

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
 Data File : BF108910.D
 Acq On : 10 Sep 2018 22:58
 Operator : JU/SJ
 Sample : PB112743BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BSD

Manual Integrations
 APPROVED

Sohil
 9/11/2018 9:34:26 AM

Quant Time: Sep 11 04:03:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	169069	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	632719	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	251061	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	418365	20.00	ng	0.00
75) Chrysene-d12	13.88	240	375460	20.00	ng	0.01
86) Perylene-d12	15.28	264	288899	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1207752	118.34	ng	0.03
7) Phenol-d6	6.38	99	1509675	114.97	ng	0.02
23) Nitrobenzene-d5	7.30	82	946831	93.65	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	284231	118.59	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1564294	106.30	ng	0.00
78) Terphenyl-d14	12.83	244	1364524	84.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	205244	41.847	ng	93
3) Pyridine	3.21	79	548593	40.843	ng	91
4) n-Nitrosodimethylamine	3.14	42	234376	45.431	ng	# 93
6) Aniline	6.40	93	604856	34.249	ng	92
8) 2-Chlorophenol	6.53	128	453491	40.146	ng	95
9) Benzaldehyde	6.28	77	241021	25.873	ng	98
10) Phenol	6.40	94	551946	36.699	ng	76
11) bis(2-Chloroethyl)ether	6.48	93	467322	38.789	ng	98
12) 1,3-Dichlorobenzene	6.68	146	519387	40.292	ng	99
13) 1,4-Dichlorobenzene	6.76	146	516113	40.037	ng	98
14) 1,2-Dichlorobenzene	6.91	146	474982	39.975	ng	99
15) Benzyl Alcohol	6.88	79	397862	39.482	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	684105	37.986	ng	96
17) 2-Methylphenol	7.00	107	369429	38.699	ng	98
18) Hexachloroethane	7.25	117	144928	31.180	ng	97
19) n-Nitroso-di-n-propylamine	7.16	70	322966	35.385	ng	97
20) 3+4-Methylphenols	7.15	107	424865	37.993	ng	# 68
22) Acetophenone	7.15	105	594079	41.371	ng	# 92
24) Nitrobenzene	7.32	77	473886	43.684	ng	97
25) Isophorone	7.56	82	873949	43.336	ng	97
26) 2-Nitrophenol	7.64	139	158521	37.091	ng	99
27) 2,4-Dimethylphenol	7.68	122	395168	45.532	ng	96
28) bis(2-Chloroethoxy)methane	7.78	93	554731	41.142	ng	100
29) 2,4-Dichlorophenol	7.88	162	352795	39.423	ng	97
30) 1,2,4-Trichlorobenzene	7.97	180	381346	39.320	ng	99
31) Naphthalene	8.05	128	1232371	43.292	ng	100
32) Benzoic acid	7.78	122	163307m	31.595	ng	
33) 4-Chloroaniline	8.09	127	471063	36.031	ng	99
34) Hexachlorobutadiene	8.17	225	230982	39.867	ng	99
35) Caprolactam	8.45	113	111053m	36.621	ng	
36) 4-Chloro-3-methylphenol	8.57	107	345049	36.194	ng	97
37) 2-Methylnaphthalene	8.74	142	776595	41.295	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	347929	46.360	ng	98
40) Hexachlorocyclopentadiene	8.89	237	47768	12.652	ng	96

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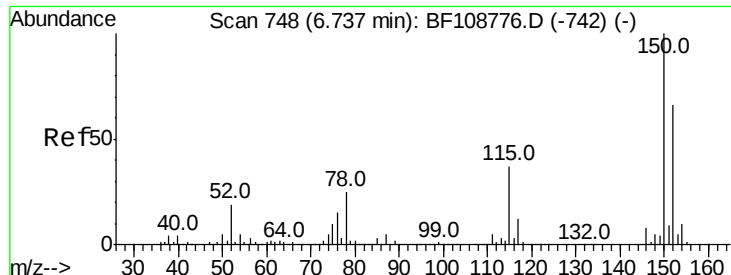
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	221608	43.352	nq	99
43) 2,4,5-Trichlorophenol	9.05	196	226235	42.696	nq	95
45) 1,1'-Biphenyl	9.20	154	882102	45.638	nq	98
46) 2-Chloronaphthalene	9.22	162	671072	42.930	nq	97
47) 2-Nitroaniline	9.31	65	218993	51.282	nq	98
48) Acenaphthylene	9.64	152	1035637	44.447	nq	100
49) Dimethylphthalate	9.50	163	799324	45.520	nq	100
50) 2,6-Dinitrotoluene	9.55	165	143663	42.935	nq	98
51) Acenaphthene	9.81	154	584023	40.504	nq	99
52) 3-Nitroaniline	9.72	138	196079	49.229	nq	94
53) 2,4-Dinitrophenol	9.82	184	4693	12.673	nq	# 26
54) Dibenzofuran	9.98	168	844637	40.187	nq	99
55) 4-Nitrophenol	9.88	139	230812	77.515	nq	98
56) 2,4-Dinitrotoluene	9.95	165	161432	37.726	nq	95
57) Fluorene	10.32	166	597988	44.335	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	168273	39.380	nq	# 86
59) Diethylphthalate	10.20	149	748983	41.331	nq	98
60) 4-Chlorophenyl-phenylether	10.31	204	303736	42.166	nq	94
61) 4-Nitroaniline	10.33	138	176066	48.795	nq	95
62) Azobenzene	10.47	77	698342	37.334	nq	96
64) 4,6-Dinitro-2-methylphenol	10.37	198	4901	9.421	nq	78
65) n-Nitrosodiphenylamine	10.43	169	589933	42.411	nq	95
66) 4-Bromophenyl-phenylether	10.80	248	193200	40.887	nq	# 84
67) Hexachlorobenzene	10.87	284	197959	39.245	nq	# 89
68) Atrazine	10.95	200	182091	40.893	nq	96
69) Pentachlorophenol	11.06	266	211966	68.733	nq	98
70) Phenanthrene	11.28	178	875986	43.846	nq	99
71) Anthracene	11.32	178	908496	47.494	nq	100
72) Carbazole	11.48	167	825571	40.981	nq	99
73) Di-n-butylphthalate	11.82	149	1011741	45.226	nq	99
74) Fluoranthene	12.46	202	996797	50.392	nq	96
76) Benzidine	12.58	184	1034924	58.157	nq	99
77) Pyrene	12.68	202	1021489	35.357	nq	100
79) Butylbenzylphthalate	13.31	149	464008	35.664	nq	96
80) Benzo(a)anthracene	13.87	228	907443	37.707	nq	98
81) 3,3'-Dichlorobenzidine	13.83	252	393538	41.972	nq	96
82) Chrysene	13.91	228	900718	38.662	nq	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	597791	36.562	nq	99
84) Di-n-octyl phthalate	14.48	149	1167503	42.830	nq	99
85) Indeno(1,2,3-cd)pyrene	16.65	276	625440	30.335	nq	95
87) Benzo(b)fluoranthene	14.89	252	733011	46.662	nq	99
88) Benzo(k)fluoranthene	14.91	252	666101	46.044	nq	99
89) Benzo(a)pyrene	15.23	252	625736	44.145	nq	98
90) Dibenzo(a,h)anthracene	16.67	278	518235	41.492	nq	97
91) Benzo(g,h,i)perylene	17.06	276	514405	41.134	nq	95

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



#1

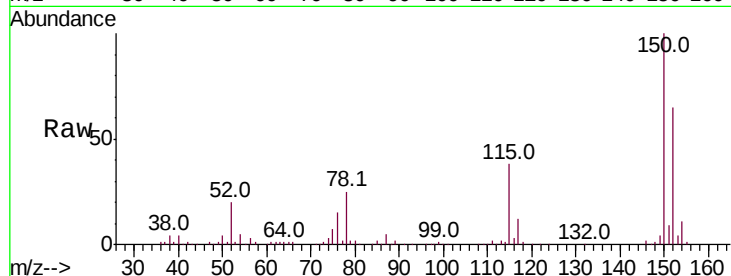
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	58.8	50.1	75.1

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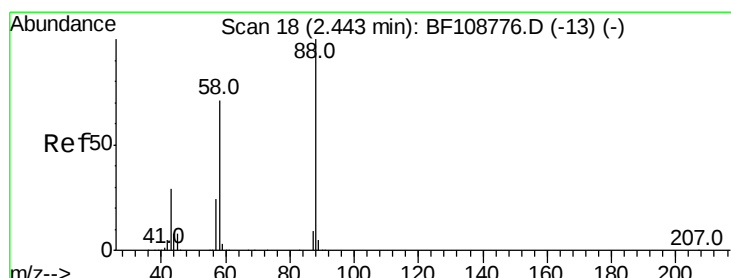
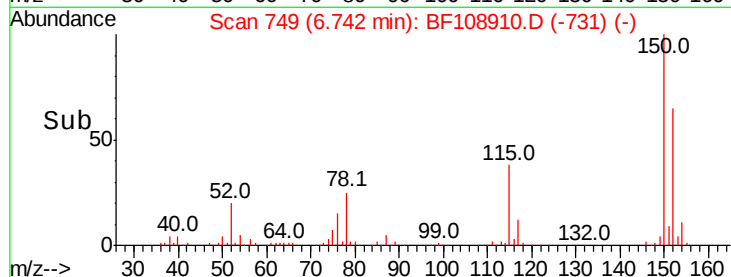
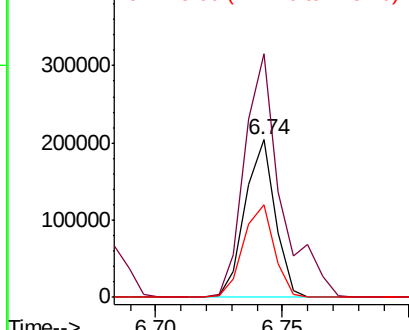


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

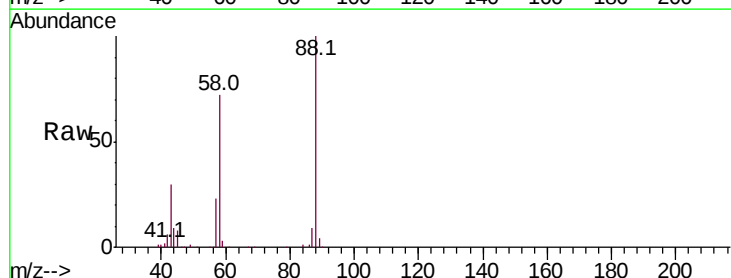
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.847 ng
RT: 2.51 min Scan# 29
Delta R.T. 0.06 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.9	62.6	93.8
43	28.8	24.6	37.0

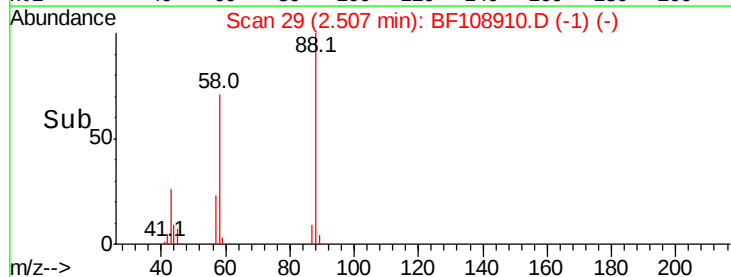
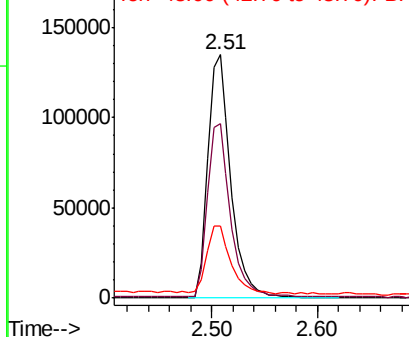


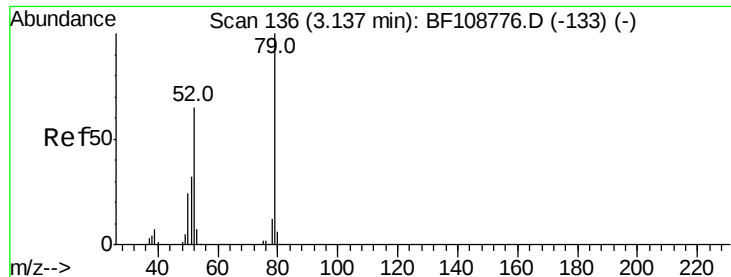
Abundance

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





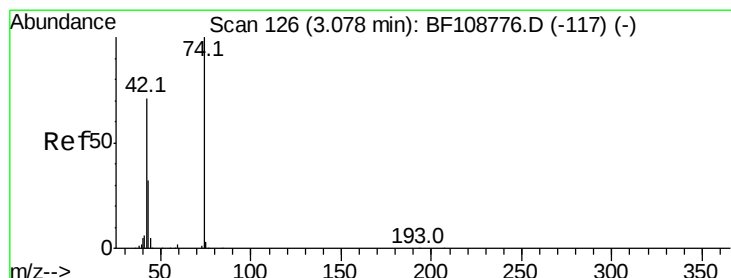
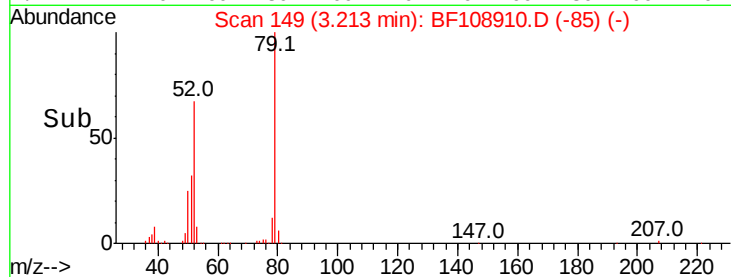
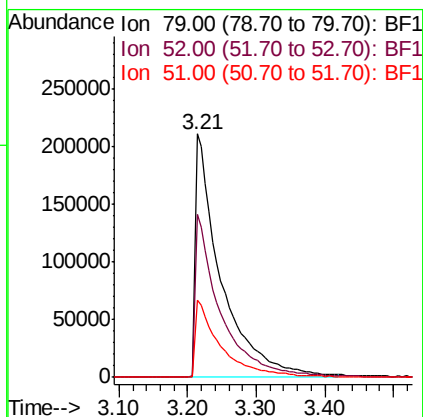
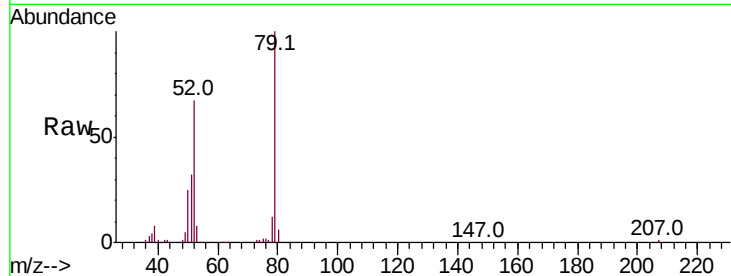
#3
Pvridine
Concen: 40.843 ng
RT: 3.21 min Scan# 149
Delta R.T. 0.08 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.0	59.8	89.6
51	31.7	29.8	44.8

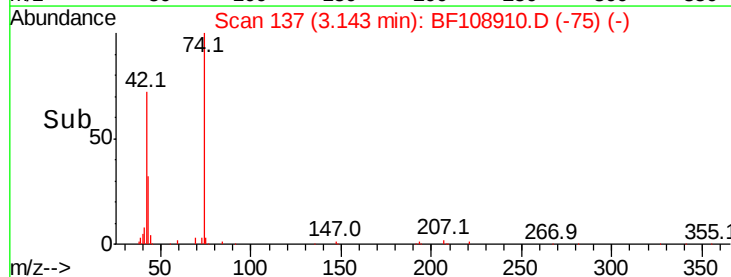
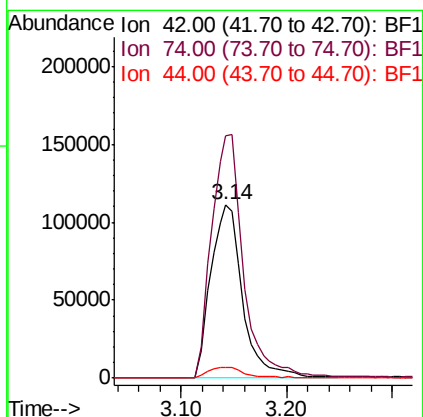
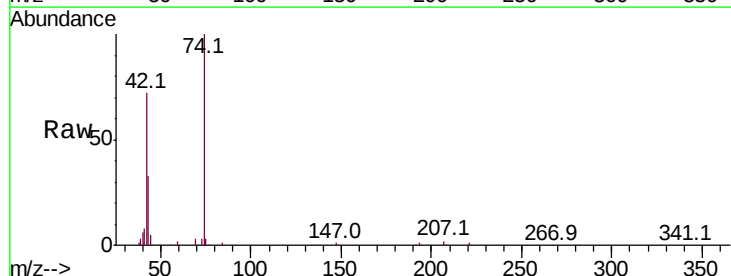
Manual Integrations
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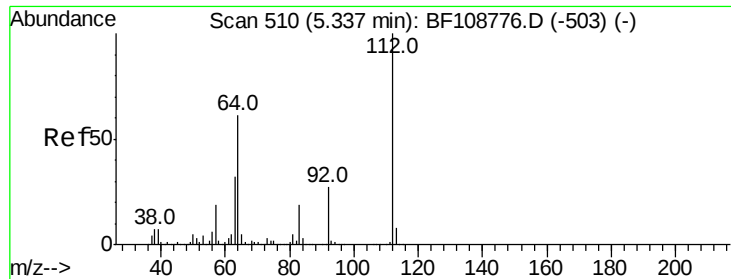
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#4
n-Nitrosodimethylamine
Concen: 45.431 ng
RT: 3.14 min Scan# 137
Delta R.T. 0.06 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	139.5	104.9	157.3
44	6.4	6.9	10.3#





#5

2-Fluorophenol

Concen: 118.345 ng

RT: 5.37 min Scan# 515

Delta R.T. 0.03 min

Lab File: BF108910.D

Acq: 10 Sep 2018 22:58

Instrument :

BNA_F

ClientSampleId :

PB112743BSD

Tot Ion:112 Resp: 1207752

Ion Ratio Lower Upper

112 100

64 57.6 47.9 71.9

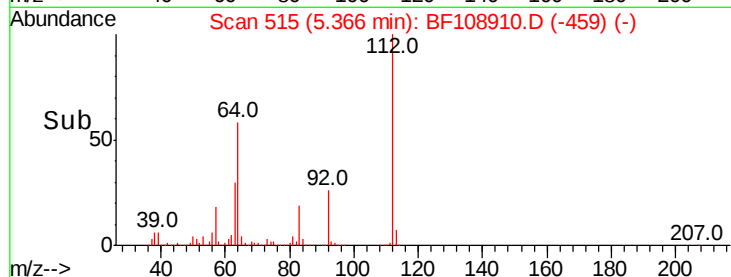
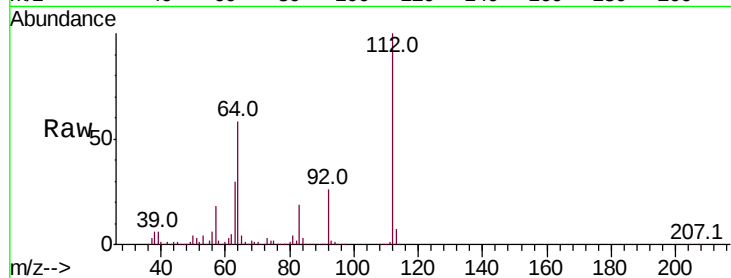
63 30.0 23.7 35.5

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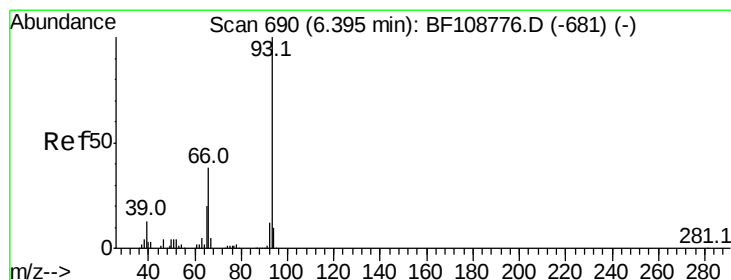
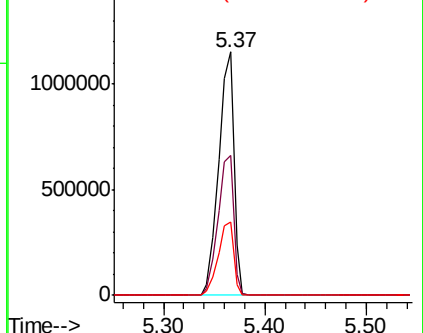
9/11/2018 9:34:26 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.249 ng

RT: 6.40 min Scan# 691

Delta R.T. 0.01 min

Lab File: BF108910.D

Acq: 10 Sep 2018 22:58

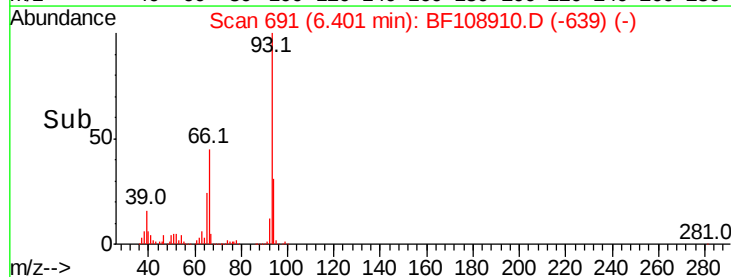
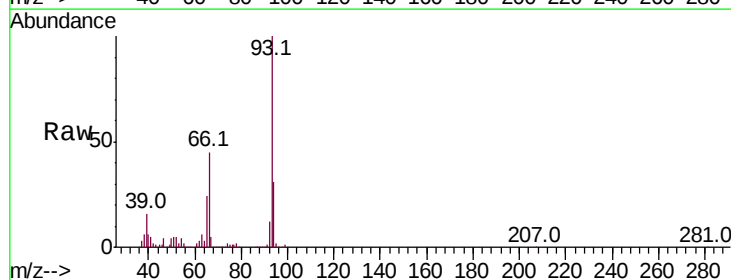
Tgt Ion: 93 Resp: 604856

Ion Ratio Lower Upper

93 100

66 44.9 32.2 48.2

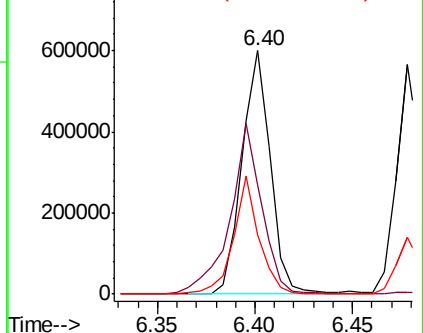
65 24.3 16.4 24.6

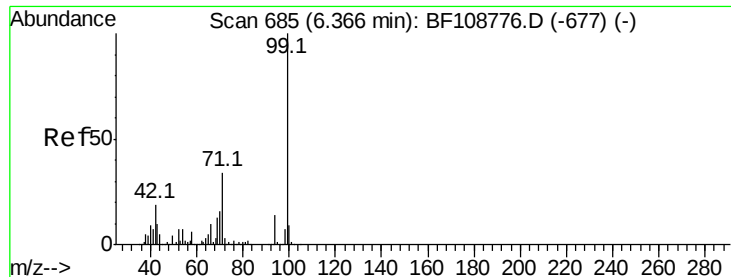


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.972 ng

RT: 6.38 min Scan# 688

Delta R.T. 0.02 min

Lab File: BF108910.D

Acq: 10 Sep 2018 22:58

Instrument :

BNA_F

ClientSampleId :

PB112743BSD

Tot Ion: 99 Resp: 1509675

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

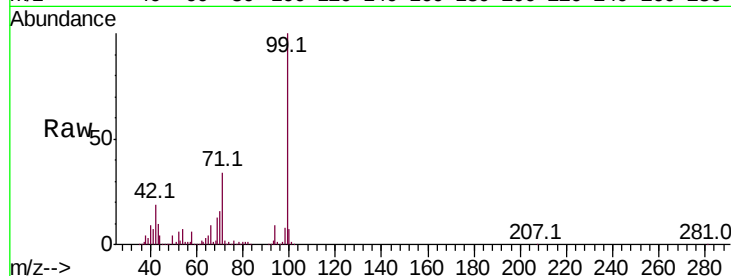
71 33.8 25.4 38.0

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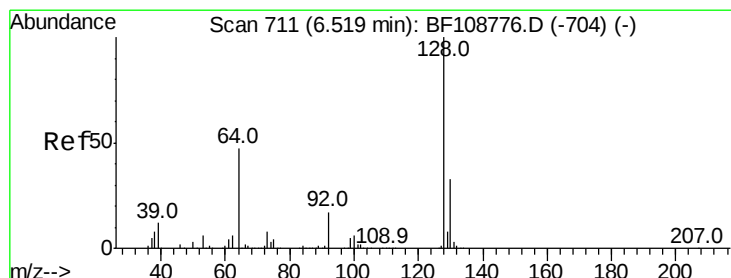
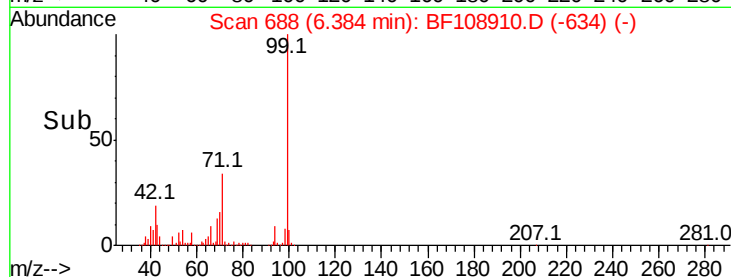
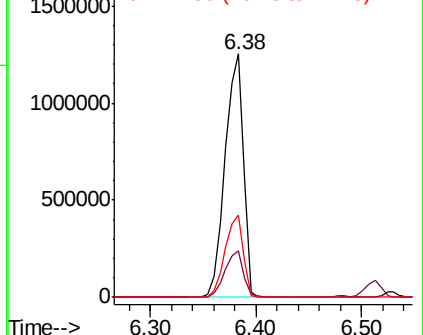
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.146 ng

RT: 6.53 min Scan# 713

Delta R.T. 0.01 min

Lab File: BF108910.D

Acq: 10 Sep 2018 22:58

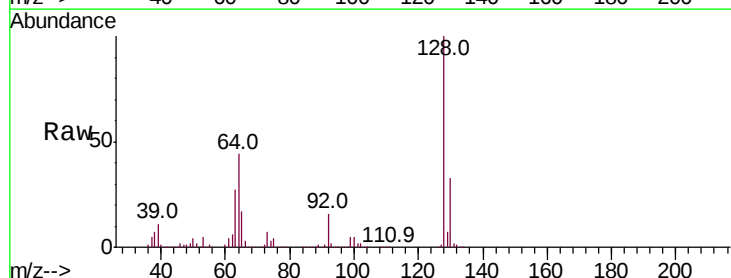
Tgt Ion: 128 Resp: 453491

Ion Ratio Lower Upper

128 100

130 33.3 13.0 53.0

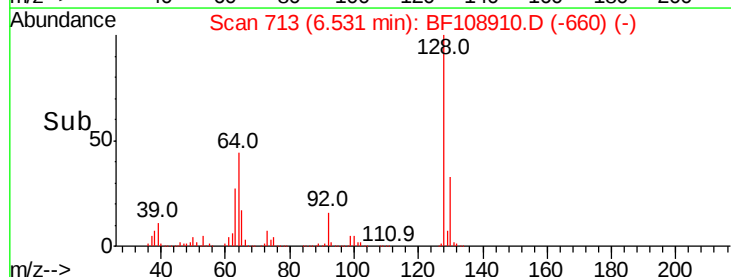
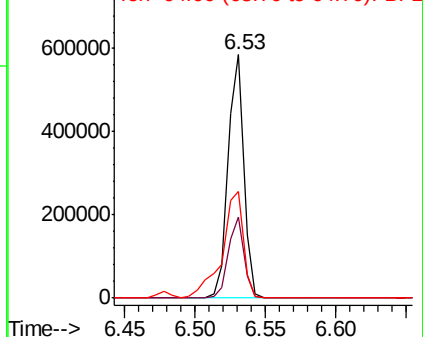
64 43.9 29.4 69.4

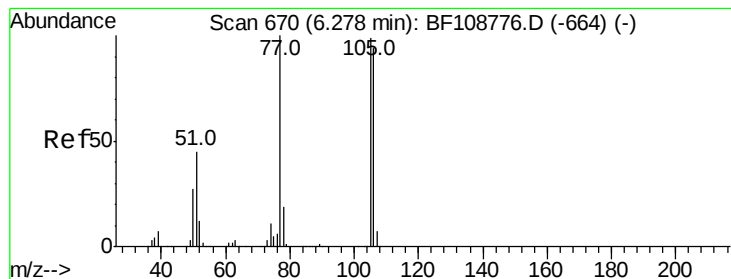


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.873 ng

RT: 6.28 min Scan# 671

Delta R.T. 0.01 min

Lab File: BF108910.D

Acq: 10 Sep 2018 22:58

Instrument :

BNA_F

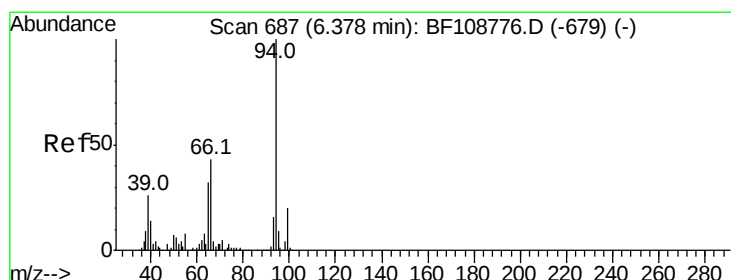
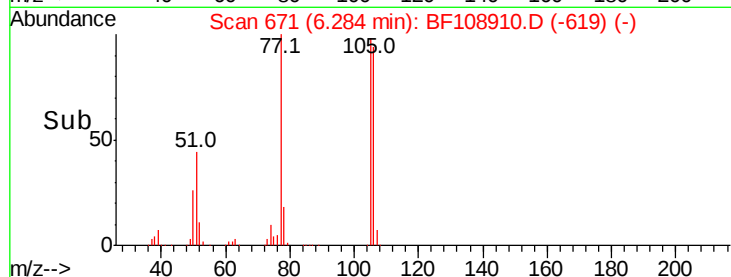
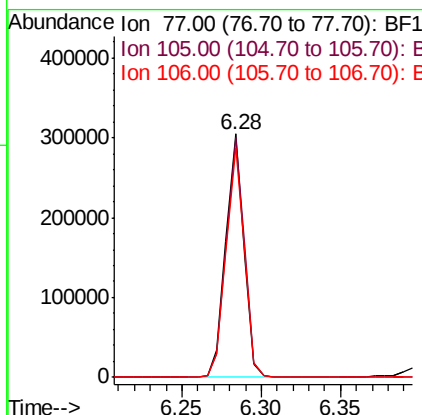
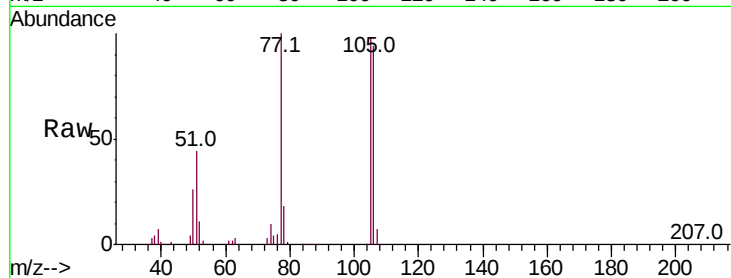
ClientSampleId :

PB112743BSD

Tot Ion:	77	Resp:	241021
Ion Ratio	Lower	Upper	
77	100		
105	98.5	81.1	121.1
106	94.2	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 36.699 ng

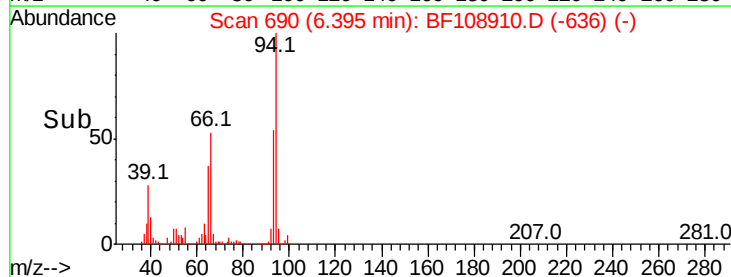
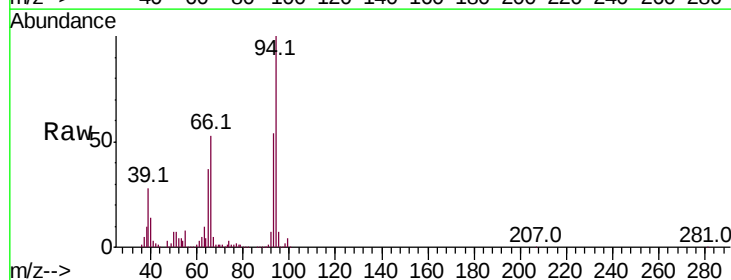
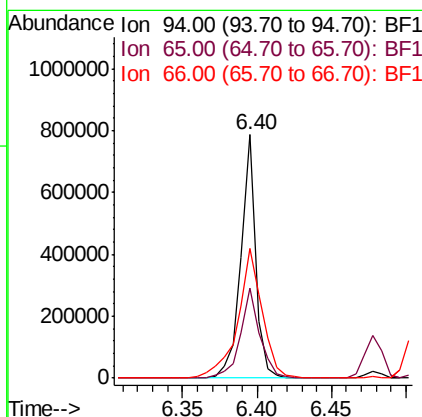
RT: 6.40 min Scan# 690

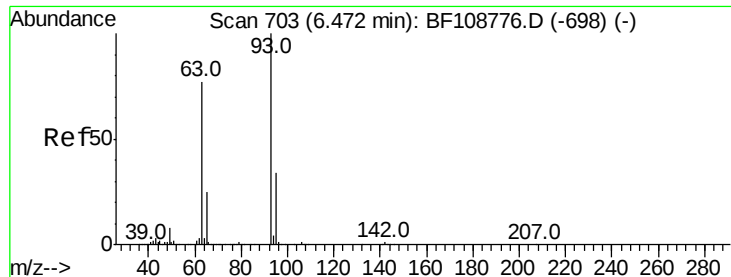
Delta R.T. 0.02 min

Lab File: BF108910.D

Acq: 10 Sep 2018 22:58

Tgt Ion:	94	Resp:	551946
Ion Ratio	Lower	Upper	
94	100		
65	36.9	7.9	47.9
66	53.4	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 38.789 ng

RT: 6.48 min Scan# 704

Delta R.T. 0.01 min

Lab File: BF108910.D

Acq: 10 Sep 2018 22:58

Instrument :

BNA_F

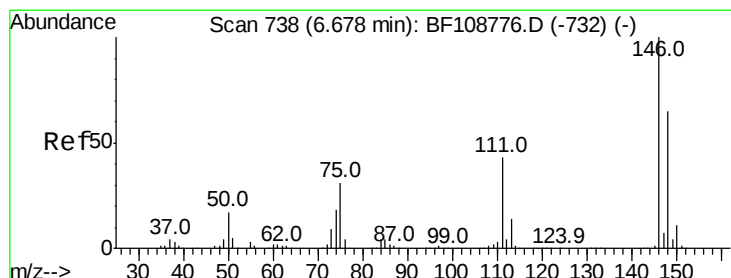
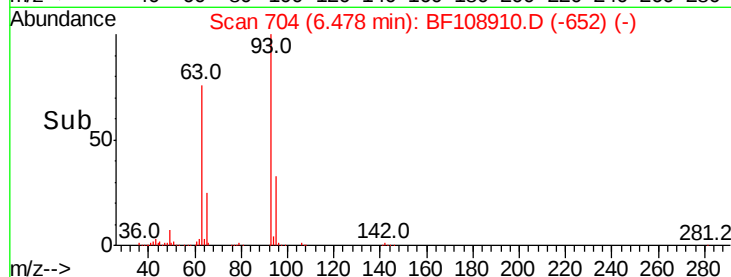
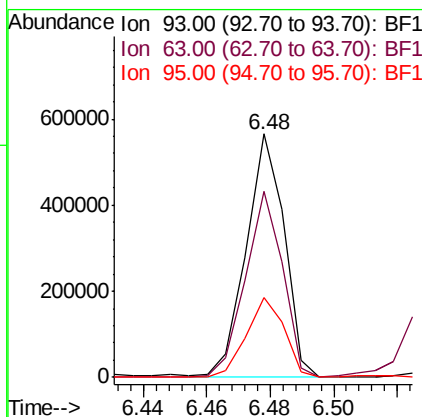
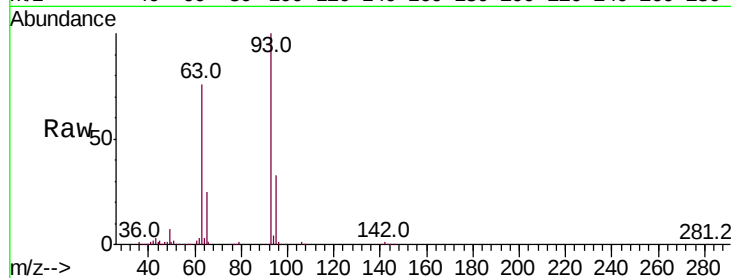
ClientSampleId :

PB112743BSD

Tot Ion:	93	Resp:	467322
Ion Ratio	Lower	Upper	
93	100		
63	76.3	58.6	98.6
95	32.5	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 40.292 ng

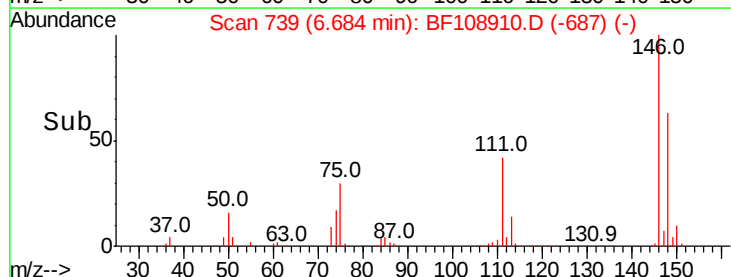
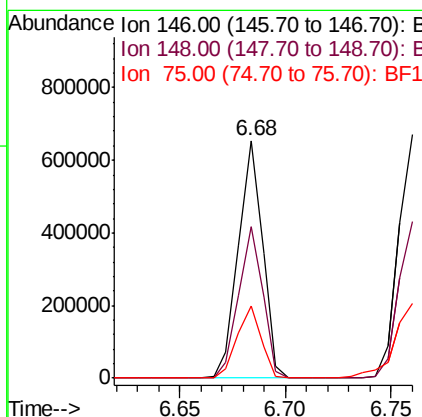
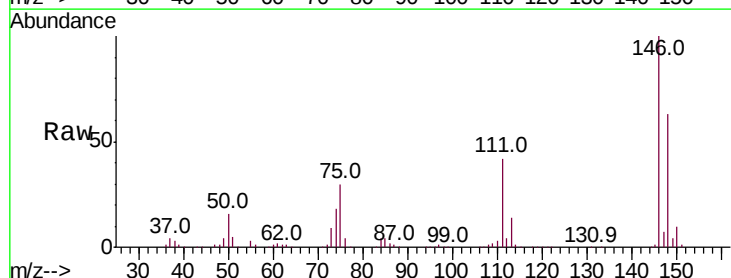
RT: 6.68 min Scan# 739

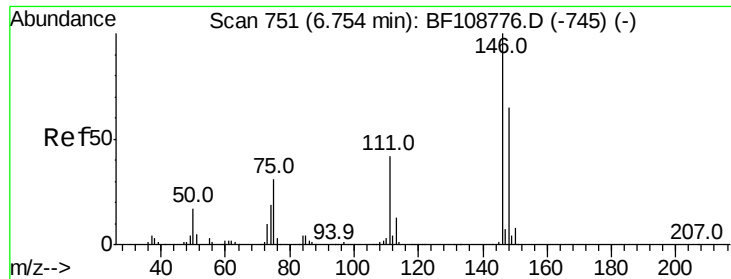
Delta R.T. 0.01 min

Lab File: BF108910.D

Acq: 10 Sep 2018 22:58

Tgt Ion:	146	Resp:	519387
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.8	77.8
75	30.1	24.2	36.4





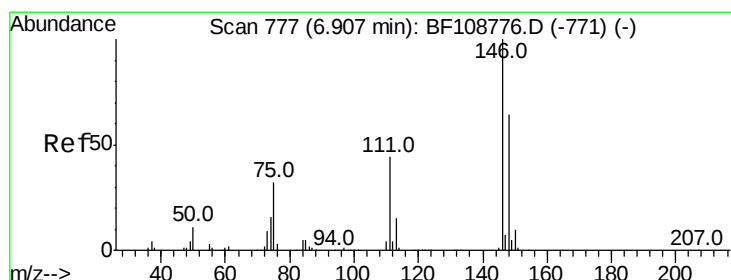
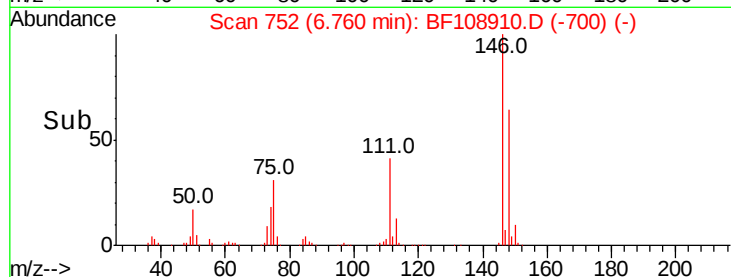
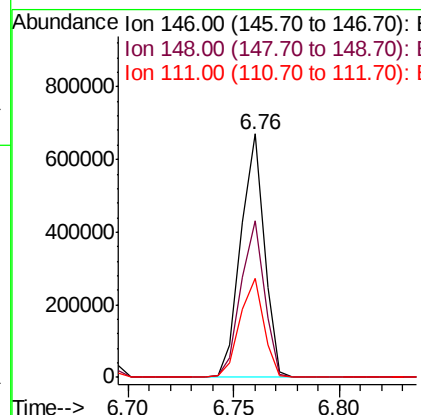
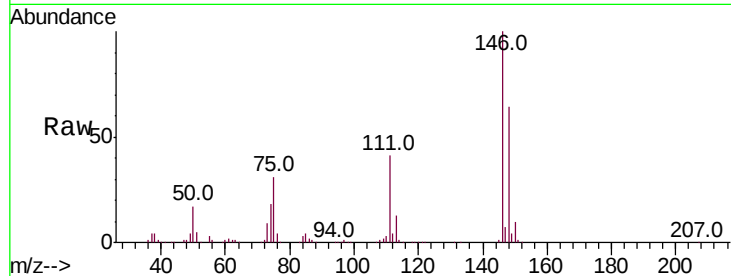
#13
 1,4-Dichlorobenzene
 Concen: 40.037 ng
 RT: 6.76 min Scan# 752
 Delta R.T. 0.01 min
 Lab File: BF108910.D
 Acq: 10 Sep 2018 22:58

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	40.5	34.2	51.2

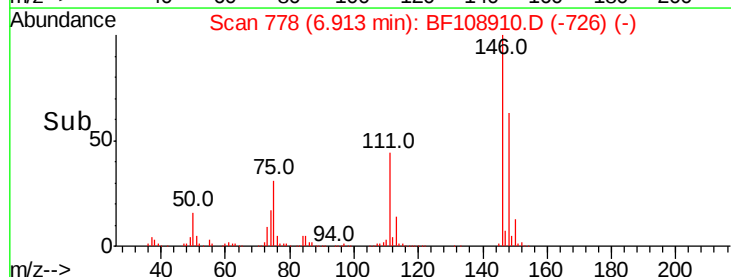
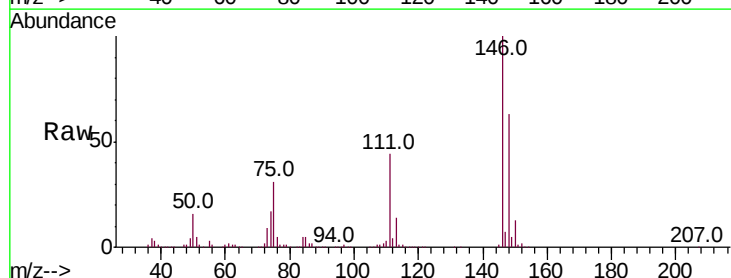
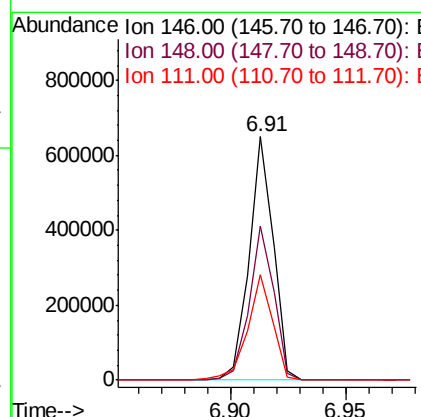
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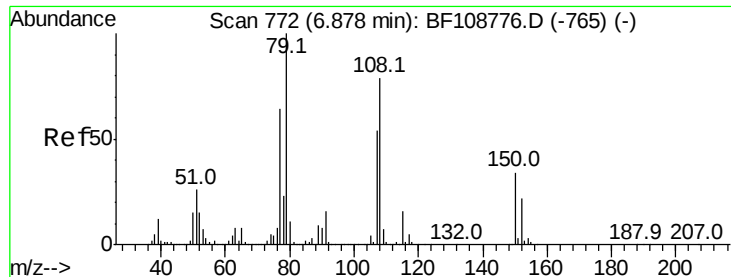
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#14
 1,2-Dichlorobenzene
 Concen: 39.975 ng
 RT: 6.91 min Scan# 778
 Delta R.T. 0.01 min
 Lab File: BF108910.D
 Acq: 10 Sep 2018 22:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	75.8
111	43.5	36.0	54.0





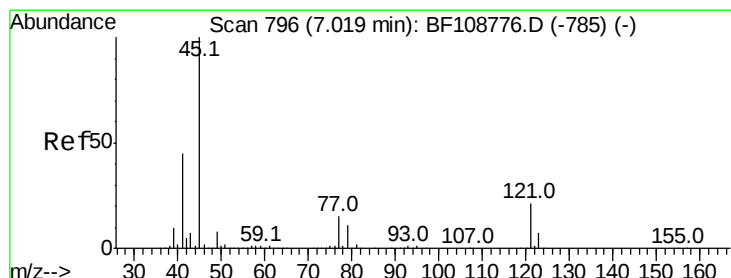
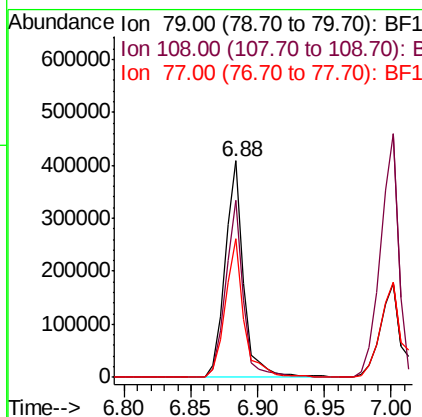
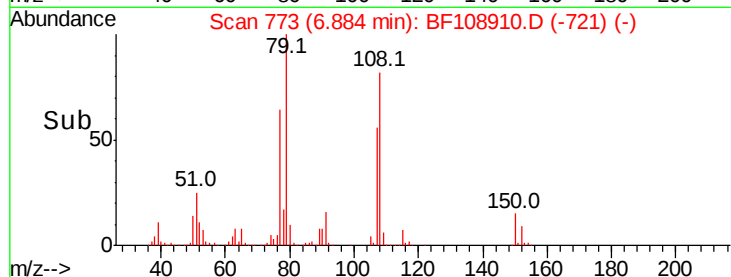
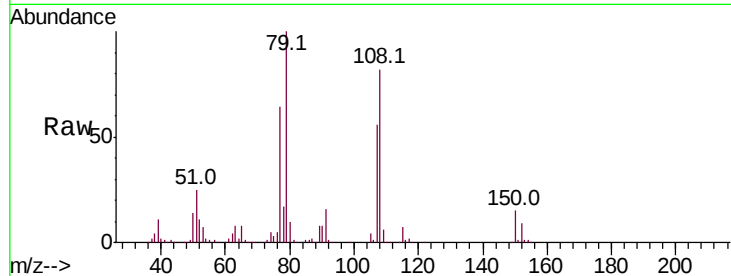
#15
Benzyl Alcohol
Concen: 39.482 ng
RT: 6.88 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	82.0	65.1	97.7	
77	63.9	50.6	75.8	

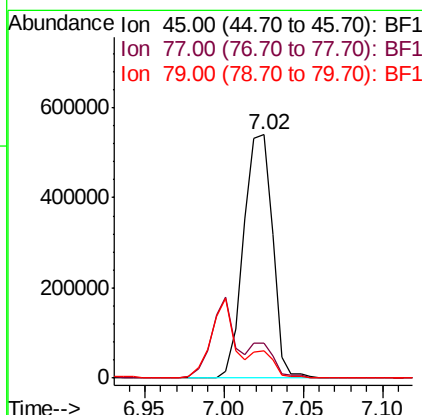
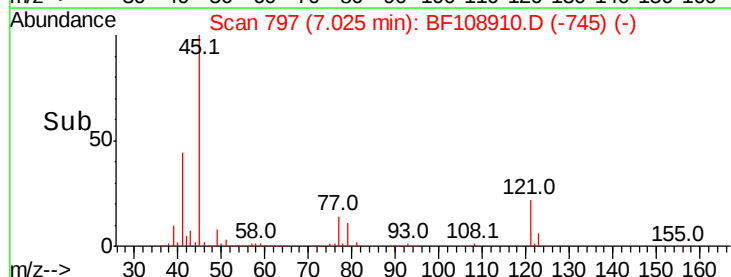
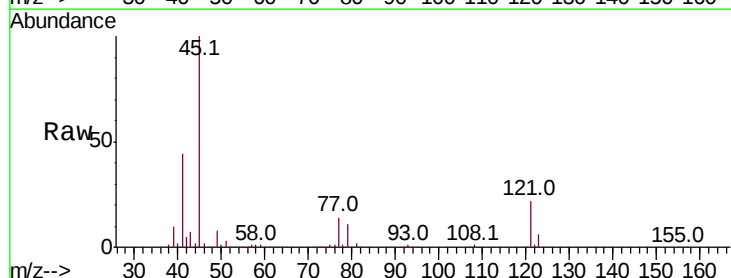
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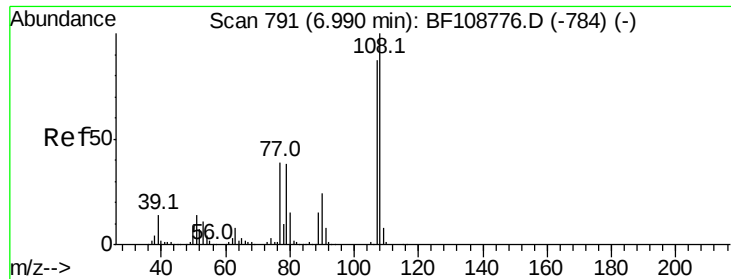
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.986 ng
RT: 7.02 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.1	0.0	32.9	
79	11.1	0.0	29.6	





#17

2-Methylphenol

Concen: 38.699 ng

RT: 7.00 min Scan# 793

Delta R.T. 0.01 min

Lab File: BF108910.D

Acq: 10 Sep 2018 22:58

Instrument :

BNA_F

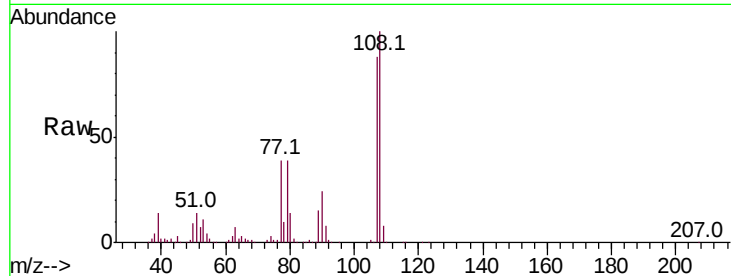
ClientSampleId :

PB112743BSD

Tot Ion:	107	Resp:	369429
Ion Ratio	Lower	Upper	
107	100		
108	114.2	91.7	137.5
77	44.8	33.8	50.8
79	44.0	33.8	50.8

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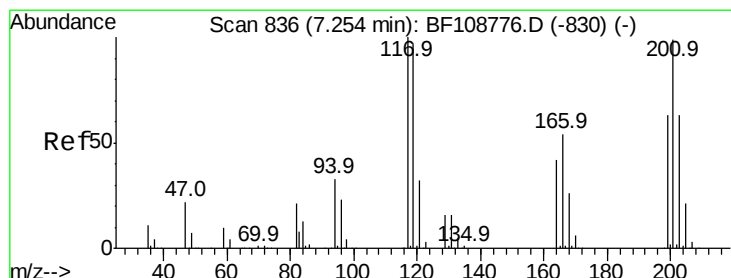
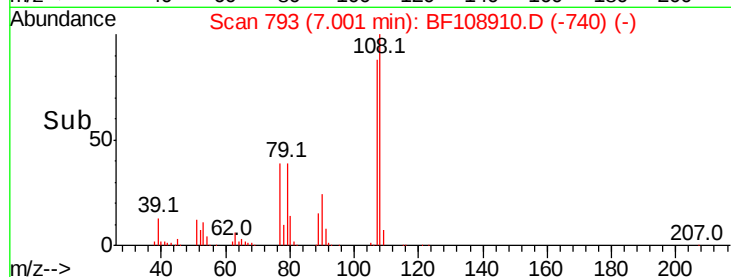
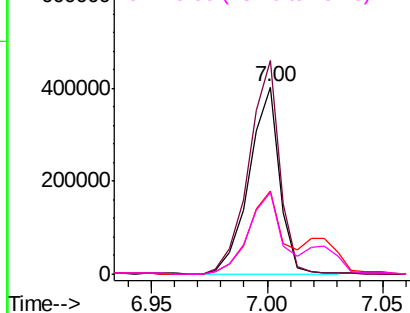
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 31.180 ng

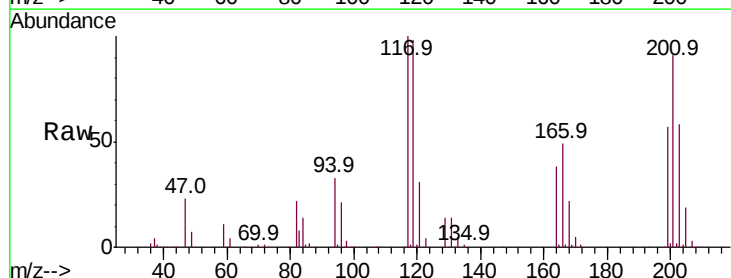
RT: 7.25 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF108910.D

Acq: 10 Sep 2018 22:58

Tgt Ion:	117	Resp:	144928
Ion Ratio	Lower	Upper	
117	100		
119	97.5	75.8	113.8
201	91.5	75.7	113.5

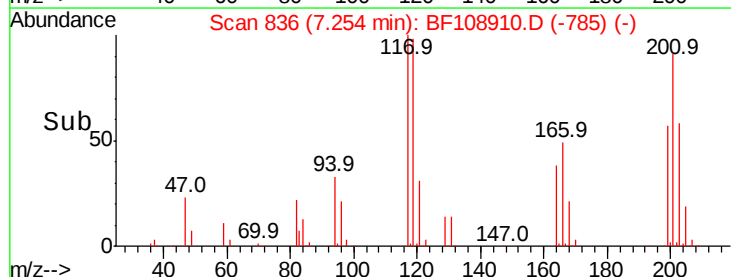
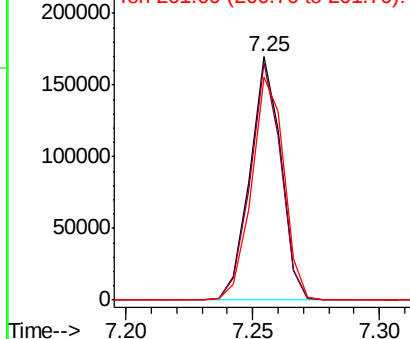


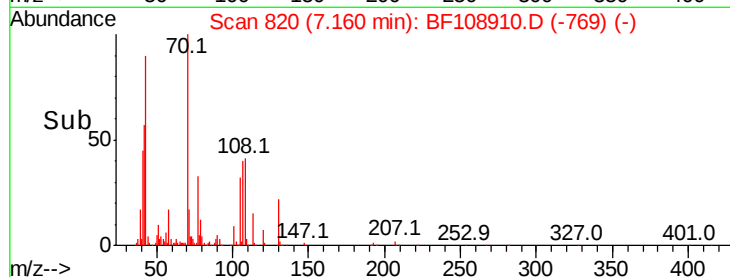
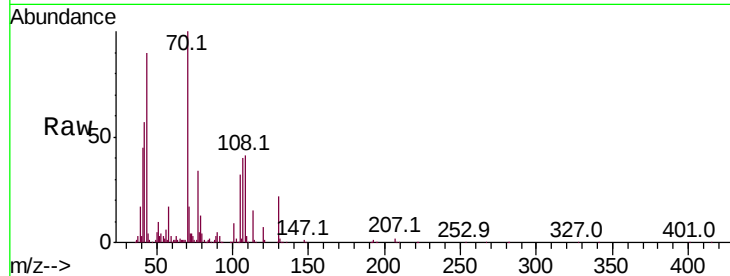
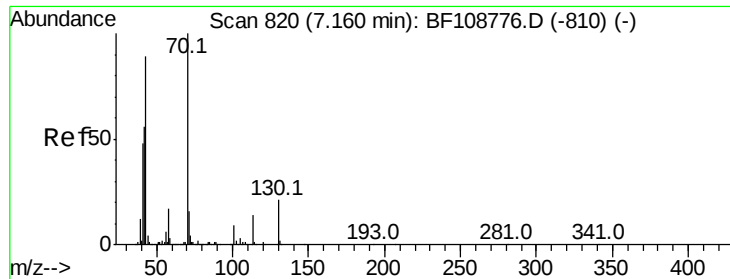
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





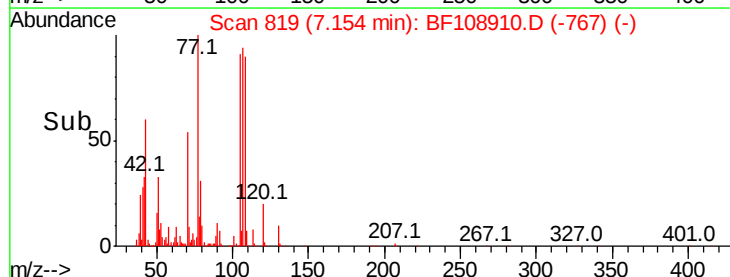
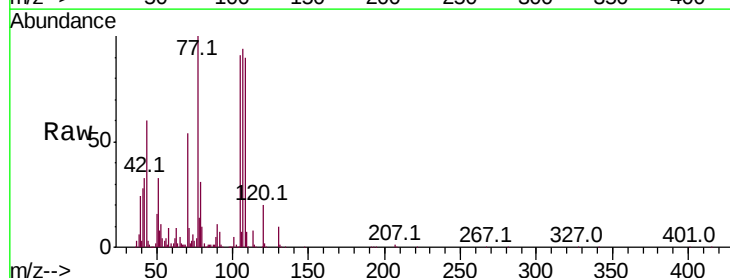
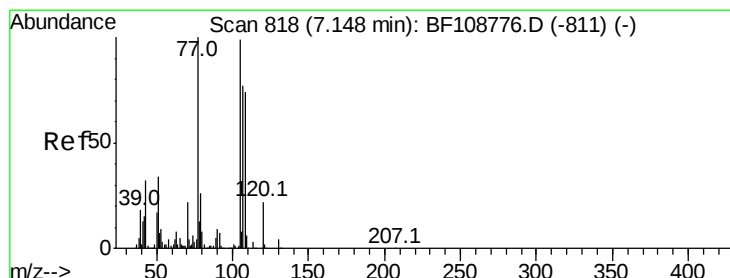
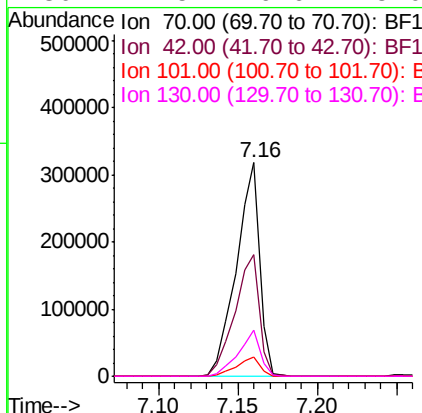
#19
n-Nitroso-di-n-propylamine
Concen: 35.385 ng
RT: 7.16 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.8	47.5	71.3
101	9.3	7.4	11.2
130	21.5	16.6	25.0

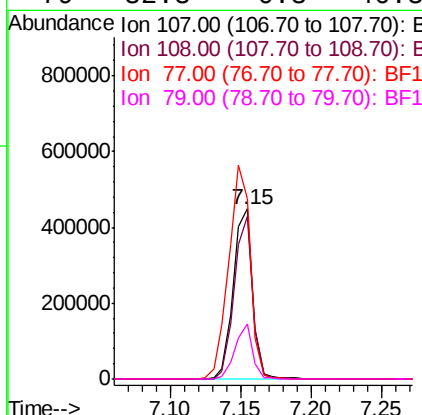
Manual Integrations
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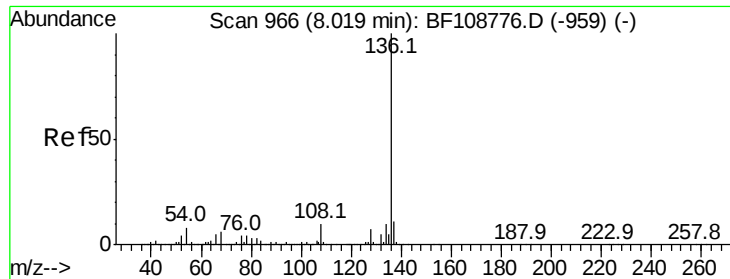
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#20
3+4-Methylphenols
Concen: 37.993 ng
RT: 7.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.4	68.2	108.2
77	105.9	26.7	66.7#
79	32.3	6.3	46.3





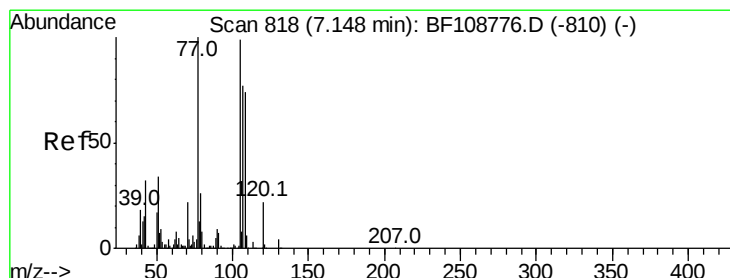
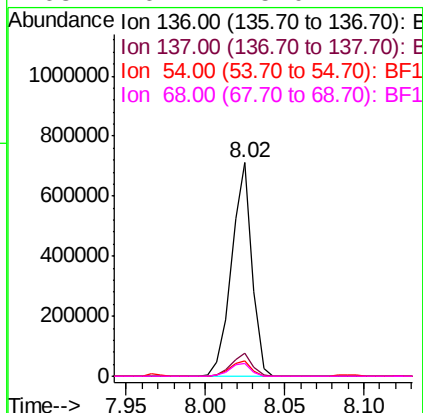
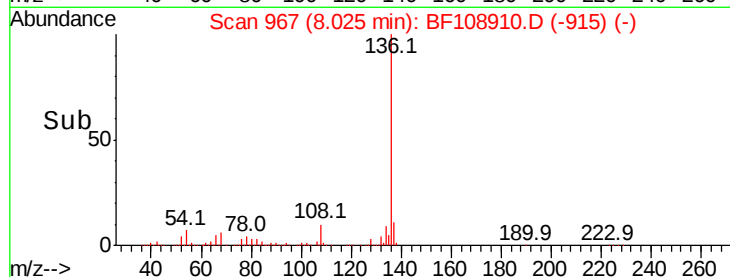
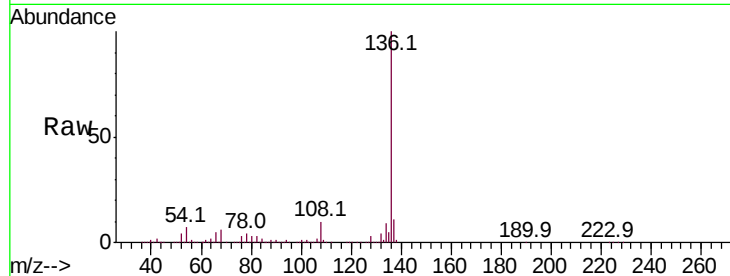
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 967
Delta R.T. 0.01 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	632719		
137	11.1		8.9	13.3
54	7.3		6.6	9.8
68	6.2		5.0	7.4

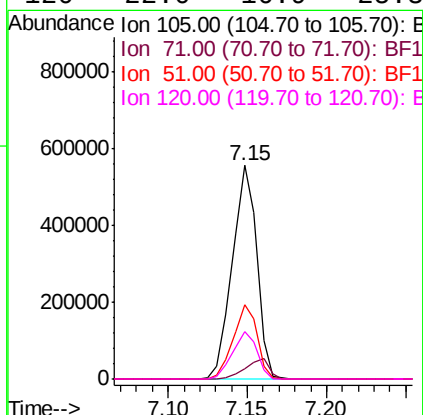
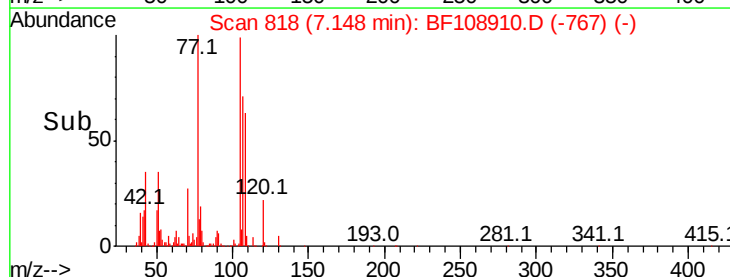
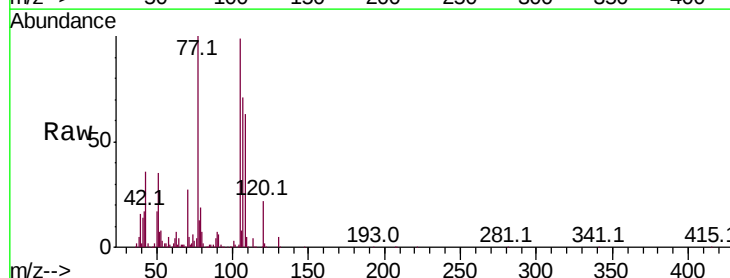
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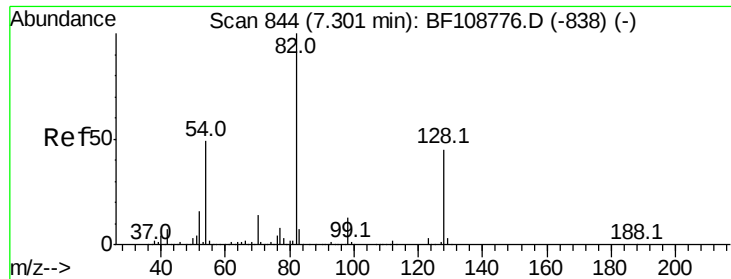
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#22
Acetophenone
Concen: 41.371 ng
RT: 7.15 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	594079		
71	4.9		4.4	6.6
51	35.0		22.3	33.5#
120	22.0		16.9	25.3





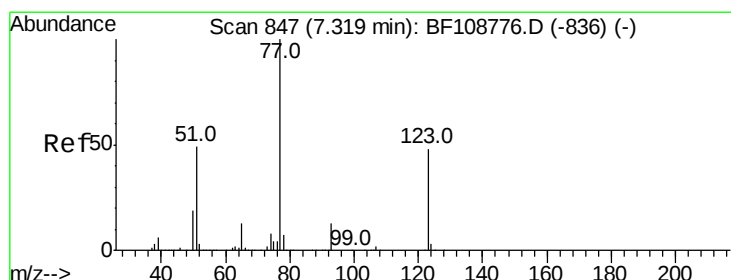
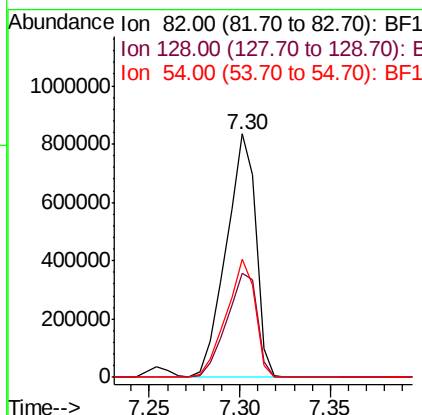
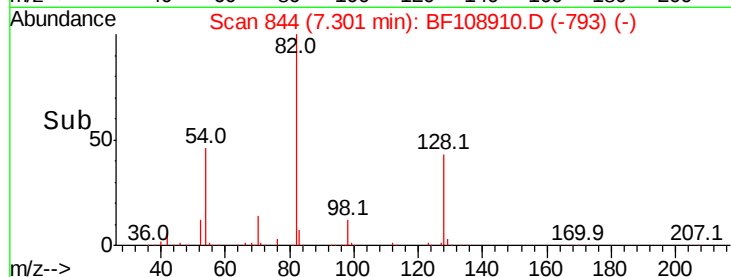
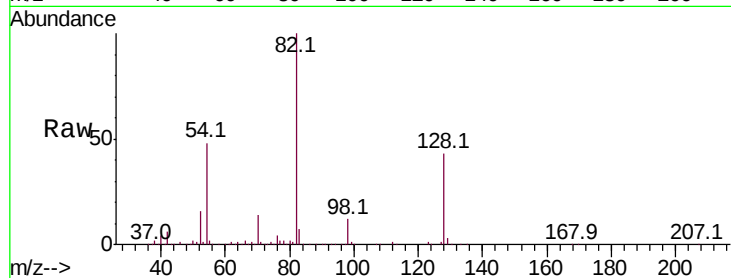
#23
Nitrobenzene-d5
Concen: 93.649 ng
RT: 7.30 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	36.1	54.1
54	48.3	41.4	62.2

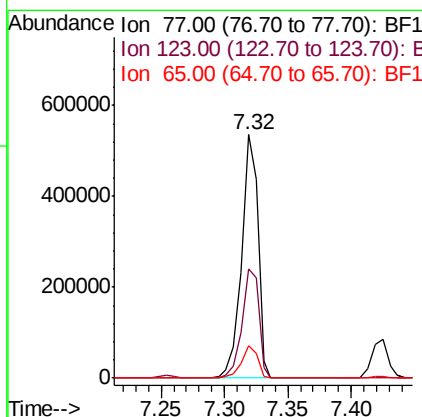
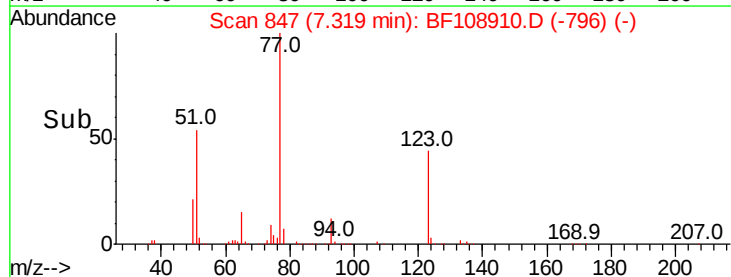
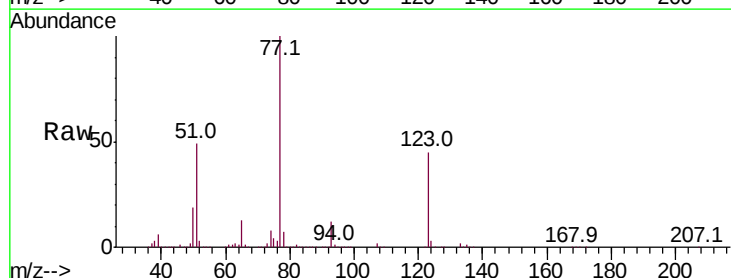
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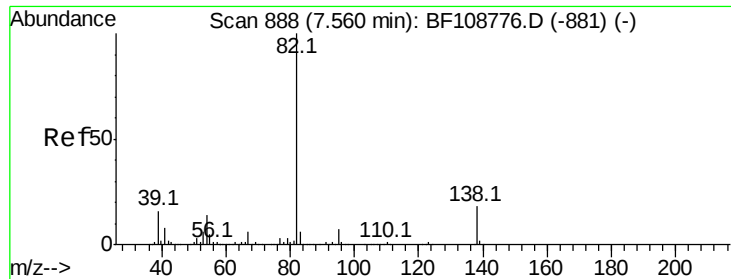
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#24
Nitrobenzene
Concen: 43.684 ng
RT: 7.32 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.7	37.9	56.9
65	13.4	11.0	16.4





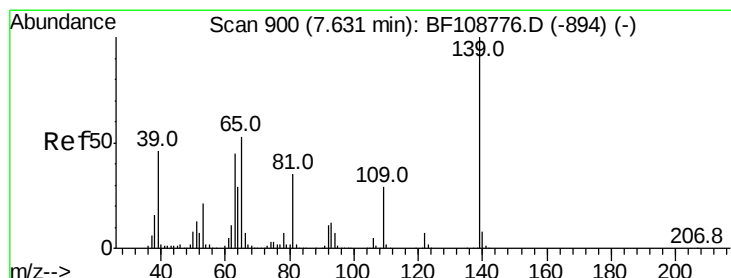
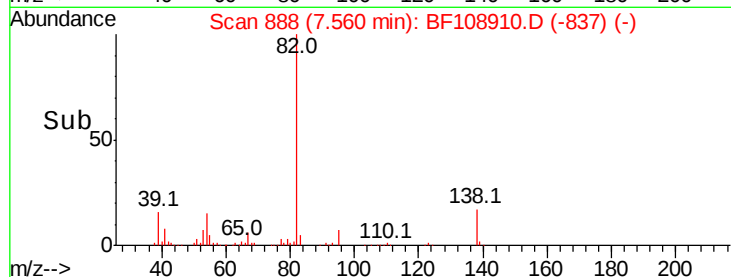
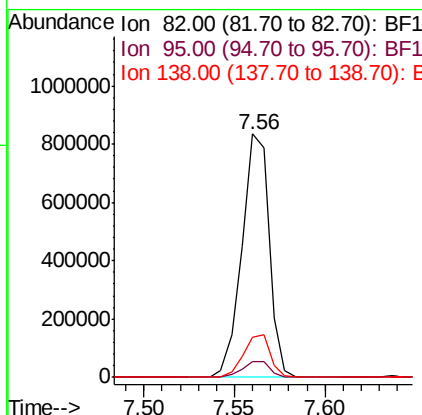
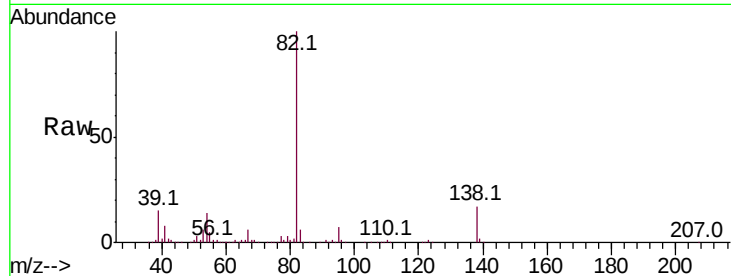
#25
Isophorone
Concen: 43.336 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.7	5.2	7.8	
138	16.6	14.9	22.3	

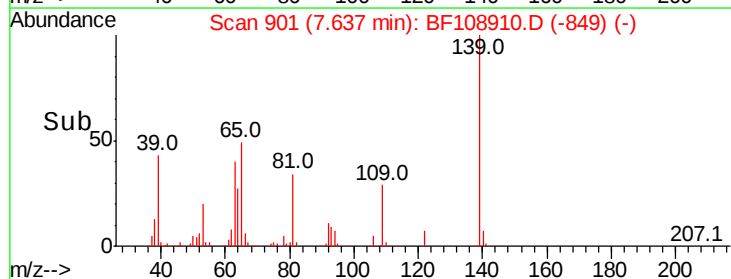
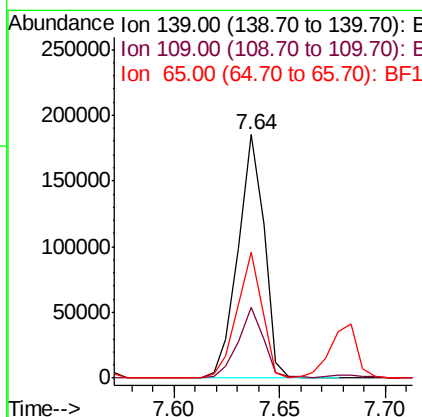
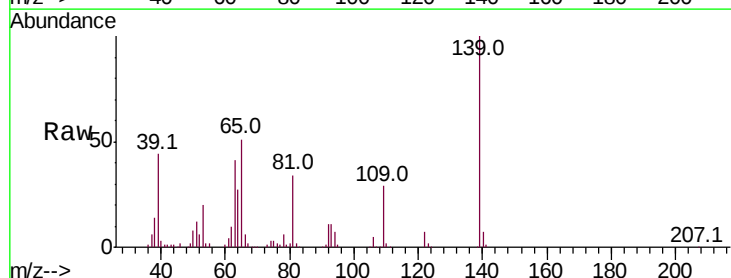
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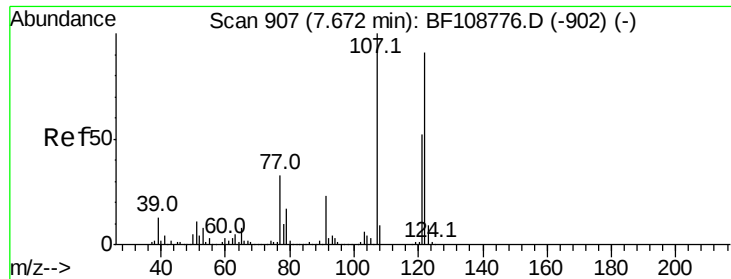
Sohil
9/11/2018 9:34:26 AM



#26
2-Nitrophenol
Concen: 37.091 ng
RT: 7.64 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	29.1	22.7	34.1	
65	51.5	40.5	60.7	





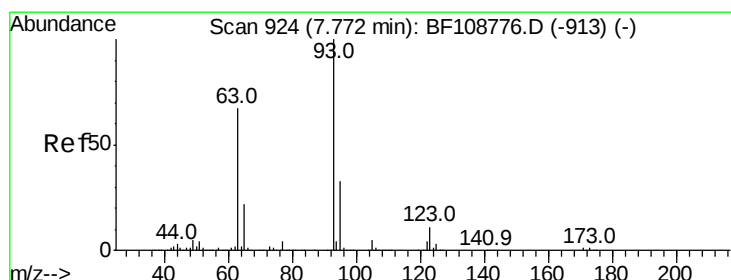
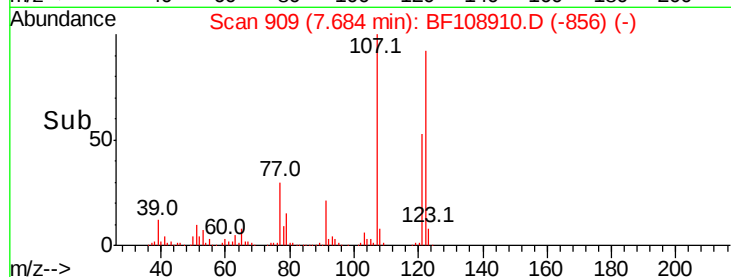
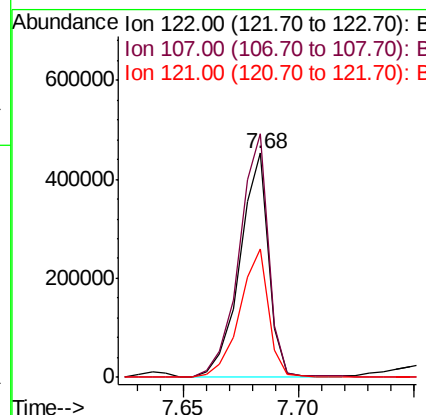
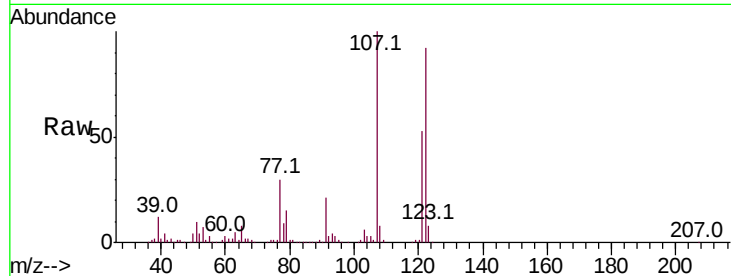
#27
 2,4-Dimethylphenol
 Concen: 45.532 ng
 RT: 7.68 min Scan# 909
 Delta R.T. 0.01 min
 Lab File: BF108910.D
 Acq: 10 Sep 2018 22:58

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	395168		
107	108.7	91.2	136.8	
121	57.2	47.2	70.8	

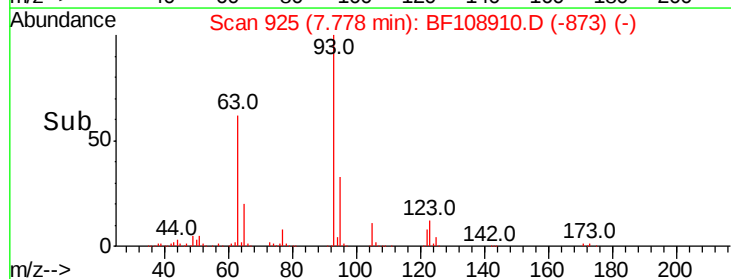
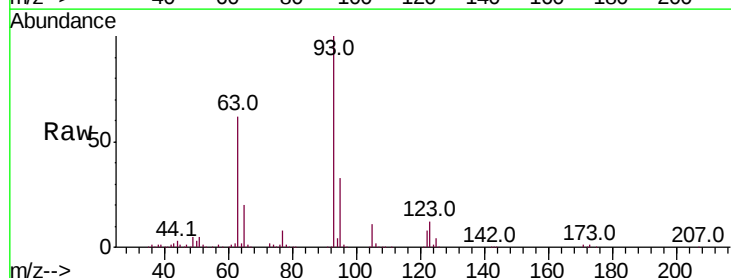
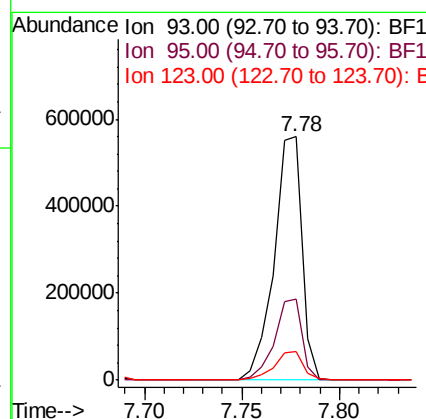
Manual Integrations
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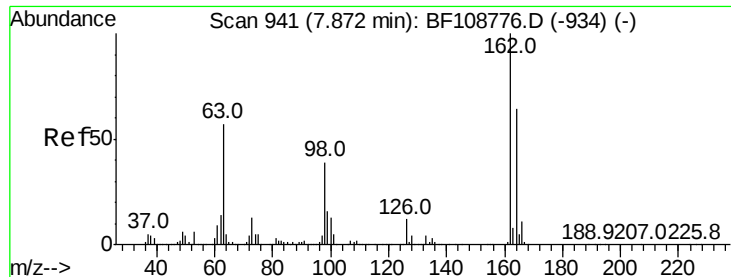
Sohil
 9/11/2018 9:34:26 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.142 ng
 RT: 7.78 min Scan# 925
 Delta R.T. 0.01 min
 Lab File: BF108910.D
 Acq: 10 Sep 2018 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	554731		
95	33.2	26.3	39.5	
123	12.0	9.8	14.6	





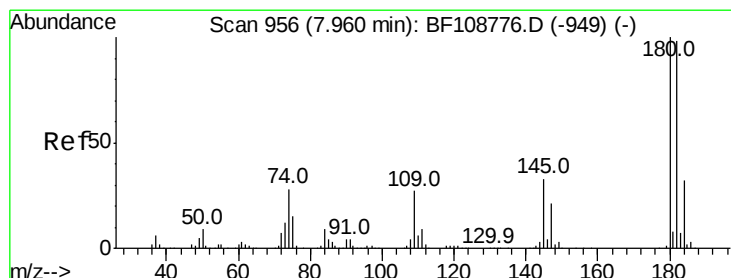
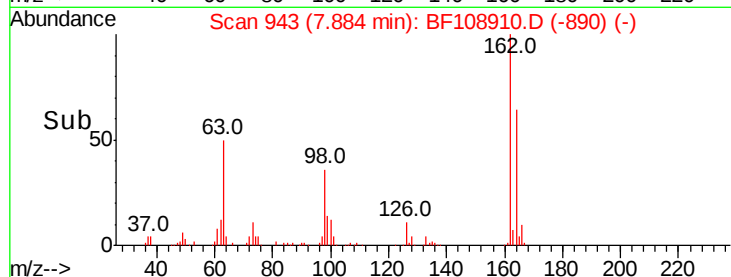
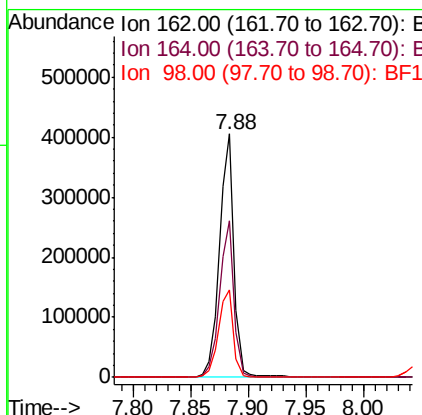
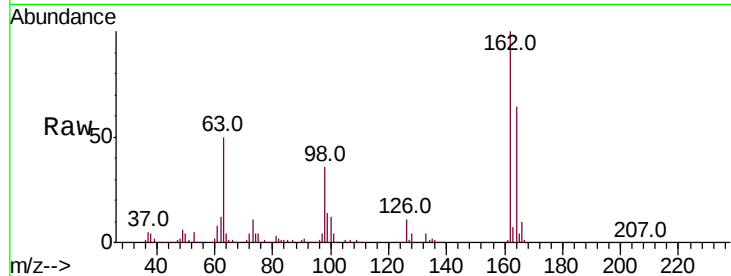
#29
 2,4-Dichlorophenol
 Concen: 39.423 ng
 RT: 7.88 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: BF108910.D
 Acq: 10 Sep 2018 22:58

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BSD

Tot Ion:	162	Resp:	352795
Ion Ratio	Lower	Upper	
162	100		
164	64.4	42.7	82.7
98	35.7	18.1	58.1

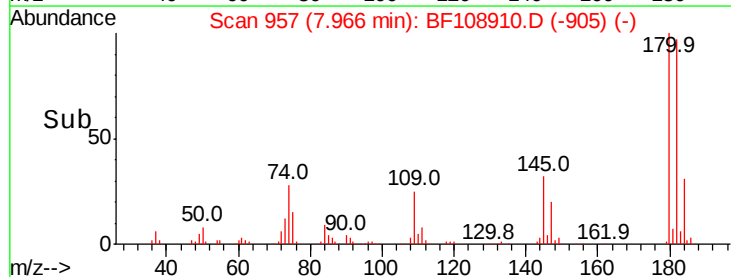
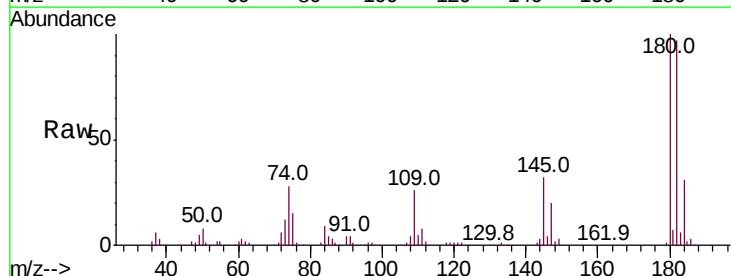
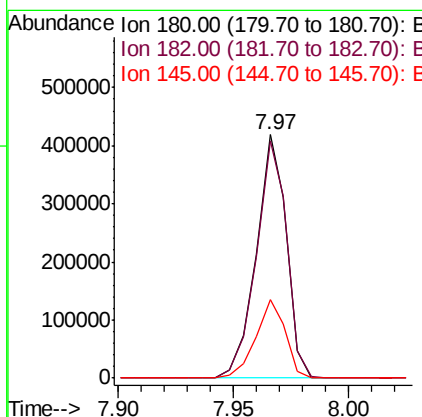
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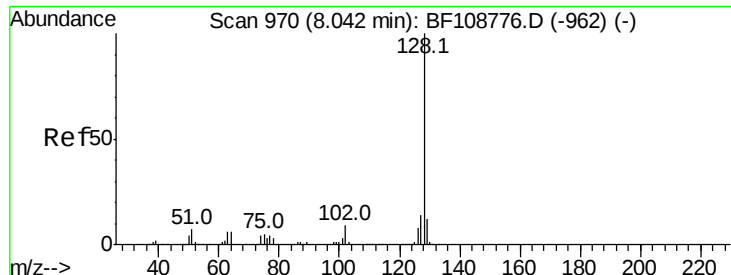
Sohil
 9/11/2018 9:34:26 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.320 ng
 RT: 7.97 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: BF108910.D
 Acq: 10 Sep 2018 22:58

Tgt Ion:	180	Resp:	381346
Ion Ratio	Lower	Upper	
180	100		
182	97.3	76.8	115.2
145	32.0	26.5	39.7





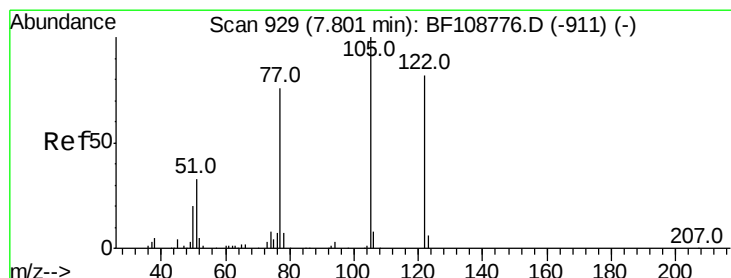
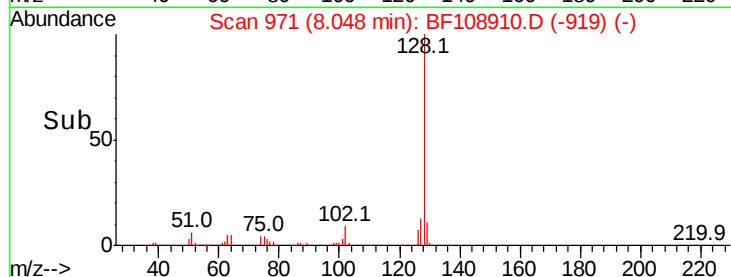
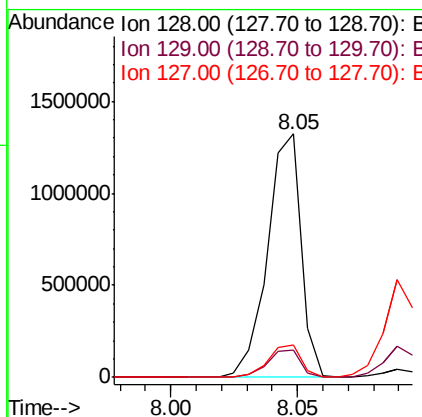
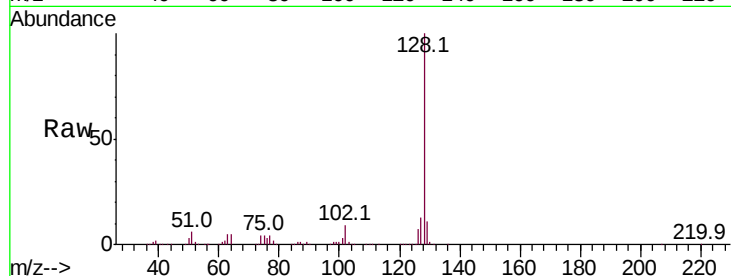
#31
Naphthalene
Concen: 43.292 ng
RT: 8.05 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.4	10.9	16.3

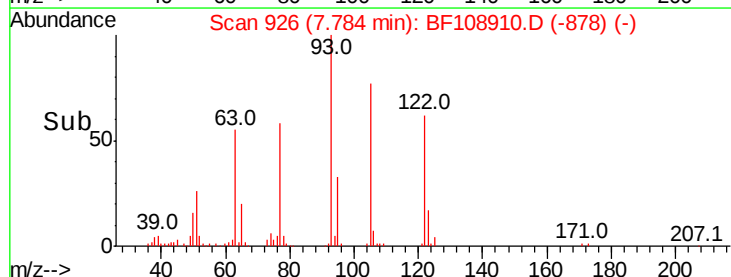
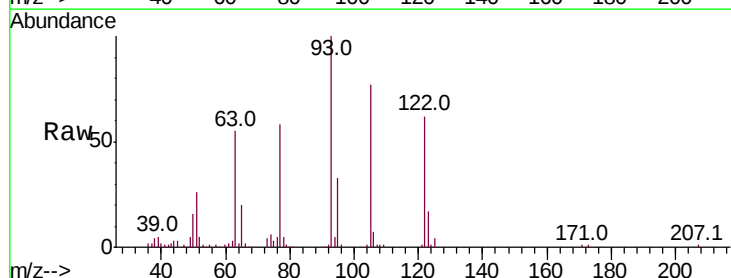
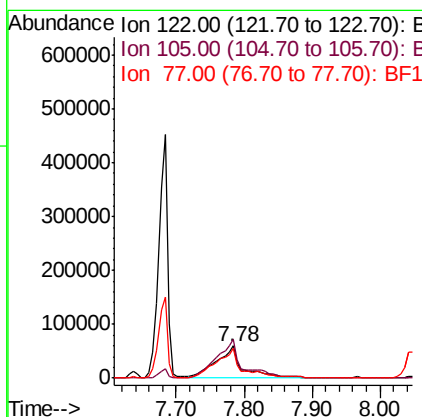
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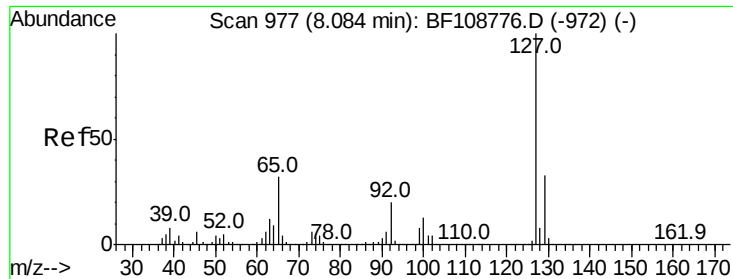
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#32
Benzoic acid
Concen: 31.595 ng m
RT: 7.78 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.8	101.1	141.1
77	93.2	70.7	110.7





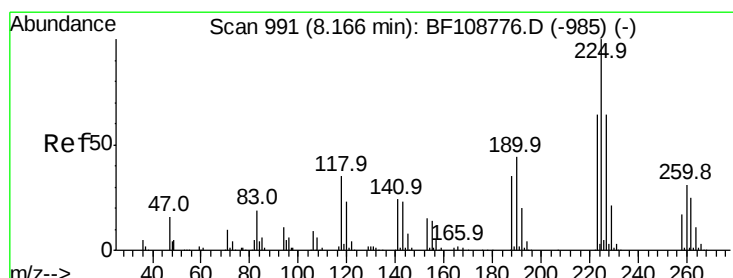
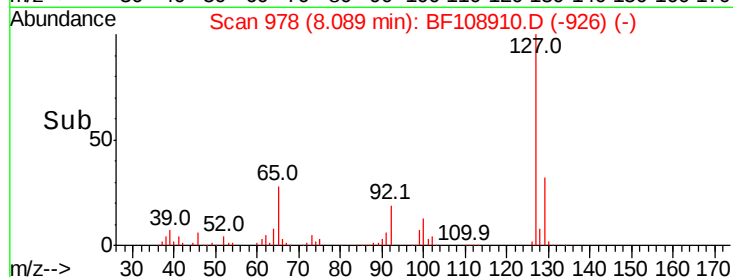
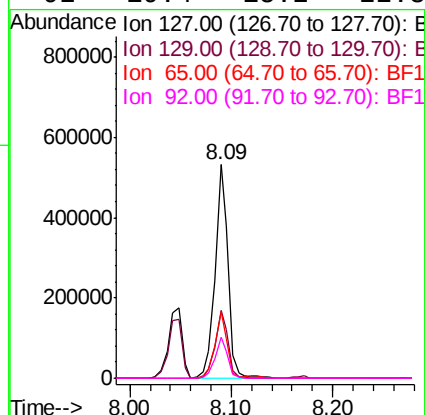
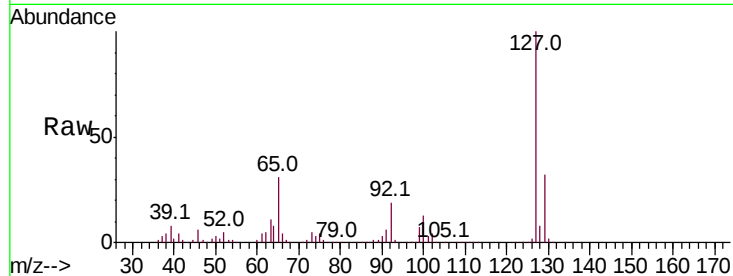
#33
4-Chloroaniline
Concen: 36.031 ng
RT: 8.09 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
471063	127	100			
	129	31.8	25.9	38.9	
	65	31.1	25.0	37.4	
	92	19.4	15.2	22.8	

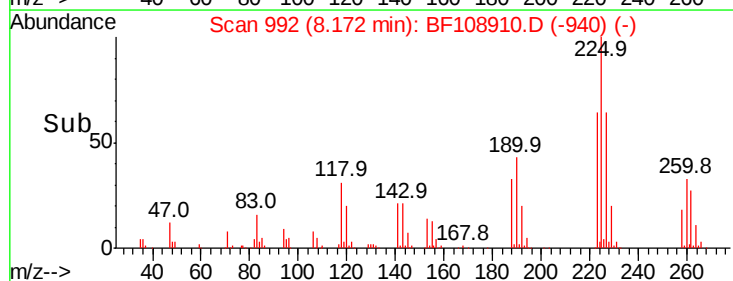
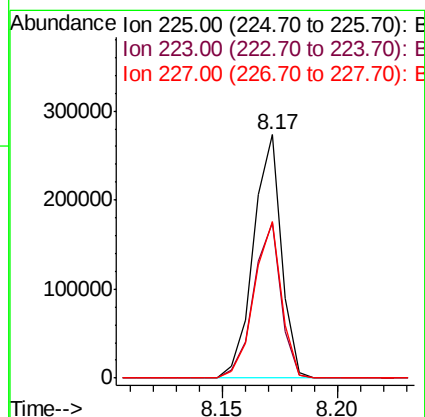
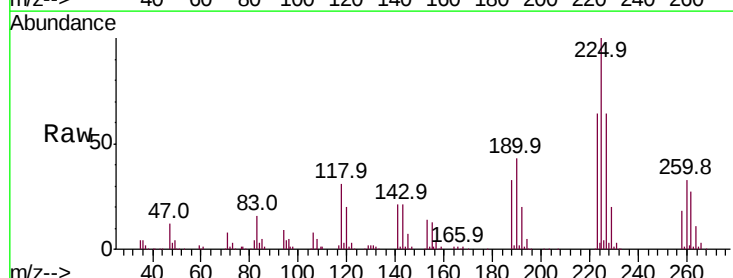
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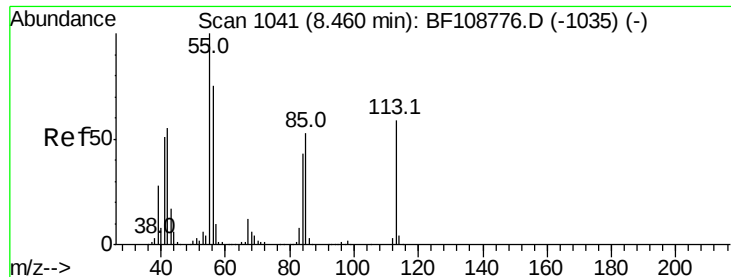
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#34
Hexachlorobutadiene
Concen: 39.867 ng
RT: 8.17 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
230982	225	100			
	223	63.6	50.6	76.0	
	227	64.1	51.9	77.9	





#35

Caprolactam

Concen: 36.621 ng/ml

RT: 8.45 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF108910.D

Acq: 10 Sep 2018 22:58

Instrument :

BNA_F

ClientSampleId :

PB112743BSD

Tot Ion: 113 Resp: 111053

Ion Ratio Lower Upper

113 100

55 167.0 163.3 203.3

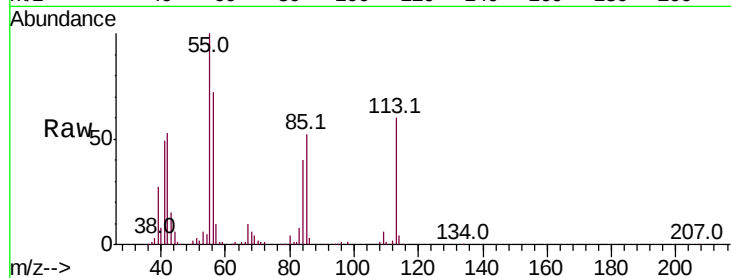
56 120.6 115.7 155.7

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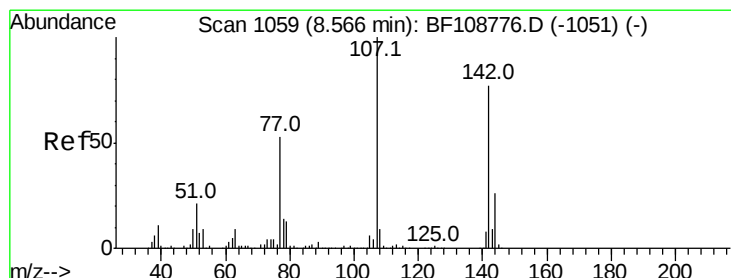
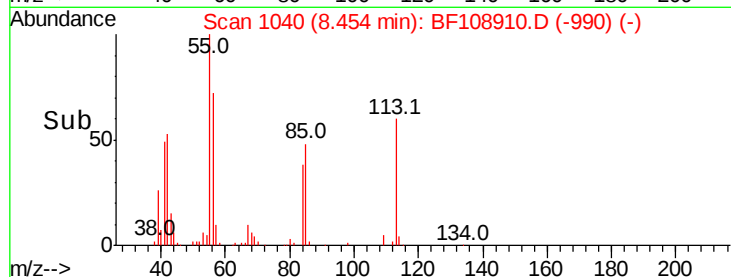
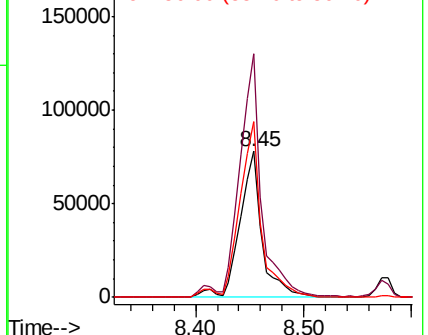
9/11/2018 9:34:26 AM



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: 36.194 ng/ml

RT: 8.57 min Scan# 1060

Delta R.T. 0.01 min

Lab File: BF108910.D

Acq: 10 Sep 2018 22:58

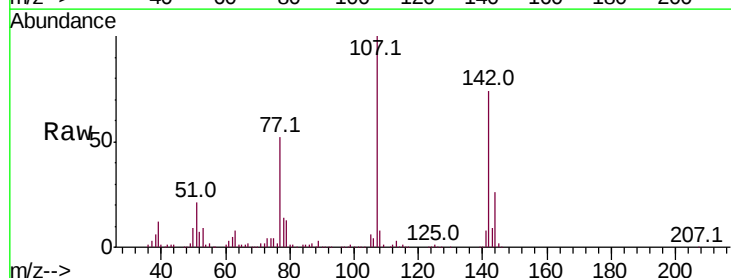
Tgt Ion: 107 Resp: 345049

Ion Ratio Lower Upper

107 100

144 26.0 20.5 30.7

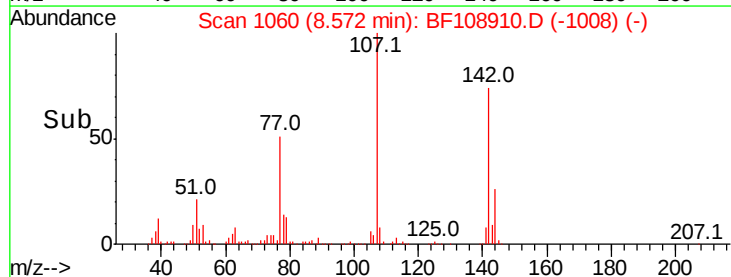
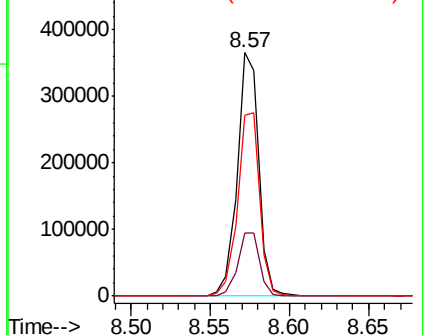
142 74.3 62.0 93.0

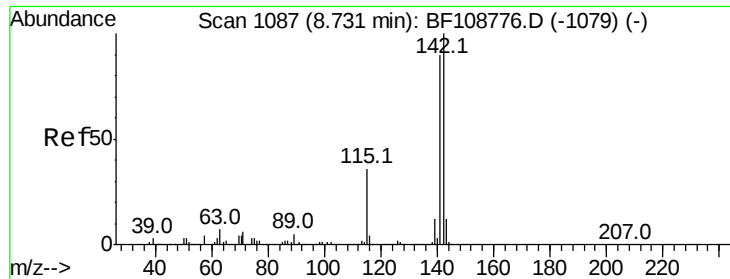


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





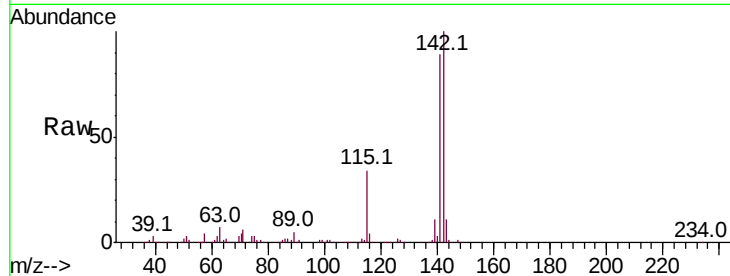
#37
2-Methylnaphthalene
Concen: 41.295 ng
RT: 8.74 min Scan# 1088
Delta R.T. 0.01 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	776595		
141	88.8		70.8	106.2
115	34.2		26.1	39.1

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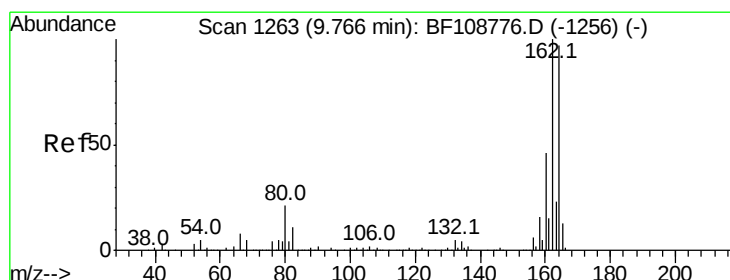
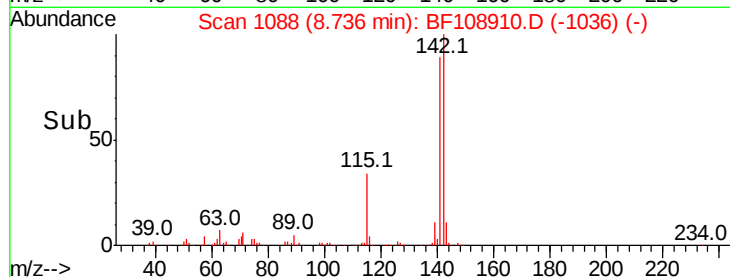
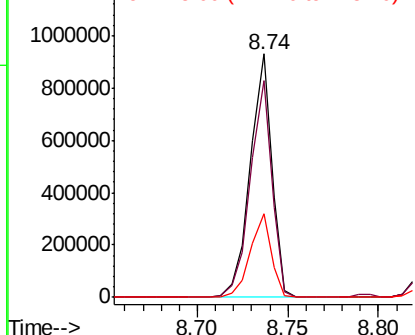


Abundance

Ion 142.00 (141.70 to 142.70): E

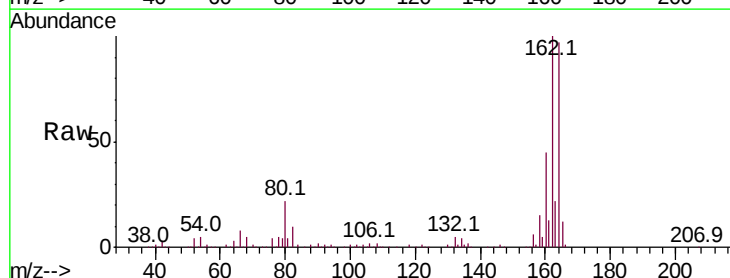
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	251061		
162	102.9		86.1	129.1
160	46.0		38.3	57.5

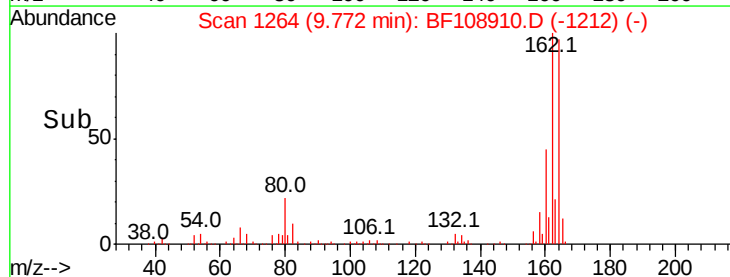
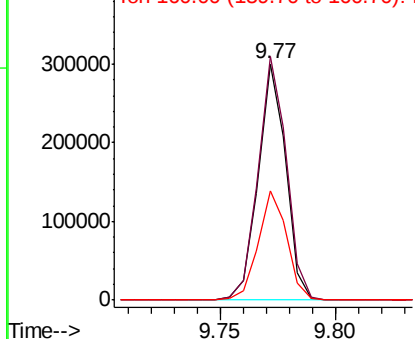


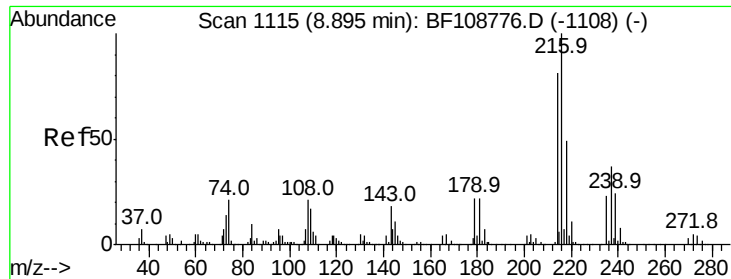
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





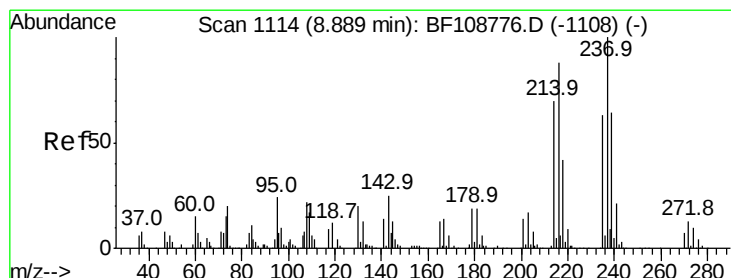
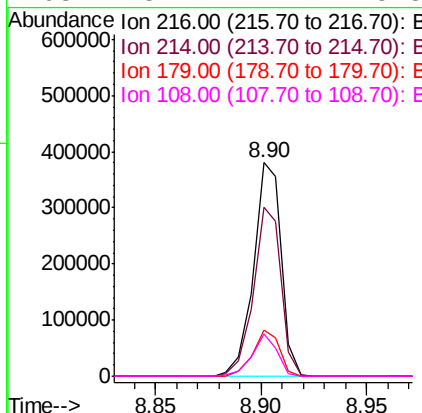
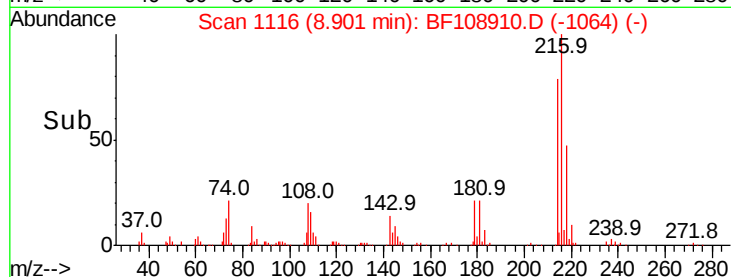
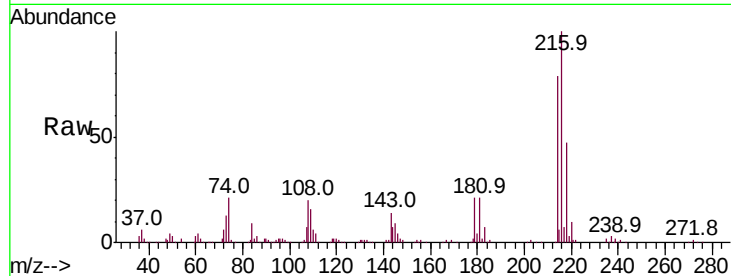
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.360 ng
 RT: 8.90 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF108910.D
 Acq: 10 Sep 2018 22:58

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BSD

Tot Ion:	216	Resp:	347929
Ion Ratio	Lower	Upper	
216	100		
214	78.4	63.0	94.4
179	20.6	18.1	27.1
108	18.1	17.2	25.8

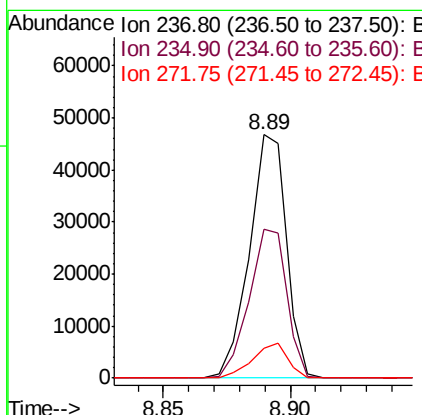
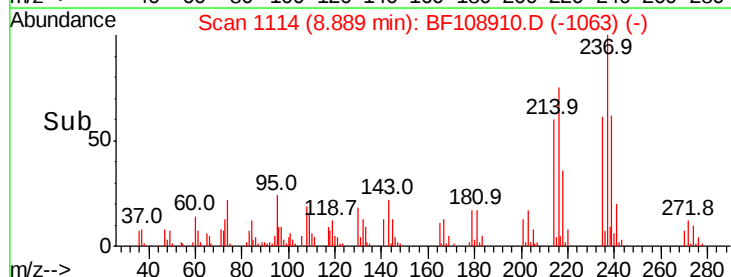
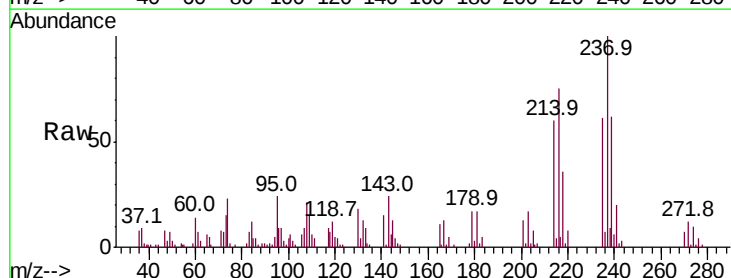
Manual Integrations
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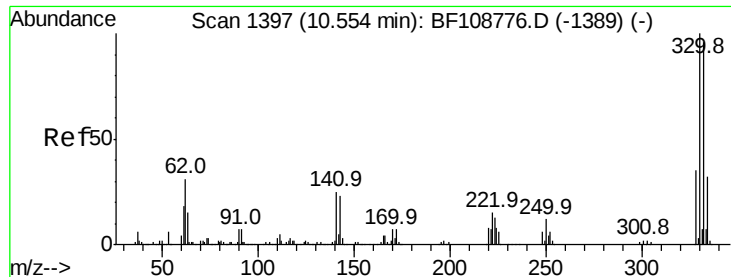
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 12.652 ng
 RT: 8.89 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF108910.D
 Acq: 10 Sep 2018 22:58

Tgt Ion:	237	Resp:	47768
Ion Ratio	Lower	Upper	
237	100		
235	61.3	44.8	84.8
272	12.4	0.0	33.3





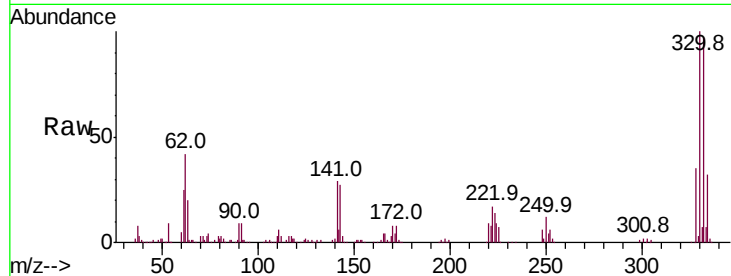
#41
 2,4,6-Tribromophenol
 Concen: 118.590 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BF108910.D
 Acq: 10 Sep 2018 22:58

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	284231		
332	96.0	77.0	115.6	
141	32.3	29.9	44.9	

Manual Integrations
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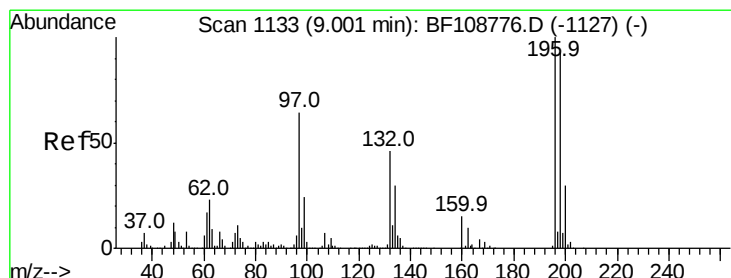
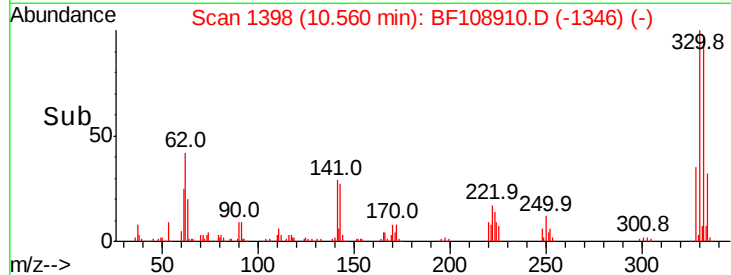
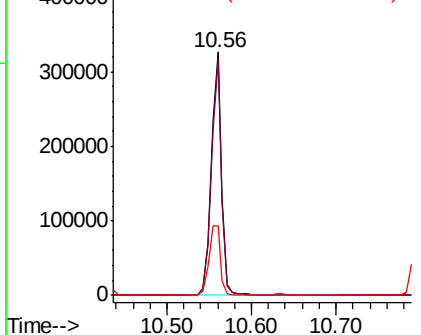


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 43.352 ng
 RT: 9.01 min Scan# 1135
 Delta R.T. 0.01 min
 Lab File: BF108910.D
 Acq: 10 Sep 2018 22:58

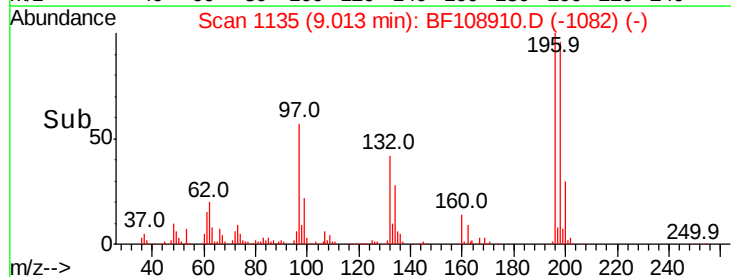
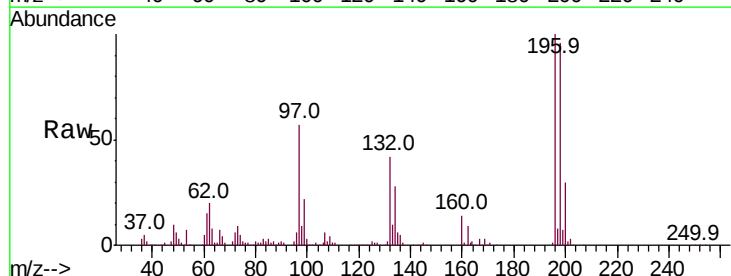
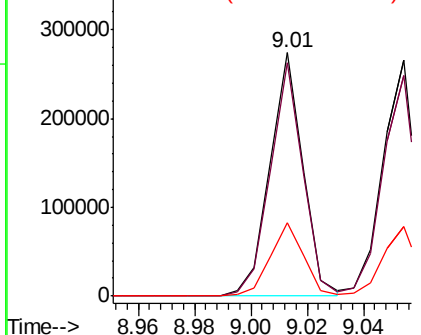
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	221608		
198	95.6	75.7	113.5	
200	30.1	24.5	36.7	

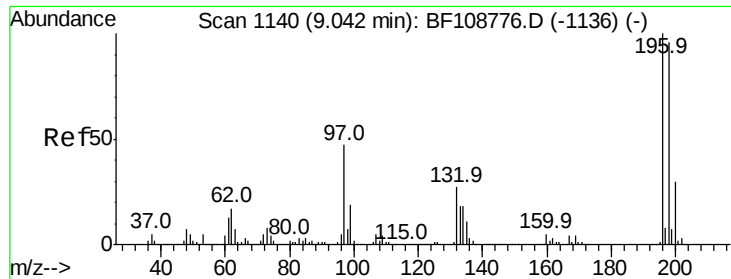
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





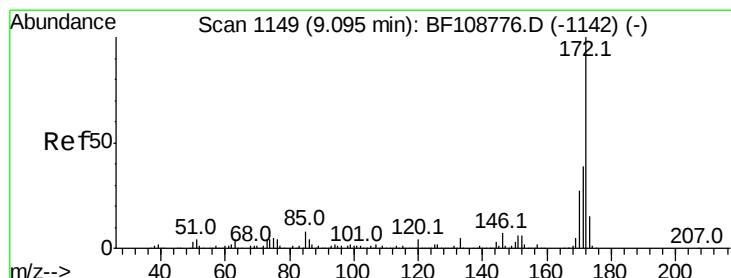
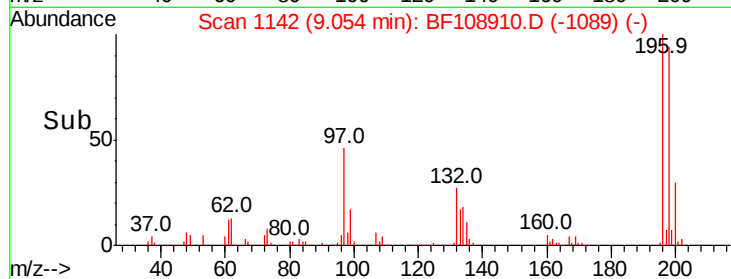
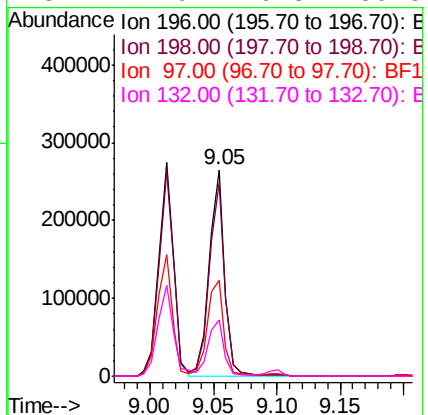
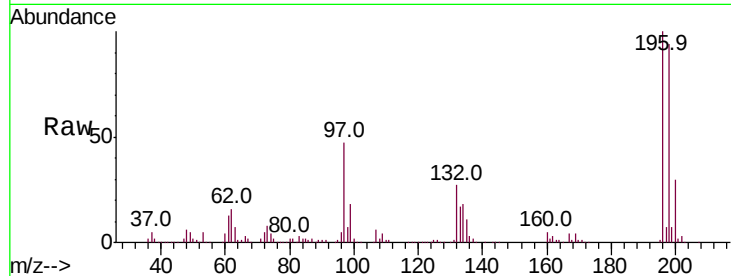
#43
 2,4,5-Trichlorophenol
 Concen: 42.696 ng
 RT: 9.05 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF108910.D
 Acq: 10 Sep 2018 22:58

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	226235		
198	93.7	74.6	112.0	
97	46.5	42.9	64.3	
132	27.0	26.3	39.5	

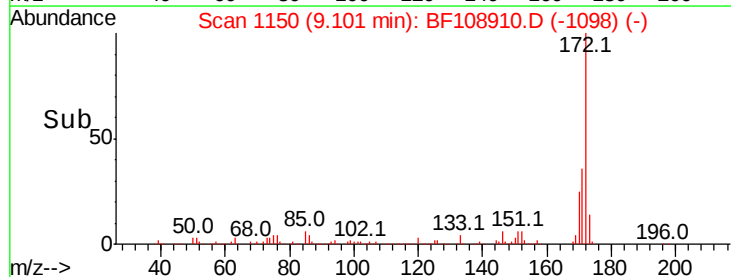
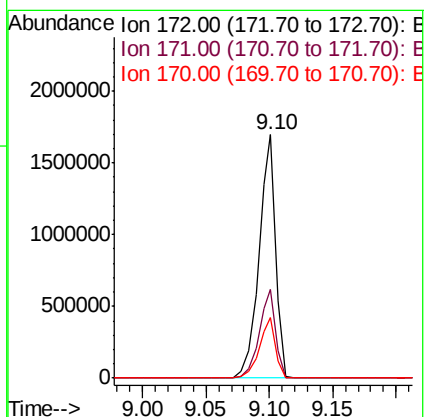
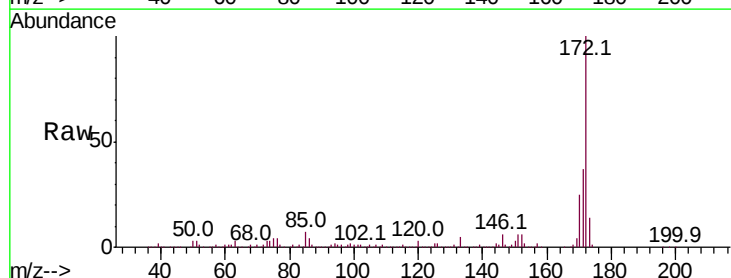
Manual Integrations
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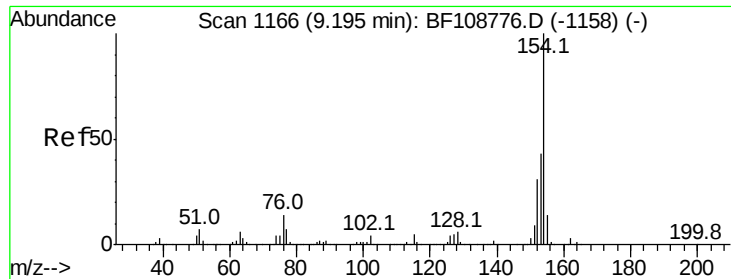
Sohil
 9/11/2018 9:34:26 AM



#44
 2-Fluorobiphenyl
 Concen: 106.295 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BF108910.D
 Acq: 10 Sep 2018 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1564294		
171	36.5	29.7	44.5	
170	25.0	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 45.638 ng

RT: 9.20 min Scan# 1167

Delta R.T. 0.01 min

Lab File: BF108910.D

Acq: 10 Sep 2018 22:58

Instrument :

BNA_F

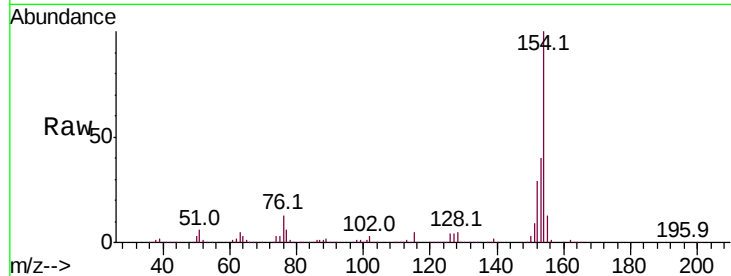
ClientSampled :

PB112743BSD

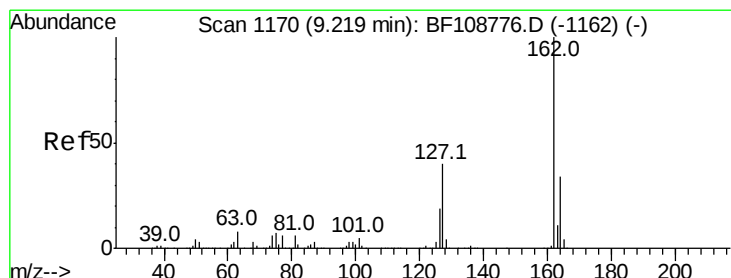
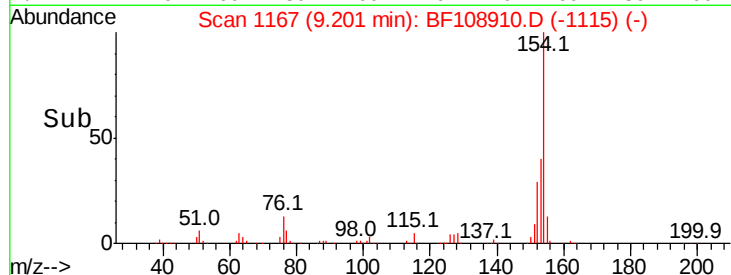
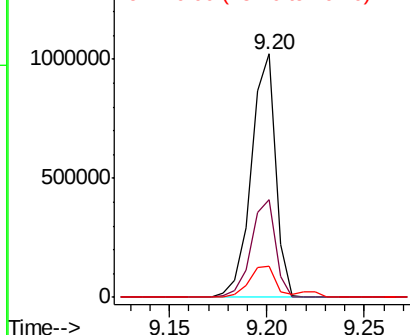
Tot Ion:	154	Resp:	882102
Ion Ratio	Lower	Upper	
154	100		
153	40.3	21.3	61.3
76	12.6	0.0	34.0

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 42.930 ng

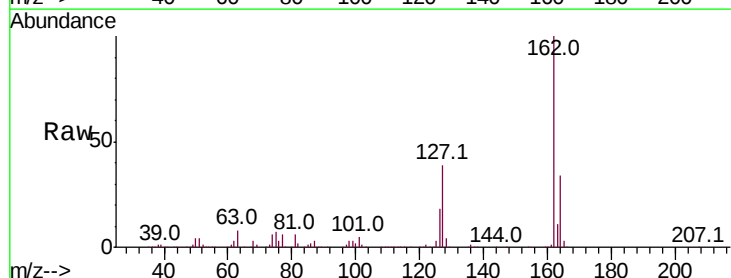
RT: 9.22 min Scan# 1171

Delta R.T. 0.01 min

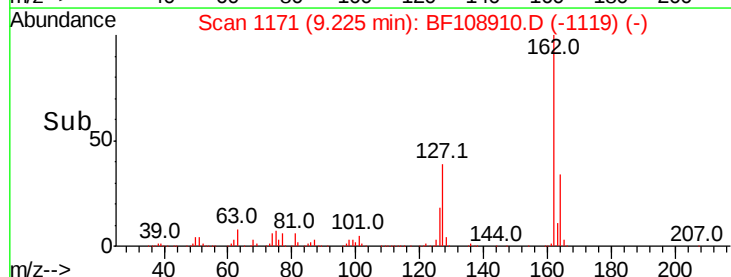
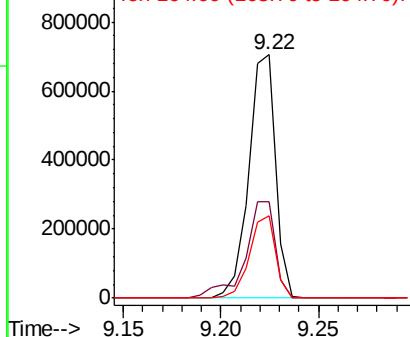
Lab File: BF108910.D

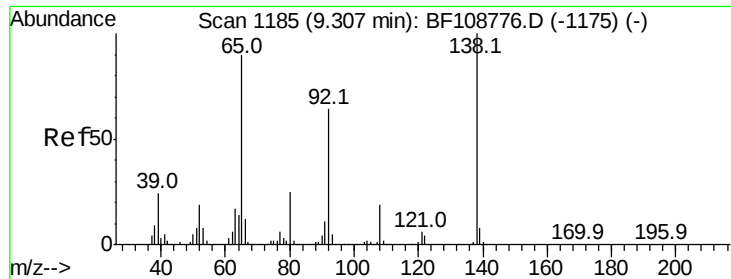
Acq: 10 Sep 2018 22:58

Tgt Ion:	162	Resp:	671072
Ion Ratio	Lower	Upper	
162	100		
127	39.4	33.9	50.9
164	33.6	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





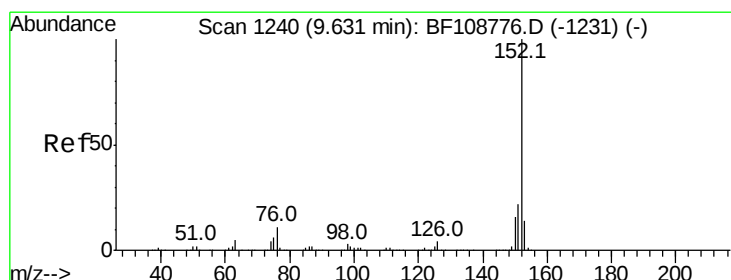
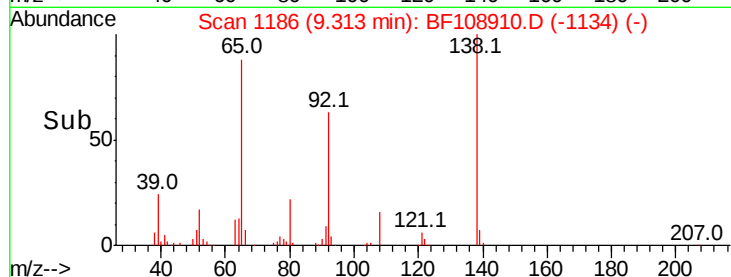
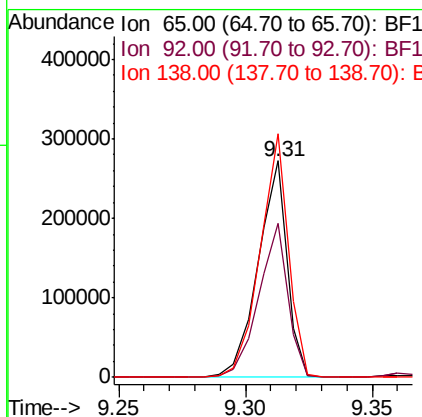
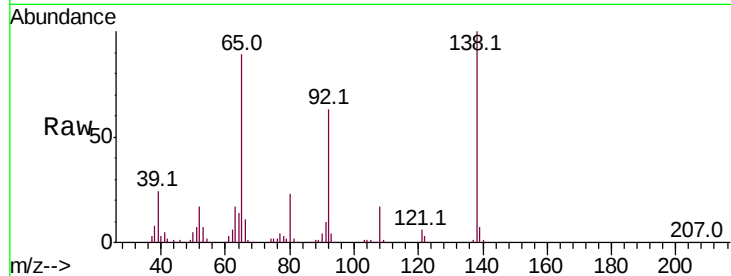
#47
2-Nitroaniline
Concen: 51.282 ng
RT: 9.31 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.3	55.8	83.6
138	112.6	91.2	136.8

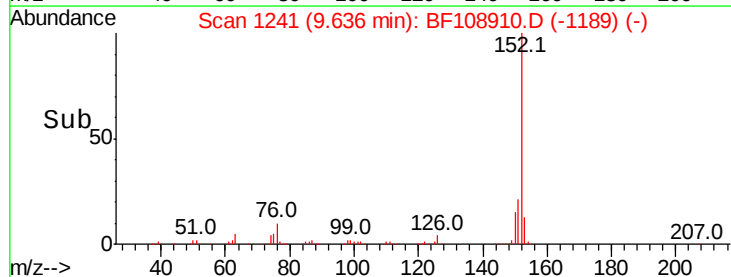
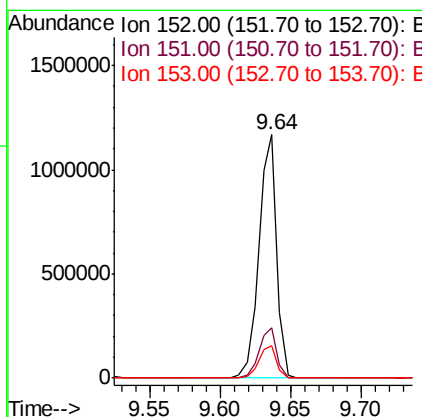
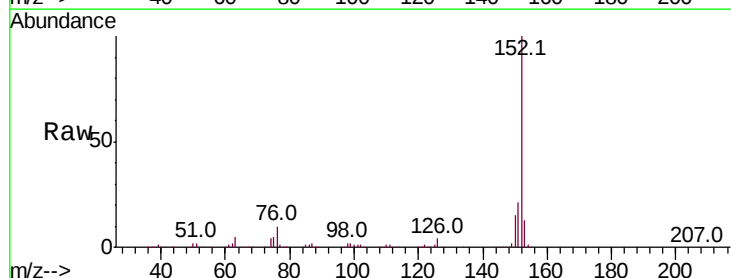
Manual Integrations
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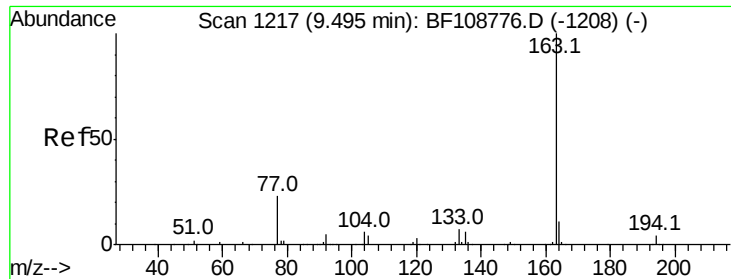
Sohil
9/11/2018 9:34:26 AM



#48
Acenaphthylene
Concen: 44.447 ng
RT: 9.64 min Scan# 1241
Delta R.T. 0.01 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.3	24.5
153	13.3	10.7	16.1





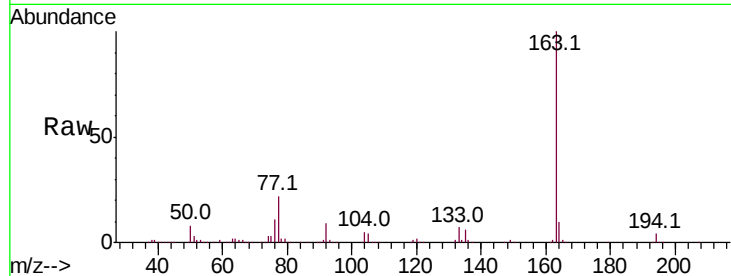
#49
Dimethylphthalate
Concen: 45.520 ng
RT: 9.50 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	799324		
194	3.7		2.7	4.1
164	10.3		8.2	12.2

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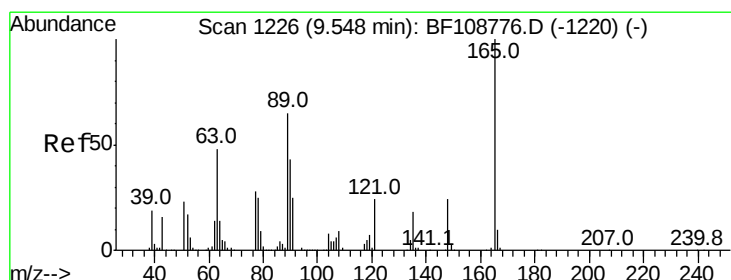
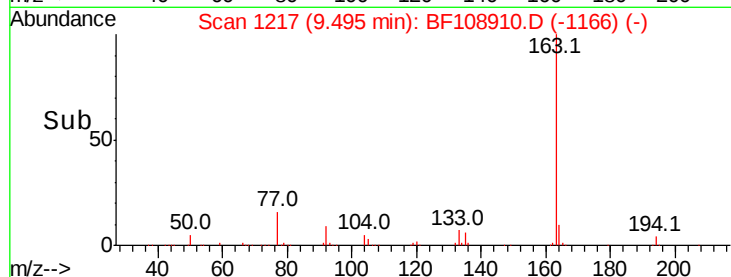
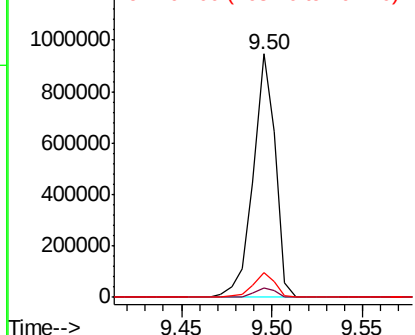


Abundance

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: 42.935 ng
RT: 9.55 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

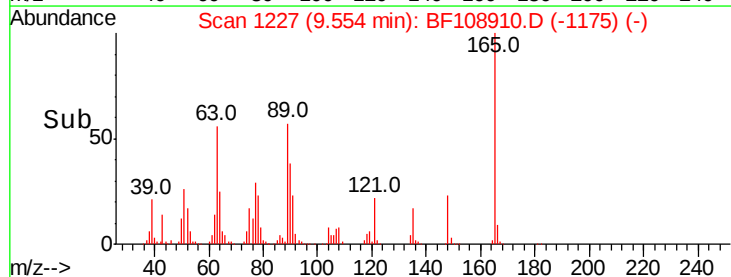
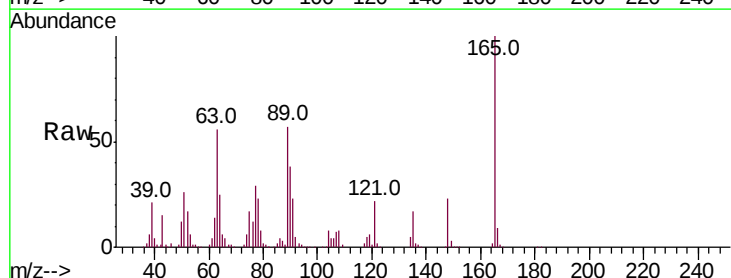
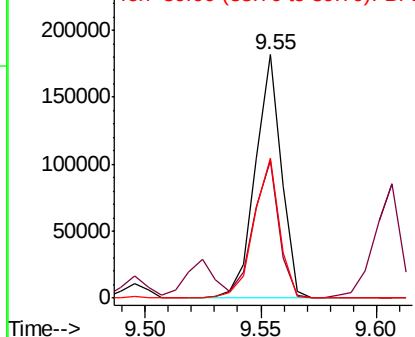
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	143663		
63	56.3		44.7	67.1
89	57.5		44.0	66.0

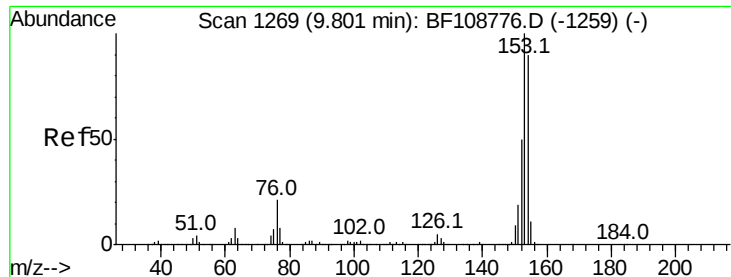
Abundance

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: 40.504 ng

RT: 9.81 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BF108910.D

Acq: 10 Sep 2018 22:58

Instrument :

BNA_F

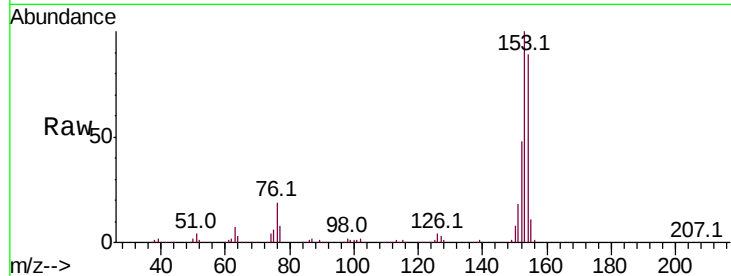
ClientSampleId :

PB112743BSD

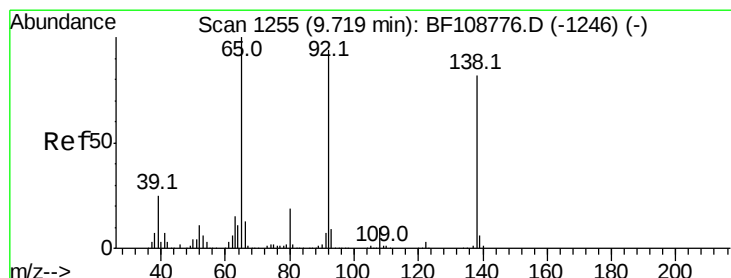
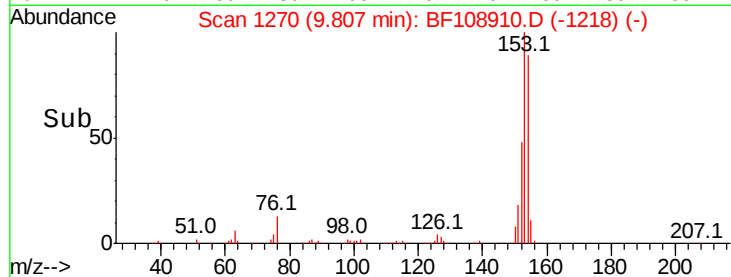
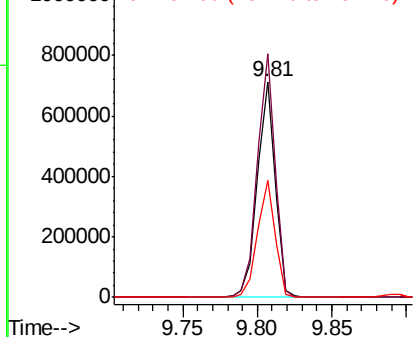
Tot Ion:	154	Resp:	584023
Ion Ratio	Lower	Upper	
154	100		
153	112.9	91.2	136.8
152	54.1	43.8	65.8

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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: 49.229 ng

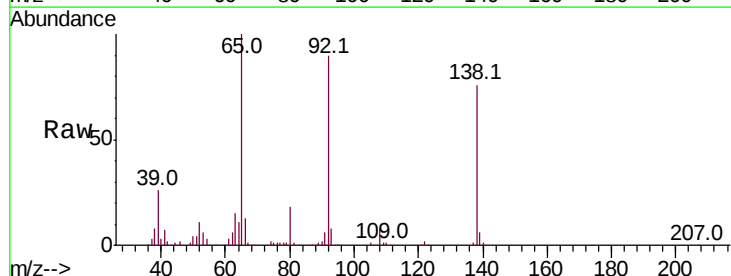
RT: 9.72 min Scan# 1255

Delta R.T. 0.00 min

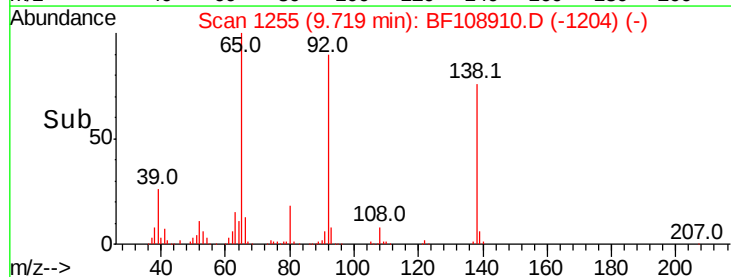
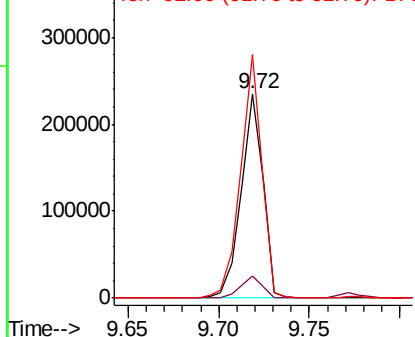
Lab File: BF108910.D

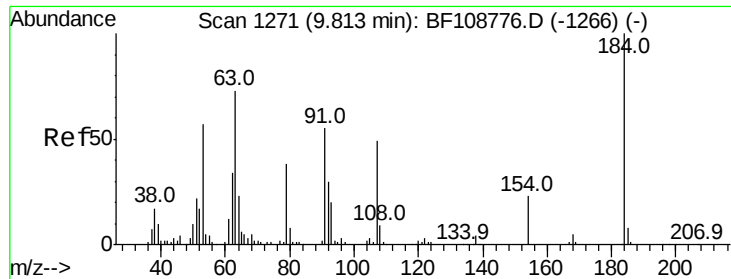
Acq: 10 Sep 2018 22:58

Tgt Ion:	138	Resp:	196079
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.4	14.0
92	119.1	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





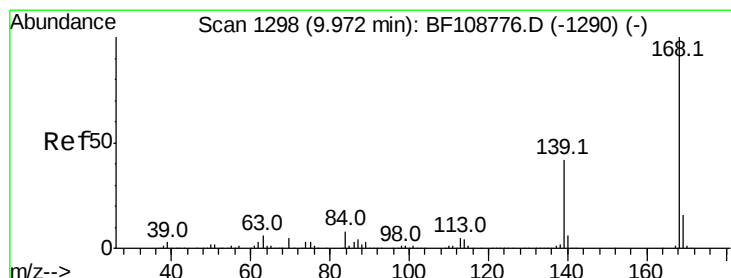
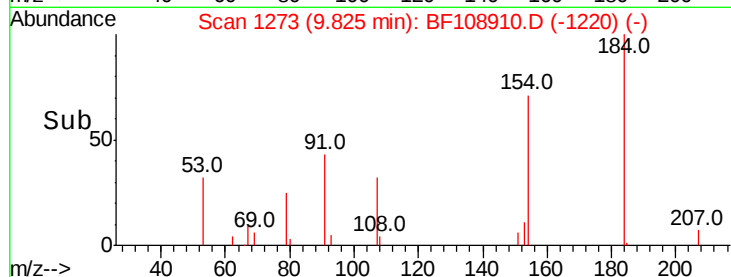
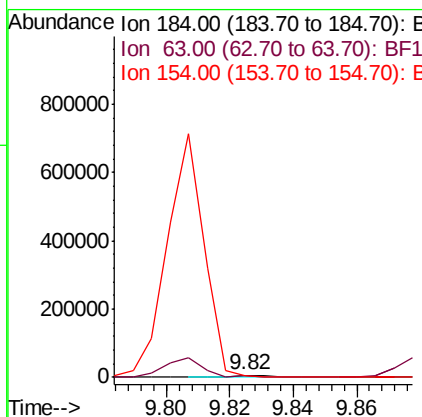
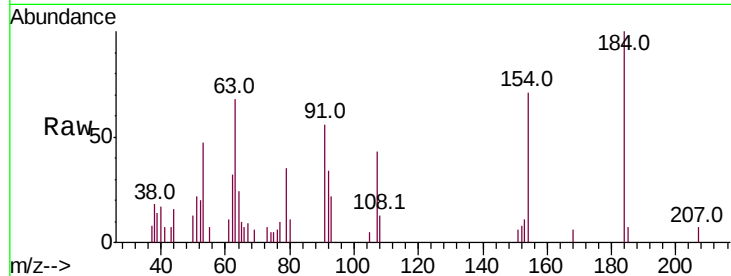
#53
2,4-Dinitrophenol
Concen: 12.673 ng
RT: 9.82 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	68.0	54.2	81.2
154	70.9	184.0	276.0#

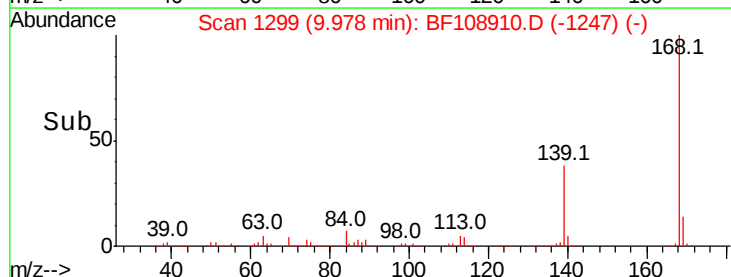
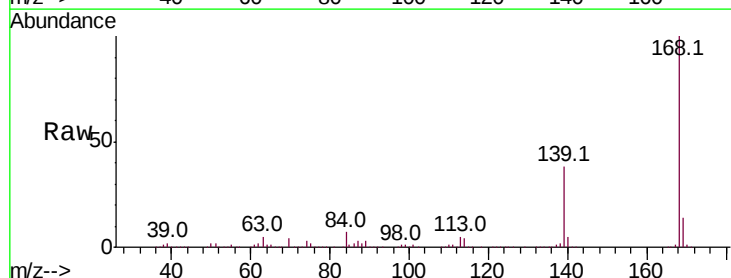
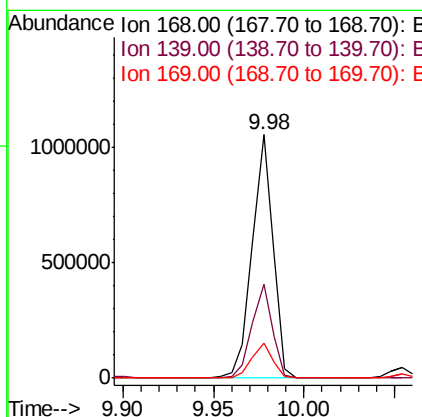
Manual Integrations
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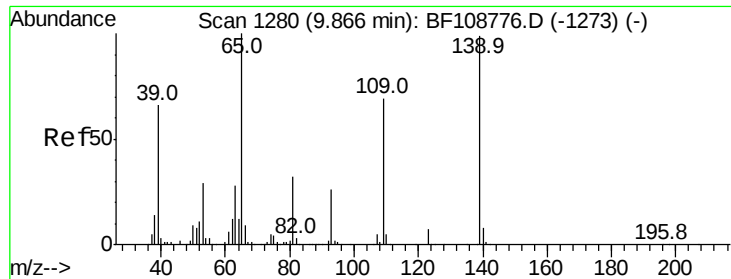
Sohil
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#54
Dibenzofuran
Concen: 40.187 ng
RT: 9.98 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.1	45.1
169	14.3	10.9	16.3





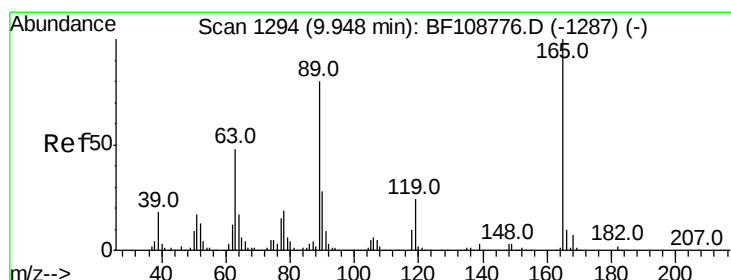
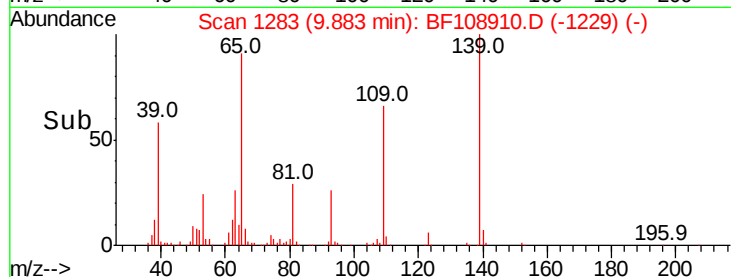
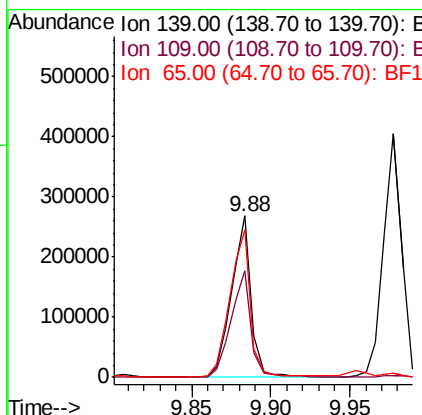
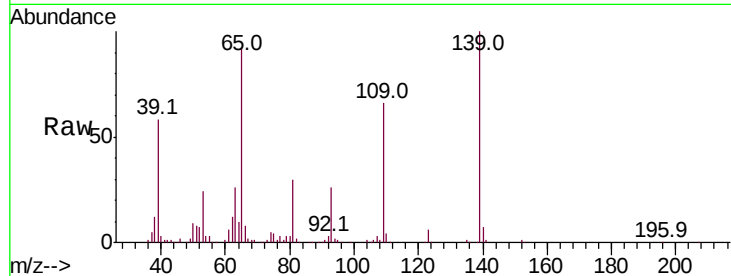
#55
4-Nitrophenol
Concen: 77.515 ng
RT: 9.88 min Scan# 1283
Delta R.T. 0.02 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	66.0	48.4	88.4	
65	91.5	72.6	112.6	

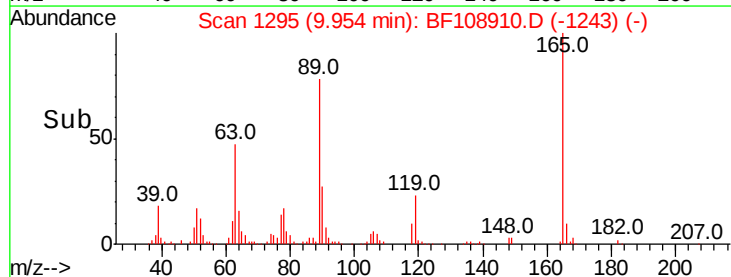
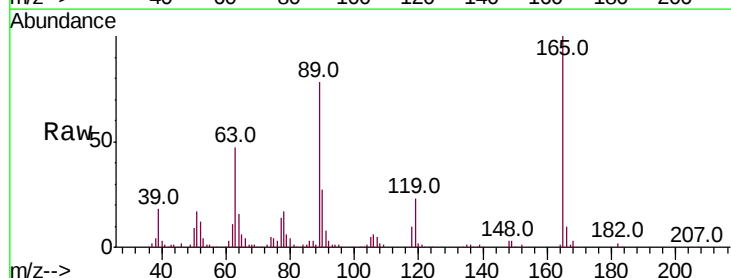
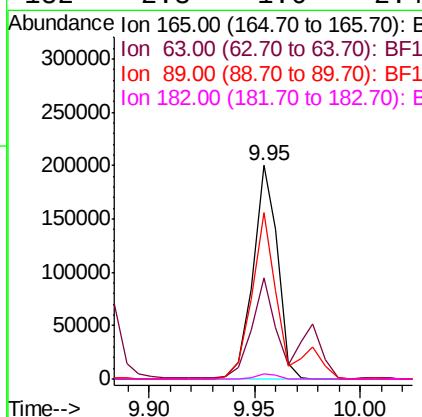
Manual Integrations
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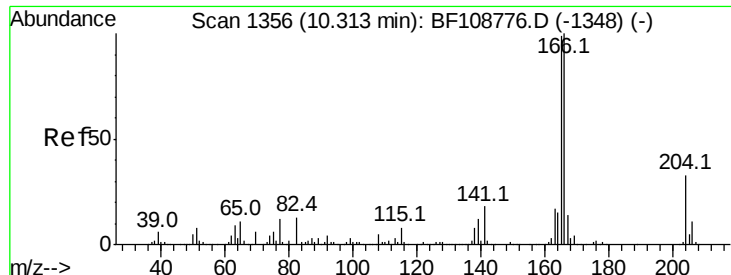
Sohil
9/11/2018 9:34:26 AM



#56
2,4-Dinitrotoluene
Concen: 37.726 ng
RT: 9.95 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.3	36.4	54.6	
89	77.6	57.8	86.6	
182	2.3	1.6	2.4	





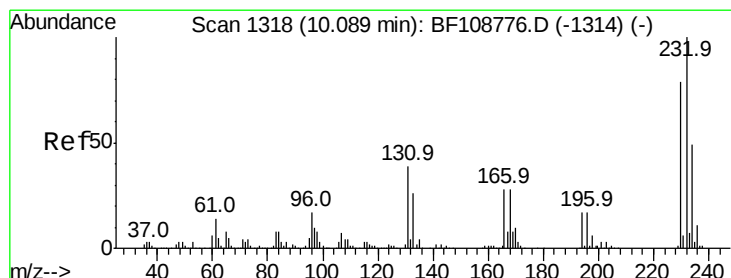
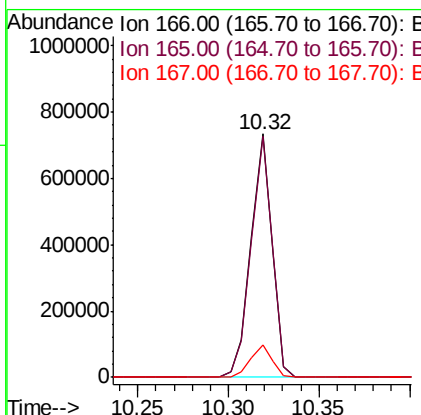
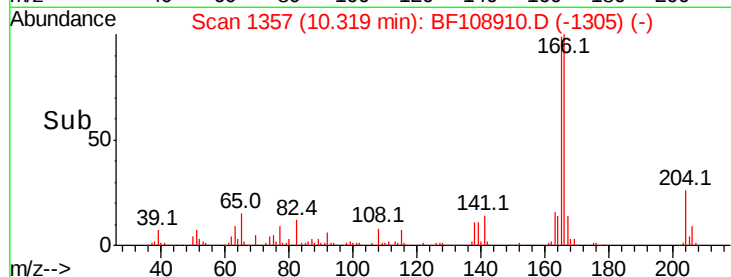
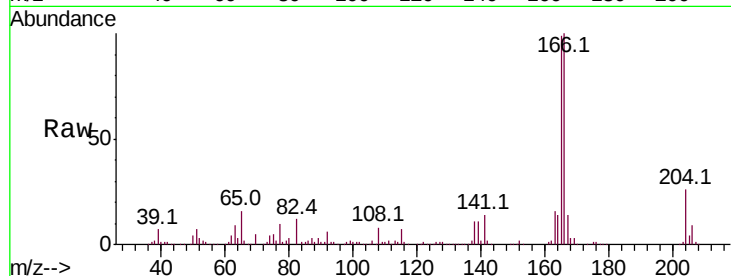
#57
Fluorene
 Concen: 44.335 ng
 RT: 10.32 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF108910.D
 Acq: 10 Sep 2018 22:58

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.8	79.8	119.8	
167	13.5	10.6	16.0	

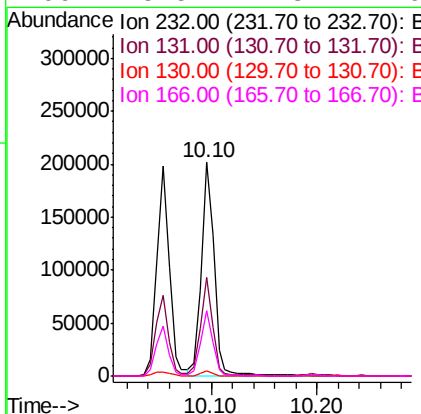
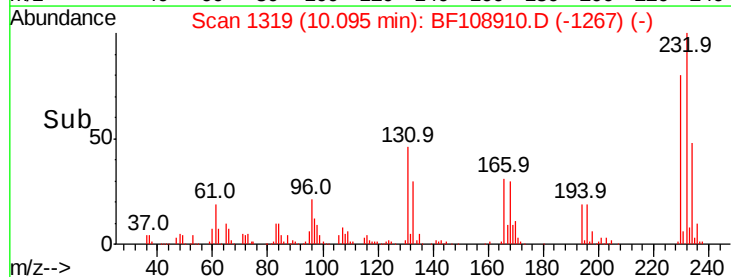
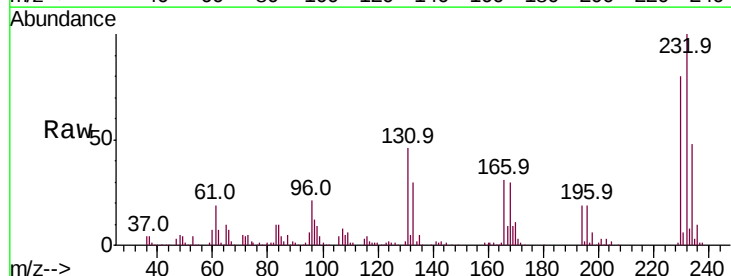
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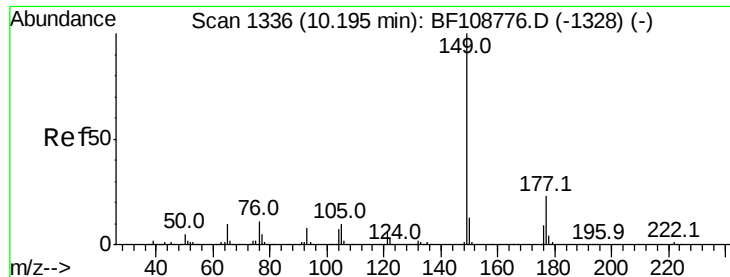
Sohil
 9/11/2018 9:34:26 AM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.380 ng
 RT: 10.10 min Scan# 1319
 Delta R.T. 0.01 min
 Lab File: BF108910.D
 Acq: 10 Sep 2018 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	43.0	43.8	65.8	
130	2.1	2.1	3.1	
166	28.5	27.8	41.6	





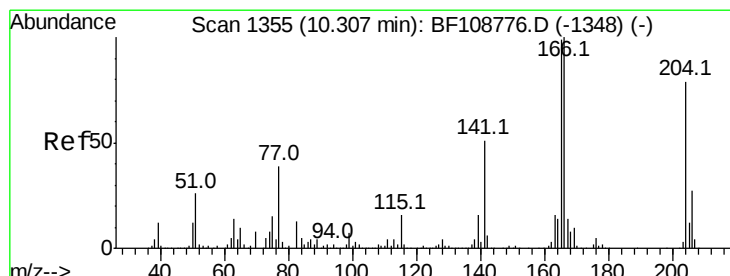
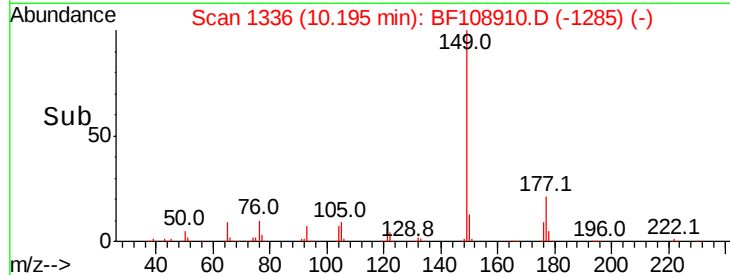
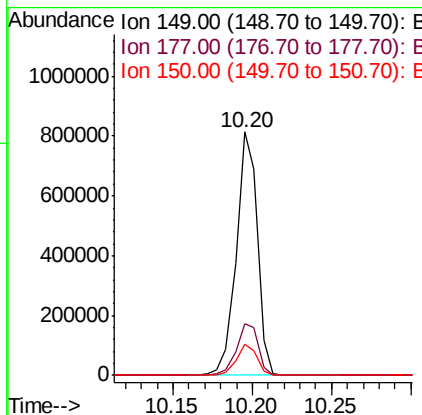
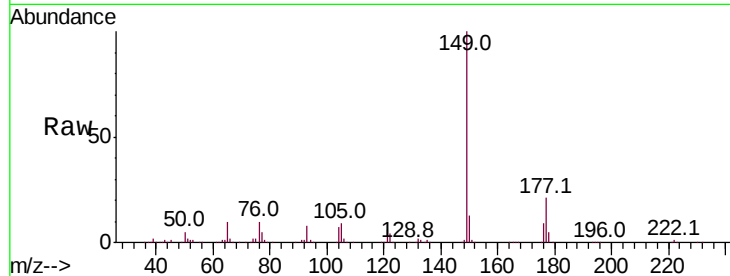
#59
 Diethylphthalate
 Concen: 41.331 ng
 RT: 10.20 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: BF108910.D
 Acq: 10 Sep 2018 22:58

Instrument :
 BNA_F
 ClientSampled :
 PB112743BSD

Tot Ion:	149	Resp:	748983
Ion Ratio	Lower	Upper	
149	100		
177	21.4	16.1	24.1
150	12.9	10.1	15.1

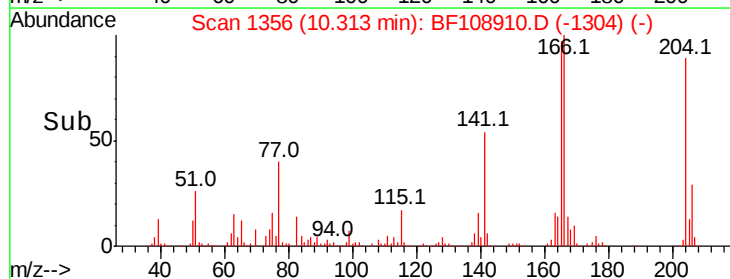
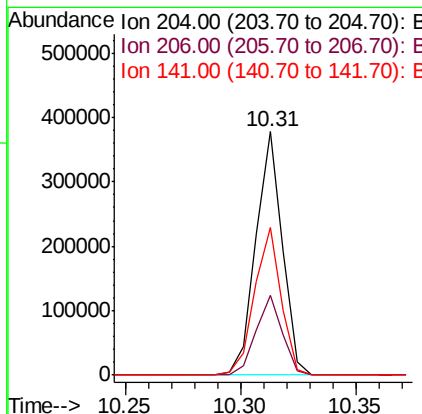
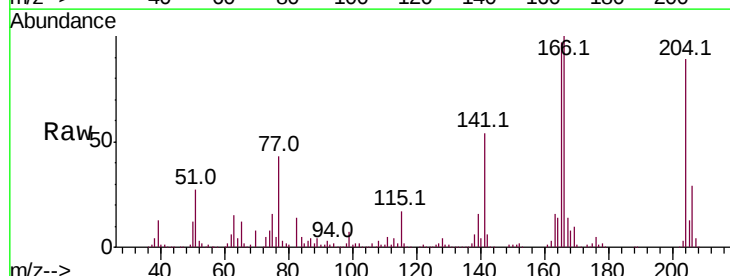
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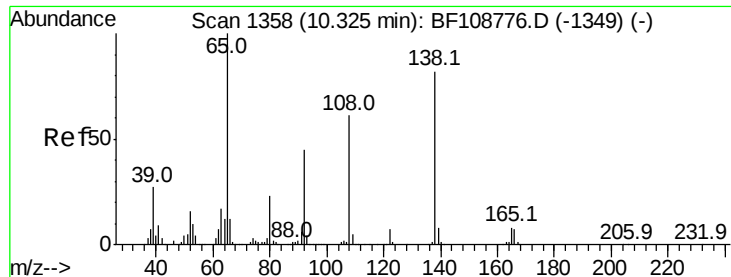
Sohil
 9/11/2018 9:34:26 AM



#60
 4-Chlorophenyl-phenylether
 Concen: 42.166 ng
 RT: 10.31 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF108910.D
 Acq: 10 Sep 2018 22:58

Tgt Ion:	204	Resp:	303736
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.5	39.7
141	60.7	54.6	81.8





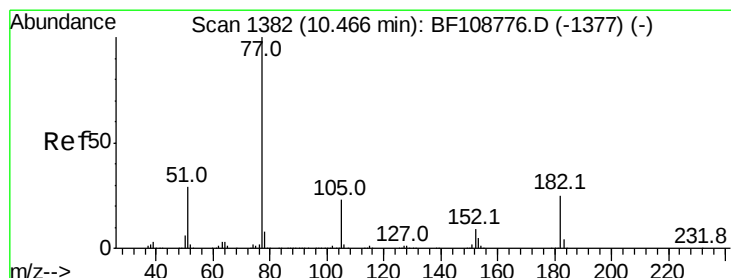
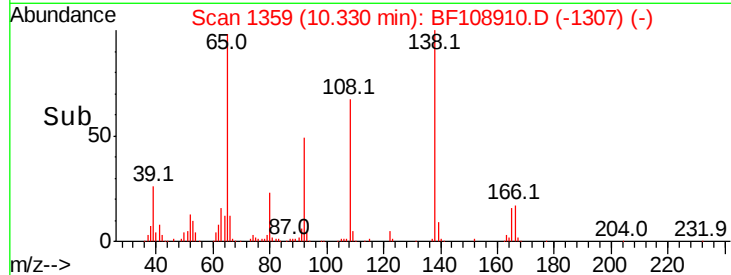
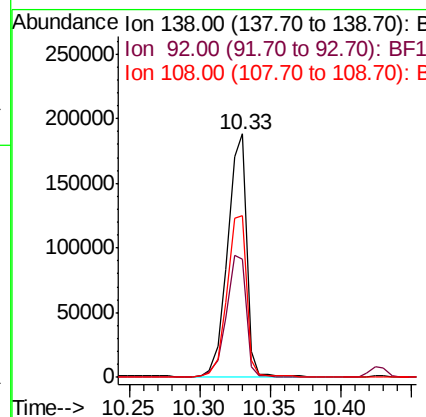
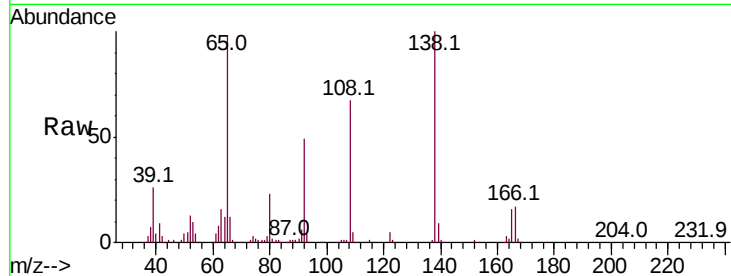
#61
 4-Nitroaniline
 Concen: 48.795 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF108910.D
 Acq: 10 Sep 2018 22:58

Instrument :
 BNA_F
 ClientSampled :
 PB112743BSD

Tot Ion:	138	Resp:	176066
Ion Ratio	Lower	Upper	
138	100		
92	48.6	30.2	70.2
108	66.5	52.5	92.5

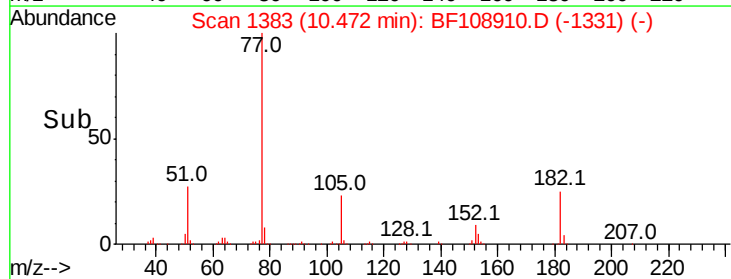
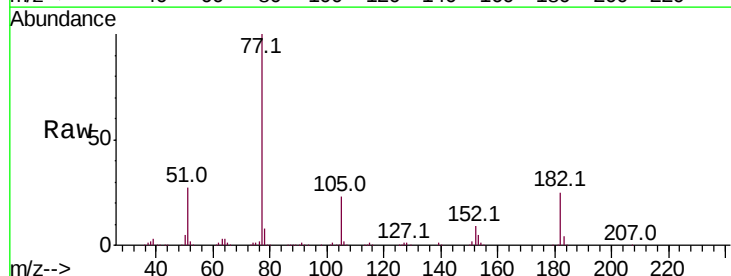
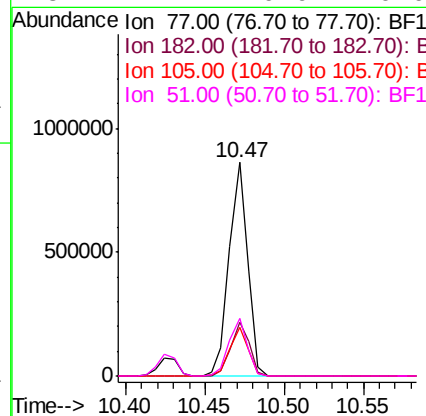
Manual Integrations
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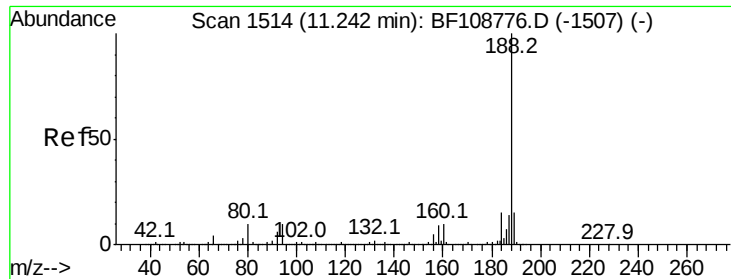
Sohil
 9/11/2018 9:34:26 AM



#62
 Azobenzene
 Concen: 37.334 ng
 RT: 10.47 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF108910.D
 Acq: 10 Sep 2018 22:58

Tgt Ion:	77	Resp:	698342
Ion Ratio	Lower	Upper	
77	100		
182	25.1	1.7	41.7
105	22.7	3.0	43.0
51	27.1	9.9	49.9





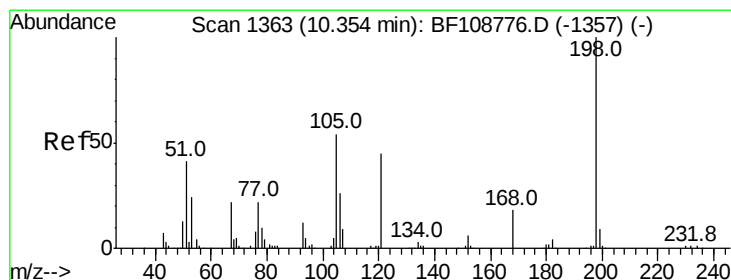
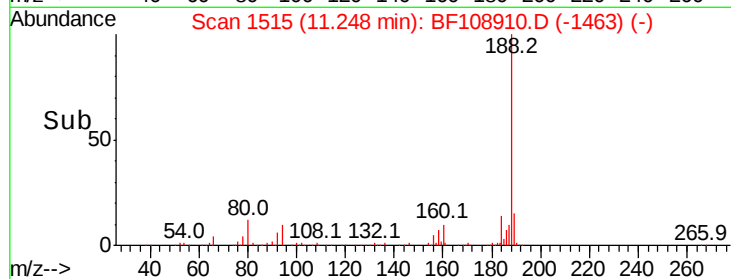
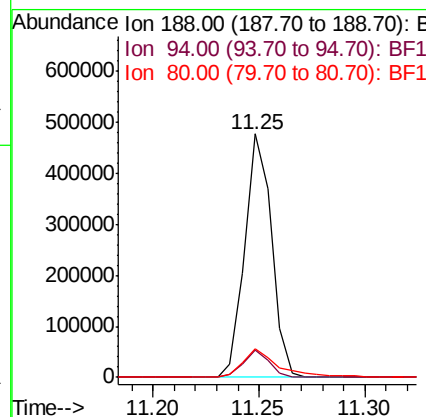
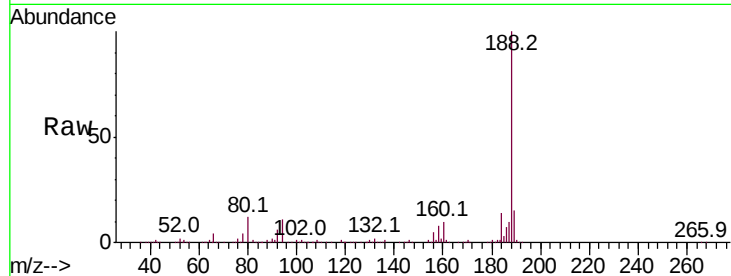
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.2	8.5	12.7	
80	11.7	9.2	13.8	

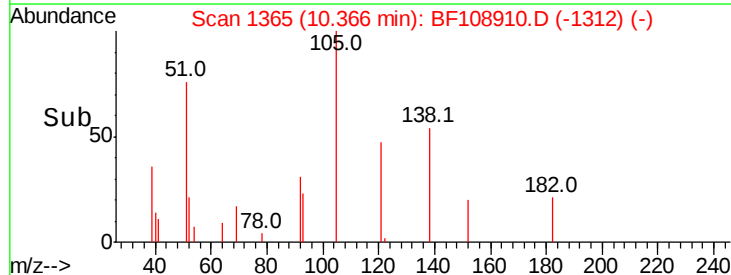
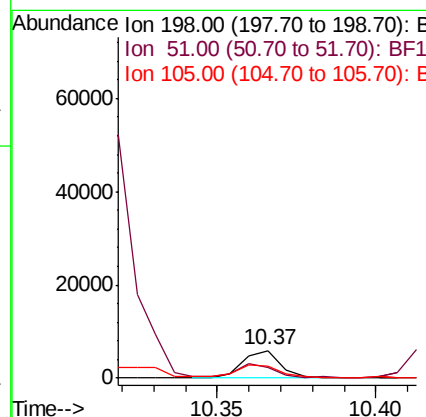
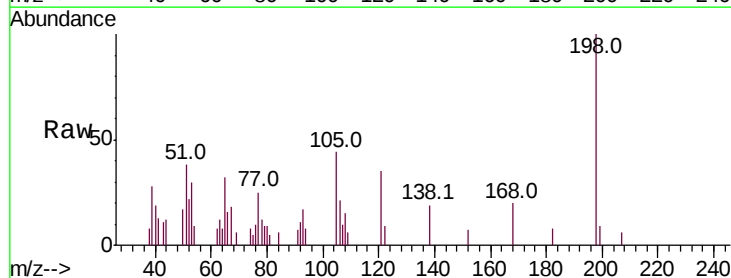
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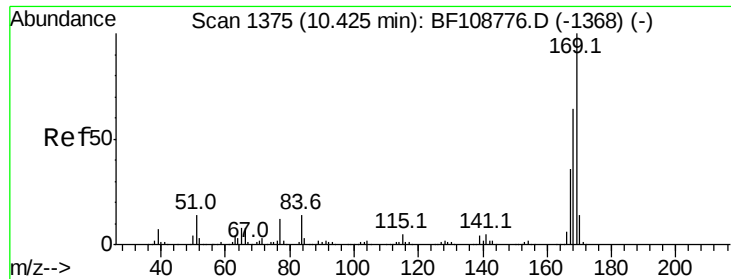
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 9.421 ng
RT: 10.37 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	37.9	37.7	77.7	
105	43.7	36.3	76.3	





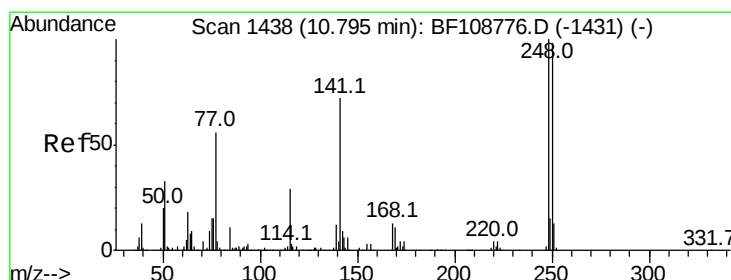
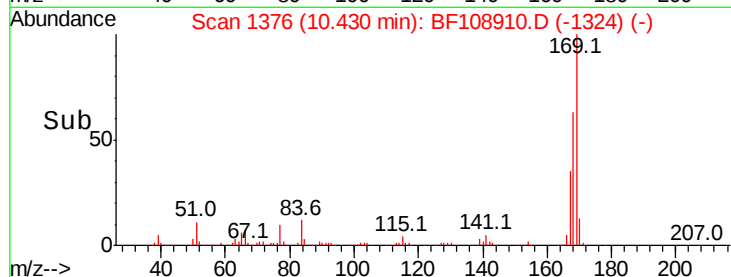
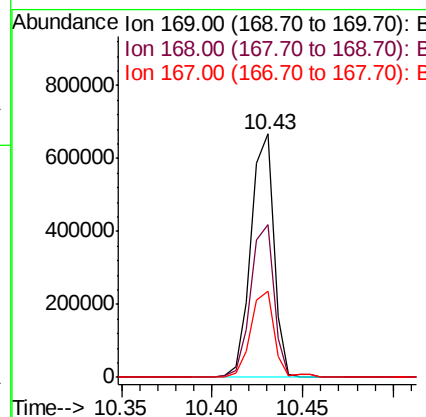
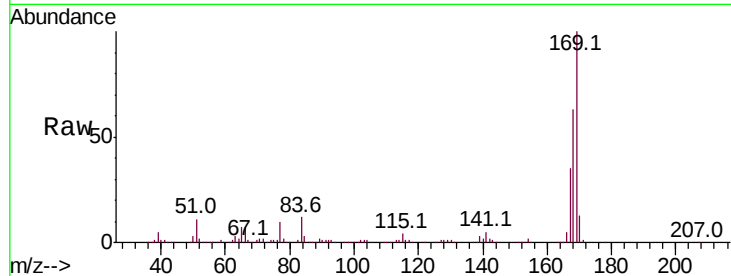
#65
n-Nitrosodiphenylamine
Concen: 42.411 ng
RT: 10.43 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	589933		
168	62.8		54.4	81.6
167	35.2		29.8	44.6

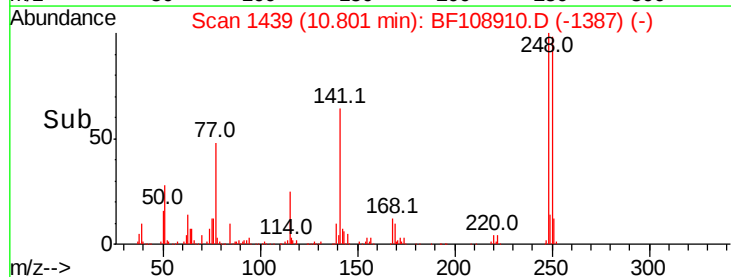
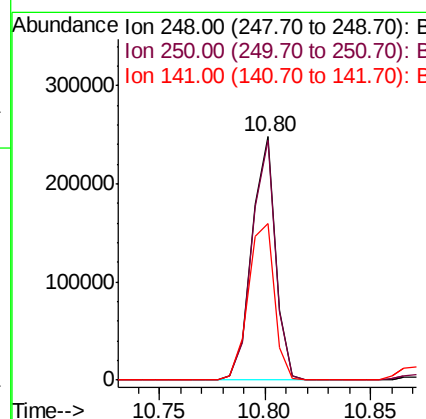
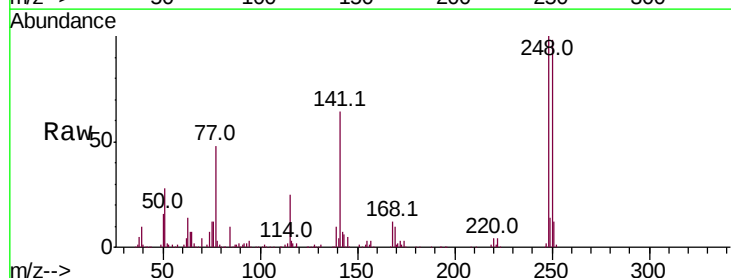
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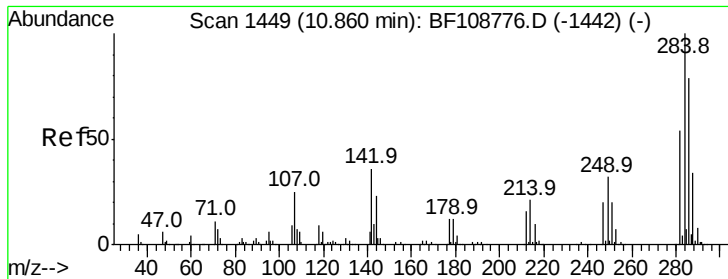
Sohil
9/11/2018 9:34:26 AM



#66
4-Bromophenyl-phenylether
Concen: 40.887 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	193200		
250	98.4		76.9	115.3
141	64.5		74.4	111.6#





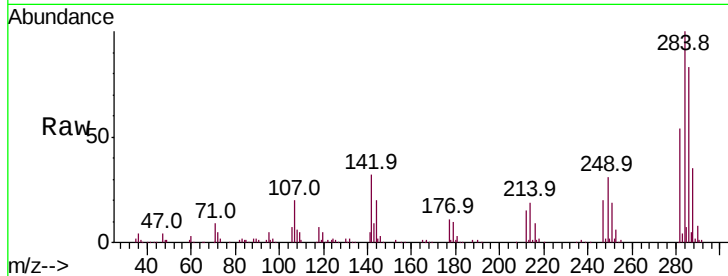
#67
Hexachlorobenzene
Concen: 39.245 ng
RT: 10.87 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

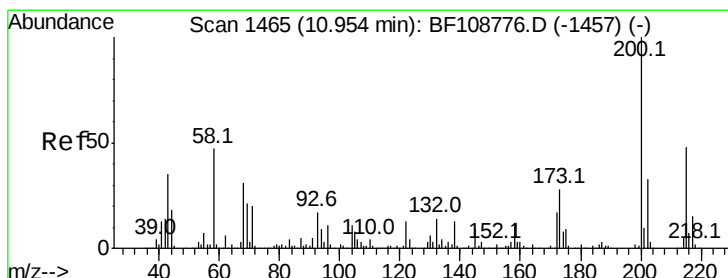
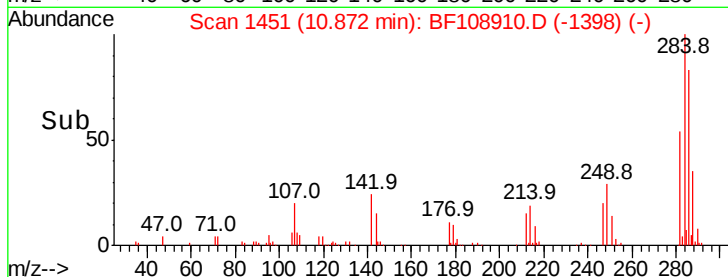
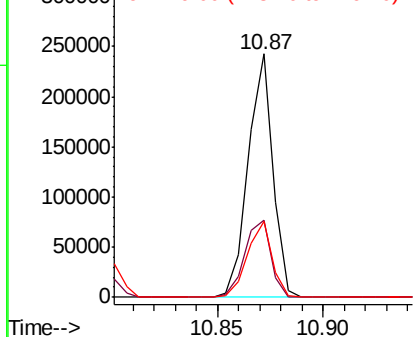
Tot Ion	Ratio	Resp	Lower	Upper
284	100	197959		
142	31.7	34.6	52.0#	
249	31.2	24.8	37.2	

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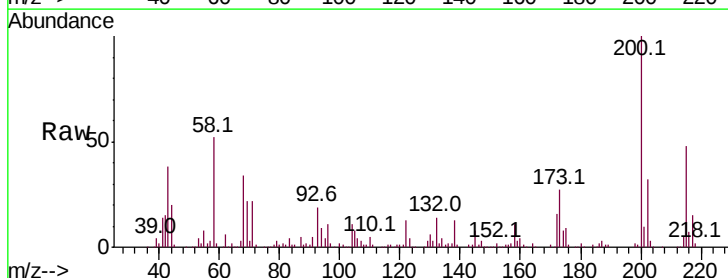


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

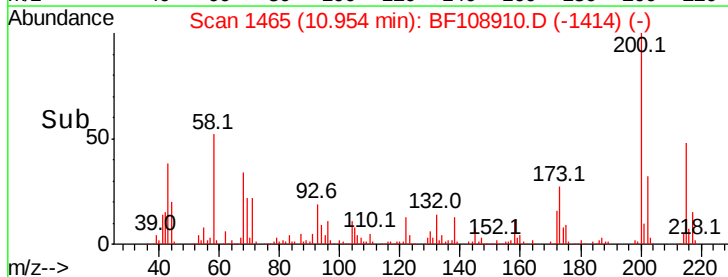
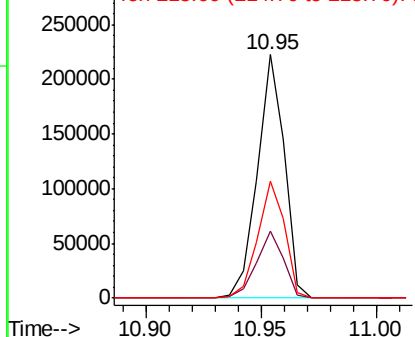


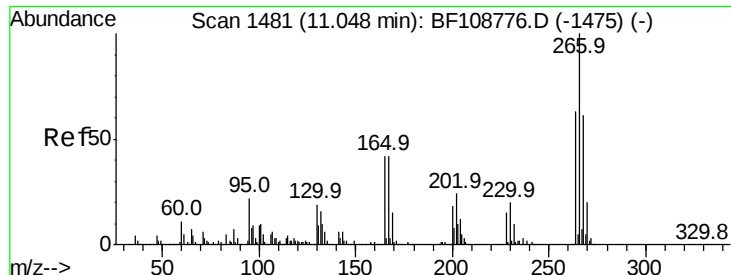
#68
Atrazine
Concen: 40.893 ng
RT: 10.95 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	182091		
173	27.3	8.6	48.6	
215	48.0	25.1	65.1	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





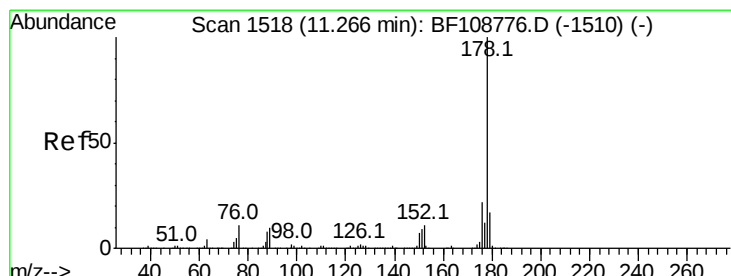
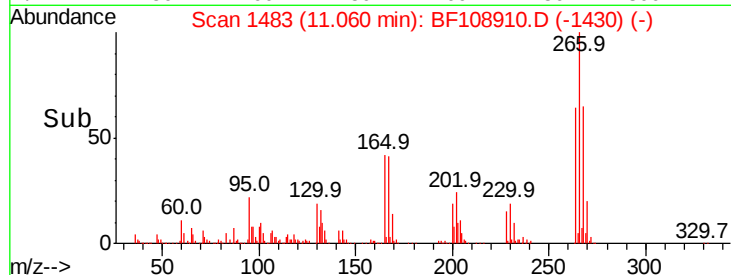
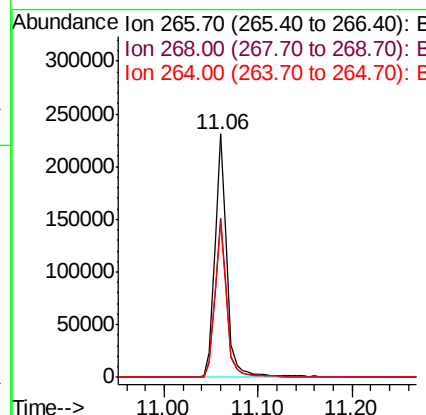
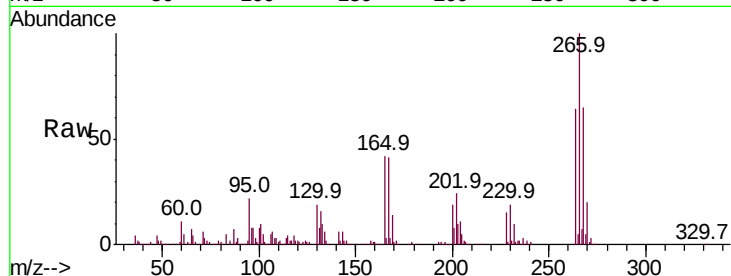
#69
 Pentachlorophenol
 Concen: 68.733 ng
 RT: 11.06 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF108910.D
 Acq: 10 Sep 2018 22:58

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	211966		
268	65.2		51.1	76.7
264	63.6		49.5	74.3

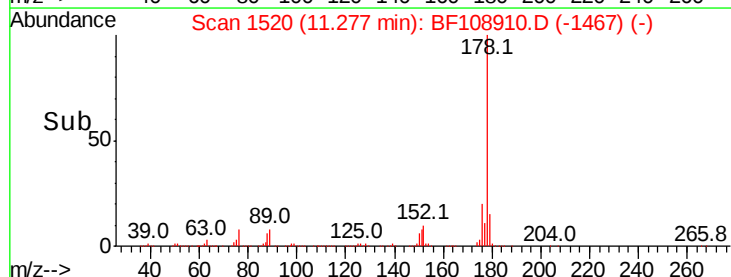
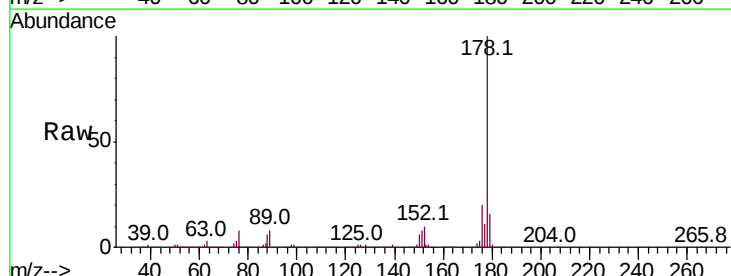
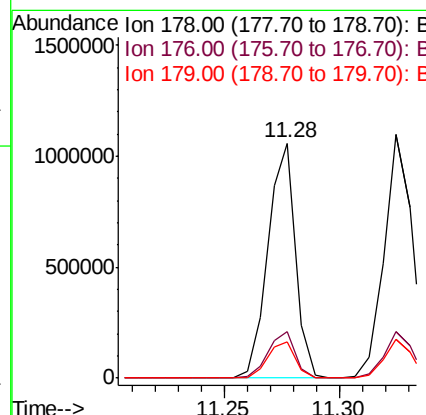
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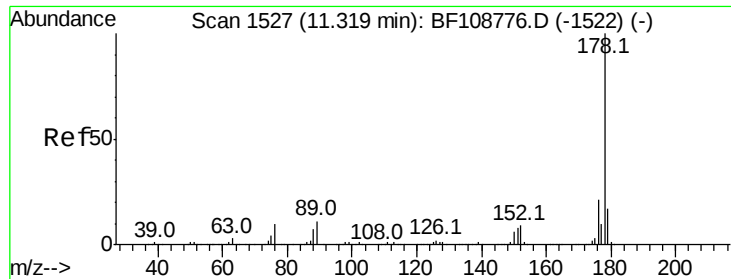
Sohil
 9/11/2018 9:34:26 AM



#70
 Phenanthrene
 Concen: 43.846 ng
 RT: 11.28 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF108910.D
 Acq: 10 Sep 2018 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	875986		
176	19.8		15.8	23.8
179	15.7		13.0	19.6





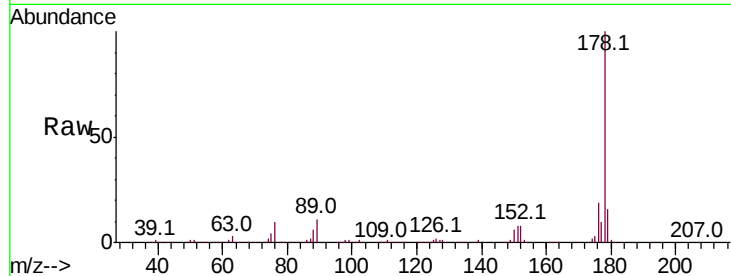
#71
 Anthracene
 Concen: 47.494 ng
 RT: 11.32 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF108910.D
 Acq: 10 Sep 2018 22:58

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	16.0	12.6	19.0

Manual Integrations
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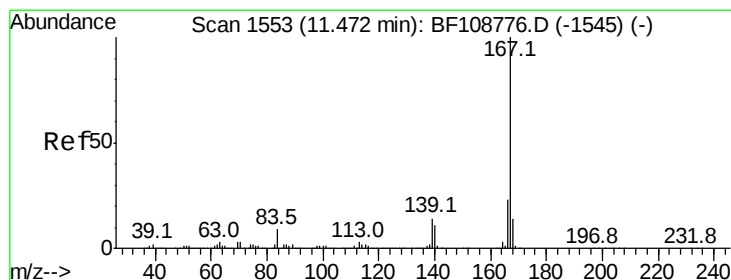
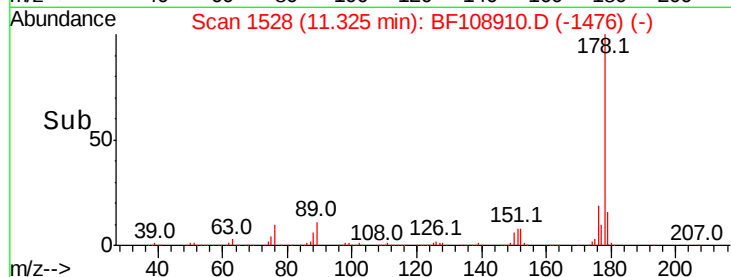
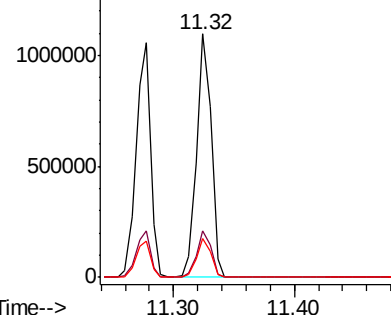


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
 Carbazole
 Concen: 40.981 ng
 RT: 11.48 min Scan# 1554
 Delta R.T. 0.01 min
 Lab File: BF108910.D
 Acq: 10 Sep 2018 22:58

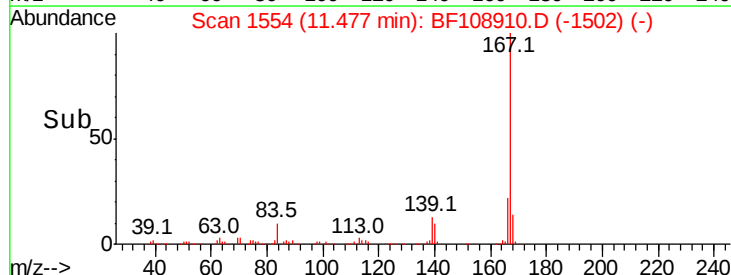
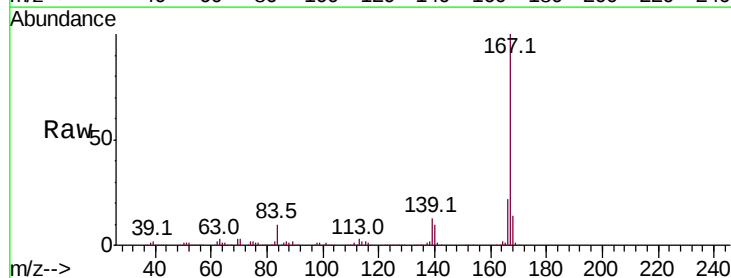
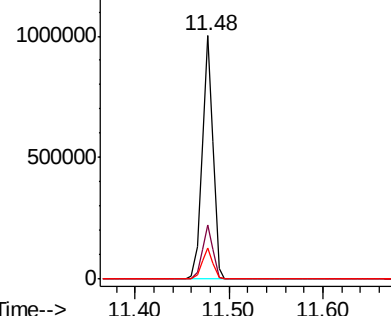
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	12.9	10.9	16.3

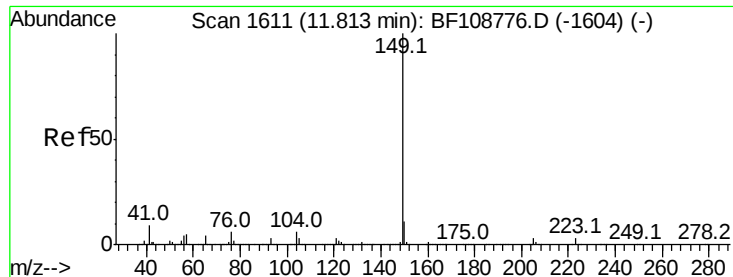
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





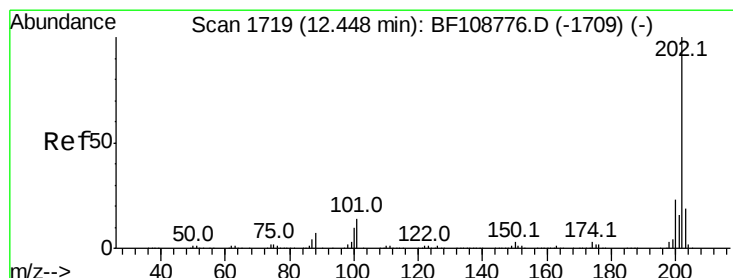
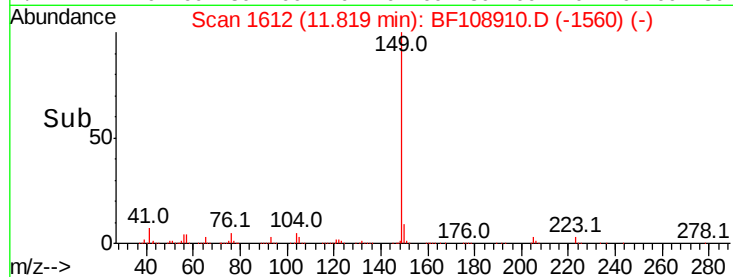
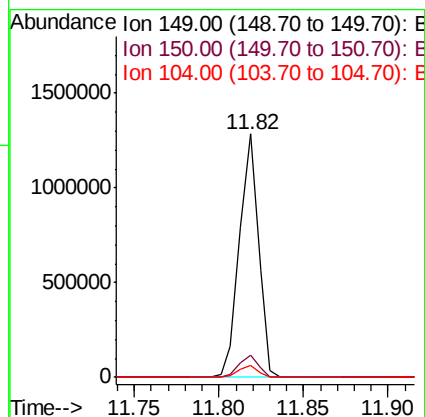
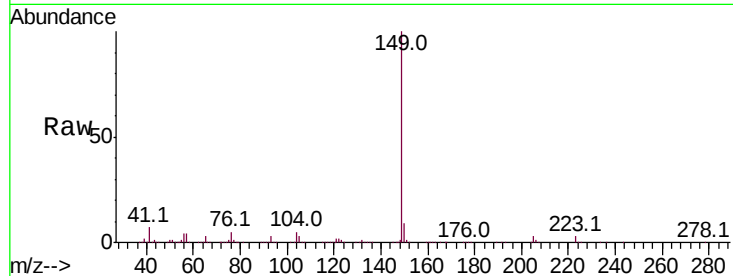
#73
Di-n-butylphthalate
Concen: 45.226 ng
RT: 11.82 min Scan# 1612
Delta R.T. 0.01 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion:	149	Resp:	1011741
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	4.9	3.8	5.8

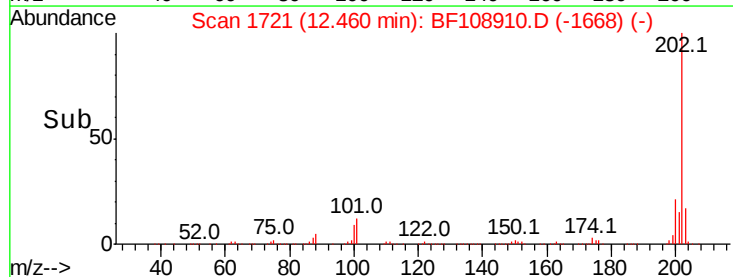
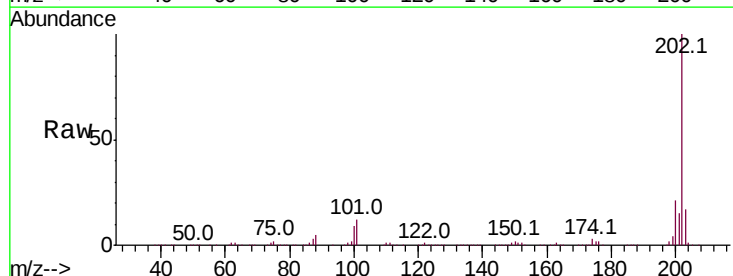
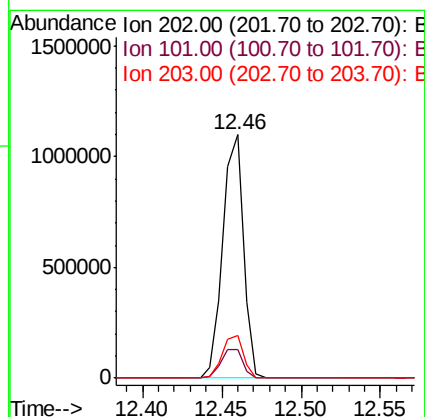
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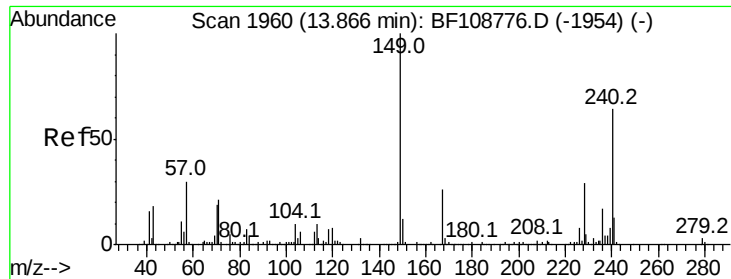
Sohil
9/11/2018 9:34:26 AM



#74
Fluoranthene
Concen: 50.392 ng
RT: 12.46 min Scan# 1721
Delta R.T. 0.01 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Tgt Ion:	202	Resp:	996797
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	34.1
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BF108910.D

Acq: 10 Sep 2018 22:58

Instrument :

BNA_F

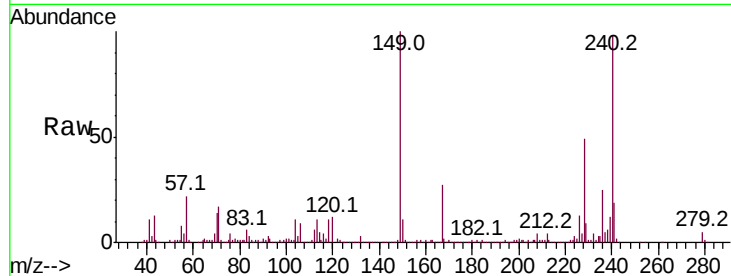
ClientSampleId :

PB112743BSD

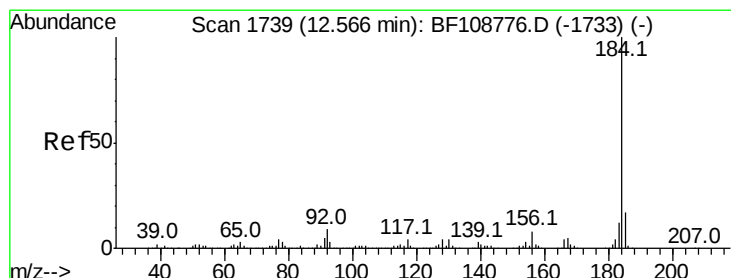
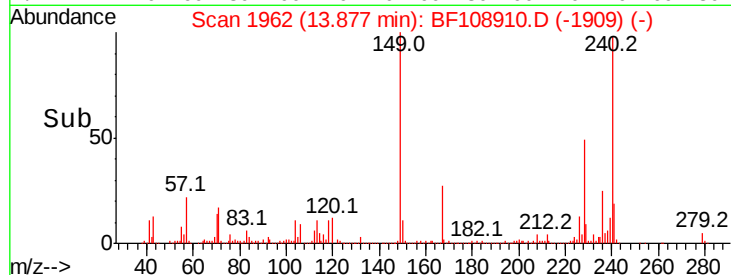
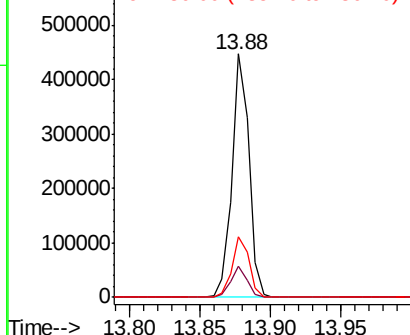
Tot Ion:	240	Resp:	375460
Ion Ratio	Lower	Upper	
240	100		
120	12.6	9.5	14.3
236	25.1	20.7	31.1

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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: 58.157 ng

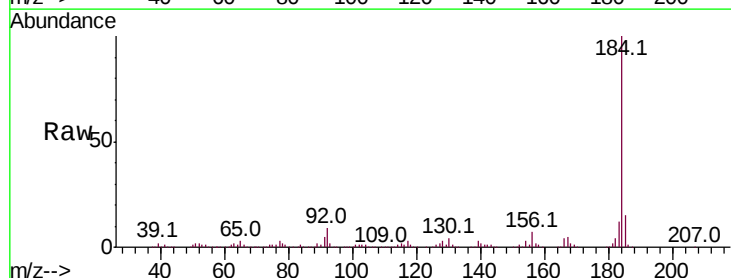
RT: 12.58 min Scan# 1741

Delta R.T. 0.01 min

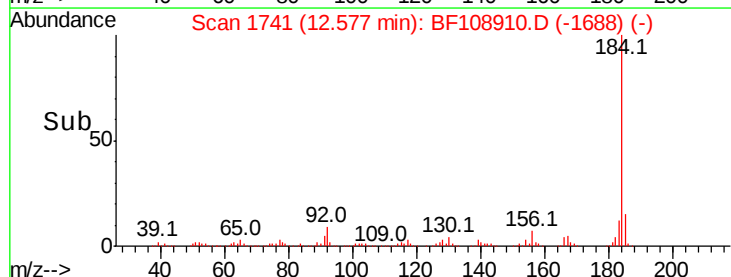
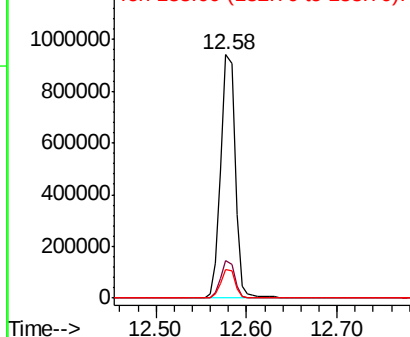
Lab File: BF108910.D

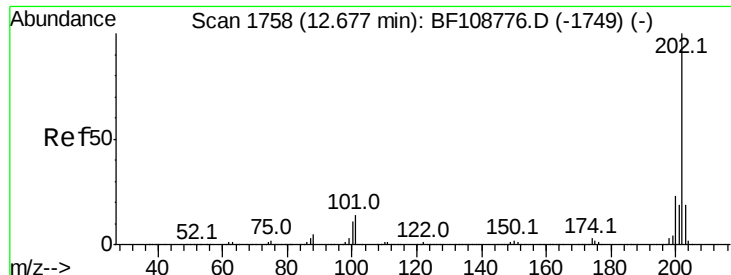
Acq: 10 Sep 2018 22:58

Tgt Ion:	184	Resp:	1034924
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.6	18.8
183	11.9	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





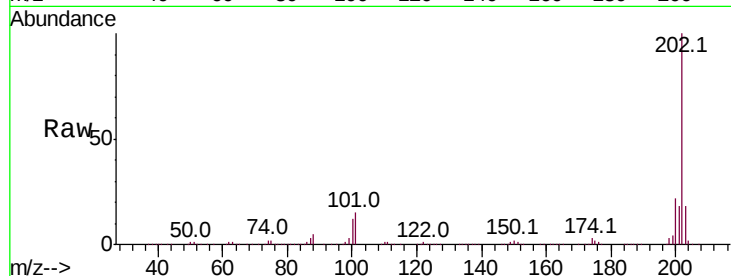
#77
Pvrene
Concen: 35.357 ng
RT: 12.68 min Scan# 1759
Delta R.T. 0.01 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.8	14.3	21.5

Manual Integrations
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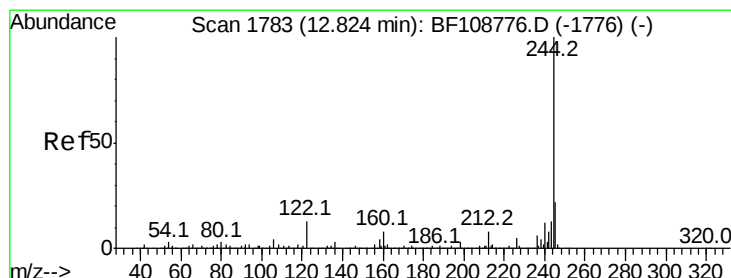
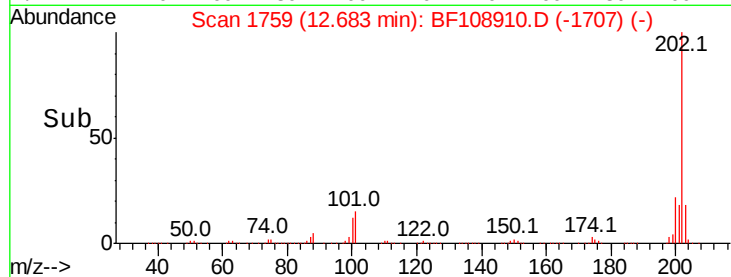
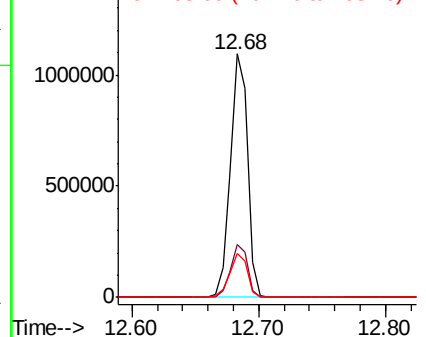


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 84.748 ng
RT: 12.83 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

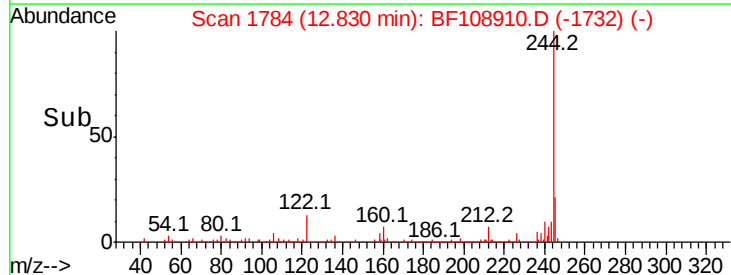
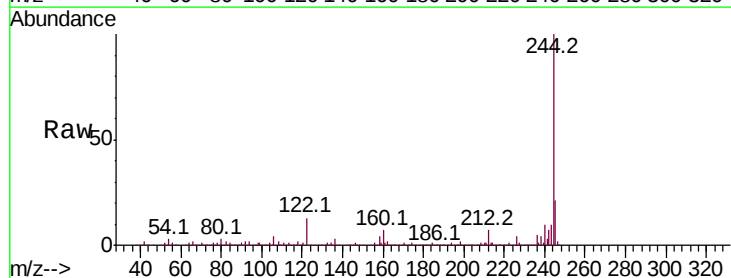
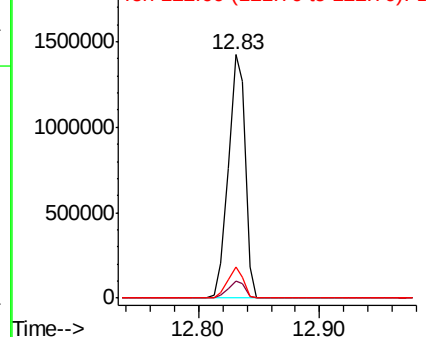
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.7	11.0	16.4

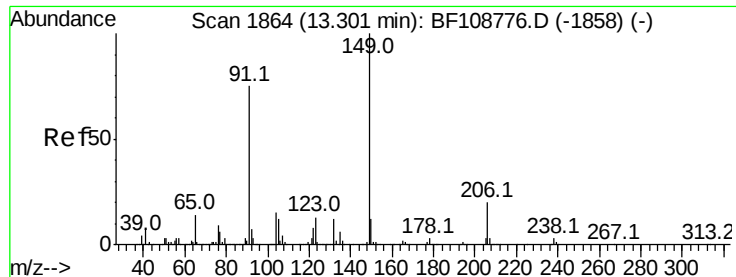
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





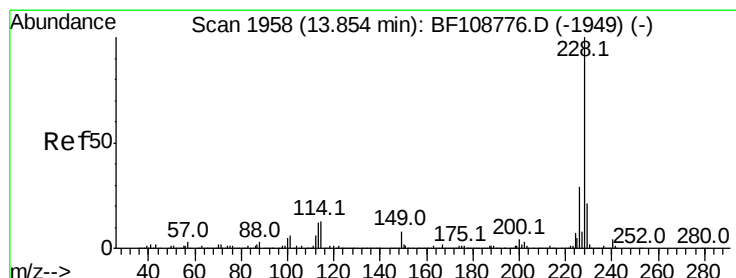
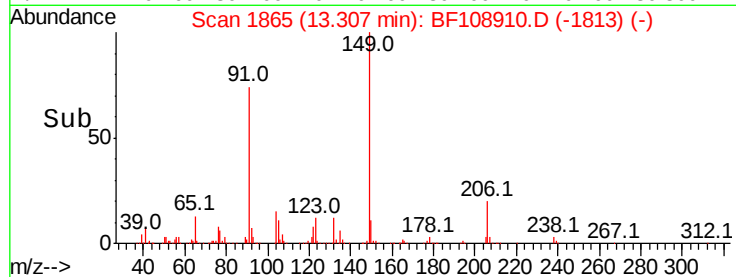
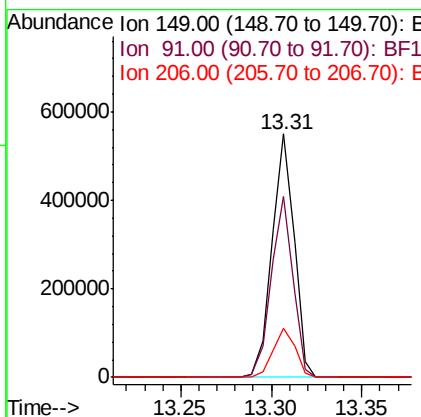
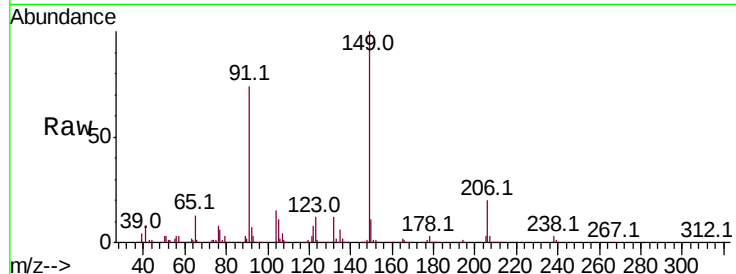
#79
Butylbenzylphthalate
Concen: 35.664 ng
RT: 13.31 min Scan# 1865
Delta R.T. 0.01 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion:	149	Resp:	464008
Ion Ratio	Lower	Upper	
149	100		
91	74.4	56.8	85.2
206	20.1	14.1	21.1

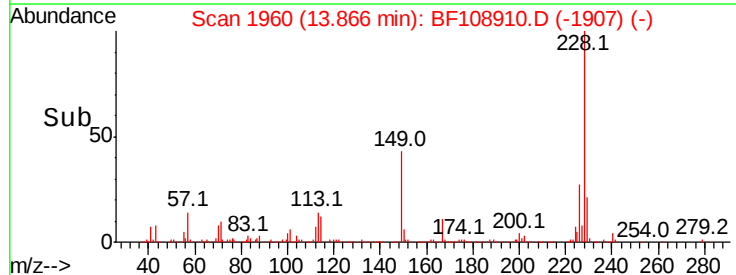
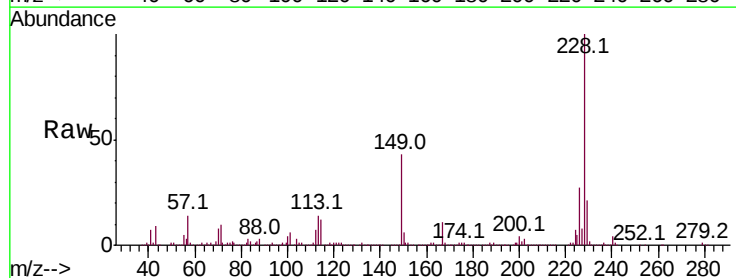
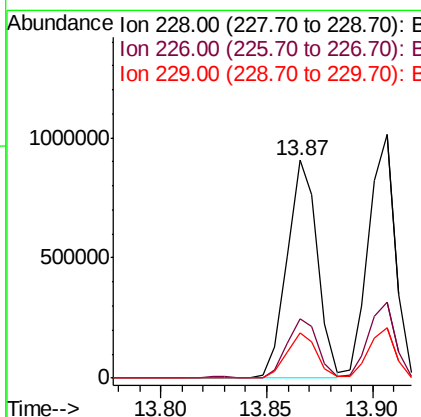
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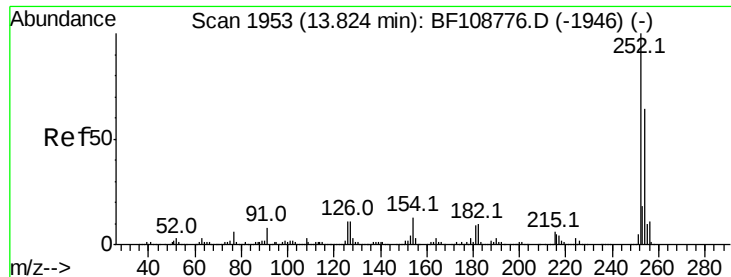
Sohil
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#80
Benzo(a)anthracene
Concen: 37.707 ng
RT: 13.87 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Tgt Ion:	228	Resp:	907443
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.6	33.8
229	20.6	15.8	23.6





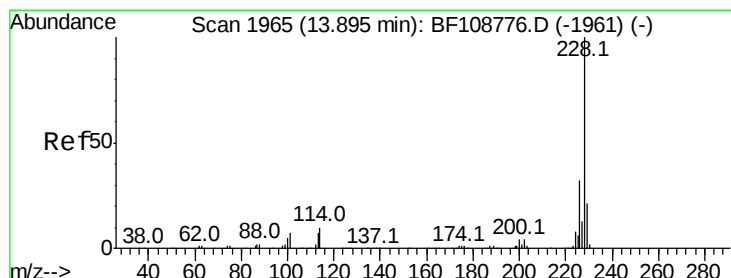
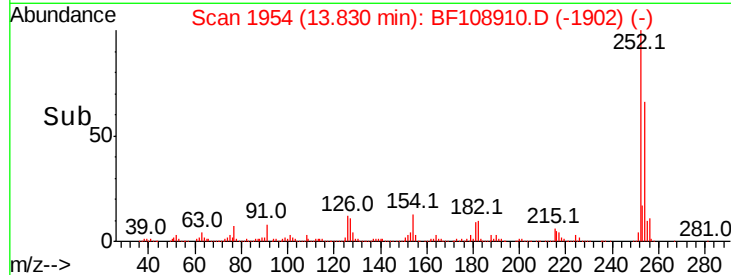
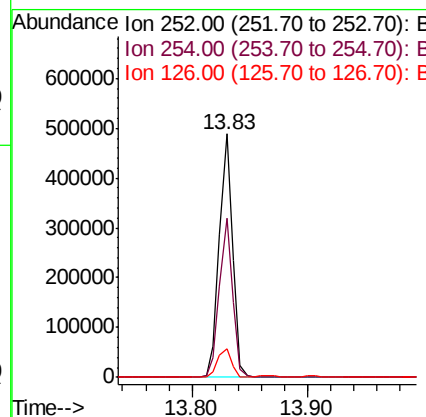
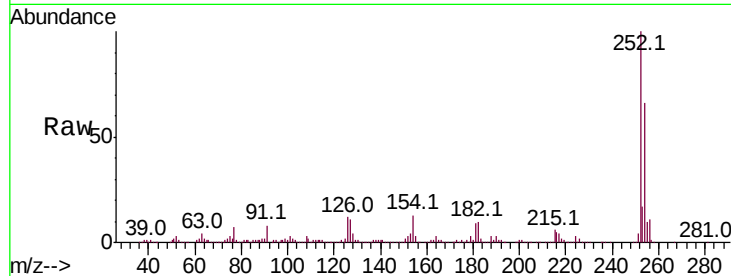
#81
 3,3'-Dichlorobenzidine
 Concen: 41.972 ng
 RT: 13.83 min Scan# 1954
 Delta R.T. 0.01 min
 Lab File: BF108910.D
 Acq: 10 Sep 2018 22:58

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.6	50.4	75.6
126	11.8	11.3	16.9

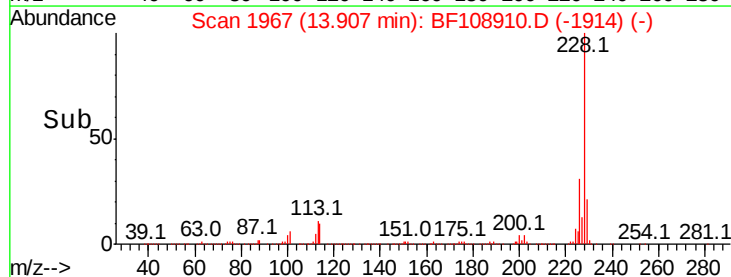
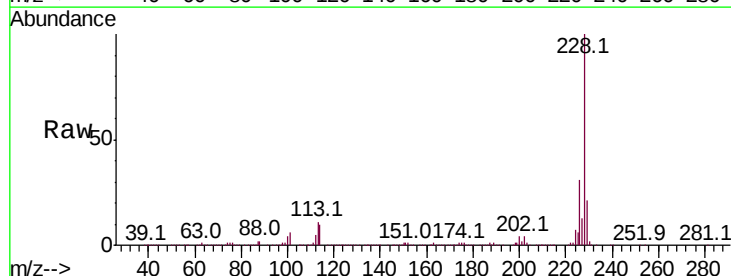
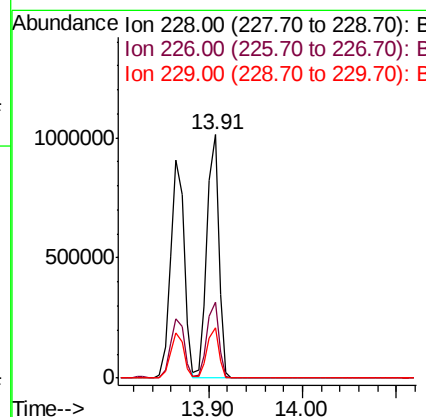
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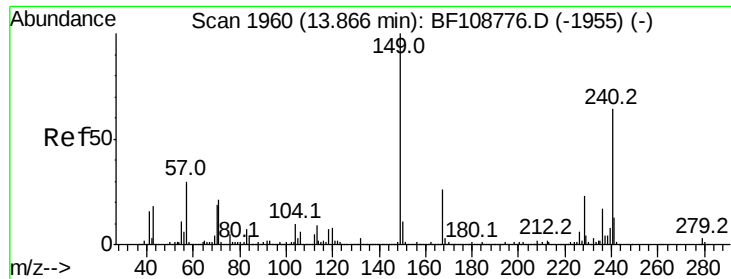
Sohil
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#82
 Chrysene
 Concen: 38.662 ng
 RT: 13.91 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: BF108910.D
 Acq: 10 Sep 2018 22:58

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.3	25.0	37.6
229	20.5	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.562 ng

RT: 13.87 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BF108910.D

Acq: 10 Sep 2018 22:58

Instrument :

BNA_F

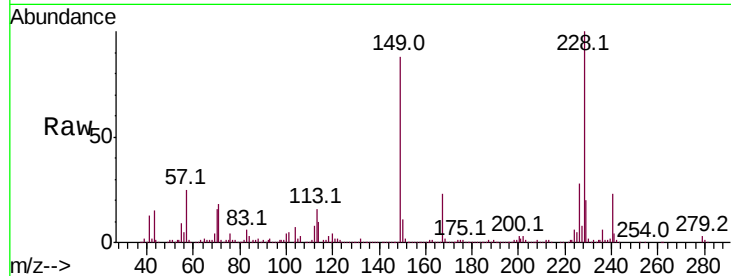
ClientSampleId :

PB112743BSD

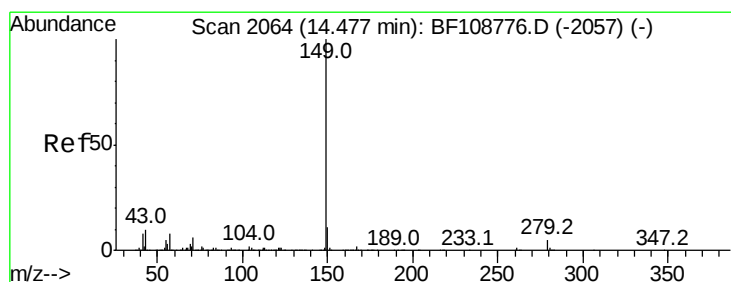
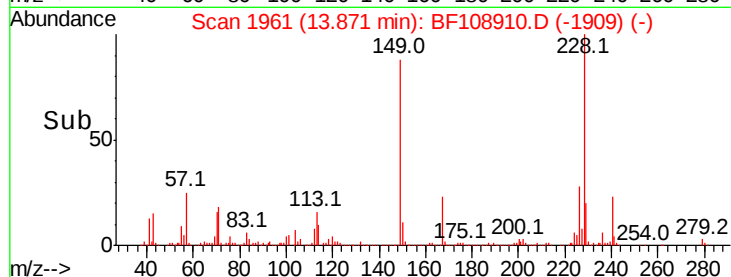
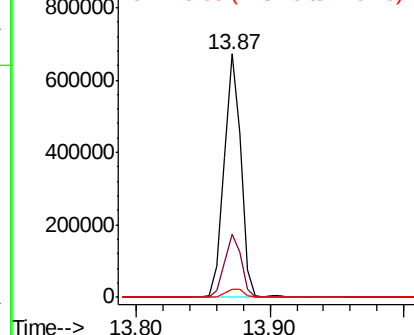
Tot Ion:	149	Resp:	597791
Ion Ratio	Lower	Upper	
149	100		
167	26.1	21.3	31.9
279	3.5	3.0	4.4

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.830 ng

RT: 14.48 min Scan# 2064

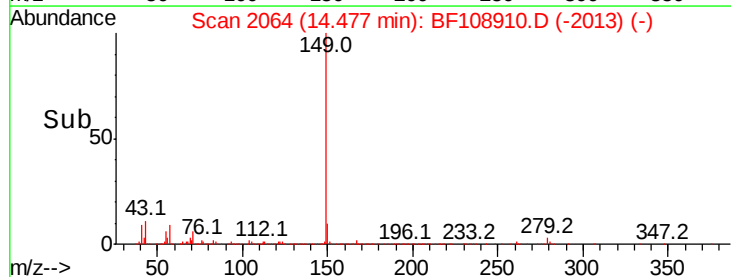
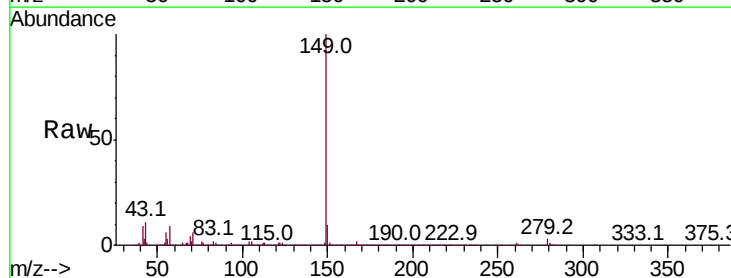
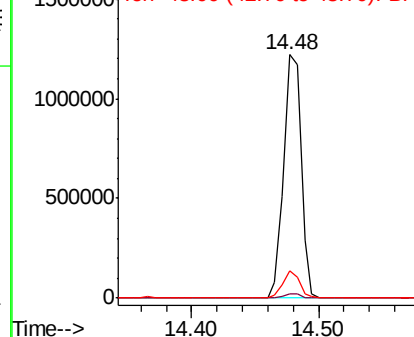
Delta R.T. 0.00 min

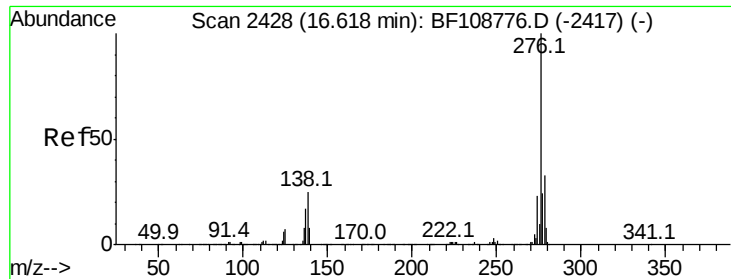
Lab File: BF108910.D

Acq: 10 Sep 2018 22:58

Tgt Ion:	149	Resp:	1167503
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	10.0	8.4	12.6

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





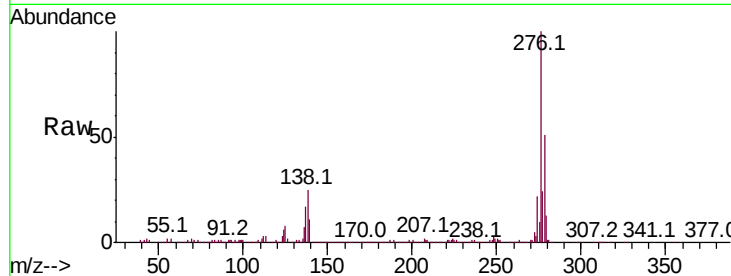
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.335 ng
 RT: 16.65 min Scan# 2434
 Delta R.T. 0.04 min
 Lab File: BF108910.D
 Acq: 10 Sep 2018 22:58

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.6	25.0	37.6
277	24.8	20.1	30.1

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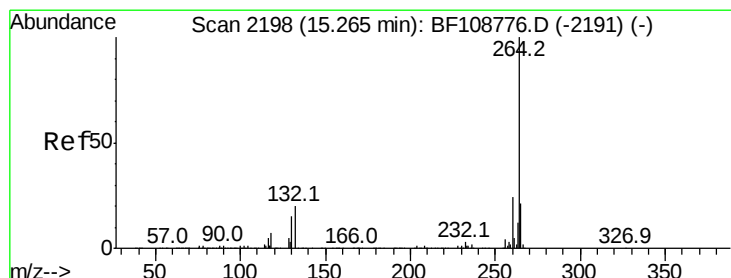
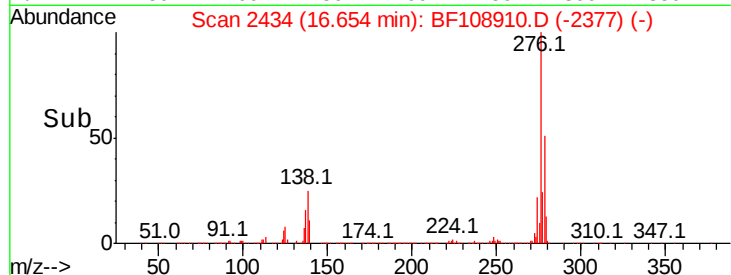
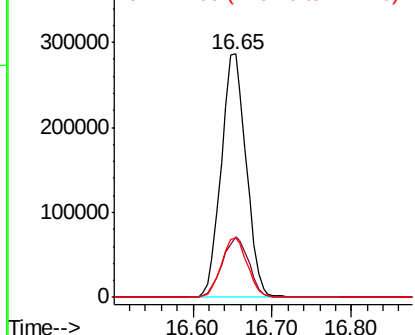


Abundance

Ion 276.00 (275.70 to 276.70): E

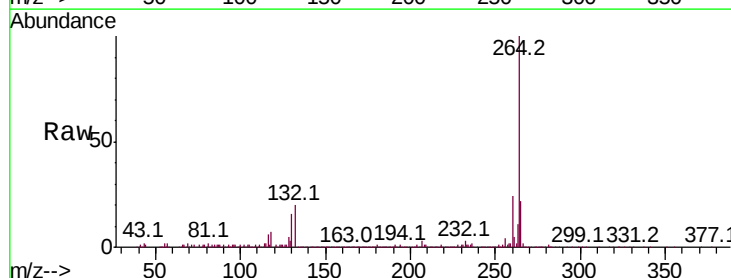
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2201
 Delta R.T. 0.02 min
 Lab File: BF108910.D
 Acq: 10 Sep 2018 22:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.1	17.5	26.3

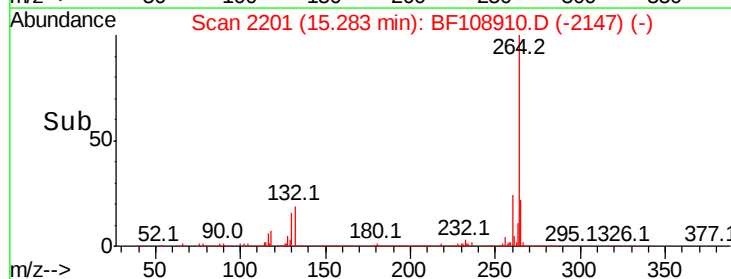
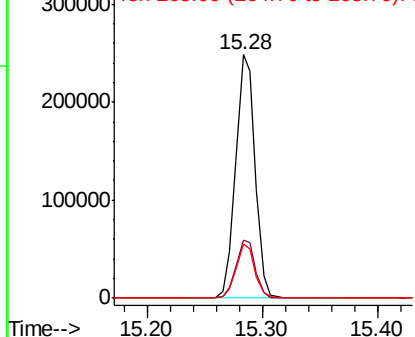


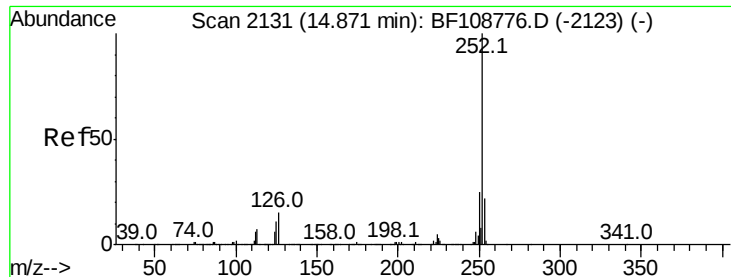
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.662 ng

RT: 14.89 min Scan# 2134

Delta R.T. 0.02 min

Lab File: BF108910.D

Acq: 10 Sep 2018 22:58

Instrument :

BNA_F

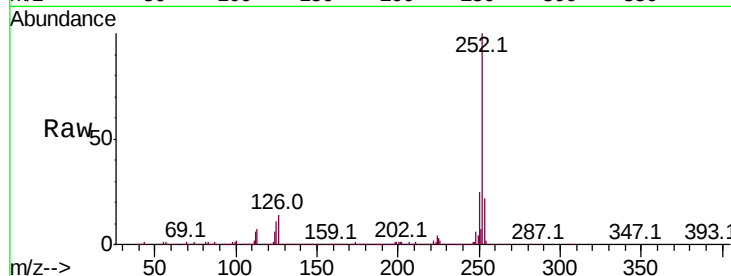
ClientSampleId :

PB112743BSD

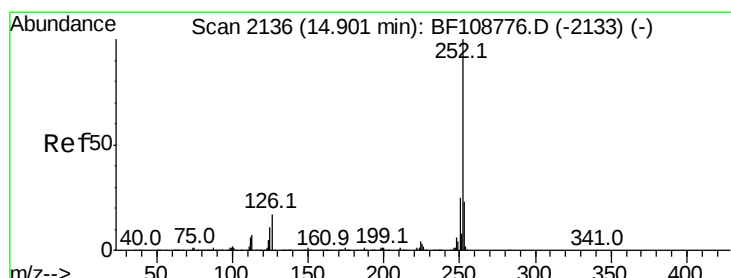
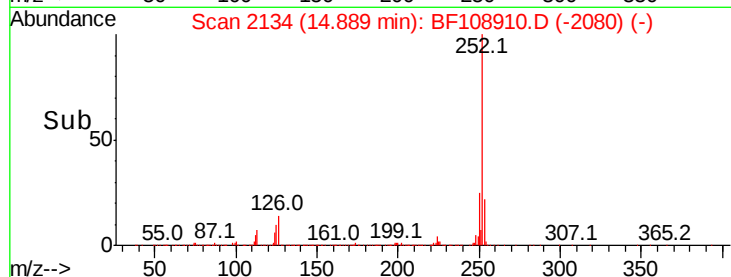
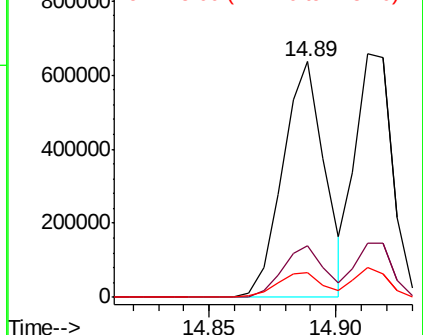
Tot Ion:	252	Resp:	733011
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.0	25.6
125	10.6	9.0	13.6

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



#88

Benzo(k)fluoranthene

Concen: 46.044 ng

RT: 14.91 min Scan# 2138

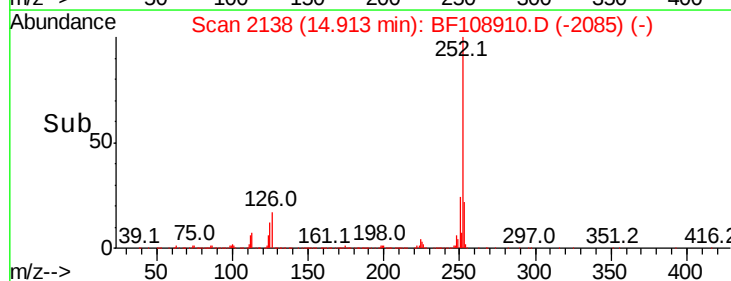
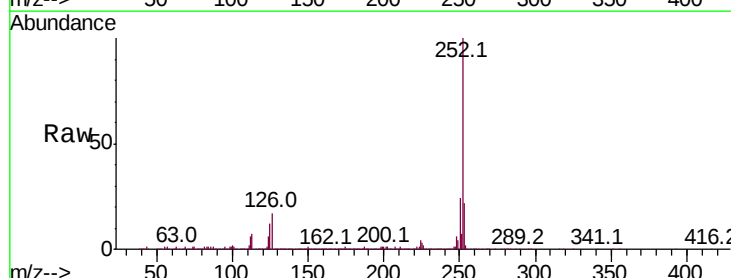
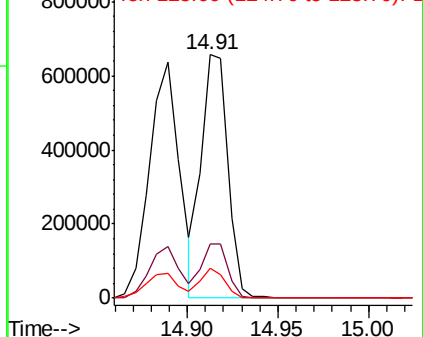
Delta R.T. 0.01 min

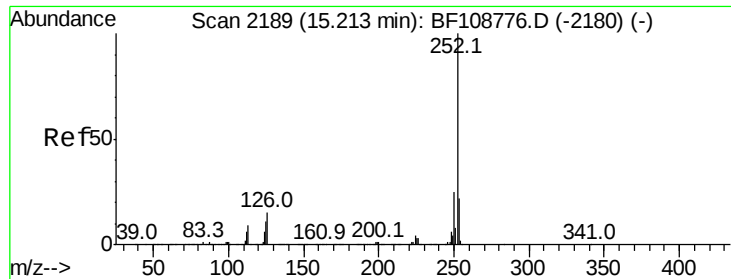
Lab File: BF108910.D

Acq: 10 Sep 2018 22:58

Tgt Ion:	252	Resp:	666101
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.9	26.9
125	12.1	10.2	15.2

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





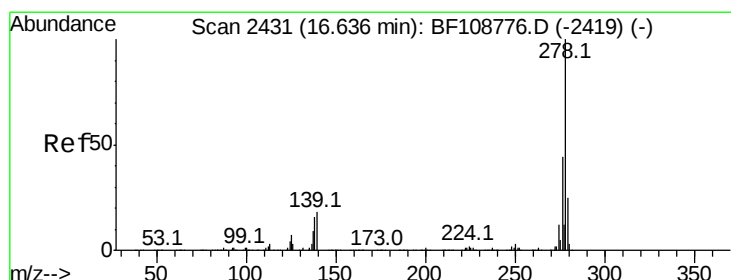
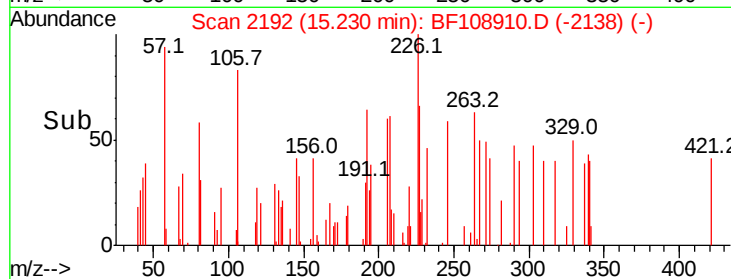
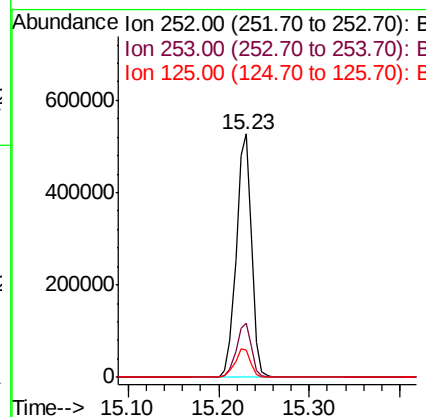
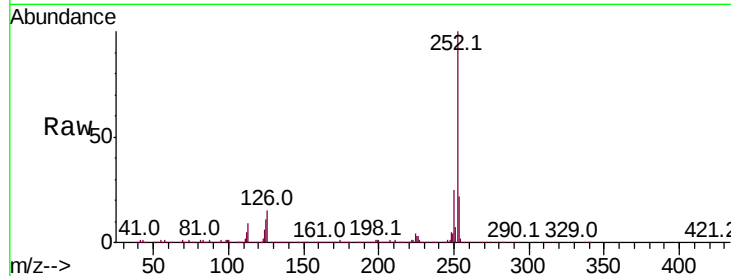
#89
Benzo(a)pyrene
Concen: 44.145 ng
RT: 15.23 min Scan# 2192
Delta R.T. 0.02 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	11.3	9.8	14.6

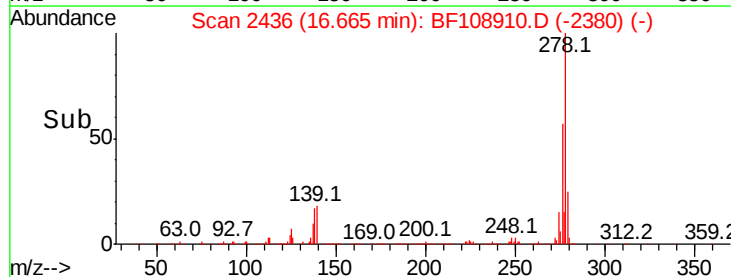
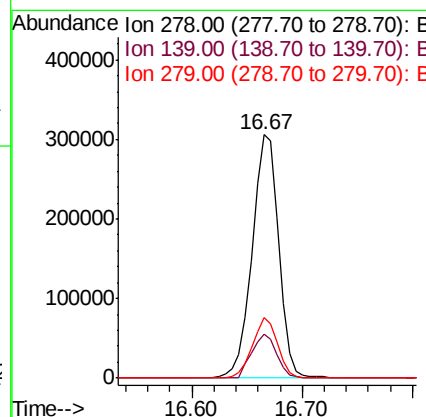
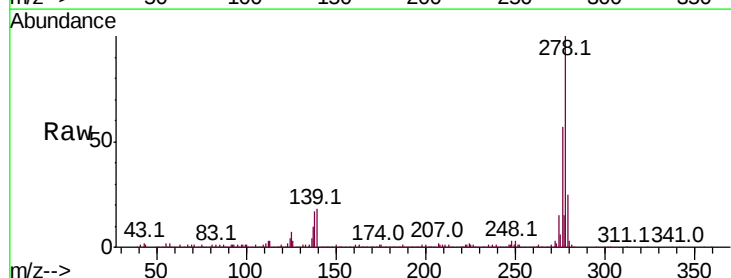
Manual Integrations
APPROVED

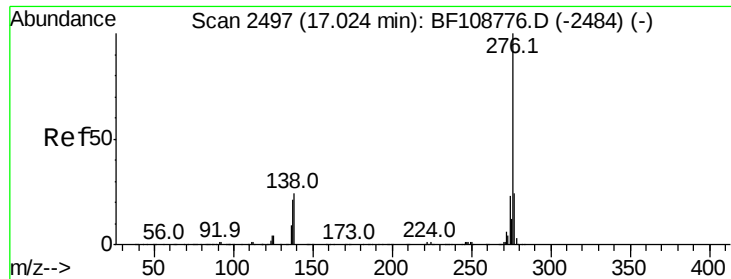
Sohil
9/11/2018 9:34:26 AM



#90
Dibenzo(a,h)anthracene
Concen: 41.492 ng
RT: 16.67 min Scan# 2436
Delta R.T. 0.03 min
Lab File: BF108910.D
Acq: 10 Sep 2018 22:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.9	15.9	23.9
279	24.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.134 ng
 RT: 17.06 min Scan# 2503
 Delta R.T. 0.04 min
 Lab File: BF108910.D
 Acq: 10 Sep 2018 22:58

Instrument :
 BNA_F
 ClientSampleId :
 PB112743BSD

Tot Ion:	276	Resp:	514405
Ion Ratio	Lower	Upper	
276	100		
277	23.5	17.9	26.9
138	23.9	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 9/11/2018 9:34:26 AM

