

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062718\
 Data File : BF106866.D
 Acq On : 27 Jun 2018 12:46
 Operator : JU/SJ
 Sample : PB110533BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110533BS

Manual Integrations
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Sohil
 6/28/2018 2:21:29 PM

Quant Time: Jun 27 14:19:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	47640	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	184016	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	97614	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	204981	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	154381	20.00	ng	-0.02
86) Perylene-d12	15.69	264	130435	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	332956	118.35	ng	0.00
7) Phenol-d6	6.61	99	425535	121.12	ng	0.00
23) Nitrobenzene-d5	7.52	82	276411	83.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	157168	138.92	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	529929	93.34	ng	-0.01
78) Terphenyl-d14	13.08	244	671917	105.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	42775	29.573	ng	98
3) Pyridine	3.65	79	125606	32.020	ng	96
4) n-Nitrosodimethylamine	3.61	42	55574	33.356	ng	88
6) Aniline	6.62	93	137089	28.765	ng	# 91
8) 2-Chlorophenol	6.75	128	126014	40.837	ng	98
9) Benzaldehyde	6.51	77	75023	29.150	ng	94
10) Phenol	6.62	94	153616	38.312	ng	78
11) bis(2-Chloroethyl)ether	6.69	93	125885	38.030	ng	99
12) 1,3-Dichlorobenzene	6.90	146	145942	40.381	ng	97
13) 1,4-Dichlorobenzene	6.97	146	146630	40.130	ng	99
14) 1,2-Dichlorobenzene	7.12	146	138027	41.218	ng	98
15) Benzyl Alcohol	7.10	79	110547	39.185	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	171577	39.506	ng	74
17) 2-Methylphenol	7.21	107	109455	41.449	ng	# 93
18) Hexachloroethane	7.47	117	50325	39.165	ng	# 83
19) n-Nitroso-di-n-propylamine	7.37	70	85587	36.956	ng	93
20) 3+4-Methylphenols	7.37	107	132209	46.948	ng	# 71
22) Acetophenone	7.37	105	170005	41.294	ng	# 95
24) Nitrobenzene	7.54	77	136461	40.366	ng	100
25) Isophorone	7.78	82	250386	42.912	ng	100
26) 2-Nitrophenol	7.85	139	72569	45.473	ng	100
27) 2,4-Dimethylphenol	7.89	122	118379	47.991	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	158027	40.337	ng	99
29) 2,4-Dichlorophenol	8.10	162	119328	46.207	ng	93
30) 1,2,4-Trichlorobenzene	8.18	180	131160	46.104	ng	97
31) Naphthalene	8.26	128	375160	43.607	ng	99
32) Benzoic acid	8.02	122	67326	38.774	ng	99
33) 4-Chloroaniline	8.31	127	58335	16.160	ng	98
34) Hexachlorobutadiene	8.37	225	83830	45.223	ng	98
35) Caprolactam	8.69	113	41170m	48.907	ng	
36) 4-Chloro-3-methylphenol	8.81	107	124741	45.891	ng	96
37) 2-Methylnaphthalene	8.95	142	277413	48.648	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	145474	44.253	ng	# 96
40) Hexachlorocyclopentadiene	9.10	237	115825	68.482	ng	98

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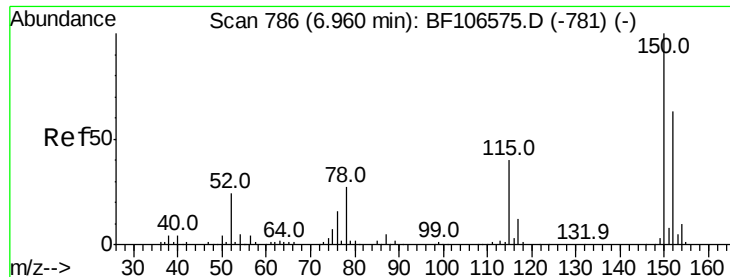
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	88273	40.397	nq	93
43) 2,4,5-Trichlorophenol	9.28	196	94275	41.346	nq #	88
45) 1,1'-Biphenyl	9.42	154	330861	42.531	nq	98
46) 2-Chloronaphthalene	9.45	162	246152	40.198	nq	94
47) 2-Nitroaniline	9.55	65	76143	36.978	nq	96
48) Acenaphthylene	9.87	152	396635	41.027	nq	99
49) Dimethylphthalate	9.71	163	299349	40.888	nq	98
50) 2,6-Dinitrotoluene	9.78	165	69905	45.092	nq	90
51) Acenaphthene	10.04	154	238002	39.094	nq	97
52) 3-Nitroaniline	9.96	138	37684	21.124	nq	90
53) 2,4-Dinitrophenol	10.07	184	68228	84.336	nq #	18
54) Dibenzofuran	10.21	168	370056	44.391	nq	97
55) 4-Nitrophenol	10.14	139	76553	61.477	nq	96
56) 2,4-Dinitrotoluene	10.20	165	92610	45.766	nq #	85
57) Fluorene	10.55	166	290087	43.853	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	85248	47.033	nq #	78
59) Diethylphthalate	10.41	149	278845	39.462	nq #	94
60) 4-Chlorophenyl-phenylether	10.54	204	150224	43.403	nq #	87
61) 4-Nitroaniline	10.58	138	70814	39.997	nq	92
62) Azobenzene	10.70	77	270032	38.807	nq	90
64) 4,6-Dinitro-2-methylphenol	10.61	198	56583	44.656	nq #	68
65) n-Nitrosodiphenylamine	10.66	169	256183	37.157	nq	100
66) 4-Bromophenyl-phenylether	11.03	248	104812	42.844	nq #	79
67) Hexachlorobenzene	11.10	284	112519	43.945	nq #	80
68) Atrazine	11.18	200	91482	41.738	nq	95
69) Pentachlorophenol	11.30	266	87294	68.329	nq	98
70) Phenanthrene	11.52	178	437818	44.284	nq	99
71) Anthracene	11.57	178	454947	45.083	nq	100
72) Carbazole	11.73	167	401072	42.451	nq	98
73) Di-n-butylphthalate	12.04	149	445115	39.990	nq	99
74) Fluoranthene	12.71	202	486732	44.666	nq	95
76) Benzidine	12.83	184	137215	31.208	nq	97
77) Pyrene	12.94	202	490124	48.144	nq	100
79) Butylbenzylphthalate	13.54	149	177095	42.310	nq #	97
80) Benzo(a)anthracene	14.14	228	419586	44.594	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	57303	17.328	nq #	97
82) Chrysene	14.18	228	381049	44.020	nq	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	226825	42.387	nq #	97
84) Di-n-octyl phthalate	14.74	149	326856	37.472	nq	95
85) Indeno(1,2,3-cd)pyrene	17.27	276	394084	53.646	nq #	89
87) Benzo(b)fluoranthene	15.24	252	337406	41.642	nq #	96
88) Benzo(k)fluoranthene	15.27	252	335974	43.542	nq #	95
89) Benzo(a)pyrene	15.63	252	328384	45.590	nq #	96
90) Dibenzo(a,h)anthracene	17.29	278	323139	52.935	nq #	93
91) Benzo(g,h,i)perylene	17.76	276	346623	58.094	nq #	90

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



#1

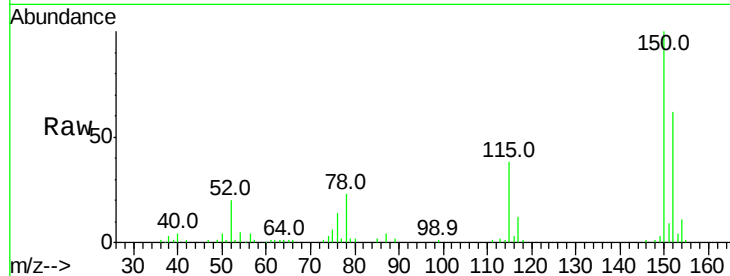
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	124.6	186.8
115	61.0	50.1	75.1

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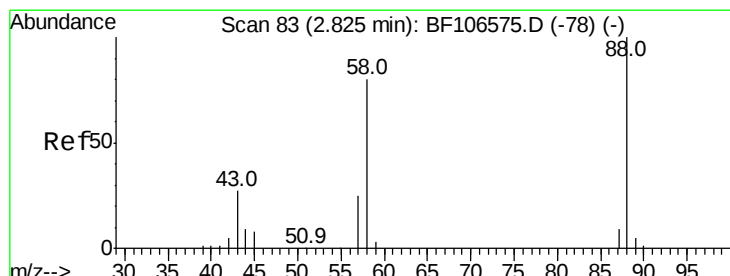
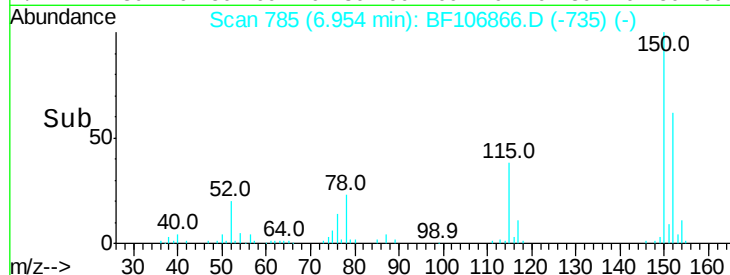
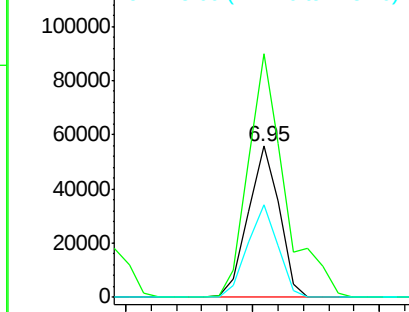


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

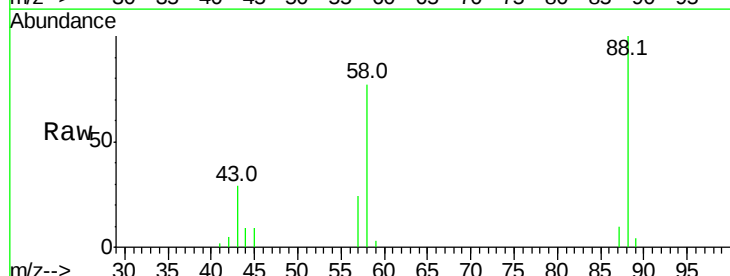
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.573 ng
RT: 2.88 min Scan# 93
Delta R.T. 0.06 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.7	62.6	93.8
43	28.4	24.6	37.0

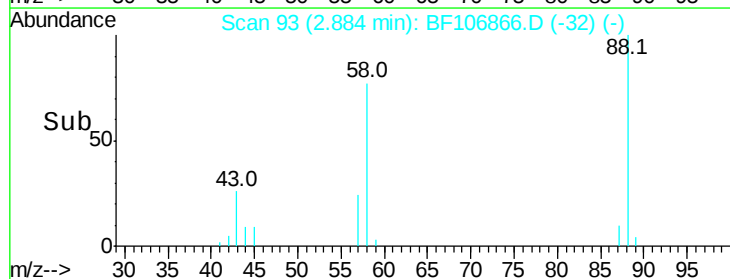
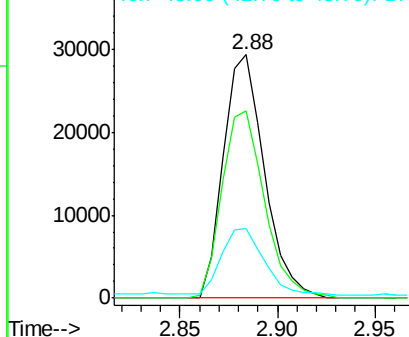


Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.020 ng

RT: 3.65 min Scan# 224

Delta R.T. 0.05 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Instrument :

BNA_F

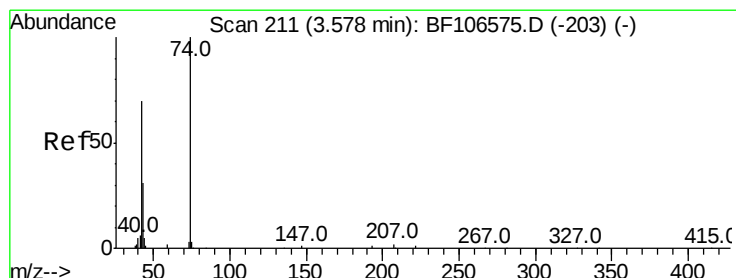
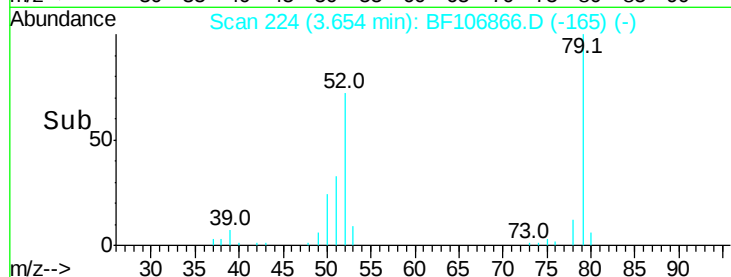
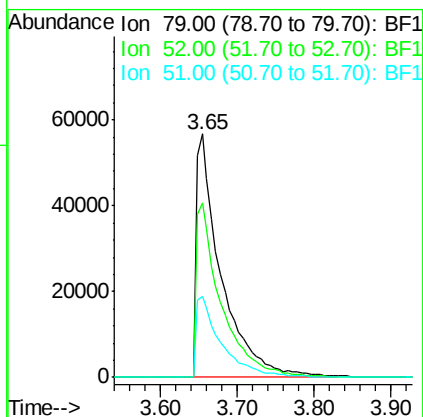
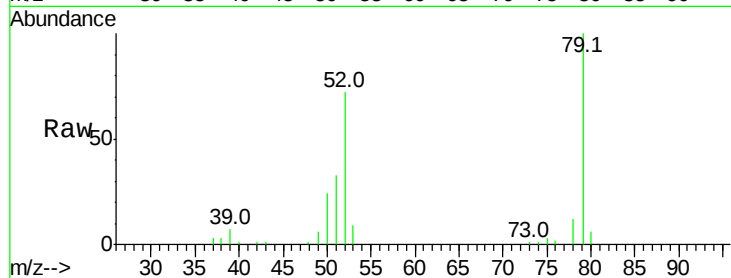
ClientSampleId :

PB110533BS

Tot Ion:	79	Resp:	125606
Ion Ratio	Lower	Upper	
79	100		
52	71.9	59.8	89.6
51	33.3	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 33.356 ng

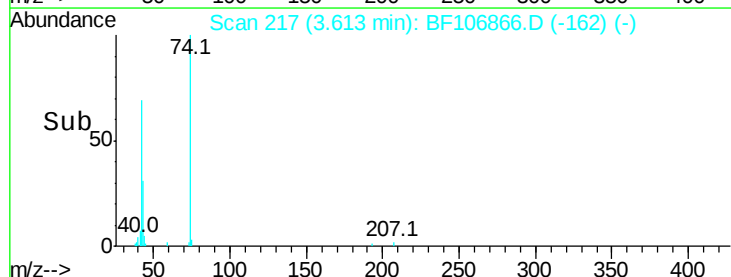
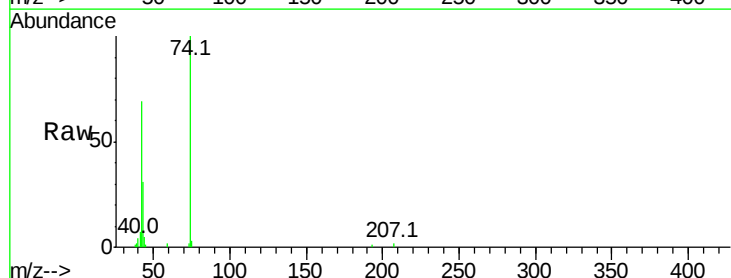
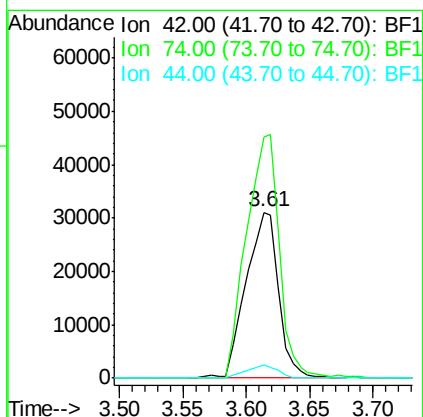
RT: 3.61 min Scan# 217

Delta R.T. 0.02 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Tgt Ion:	42	Resp:	55574
Ion Ratio	Lower	Upper	
42	100		
74	145.7	104.9	157.3
44	7.8	6.9	10.3





#5

2-Fluorophenol

Concen: 118.346 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Instrument :

BNA_F

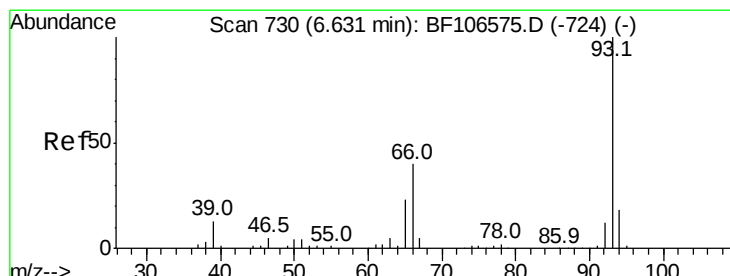
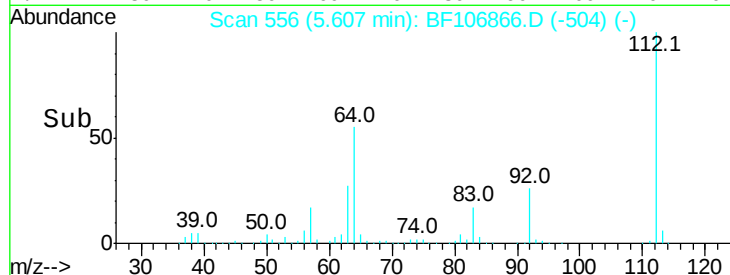
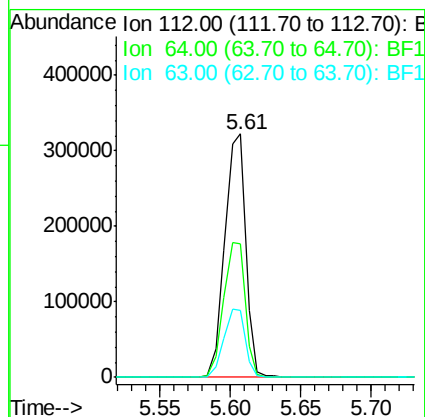
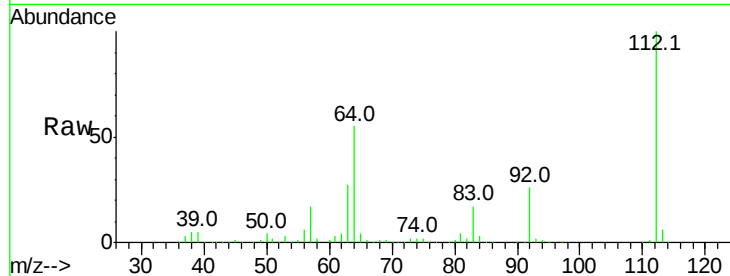
ClientSampled :

PB110533BS

Tot Ion:	112	Resp:	332956
Ion Ratio	Lower	Upper	
112	100		
64	55.1	47.9	71.9
63	27.3	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 28.765 ng

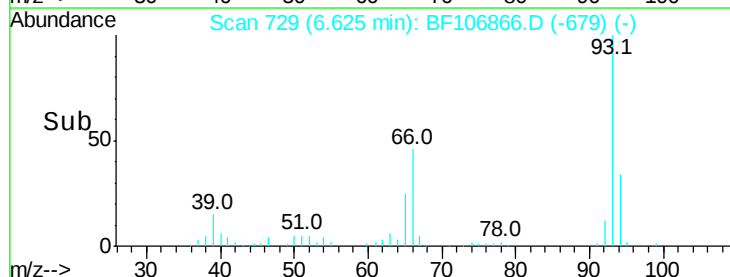
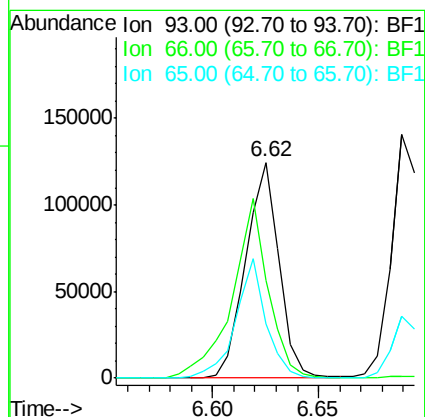
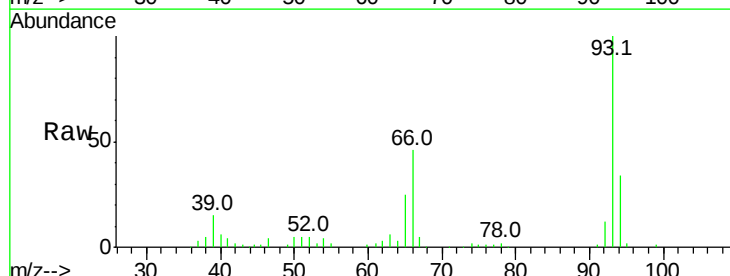
RT: 6.62 min Scan# 729

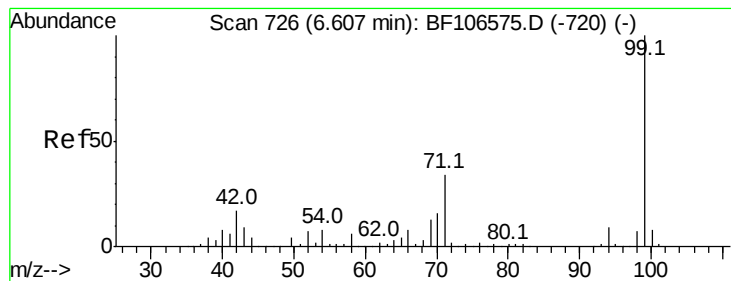
Delta R.T. -0.01 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Tgt Ion:	93	Resp:	137089
Ion Ratio	Lower	Upper	
93	100		
66	45.6	32.2	48.2
65	25.3	16.4	24.6





#7

Phenol-d6

Concen: 121.118 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Instrument :

BNA_F

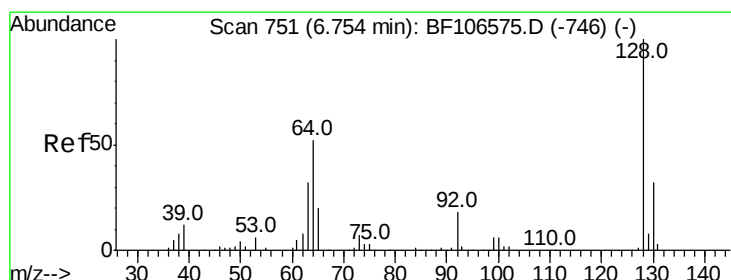
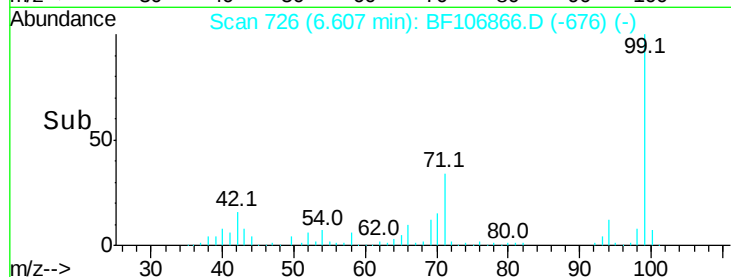
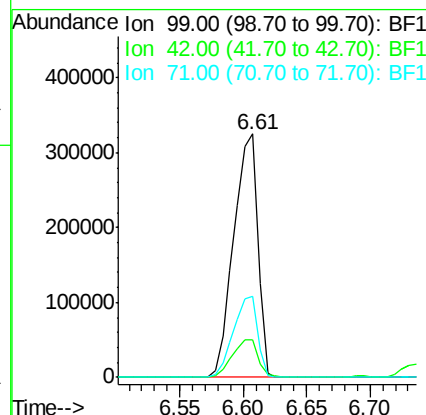
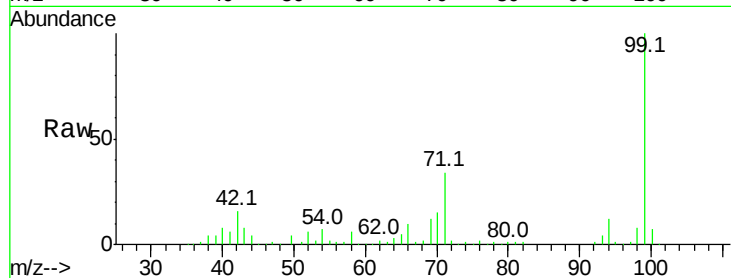
ClientSampleId :

PB110533BS

Tot Ion:	99	Resp:	425535
Ion Ratio	Lower	Upper	
99	100		
42	15.7	14.5	21.7
71	33.5	25.4	38.0

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#8

2-Chlorophenol

Concen: 40.837 ng

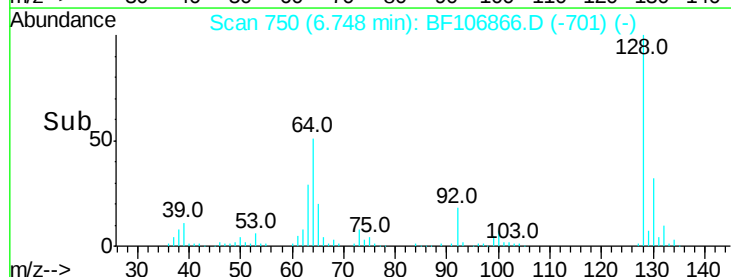
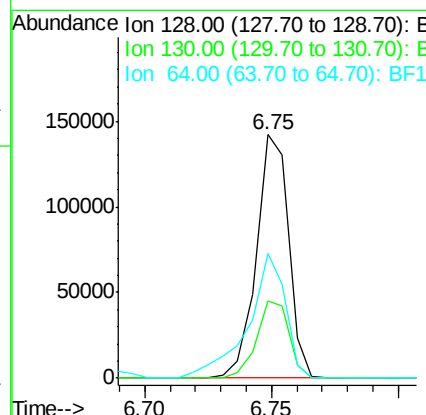
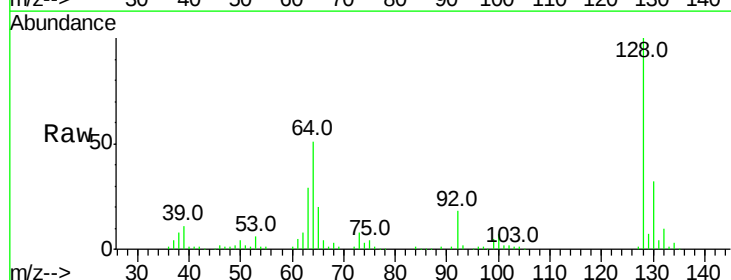
RT: 6.75 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Tgt Ion:	128	Resp:	126014
Ion Ratio	Lower	Upper	
128	100		
130	31.9	13.0	53.0
64	50.9	29.4	69.4





#9

Benzaldehyde

Concen: 29.150 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Instrument :

BNA_F

ClientSampleID :

PB110533BS

Tot Ion: 77 Resp: 75023

Ion Ratio Lower Upper

77 100

105 106.5 81.1 121.1

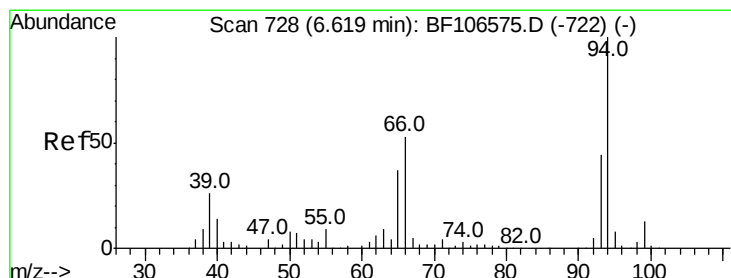
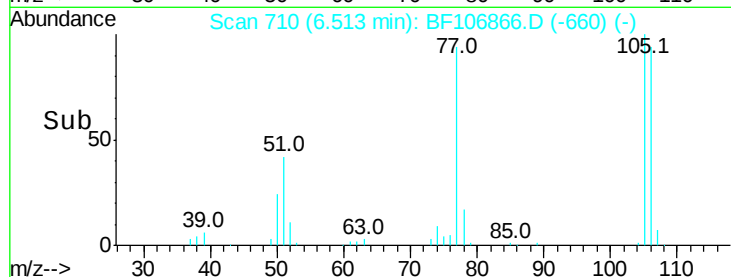
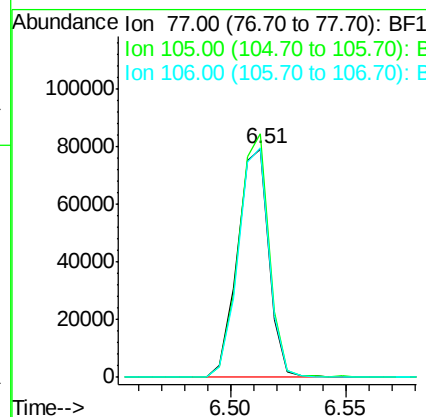
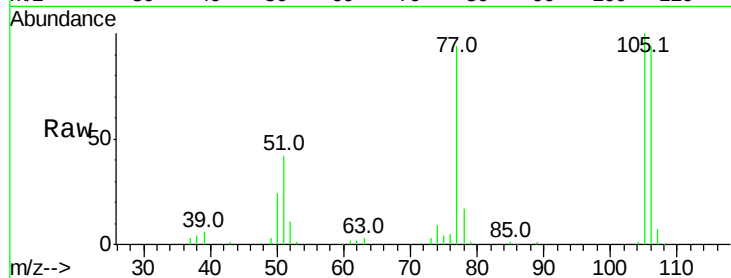
106 100.3 74.5 114.5

Manual Integrations

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#10

Phenol

Concen: 38.312 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

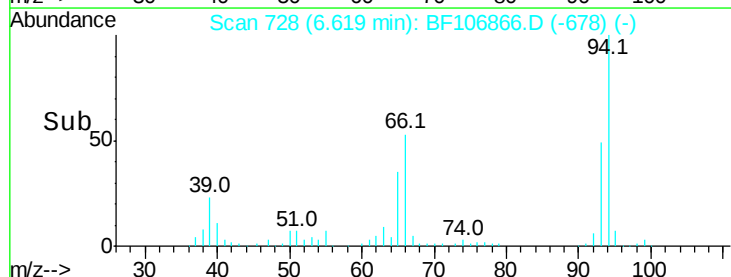
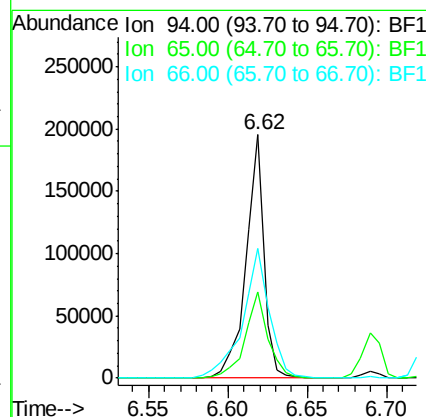
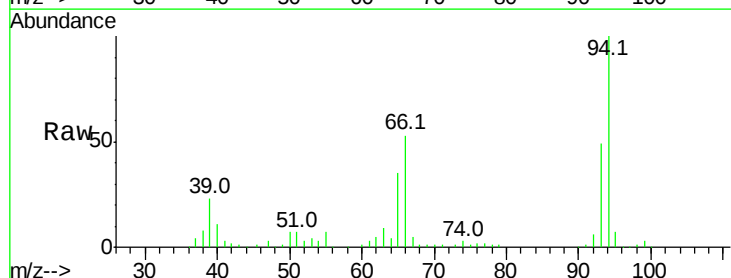
Tgt Ion: 94 Resp: 153616

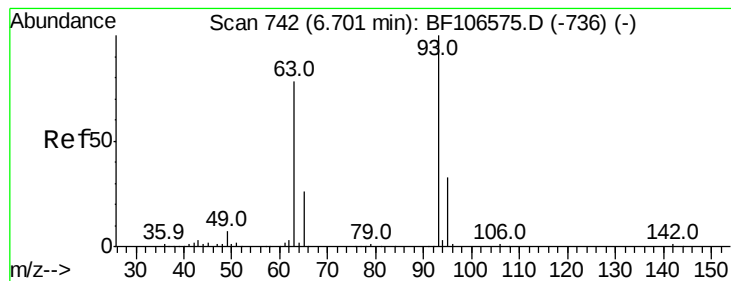
Ion Ratio Lower Upper

94 100

65 35.2 7.9 47.9

66 53.0 16.2 56.2





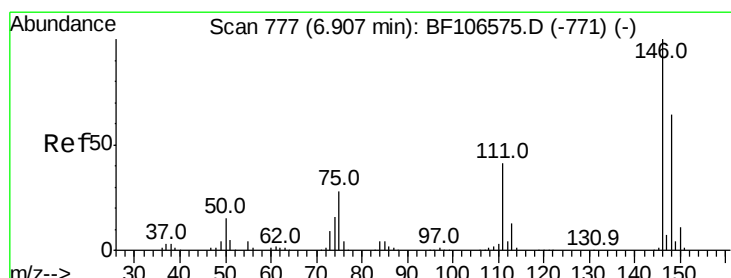
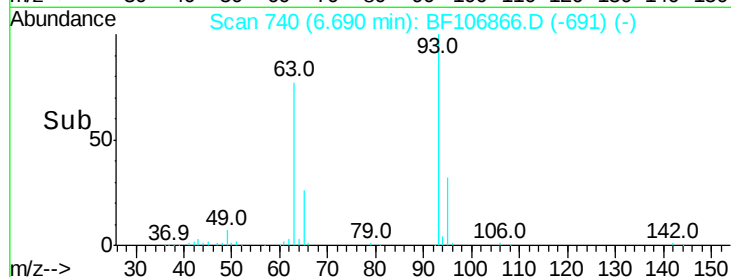
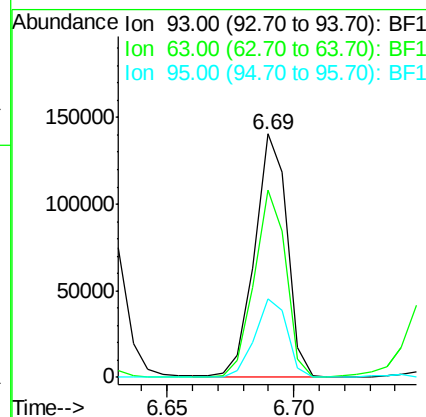
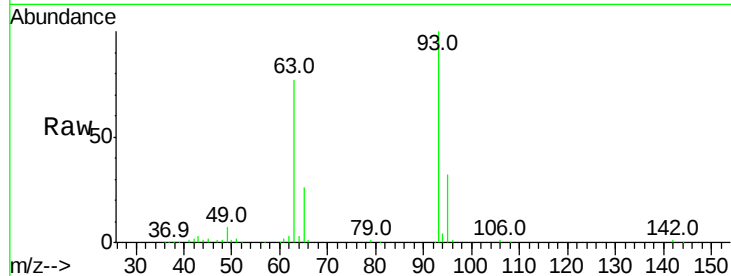
#11
bis(2-Chloroethyl)ether
Concen: 38.030 ng
RT: 6.69 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	125885		
63	77.0	58.6	98.6	
95	32.1	11.8	51.8	

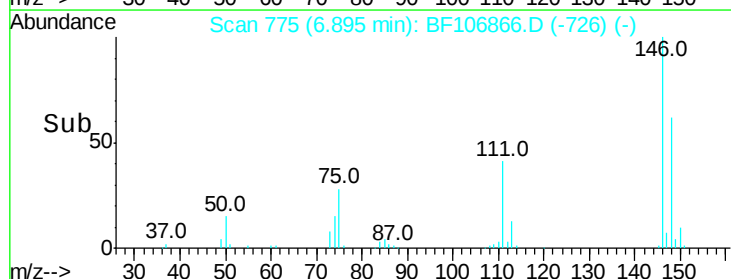
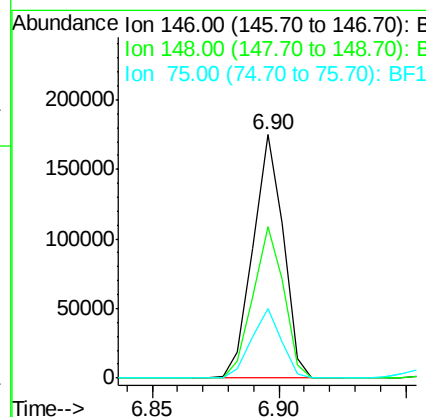
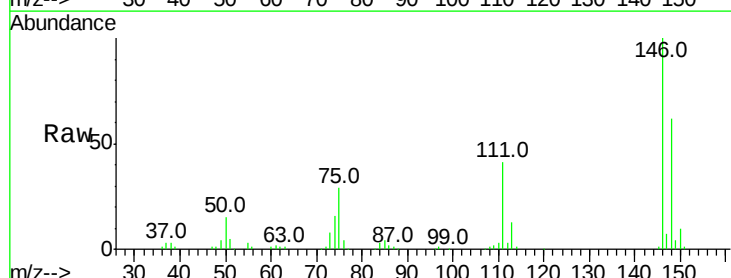
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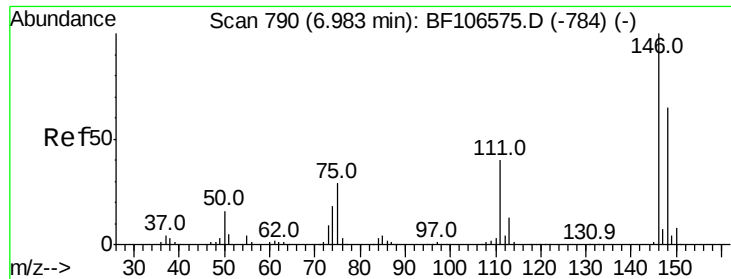
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#12
1,3-Dichlorobenzene
Concen: 40.381 ng
RT: 6.90 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	145942		
148	62.2	51.8	77.8	
75	28.5	24.2	36.4	





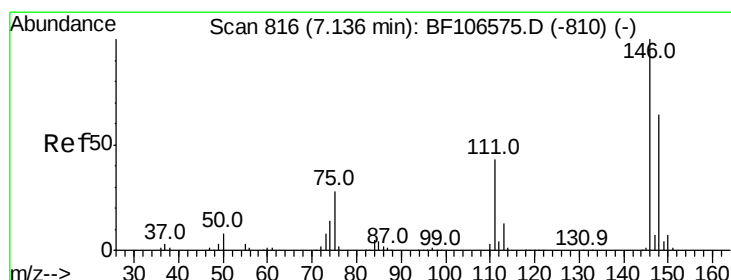
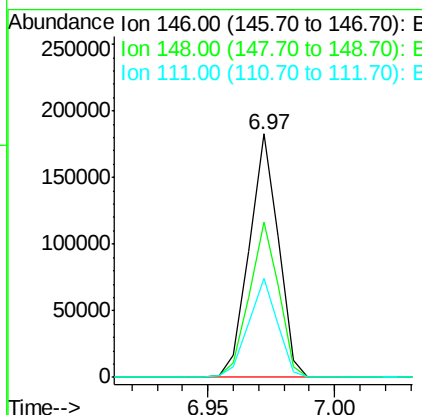
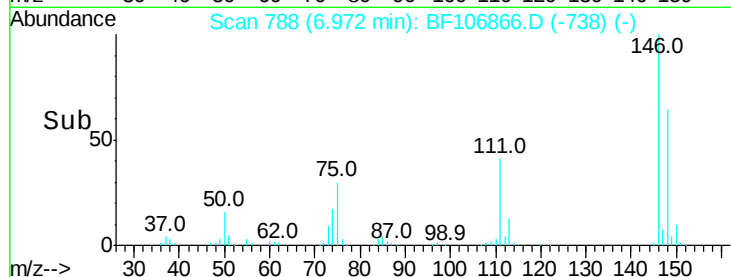
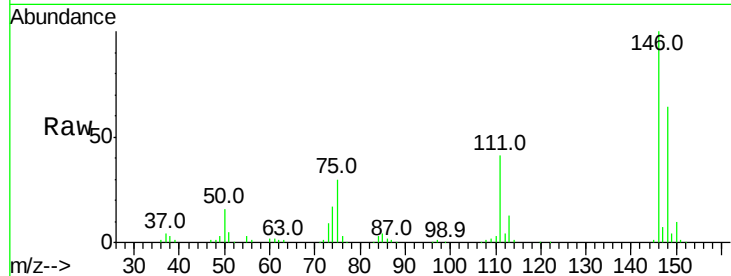
#13
 1,4-Dichlorobenzene
 Concen: 40.130 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF106866.D
 Acq: 27 Jun 2018 12:46

Instrument :
 BNA_F
 ClientSampleId :
 PB110533BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
111	40.9	34.2	51.2

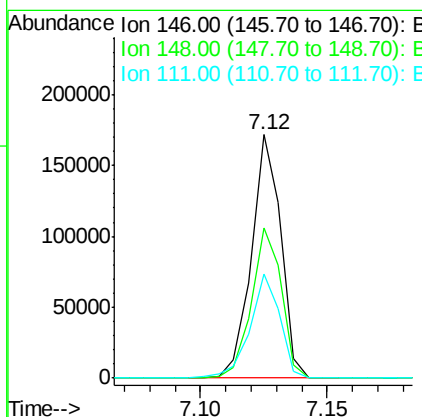
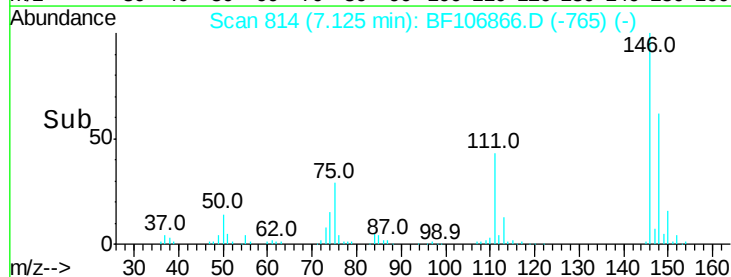
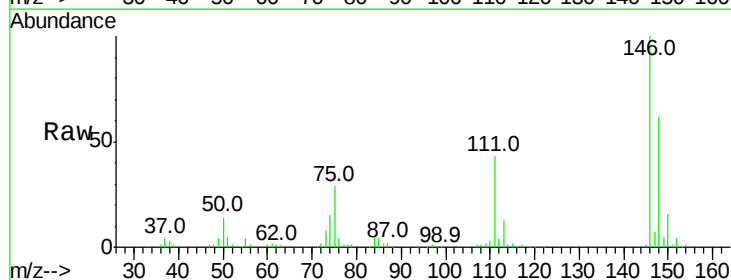
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#14
 1,2-Dichlorobenzene
 Concen: 41.218 ng
 RT: 7.12 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF106866.D
 Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	50.6	75.8
111	42.9	36.0	54.0





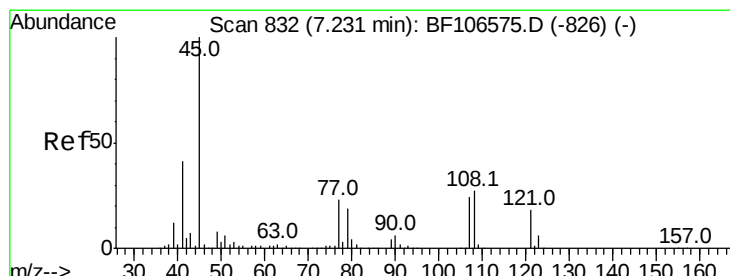
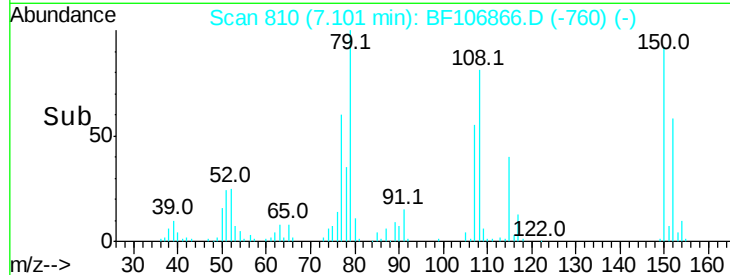
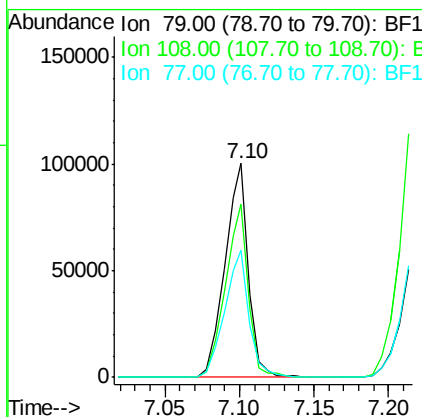
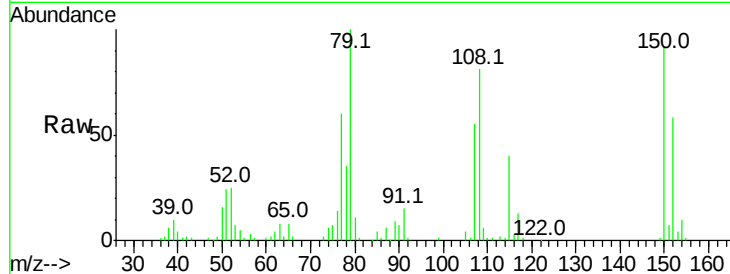
#15
Benzyl Alcohol
Concen: 39.185 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.0	65.1	97.7
77	59.7	50.6	75.8

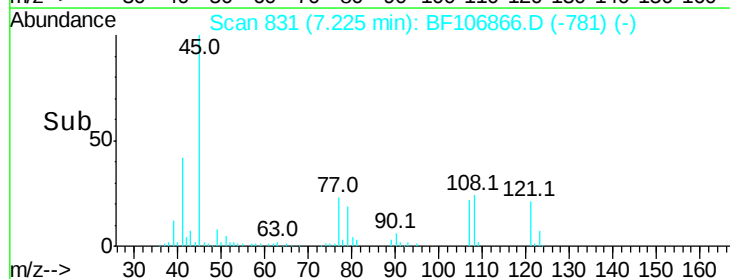
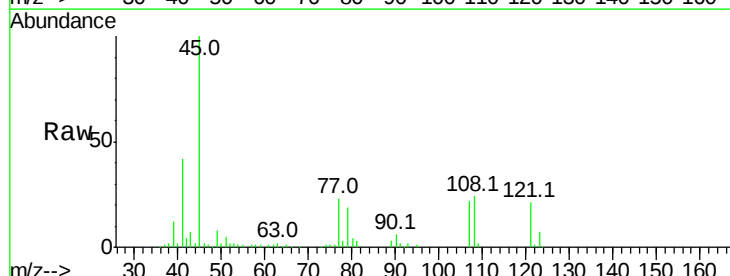
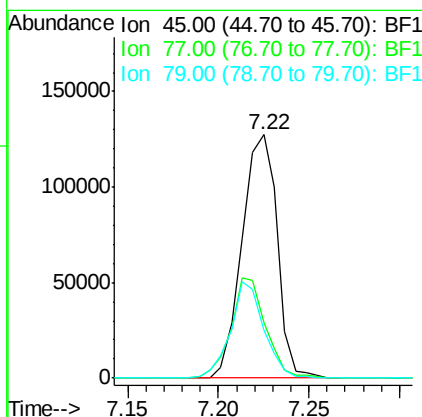
Manual Integrations
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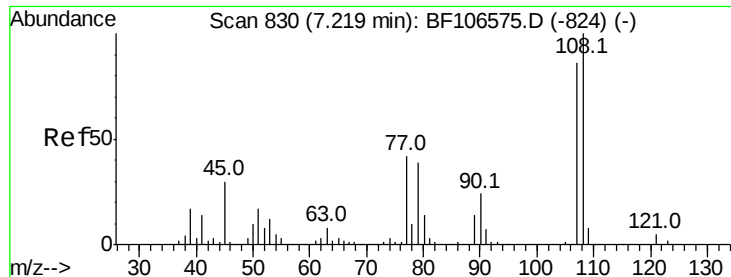
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.506 ng
RT: 7.22 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.8	0.0	32.9
79	19.4	0.0	29.6





#17

2-Methylphenol

Concen: 41.449 ng

RT: 7.21 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Instrument :

BNA_F

ClientSampleId :

PB110533BS

Tot Ion:107 Resp: 109455

Ion Ratio Lower Upper

107 100

108 111.5 91.7 137.5

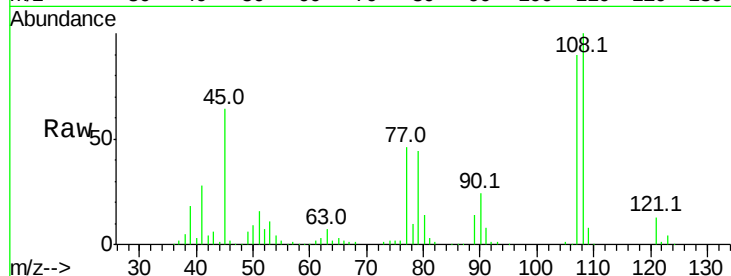
77 51.4 33.8 50.8#

79 49.4 33.8 50.8

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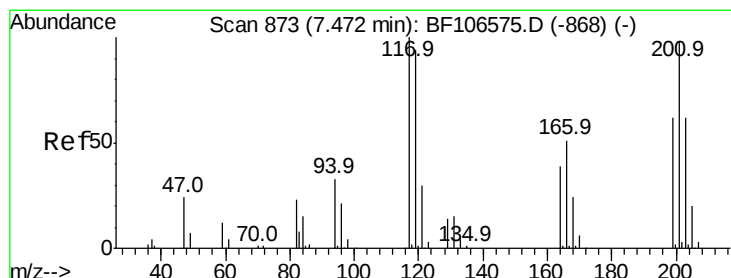
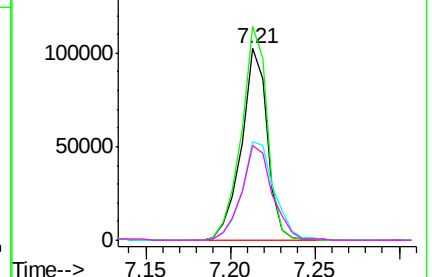
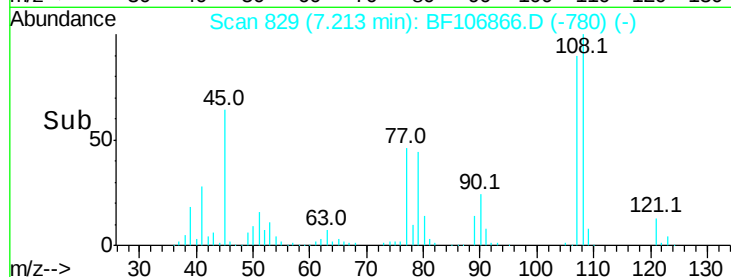


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.165 ng

RT: 7.47 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

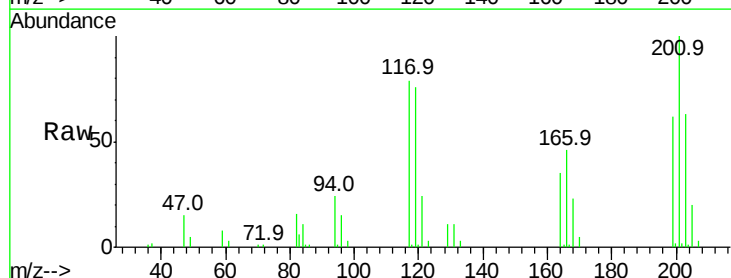
Tgt Ion:117 Resp: 50325

Ion Ratio Lower Upper

117 100

119 95.7 75.8 113.8

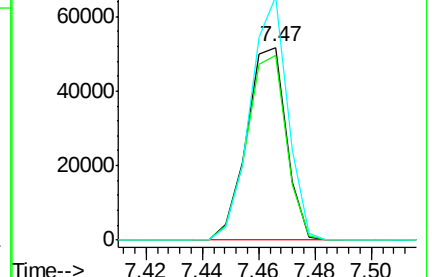
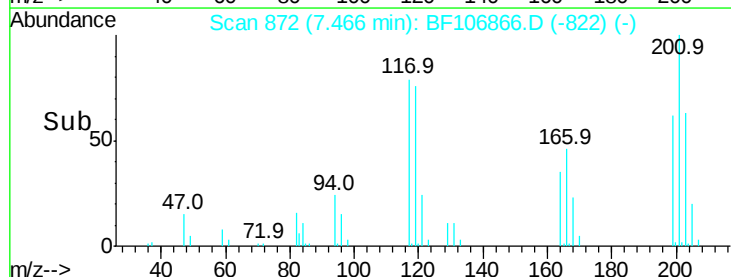
201 126.4 75.7 113.5#

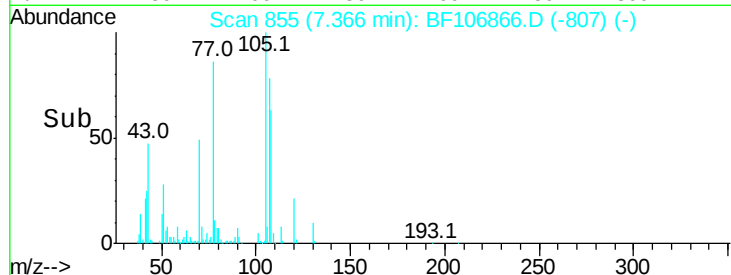
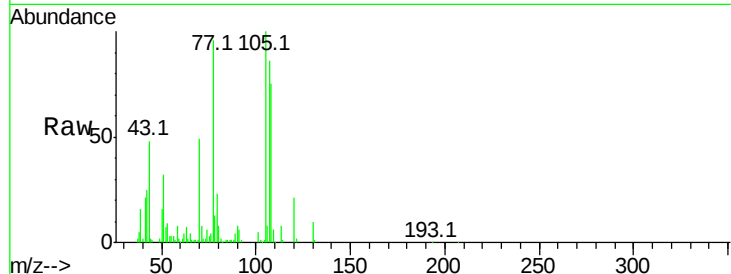


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





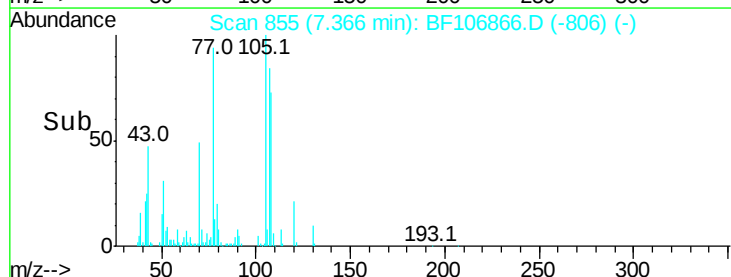
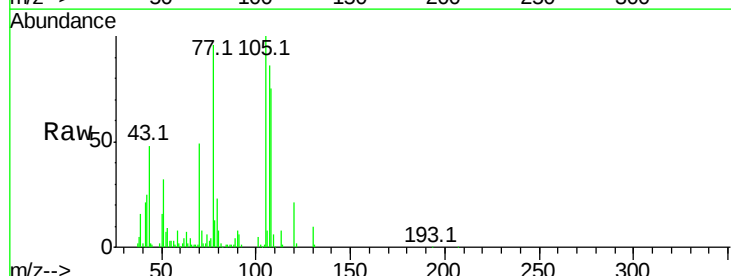
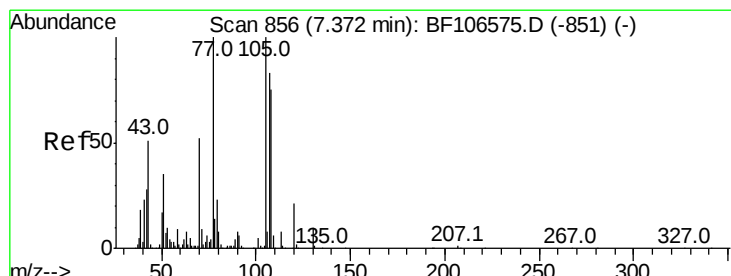
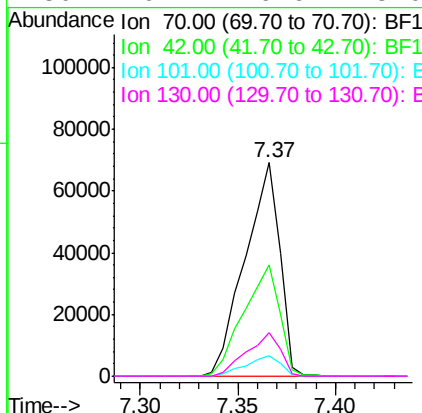
#19
n-Nitroso-di-n-propylamine
Concen: 36.956 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	70	Resp:	85587
Ion	Ratio	Lower	Upper
70	100		
42	52.0	47.5	71.3
101	9.7	7.4	11.2
130	20.4	16.6	25.0

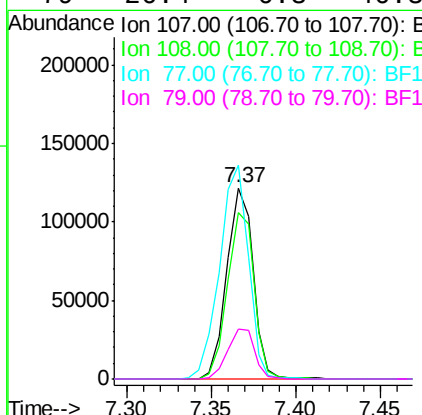
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#20
3+4-Methylphenols
Concen: 46.948 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Tgt Ion	107	Resp:	132209
Ion	Ratio	Lower	Upper
107	100		
108	87.4	68.2	108.2
77	111.9	26.7	66.7#
79	26.4	6.3	46.3





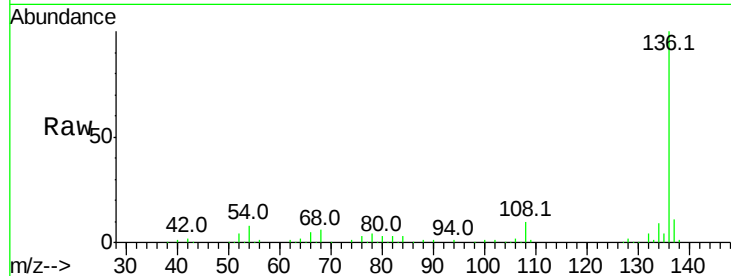
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Instrument :
BNA_F
ClientSampleId :
PB110533BS

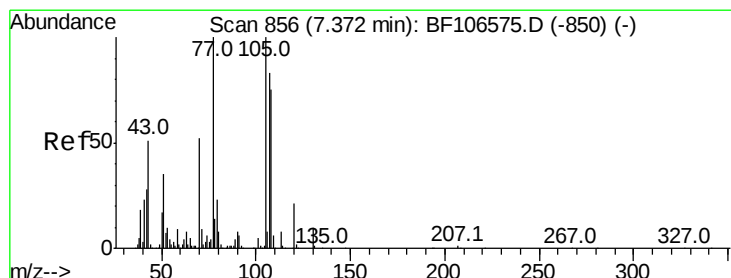
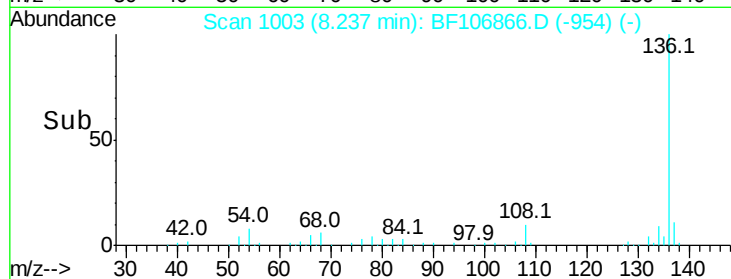
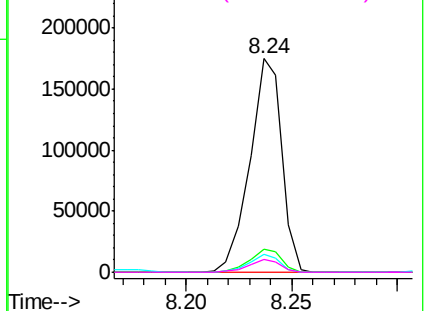
Tot Ion	Ratio	Resp	Lower	Upper
136	100	184016		
137	11.0	8.9	13.3	
54	8.2	6.6	9.8	
68	6.3	5.0	7.4	

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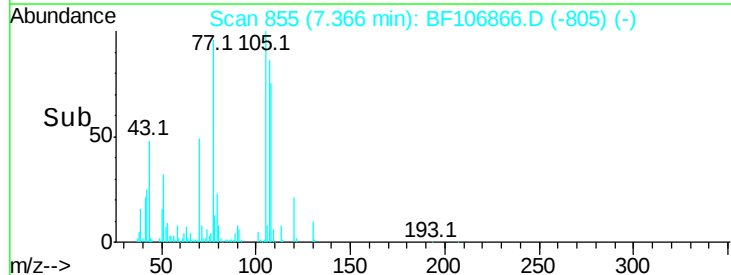
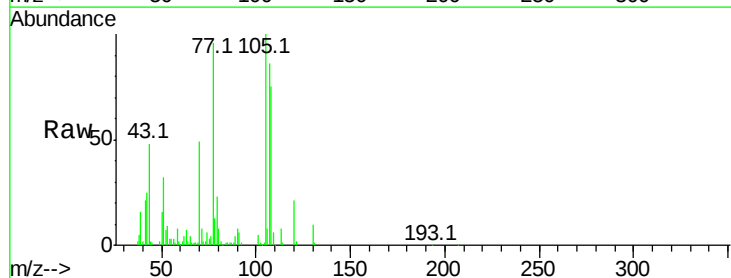
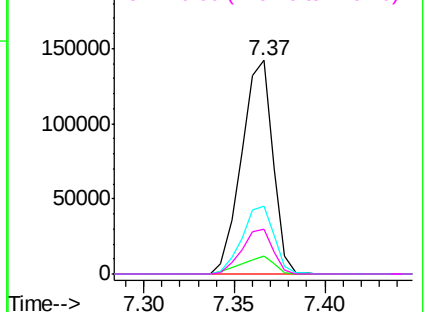
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

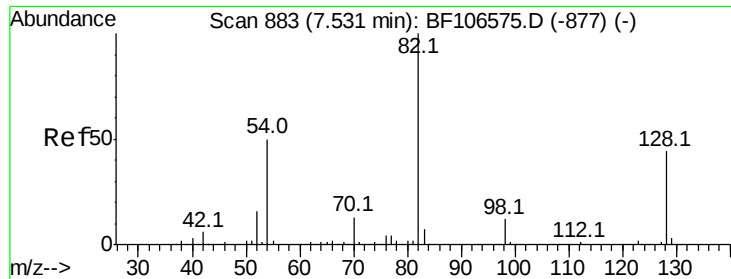


#22
Acetophenone
Concen: 41.294 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	170005		
71	8.3	4.4	6.6#	
51	32.0	22.3	33.5	
120	20.9	16.9	25.3	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





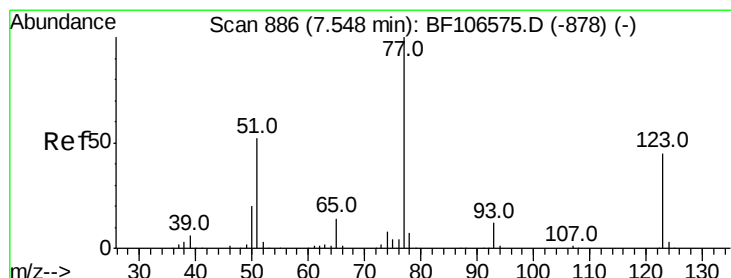
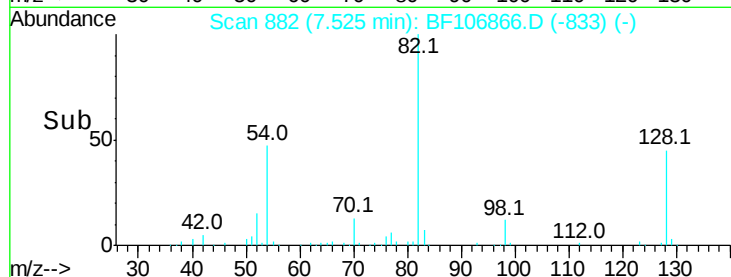
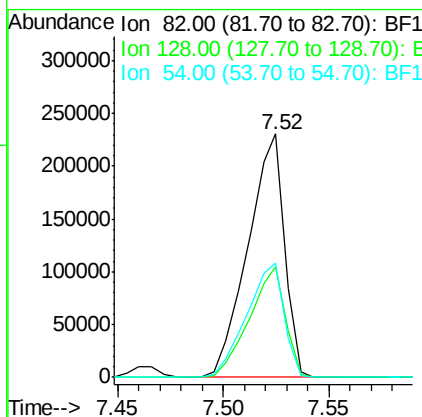
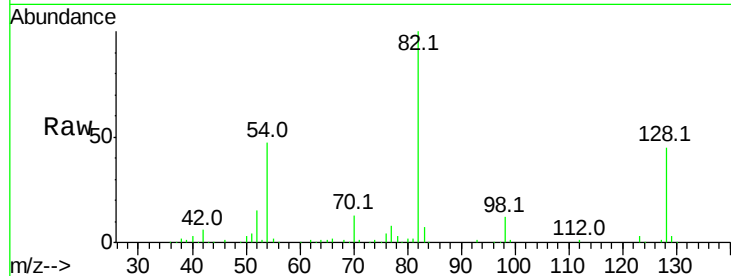
#23
 Nitrobenzene-d5
 Concen: 83.477 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106866.D
 Acq: 27 Jun 2018 12:46

Instrument :
 BNA_F
 ClientSampleId :
 PB110533BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	46.9	41.4	62.2

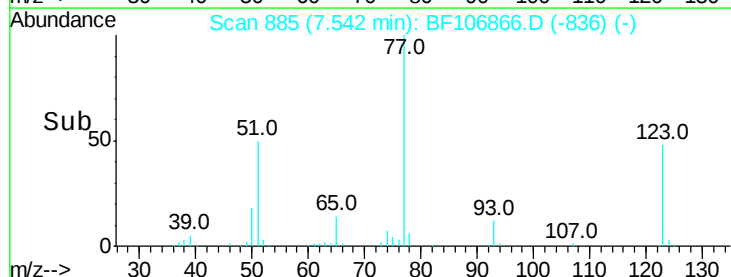
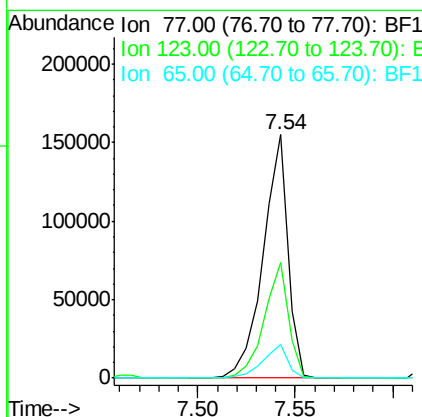
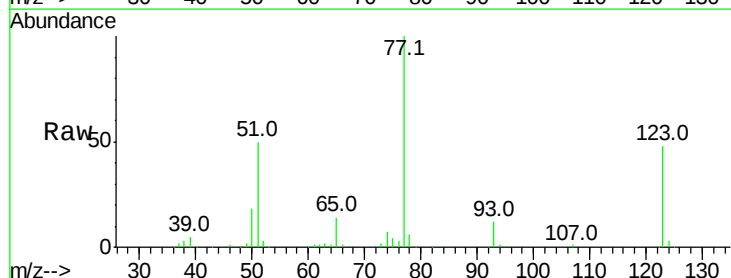
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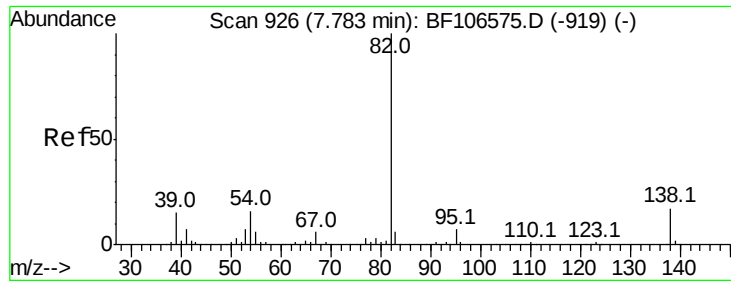
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#24
 Nitrobenzene
 Concen: 40.366 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF106866.D
 Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	37.9	56.9
65	13.7	11.0	16.4





#25

Isophorone

Concen: 42.912 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Instrument :

BNA_F

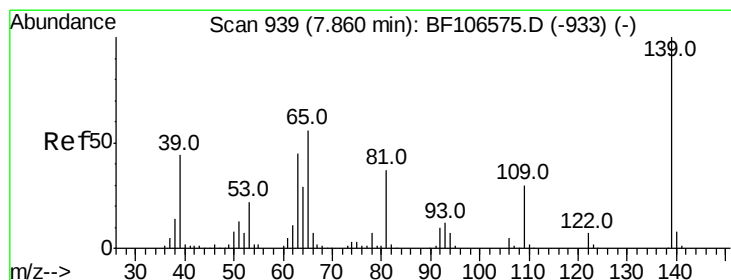
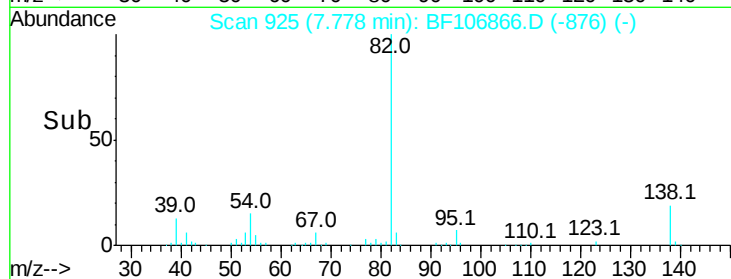
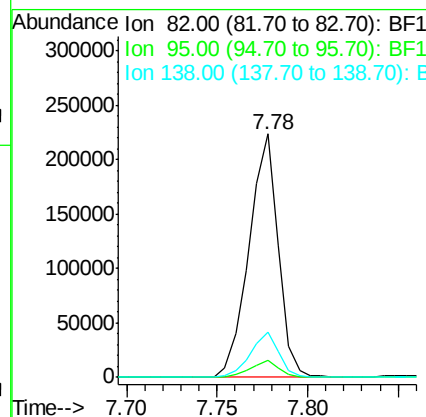
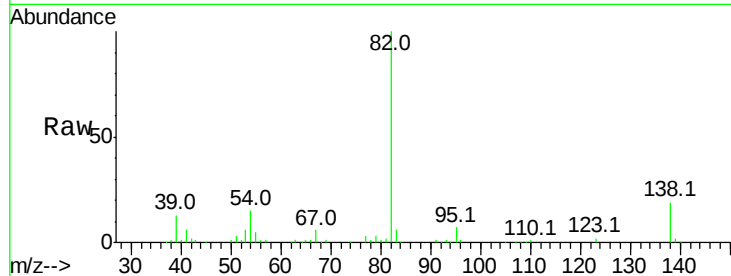
ClientSampleId :

PB110533BS

Tot Ion:	82	Resp:	250386
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	18.7	14.9	22.3

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#26

2-Nitrophenol

Concen: 45.473 ng

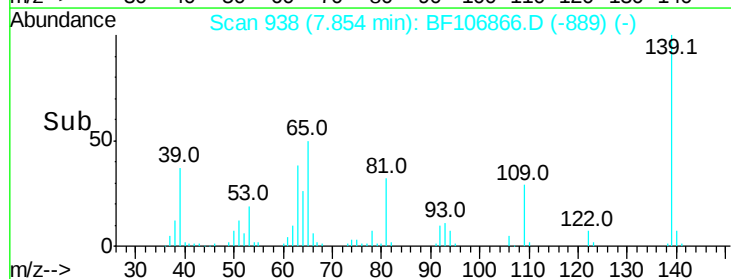
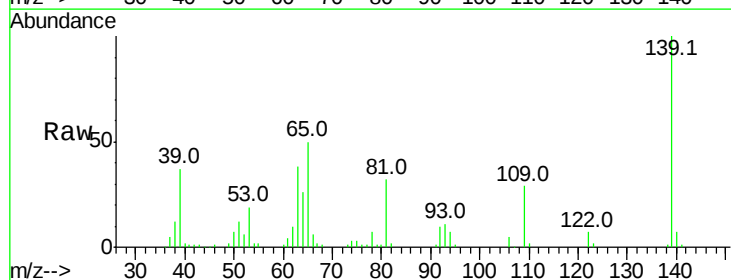
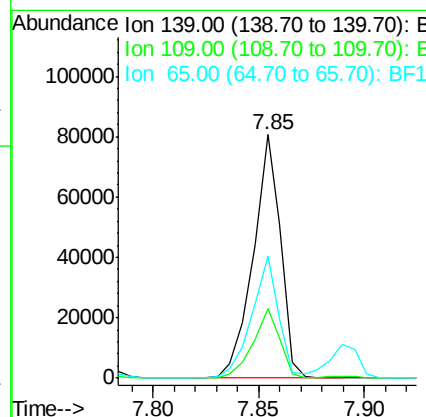
RT: 7.85 min Scan# 938

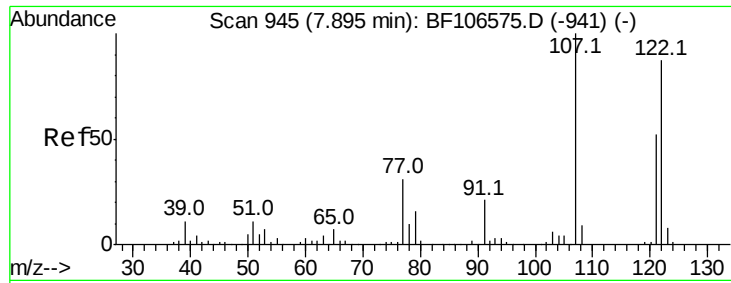
Delta R.T. -0.01 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Tgt Ion:	139	Resp:	72569
Ion Ratio	Lower	Upper	
139	100		
109	28.7	22.7	34.1
65	50.3	40.5	60.7





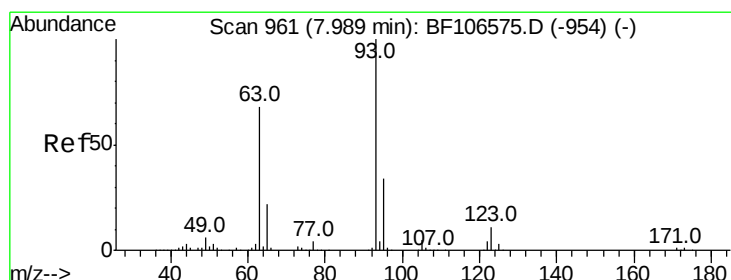
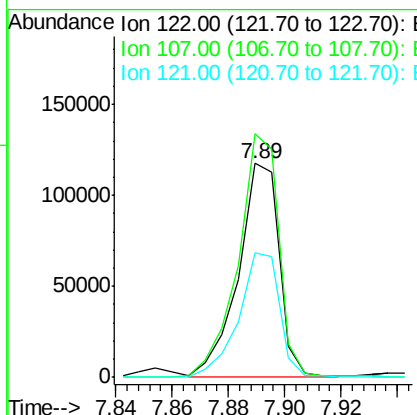
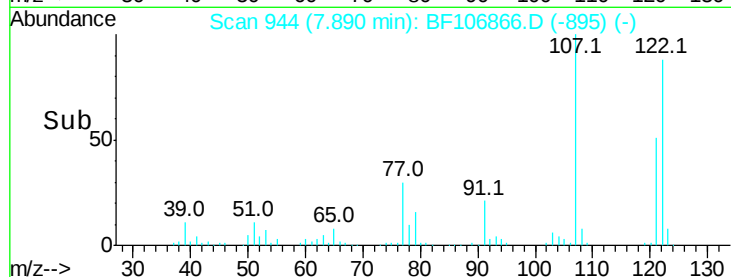
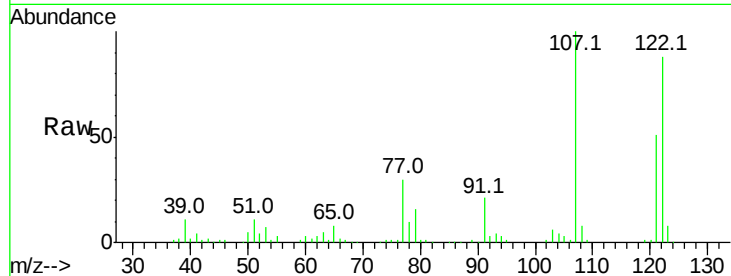
#27
 2,4-Dimethylphenol
 Concen: 47.991 ng
 RT: 7.89 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BF106866.D
 Acq: 27 Jun 2018 12:46

Instrument :
 BNA_F
 ClientSampleId :
 PB110533BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	118379		
107	113.7		91.2	136.8
121	58.2		47.2	70.8

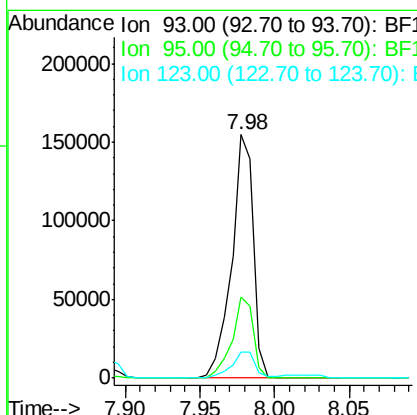
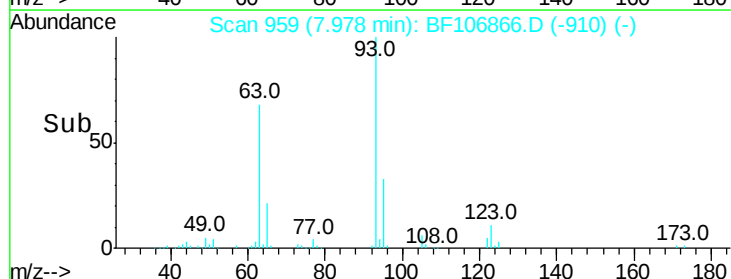
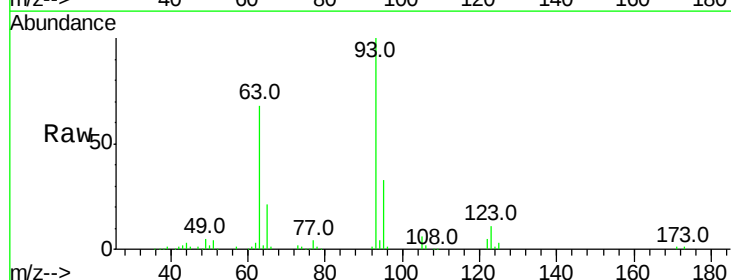
Manual Integrations
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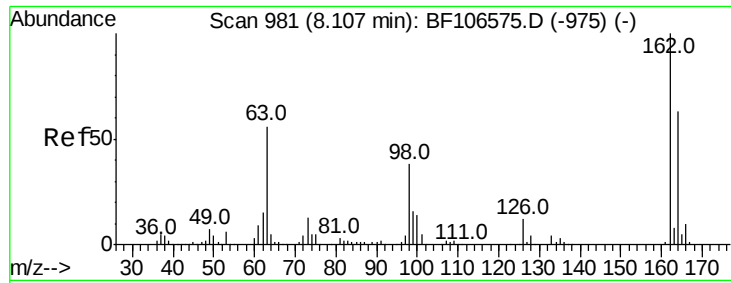
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.337 ng
 RT: 7.98 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF106866.D
 Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	158027		
95	33.1		26.3	39.5
123	10.8		9.8	14.6





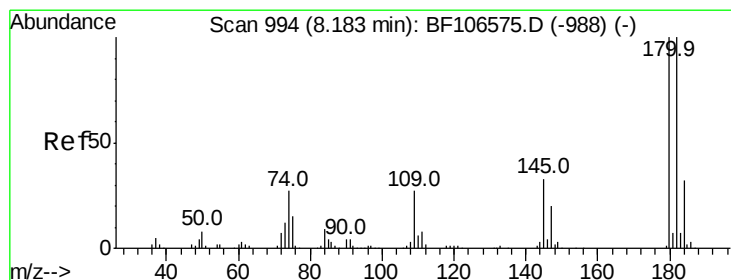
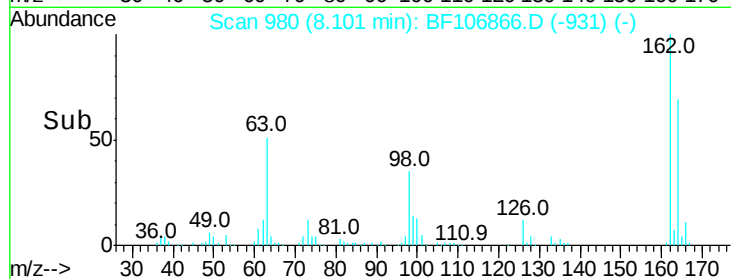
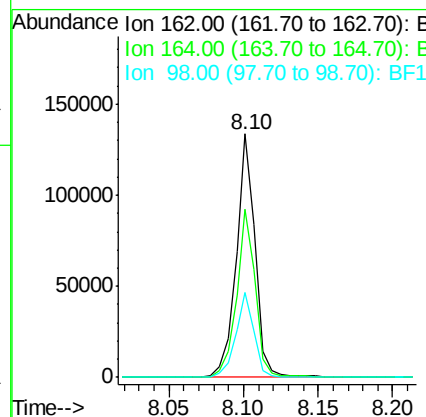
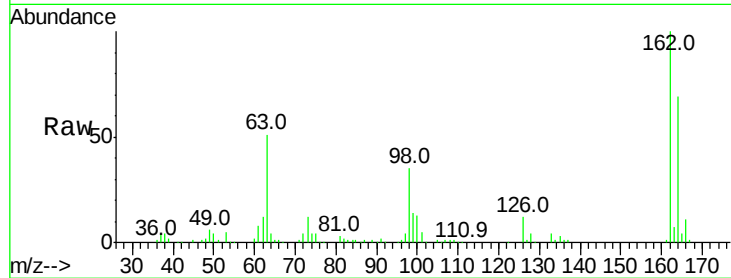
#29
 2,4-Dichlorophenol
 Concen: 46.207 ng
 RT: 8.10 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF106866.D
 Acq: 27 Jun 2018 12:46

Instrument :
 BNA_F
 ClientSampleId :
 PB110533BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	119328		
164	69.1	42.7	82.7	
98	34.6	18.1	58.1	

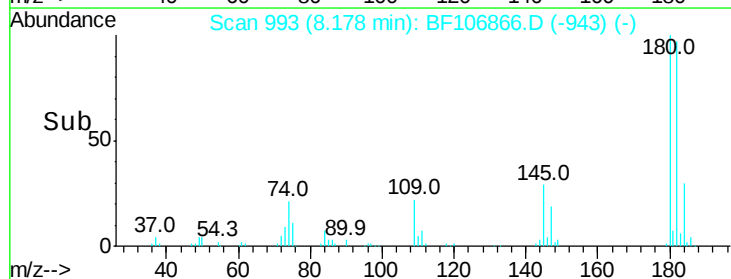
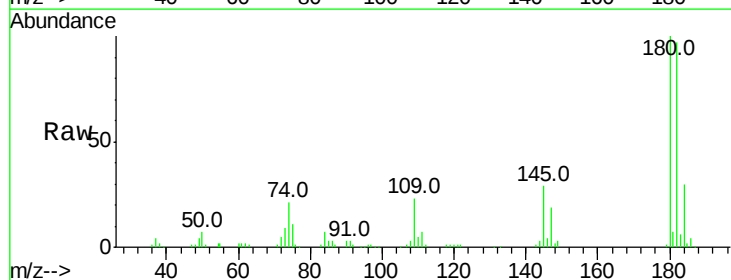
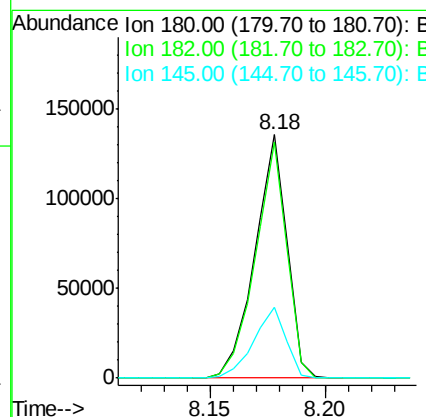
Manual Integrations
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.104 ng
 RT: 8.18 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF106866.D
 Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	131160		
182	97.1	76.8	115.2	
145	29.0	26.5	39.7	





#31

Naphthalene

Concen: 43.607 ng

RT: 8.26 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Instrument :

BNA_F

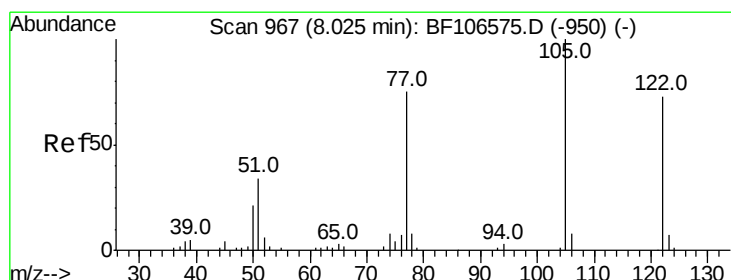
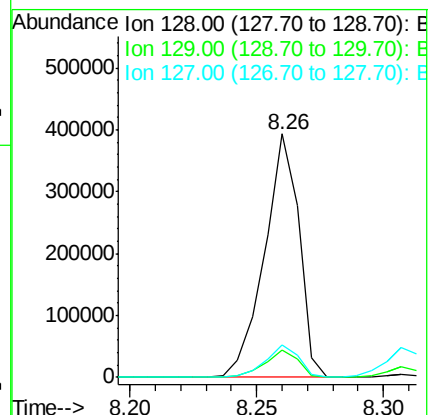
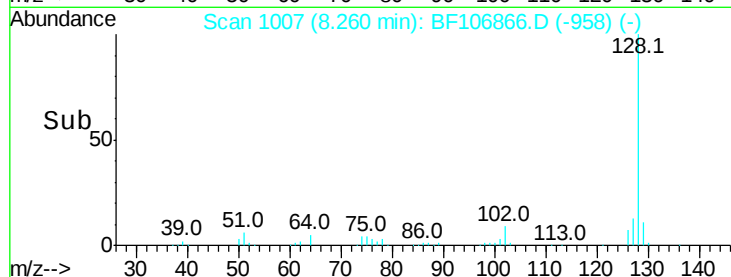
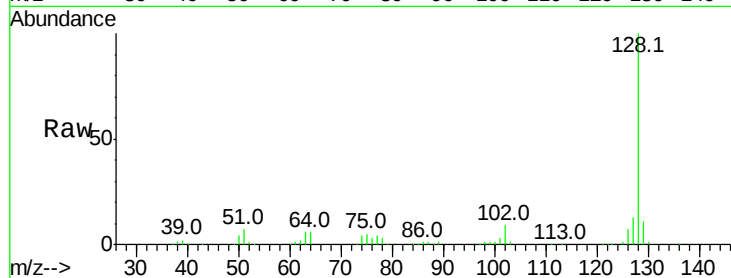
ClientSampleId :

PB110533BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.1	10.9	16.3

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#32

Benzoic acid

Concen: 38.774 ng

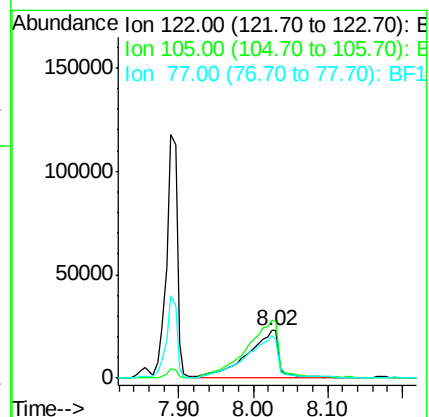
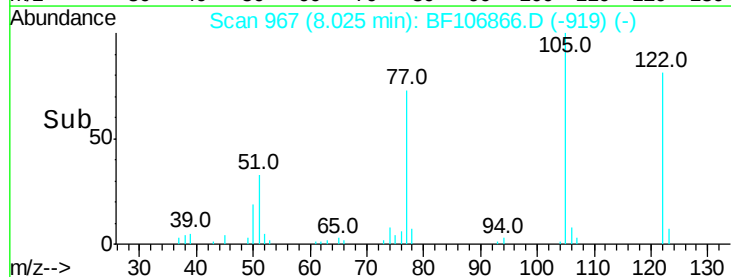
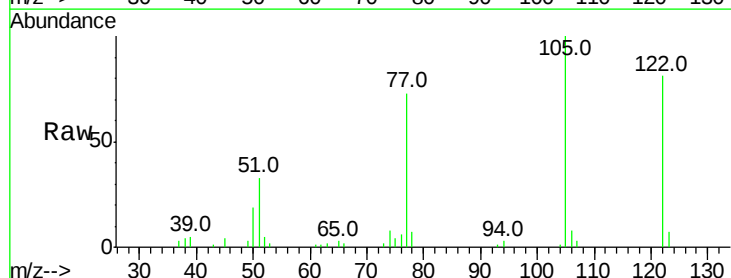
RT: 8.02 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.4	101.1	141.1
77	90.1	70.7	110.7





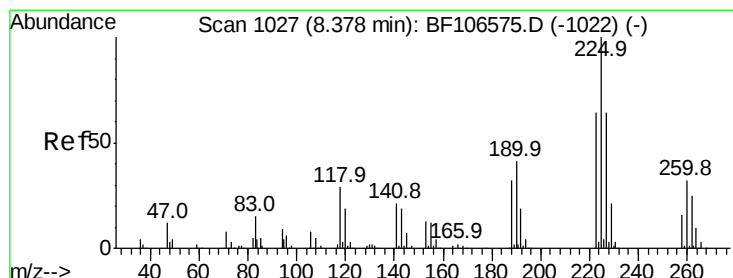
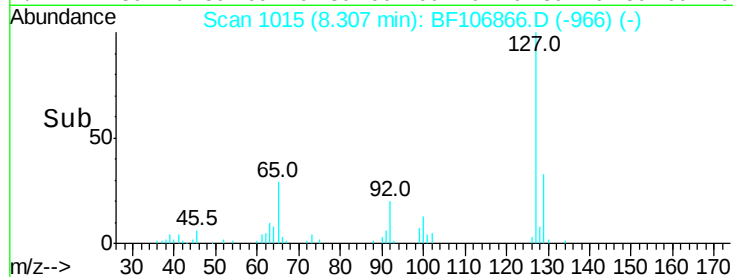
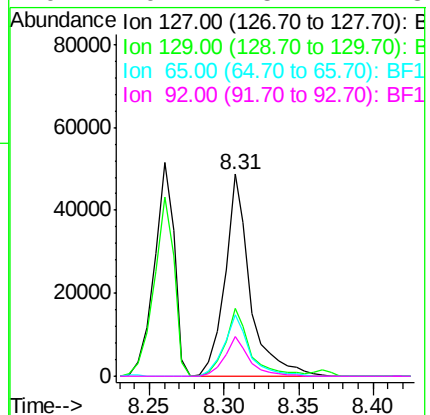
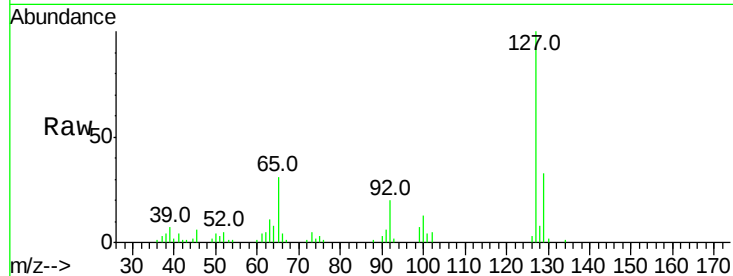
#33
4-Chloroaniline
Concen: 16.160 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.9	38.9
65	30.6	25.0	37.4
92	19.7	15.2	22.8

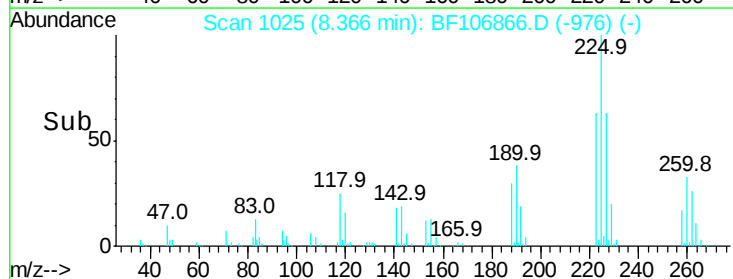
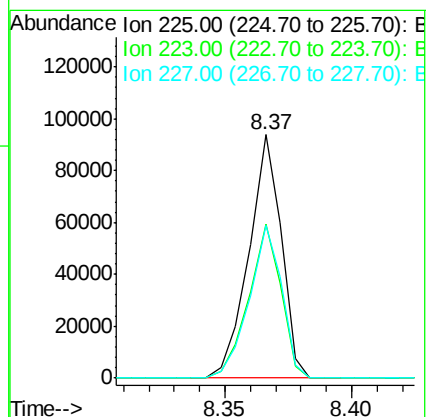
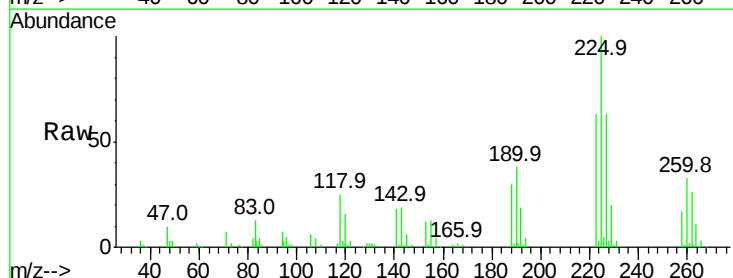
Manual Integrations
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#34
Hexachlorobutadiene
Concen: 45.223 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	62.7	51.9	77.9





#35

Caprolactam

Concen: 48.907 ng/mL

RT: 8.69 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Instrument :

BNA_F

ClientSampleID :

PB110533BS

Tot Ion:113 Resp: 41170

Ion Ratio Lower Upper

113 100

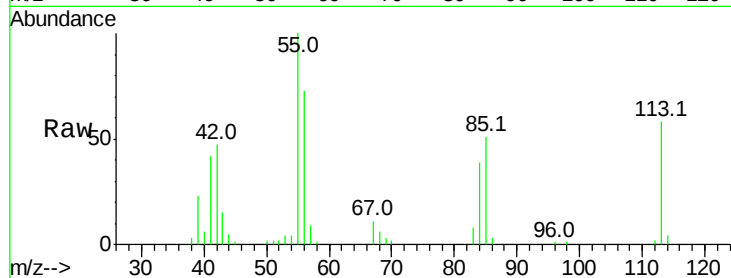
55 172.1 163.3 203.3

56 125.2 115.7 155.7

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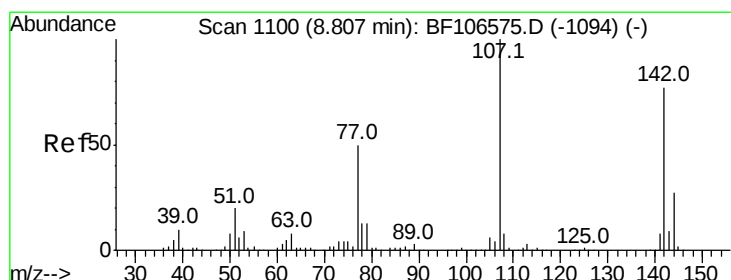
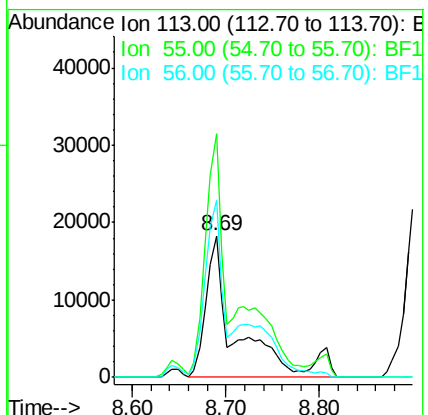
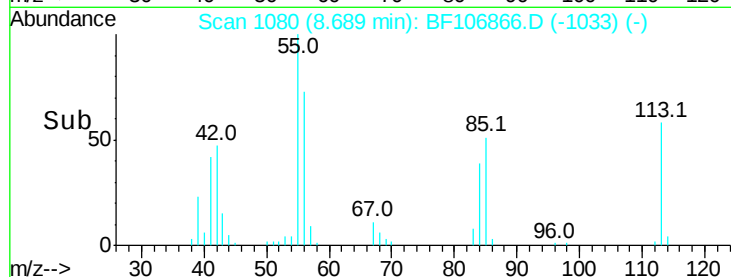
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 45.891 ng/mL

RT: 8.81 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

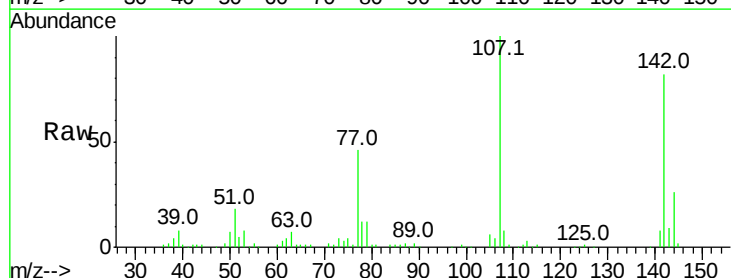
Tgt Ion:107 Resp: 124741

Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

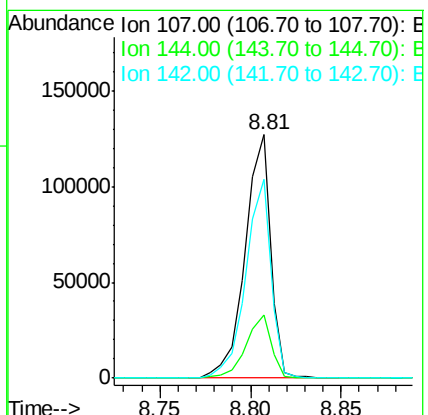
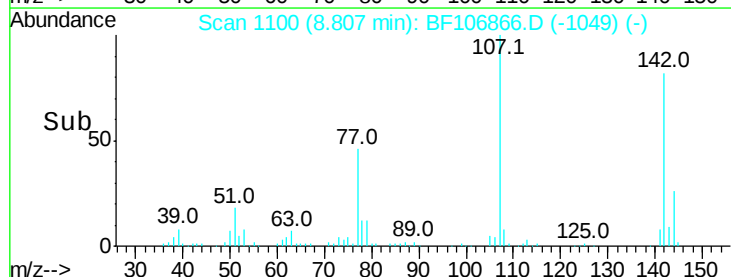
142 81.6 62.0 93.0



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





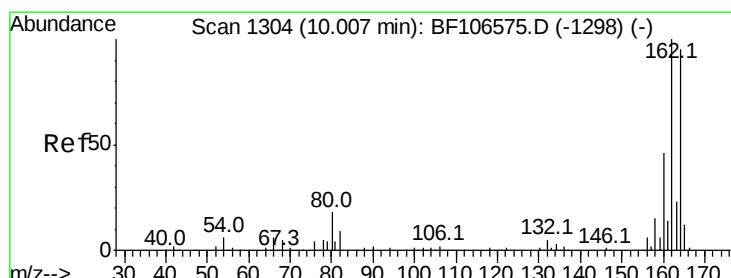
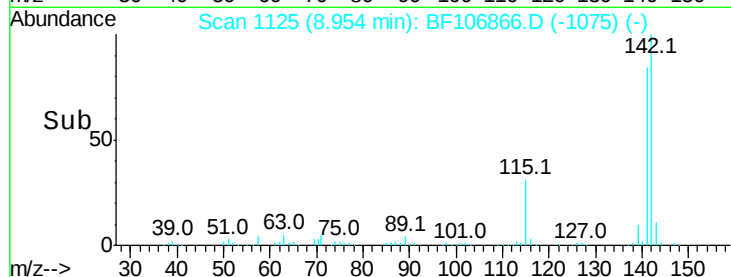
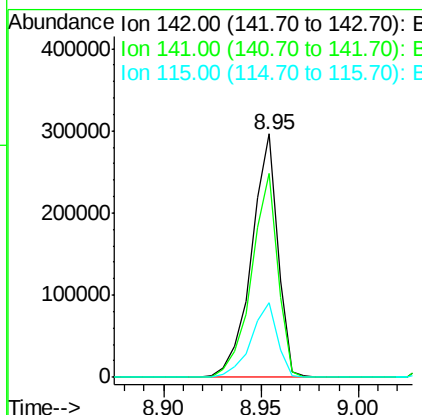
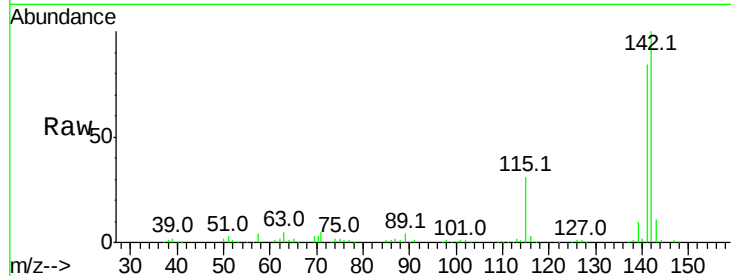
#37
2-Methylnaphthalene
Concen: 48.648 ng
RT: 8.95 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.6	70.8	106.2
115	30.9	26.1	39.1

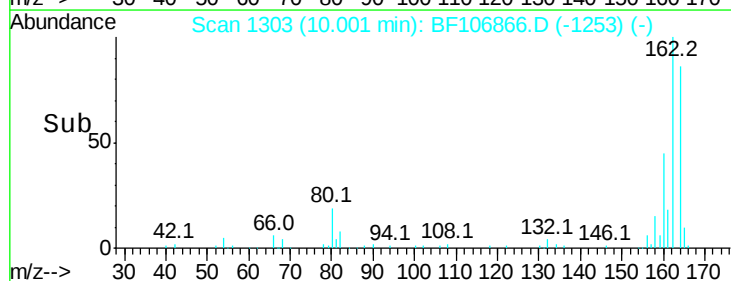
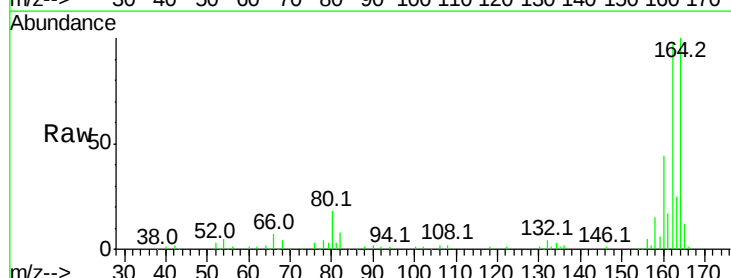
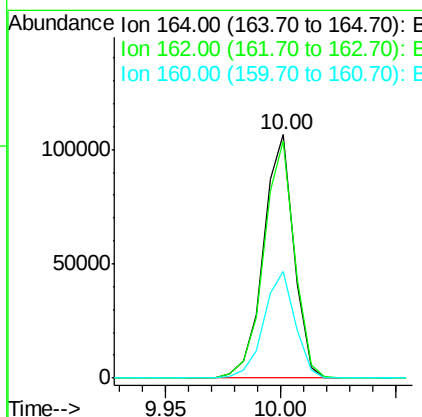
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.2	86.1	129.1
160	43.6	38.3	57.5





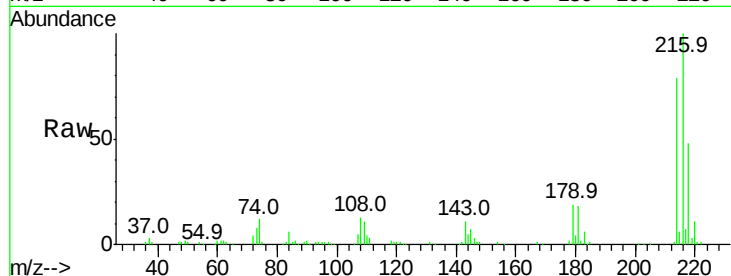
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.253 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF106866.D
 Acq: 27 Jun 2018 12:46

Instrument :
 BNA_F
 ClientSampleId :
 PB110533BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.6	63.0	94.4
179	19.1	18.1	27.1
108	15.6	17.2	25.8

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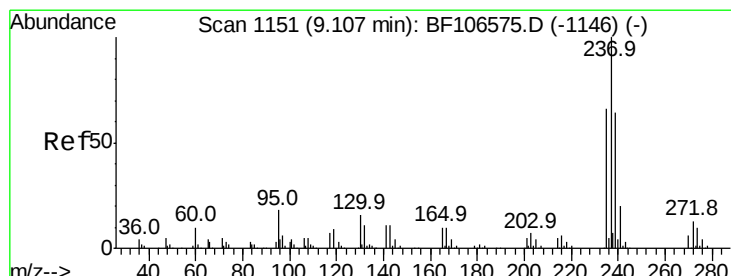
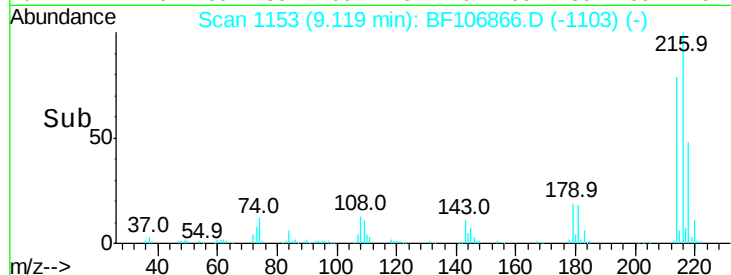
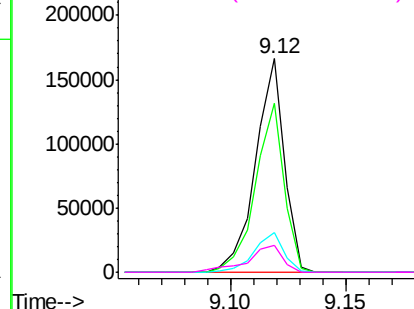
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

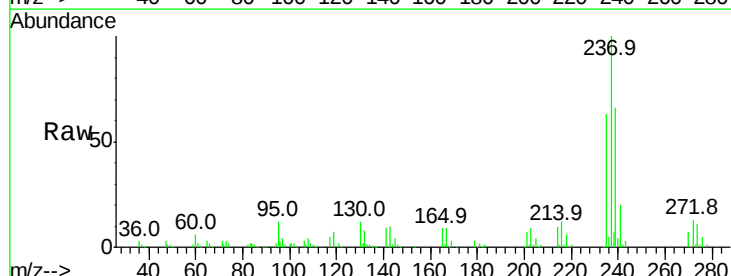
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 68.482 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF106866.D
 Acq: 27 Jun 2018 12:46

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

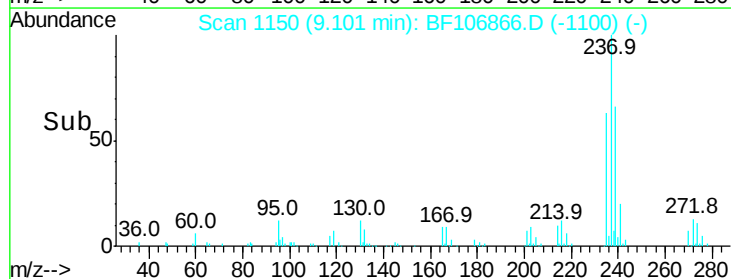
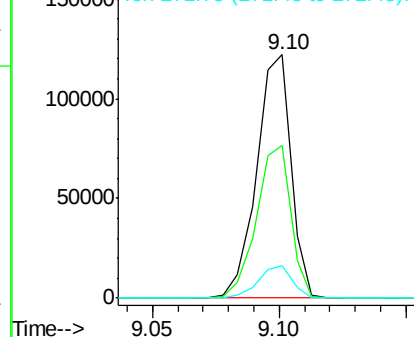


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 138.918 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Instrument :

BNA_F

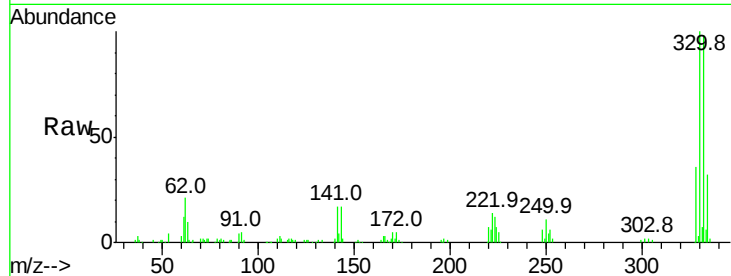
ClientSampleId :

PB110533BS

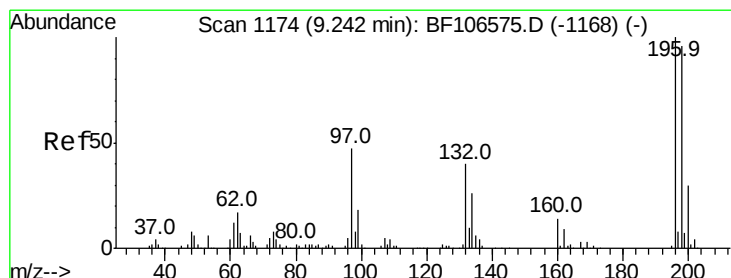
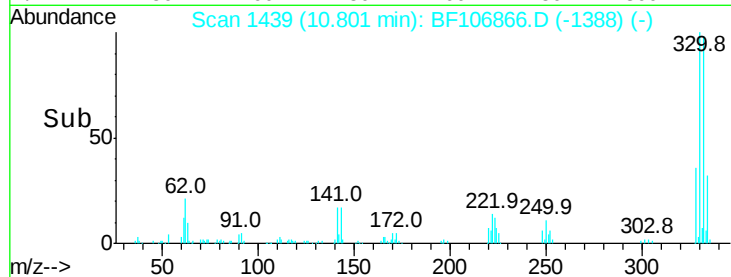
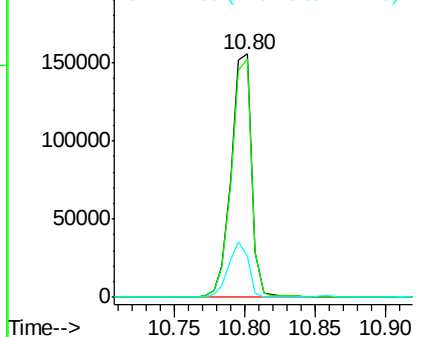
Tot Ion:	330	Resp:	157168
Ion Ratio	Lower	Upper	
330	100		
332	97.7	77.0	115.6
141	22.4	29.9	44.9#

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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: 40.397 ng

RT: 9.24 min Scan# 1173

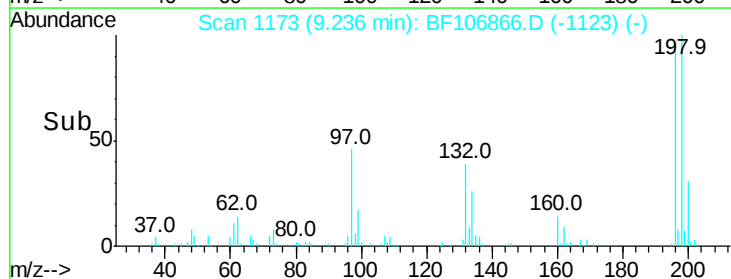
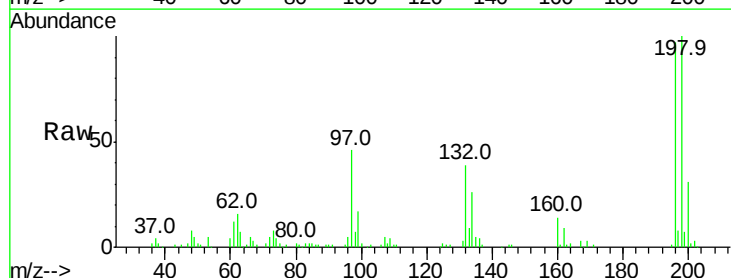
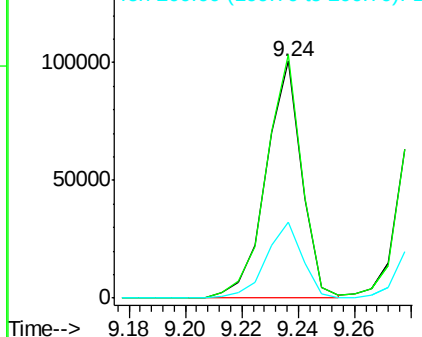
Delta R.T. -0.01 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Tgt Ion:	196	Resp:	88273
Ion Ratio	Lower	Upper	
196	100		
198	102.7	75.7	113.5
200	32.2	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





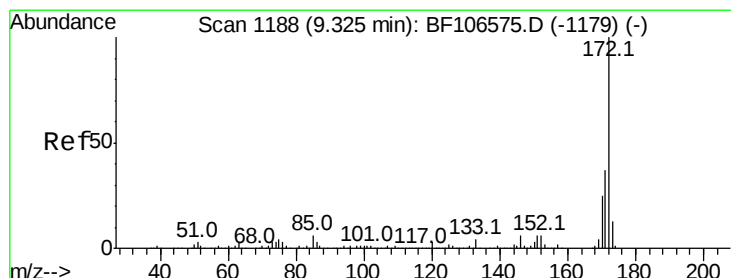
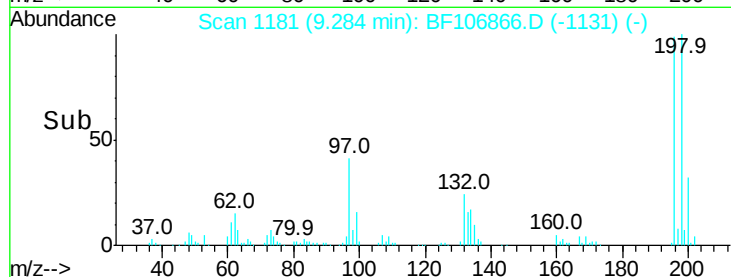
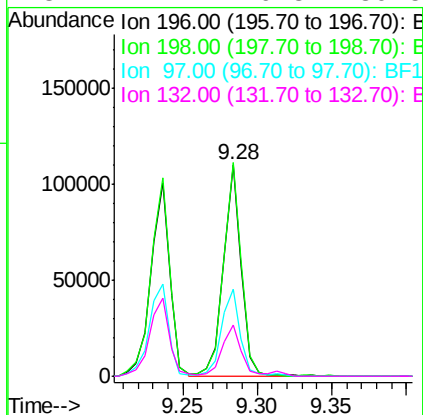
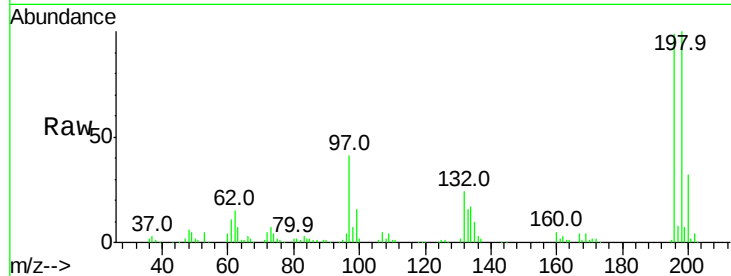
#43
 2,4,5-Trichlorophenol
 Concen: 41.346 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF106866.D
 Acq: 27 Jun 2018 12:46

Instrument :
 BNA_F
 ClientSampleId :
 PB110533BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	100.8	74.6	112.0	
97	40.9	42.9	64.3	
132	24.4	26.3	39.5	

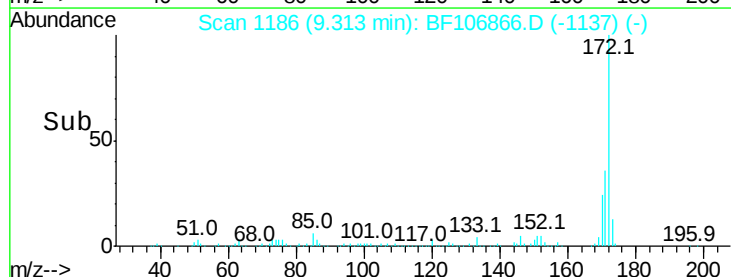
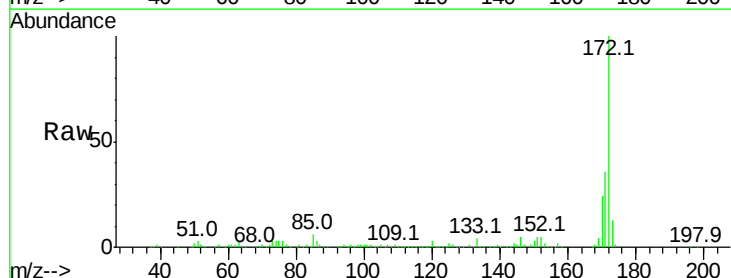
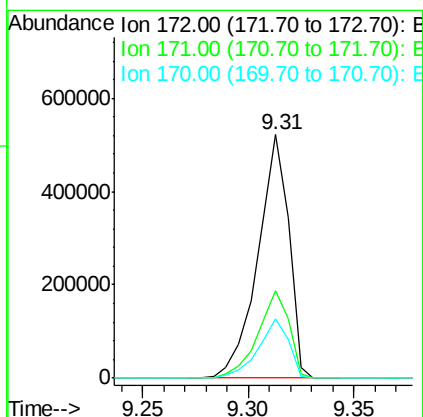
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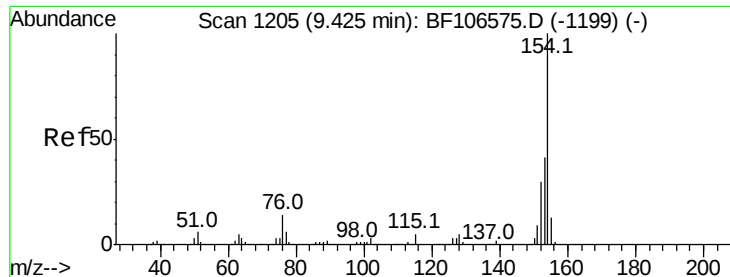
Sohil
 6/28/2018 2:21:29 PM



#44
 2-Fluorobiphenyl
 Concen: 93.336 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106866.D
 Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0	29.7	44.5	
170	24.3	19.6	29.4	





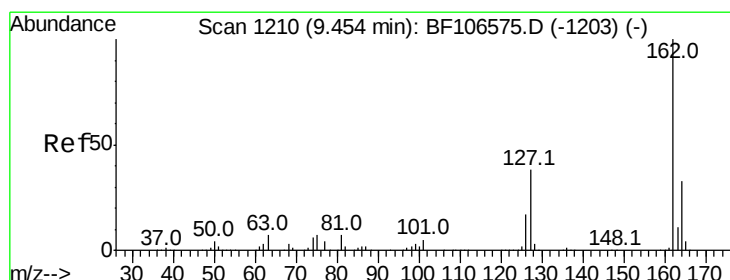
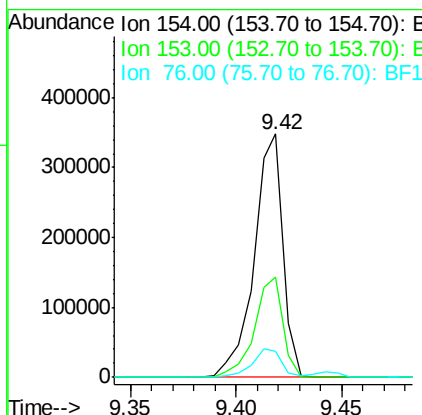
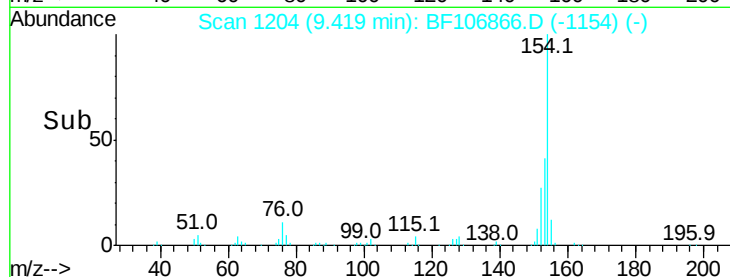
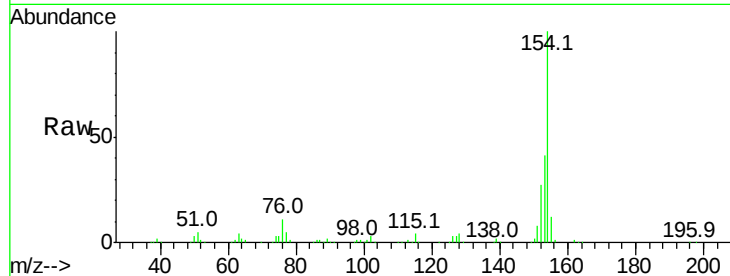
#45
 1,1'-Biphenyl
 Concen: 42.531 ng
 RT: 9.42 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF106866.D
 Acq: 27 Jun 2018 12:46

Instrument :
 BNA_F
 ClientSampleId :
 PB110533BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.2	21.3	61.3	
76	10.6	0.0	34.0	

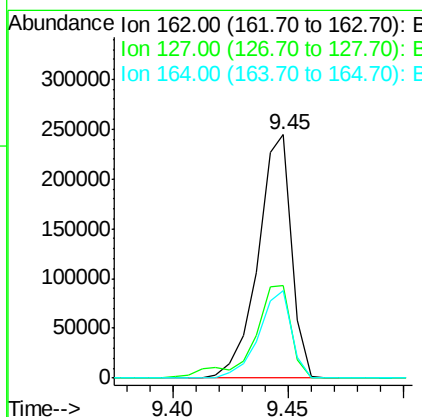
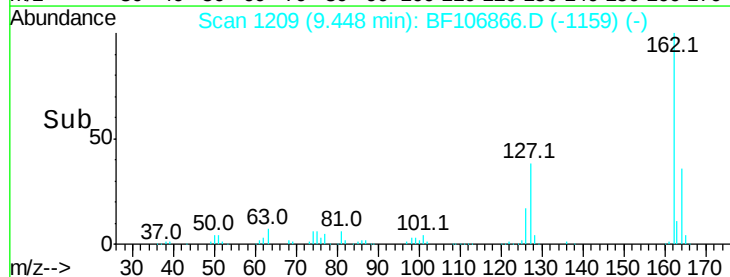
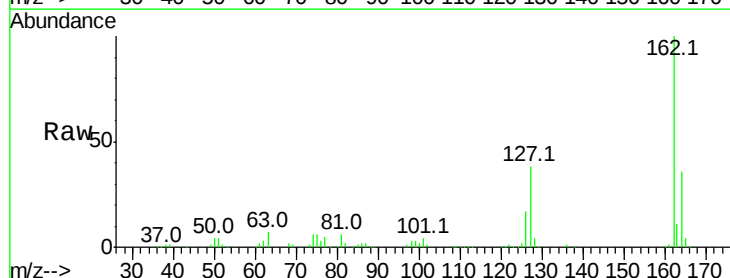
Manual Integrations
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#46
 2-Chloronaphthalene
 Concen: 40.198 ng
 RT: 9.45 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF106866.D
 Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.8	33.9	50.9	
164	35.7	26.5	39.7	





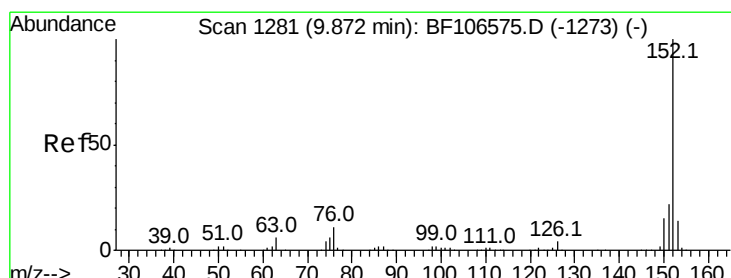
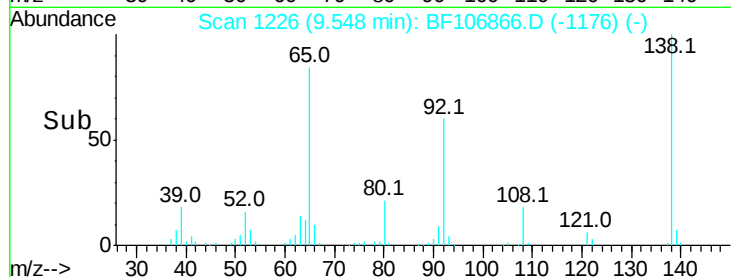
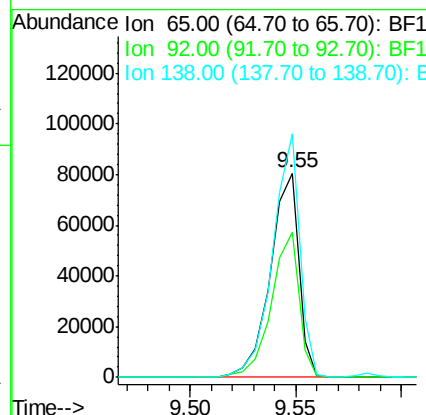
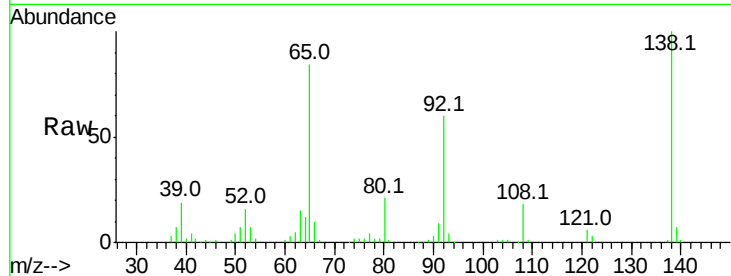
#47
2-Nitroaniline
Concen: 36.978 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.3	55.8	83.6
138	119.2	91.2	136.8

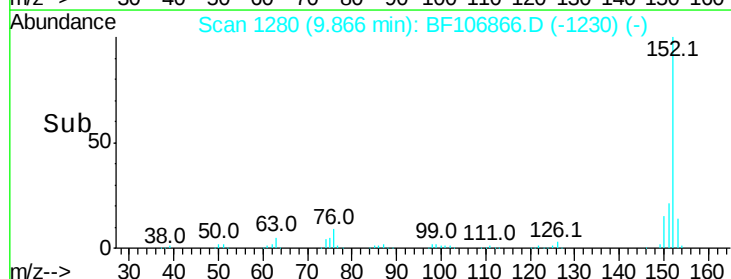
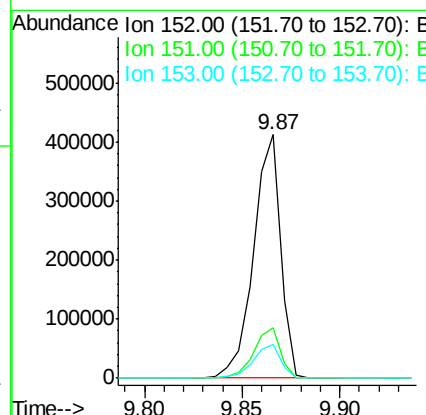
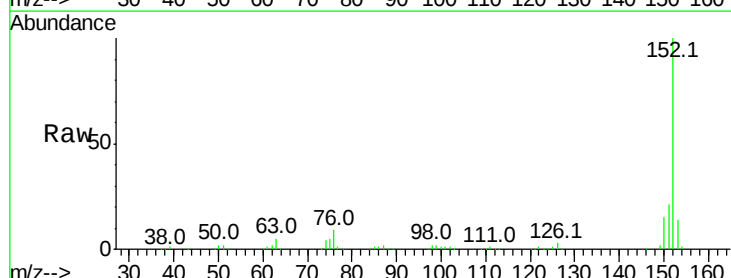
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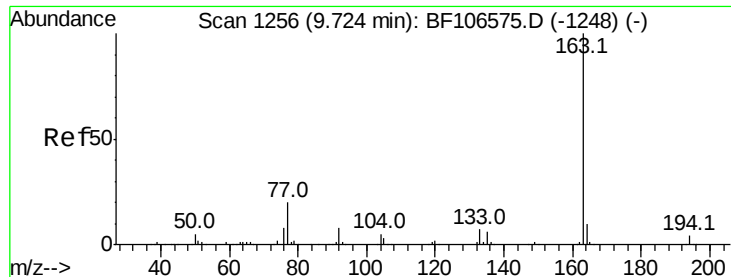
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#48
Acenaphthylene
Concen: 41.027 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	14.1	10.7	16.1





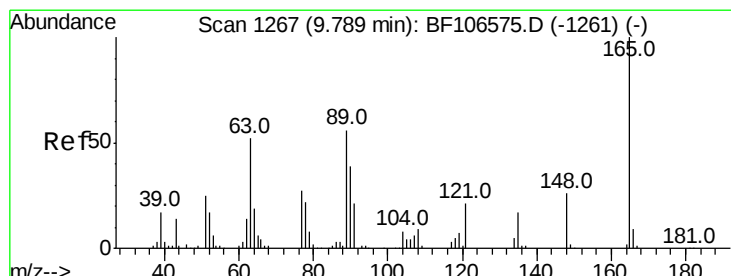
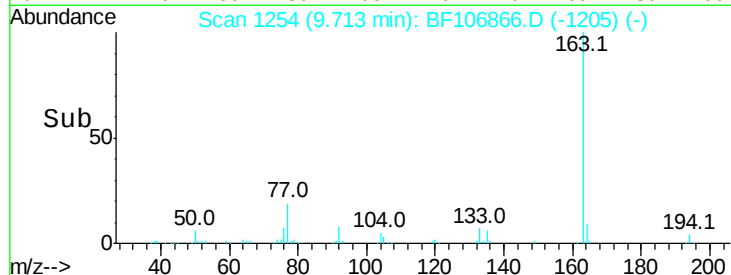
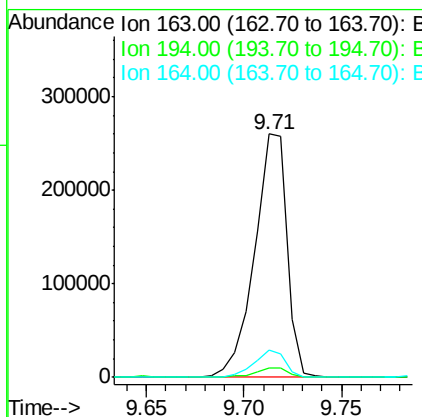
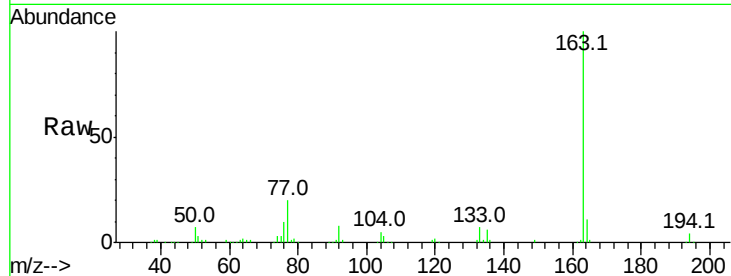
#49
Dimethylphthalate
Concen: 40.888 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	299349		
194	4.0		2.7	4.1
164	11.2		8.2	12.2

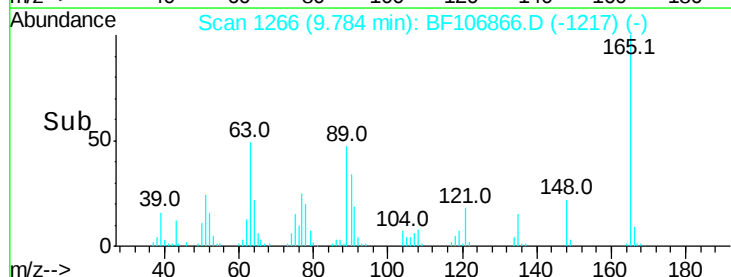
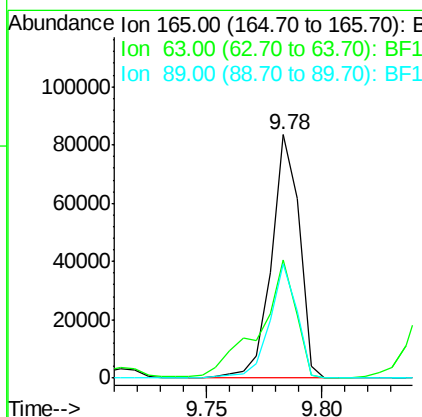
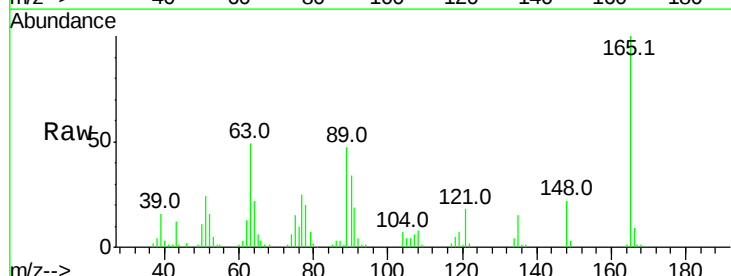
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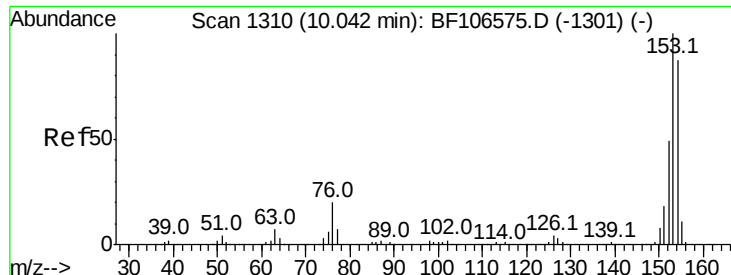
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#50
2,6-Dinitrotoluene
Concen: 45.092 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	69905		
63	48.7		44.7	67.1
89	47.1		44.0	66.0





#51

Acenaphthene

Concen: 39.094 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Instrument :

BNA_F

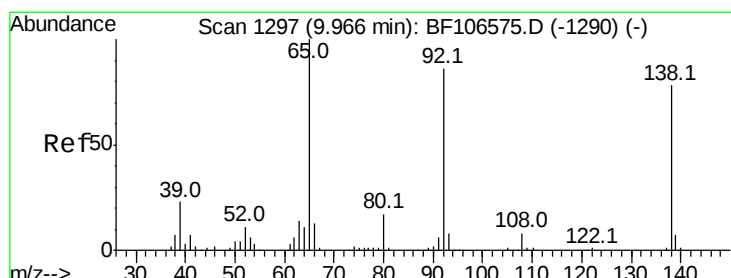
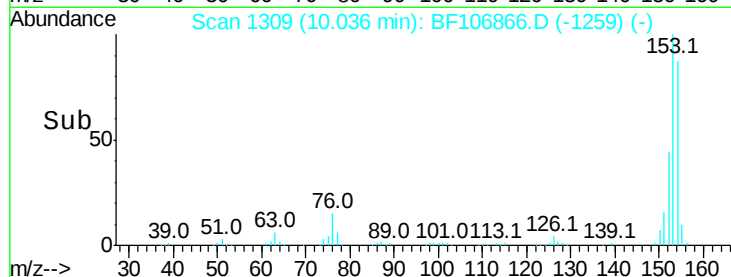
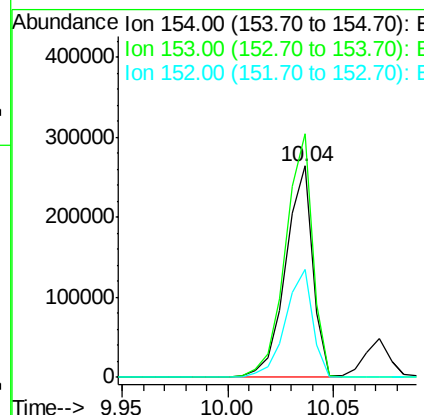
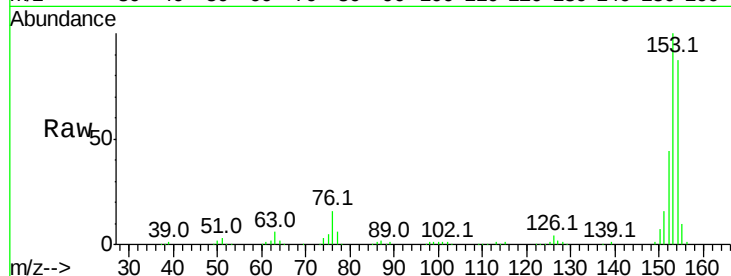
ClientSampleId :

PB110533BS

Tot Ion:	154	Resp:	238002
Ion Ratio	Lower	Upper	
154	100		
153	115.2	91.2	136.8
152	50.9	43.8	65.8

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#52

3-Nitroaniline

Concen: 21.124 ng

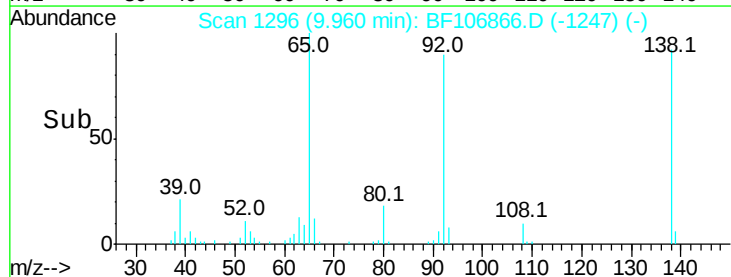
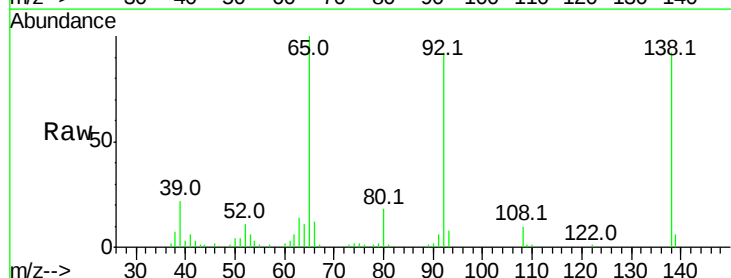
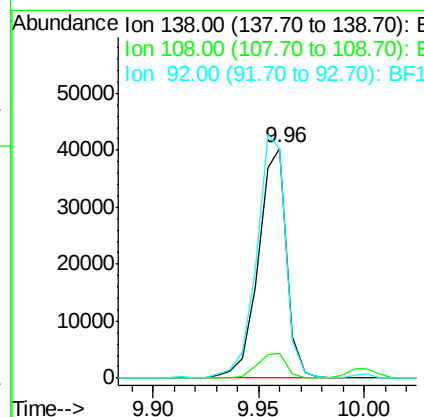
RT: 9.96 min Scan# 1296

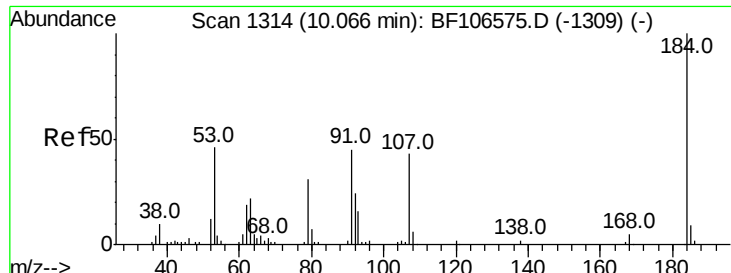
Delta R.T. -0.01 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Tgt Ion:	138	Resp:	37684
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.4	14.0
92	99.8	89.4	134.2





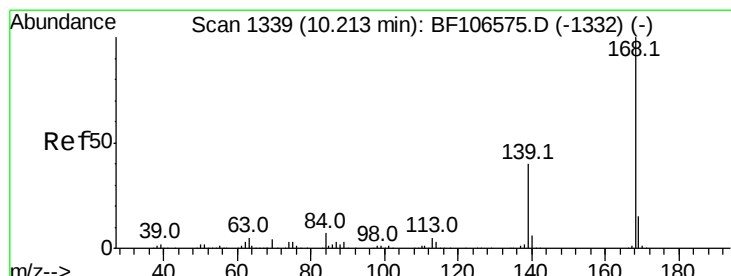
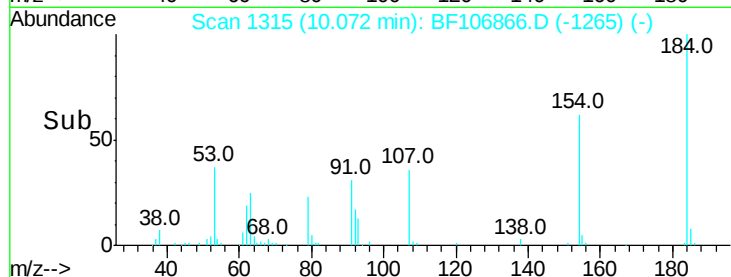
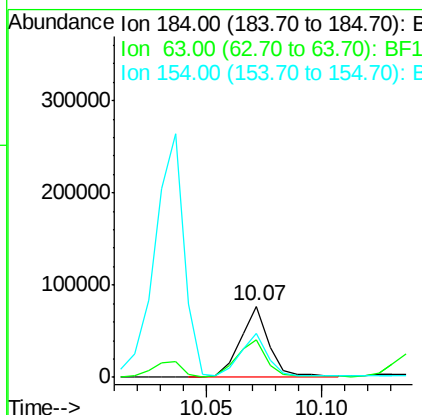
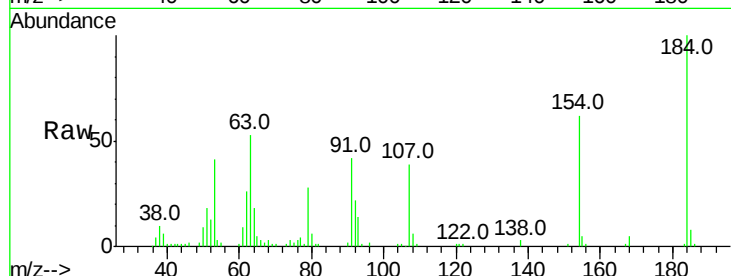
#53
 2,4-Dinitrophenol
 Concen: 84.336 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF106866.D
 Acq: 27 Jun 2018 12:46

Instrument :
 BNA_F
 ClientSampleId :
 PB110533BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	53.4	54.2	81.2#
154	62.0	184.0	276.0#

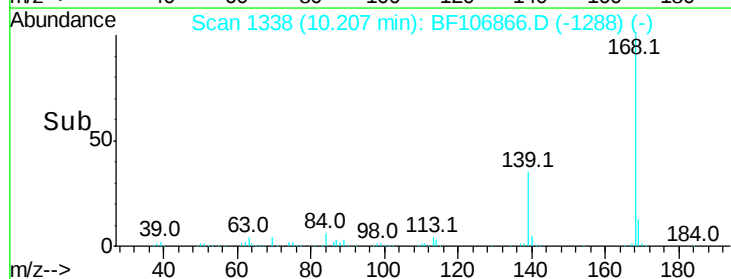
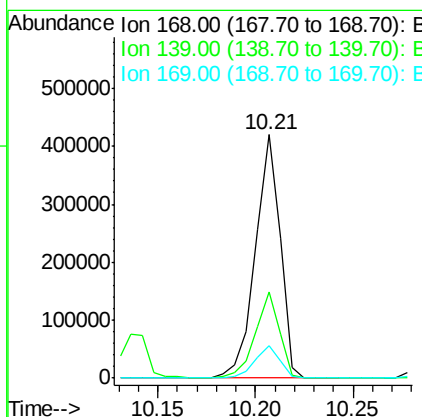
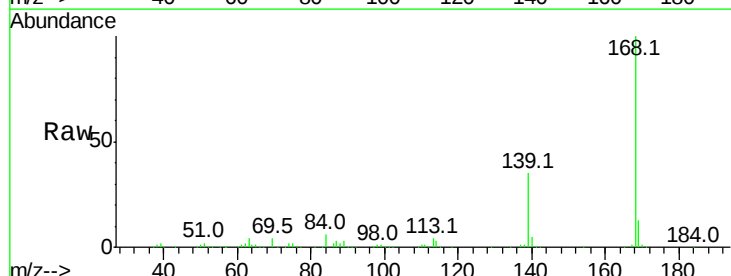
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#54
 Dibenzofuran
 Concen: 44.391 ng
 RT: 10.21 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF106866.D
 Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.4	30.1	45.1
169	13.2	10.9	16.3





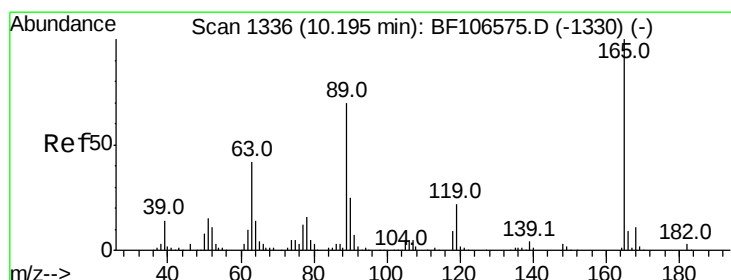
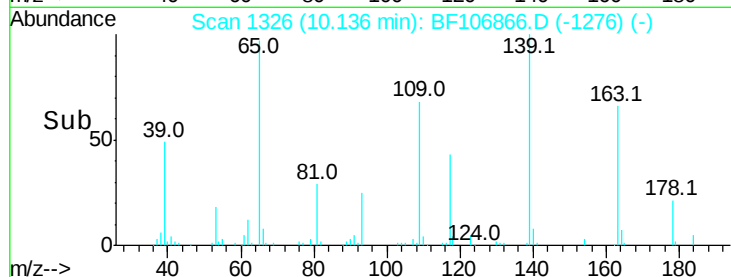
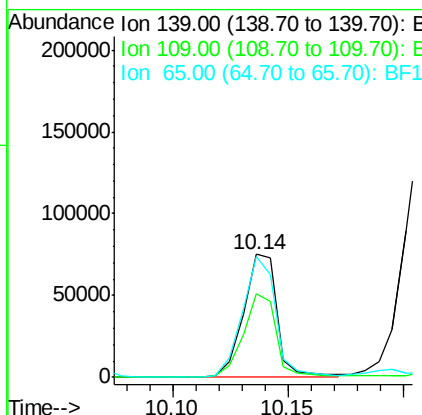
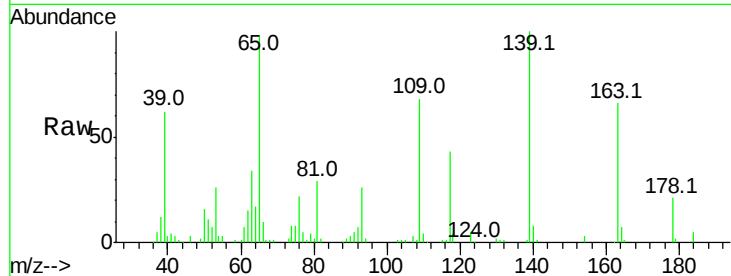
#55
4-Nitrophenol
Concen: 61.477 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Instrument :
BNA_F
ClientSampled :
PB110533BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	67.8	48.4	88.4
65	98.4	72.6	112.6

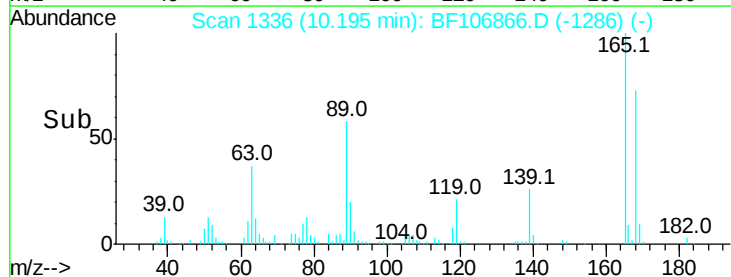
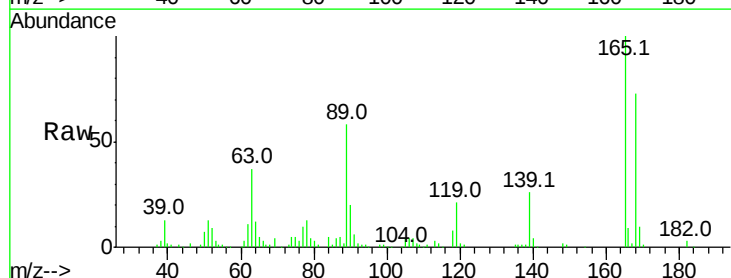
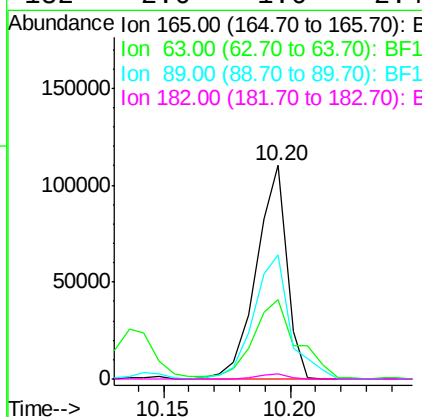
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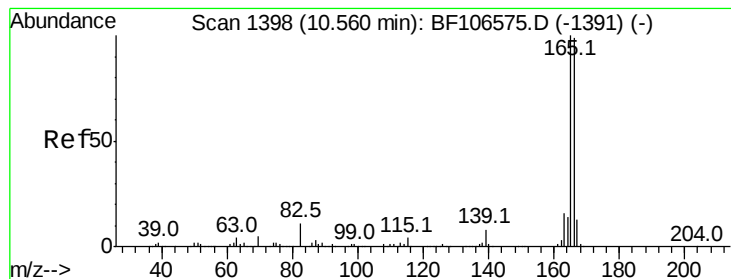
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#56
2,4-Dinitrotoluene
Concen: 45.766 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.3	36.4	54.6
89	58.0	57.8	86.6
182	2.6	1.6	2.4#





#57

Fluorene

Concen: 43.853 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Instrument :

BNA_F

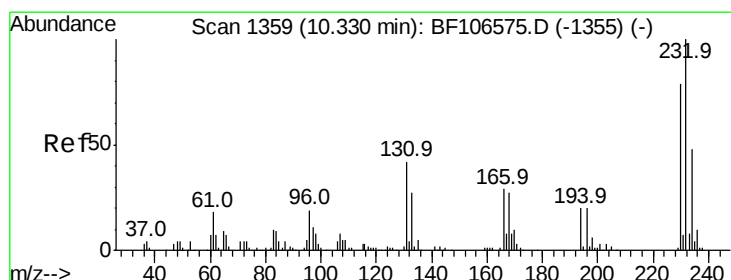
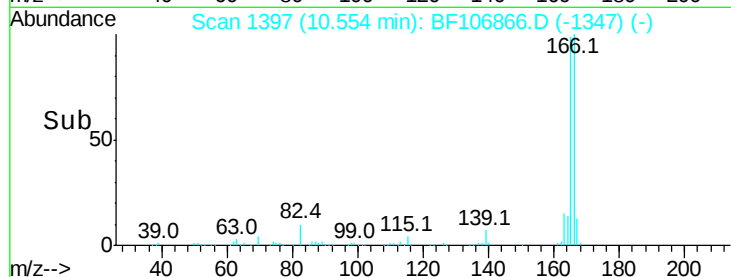
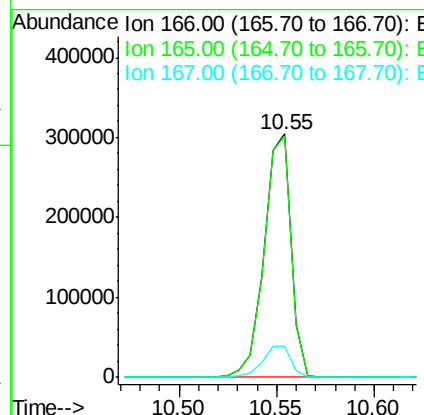
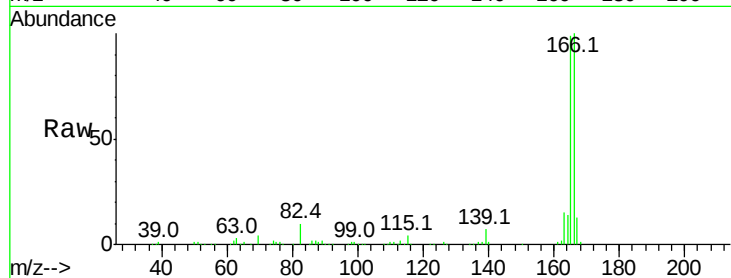
ClientSampleId :

PB110533BS

Tot Ion:	166	Resp:	290087
Ion Ratio	Lower	Upper	
166	100		
165	99.2	79.8	119.8
167	12.8	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.033 ng

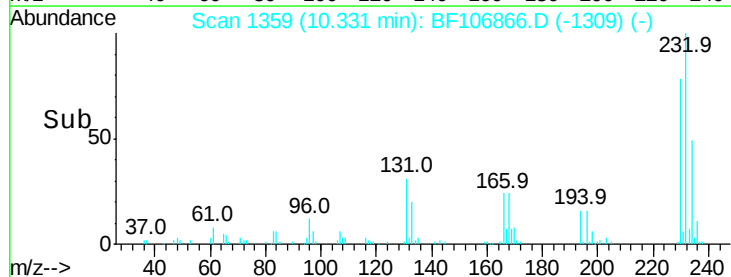
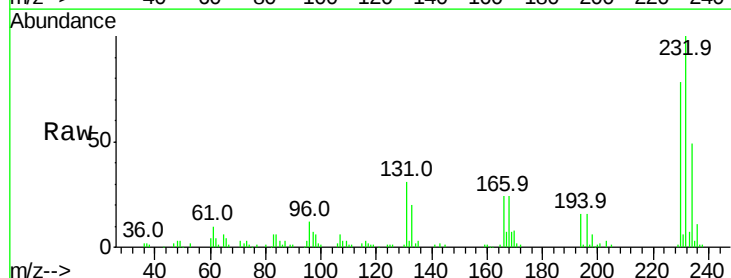
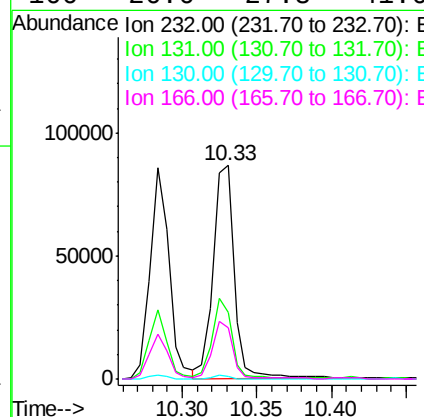
RT: 10.33 min Scan# 1359

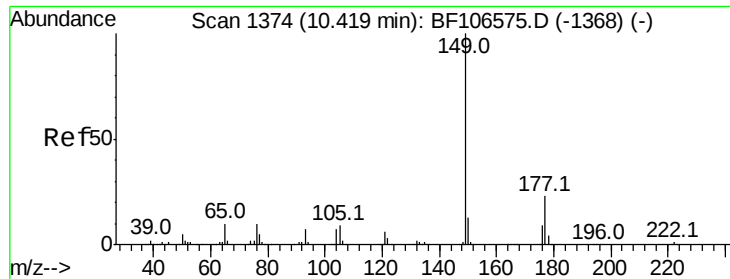
Delta R.T. -0.01 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Tgt Ion:	232	Resp:	85248
Ion Ratio	Lower	Upper	
232	100		
131	34.5	43.8	65.8#
130	1.5	2.1	3.1#
166	26.6	27.8	41.6#





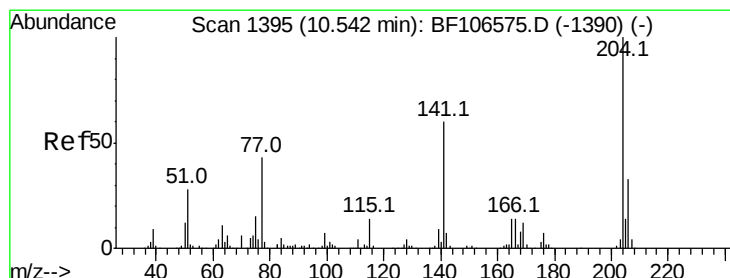
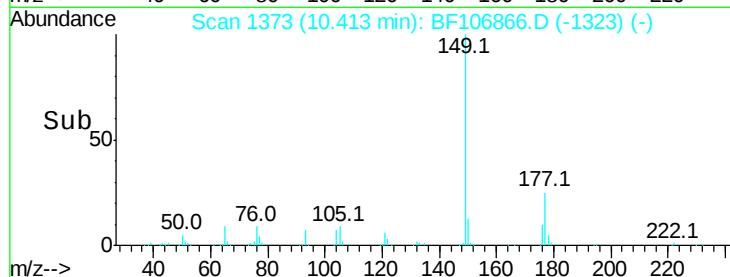
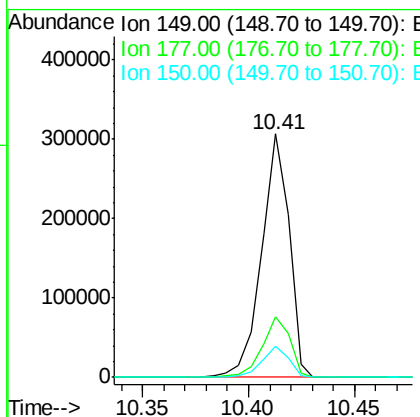
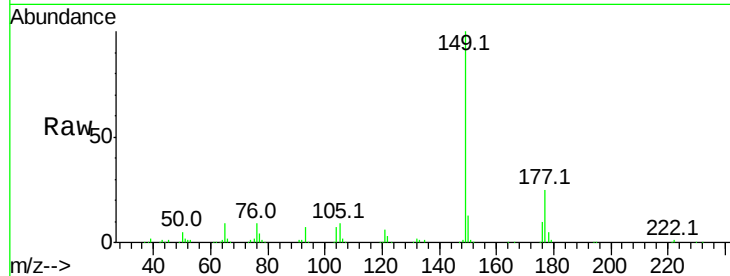
#59
Diethylphthalate
Concen: 39.462 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	278845		
177	24.8	16.1	24.1#	
150	12.7	10.1	15.1	

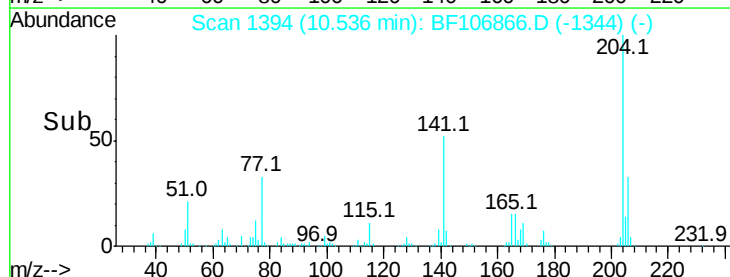
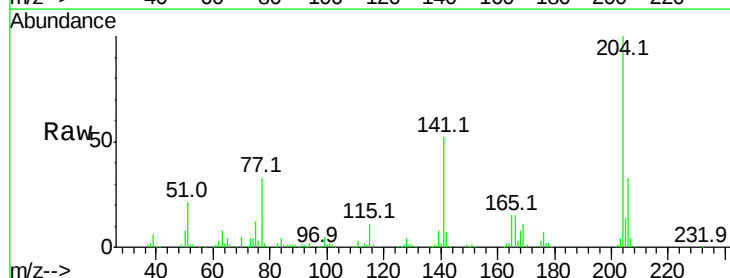
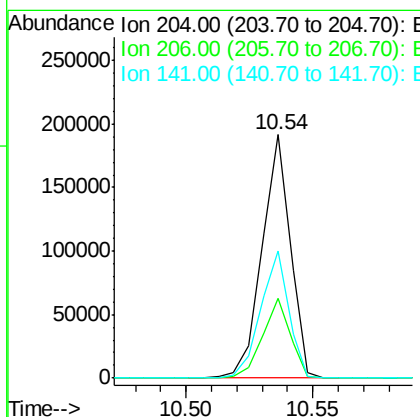
Manual Integrations
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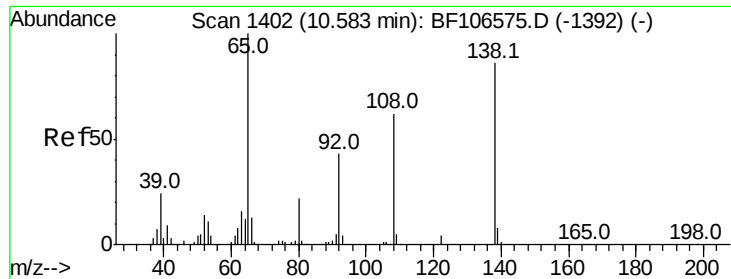
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 43.403 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	150224		
206	32.7	26.5	39.7	
141	52.4	54.6	81.8#	





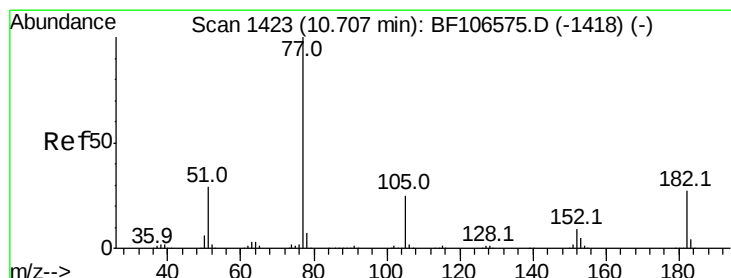
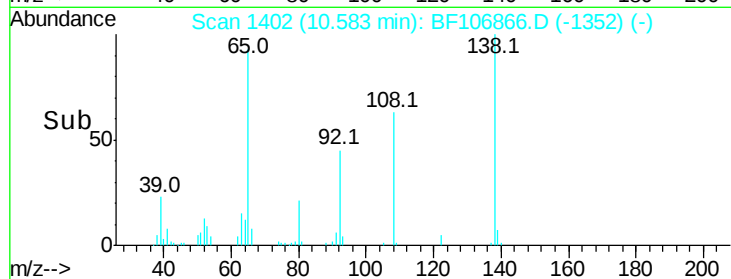
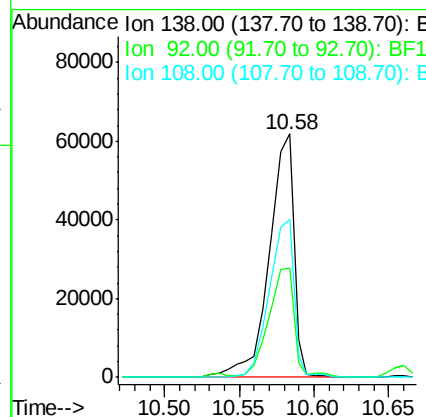
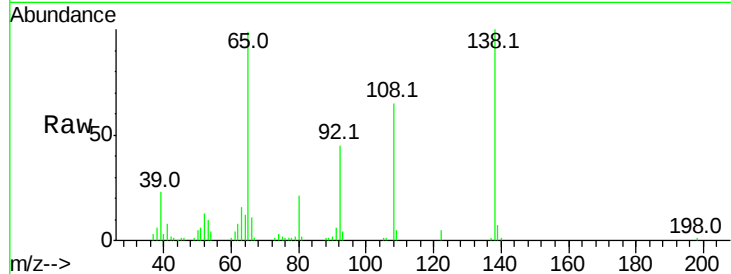
#61
4-Nitroaniline
Concen: 39.997 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.1	30.2	70.2
108	65.0	52.5	92.5

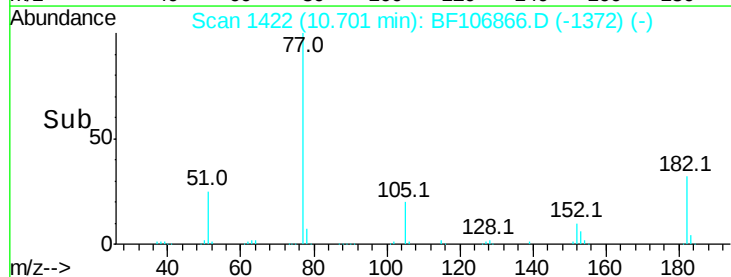
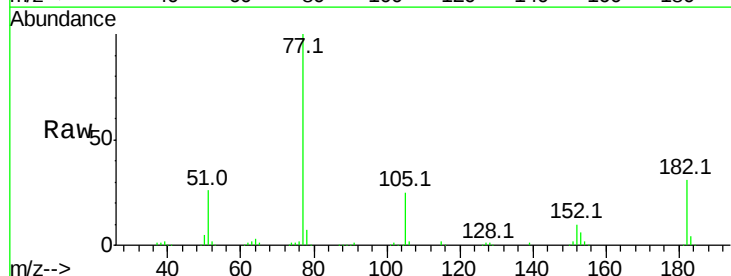
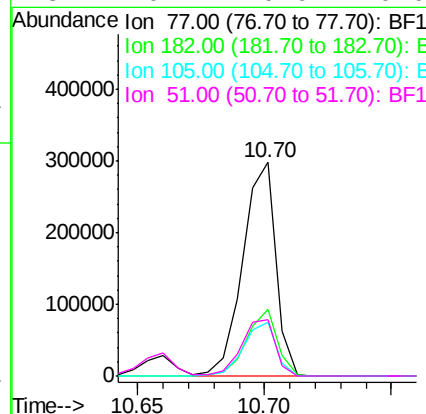
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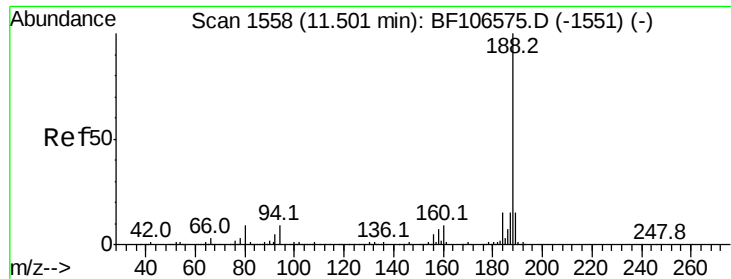
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#62
Azobenzene
Concen: 38.807 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.4	1.7	41.7
105	25.5	3.0	43.0
51	26.1	9.9	49.9





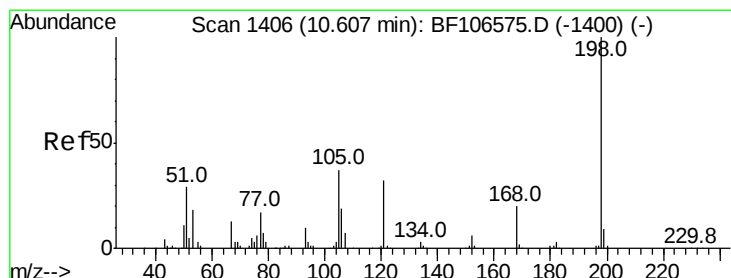
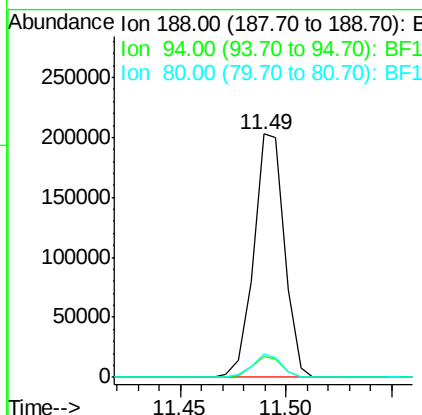
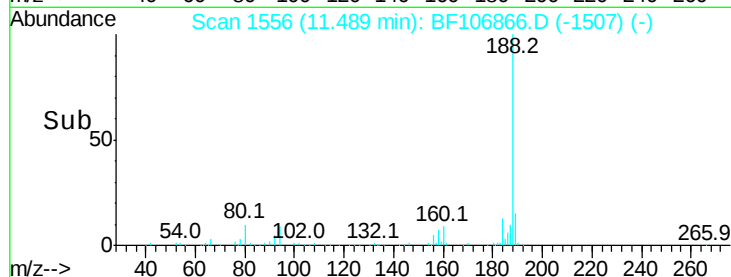
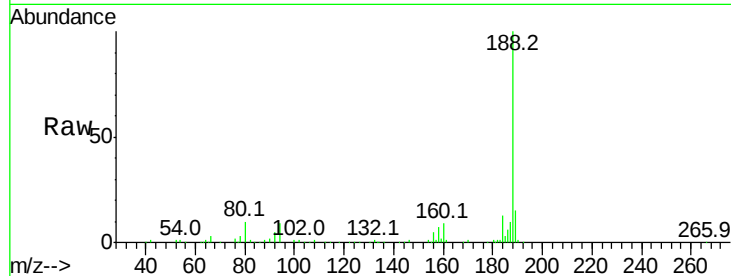
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	204981		
94	8.7		8.5	12.7
80	9.8		9.2	13.8

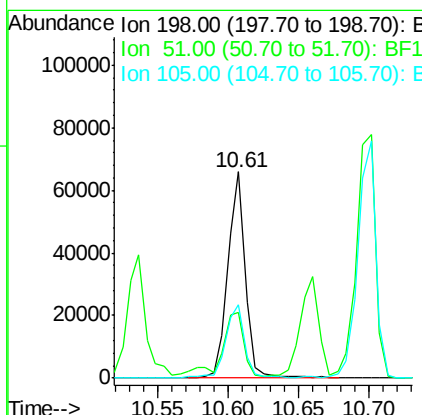
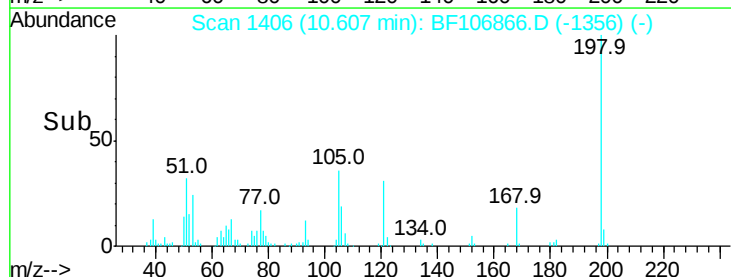
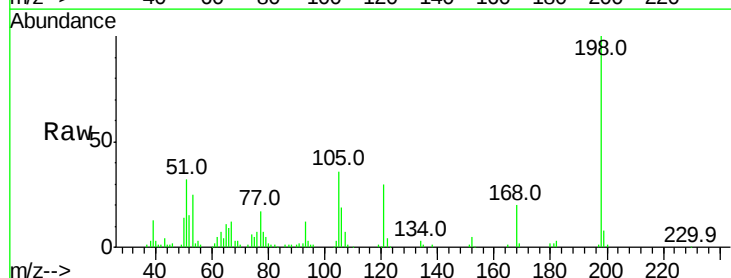
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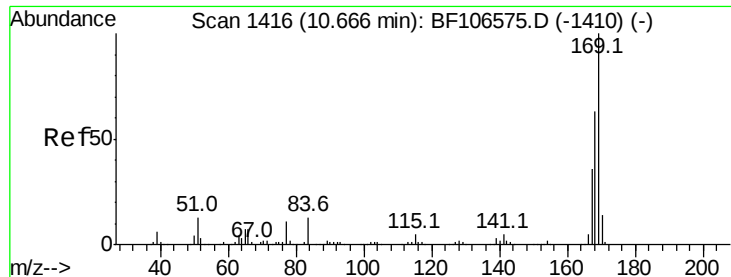
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.656 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	56583		
51	32.1		37.7	77.7#
105	35.5		36.3	76.3#





#65

n-Nitrosodiphenylamine

Concen: 37.157 ng

RT: 10.66 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Instrument :

BNA_F

ClientSampleId :

PB110533BS

Tot Ion:169 Resp: 256183

Ion Ratio Lower Upper

169 100

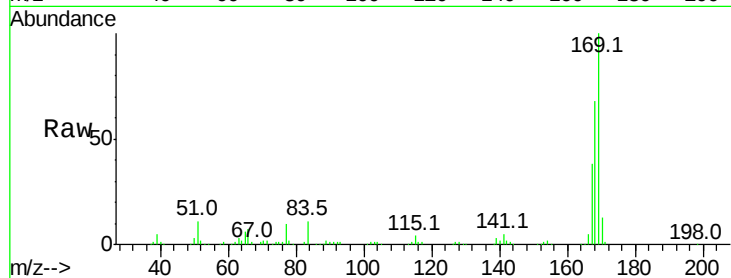
168 68.1 54.4 81.6

167 37.5 29.8 44.6

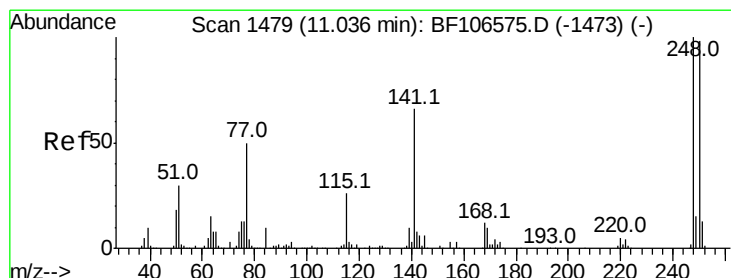
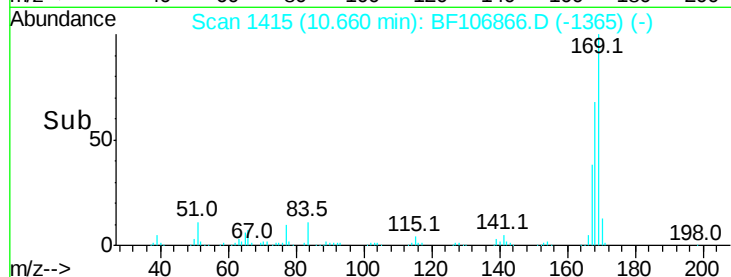
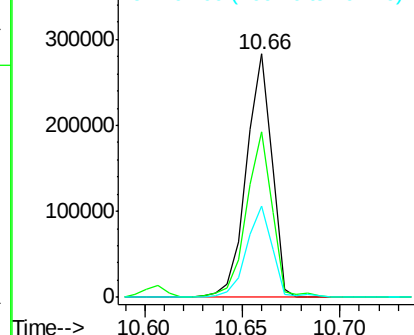
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.844 ng

RT: 11.03 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

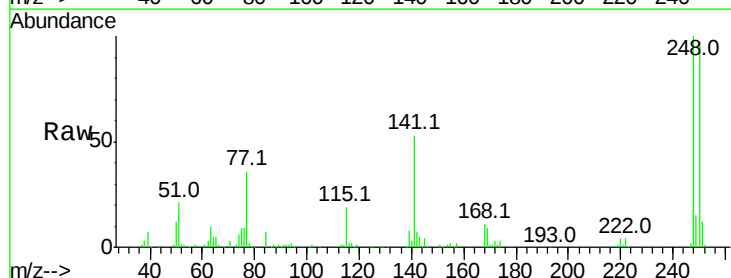
Tgt Ion:248 Resp: 104812

Ion Ratio Lower Upper

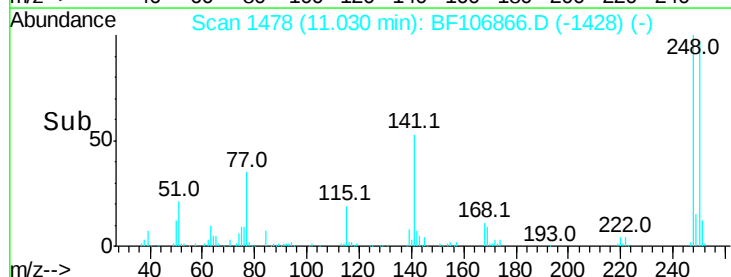
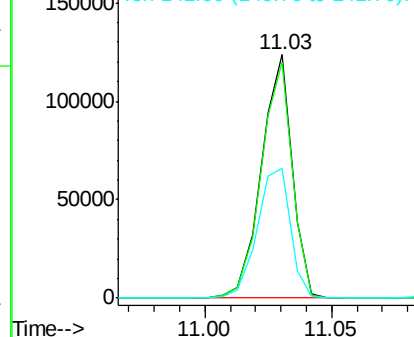
248 100

250 96.9 76.9 115.3

141 53.1 74.4 111.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.945 ng

RT: 11.10 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Instrument :

BNA_F

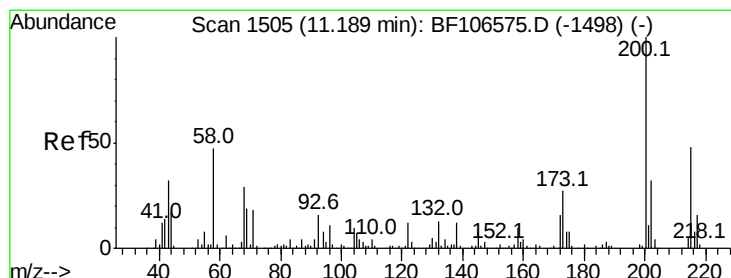
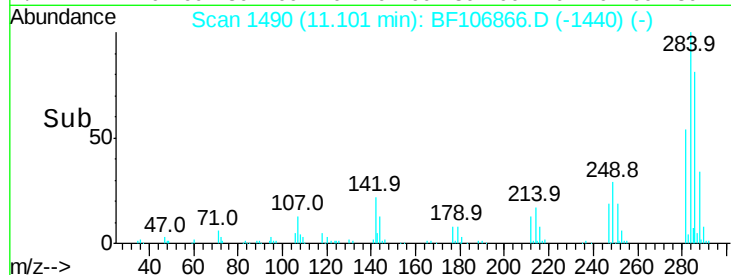
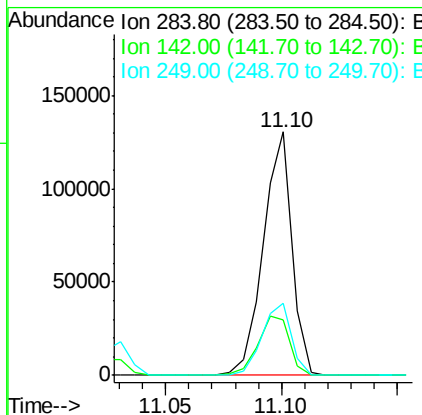
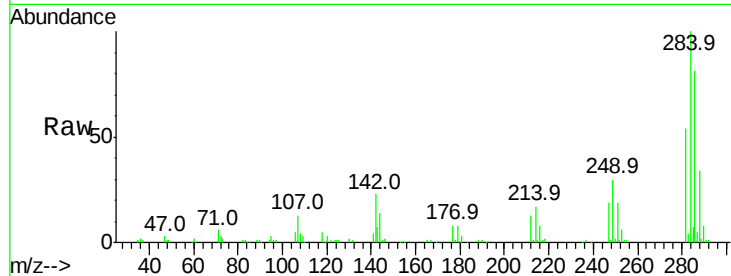
ClientSampleId :

PB110533BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	112519		
142	22.8	34.6	52.0#	
249	29.8	24.8	37.2	

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#68

Atrazine

Concen: 41.738 ng

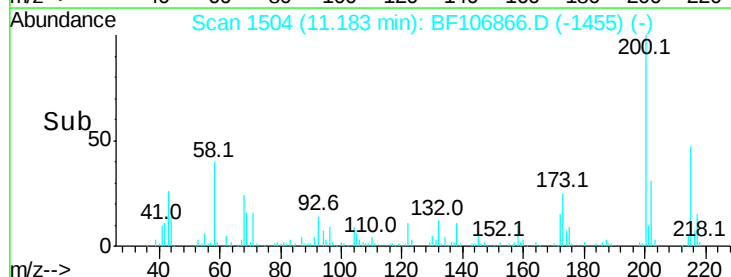
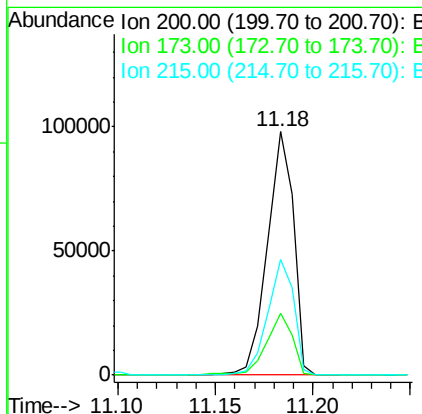
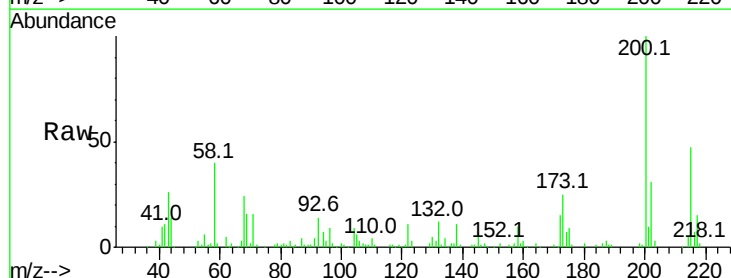
RT: 11.18 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	91482		
173	25.2	8.6	48.6	
215	47.4	25.1	65.1	





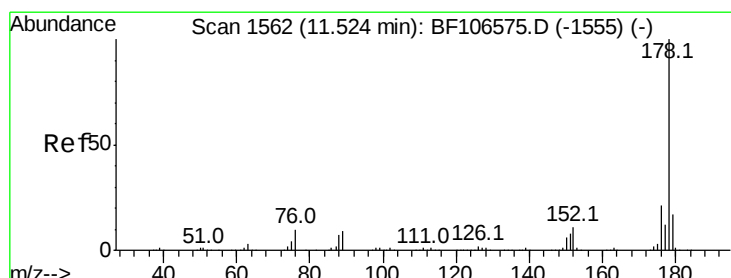
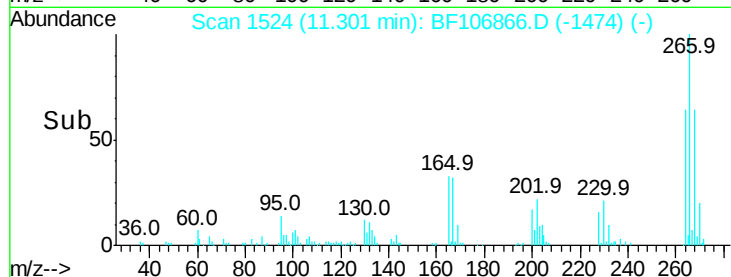
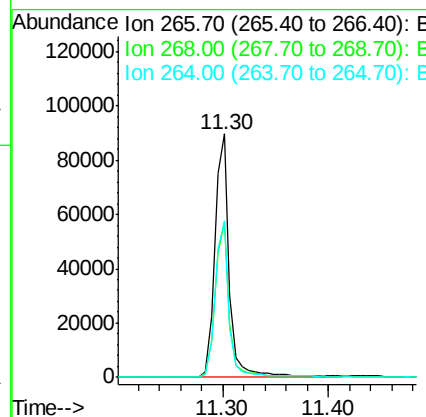
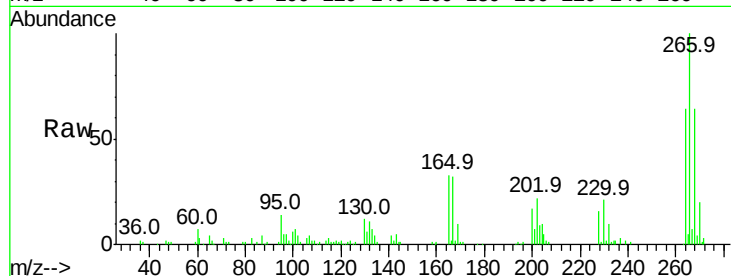
#69
 Pentachlorophenol
 Concen: 68.329 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF106866.D
 Acq: 27 Jun 2018 12:46

Instrument :
 BNA_F
 ClientSampleId :
 PB110533BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.1	76.7
264	64.3	49.5	74.3

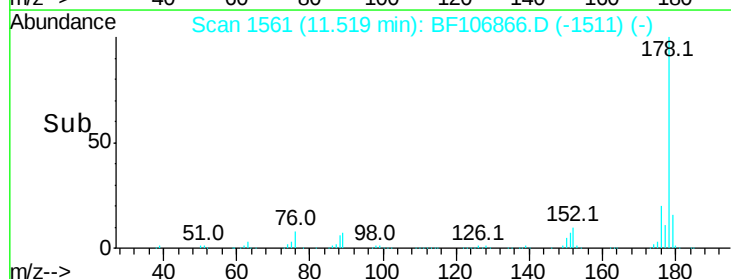
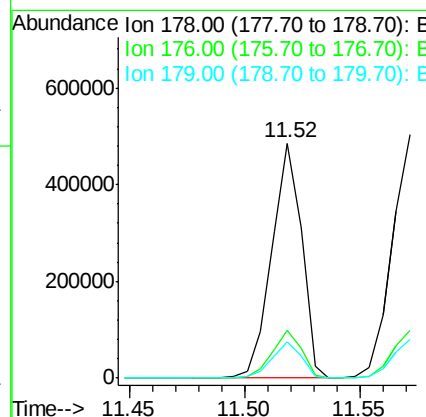
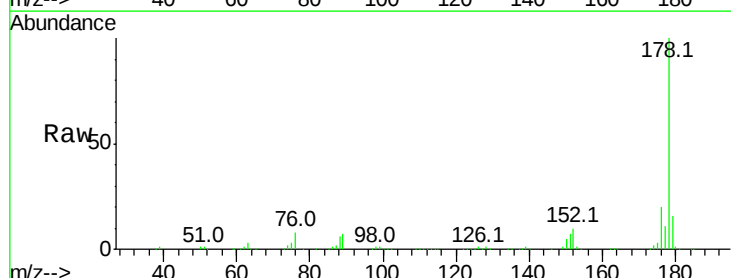
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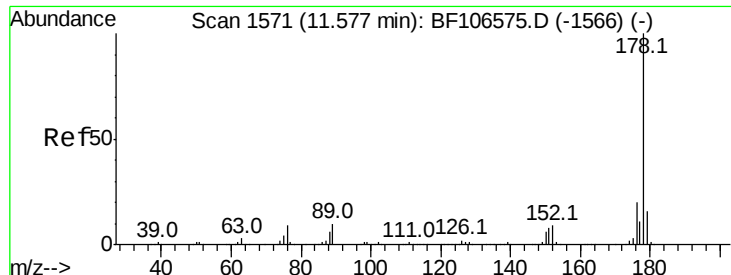
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#70
 Phenanthrene
 Concen: 44.284 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF106866.D
 Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	15.7	13.0	19.6





#71

Anthracene

Concen: 45.083 ng

RT: 11.57 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Instrument :

BNA_F

ClientSampleId :

PB110533BS

Tot Ion:178 Resp: 454947

Ion Ratio Lower Upper

178 100

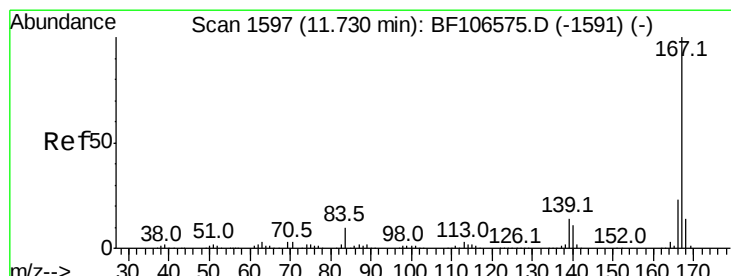
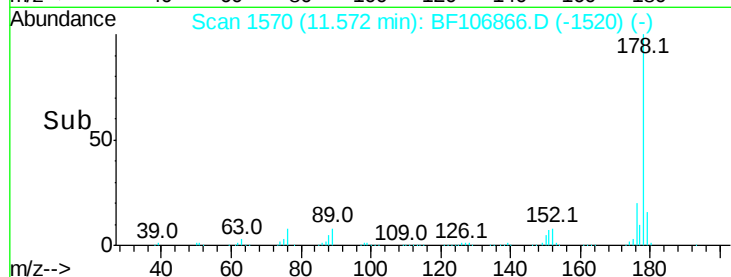
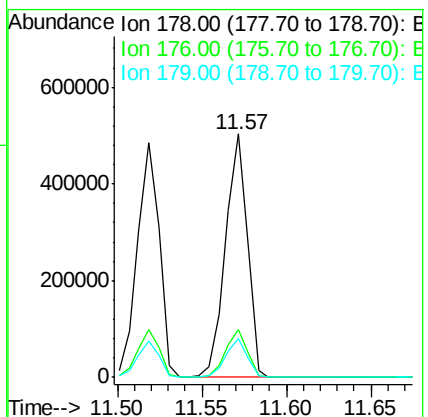
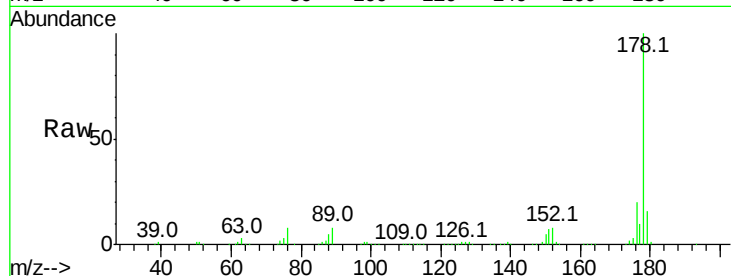
176 19.6 15.4 23.2

179 15.8 12.6 19.0

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#72

Carbazole

Concen: 42.451 ng

RT: 11.73 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

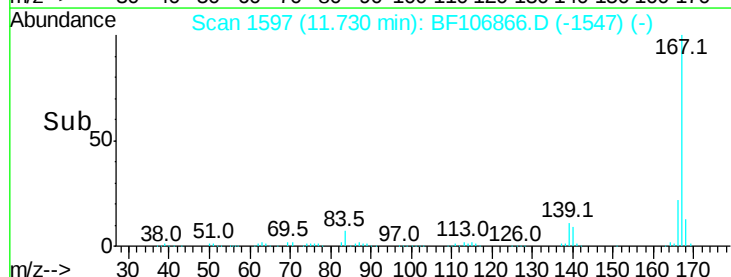
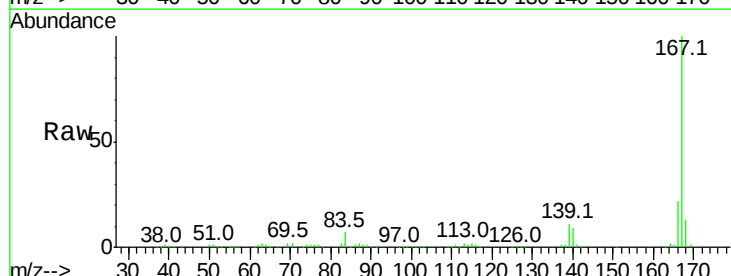
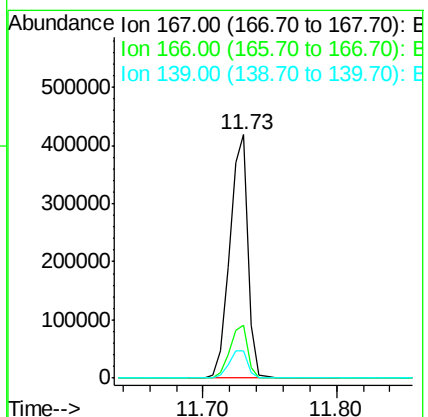
Tgt Ion:167 Resp: 401072

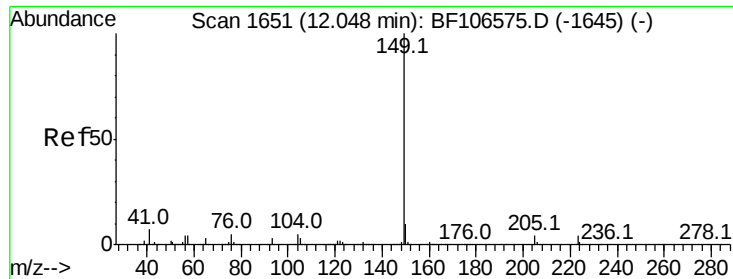
Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

139 11.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 39.990 ng

RT: 12.04 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Instrument :

BNA_F

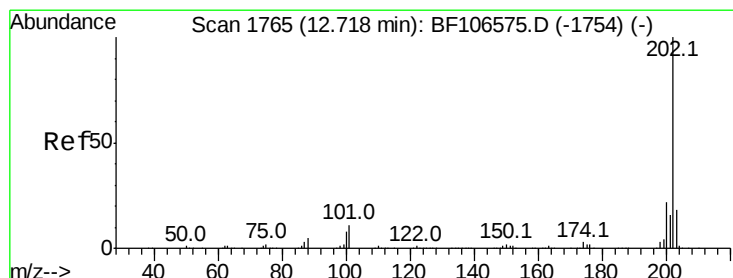
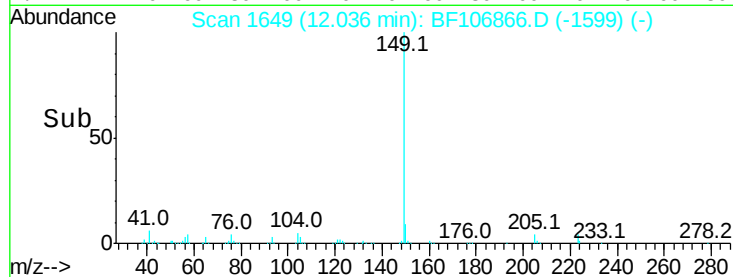
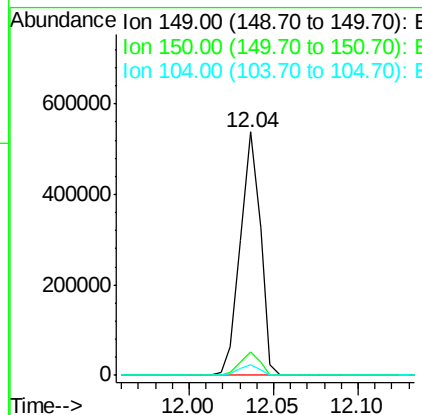
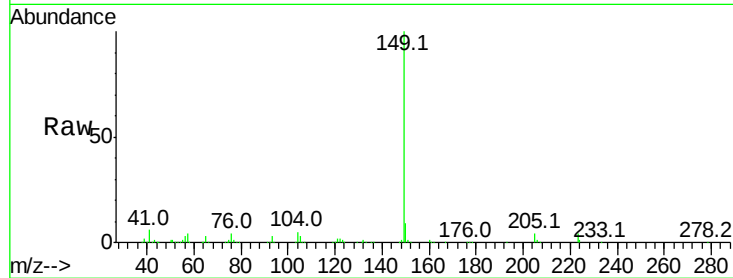
ClientSampleId :

PB110533BS

Tot Ion:	149	Resp:	445115
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	4.6	3.8	5.8

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#74

Fluoranthene

Concen: 44.666 ng

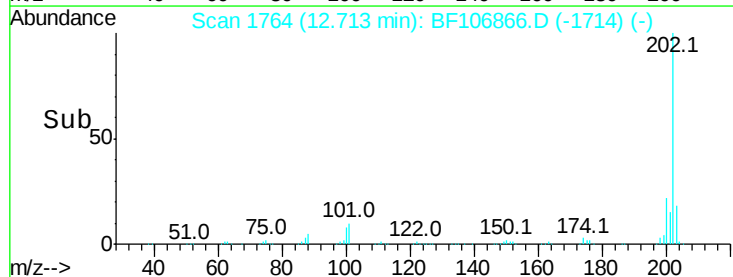
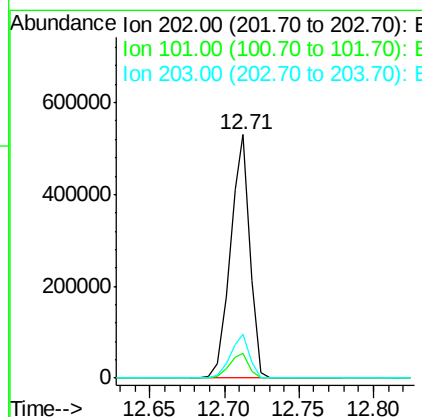
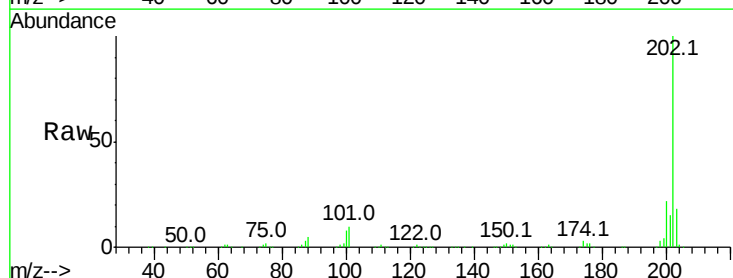
RT: 12.71 min Scan# 1764

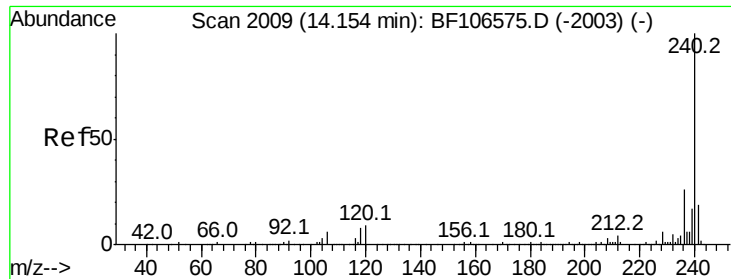
Delta R.T. -0.01 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Tgt Ion:	202	Resp:	486732
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Instrument :

BNA_F

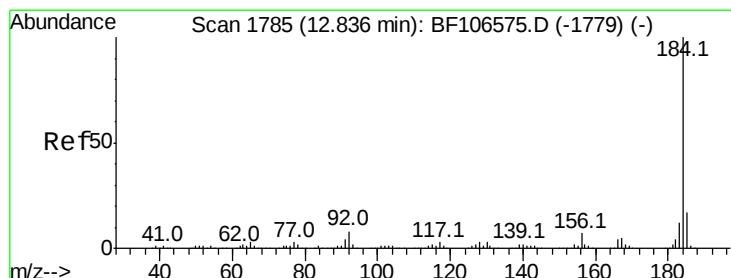
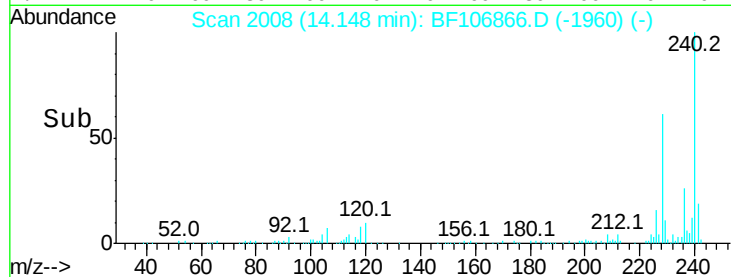
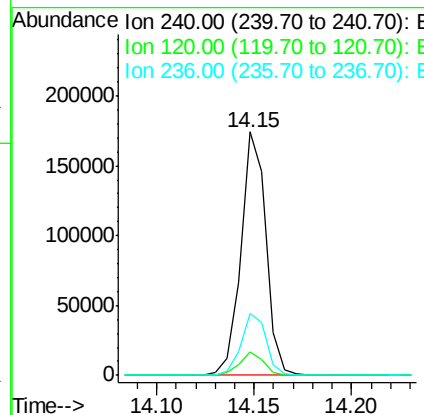
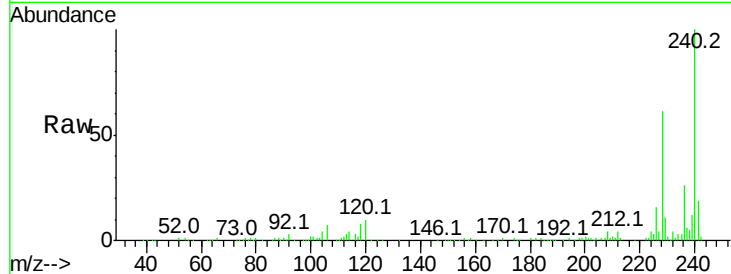
ClientSampleId :

PB110533BS

Tot Ion:	240	Resp:	154381
Ion Ratio	Lower	Upper	
240	100		
120	9.8	9.5	14.3
236	25.6	20.7	31.1

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#76

Benzidine

Concen: 31.208 ng

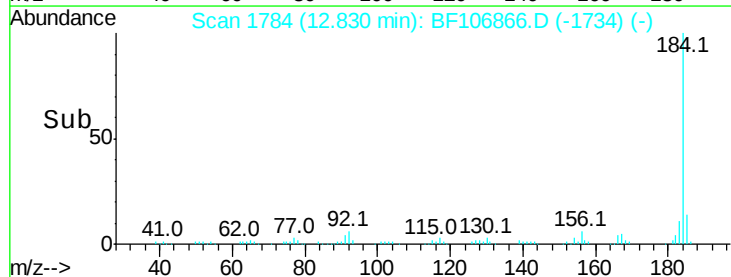
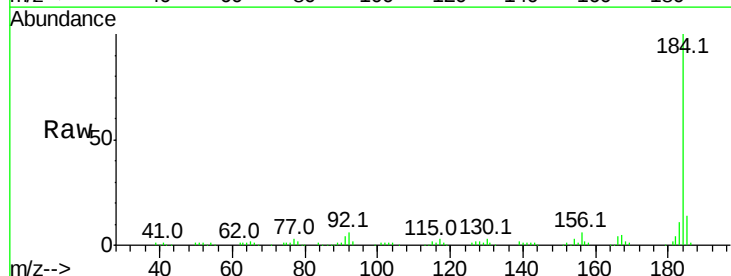
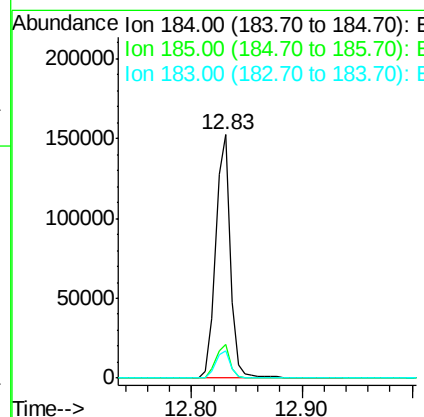
RT: 12.83 min Scan# 1784

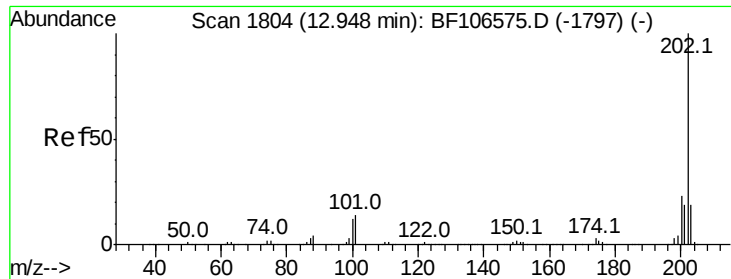
Delta R.T. -0.01 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Tgt Ion:	184	Resp:	137215
Ion Ratio	Lower	Upper	
184	100		
185	13.7	12.6	18.8
183	11.4	9.3	13.9





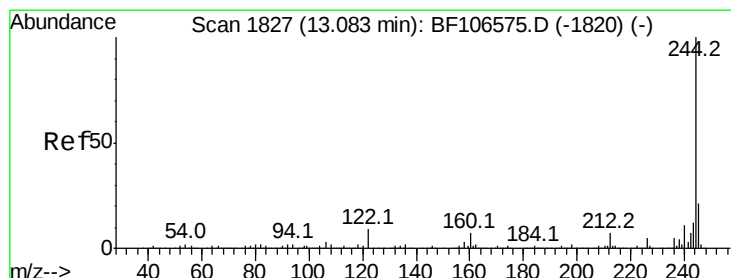
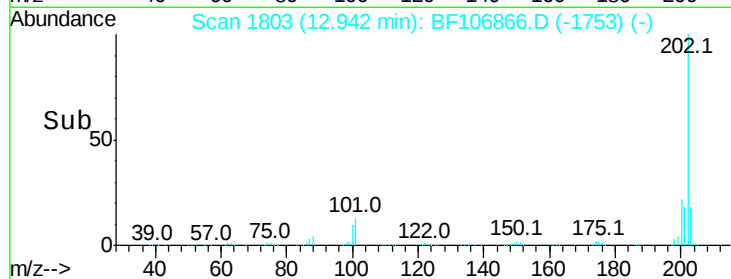
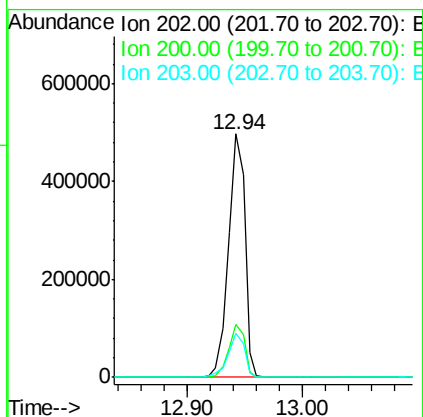
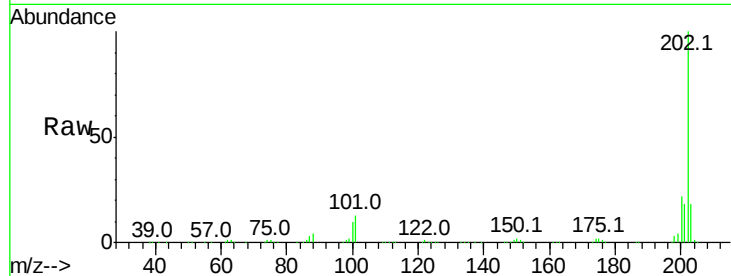
#77
Pvrene
Concen: 48.144 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.8	14.3	21.5

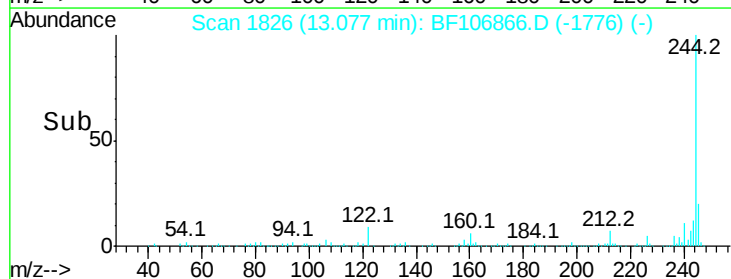
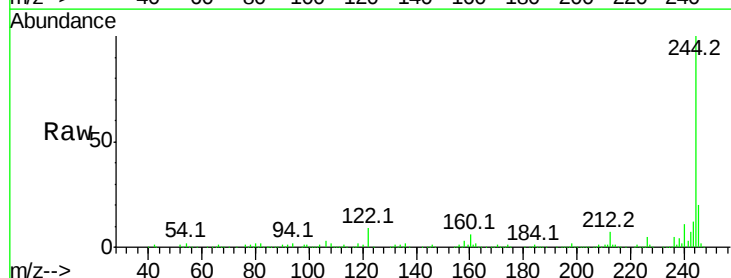
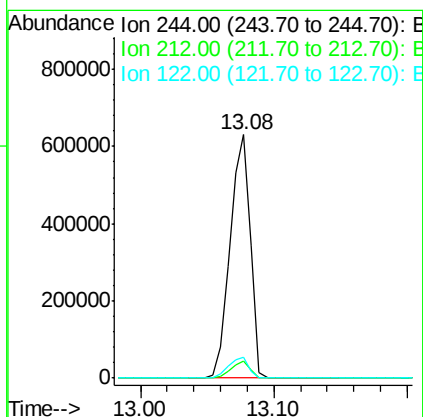
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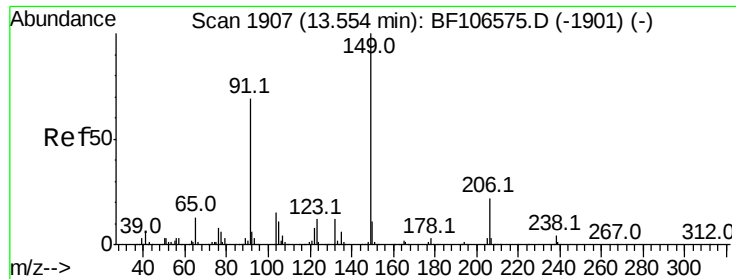
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6/28/2018 2:21:29 PM



#78
Terphenyl-d14
Concen: 105.426 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	8.6	11.0	16.4





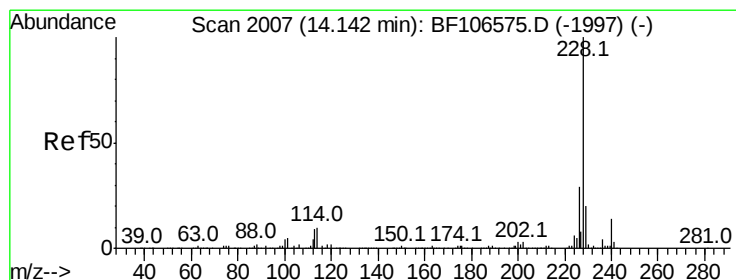
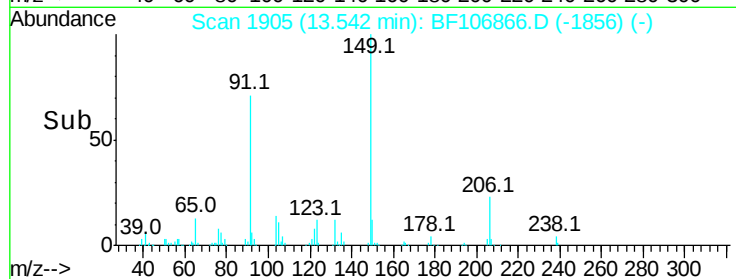
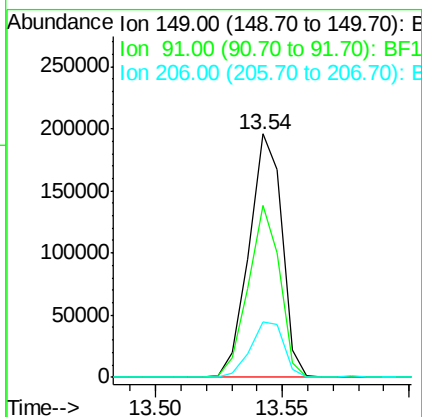
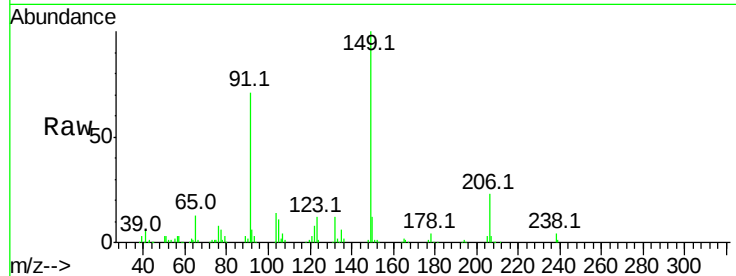
#79
Butylbenzylphthalate
Concen: 42.310 ng
RT: 13.54 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	177095		
91	70.7	56.8	85.2	
206	22.7	14.1	21.1	

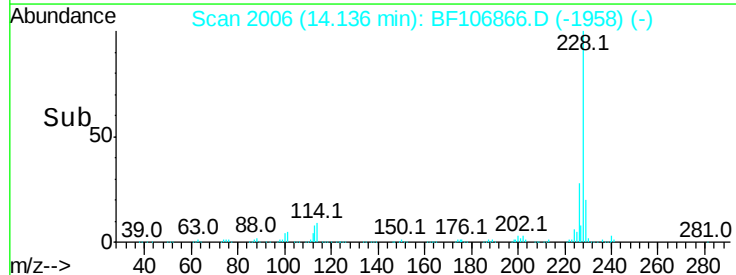
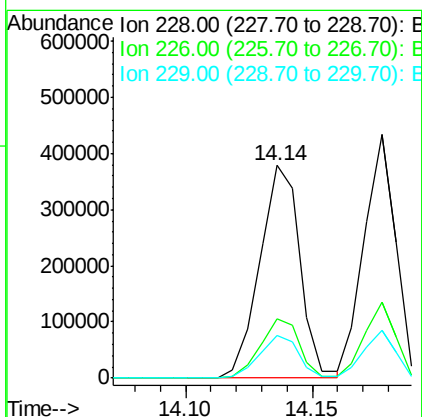
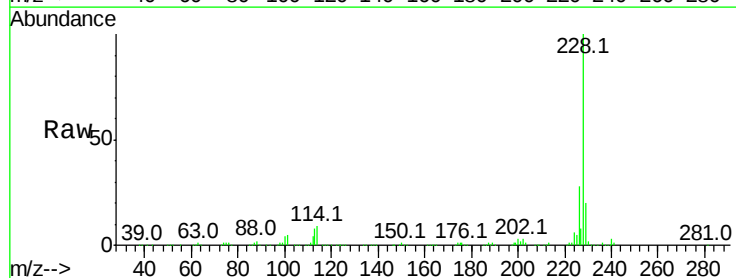
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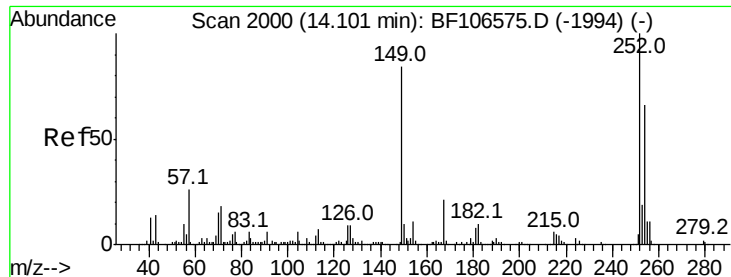
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#80
Benzo(a)anthracene
Concen: 44.594 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	419586		
226	27.9	22.6	33.8	
229	19.9	15.8	23.6	





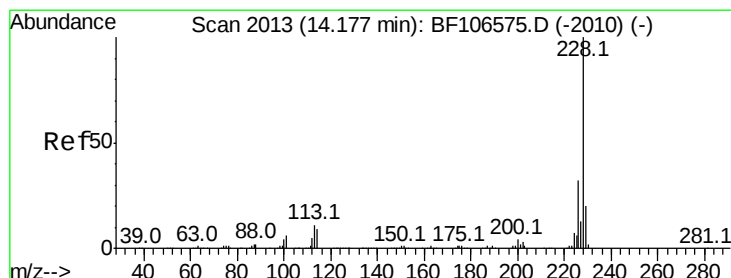
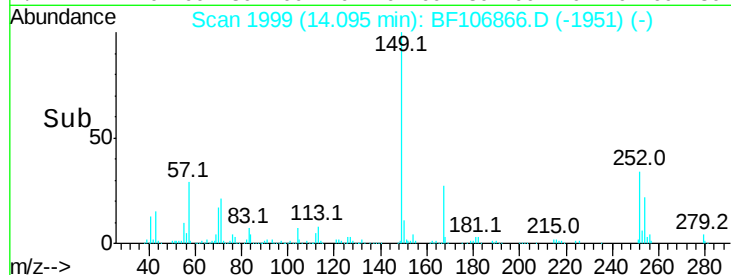
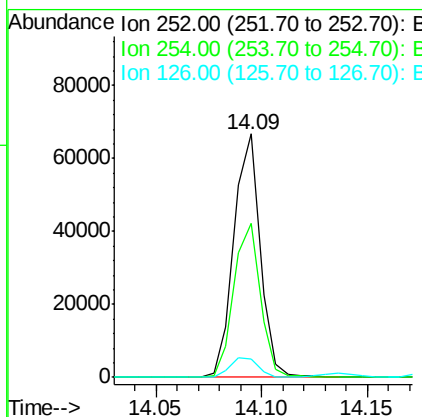
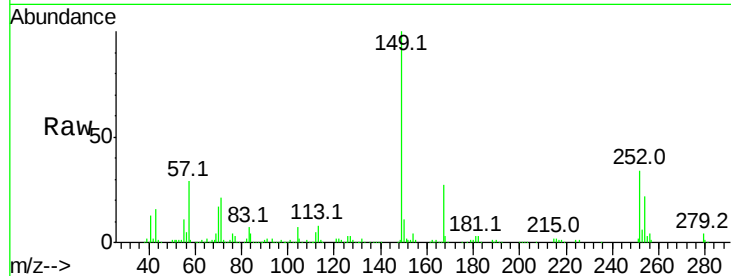
#81
 3,3'-Dichlorobenzidine
 Concen: 17.328 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BF106866.D
 Acq: 27 Jun 2018 12:46

Instrument :
 BNA_F
 ClientSampleId :
 PB110533BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.4	75.6
126	7.8	11.3	16.9

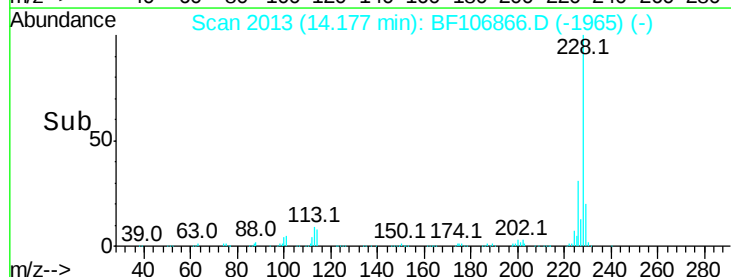
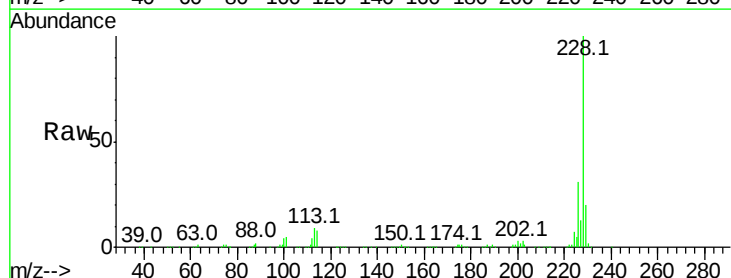
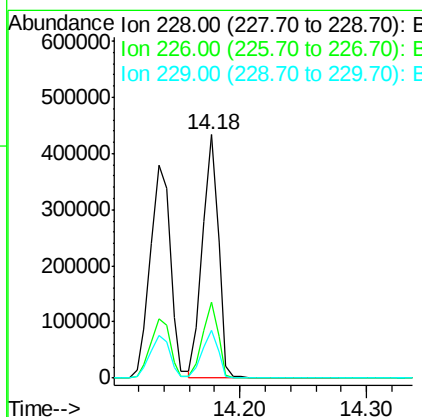
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#82
 Chrysene
 Concen: 44.020 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.02 min
 Lab File: BF106866.D
 Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.7	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.387 ng

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Instrument :

BNA_F

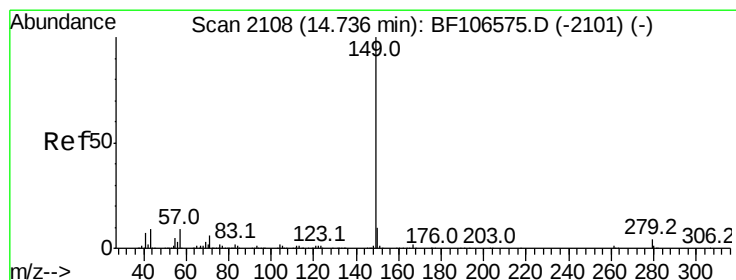
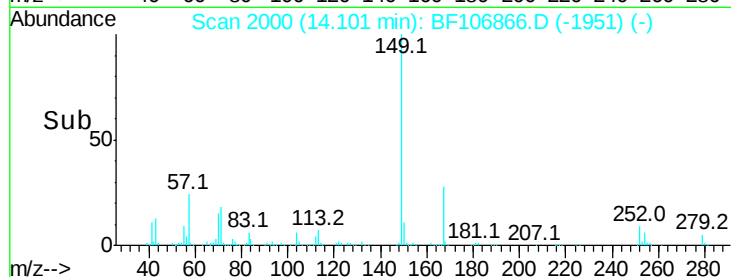
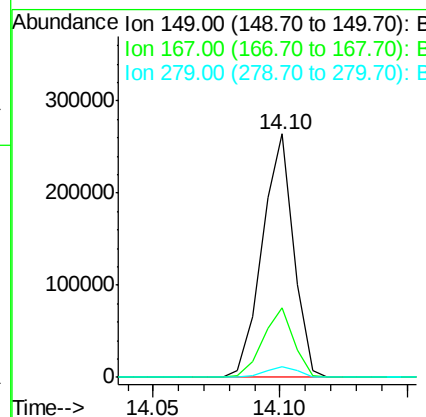
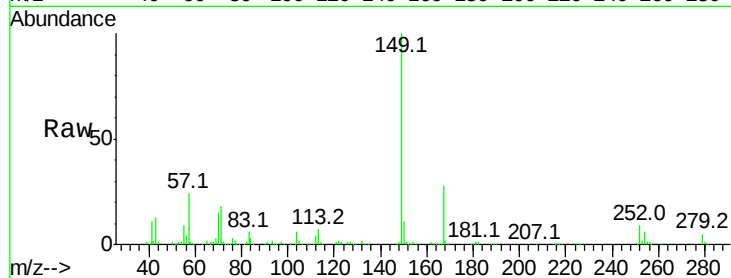
ClientSampleId :

PB110533BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	226825		
167	28.4	21.3	31.9	
279	4.6	3.0	4.4	

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#84

Di-n-octyl phthalate

Concen: 37.472 ng

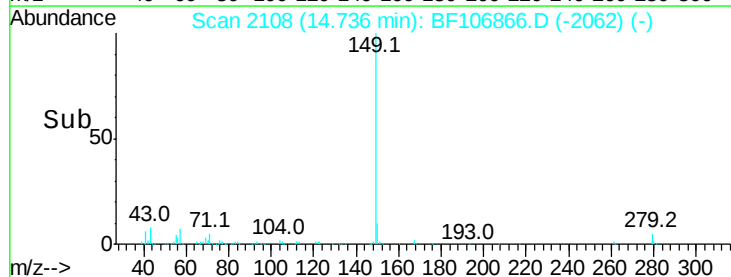
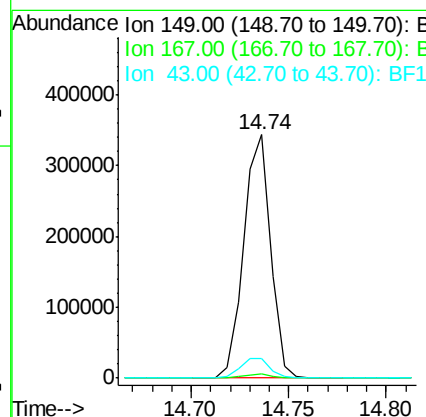
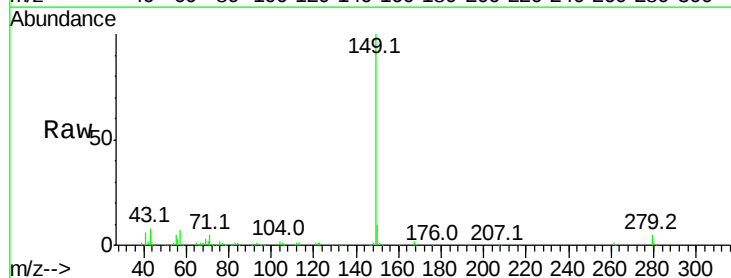
RT: 14.74 min Scan# 2108

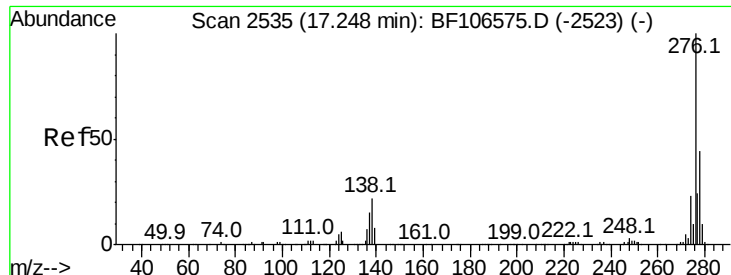
Delta R.T. -0.03 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	326856		
167	1.7	1.2	1.8	
43	8.4	8.4	12.6	





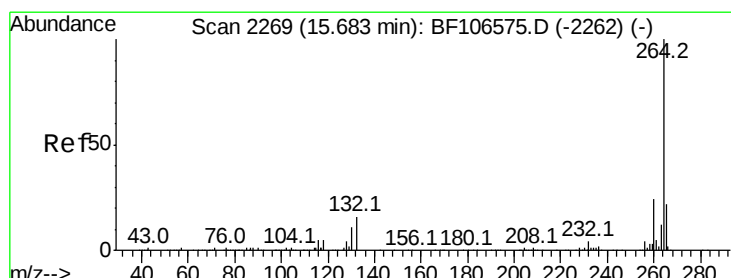
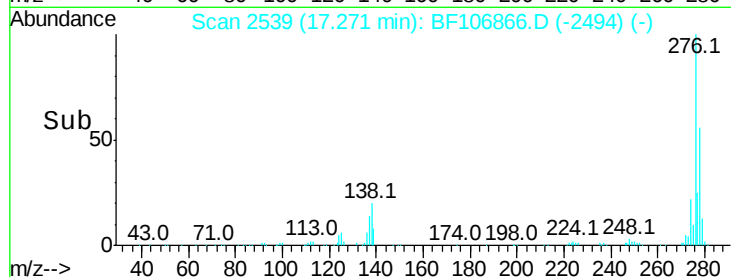
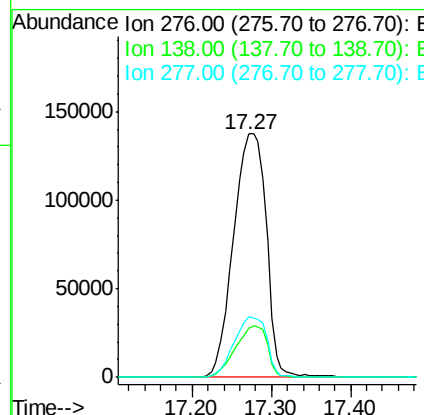
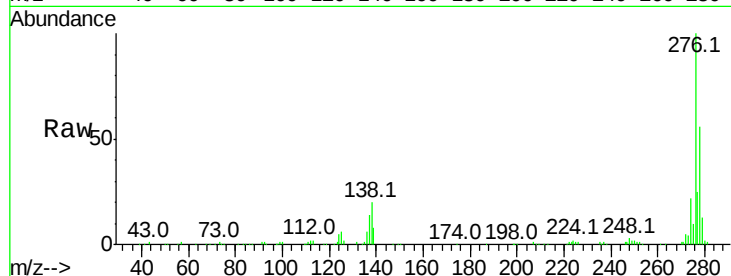
#85
Indeno(1,2,3-cd)pyrene
Concen: 53.646 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.04 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	25.0	37.6#
277	24.8	20.1	30.1

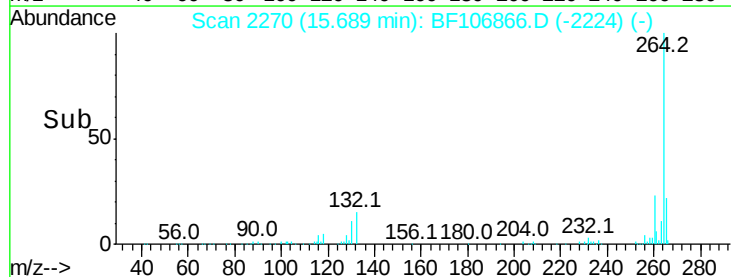
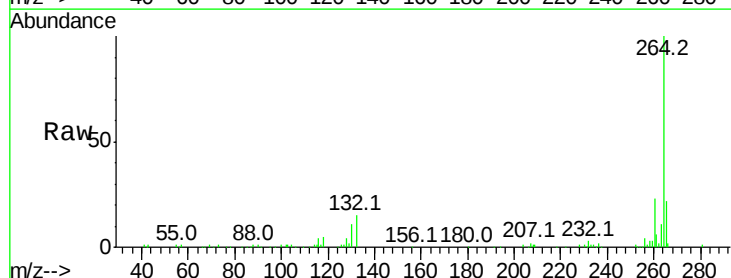
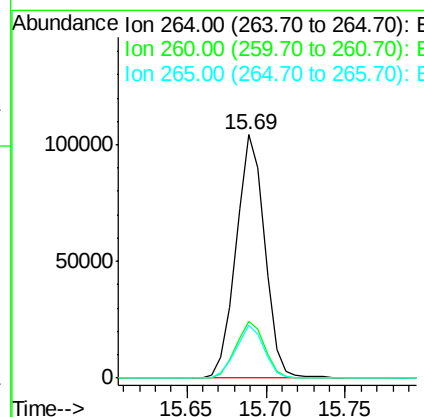
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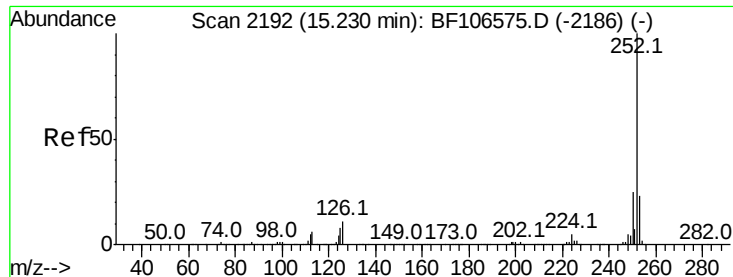
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6/28/2018 2:21:29 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.03 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 41.642 ng

RT: 15.24 min Scan# 2193

Delta R.T. -0.02 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Instrument :

BNA_F

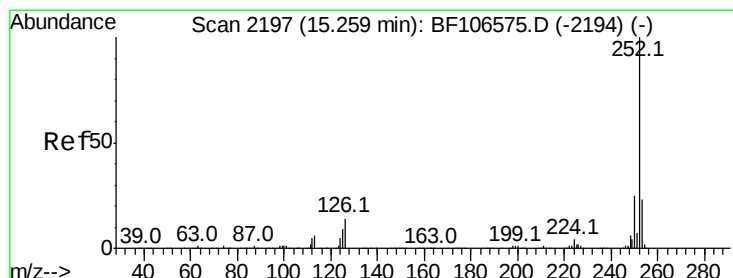
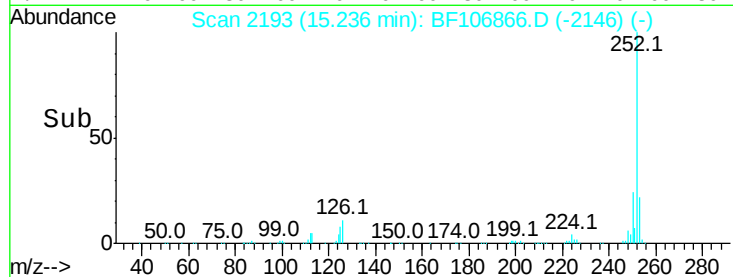
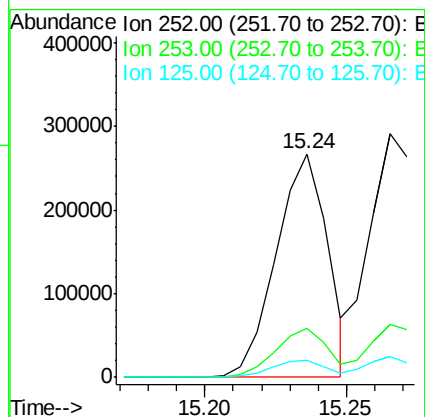
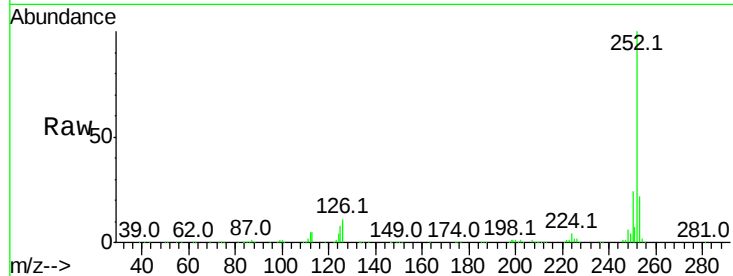
ClientSampleId :

PB110533BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	7.9	9.0	13.6#

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6/28/2018 2:21:29 PM



#88

Benzo(k)fluoranthene

Concen: 43.542 ng

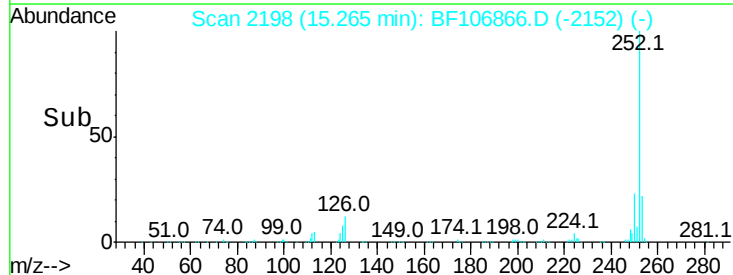
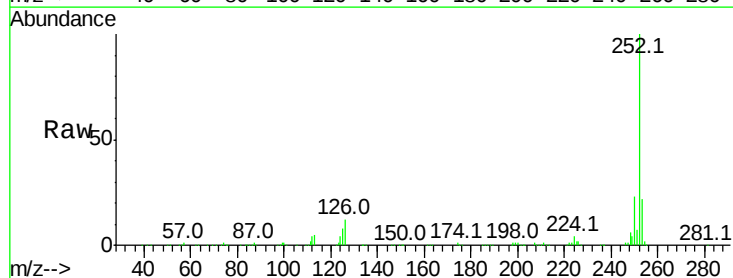
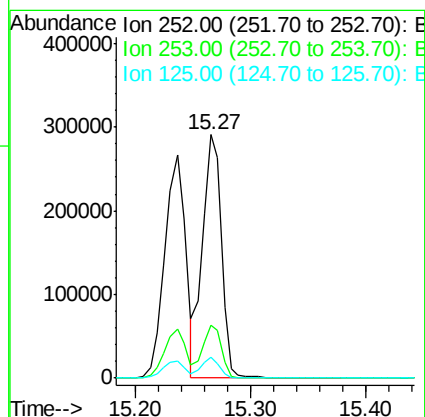
RT: 15.27 min Scan# 2198

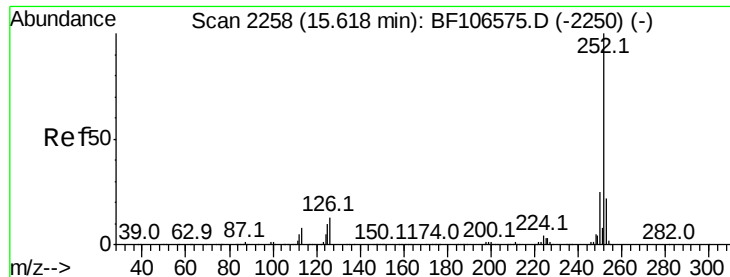
Delta R.T. -0.03 min

Lab File: BF106866.D

Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	8.4	10.2	15.2#





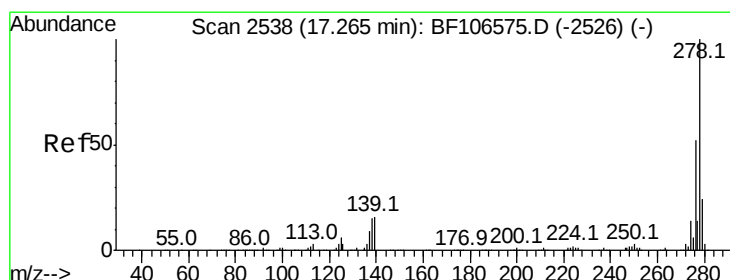
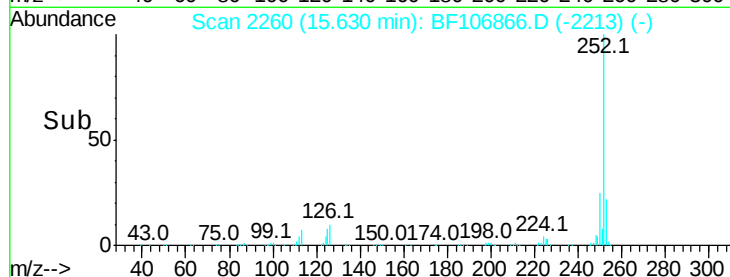
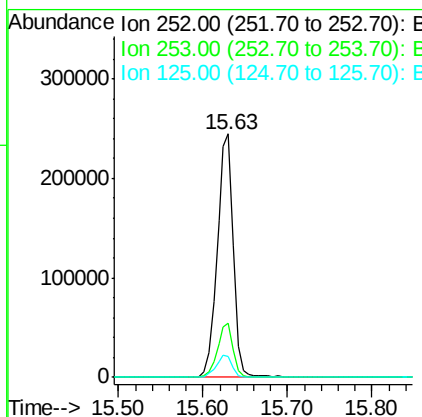
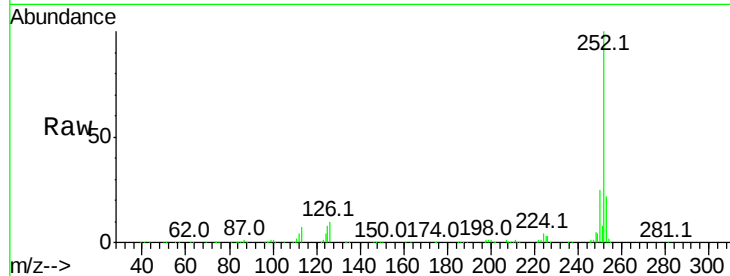
#89
Benzo(a)pyrene
Concen: 45.590 ng
RT: 15.63 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Instrument :
BNA_F
ClientSampleId :
PB110533BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	8.4	9.8	14.6

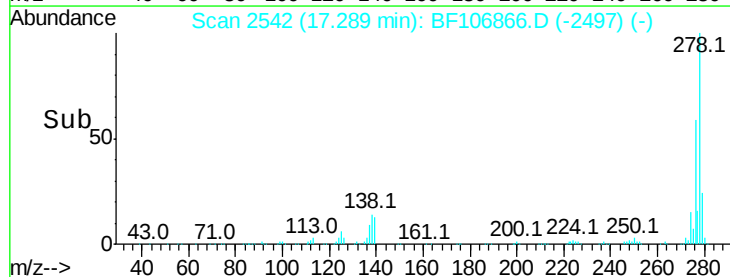
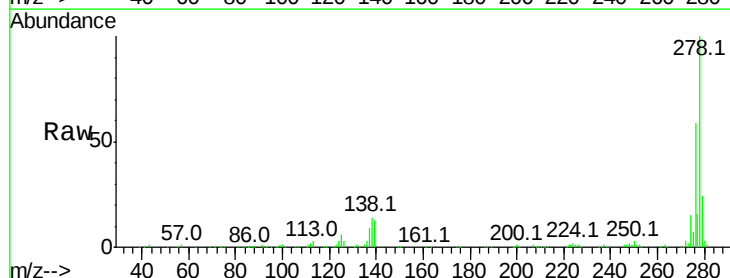
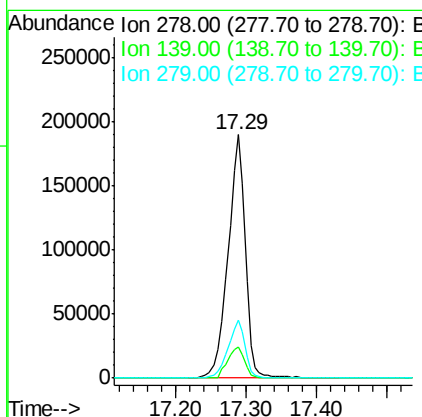
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#90
Dibenzo(a,h)anthracene
Concen: 52.935 ng
RT: 17.29 min Scan# 2542
Delta R.T. -0.04 min
Lab File: BF106866.D
Acq: 27 Jun 2018 12:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.8	15.9	23.9
279	23.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 58.094 ng
 RT: 17.76 min Scan# 2622
 Delta R.T. -0.03 min
 Lab File: BF106866.D
 Acq: 27 Jun 2018 12:46

Instrument :
 BNA_F
 ClientSampleId :
 PB110533BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	17.9	26.9
138	18.1	21.8	32.8

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