

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
 Data File : BF108233.D
 Acq On : 17 Aug 2018 10:31
 Operator : JU/SJ
 Sample : PB112108BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112108BS

Manual Integrations
 APPROVED

Sohil
 8/20/2018 12:48:15 PM

Quant Time: Aug 17 11:34:47 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 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	164870	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	663925	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	344859	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	687700	20.00	ng	0.00
75) Chrysene-d12	14.22	240	545376	20.00	ng	0.00
86) Perylene-d12	15.78	264	398453	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1333721	146.46	ng	0.02
7) Phenol-d6	6.64	99	1802566	148.96	ng	0.01
23) Nitrobenzene-d5	7.58	82	947735	79.66	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	551741	160.40	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1810820	84.30	ng	0.00
78) Terphenyl-d14	13.15	244	1987939	92.68	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.02	88	179610	38.384	ng	90
3) Pyridine	3.77	79	481346	39.933	ng	86
4) n-Nitrosodimethylamine	3.72	42	259102	38.201	ng	# 84
6) Aniline	6.68	93	538113	32.691	ng	97
8) 2-Chlorophenol	6.81	128	448076	43.687	ng	99
9) Benzaldehyde	6.57	77	240391	25.622	ng	99
10) Phenol	6.65	94	534743	42.720	ng	89
11) bis(2-Chloroethyl)ether	6.75	93	431867	42.675	ng	91
12) 1,3-Dichlorobenzene	6.96	146	507836	42.822	ng	99
13) 1,4-Dichlorobenzene	7.04	146	507539	42.596	ng	97
14) 1,2-Dichlorobenzene	7.19	146	470913	42.490	ng	97
15) Benzyl Alcohol	7.15	79	425780	41.794	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.28	45	851173	40.828	ng	98
17) 2-Methylphenol	7.26	107	392092	44.579	ng	96
18) Hexachloroethane	7.53	117	183694	43.304	ng	89
19) n-Nitroso-di-n-propylamine	7.42	70	341468	41.727	ng	91
20) 3+4-Methylphenols	7.41	107	480735	42.652	ng	# 78
22) Acetophenone	7.42	105	644865	41.539	ng	# 94
24) Nitrobenzene	7.60	77	514454	42.759	ng	97
25) Isophorone	7.84	82	927863	40.915	ng	98
26) 2-Nitrophenol	7.91	139	219471	48.303	ng	91
27) 2,4-Dimethylphenol	7.94	122	430067	42.728	ng	98
28) bis(2-Chloroethoxy)methane	8.04	93	559237	42.242	ng	98
29) 2,4-Dichlorophenol	8.15	162	410621	44.331	ng	97
30) 1,2,4-Trichlorobenzene	8.24	180	432533	42.354	ng	98
31) Naphthalene	8.32	128	1304451	43.202	ng	99
32) Benzoic acid	8.06	122	204838	36.680	ng	92
33) 4-Chloroaniline	8.37	127	353389	26.857	ng	98
34) Hexachlorobutadiene	8.43	225	273936	42.372	ng	99
35) Caprolactam	8.74	113	122342m	42.148	ng	
36) 4-Chloro-3-methylphenol	8.84	107	427217	42.754	ng	97
37) 2-Methylnaphthalene	9.01	142	910404	42.617	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	450698	42.558	ng	98
40) Hexachlorocyclopentadiene	9.17	237	501053	73.249	ng	98

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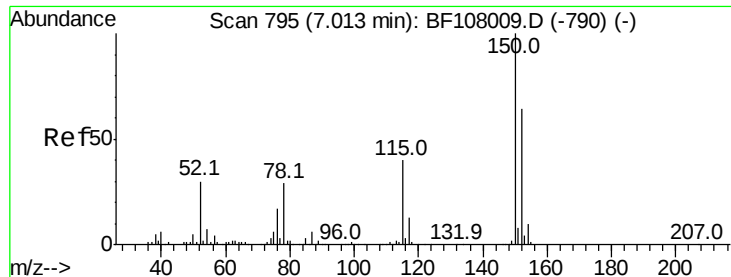
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	299336	45.549	nq	99
43) 2,4,5-Trichlorophenol	9.33	196	329648	45.567	nq	96
45) 1,1'-Biphenyl	9.48	154	1104748	43.449	nq	100
46) 2-Chloronaphthalene	9.51	162	858353	42.712	nq	99
47) 2-Nitroaniline	9.60	65	293495	45.137	nq	86
48) Acenaphthylene	9.93	152	1380186	43.442	nq	100
49) Dimethylphthalate	9.78	163	1006022	41.879	nq #	99
50) 2,6-Dinitrotoluene	9.84	165	225255	44.819	nq	93
51) Acenaphthene	10.10	154	890170	45.745	nq	99
52) 3-Nitroaniline	10.01	138	178389	32.440	nq	93
53) 2,4-Dinitrophenol	10.12	184	164865	86.980	nq #	22
54) Dibenzofuran	10.27	168	1194097	42.356	nq	96
55) 4-Nitrophenol	10.17	139	343739	82.548	nq #	81
56) 2,4-Dinitrotoluene	10.25	165	301303	46.574	nq #	93
57) Fluorene	10.62	166	953118	42.707	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	276044	45.652	nq #	86
59) Diethylphthalate	10.48	149	971398	41.760	nq	95
60) 4-Chlorophenyl-phenylether	10.60	204	487247	41.899	nq	93
61) 4-Nitroaniline	10.64	138	239807	44.109	nq	91
62) Azobenzene	10.77	77	1003758	41.783	nq	93
64) 4,6-Dinitro-2-methylphenol	10.66	198	112126	43.939	nq	92
65) n-Nitrosodiphenylamine	10.72	169	860827	42.359	nq	96
66) 4-Bromophenyl-phenylether	11.10	248	315776	42.253	nq #	86
67) Hexachlorobenzene	11.17	284	330401	42.018	nq #	88
68) Atrazine	11.25	200	298630	43.812	nq	95
69) Pentachlorophenol	11.36	266	326185	86.666	nq	96
70) Phenanthrene	11.59	178	1385529	42.715	nq	99
71) Anthracene	11.64	178	1422401	42.785	nq	98
72) Carbazole	11.79	167	1276505	43.217	nq	99
73) Di-n-butylphthalate	12.11	149	1484124	44.360	nq	100
74) Fluoranthene	12.78	202	1535527	43.376	nq	95
76) Benzidine	12.89	184	668316	32.798	nq	99
77) Pyrene	13.01	202	1541112	44.634	nq	99
79) Butylbenzylphthalate	13.61	149	638400	46.563	nq #	95
80) Benzo(a)anthracene	14.21	228	1361619	43.504	nq	98
81) 3,3'-Dichlorobenzidine	14.16	252	344086	30.676	nq #	98
82) Chrysene	14.24	228	1234985	43.039	nq	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	823574	44.358	nq	99
84) Di-n-octyl phthalate	14.79	149	1306577	46.143	nq	96
85) Indeno(1,2,3-cd)pyrene	17.40	276	921476	37.063	nq #	91
87) Benzo(b)fluoranthene	15.31	252	1163537m	48.869	nq	
88) Benzo(k)fluoranthene	15.34	252	973411	44.476	nq #	97
89) Benzo(a)pyrene	15.71	252	971111	45.548	nq	97
90) Dibenzo(a,h)anthracene	17.42	278	773218	43.832	nq #	94
91) Benzo(g,h,i)perylene	17.89	276	758782	43.682	nq #	91

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



#1

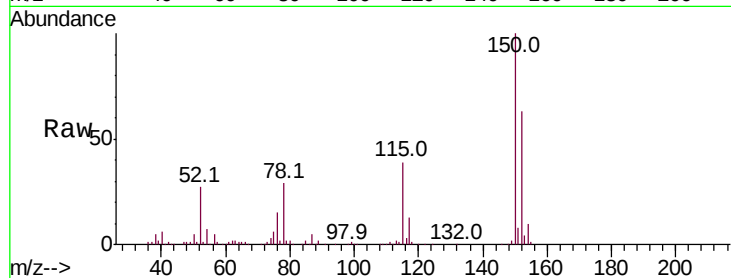
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Instrument :
BNA_F
ClientSampleId :
PB112108BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	61.7	50.1	75.1

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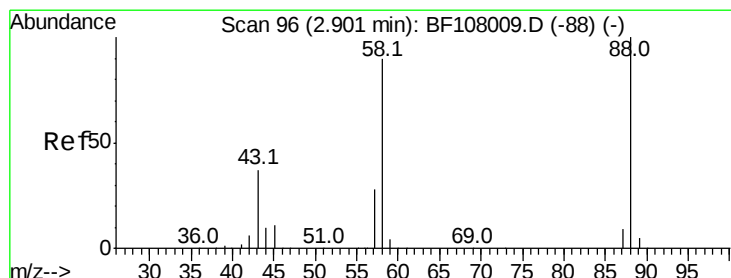
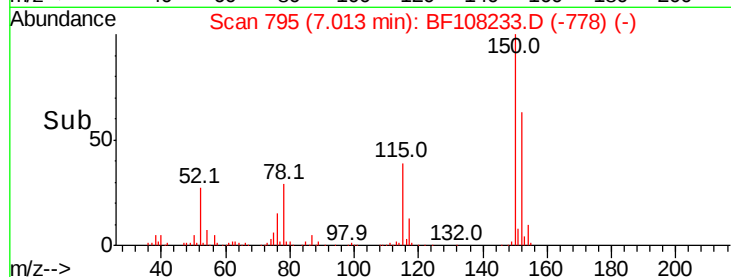
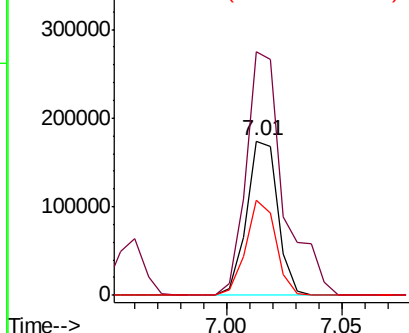


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

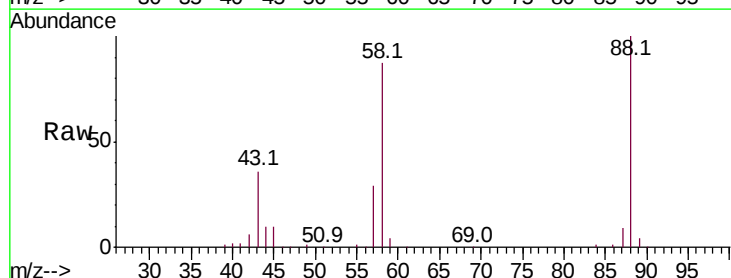
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.384 ng
RT: 3.02 min Scan# 117
Delta R.T. 0.12 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.6	62.6	93.8
43	35.4	24.6	37.0

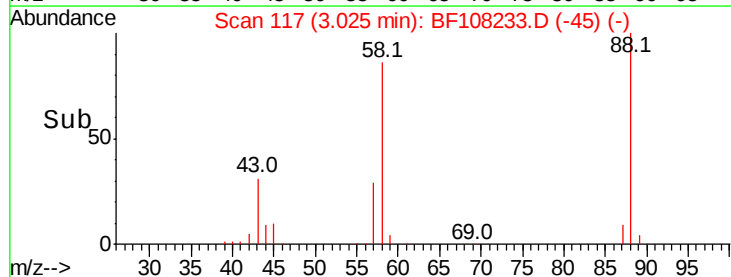
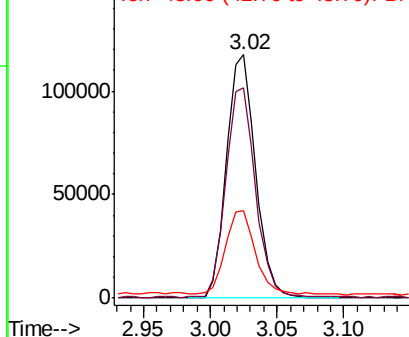


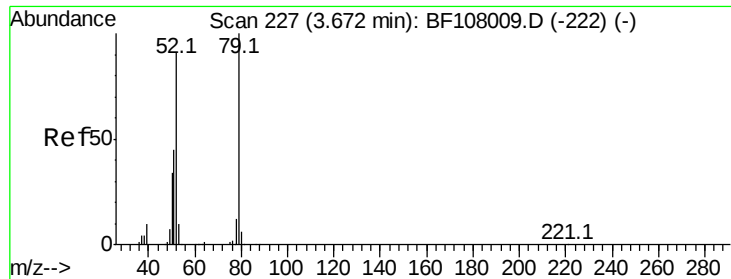
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.933 ng

RT: 3.77 min Scan# 243

Delta R.T. 0.09 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

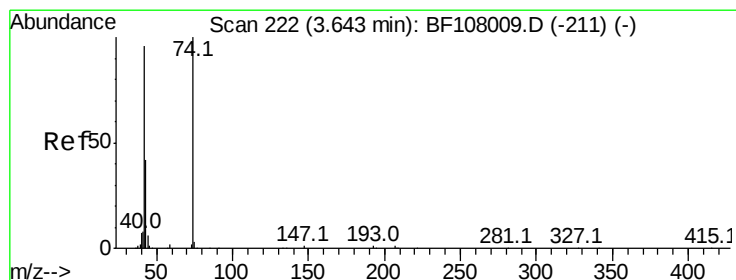
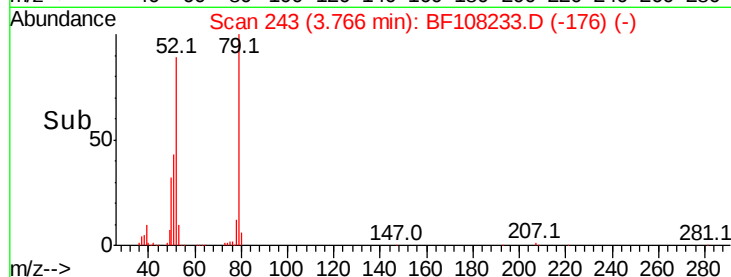
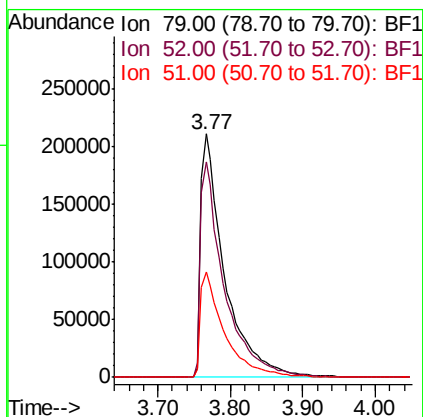
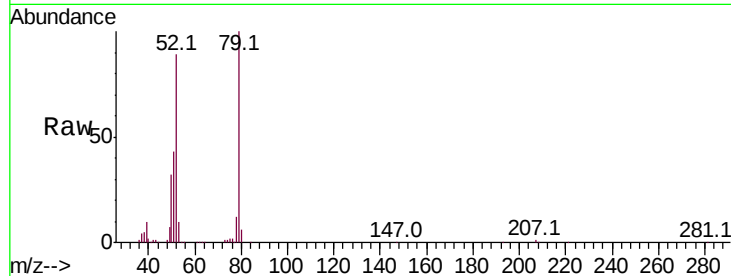
ClientSampleId :

PB112108BS

Tot Ion:	79	Resp:	481346
Ion Ratio	Lower	Upper	
79	100		
52	88.7	59.8	89.6
51	43.5	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 38.201 ng

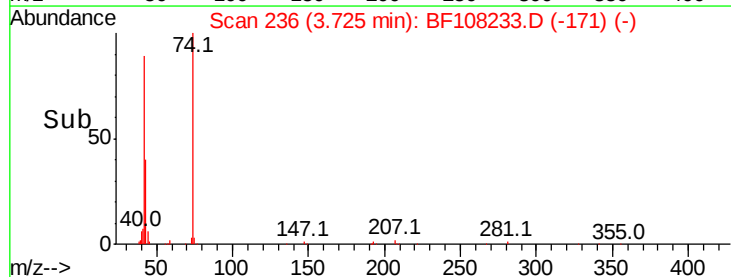
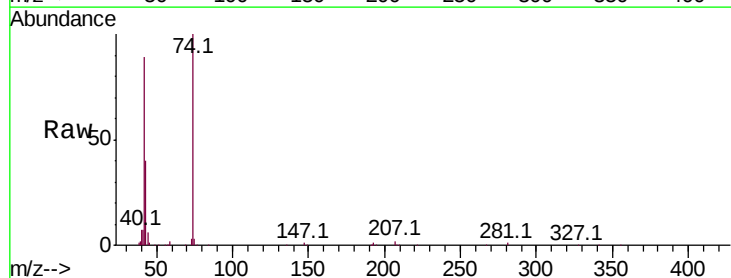
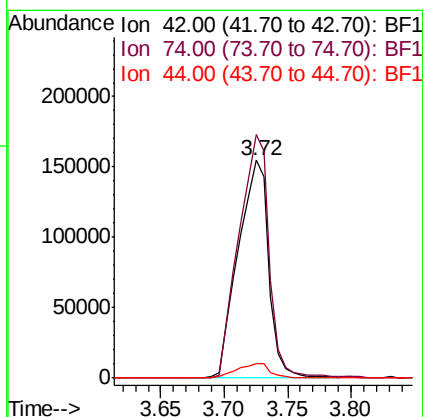
RT: 3.72 min Scan# 236

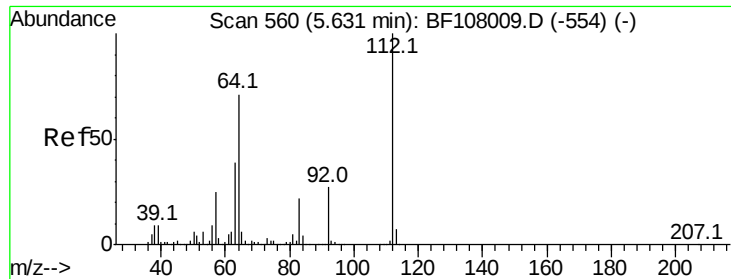
Delta R.T. 0.08 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Tgt Ion:	42	Resp:	259102
Ion Ratio	Lower	Upper	
42	100		
74	111.8	104.9	157.3
44	6.7	6.9	10.3#





#5

2-Fluorophenol

Concen: 146.457 ng

RT: 5.65 min Scan# 564

Delta R.T. 0.02 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

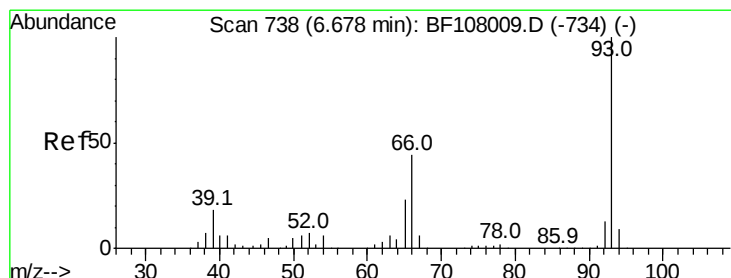
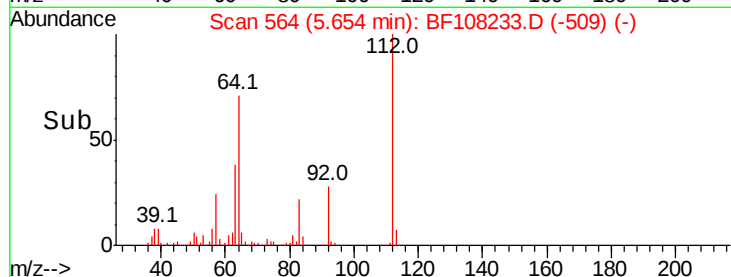
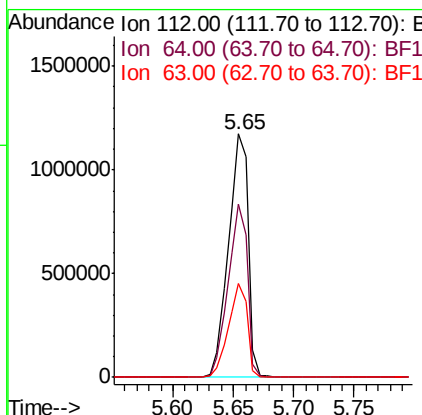
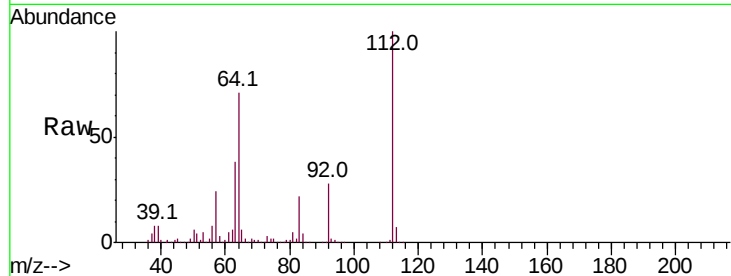
ClientSampleId :

PB112108BS

Tot Ion:	112	Resp:	1333721
Ion	Ratio	Lower	Upper
112	100		
64	71.2	47.9	71.9
63	38.4	23.7	35.5#

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#6

Aniline

Concen: 32.691 ng

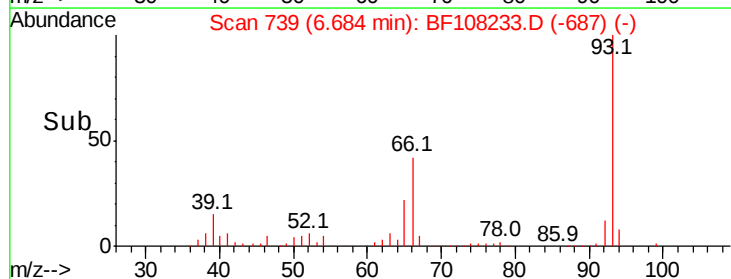
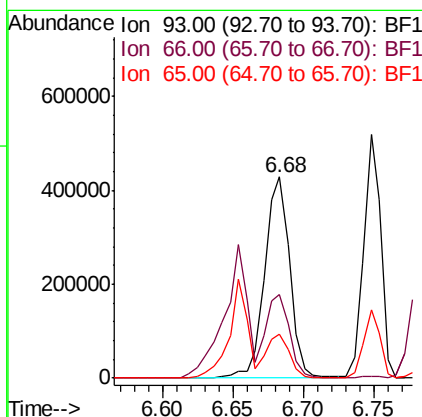
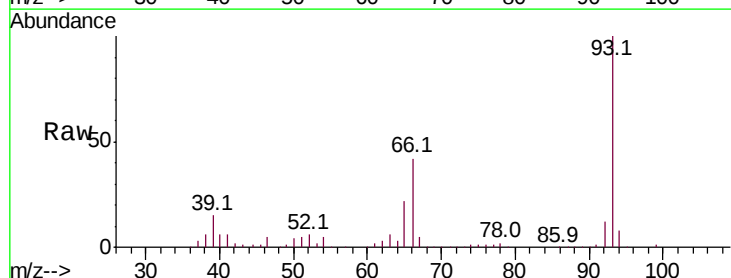
RT: 6.68 min Scan# 739

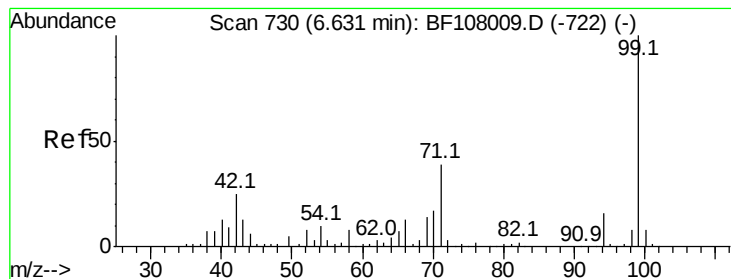
Delta R.T. 0.01 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Tgt Ion:	93	Resp:	538113
Ion	Ratio	Lower	Upper
93	100		
66	41.8	32.2	48.2
65	21.8	16.4	24.6





#7

Phenol-d6

Concen: 148.955 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

ClientSampleId :

PB112108BS

Tot Ion: 99 Resp: 1802566

Ion Ratio Lower Upper

99 100

42 23.7 14.5 21.7#

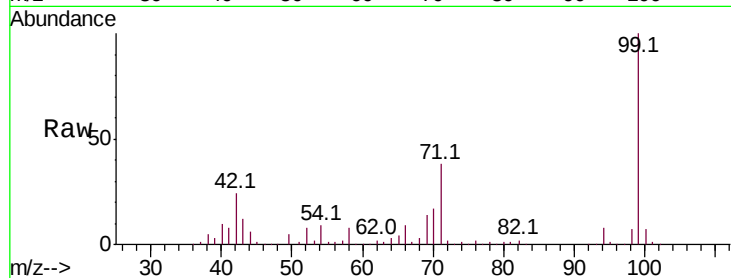
71 37.7 25.4 38.0

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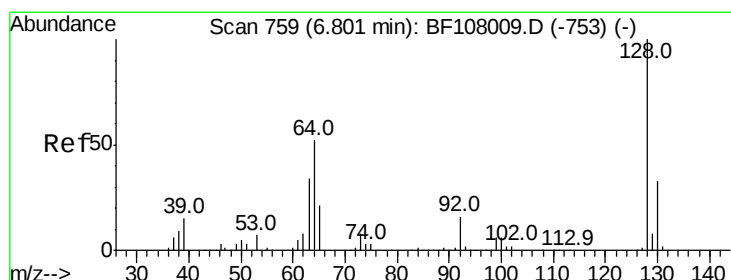
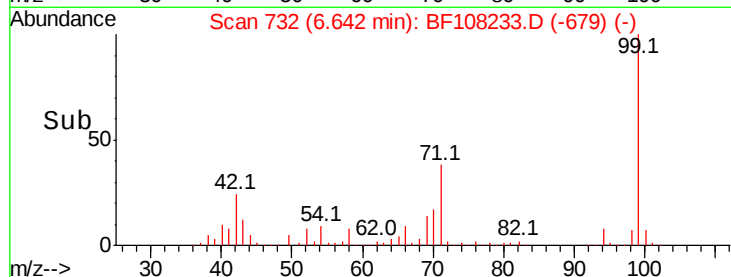
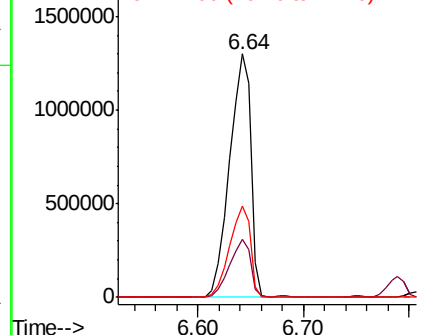
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.687 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

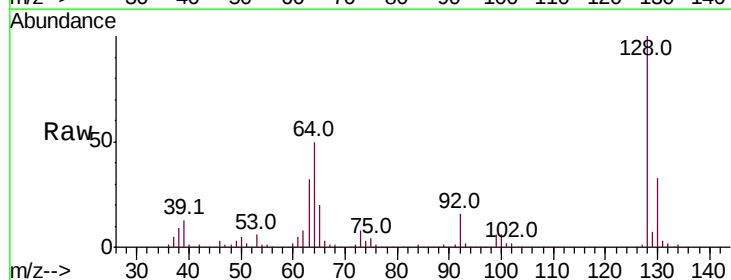
Tgt Ion:128 Resp: 448076

Ion Ratio Lower Upper

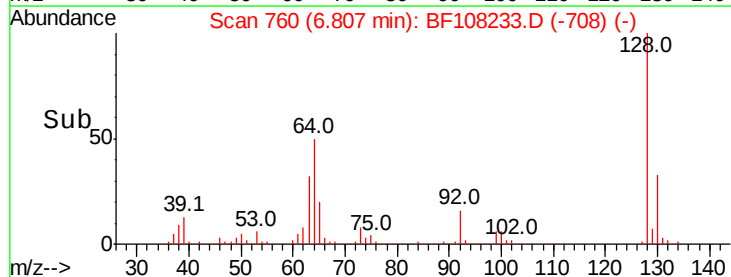
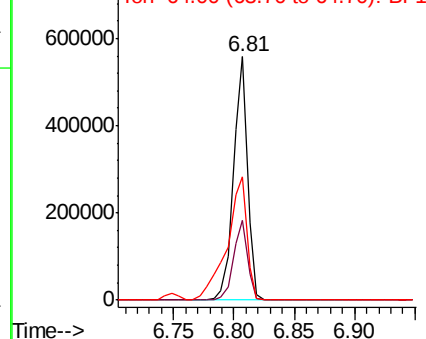
128 100

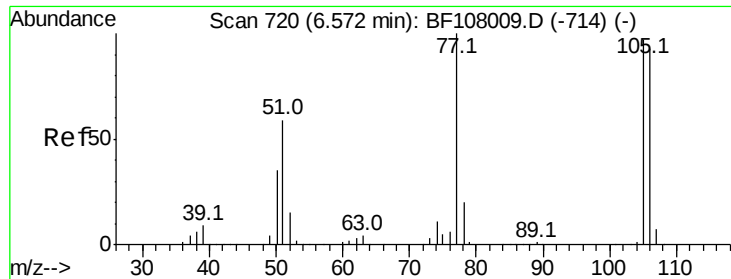
130 33.0 13.0 53.0

64 50.4 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.622 ng

RT: 6.57 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

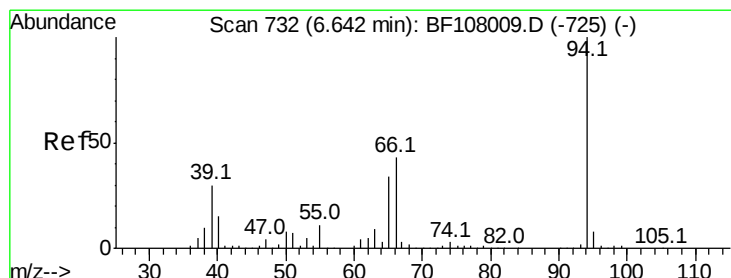
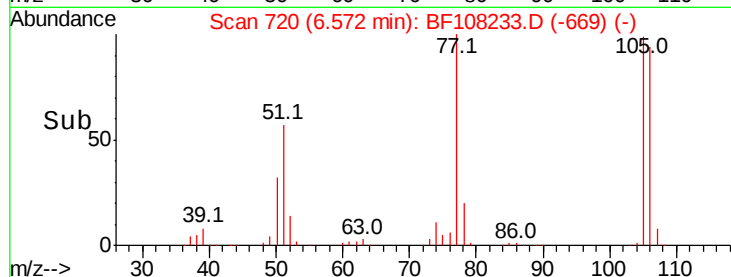
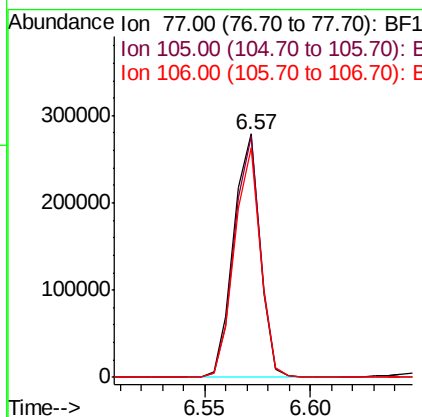
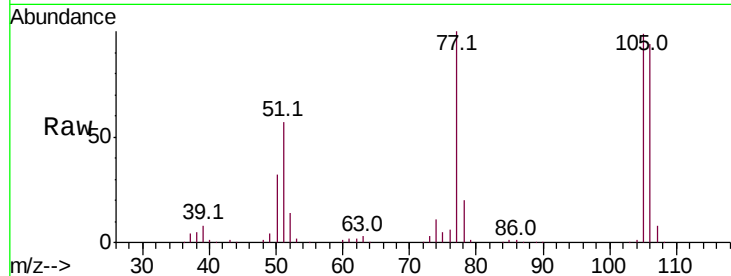
ClientSampleId :

PB112108BS

Tot Ion:	77	Resp:	240391
Ion Ratio	Lower	Upper	
77	100		
105	99.0	81.1	121.1
106	94.2	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 42.720 ng

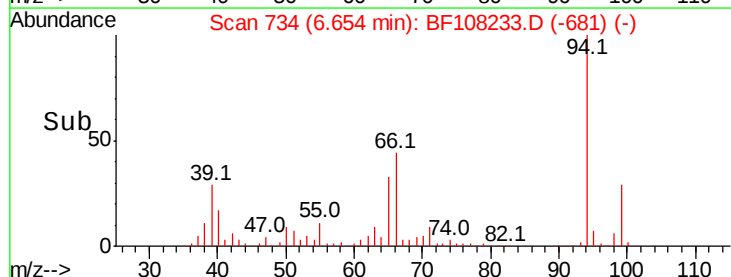
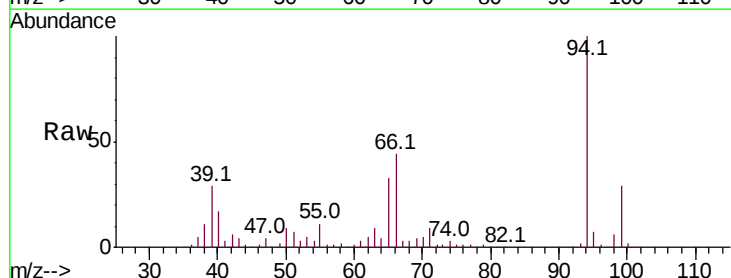
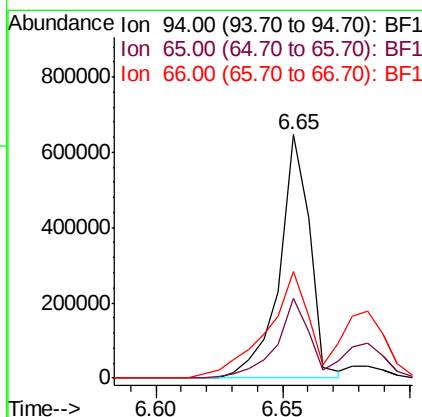
RT: 6.65 min Scan# 734

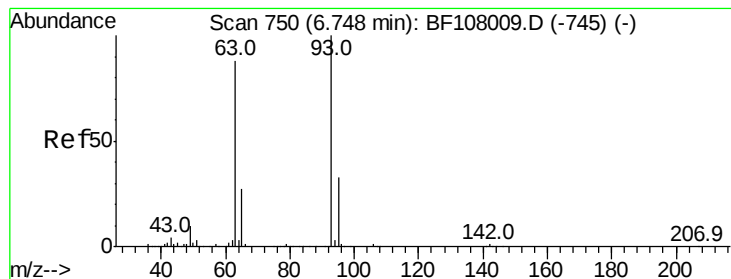
Delta R.T. 0.01 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Tgt Ion:	94	Resp:	534743
Ion Ratio	Lower	Upper	
94	100		
65	32.8	7.9	47.9
66	43.8	16.2	56.2





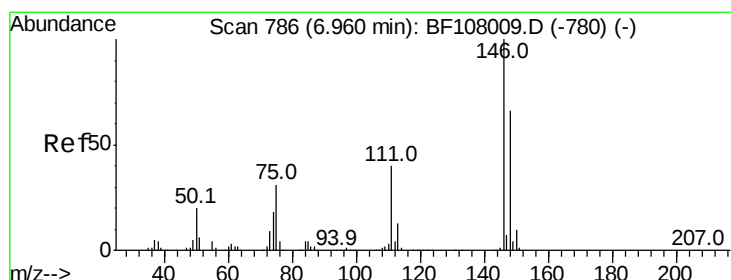
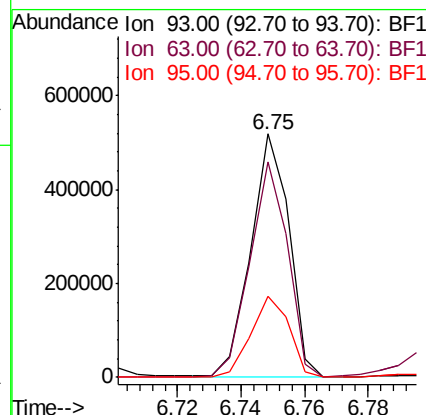
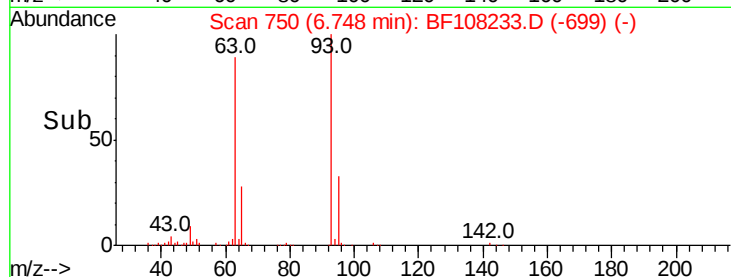
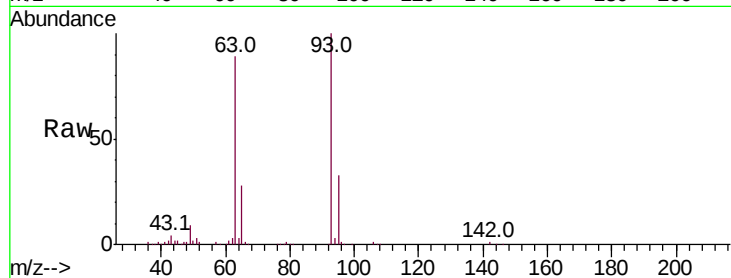
#11
 bis(2-Chloroethyl)ether
 Concen: 42.675 ng
 RT: 6.75 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB112108BS

Tot Ion	93	Resp	431867
Ion	Ratio	Lower	Upper
93	100		
63	88.7	58.6	98.6
95	33.3	11.8	51.8

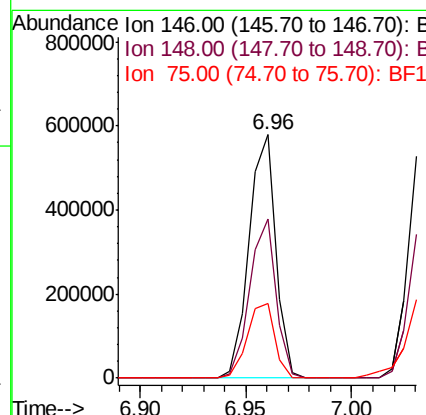
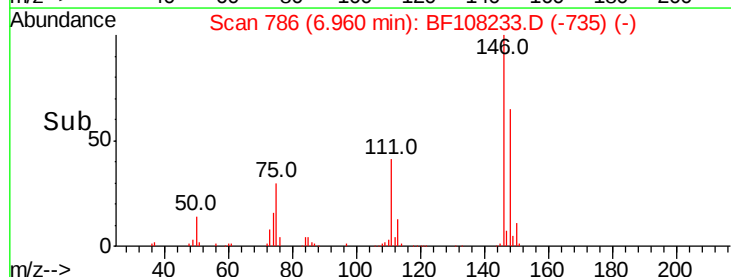
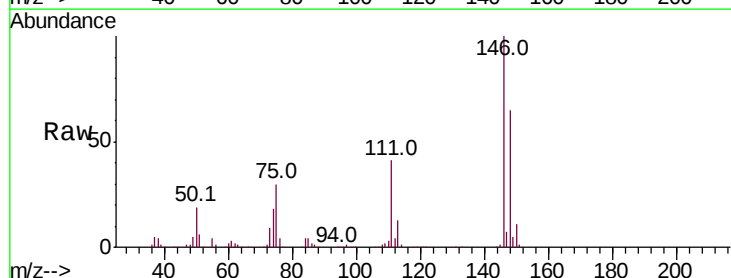
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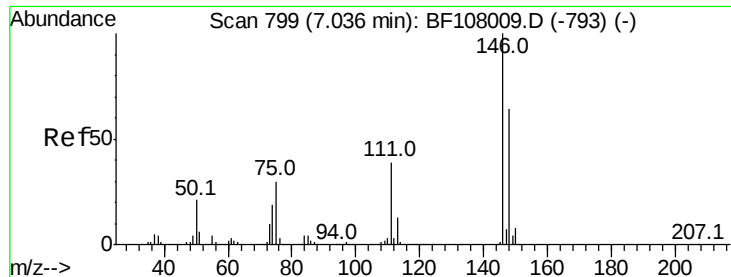
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#12
 1,3-Dichlorobenzene
 Concen: 42.822 ng
 RT: 6.96 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Tgt Ion	146	Resp	507836
Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.8
75	30.4	24.2	36.4





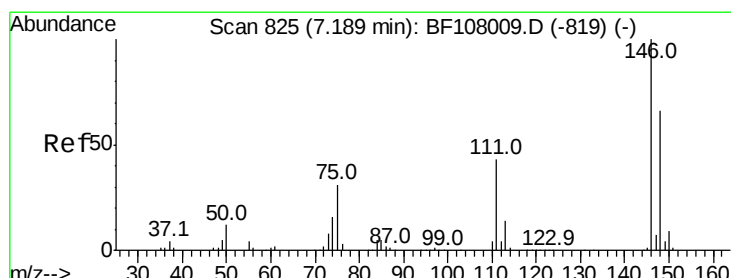
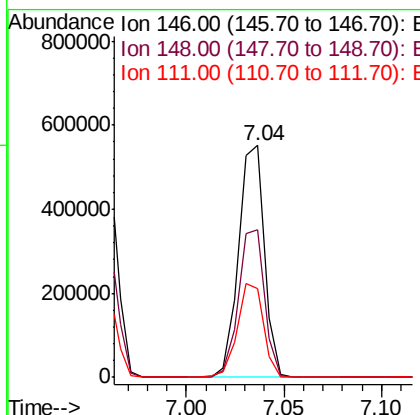
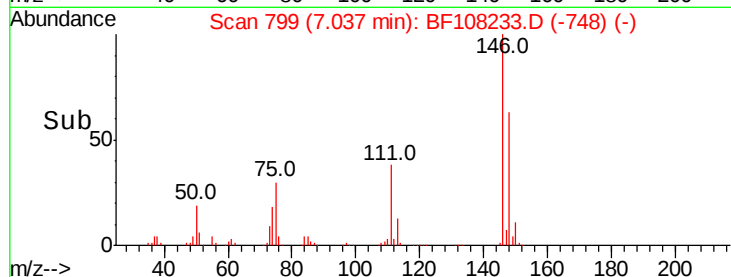
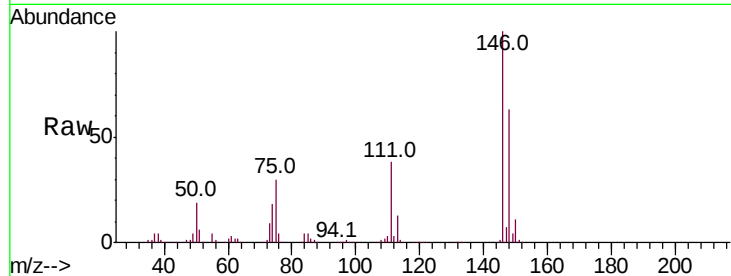
#13
 1,4-Dichlorobenzene
 Concen: 42.596 ng
 RT: 7.04 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB112108BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	507539		
148	63.5		50.8	76.2
111	38.1		34.2	51.2

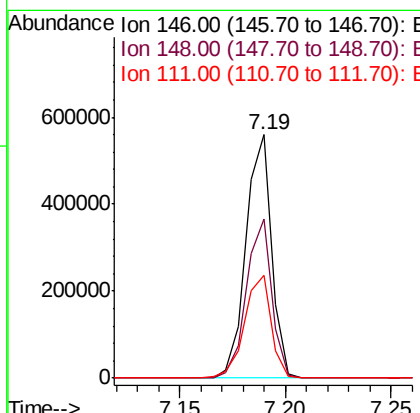
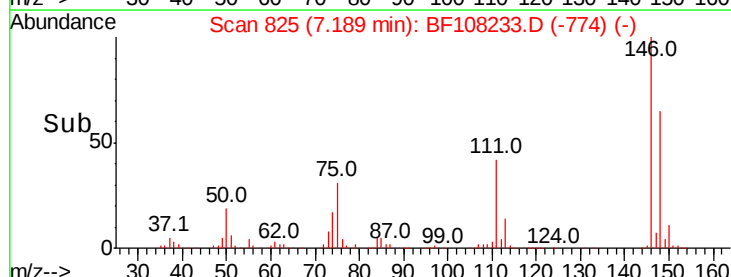
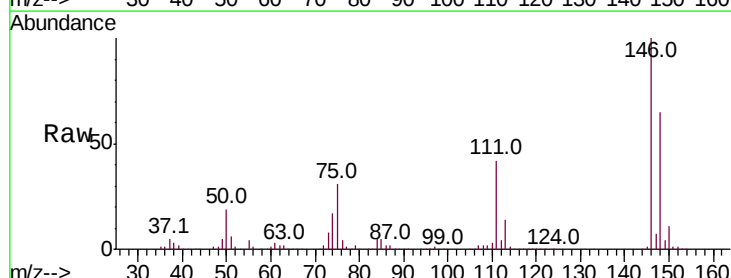
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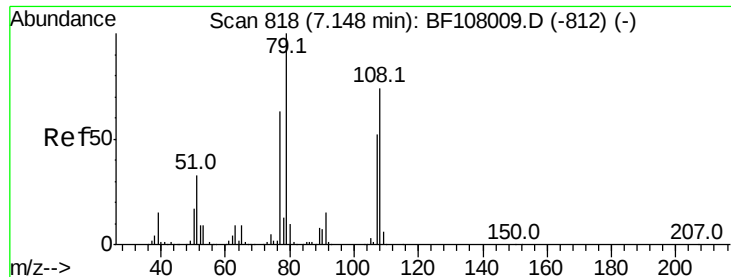
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#14
 1,2-Dichlorobenzene
 Concen: 42.490 ng
 RT: 7.19 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	470913		
148	65.4		50.6	75.8
111	42.3		36.0	54.0





#15

Benzyl Alcohol

Concen: 41.794 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

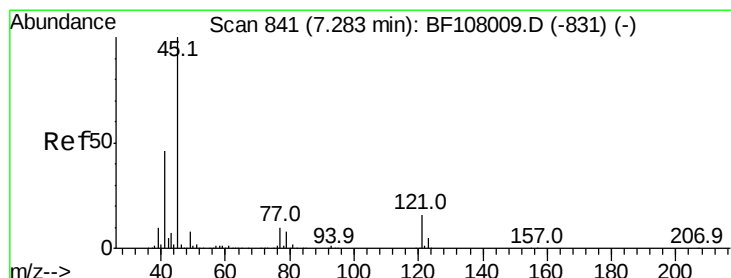
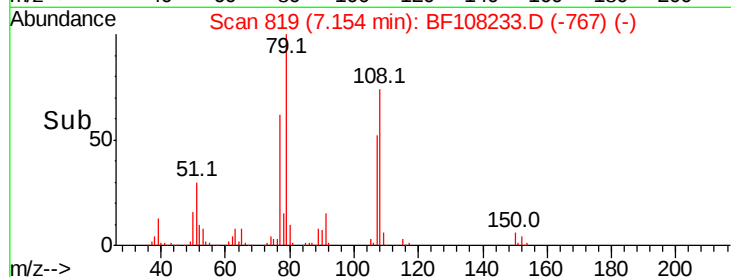
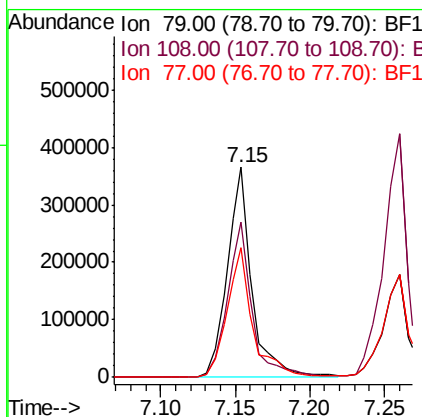
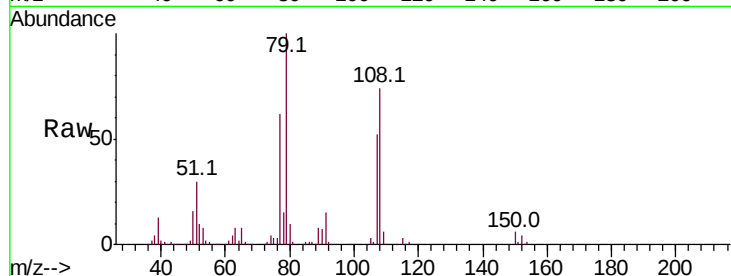
ClientSampleId :

PB112108BS

Tot Ion:	79	Resp:	425780
Ion Ratio	Lower	Upper	
79	100		
108	74.2	65.1	97.7
77	62.0	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.828 ng

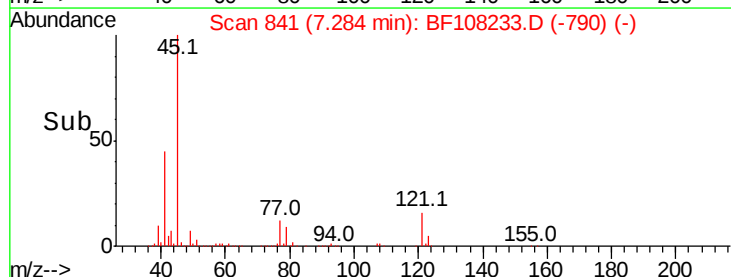
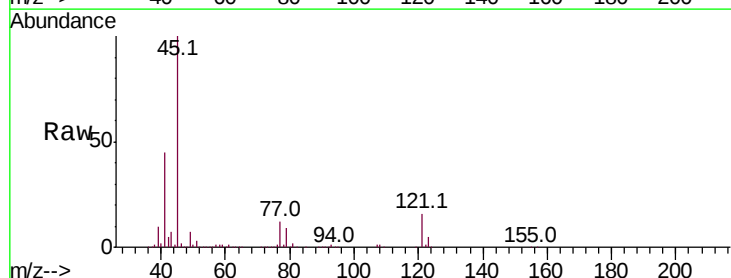
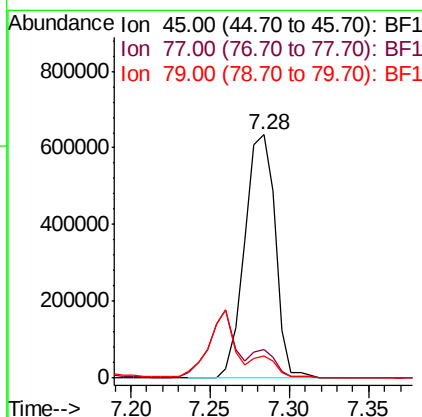
RT: 7.28 min Scan# 841

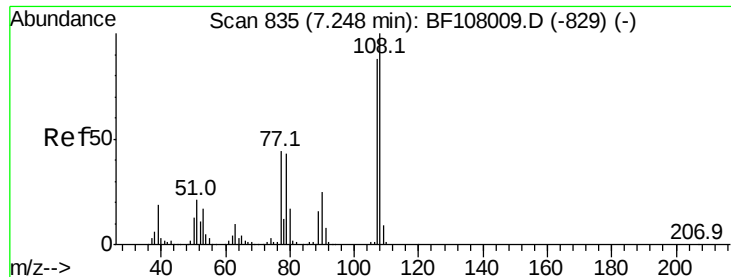
Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Tgt Ion:	45	Resp:	851173
Ion Ratio	Lower	Upper	
45	100		
77	11.6	0.0	32.9
79	9.1	0.0	29.6





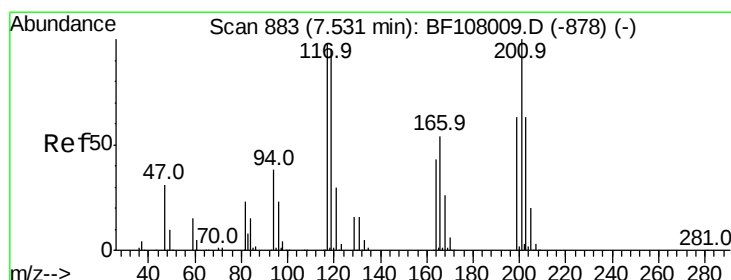
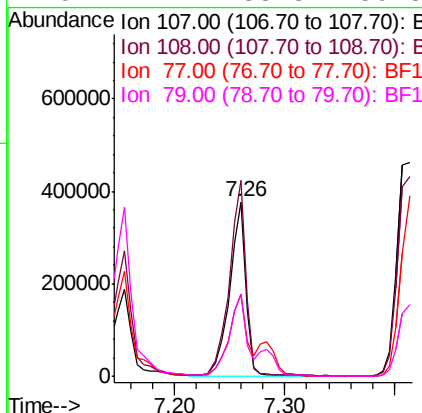
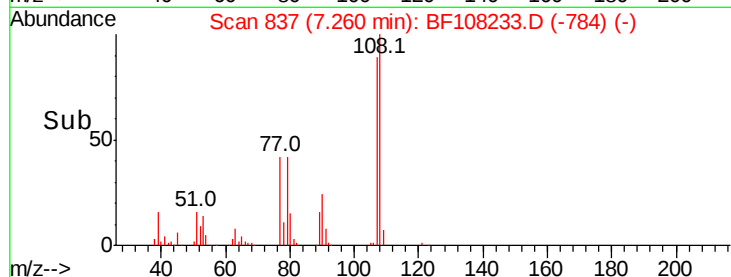
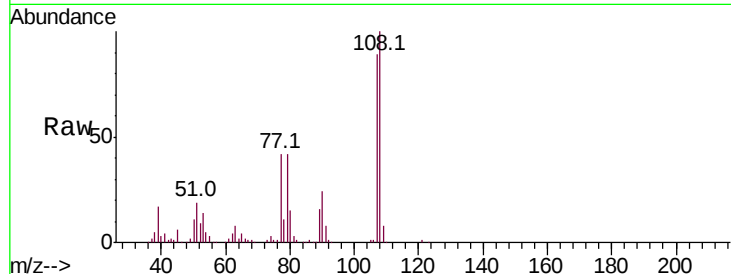
#17
2-Methylphenol
Concen: 44.579 ng
RT: 7.26 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Instrument :
BNA_F
ClientSampleId :
PB112108BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	91.7	137.5	
77	47.3	33.8	50.8	
79	47.2	33.8	50.8	

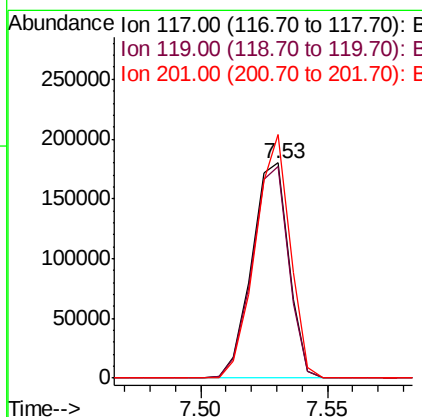
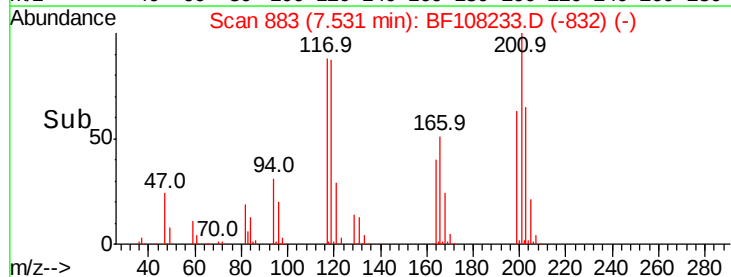
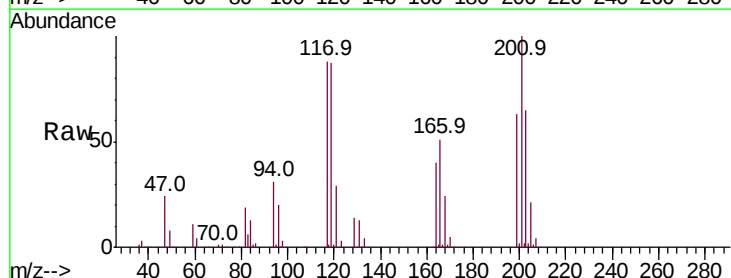
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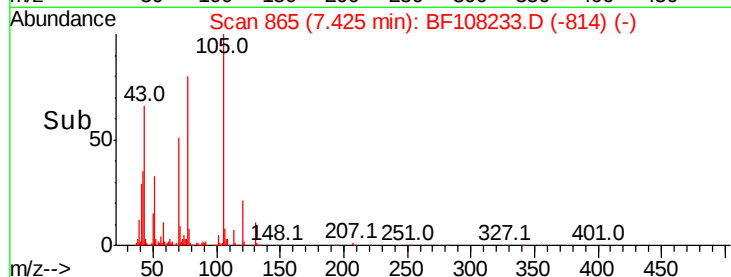
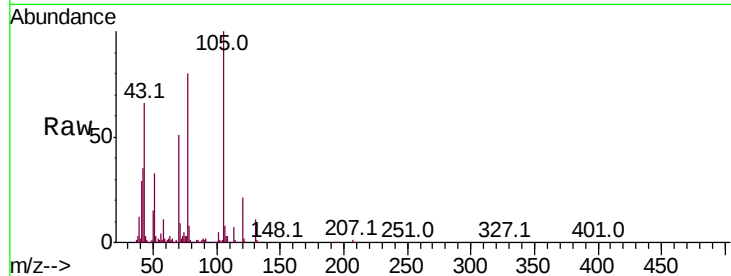
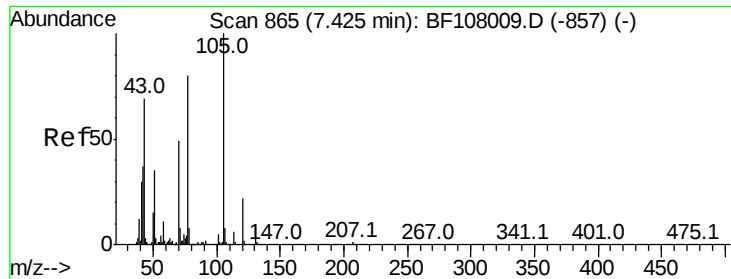
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#18
Hexachloroethane
Concen: 43.304 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.3	75.8	113.8	
201	113.3	75.7	113.5	





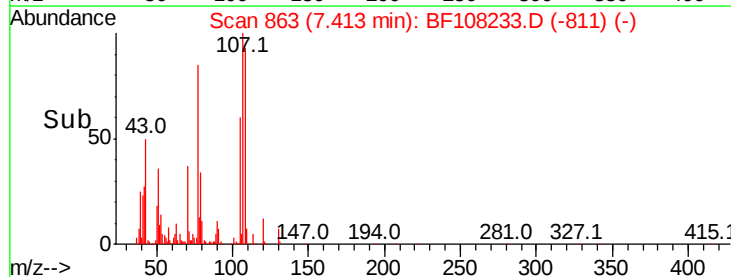
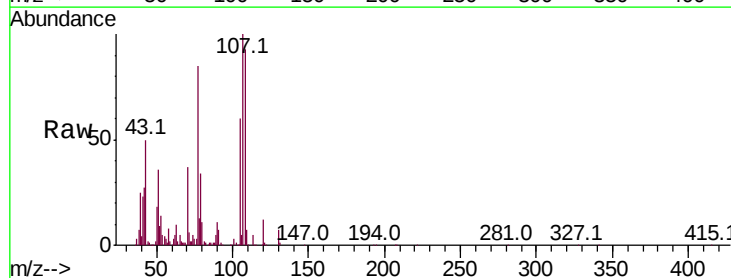
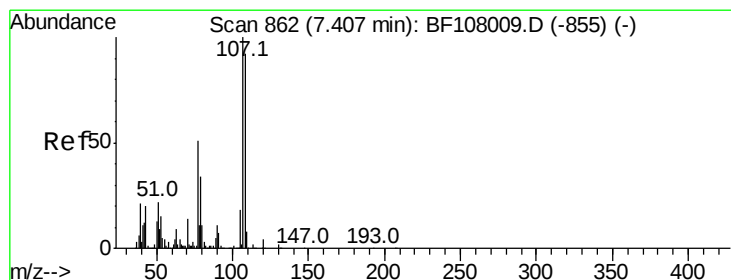
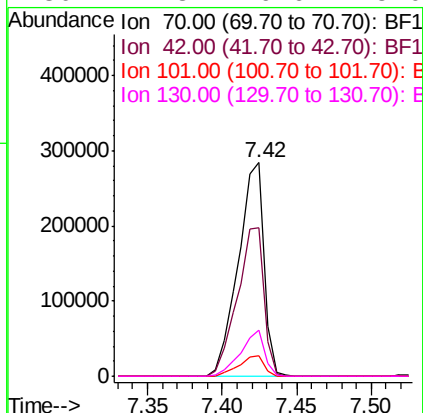
#19
n-Nitroso-di-n-propylamine
Concen: 41.727 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Instrument :
BNA_F
ClientSampleId :
PB112108BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.4	47.5	71.3
101	9.8	7.4	11.2
130	21.3	16.6	25.0

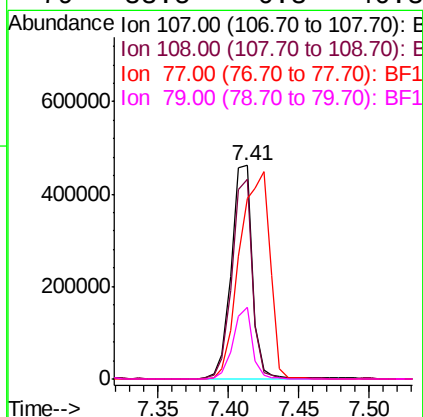
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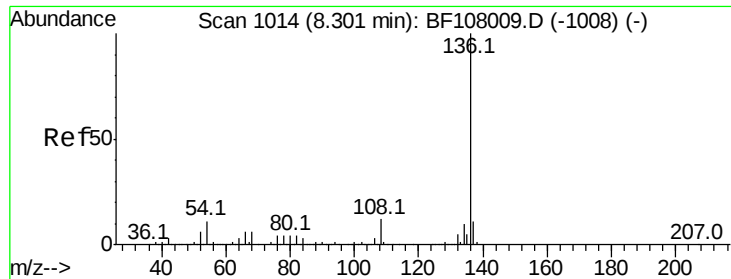
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#20
3+4-Methylphenols
Concen: 42.652 ng
RT: 7.41 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.3	68.2	108.2
77	84.7	26.7	66.7#
79	33.5	6.3	46.3





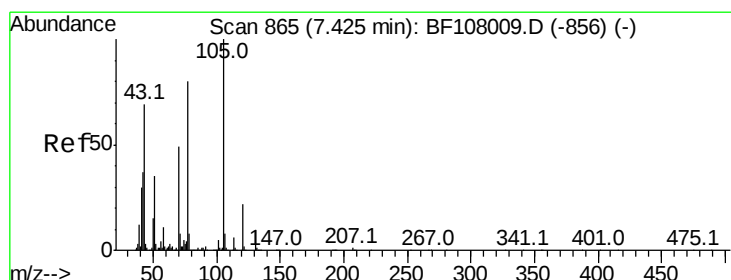
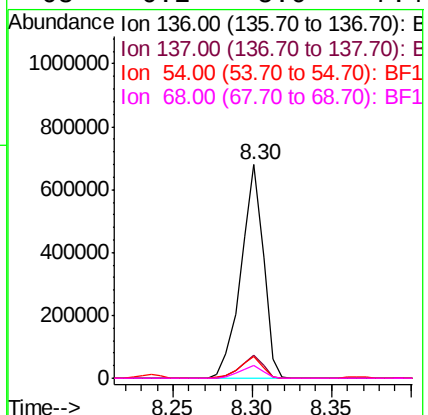
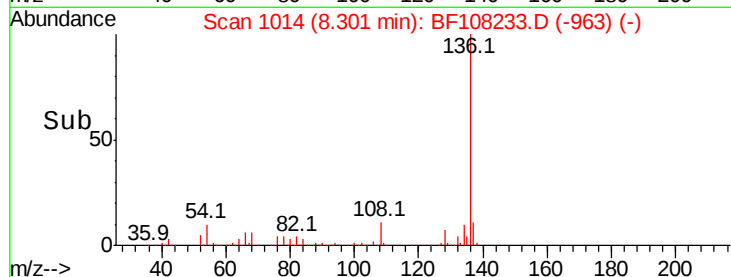
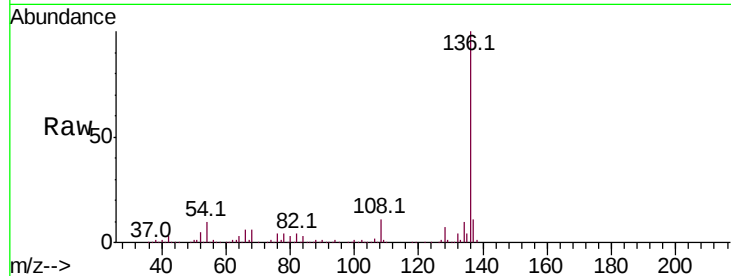
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Instrument :
BNA_F
ClientSampled :
PB112108BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	10.1	6.6	9.8	
68	6.2	5.0	7.4	

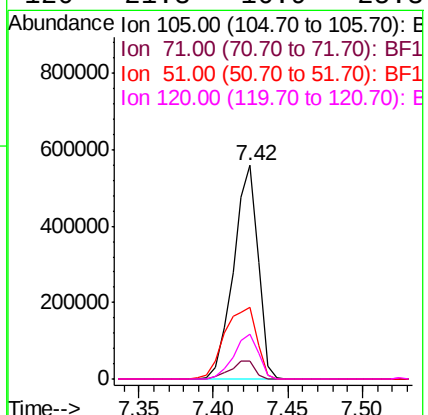
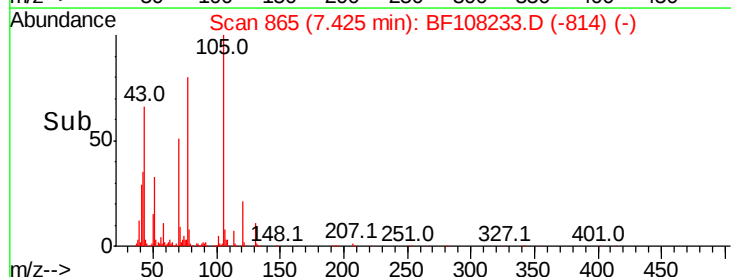
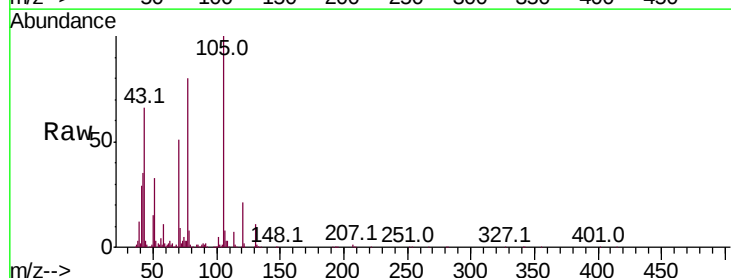
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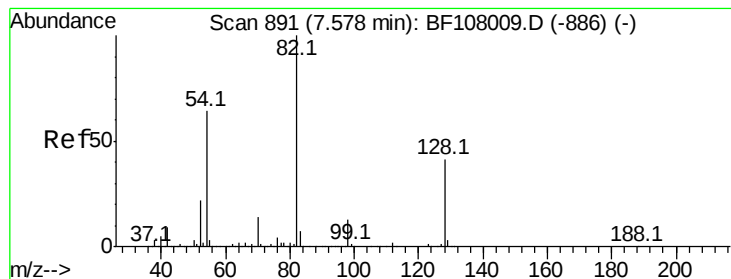
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#22
Acetophenone
Concen: 41.539 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.7	4.4	6.6	
51	33.3	22.3	33.5	
120	21.3	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 79.655 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

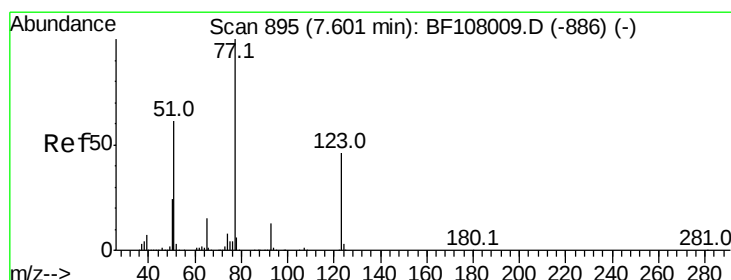
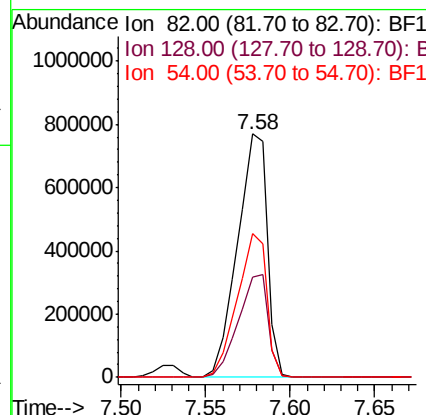
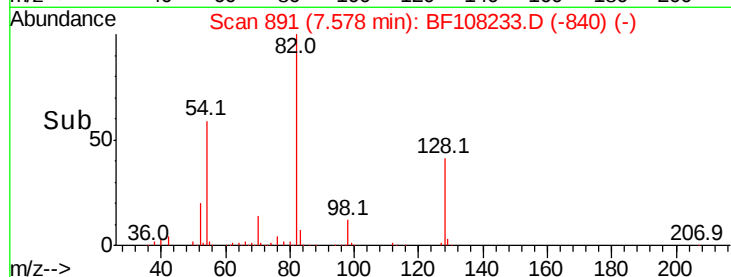
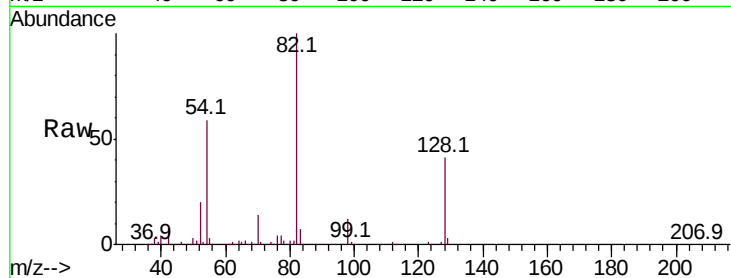
ClientSampleId :

PB112108BS

Tot Ion:	82	Resp:	947735
Ion Ratio	Lower	Upper	
82	100		
128	41.1	36.1	54.1
54	59.3	41.4	62.2

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#24

Nitrobenzene

Concen: 42.759 ng

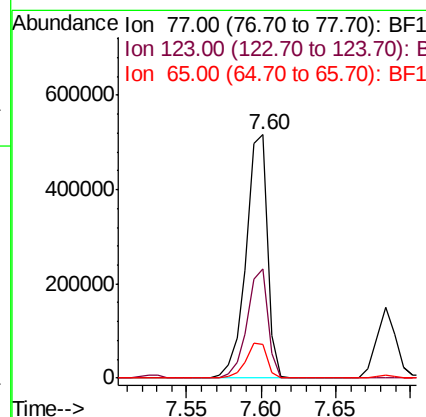
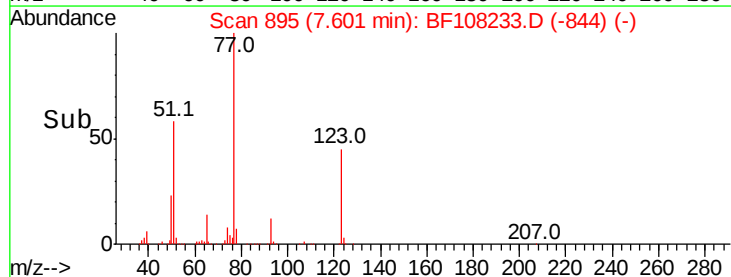
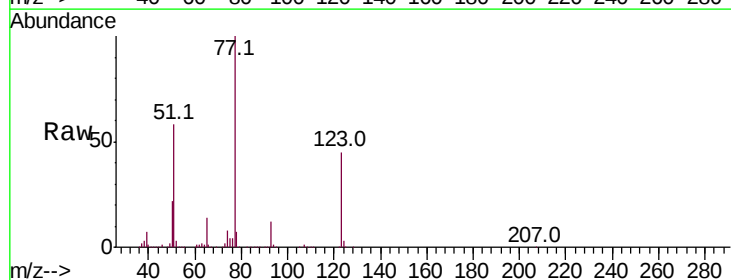
RT: 7.60 min Scan# 895

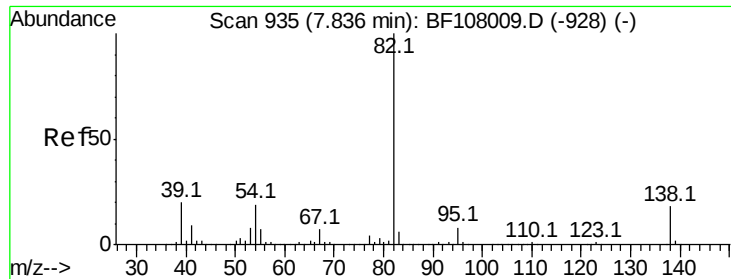
Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Tgt Ion:	77	Resp:	514454
Ion Ratio	Lower	Upper	
77	100		
123	45.1	37.9	56.9
65	14.1	11.0	16.4





#25

Isophorone

Concen: 40.915 ng

RT: 7.84 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

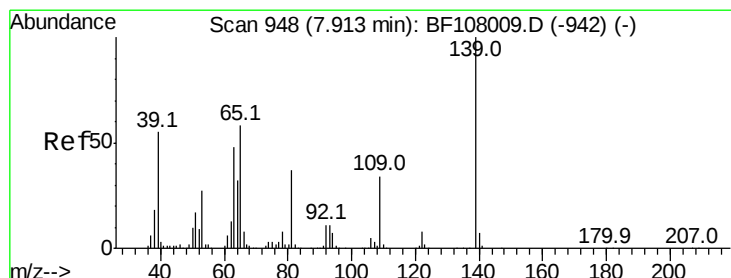
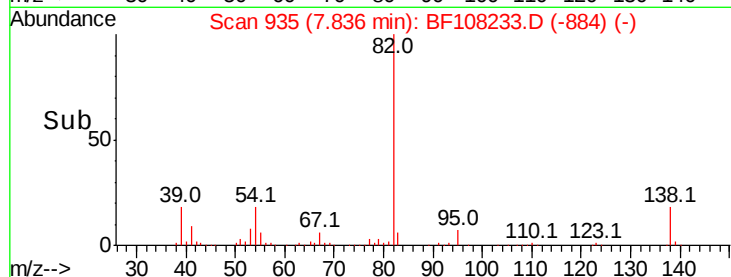
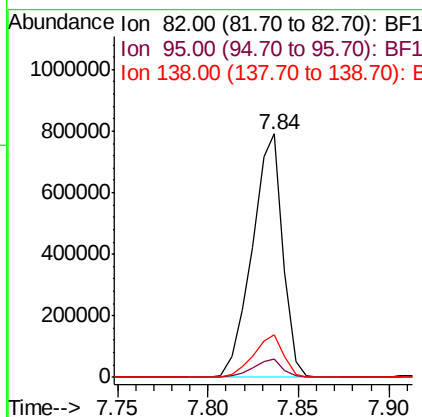
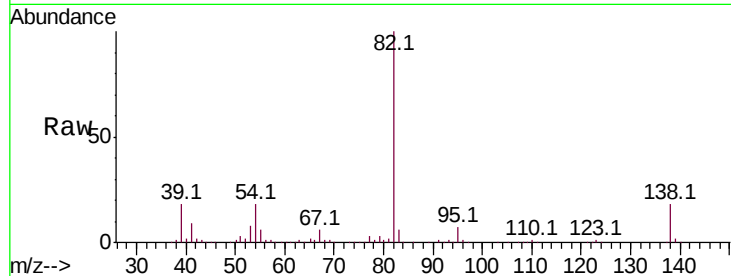
ClientSampled :

PB112108BS

Tot Ion:	82	Resp:	927863
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.2	7.8
138	17.7	14.9	22.3

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#26

2-Nitrophenol

Concen: 48.303 ng

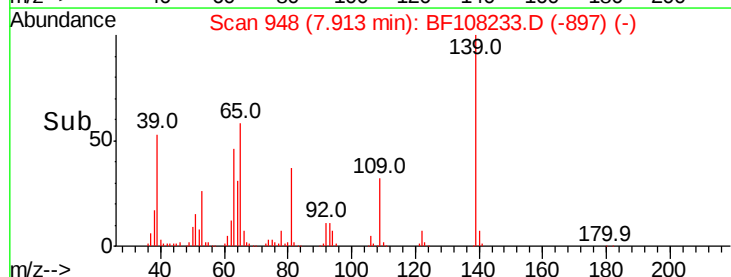
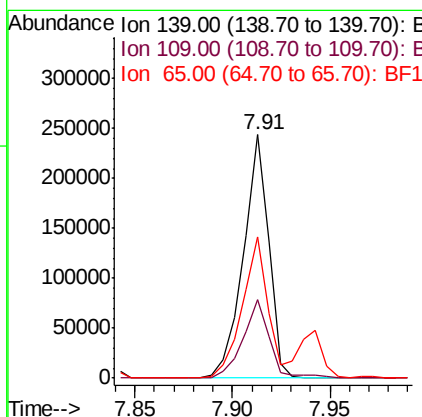
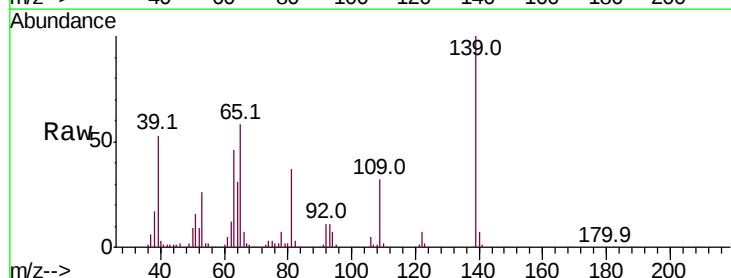
RT: 7.91 min Scan# 948

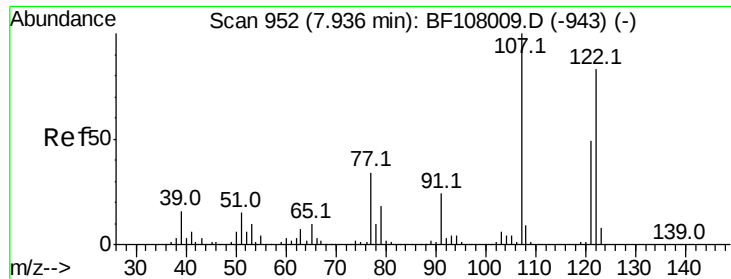
Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Tgt Ion:	139	Resp:	219471
Ion Ratio	Lower	Upper	
139	100		
109	32.0	22.7	34.1
65	57.9	40.5	60.7





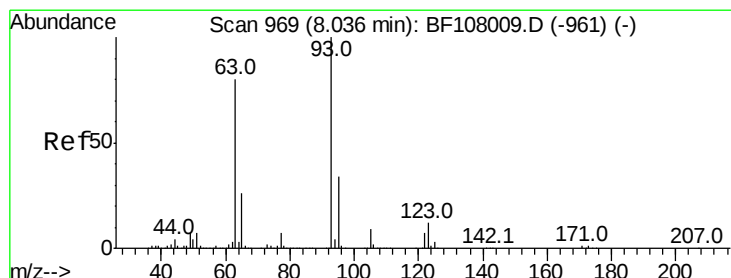
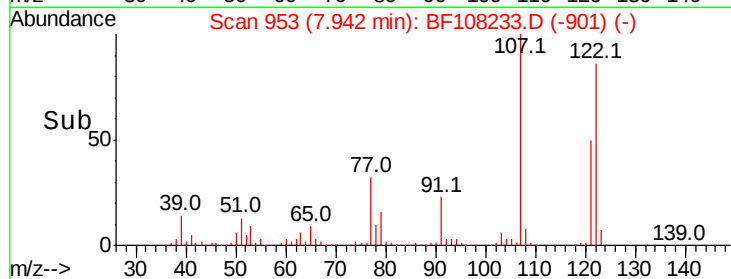
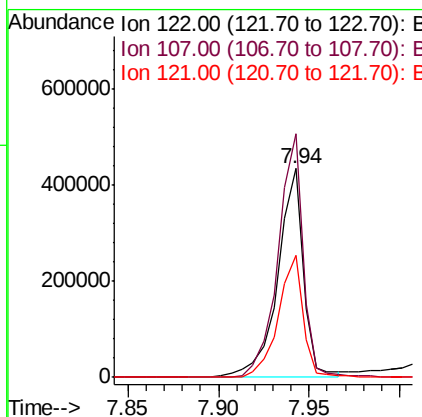
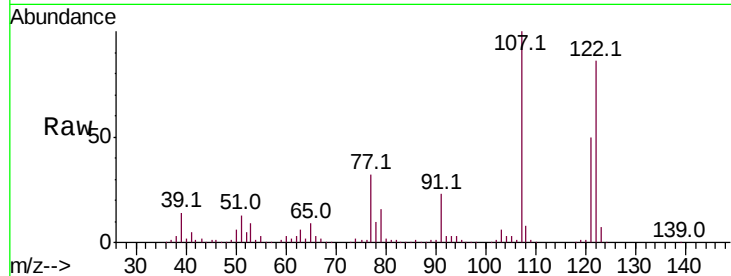
#27
 2,4-Dimethylphenol
 Concen: 42.728 ng
 RT: 7.94 min Scan# 953
 Delta R.T. 0.01 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB112108BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.7	91.2	136.8
121	58.2	47.2	70.8

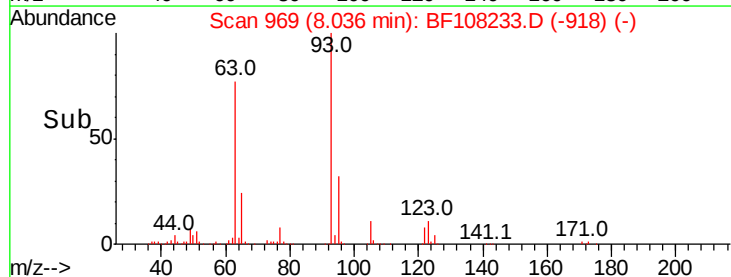
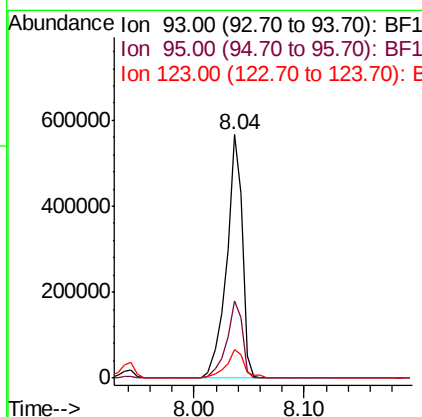
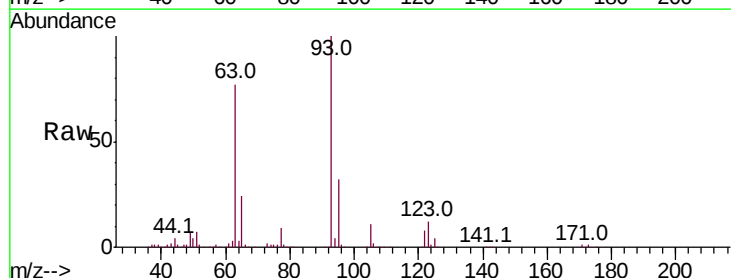
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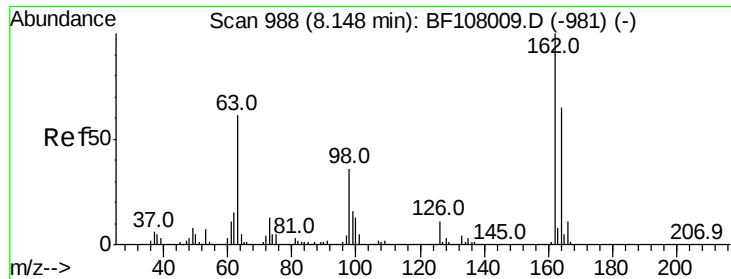
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.242 ng
 RT: 8.04 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.3	39.5
123	11.5	9.8	14.6





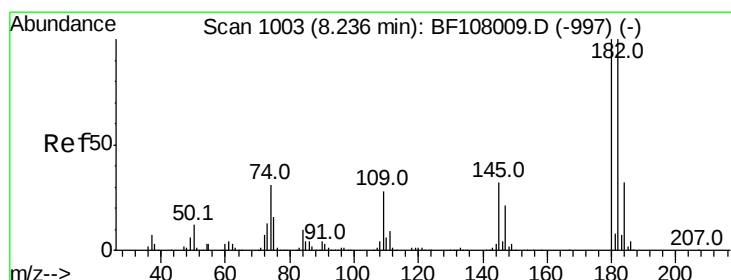
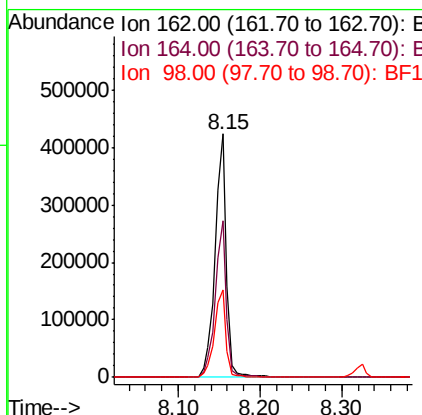
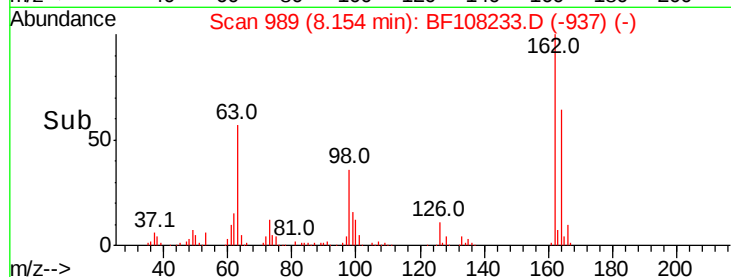
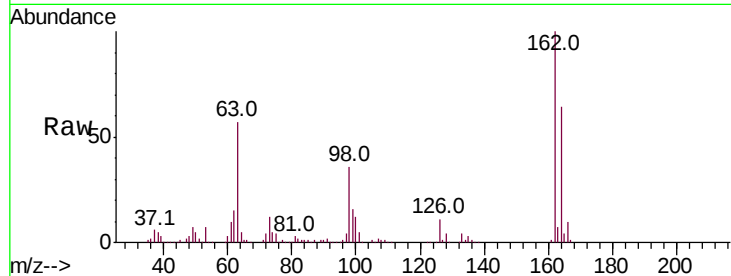
#29
2,4-Dichlorophenol
Concen: 44.331 ng
RT: 8.15 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Instrument :
BNA_F
ClientSampled :
PB112108BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	410621		
164	64.3	42.7	82.7	
98	36.1	18.1	58.1	

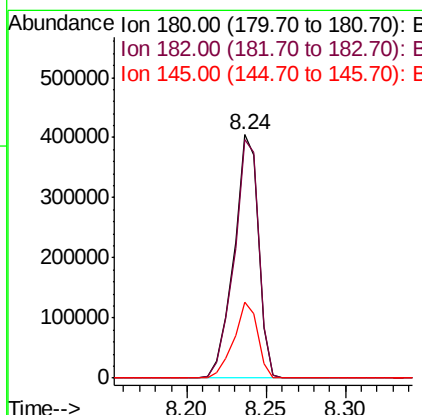
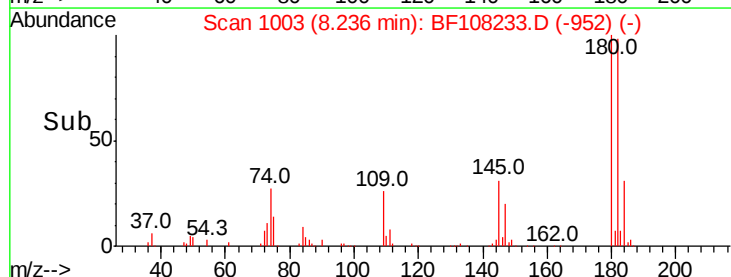
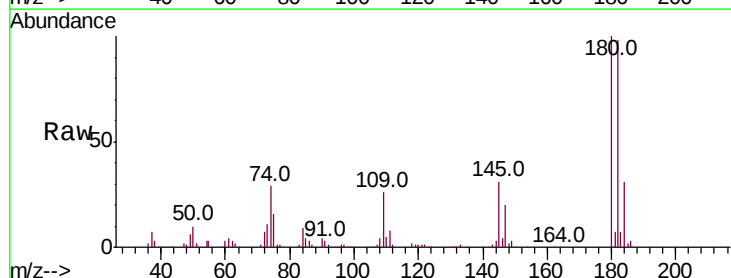
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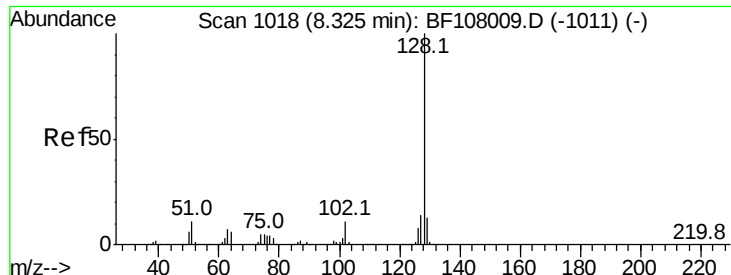
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#30
1,2,4-Trichlorobenzene
Concen: 42.354 ng
RT: 8.24 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	432533		
182	98.0	76.8	115.2	
145	31.2	26.5	39.7	





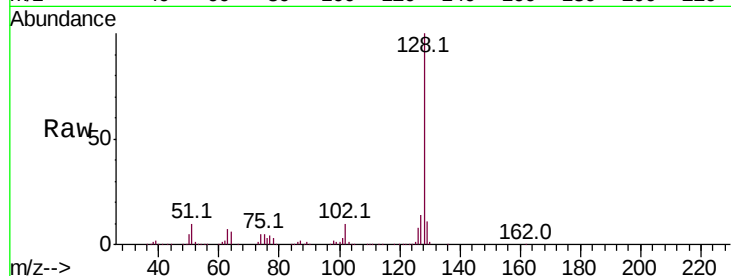
#31
Naphthalene
Concen: 43.202 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Instrument :
BNA_F
ClientSampleId :
PB112108BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.6	10.9	16.3

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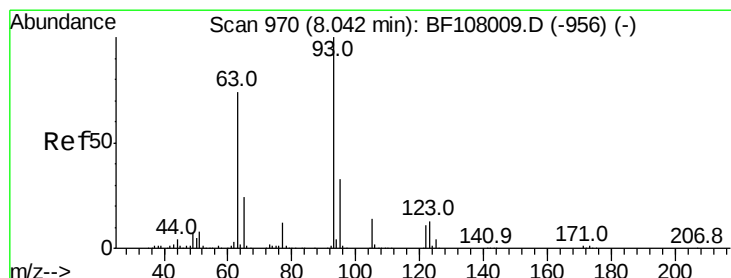
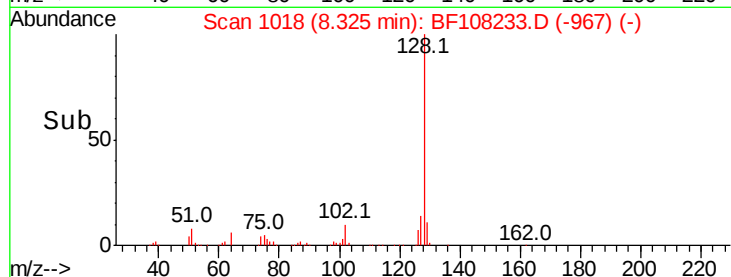
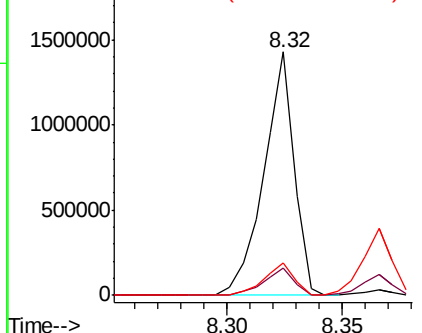


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 36.680 ng
RT: 8.06 min Scan# 973
Delta R.T. 0.02 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

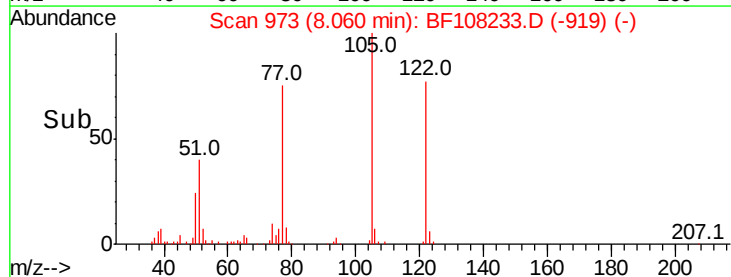
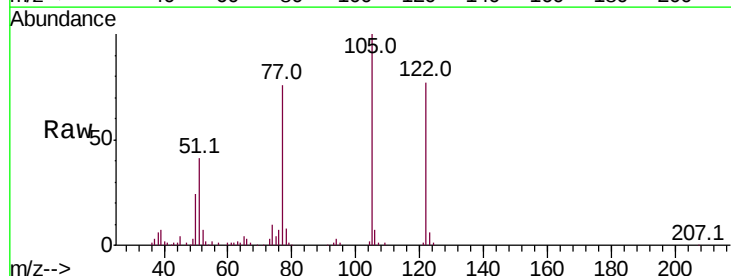
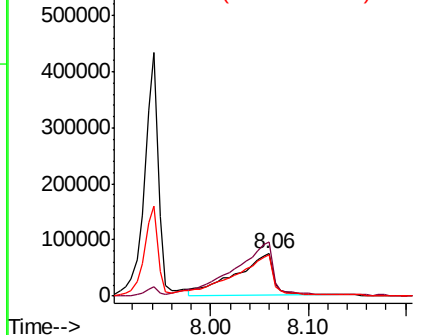
Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.5	101.1	141.1
77	98.6	70.7	110.7

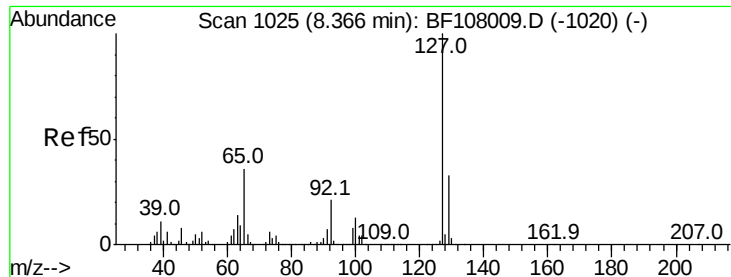
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





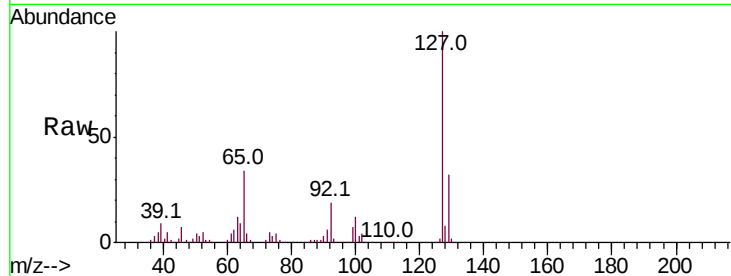
#33
4-Chloroaniline
Concen: 26.857 ng
RT: 8.37 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Instrument :
BNA_F
ClientSampleId :
PB112108BS

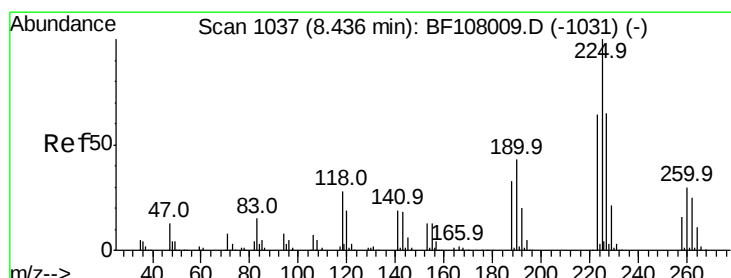
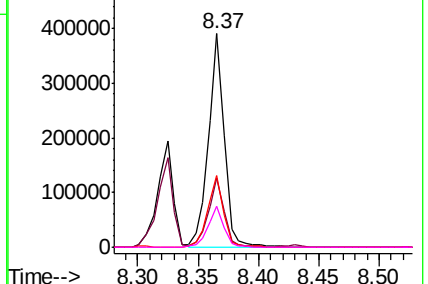
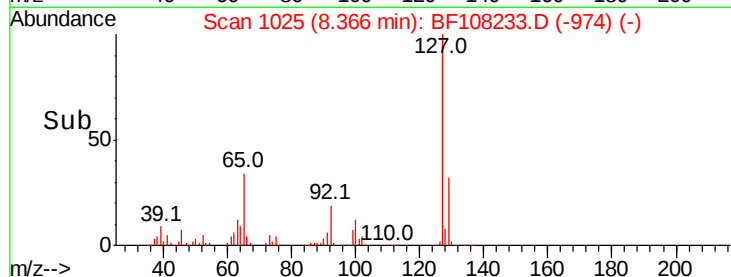
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	25.9	38.9		
65	33.8	25.0	37.4		
92	19.0	15.2	22.8		

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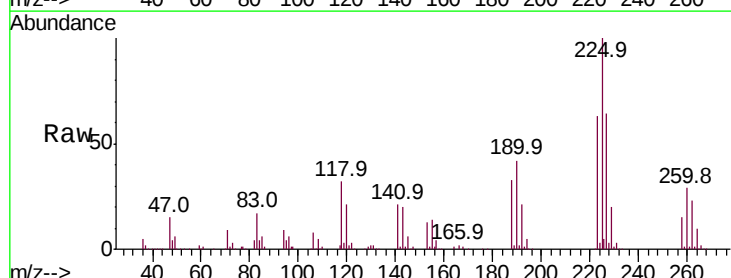


Abundance Ion 127.00 (126.70 to 127.70): E
600000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

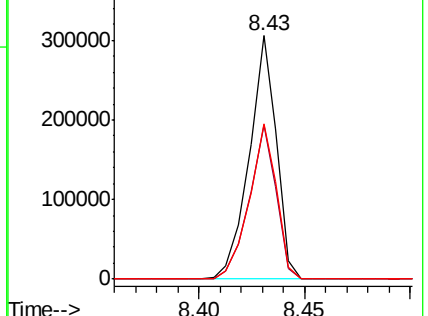
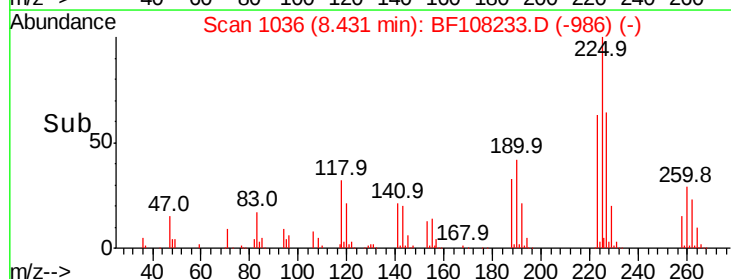


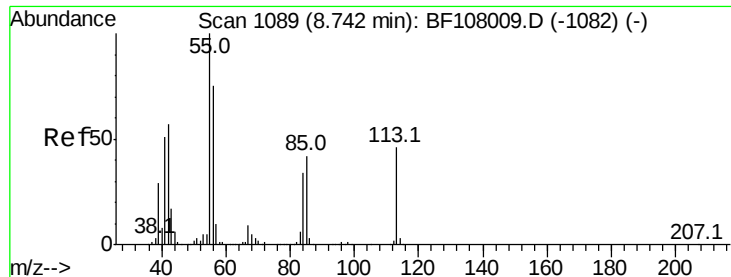
#34
Hexachlorobutadiene
Concen: 42.372 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	50.6	76.0		
227	63.5	51.9	77.9		



Abundance Ion 225.00 (224.70 to 225.70): E
400000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.148 ng/ml

RT: 8.74 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

ClientSampleID :

PB112108BS

Tot Ion:113 Resp: 122342

Ion Ratio Lower Upper

113 100

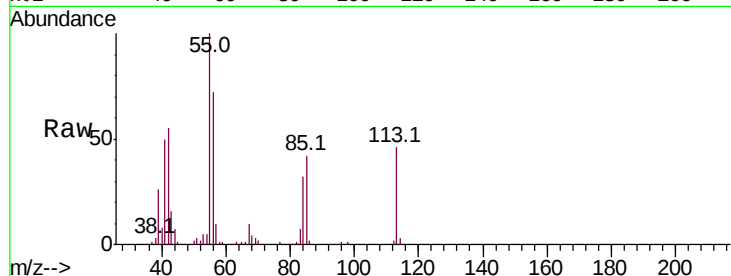
55 217.7 163.3 203.3#

56 155.9 115.7 155.7#

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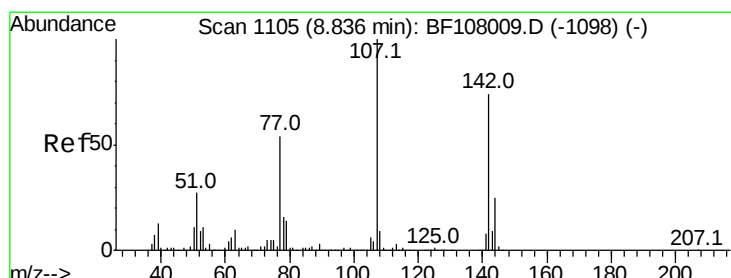
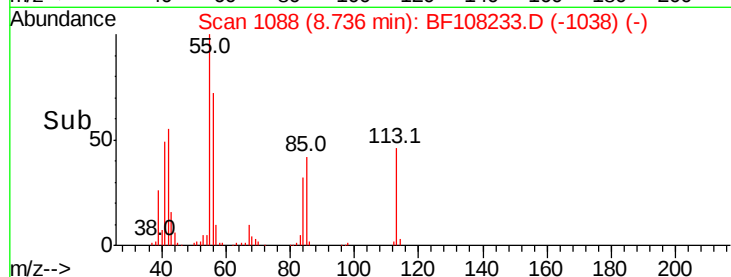
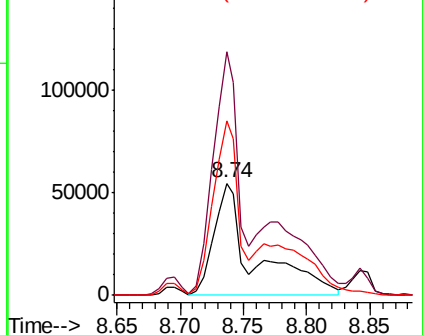
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 42.754 ng/ml

RT: 8.84 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

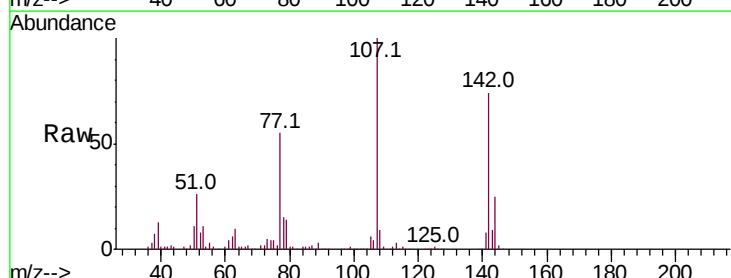
Tgt Ion:107 Resp: 427217

Ion Ratio Lower Upper

107 100

144 25.0 20.5 30.7

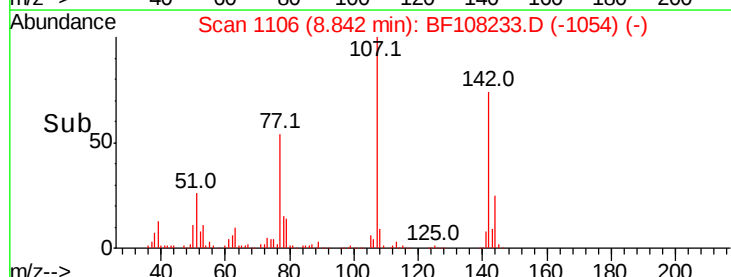
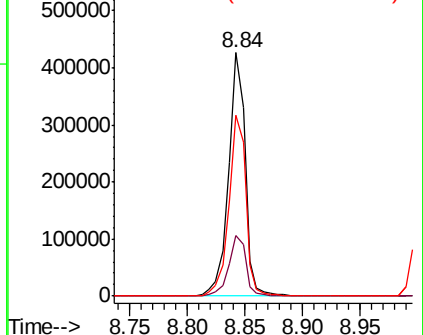
142 74.4 62.0 93.0

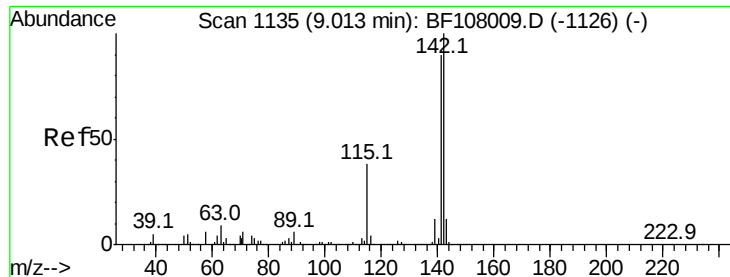


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.617 ng

RT: 9.01 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BF108233.D

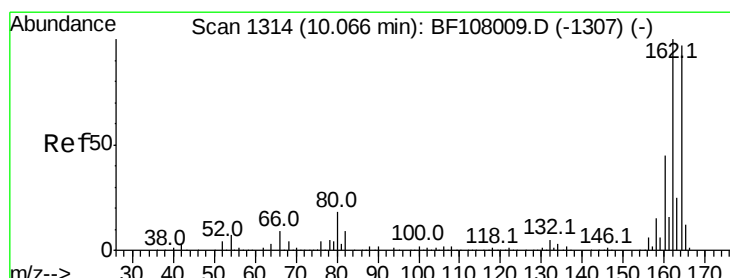
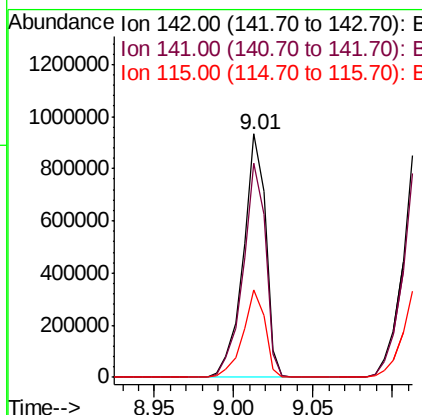
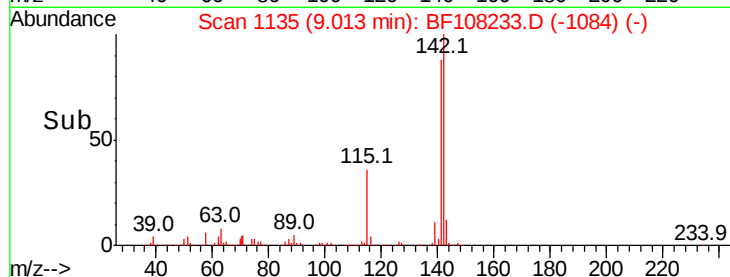
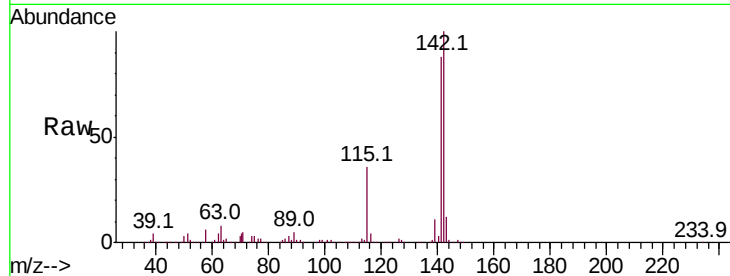
Acq: 17 Aug 2018 10:31

Instrument :
BNA_F
ClientSampleId :
PB112108BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.8	106.2
115	35.7	26.1	39.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

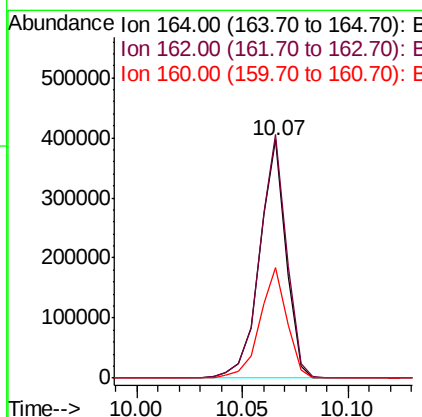
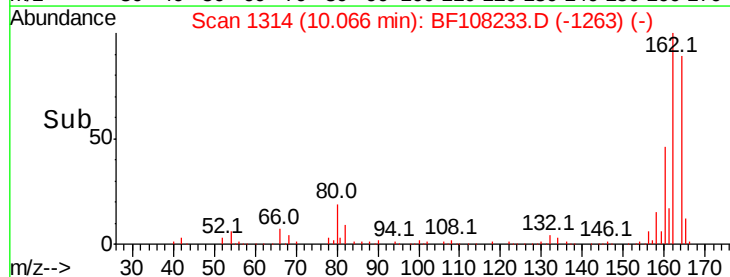
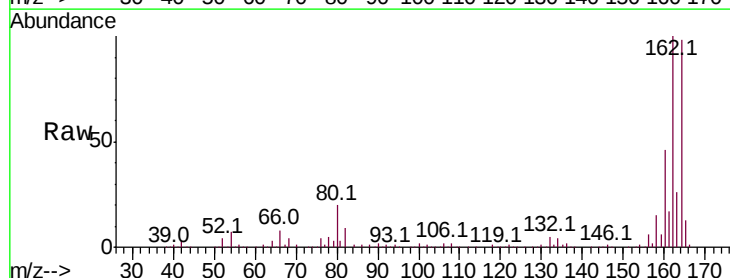
RT: 10.07 min Scan# 1314

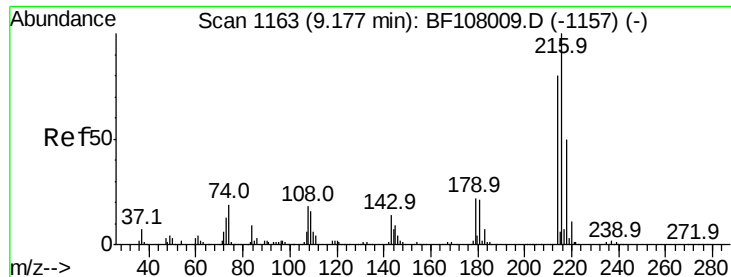
Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	46.6	38.3	57.5





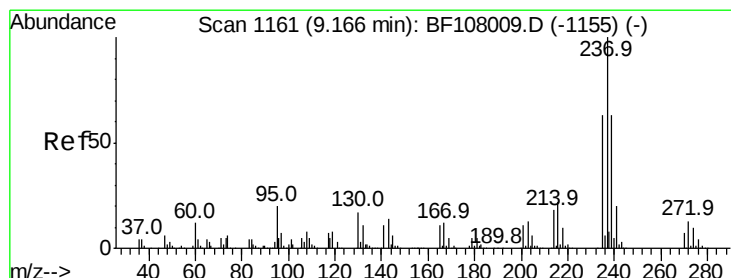
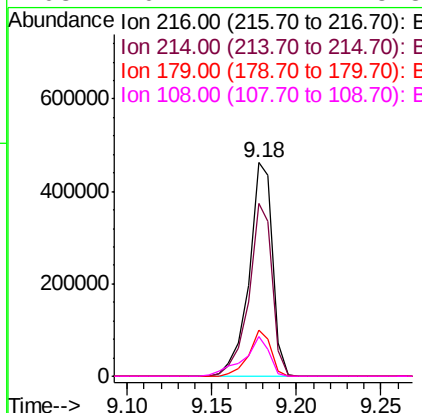
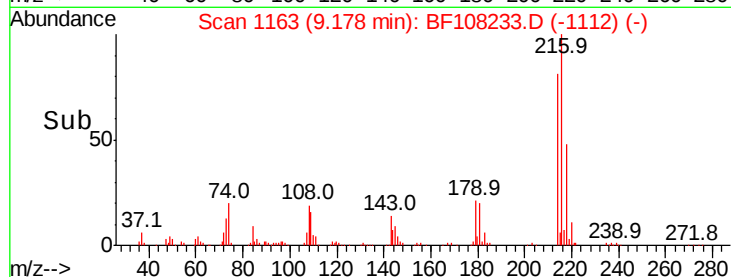
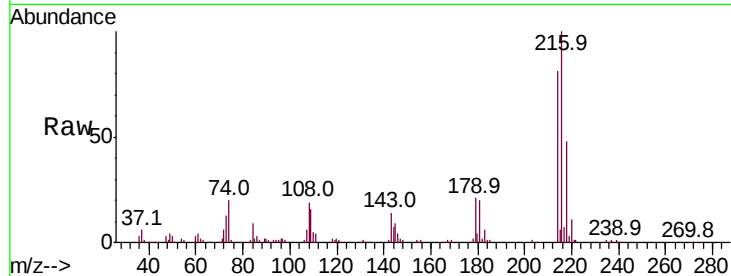
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.558 ng
 RT: 9.18 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB112108BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	450698		
214	79.6	63.0	94.4	
179	20.5	18.1	27.1	
108	20.4	17.2	25.8	

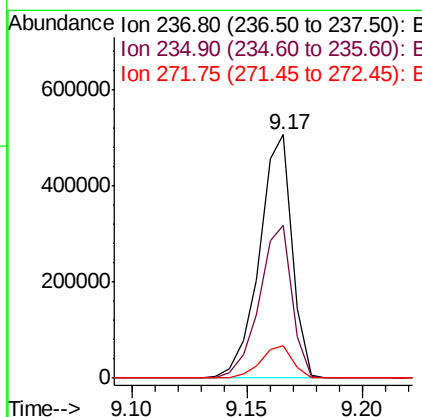
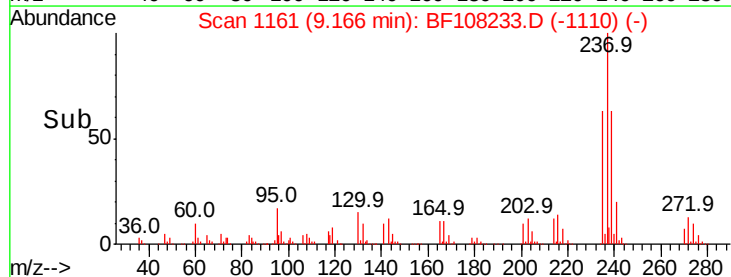
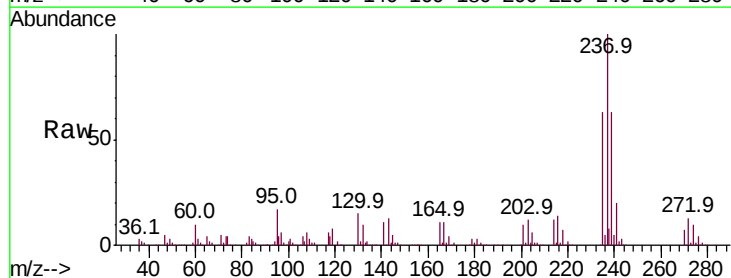
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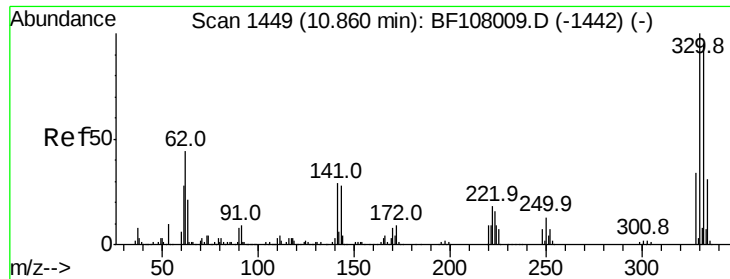
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#40
 Hexachlorocyclopentadiene
 Concen: 73.249 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	501053		
235	62.9	44.8	84.8	
272	13.4	0.0	33.3	





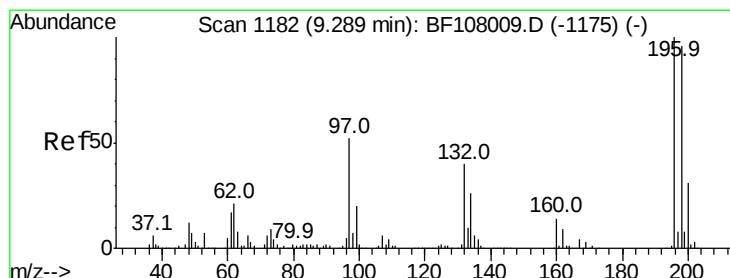
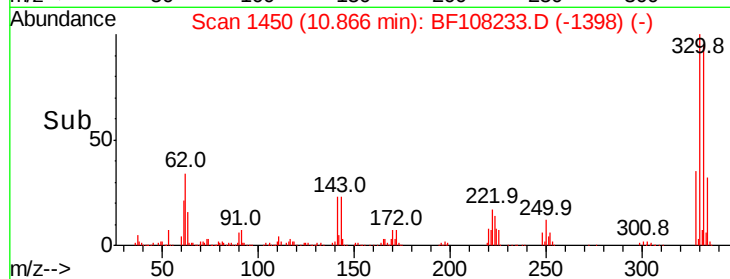
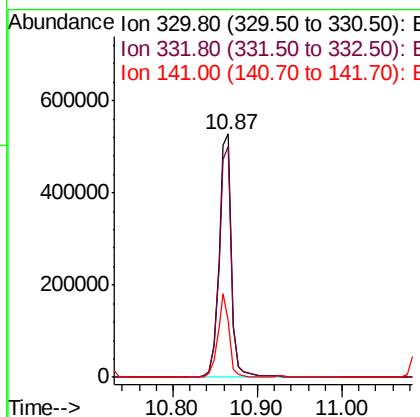
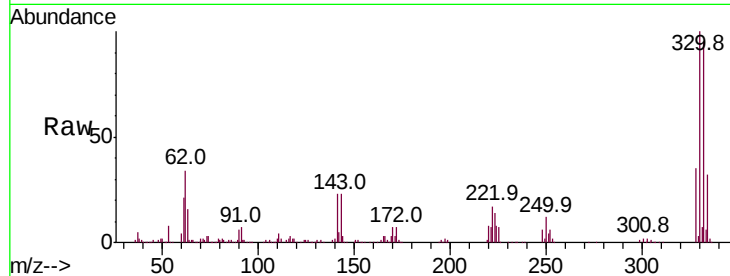
#41
 2,4,6-Tribromophenol
 Concen: 160.395 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB112108BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.2	77.0	115.6	
141	31.8	29.9	44.9	

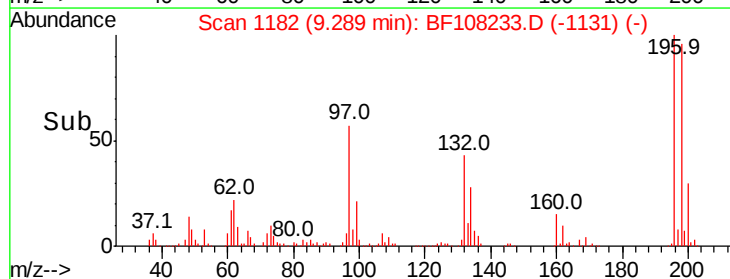
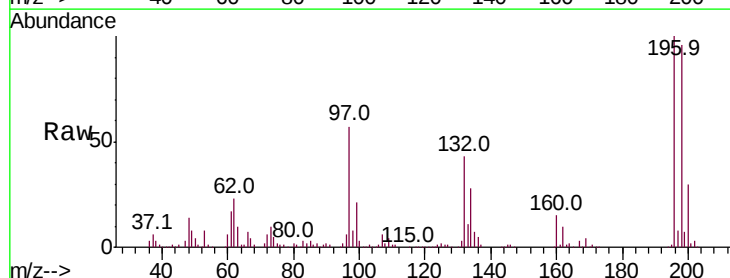
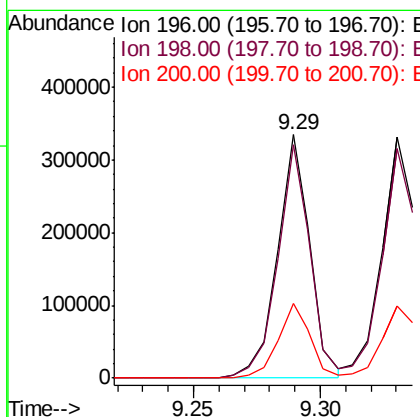
Manual Integrations
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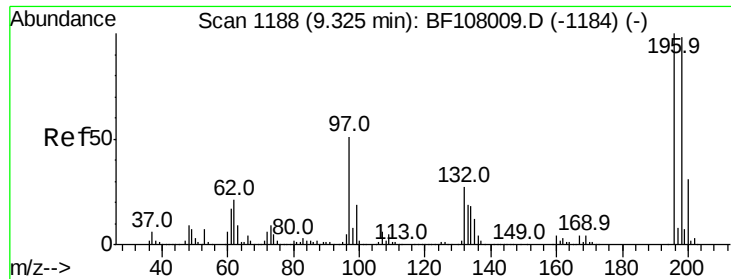
Sohil
 8/20/2018 12:48:15 PM



#42
 2,4,6-Trichlorophenol
 Concen: 45.549 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.6	75.7	113.5	
200	30.5	24.5	36.7	





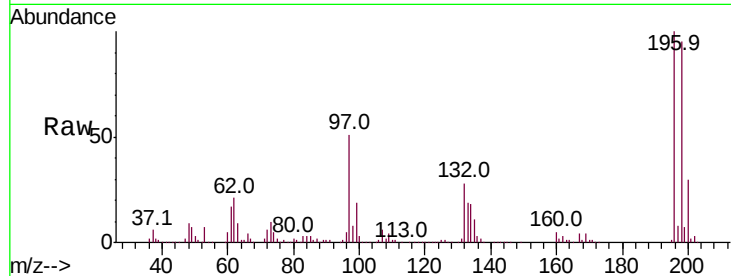
#43
 2,4,5-Trichlorophenol
 Concen: 45.567 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Instrument :
 BNA_F
 ClientSampled :
 PB112108BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	329648		
198	95.3		74.6	112.0
97	50.5		42.9	64.3
132	27.6		26.3	39.5

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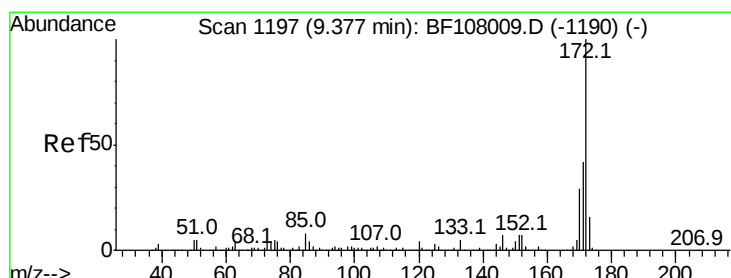
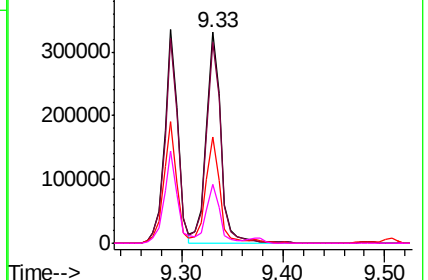
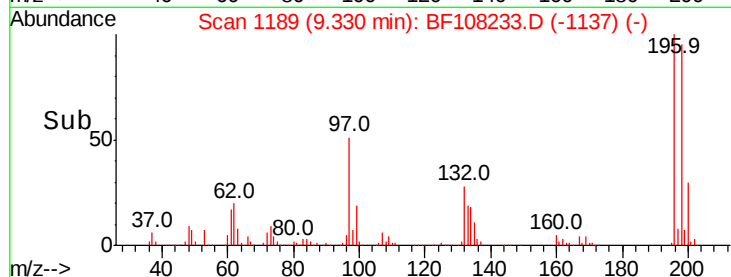
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

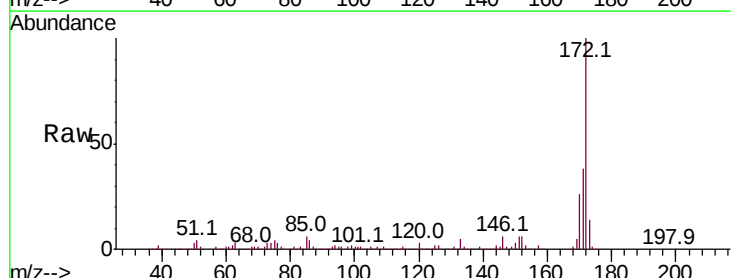
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 84.302 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1810820		
171	37.9		29.7	44.5
170	25.6		19.6	29.4

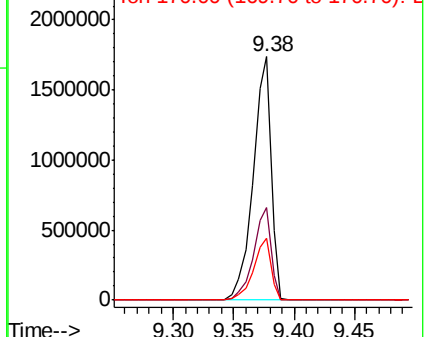
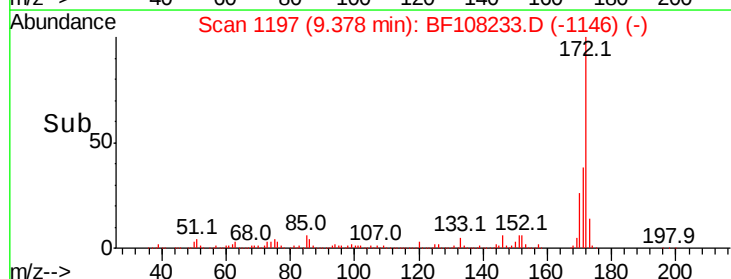


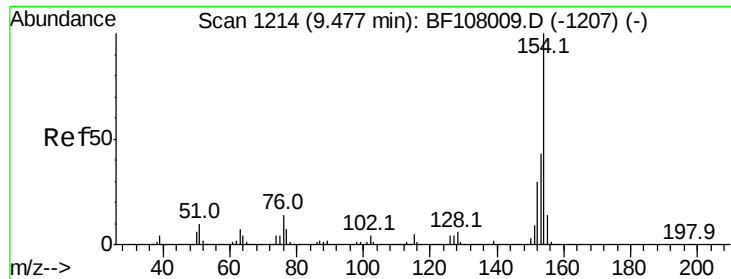
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 43.449 ng

RT: 9.48 min Scan# 1214

Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

ClientSampleId :

PB112108BS

Tot Ion:154 Resp: 1104748

Ion Ratio Lower Upper

154 100

153 41.2 21.3 61.3

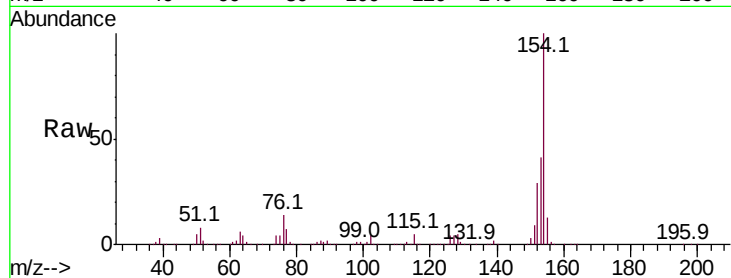
76 13.6 0.0 34.0

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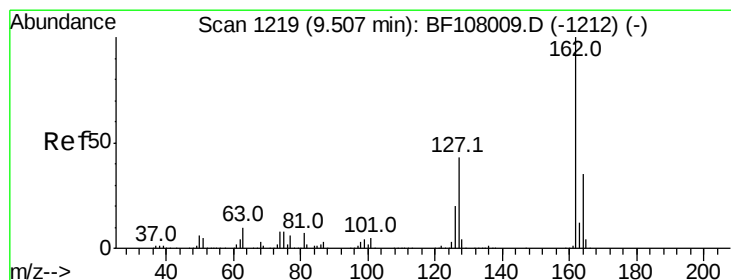
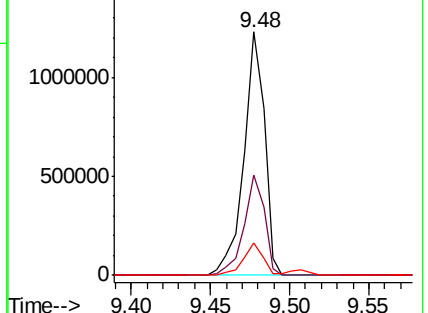
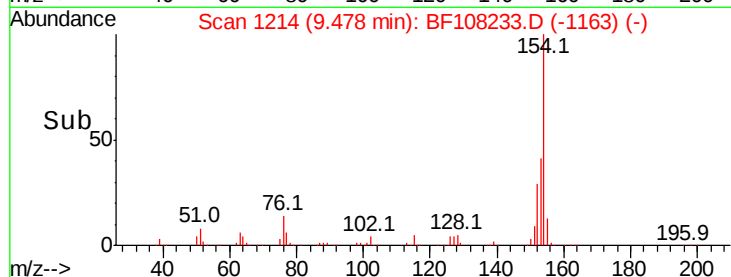
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 42.712 ng

RT: 9.51 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

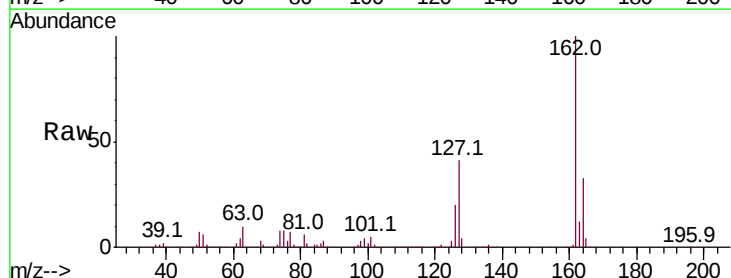
Tgt Ion:162 Resp: 858353

Ion Ratio Lower Upper

162 100

127 41.1 33.9 50.9

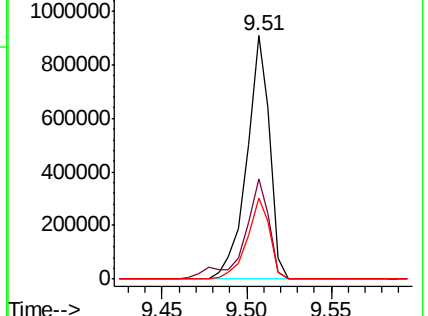
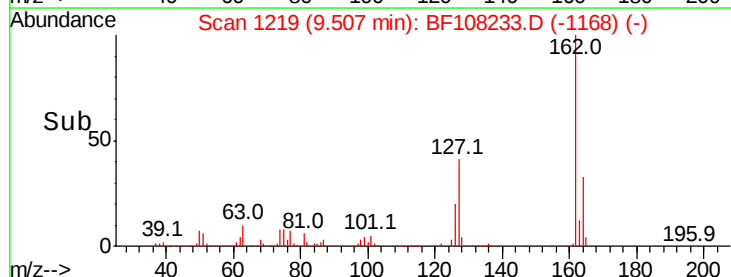
164 33.2 26.5 39.7

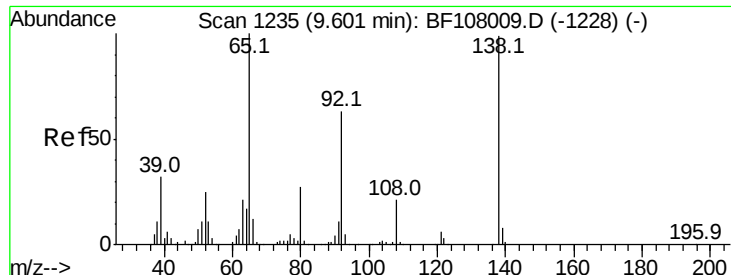


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





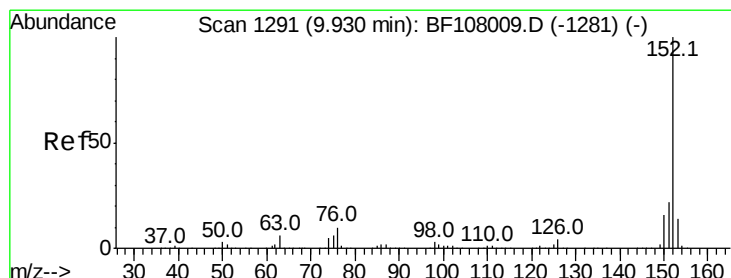
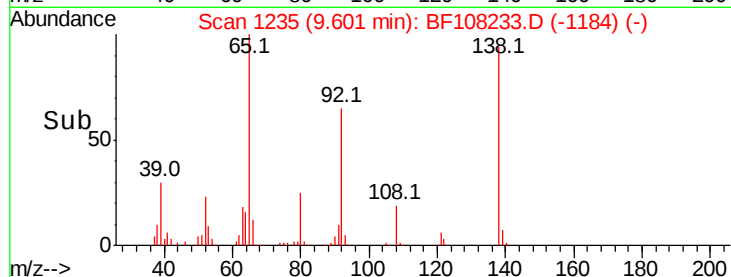
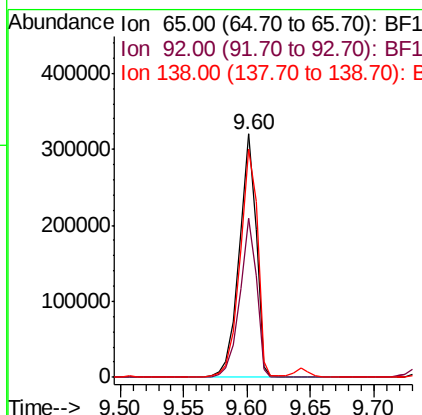
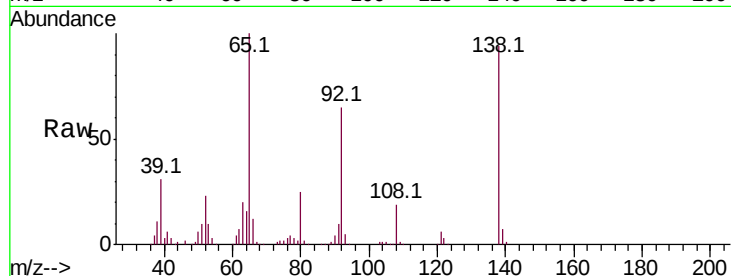
#47
2-Nitroaniline
Concen: 45.137 ng
RT: 9.60 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Instrument :
BNA_F
ClientSampleId :
PB112108BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.3	55.8	83.6
138	93.8	91.2	136.8

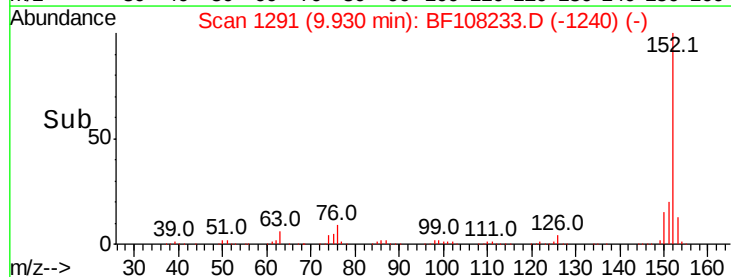
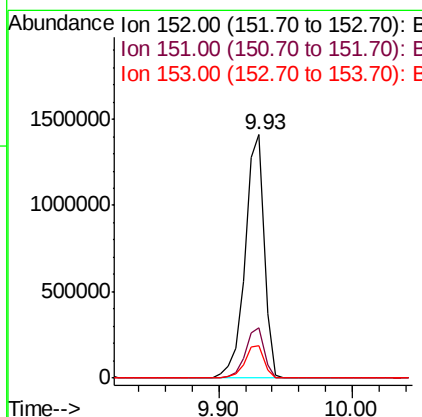
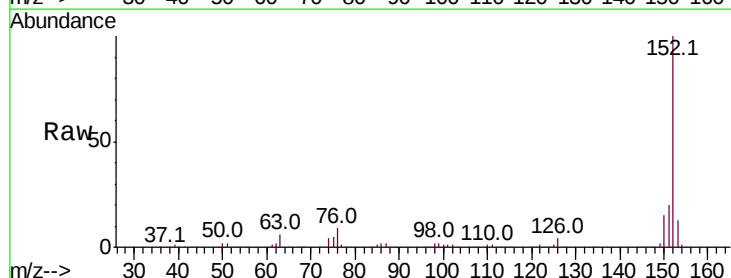
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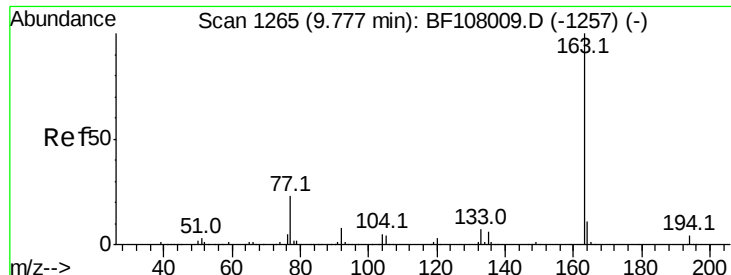
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#48
Acenaphthylene
Concen: 43.442 ng
RT: 9.93 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

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





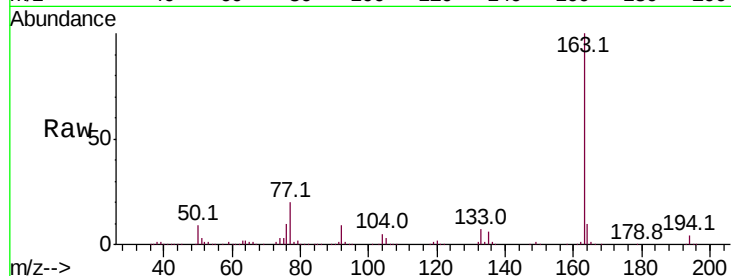
#49
 Dimethylphthalate
 Concen: 41.879 ng
 RT: 9.78 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB112108BS

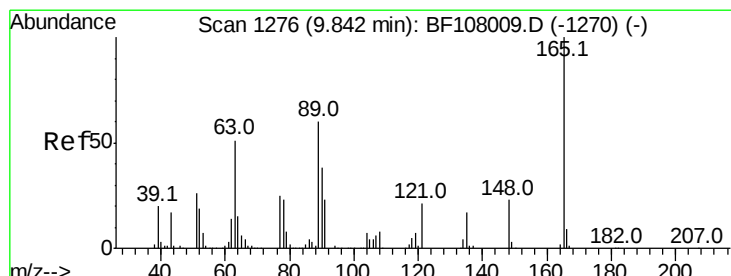
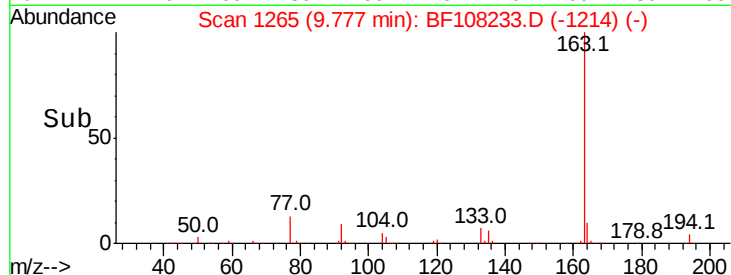
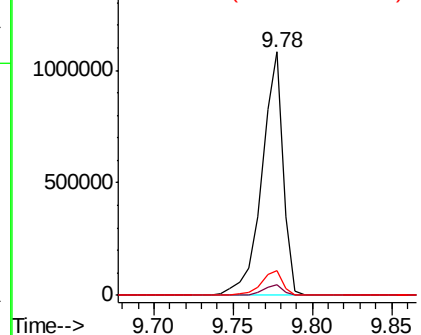
Tot Ion	163	Resp	1006022
Ion Ratio	Lower	Upper	
163	100		
194	4.4	2.7	4.1#
164	10.3	8.2	12.2

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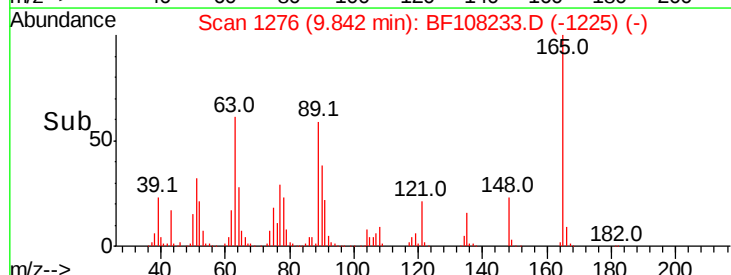
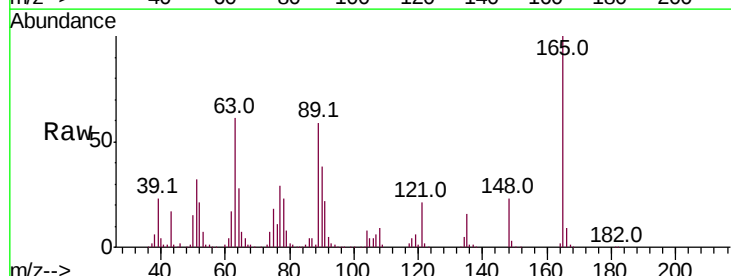
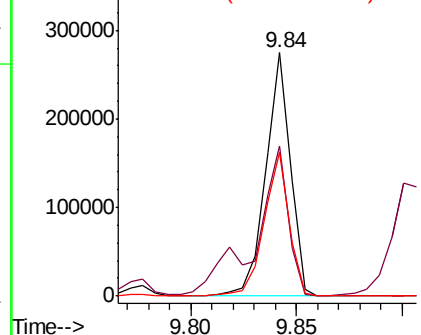
Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

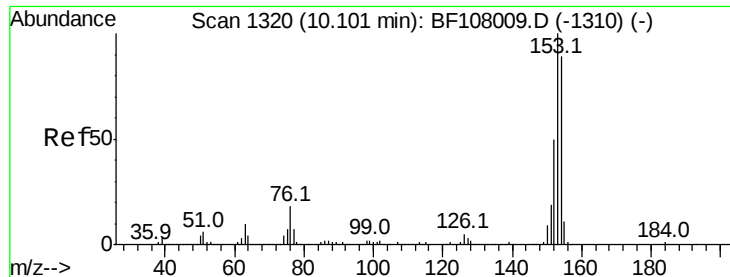


#50
 2,6-Dinitrotoluene
 Concen: 44.819 ng
 RT: 9.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Tgt Ion	165	Resp	225255
Ion Ratio	Lower	Upper	
165	100		
63	61.5	44.7	67.1
89	59.0	44.0	66.0

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 45.745 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

ClientSampleId :

PB112108BS

Tot Ion:154 Resp: 890170

Ion Ratio Lower Upper

154 100

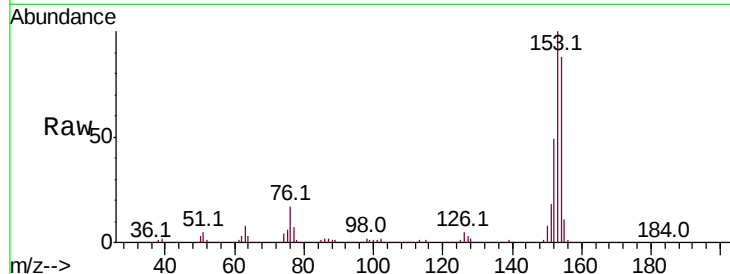
153 113.1 91.2 136.8

152 55.3 43.8 65.8

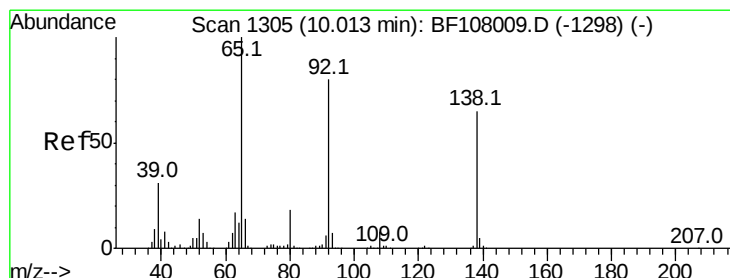
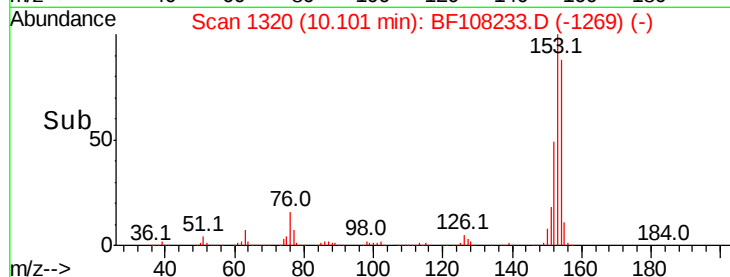
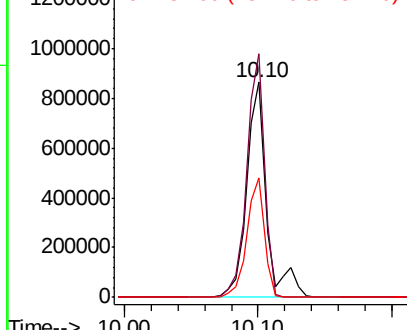
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.440 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

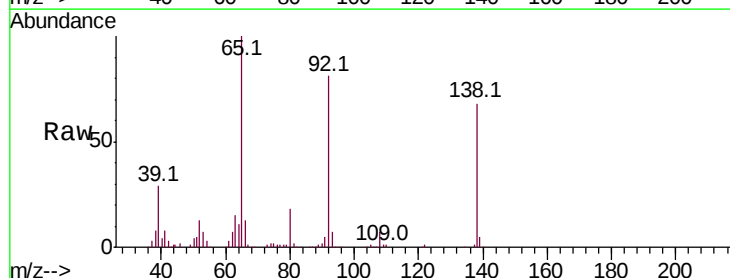
Tgt Ion:138 Resp: 178389

Ion Ratio Lower Upper

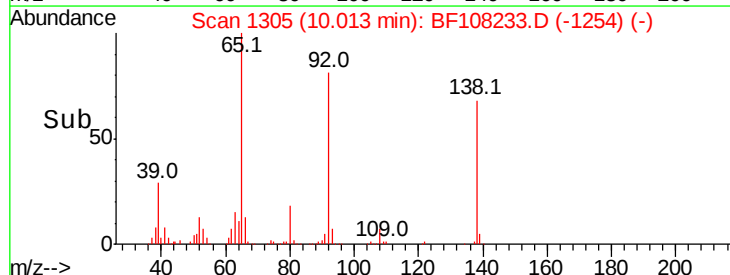
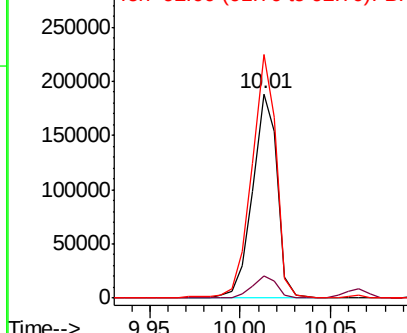
138 100

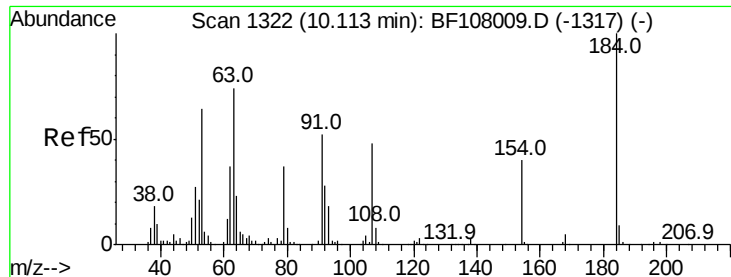
108 10.7 9.4 14.0

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





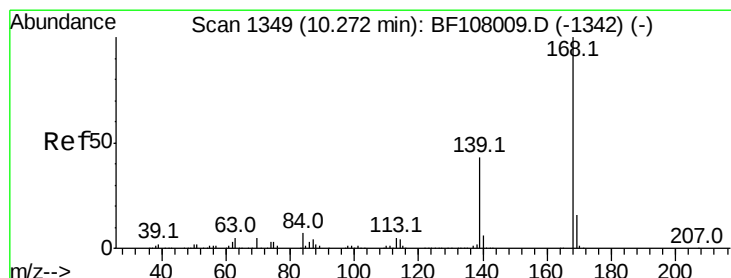
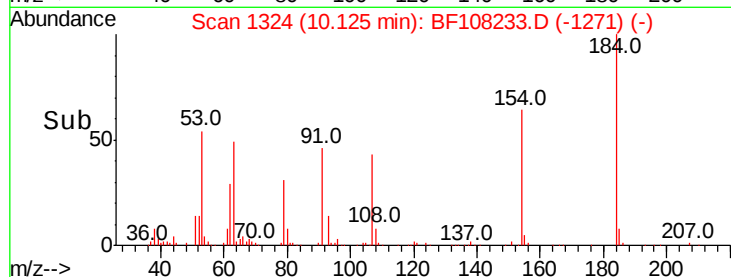
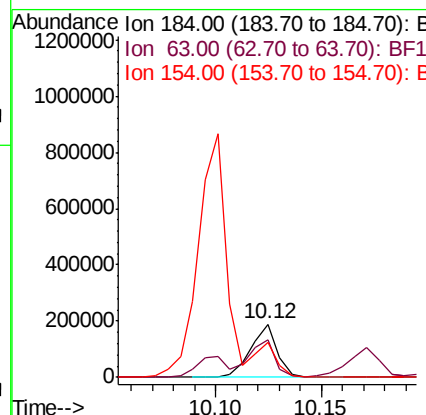
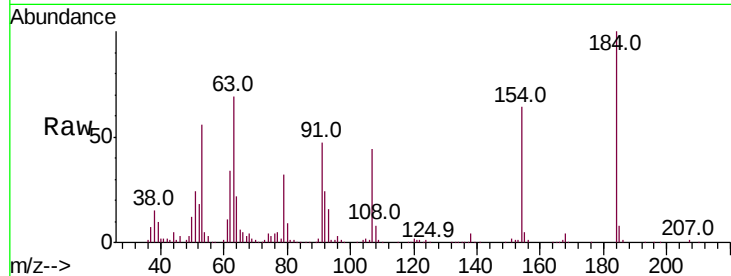
#53
2,4-Dinitrophenol
Concen: 86.980 ng
RT: 10.12 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Instrument :
BNA_F
ClientSampleId :
PB112108BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	164865		
63	69.0	54.2	81.2	
154	64.2	184.0	276.0	

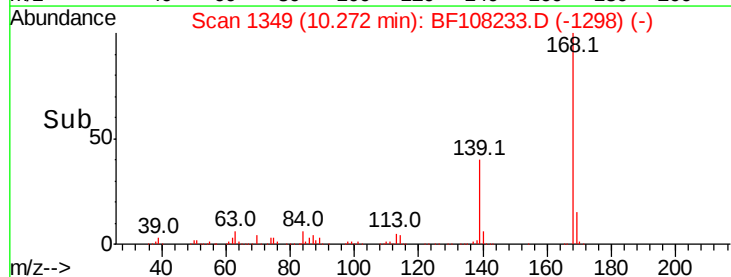
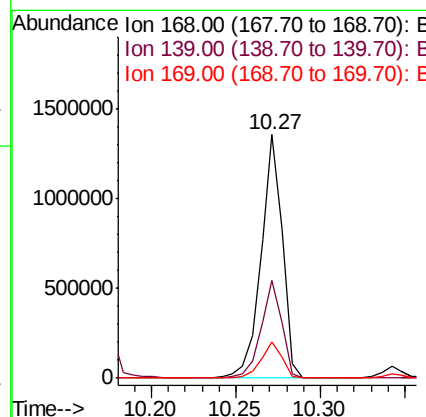
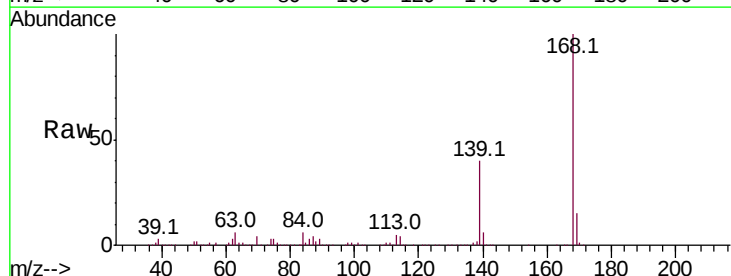
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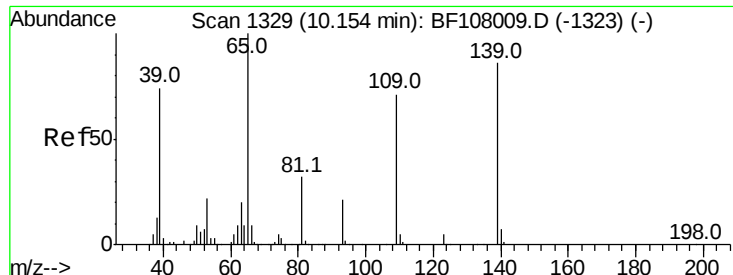
Sohil
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#54
Dibenzofuran
Concen: 42.356 ng
RT: 10.27 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1194097		
139	40.3	30.1	45.1	
169	15.1	10.9	16.3	





#55

4-Nitrophenol

Concen: 82.548 ng

RT: 10.17 min Scan# 1332

Delta R.T. 0.02 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

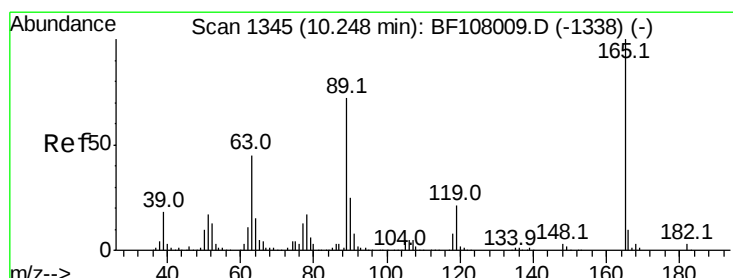
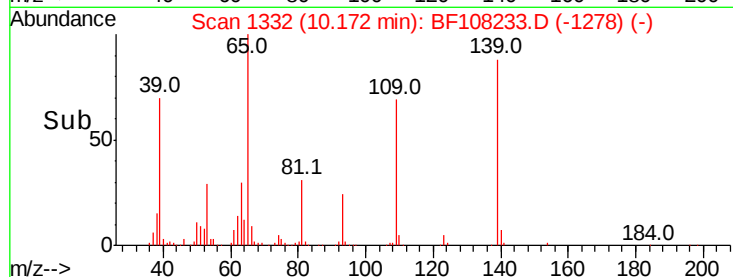
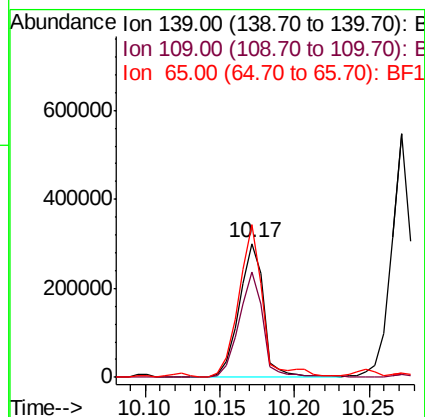
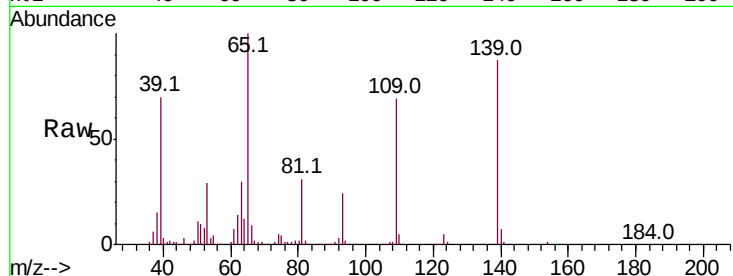
ClientSampleId :

PB112108BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	78.7	48.4	88.4
65	114.5	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 46.574 ng

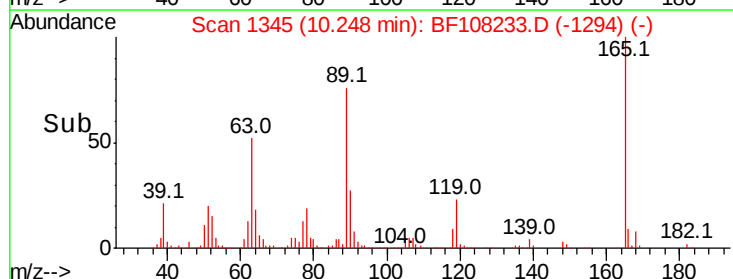
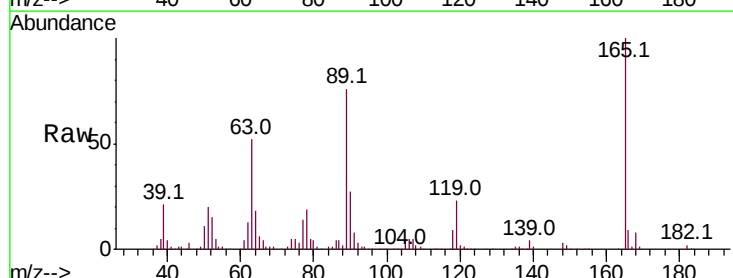
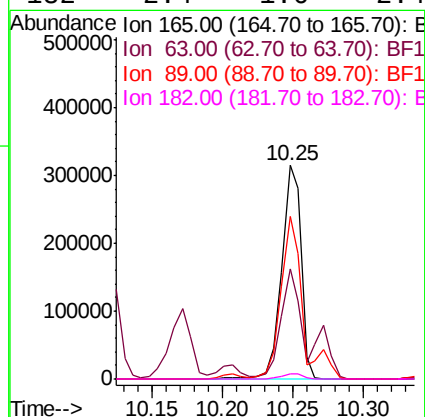
RT: 10.25 min Scan# 1345

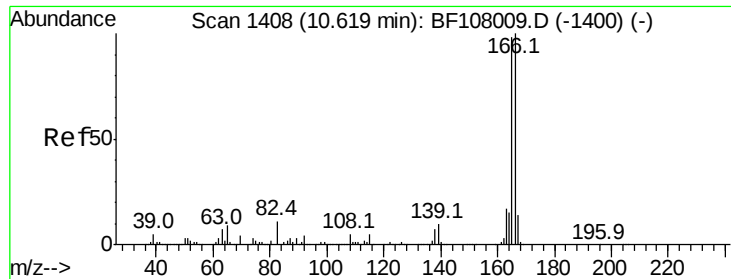
Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.8	36.4	54.6
89	76.2	57.8	86.6
182	2.4	1.6	2.4





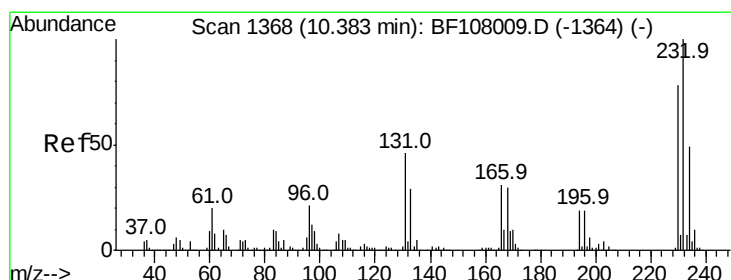
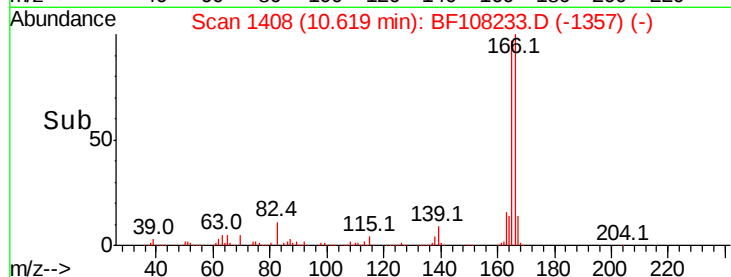
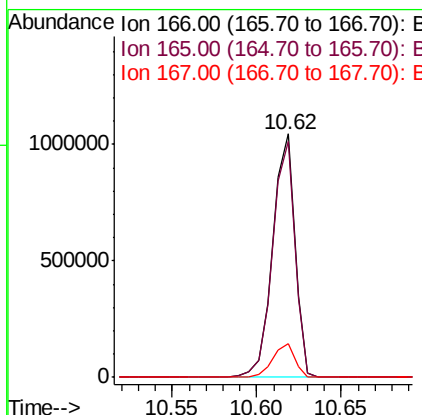
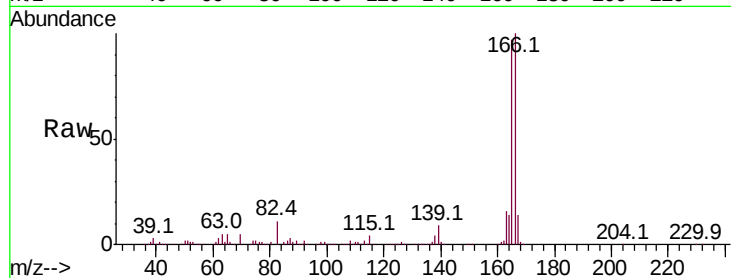
#57
 Fluorene
 Concen: 42.707 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Instrument :
 BNA_F
 ClientSampled :
 PB112108BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.2	79.8	119.8
167	13.6	10.6	16.0

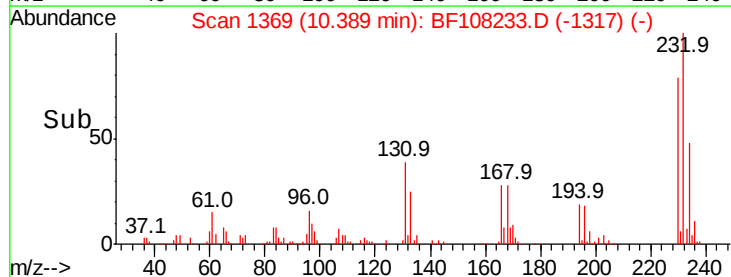
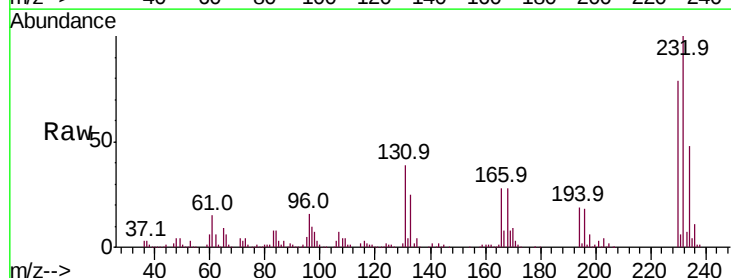
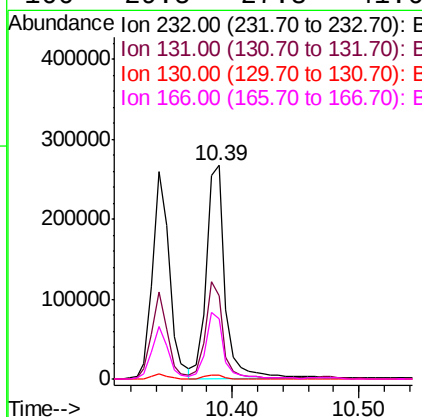
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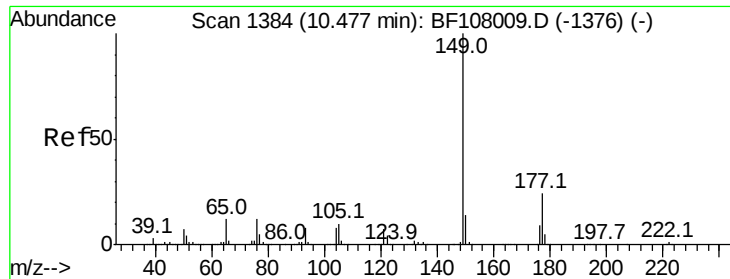
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.652 ng
 RT: 10.39 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.8	43.8	65.8#
130	2.1	2.1	3.1#
166	29.5	27.8	41.6





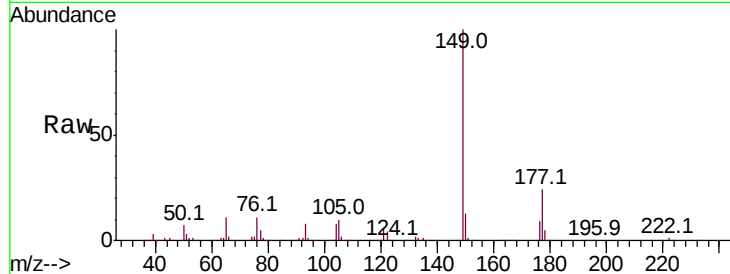
#59
Diethylphthalate
Concen: 41.760 ng
RT: 10.48 min Scan# 1384
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Instrument :
BNA_F
ClientSampled :
PB112108BS

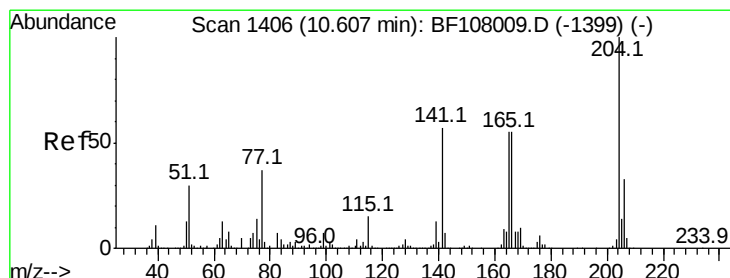
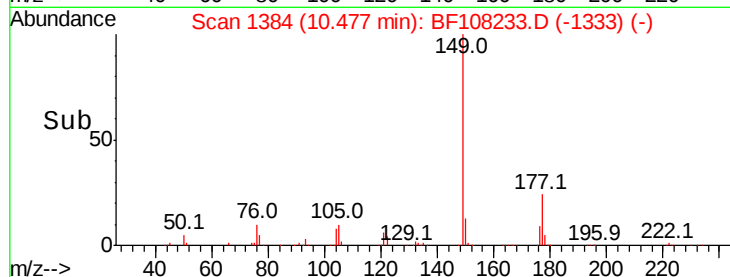
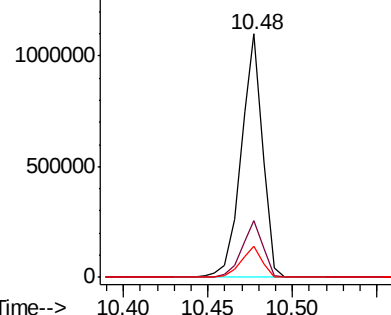
Tot Ion	Ratio	Resp	Lower	Upper
149	100	971398		
177	23.5	16.1	24.1	
150	12.8	10.1	15.1	

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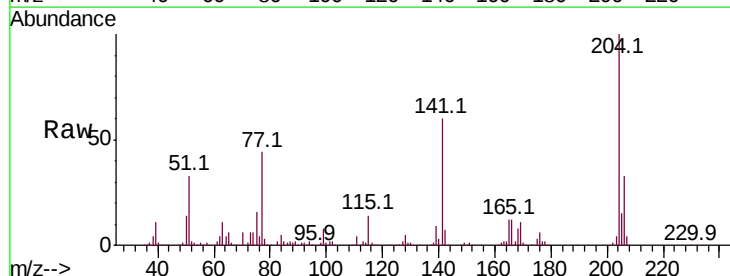


Abundance Ion 149.00 (148.70 to 149.70): E
1500000 Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

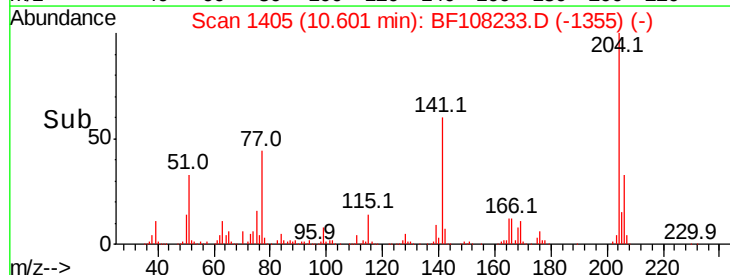
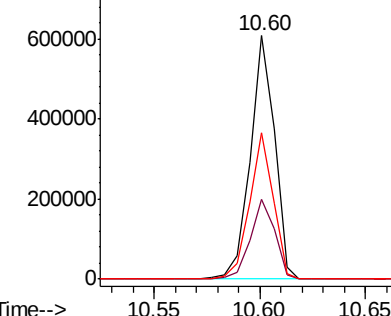


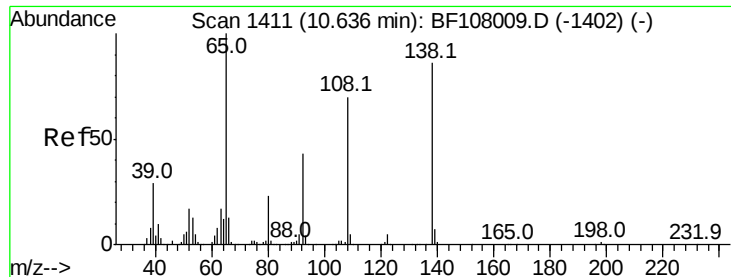
#60
4-Chlorophenyl-phenylether
Concen: 41.899 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	487247		
206	32.9	26.5	39.7	
141	59.9	54.6	81.8	



Abundance Ion 204.00 (203.70 to 204.70): E
800000 Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





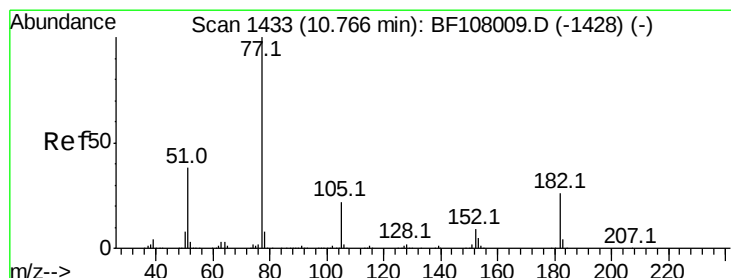
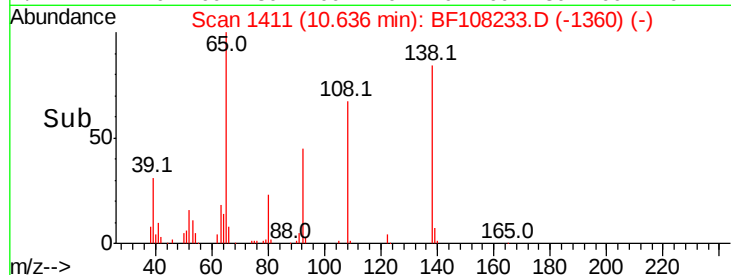
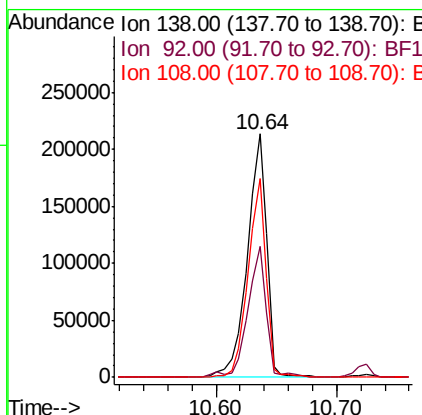
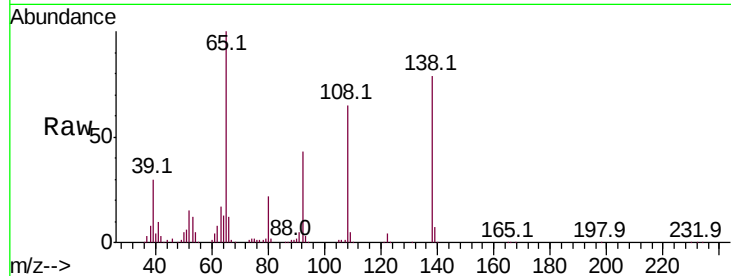
#61
4-Nitroaniline
Concen: 44.109 ng
RT: 10.64 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Instrument :
BNA_F
ClientSampleId :
PB112108BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.8	30.2	70.2
108	81.8	52.5	92.5

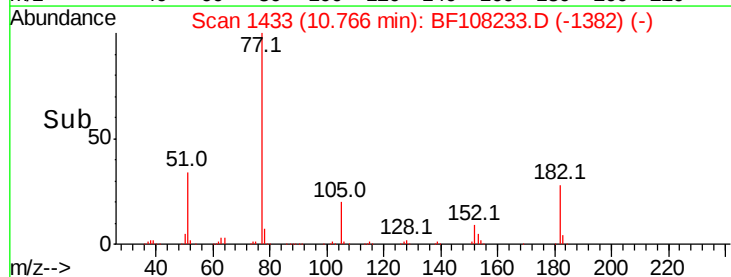
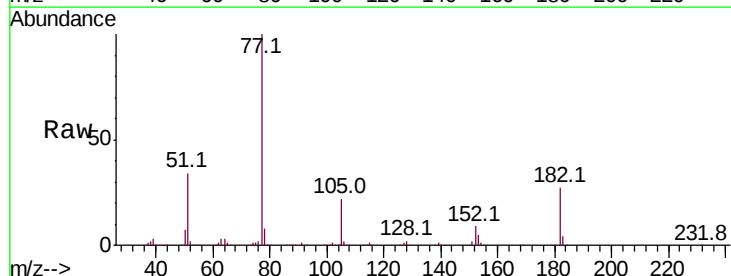
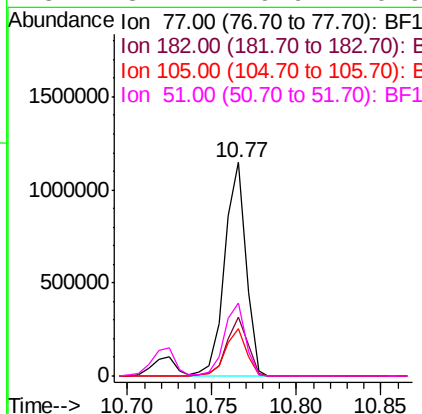
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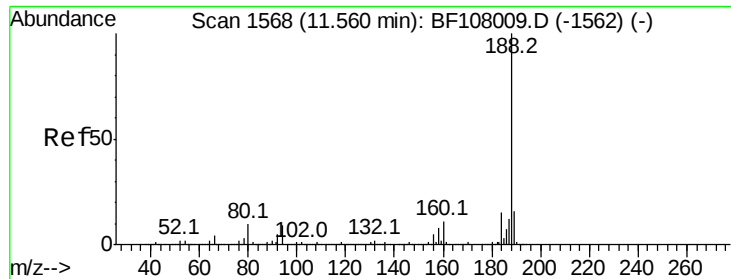
Sohil
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#62
Azobenzene
Concen: 41.783 ng
RT: 10.77 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.4	1.7	41.7
105	22.0	3.0	43.0
51	34.1	9.9	49.9





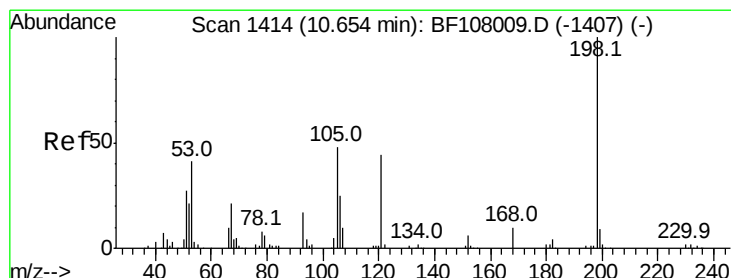
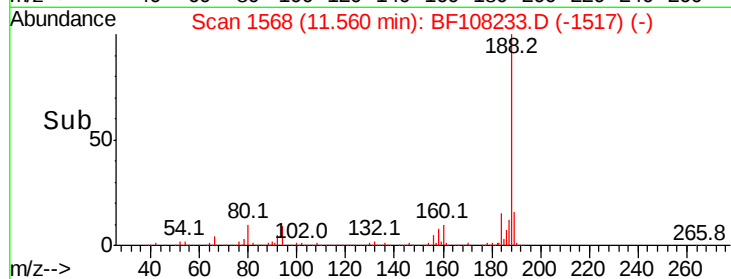
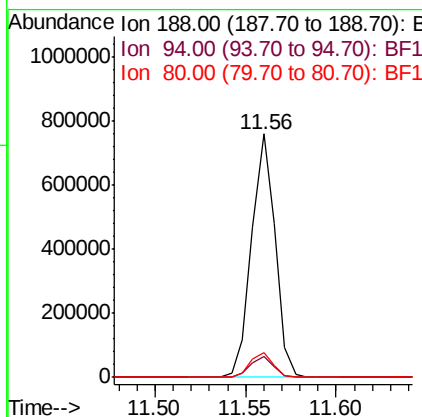
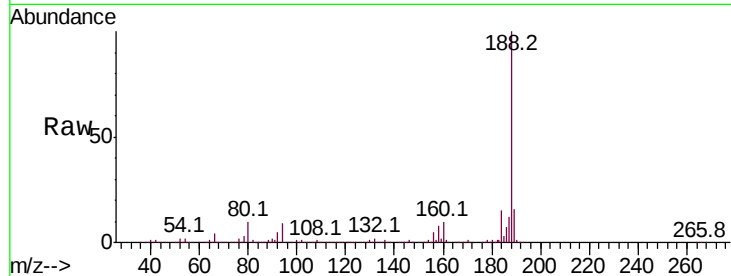
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Instrument :
BNA_F
ClientSampleId :
PB112108BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	687700		
94	8.8		8.5	12.7
80	10.2		9.2	13.8

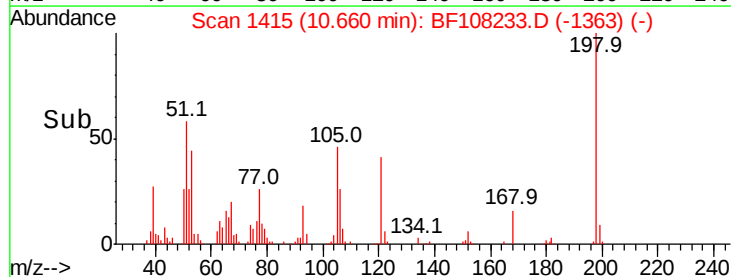
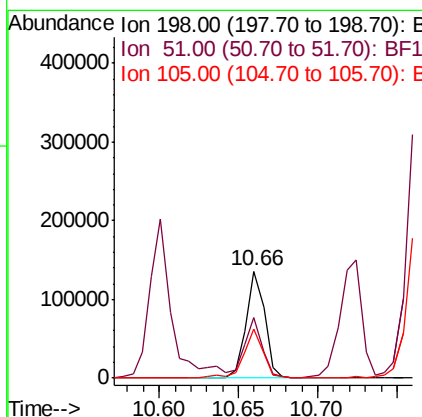
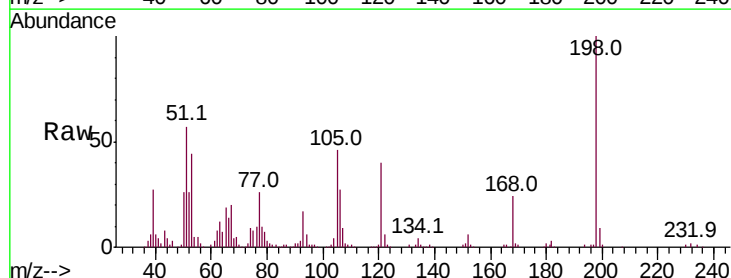
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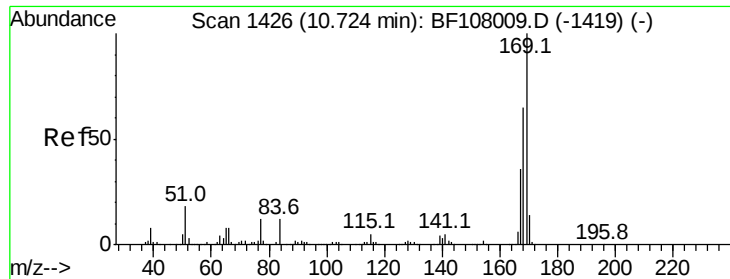
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.939 ng
RT: 10.66 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	112126		
51	56.6		37.7	77.7
105	45.7		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 42.359 ng

RT: 10.72 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

ClientSampleId :

PB112108BS

Tot Ion:169 Resp: 860827

Ion Ratio Lower Upper

169 100

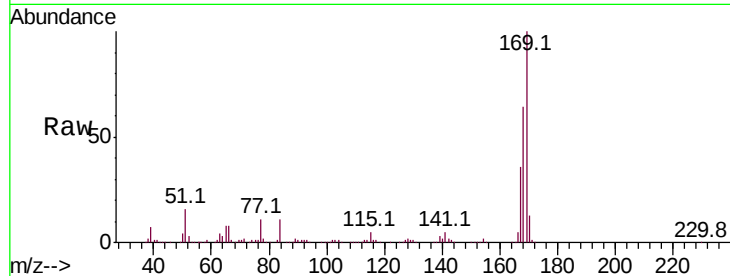
168 64.3 54.4 81.6

167 35.6 29.8 44.6

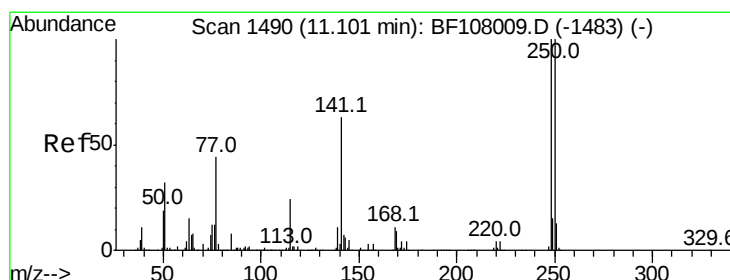
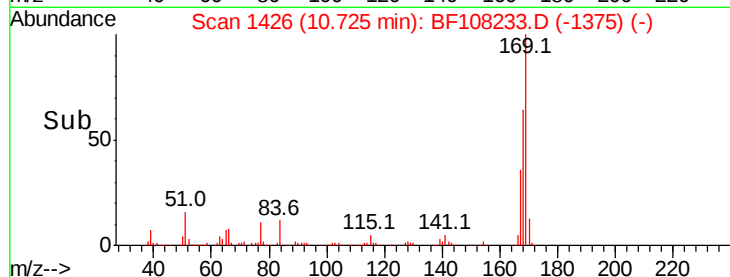
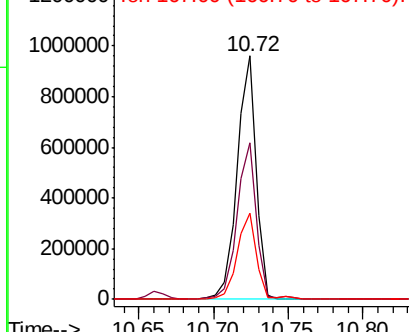
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.253 ng

RT: 11.10 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

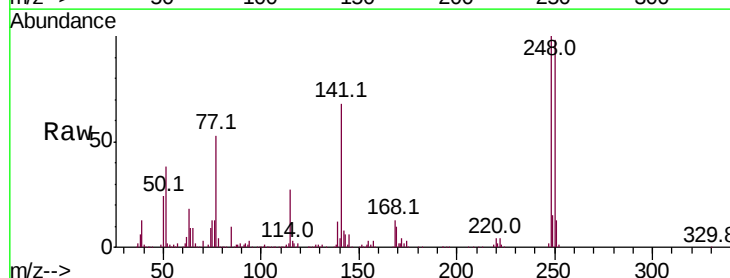
Tgt Ion:248 Resp: 315776

Ion Ratio Lower Upper

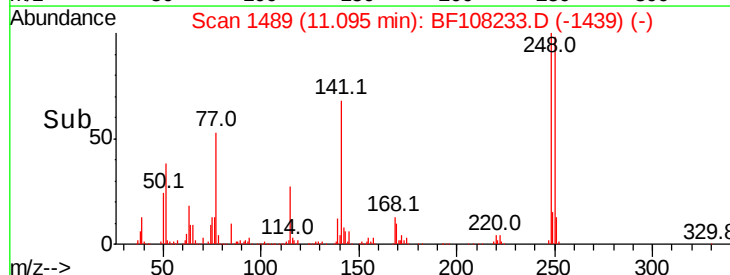
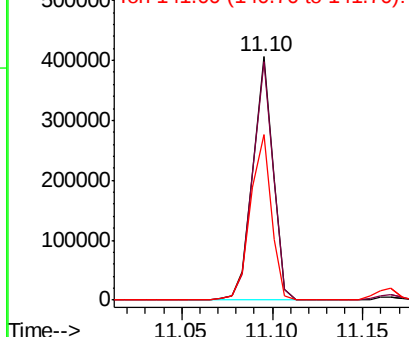
248 100

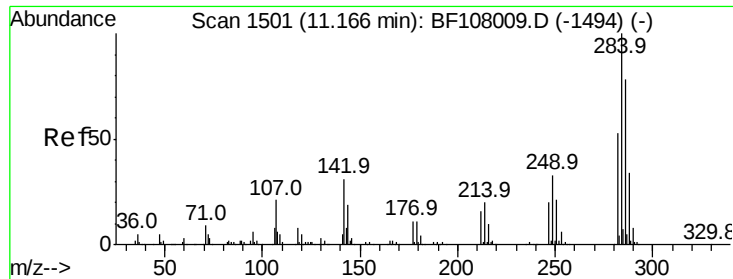
250 97.9 76.9 115.3

141 68.2 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: 42.018 ng

RT: 11.17 min Scan# 1501

Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

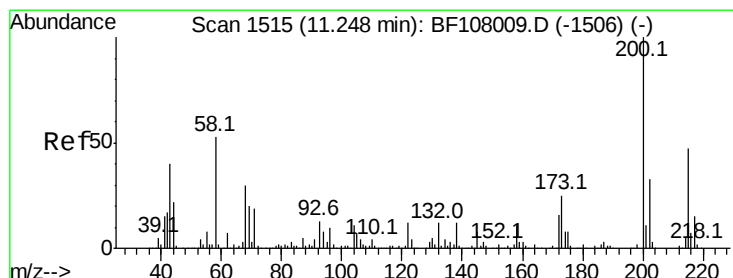
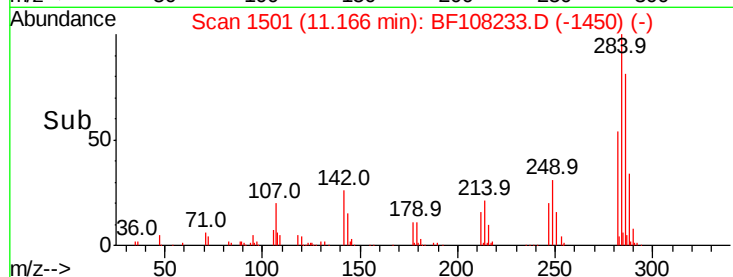
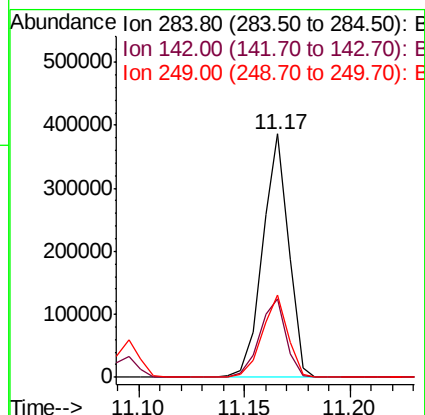
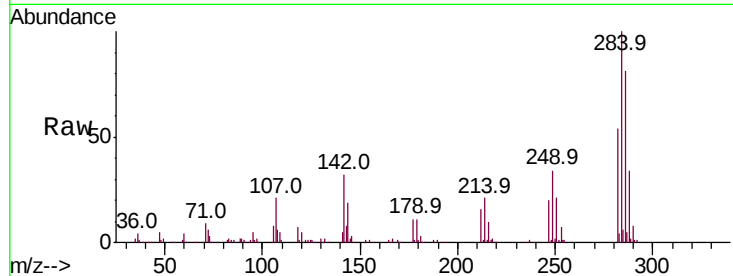
ClientSampleId :

PB112108BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	32.1	34.6	52.0	
249	33.7	24.8	37.2	

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#68

Atrazine

Concen: 43.812 ng

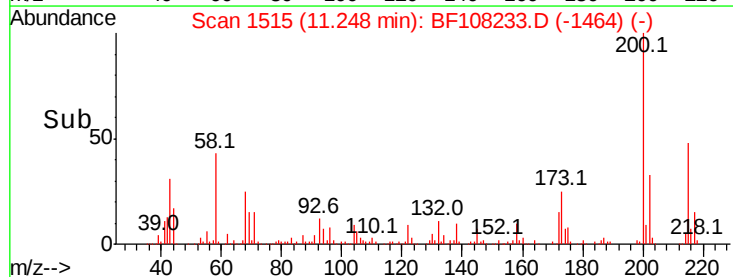
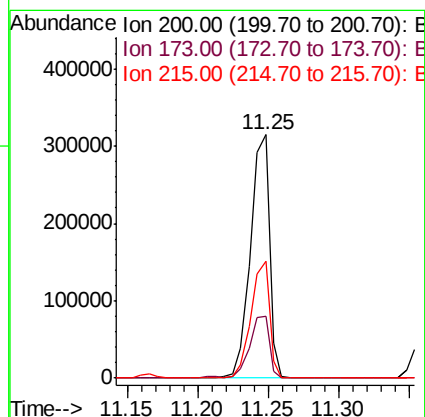
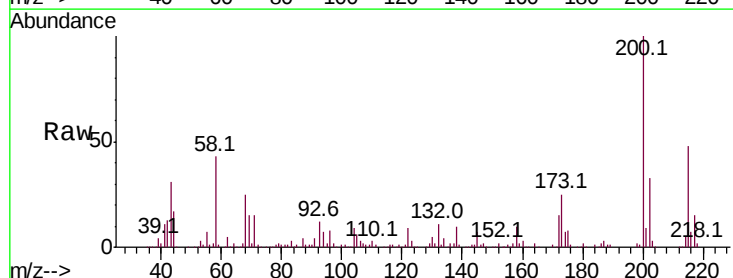
RT: 11.25 min Scan# 1515

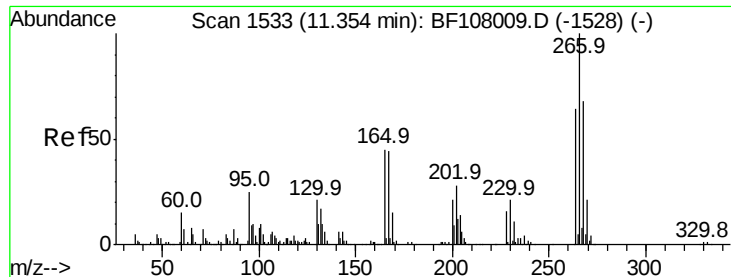
Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.2	8.6	48.6	
215	47.9	25.1	65.1	





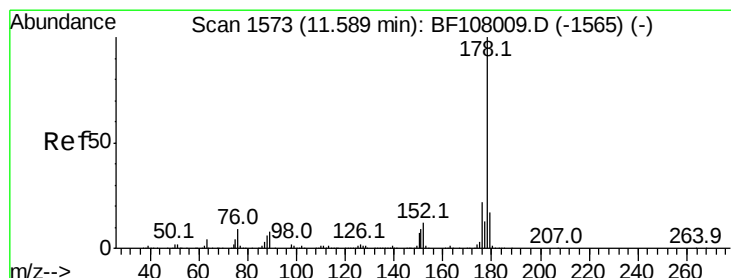
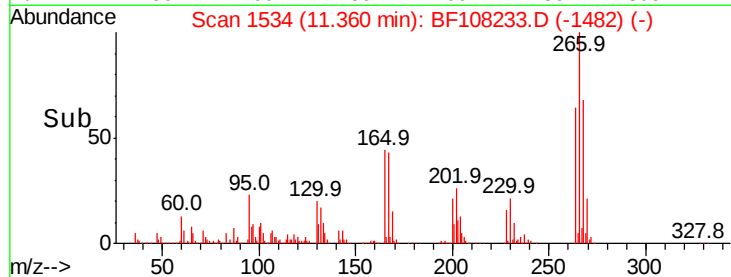
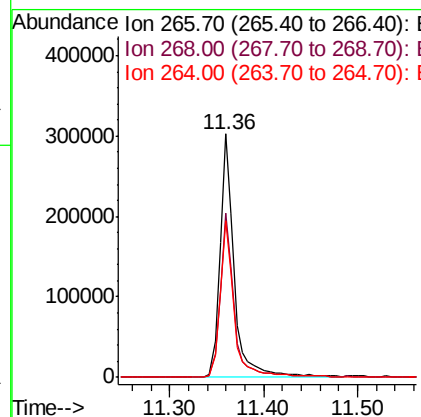
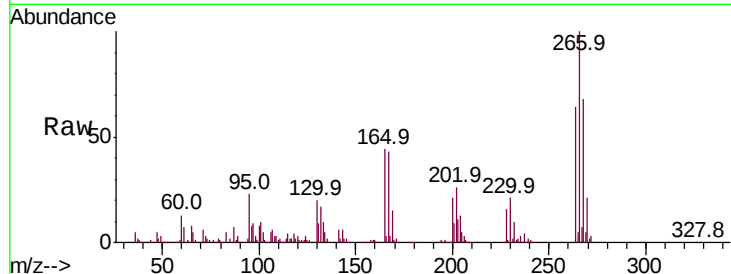
#69
 Pentachlorophenol
 Concen: 86.666 ng
 RT: 11.36 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB112108BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	67.5	51.1	76.7	
264	64.1	49.5	74.3	

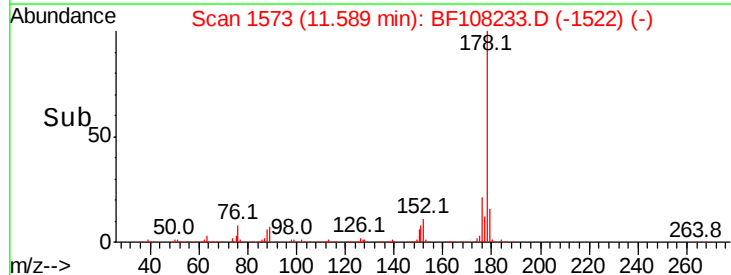
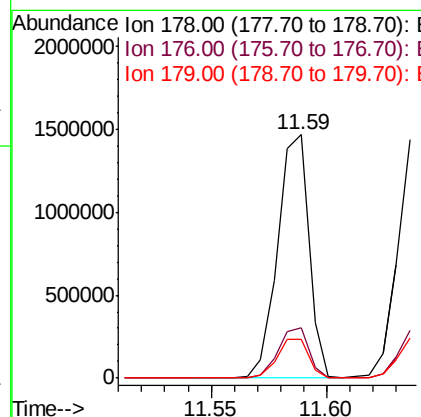
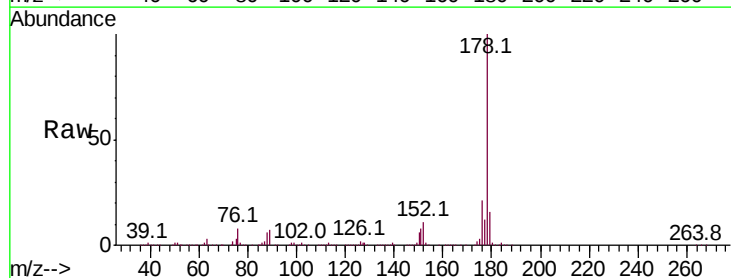
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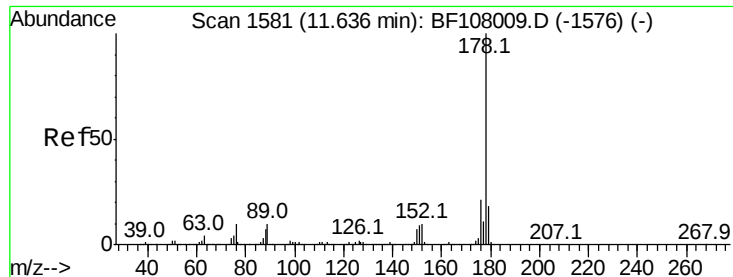
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#70
 Phenanthrene
 Concen: 42.715 ng
 RT: 11.59 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.5	15.8	23.8	
179	16.2	13.0	19.6	





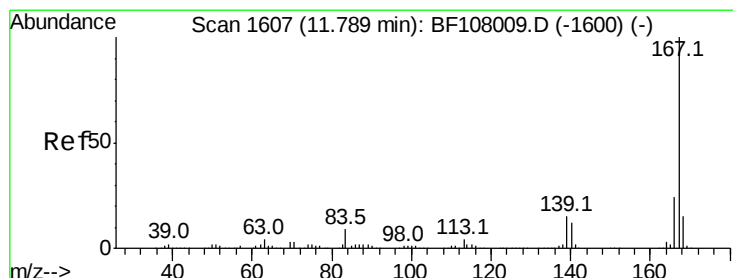
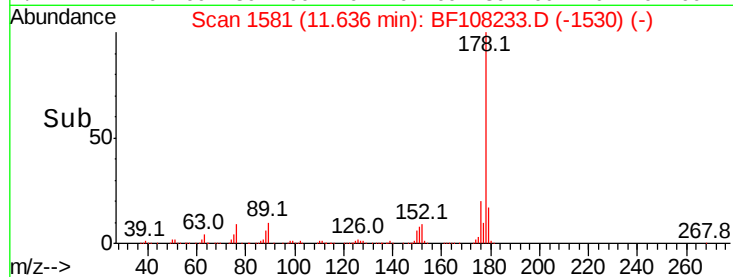
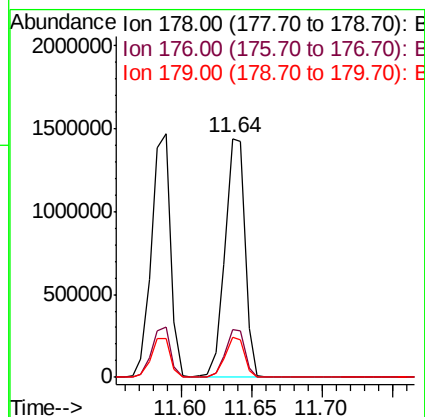
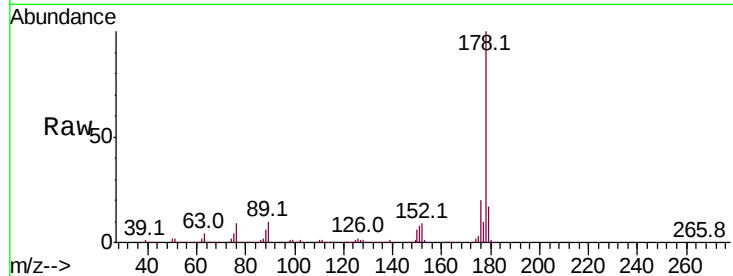
#71
 Anthracene
 Concen: 42.785 ng
 RT: 11.64 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB112108BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.2
179	16.6	12.6	19.0

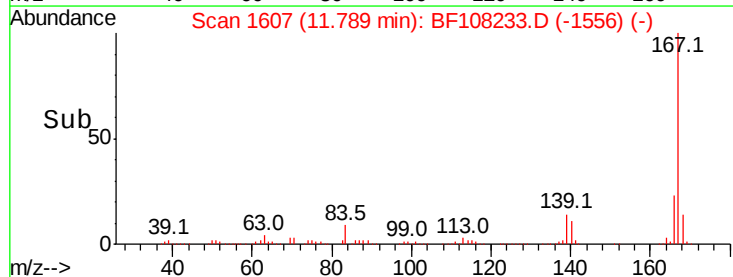
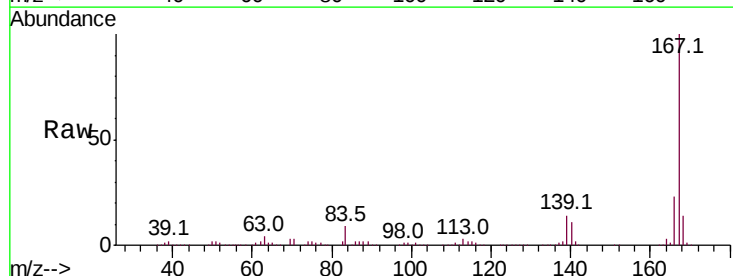
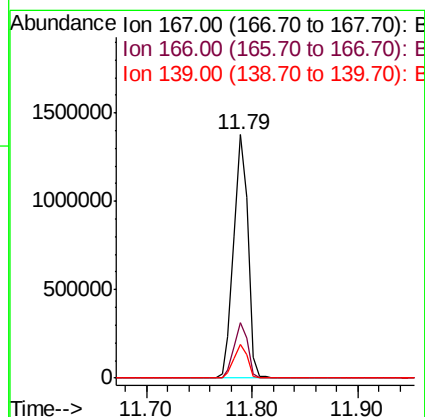
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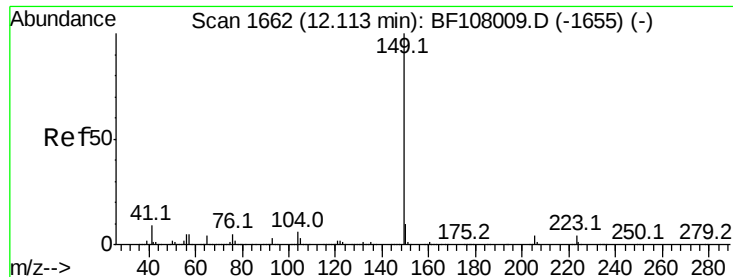
Sohil
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#72
 Carbazole
 Concen: 43.217 ng
 RT: 11.79 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.6	26.4
139	13.9	10.9	16.3





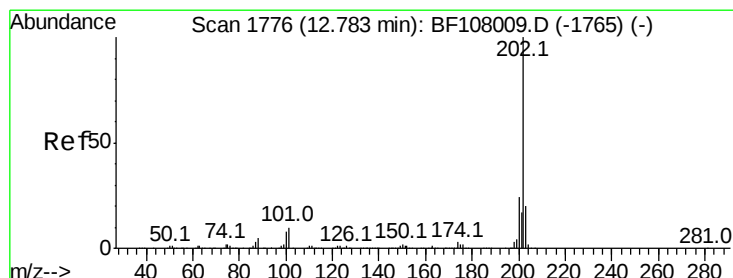
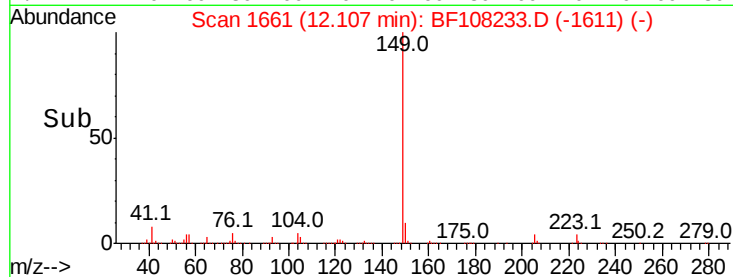
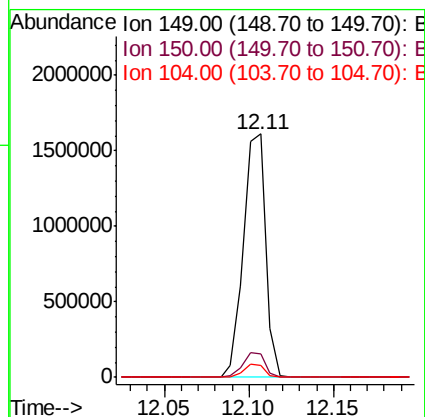
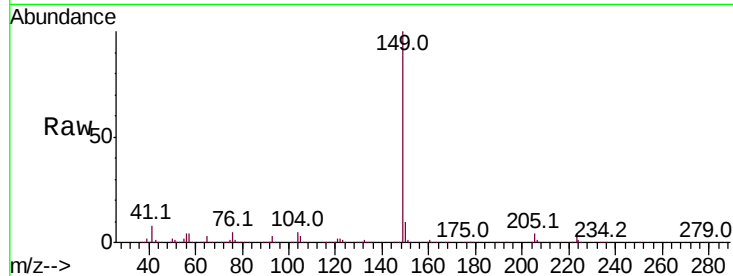
#73
Di-n-butylphthalate
Concen: 44.360 ng
RT: 12.11 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Instrument :
BNA_F
ClientSampleId :
PB112108BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	5.0	3.8	5.8

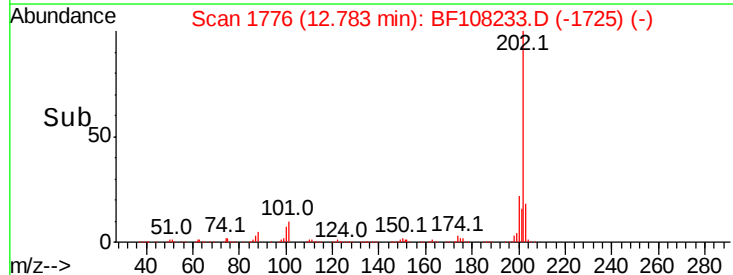
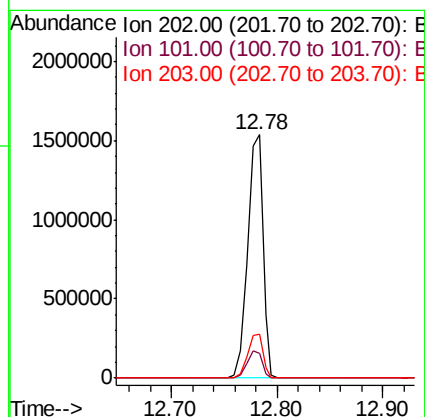
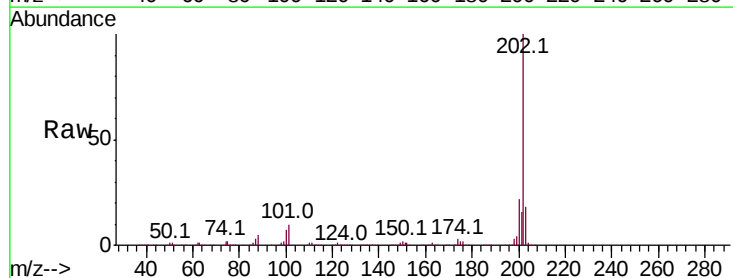
Manual Integrations
APPROVED

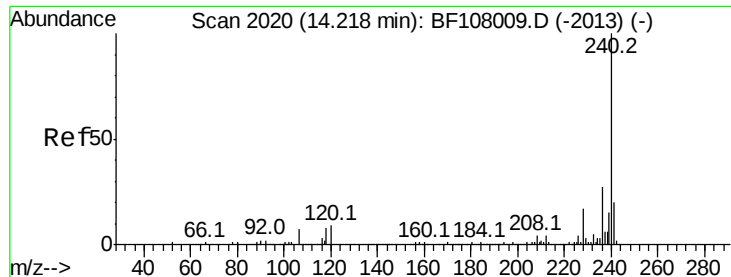
Sohil
8/20/2018 12:48:15 PM



#74
Fluoranthene
Concen: 43.376 ng
RT: 12.78 min Scan# 1776
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	34.1
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

Instrument :

BNA_F

ClientSampleId :

PB112108BS

Tot Ion:240 Resp: 545376

Ion Ratio Lower Upper

240 100

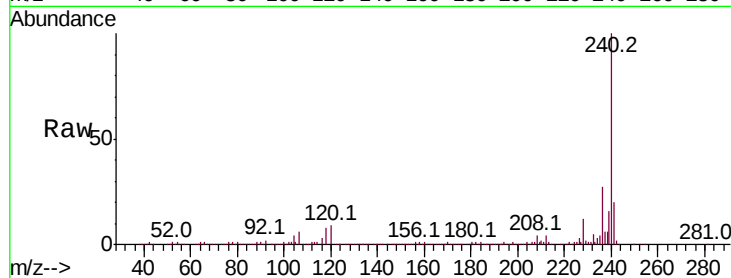
120 8.8 9.5 14.3#

236 27.2 20.7 31.1

Manual Integrations
APPROVED

Sohil

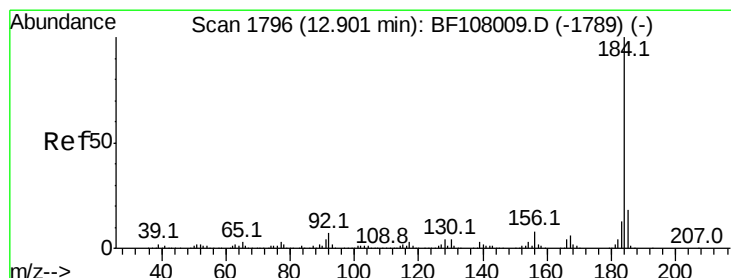
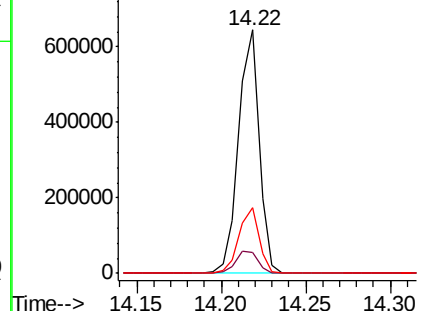
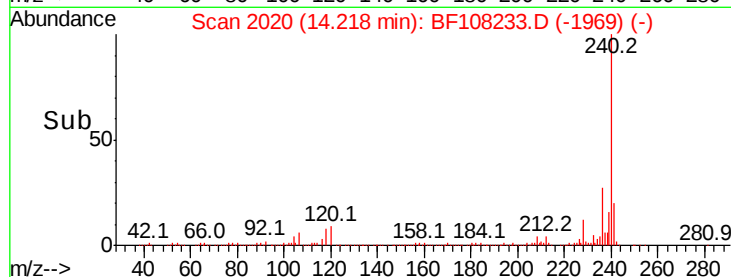
8/20/2018 12:48:15 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.798 ng

RT: 12.89 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF108233.D

Acq: 17 Aug 2018 10:31

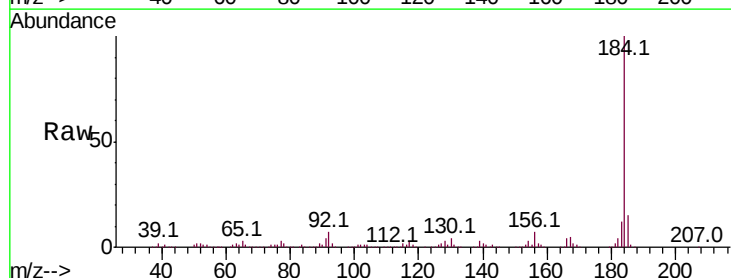
Tgt Ion:184 Resp: 668316

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

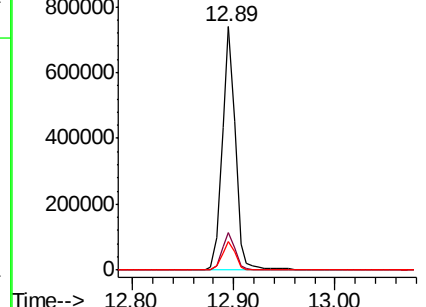
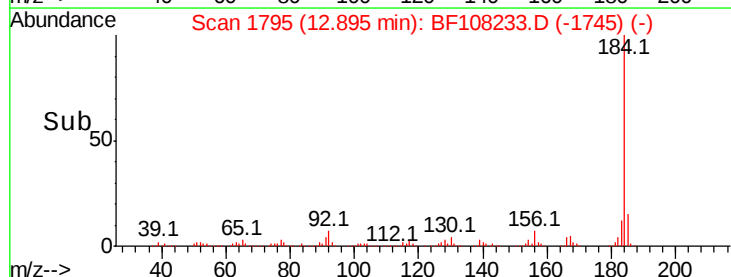
183 11.6 9.3 13.9

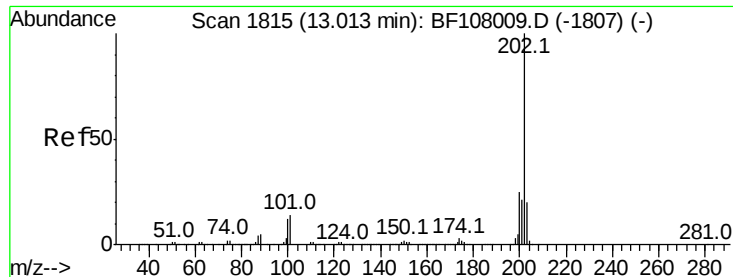


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





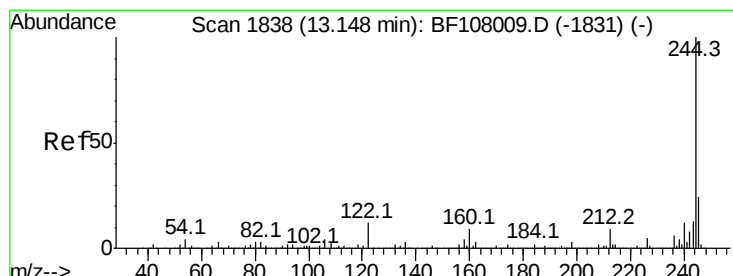
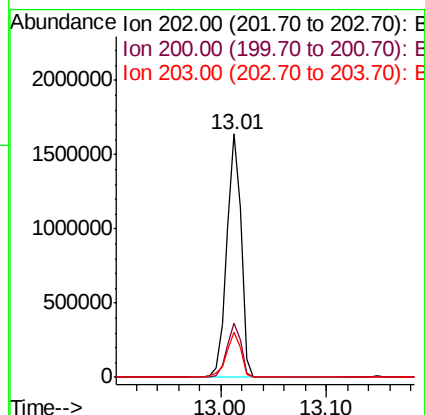
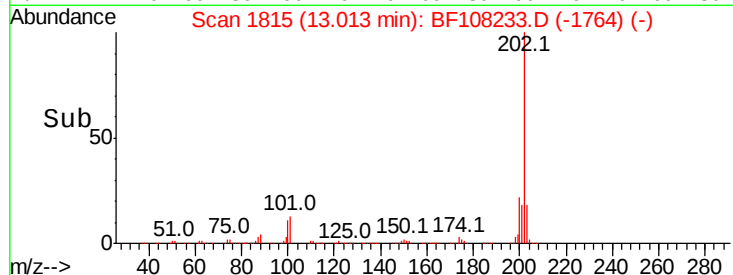
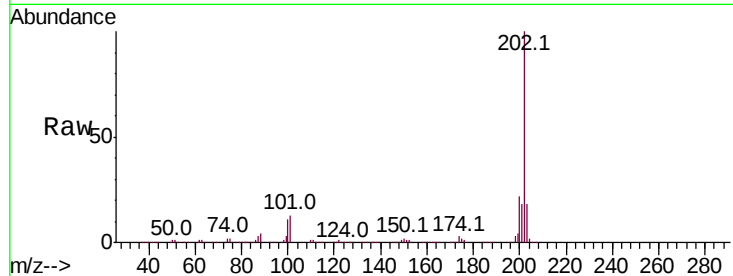
#77
Pvrene
Concen: 44.634 ng
RT: 13.01 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Instrument :
BNA_F
ClientSampleId :
PB112108BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	18.4	14.3	21.5

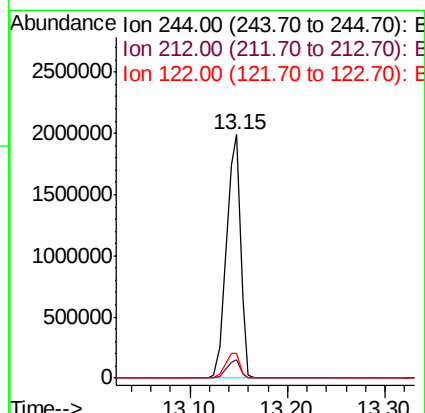
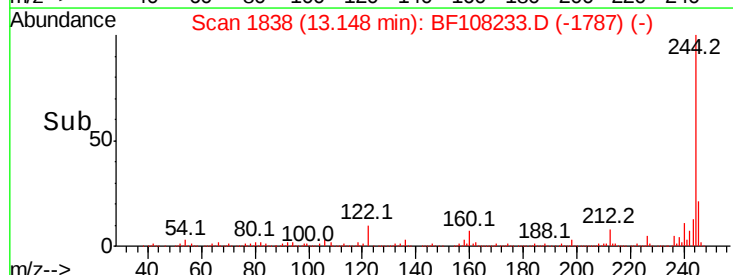
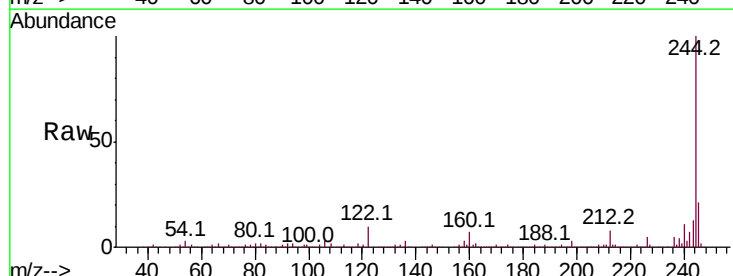
Manual Integrations
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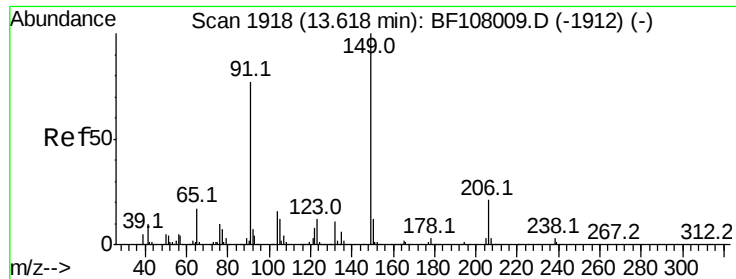
Sohil
8/20/2018 12:48:15 PM



#78
Terphenyl-d14
Concen: 92.679 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	10.2	11.0	16.4





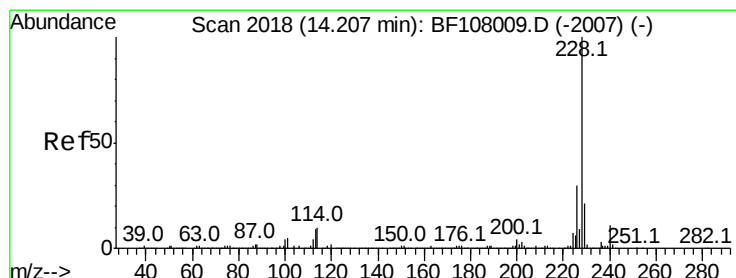
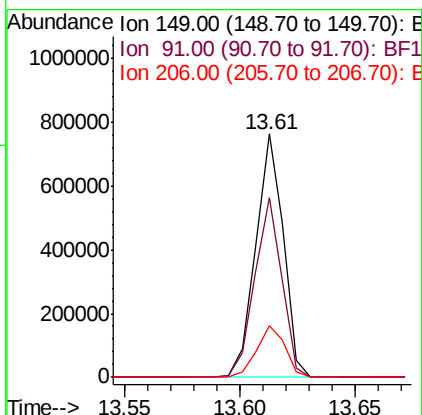
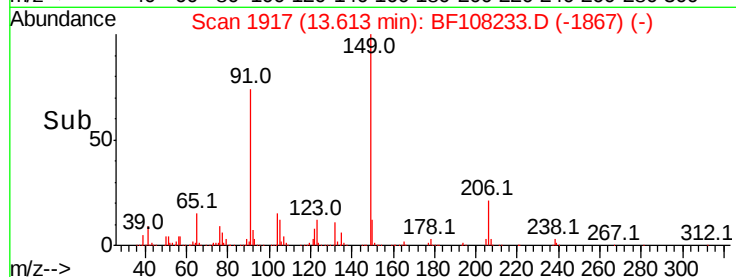
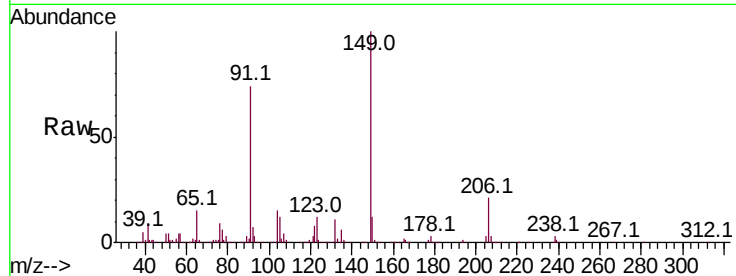
#79
Butylbenzylphthalate
Concen: 46.563 ng
RT: 13.61 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Instrument :
BNA_F
ClientSampleId :
PB112108BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.0	56.8	85.2
206	21.3	14.1	21.1

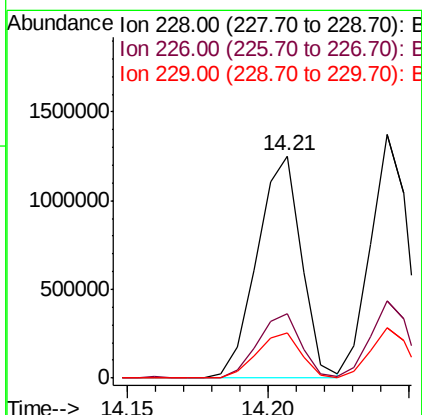
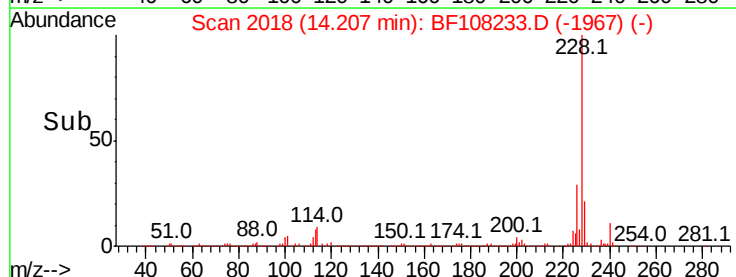
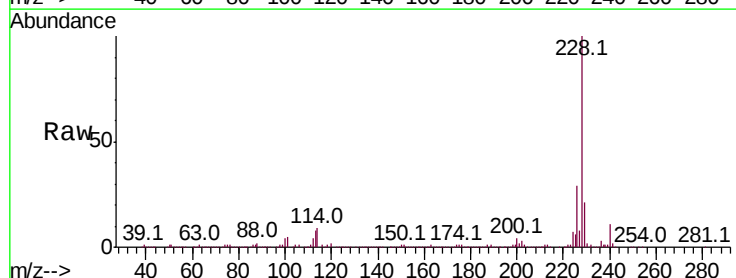
Manual Integrations
APPROVED

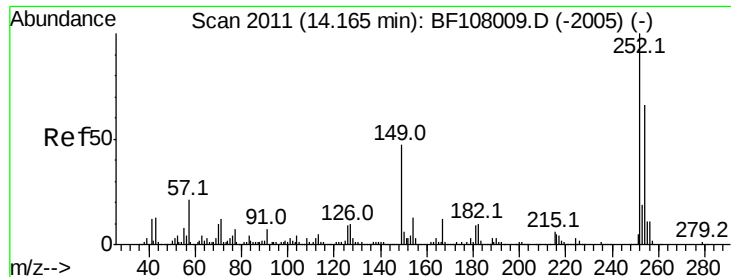
Sohil
8/20/2018 12:48:15 PM



#80
Benzo(a)anthracene
Concen: 43.504 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	20.6	15.8	23.6





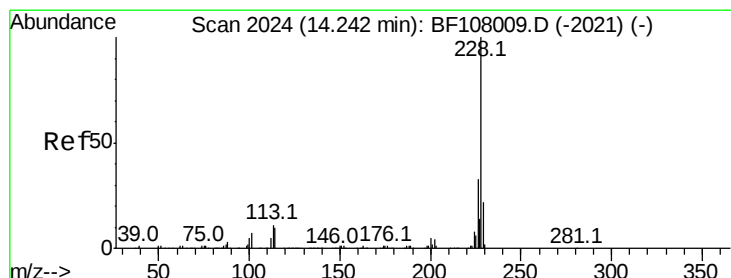
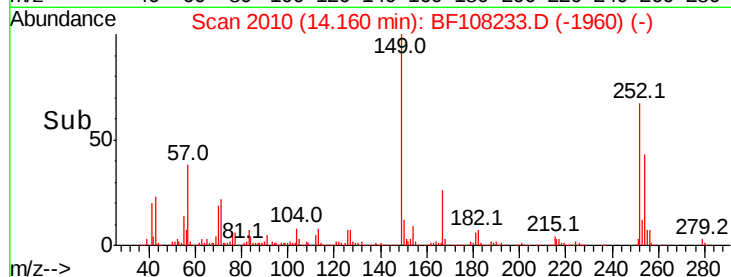
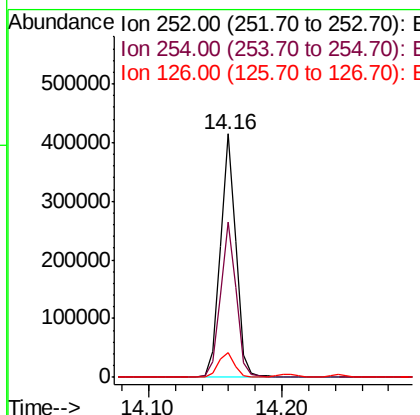
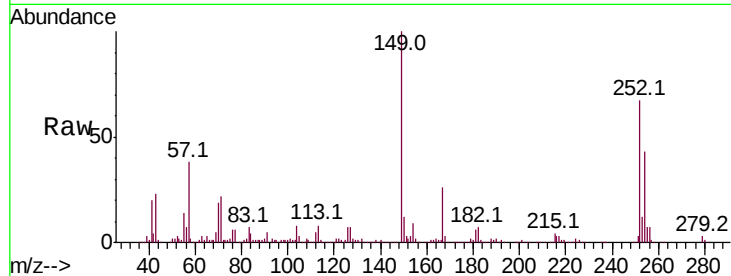
#81
 3,3'-Dichlorobenzidine
 Concen: 30.676 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB112108BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.4	75.6
126	10.2	11.3	16.9

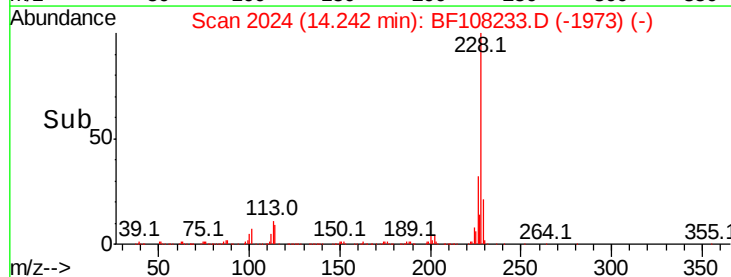
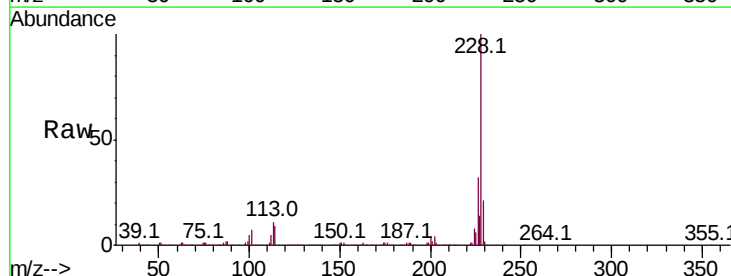
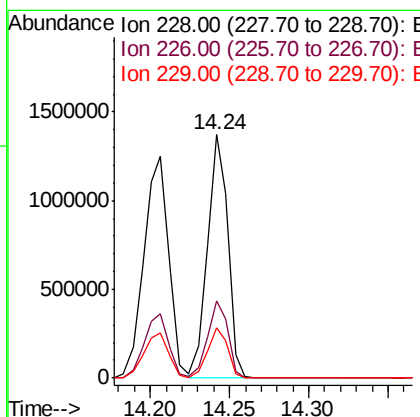
Manual Integrations
 APPROVED

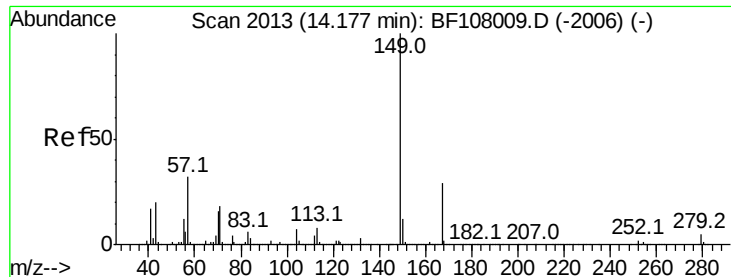
Sohil
 8/20/2018 12:48:15 PM



#82
 Chrysene
 Concen: 43.039 ng
 RT: 14.24 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.0	37.6
229	20.8	16.2	24.4





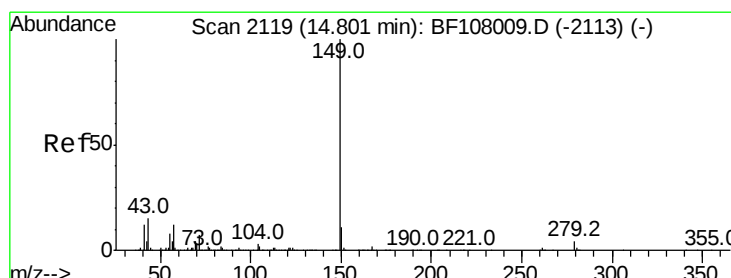
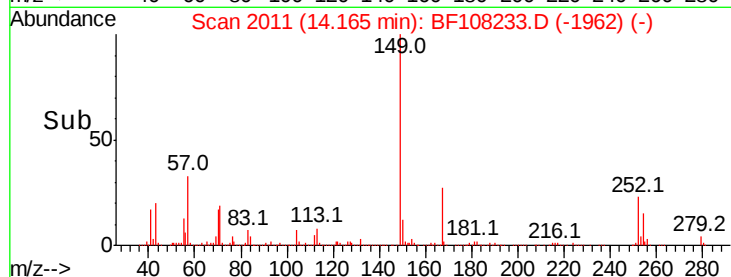
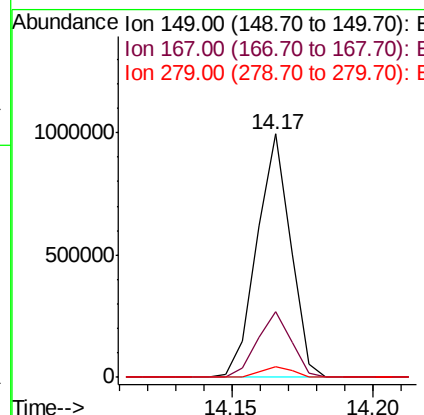
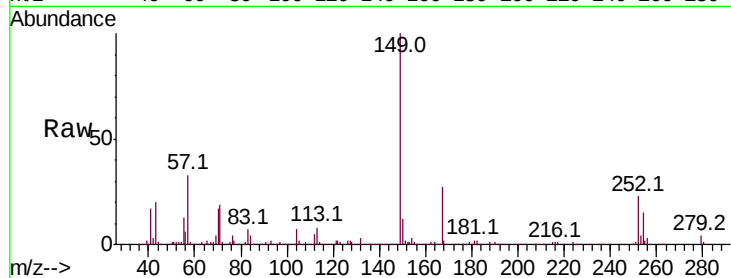
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.358 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB112108BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	4.4	3.0	4.4

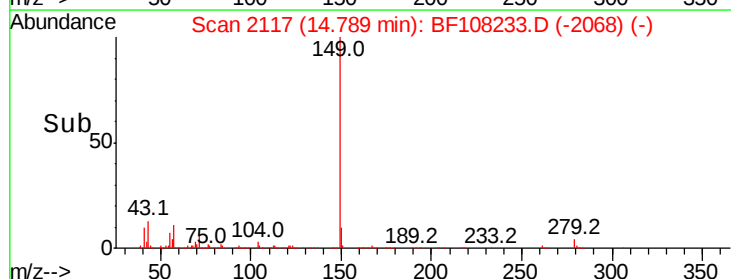
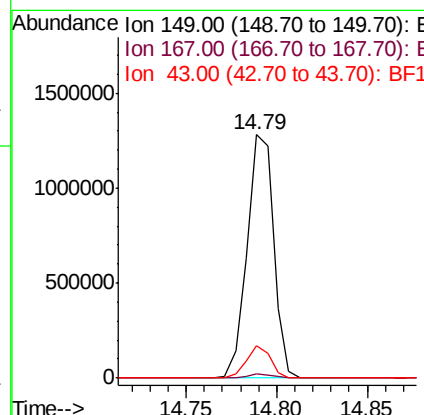
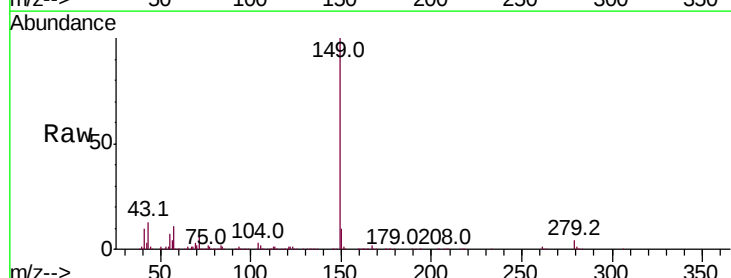
Manual Integrations
 APPROVED

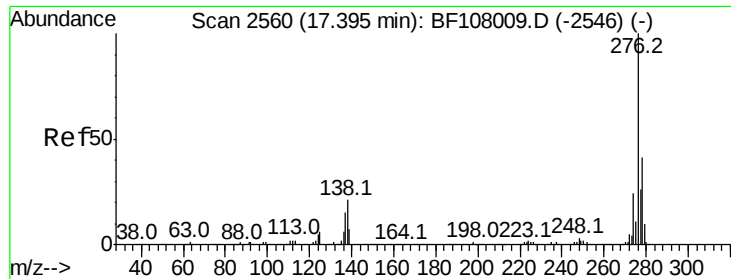
Sohil
 8/20/2018 12:48:15 PM



#84
 Di-n-octyl phthalate
 Concen: 46.143 ng
 RT: 14.79 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.1	8.4	12.6





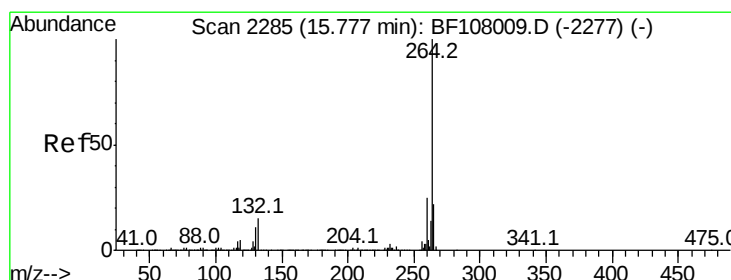
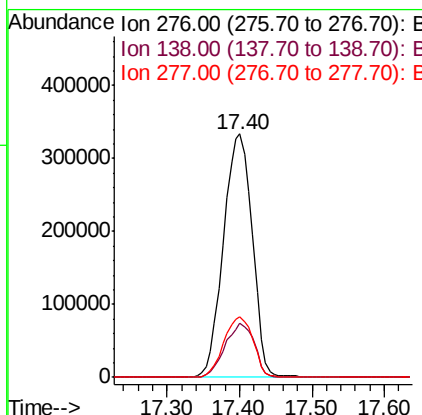
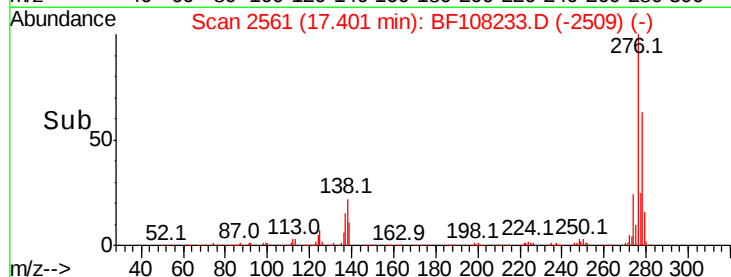
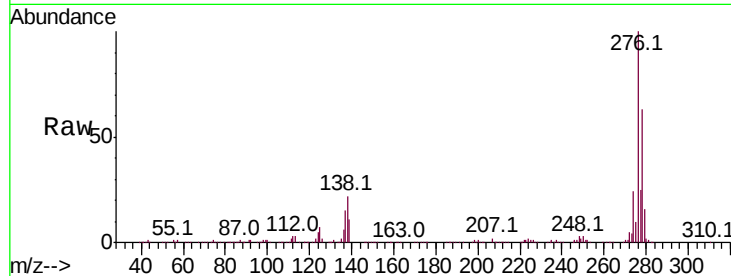
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.063 ng
RT: 17.40 min Scan# 2561
Delta R.T. 0.01 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Instrument :
BNA_F
ClientSampleId :
PB112108BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.6	25.0	37.6#
277	25.3	20.1	30.1

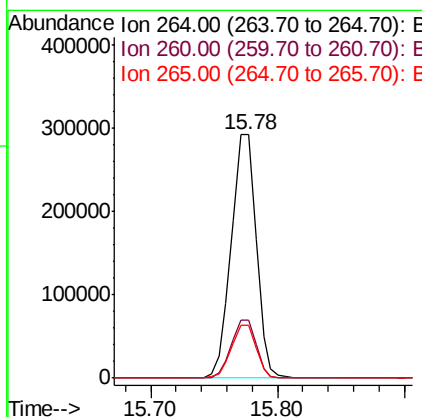
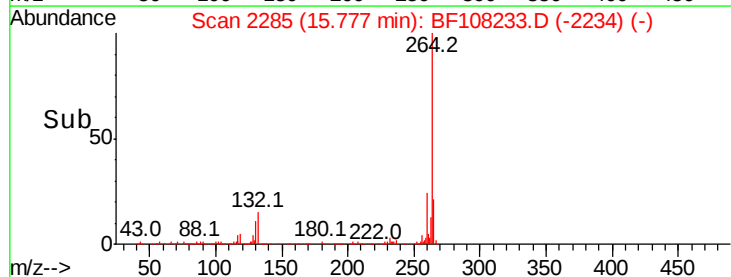
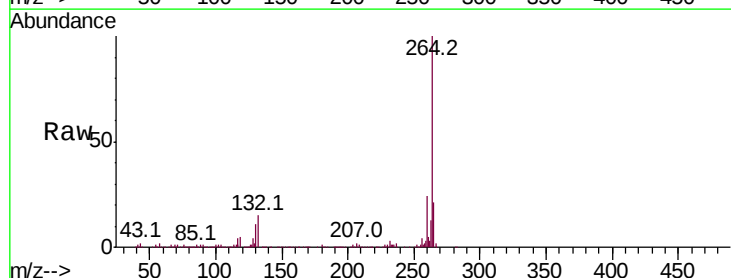
Manual Integrations
APPROVED

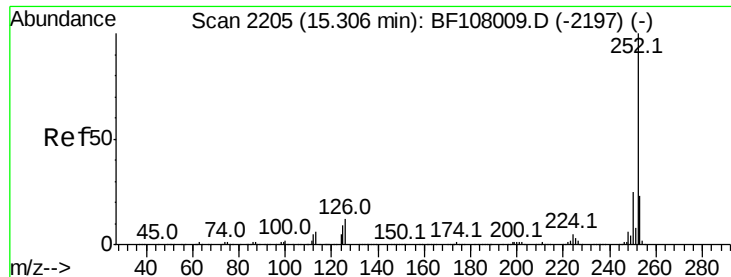
Sohil
8/20/2018 12:48:15 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.78 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	17.5	26.3





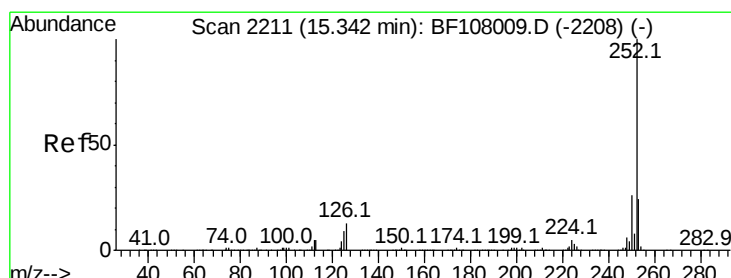
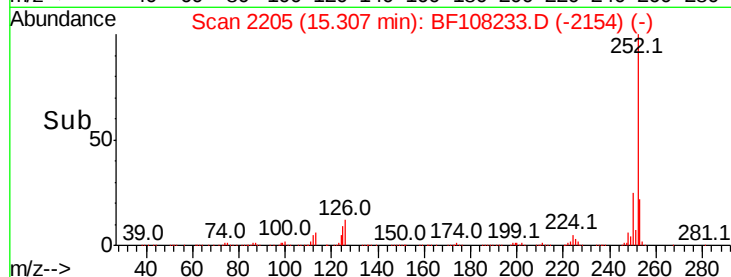
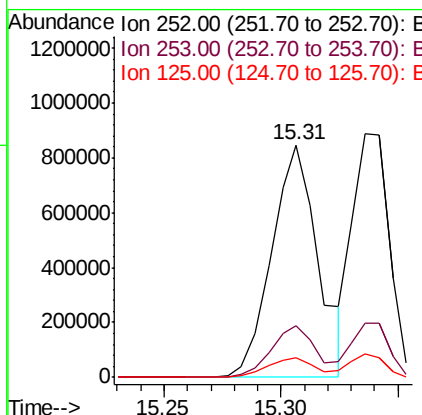
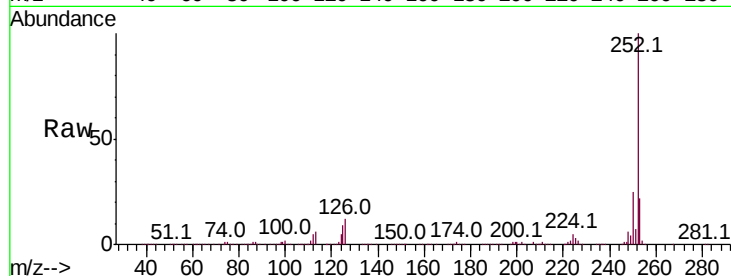
#87
Benzo(b)fluoranthene
Concen: 48.869 ng m
RT: 15.31 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Instrument :
BNA_F
ClientSampleId :
PB112108BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	8.7	9.0	13.6#

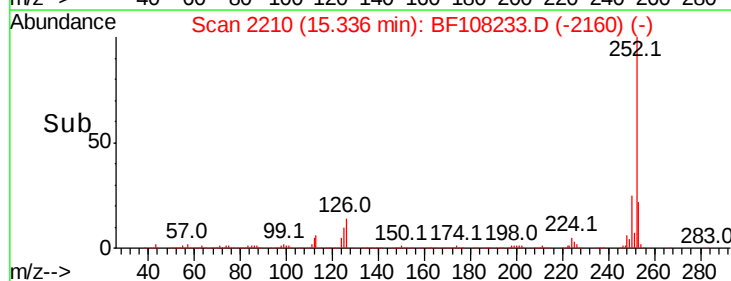
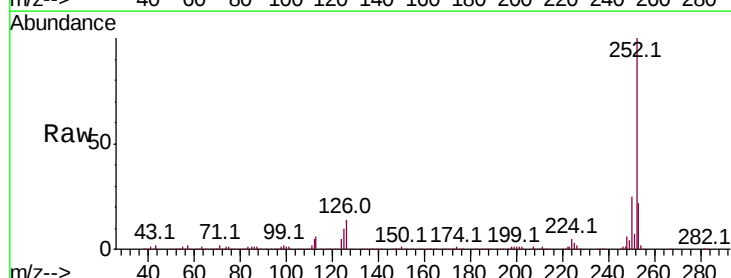
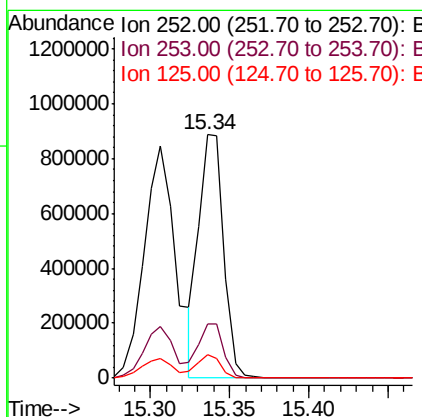
Manual Integrations
APPROVED

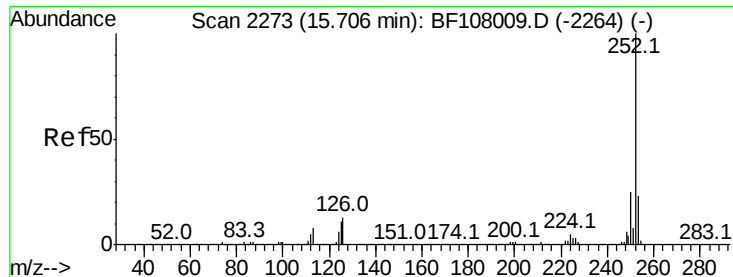
Sohil
8/20/2018 12:48:15 PM



#88
Benzo(k)fluoranthene
Concen: 44.476 ng
RT: 15.34 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	9.7	10.2	15.2#





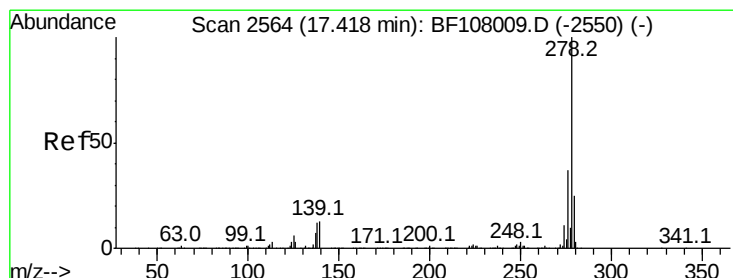
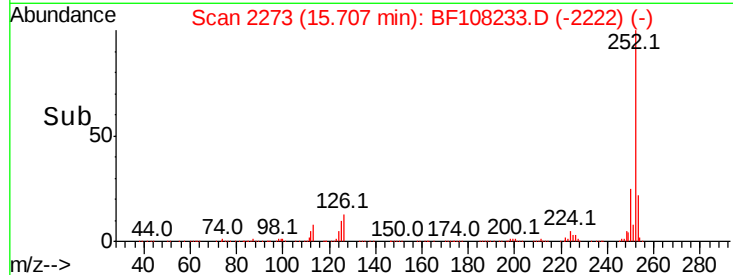
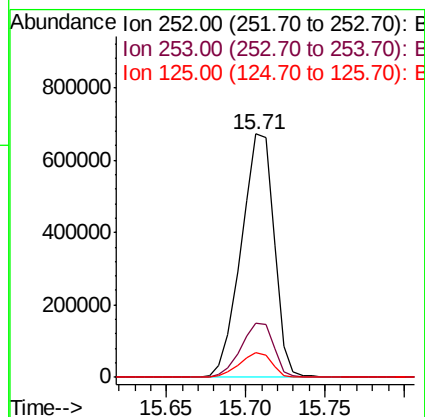
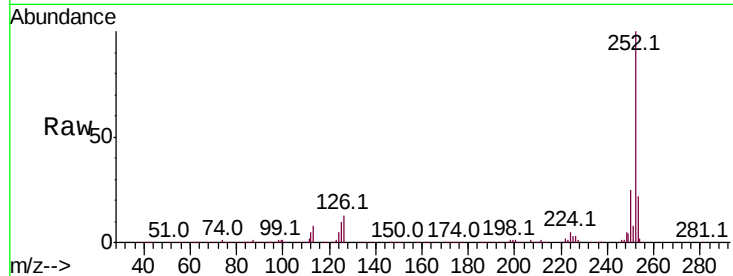
#89
Benzo(a)pyrene
Concen: 45.548 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Instrument :
BNA_F
ClientSampleId :
PB112108BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	10.2	9.8	14.6

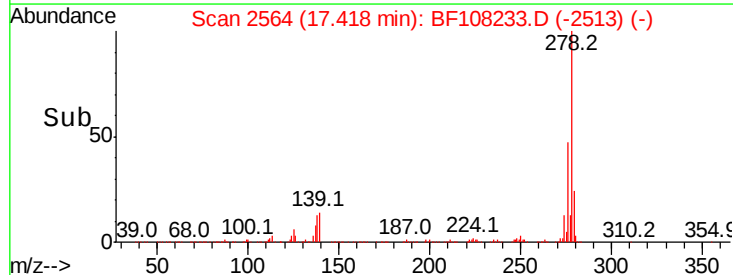
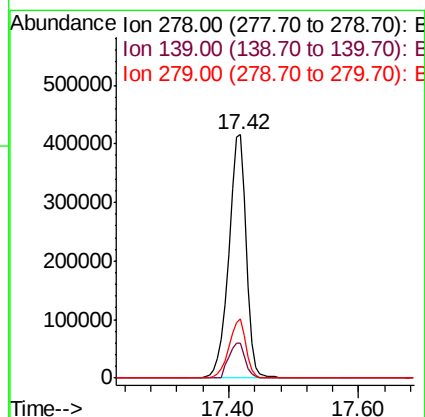
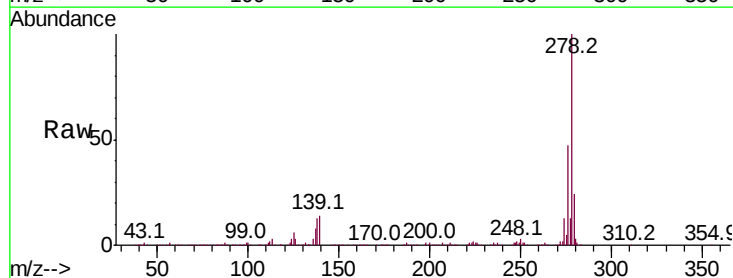
Manual Integrations
APPROVED

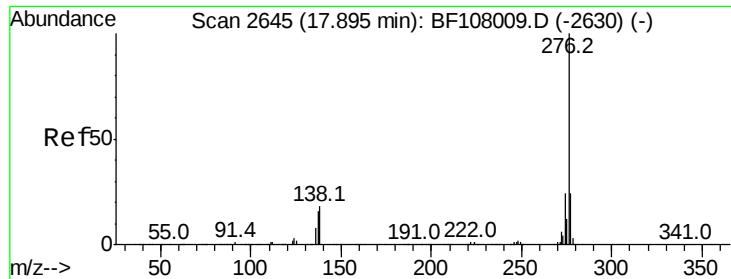
Sohil
8/20/2018 12:48:15 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.832 ng
RT: 17.42 min Scan# 2564
Delta R.T. 0.00 min
Lab File: BF108233.D
Acq: 17 Aug 2018 10:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.4	15.9	23.9#
279	24.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 43.682 ng
 RT: 17.89 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: BF108233.D
 Acq: 17 Aug 2018 10:31

Instrument :
 BNA_F
 ClientSampleId :
 PB112108BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	19.6	21.8	32.8#

Manual Integrations
 APPROVED

Sohil
 8/20/2018 12:48:15 PM

