

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
 Data File : BF106848.D
 Acq On : 27 Jun 2018 3:21
 Operator : JU/SJ
 Sample : PB110514BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

Manual Integrations
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Sohil
 6/27/2018 2:14:39 PM

Quant Time: Jun 27 05:39:58 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	6.96	152	42319	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	150739	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	68647	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	125334	20.00	ng	0.00
75) Chrysene-d12	14.15	240	115275	20.00	ng	-0.02
86) Perylene-d12	15.68	264	85963	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	215868	86.38	ng	0.00
7) Phenol-d6	6.61	99	264241	84.67	ng	0.00
23) Nitrobenzene-d5	7.52	82	243003	89.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	70328	88.39	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	444171	114.67	ng	0.00
78) Terphenyl-d14	13.08	244	492674	103.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	43686	34.001	ng	99
3) Pyridine	3.65	79	128916	36.996	ng	95
4) n-Nitrosodimethylamine	3.62	42	51894	35.063	ng	87
6) Aniline	6.62	93	44928	10.612	ng	# 26
8) 2-Chlorophenol	6.75	128	113869	41.541	ng	96
9) Benzaldehyde	6.51	77	53705	22.429	ng	97
10) Phenol	6.62	94	138418	38.862	ng	94
11) bis(2-Chloroethyl)ether	6.70	93	115023	39.118	ng	98
12) 1,3-Dichlorobenzene	6.90	146	137800	42.922	ng	98
13) 1,4-Dichlorobenzene	6.98	146	137549	42.378	ng	98
14) 1,2-Dichlorobenzene	7.13	146	127291	42.792	ng	98
15) Benzyl Alcohol	7.10	79	97760	39.010	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	159909	41.449	ng	76
17) 2-Methylphenol	7.22	107	94536	40.300	ng	# 90
18) Hexachloroethane	7.47	117	39384	34.504	ng	89
19) n-Nitroso-di-n-propylamine	7.37	70	79457	38.623	ng	93
20) 3+4-Methylphenols	7.38	107	120843	48.909	ng	95
22) Acetophenone	7.37	105	155149	46.005	ng	98
24) Nitrobenzene	7.55	77	118982	42.965	ng	97
25) Isophorone	7.78	82	215343	45.054	ng	98
26) 2-Nitrophenol	7.86	139	48669	37.229	ng	95
27) 2,4-Dimethylphenol	7.90	122	99457	49.221	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	140632	43.822	ng	99
29) 2,4-Dichlorophenol	8.11	162	93465	44.182	ng	92
30) 1,2,4-Trichlorobenzene	8.18	180	112691	48.357	ng	98
31) Naphthalene	8.27	128	322332	45.737	ng	99
32) Benzoic acid	7.98	122	21657m	18.707	ng	
33) 4-Chloroaniline	8.31	127	20201	6.831	ng	98
34) Hexachlorobutadiene	8.37	225	76423	50.328	ng	97
35) Caprolactam	8.68	113	26036m	37.757	ng	
36) 4-Chloro-3-methylphenol	8.81	107	92671	41.619	ng	94
37) 2-Methylnaphthalene	8.95	142	227140	48.625	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	116176	50.253	ng	# 95
40) Hexachlorocyclopentadiene	9.10	237	10146	8.530	ng	99

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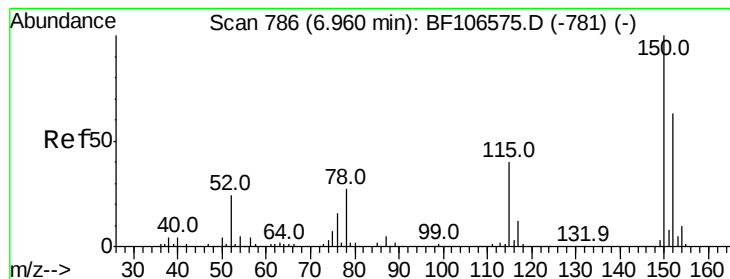
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	62477	40.656	nq	93
43) 2,4,5-Trichlorophenol	9.29	196	63005m	39.292	nq	
45) 1,1'-Biphenyl	9.42	154	267145	48.831	nq	97
46) 2-Chloronaphthalene	9.45	162	190223	44.173	nq	95
47) 2-Nitroaniline	9.55	65	55999	38.671	nq	99
48) Acenaphthylene	9.87	152	295608	43.479	nq	99
49) Dimethylphthalate	9.71	163	231676	44.998	nq	98
50) 2,6-Dinitrotoluene	9.78	165	48675	44.646	nq	91
51) Acenaphthene	10.04	154	175269	40.938	nq	97
52) 3-Nitroaniline	9.96	138	29760	23.721	nq	94
53) 2,4-Dinitrophenol	10.07	184	6615	16.242	nq	# 19
54) Dibenzofuran	10.21	168	271366	46.289	nq	97
55) 4-Nitrophenol	10.14	139	45929	52.448	nq	97
56) 2,4-Dinitrotoluene	10.19	165	59824	42.039	nq	91
57) Fluorene	10.55	166	204611	43.983	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	53111	41.667	nq	# 77
59) Diethylphthalate	10.41	149	212590	42.781	nq	# 93
60) 4-Chlorophenyl-phenylether	10.54	204	108228	44.464	nq	# 88
61) 4-Nitroaniline	10.58	138	49989	40.149	nq	92
62) Azobenzene	10.70	77	187472	38.310	nq	90
64) 4,6-Dinitro-2-methylphenol	10.60	198	8261	10.663	nq	76
65) n-Nitrosodiphenylamine	10.66	169	177500	42.105	nq	99
66) 4-Bromophenyl-phenylether	11.03	248	71917	48.080	nq	# 80
67) Hexachlorobenzene	11.10	284	74313	47.468	nq	# 82
68) Atrazine	11.18	200	61292	45.735	nq	94
69) Pentachlorophenol	11.30	266	33346	42.688	nq	98
70) Phenanthrene	11.52	178	292993	48.468	nq	98
71) Anthracene	11.57	178	300617	48.720	nq	99
72) Carbazole	11.73	167	267558	46.315	nq	98
73) Di-n-butylphthalate	12.04	149	313074	46.002	nq	99
74) Fluoranthene	12.71	202	334409	50.190	nq	95
76) Benzidine	12.83	184	107899	32.866	nq	97
77) Pyrene	12.94	202	344500	45.319	nq	99
79) Butylbenzylphthalate	13.54	149	135595	43.385	nq	# 97
80) Benzo(a)anthracene	14.14	228	322477	45.900	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	71797	29.077	nq	# 95
82) Chrysene	14.17	228	296260	45.835	nq	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	183634	45.958	nq	97
84) Di-n-octyl phthalate	14.72	149	323516	49.671	nq	95
85) Indeno(1,2,3-cd)pyrene	17.25	276	213435	38.911	nq	# 89
87) Benzo(b)fluoranthene	15.22	252	232766m	43.589	nq	
88) Benzo(k)fluoranthene	15.25	252	238651m	46.930	nq	
89) Benzo(a)pyrene	15.61	252	223075	46.992	nq	# 97
90) Dibenzo(a,h)anthracene	17.27	278	181075	45.008	nq	# 93
91) Benzo(g,h,i)perylene	17.73	276	178389	45.365	nq	# 88

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



#1

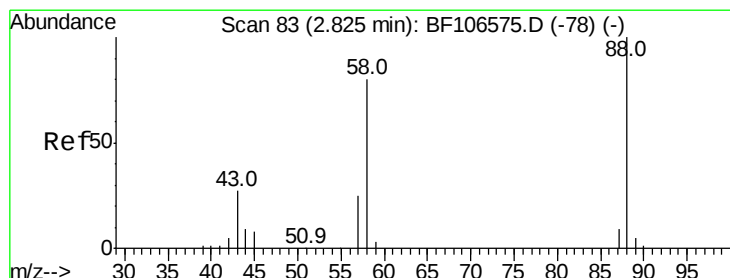
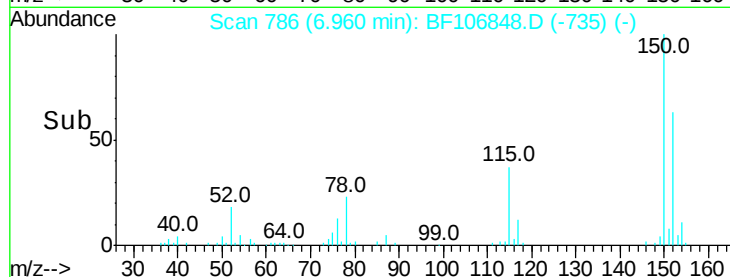
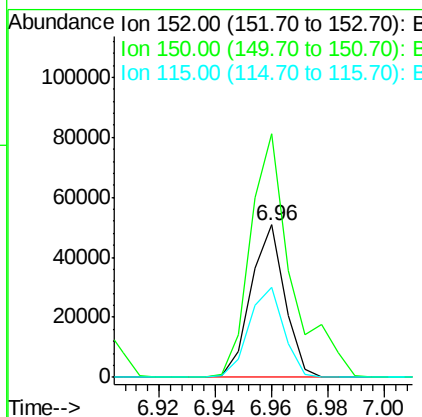
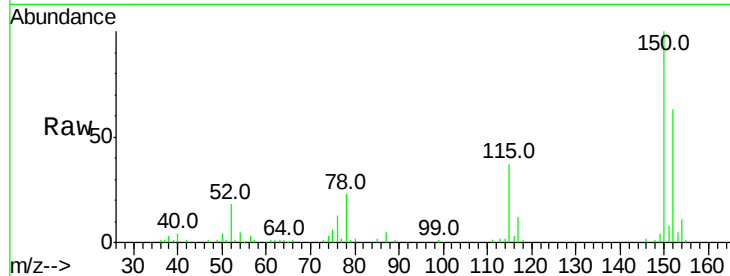
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Instrument :
BNA_F
ClientSampled :
PB110514BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.6	186.8
115	58.9	50.1	75.1

Manual Integrations
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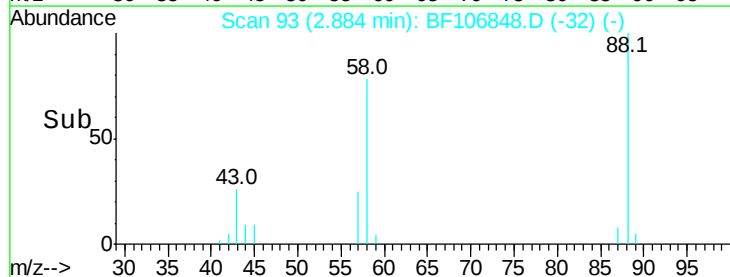
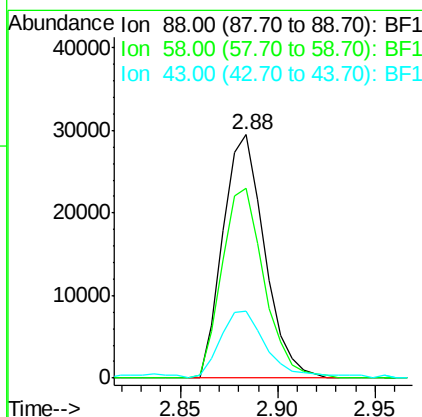
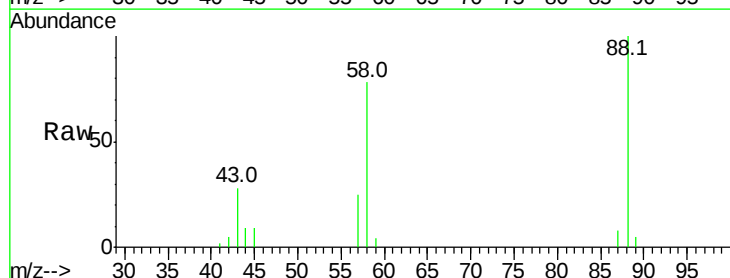
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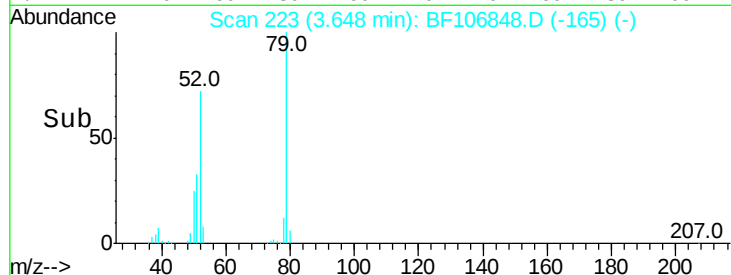
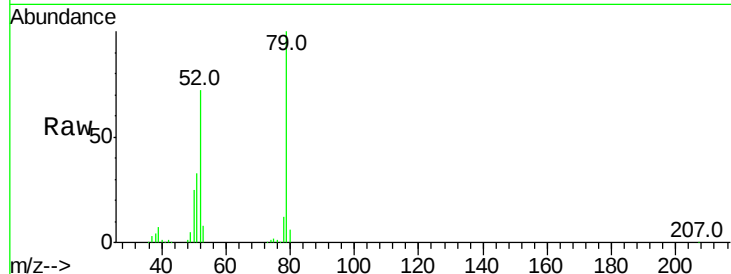
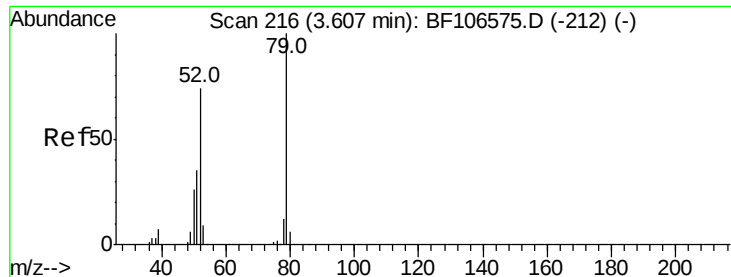


#2

1,4-Dioxane
Concen: 34.001 ng
RT: 2.88 min Scan# 93
Delta R.T. 0.06 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.2	62.6	93.8
43	31.5	24.6	37.0





#3

Pvridine

Concen: 36.996 ng

RT: 3.65 min Scan# 223

Delta R.T. 0.04 min

Lab File: BF106848.D

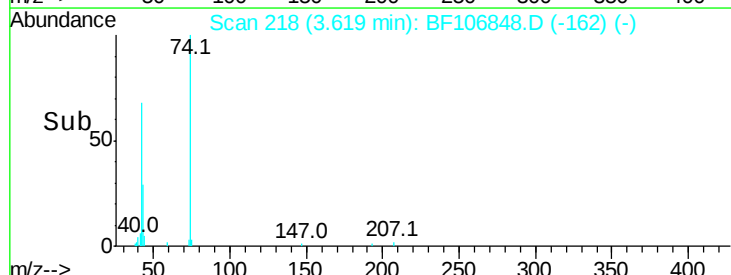
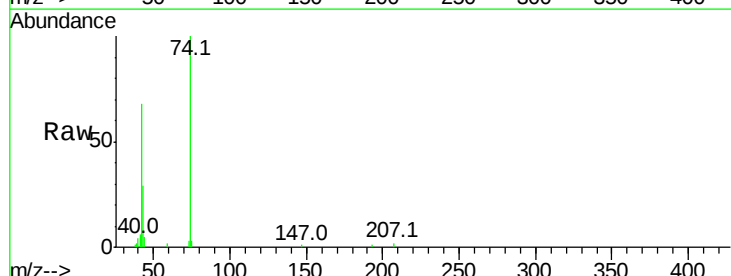
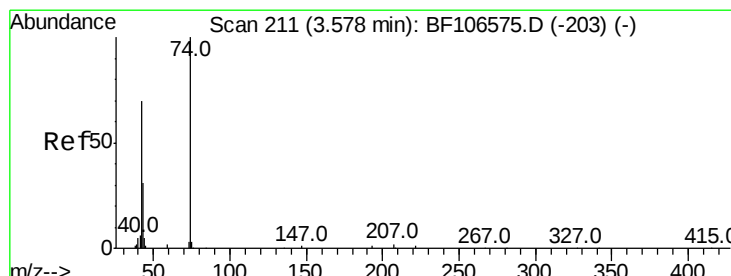
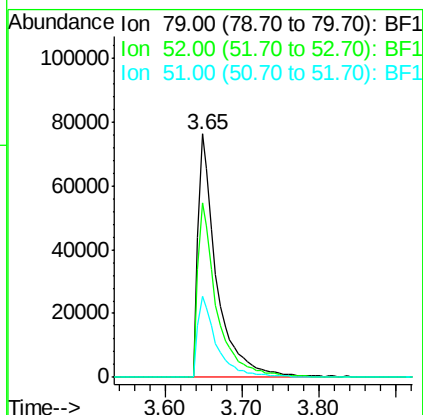
Acq: 27 Jun 2018 3:21

Tot Ion	Ratio	Lower	Upper
79	100		
52	71.6	59.8	89.6
51	33.3	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
PB110514BS

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.063 ng

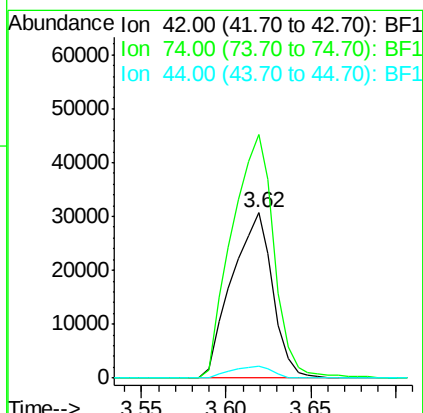
RT: 3.62 min Scan# 218

Delta R.T. 0.03 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Lower	Upper
42	100		
74	147.4	104.9	157.3
44	7.0	6.9	10.3





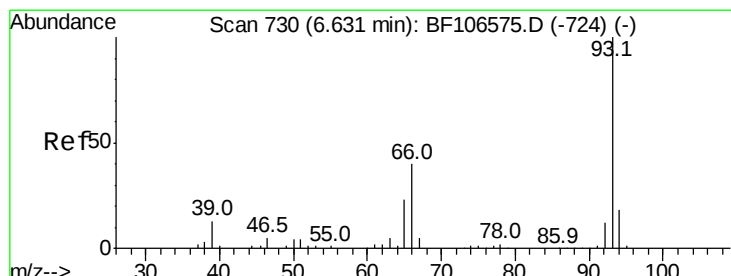
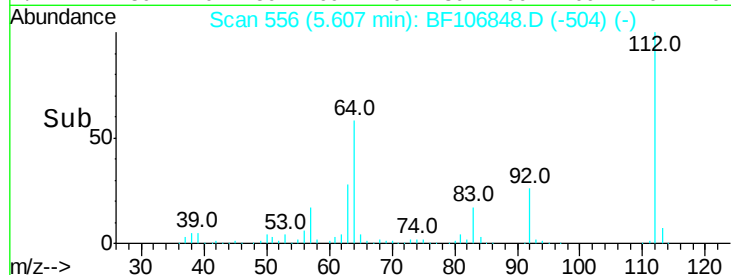
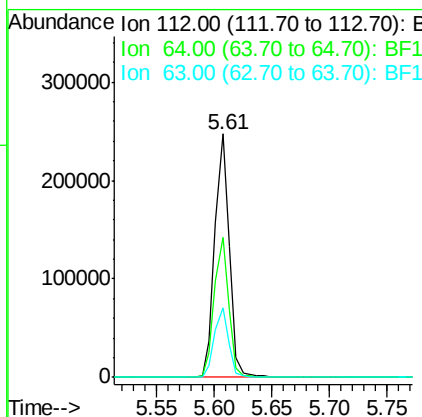
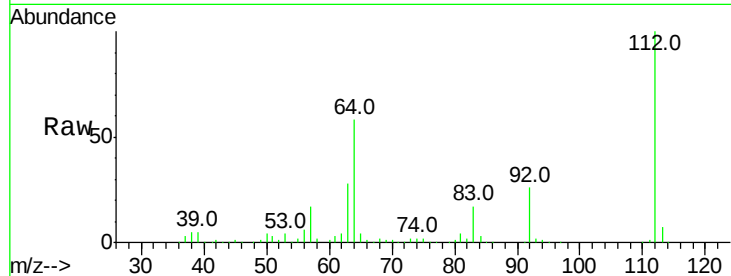
#5
2-Fluorophenol
Concen: 86.376 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB110514BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	57.6	47.9	71.9
63	28.5	23.7	35.5

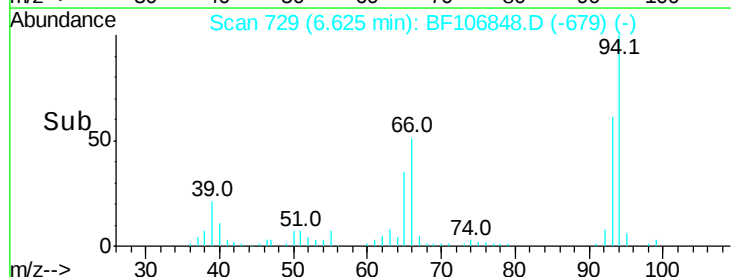
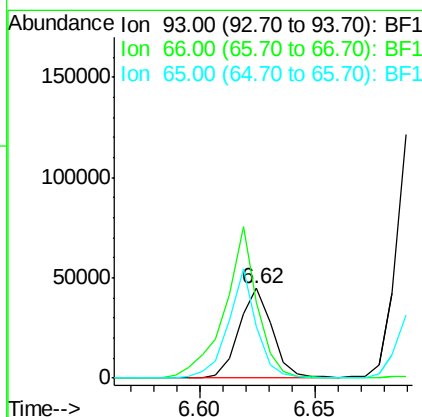
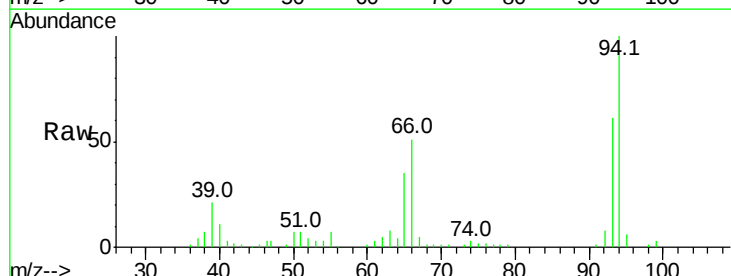
Manual Integrations
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#6
Aniline
Concen: 10.612 ng
RT: 6.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	84.4	32.2	48.2#
65	57.1	16.4	24.6#





#7

Phenol-d6

Concen: 84.666 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Instrument :

BNA_F

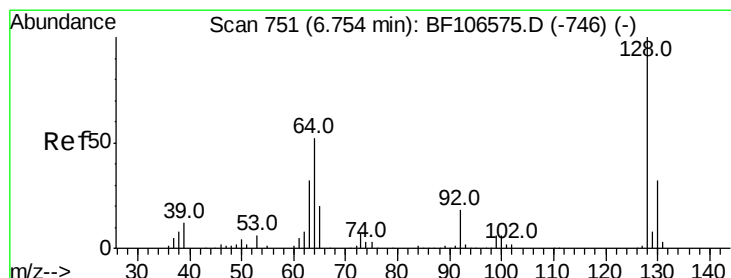
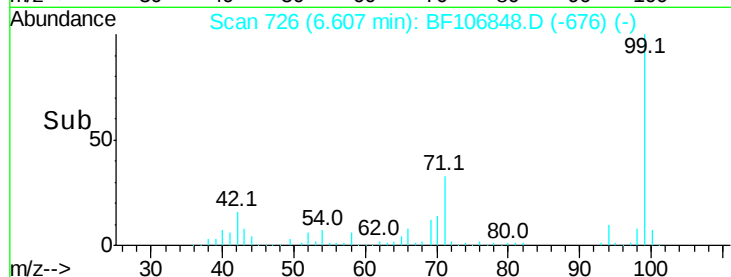
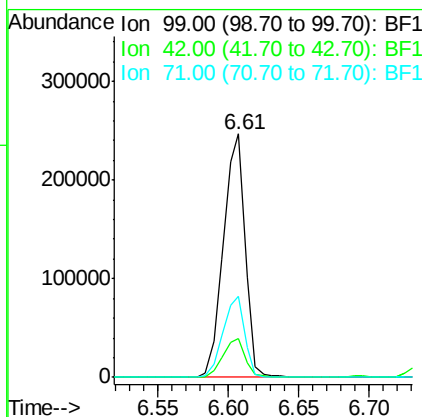
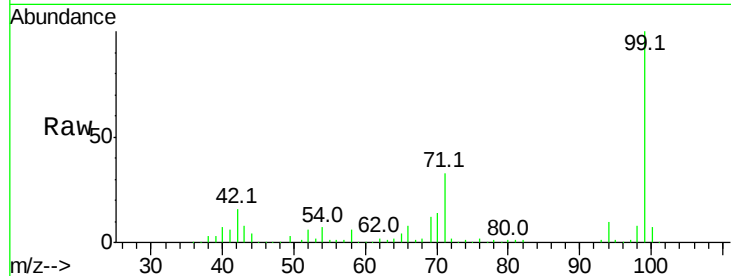
ClientSampleId :

PB110514BS

Tot Ion:	99	Resp:	264241
Ion Ratio	Lower	Upper	
99	100		
42	15.7	14.5	21.7
71	33.3	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.541 ng

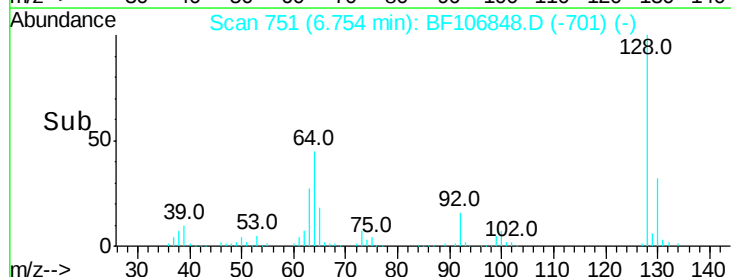
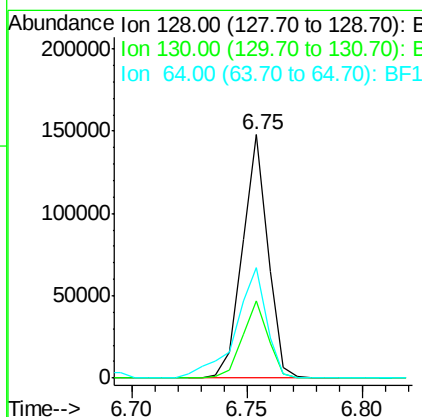
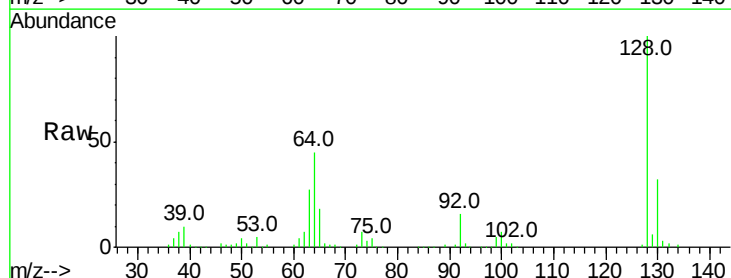
RT: 6.75 min Scan# 751

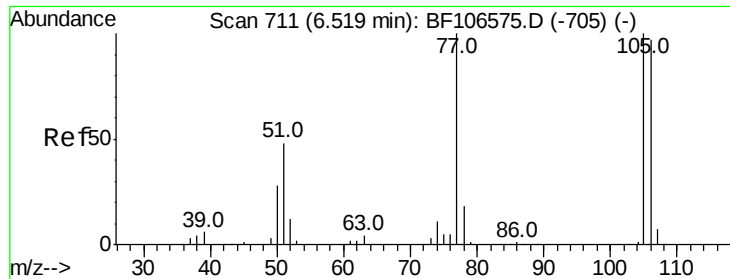
Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Tgt Ion:	128	Resp:	113869
Ion Ratio	Lower	Upper	
128	100		
130	31.9	13.0	53.0
64	45.4	29.4	69.4





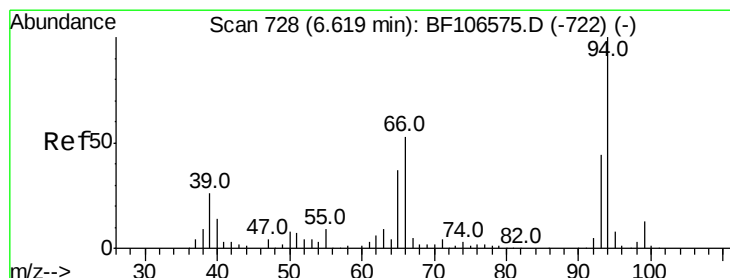
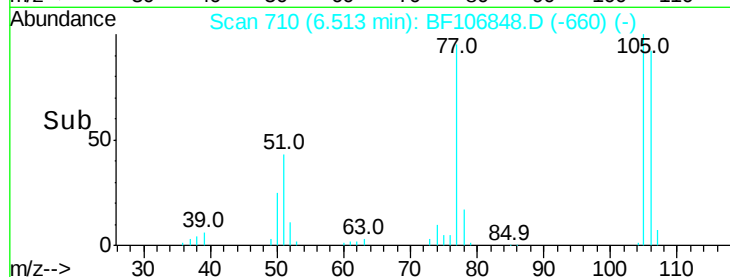
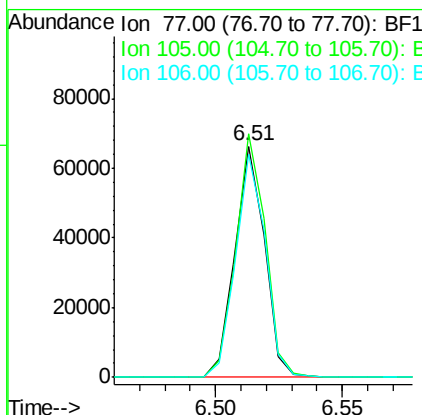
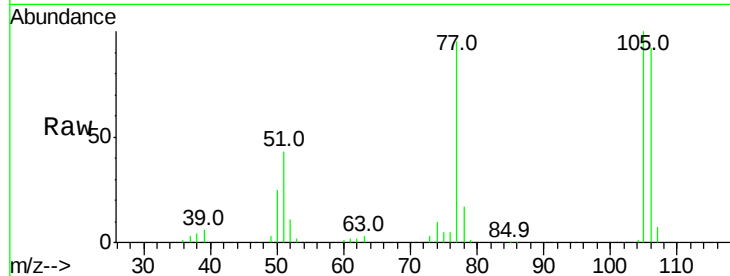
#9
Benzaldehyde
Concen: 22.429 ng
RT: 6.51 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB110514BS

Tot Ion: 77 Resp: 53705
Ion Ratio Lower Upper
77 100
105 105.4 81.1 121.1
106 96.7 74.5 114.5

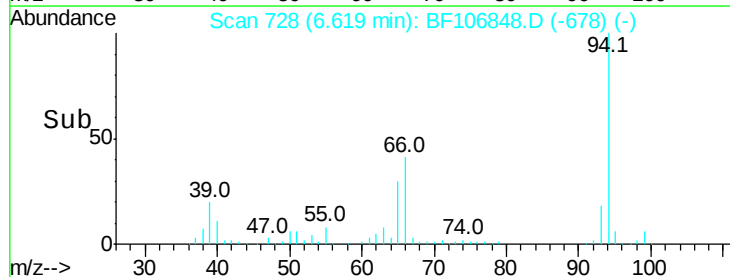
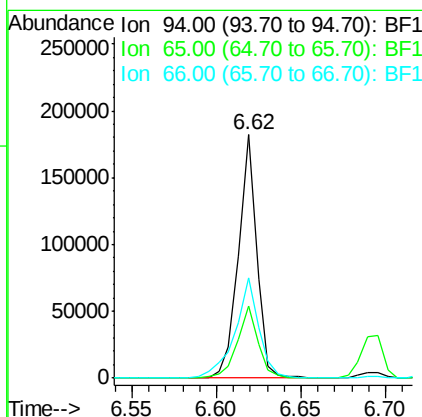
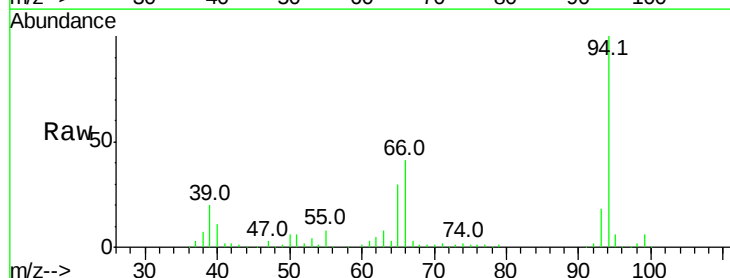
Manual Integrations
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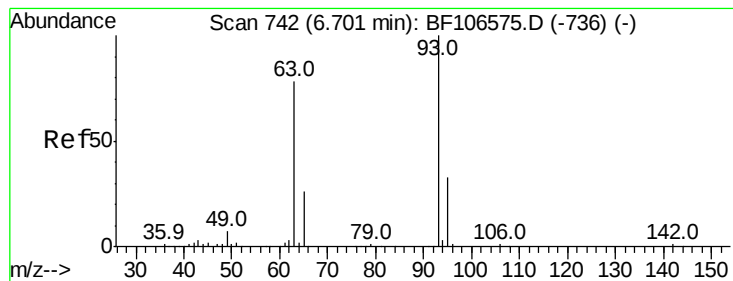
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#10
Phenol
Concen: 38.862 ng
RT: 6.62 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion: 94 Resp: 138418
Ion Ratio Lower Upper
94 100
65 29.8 7.9 47.9
66 41.3 16.2 56.2





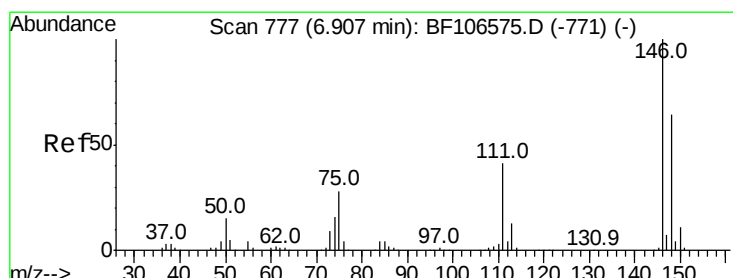
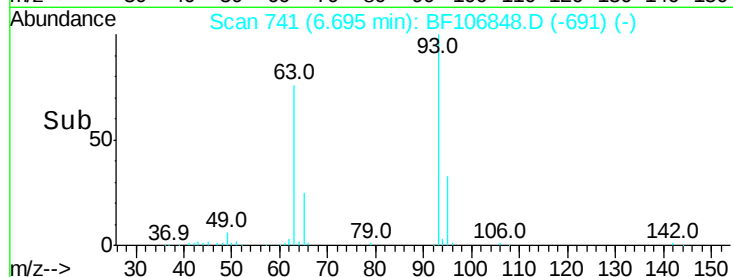
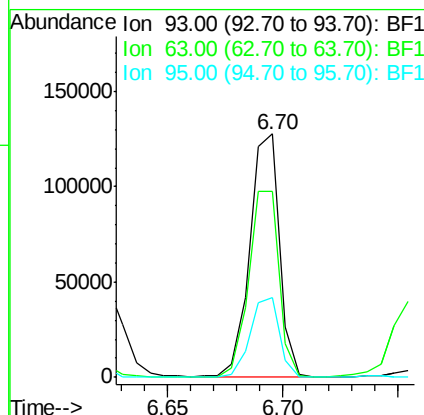
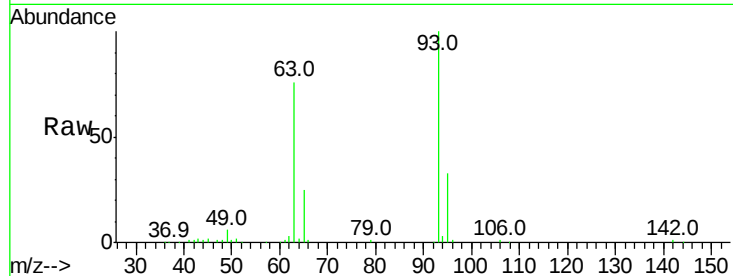
#11
bis(2-Chloroethyl)ether
Concen: 39.118 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB110514BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.2	58.6	98.6
95	32.5	11.8	51.8

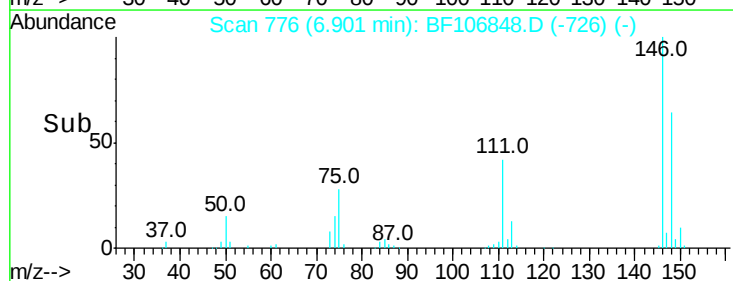
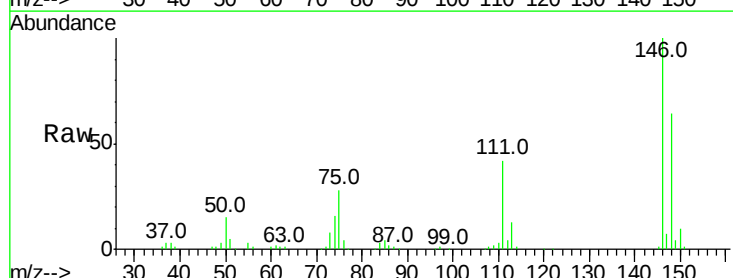
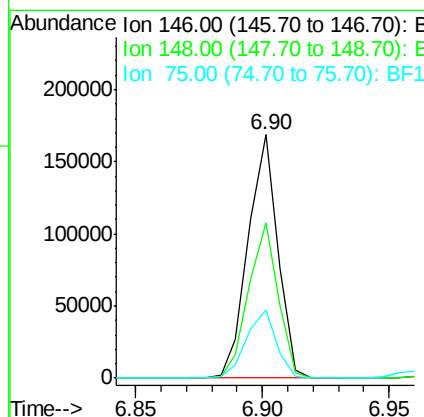
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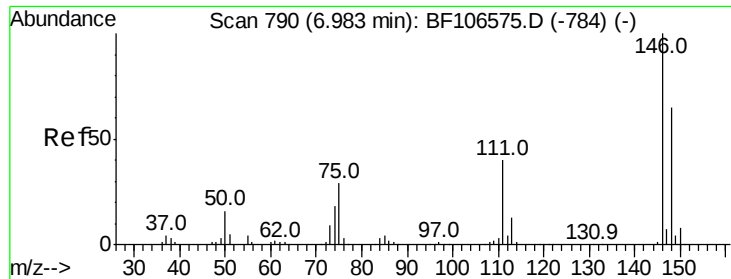
Sohil
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#12
1,3-Dichlorobenzene
Concen: 42.922 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.8
75	28.0	24.2	36.4





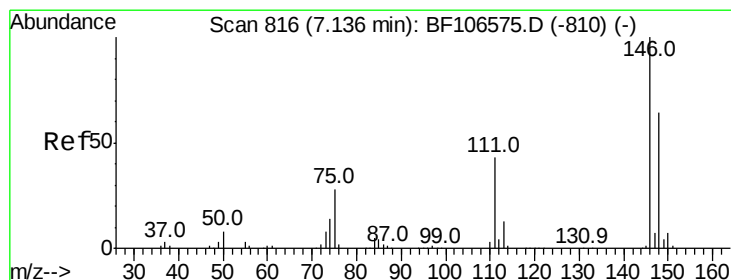
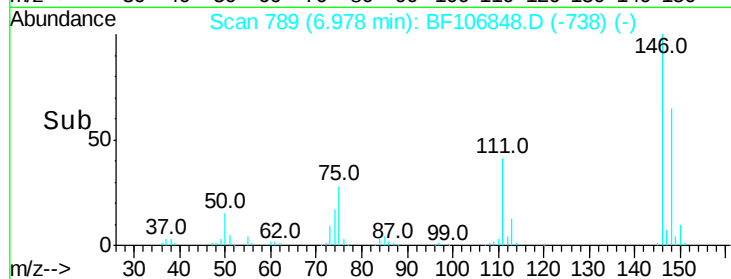
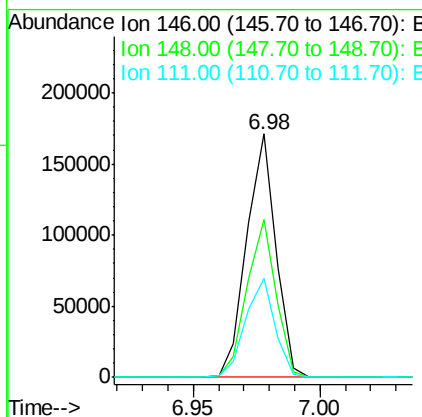
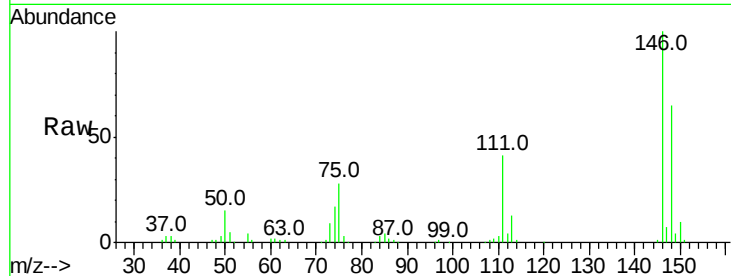
#13
 1,4-Dichlorobenzene
 Concen: 42.378 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.8	76.2
111	40.7	34.2	51.2

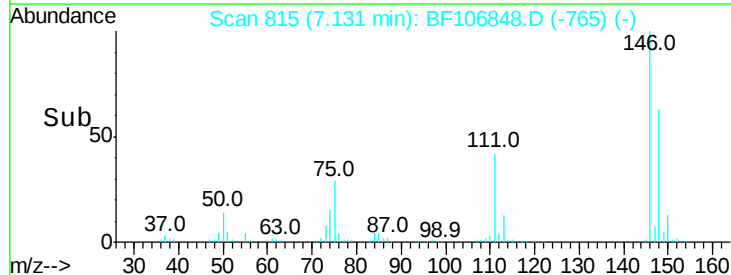
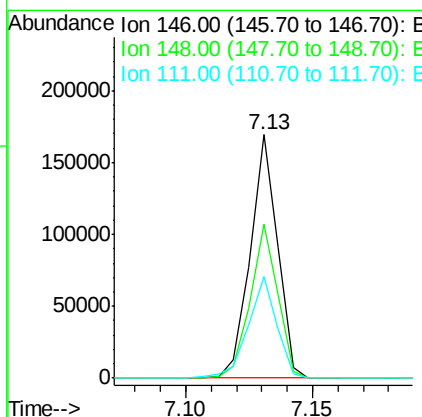
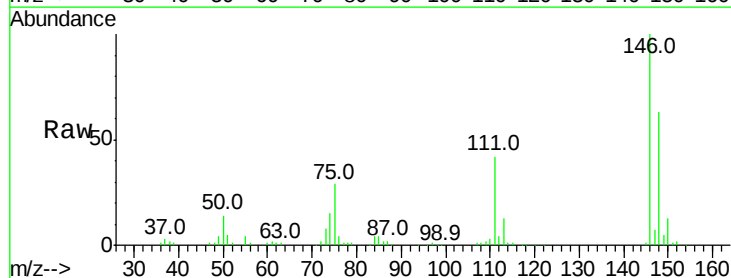
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#14
 1,2-Dichlorobenzene
 Concen: 42.792 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	75.8
111	41.8	36.0	54.0





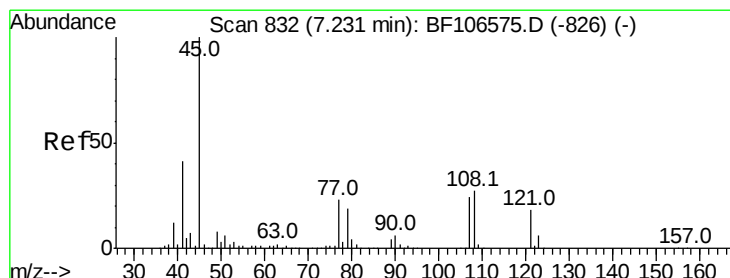
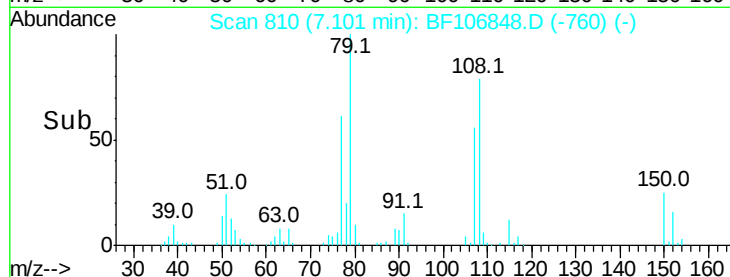
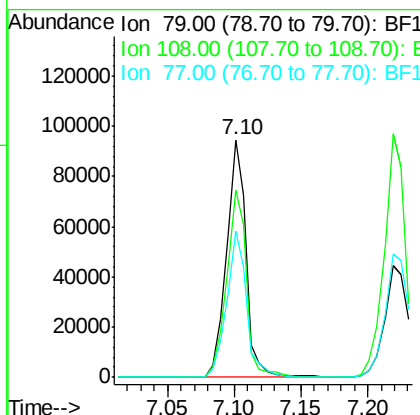
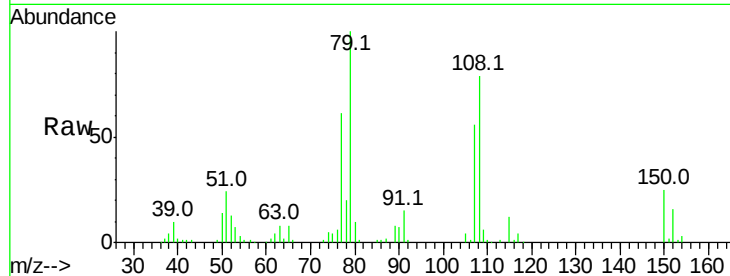
#15
Benzyl Alcohol
Concen: 39.010 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB110514BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.9	65.1	97.7
77	61.4	50.6	75.8

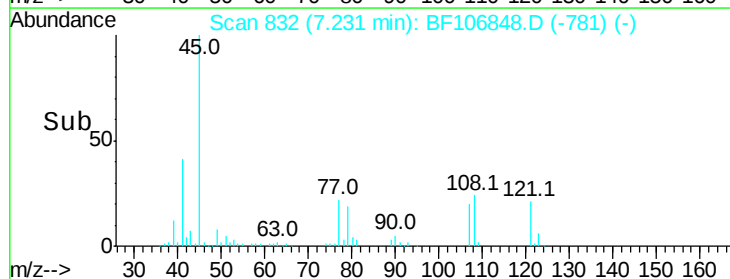
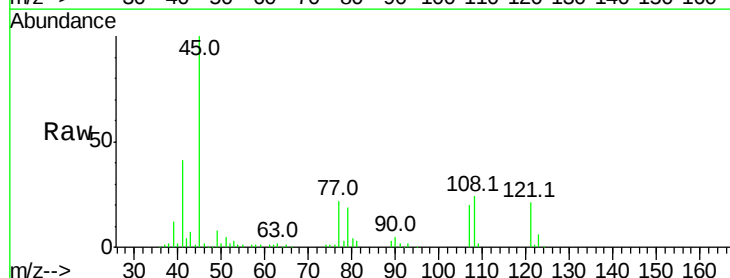
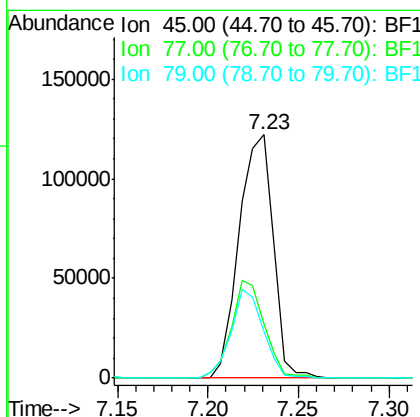
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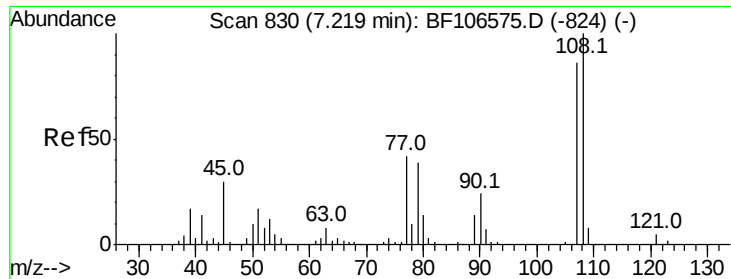
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.449 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.1	0.0	32.9
79	18.9	0.0	29.6





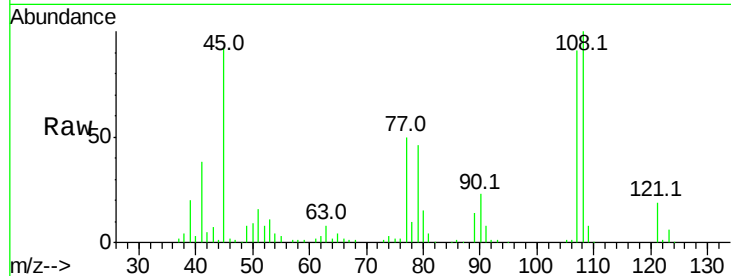
#17
2-Methylphenol
Concen: 40.300 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB110514BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.6	91.7	137.5
77	55.2	33.8	50.8
79	50.1	33.8	50.8

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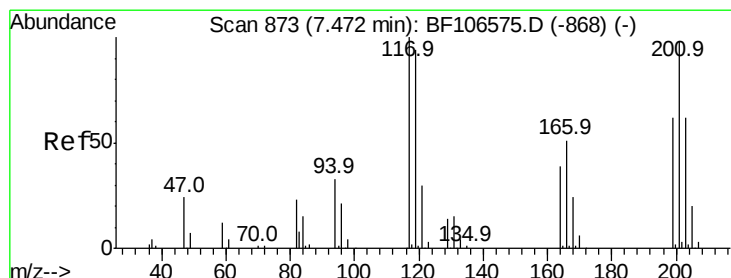
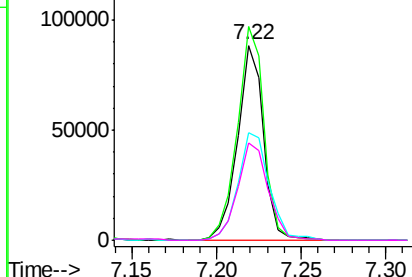
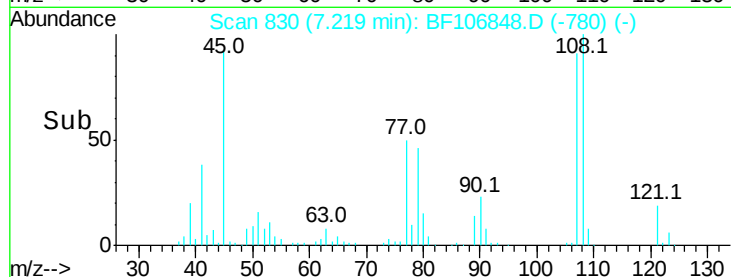
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

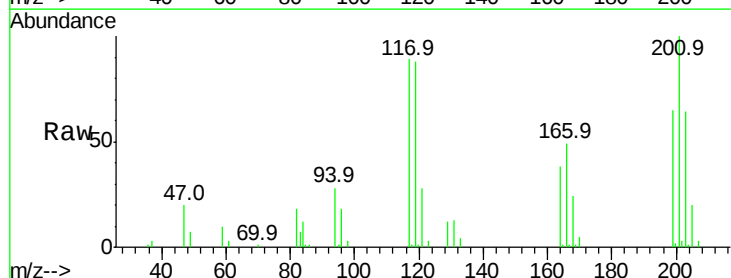
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 34.504 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	75.8	113.8
201	112.2	75.7	113.5

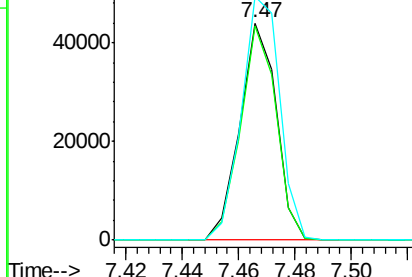
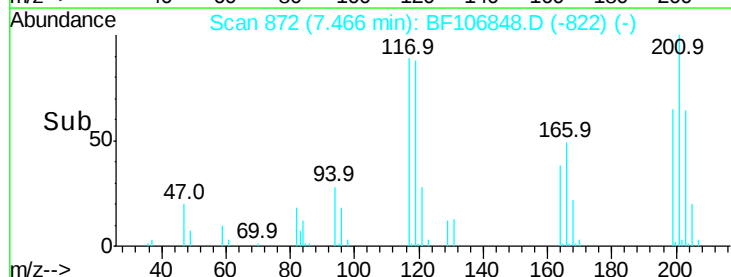


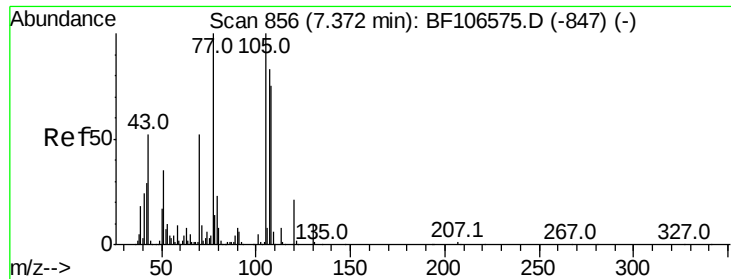
Abundance

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





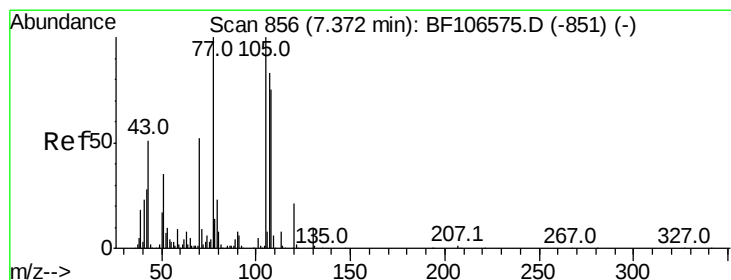
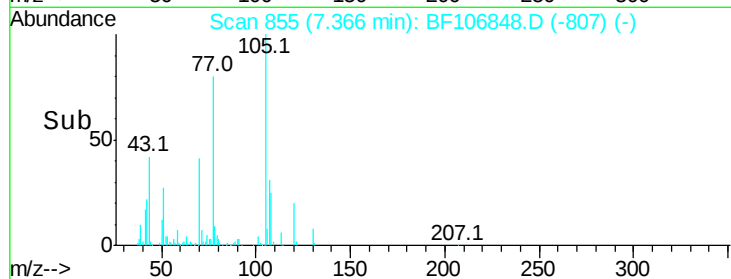
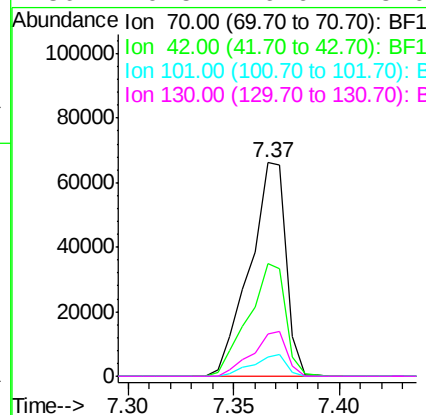
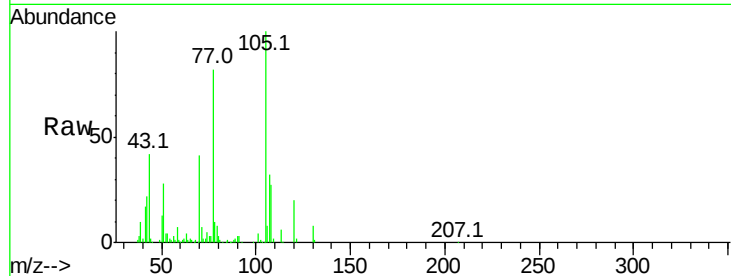
#19
n-Nitroso-di-n-propylamine
Concen: 38.623 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB110514BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.5	47.5	71.3	
101	9.1	7.4	11.2	
130	19.5	16.6	25.0	

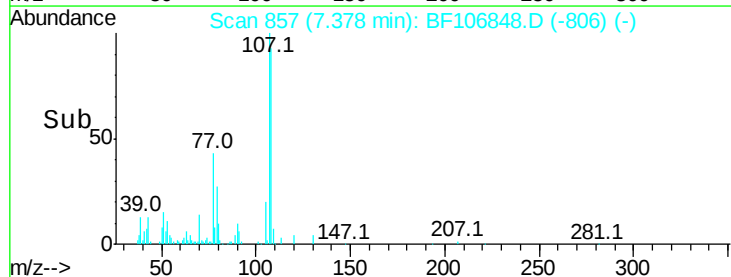
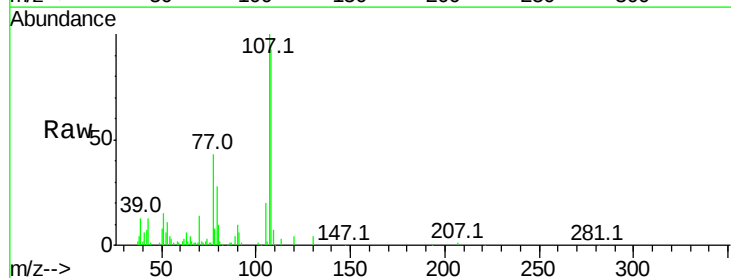
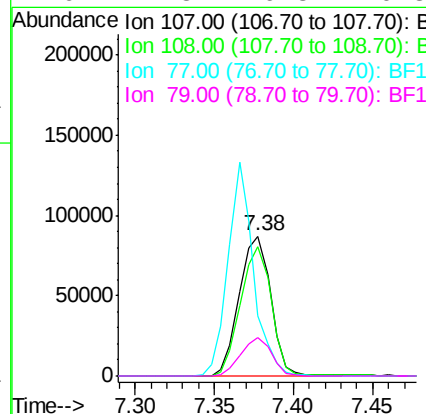
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#20
3+4-Methylphenols
Concen: 48.909 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.0	68.2	108.2	
77	43.4	26.7	66.7	
79	27.8	6.3	46.3	





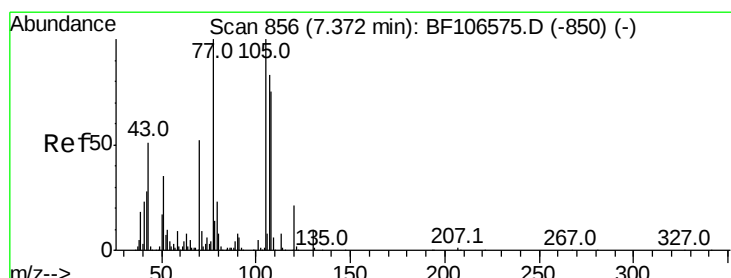
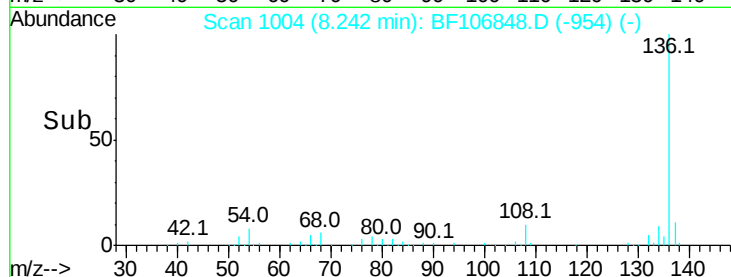
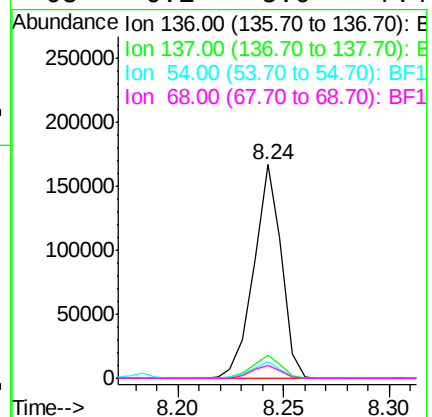
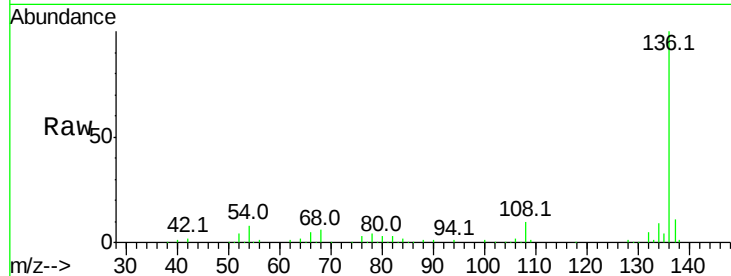
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB110514BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	150739		
137	10.6	8.9	13.3	
54	7.9	6.6	9.8	
68	6.1	5.0	7.4	

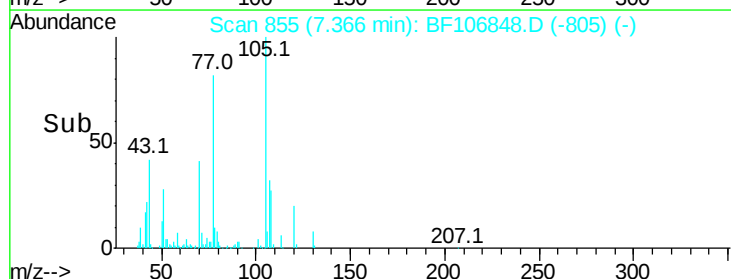
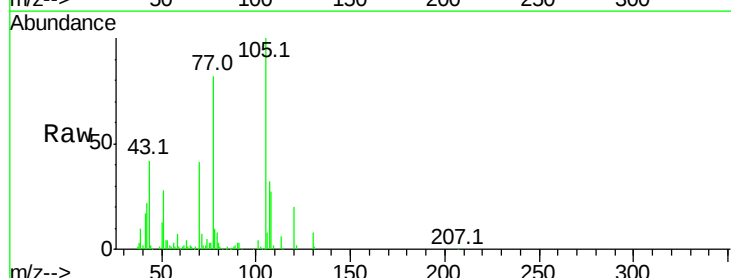
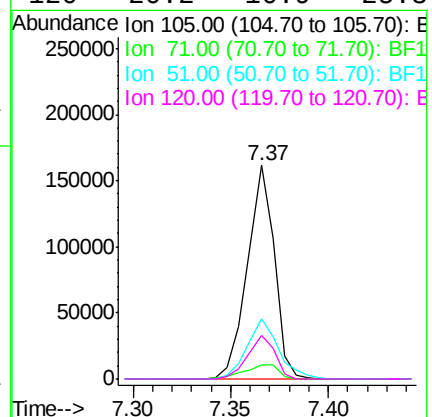
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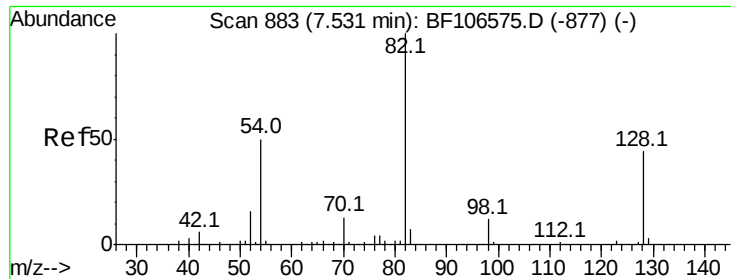
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#22
Acetophenone
Concen: 46.005 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	155149		
71	6.6	4.4	6.6	
51	28.4	22.3	33.5	
120	20.2	16.9	25.3	





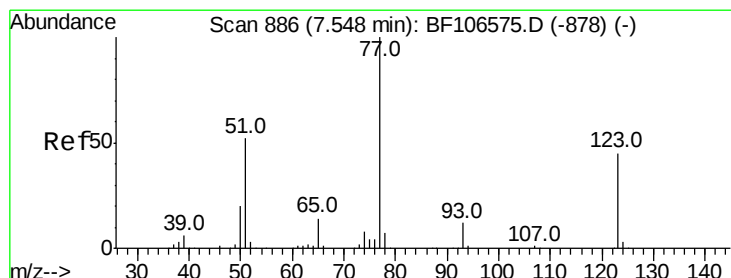
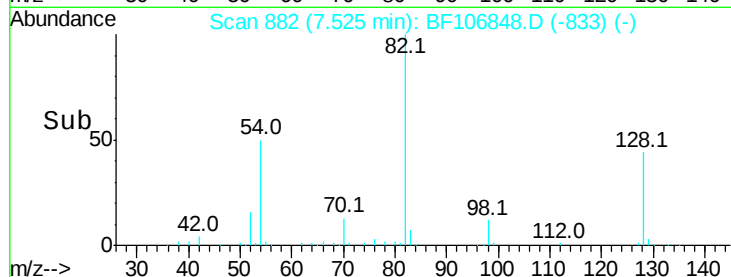
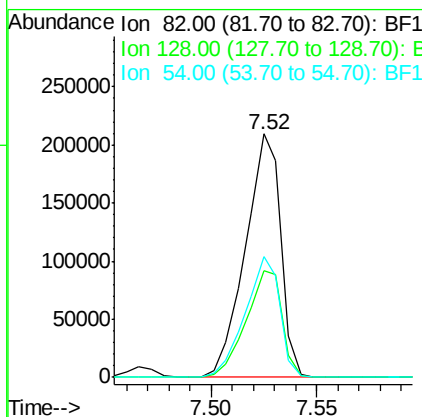
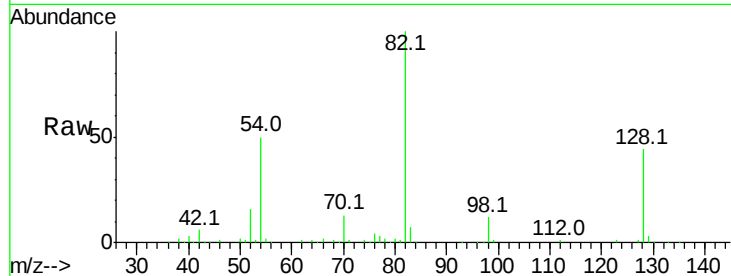
#23
 Nitrobenzene-d5
 Concen: 89.589 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.9	36.1	54.1
54	49.5	41.4	62.2

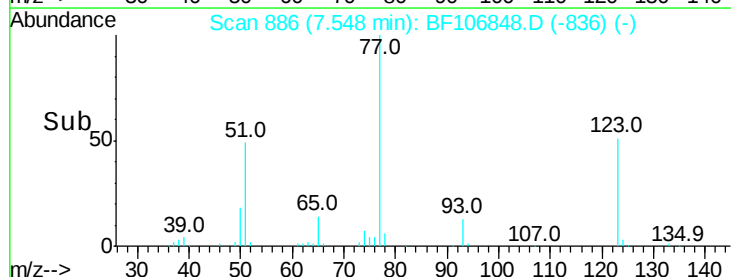
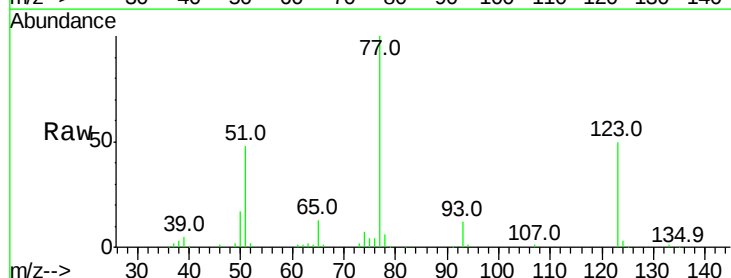
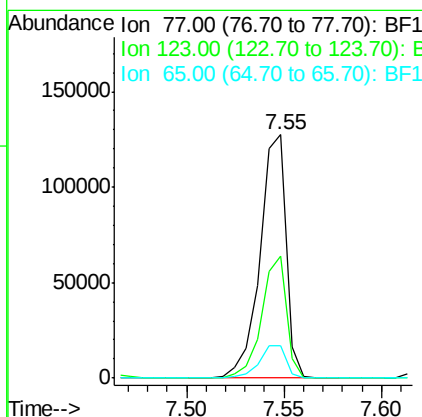
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#24
 Nitrobenzene
 Concen: 42.965 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.0	37.9	56.9
65	13.4	11.0	16.4





#25

Isophorone

Concen: 45.054 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Instrument :

BNA_F

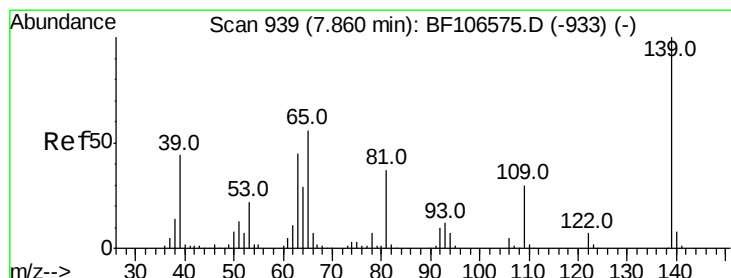
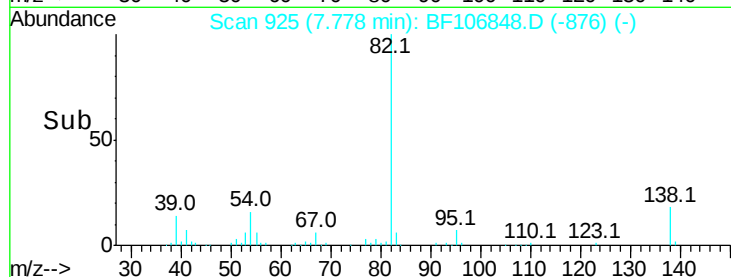
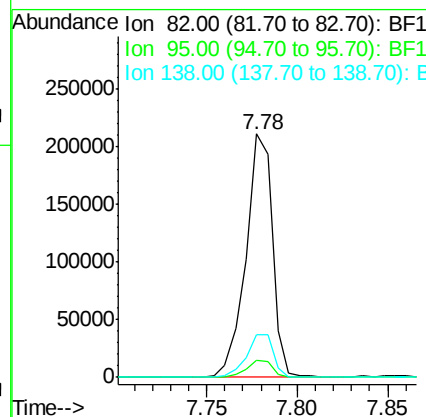
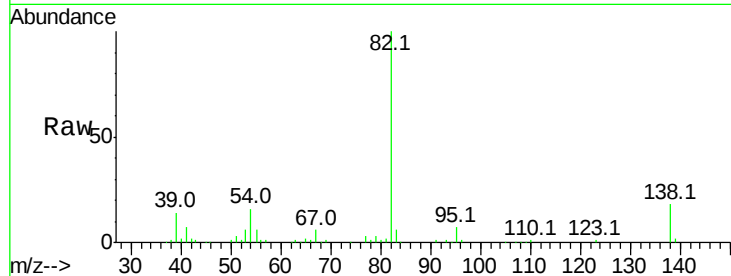
ClientSampleId :

PB110514BS

Tot Ion:	82	Resp:	215343
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	17.7	14.9	22.3

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#26

2-Nitrophenol

Concen: 37.229 ng

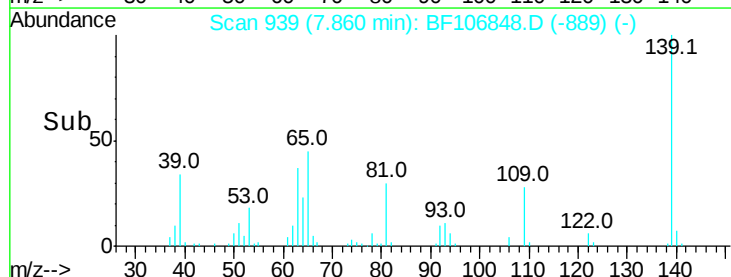
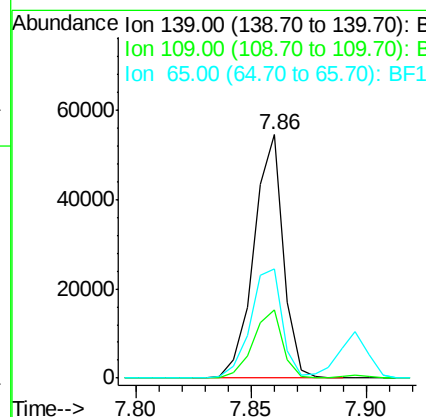
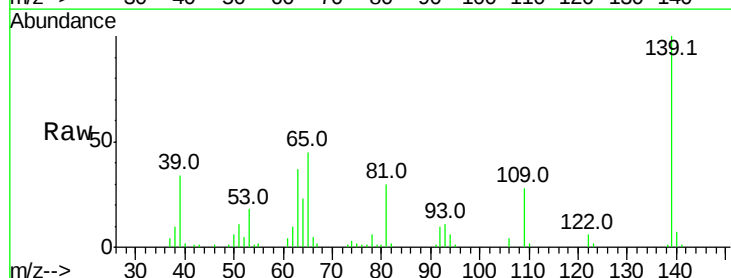
RT: 7.86 min Scan# 939

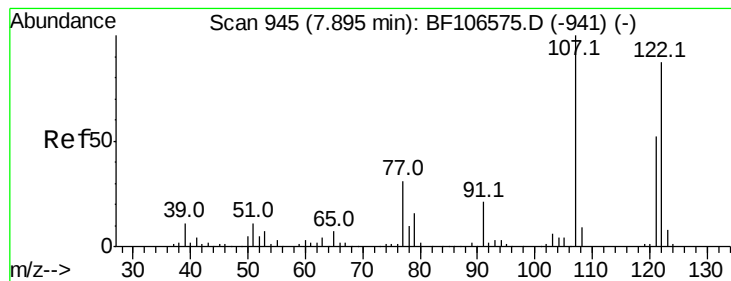
Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Tgt Ion:	139	Resp:	48669
Ion Ratio	Lower	Upper	
139	100		
109	27.9	22.7	34.1
65	45.1	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 49.221 ng

RT: 7.90 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Instrument :

BNA_F

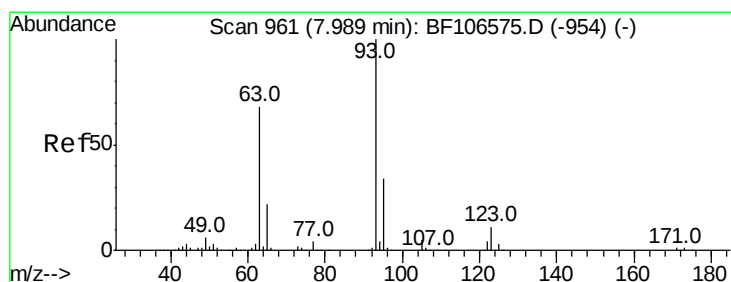
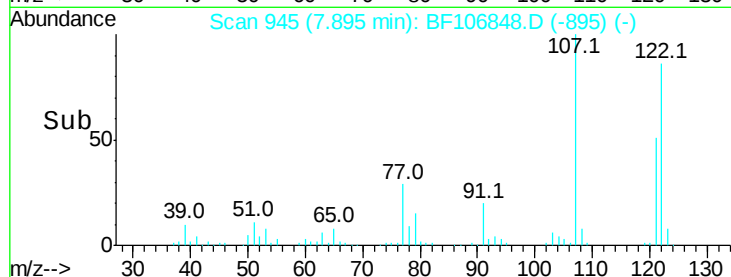
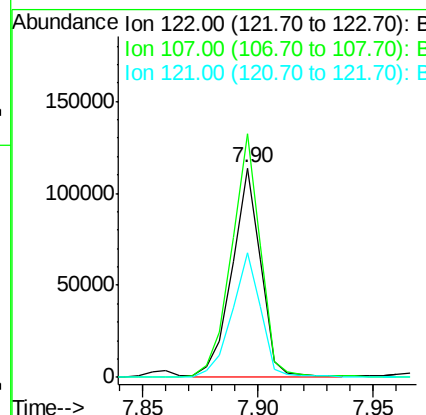
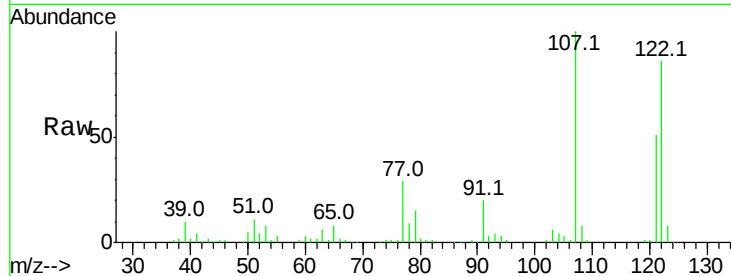
ClientSampleId :

PB110514BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.3	91.2	136.8
121	59.7	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 43.822 ng

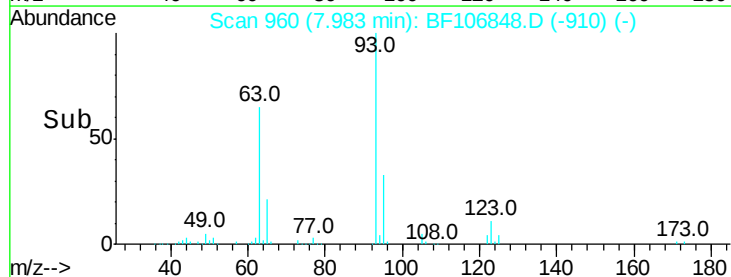
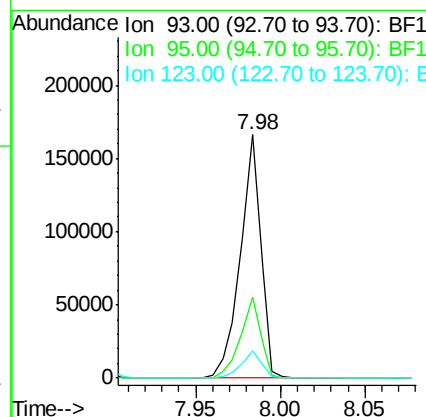
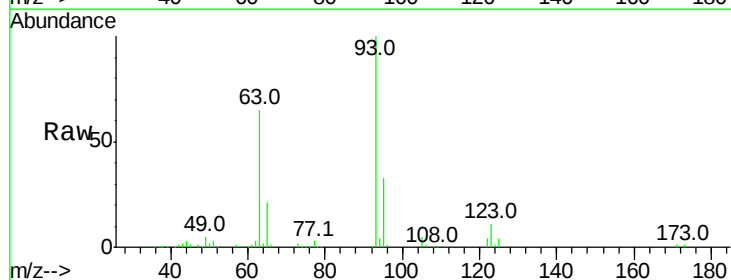
RT: 7.98 min Scan# 960

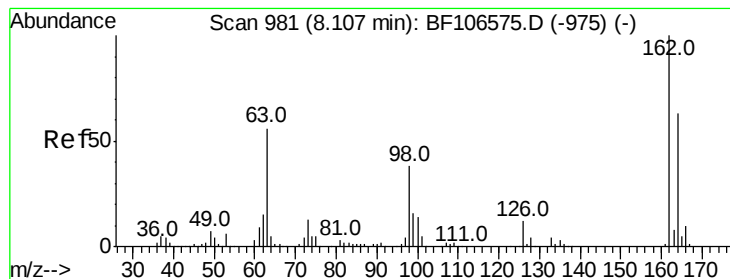
Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.3	39.5
123	11.1	9.8	14.6





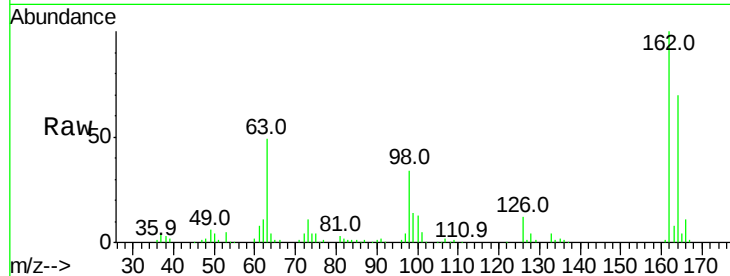
#29
 2,4-Dichlorophenol
 Concen: 44.182 ng
 RT: 8.11 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

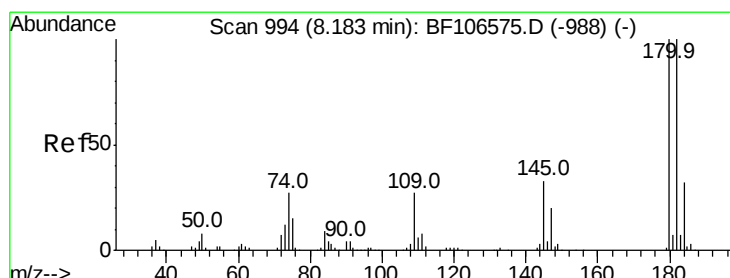
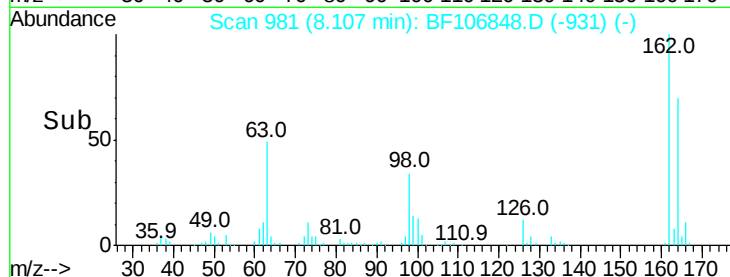
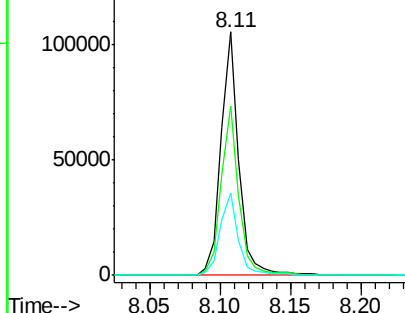
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	69.6	42.7	82.7
98	33.8	18.1	58.1

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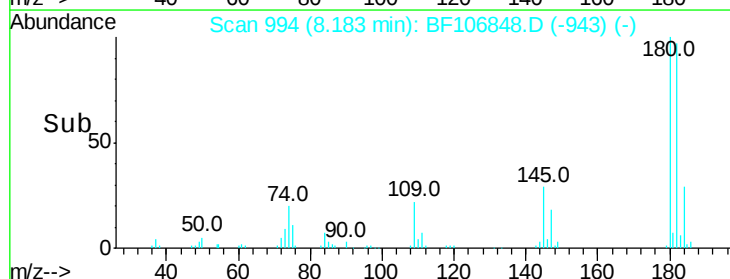
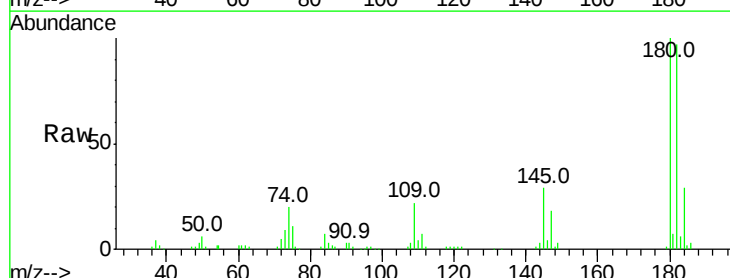
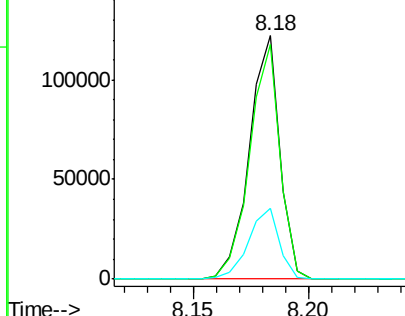
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 48.357 ng
 RT: 8.18 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.5	76.8	115.2
145	29.1	26.5	39.7

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.737 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Instrument :

BNA_F

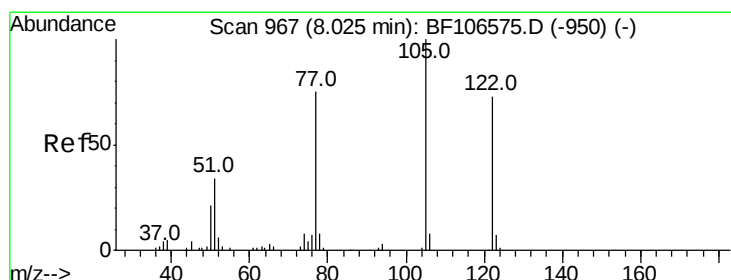
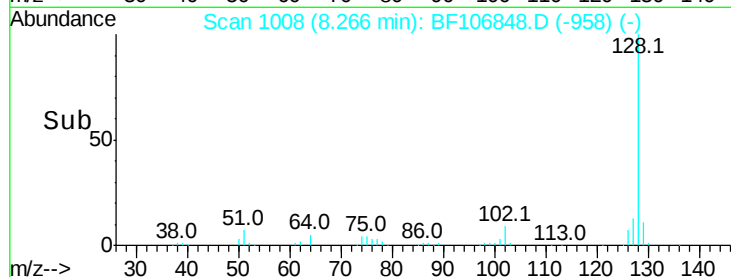
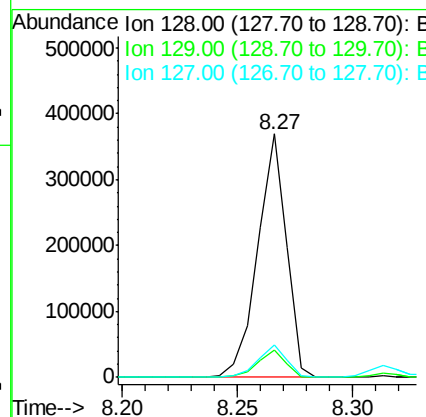
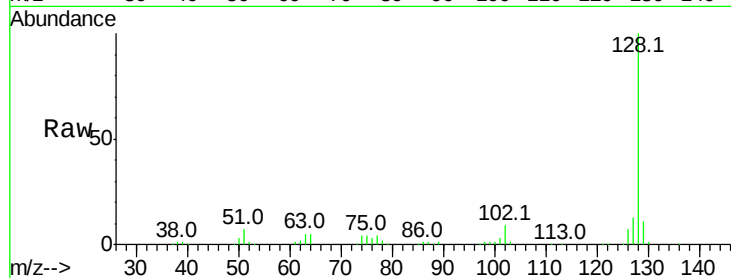
ClientSampleId :

PB110514BS

Tot Ion:	128	Resp:	322332
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	13.2	10.9	16.3

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#32

Benzoic acid

Concen: 18.707 ng m

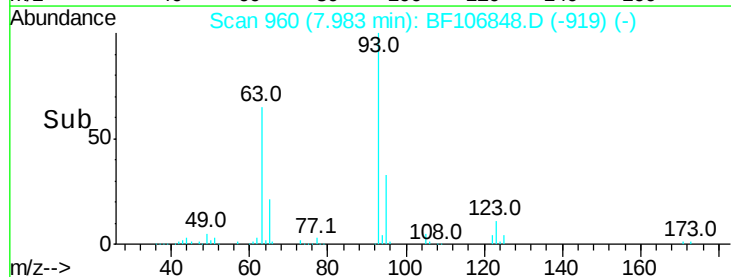
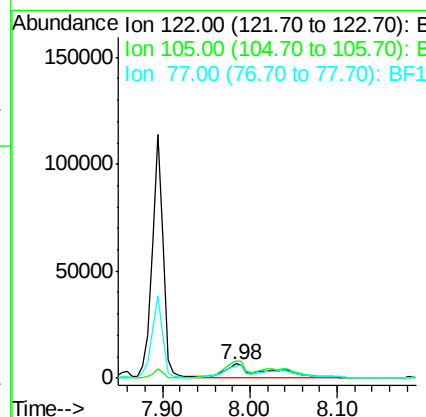
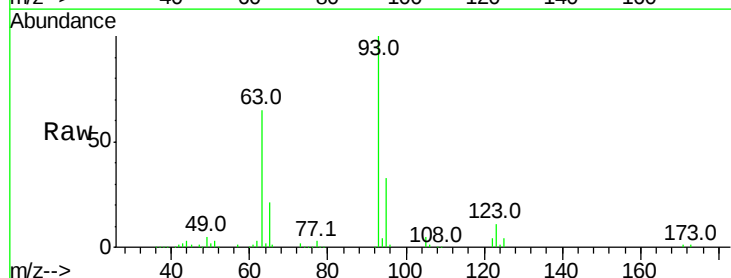
RT: 7.98 min Scan# 960

Delta R.T. -0.06 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Tgt Ion:	122	Resp:	21657
Ion Ratio	Lower	Upper	
122	100		
105	121.0	101.1	141.1
77	86.5	70.7	110.7





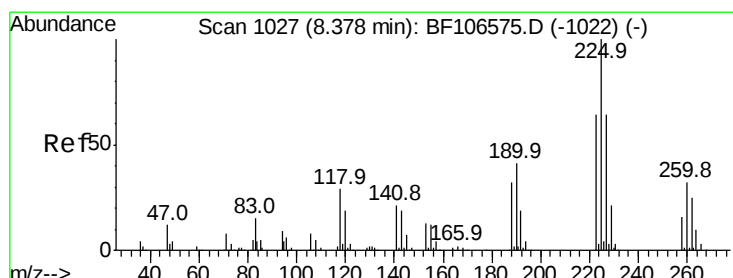
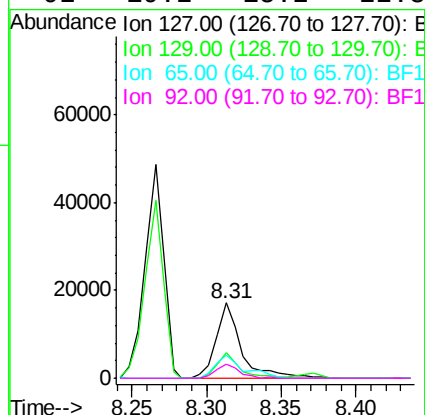
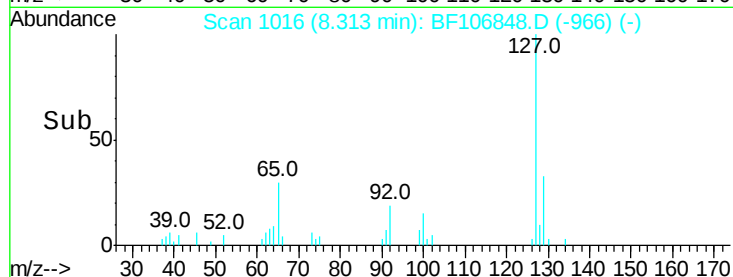
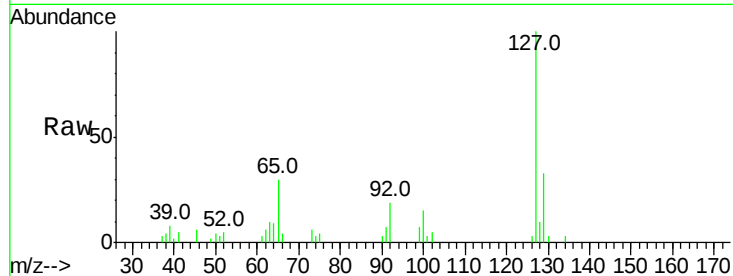
#33
4-Chloroaniline
Concen: 6.831 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB110514BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.9	38.9
65	29.9	25.0	37.4
92	19.2	15.2	22.8

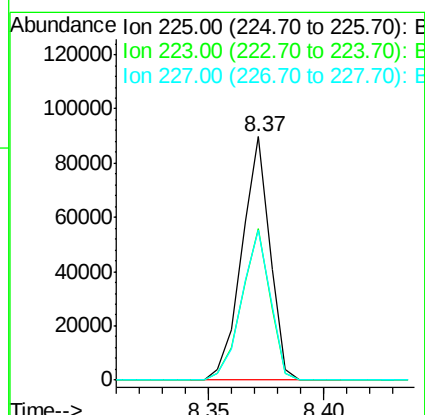
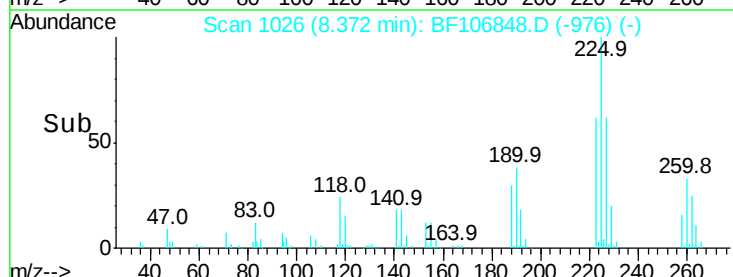
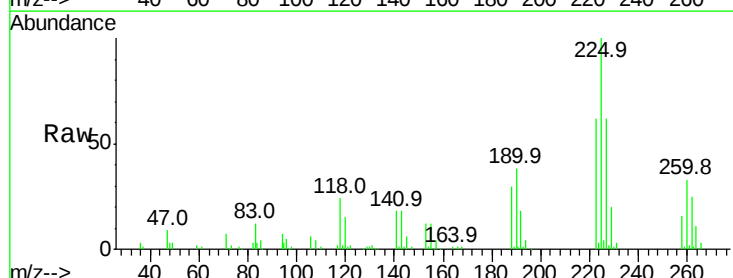
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#34
Hexachlorobutadiene
Concen: 50.328 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	76.0
227	61.8	51.9	77.9





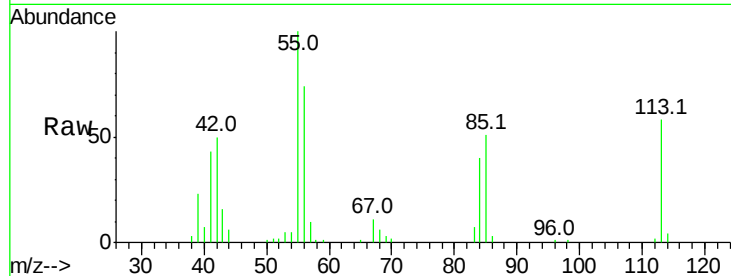
#35
 Caprolactam
 Concen: 37.757 ng/ml
 RT: 8.68 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Instrument :
 BNA_F
 ClientSampleID :
 PB110514BS

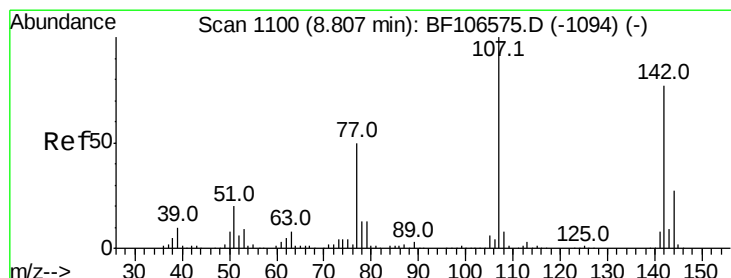
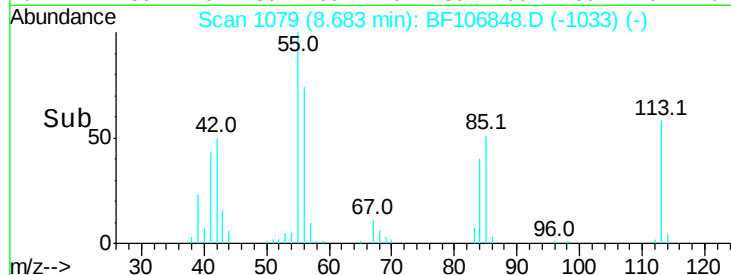
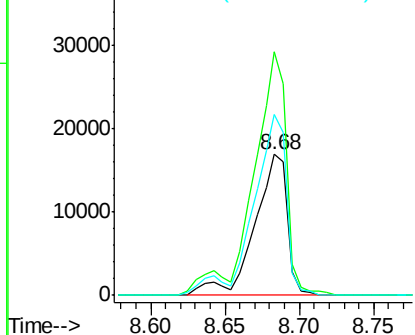
Tot Ion	Ratio	Lower	Upper
113	100		
55	172.8	163.3	203.3
56	128.5	115.7	155.7

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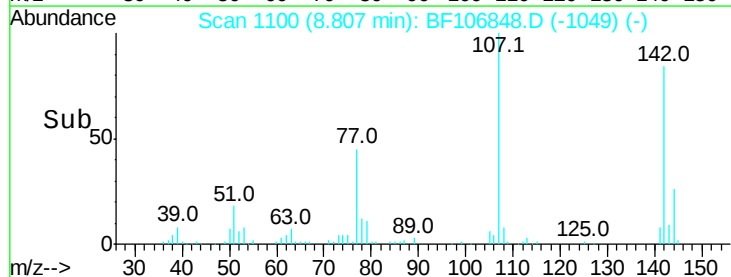
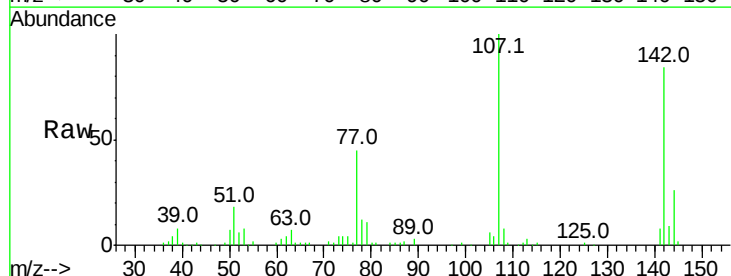
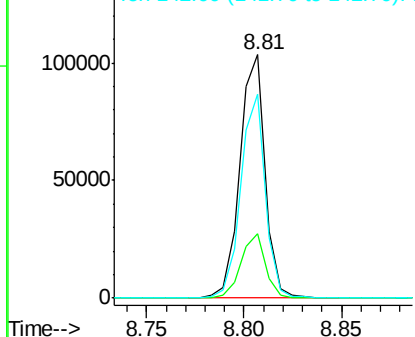
Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 41.619 ng/ml
 RT: 8.81 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	20.5	30.7
142	83.6	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





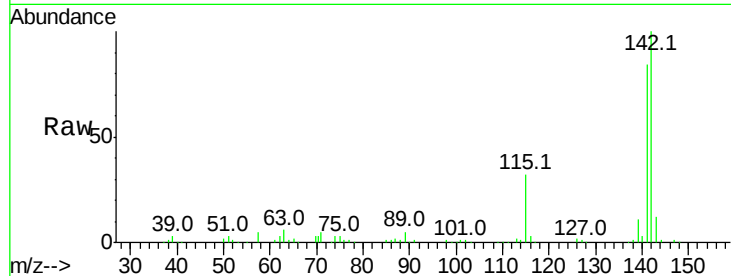
#37
2-Methylnaphthalene
Concen: 48.625 ng
RT: 8.95 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB110514BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.3	70.8	106.2
115	32.0	26.1	39.1

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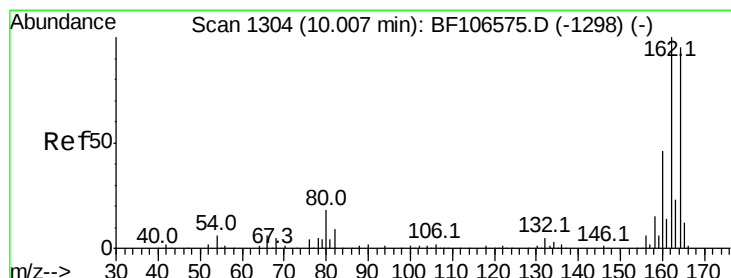
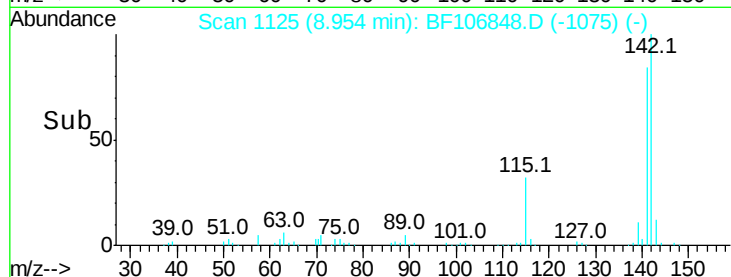
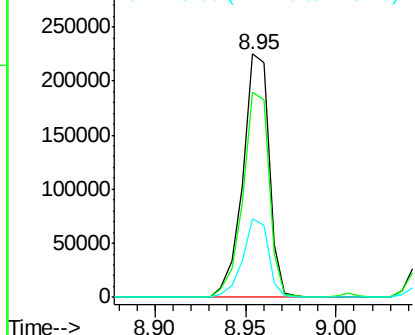


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

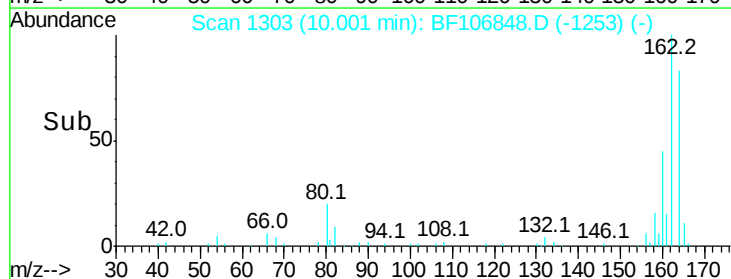
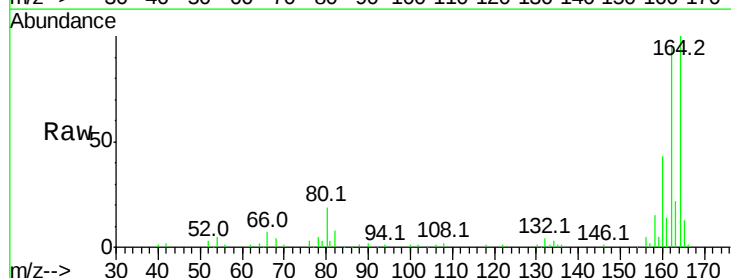
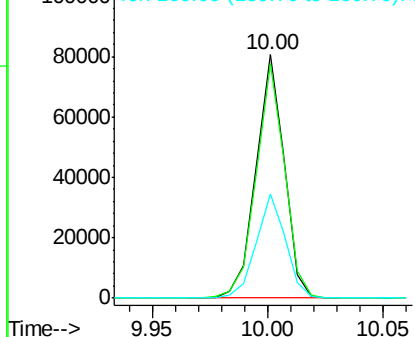
Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.3	86.1	129.1
160	42.7	38.3	57.5

Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





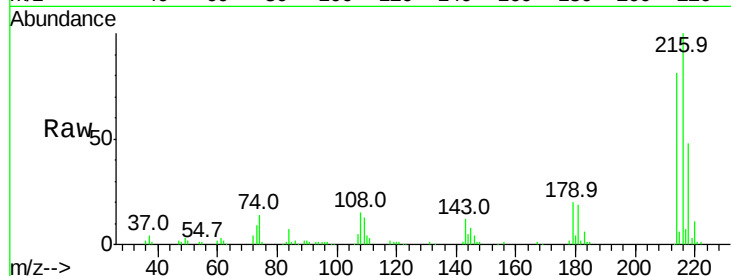
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.253 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

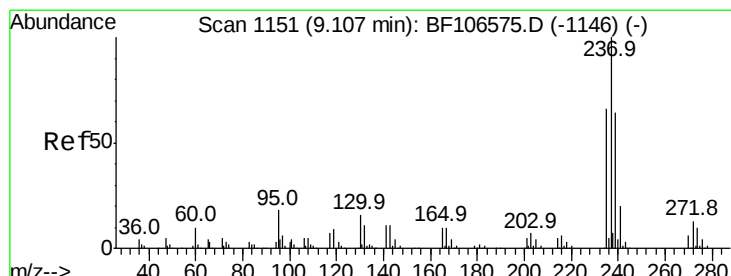
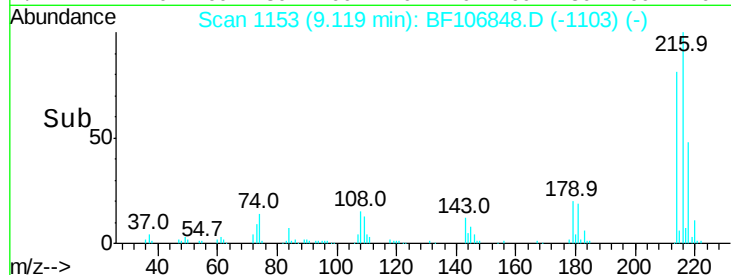
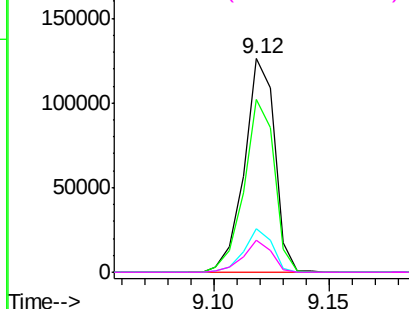
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.4	63.0	94.4
179	19.3	18.1	27.1
108	14.3	17.2	25.8

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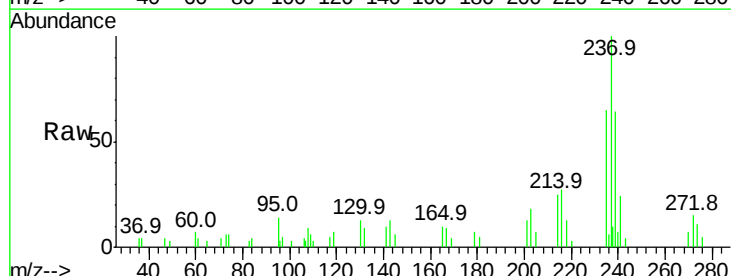


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

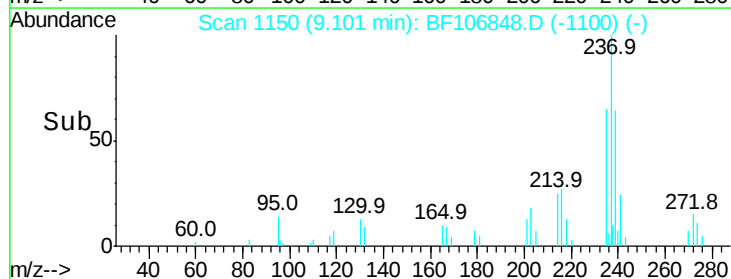
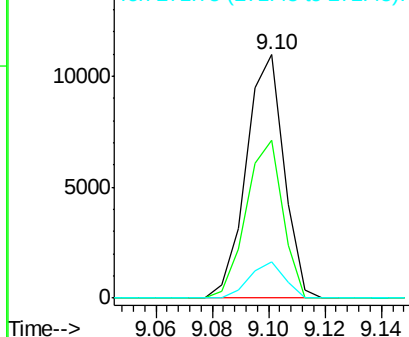


#40
 Hexachlorocyclopentadiene
 Concen: 8.530 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.7	44.8	84.8
272	14.6	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





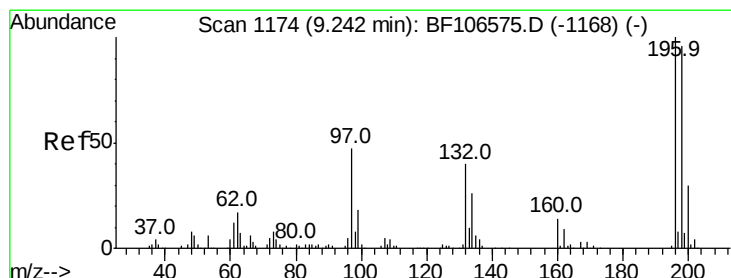
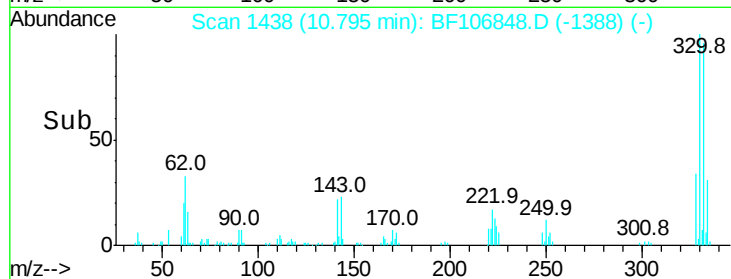
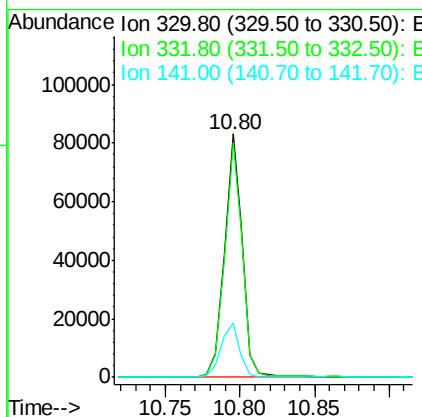
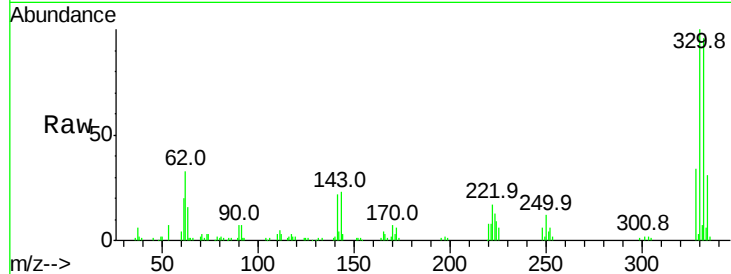
#41
 2,4,6-Tribromophenol
 Concen: 88.392 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	77.0	115.6	
141	23.1	29.9	44.9	

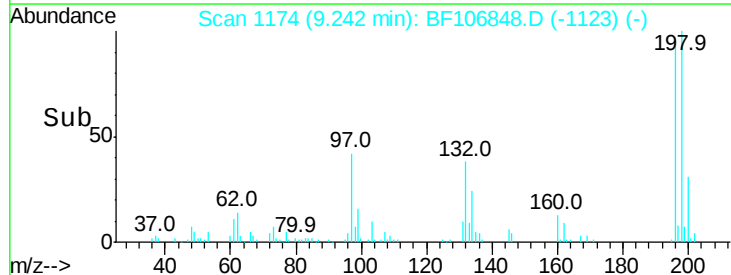
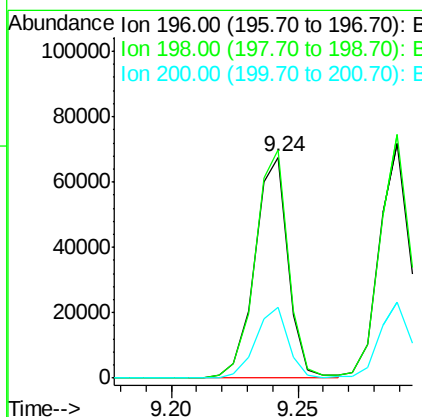
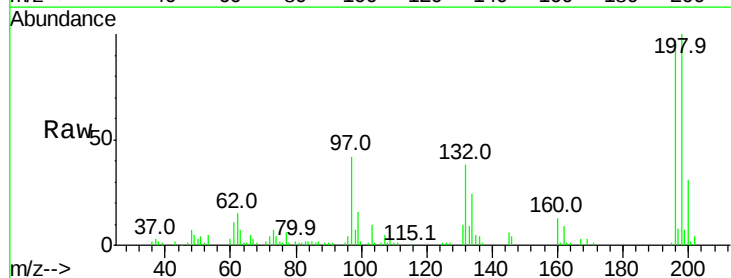
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#42
 2,4,6-Trichlorophenol
 Concen: 40.656 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	103.1	75.7	113.5	
200	32.1	24.5	36.7	





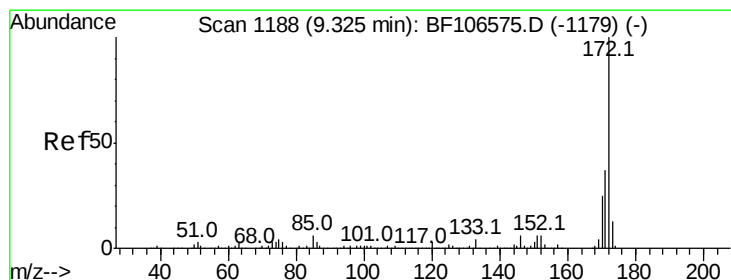
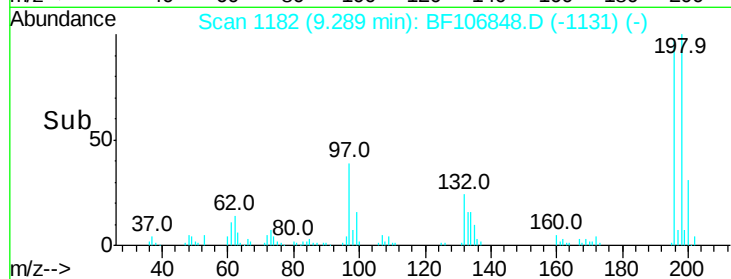
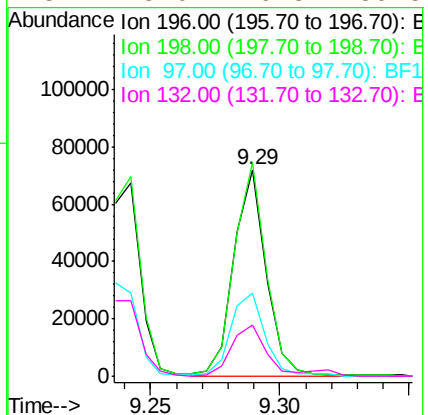
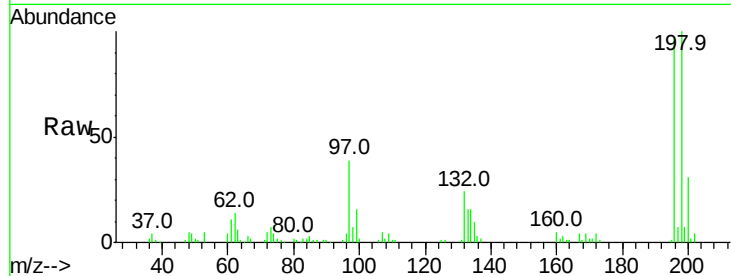
#43
 2,4,5-Trichlorophenol
 Concen: 39.292 ng m
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	63005		
198	103.6	74.6	112.0	
97	40.3	42.9	64.3	
132	25.0	26.3	39.5	

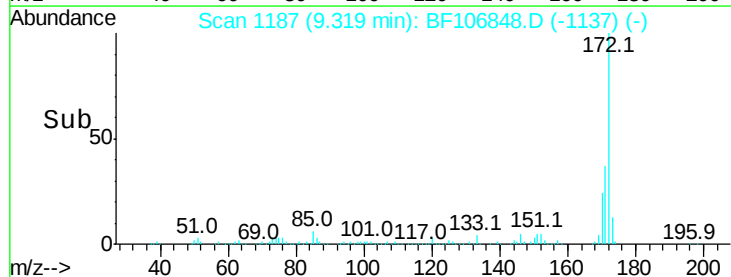
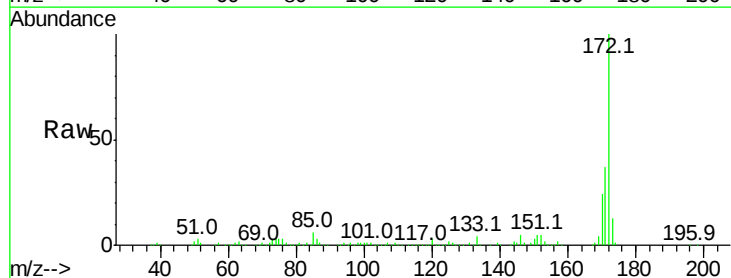
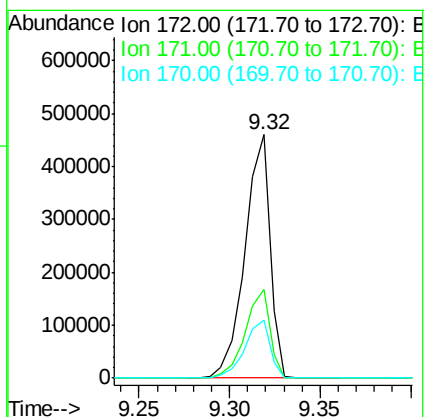
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#44
 2-Fluorobiphenyl
 Concen: 114.668 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	444171		
171	36.5	29.7	44.5	
170	24.0	19.6	29.4	





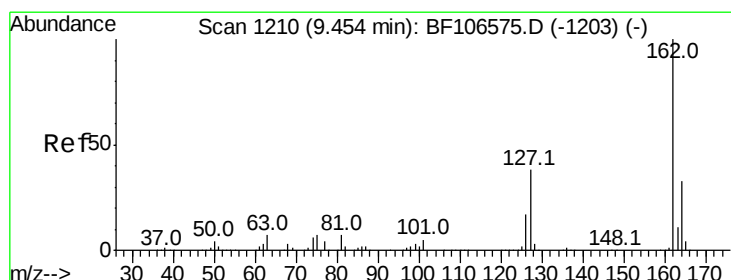
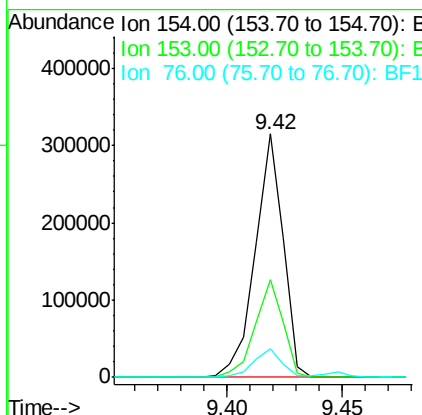
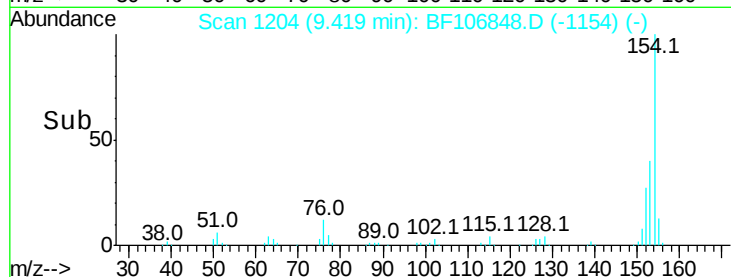
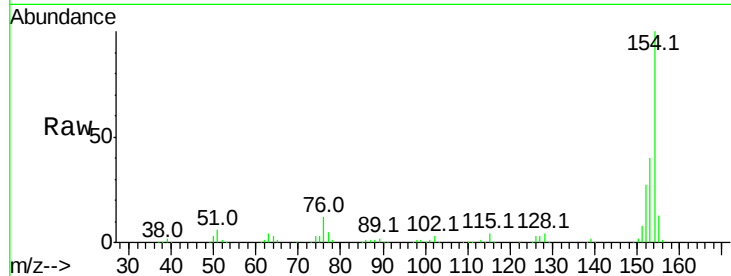
#45
 1,1'-Biphenyl
 Concen: 48.831 ng
 RT: 9.42 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

Tot Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.2	21.3	61.3
76	11.5	0.0	34.0

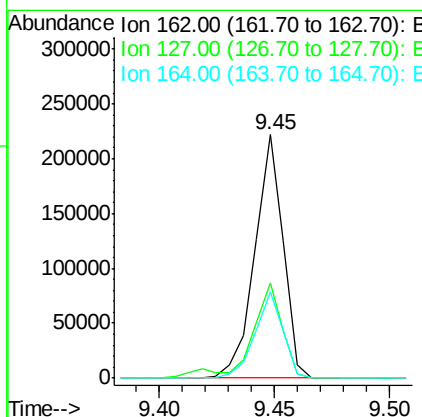
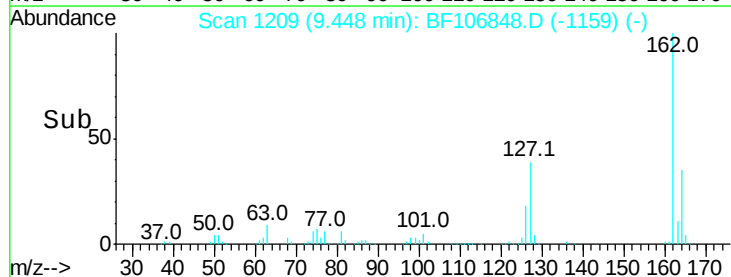
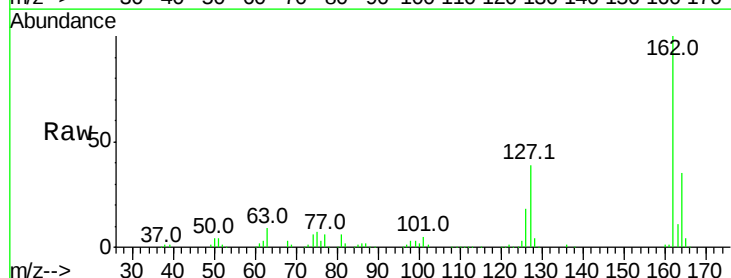
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#46
 2-Chloronaphthalene
 Concen: 44.173 ng
 RT: 9.45 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	39.0	33.9	50.9
164	35.5	26.5	39.7





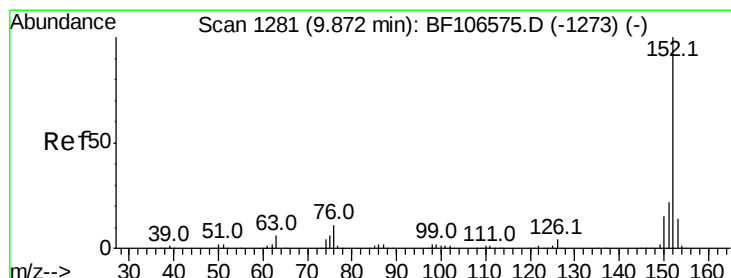
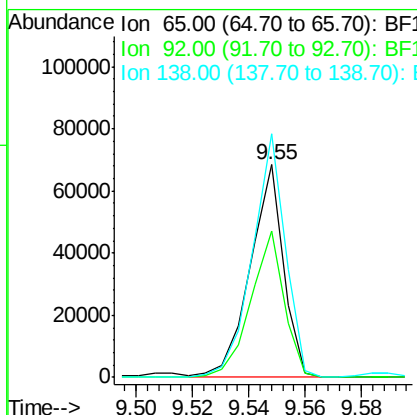
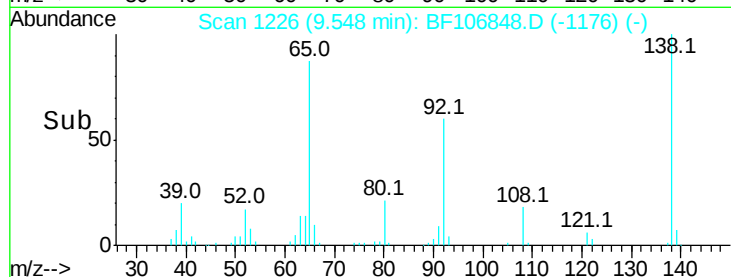
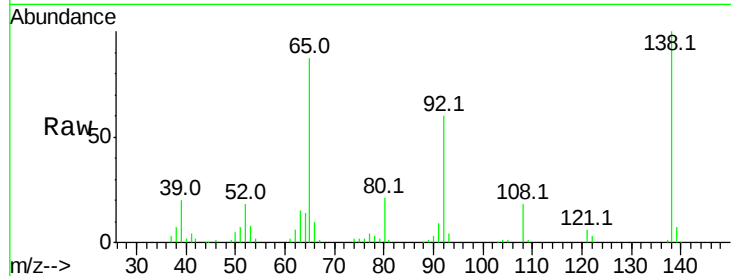
#47
 2-Nitroaniline
 Concen: 38.671 ng
 RT: 9.55 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

Tot Ion	Ion	Ratio	Lower	Upper
65	100			
92	68.9	55.8	83.6	
138	114.5	91.2	136.8	

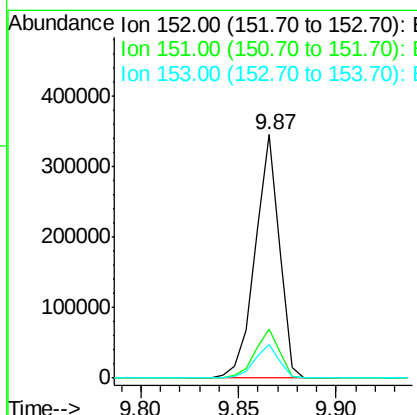
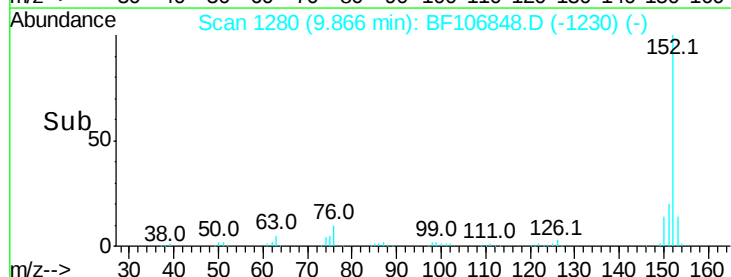
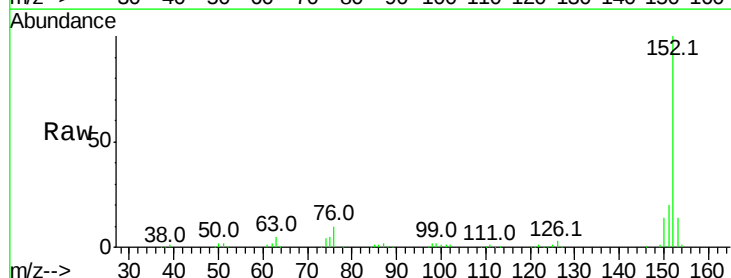
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#48
 Acenaphthylene
 Concen: 43.479 ng
 RT: 9.87 min Scan# 1280
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Tgt Ion	Ion	Ratio	Lower	Upper
152	100			
151	20.3	16.3	24.5	
153	13.9	10.7	16.1	





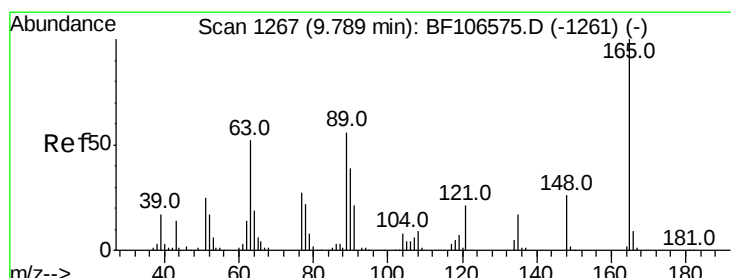
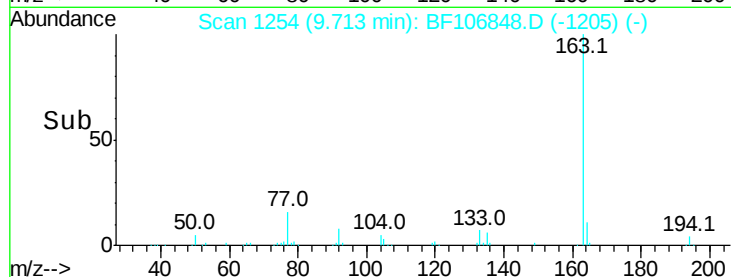
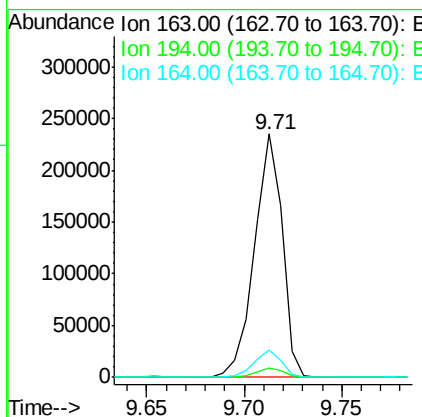
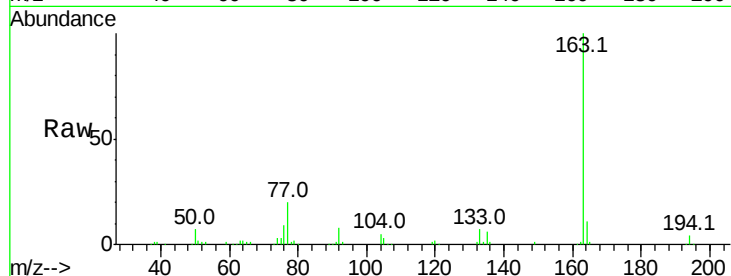
#49
Dimethylphthalate
Concen: 44.998 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB110514BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.7	4.1	
164	11.0	8.2	12.2	

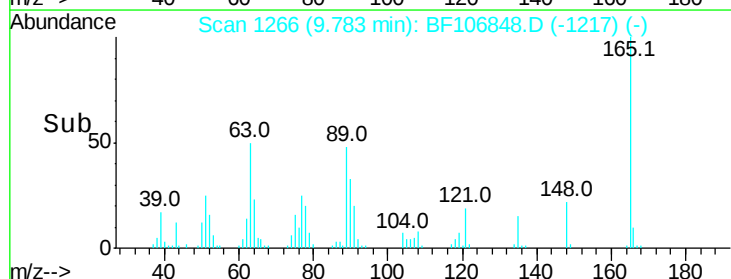
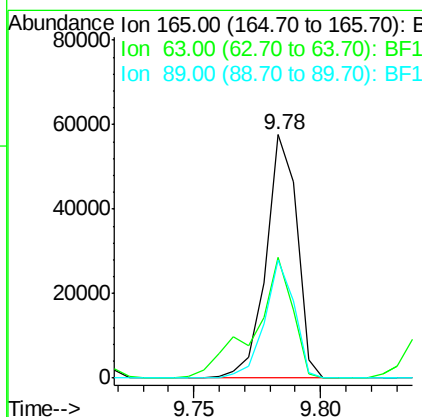
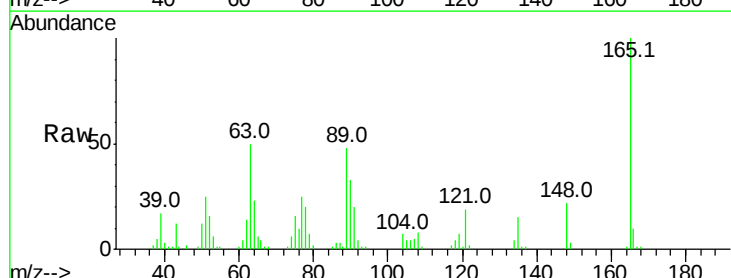
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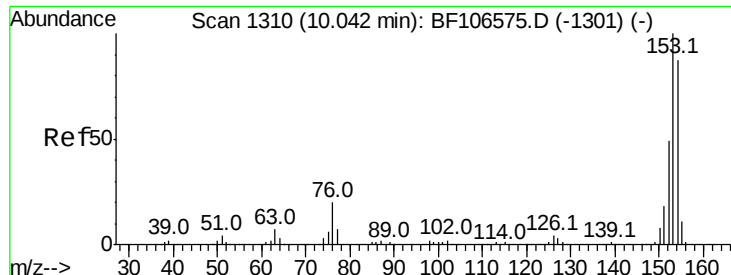
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#50
2,6-Dinitrotoluene
Concen: 44.646 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.8	44.7	67.1	
89	48.3	44.0	66.0	





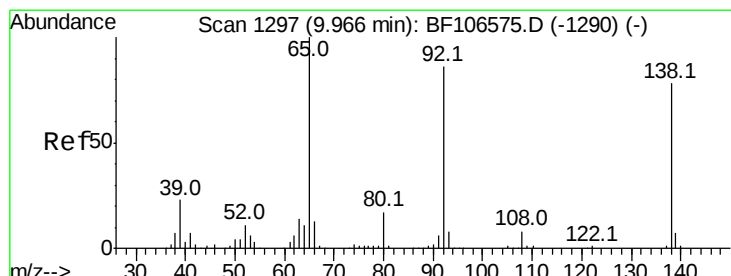
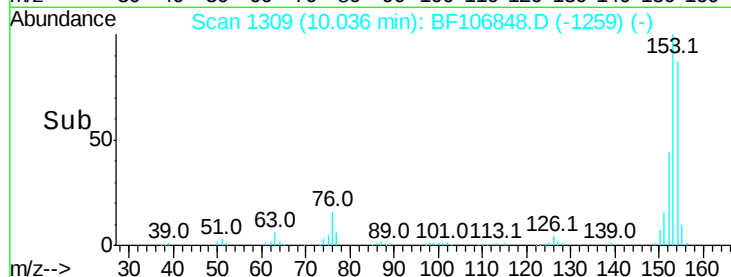
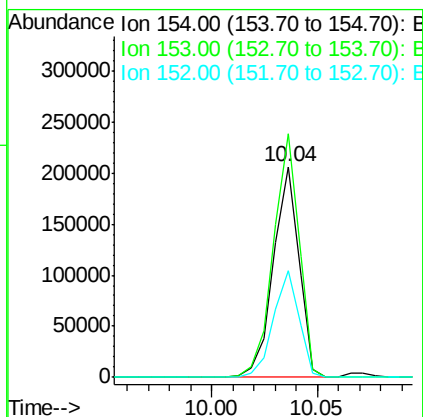
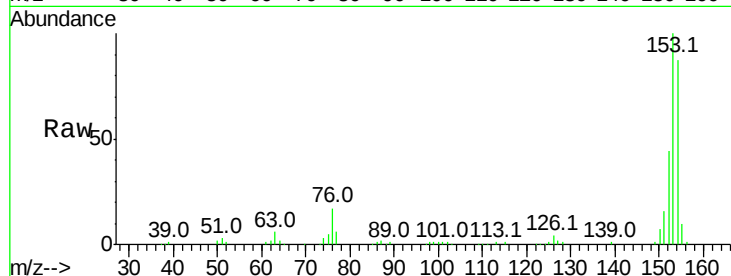
#51
Acenaphthene
Concen: 40.938 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB110514BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.6	91.2	136.8
152	50.9	43.8	65.8

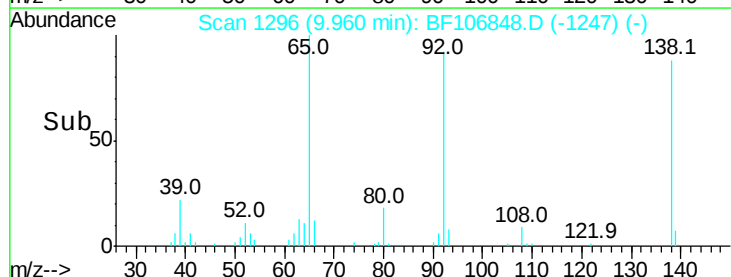
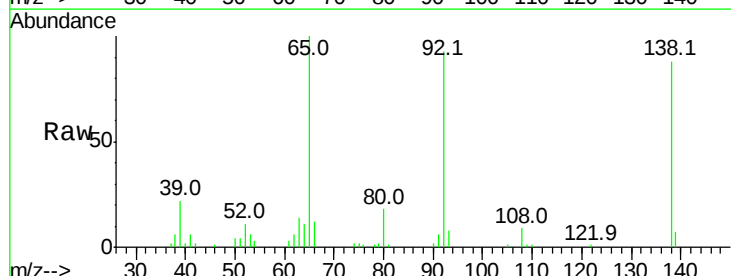
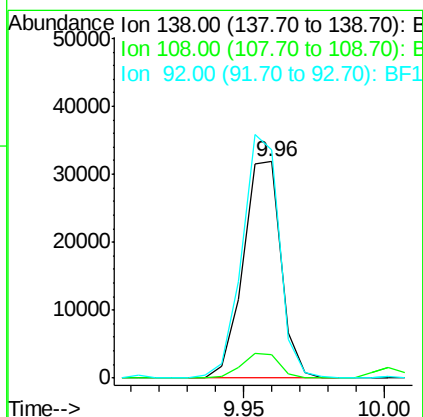
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#52
3-Nitroaniline
Concen: 23.721 ng
RT: 9.96 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.4	14.0
92	105.4	89.4	134.2





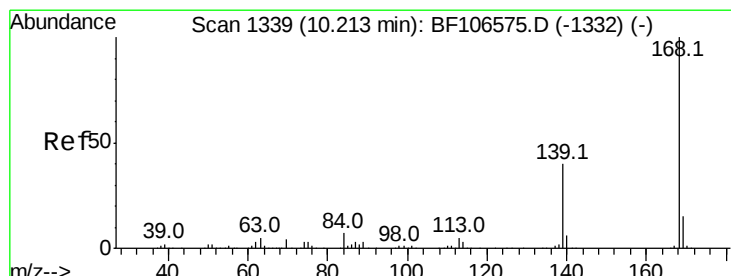
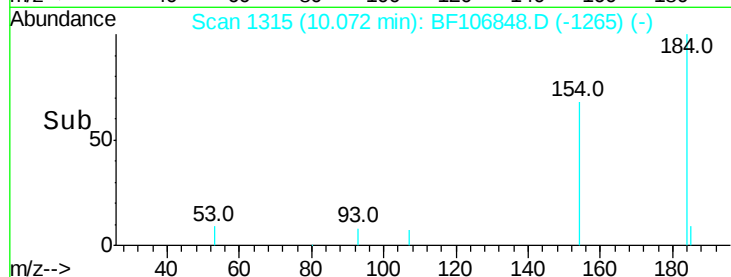
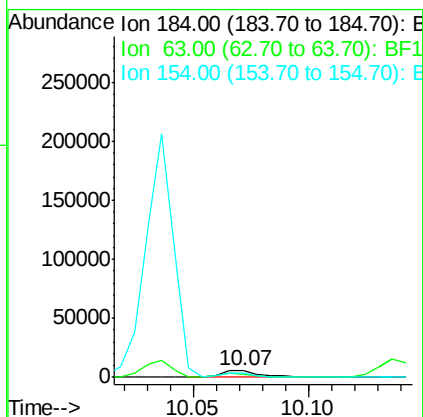
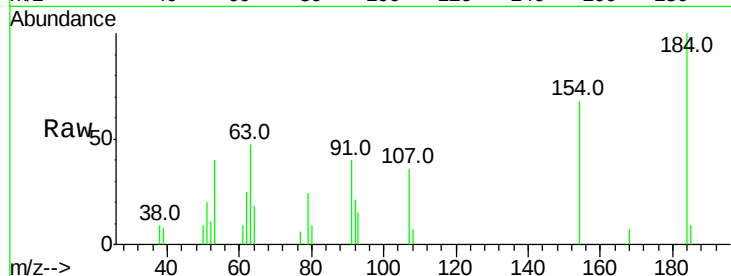
#53
 2,4-Dinitrophenol
 Concen: 16.242 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Instrument :
 BNA_F
 ClientSampleID :
 PB110514BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	47.3	54.2	81.2#
154	68.3	184.0	276.0#

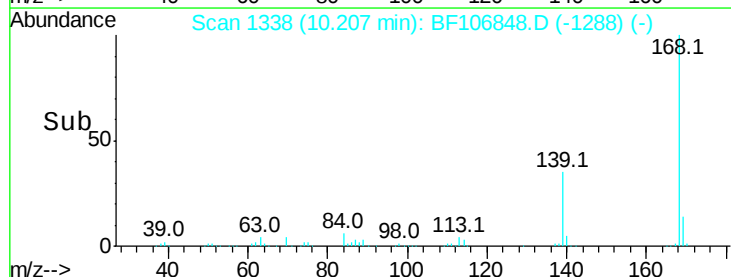
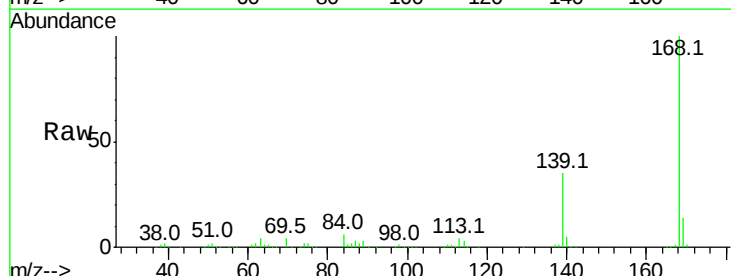
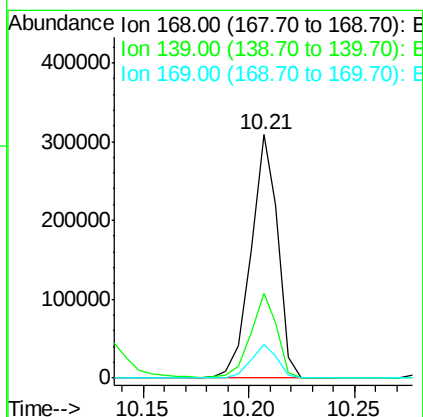
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#54
 Dibenzofuran
 Concen: 46.289 ng
 RT: 10.21 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.0	30.1	45.1
169	13.6	10.9	16.3





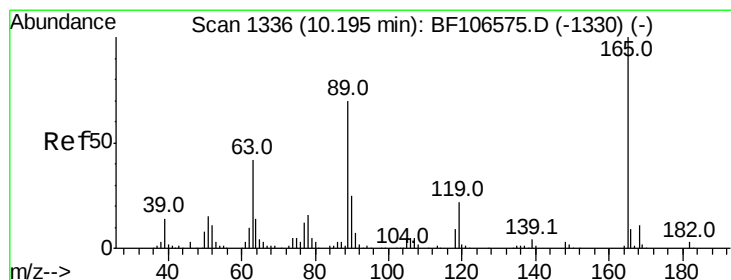
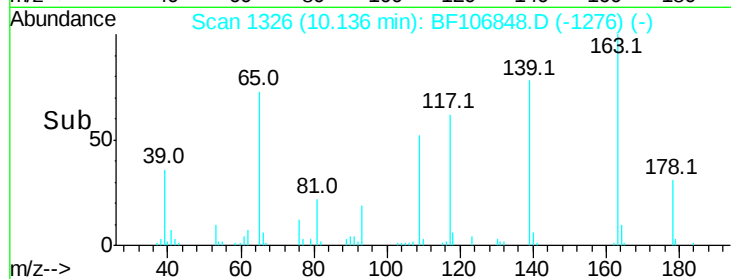
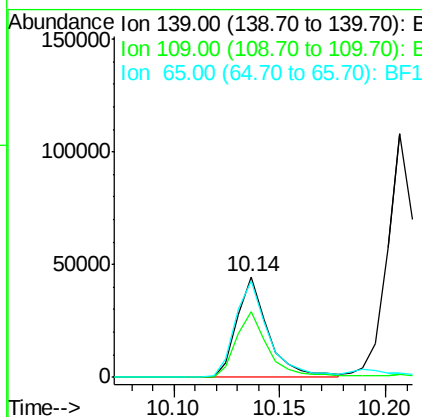
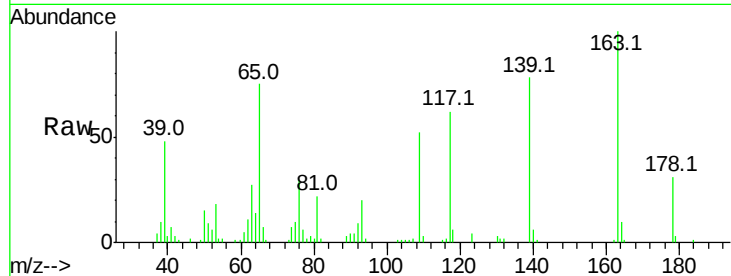
#55
4-Nitrophenol
Concen: 52.448 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB110514BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	45929		
109	66.0	48.4	88.4	
65	96.2	72.6	112.6	

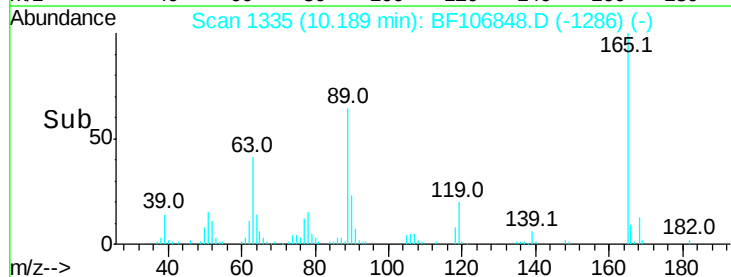
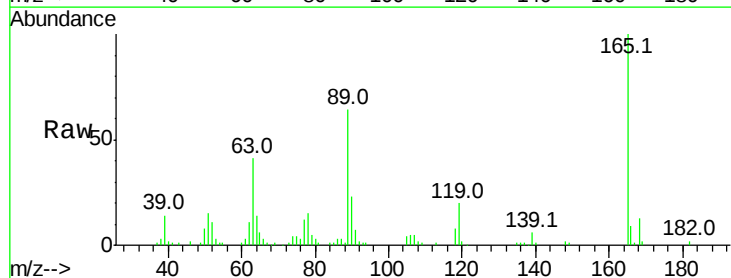
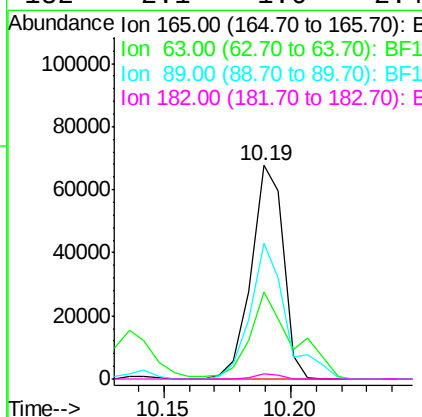
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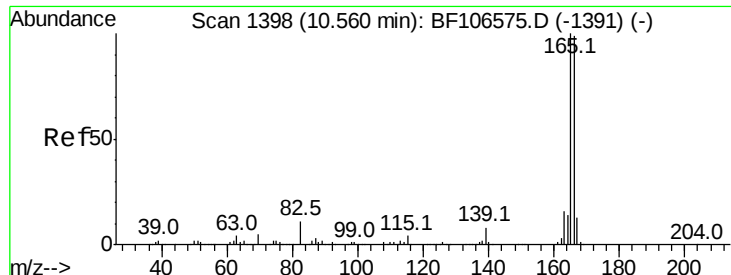
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#56
2,4-Dinitrotoluene
Concen: 42.039 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	59824		
63	40.6	36.4	54.6	
89	63.6	57.8	86.6	
182	2.1	1.6	2.4	





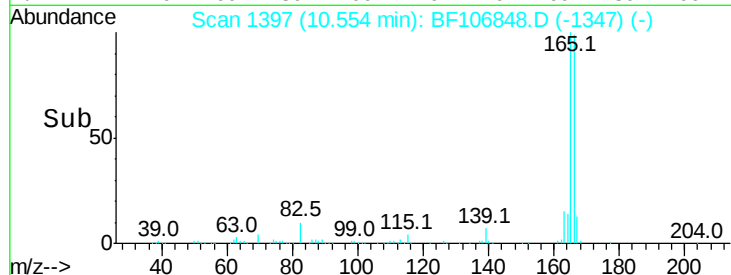
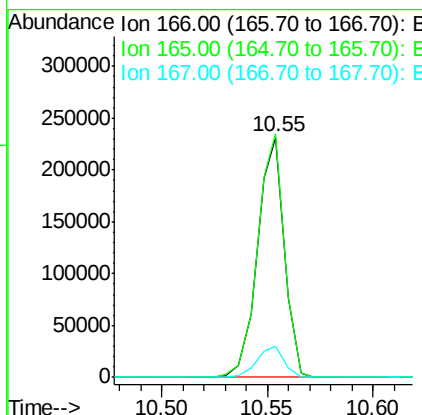
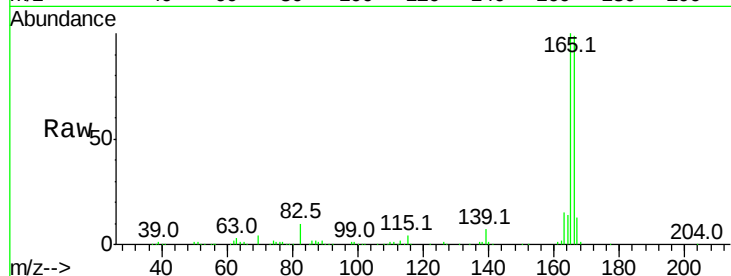
#57
 Fluorene
 Concen: 43.983 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.4	79.8	119.8	
167	13.0	10.6	16.0	

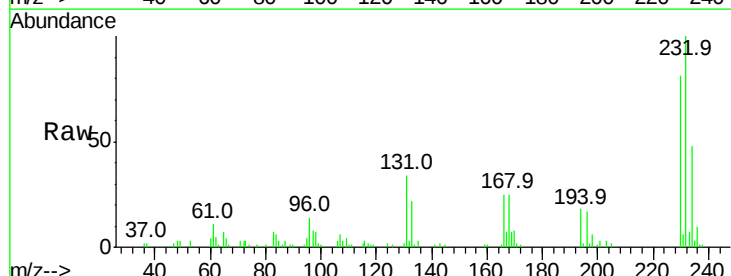
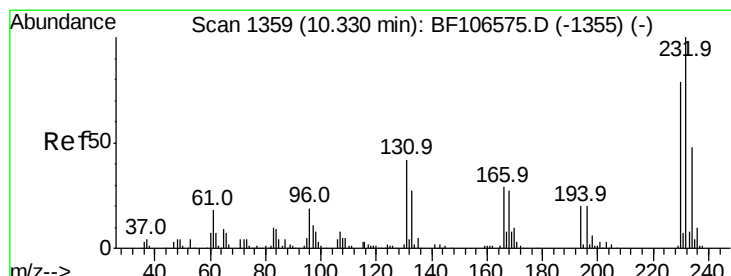
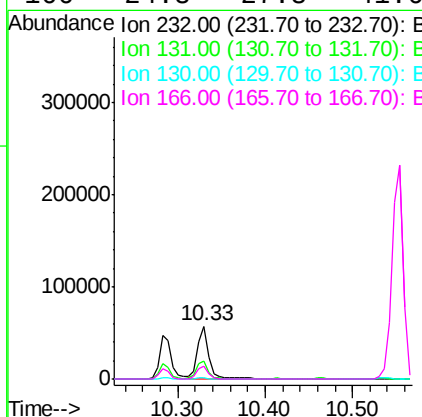
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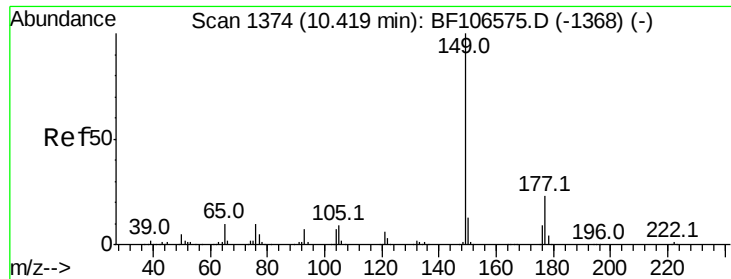
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.667 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	34.6	43.8	65.8#	
130	1.1	2.1	3.1#	
166	24.8	27.8	41.6#	





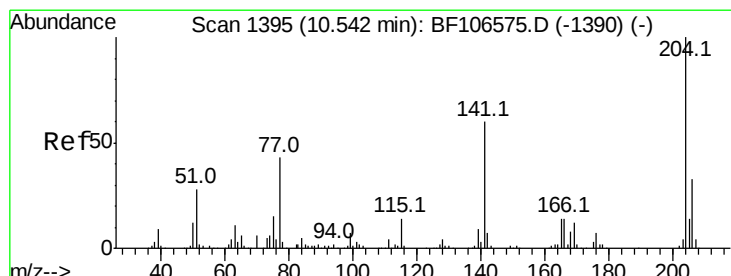
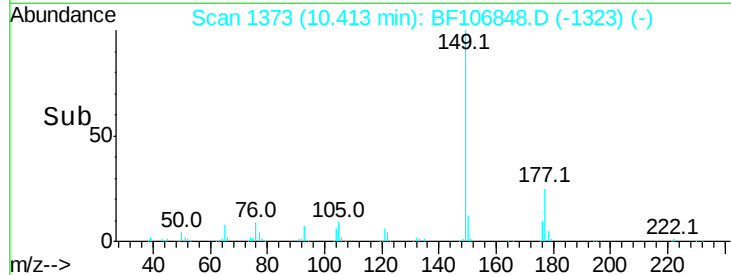
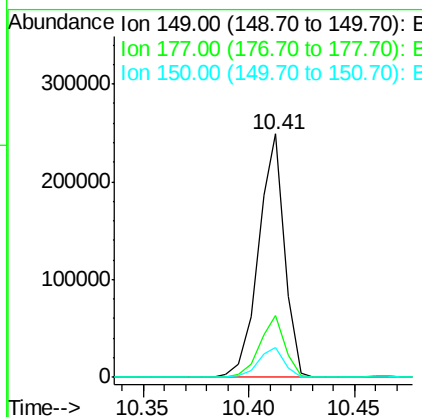
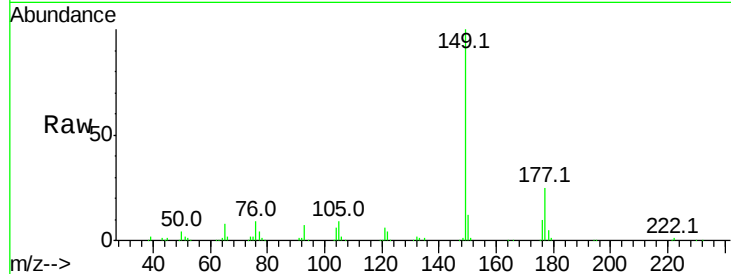
#59
 Diethylphthalate
 Concen: 42.781 ng
 RT: 10.41 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

Tot Ion:	149	Resp:	212590
Ion Ratio	Lower	Upper	
149	100		
177	25.4	16.1	24.1#
150	12.3	10.1	15.1

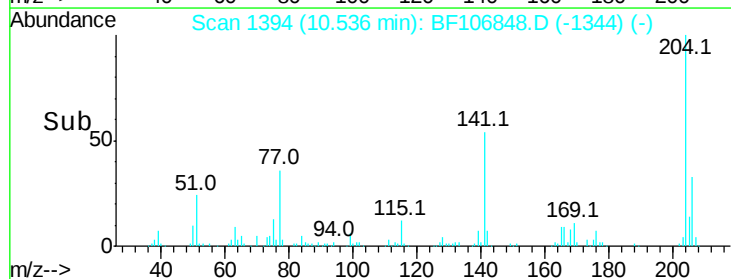
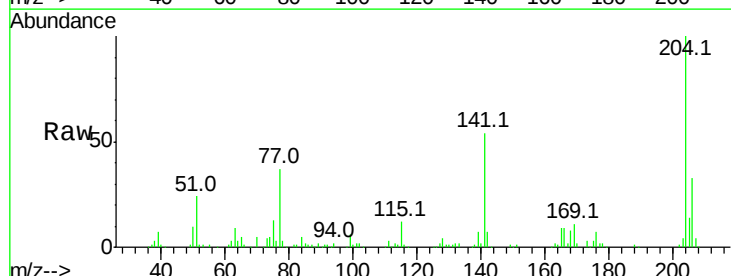
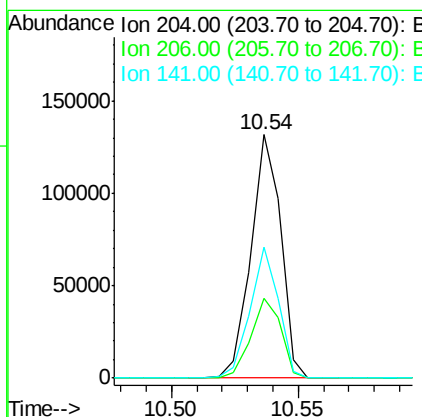
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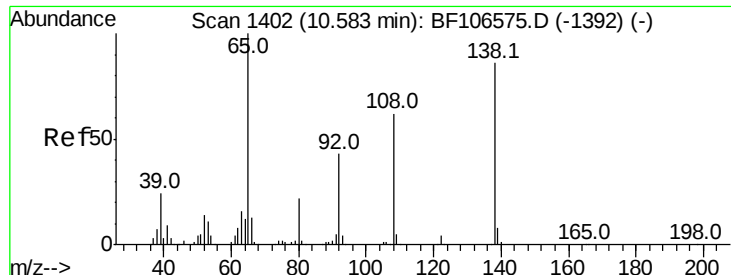
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#60
 4-Chlorophenyl-phenylether
 Concen: 44.464 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Tgt Ion:	204	Resp:	108228
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.5	39.7
141	53.7	54.6	81.8#





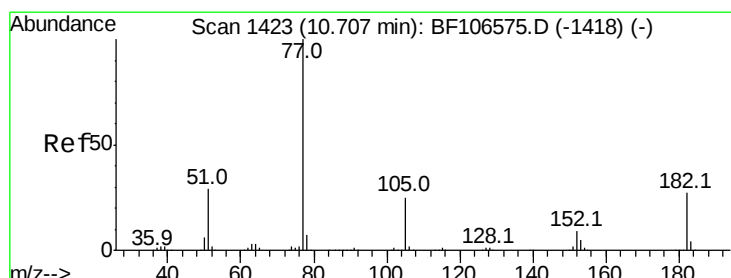
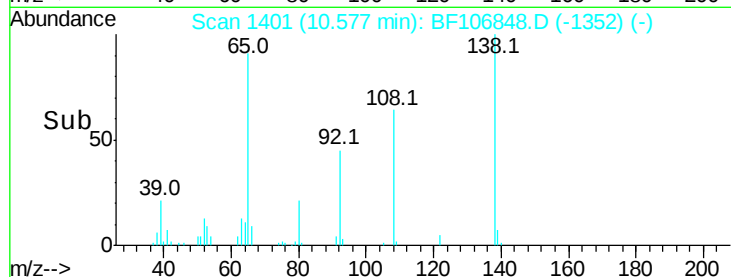
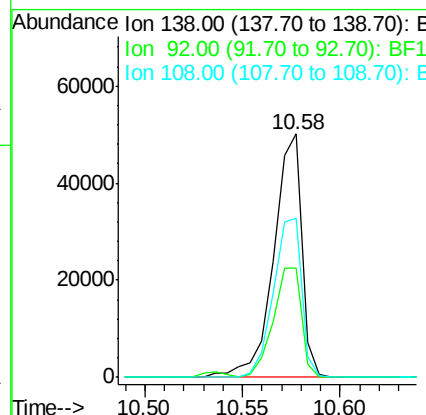
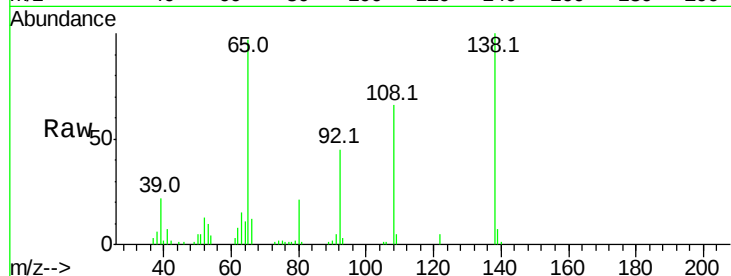
#61
4-Nitroaniline
Concen: 40.149 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB110514BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.6	30.2	70.2
108	65.5	52.5	92.5

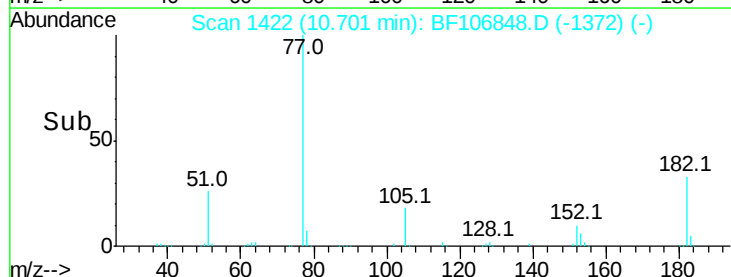
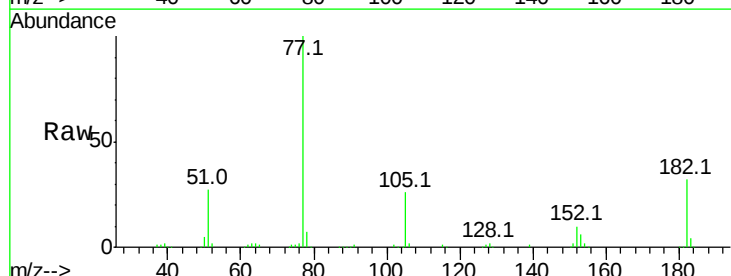
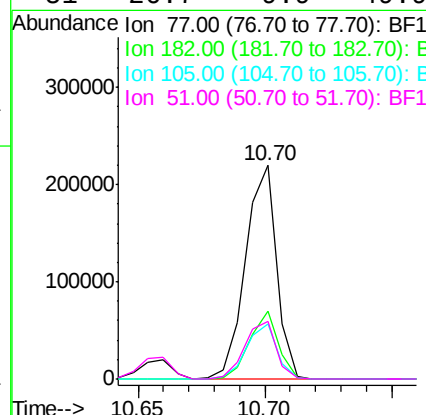
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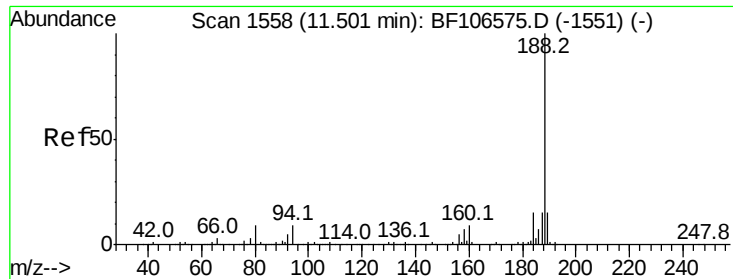
Sohil
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#62
Azobenzene
Concen: 38.310 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.6	1.7	41.7
105	25.7	3.0	43.0
51	26.7	9.9	49.9





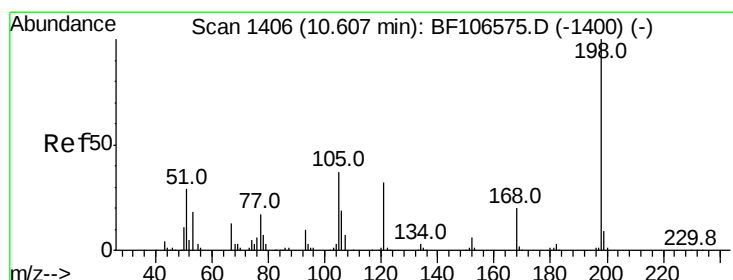
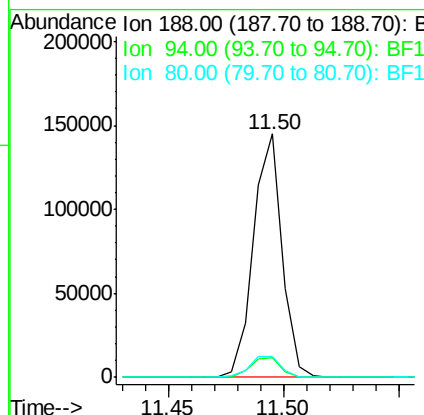
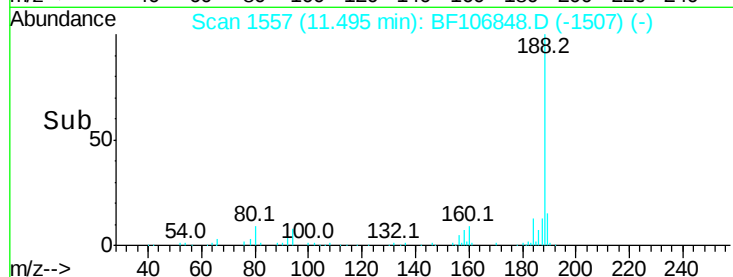
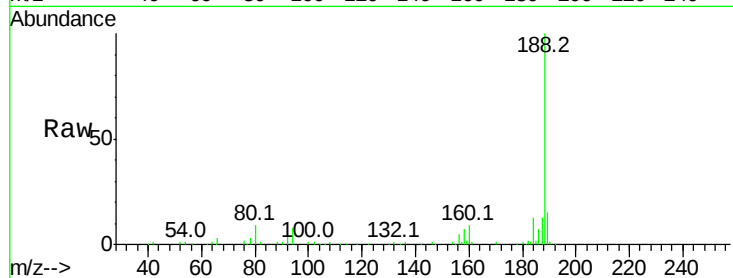
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB110514BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.2	8.5	12.7#
80	8.5	9.2	13.8#

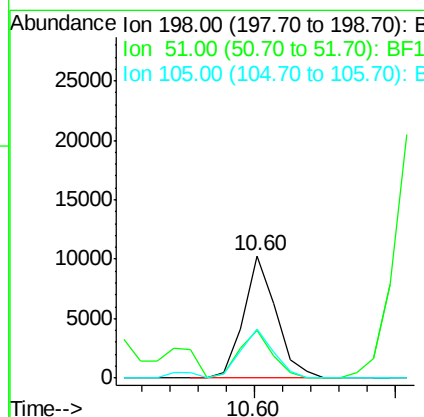
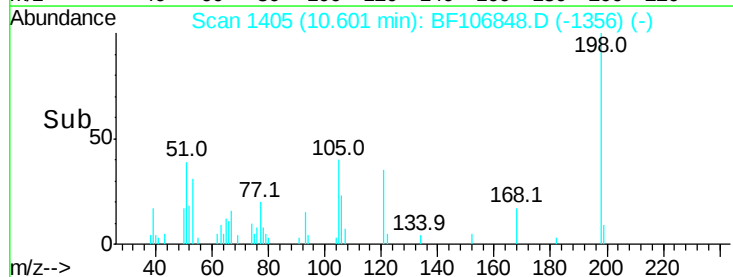
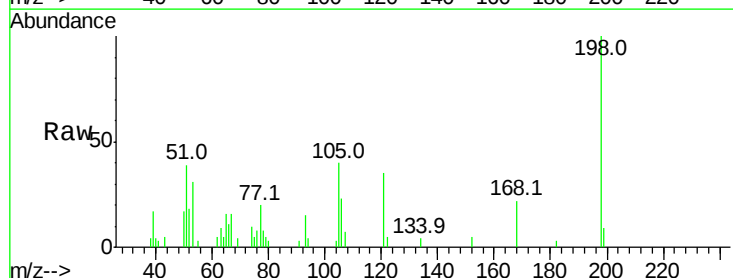
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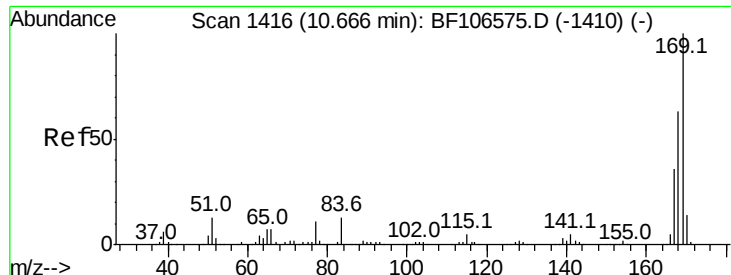
Sohil
6/27/2018 2:14:39 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 10.663 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	38.7	37.7	77.7
105	40.1	36.3	76.3





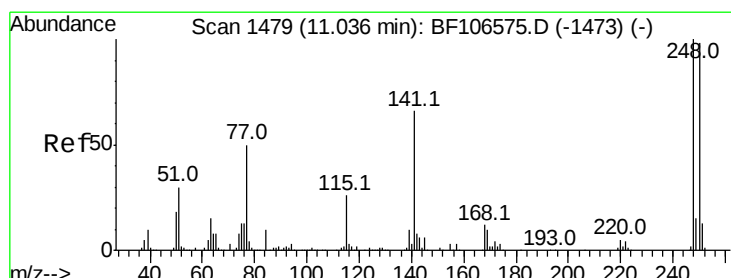
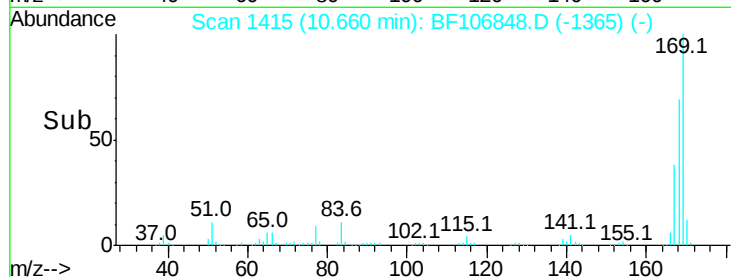
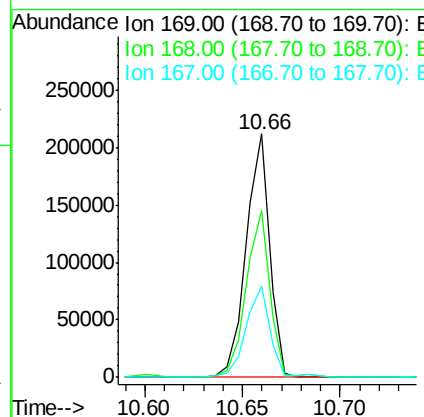
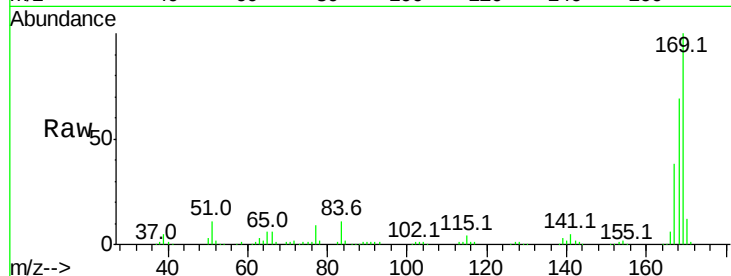
#65
n-Nitrosodiphenylamine
Concen: 42.105 ng
RT: 10.66 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB110514BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	177500		
168	68.6	54.4	81.6	
167	37.6	29.8	44.6	

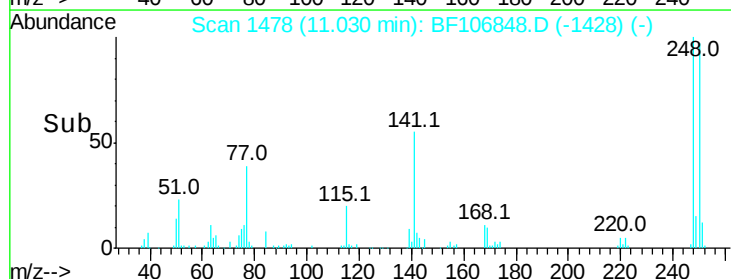
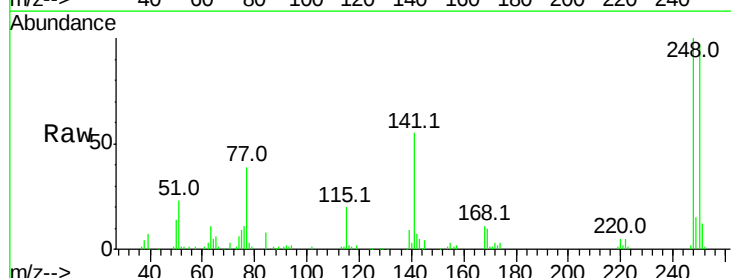
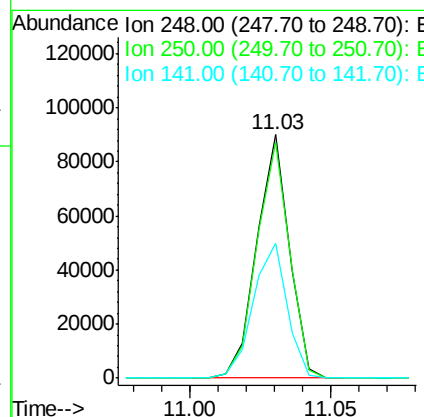
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#66
4-Bromophenyl-phenylether
Concen: 48.080 ng
RT: 11.03 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	71917		
250	96.9	76.9	115.3	
141	55.4	74.4	111.6	





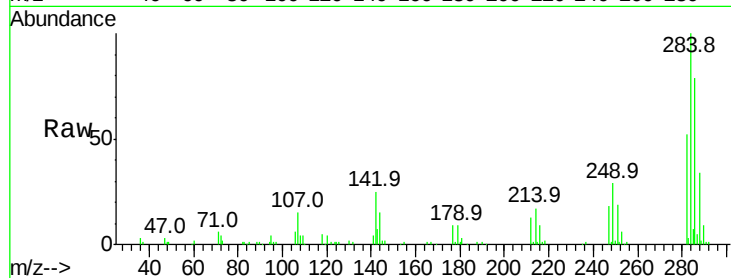
#67
Hexachlorobenzene
Concen: 47.468 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB110514BS

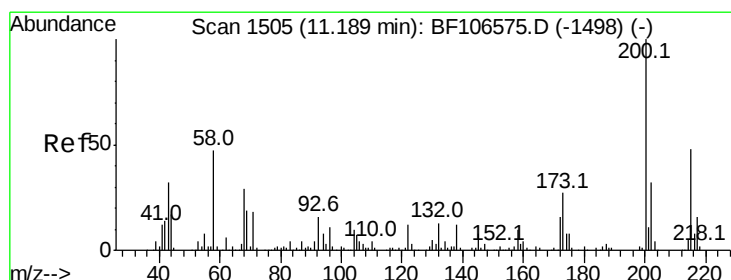
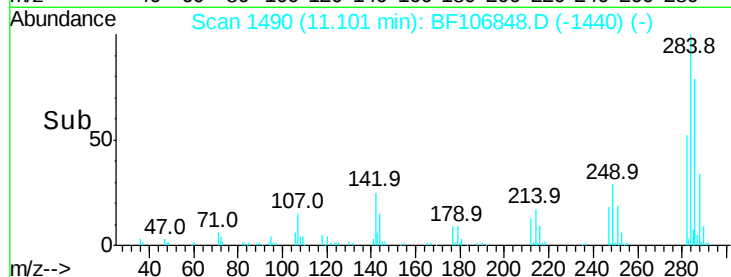
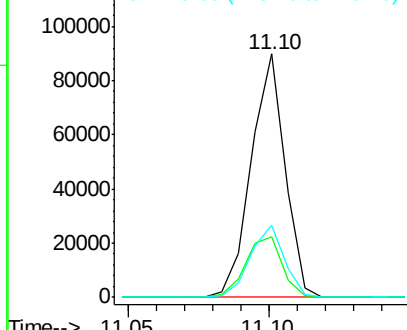
Tot Ion	Ratio	Resp	Lower	Upper
284	100	74313		
142	24.9	34.6	52.0	
249	29.4	24.8	37.2	

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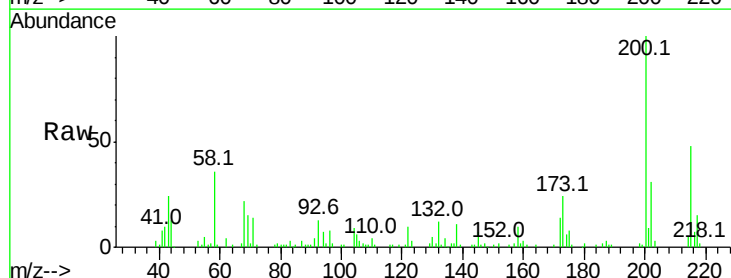


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

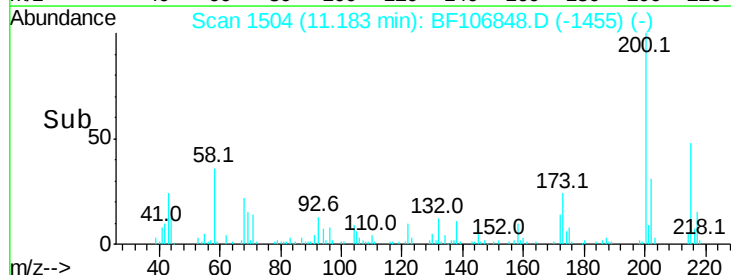
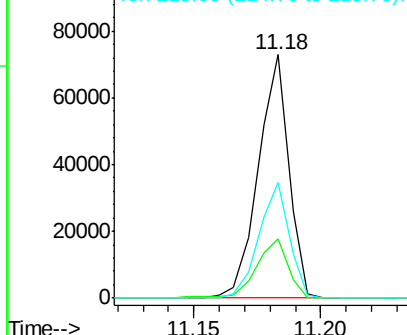


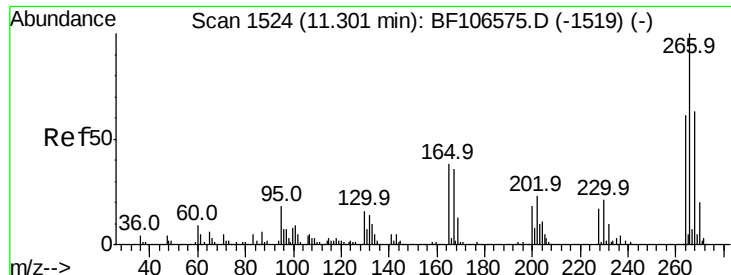
#68
Atrazine
Concen: 45.735 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	61292		
173	24.2	8.6	48.6	
215	47.6	25.1	65.1	



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





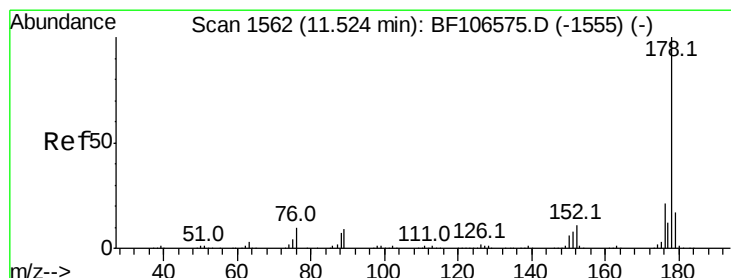
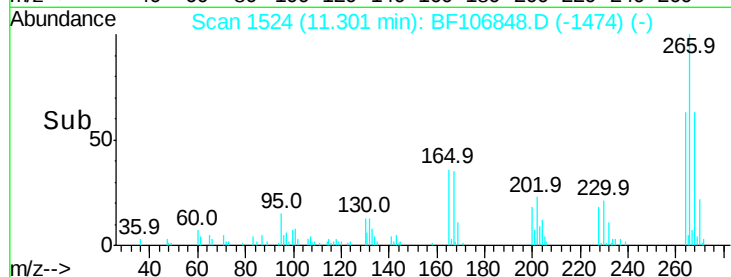
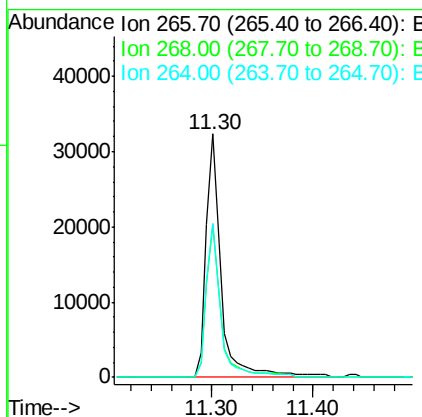
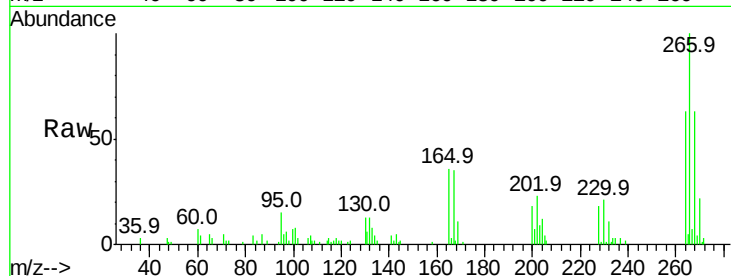
#69
 Pentachlorophenol
 Concen: 42.688 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.1	76.7
264	63.3	49.5	74.3

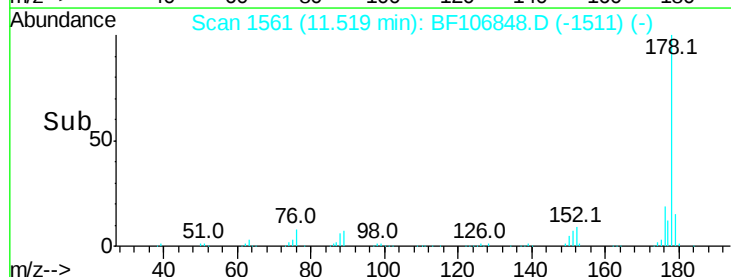
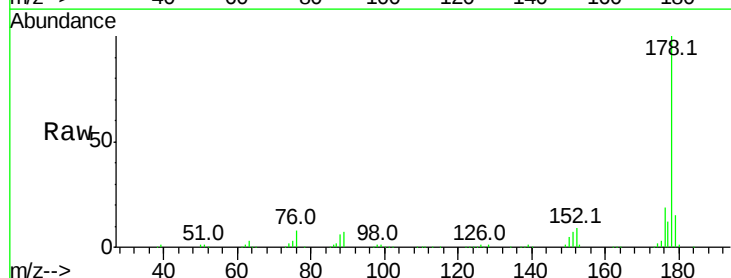
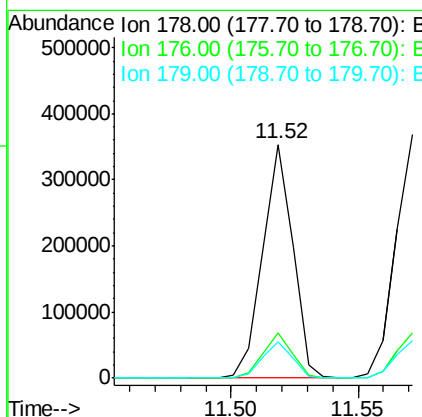
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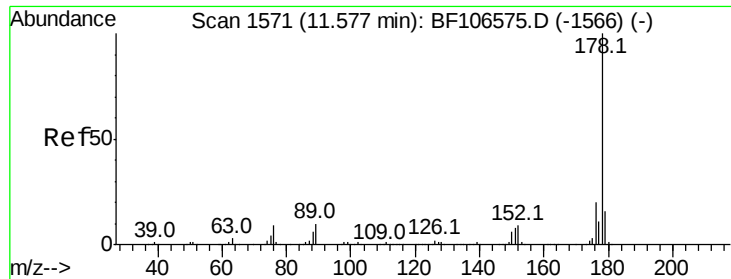
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#70
 Phenanthrene
 Concen: 48.468 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.3	13.0	19.6





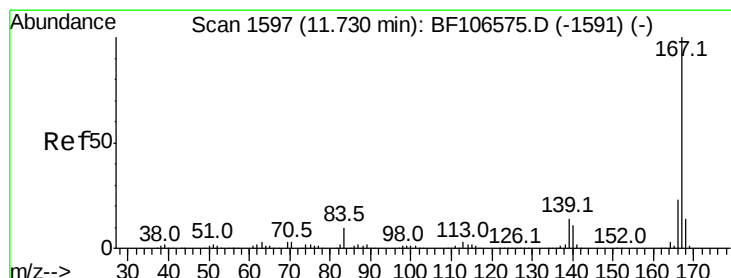
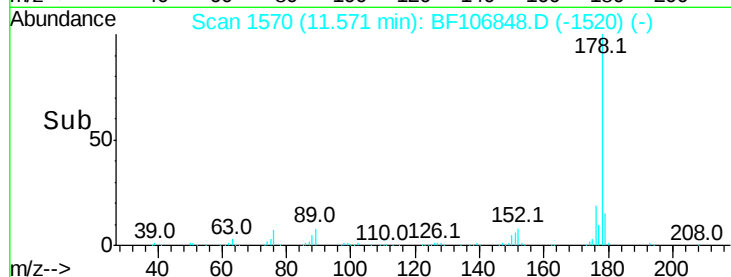
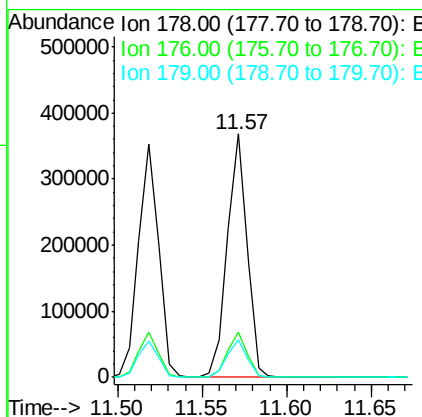
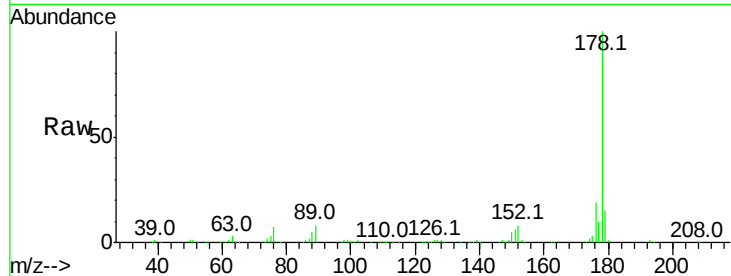
#71
 Anthracene
 Concen: 48.720 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.5	12.6	19.0

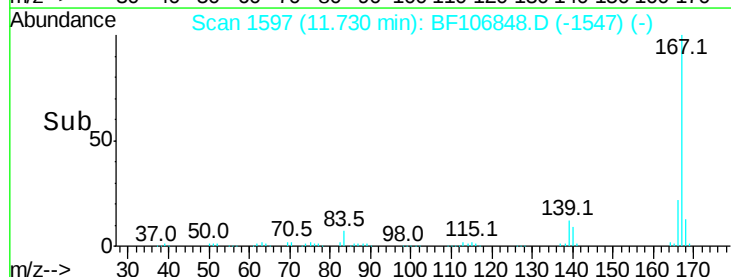
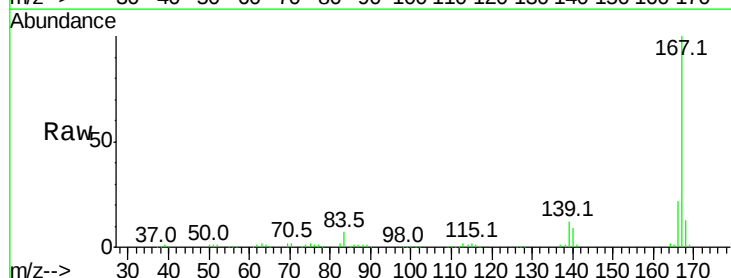
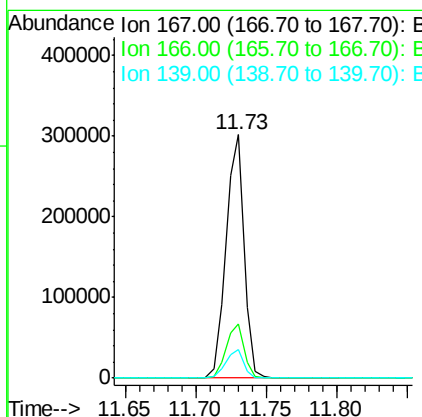
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#72
 Carbazole
 Concen: 46.315 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	11.6	10.9	16.3





#73

Di-n-butylphthalate

Concen: 46.002 ng

RT: 12.04 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Instrument :

BNA_F

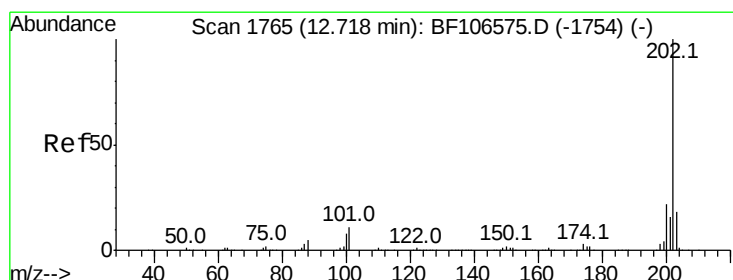
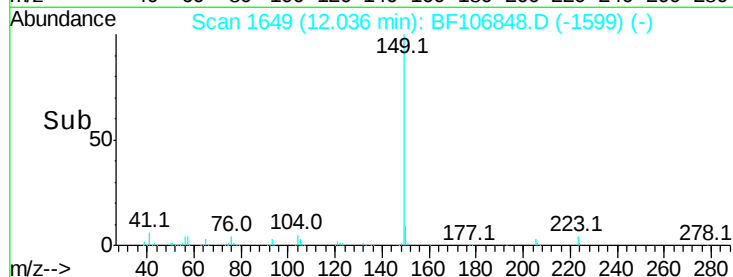
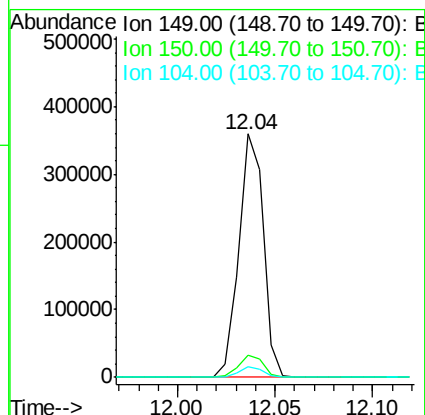
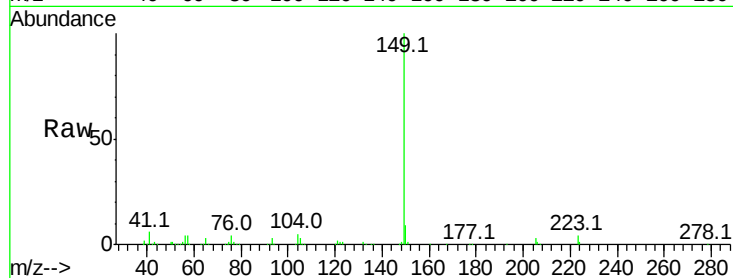
ClientSampleId :

PB110514BS

Tot Ion:	149	Resp:	313074
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.5	3.8	5.8

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#74

Fluoranthene

Concen: 50.190 ng

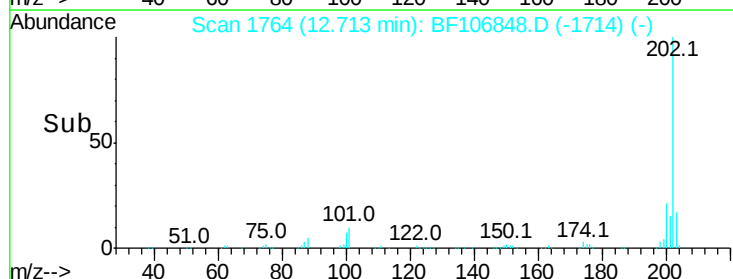
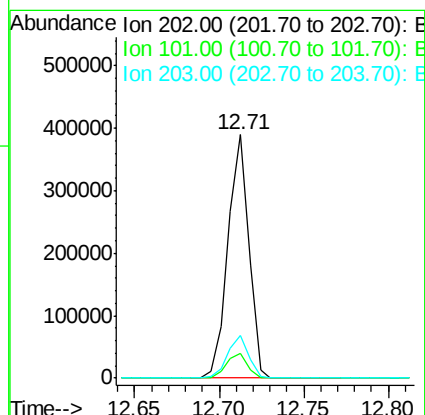
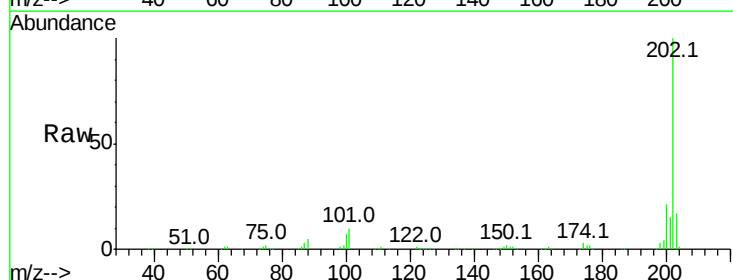
RT: 12.71 min Scan# 1764

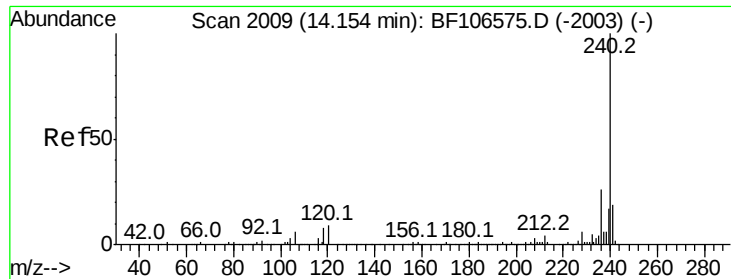
Delta R.T. -0.01 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Tgt Ion:	202	Resp:	334409
Ion Ratio	Lower	Upper	
202	100		
101	10.2	0.0	34.1
203	17.4	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: BF106848.D

Acq: 27 Jun 2018 3:21

Instrument :

BNA_F

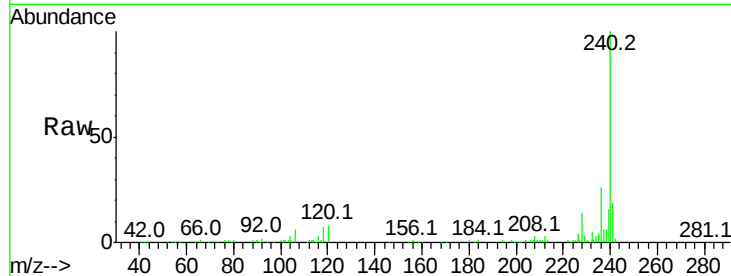
ClientSampleId :

PB110514BS

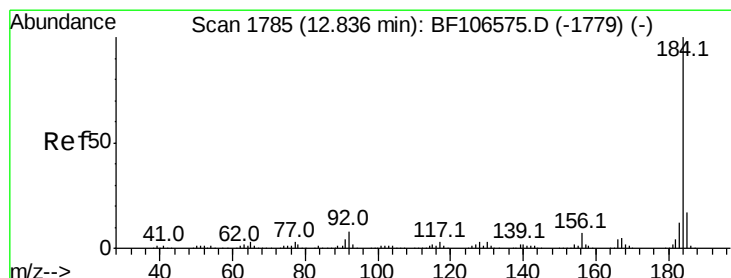
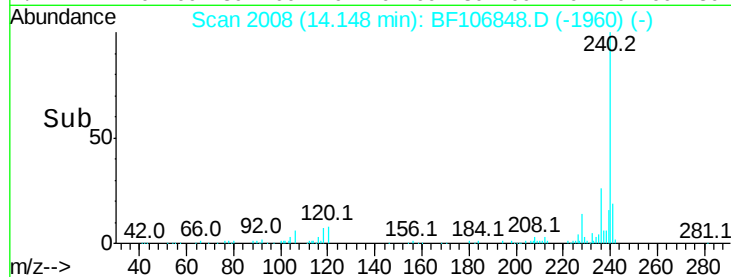
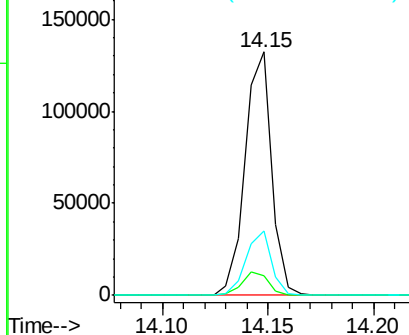
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.1	9.5	14.3#
236	26.2	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.866 ng

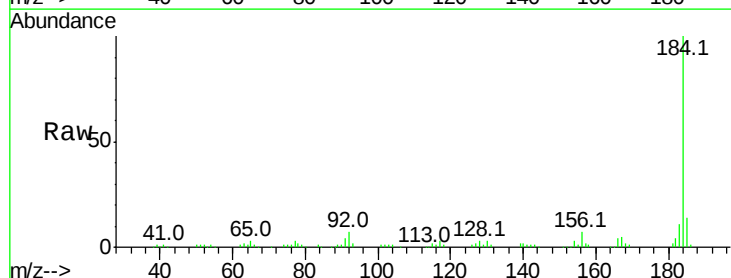
RT: 12.83 min Scan# 1784

Delta R.T. -0.01 min

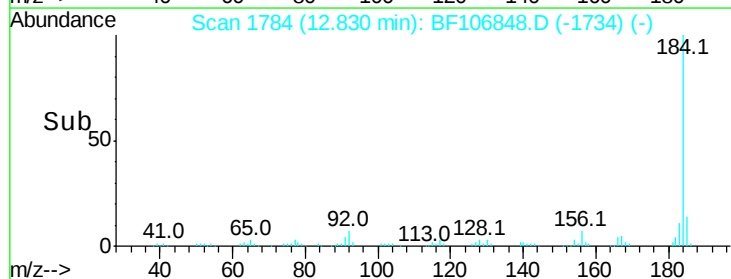
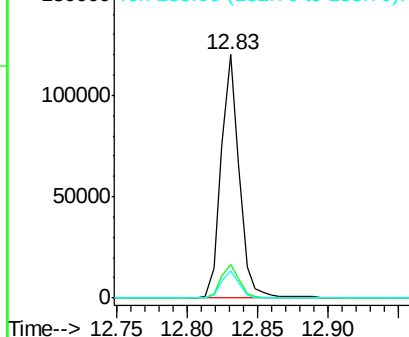
Lab File: BF106848.D

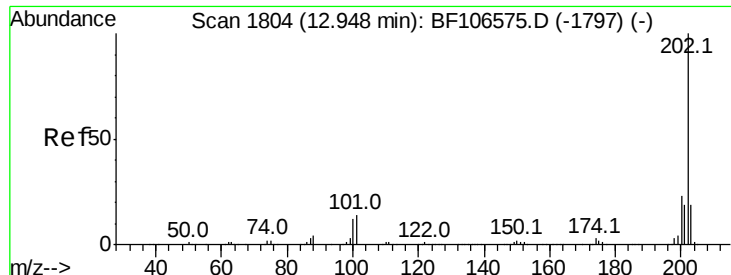
Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.6	18.8
183	11.4	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





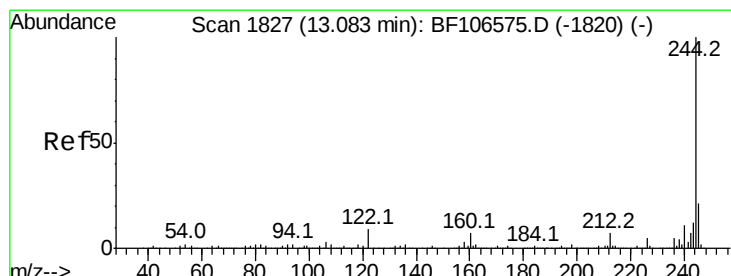
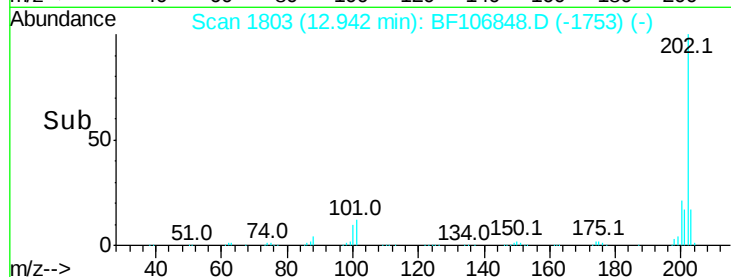
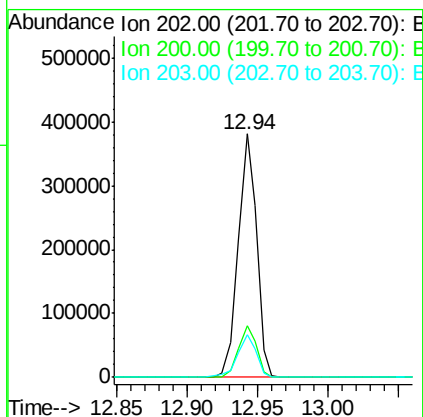
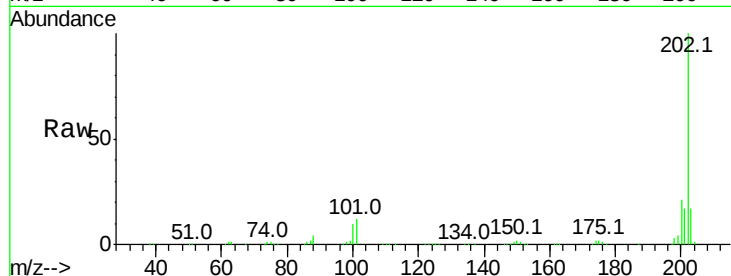
#77
Pvrene
Concen: 45.319 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB110514BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.3	14.3	21.5

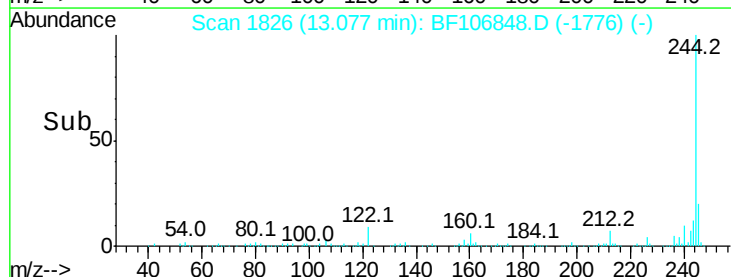
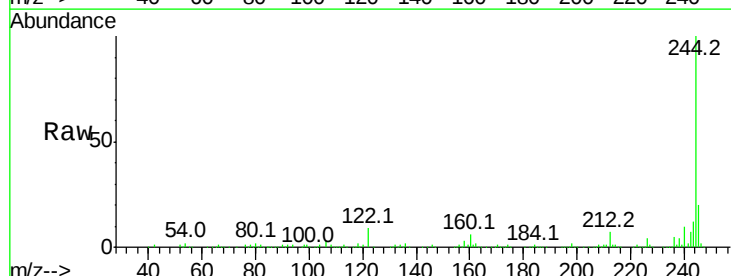
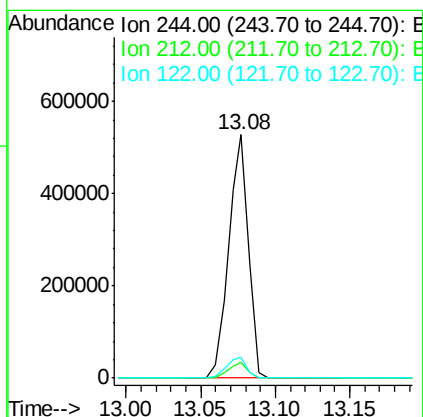
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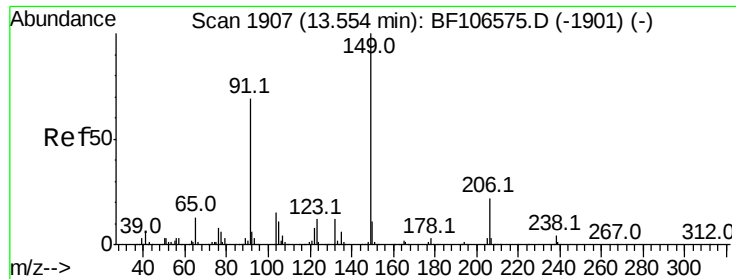
Sohil
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#78
Terphenyl-d14
Concen: 103.527 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	8.7	11.0	16.4





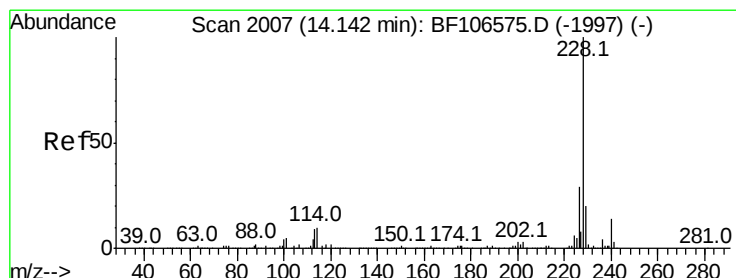
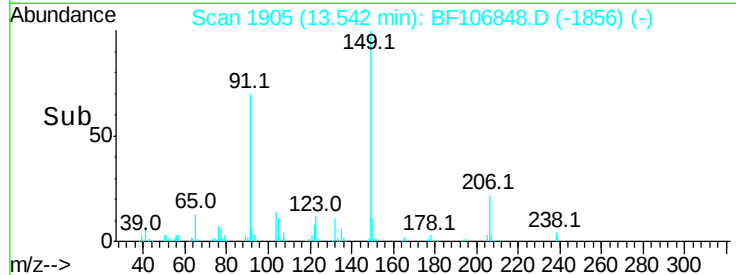
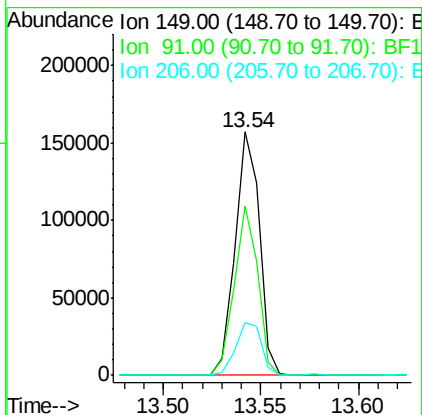
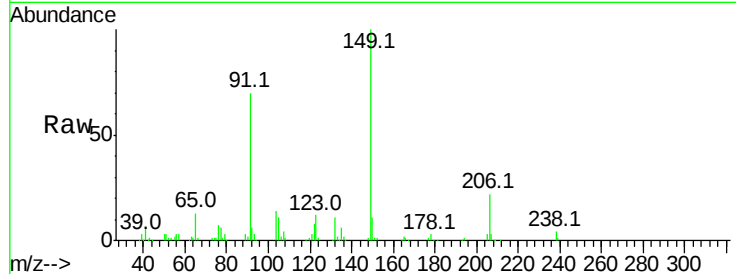
#79
Butylbenzylphthalate
Concen: 43.385 ng
RT: 13.54 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB110514BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	69.6	56.8	85.2
206	21.7	14.1	21.1

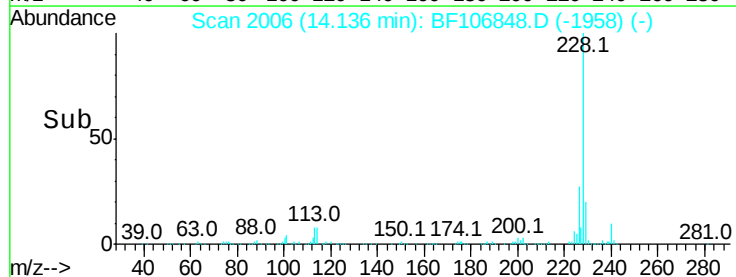
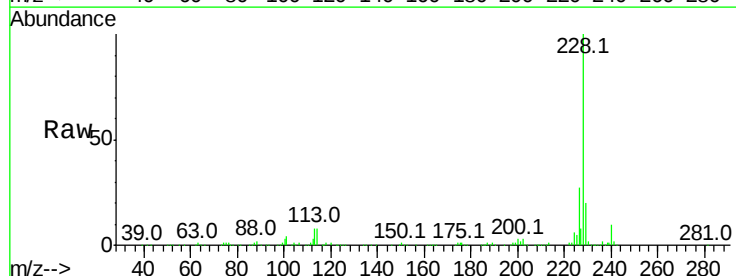
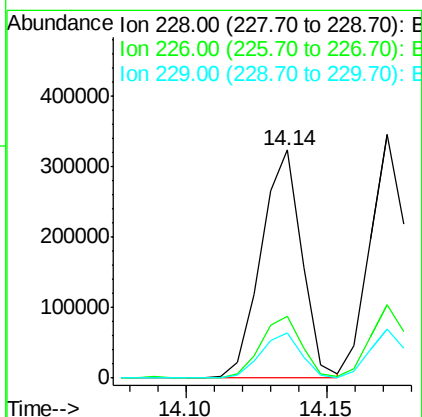
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#80
Benzo(a)anthracene
Concen: 45.900 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.3	22.6	33.8
229	19.7	15.8	23.6





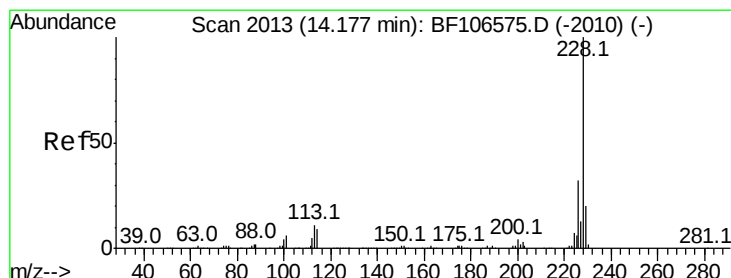
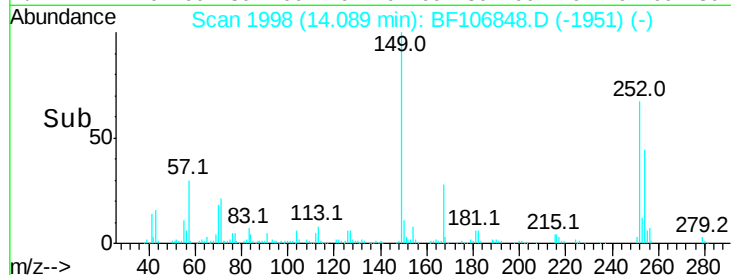
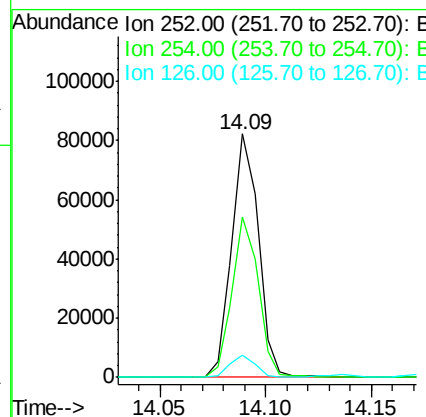
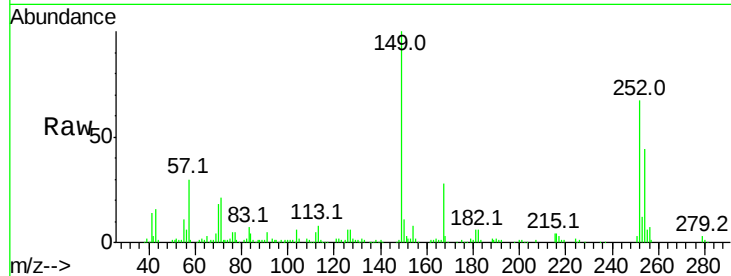
#81
 3,3'-Dichlorobenzidine
 Concen: 29.077 ng
 RT: 14.09 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Instrument :
 BNA_F
 ClientSampled :
 PB110514BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.8	50.4	75.6
126	9.3	11.3	16.9

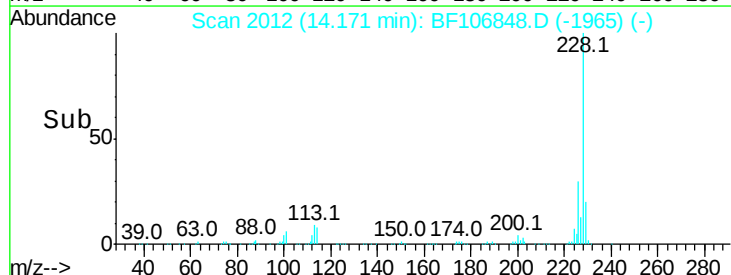
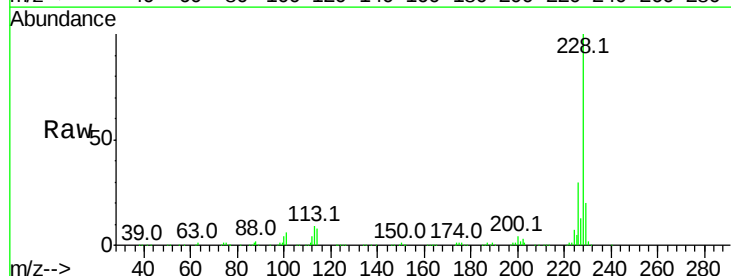
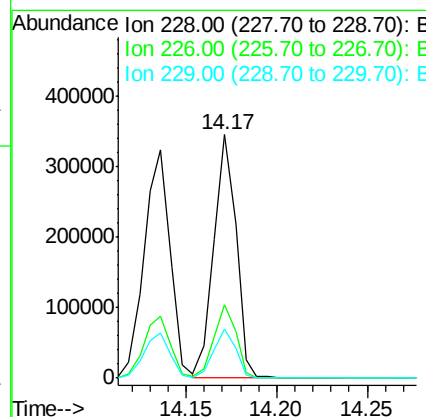
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#82
 Chrysene
 Concen: 45.835 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.958 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Instrument :

BNA_F

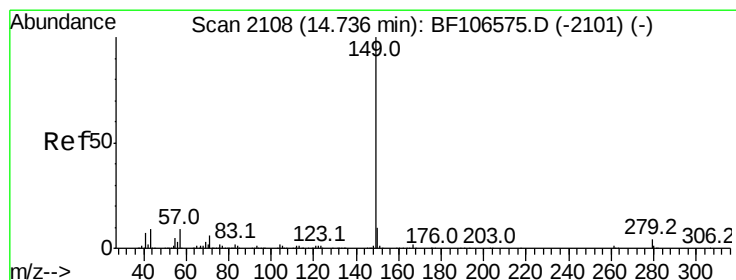
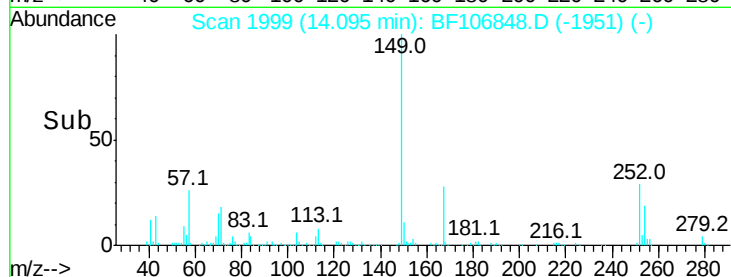
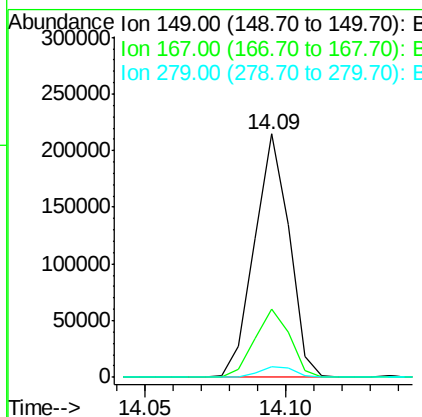
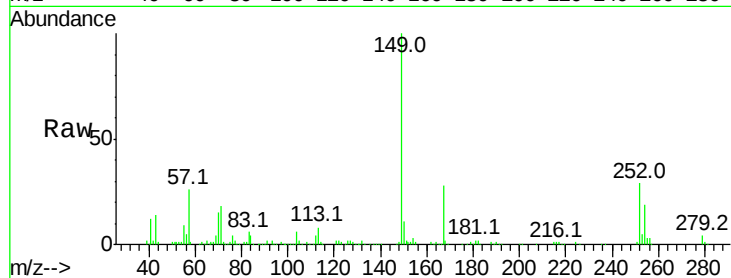
ClientSampleId :

PB110514BS

Tot Ion:	149	Resp:	183634
Ion Ratio	Lower	Upper	
149	100		
167	28.1	21.3	31.9
279	4.4	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 49.671 ng

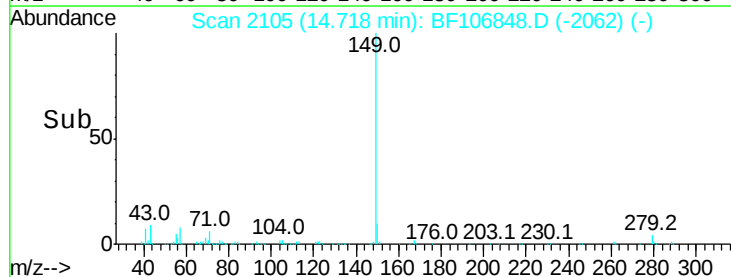
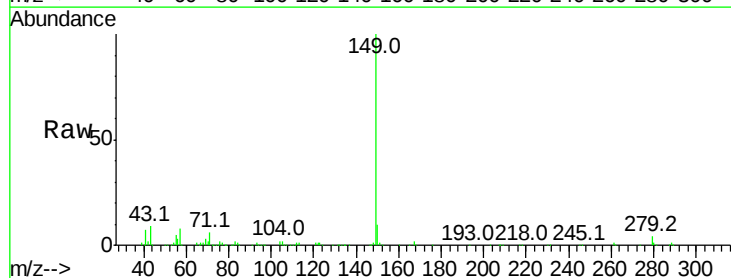
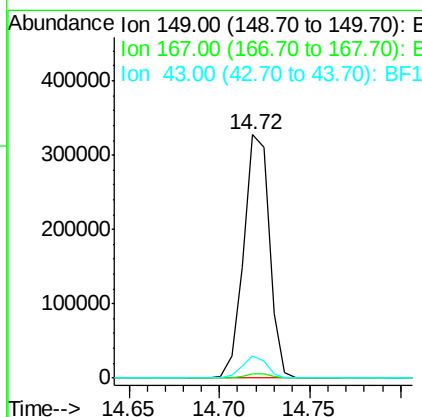
RT: 14.72 min Scan# 2105

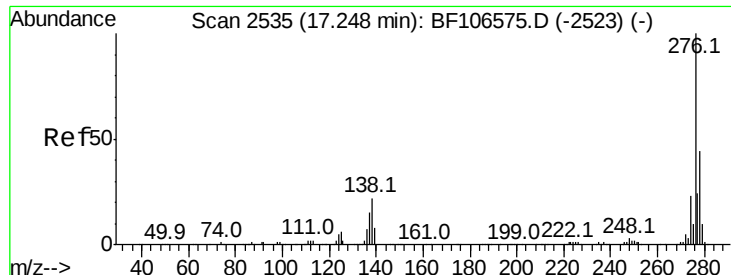
Delta R.T. -0.05 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Tgt Ion:	149	Resp:	323516
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.4	8.4	12.6





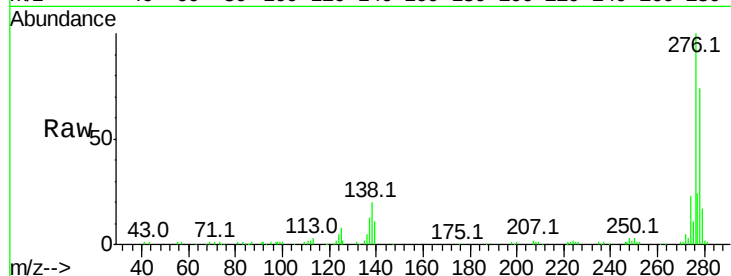
#85
Indeno(1,2,3-cd)pyrene
Concen: 38.911 ng
RT: 17.25 min Scan# 2536
Delta R.T. -0.05 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB110514BS

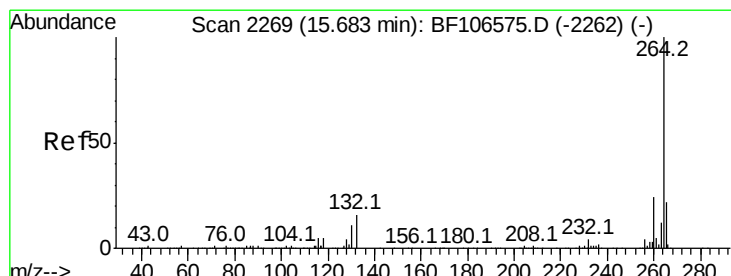
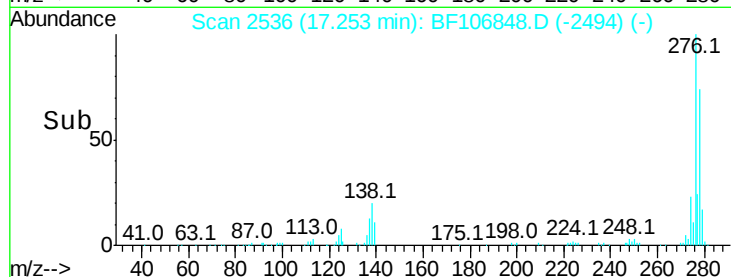
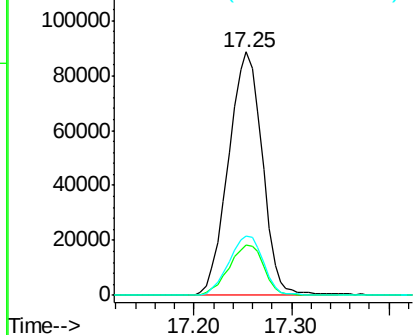
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.0	25.0	37.6#
277	24.9	20.1	30.1

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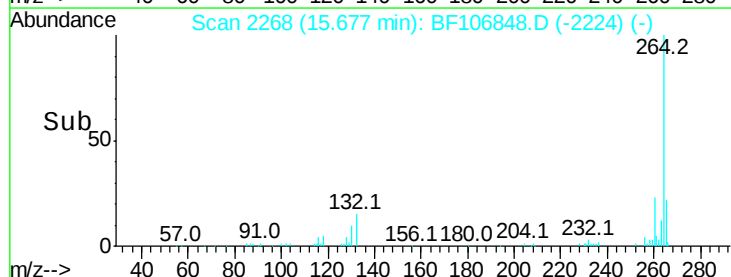
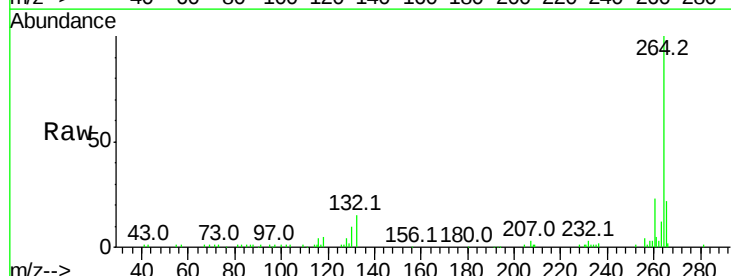
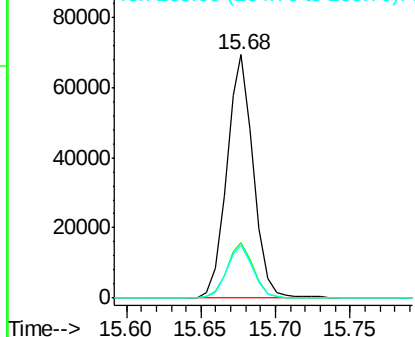
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

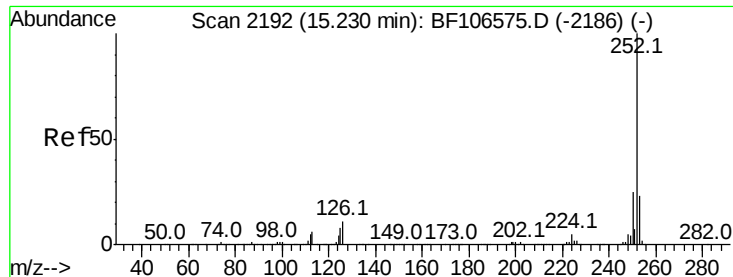


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.8	17.5	26.3

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





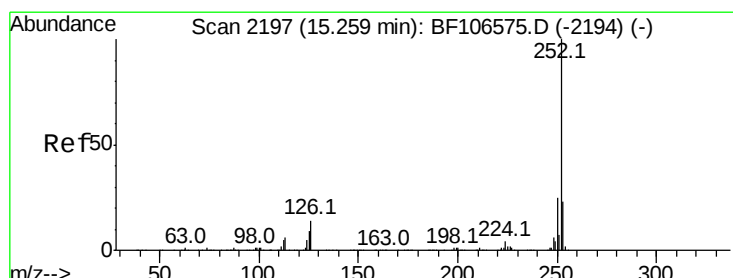
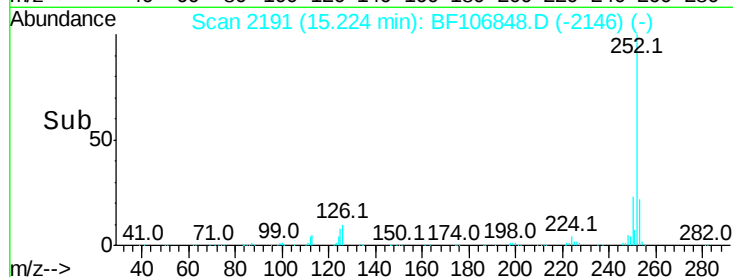
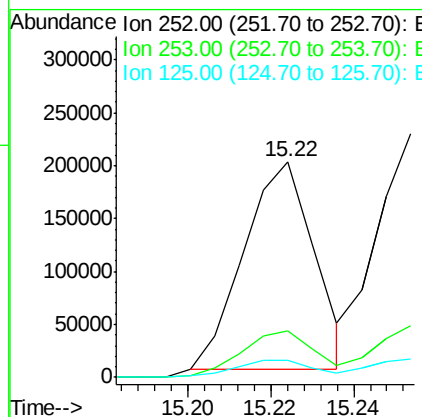
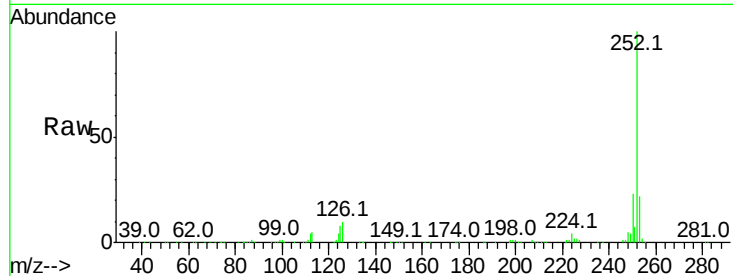
#87
Benzo(b)fluoranthene
Concen: 43.589 ng m
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Instrument :
BNA_F
ClientSampleId :
PB110514BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	7.8	9.0	13.6

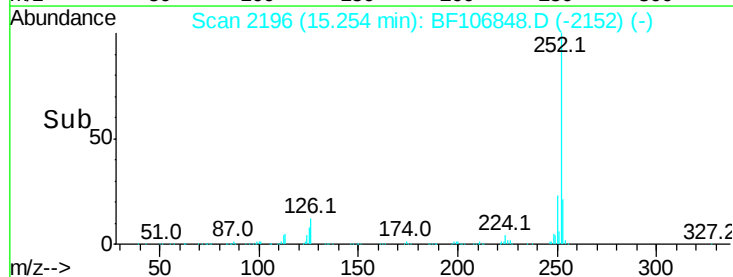
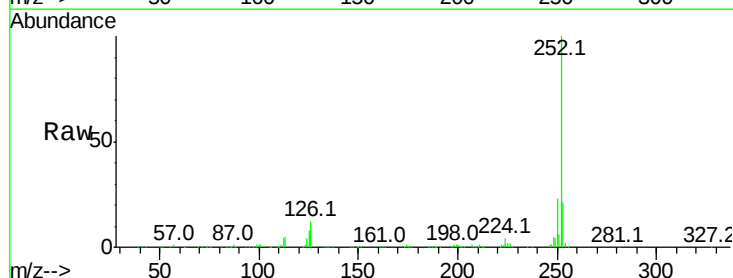
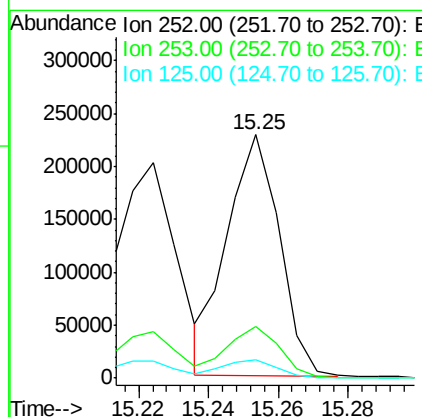
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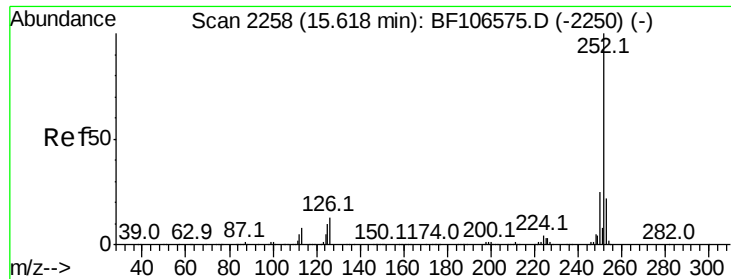
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#88
Benzo(k)fluoranthene
Concen: 46.930 ng m
RT: 15.25 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF106848.D
Acq: 27 Jun 2018 3:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	7.5	10.2	15.2





#89

Benzo(a)pyrene

Concen: 46.992 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.04 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Instrument :

BNA_F

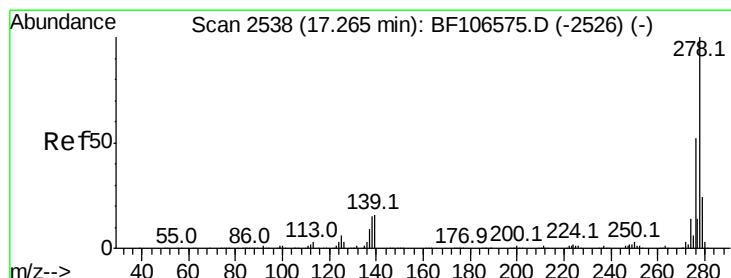
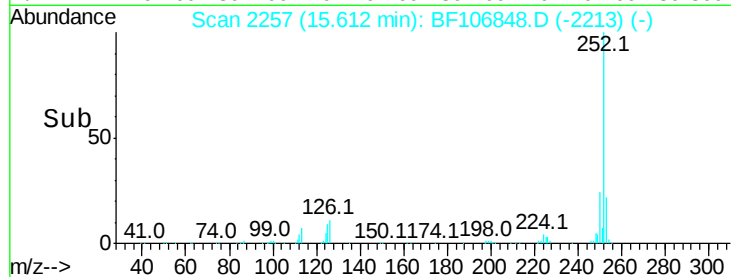
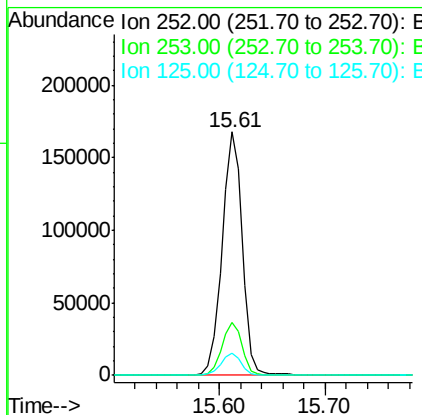
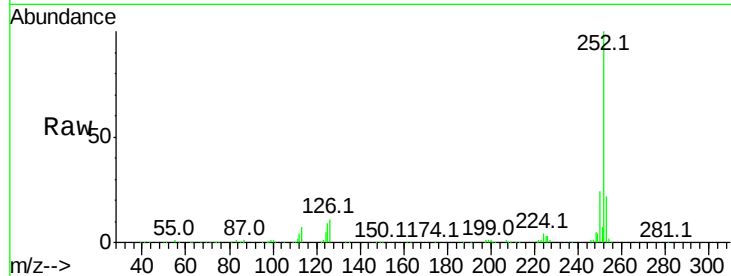
ClientSampleId :

PB110514BS

Tot Ion:	252	Resp:	223075
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.1	25.7
125	9.2	9.8	14.6#

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#90

Dibenzo(a,h)anthracene

Concen: 45.008 ng

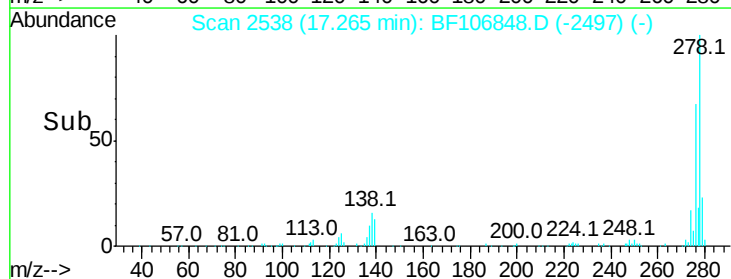
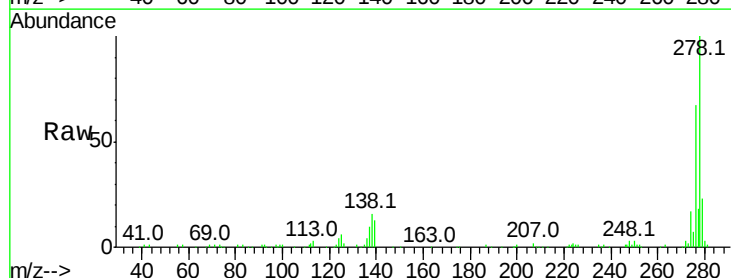
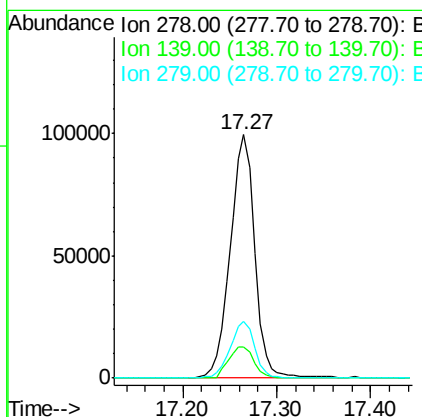
RT: 17.27 min Scan# 2538

Delta R.T. -0.06 min

Lab File: BF106848.D

Acq: 27 Jun 2018 3:21

Tgt Ion:	278	Resp:	181075
Ion Ratio	Lower	Upper	
278	100		
139	12.9	15.9	23.9#
279	23.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 45.365 ng
 RT: 17.73 min Scan# 2617
 Delta R.T. -0.06 min
 Lab File: BF106848.D
 Acq: 27 Jun 2018 3:21

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BS

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.1	17.9	26.9
138	17.5	21.8	32.8

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