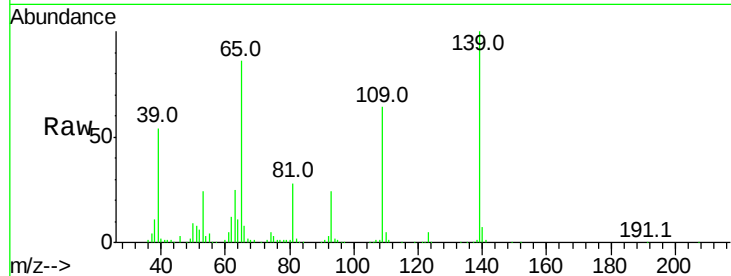
#55
4-Nitrophenol
Concen: 57.735 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	64.5	48.4	88.4	
65	86.2	72.6	112.6	

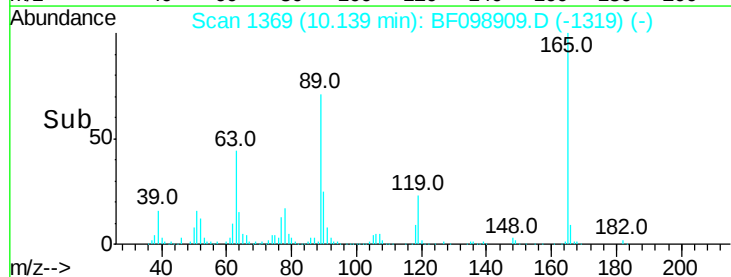
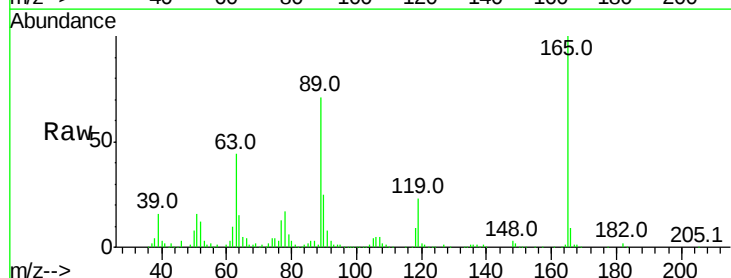
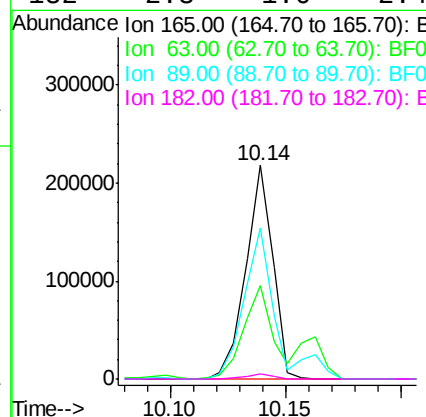
Manual Integrations
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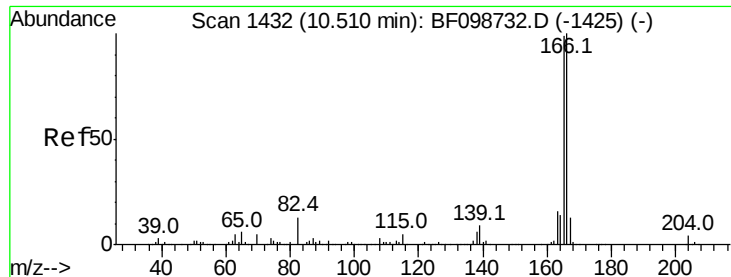
Sohil
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#56
2,4-Dinitrotoluene
Concen: 35.813 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.6	36.4	54.6	
89	70.5	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 35.888 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF098909.D

Acq: 28 Sep 2017 15:31

Instrument :

BNA_F

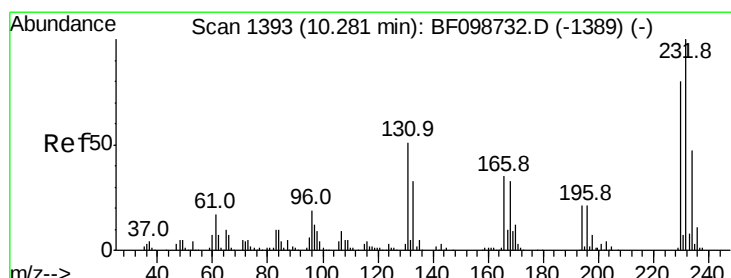
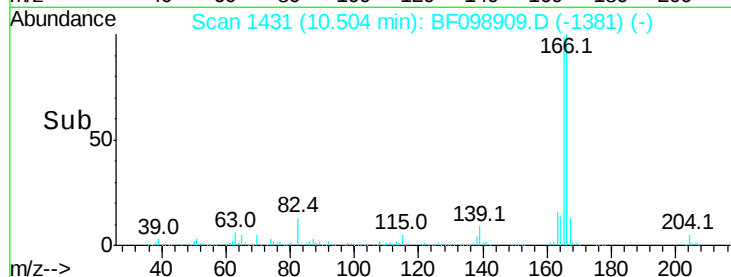
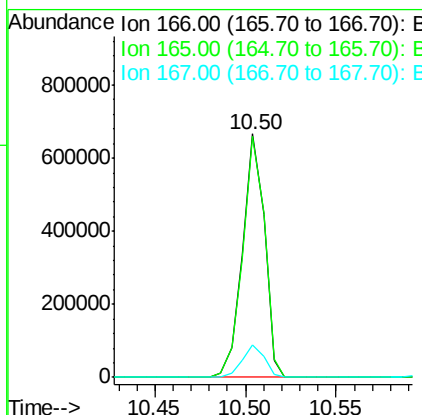
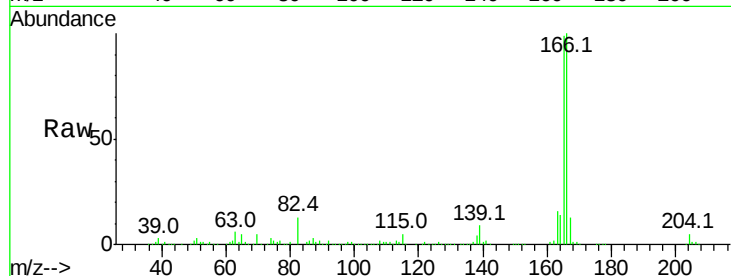
ClientSampleId :

SASP2P-EPE-116-5B(10-12)MS

Tot Ion:	166	Resp:	561692
Ion Ratio	Lower	Upper	
166	100		
165	99.1	79.8	119.8
167	13.4	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 37.828 ng

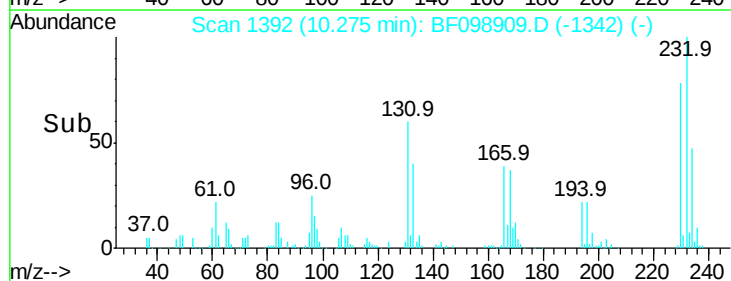
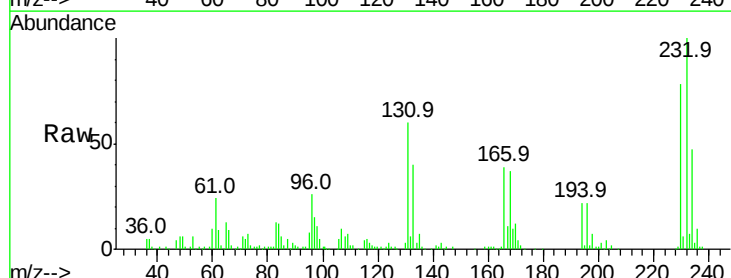
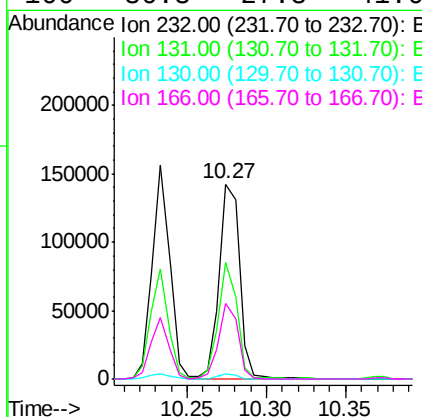
RT: 10.27 min Scan# 1392

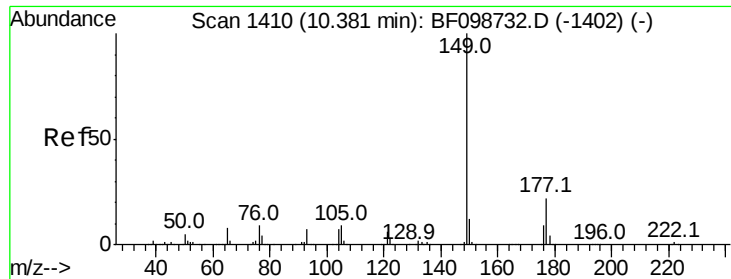
Delta R.T. -0.01 min

Lab File: BF098909.D

Acq: 28 Sep 2017 15:31

Tgt Ion:	232	Resp:	128810
Ion Ratio	Lower	Upper	
232	100		
131	55.0	43.8	65.8
130	2.6	2.1	3.1
166	36.3	27.8	41.6





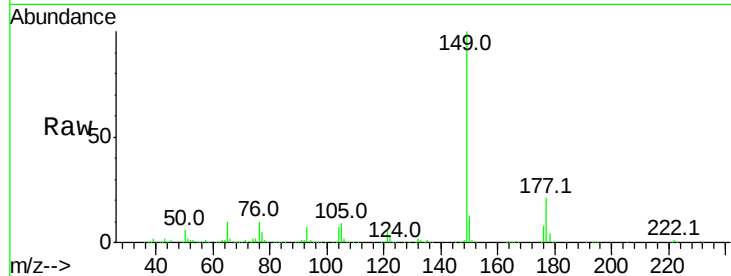
#59
Diethylphthalate
Concen: 39.041 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MS

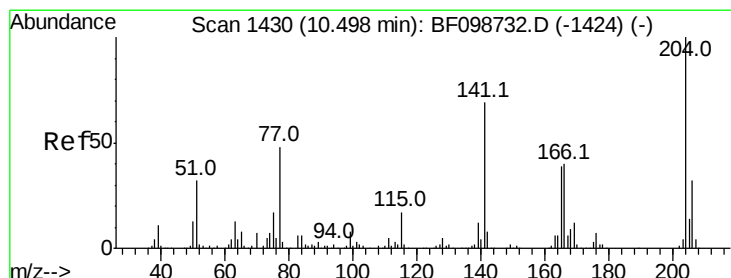
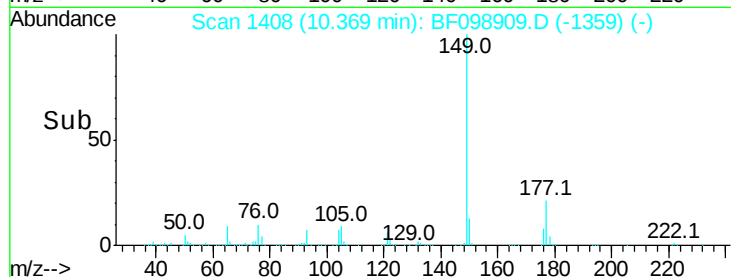
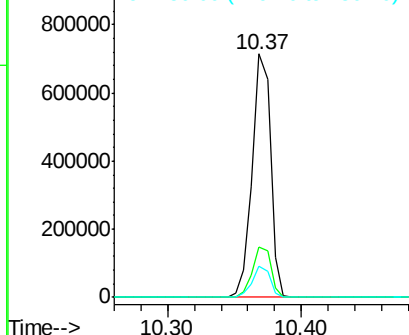
Tot Ion	Ratio	Resp	Lower	Upper
149	100	672956		
177	20.6	16.1	24.1	
150	12.9	10.1	15.1	

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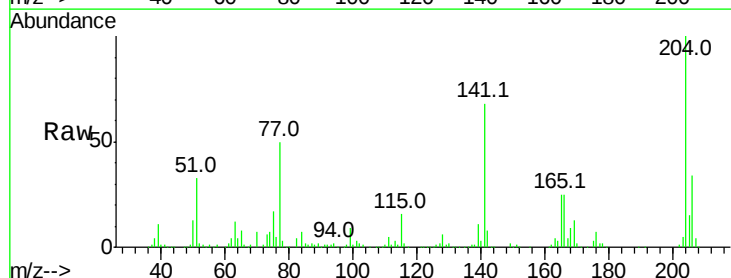


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

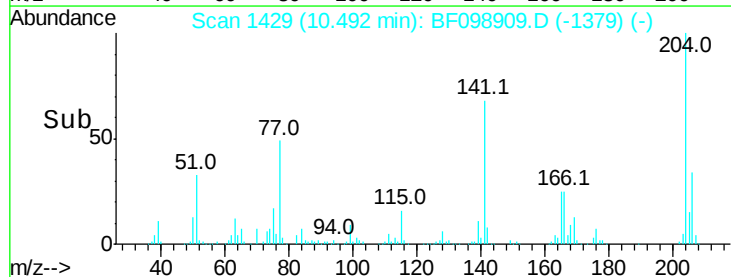
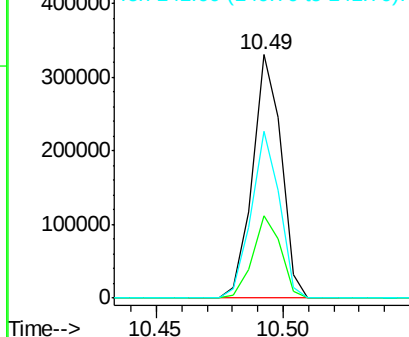


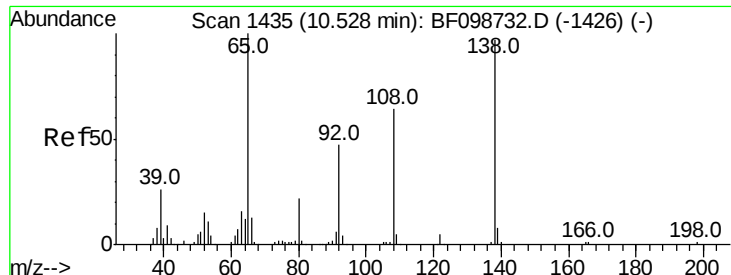
#60
4-Chlorophenyl-phenylether
Concen: 37.229 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	261741		
206	33.7	26.5	39.7	
141	68.4	54.6	81.8	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





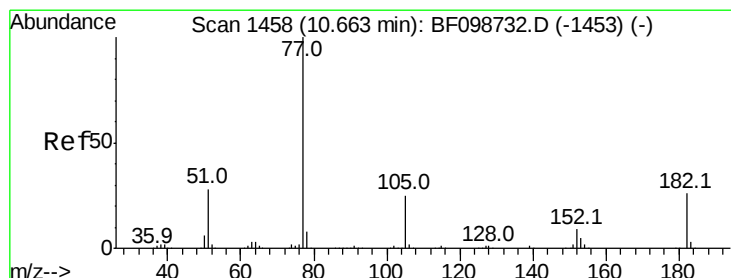
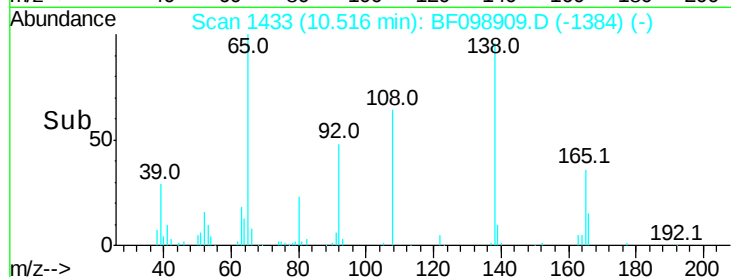
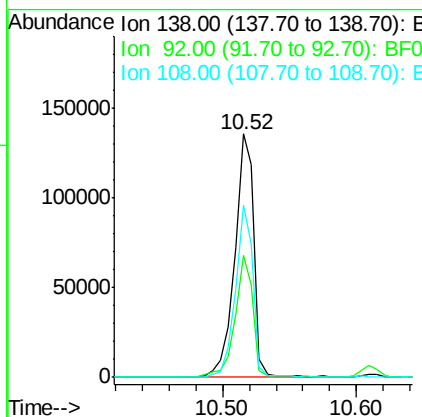
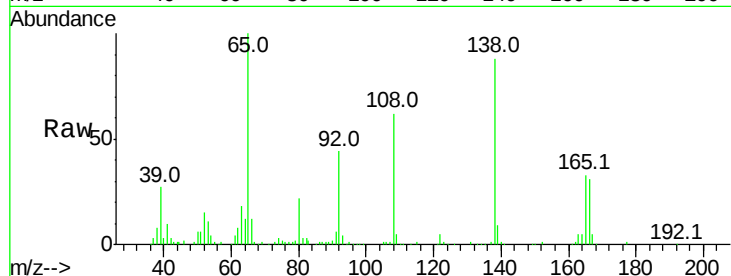
#61
4-Nitroaniline
Concen: 31.554 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	136316		
92	50.3	30.2	70.2	
108	70.9	52.5	92.5	

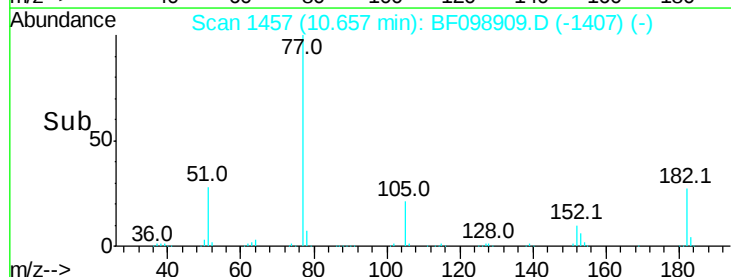
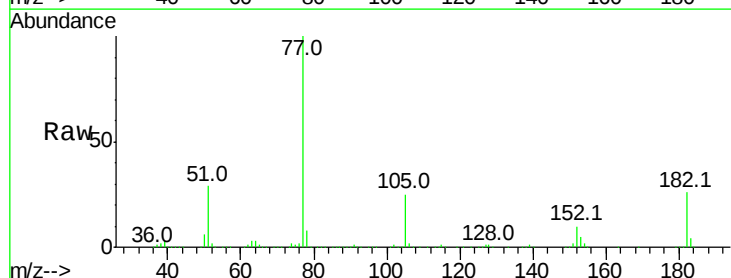
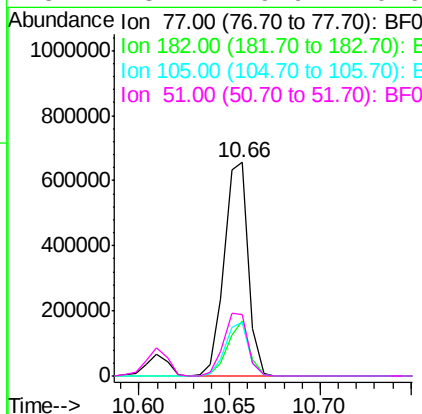
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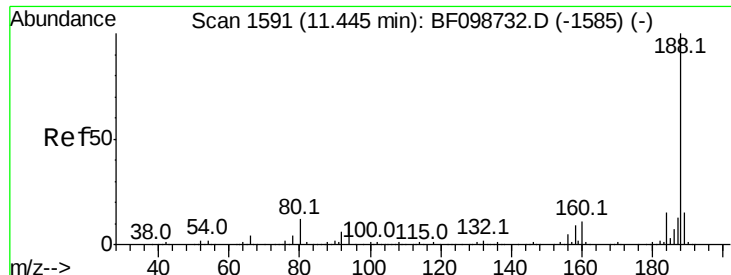
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#62
Azobenzene
Concen: 38.194 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	605334		
182	26.1	1.7	41.7	
105	25.2	3.0	43.0	
51	28.7	9.9	49.9	





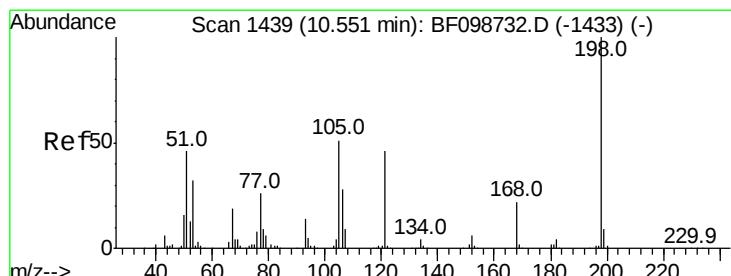
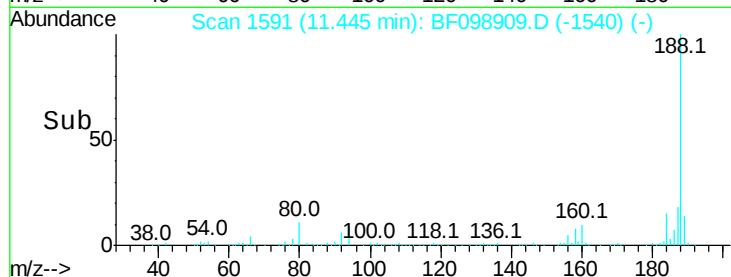
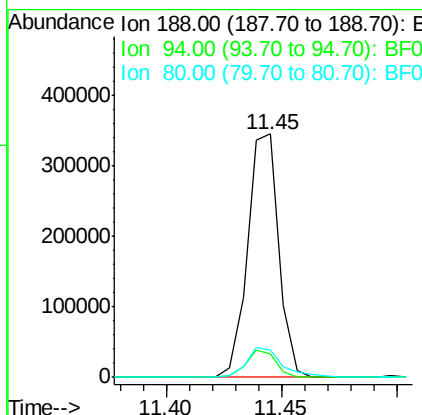
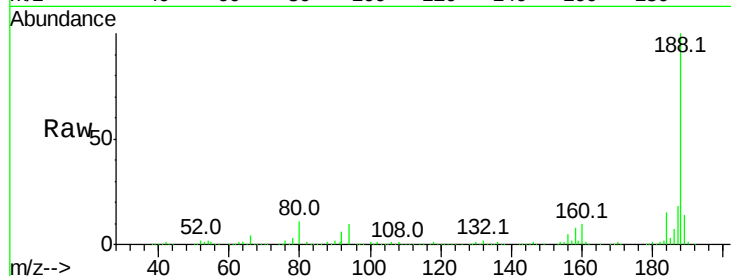
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BF098909.D
 Acq: 28 Sep 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-116-5B(10-12)MS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.7	8.5	12.7
80	11.0	9.2	13.8

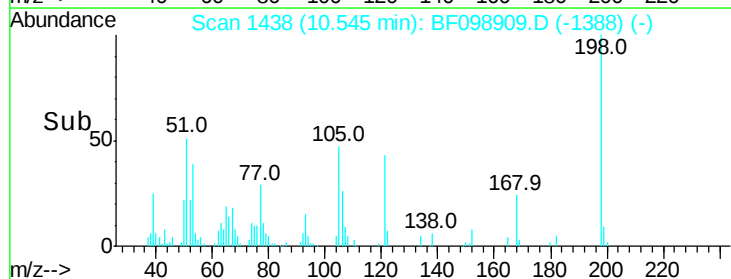
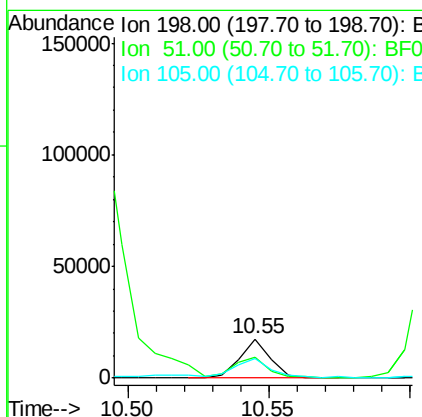
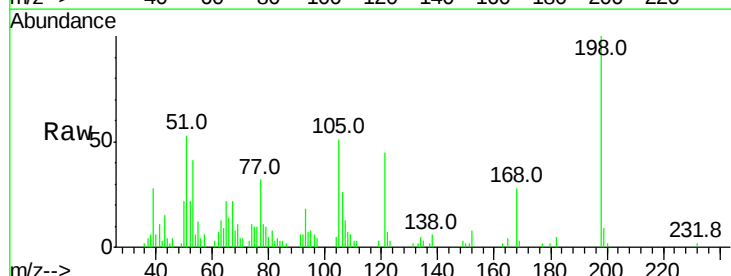
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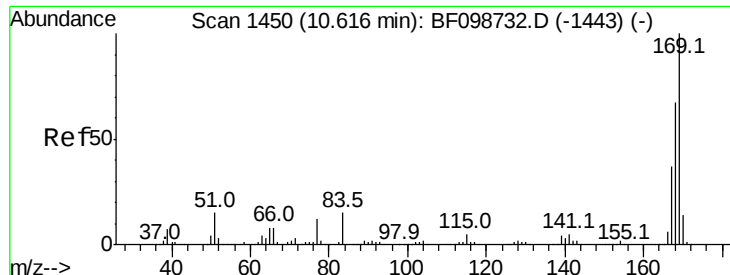
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.675 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF098909.D
 Acq: 28 Sep 2017 15:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	53.3	37.7	77.7
105	50.7	36.3	76.3





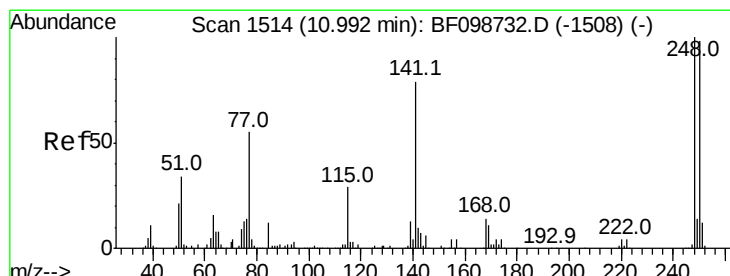
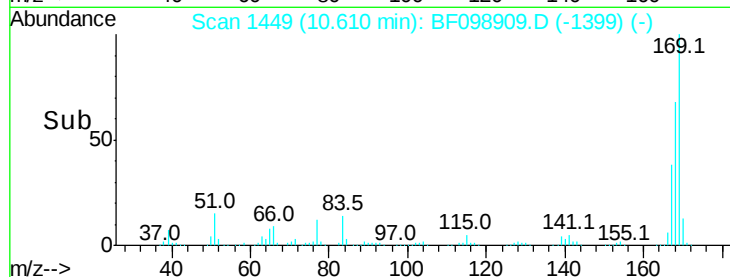
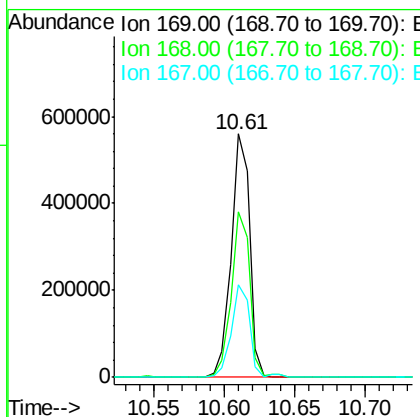
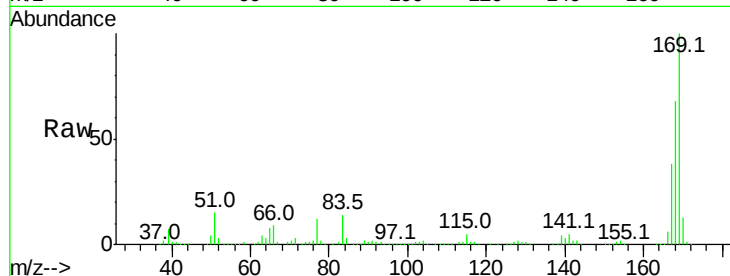
#65
n-Nitrosodiphenylamine
Concen: 44.872 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	507442		
168	67.9		54.4	81.6
167	37.8		29.8	44.6

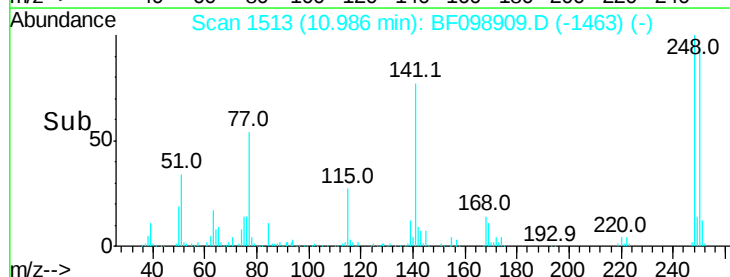
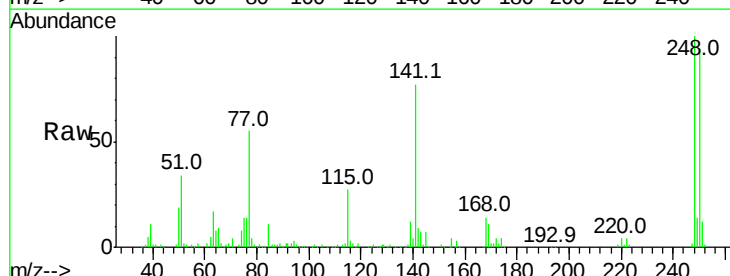
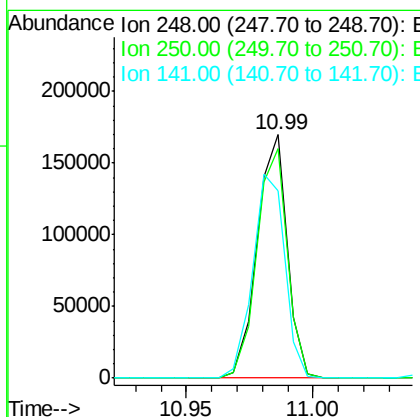
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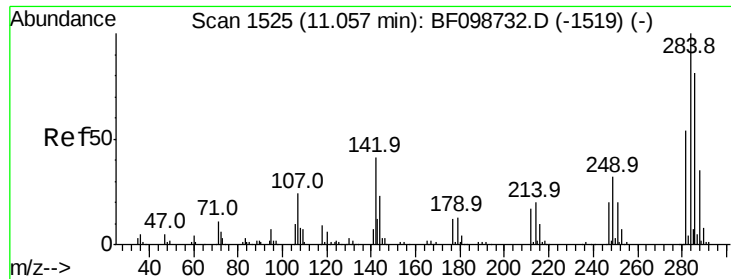
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#66
4-Bromophenyl-phenylether
Concen: 44.047 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	140740		
250	94.2		76.9	115.3
141	76.7		74.4	111.6





#67

Hexachlorobenzene

Concen: 38.201 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BF098909.D

Acq: 28 Sep 2017 15:31

Instrument :

BNA_F

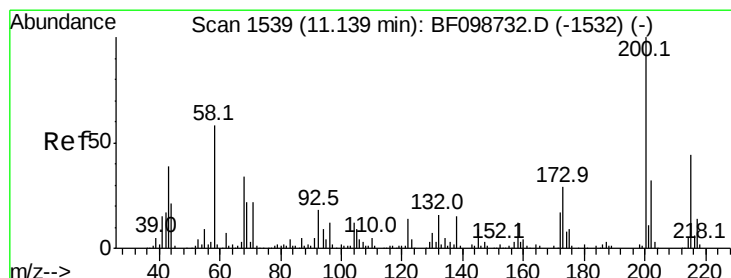
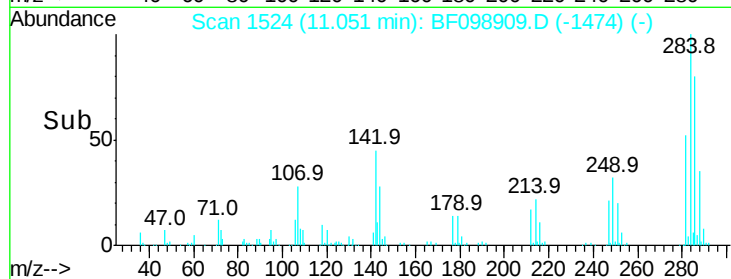
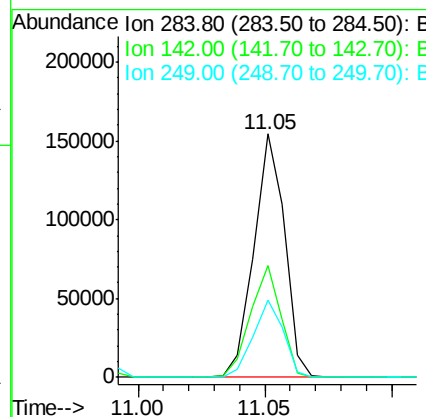
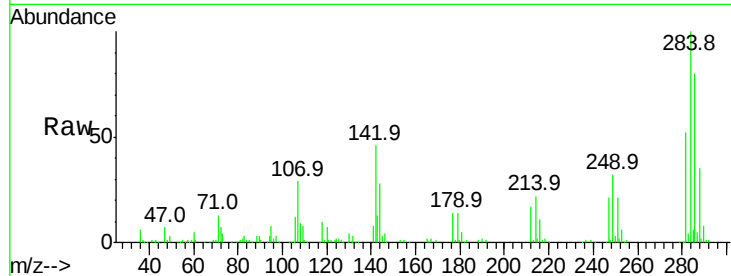
ClientSampleId :

SASP2P-EPE-116-5B(10-12)MS

Tot Ion:	284	Resp:	130368
Ion Ratio	Lower	Upper	
284	100		
142	45.9	34.6	52.0
249	31.7	24.8	37.2

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#68

Atrazine

Concen: 41.457 ng

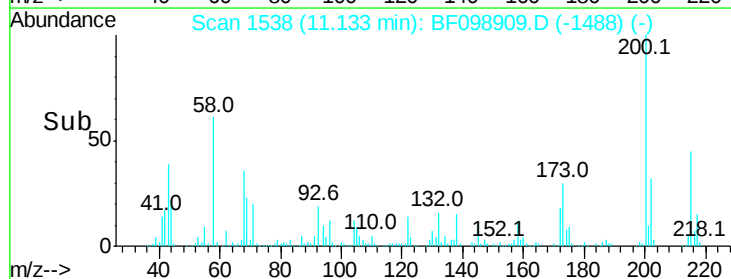
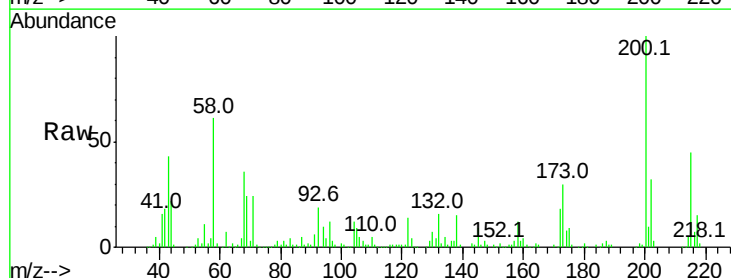
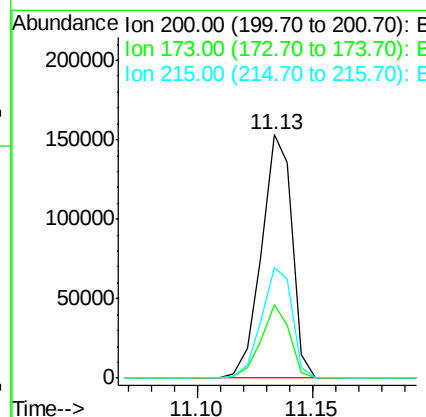
RT: 11.13 min Scan# 1538

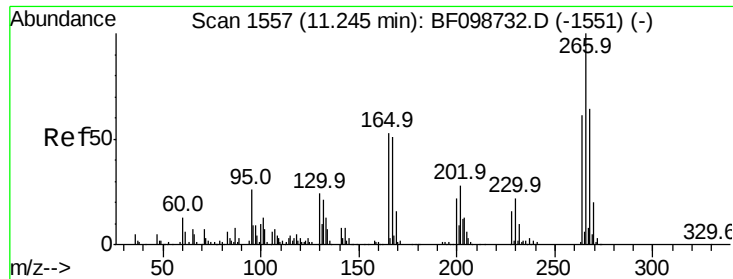
Delta R.T. -0.01 min

Lab File: BF098909.D

Acq: 28 Sep 2017 15:31

Tgt Ion:	200	Resp:	141053
Ion Ratio	Lower	Upper	
200	100		
173	29.9	8.6	48.6
215	45.3	25.1	65.1





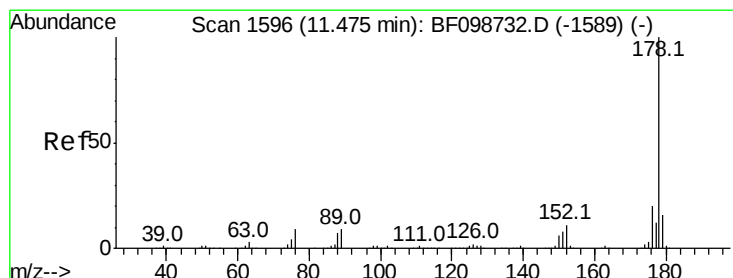
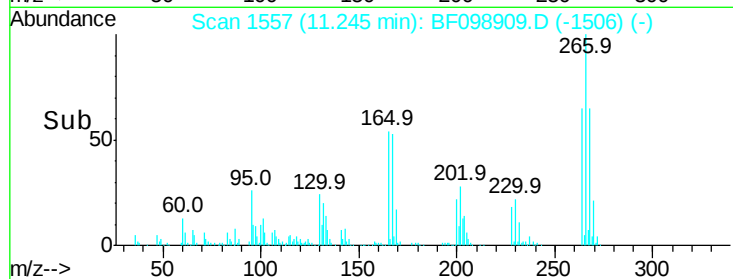
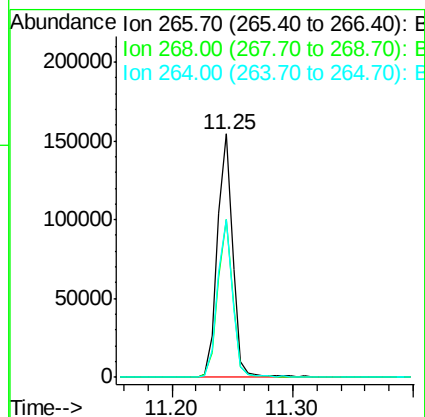
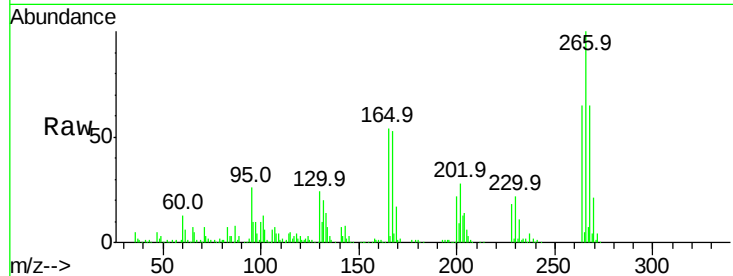
#69
 Pentachlorophenol
 Concen: 62.834 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: BF098909.D
 Acq: 28 Sep 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-116-5B(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	133452		
268	64.7	51.1	76.7	
264	64.9	49.5	74.3	

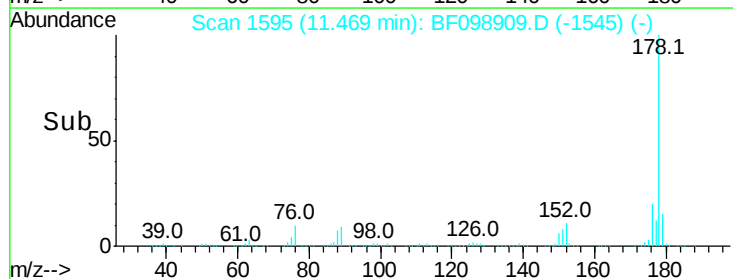
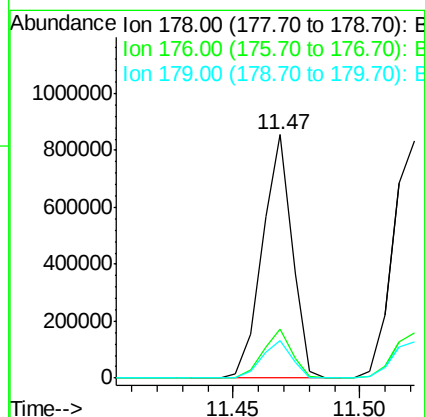
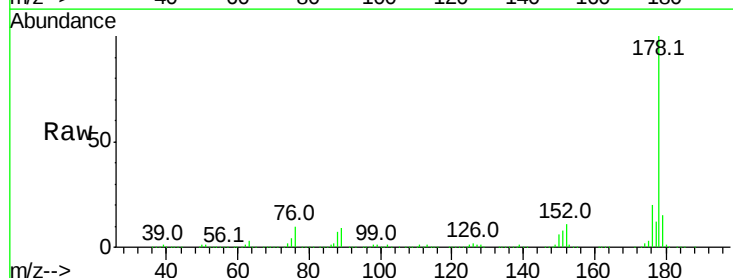
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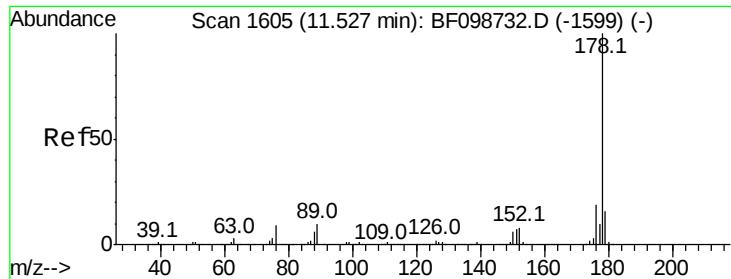
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#70
 Phenanthrene
 Concen: 40.082 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF098909.D
 Acq: 28 Sep 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	700355		
176	19.9	15.8	23.8	
179	15.4	13.0	19.6	





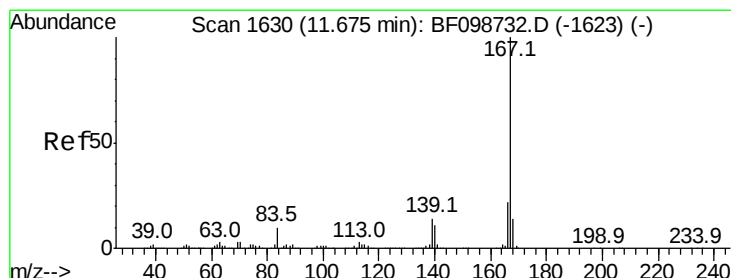
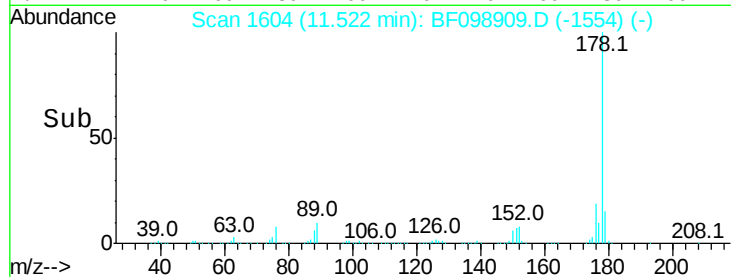
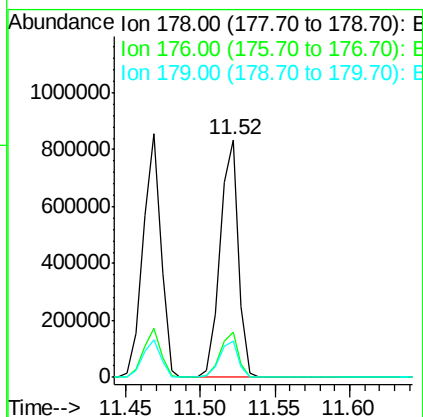
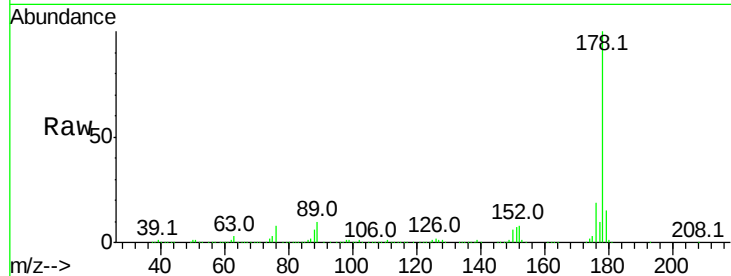
#71
 Anthracene
 Concen: 40.253 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF098909.D
 Acq: 28 Sep 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-116-5B(10-12)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.2	12.6	19.0

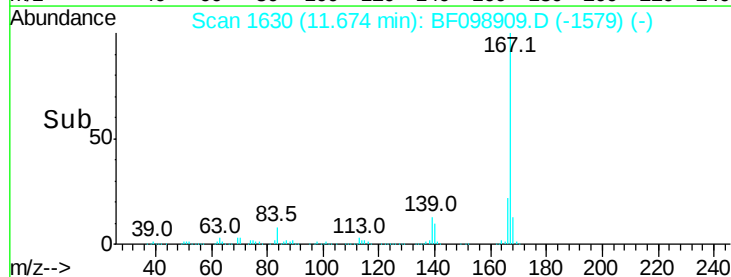
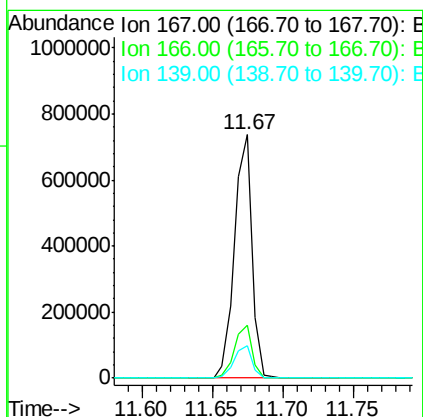
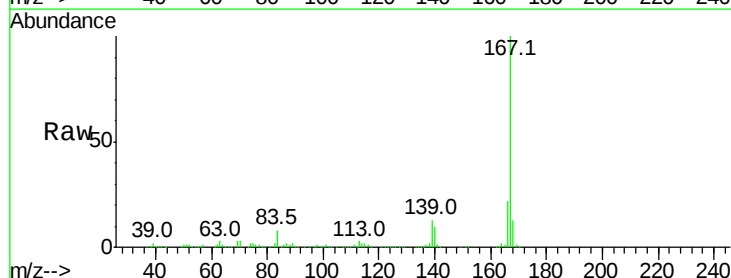
Manual Integrations
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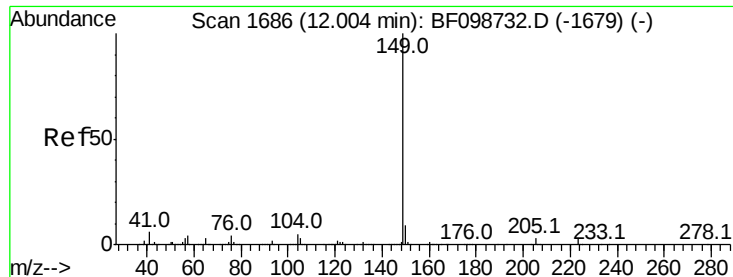
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#72
 Carbazole
 Concen: 36.714 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BF098909.D
 Acq: 28 Sep 2017 15:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	13.1	10.9	16.3





#73

Di-n-butylphthalate

Concen: 40.820 ng

RT: 12.00 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BF098909.D

Acq: 28 Sep 2017 15:31

Instrument :

BNA_F

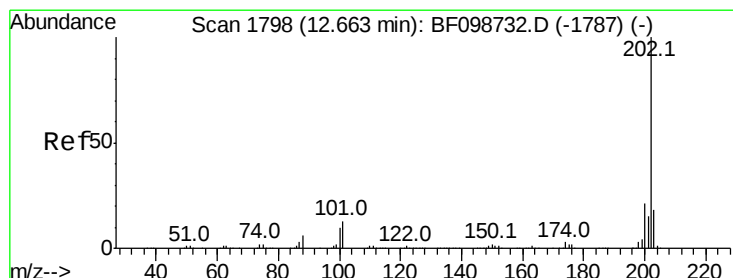
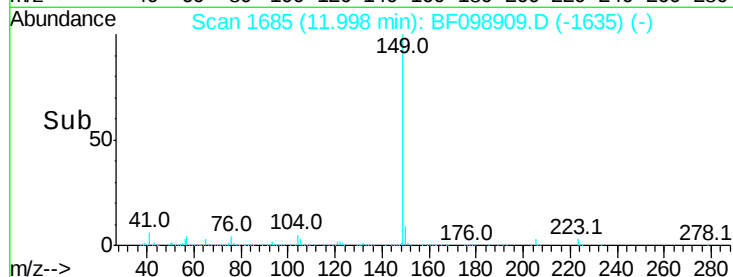
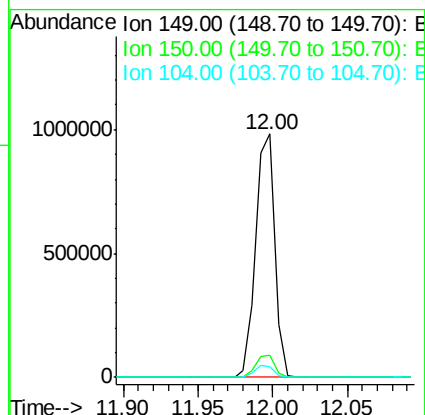
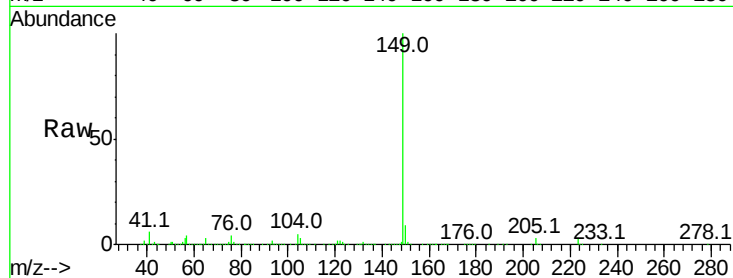
ClientSampleId :

SASP2P-EPE-116-5B(10-12)MS

Tot Ion:	149	Resp:	860226
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.6	3.8	5.8

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#74

Fluoranthene

Concen: 38.875 ng

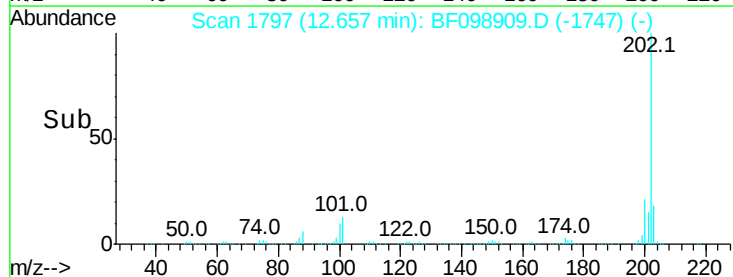
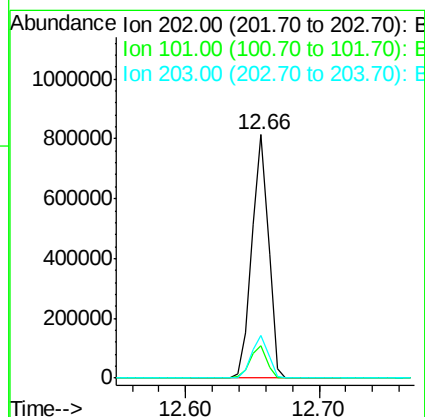
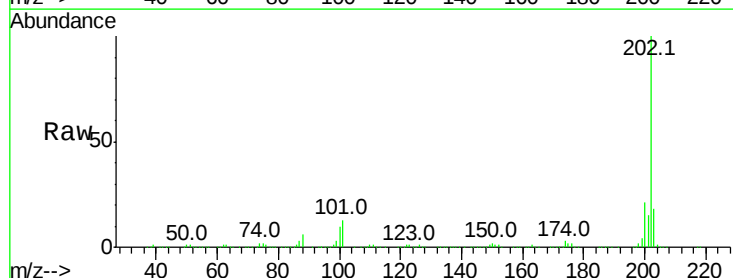
RT: 12.66 min Scan# 1797

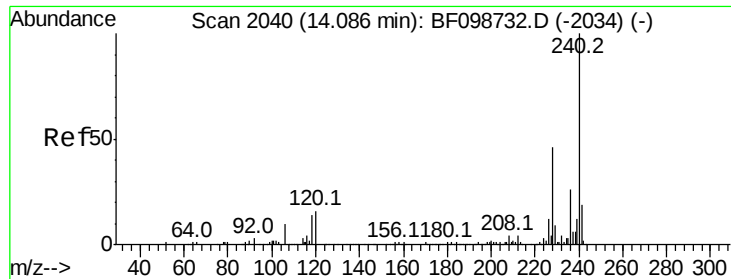
Delta R.T. -0.01 min

Lab File: BF098909.D

Acq: 28 Sep 2017 15:31

Tgt Ion:	202	Resp:	687834
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF098909.D

Acq: 28 Sep 2017 15:31

Instrument :

BNA_F

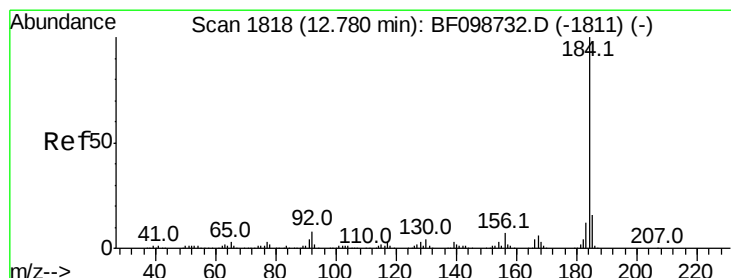
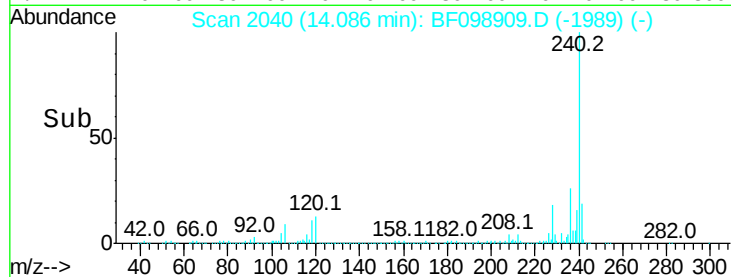
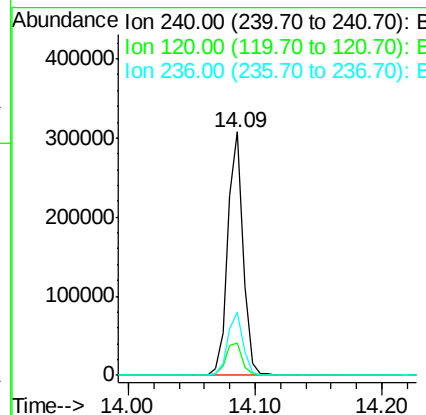
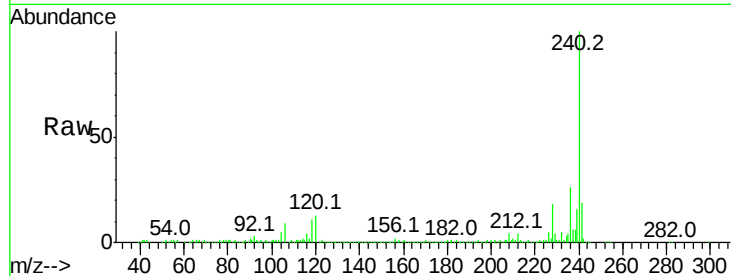
ClientSampleId :

SASP2P-EPE-116-5B(10-12)MS

Tot Ion:	240	Resp:	258947
Ion Ratio	Lower	Upper	
240	100		
120	13.3	9.5	14.3
236	26.1	20.7	31.1

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#76

Benzidine

Concen: 5.689 ng

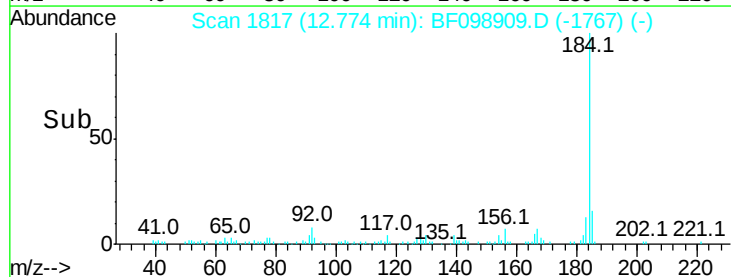
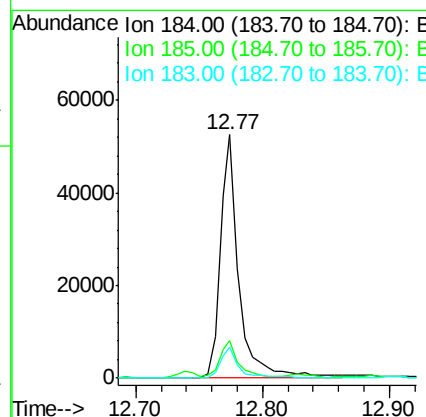
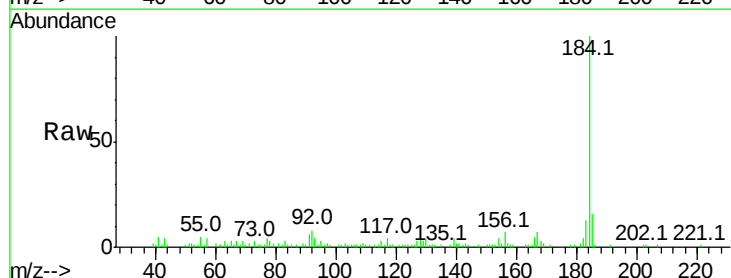
RT: 12.77 min Scan# 1817

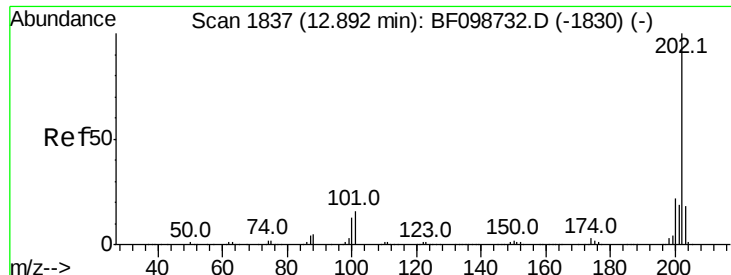
Delta R.T. -0.01 min

Lab File: BF098909.D

Acq: 28 Sep 2017 15:31

Tgt Ion:	184	Resp:	54490
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.6	18.8
183	12.5	9.3	13.9





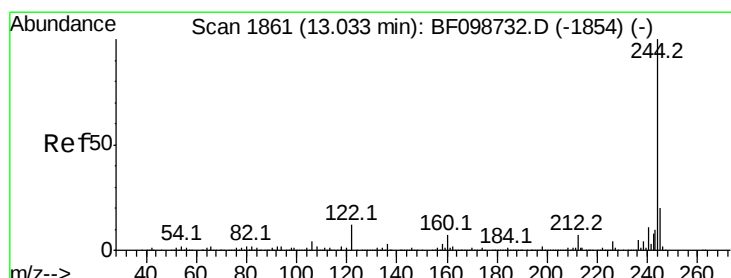
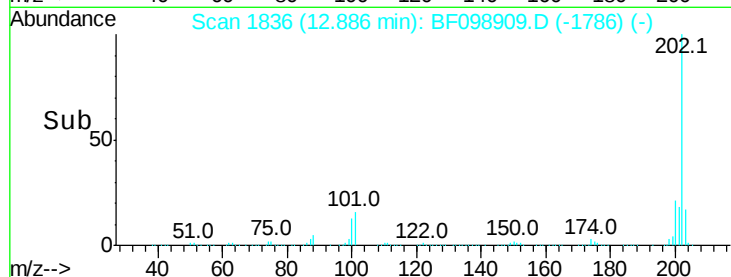
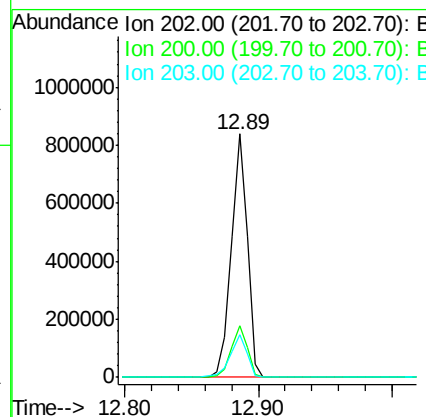
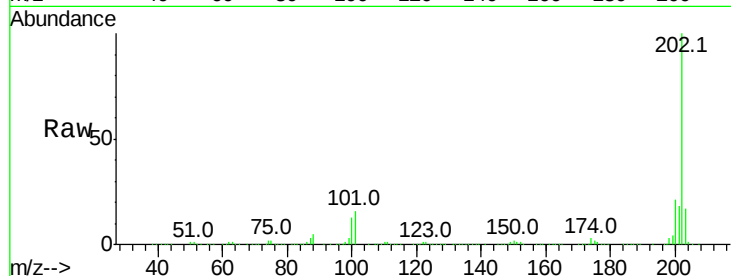
#77
Pvrene
Concen: 36.313 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	717026		
200	21.4		17.4	26.2
203	17.4		14.3	21.5

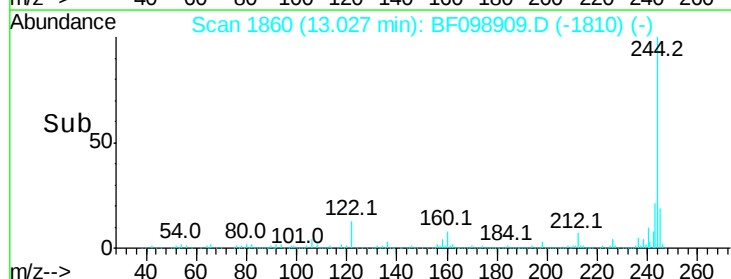
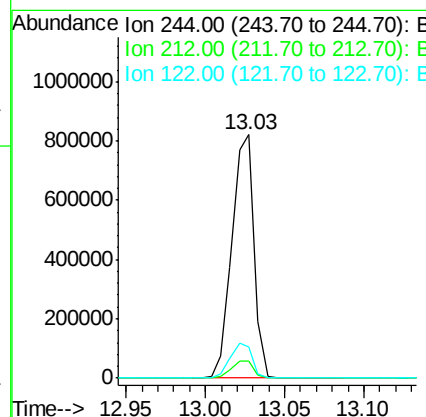
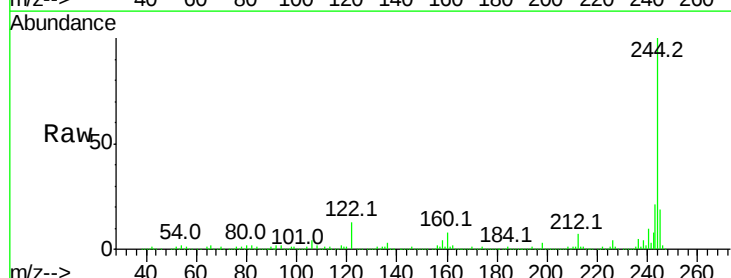
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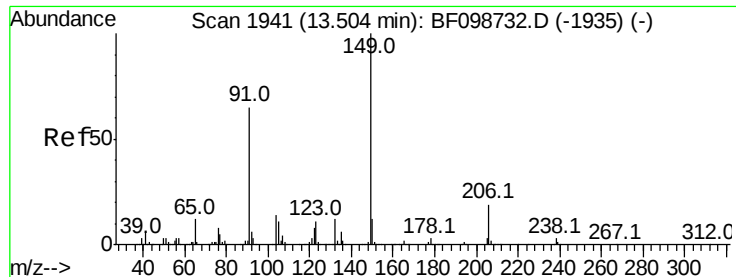
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#78
Terphenyl-d14
Concen: 69.533 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	791724		
212	7.1		5.4	8.0
122	12.7		11.0	16.4





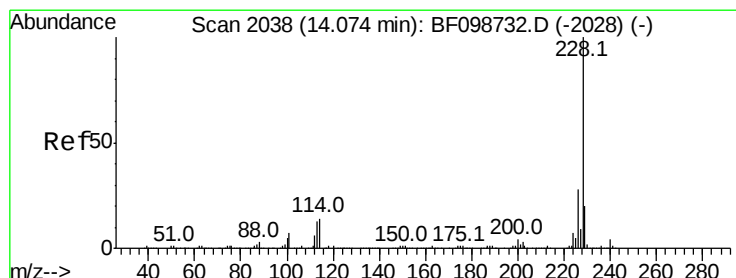
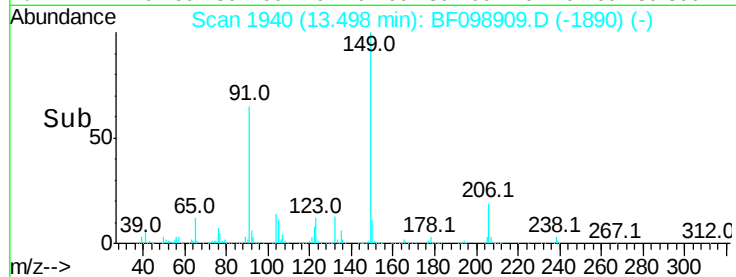
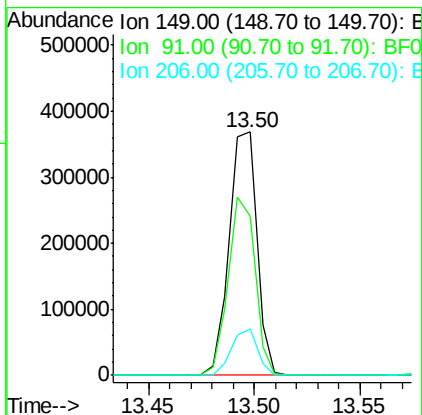
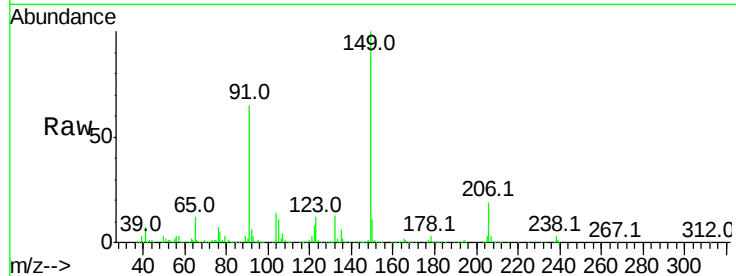
#79
Butylbenzylphthalate
Concen: 35.799 ng
RT: 13.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	332211		
91	65.2	56.8	85.2	
206	18.9	14.1	21.1	

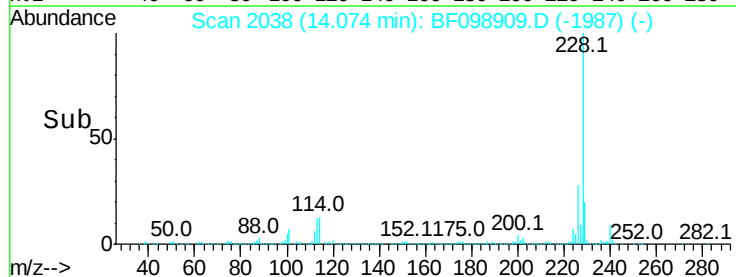
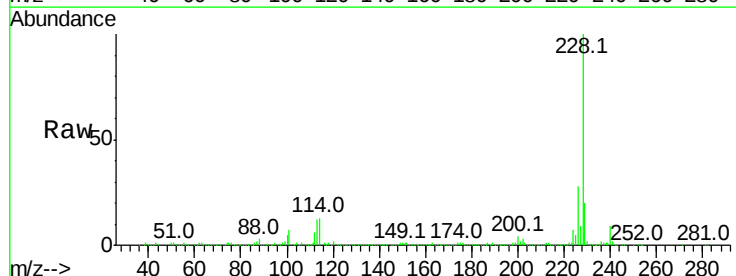
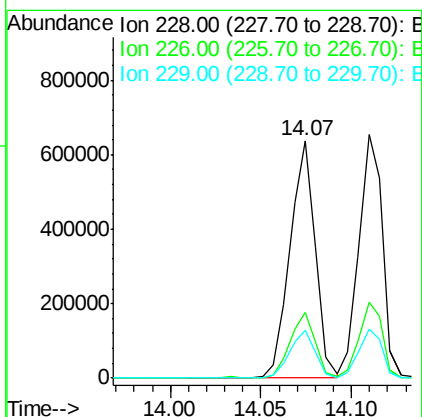
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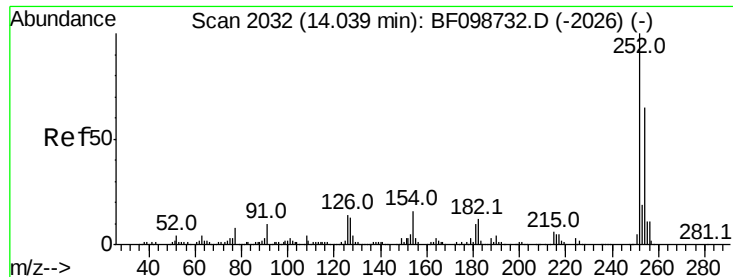
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#80
Benzo(a)anthracene
Concen: 39.789 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	623894		
226	27.8	22.6	33.8	
229	20.1	15.8	23.6	





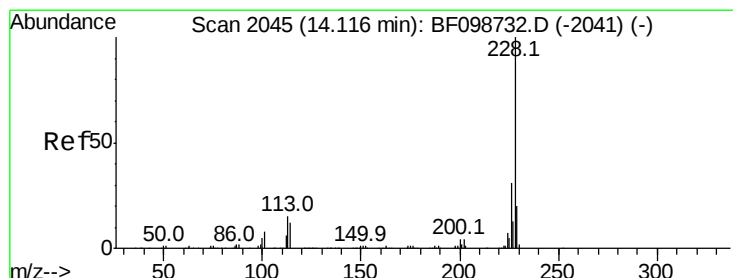
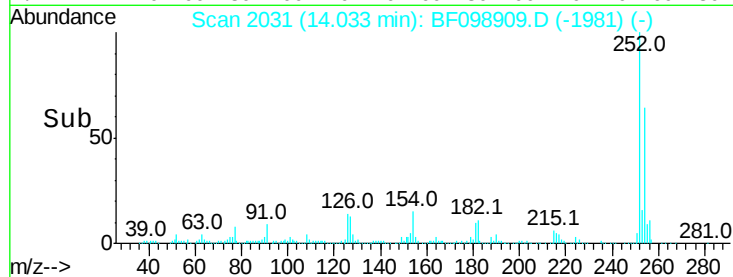
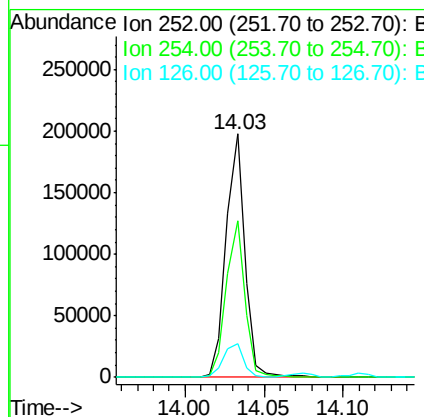
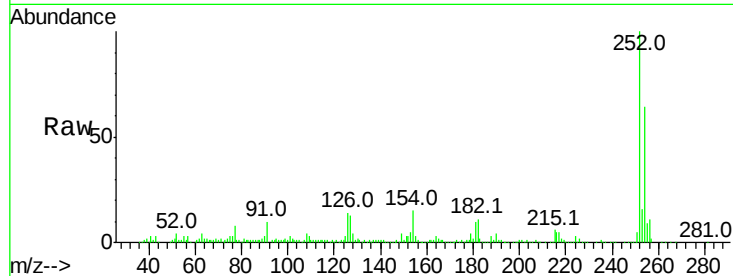
#81
 3,3'-Dichlorobenzidine
 Concen: 28.434 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF098909.D
 Acq: 28 Sep 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-116-5B(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	163438		
254	64.1	50.4	75.6	
126	13.7	11.3	16.9	

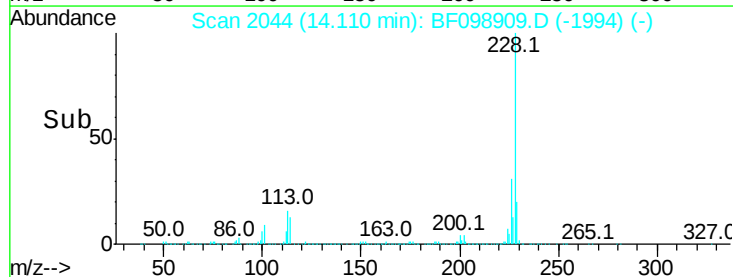
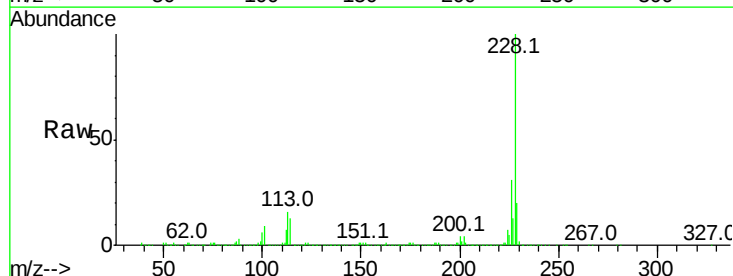
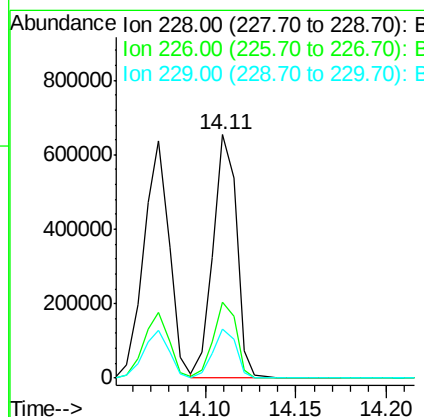
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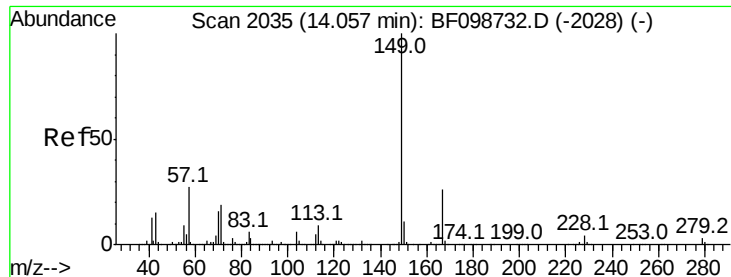
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#82
 Chrysene
 Concen: 39.498 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF098909.D
 Acq: 28 Sep 2017 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	589622		
226	31.1	25.0	37.6	
229	20.1	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.491 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF098909.D

Acq: 28 Sep 2017 15:31

Instrument :

BNA_F

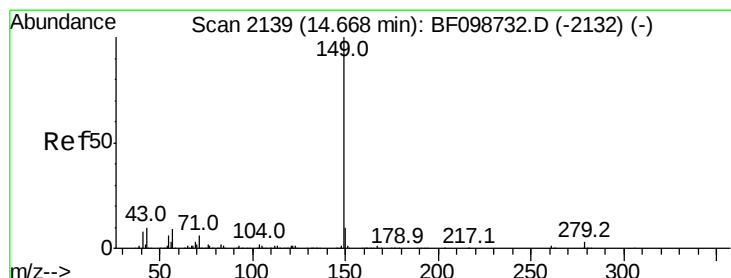
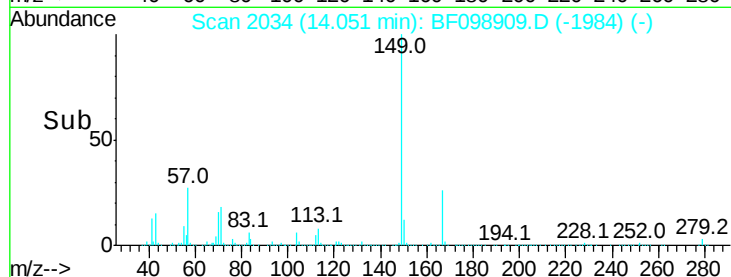
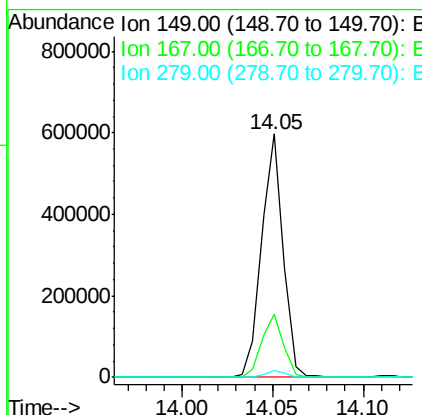
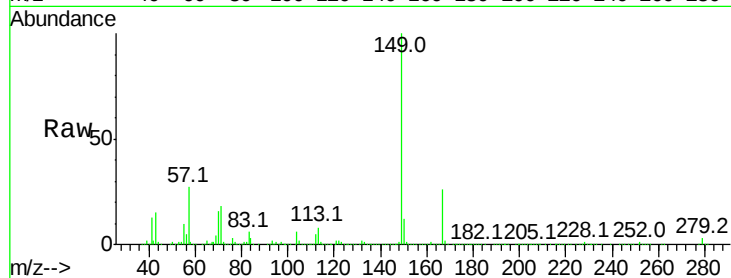
ClientSampleId :

SASP2P-EPE-116-5B(10-12)MS

Tot Ion:	149	Resp:	491836
Ion Ratio	Lower	Upper	
149	100		
167	26.2	21.3	31.9
279	2.8	3.0	4.4#

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#84

Di-n-octyl phthalate

Concen: 41.244 ng

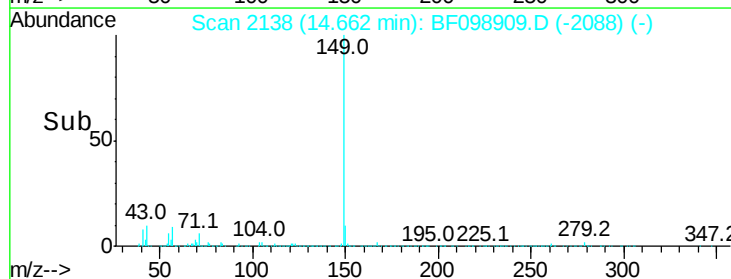
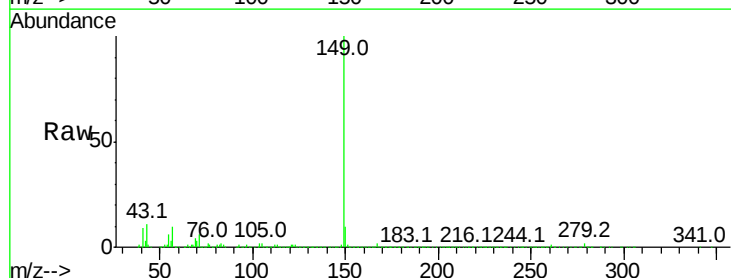
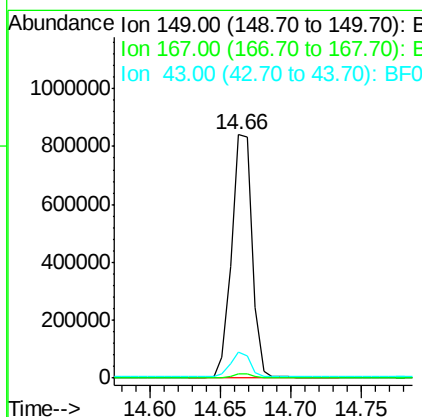
RT: 14.66 min Scan# 2138

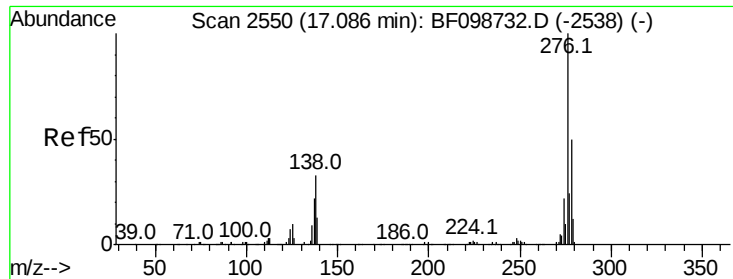
Delta R.T. -0.01 min

Lab File: BF098909.D

Acq: 28 Sep 2017 15:31

Tgt Ion:	149	Resp:	848624
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	10.0	8.4	12.6





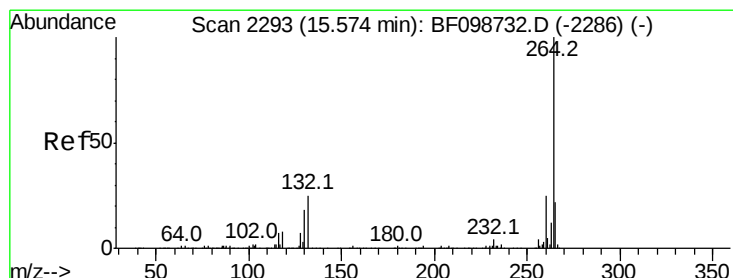
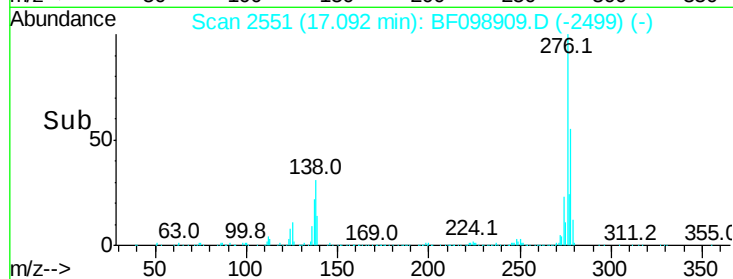
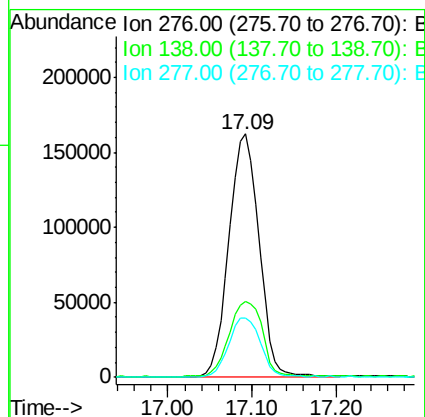
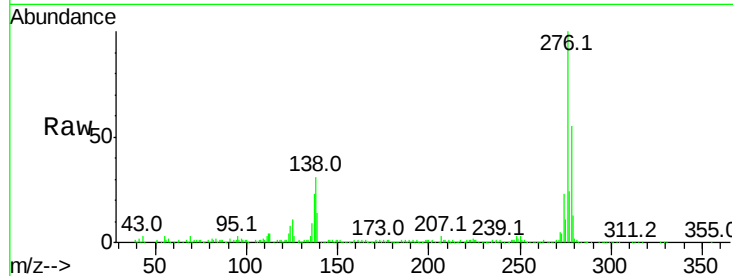
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.419 ng
RT: 17.09 min Scan# 2551
Delta R.T. 0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.0	25.0	37.6
277	25.2	20.1	30.1

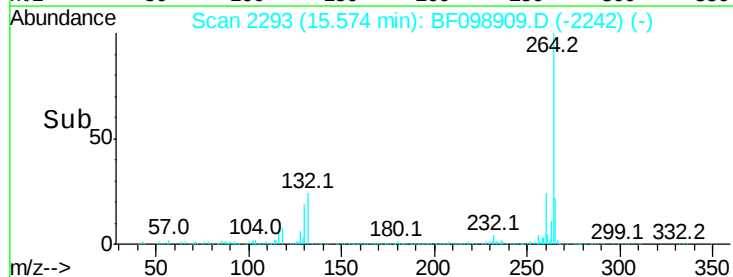
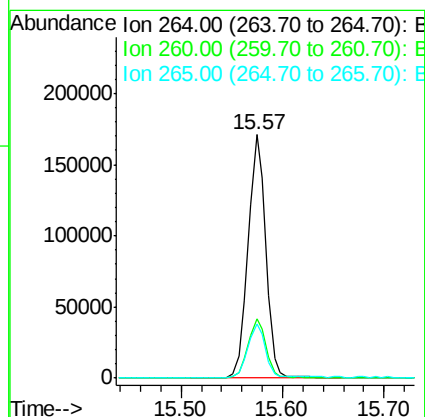
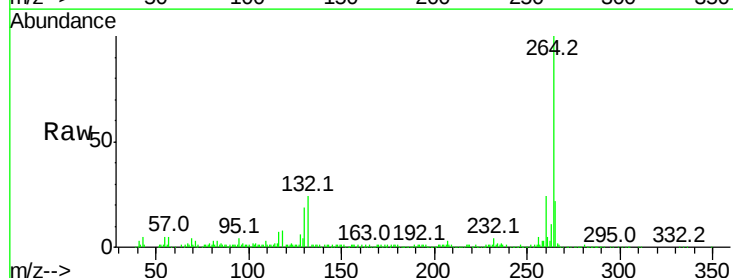
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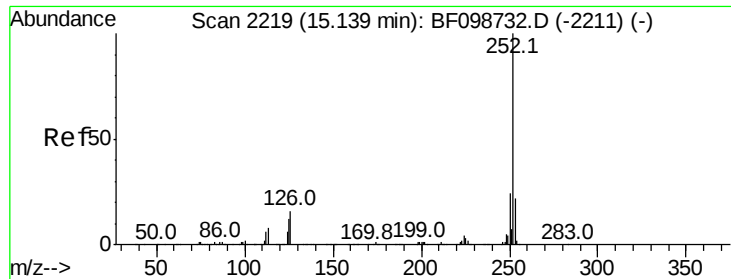
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 42.522 ng

RT: 15.14 min Scan# 2219

Delta R.T. -0.00 min

Lab File: BF098909.D

Acq: 28 Sep 2017 15:31

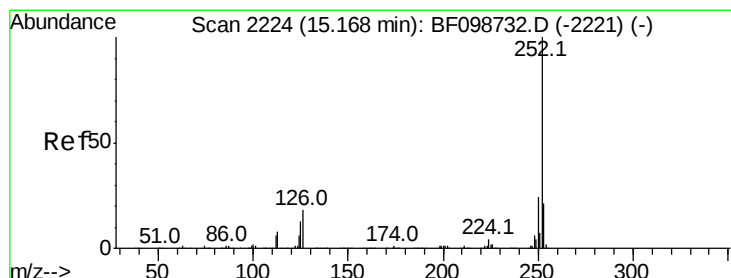
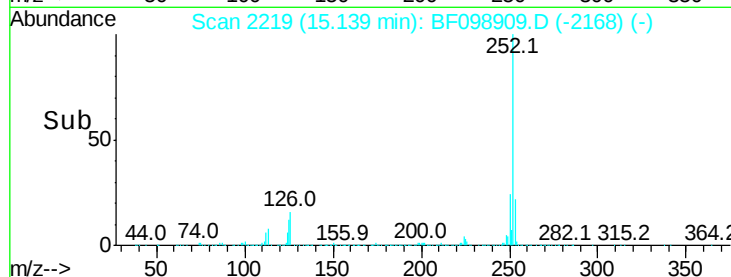
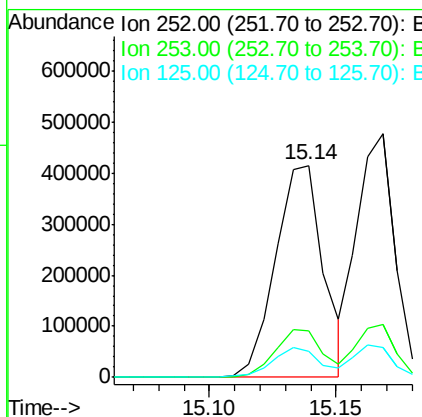
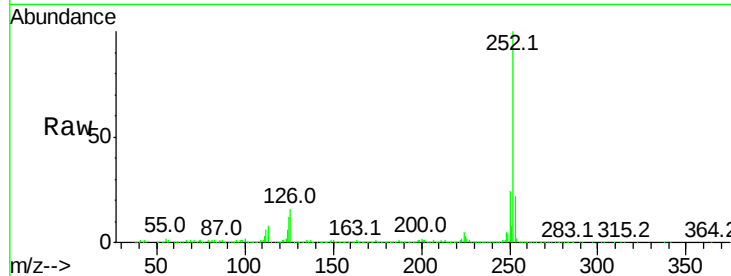
Instrument :
BNA_F

ClientSampleId :
SASP2P-EPE-116-5B(10-12)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	12.0	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 39.092 ng

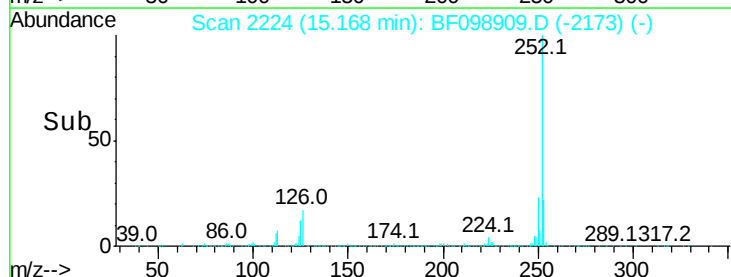
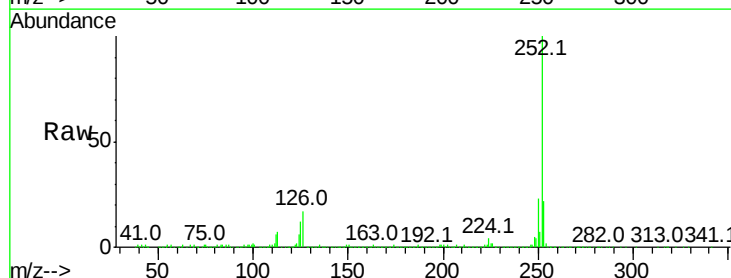
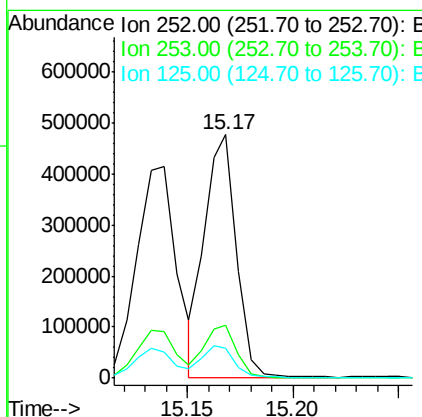
RT: 15.17 min Scan# 2224

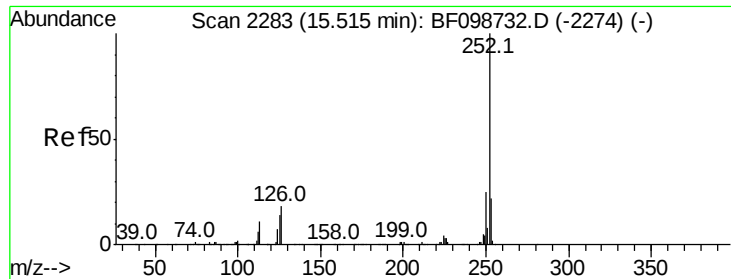
Delta R.T. -0.00 min

Lab File: BF098909.D

Acq: 28 Sep 2017 15:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	12.4	10.2	15.2





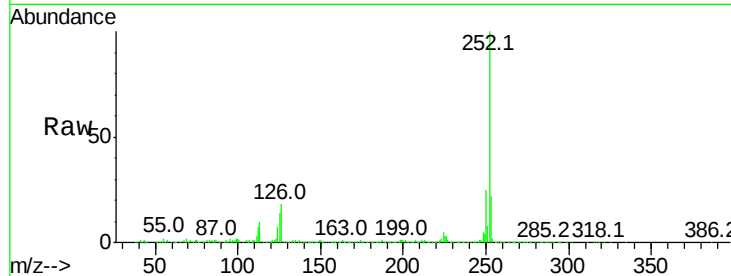
#89
Benzo(a)pyrene
Concen: 39.665 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	14.0	9.8	14.6

Manual Integrations
APPROVED

Sohil
9/29/2017 6:03:57 PM

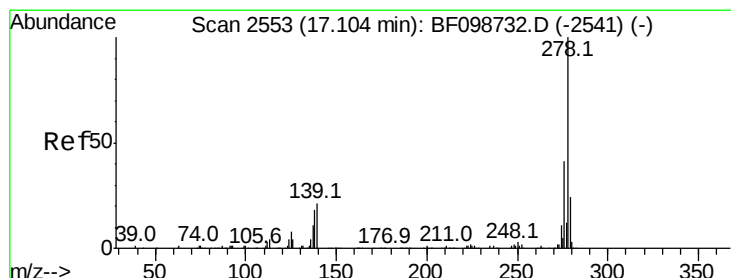
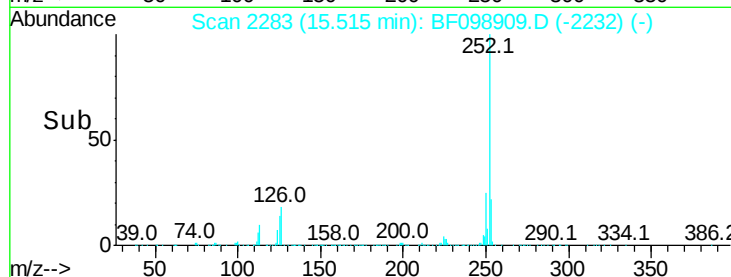
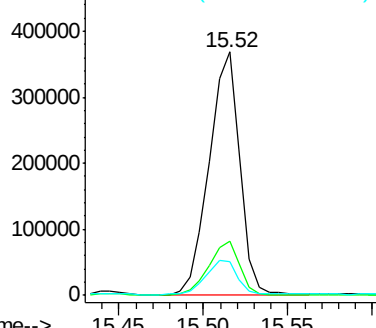


Abundance

Ion 252.00 (251.70 to 252.70): E

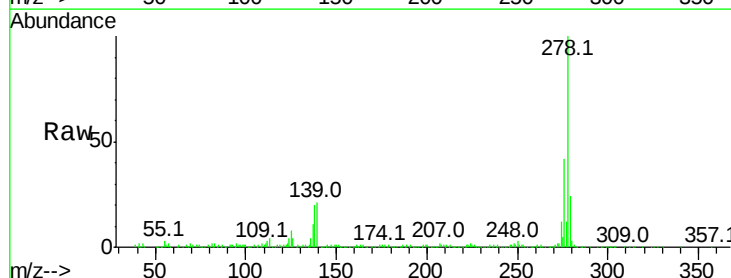
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 35.816 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.1	15.9	23.9
279	23.8	19.0	28.4

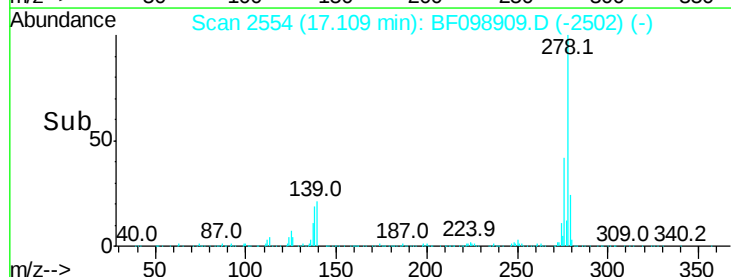
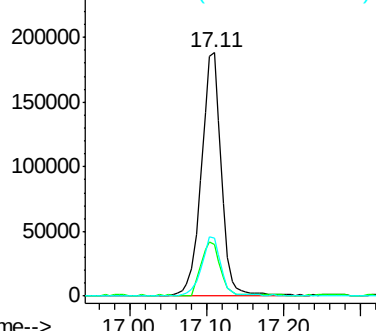


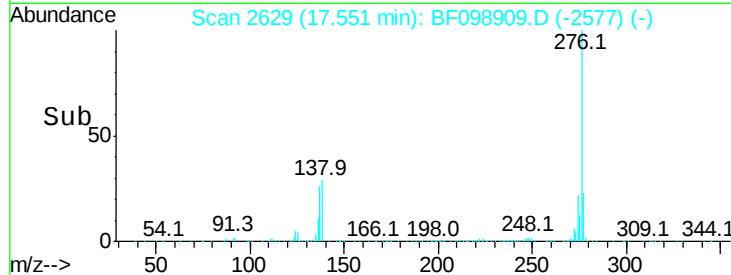
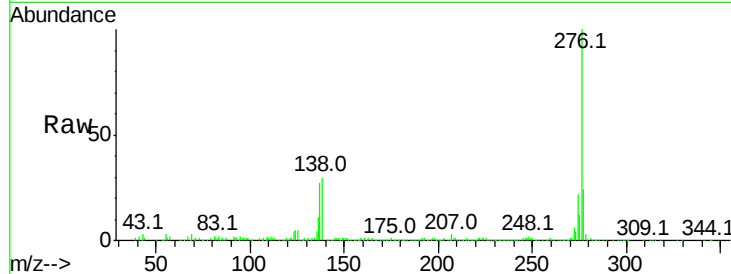
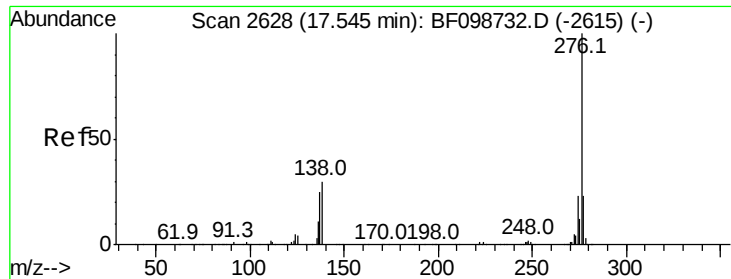
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
Benzo(a,h,i)perylene
Concen: 35.222 ng
RT: 17.55 min Scan# 2629
Delta R.T. 0.01 min
Lab File: BF098909.D
Acq: 28 Sep 2017 15:31

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	29.6	21.8	32.8

Manual Integrations
APPROVED

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