

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091818\
 Data File : BF109112.D
 Acq On : 18 Sep 2018 22:44
 Operator : JU/SJ
 Sample : J4959-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-SW2MS

Manual Integrations
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 9/19/2018 4:23:57 PM

Quant Time: Sep 19 05:31:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	144917	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	496986	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	190313	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	325114	20.00	ng	0.00
75) Chrysene-d12	13.87	240	317367	20.00	ng	0.00
86) Perylene-d12	15.27	264	310842	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	908012	104.07	ng	0.02
7) Phenol-d6	6.37	99	1144178	101.70	ng	0.00
23) Nitrobenzene-d5	7.28	82	719055	81.15	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	212375	102.82	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1057804	87.08	ng	0.00
78) Terphenyl-d14	12.81	244	953761	71.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	106641	25.676	ng	93
3) Pyridine	3.16	79	299821	27.231	ng	89
4) n-Nitrosodimethylamine	3.08	42	149786	36.021	ng	# 94
6) Aniline	6.38	93	224502	15.438	ng	# 14
8) 2-Chlorophenol	6.51	128	294916	30.203	ng	95
9) Benzaldehyde	6.27	77	119559	16.639	ng	99
10) Phenol	6.38	94	380334	30.044	ng	81
11) bis(2-Chloroethyl)ether	6.46	93	303337	30.457	ng	98
12) 1,3-Dichlorobenzene	6.67	146	331315	29.670	ng	98
13) 1,4-Dichlorobenzene	6.74	146	335227	29.924	ng	98
14) 1,2-Dichlorobenzene	6.90	146	308294	29.684	ng	98
15) Benzyl Alcohol	6.87	79	267343	31.300	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.01	45	419474	29.396	ng	96
17) 2-Methylphenol	6.98	107	237612	29.827	ng	97
18) Hexachloroethane	7.24	117	109846	26.998	ng	98
19) n-Nitroso-di-n-propylamine	7.14	70	210319	28.281	ng	98
20) 3+4-Methylphenols	7.14	107	280615	29.248	ng	# 65
22) Acetophenone	7.13	105	401066	35.535	ng	# 94
24) Nitrobenzene	7.30	77	313796	34.349	ng	97
25) Isophorone	7.55	82	550872	36.167	ng	99
26) 2-Nitrophenol	7.62	139	112503	26.373	ng	97
27) 2,4-Dimethylphenol	7.67	122	253280	37.851	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	350710	34.216	ng	99
29) 2,4-Dichlorophenol	7.87	162	218150	30.593	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	247615	32.124	ng	98
31) Naphthalene	8.03	128	1013633	43.943	ng	100
33) 4-Chloroaniline	8.07	127	149527	14.579	ng	98
34) Hexachlorobutadiene	8.15	225	149856	31.845	ng	98
35) Caprolactam	8.42	113	56950m	24.497	ng	
36) 4-Chloro-3-methylphenol	8.56	107	210825	28.086	ng	98
37) 2-Methylnaphthalene	8.72	142	556237	36.992	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	221062	36.906	ng	97
40) Hexachlorocyclopentadiene	8.88	237	51696	17.129	ng	96
42) 2,4,6-Trichlorophenol	9.00	196	131555	32.675	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.04	196	136098	32.348	nq	96
45) 1,1'-Biphenyl	9.18	154	582353	38.248	nq	97
46) 2-Chloronaphthalene	9.20	162	428682	35.156	nq	99
47) 2-Nitroaniline	9.30	65	131215	35.003	nq	97
48) Acenaphthylene	9.61	152	679589	36.965	nq	100
49) Dimethylphthalate	9.48	163	602260	44.276	nq	99
50) 2,6-Dinitrotoluene	9.54	165	98627	32.695	nq	98
51) Acenaphthene	9.79	154	460514	40.227	nq	98
52) 3-Nitroaniline	9.70	138	106990	30.121	nq	95
54) Dibenzofuran	9.96	168	690039	41.711	nq	98
55) 4-Nitrophenol	9.87	139	129105	49.332	nq	98
56) 2,4-Dinitrotoluene	9.94	165	119736	30.351	nq	# 94
57) Fluorene	10.30	166	552782	50.141	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.08	232	101159	29.037	nq	# 88
59) Diethylphthalate	10.18	149	456224	33.214	nq	97
60) 4-Chlorophenyl-phenylether	10.30	204	189270	32.062	nq	93
61) 4-Nitroaniline	10.31	138	103968	30.808	nq	98
62) Azobenzene	10.45	77	424273	30.175	nq	91
65) n-Nitrosodiphenylamine	10.41	169	374837	35.247	nq	98
66) 4-Bromophenyl-phenylether	10.78	248	121829	33.239	nq	# 84
67) Hexachlorobenzene	10.85	284	123484	31.497	nq	# 85
68) Atrazine	10.94	200	112317	32.992	nq	99
69) Pentachlorophenol	11.04	266	111501	44.453	nq	99
70) Phenanthrene	11.26	178	1794633	112.607	nq	98
71) Anthracene	11.31	178	1034160	64.013	nq	99
72) Carbazole	11.46	167	687344	42.979	nq	99
73) Di-n-butylphthalate	11.80	149	617133	32.966	nq	99
74) Fluoranthene	12.45	202	1895814	112.679	nq	98
76) Benzidine	12.56	184	349514	31.111	nq	98
77) Pyrene	12.67	202	1797754	76.261	nq	98
79) Butylbenzylphthalate	13.29	149	308467	29.297	nq	97
80) Benzo(a)anthracene	13.85	228	1225283	63.769	nq	98
81) 3,3'-Dichlorobenzidine	13.82	252	191646	24.717	nq	# 97
82) Chrysene	13.90	228	1131532	58.860	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	410842	32.226	nq	99
84) Di-n-octyl phthalate	14.47	149	804000	37.186	nq	99
85) Indeno(1,2,3-cd)pyrene	16.63	276	662059	43.076	nq	# 91
87) Benzo(b)fluoranthene	14.88	252	1172608	68.189	nq	98
88) Benzo(k)fluoranthene	14.90	252	731209	45.525	nq	97
89) Benzo(a)pyrene	15.22	252	938679	61.465	nq	97
90) Dibenzo(a,h)anthracene	16.64	278	421464	32.849	nq	96
91) Benzo(g,h,i)perylene	17.04	276	563346	43.917	nq	# 92

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

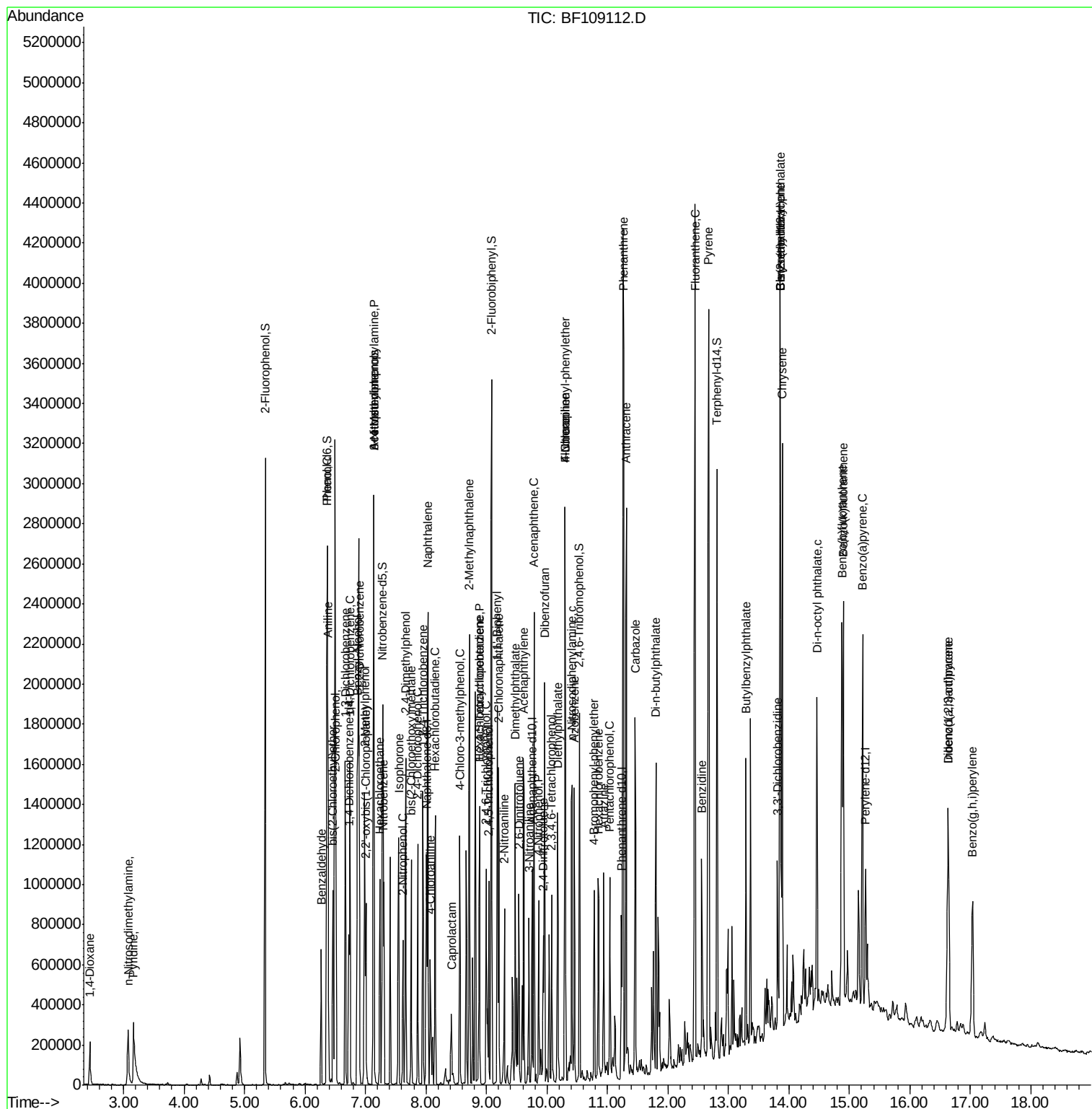
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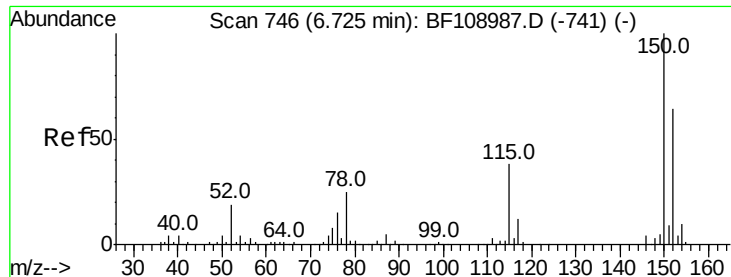
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#1

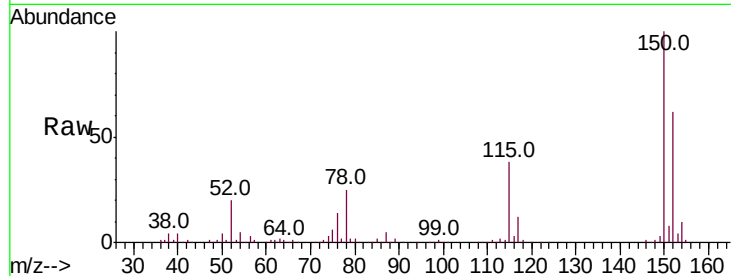
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MS

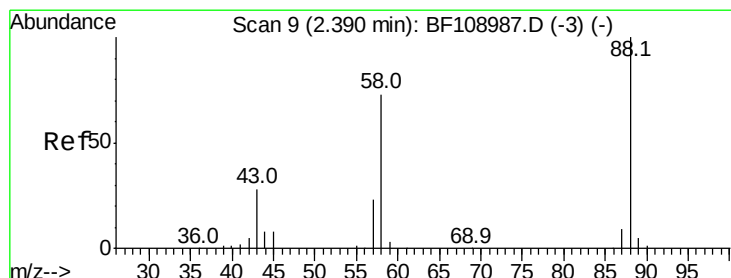
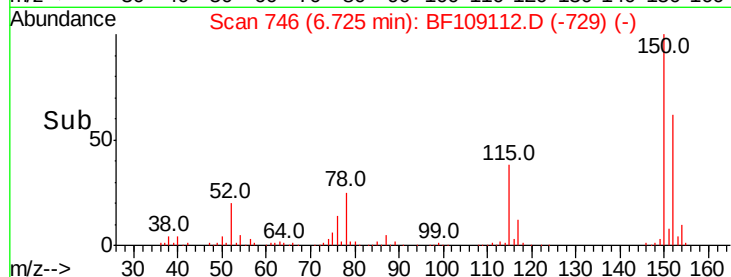
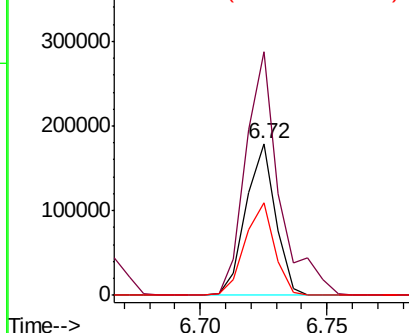
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.6	186.8
115	61.3	50.1	75.1

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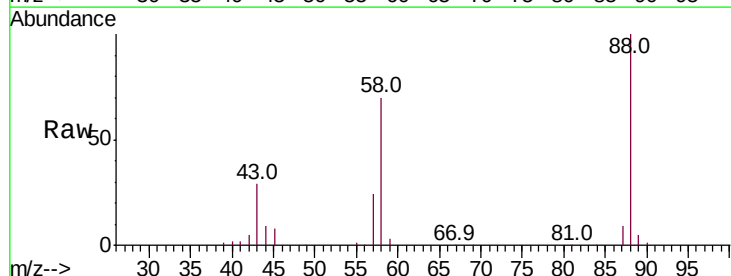
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



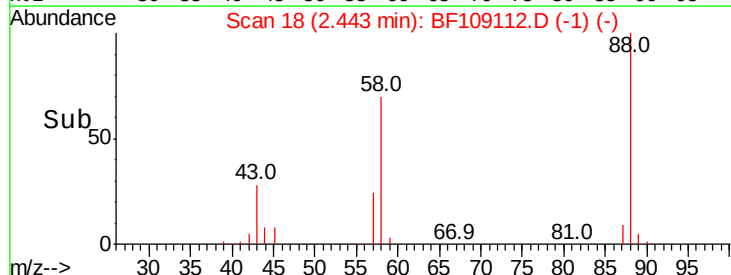
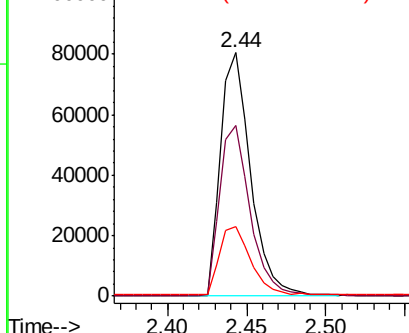
#2

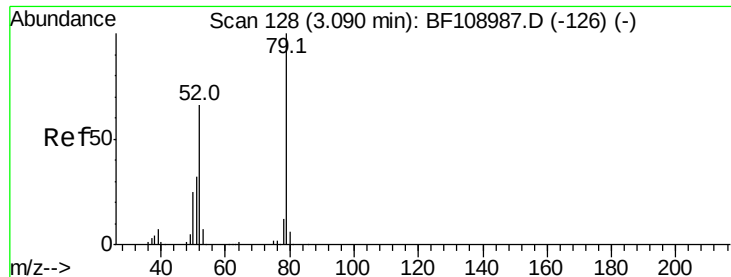
1,4-Dioxane
Concen: 25.676 ng
RT: 2.44 min Scan# 18
Delta R.T. 0.05 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.0	62.6	93.8
43	29.4	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 27.231 ng

RT: 3.16 min Scan# 140

Delta R.T. 0.07 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

Instrument :

BNA_F

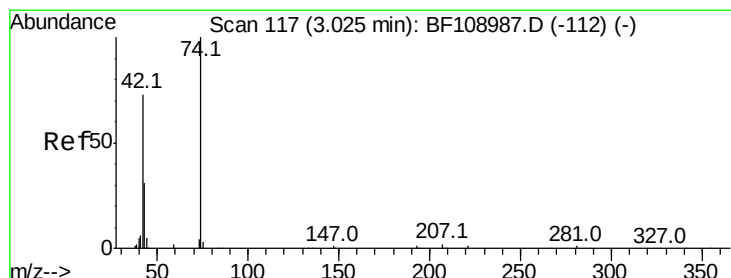
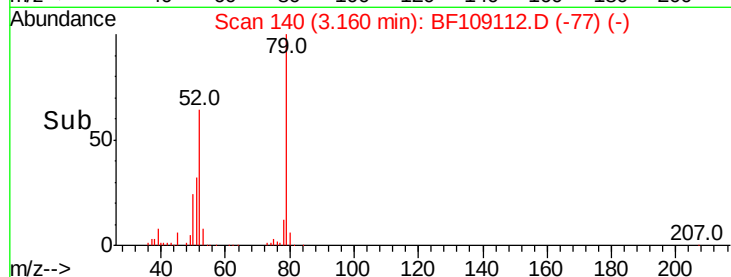
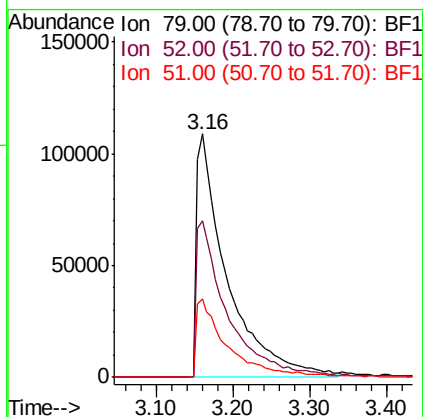
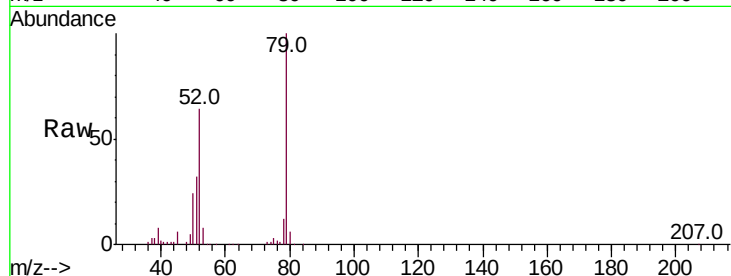
ClientSampleId :

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Tot Ion:	79	Resp:	299821
Ion Ratio	Lower	Upper	
79	100		
52	64.5	59.8	89.6
51	32.3	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 36.021 ng

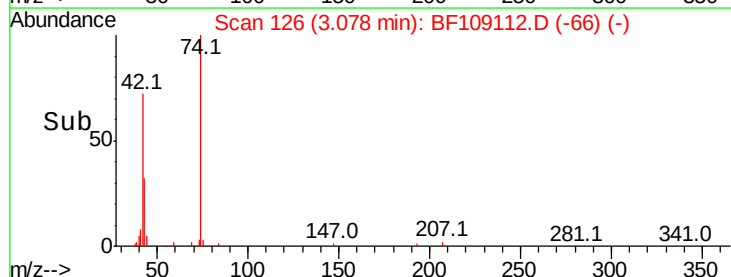
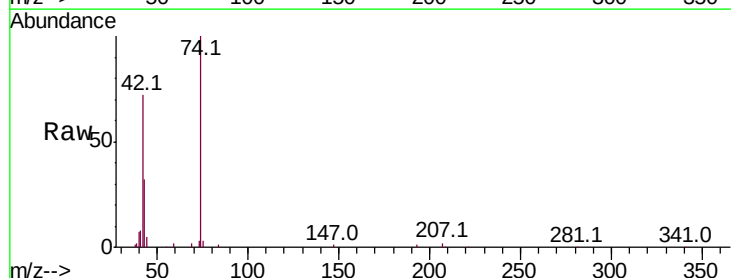
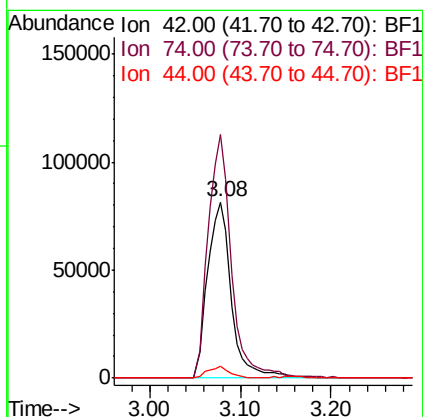
RT: 3.08 min Scan# 126

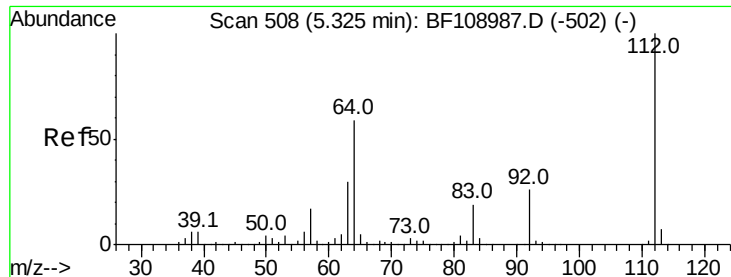
Delta R.T. 0.05 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

Tgt Ion:	42	Resp:	149786
Ion Ratio	Lower	Upper	
42	100		
74	138.4	104.9	157.3
44	6.5	6.9	10.3#





#5

2-Fluorophenol

Concen: 104.067 ng

RT: 5.34 min Scan# 511

Delta R.T. 0.02 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

Instrument :

BNA_F

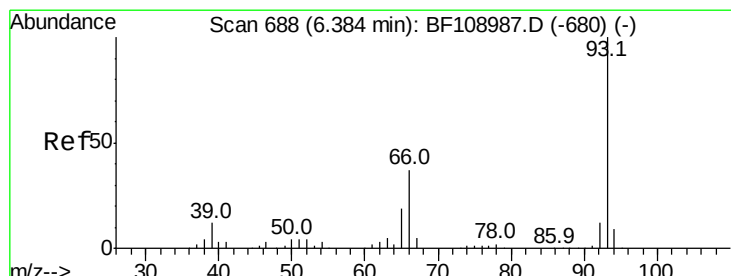
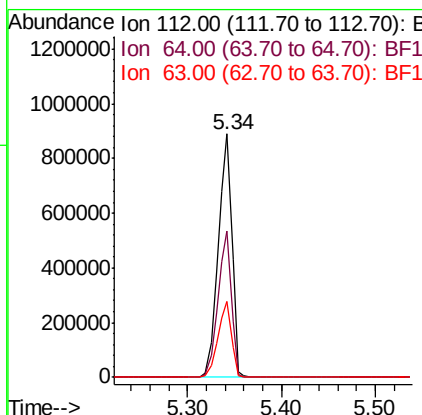
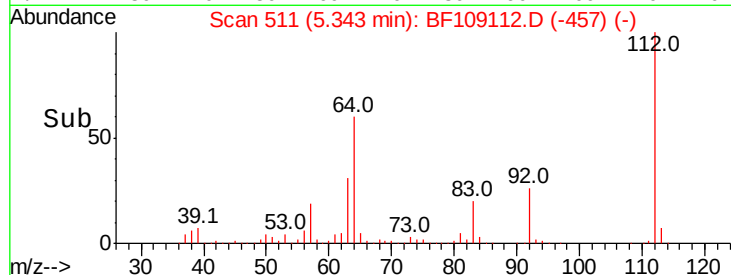
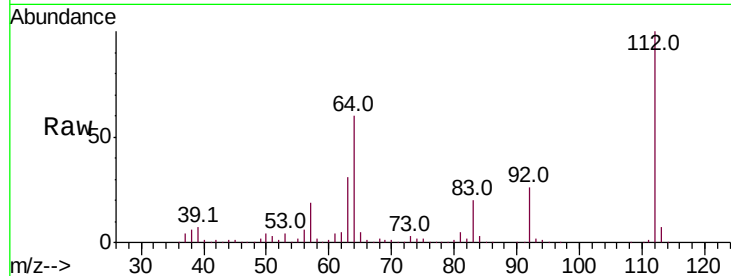
ClientSampleId :

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Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	60.1	47.9	71.9
63	31.1	23.7	35.5

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#6

Aniline

Concen: 15.438 ng

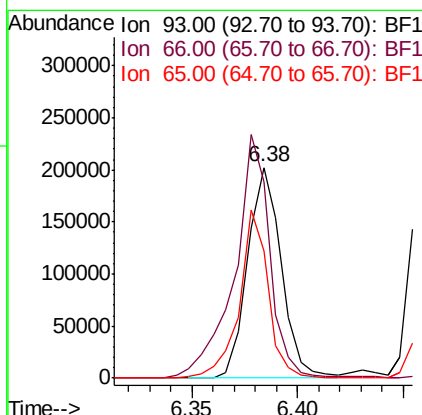
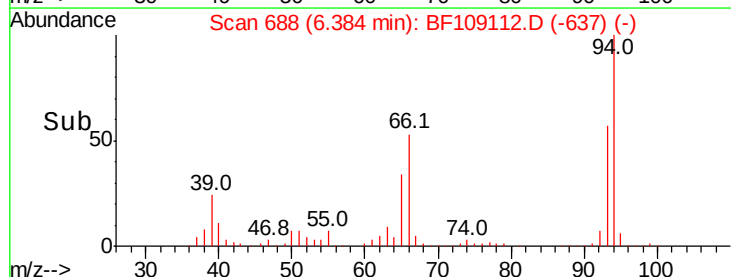
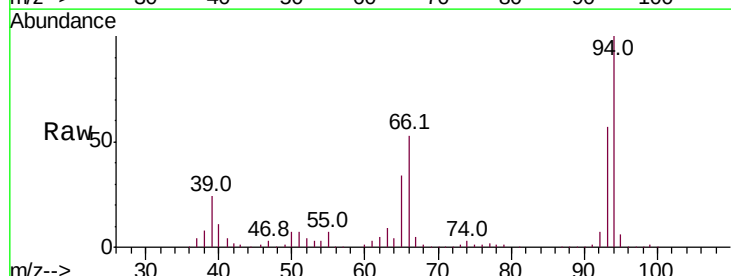
RT: 6.38 min Scan# 688

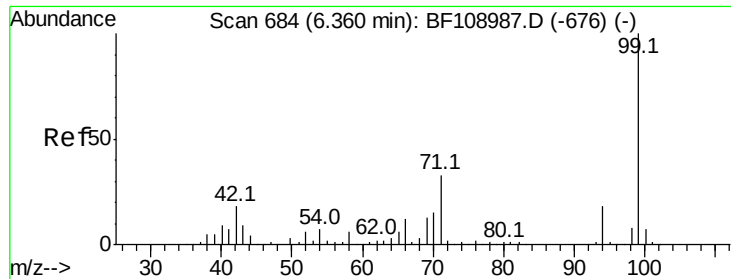
Delta R.T. 0.00 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	93.5	32.2	48.2#
65	60.5	16.4	24.6#





#7

Phenol-d6

Concen: 101.697 ng

RT: 6.37 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

Instrument :

BNA_F

ClientSampleId :

BACKFILL-SW2MS

Tot Ion: 99 Resp: 1144178

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

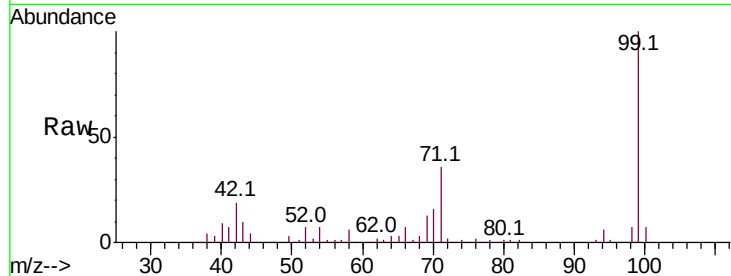
71 35.6 25.4 38.0

Manual Integrations

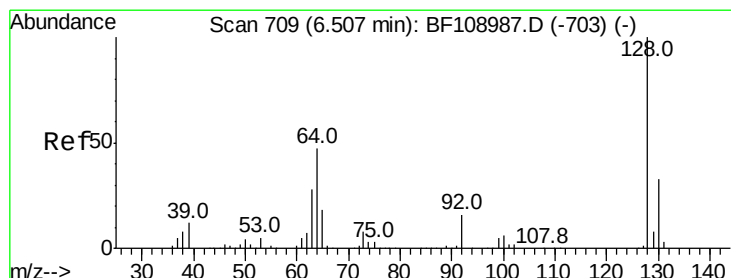
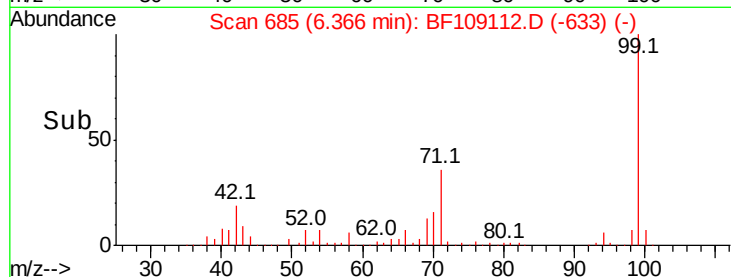
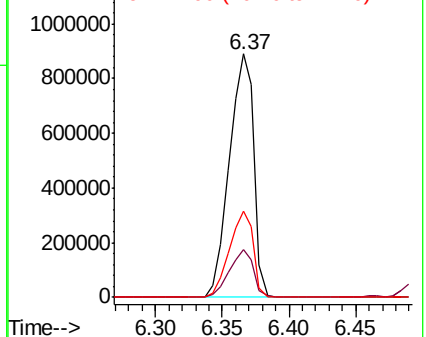
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 30.203 ng

RT: 6.51 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

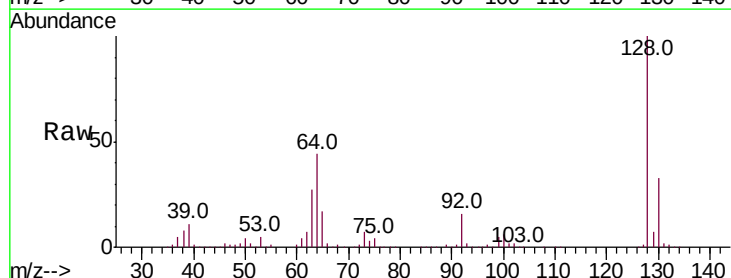
Tgt Ion: 128 Resp: 294916

Ion Ratio Lower Upper

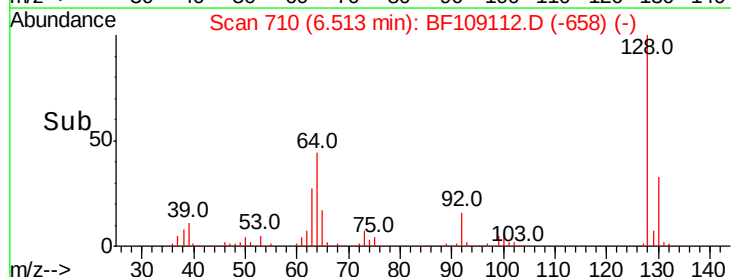
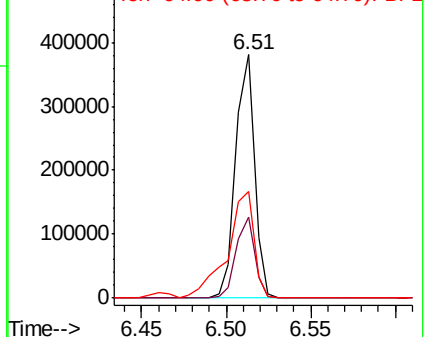
128 100

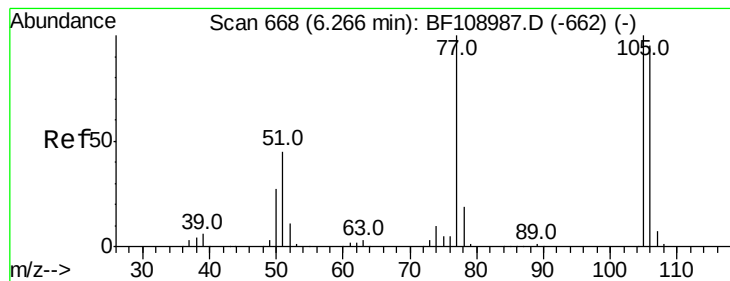
130 33.3 13.0 53.0

64 43.8 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): BF1





#9

Benzaldehyde

Concen: 16.639 ng

RT: 6.27 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

Instrument :

BNA_F

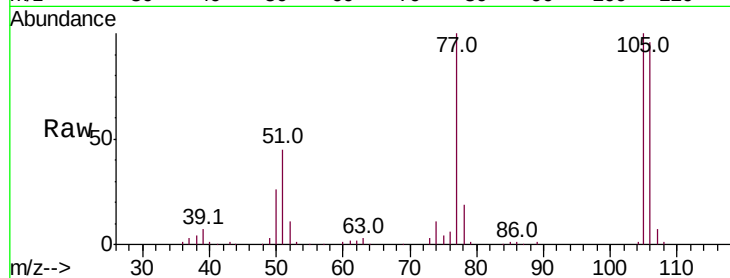
ClientSampleId :

BACKFILL-SW2MS

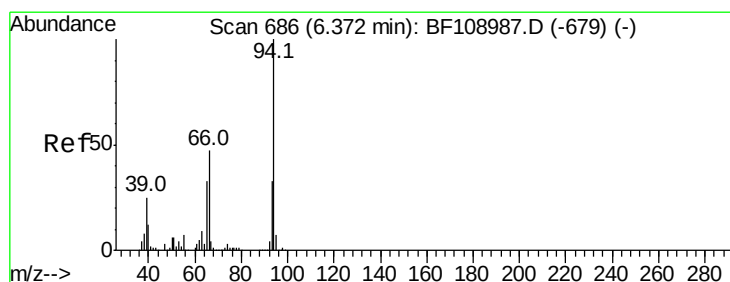
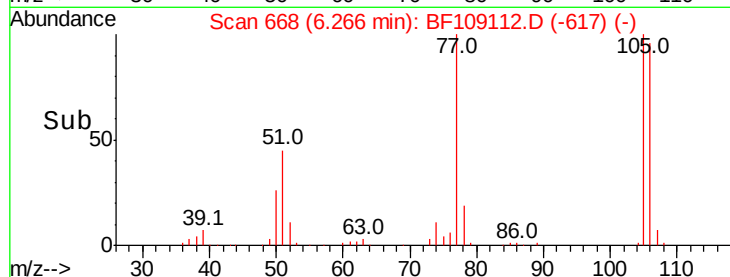
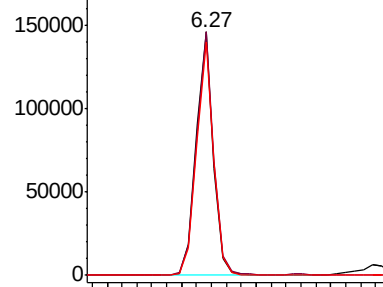
Tot Ion:	77	Resp:	119559
Ion	Ratio	Lower	Upper
77	100		
105	99.8	81.1	121.1
106	95.8	74.5	114.5

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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 30.044 ng

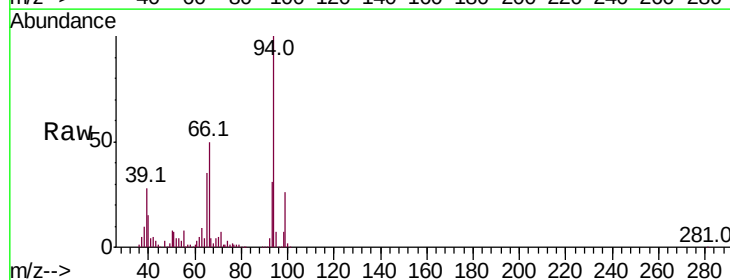
RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

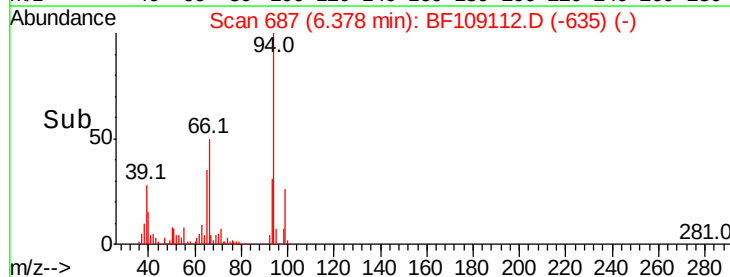
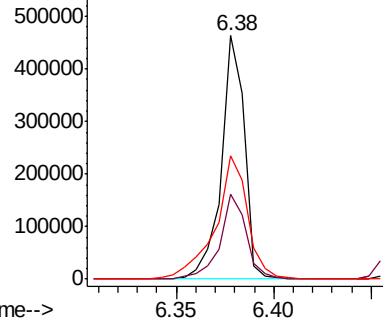
Lab File: BF109112.D

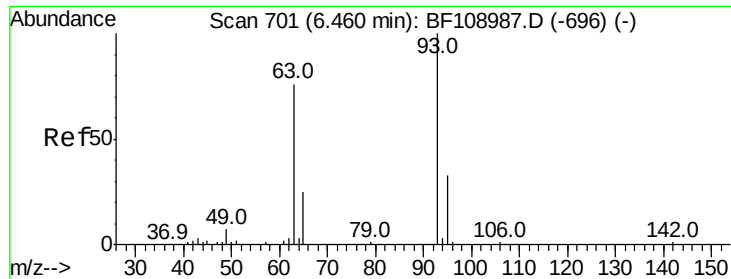
Acq: 18 Sep 2018 22:44

Tgt Ion:	94	Resp:	380334
Ion	Ratio	Lower	Upper
94	100		
65	34.9	7.9	47.9
66	50.4	16.2	56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





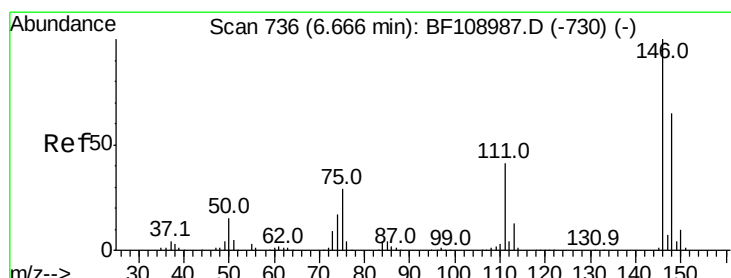
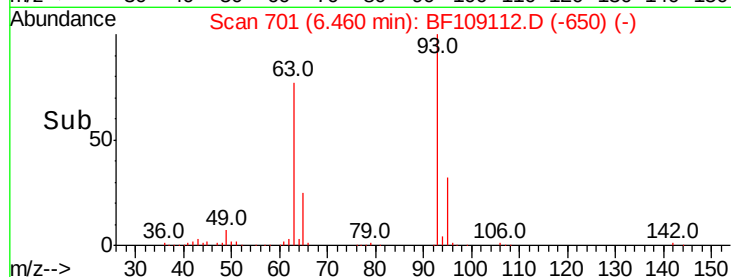
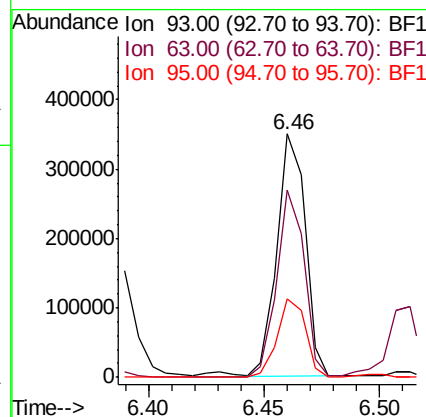
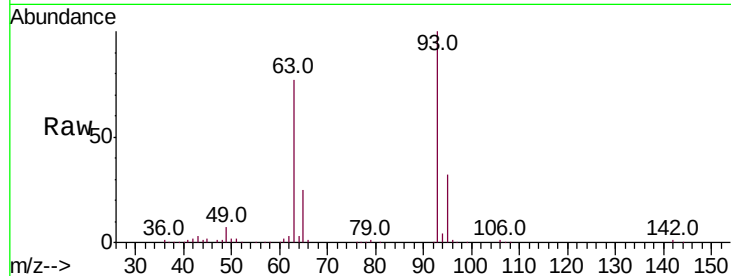
#11
bis(2-Chloroethyl)ether
Concen: 30.457 ng
RT: 6.46 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MS

Tot Ion:	93	Resp:	303337
Ion Ratio	Lower	Upper	
93	100		
63	76.7	58.6	98.6
95	32.4	11.8	51.8

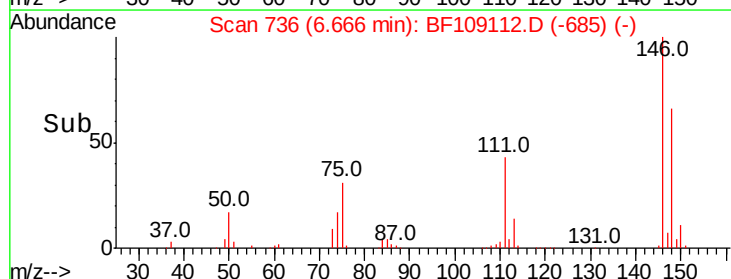
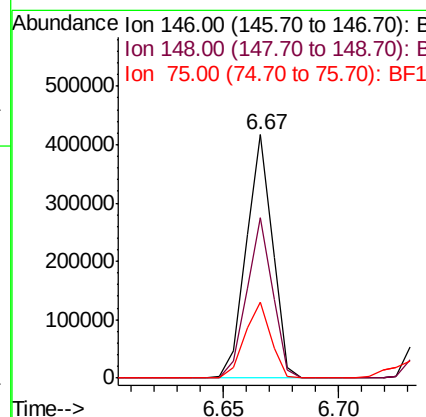
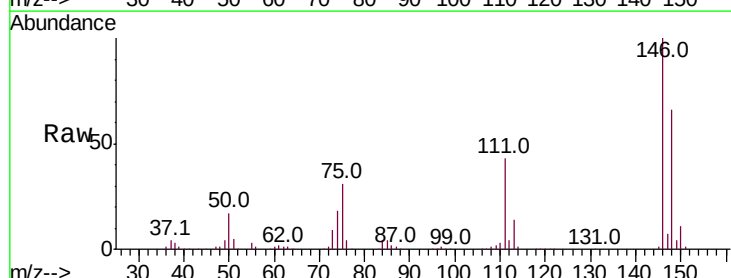
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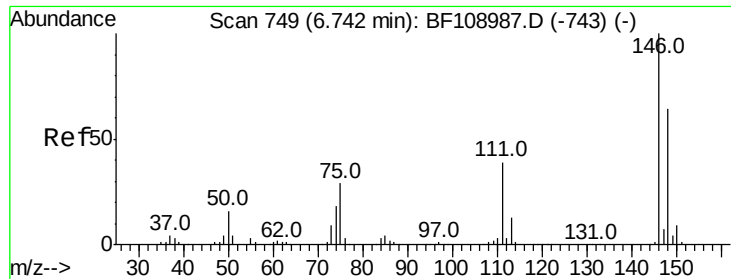
Sohil
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#12
1,3-Dichlorobenzene
Concen: 29.670 ng
RT: 6.67 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Tgt Ion:	146	Resp:	331315
Ion Ratio	Lower	Upper	
146	100		
148	65.9	51.8	77.8
75	31.4	24.2	36.4





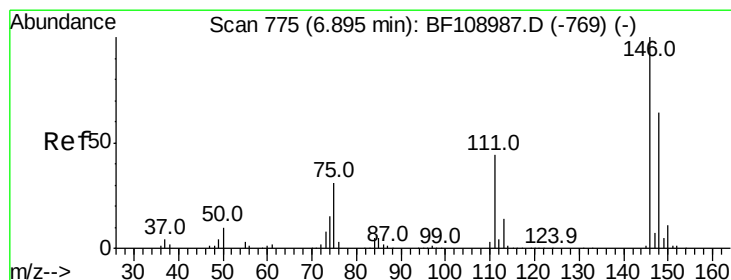
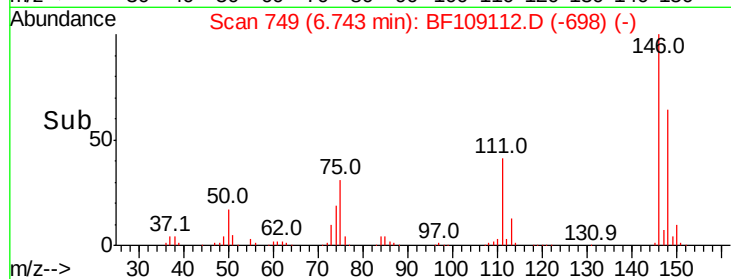
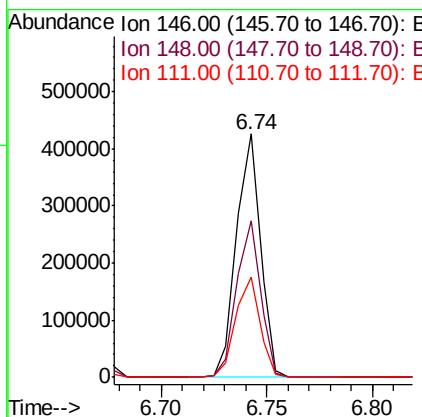
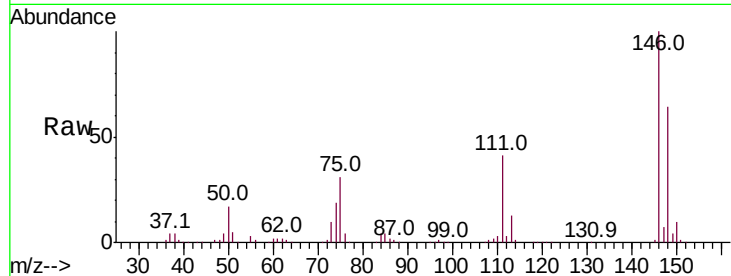
#13
 1,4-Dichlorobenzene
 Concen: 29.924 ng
 RT: 6.74 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF109112.D
 Acq: 18 Sep 2018 22:44

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-SW2MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	41.1	34.2	51.2

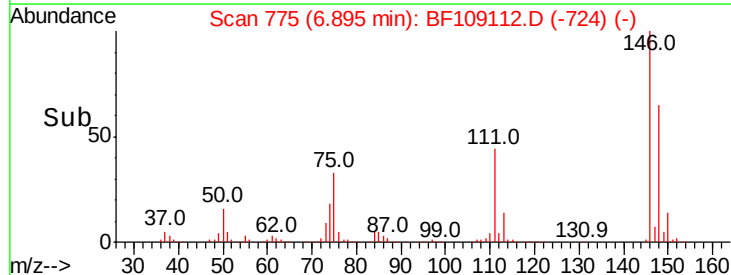
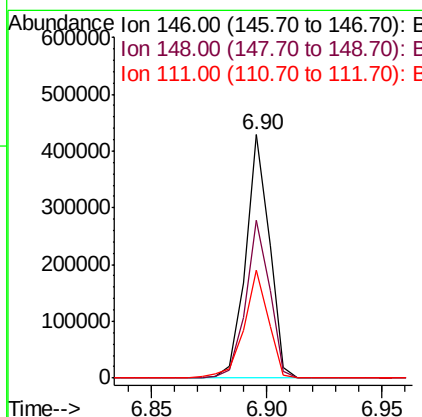
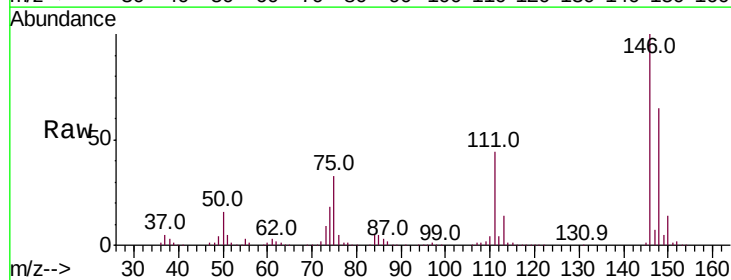
Manual Integrations
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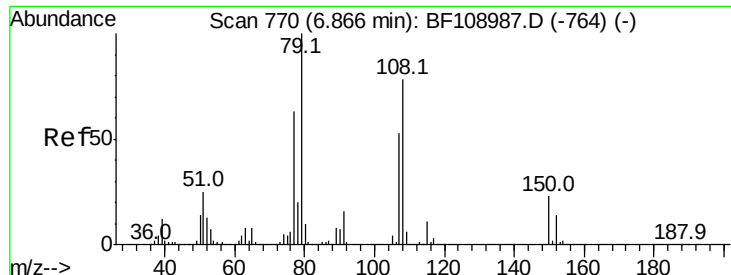
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 29.684 ng
 RT: 6.90 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF109112.D
 Acq: 18 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	75.8
111	44.4	36.0	54.0





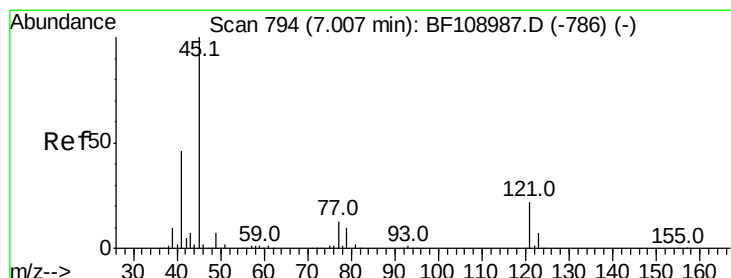
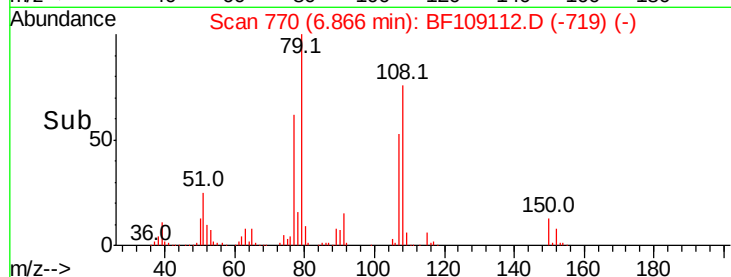
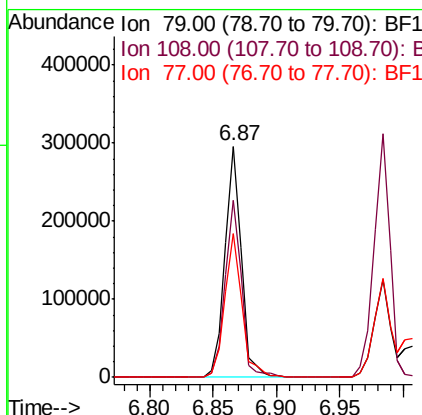
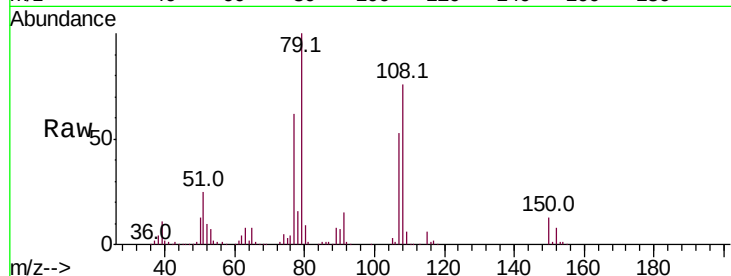
#15
Benzyl Alcohol
Concen: 31.300 ng
RT: 6.87 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.4	65.1	97.7
77	62.4	50.6	75.8

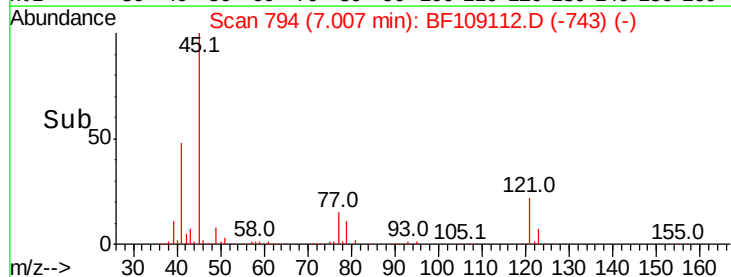
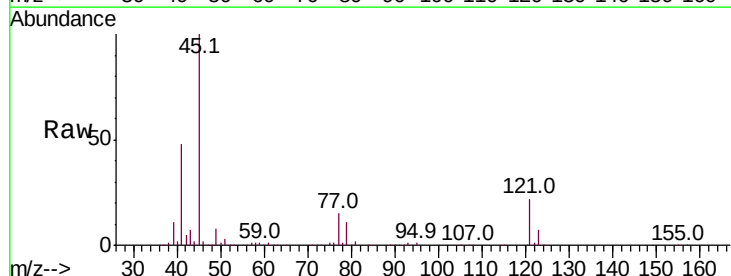
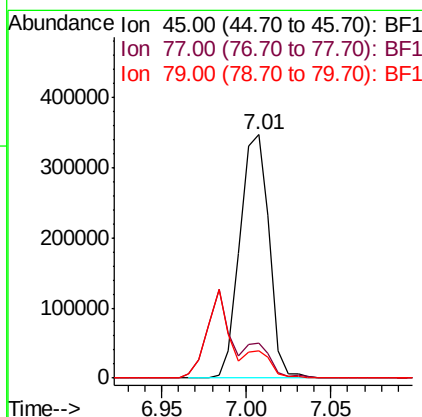
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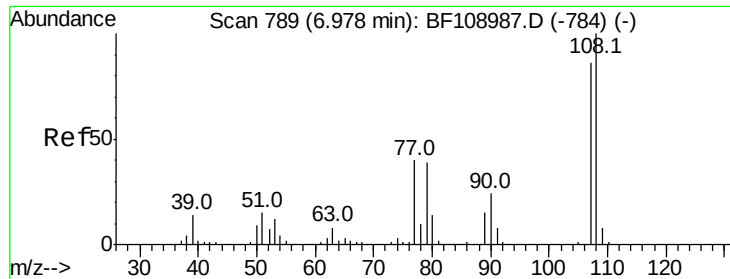
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#16
2,2'-oxybis(1-chloropropane)
Concen: 29.396 ng
RT: 7.01 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	32.9
79	11.3	0.0	29.6





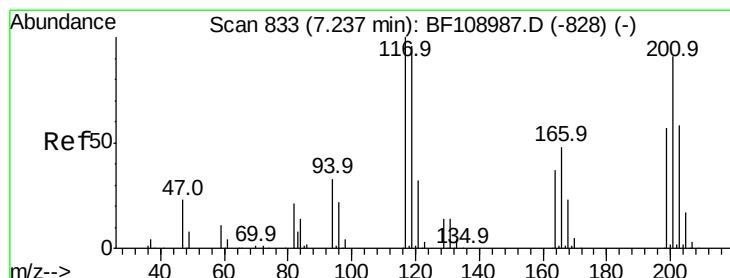
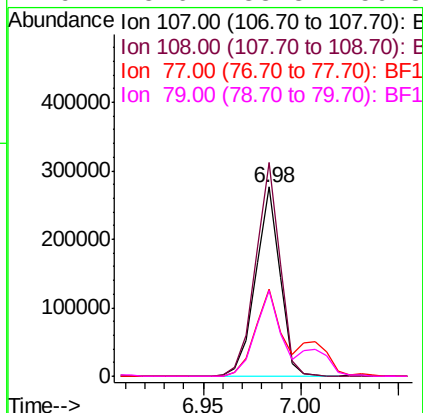
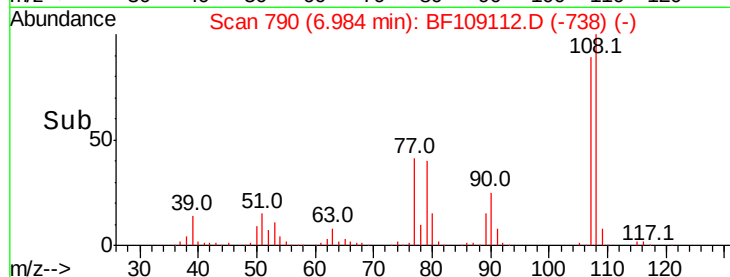
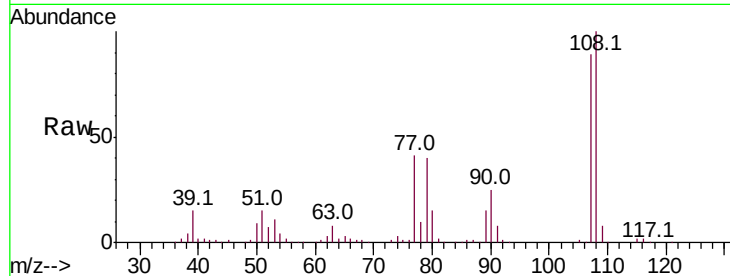
#17
2-Methylphenol
Concen: 29.827 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	91.7	137.5	
77	45.9	33.8	50.8	
79	45.6	33.8	50.8	

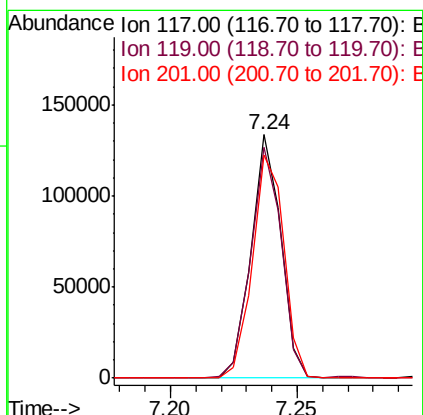
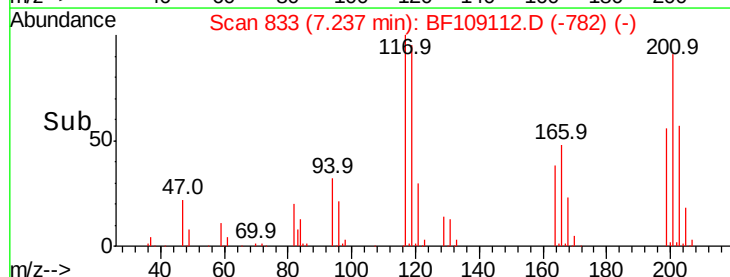
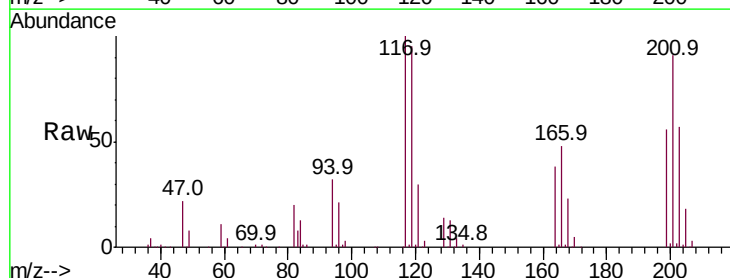
Manual Integrations
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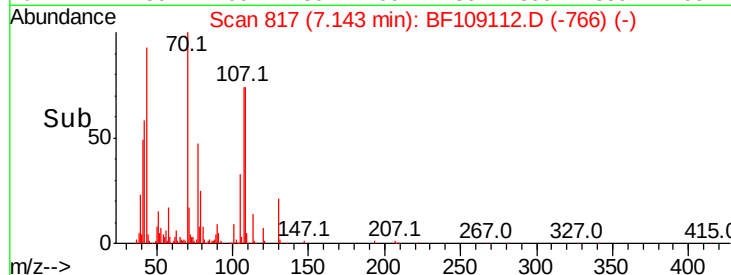
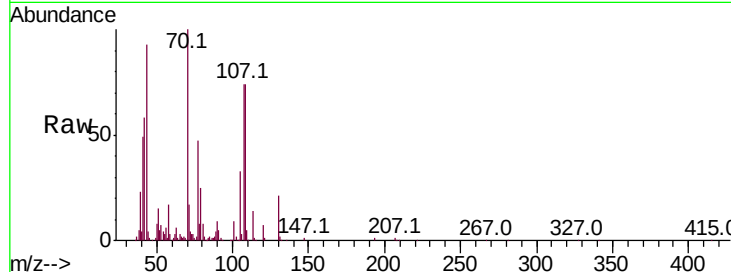
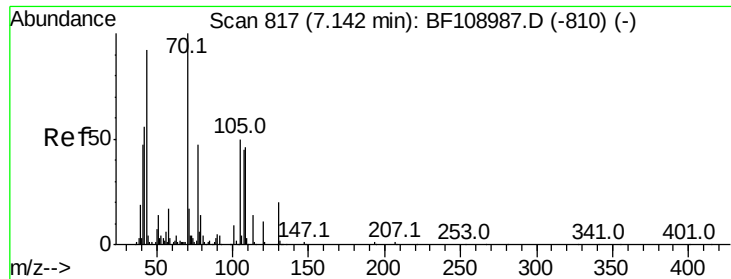
Sohil
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#18
Hexachloroethane
Concen: 26.998 ng
RT: 7.24 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	75.8	113.8	
201	91.5	75.7	113.5	





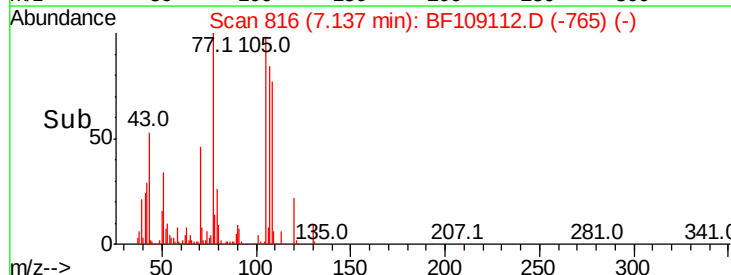
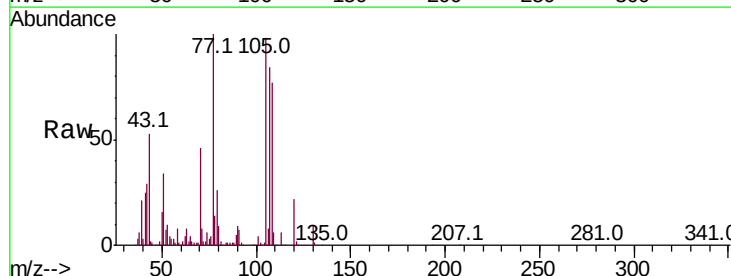
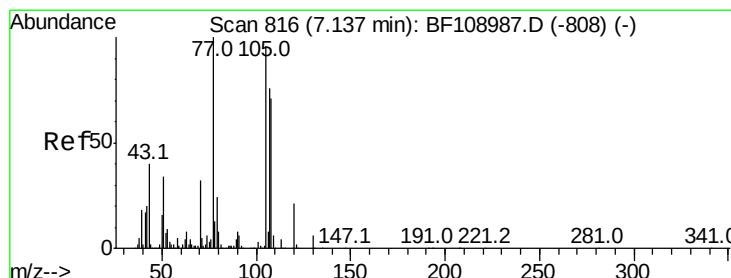
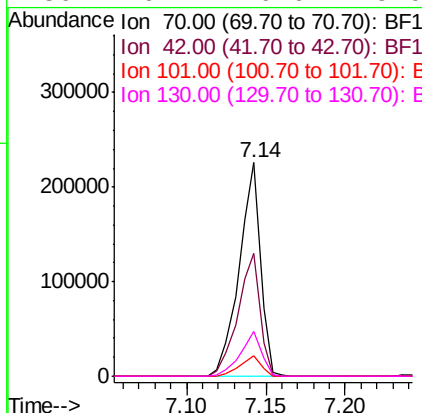
#19
n-Nitroso-di-n-propylamine
Concen: 28.281 ng
RT: 7.14 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MS

Manual Integrations
APPROVED

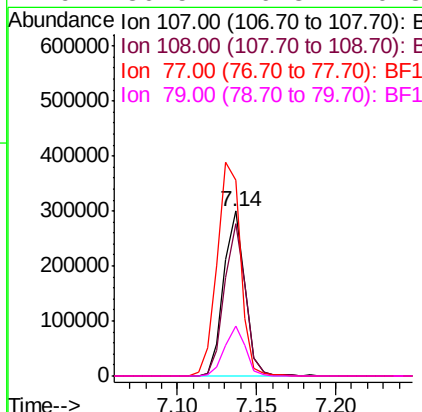
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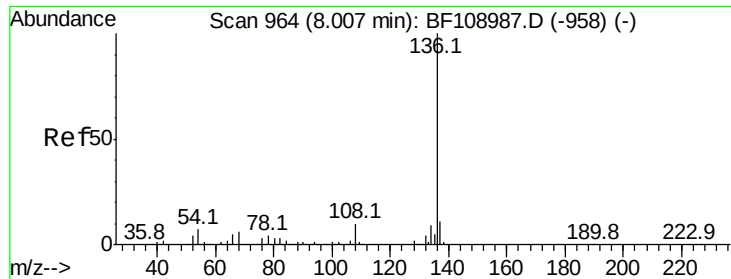
Tot Ion	Ratio	Lower	Upper
70	100		
42	57.7	47.5	71.3
101	9.4	7.4	11.2
130	20.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 29.248 ng
RT: 7.14 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.2	68.2	108.2
77	119.2	26.7	66.7#
79	30.5	6.3	46.3





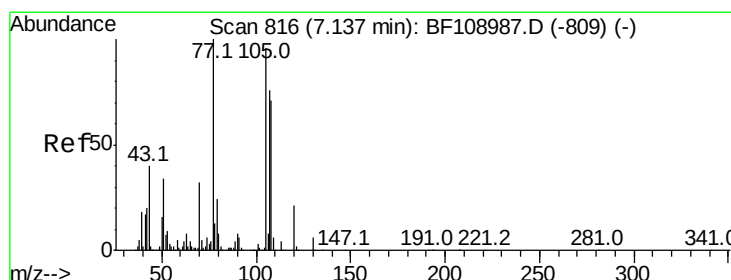
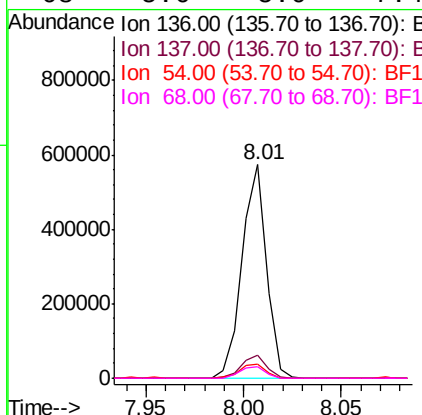
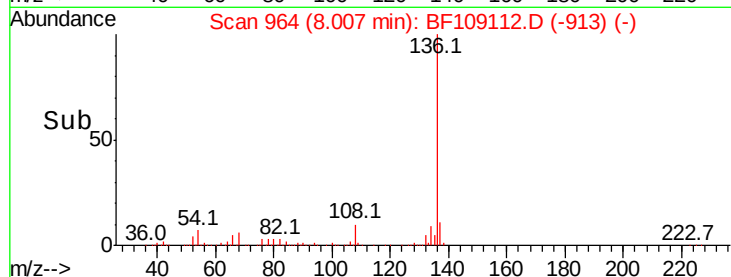
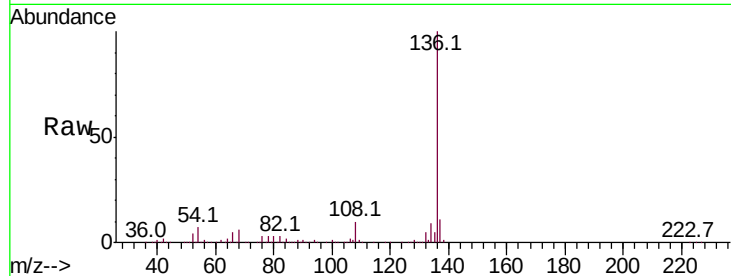
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	6.6	6.6	9.8	
68	5.6	5.0	7.4	

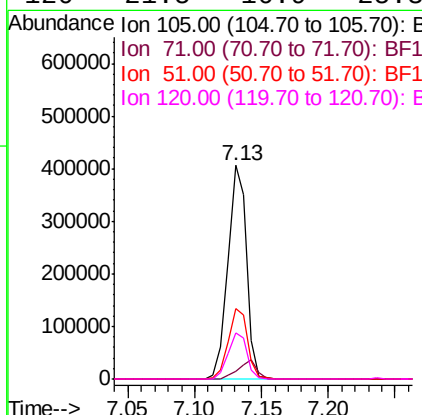
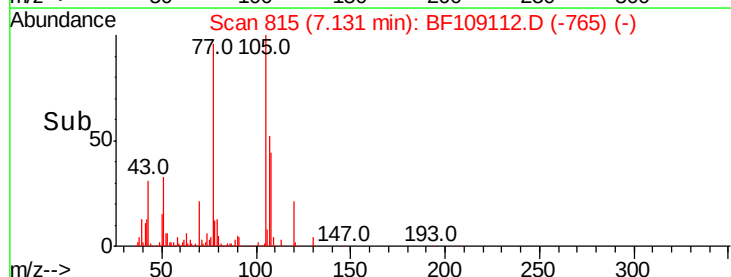
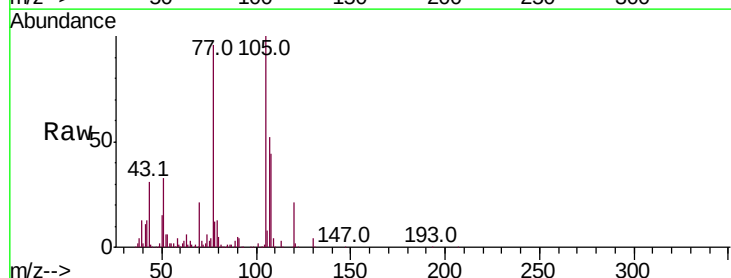
Manual Integrations
APPROVED

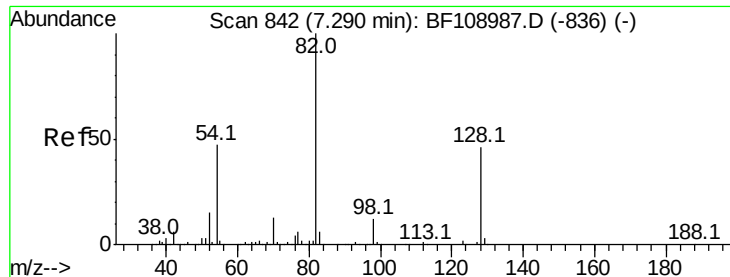
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#22
Acetophenone
Concen: 35.535 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.5	4.4	6.6#	
51	33.2	22.3	33.5	
120	21.5	16.9	25.3	





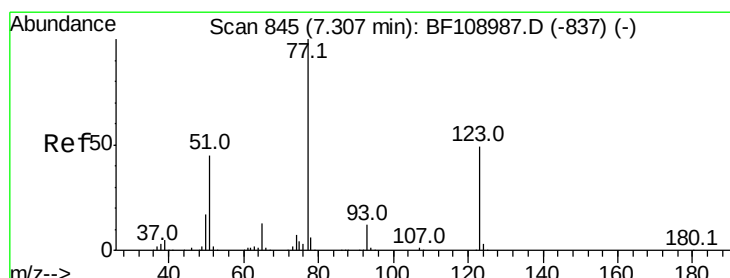
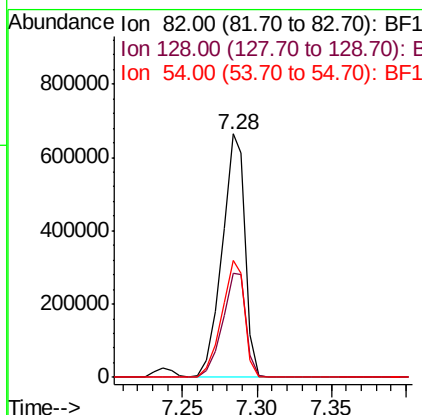
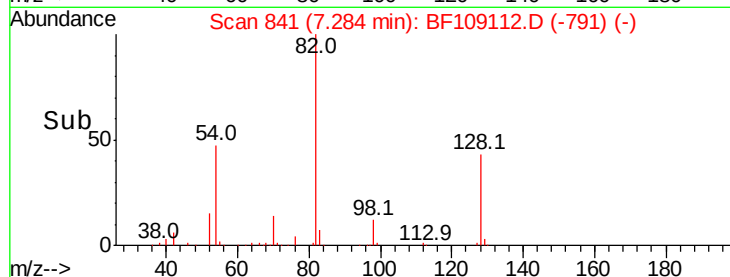
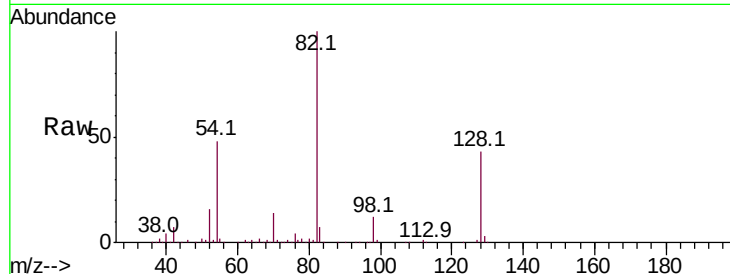
#23
 Nitrobenzene-d5
 Concen: 81.150 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109112.D
 Acq: 18 Sep 2018 22:44

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-SW2MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.1	54.1
54	48.0	41.4	62.2

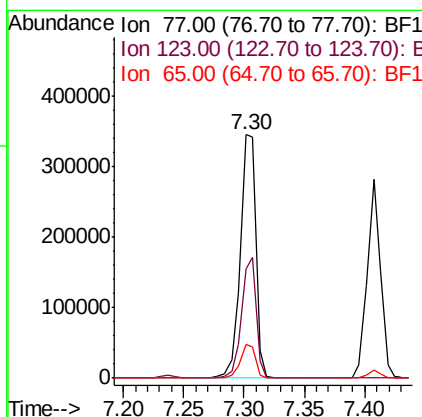
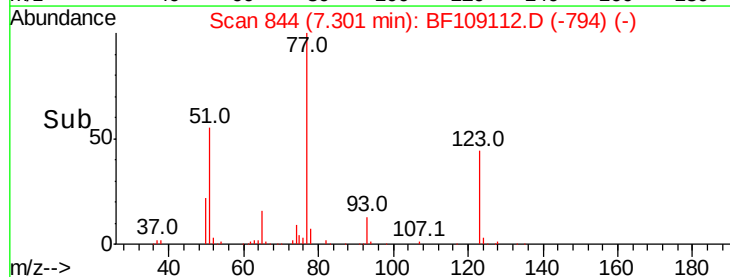
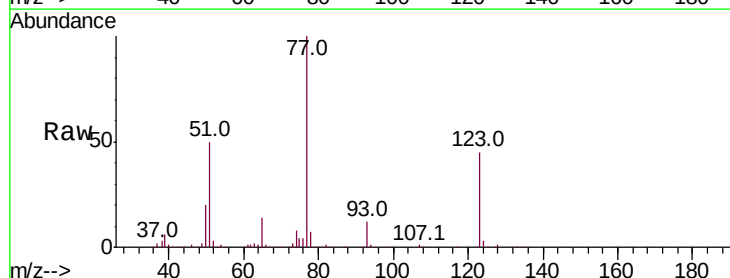
Manual Integrations
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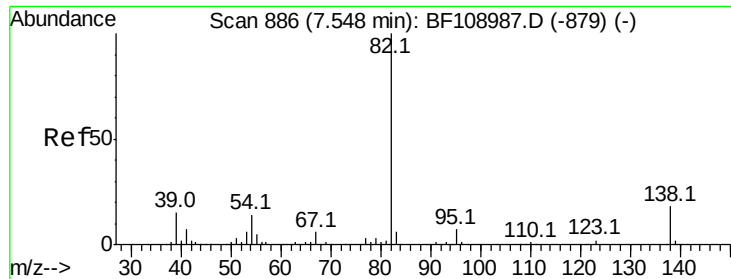
Sohil
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#24
 Nitrobenzene
 Concen: 34.349 ng
 RT: 7.30 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF109112.D
 Acq: 18 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.7	37.9	56.9
65	13.7	11.0	16.4





#25

Isophorone

Concen: 36.167 ng

RT: 7.55 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

Instrument :

BNA_F

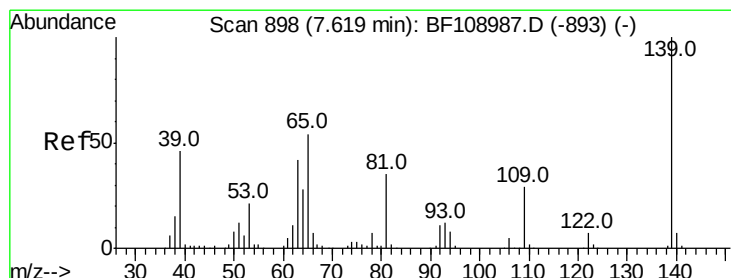
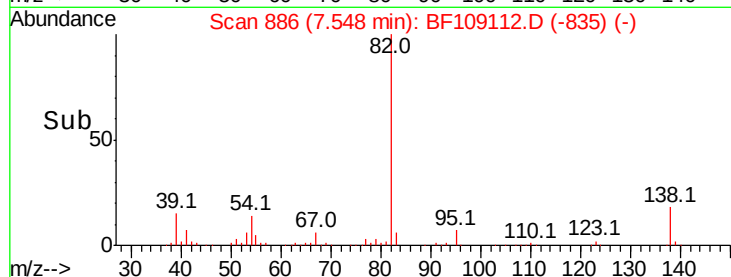
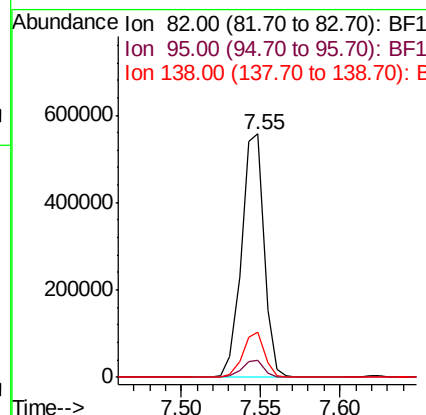
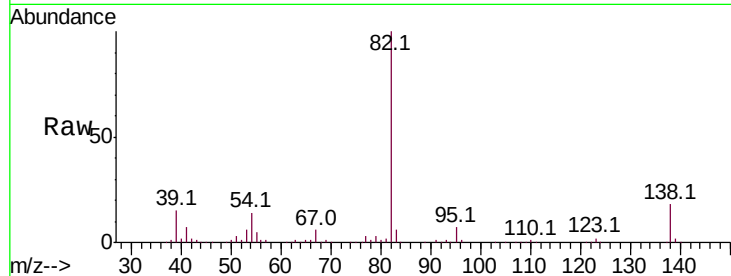
ClientSampleId :

BACKFILL-SW2MS

Tot Ion:	82	Resp:	550872
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	18.4	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 26.373 ng

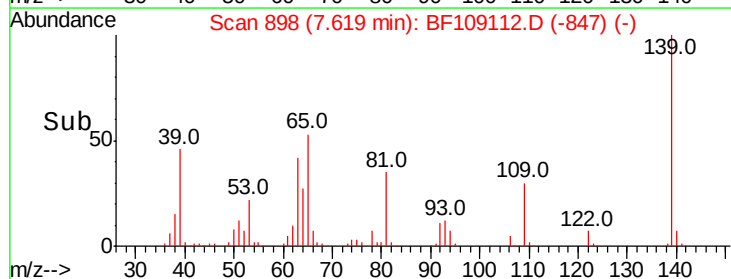
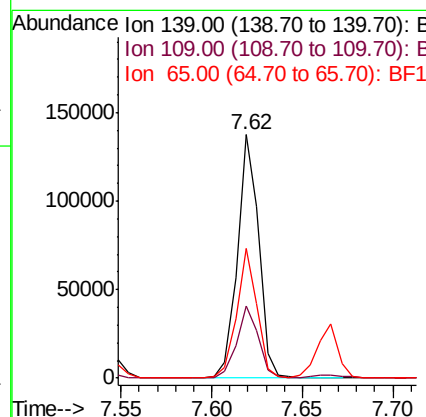
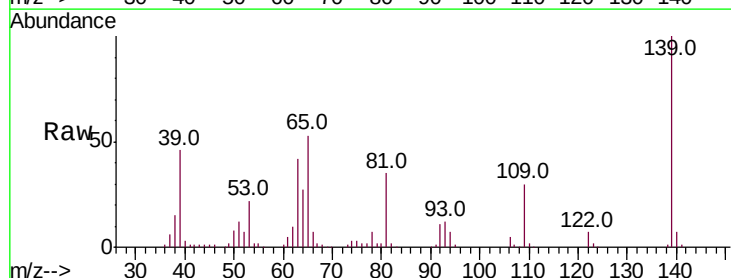
RT: 7.62 min Scan# 898

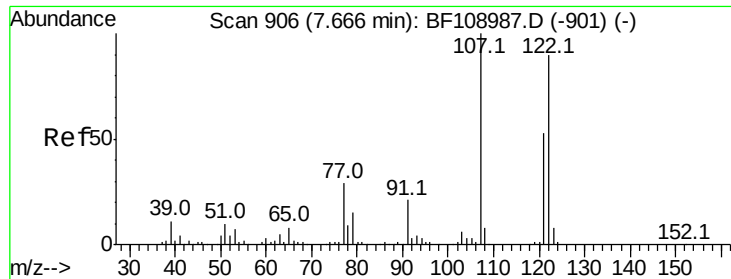
Delta R.T. 0.00 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

Tgt Ion:	139	Resp:	112503
Ion Ratio	Lower	Upper	
139	100		
109	29.6	22.7	34.1
65	53.3	40.5	60.7





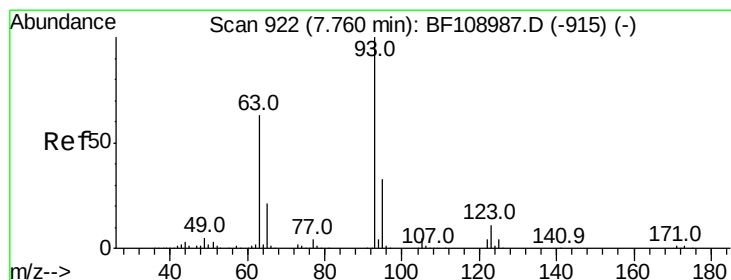
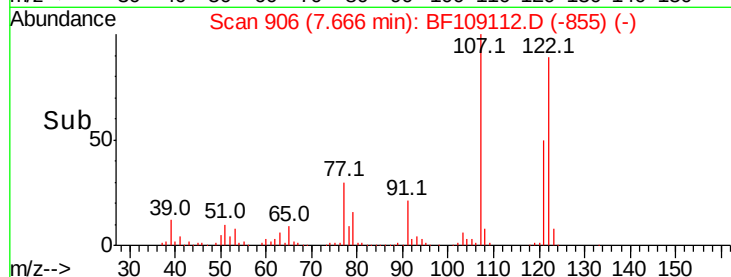
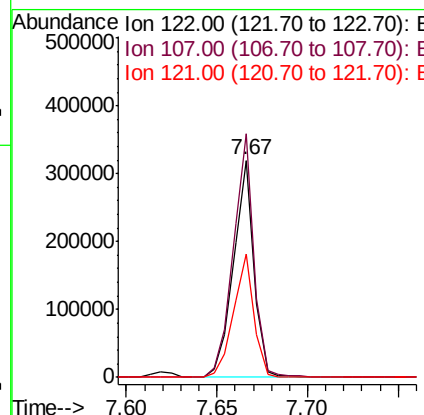
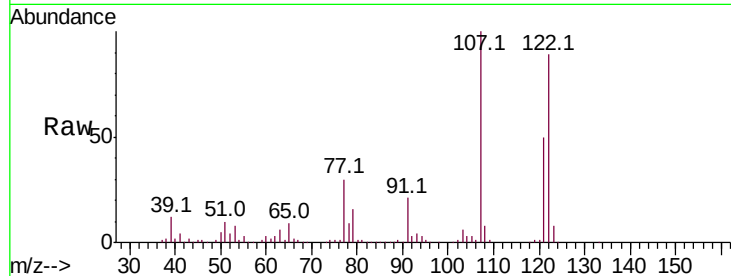
#27
2,4-Dimethylphenol
Concen: 37.851 ng
RT: 7.67 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	253280		
107	112.1		91.2	136.8
121	56.6		47.2	70.8

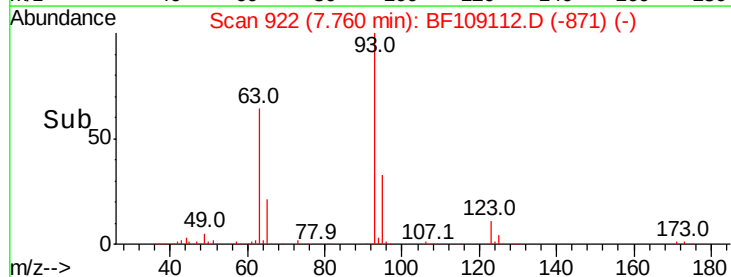
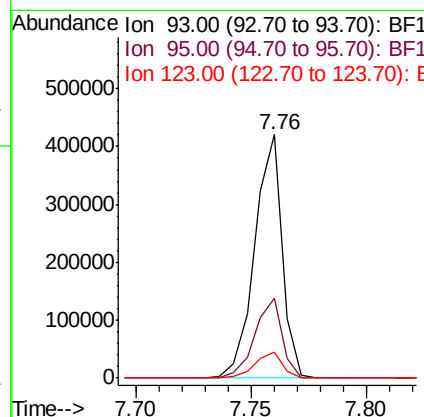
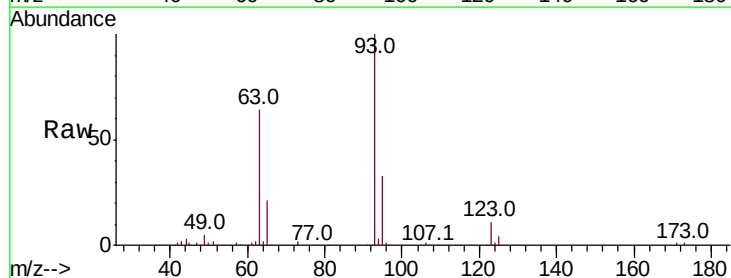
Manual Integrations
APPROVED

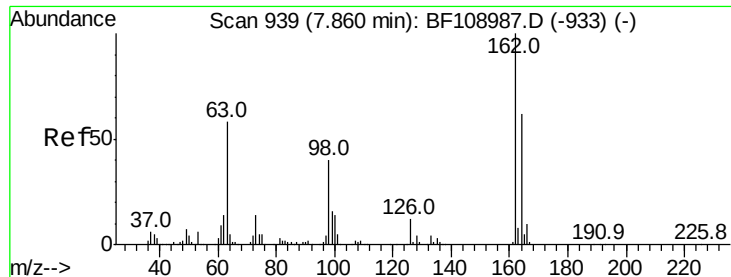
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 34.216 ng
RT: 7.76 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	350710		
95	32.9		26.3	39.5
123	10.8		9.8	14.6





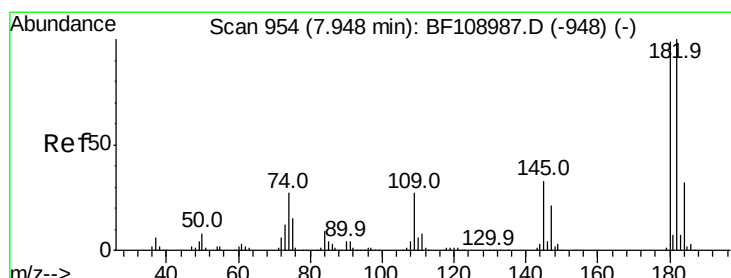
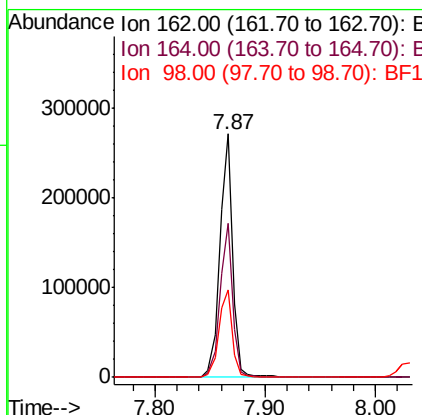
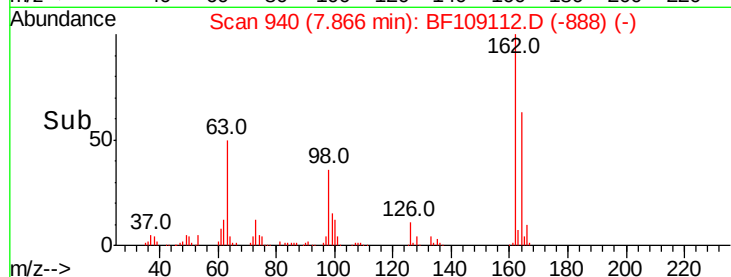
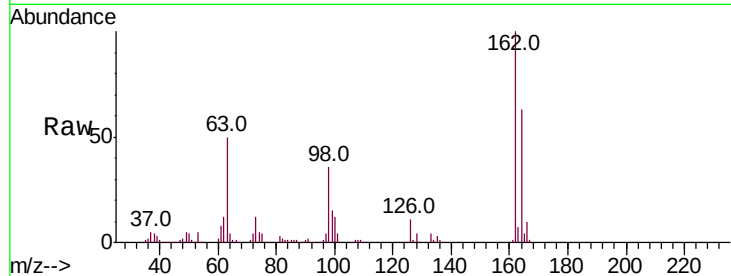
#29
2,4-Dichlorophenol
Concen: 30.593 ng
RT: 7.87 min Scan# 940
Delta R.T. 0.01 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MS

Tot Ion:	162	Resp:	218150
Ion Ratio	Lower	Upper	
162	100		
164	63.3	42.7	82.7
98	35.8	18.1	58.1

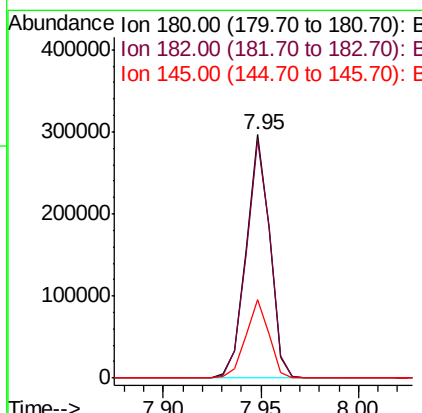
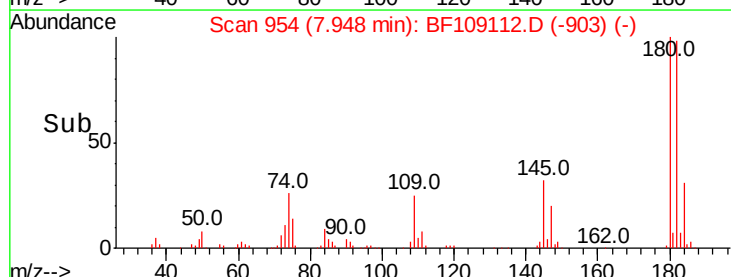
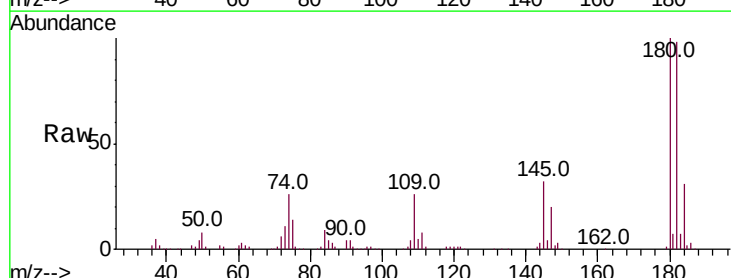
Manual Integrations
APPROVED

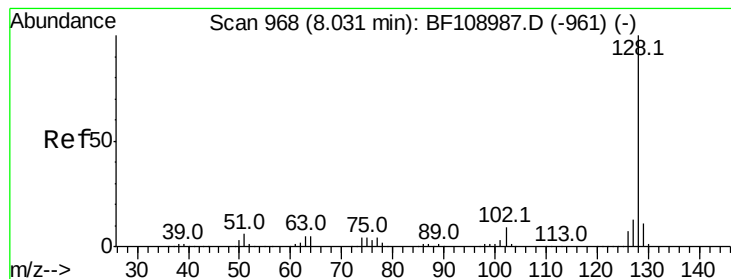
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 32.124 ng
RT: 7.95 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Tgt Ion:	180	Resp:	247615
Ion Ratio	Lower	Upper	
180	100		
182	98.1	76.8	115.2
145	32.1	26.5	39.7





#31

Naphthalene

Concen: 43.943 ng

RT: 8.03 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

Instrument :

BNA_F

ClientSampleId :

BACKFILL-SW2MS

Tot Ion:128 Resp: 1013633

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

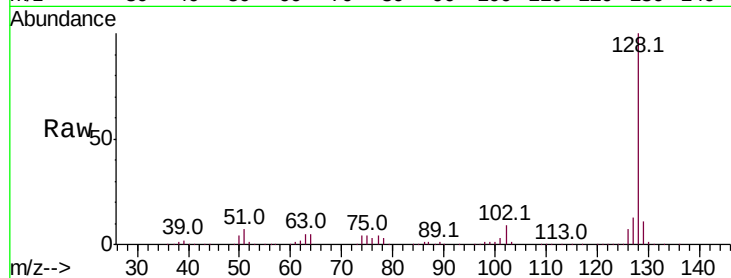
127 13.4 10.9 16.3

Manual Integrations

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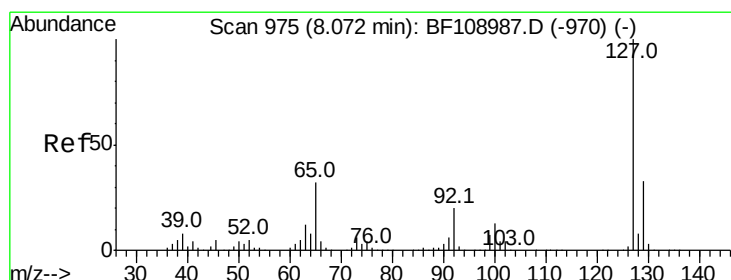
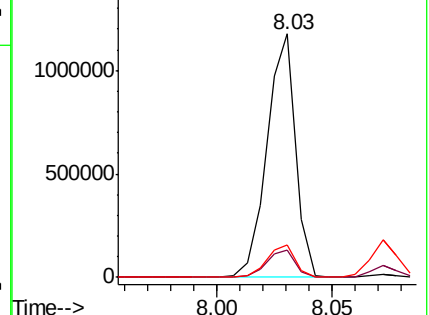
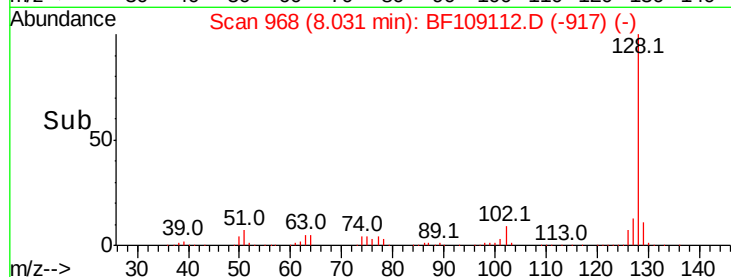
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 14.579 ng

RT: 8.07 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

Tgt Ion:127 Resp: 149527

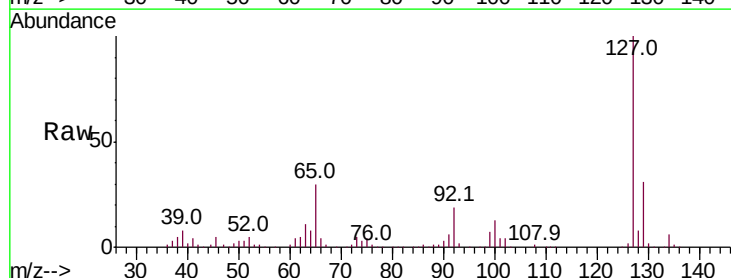
Ion Ratio Lower Upper

127 100

129 31.4 25.9 38.9

65 29.6 25.0 37.4

92 18.9 15.2 22.8

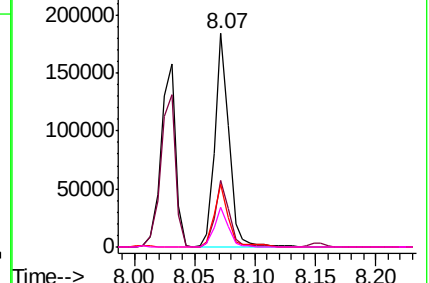
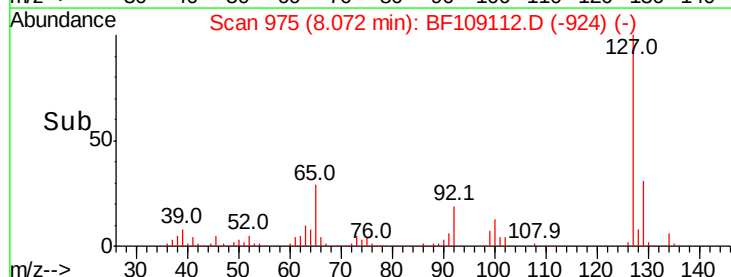


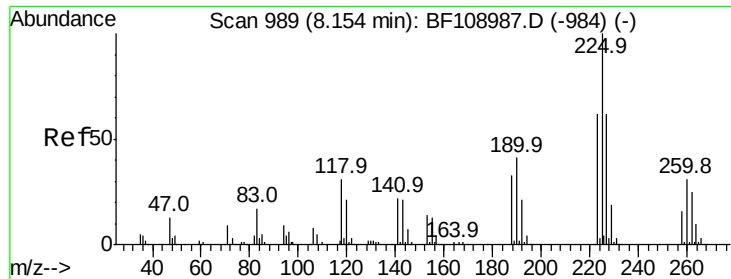
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#34

Hexachlorobutadiene

Concen: 31.845 ng

RT: 8.15 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

Instrument :

BNA_F

ClientSampleId :

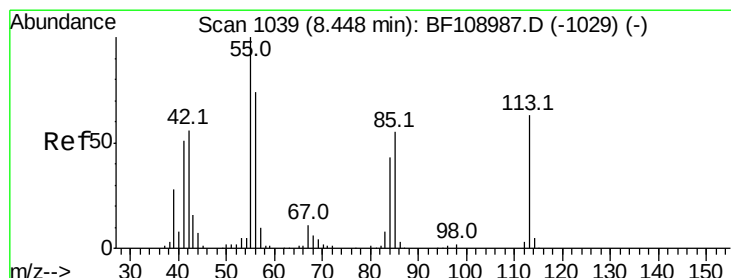
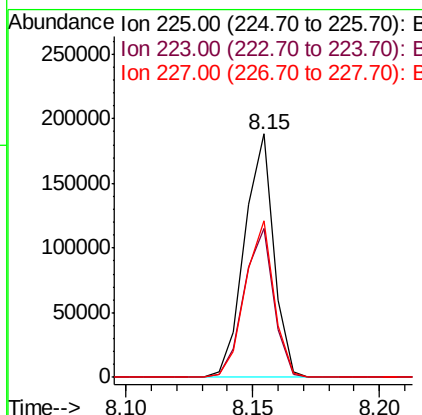
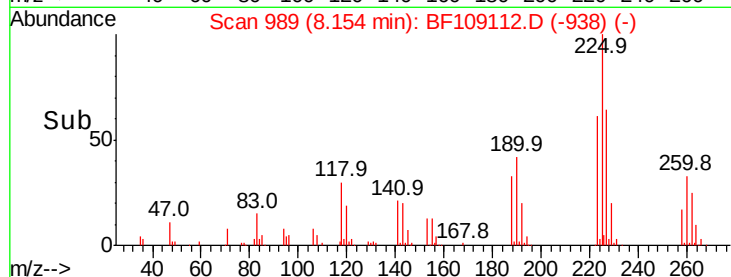
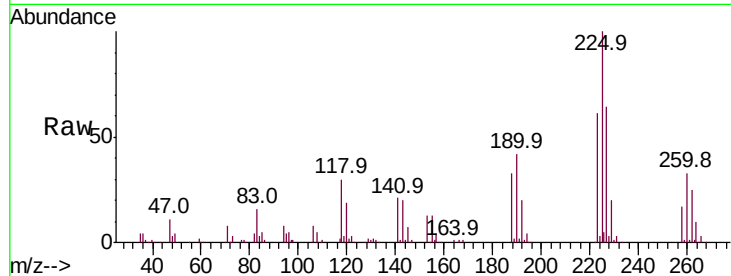
BACKFILL-SW2MS

Tot Ion:	225	Resp:	149856
Ion Ratio	Lower	Upper	
225	100		
223	61.1	50.6	76.0
227	64.2	51.9	77.9

Manual Integrations
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#35

Caprolactam

Concen: 24.497 ng m

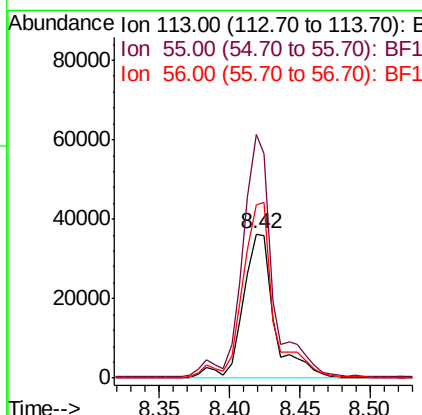
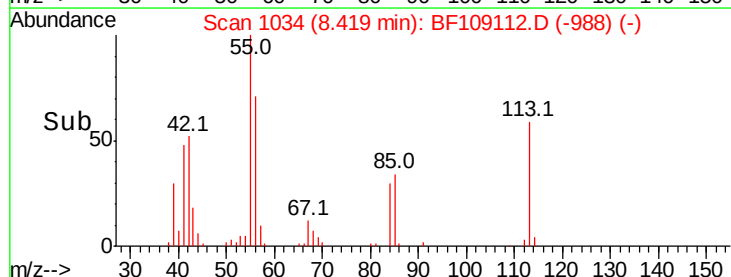
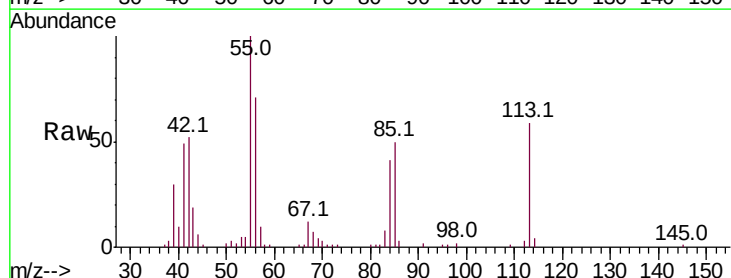
RT: 8.42 min Scan# 1034

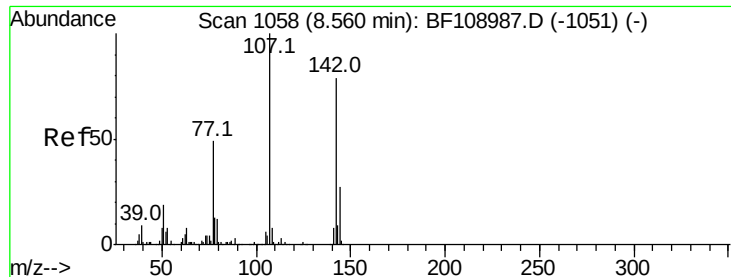
Delta R.T. -0.03 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

Tgt Ion:	113	Resp:	56950
Ion Ratio	Lower	Upper	
113	100		
55	168.6	163.3	203.3
56	120.2	115.7	155.7





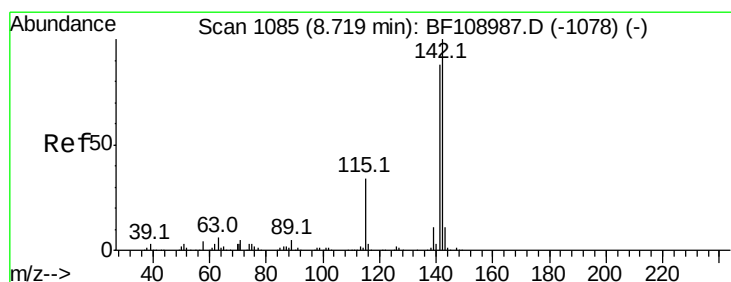
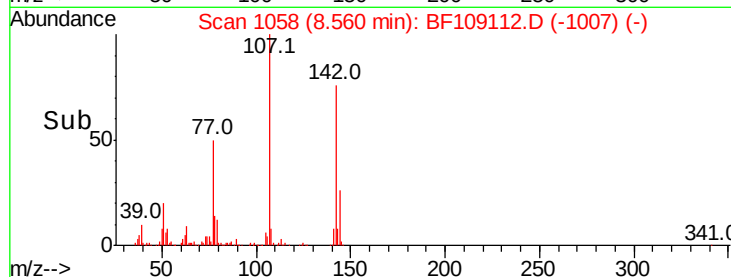
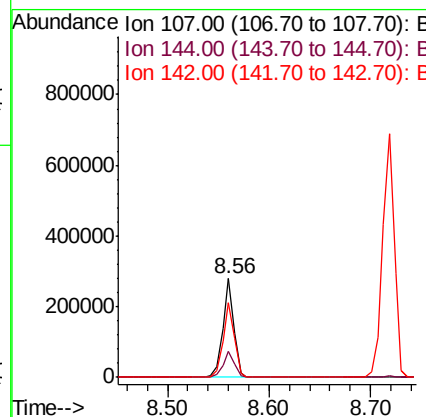
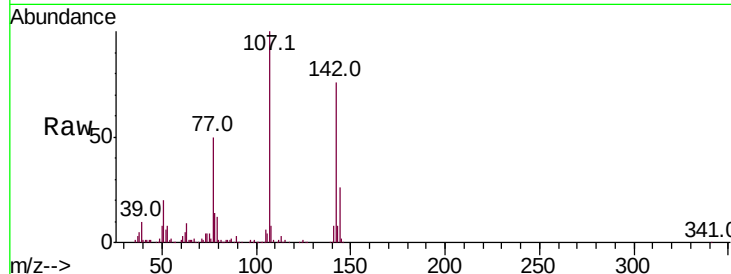
#36
4-Chloro-3-methylphenol
Concen: 28.086 ng
RT: 8.56 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	210825		
144	26.1	20.5	30.7	
142	75.8	62.0	93.0	

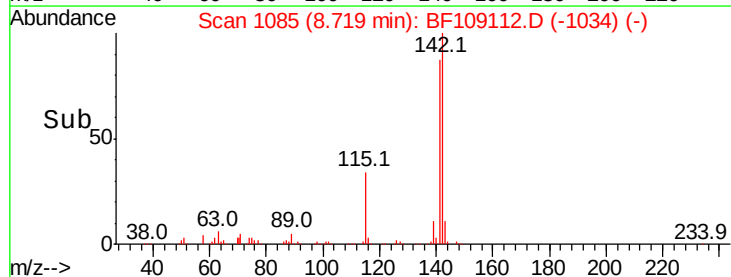
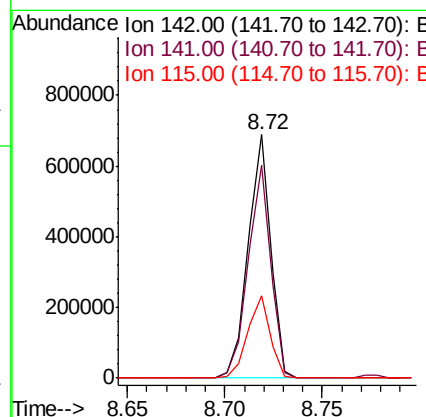
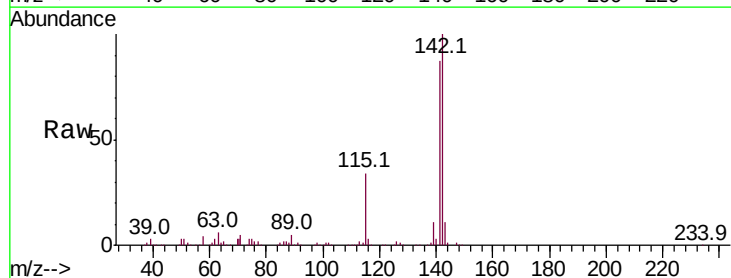
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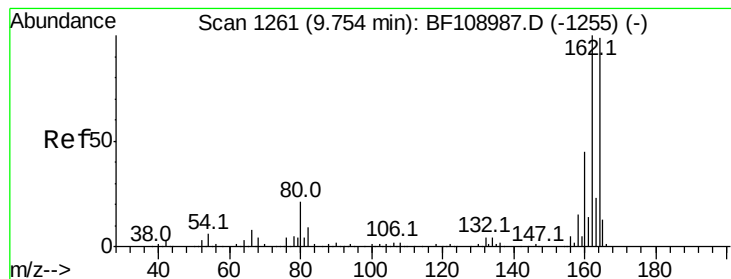
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#37
2-Methylnaphthalene
Concen: 36.992 ng
RT: 8.72 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	556237		
141	87.4	70.8	106.2	
115	33.8	26.1	39.1	





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

Instrument :

BNA_F

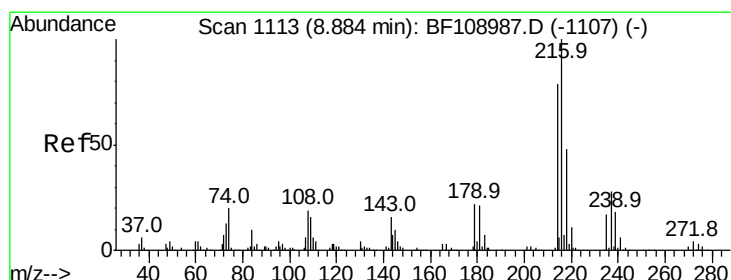
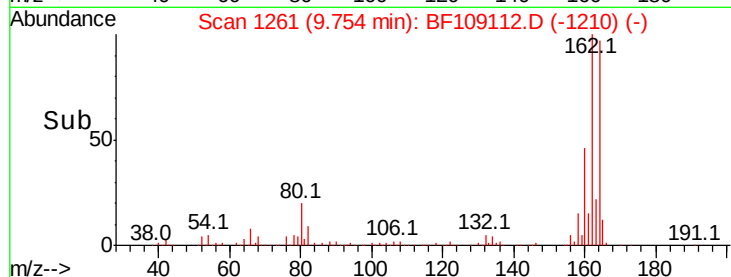
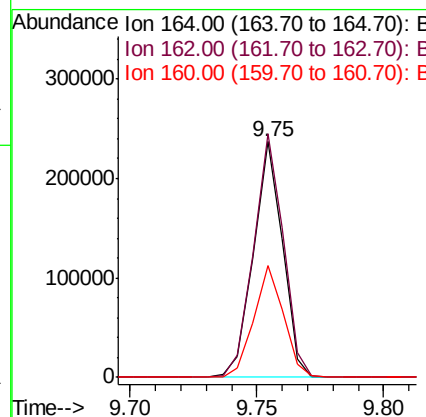
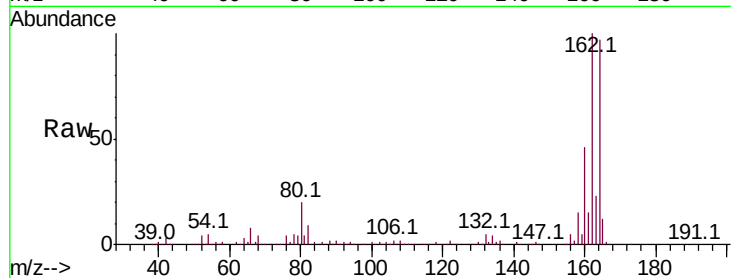
ClientSampleId :

BACKFILL-SW2MS

Tot Ion:	164	Resp:	190313
Ion Ratio	Lower	Upper	
164	100		
162	103.3	86.1	129.1
160	47.5	38.3	57.5

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.906 ng

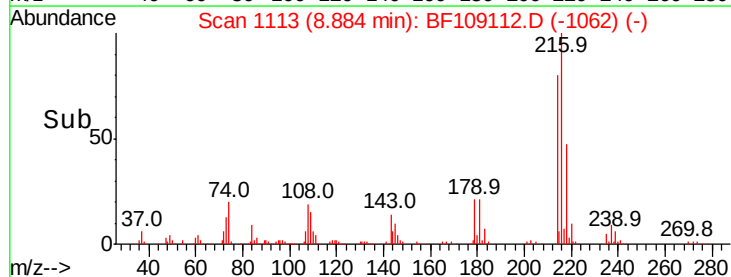
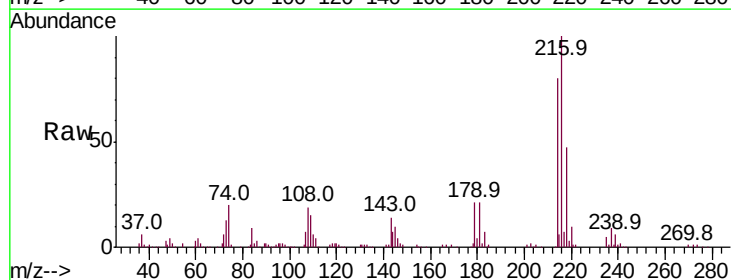
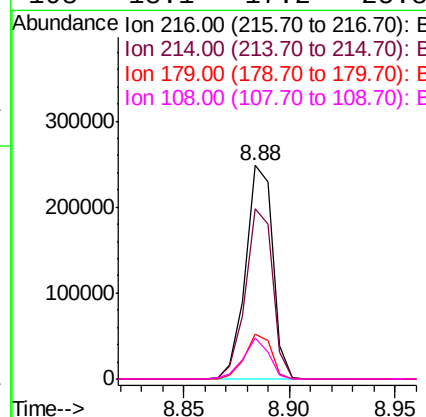
RT: 8.88 min Scan# 1113

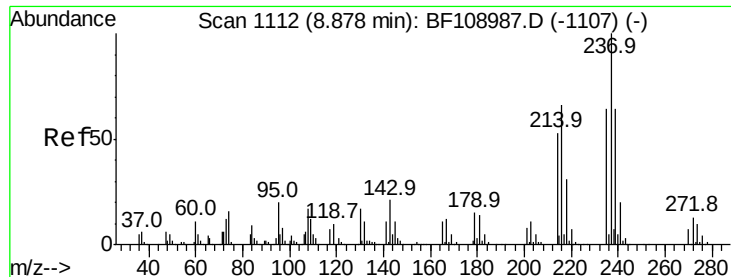
Delta R.T. 0.00 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

Tgt Ion:	216	Resp:	221062
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.0	94.4
179	20.7	18.1	27.1
108	18.1	17.2	25.8





#40

Hexachlorocyclopentadiene

Concen: 17.129 ng

RT: 8.88 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

Instrument :

BNA_F

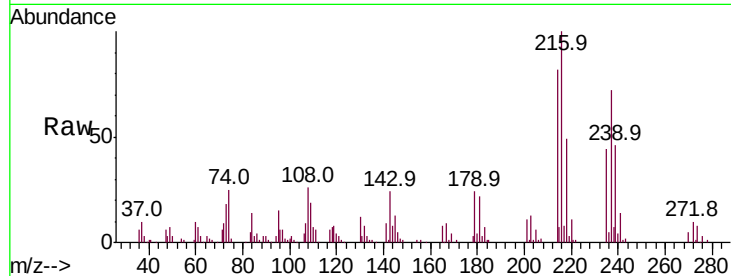
ClientSampleId :

BACKFILL-SW2MS

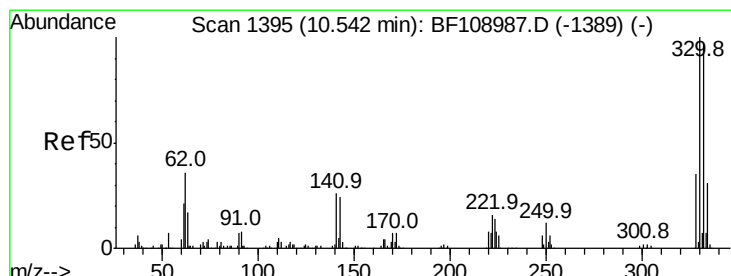
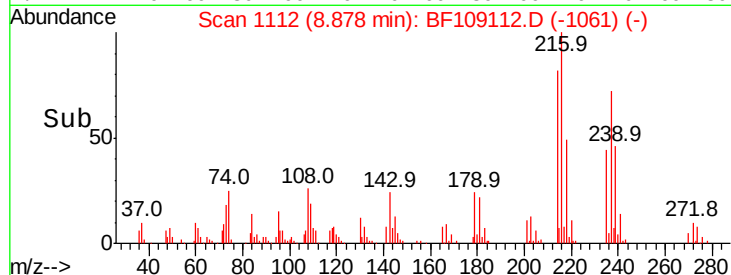
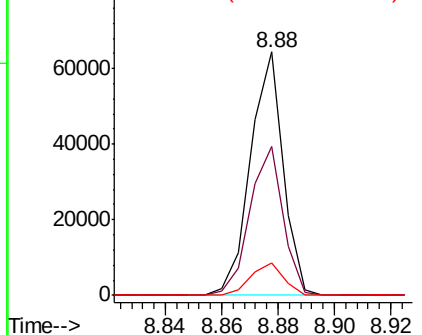
Tot Ion:	237	Resp:	51696
Ion Ratio	Lower	Upper	
237	100		
235	61.4	44.8	84.8
272	13.5	0.0	33.3

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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: 102.825 ng

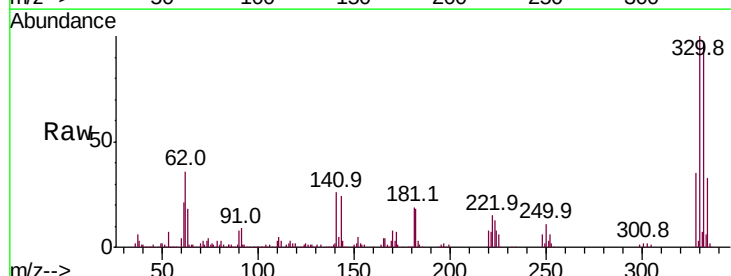
RT: 10.54 min Scan# 1395

Delta R.T. 0.00 min

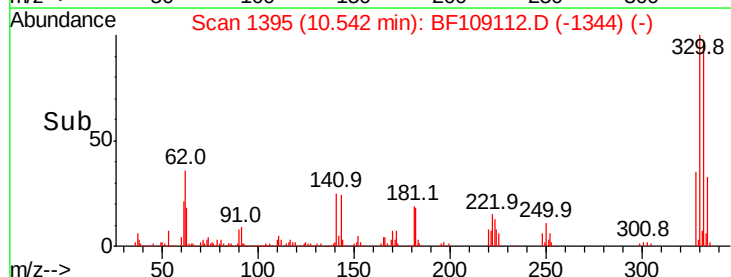
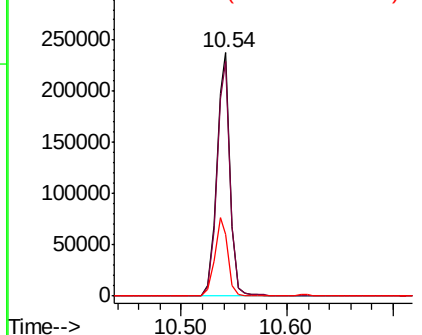
Lab File: BF109112.D

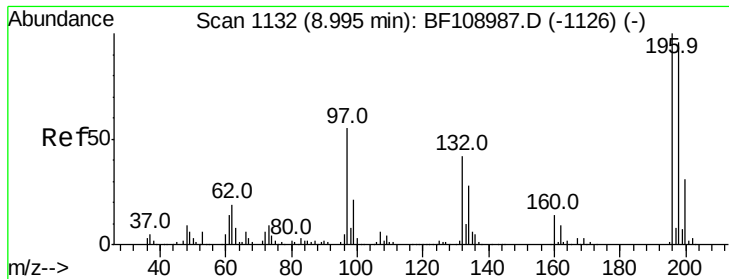
Acq: 18 Sep 2018 22:44

Tgt Ion:	330	Resp:	212375
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.0	115.6
141	32.7	29.9	44.9



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





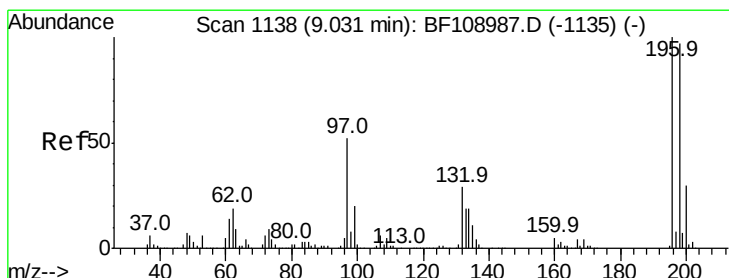
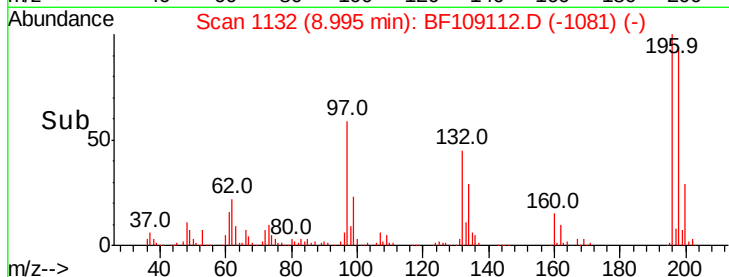
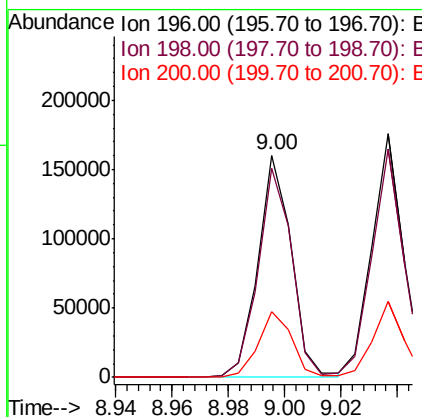
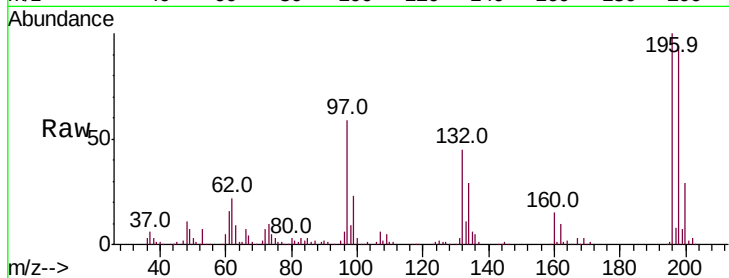
#42
 2,4,6-Trichlorophenol
 Concen: 32.675 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF109112.D
 Acq: 18 Sep 2018 22:44

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-SW2MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	131555		
198	94.3	75.7	113.5	
200	29.4	24.5	36.7	

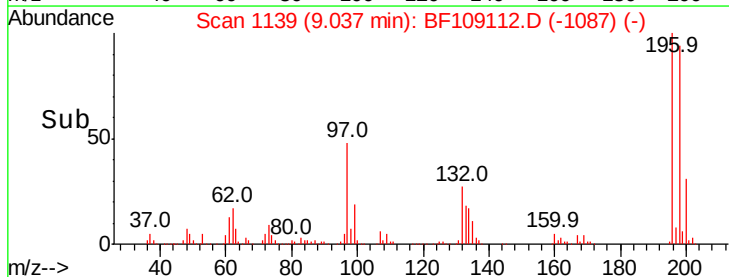
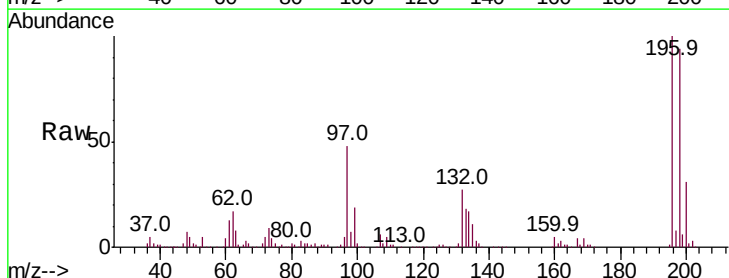
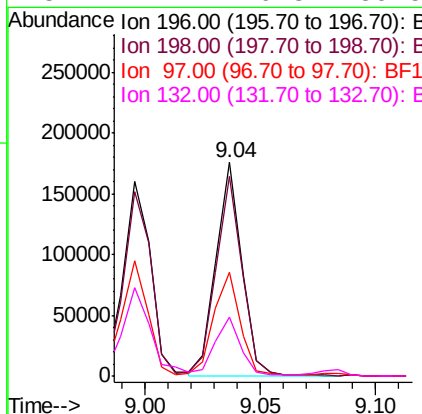
Manual Integrations
 APPROVED

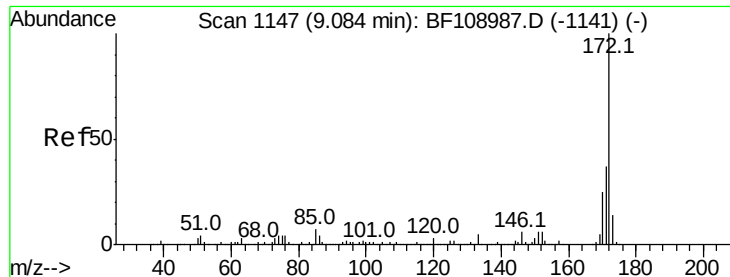
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#43
 2,4,5-Trichlorophenol
 Concen: 32.348 ng
 RT: 9.04 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF109112.D
 Acq: 18 Sep 2018 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	136098		
198	93.7	74.6	112.0	
97	48.3	42.9	64.3	
132	27.4	26.3	39.5	





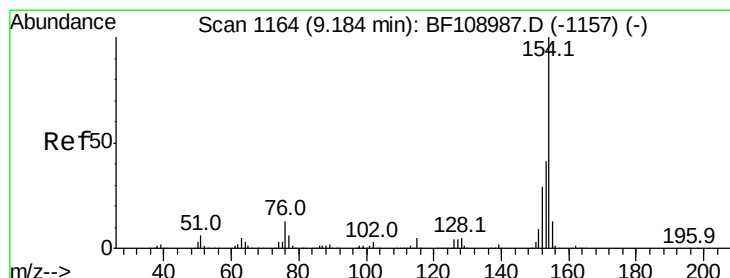
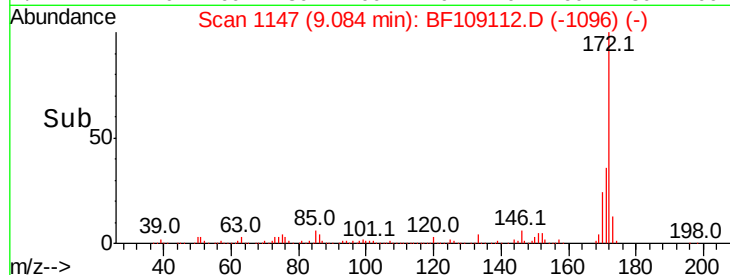
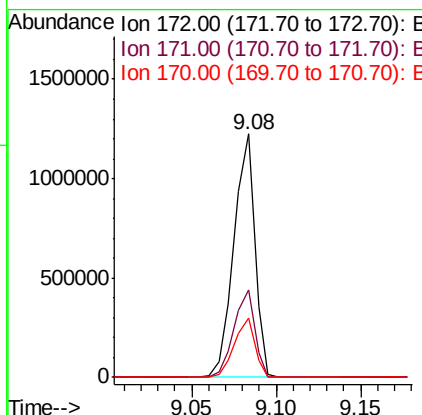
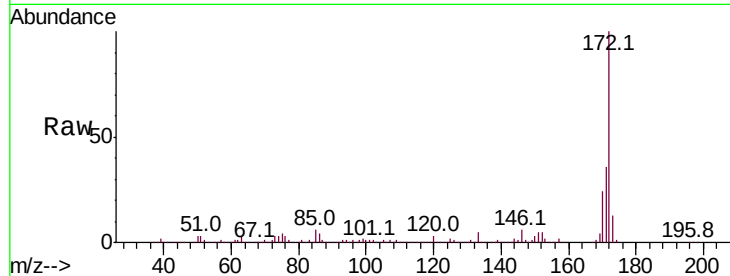
#44
2-Fluorobiphenyl
Concen: 87.082 ng
RT: 9.08 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MS

Tot Ion:172 Resp: 1057804
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.5 19.6 29.4

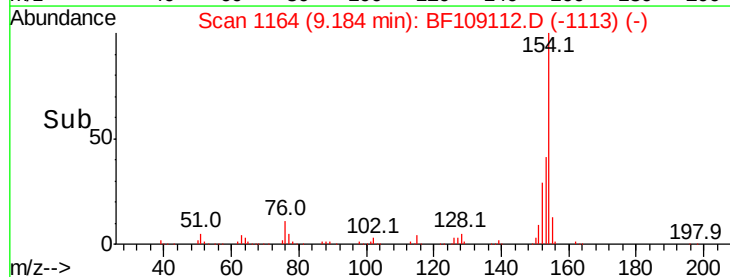
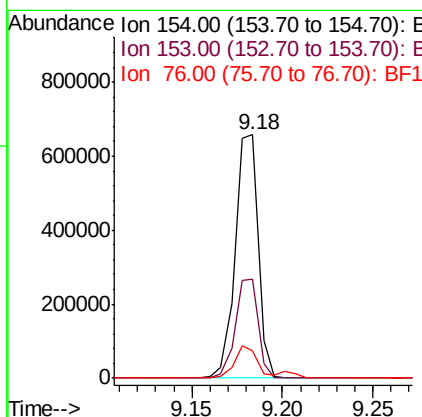
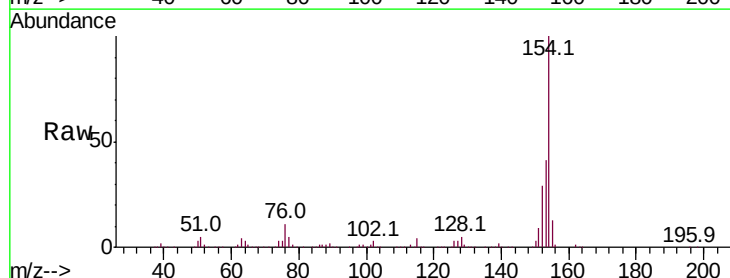
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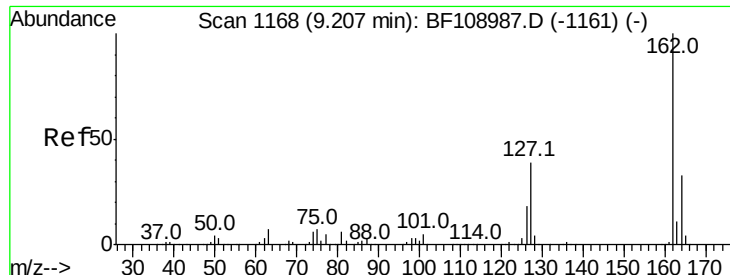
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#45
1,1'-Biphenyl
Concen: 38.248 ng
RT: 9.18 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Tgt Ion:154 Resp: 582353
Ion Ratio Lower Upper
154 100
153 40.5 21.3 61.3
76 11.2 0.0 34.0





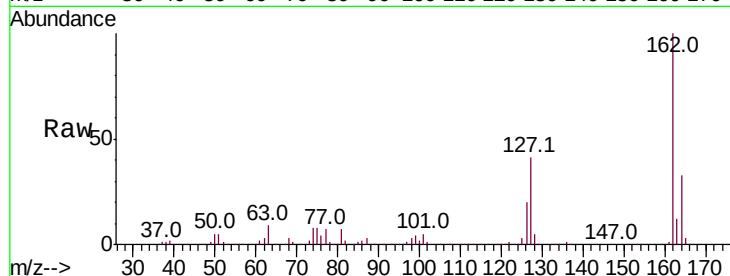
#46
 2-Chloronaphthalene
 Concen: 35.156 ng
 RT: 9.20 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF109112.D
 Acq: 18 Sep 2018 22:44

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-SW2MS

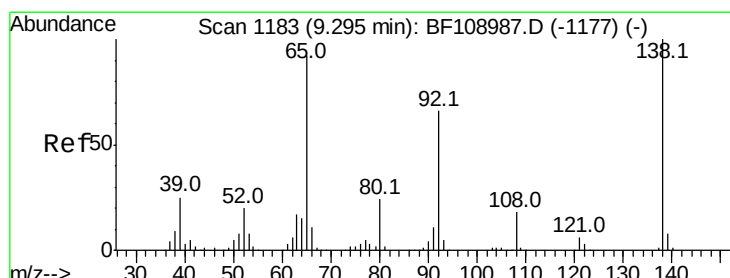
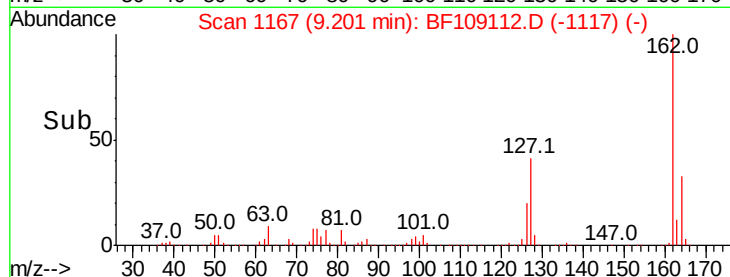
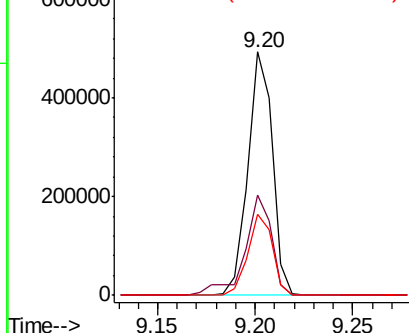
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	41.3	33.9	50.9		
164	33.1	26.5	39.7		

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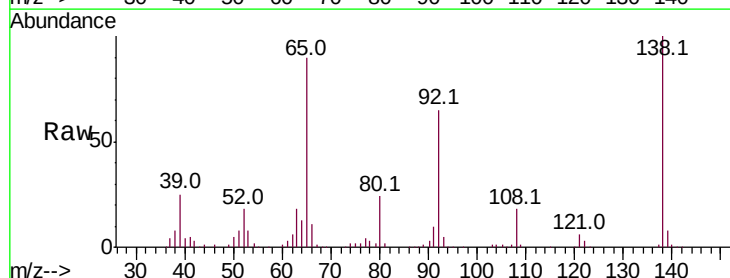


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

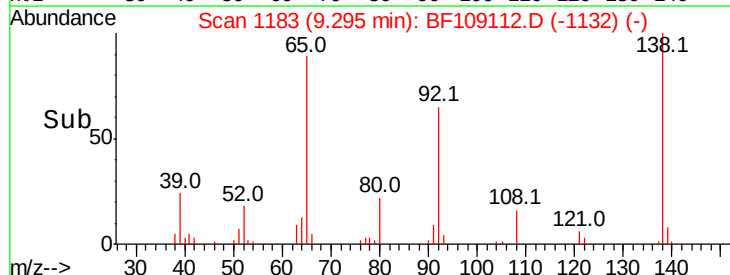
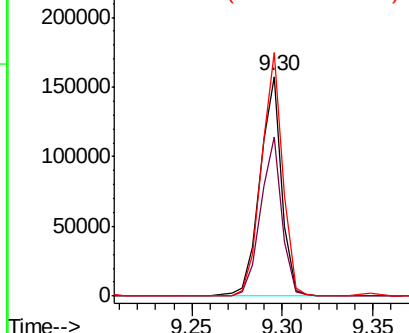


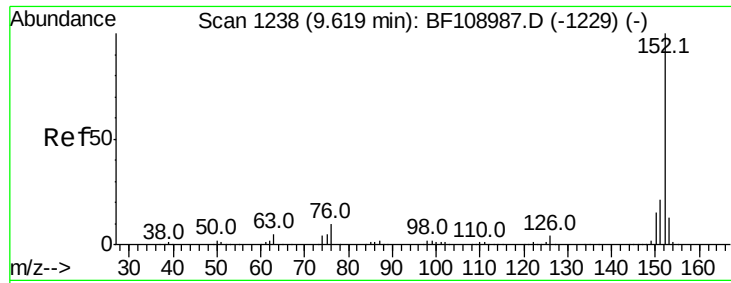
#47
 2-Nitroaniline
 Concen: 35.003 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF109112.D
 Acq: 18 Sep 2018 22:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	72.3	55.8	83.6		
138	111.0	91.2	136.8		



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 36.965 ng

RT: 9.61 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

Instrument :

BNA_F

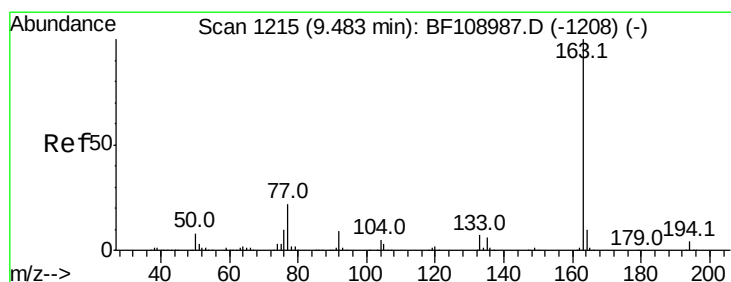
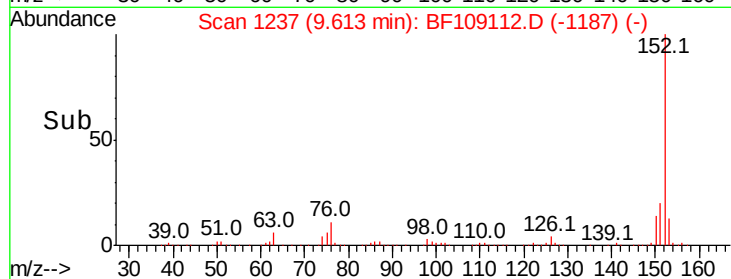
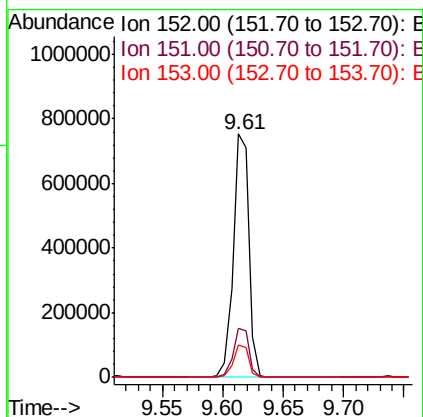
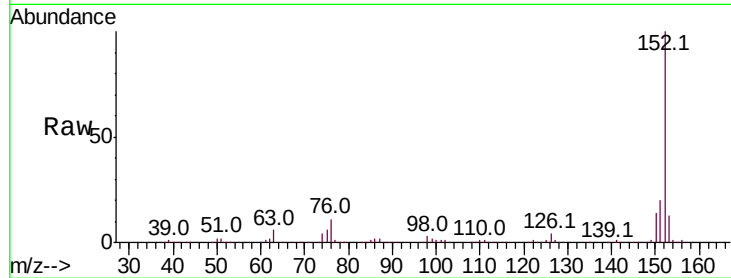
ClientSampleId :

BACKFILL-SW2MS

Tot Ion:	152	Resp:	679589
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.3	24.5
153	13.2	10.7	16.1

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#49

Dimethylphthalate

Concen: 44.276 ng

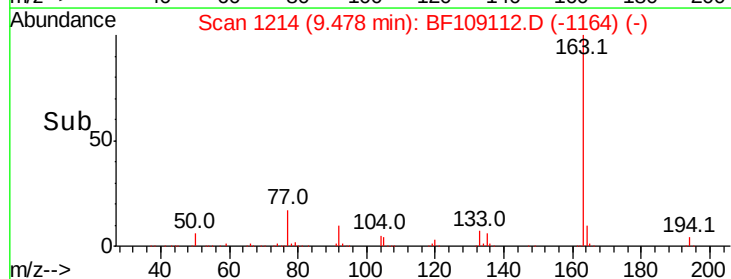
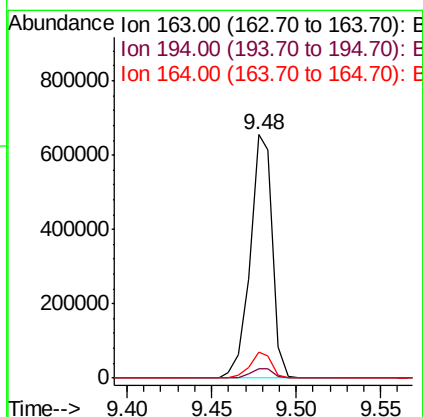
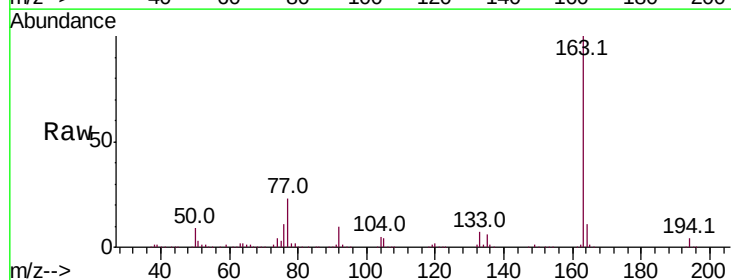
RT: 9.48 min Scan# 1214

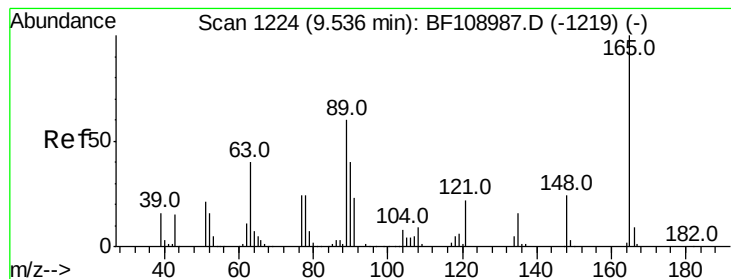
Delta R.T. -0.01 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

Tgt Ion:	163	Resp:	602260
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.7	4.1
164	10.6	8.2	12.2





#50

2,6-Dinitrotoluene

Concen: 32.695 ng

RT: 9.54 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

Instrument :

BNA_F

ClientSampleId :

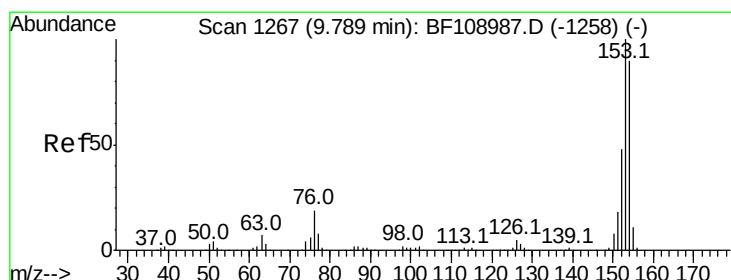
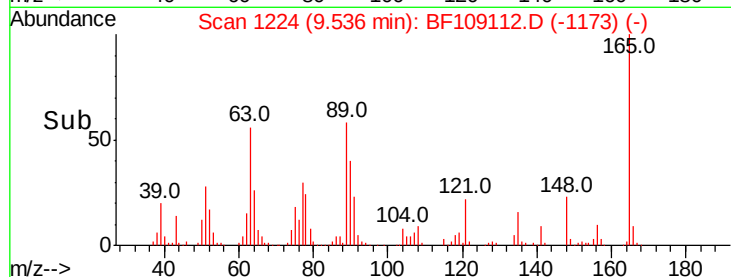
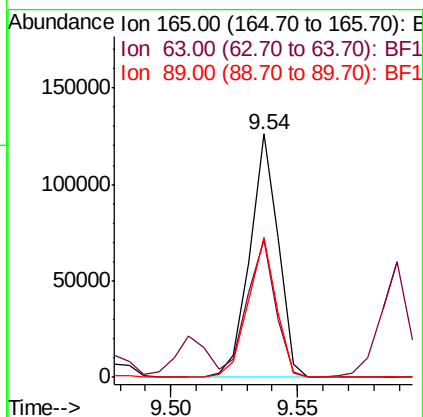
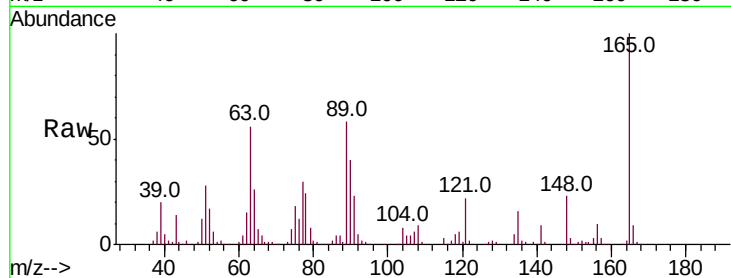
BACKFILL-SW2MS

Tot Ion:	165	Resp:	98627
Ion Ratio	Lower	Upper	
165	100		
63	56.4	44.7	67.1
89	57.7	44.0	66.0

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#51

Acenaphthene

Concen: 40.227 ng

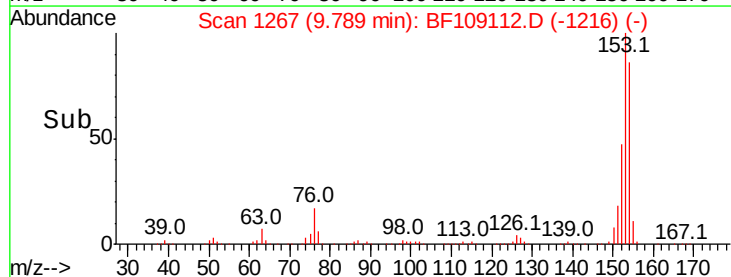
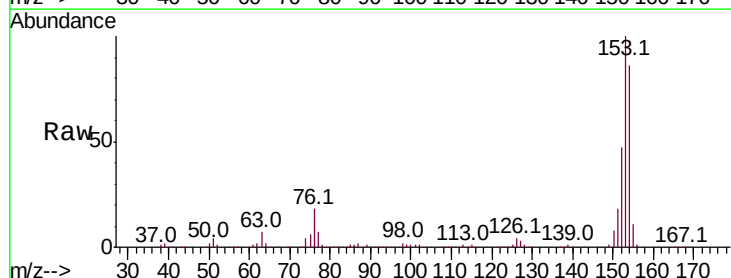
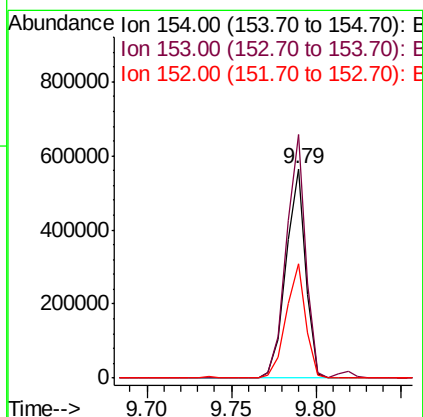
RT: 9.79 min Scan# 1267

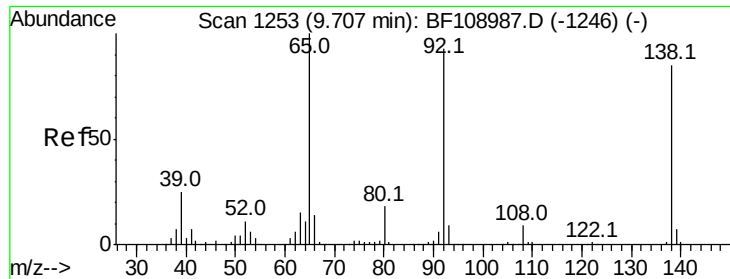
Delta R.T. 0.00 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

Tgt Ion:	154	Resp:	460514
Ion Ratio	Lower	Upper	
154	100		
153	116.2	91.2	136.8
152	54.5	43.8	65.8





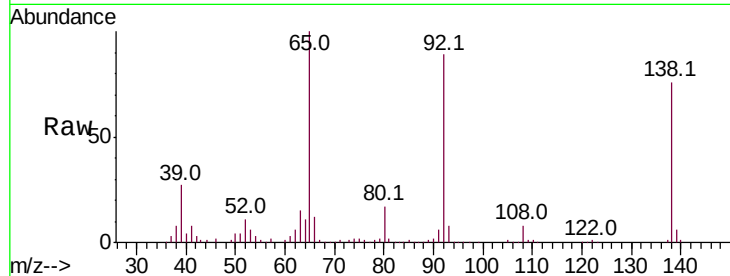
#52
3-Nitroaniline
Concen: 30.121 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.4	14.0
92	117.5	89.4	134.2

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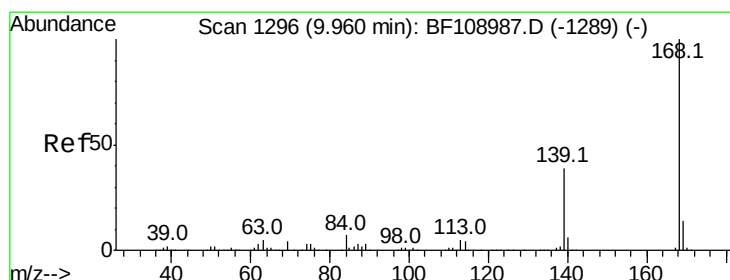
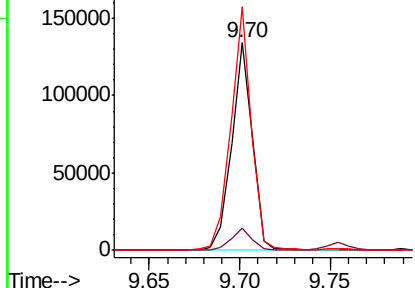
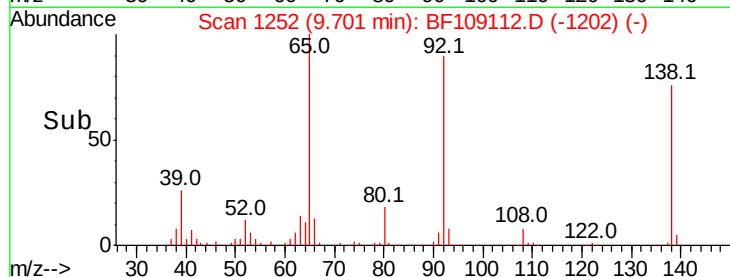


Abundance

Ion 138.00 (137.70 to 138.70): E

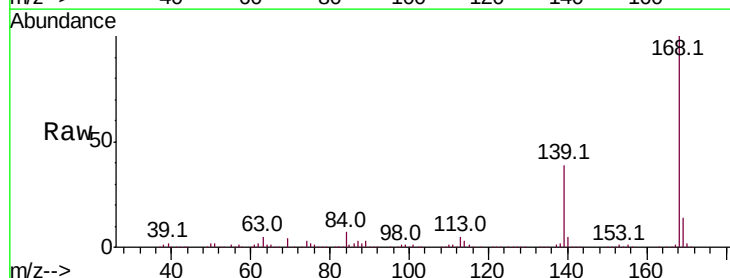
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
Dibenzofuran
Concen: 41.711 ng
RT: 9.96 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.1	45.1
169	14.4	10.9	16.3

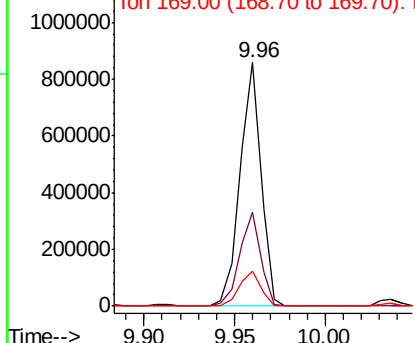
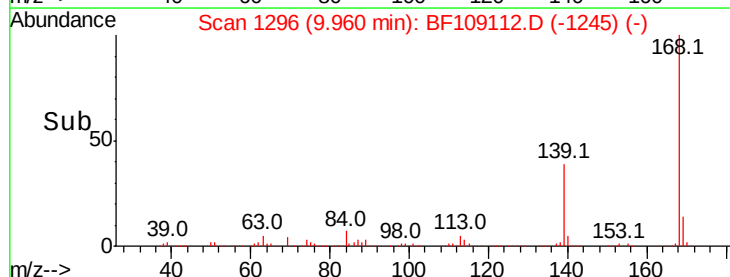


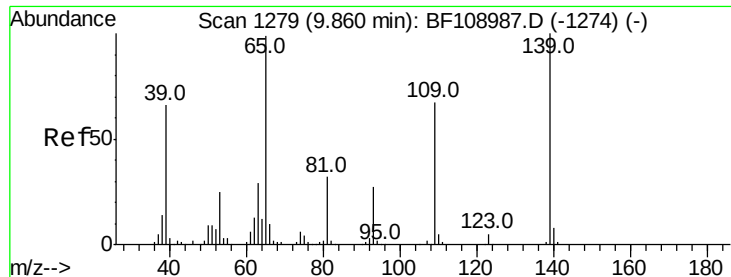
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





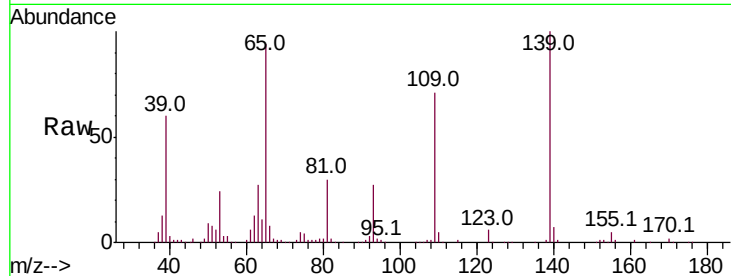
#55
4-Nitrophenol
Concen: 49.332 ng
RT: 9.87 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	129105		
109	71.0	48.4	88.4	
65	93.6	72.6	112.6	

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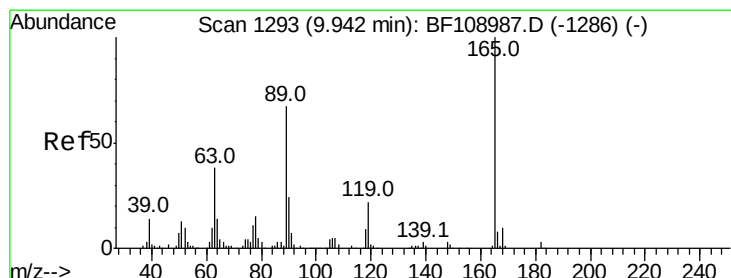
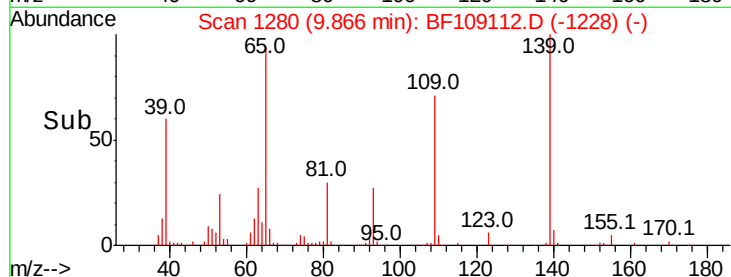
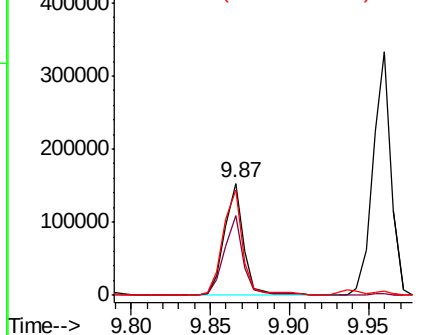


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 30.351 ng
RT: 9.94 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	119736		
63	47.6	36.4	54.6	
89	78.1	57.8	86.6	
182	3.1	1.6	2.4	#

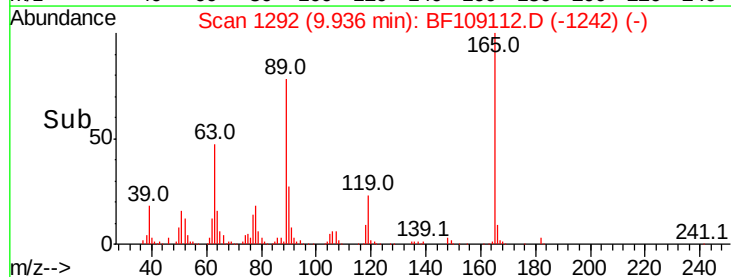
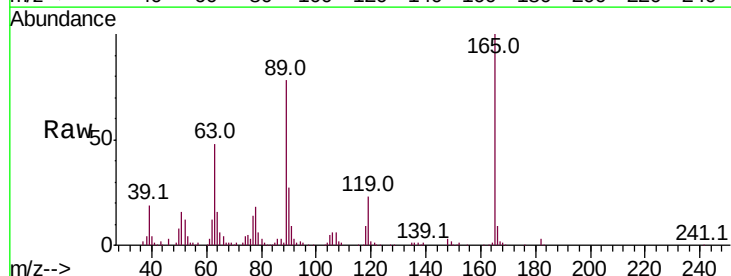
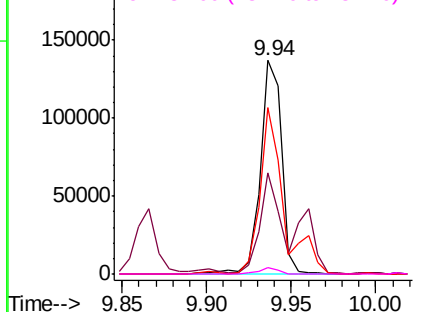
Abundance

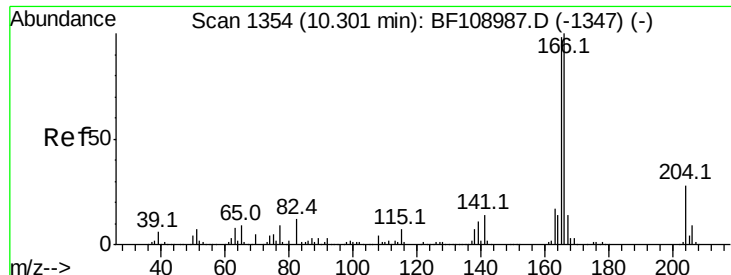
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 50.141 ng

RT: 10.30 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

Instrument :

BNA_F

ClientSampleId :

BACKFILL-SW2MS

Tot Ion:166 Resp: 552782

Ion Ratio Lower Upper

166 100

165 96.9 79.8 119.8

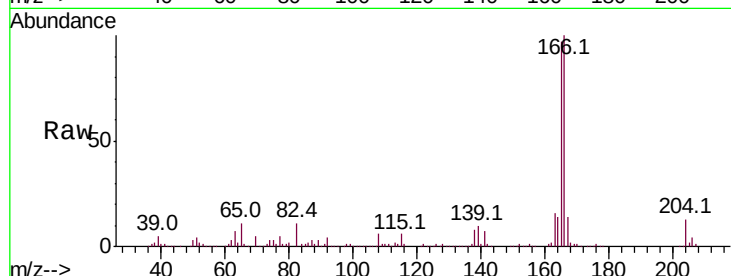
167 13.6 10.6 16.0

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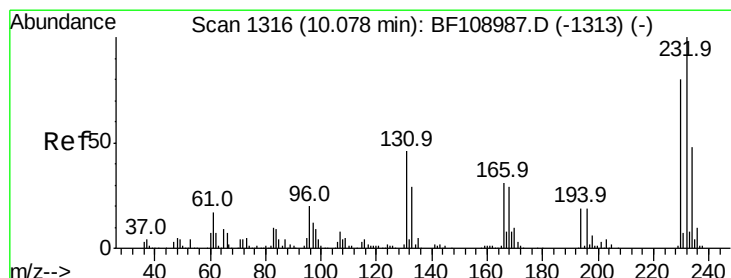
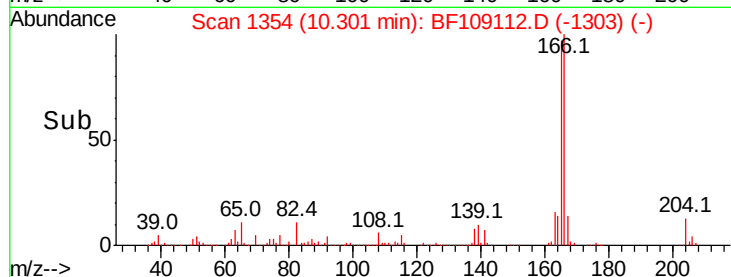
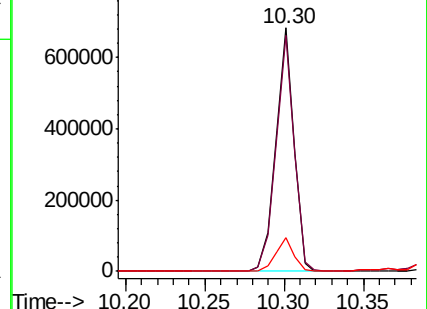
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 29.037 ng

RT: 10.08 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

Tgt Ion:232 Resp: 101159

Ion Ratio Lower Upper

232 100

131 43.8 43.8 65.8#

130 2.4 2.1 3.1

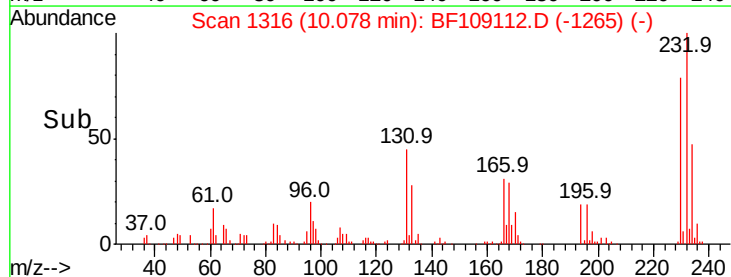
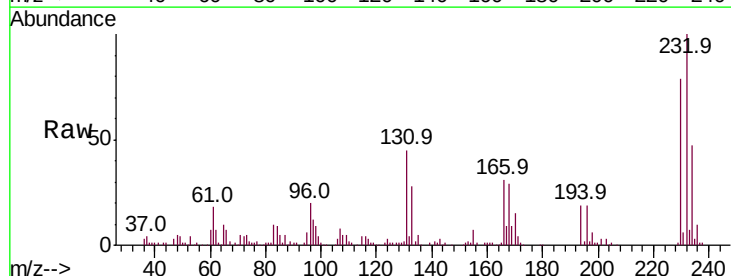
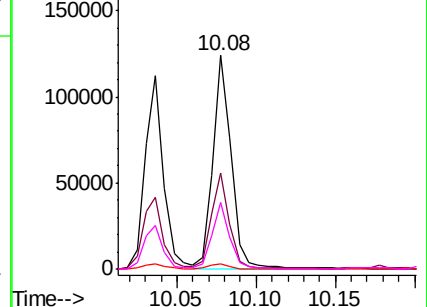
166 30.2 27.8 41.6

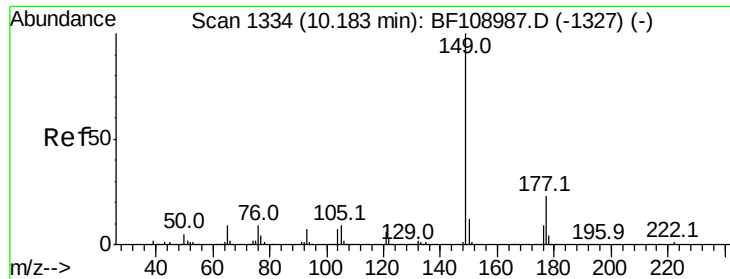
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





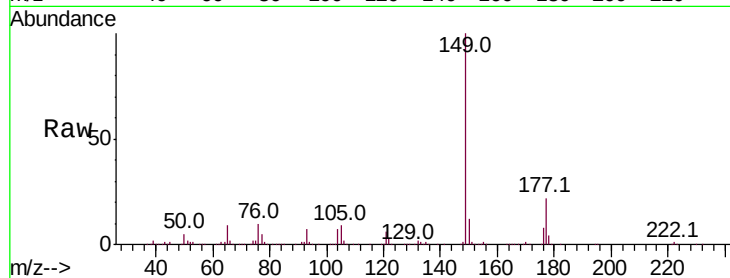
#59
Diethylphthalate
Concen: 33.214 ng
RT: 10.18 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MS

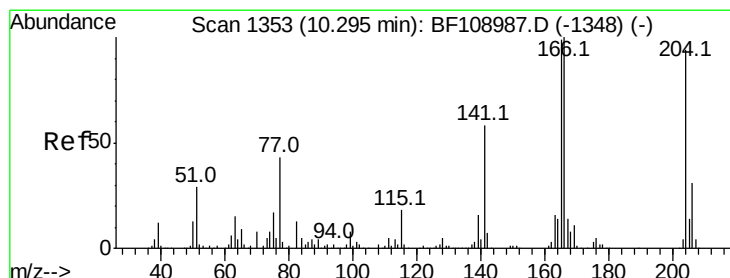
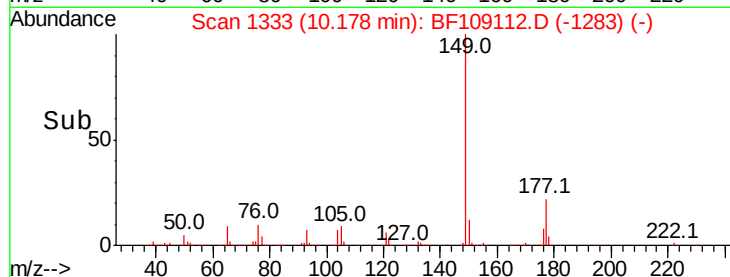
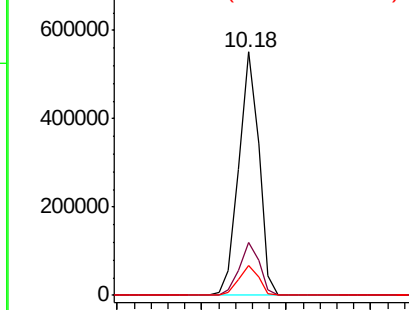
Tot Ion	Ratio	Resp	Lower	Upper
149	100	456224		
177	21.6		16.1	24.1
150	12.0		10.1	15.1

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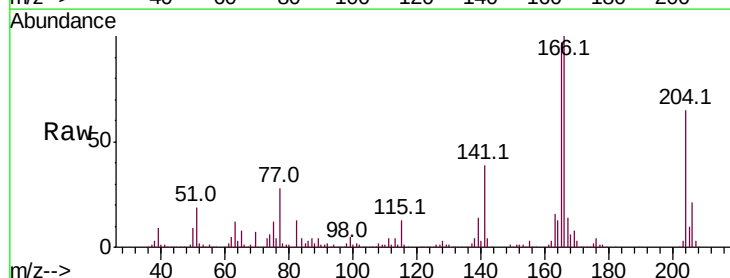


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

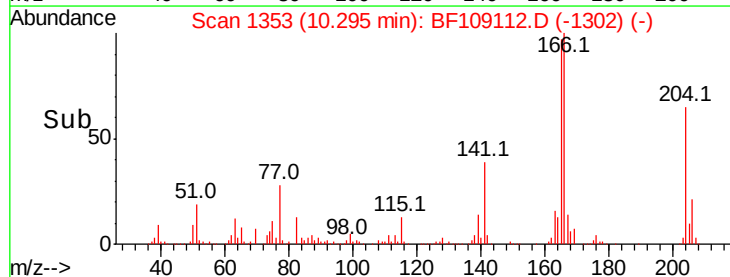
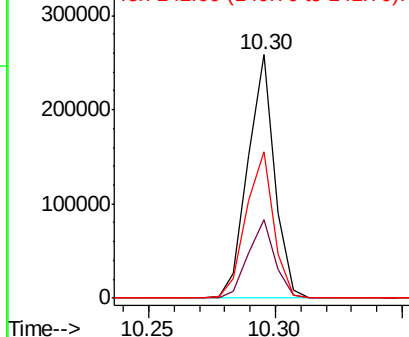


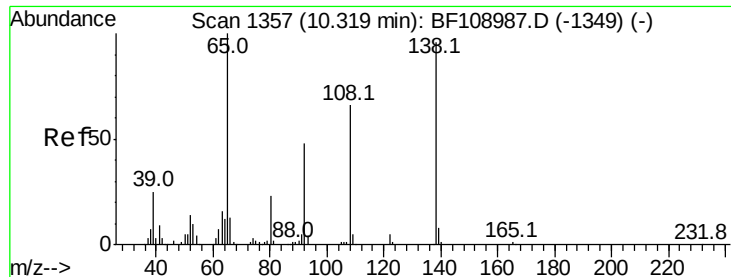
#60
4-Chlorophenyl-phenylether
Concen: 32.062 ng
RT: 10.30 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	189270		
206	32.5		26.5	39.7
141	60.0		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





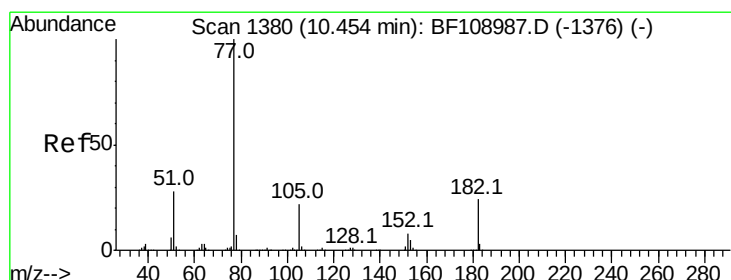
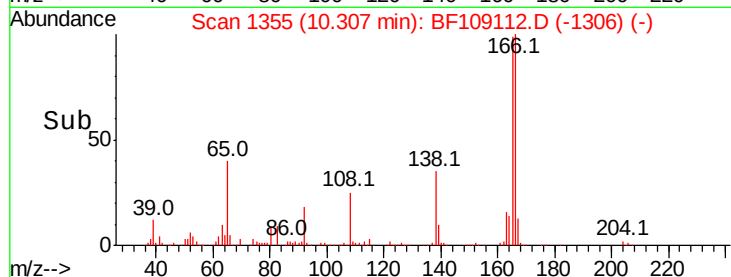
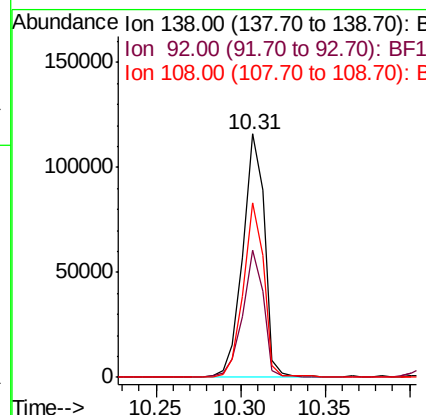
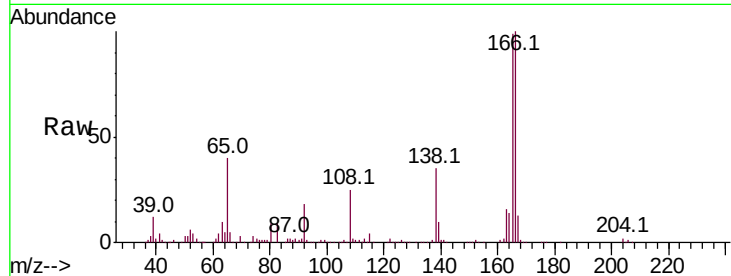
#61
4-Nitroaniline
Concen: 30.808 ng
RT: 10.31 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.3	30.2	70.2
108	71.6	52.5	92.5

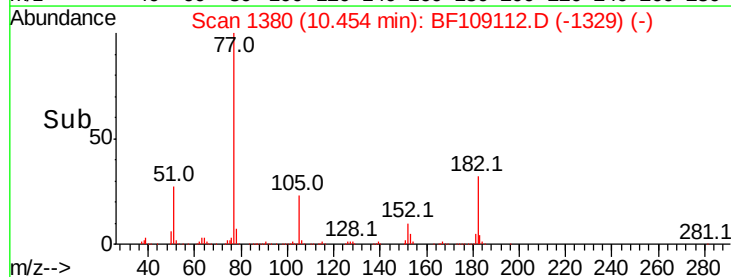
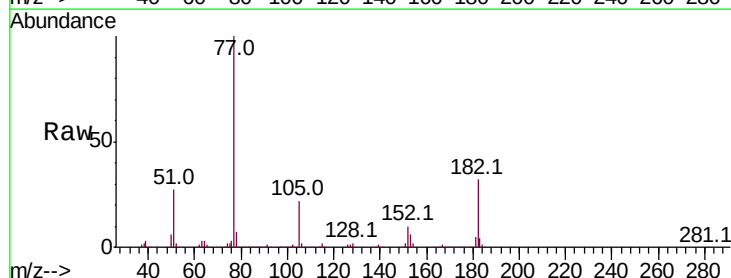
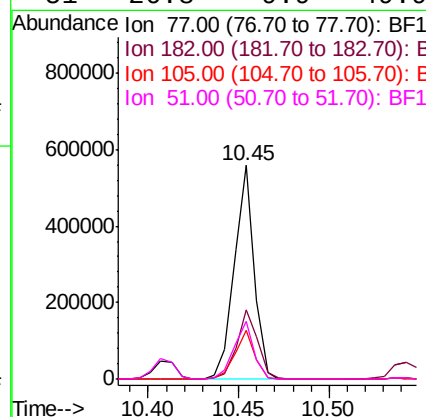
Manual Integrations
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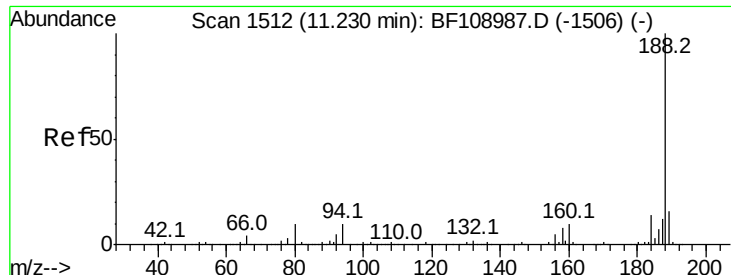
Sohil
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#62
Azobenzene
Concen: 30.175 ng
RT: 10.45 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.2	1.7	41.7
105	22.5	3.0	43.0
51	26.8	9.9	49.9





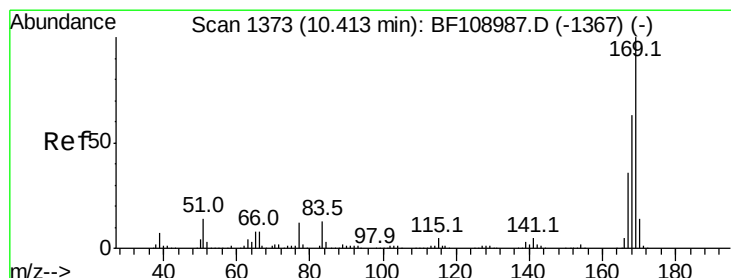
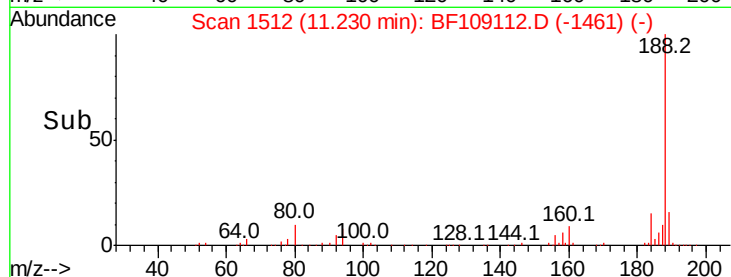
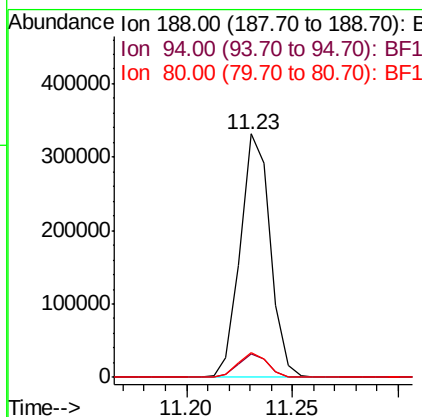
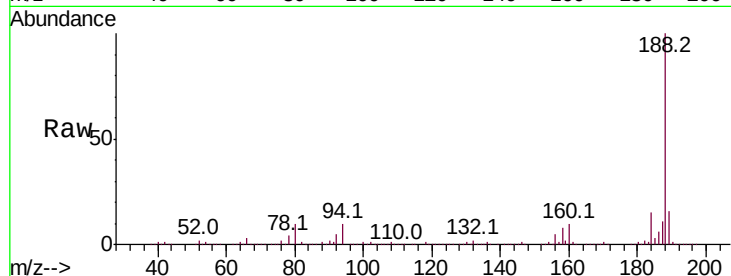
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MS

Tot Ion	188	Resp	325114
Ion Ratio	100	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.4	9.2	13.8

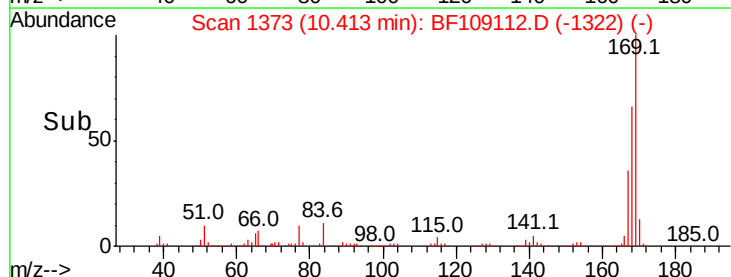
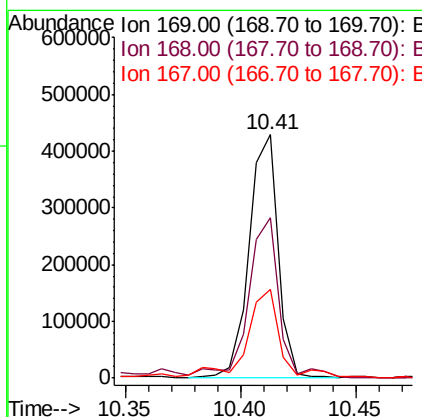
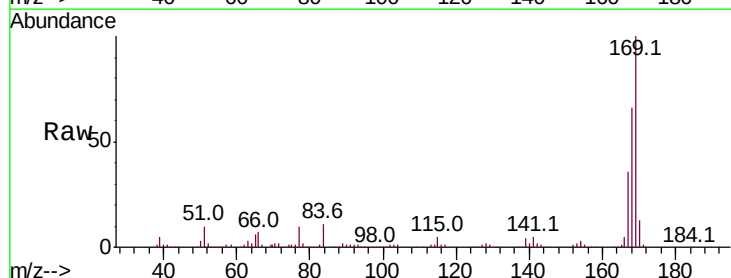
Manual Integrations
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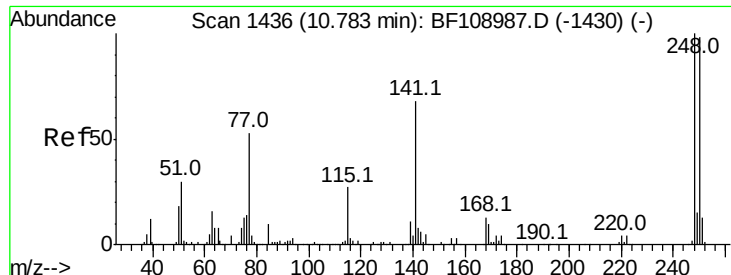
Sohil
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#65
n-Nitrosodiphenylamine
Concen: 35.247 ng
RT: 10.41 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Tgt Ion	169	Resp	374837
Ion Ratio	100	Lower	Upper
169	100		
168	65.9	54.4	81.6
167	36.3	29.8	44.6





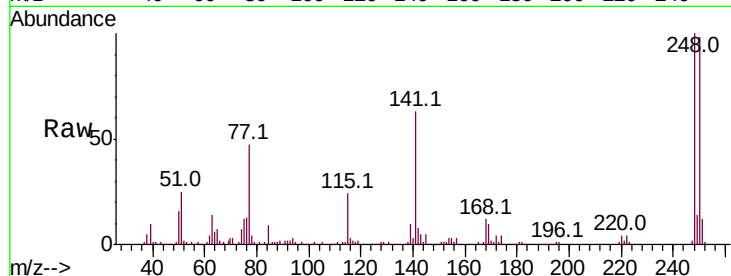
#66
4-Bromophenyl-phenylether
Concen: 33.239 ng
RT: 10.78 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.9	115.3
141	63.4	74.4	111.6

Manual Integrations
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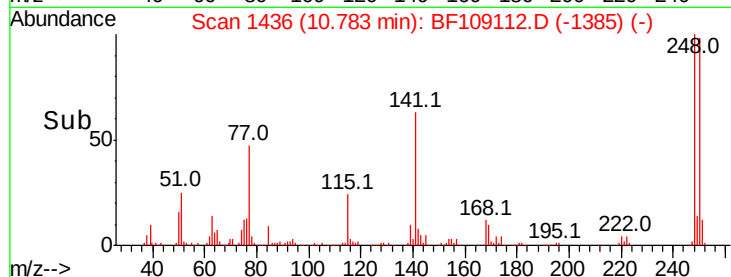
Abundance

Ion 248.00 (247.70 to 248.70): E

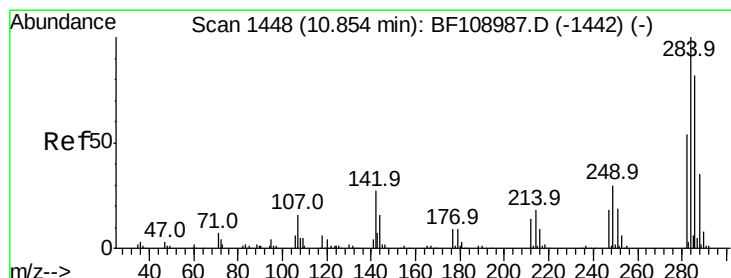
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

10.78

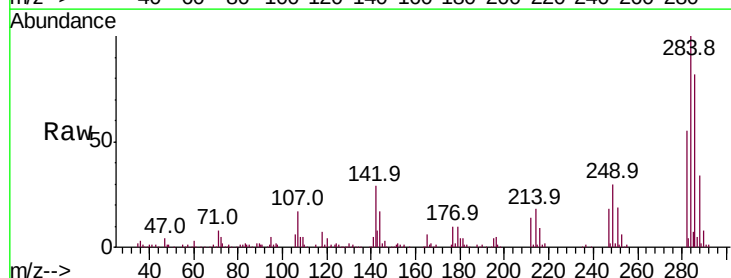


Time-->



#67
Hexachlorobenzene
Concen: 31.497 ng
RT: 10.85 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.5	34.6	52.0
249	29.5	24.8	37.2



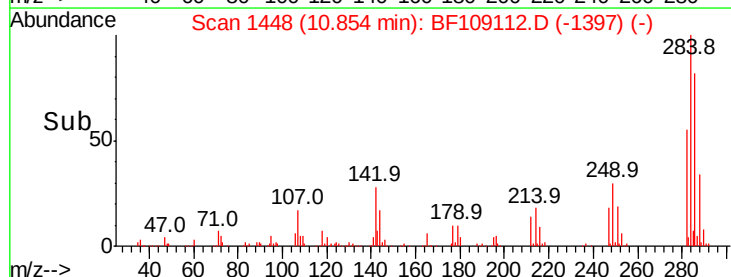
Abundance

Ion 283.80 (283.50 to 284.50): E

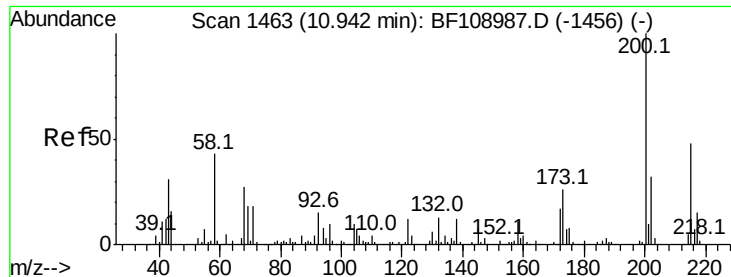
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

10.85



Time-->



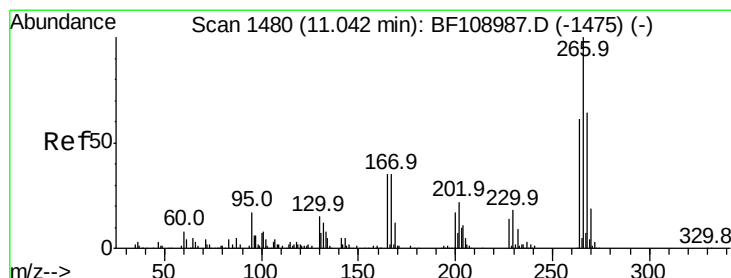
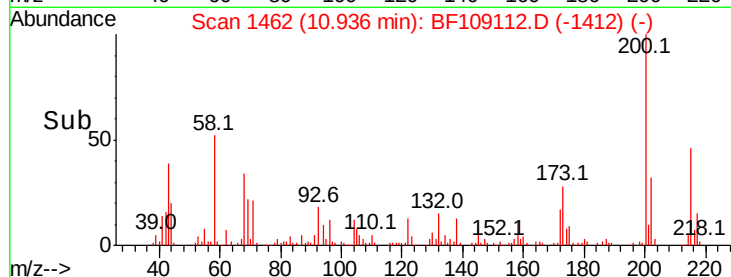
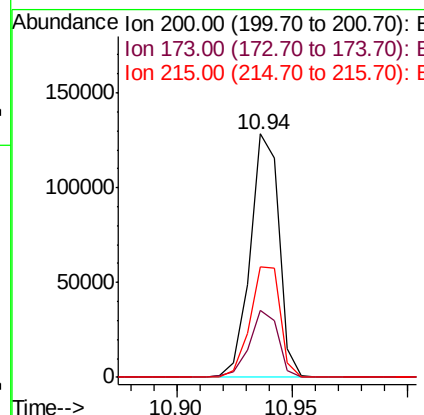
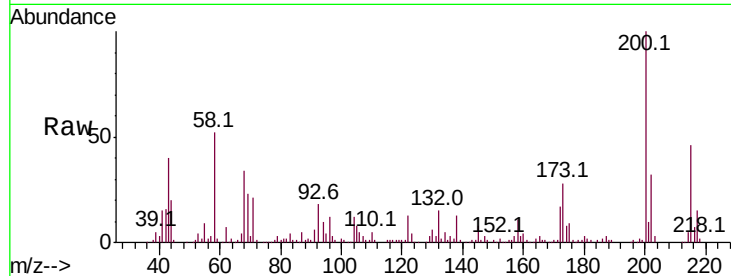
#68
Atrazine
Concen: 32.992 ng
RT: 10.94 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.6	8.6	48.6
215	45.6	25.1	65.1

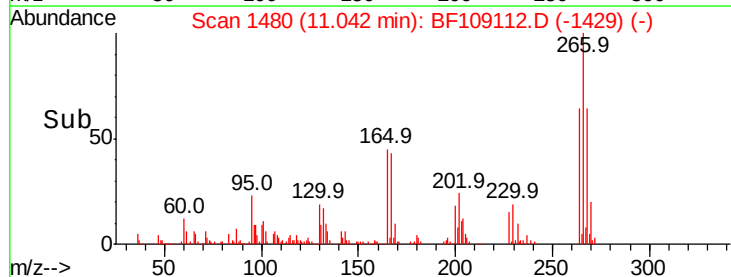
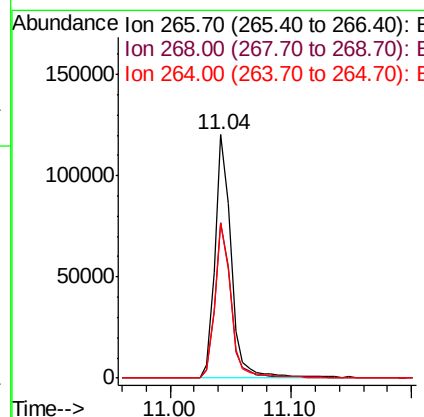
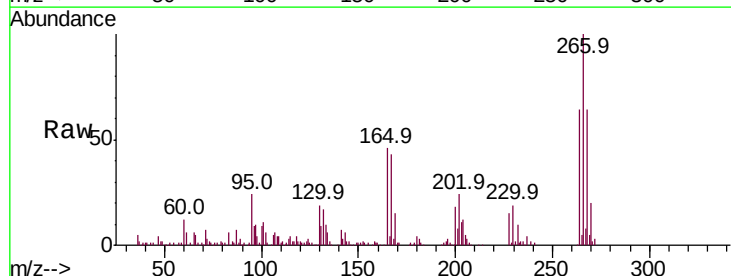
Manual Integrations
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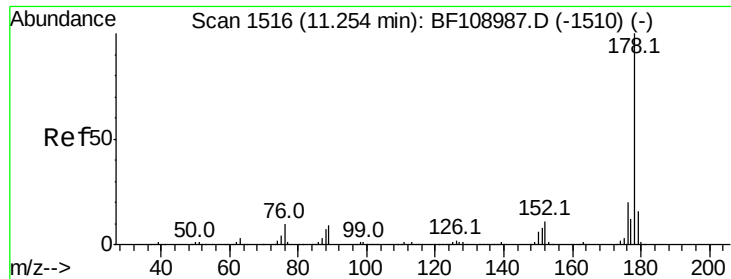
Sohil
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#69
Pentachlorophenol
Concen: 44.453 ng
RT: 11.04 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.7	51.1	76.7
264	63.9	49.5	74.3





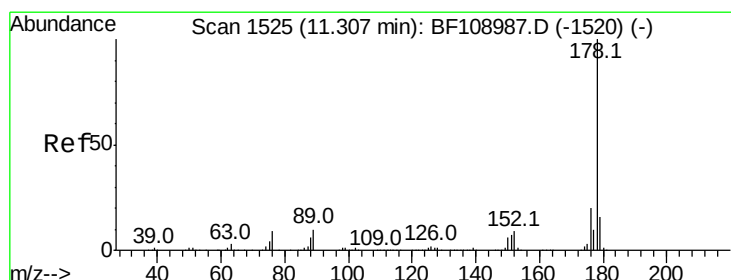
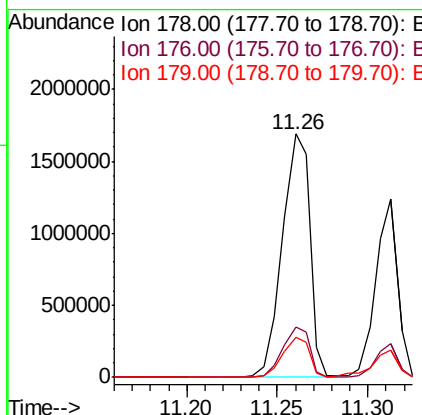
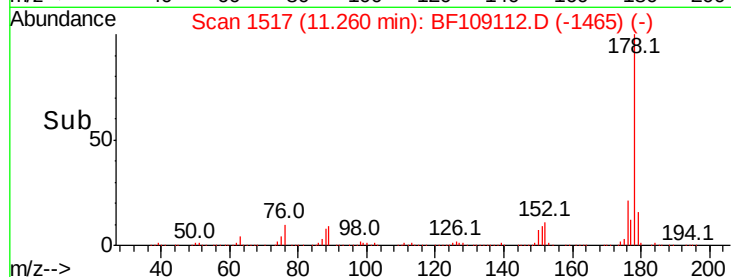
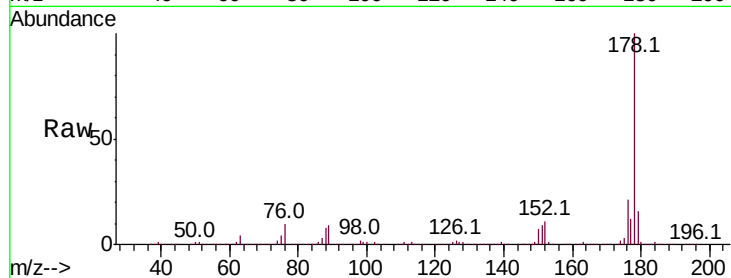
#70
Phenanthrene
Concen: 112.607 ng
RT: 11.26 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MS

Tot Ion:178 Resp: 1794633
Ion Ratio Lower Upper
178 100
176 20.9 15.8 23.8
179 16.5 13.0 19.6

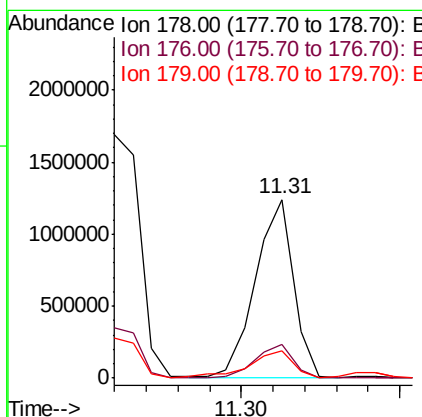
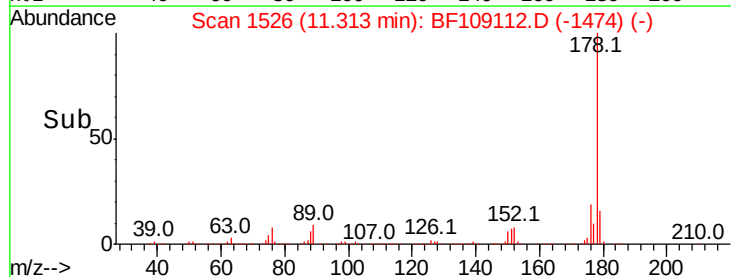
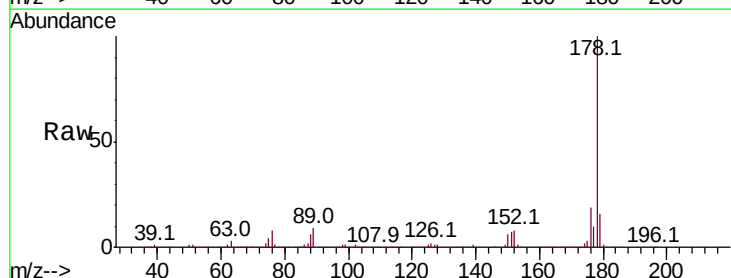
Manual Integrations
APPROVED

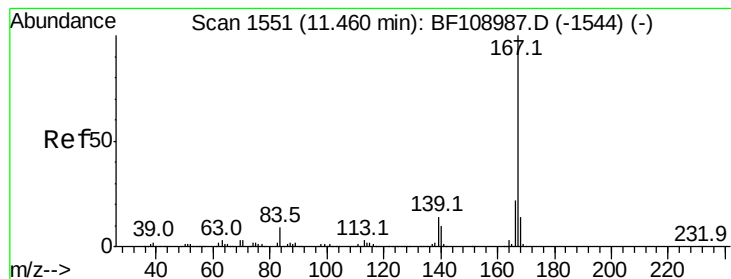
Sohil
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#71
Anthracene
Concen: 64.013 ng
RT: 11.31 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Tgt Ion:178 Resp: 1034160
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.5 12.6 19.0





#72

Carbazole

Concen: 42.979 ng

RT: 11.46 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

Instrument :

BNA_F

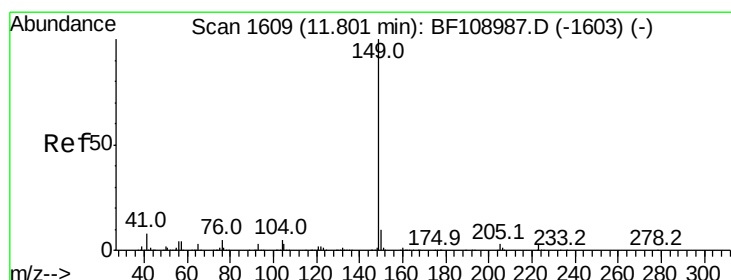
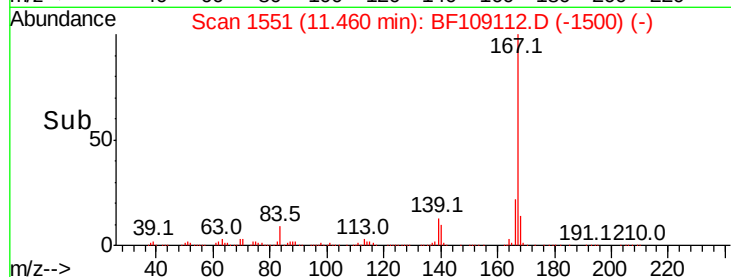
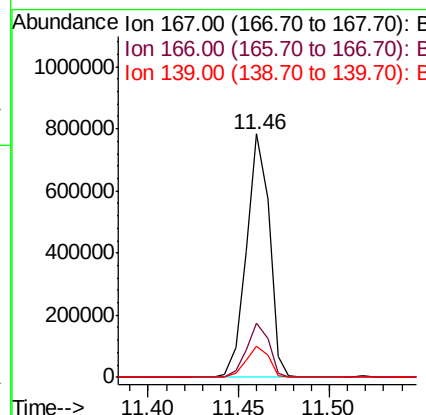
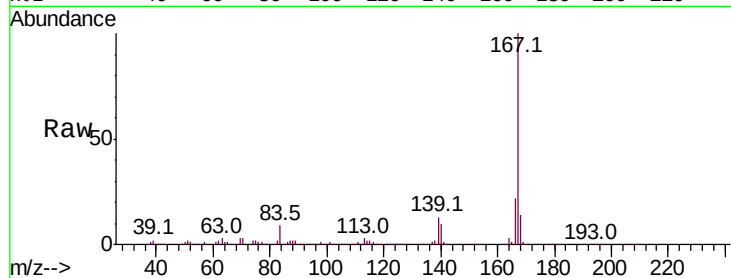
ClientSampleId :

BACKFILL-SW2MS

Tot Ion:	167	Resp:	687344
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.6	26.4
139	12.9	10.9	16.3

Manual Integrations
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#73

Di-n-butylphthalate

Concen: 32.966 ng

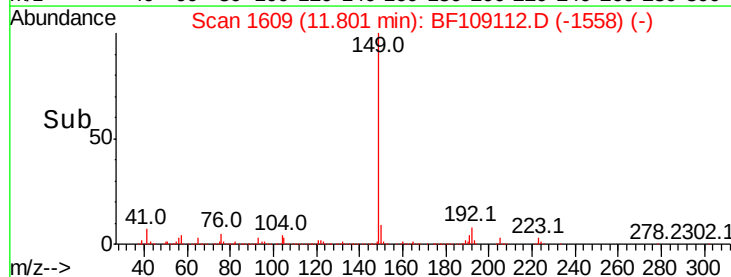
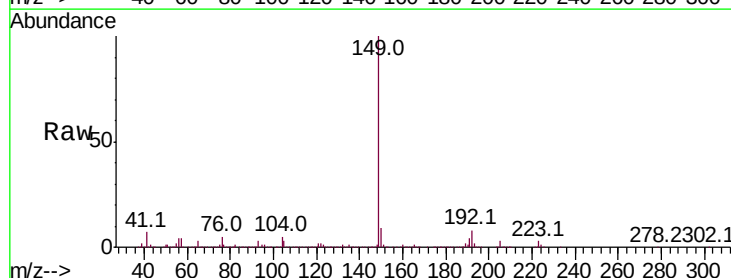
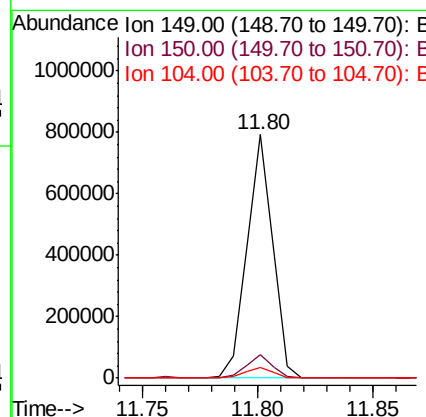
RT: 11.80 min Scan# 1609

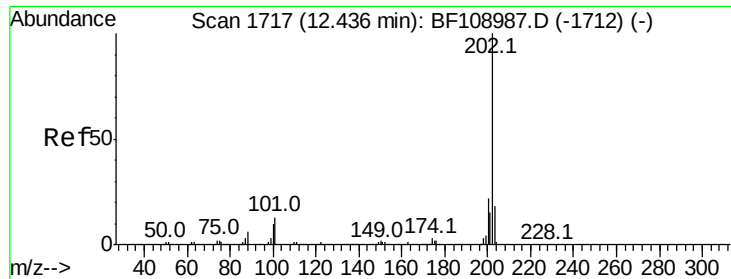
Delta R.T. 0.00 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

Tgt Ion:	149	Resp:	617133
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	4.6	3.8	5.8





#74

Fluoranthene

Concen: 112.679 ng

RT: 12.45 min Scan# 1719

Delta R.T. 0.01 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

Instrument :

BNA_F

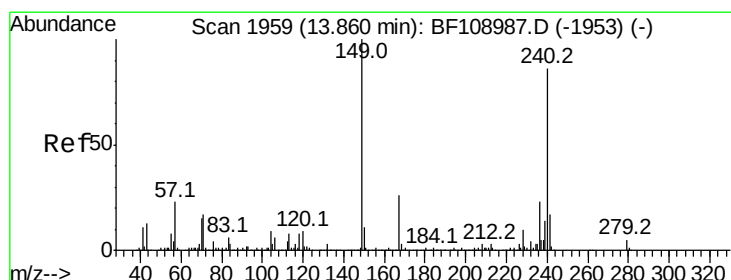
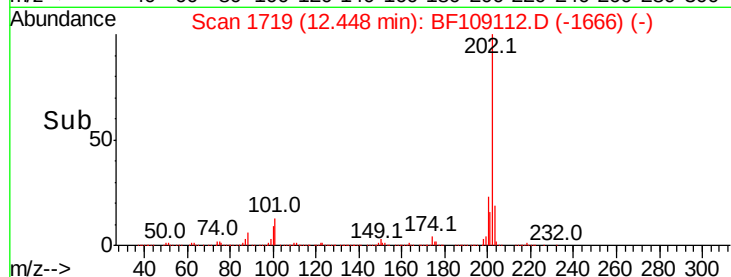
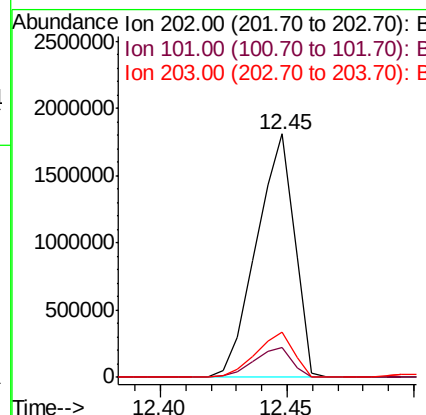
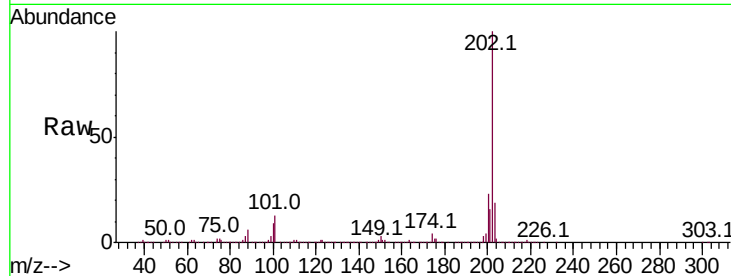
ClientSampleId :

BACKFILL-SW2MS

Tot Ion:	202	Resp:	1895814
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	34.1
203	18.7	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

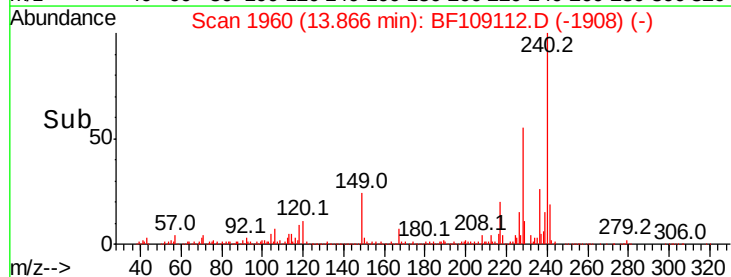
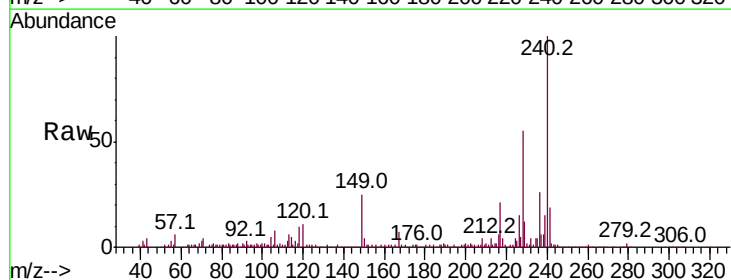
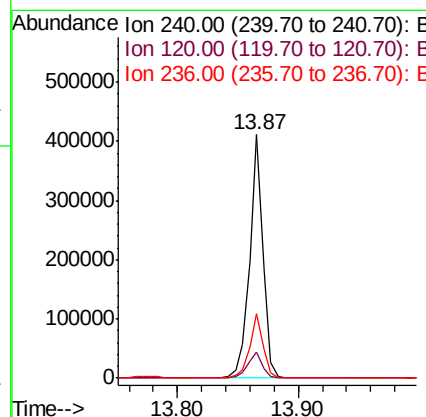
RT: 13.87 min Scan# 1960

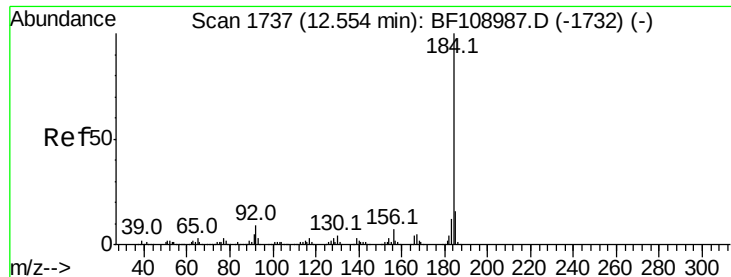
Delta R.T. 0.01 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

Tgt Ion:	240	Resp:	317367
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.5	14.3
236	26.2	20.7	31.1





#76

Benzidine

Concen: 31.111 ng

RT: 12.56 min Scan# 1738

Delta R.T. 0.01 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

Instrument :

BNA_F

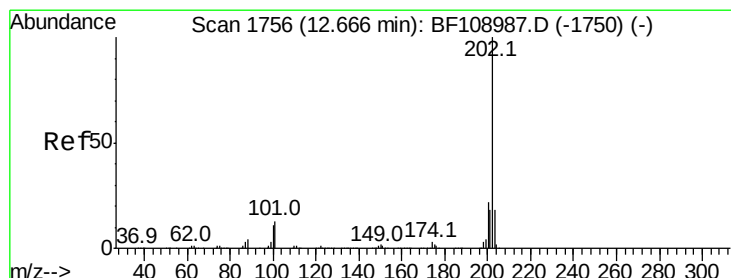
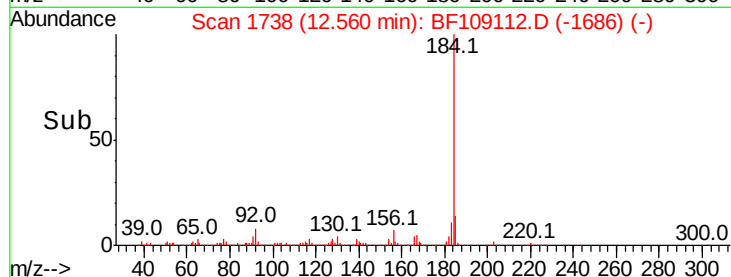
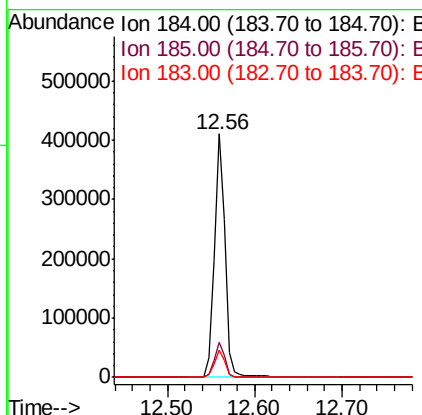
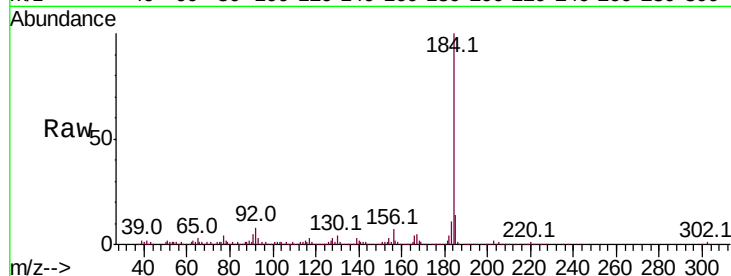
ClientSampleId :

BACKFILL-SW2MS

Tot Ion:	184	Resp:	349514
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	18.8
183	11.3	9.3	13.9

Manual Integrations
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#77

Pyrene

Concen: 76.261 ng

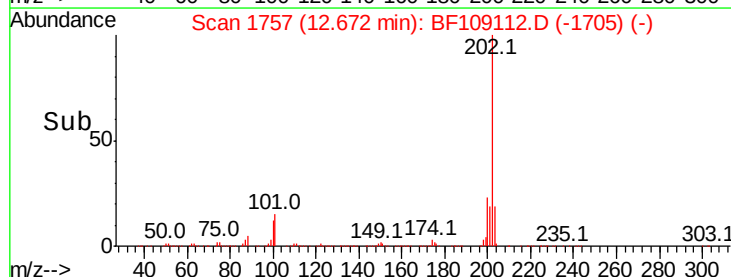
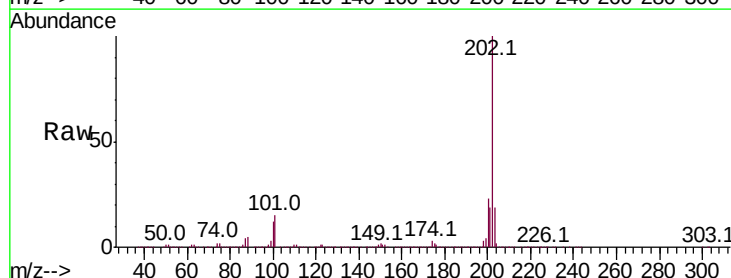
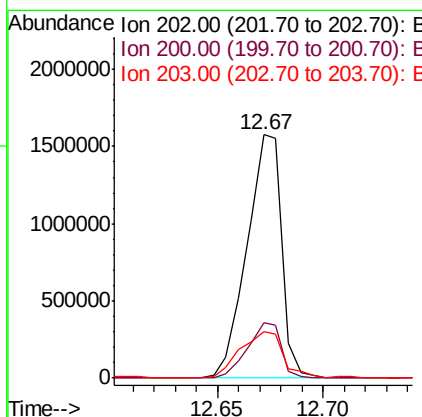
RT: 12.67 min Scan# 1757

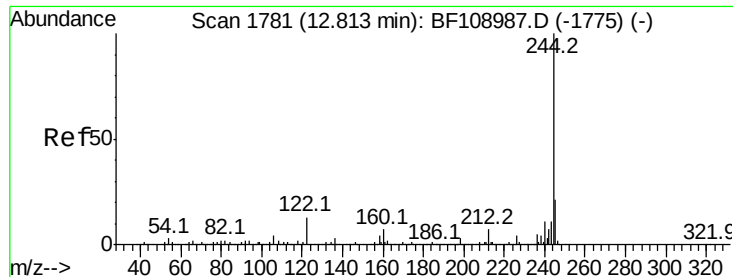
Delta R.T. 0.01 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

Tgt Ion:	202	Resp:	1797754
Ion Ratio	Lower	Upper	
202	100		
200	22.7	17.4	26.2
203	19.2	14.3	21.5





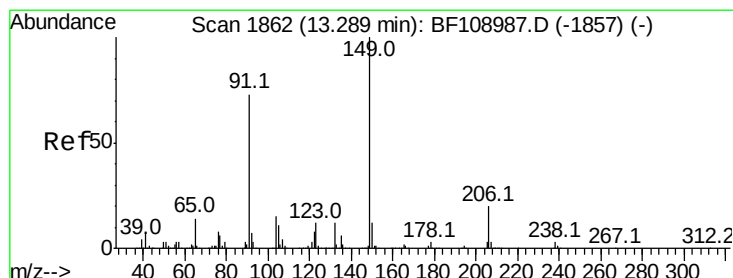
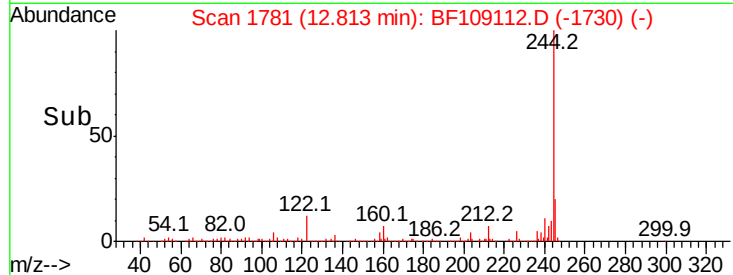
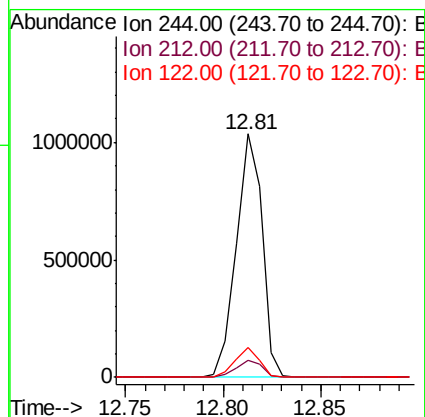
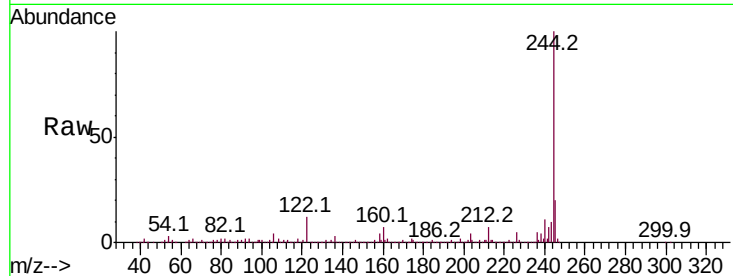
#78
 Terphenyl-d14
 Concen: 71.232 ng
 RT: 12.81 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BF109112.D
 Acq: 18 Sep 2018 22:44

Instrument :
 BNA_F
 ClientSampleId :
 BACKFILL-SW2MS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.0	5.4	8.0	
122	12.2	11.0	16.4	

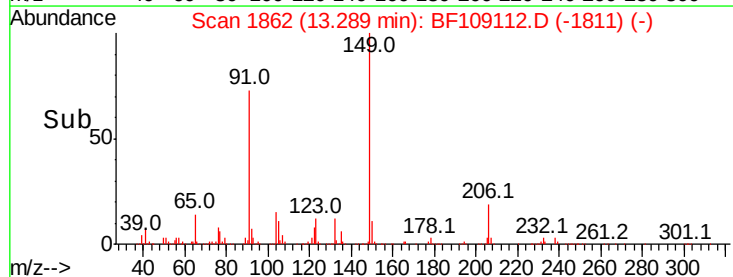
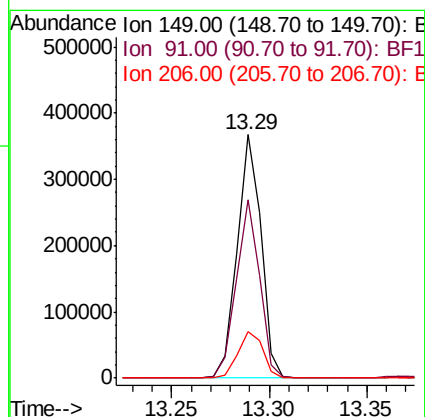
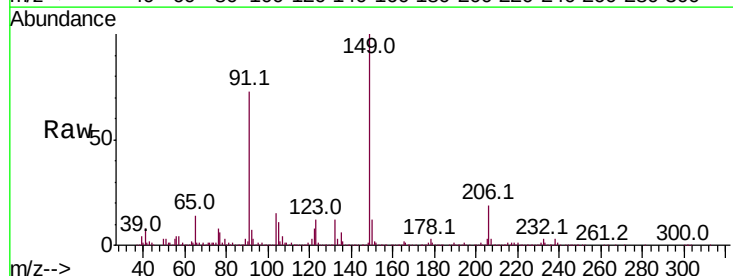
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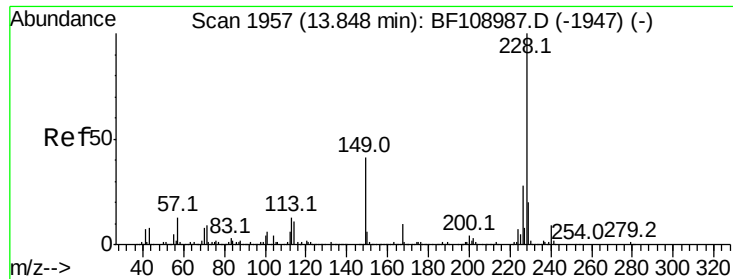
Sohil
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#79
 Butylbenzylphthalate
 Concen: 29.297 ng
 RT: 13.29 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: BF109112.D
 Acq: 18 Sep 2018 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	73.1	56.8	85.2	
206	19.3	14.1	21.1	





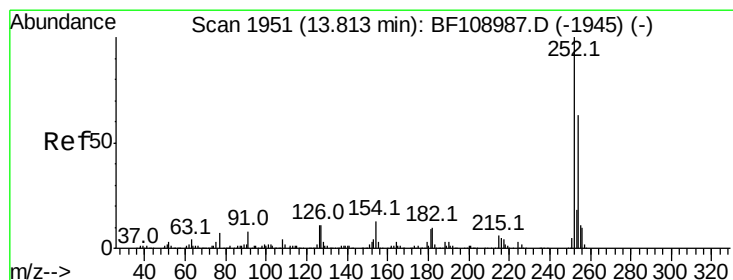
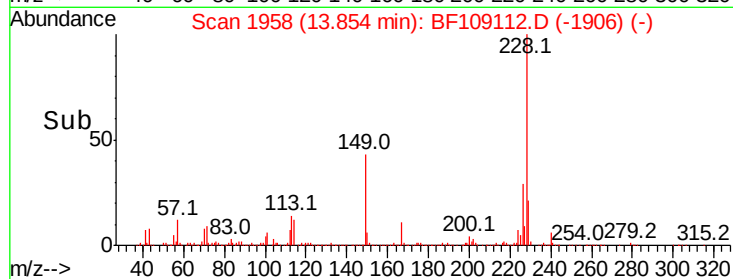
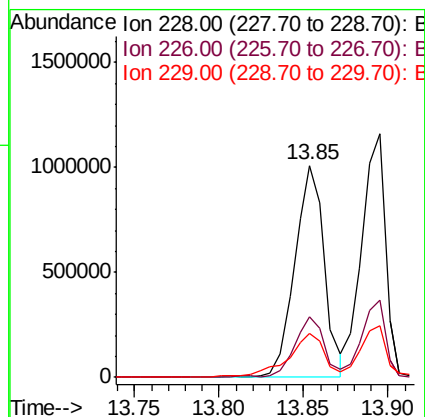
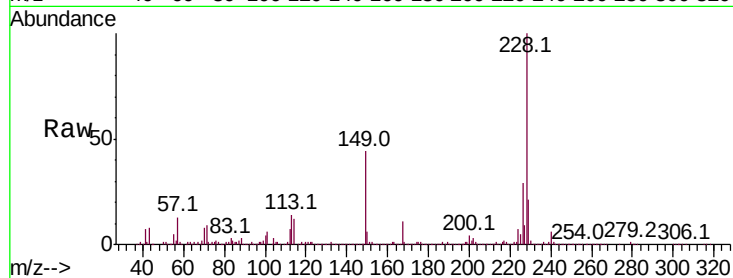
#80
Benzo(a)anthracene
Concen: 63.769 ng
RT: 13.85 min Scan# 1958
Delta R.T. 0.01 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	21.0	15.8	23.6

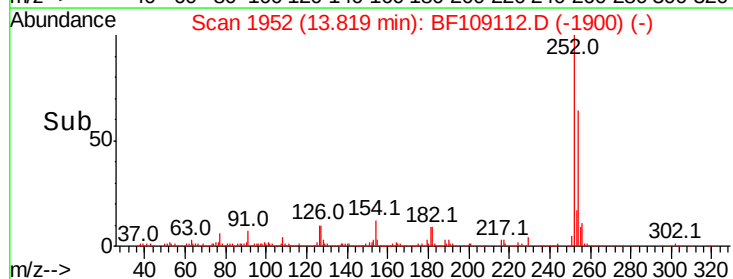
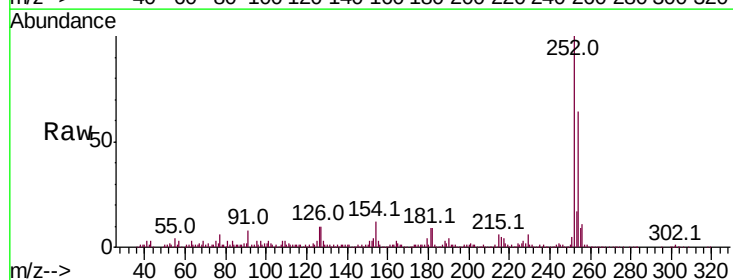
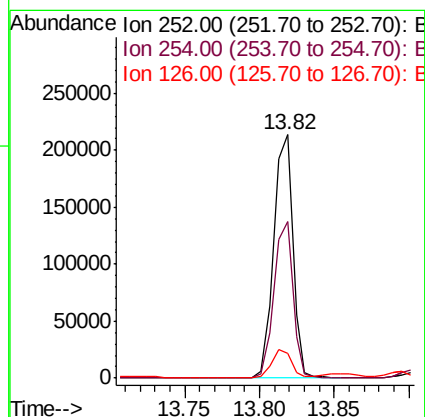
Manual Integrations
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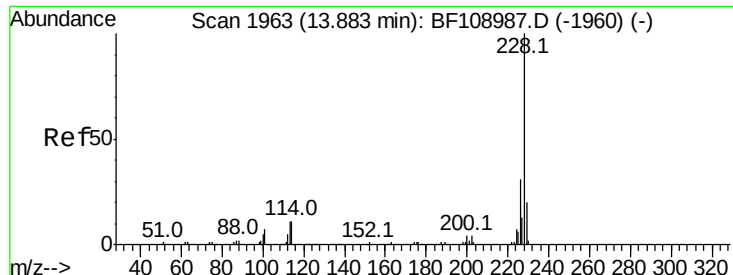
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#81
3,3'-Dichlorobenzidine
Concen: 24.717 ng
RT: 13.82 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.4	75.6
126	10.1	11.3	16.9#





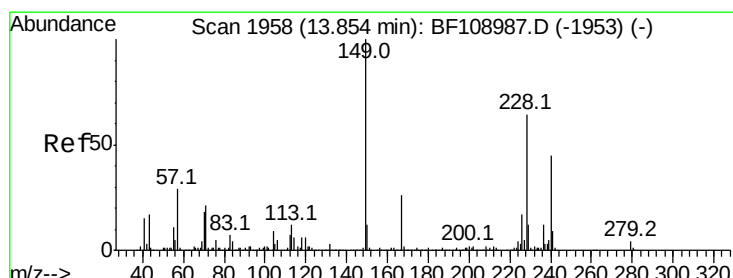
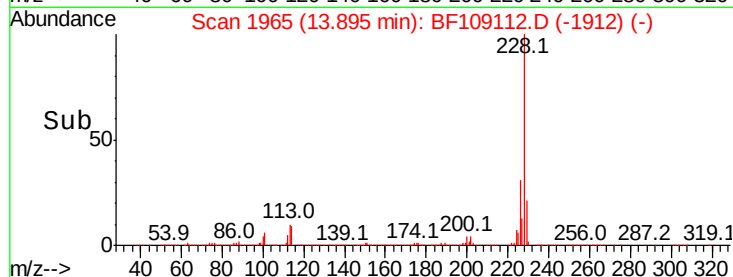
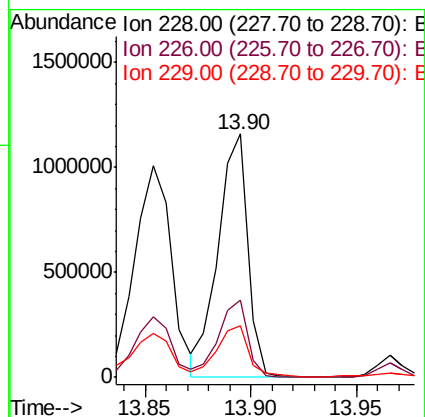
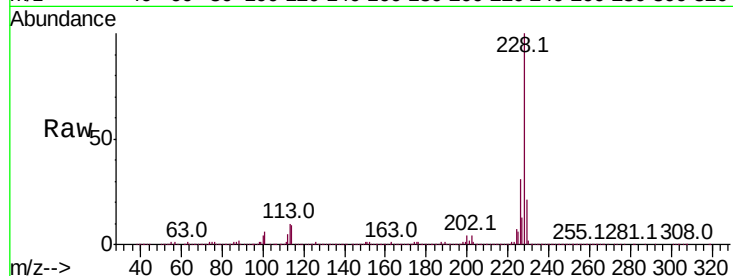
#82
Chrysene
Concen: 58.860 ng
RT: 13.90 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	21.0	16.2	24.4

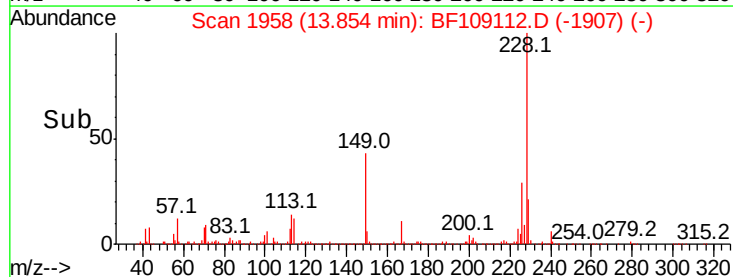
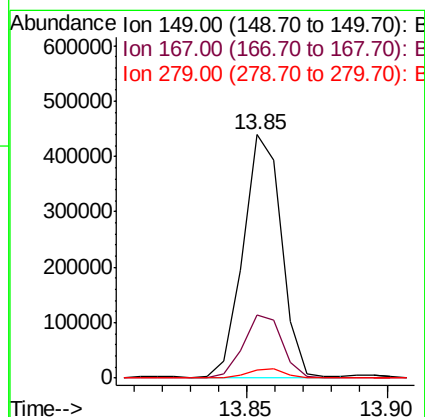
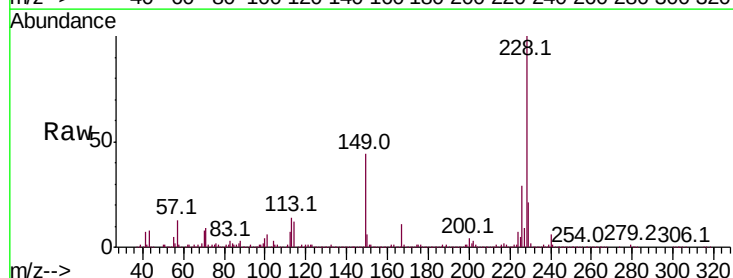
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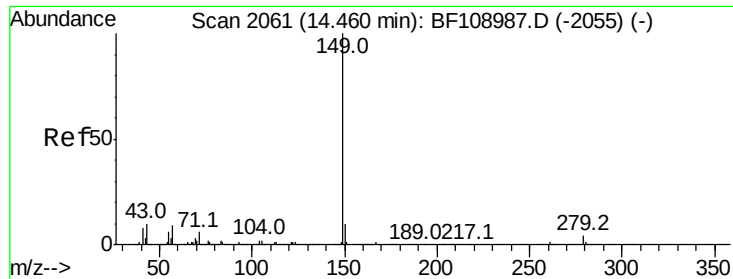
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#83
Bis(2-ethylhexyl)phthalate
Concen: 32.226 ng
RT: 13.85 min Scan# 1958
Delta R.T. 0.00 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.3	31.9
279	3.4	3.0	4.4





#84

Di-n-octyl phthalate

Concen: 37.186 ng

RT: 14.47 min Scan# 2062

Delta R.T. 0.01 min

Lab File: BF109112.D

Acq: 18 Sep 2018 22:44

Instrument :

BNA_F

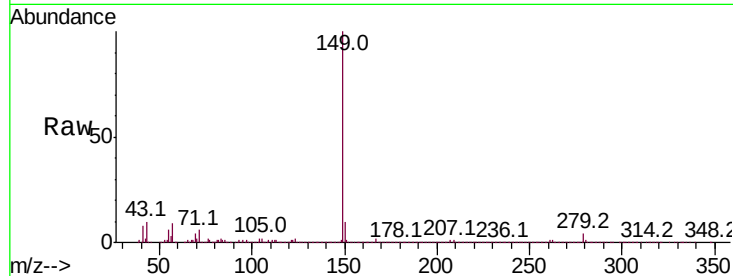
ClientSampleId :

BACKFILL-SW2MS

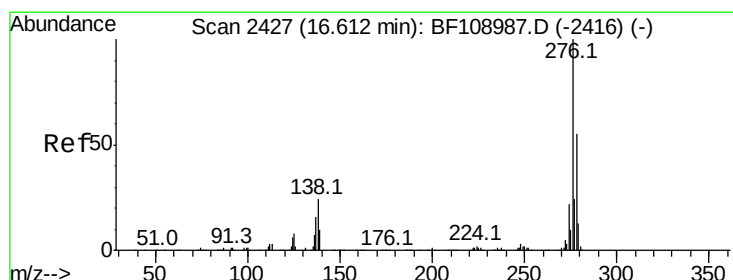
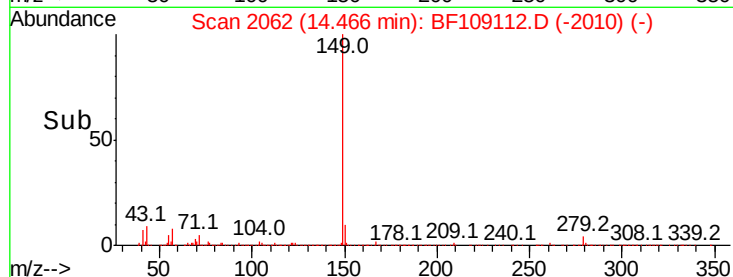
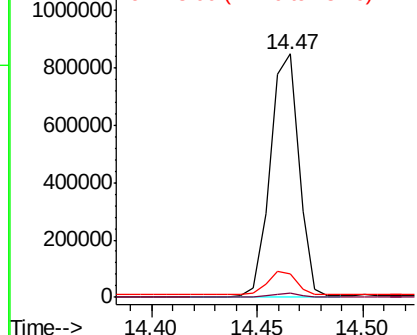
Tot Ion:	149	Resp:	804000
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	9.9	8.4	12.6

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 43.076 ng

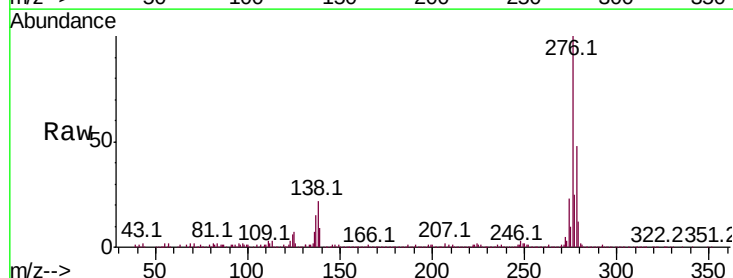
RT: 16.63 min Scan# 2430

Delta R.T. 0.02 min

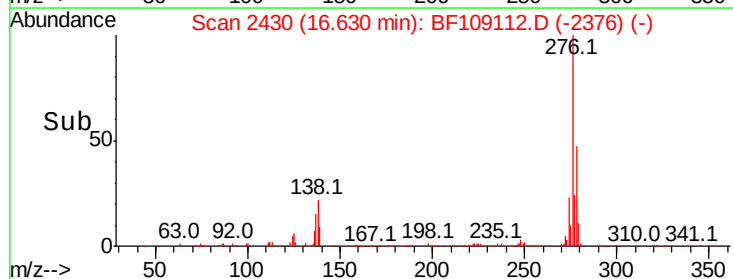
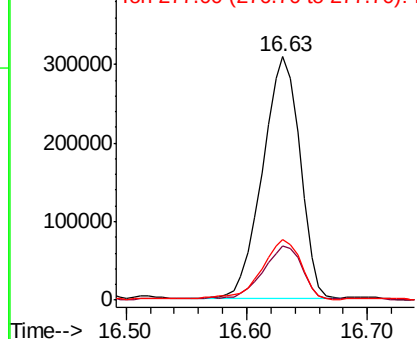
Lab File: BF109112.D

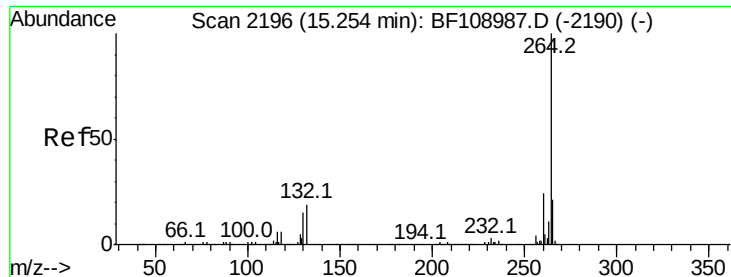
Acq: 18 Sep 2018 22:44

Tgt Ion:	276	Resp:	662059
Ion Ratio	Lower	Upper	
276	100		
138	22.7	25.0	37.6#
277	25.9	20.1	30.1



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





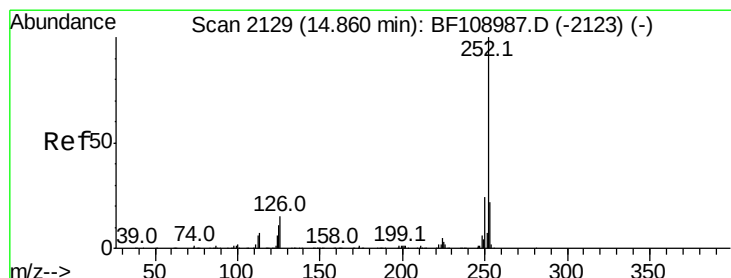
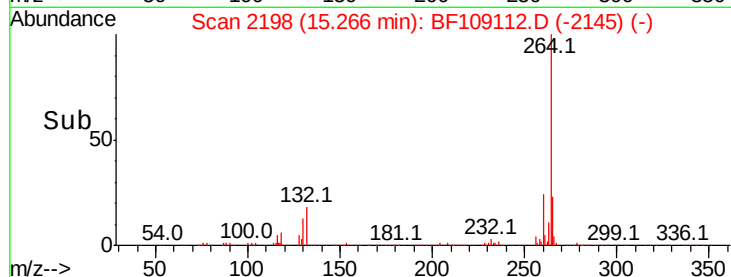
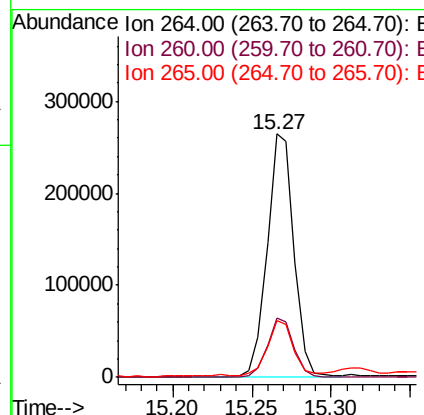
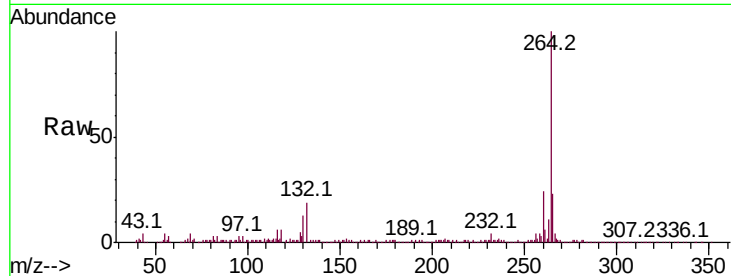
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	23.3	17.5	26.3

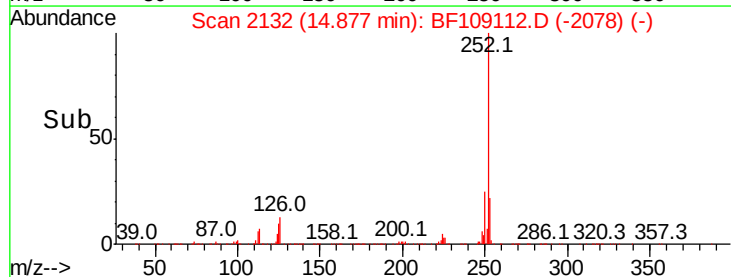
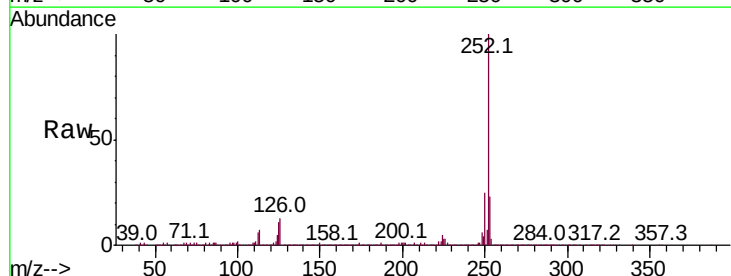
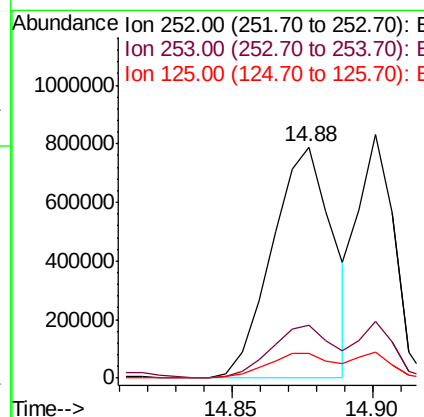
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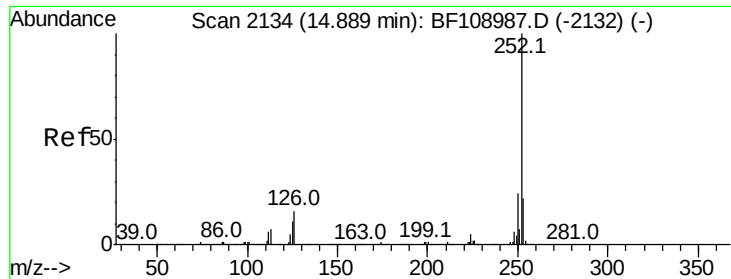
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#87
Benzo(b)fluoranthene
Concen: 68.189 ng
RT: 14.88 min Scan# 2132
Delta R.T. 0.02 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	10.8	9.0	13.6





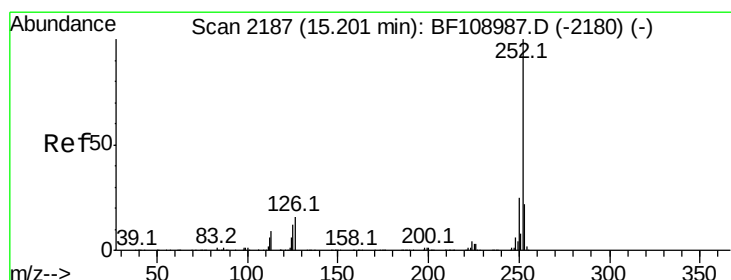
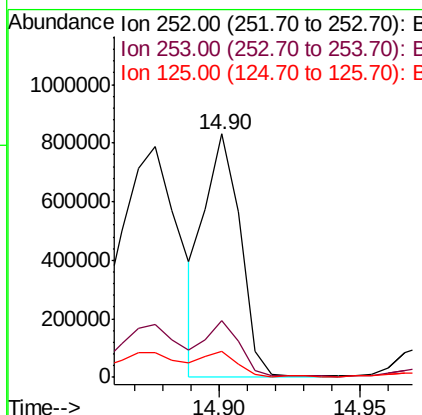
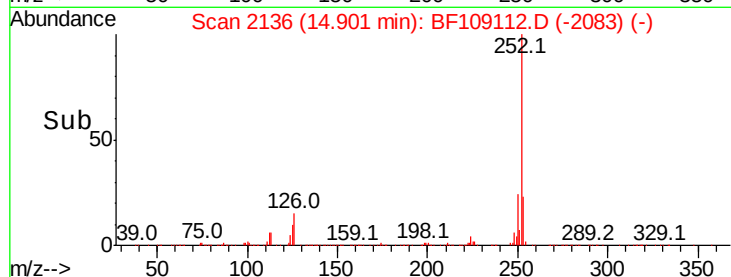
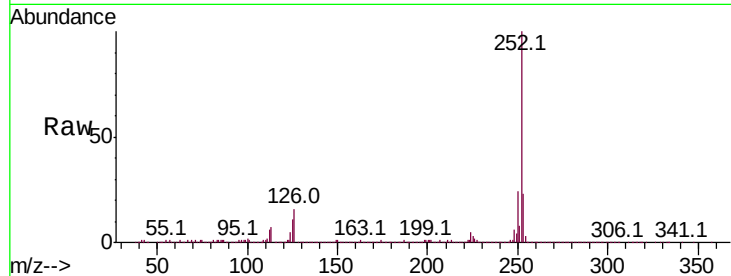
#88
Benzo(k)fluoranthene
Concen: 45.525 ng
RT: 14.90 min Scan# 2136
Delta R.T. 0.01 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	10.6	10.2	15.2

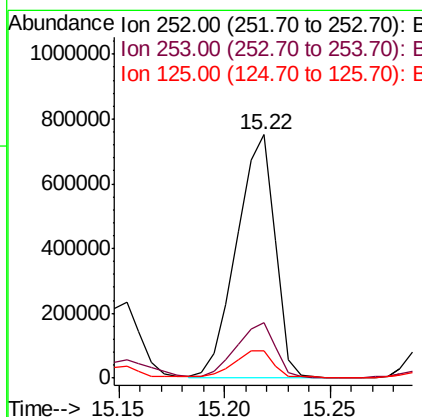
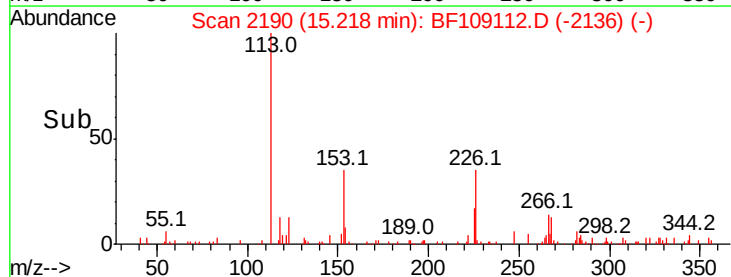
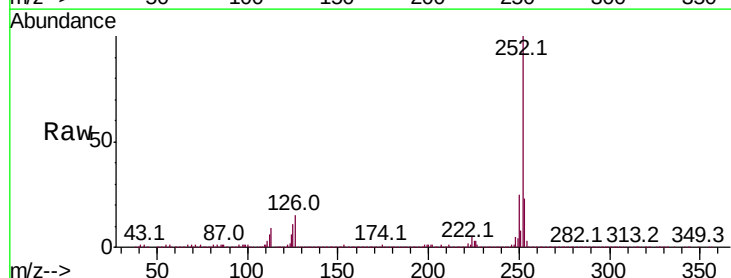
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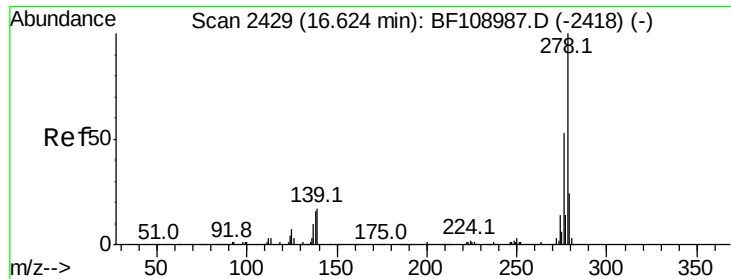
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#89
Benzo(a)pyrene
Concen: 61.465 ng
RT: 15.22 min Scan# 2190
Delta R.T. 0.02 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	11.3	9.8	14.6





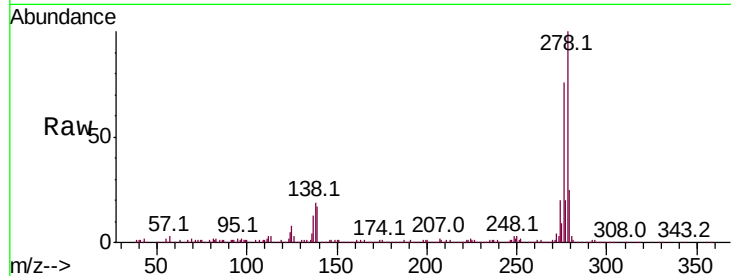
#90
Dibenzo(a,h)anthracene
Concen: 32.849 ng
RT: 16.64 min Scan# 2432
Delta R.T. 0.02 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Instrument :
BNA_F
ClientSampleId :
BACKFILL-SW2MS

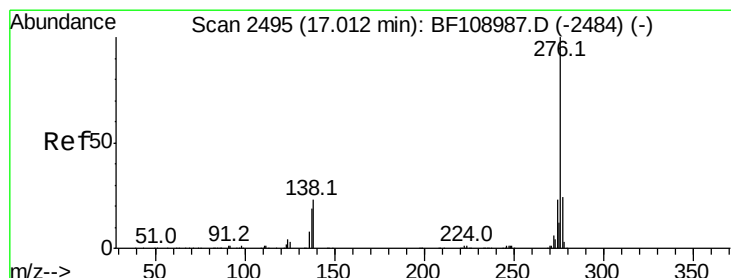
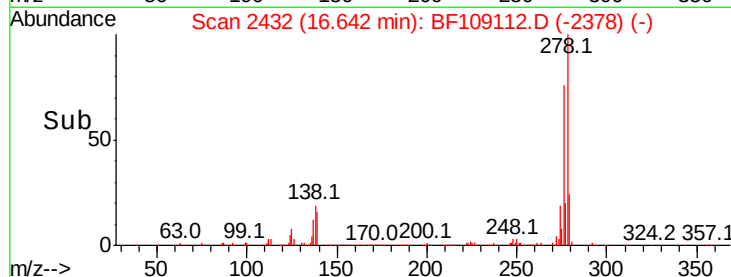
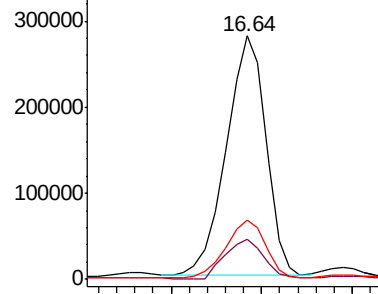
Tot Ion:	278	Resp:	421464
Ion Ratio	Lower	Upper	
278	100		
139	16.6	15.9	23.9
279	24.5	19.0	28.4

Manual Integrations
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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(g,h,i)perylene
Concen: 43.917 ng
RT: 17.04 min Scan# 2499
Delta R.T. 0.02 min
Lab File: BF109112.D
Acq: 18 Sep 2018 22:44

Tgt Ion:	276	Resp:	563346
Ion Ratio	Lower	Upper	
276	100		
277	23.2	17.9	26.9
138	20.8	21.8	32.8#

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

