

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082718\
 Data File : BF108542.D
 Acq On : 28 Aug 2018 6:25
 Operator : JU/SJ
 Sample : PB112391BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112391BS

Manual Integrations
 APPROVED

Sohil
 8/28/2018 12:16:48 PM

Quant Time: Aug 28 07:13:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	111251	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	394294	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	169333	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	276954	20.00	ng	0.00
75) Chrysene-d12	14.19	240	257395	20.00	ng	0.00
86) Perylene-d12	15.74	264	187788	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	567821	92.40	ng	0.00
7) Phenol-d6	6.62	99	755541	92.53	ng	0.00
23) Nitrobenzene-d5	7.57	82	724320	102.51	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	155020	91.78	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1275542	120.94	ng	0.00
78) Terphenyl-d14	13.12	244	1021118	100.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.96	88	118558	37.548	ng	91
3) Pyridine	3.72	79	336325	41.350	ng	86
4) n-Nitrosodimethylamine	3.69	42	190026	41.520	ng	# 80
6) Aniline	6.67	93	234674	21.128	ng	98
8) 2-Chlorophenol	6.79	128	326588	47.189	ng	99
9) Benzaldehyde	6.55	77	180420	28.498	ng	97
10) Phenol	6.64	94	406512	48.127	ng	95
11) bis(2-Chloroethyl)ether	6.73	93	318166	46.593	ng	92
12) 1,3-Dichlorobenzene	6.94	146	375499	46.924	ng	99
13) 1,4-Dichlorobenzene	7.02	146	378892	47.125	ng	98
14) 1,2-Dichlorobenzene	7.17	146	348342	46.579	ng	98
15) Benzyl Alcohol	7.14	79	301267	43.825	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	613193	43.589	ng	99
17) 2-Methylphenol	7.25	107	273914	46.152	ng	94
18) Hexachloroethane	7.51	117	117040	40.889	ng	# 88
19) n-Nitroso-di-n-propylamine	7.41	70	245047	44.377	ng	89
20) 3+4-Methylphenols	7.40	107	337095	44.322	ng	# 88
22) Acetophenone	7.41	105	468816	50.850	ng	# 91
24) Nitrobenzene	7.58	77	358874	50.225	ng	95
25) Isophorone	7.82	82	655563	48.675	ng	97
26) 2-Nitrophenol	7.90	139	141466	52.426	ng	95
27) 2,4-Dimethylphenol	7.92	122	294004	49.185	ng	95
28) bis(2-Chloroethoxy)methane	8.02	93	398568	50.693	ng	99
29) 2,4-Dichlorophenol	8.14	162	273691	49.754	ng	96
30) 1,2,4-Trichlorobenzene	8.22	180	302572	49.889	ng	96
31) Naphthalene	8.31	128	910667	50.785	ng	100
32) Benzoic acid	8.04	122	127883	38.253	ng	85
33) 4-Chloroaniline	8.35	127	59691	7.638	ng	97
34) Hexachlorobutadiene	8.41	225	201960	52.601	ng	99
35) Caprolactam	8.72	113	78340m	45.445	ng	
36) 4-Chloro-3-methylphenol	8.84	107	272614	45.939	ng	98
37) 2-Methylnaphthalene	9.00	142	607962	47.921	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	302699	58.211	ng	# 97
40) Hexachlorocyclopentadiene	9.14	237	65211	19.415	ng	99

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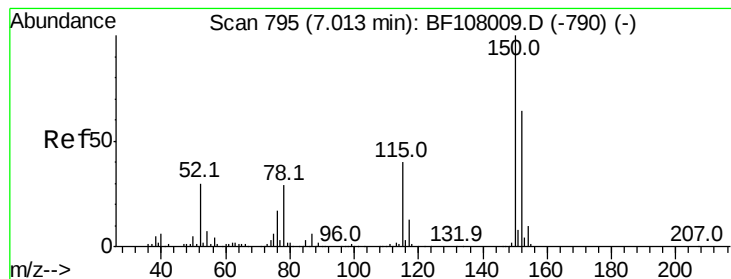
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	180902	56.061	nq	99
43) 2,4,5-Trichlorophenol	9.32	196	181619m	51.128	nq	
45) 1,1'-Biphenyl	9.46	154	718783	57.572	nq	99
46) 2-Chloronaphthalene	9.49	162	544995	55.231	nq	98
47) 2-Nitroaniline	9.58	65	171081	53.584	nq	87
48) Acenaphthylene	9.91	152	818998	52.500	nq	100
49) Dimethylphthalate	9.75	163	664249	56.314	nq	99
50) 2,6-Dinitrotoluene	9.82	165	129036	52.287	nq	91
51) Acenaphthene	10.08	154	479180	50.150	nq	98
52) 3-Nitroaniline	10.00	138	71481	26.473	nq	94
53) 2,4-Dinitrophenol	10.11	184	23279	30.014	nq	# 20
54) Dibenzofuran	10.25	168	690763	49.900	nq	98
55) 4-Nitrophenol	10.16	139	157089	76.828	nq	94
56) 2,4-Dinitrotoluene	10.23	165	159768	50.296	nq	# 97
57) Fluorene	10.60	166	533649	48.698	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	135196	45.535	nq	# 87
59) Diethylphthalate	10.45	149	613533	53.715	nq	97
60) 4-Chlorophenyl-phenylether	10.58	204	290575	50.888	nq	90
61) 4-Nitroaniline	10.61	138	101258	37.931	nq	90
62) Azobenzene	10.74	77	556808	47.204	nq	93
64) 4,6-Dinitro-2-methylphenol	10.64	198	20962	23.268	nq	83
65) n-Nitrosodiphenylamine	10.70	169	484815	59.238	nq	95
66) 4-Bromophenyl-phenylether	11.08	248	173153	57.531	nq	# 83
67) Hexachlorobenzene	11.15	284	169491	53.522	nq	# 85
68) Atrazine	11.22	200	155708	56.723	nq	96
69) Pentachlorophenol	11.34	266	150070	99.008	nq	98
70) Phenanthrene	11.57	178	704472	53.929	nq	99
71) Anthracene	11.62	178	710682	53.081	nq	100
72) Carbazole	11.77	167	620189	52.137	nq	99
73) Di-n-butylphthalate	12.08	149	814343	60.439	nq	99
74) Fluoranthene	12.76	202	771972	54.148	nq	94
76) Benzidine	12.88	184	414024	43.052	nq	99
77) Pyrene	13.00	202	784569	48.146	nq	99
79) Butylbenzylphthalate	13.59	149	339927	52.533	nq	96
80) Benzo(a)anthracene	14.18	228	766811	51.910	nq	100
81) 3,3'-Dichlorobenzidine	14.14	252	249602	47.150	nq	# 96
82) Chrysene	14.22	228	706142	52.142	nq	99
83) Bis(2-ethylhexyl)phthalate	14.14	149	467378	53.337	nq	99
84) Di-n-octyl phthalate	14.77	149	831557	62.224	nq	97
85) Indeno(1,2,3-cd)pyrene	17.36	276	494810	42.168	nq	# 90
87) Benzo(b)fluoranthene	15.28	252	609584	54.325	nq	# 96
88) Benzo(k)fluoranthene	15.31	252	576631	55.903	nq	# 96
89) Benzo(a)pyrene	15.68	252	524600	52.208	nq	# 97
90) Dibenzo(a,h)anthracene	17.37	278	421053	50.644	nq	# 94
91) Benzo(g,h,i)perylene	17.85	276	400032	48.864	nq	# 90

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



#1

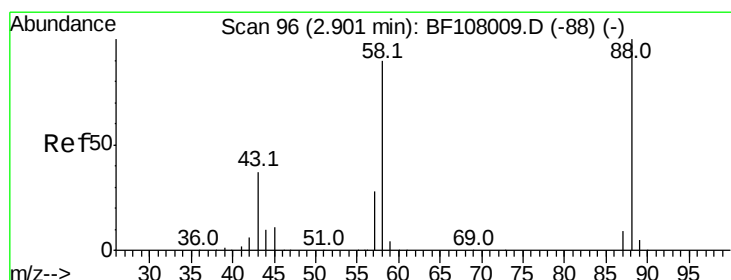
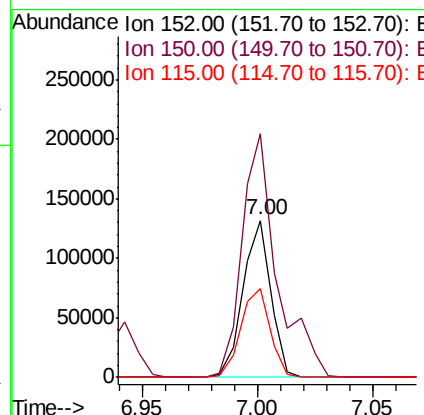
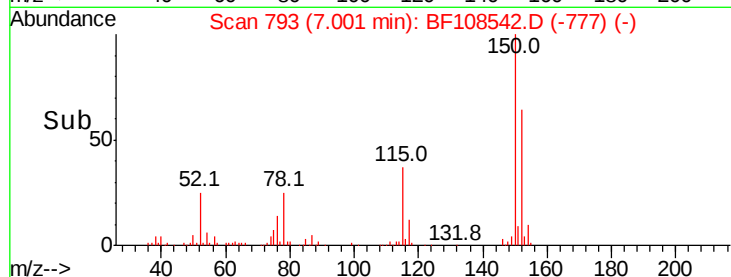
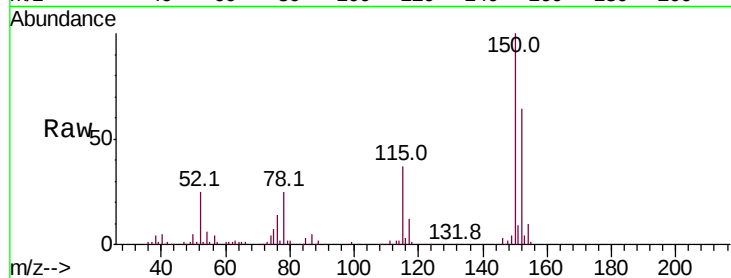
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampleID :
PB112391BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	56.8	50.1	75.1

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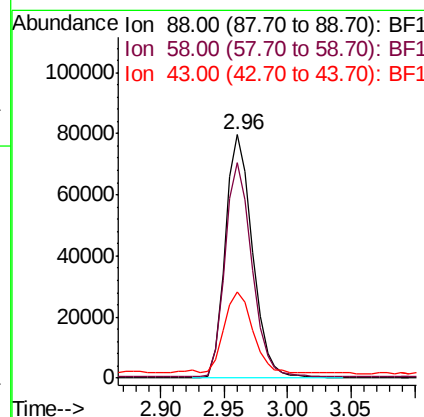
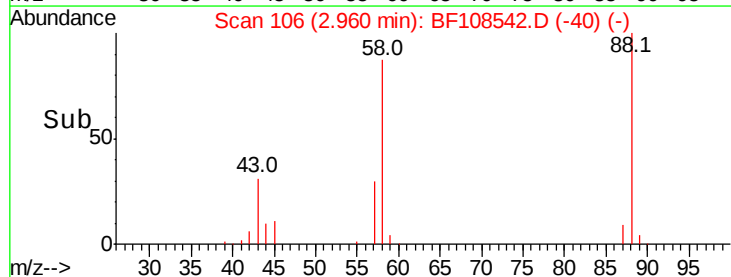
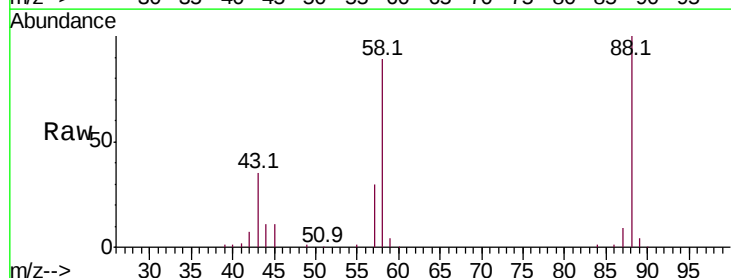
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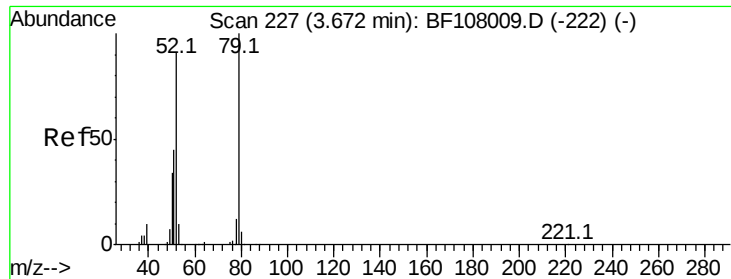


#2

1,4-Dioxane
Concen: 37.548 ng
RT: 2.96 min Scan# 106
Delta R.T. 0.09 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.1	62.6	93.8
43	34.8	24.6	37.0





#3

Pvridine

Concen: 41.350 ng

RT: 3.72 min Scan# 235

Delta R.T. 0.06 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

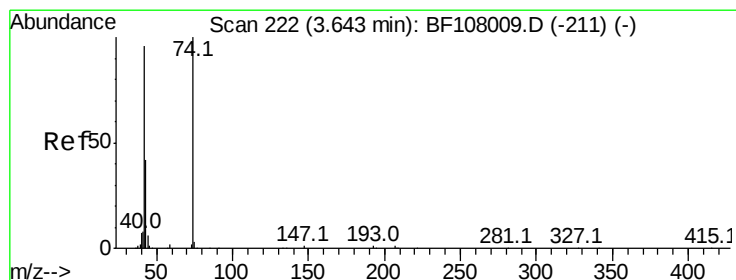
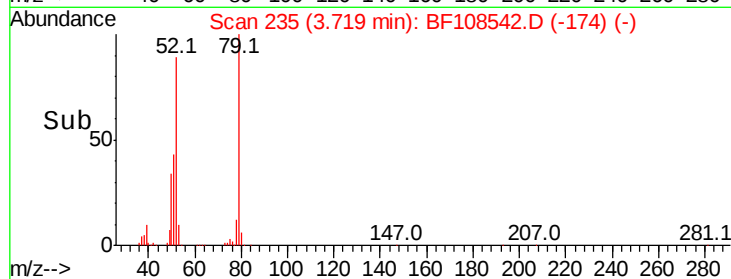
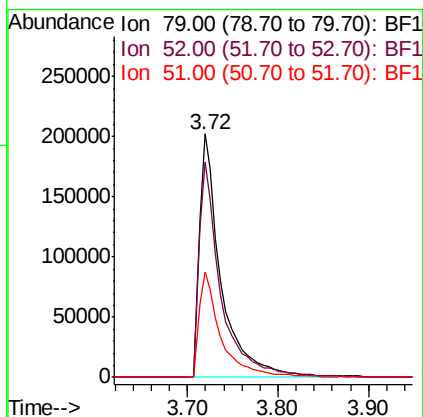
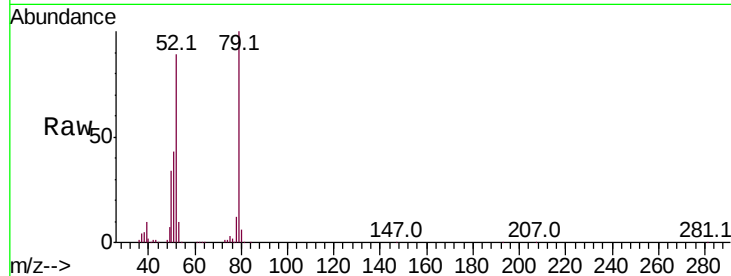
ClientSampleId :

PB112391BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	88.5	59.8		89.6	
51	43.3	29.8		44.8	

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 41.520 ng

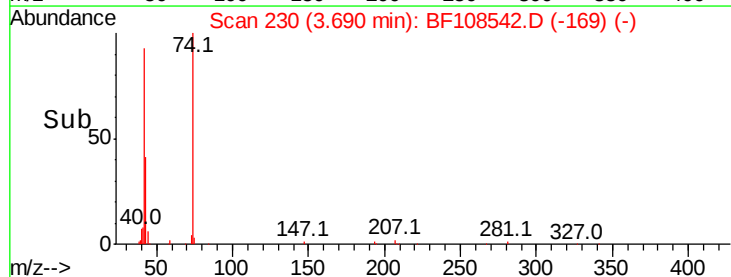
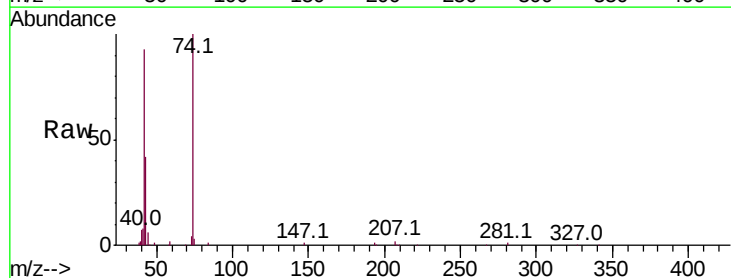
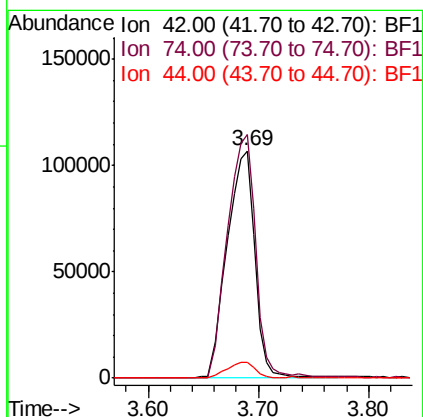
RT: 3.69 min Scan# 230

Delta R.T. 0.06 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	107.1	104.9		157.3	
44	6.7	6.9		10.3#	





#5

2-Fluorophenol

Concen: 92.405 ng

RT: 5.64 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

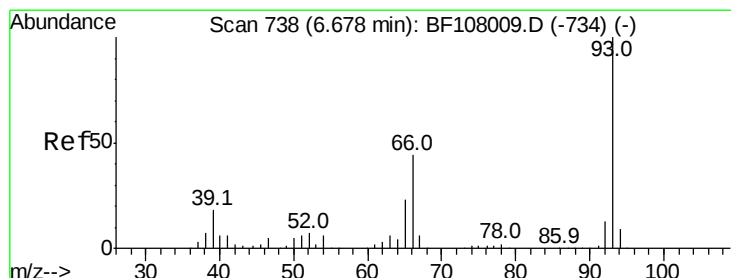
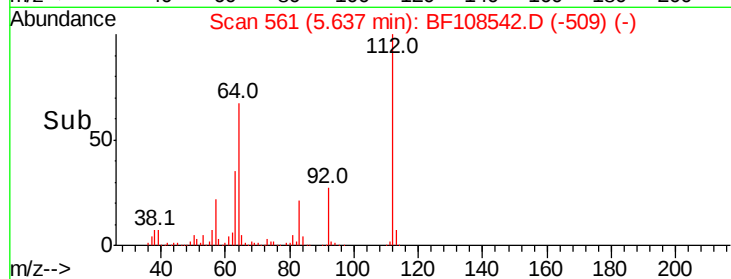
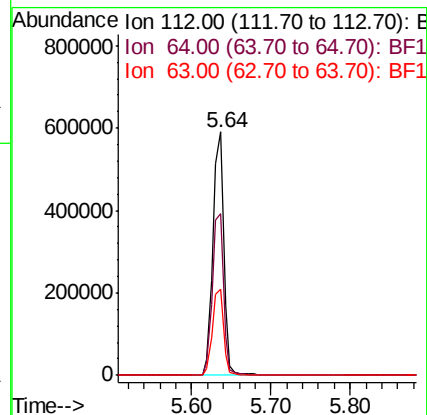
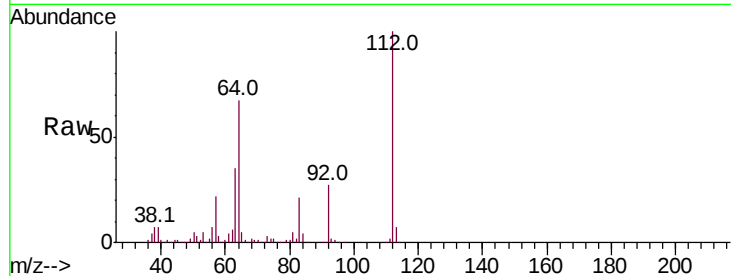
ClientSampleId :

PB112391BS

Tot Ion:	112	Resp:	567821
Ion Ratio	Lower	Upper	
112	100		
64	66.7	47.9	71.9
63	35.4	23.7	35.5

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#6

Aniline

Concen: 21.128 ng

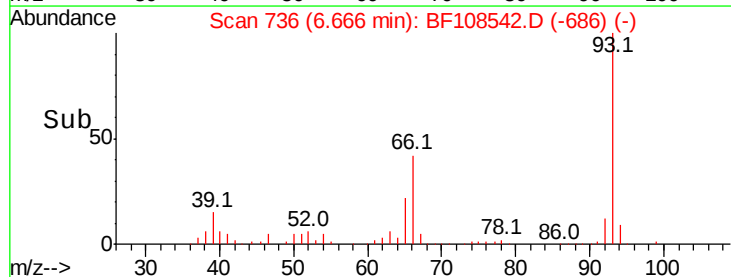
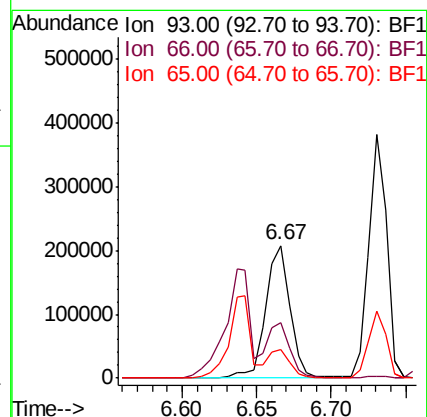
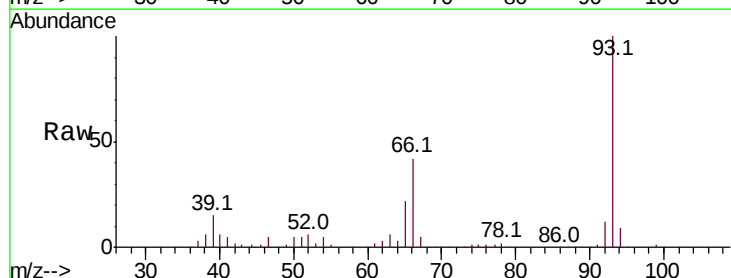
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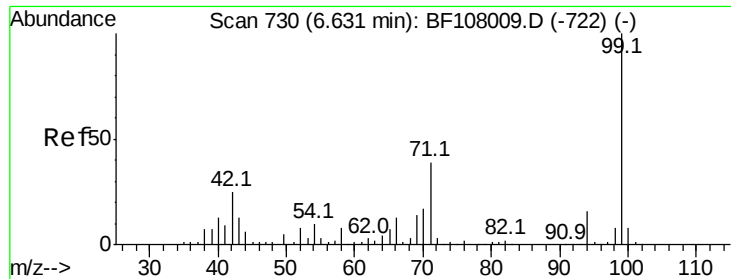
Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Tgt Ion:	93	Resp:	234674
Ion Ratio	Lower	Upper	
93	100		
66	41.7	32.2	48.2
65	21.6	16.4	24.6





#7

Phenol-d6

Concen: 92.525 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

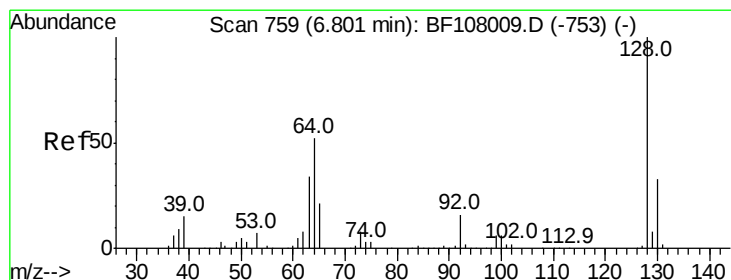
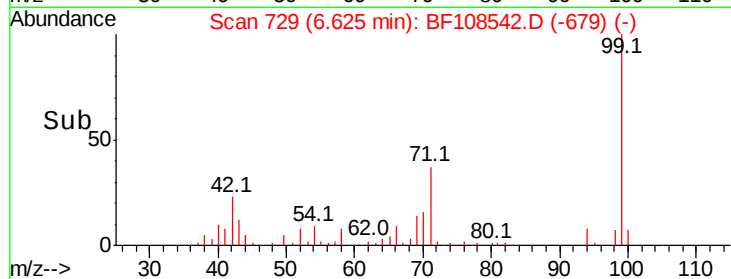
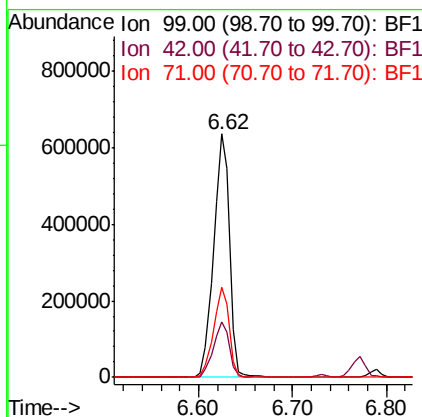
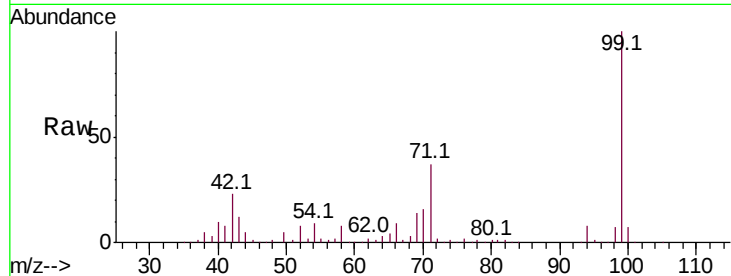
ClientSampleId :

PB112391BS

Tot Ion:	99	Resp:	75541
Ion Ratio	Lower	Upper	
99	100		
42	22.6	14.5	21.7#
71	37.2	25.4	38.0

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#8

2-Chlorophenol

Concen: 47.189 ng

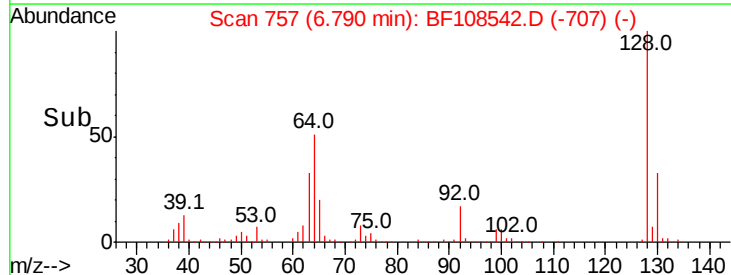
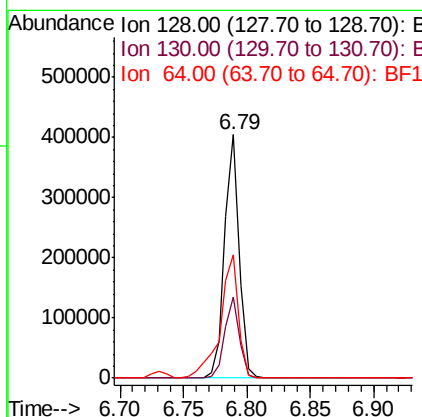
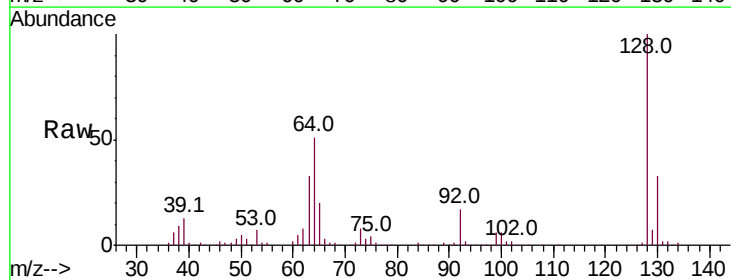
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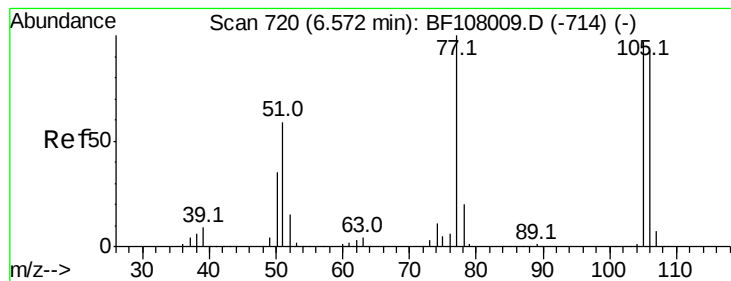
Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Tgt Ion:	128	Resp:	326588
Ion Ratio	Lower	Upper	
128	100		
130	33.3	13.0	53.0
64	50.8	29.4	69.4





#9

Benzaldehyde

Concen: 28.498 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

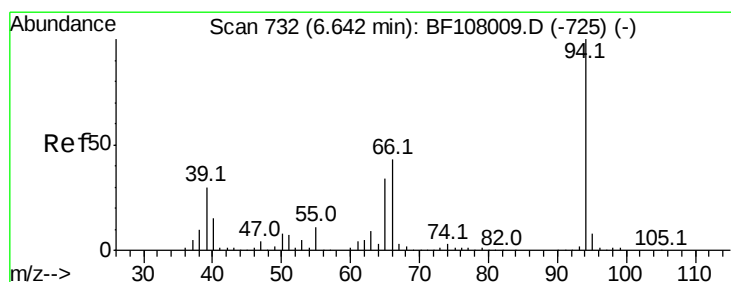
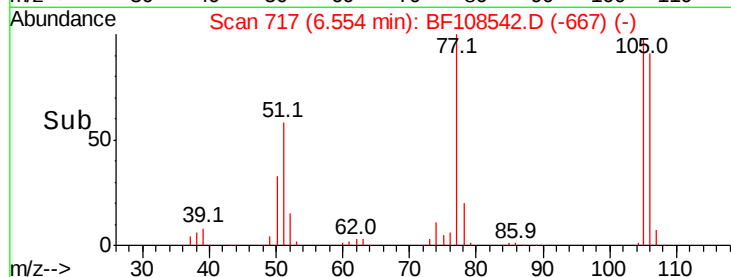
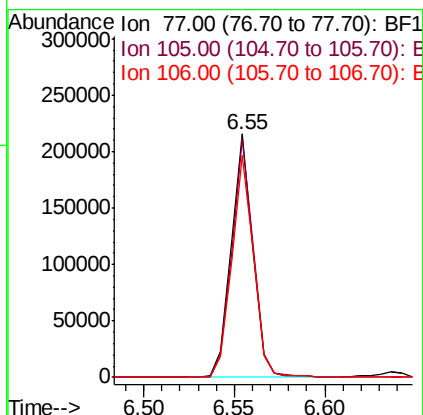
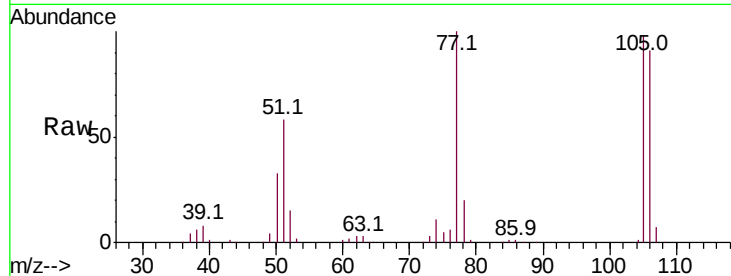
ClientSampleID :

PB112391BS

Tot Ion:	77	Resp:	180420
Ion Ratio	Lower	Upper	
77	100		
105	98.2	81.1	121.1
106	91.4	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 48.127 ng

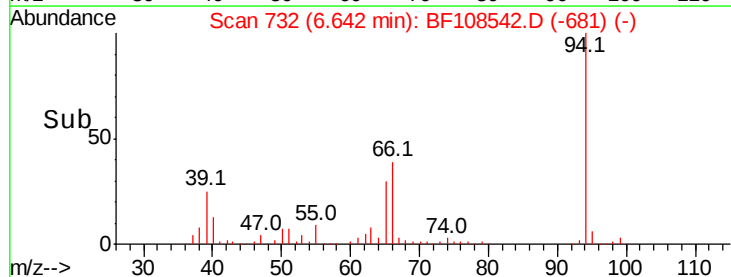
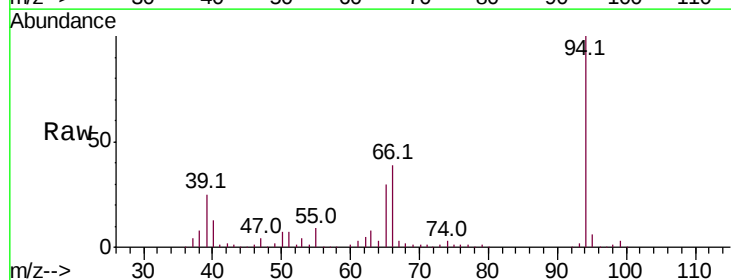
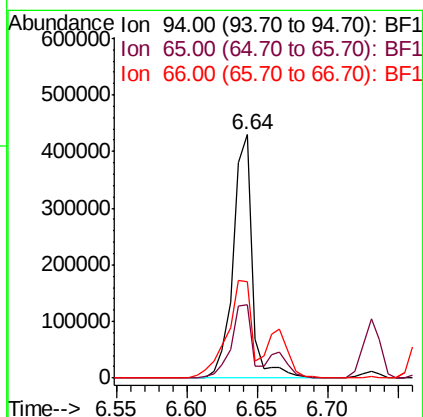
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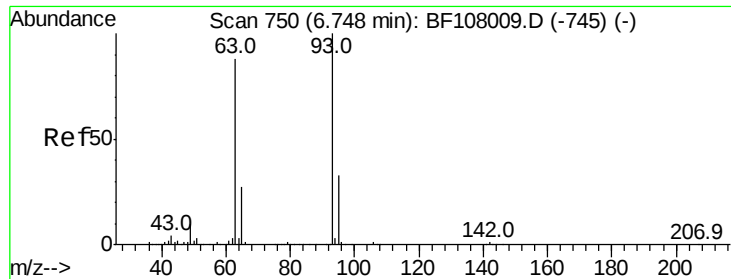
Delta R.T. -0.00 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Tgt Ion:	94	Resp:	406512
Ion Ratio	Lower	Upper	
94	100		
65	30.1	7.9	47.9
66	39.5	16.2	56.2





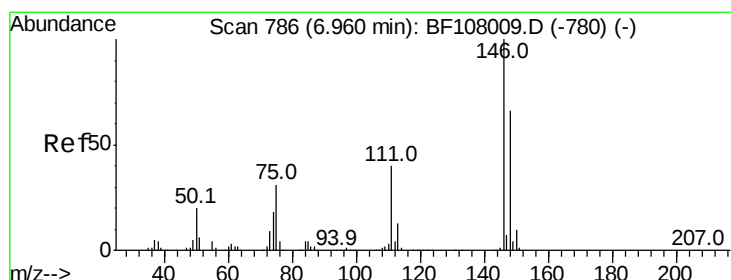
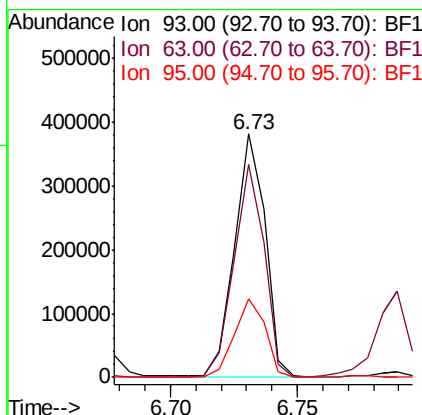
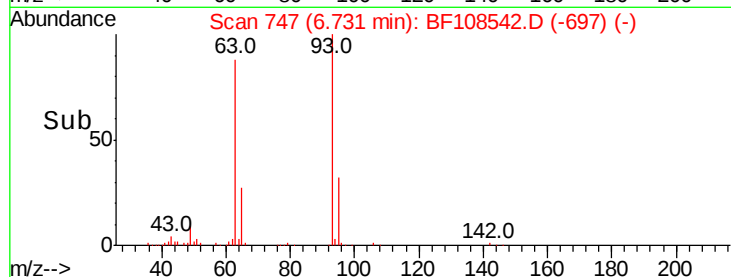
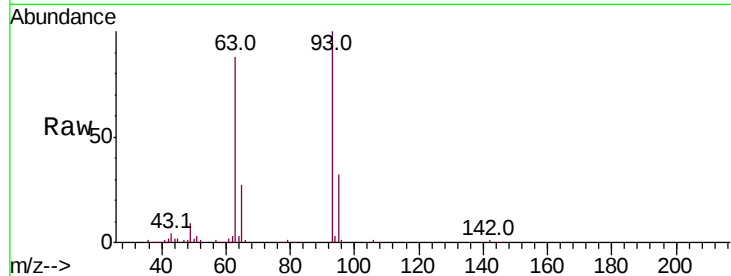
#11
bis(2-Chloroethyl)ether
Concen: 46.593 ng
RT: 6.73 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampleId :
PB112391BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	87.7	58.6	98.6	
95	32.4	11.8	51.8	

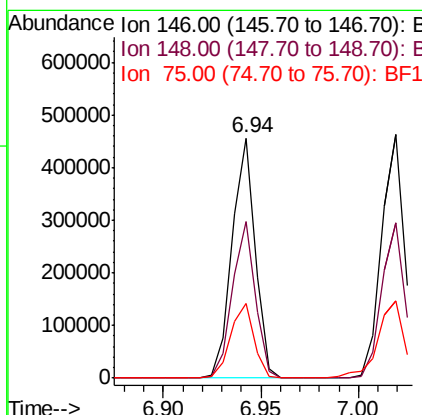
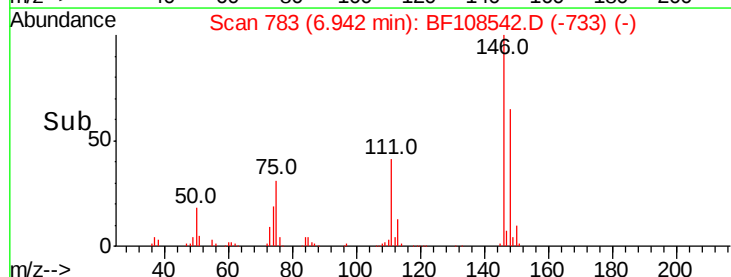
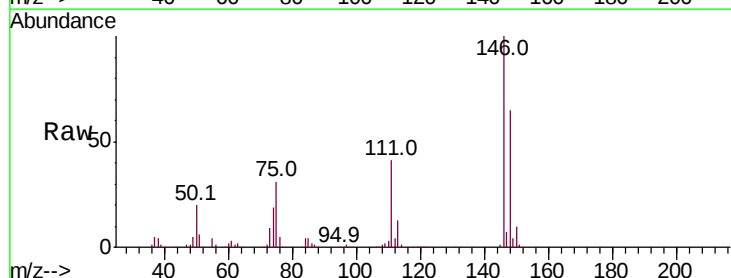
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#12
1,3-Dichlorobenzene
Concen: 46.924 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.4	51.8	77.8	
75	31.1	24.2	36.4	





#13

1,4-Dichlorobenzene

Concen: 47.125 ng

RT: 7.02 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

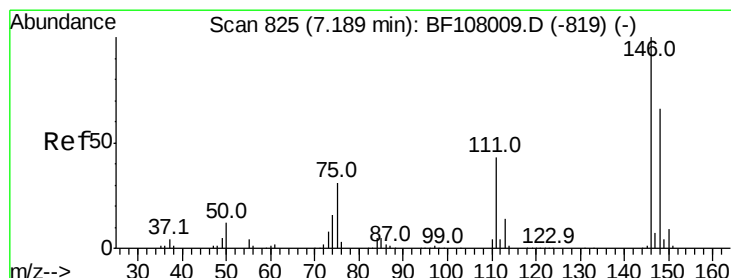
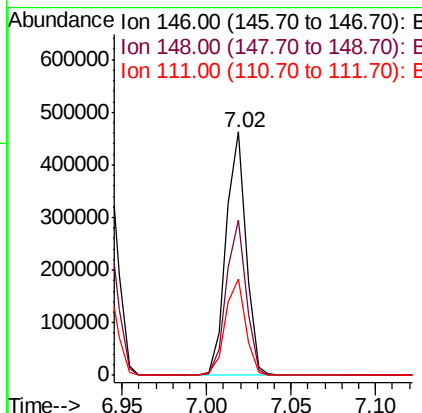
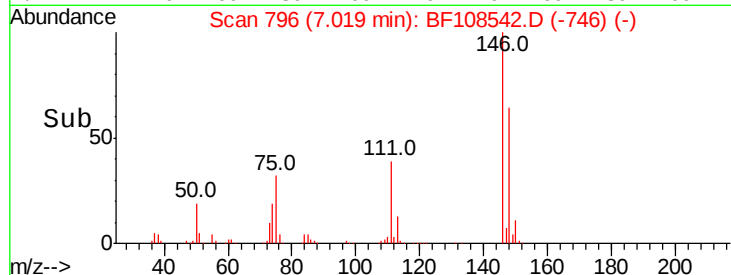
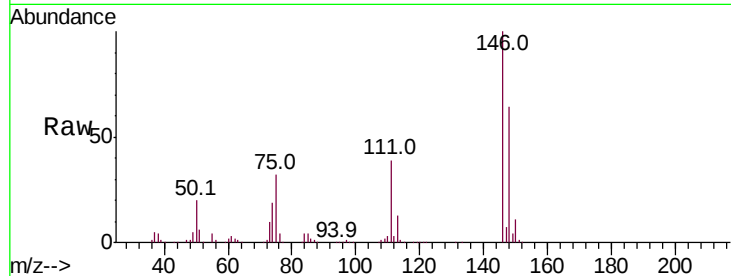
ClientSampleId :

PB112391BS

Tot Ion:	146	Resp:	378892
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.8	76.2
111	39.5	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 46.579 ng

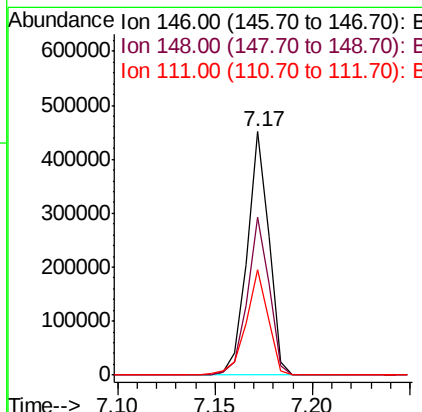
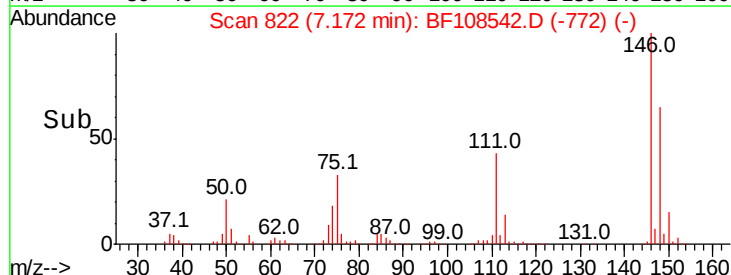
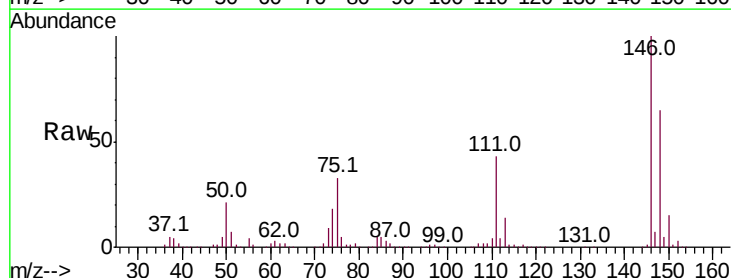
RT: 7.17 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Tgt Ion:	146	Resp:	348342
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.6	75.8
111	43.2	36.0	54.0





#15

Benzyl Alcohol

Concen: 43.825 ng

RT: 7.14 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

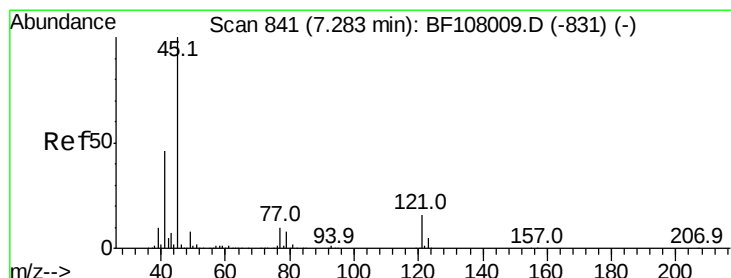
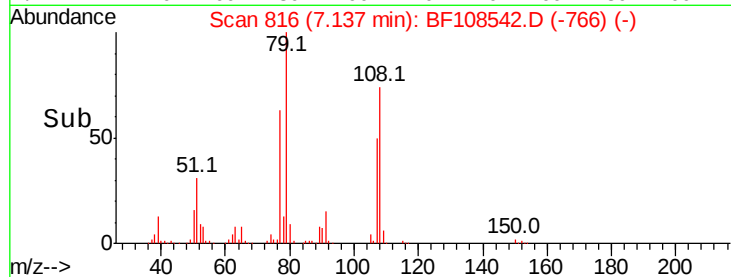
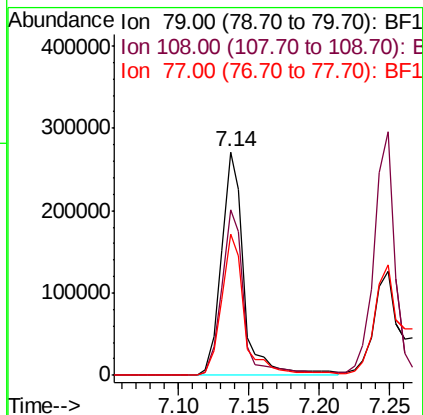
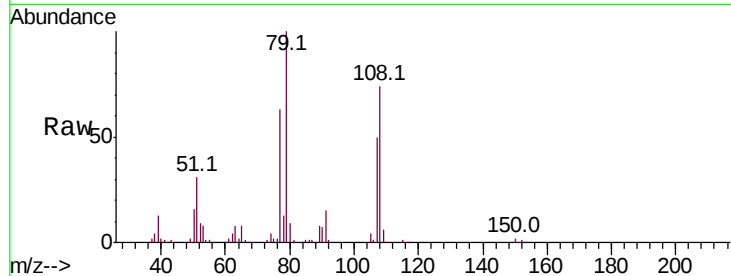
ClientSampleId :

PB112391BS

Tot Ion:	79	Resp:	301267
Ion Ratio	Lower	Upper	
79	100		
108	74.1	65.1	97.7
77	63.5	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.589 ng

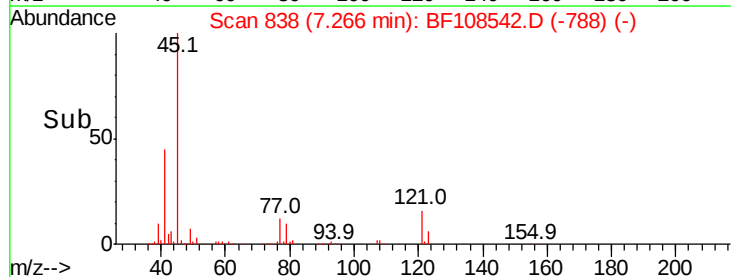
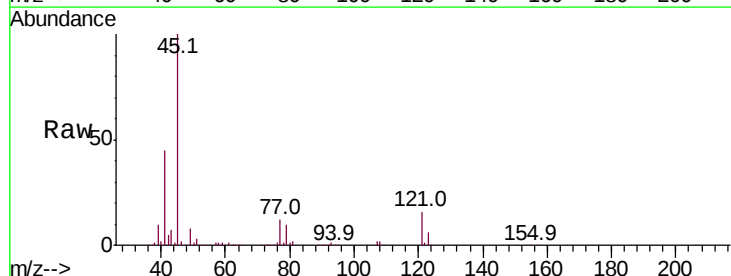
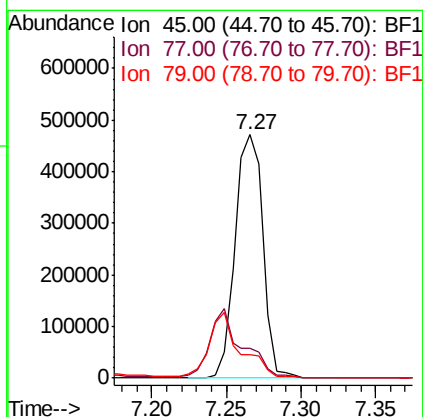
RT: 7.27 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Tgt Ion:	45	Resp:	613193
Ion Ratio	Lower	Upper	
45	100		
77	12.1	0.0	32.9
79	9.6	0.0	29.6





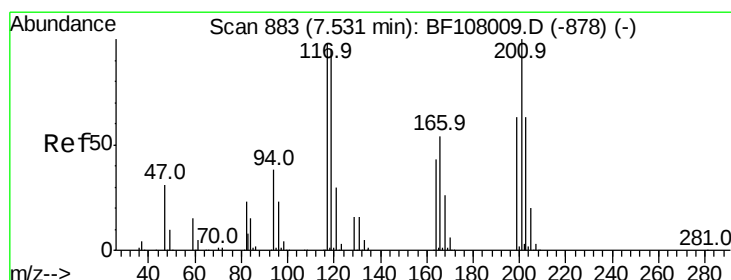
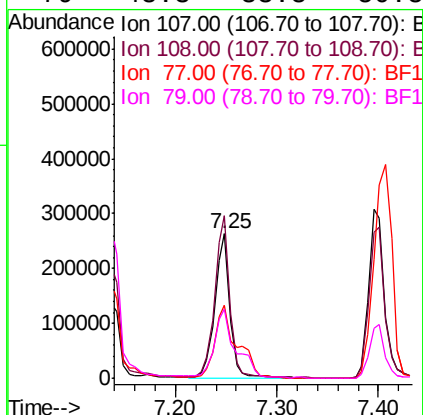
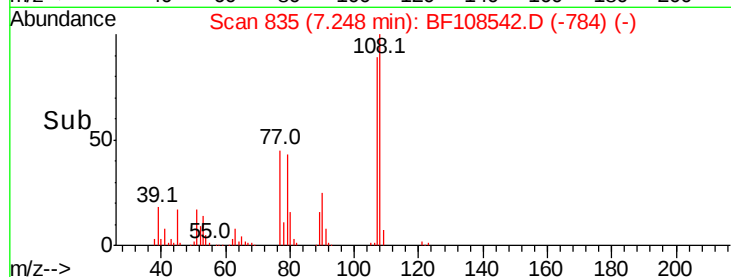
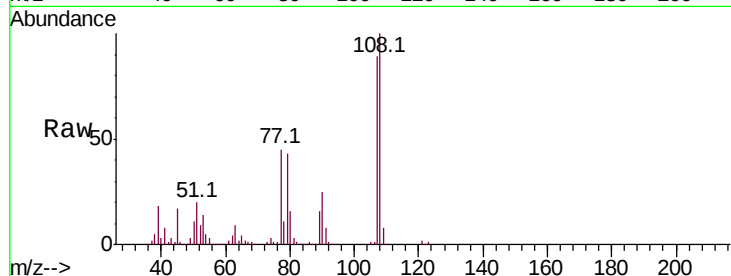
#17
2-Methylphenol
Concen: 46.152 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampled :
PB112391BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.2	91.7	137.5	
77	50.7	33.8	50.8	
79	48.3	33.8	50.8	

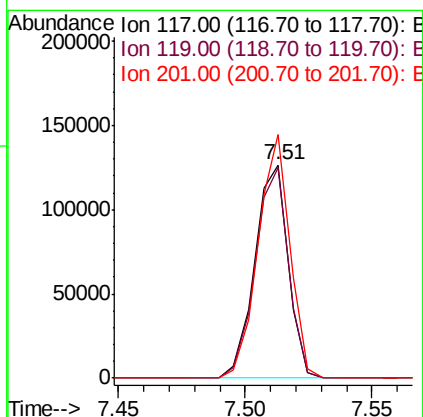
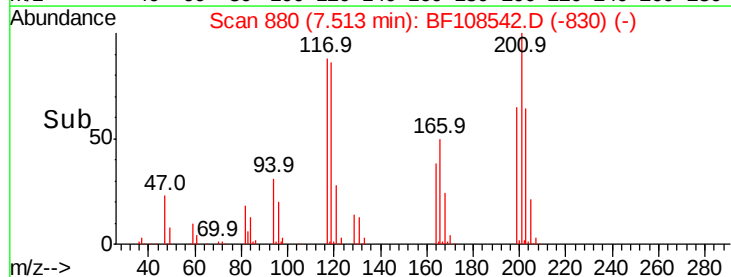
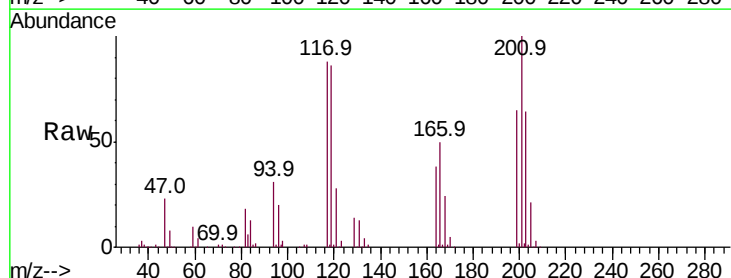
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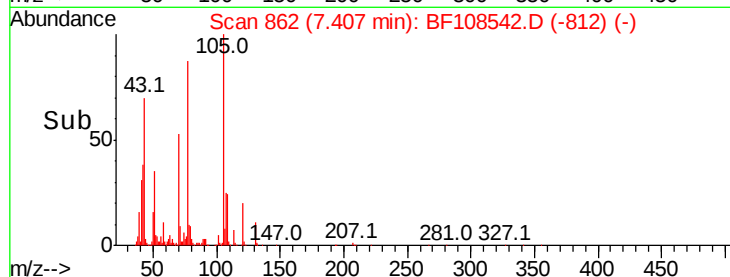
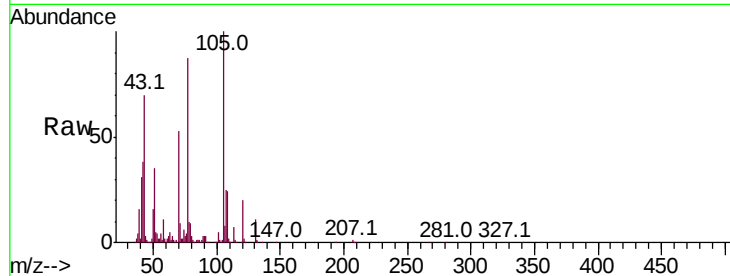
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#18
Hexachloroethane
Concen: 40.889 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.3	75.8	113.8	
201	114.0	75.7	113.5#	





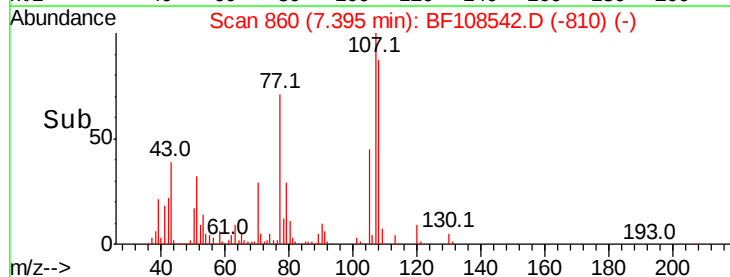
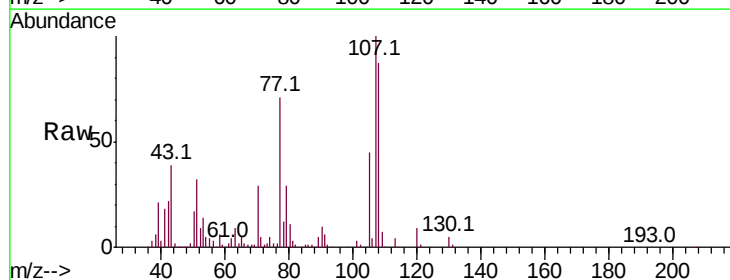
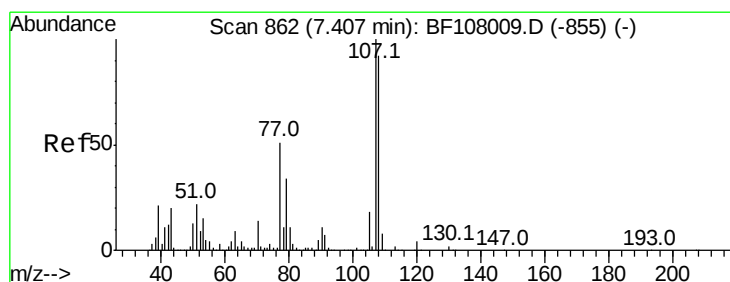
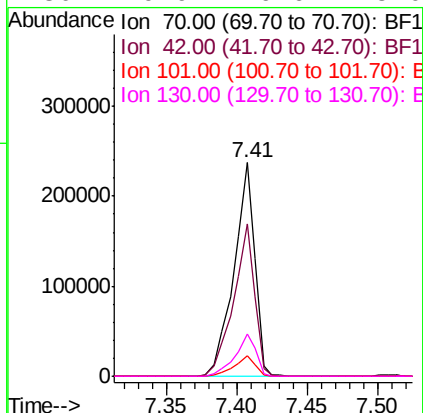
#19
n-Nitroso-di-n-propylamine
Concen: 44.377 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampleId :
PB112391BS

Manual Integrations
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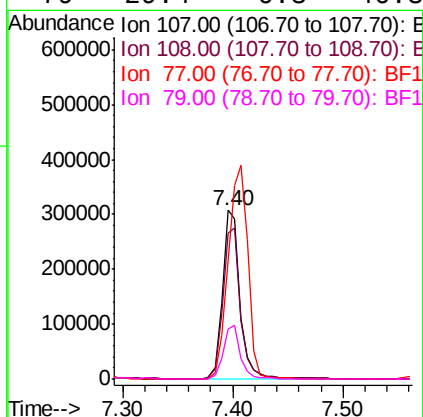
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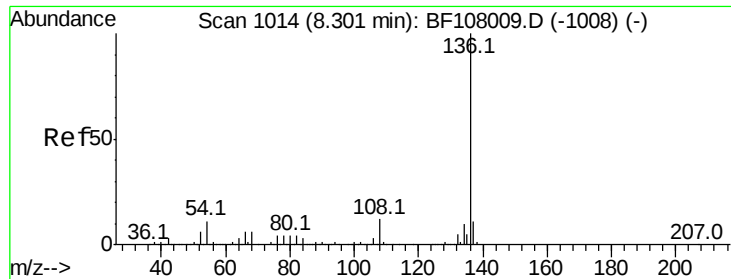
Tot Ion	Ratio	Lower	Upper
70	100		
42	71.1	47.5	71.3
101	9.6	7.4	11.2
130	19.9	16.6	25.0



#20
3+4-Methylphenols
Concen: 44.322 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.6	68.2	108.2
77	70.8	26.7	66.7#
79	29.4	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

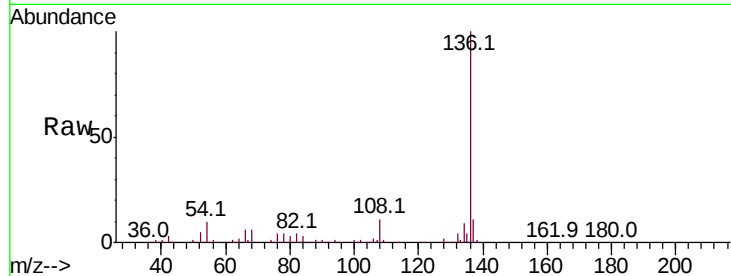
ClientSampleId :

PB112391BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	10.3	6.6	9.8#	
68	6.0	5.0	7.4	

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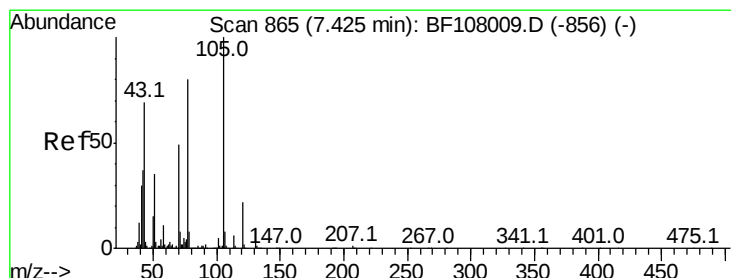
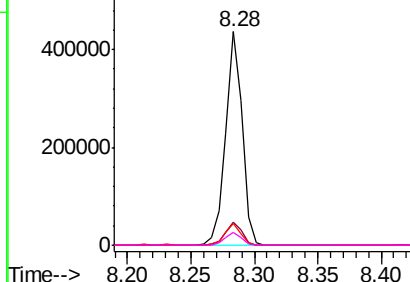
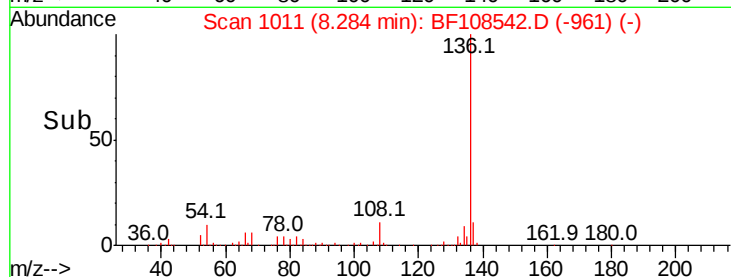
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 50.850 ng

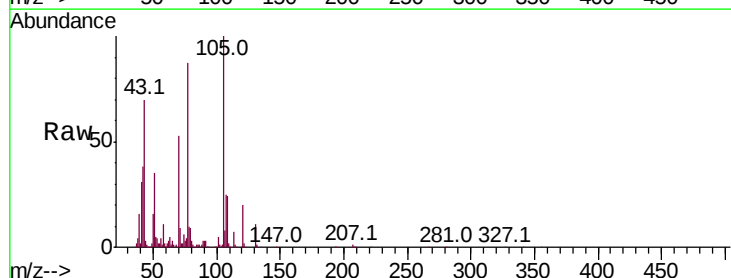
RT: 7.41 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.7	4.4	6.6#	
51	35.1	22.3	33.5#	
120	20.4	16.9	25.3	



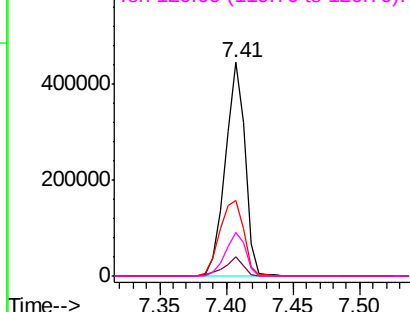
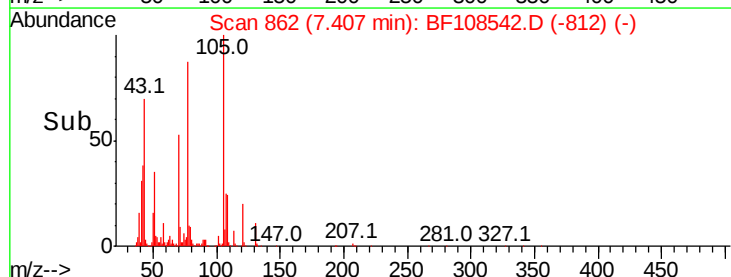
Abundance

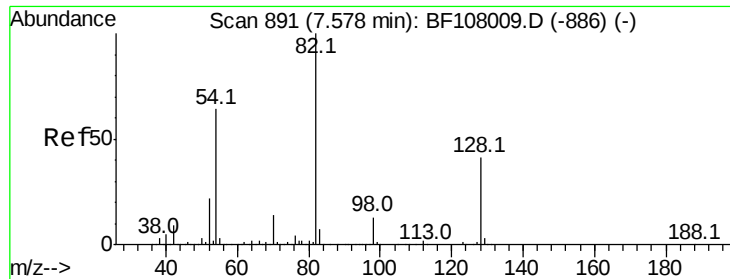
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





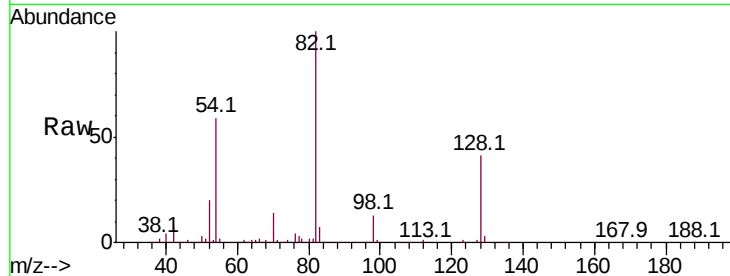
#23
Nitrobenzene-d5
Concen: 102.508 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampleId :
PB112391BS

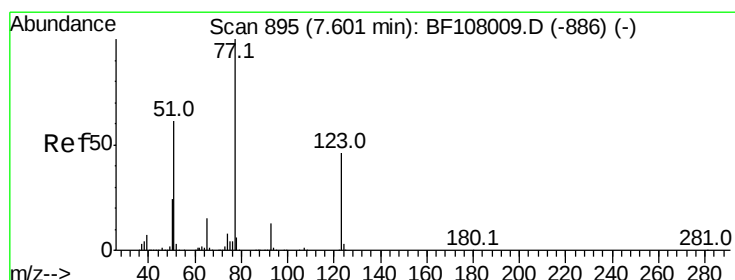
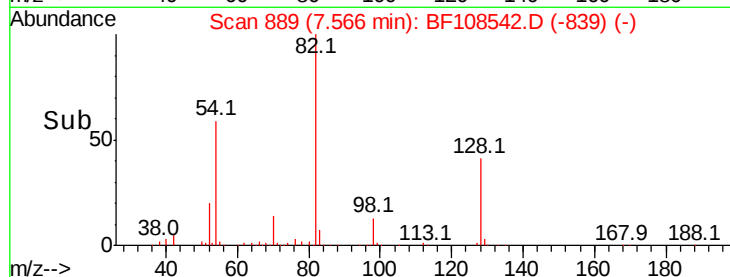
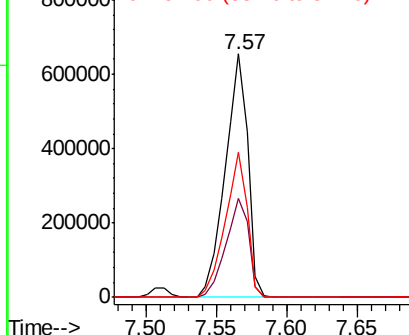
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.8	36.1	54.1
54	59.4	41.4	62.2

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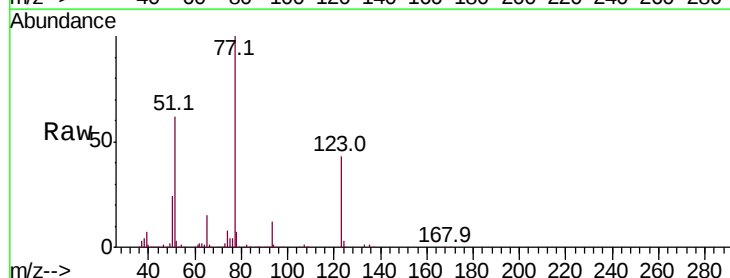


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

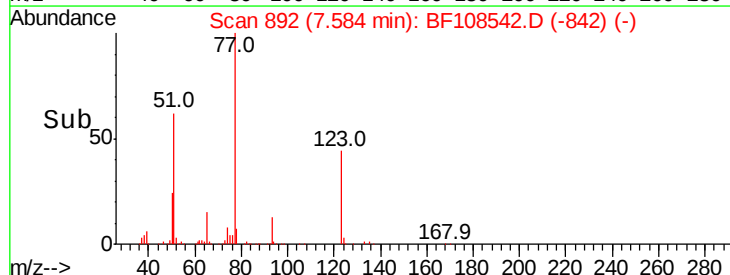
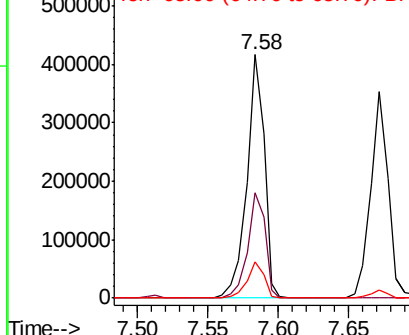


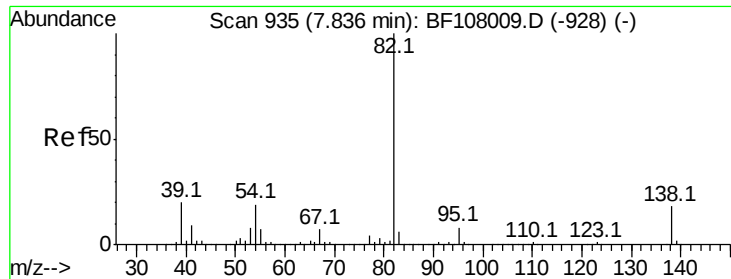
#24
Nitrobenzene
Concen: 50.225 ng
RT: 7.58 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.4	37.9	56.9
65	14.9	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 48.675 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

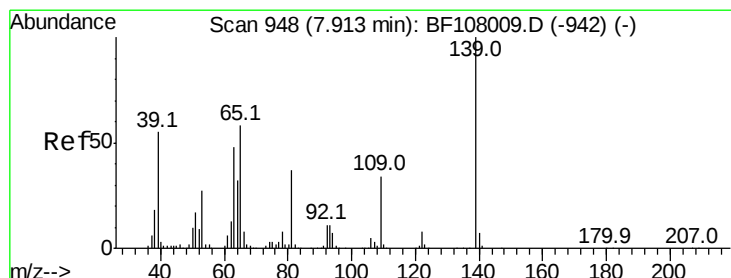
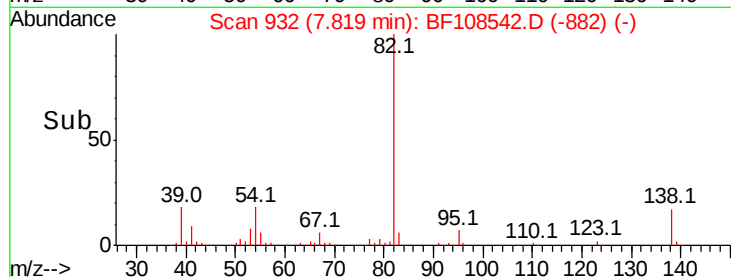
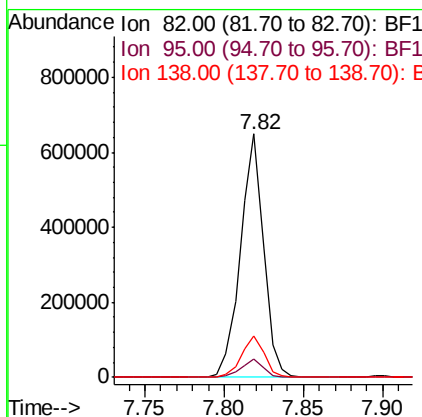
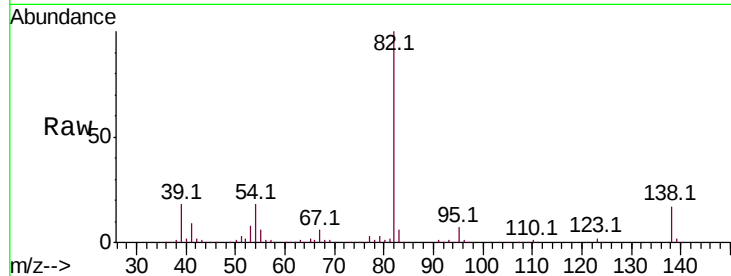
ClientSampleId :

PB112391BS

Tot Ion:	82	Resp:	655563
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.2	7.8
138	17.0	14.9	22.3

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#26

2-Nitrophenol

Concen: 52.426 ng

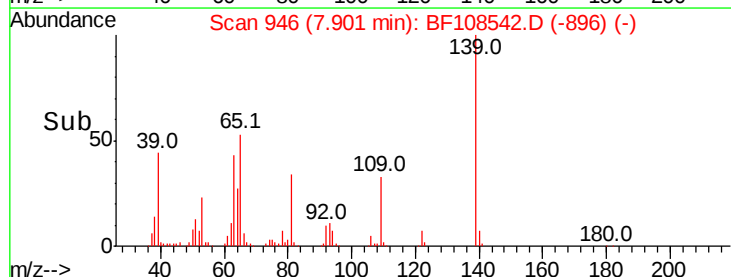
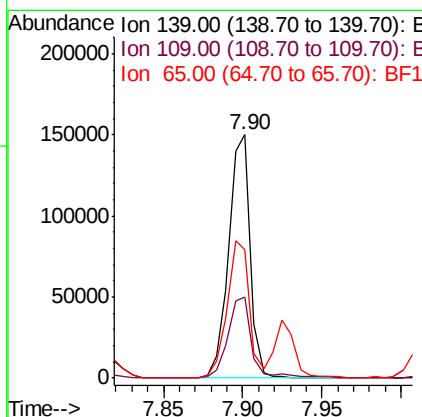
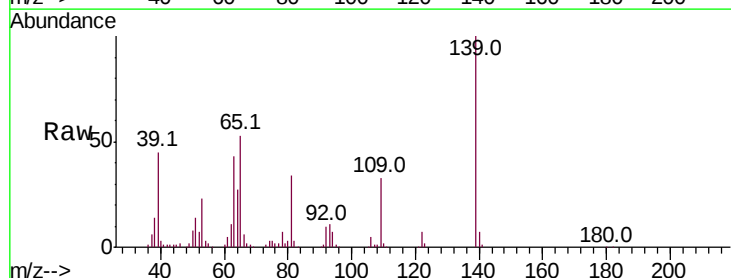
RT: 7.90 min Scan# 946

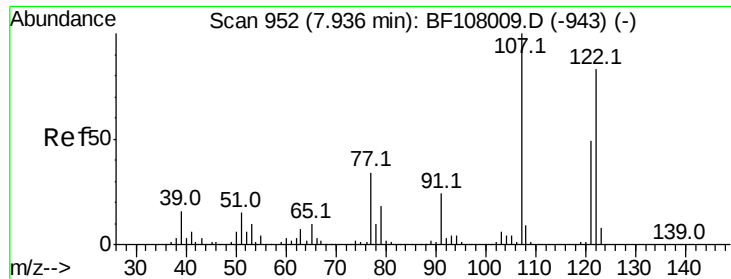
Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Tgt Ion:	139	Resp:	141466
Ion Ratio	Lower	Upper	
139	100		
109	33.2	22.7	34.1
65	52.6	40.5	60.7





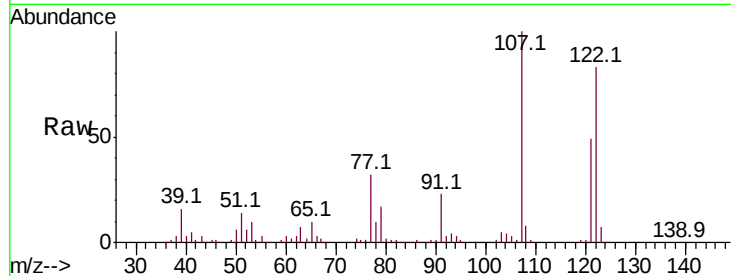
#27
 2,4-Dimethylphenol
 Concen: 49.185 ng
 RT: 7.92 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Instrument :
 BNA_F
 ClientSampleId :
 PB112391BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.2	91.2	136.8
121	59.4	47.2	70.8

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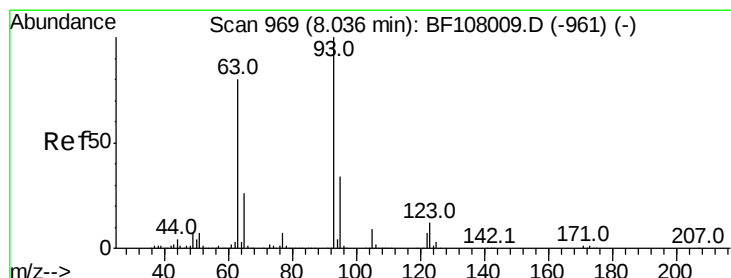
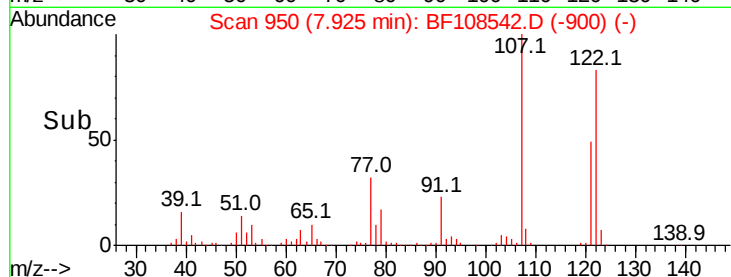
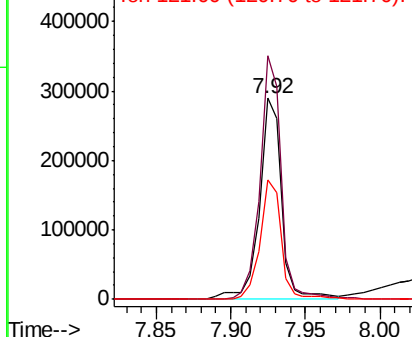


Abundance

Ion 122.00 (121.70 to 122.70): E

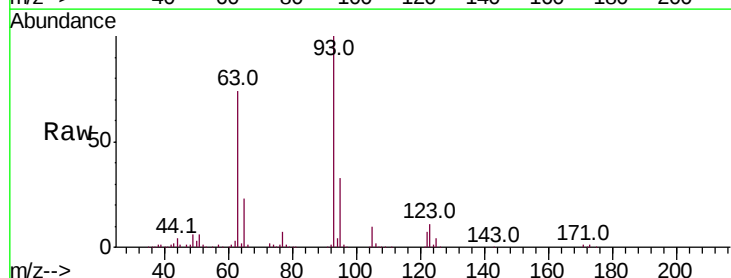
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.693 ng
 RT: 8.02 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.3	39.5
123	11.5	9.8	14.6

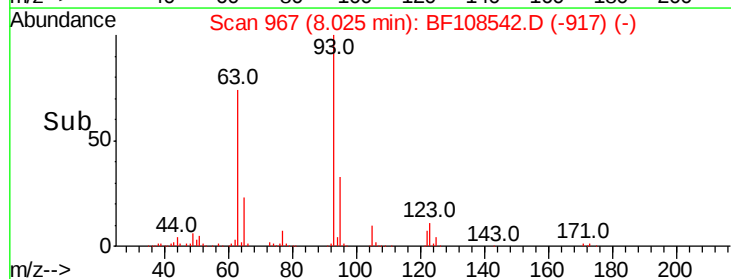
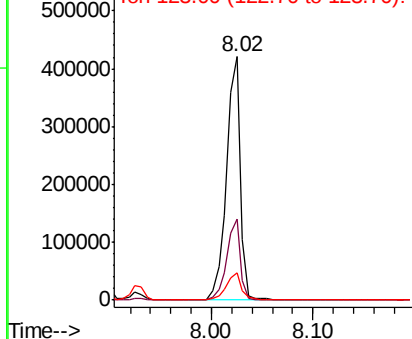


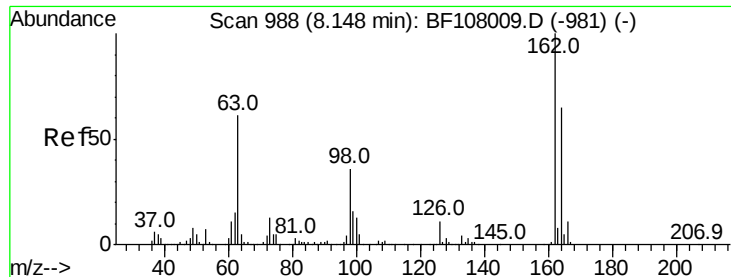
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





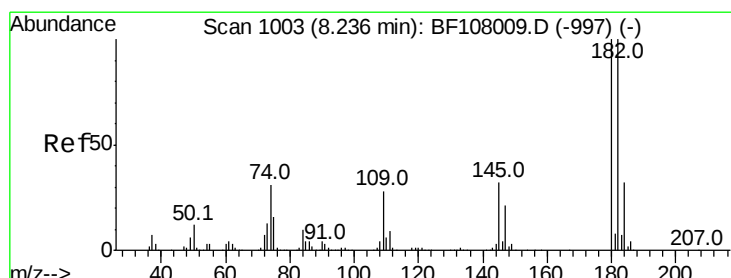
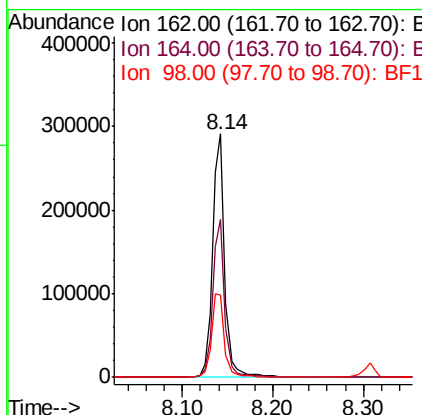
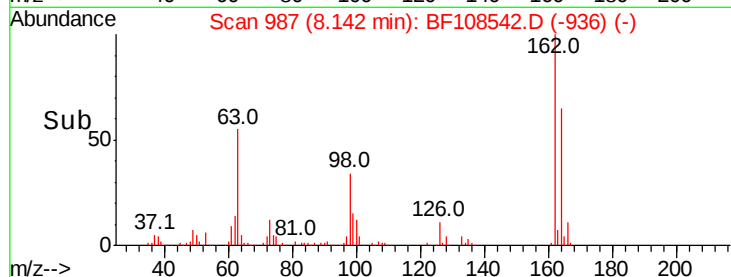
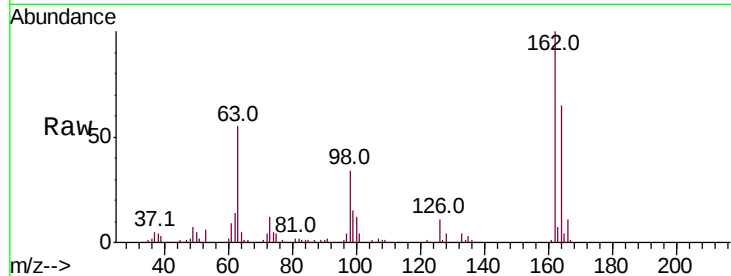
#29
2,4-Dichlorophenol
Concen: 49.754 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampleId :
PB112391BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	273691		
164	64.8	42.7	82.7	
98	33.8	18.1	58.1	

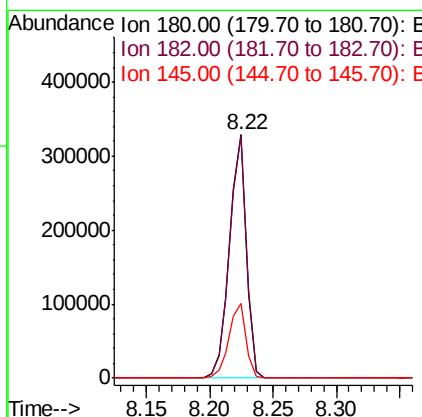
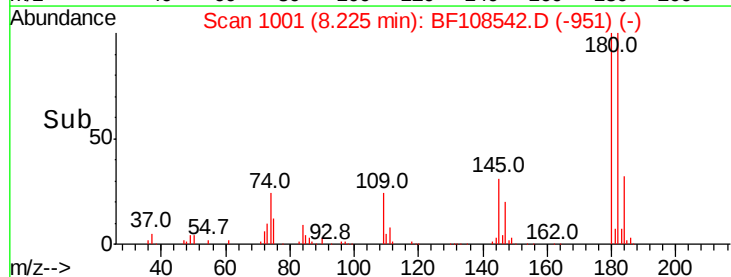
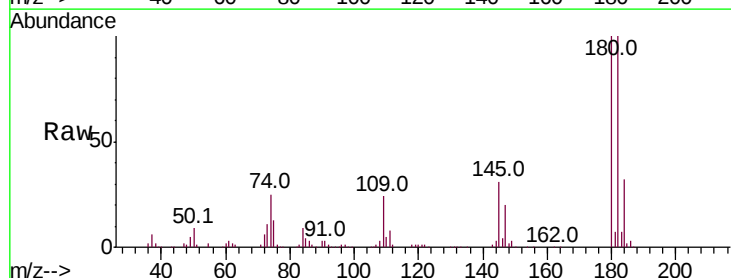
Manual Integrations
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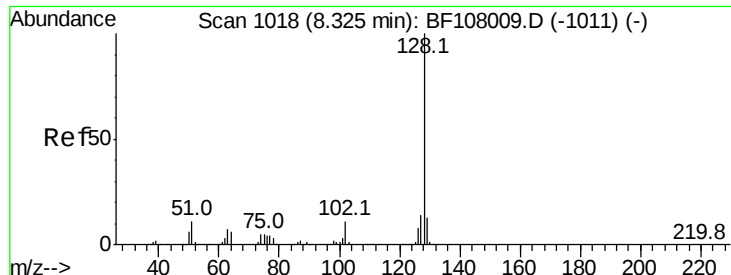
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 49.889 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	302572		
182	99.8	76.8	115.2	
145	30.8	26.5	39.7	





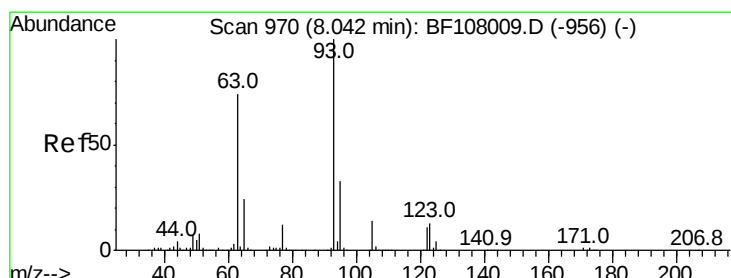
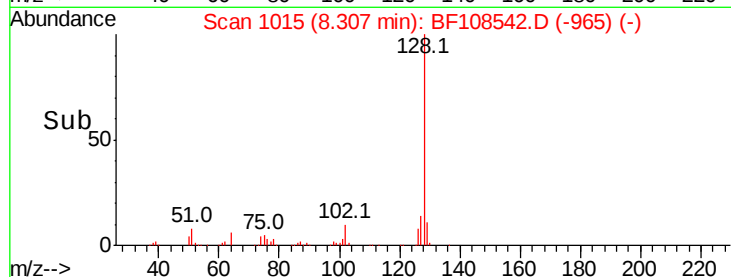
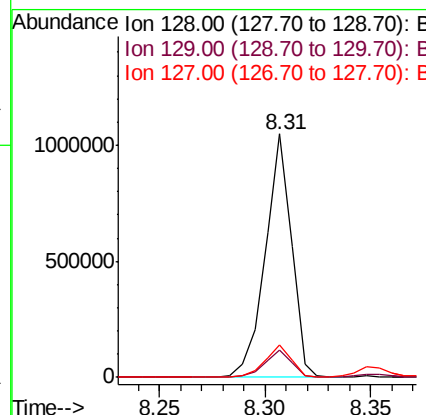
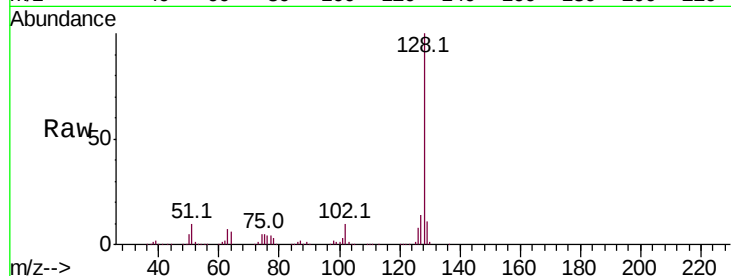
#31
Naphthalene
Concen: 50.785 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampleId :
PB112391BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	8.8	13.2	
127	13.5	10.9	16.3	

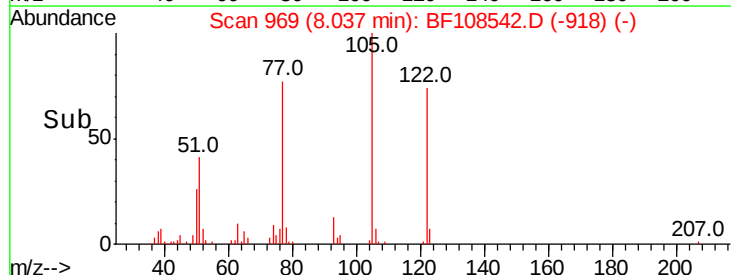
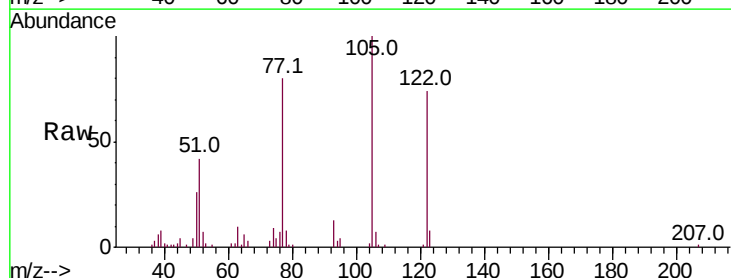
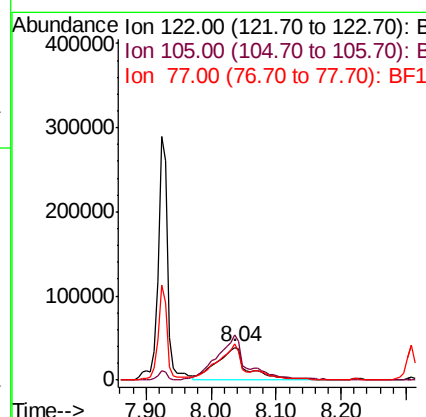
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#32
Benzoic acid
Concen: 38.253 ng
RT: 8.04 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	135.4	101.1	141.1	
77	108.7	70.7	110.7	





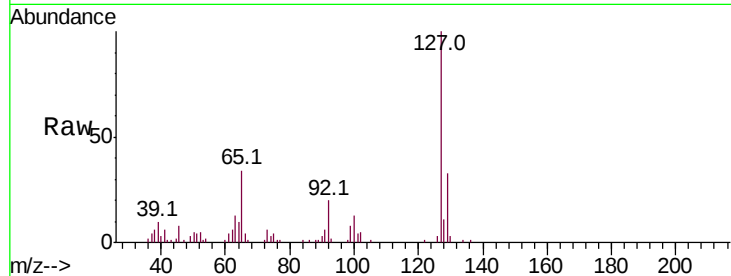
#33
 4-Chloroaniline
 Concen: 7.638 ng
 RT: 8.35 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Instrument :
 BNA_F
 ClientSampleId :
 PB112391BS

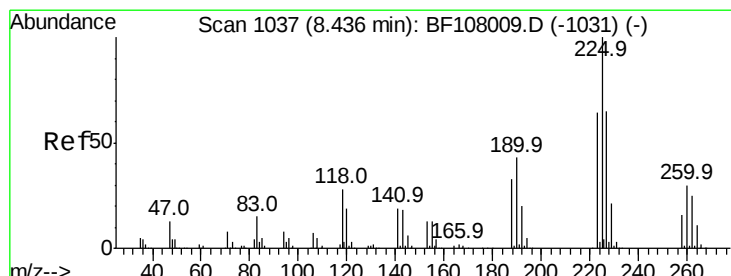
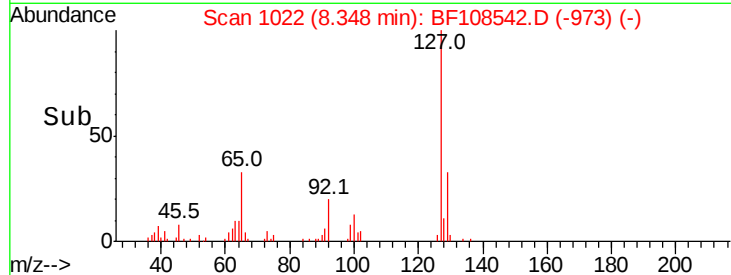
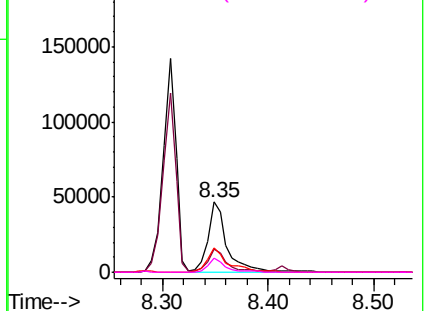
Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	33.2	25.9	38.9
65	34.4	25.0	37.4
92	20.4	15.2	22.8

Manual Integrations
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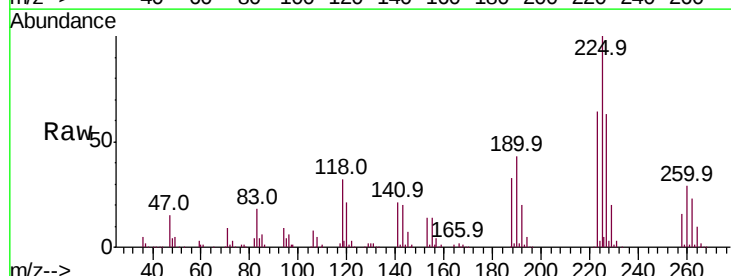


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

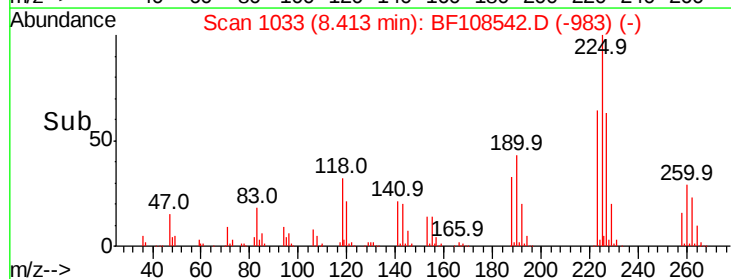
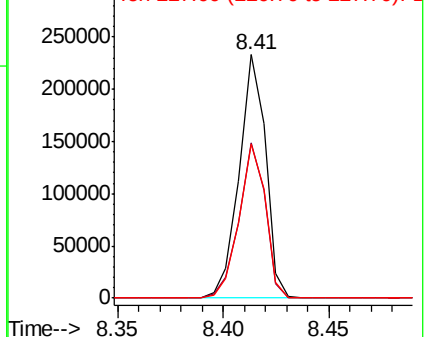


#34
 Hexachlorobutadiene
 Concen: 52.601 ng
 RT: 8.41 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.7	50.6	76.0
227	63.3	51.9	77.9



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





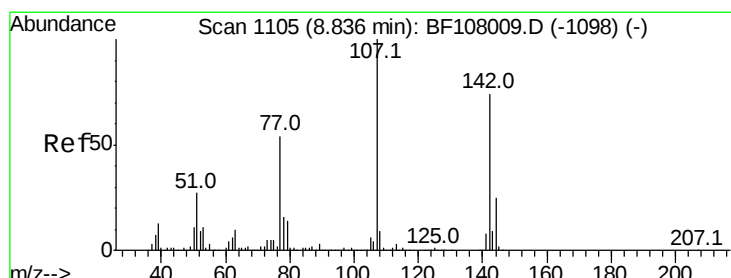
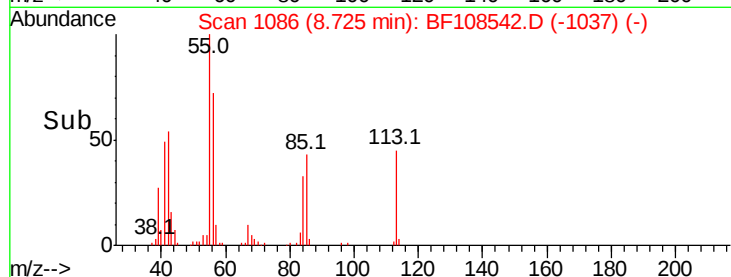
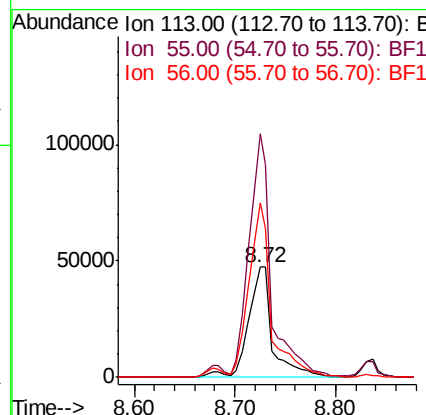
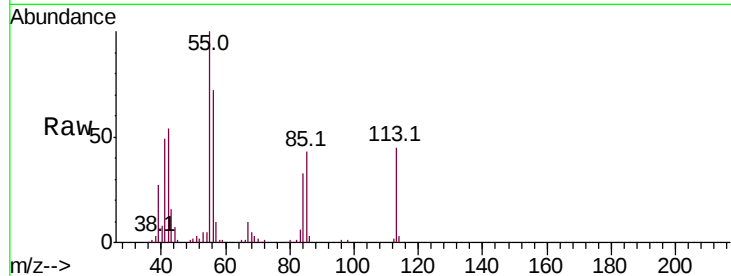
#35
 Caprolactam
 Concen: 45.445 ng/ml
 RT: 8.72 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Instrument :
 BNA_F
 ClientSampleID :
 PB112391BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	221.2	163.3	203.3#
56	158.5	115.7	155.7#

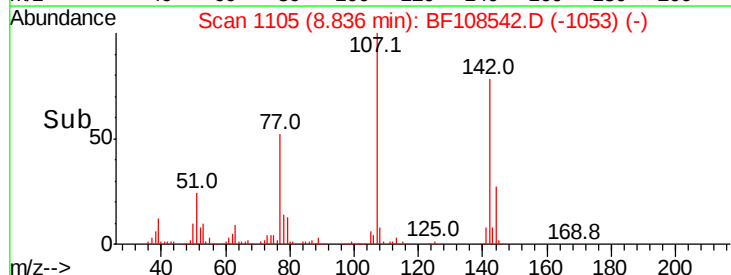
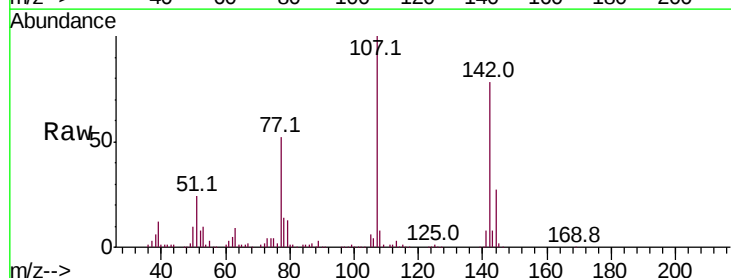
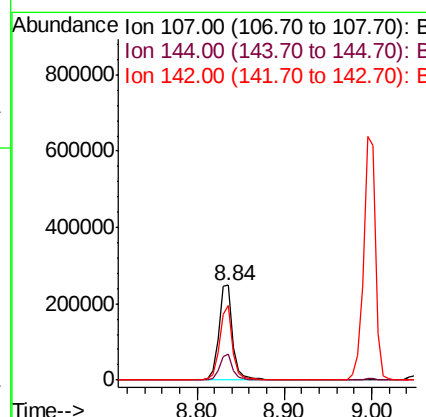
Manual Integrations
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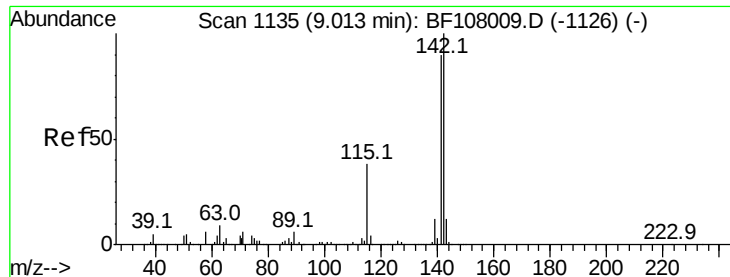
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#36
 4-Chloro-3-methylphenol
 Concen: 45.939 ng/ml
 RT: 8.84 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	20.5	30.7
142	78.4	62.0	93.0





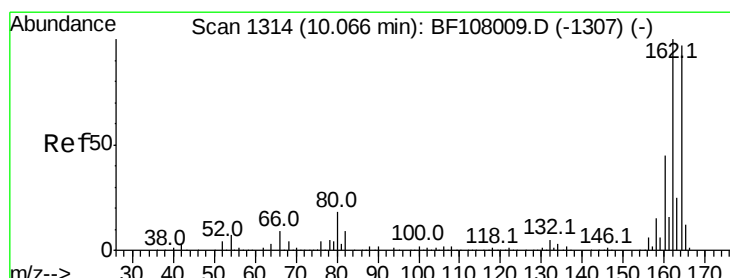
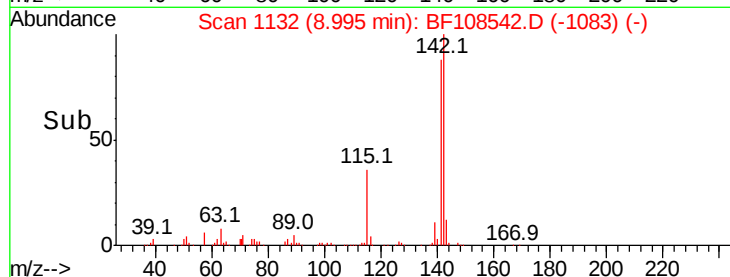
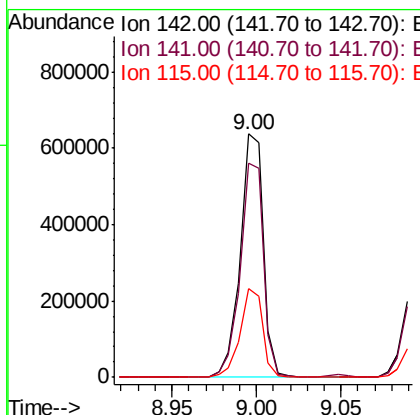
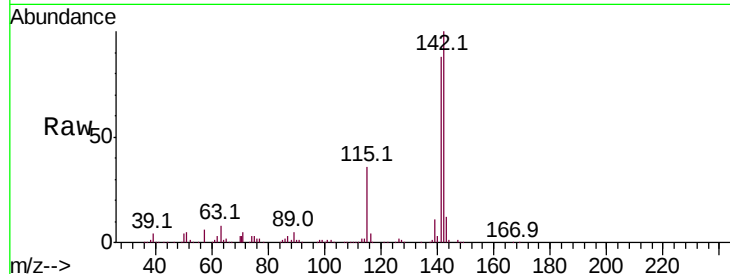
#37
2-Methylnaphthalene
Concen: 47.921 ng
RT: 9.00 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampleId :
PB112391BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.8	106.2
115	36.5	26.1	39.1

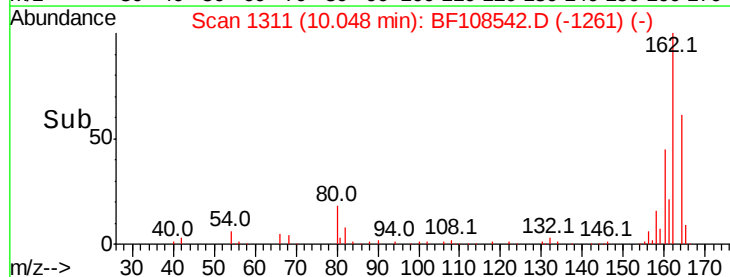
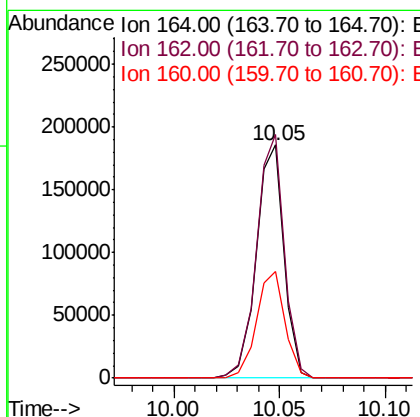
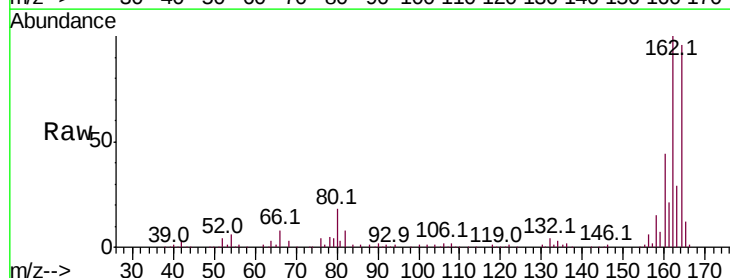
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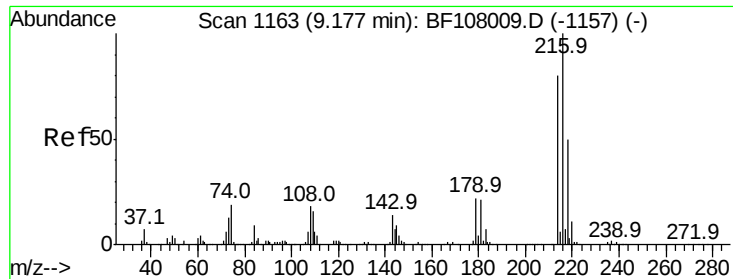
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	46.0	38.3	57.5





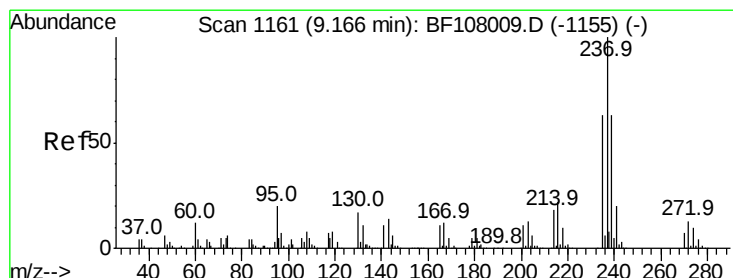
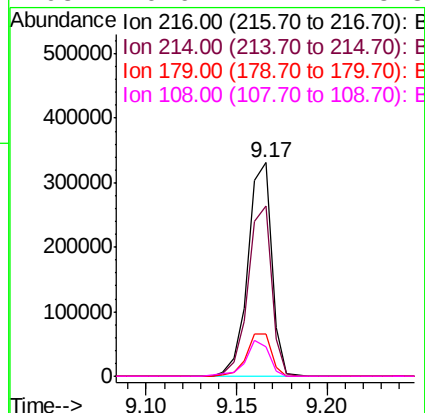
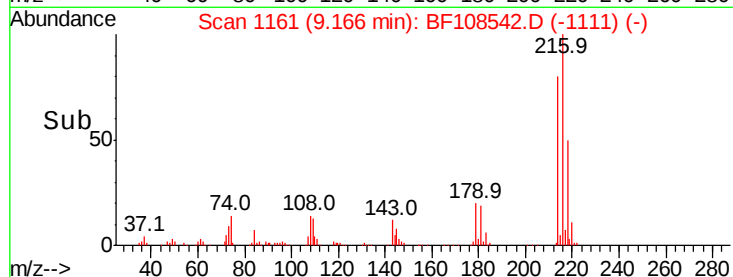
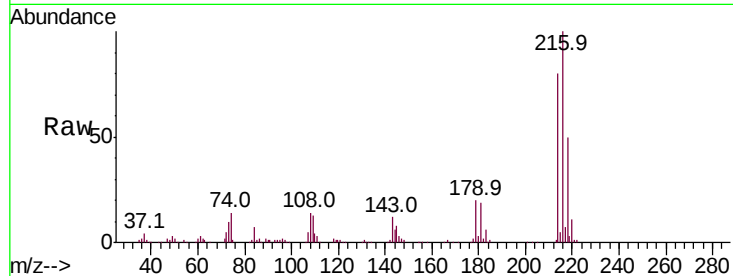
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 58.211 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Instrument :
 BNA_F
 ClientSampleId :
 PB112391BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.2	63.0	94.4
179	20.6	18.1	27.1
108	16.6	17.2	25.8#

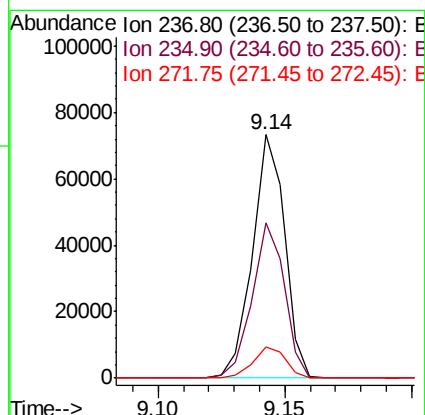
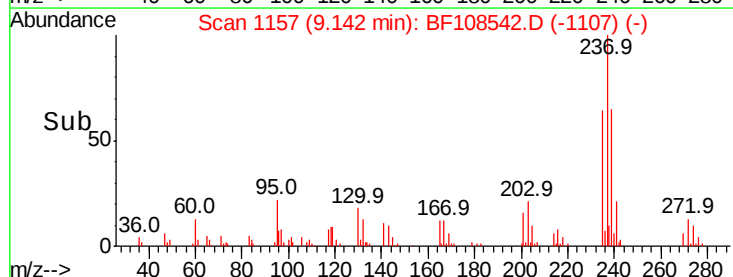
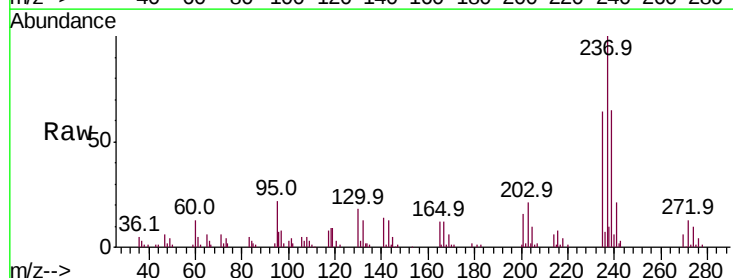
Manual Integrations
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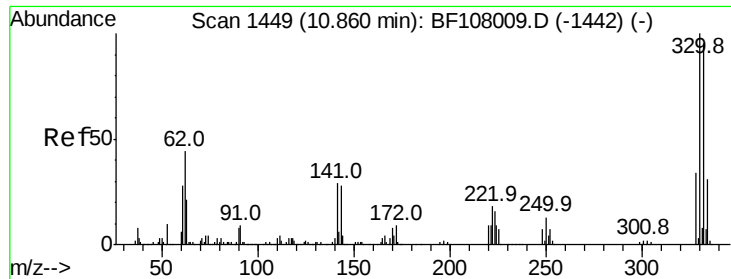
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#40
 Hexachlorocyclopentadiene
 Concen: 19.415 ng
 RT: 9.14 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.9	44.8	84.8
272	12.7	0.0	33.3





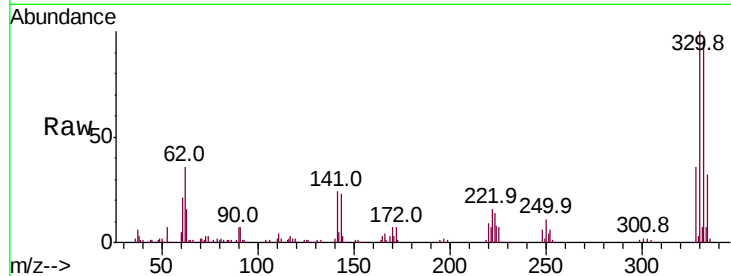
#41
 2,4,6-Tribromophenol
 Concen: 91.779 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Instrument :
 BNA_F
 ClientSampleId :
 PB112391BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	155020		
332	95.5	77.0	115.6	
141	32.0	29.9	44.9	

Manual Integrations
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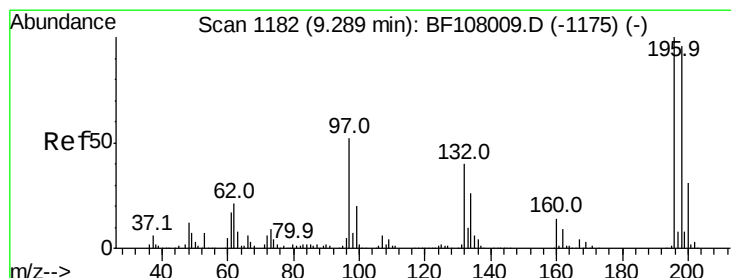
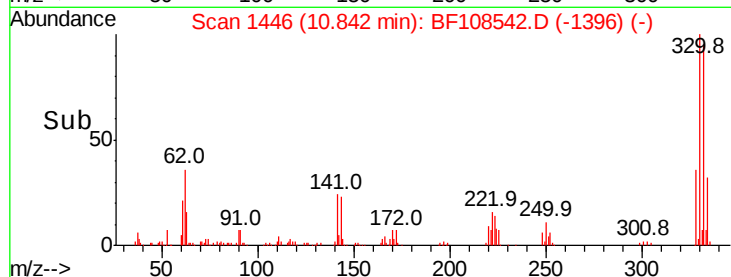
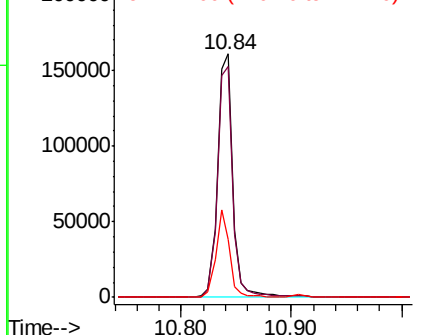


Abundance

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: 56.061 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

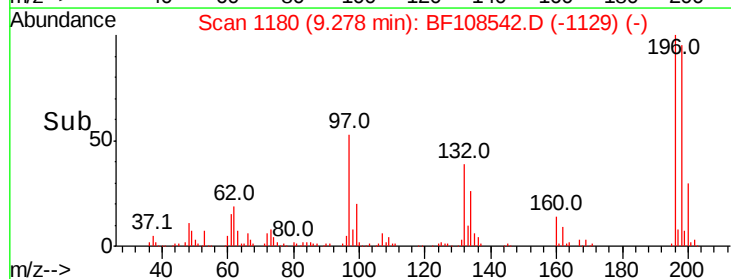
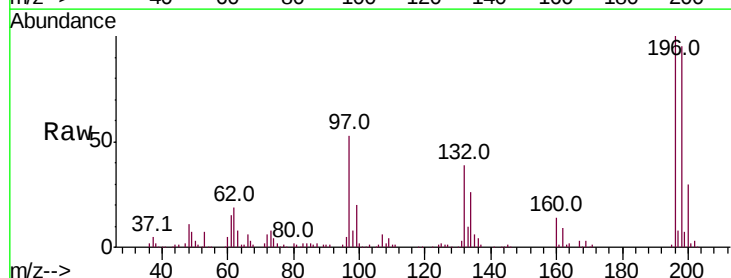
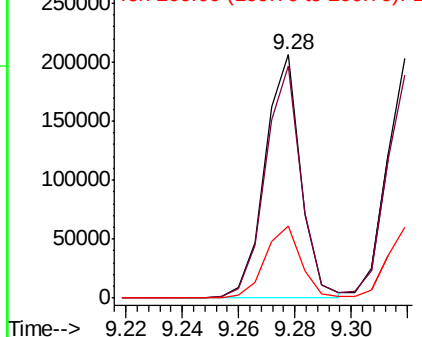
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	180902		
198	95.3	75.7	113.5	
200	29.5	24.5	36.7	

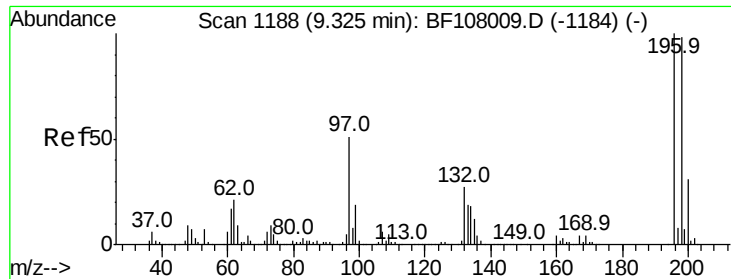
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





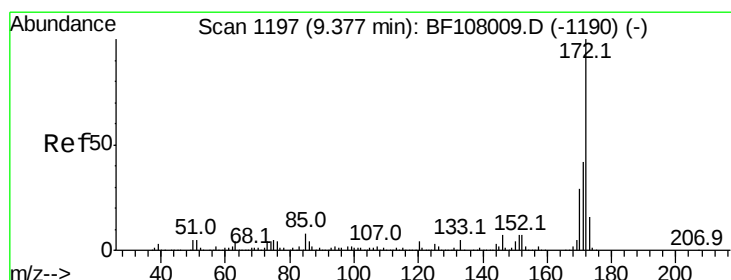
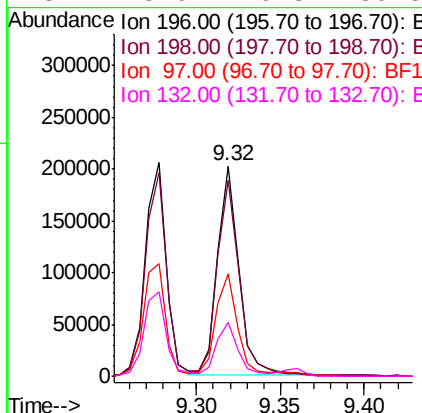
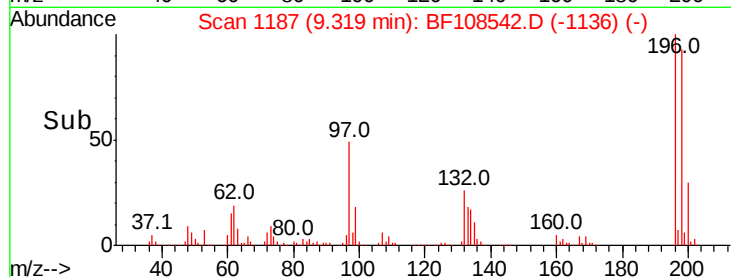
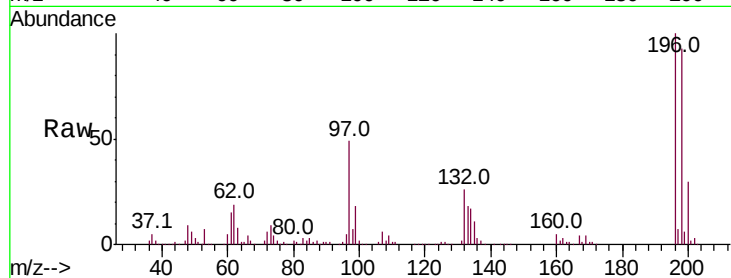
#43
 2,4,5-Trichlorophenol
 Concen: 51.128 ng m
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Instrument :
 BNA_F
 ClientSampleId :
 PB112391BS

Tot Ion:	196	Resp:	181619
Ion Ratio	Lower	Upper	
196	100		
198	93.1	74.6	112.0
97	49.0	42.9	64.3
132	25.9	26.3	39.5#

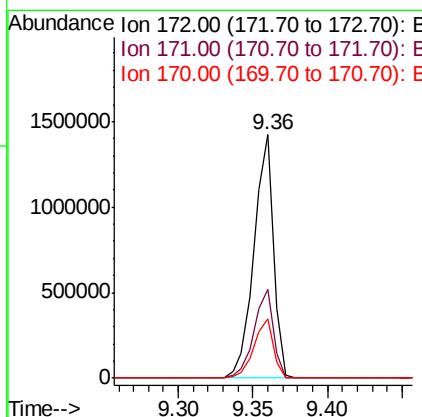
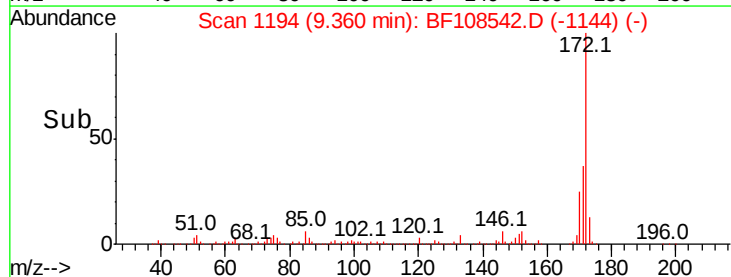
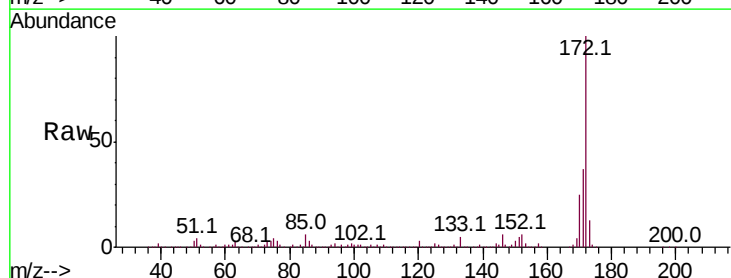
Manual Integrations
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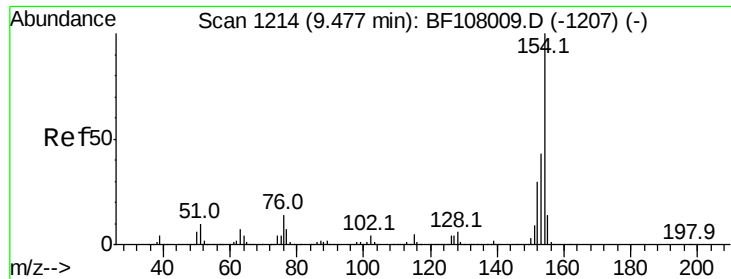
Sohil
 8/28/2018 12:16:48 PM



#44
 2-Fluorobiphenyl
 Concen: 120.936 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Tgt Ion:	172	Resp:	1275542
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.7	44.5
170	24.5	19.6	29.4





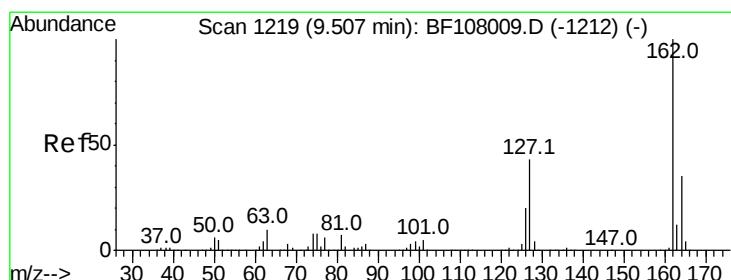
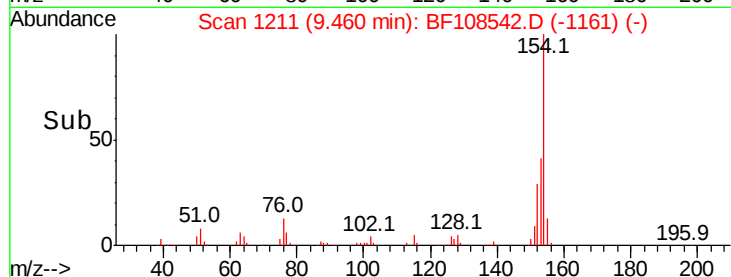
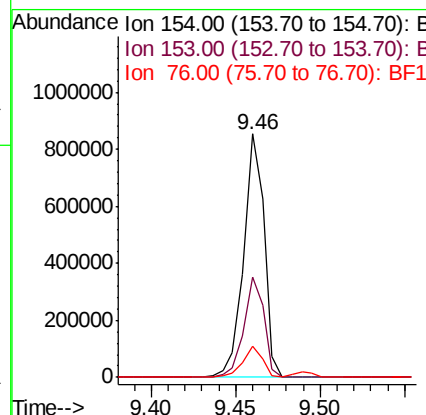
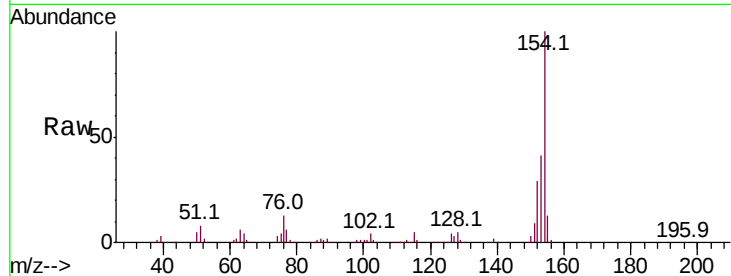
#45
 1,1'-Biphenyl
 Concen: 57.572 ng
 RT: 9.46 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Instrument :
 BNA_F
 ClientSampled :
 PB112391BS

Tot Ion:	154	Resp:	718783
Ion Ratio	Lower	Upper	
154	100		
153	41.2	21.3	61.3
76	12.8	0.0	34.0

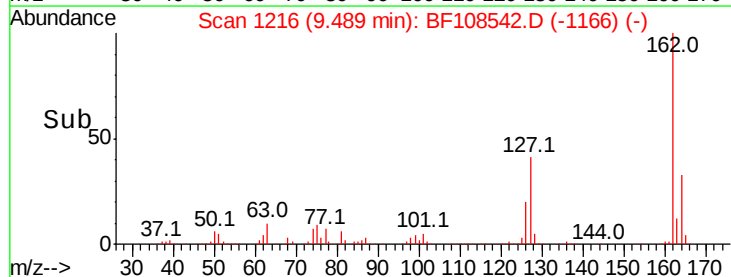
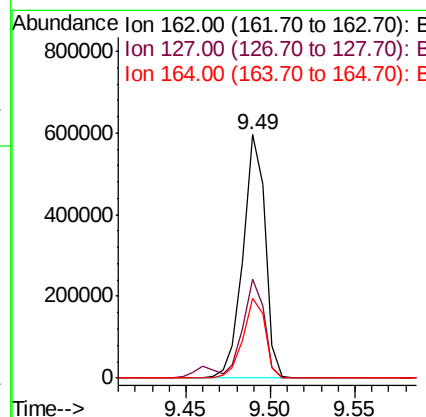
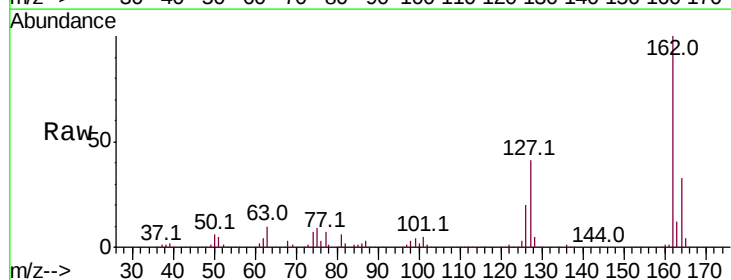
Manual Integrations
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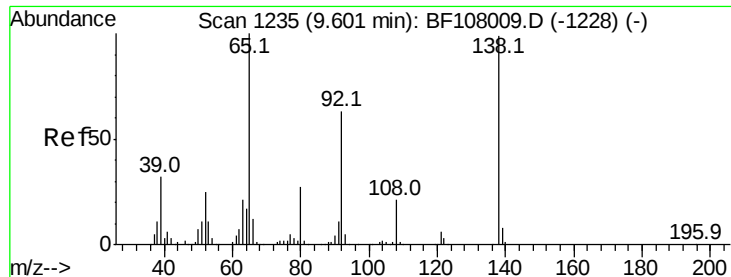
Sohil
 8/28/2018 12:16:48 PM



#46
 2-Chloronaphthalene
 Concen: 55.231 ng
 RT: 9.49 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Tgt Ion:	162	Resp:	544995
Ion Ratio	Lower	Upper	
162	100		
127	40.6	33.9	50.9
164	32.6	26.5	39.7





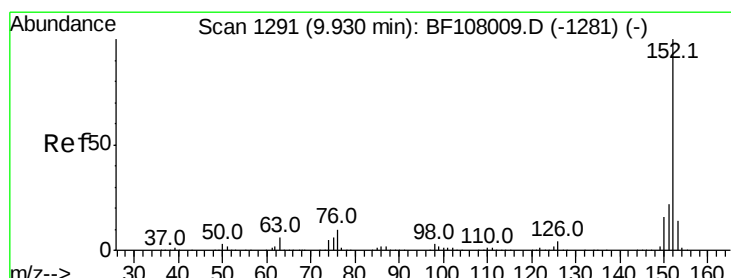
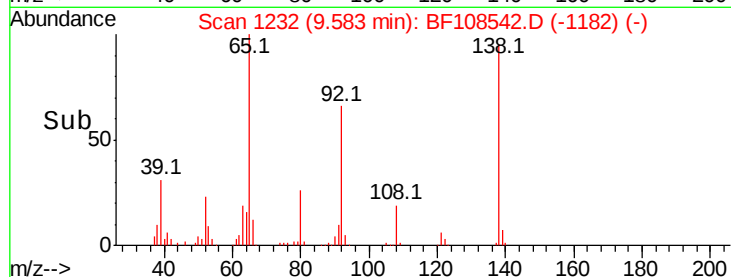
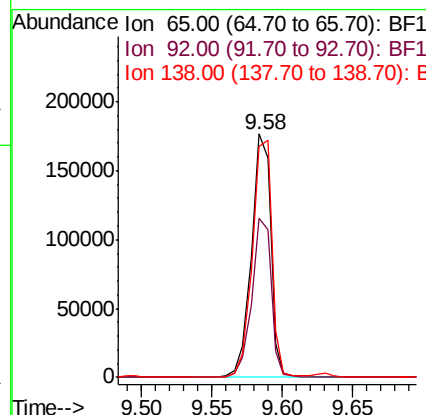
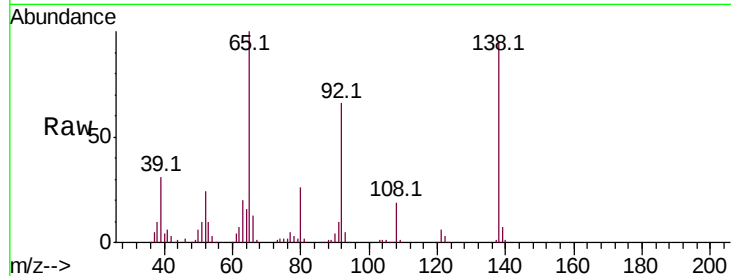
#47
2-Nitroaniline
Concen: 53.584 ng
RT: 9.58 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampleId :
PB112391BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.5	55.8	83.6
138	94.6	91.2	136.8

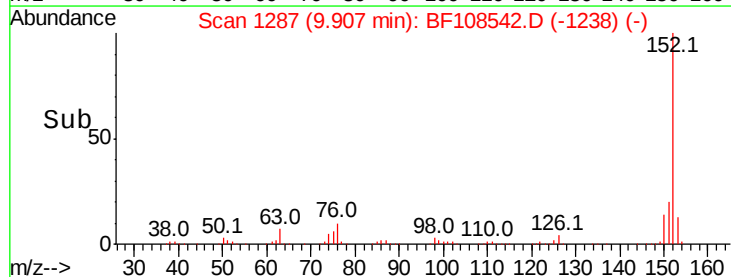
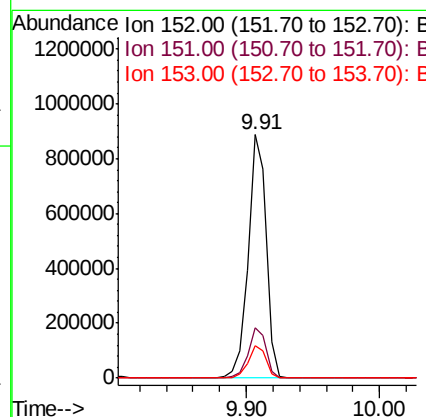
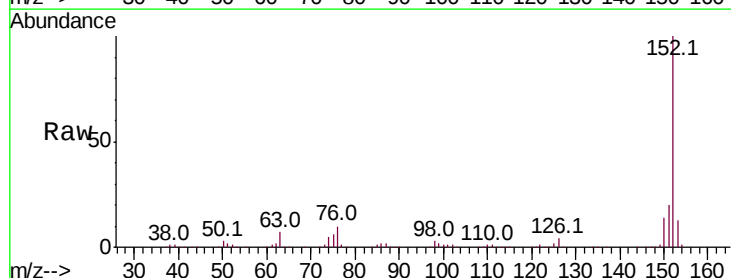
Manual Integrations
APPROVED

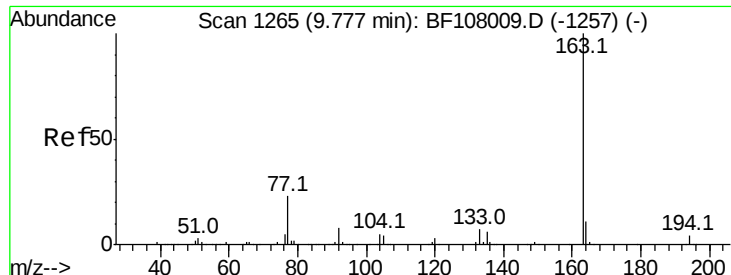
Sohil
8/28/2018 12:16:48 PM



#48
Acenaphthylene
Concen: 52.500 ng
RT: 9.91 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.3	10.7	16.1





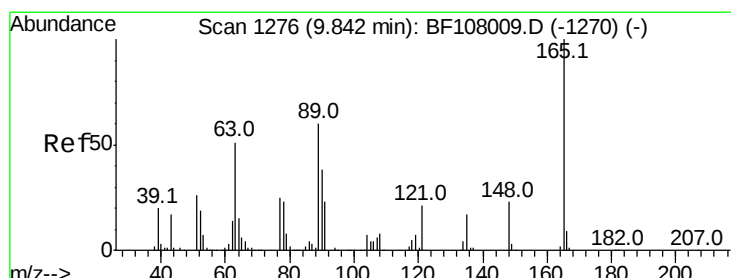
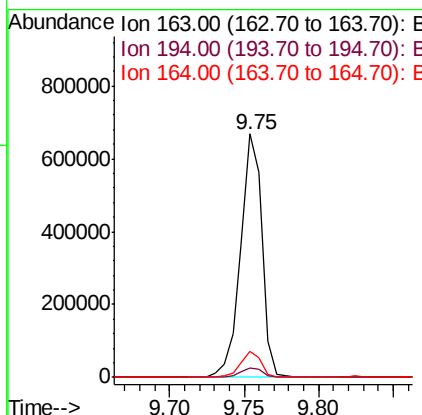
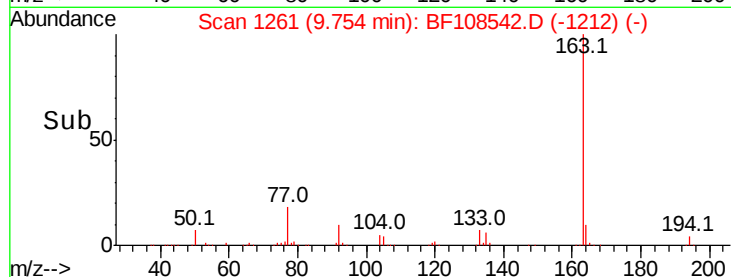
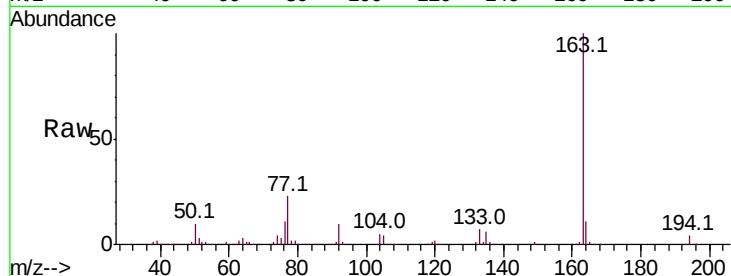
#49
Dimethylphthalate
Concen: 56.314 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampleId :
PB112391BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	664249		
194	4.0		2.7	4.1
164	10.6		8.2	12.2

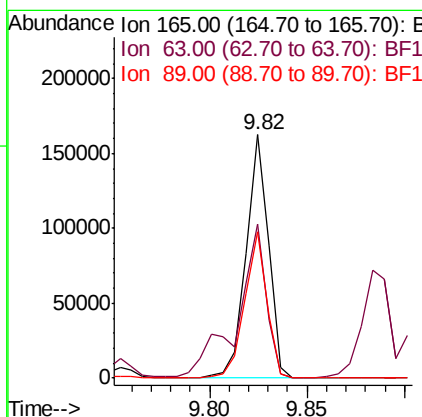
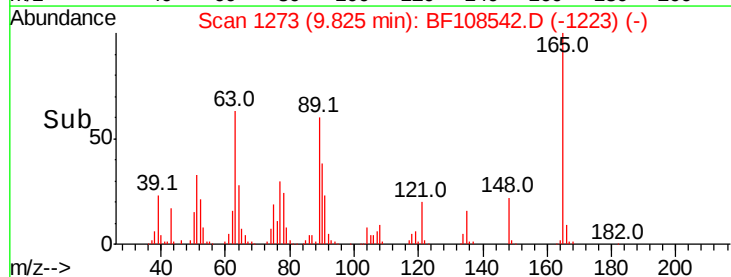
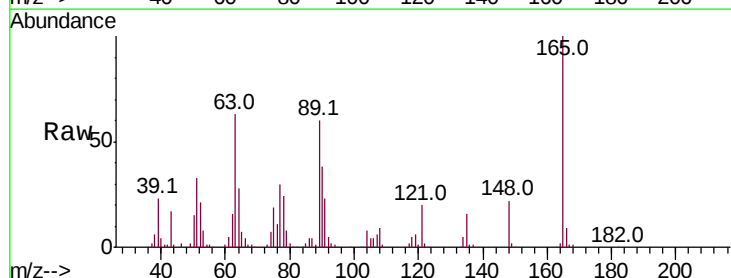
Manual Integrations
APPROVED

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#50
2,6-Dinitrotoluene
Concen: 52.287 ng
RT: 9.82 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	129036		
63	63.3		44.7	67.1
89	60.0		44.0	66.0





#51

Acenaphthene

Concen: 50.150 ng

RT: 10.08 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

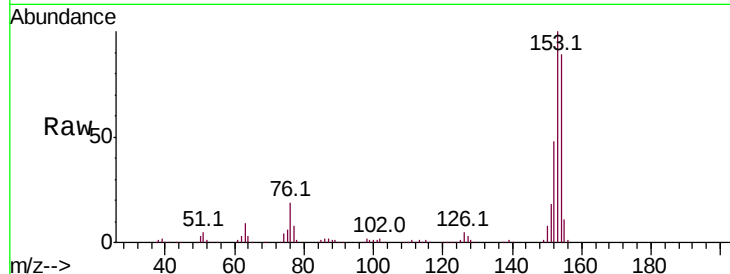
ClientSampleId :

PB112391BS

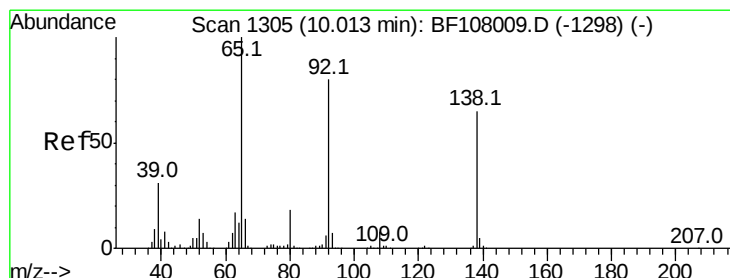
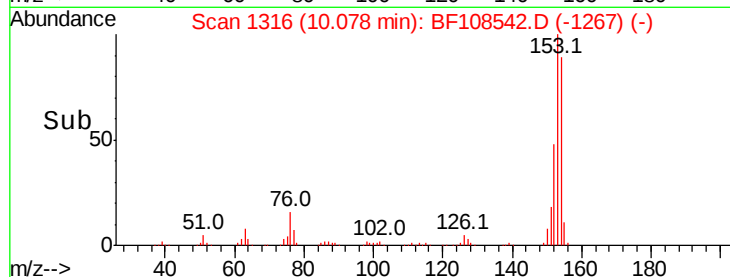
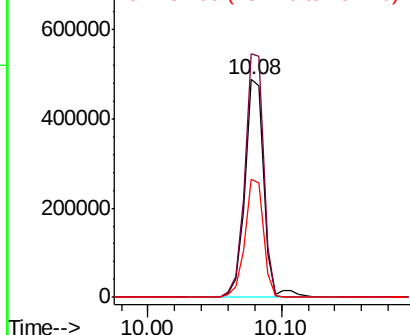
Tot Ion:	154	Resp:	479180
Ion Ratio	Lower	Upper	
154	100		
153	111.9	91.2	136.8
152	54.2	43.8	65.8

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.473 ng

RT: 10.00 min Scan# 1302

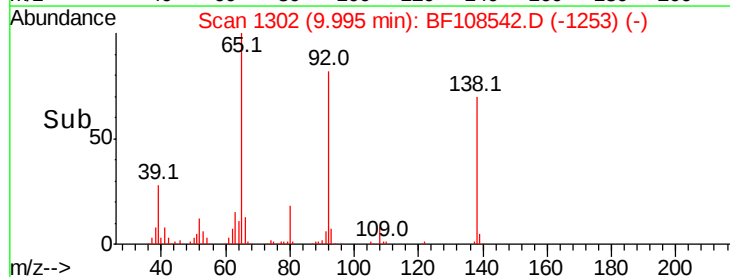
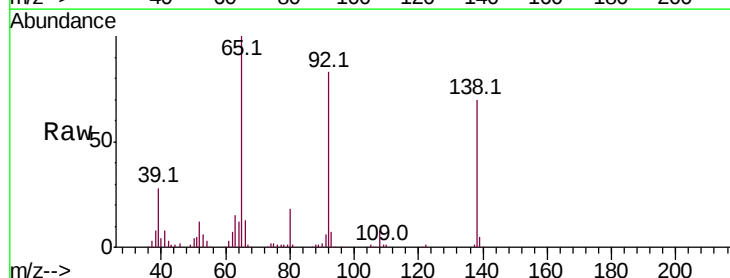
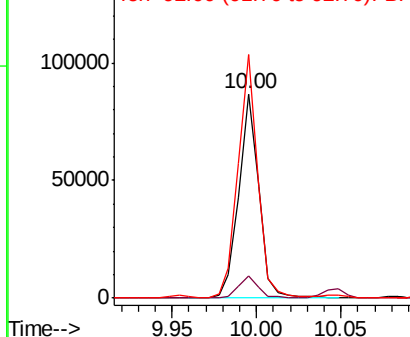
Delta R.T. -0.01 min

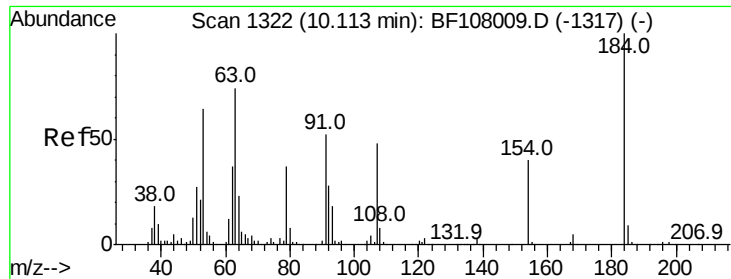
Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Tgt Ion:	138	Resp:	71481
Ion Ratio	Lower	Upper	
138	100		
108	11.1	9.4	14.0
92	119.2	89.4	134.2

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





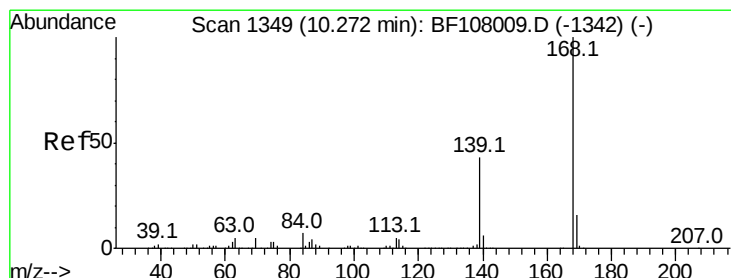
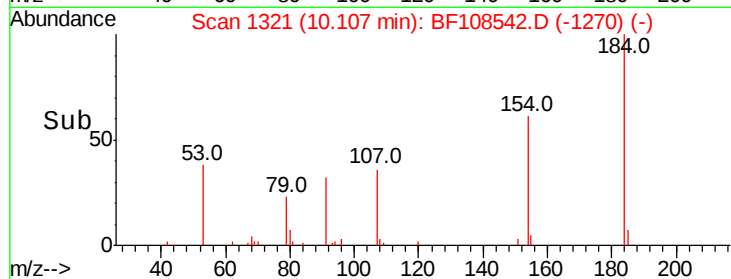
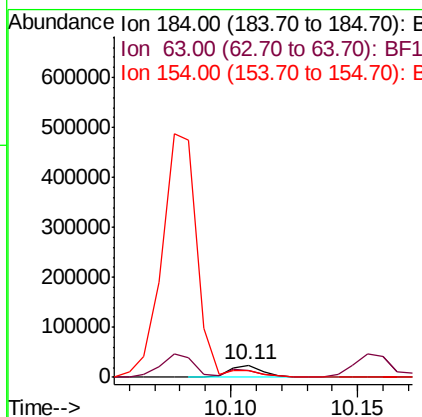
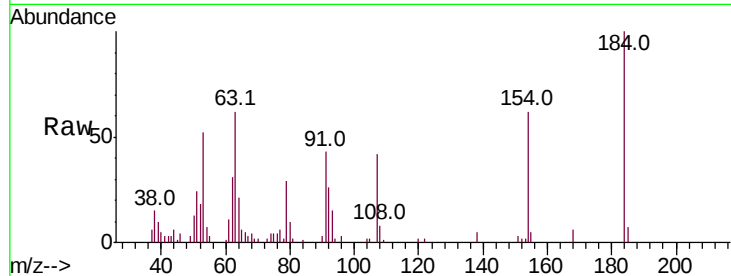
#53
2,4-Dinitrophenol
Concen: 30.014 ng
RT: 10.11 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampleId :
PB112391BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	62.3	54.2	81.2
154	62.2	184.0	276.0#

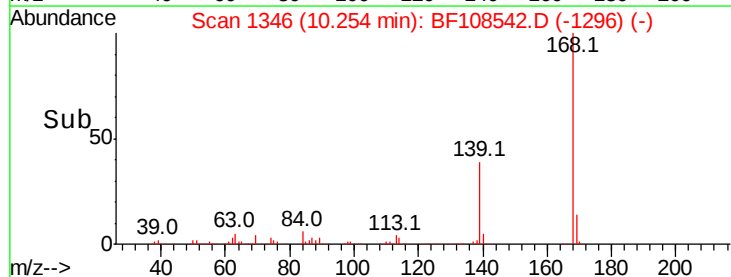
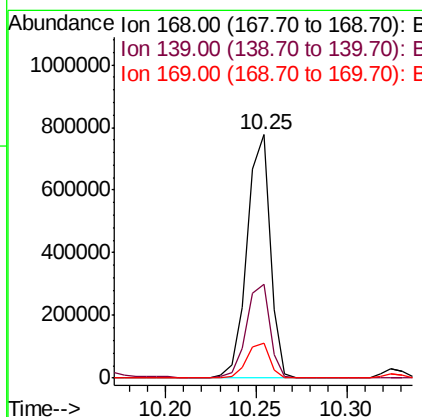
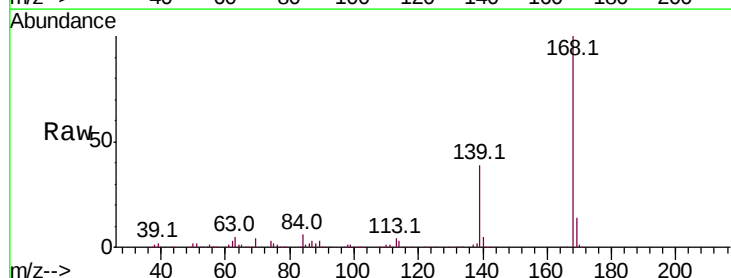
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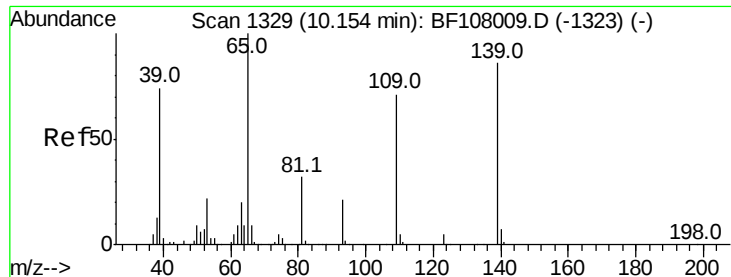
Sohil
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#54
Dibenzofuran
Concen: 49.900 ng
RT: 10.25 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.1	45.1
169	14.3	10.9	16.3





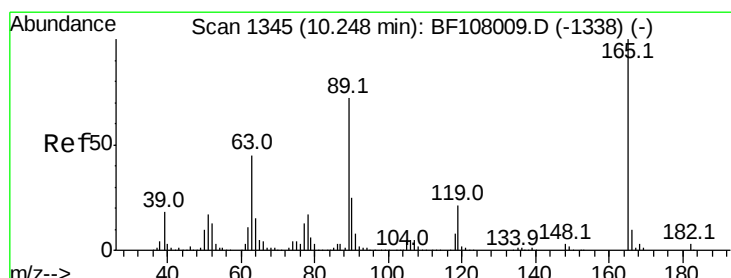
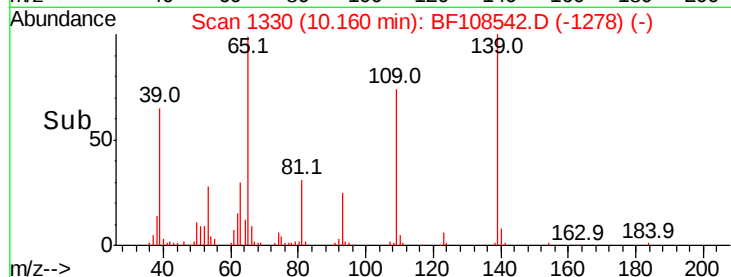
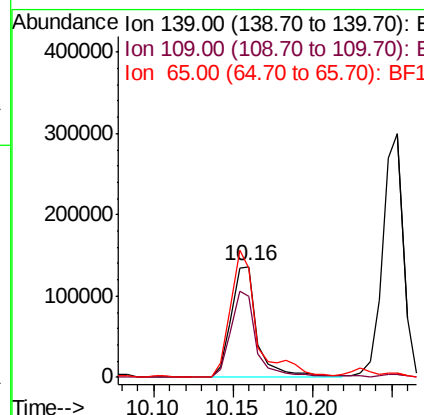
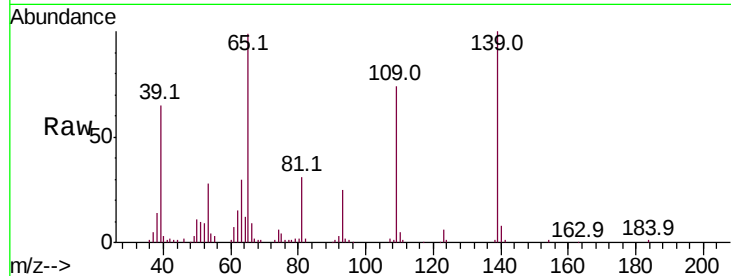
#55
4-Nitrophenol
Concen: 76.828 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampleID :
PB112391BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	157089		
109	73.6	48.4	88.4	
65	98.8	72.6	112.6	

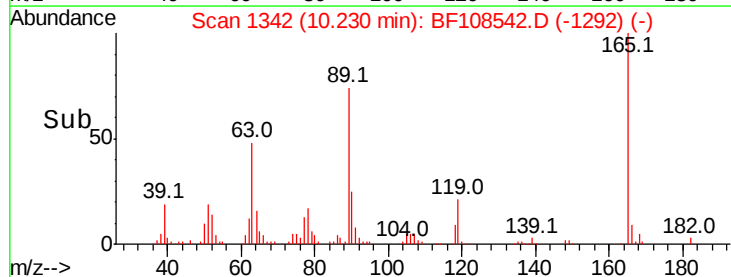
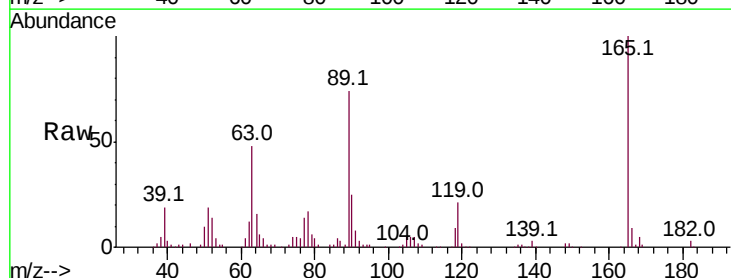
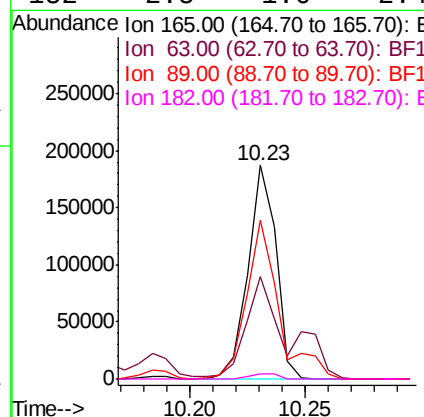
Manual Integrations
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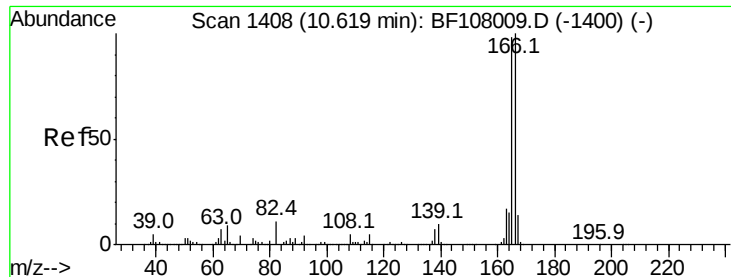
Sohil
8/28/2018 12:16:48 PM



#56
2,4-Dinitrotoluene
Concen: 50.296 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	159768		
63	48.0	36.4	54.6	
89	74.1	57.8	86.6	
182	2.5	1.6	2.4	#





#57

Fluorene

Concen: 48.698 ng

RT: 10.60 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

ClientSampleId :

PB112391BS

Tot Ion:166 Resp: 533649

Ion Ratio Lower Upper

166 100

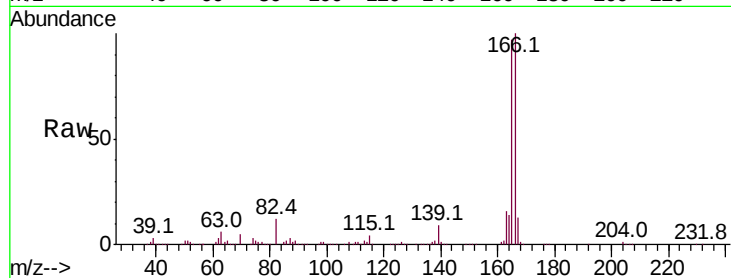
165 97.5 79.8 119.8

167 13.4 10.6 16.0

Manual Integrations
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Sohil

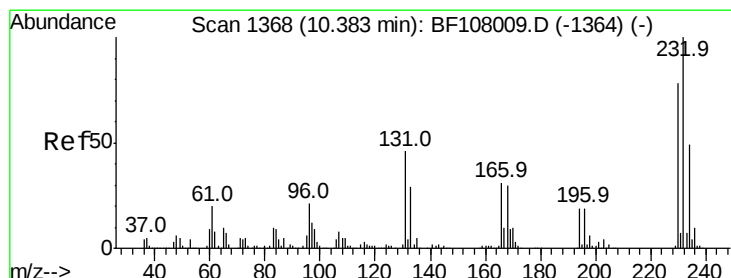
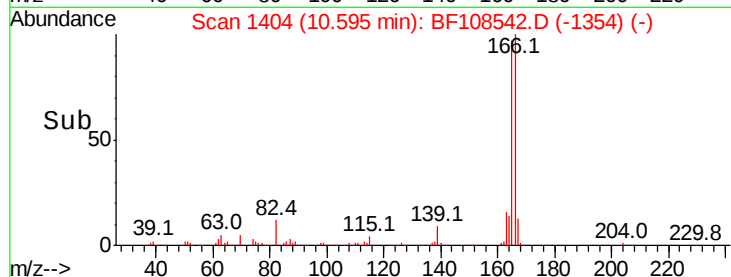
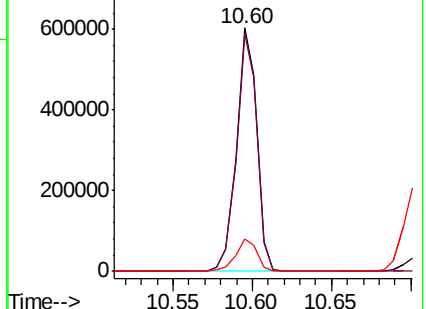
8/28/2018 12:16:48 PM



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: 45.535 ng

RT: 10.37 min Scan# 1366

Delta R.T. -0.00 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Tgt Ion:232 Resp: 135196

Ion Ratio Lower Upper

232 100

131 42.8 43.8 65.8#

130 2.3 2.1 3.1

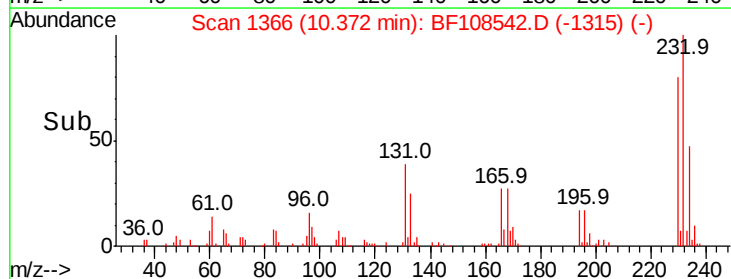
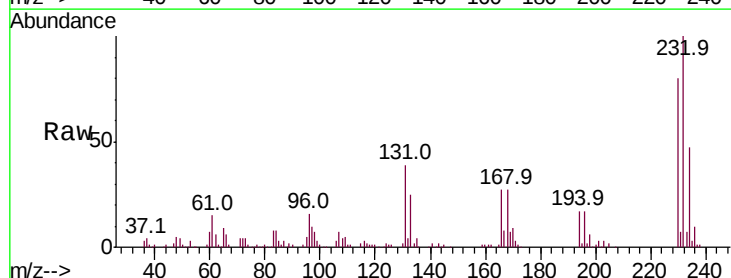
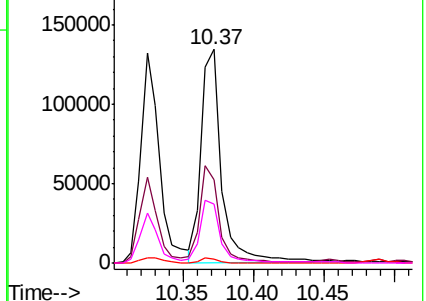
166 29.2 27.8 41.6

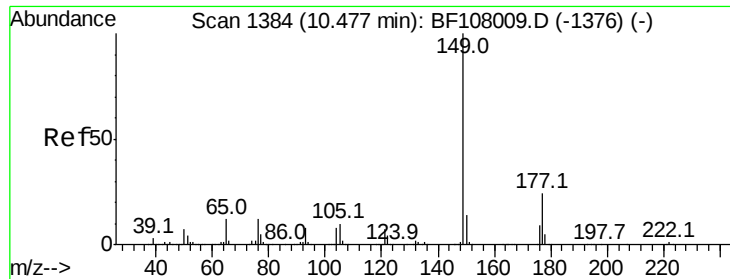
Abundance Ion 232.00 (231.70 to 232.70): E

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





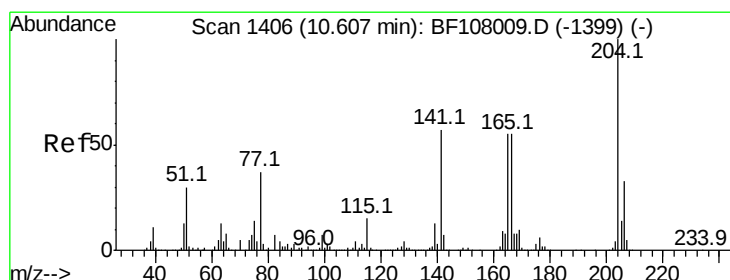
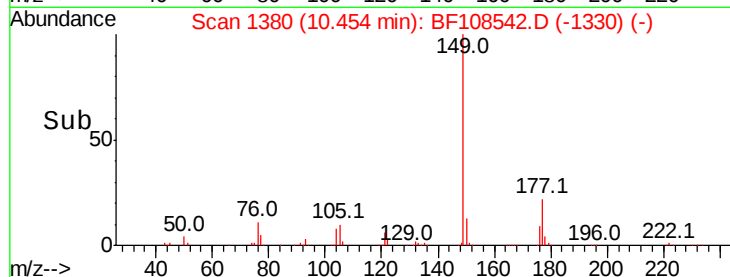
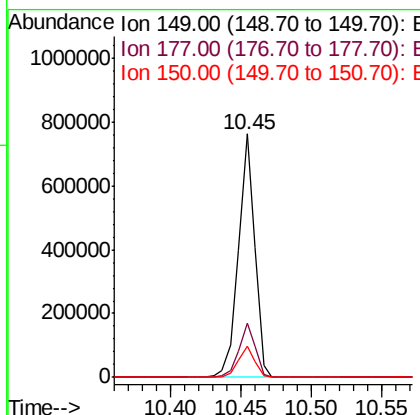
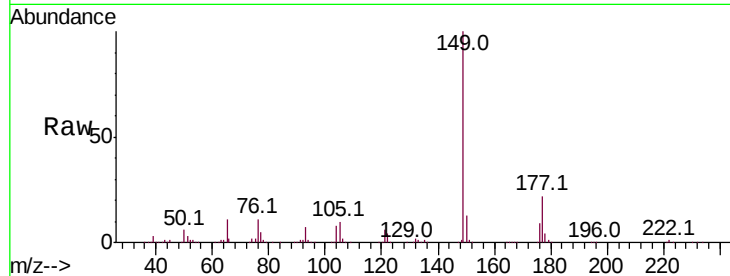
#59
Diethylphthalate
Concen: 53.715 ng
RT: 10.45 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampled :
PB112391BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	613533		
177	22.4	16.1	24.1	
150	12.6	10.1	15.1	

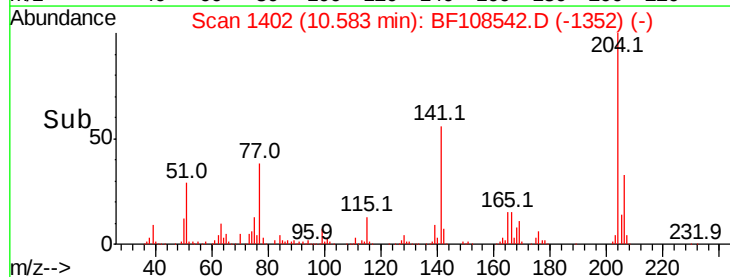
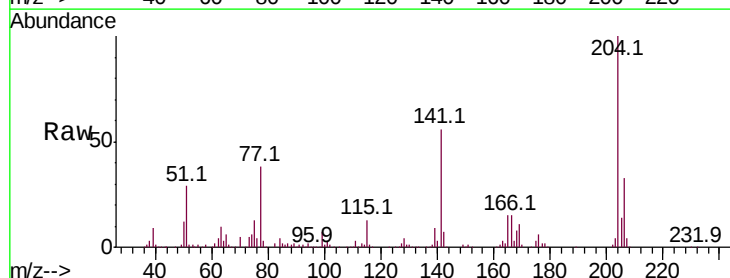
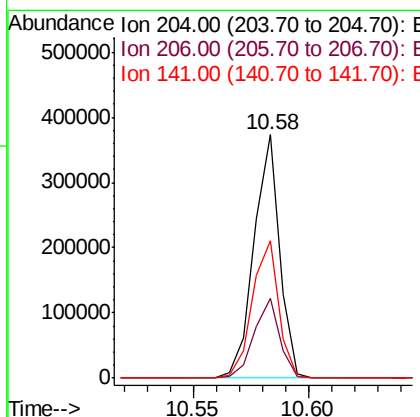
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#60
4-Chlorophenyl-phenylether
Concen: 50.888 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	290575		
206	32.5	26.5	39.7	
141	56.3	54.6	81.8	





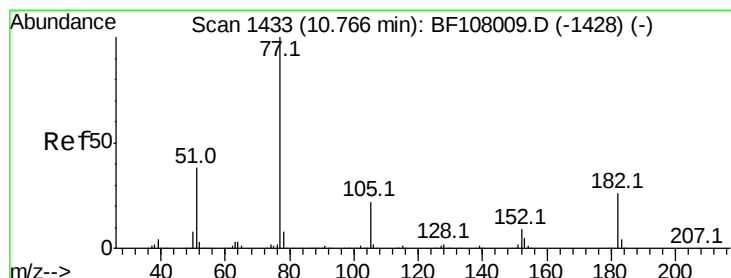
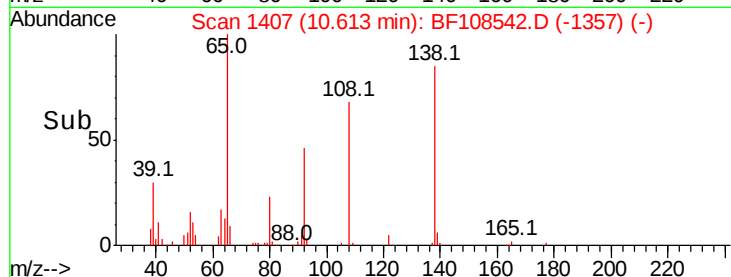
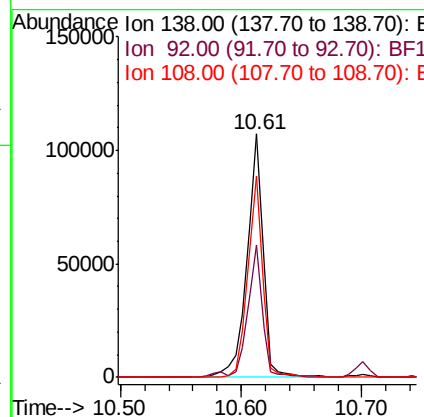
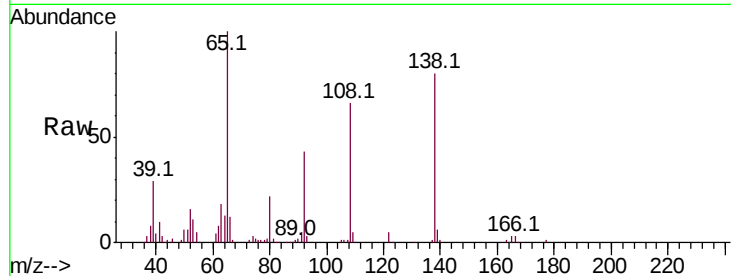
#61
4-Nitroaniline
Concen: 37.931 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampleId :
PB112391BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	101258		
92	54.3	30.2	70.2	
108	82.7	52.5	92.5	

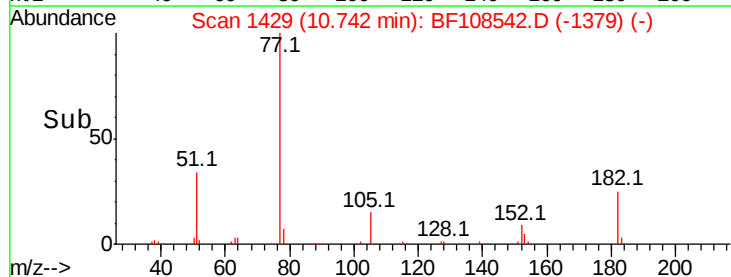
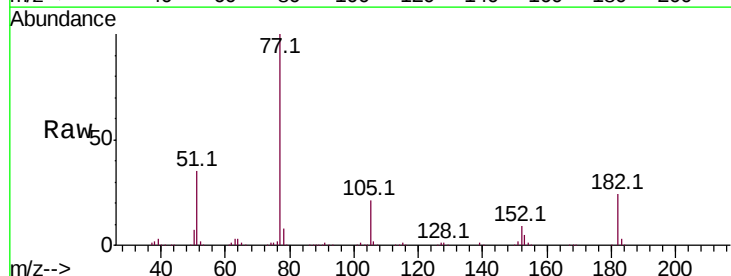
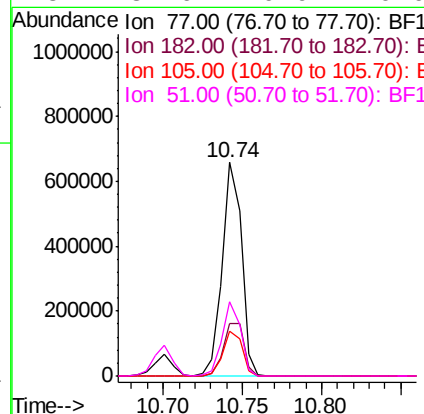
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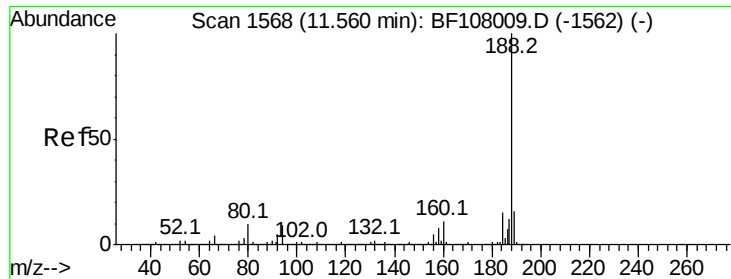
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#62
Azobenzene
Concen: 47.204 ng
RT: 10.74 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	556808		
182	24.5	1.7	41.7	
105	20.7	3.0	43.0	
51	34.6	9.9	49.9	





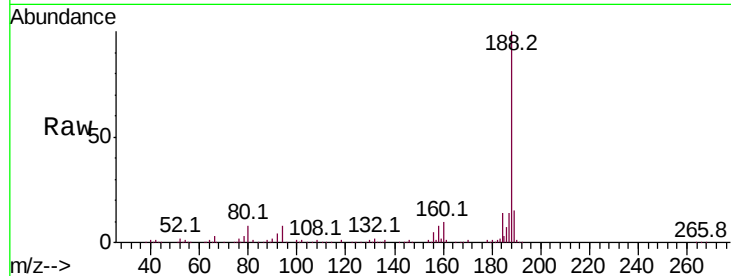
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampleId :
PB112391BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.5	8.5	12.7#
80	8.4	9.2	13.8#

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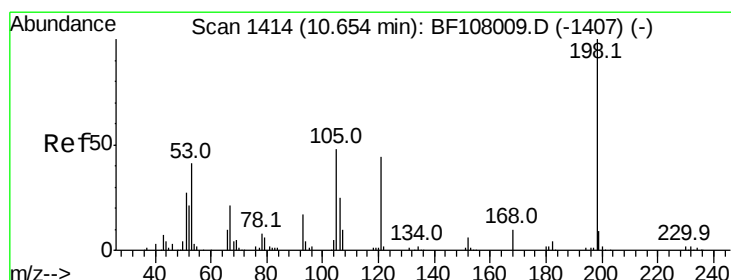
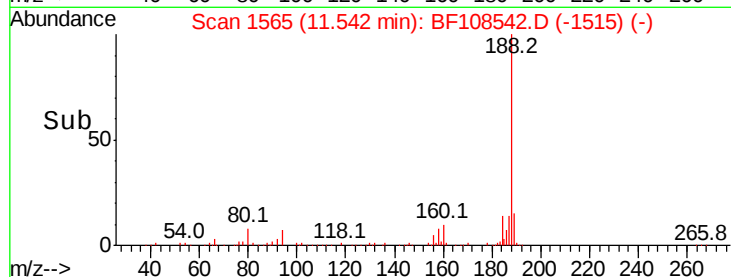
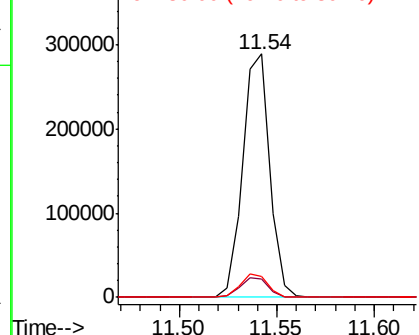


Abundance

Ion 188.00 (187.70 to 188.70): E

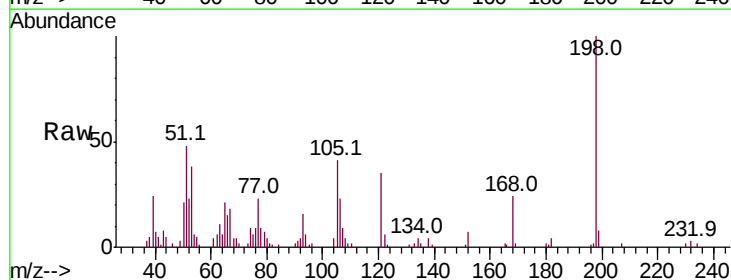
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64
4,6-Dinitro-2-methylphenol
Concen: 23.268 ng
RT: 10.64 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	47.9	37.7	77.7
105	41.3	36.3	76.3

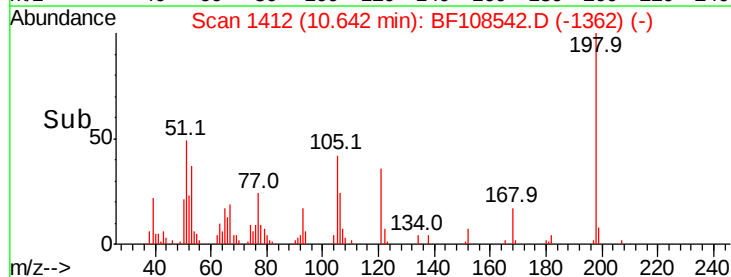
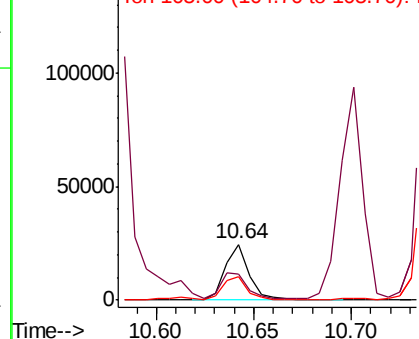


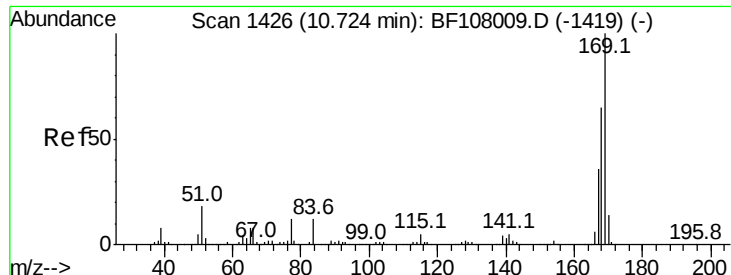
Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 59.238 ng

RT: 10.70 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

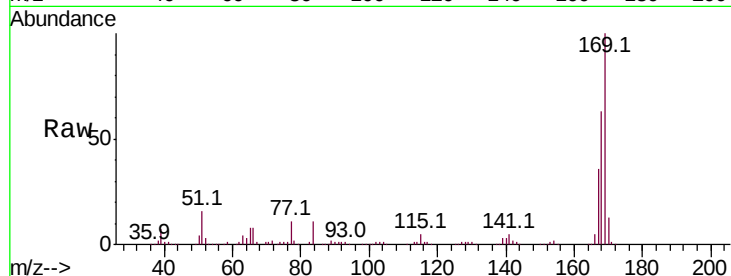
ClientSampleId :

PB112391BS

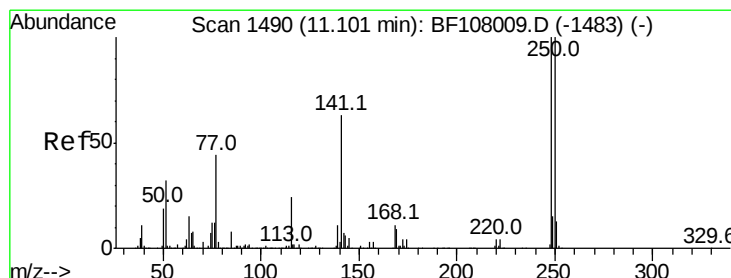
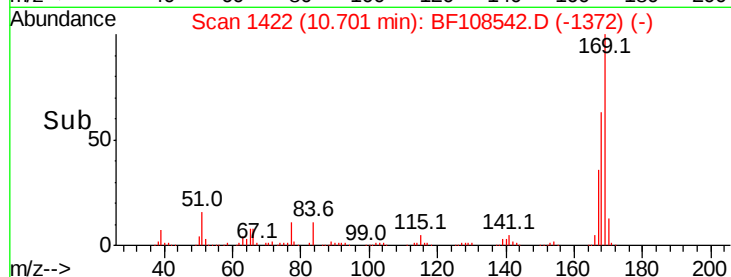
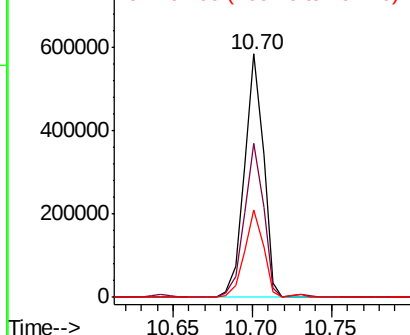
Tot Ion:	169	Resp:	484815
Ion Ratio	Lower	Upper	
169	100		
168	63.4	54.4	81.6
167	35.7	29.8	44.6

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 57.531 ng

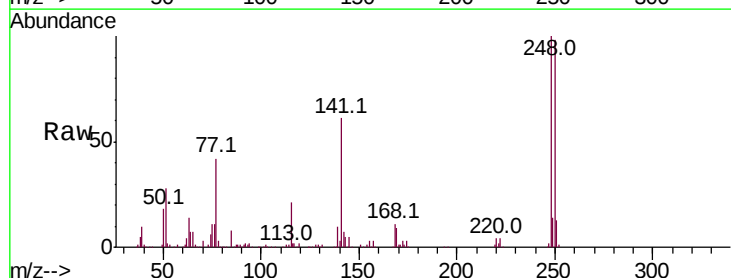
RT: 11.08 min Scan# 1486

Delta R.T. -0.01 min

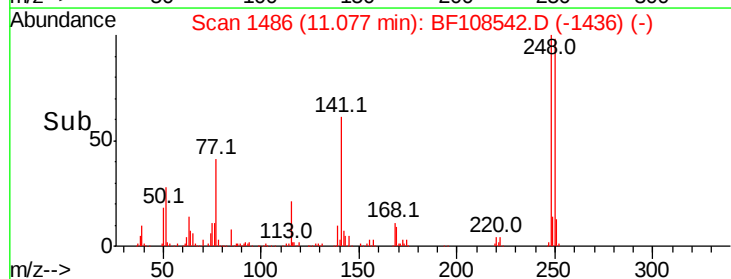
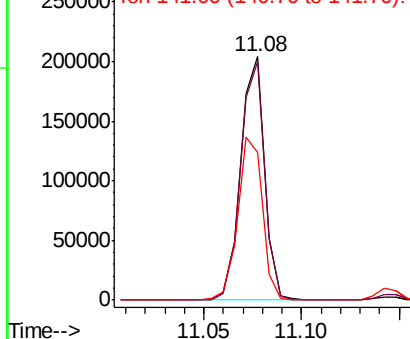
Lab File: BF108542.D

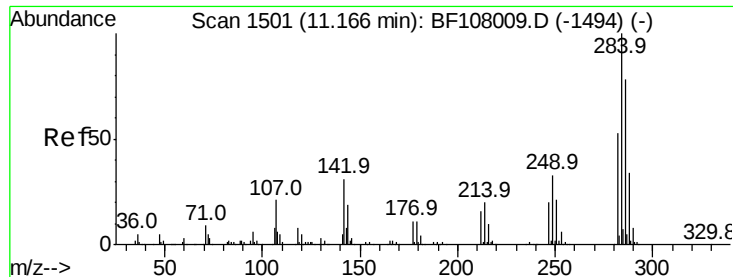
Acq: 28 Aug 2018 6:25

Tgt Ion:	248	Resp:	173153
Ion Ratio	Lower	Upper	
248	100		
250	97.7	76.9	115.3
141	60.8	74.4	111.6#



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





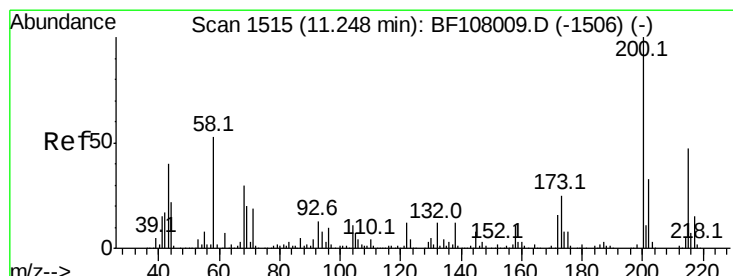
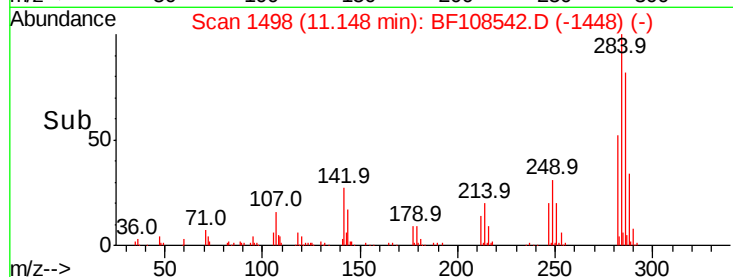
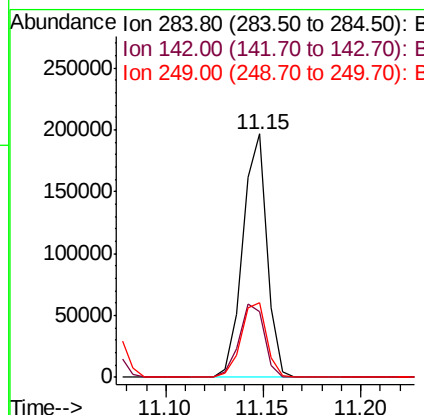
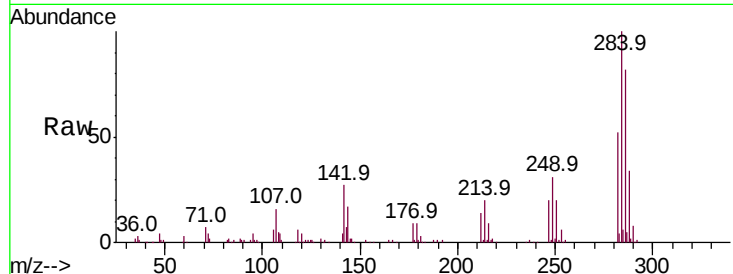
#67
Hexachlorobenzene
Concen: 53.522 ng
RT: 11.15 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampled :
PB112391BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	169491		
142	27.2	34.6	52.0	
249	30.6	24.8	37.2	

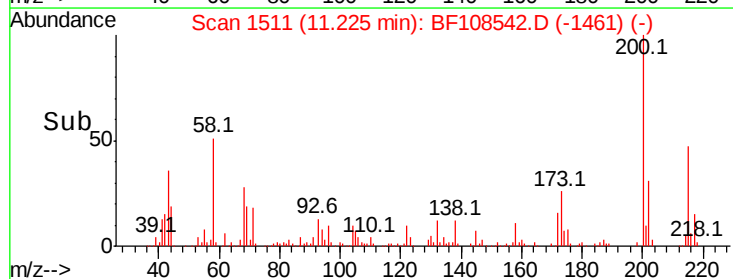
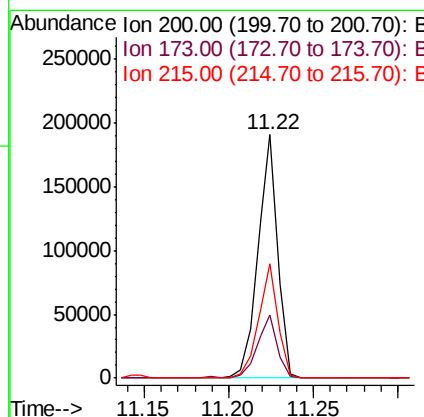
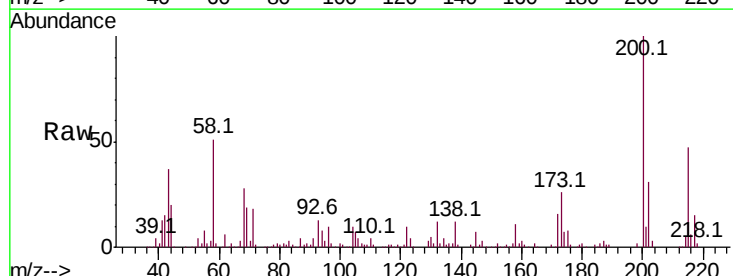
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#68
Atrazine
Concen: 56.723 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	155708		
173	25.8	8.6	48.6	
215	46.9	25.1	65.1	





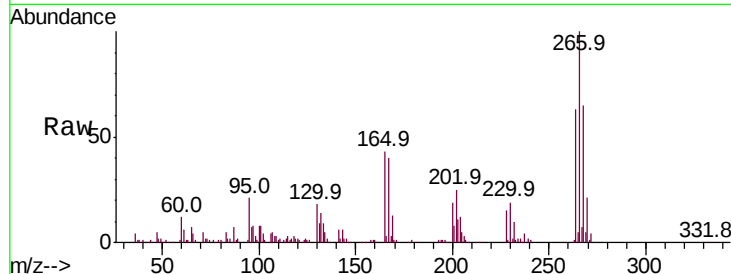
#69
 Pentachlorophenol
 Concen: 99.008 ng
 RT: 11.34 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Instrument :
 BNA_F
 ClientSampleId :
 PB112391BS

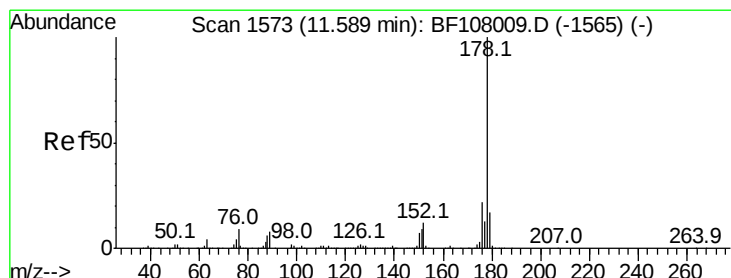
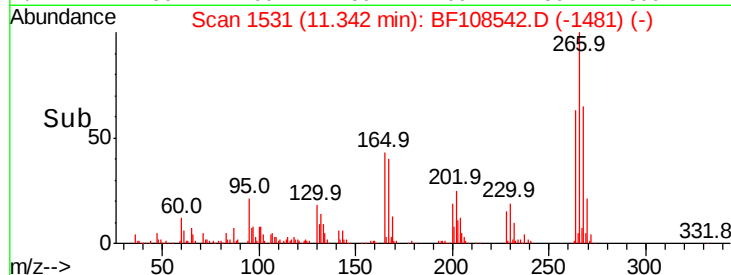
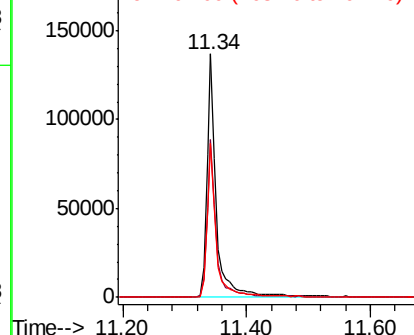
Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.8	51.1	76.7	
264	63.5	49.5	74.3	

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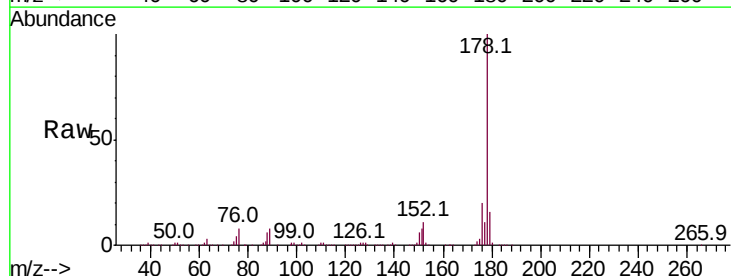


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

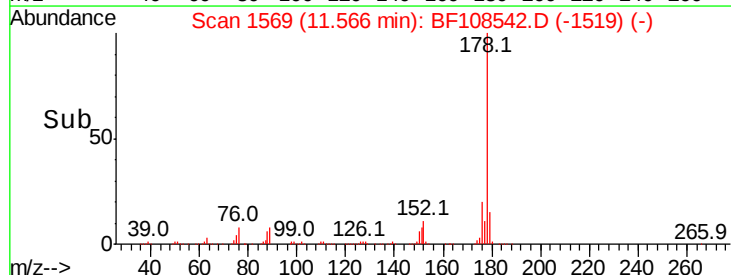
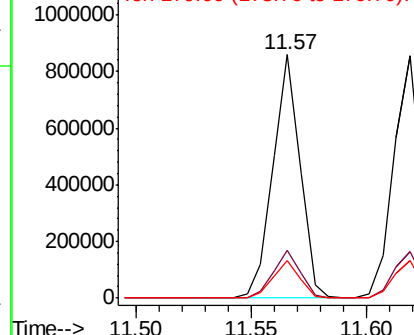


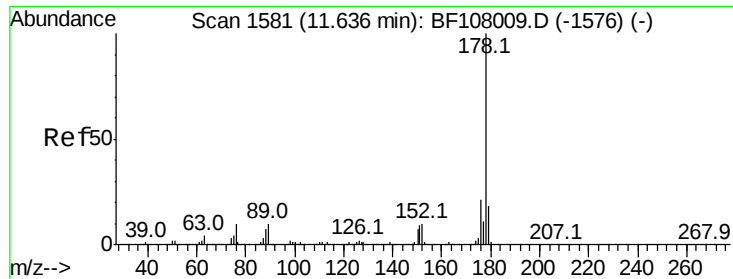
#70
 Phenanthrene
 Concen: 53.929 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.8	15.8	23.8	
179	15.6	13.0	19.6	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





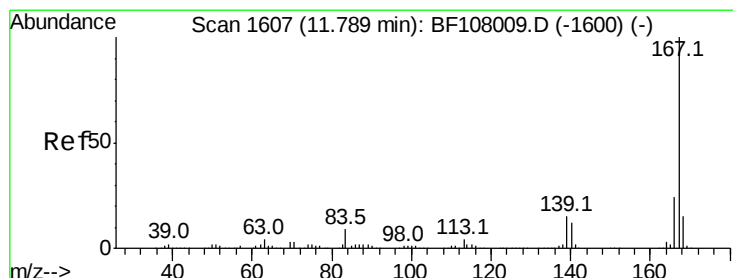
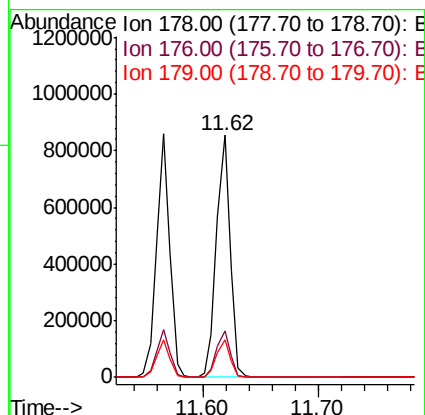
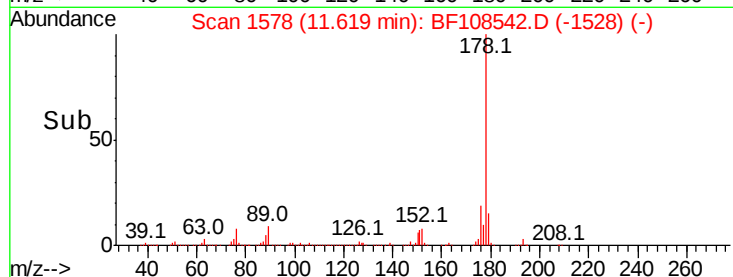
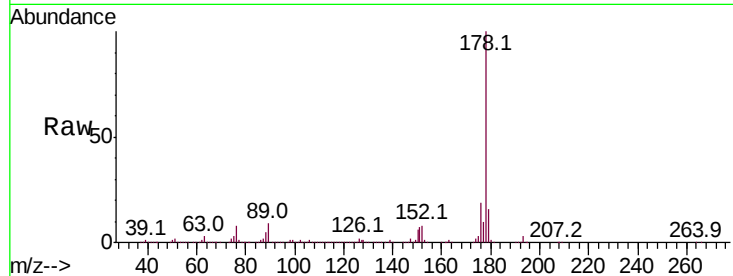
#71
 Anthracene
 Concen: 53.081 ng
 RT: 11.62 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Instrument :
 BNA_F
 ClientSampleId :
 PB112391BS

Tot Ion:178	Resp:	710682
Ion Ratio	Lower	Upper
178 100		
176 19.3	15.4	23.2
179 15.6	12.6	19.0

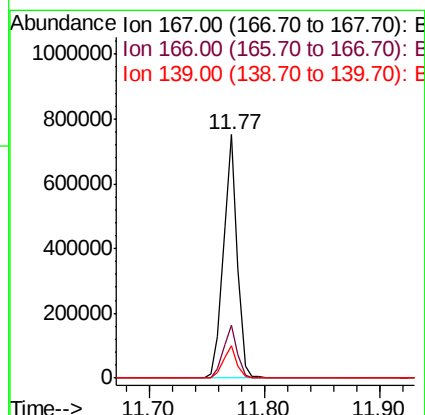
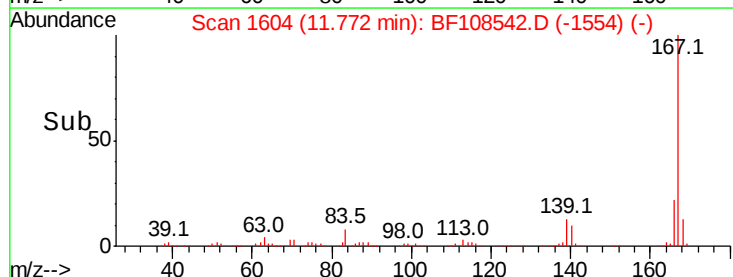
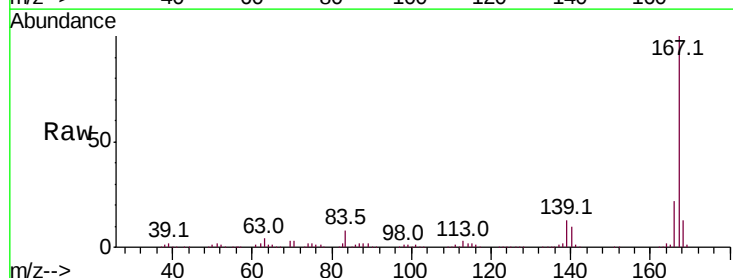
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#72
 Carbazole
 Concen: 52.137 ng
 RT: 11.77 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Tgt Ion:167	Resp:	620189
Ion Ratio	Lower	Upper
167 100		
166 21.9	17.6	26.4
139 13.1	10.9	16.3





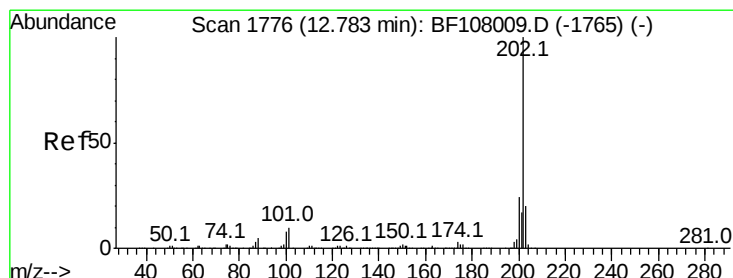
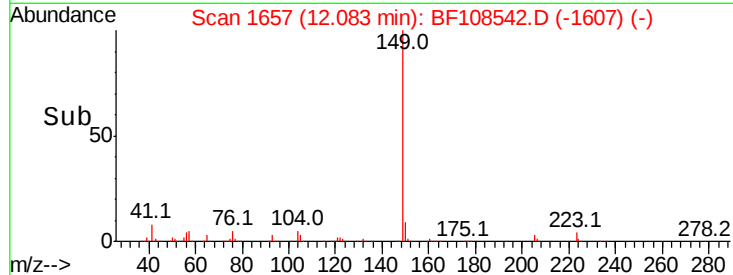
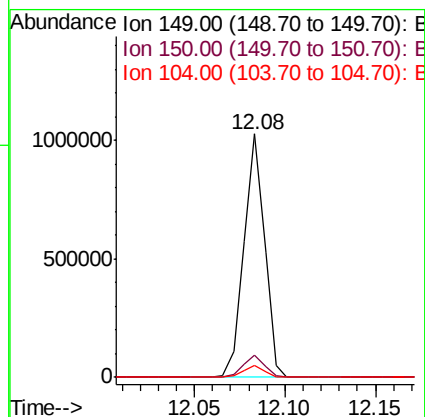
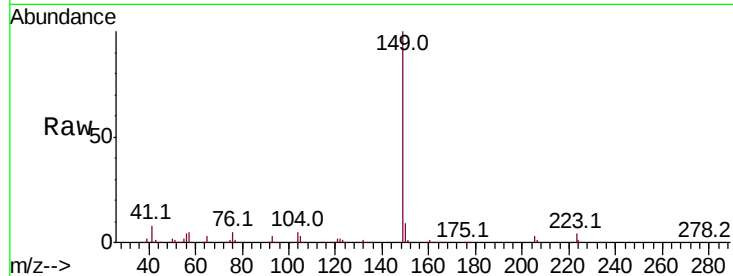
#73
Di-n-butylphthalate
Concen: 60.439 ng
RT: 12.08 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampleId :
PB112391BS

Tot Ion:	149	Resp:	814343
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	5.1	3.8	5.8

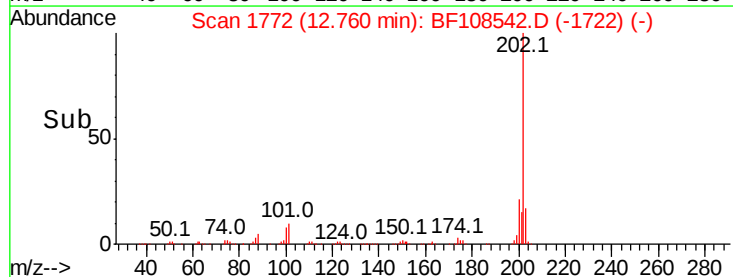
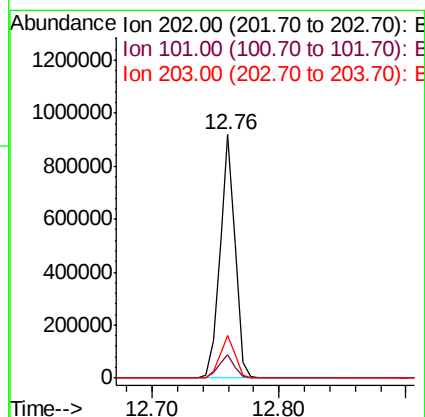
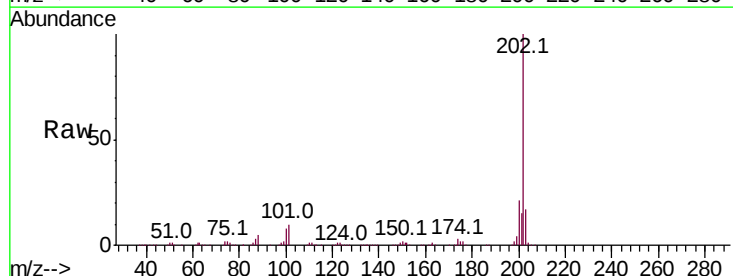
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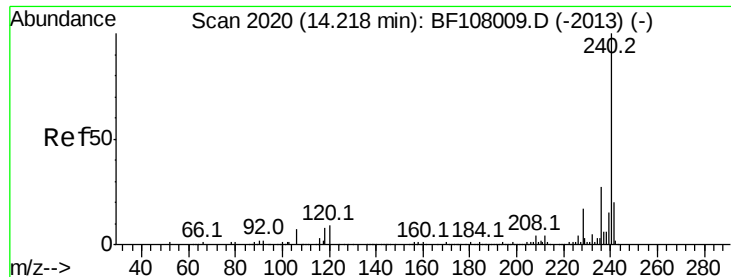
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#74
Fluoranthene
Concen: 54.148 ng
RT: 12.76 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion:	202	Resp:	771972
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	34.1
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

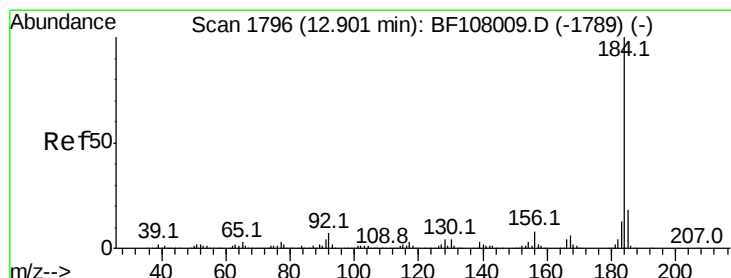
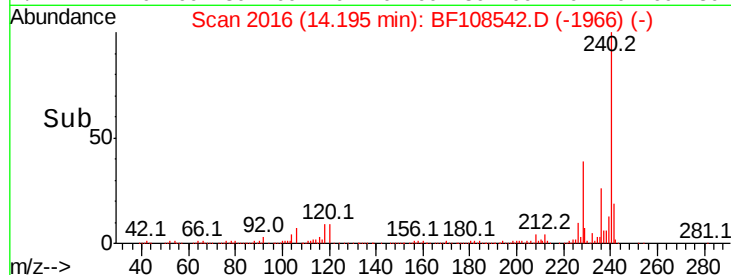
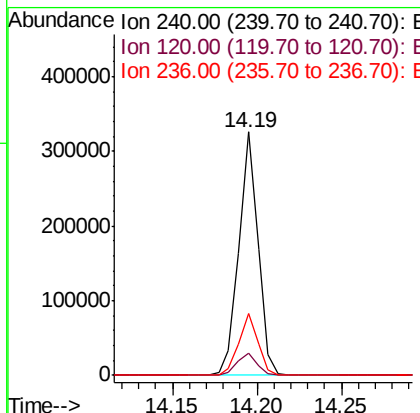
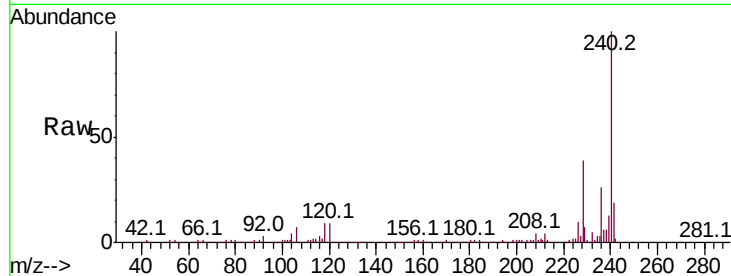
ClientSampleId :

PB112391BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	25.6	20.7	31.1

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#76

Benzidine

Concen: 43.052 ng

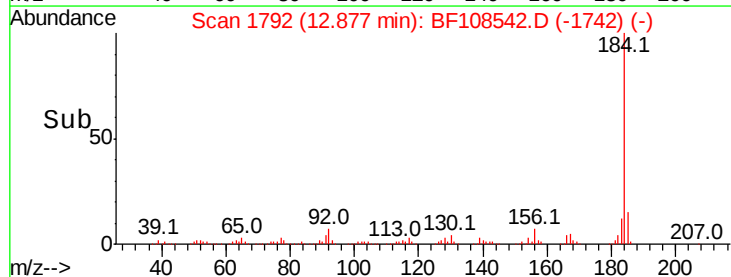
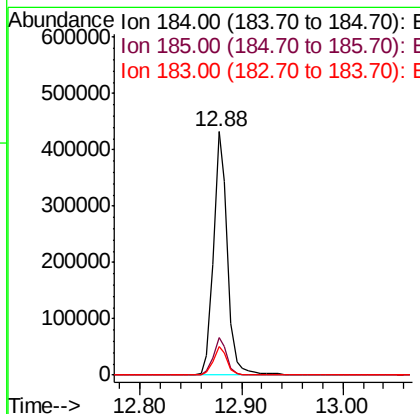
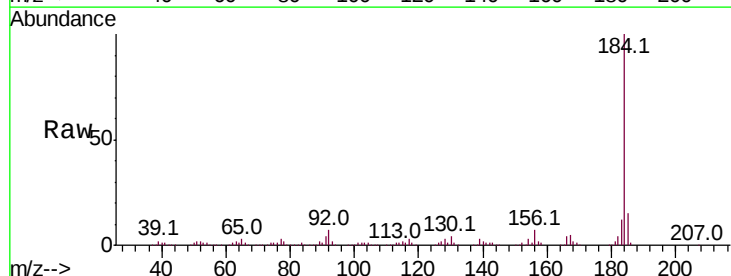
RT: 12.88 min Scan# 1792

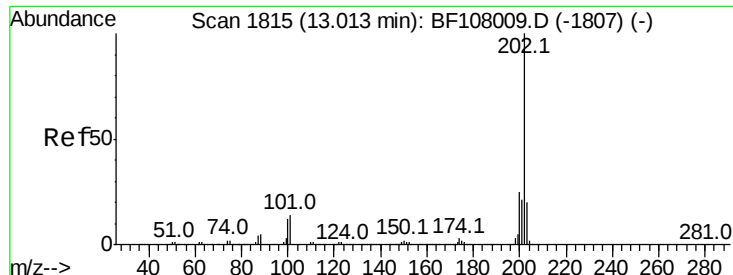
Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.6	18.8
183	11.9	9.3	13.9





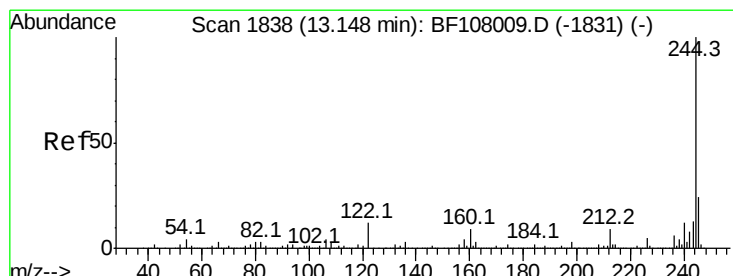
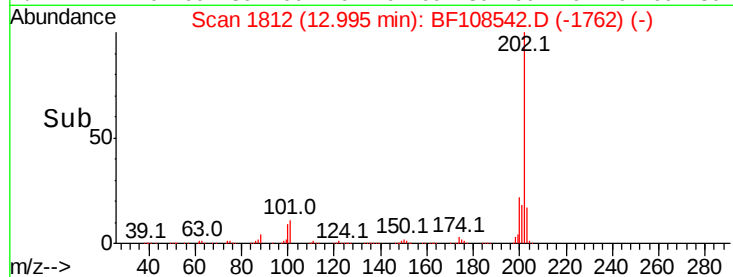
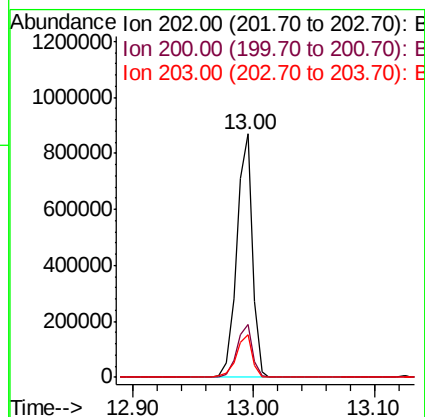
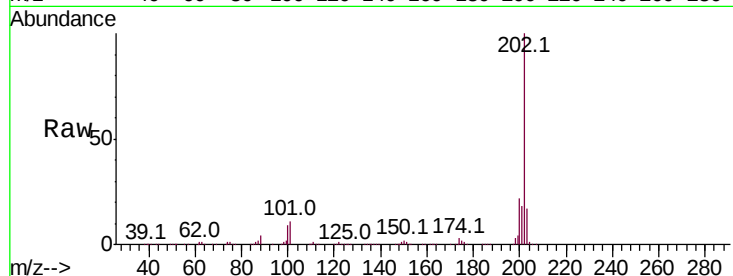
#77
Pvrene
Concen: 48.146 ng
RT: 13.00 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampleId :
PB112391BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.7	17.4	26.2	
203	17.4	14.3	21.5	

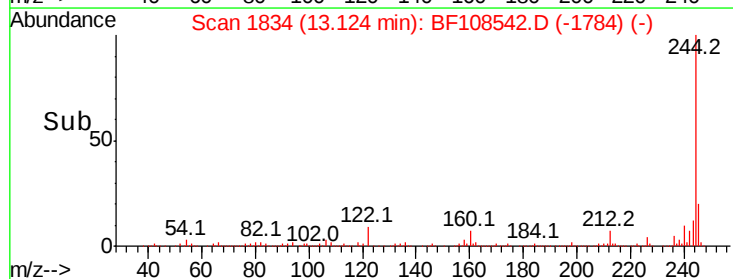
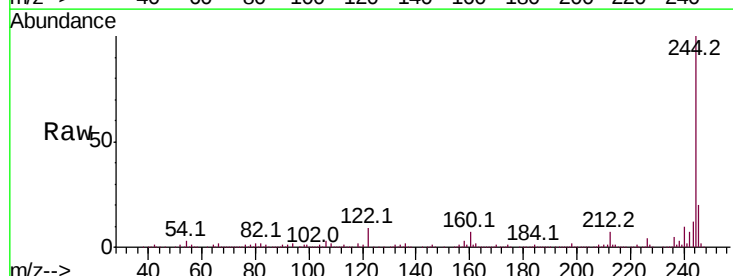
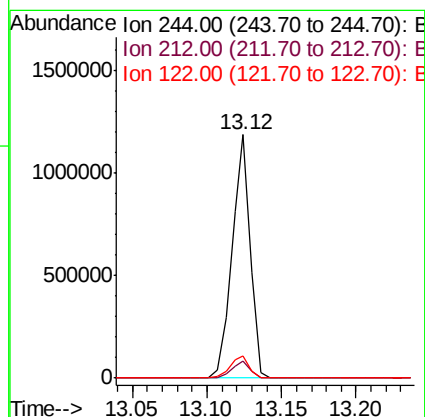
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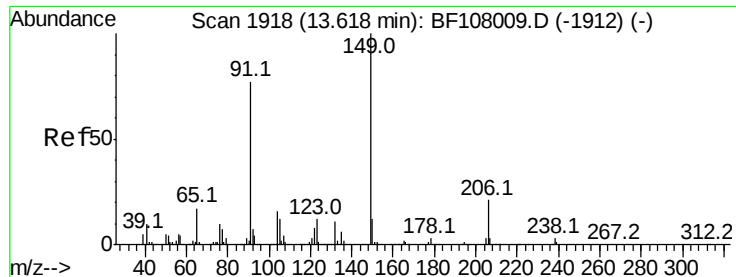
Sohil
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#78
Terphenyl-d14
Concen: 100.867 ng
RT: 13.12 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.3	5.4	8.0	
122	9.4	11.0	16.4	





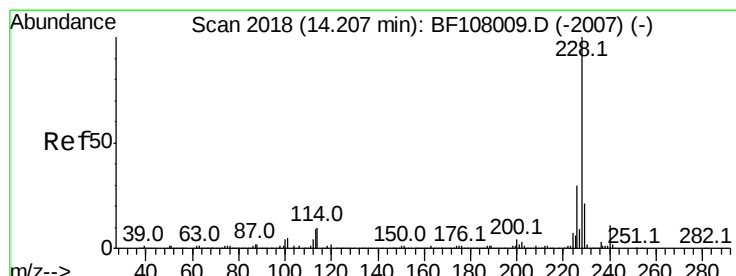
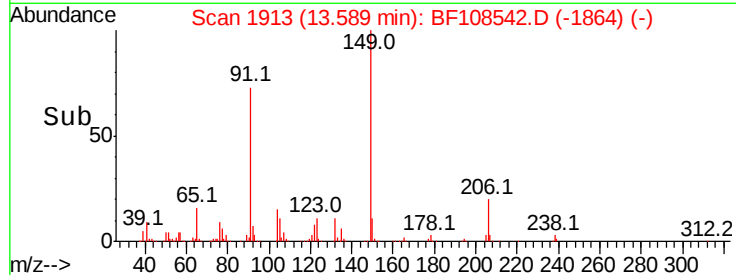
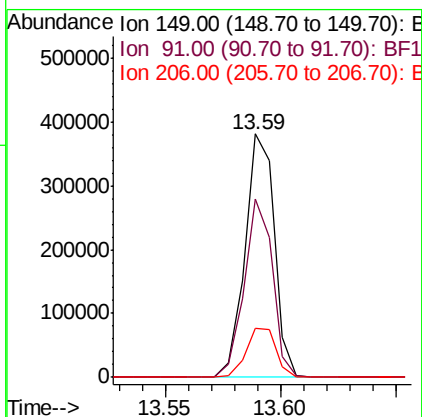
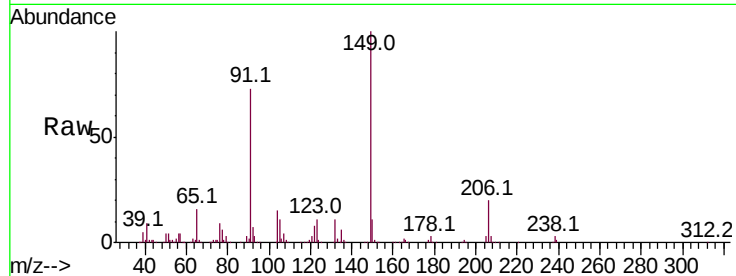
#79
Butylbenzylphthalate
Concen: 52.533 ng
RT: 13.59 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampleId :
PB112391BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	73.5	56.8	85.2	
206	20.1	14.1	21.1	

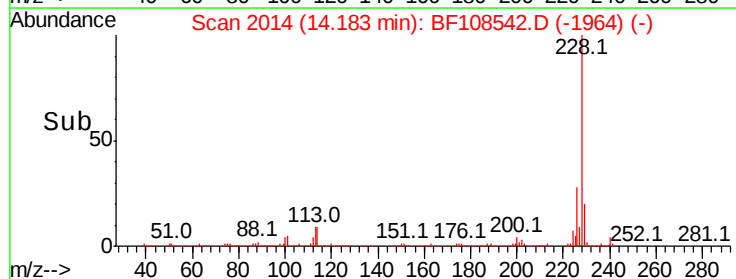
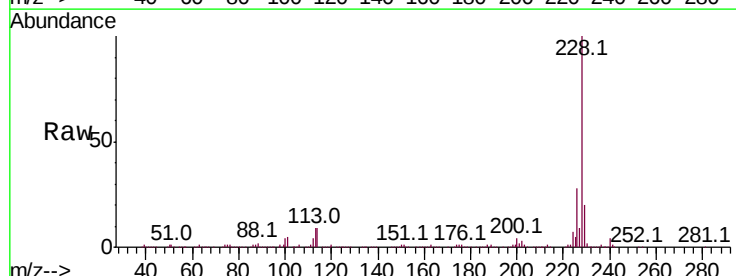
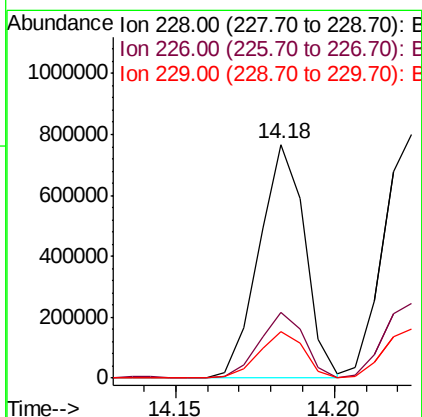
Manual Integrations
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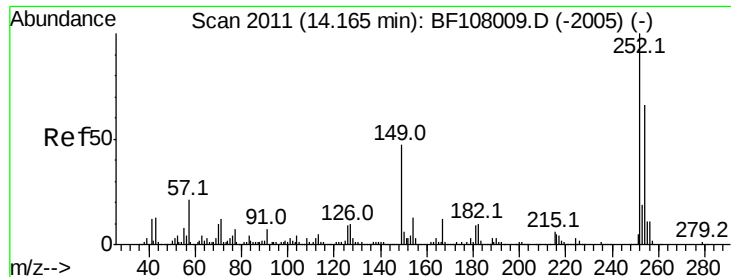
Sohil
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#80
Benzo(a)anthracene
Concen: 51.910 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.0	22.6	33.8	
229	19.9	15.8	23.6	





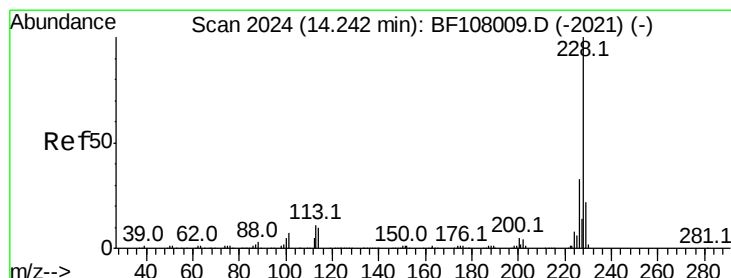
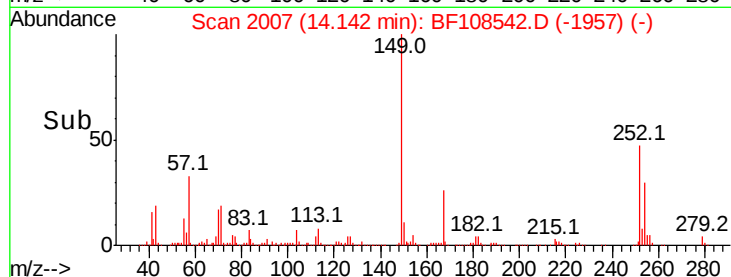
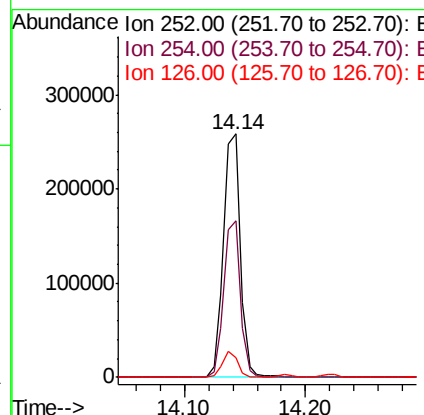
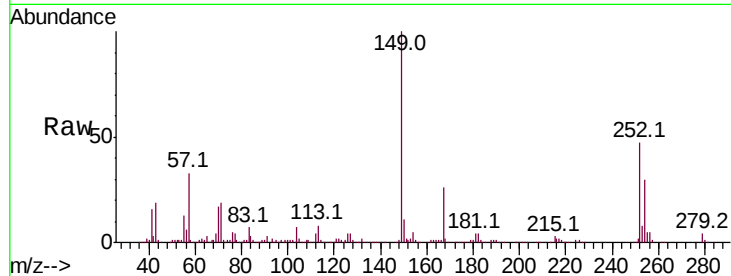
#81
 3,3'-Dichlorobenzidine
 Concen: 47.150 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Instrument :
 BNA_F
 ClientSampleId :
 PB112391BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.5	50.4	75.6
126	8.1	11.3	16.9

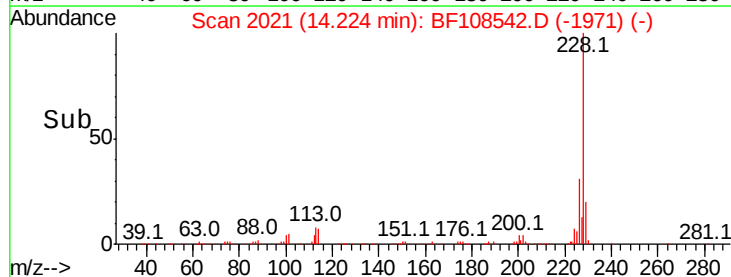
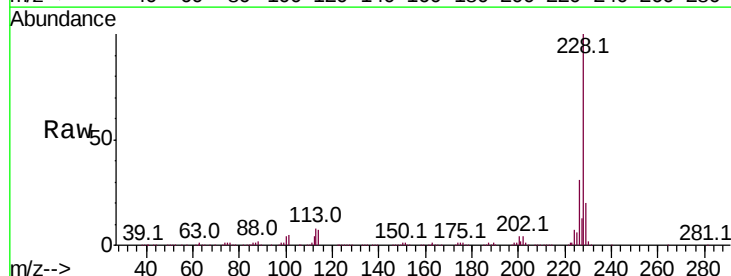
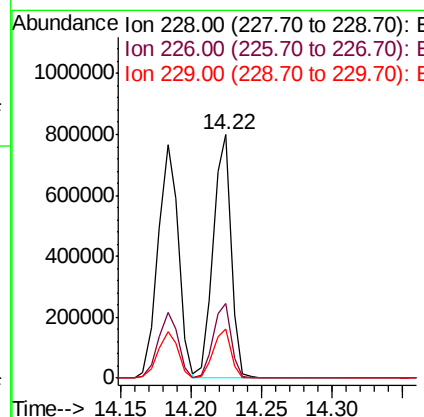
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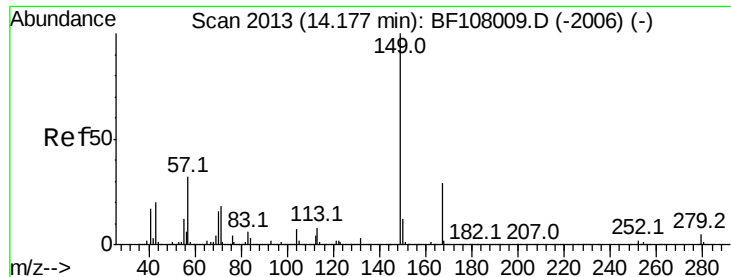
Sohil
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#82
 Chrysene
 Concen: 52.142 ng
 RT: 14.22 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.2	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.337 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF108542.D

Acq: 28 Aug 2018 6:25

Instrument :

BNA_F

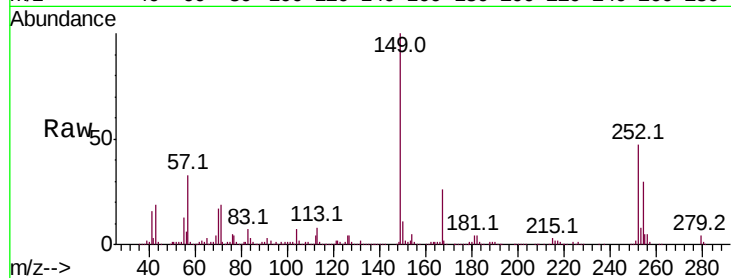
ClientSampleId :

PB112391BS

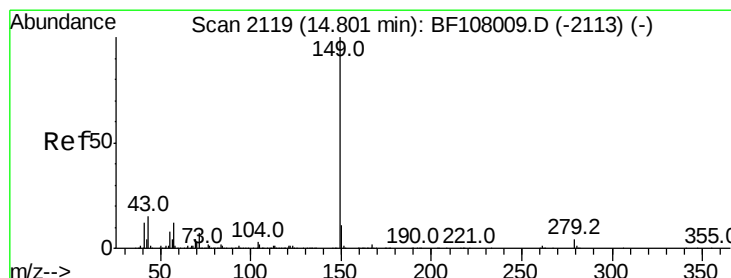
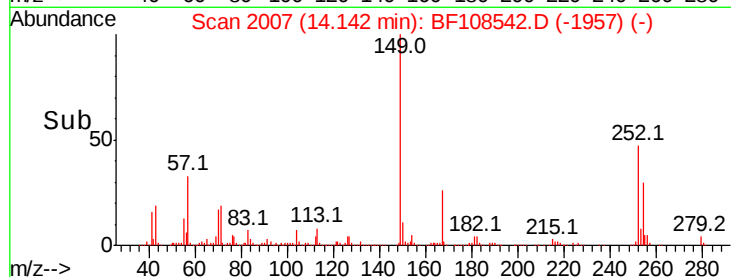
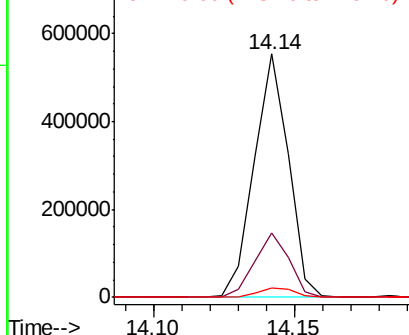
Tot Ion:	149	Resp:	467378
Ion Ratio	Lower	Upper	
149	100		
167	26.3	21.3	31.9
279	4.1	3.0	4.4

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 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 62.224 ng

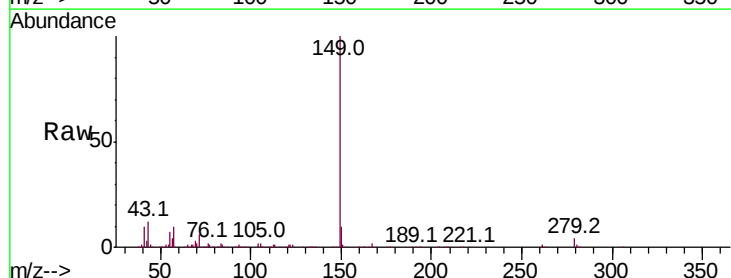
RT: 14.77 min Scan# 2113

Delta R.T. -0.01 min

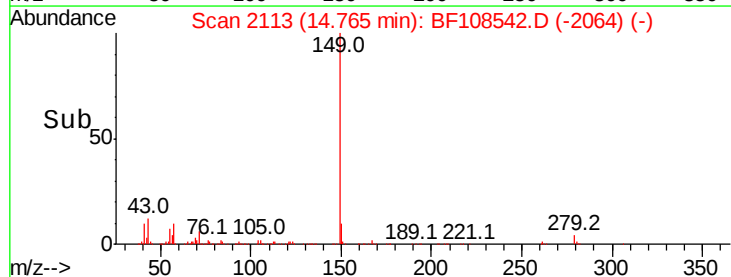
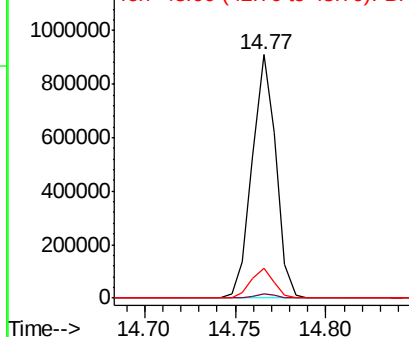
Lab File: BF108542.D

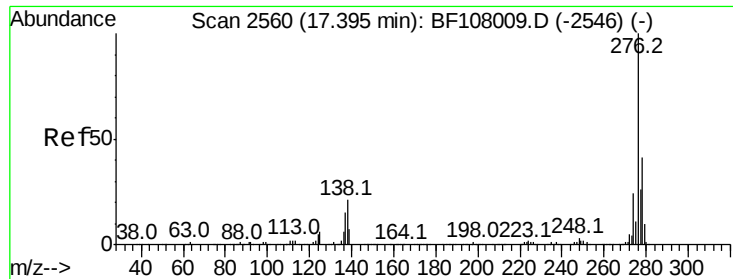
Acq: 28 Aug 2018 6:25

Tgt Ion:	149	Resp:	831557
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	11.9	8.4	12.6



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





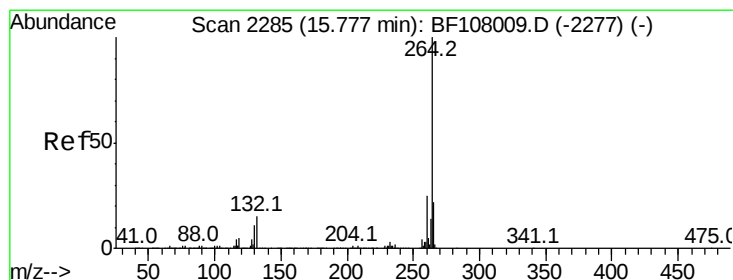
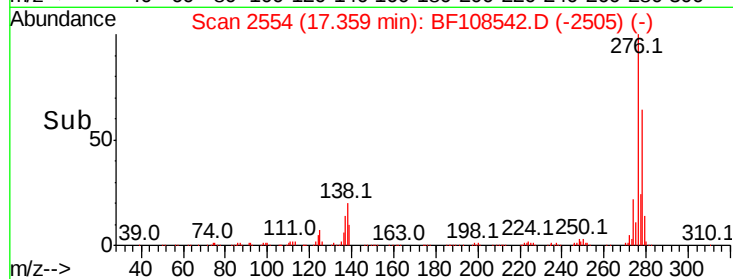
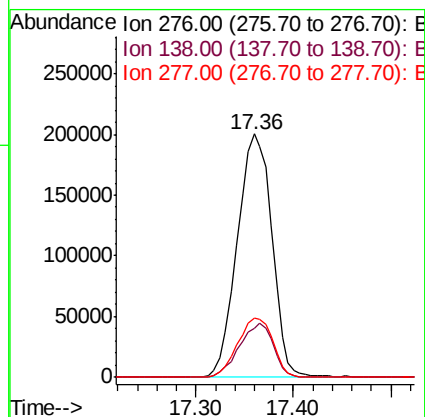
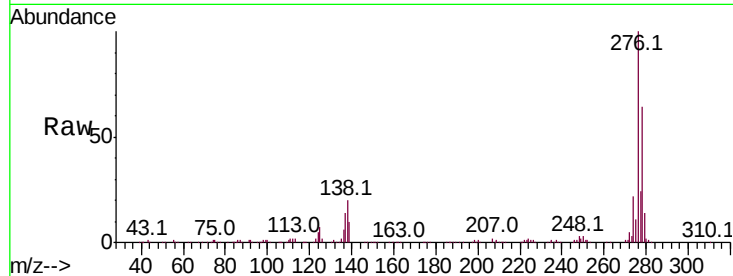
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.168 ng
 RT: 17.36 min Scan# 2554
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Instrument :
 BNA_F
 ClientSampleID :
 PB112391BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	25.0	37.6#
277	24.9	20.1	30.1

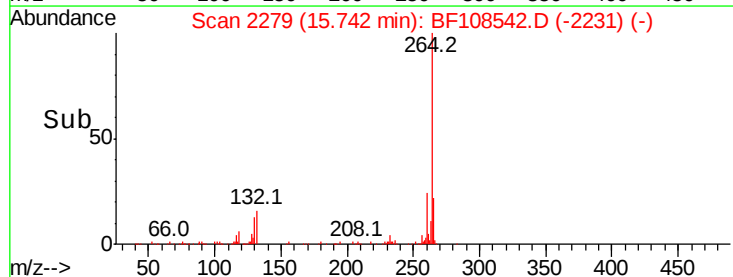
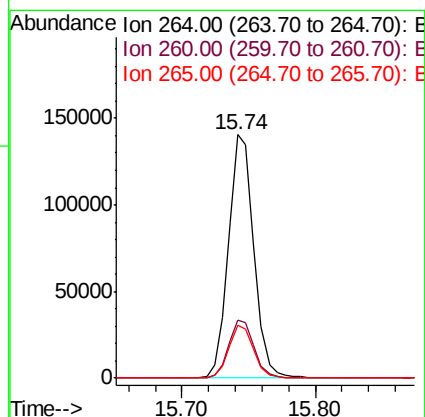
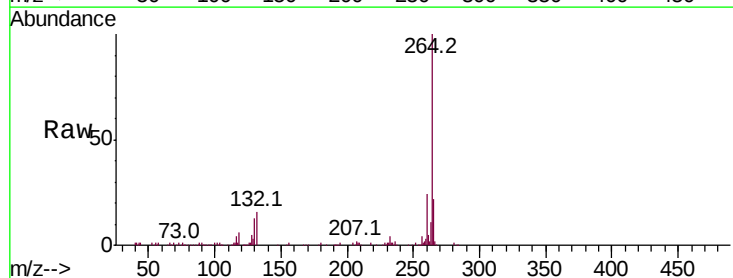
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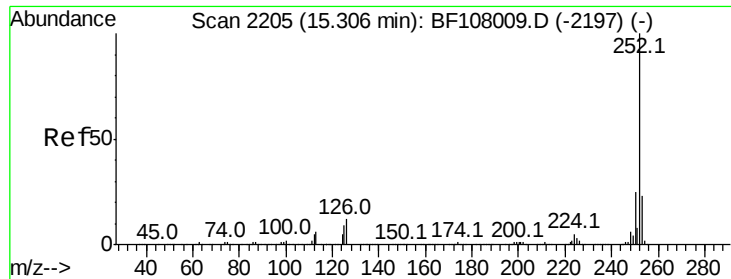
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3





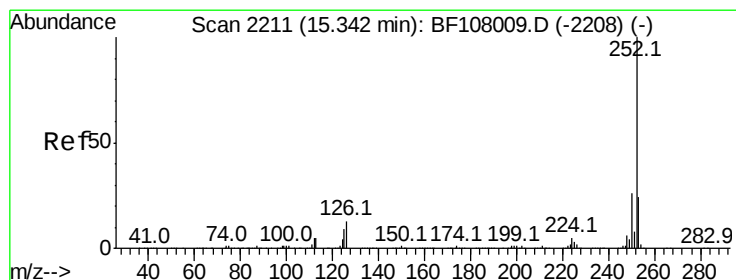
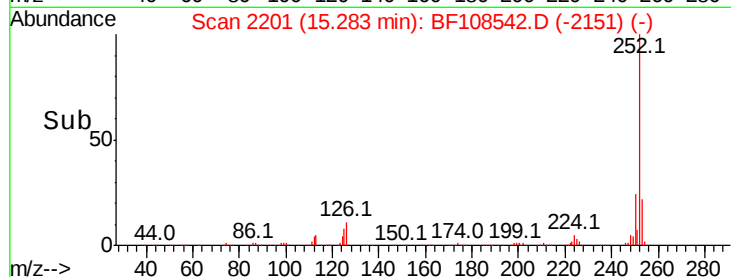
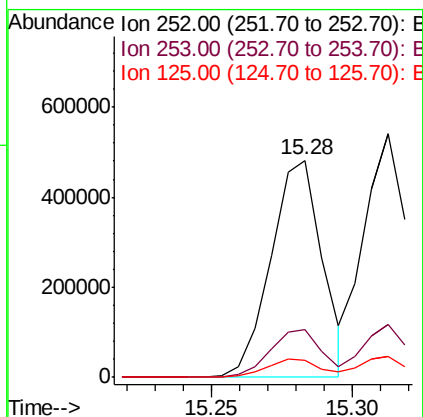
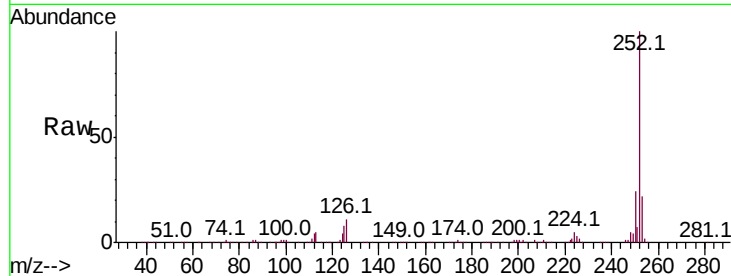
#87
Benzo(b)fluoranthene
Concen: 54.325 ng
RT: 15.28 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampleId :
PB112391BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	8.0	9.0	13.6#

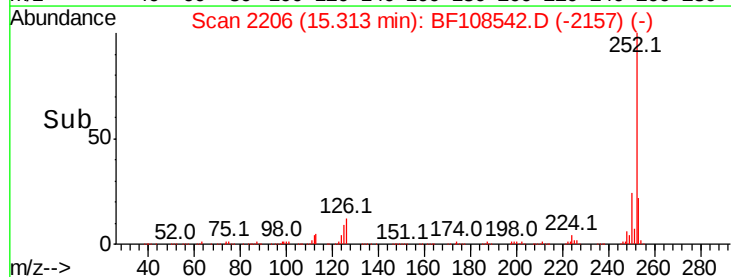
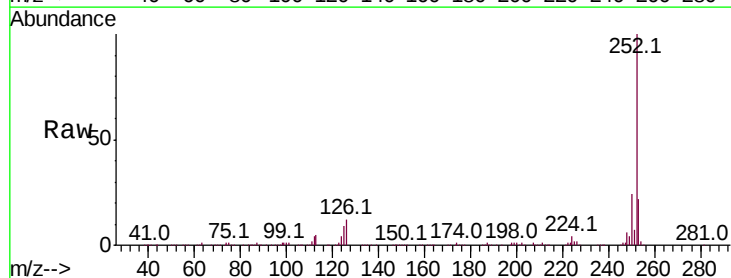
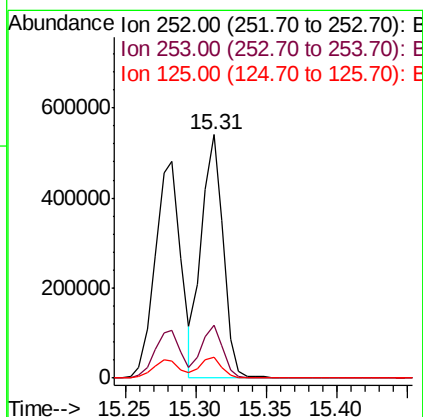
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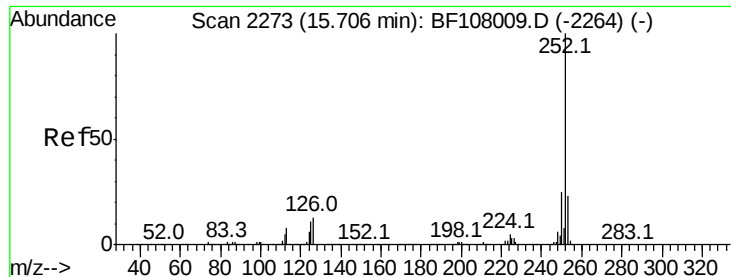
Sohil
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#88
Benzo(k)fluoranthene
Concen: 55.903 ng
RT: 15.31 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	8.7	10.2	15.2#





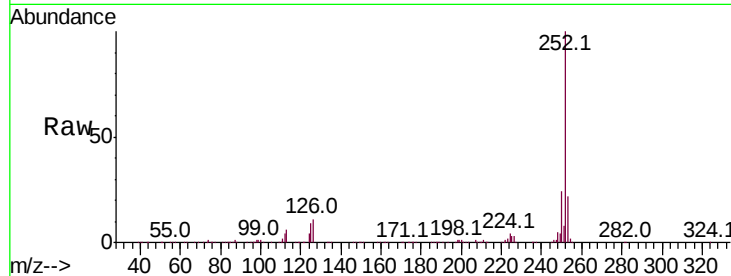
#89
Benzo(a)pyrene
Concen: 52.208 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

Instrument :
BNA_F
ClientSampleId :
PB112391BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	9.0	9.8	14.6

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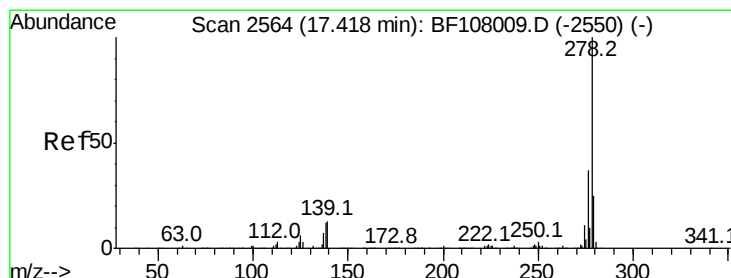
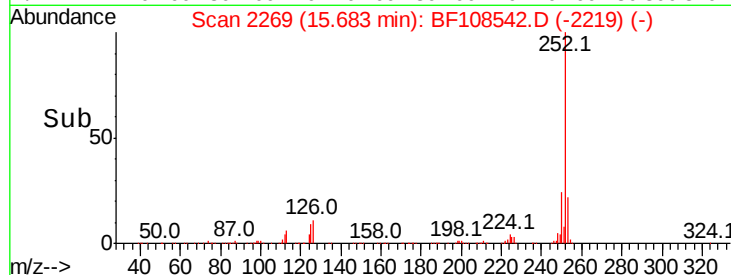
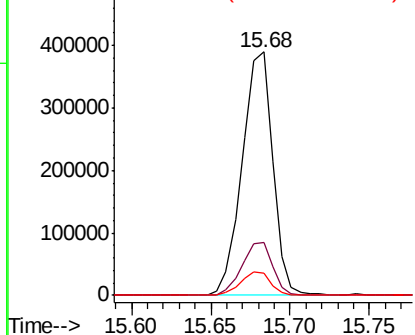


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Dibenzo(a,h)anthracene
Concen: 50.644 ng
RT: 17.37 min Scan# 2556
Delta R.T. -0.02 min
Lab File: BF108542.D
Acq: 28 Aug 2018 6:25

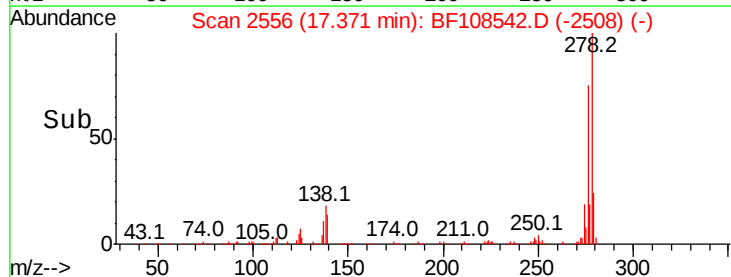
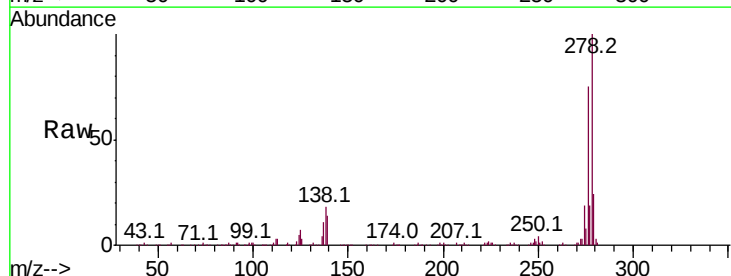
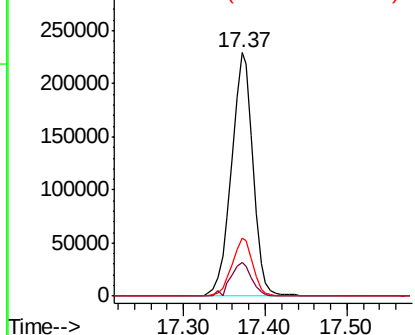
Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.9	15.9	23.9
279	24.0	19.0	28.4

Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 48.864 ng
 RT: 17.85 min Scan# 2638
 Delta R.T. -0.01 min
 Lab File: BF108542.D
 Acq: 28 Aug 2018 6:25

Instrument :
 BNA_F
 ClientSampleId :
 PB112391BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.9	26.9
138	18.2	21.8	32.8

Manual Integrations
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