

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062618\
 Data File : BF106849.D
 Acq On : 27 Jun 2018 3:48
 Operator : JU/SJ
 Sample : PB110514BSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BSD

Manual Integrations
 APPROVED

Sohil
 6/27/2018 2:14:41 PM

Quant Time: Jun 27 05:47:01 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	43392	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	154308	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	68724	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	128365	20.00	ng	0.00
75) Chrysene-d12	14.15	240	120303	20.00	ng	-0.02
86) Perylene-d12	15.68	264	85765	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	221628	86.49	ng	0.00
7) Phenol-d6	6.61	99	267848	83.70	ng	0.00
23) Nitrobenzene-d5	7.52	82	247022	88.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	68963	86.58	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	443474	114.31	ng	0.00
78) Terphenyl-d14	13.08	244	490824	98.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	45550	34.575	ng	99
3) Pyridine	3.65	79	129719	36.306	ng	97
4) n-Nitrosodimethylamine	3.62	42	54304	35.785	ng	85
6) Aniline	6.62	93	47814	11.015	ng	# 25
8) 2-Chlorophenol	6.75	128	116765	41.544	ng	97
9) Benzaldehyde	6.51	77	54578	22.195	ng	96
10) Phenol	6.62	94	138720	37.984	ng	93
11) bis(2-Chloroethyl)ether	6.70	93	116897	38.772	ng	97
12) 1,3-Dichlorobenzene	6.90	146	141473	42.976	ng	97
13) 1,4-Dichlorobenzene	6.98	146	142480	42.811	ng	97
14) 1,2-Dichlorobenzene	7.13	146	131122	42.990	ng	98
15) Benzyl Alcohol	7.10	79	98454	38.315	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	162072	40.971	ng	73
17) 2-Methylphenol	7.22	107	96975	40.318	ng	# 92
18) Hexachloroethane	7.47	117	40310	34.442	ng	92
19) n-Nitroso-di-n-propylamine	7.37	70	80615	38.217	ng	93
20) 3+4-Methylphenols	7.38	107	121269	47.419	ng	96
22) Acetophenone	7.37	105	158676	45.963	ng	# 98
24) Nitrobenzene	7.55	77	121640	42.909	ng	97
25) Isophorone	7.78	82	219172	44.794	ng	98
26) 2-Nitrophenol	7.86	139	50023	37.380	ng	94
27) 2,4-Dimethylphenol	7.90	122	100084	48.386	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	142183	43.280	ng	99
29) 2,4-Dichlorophenol	8.11	162	95910	44.289	ng	93
30) 1,2,4-Trichlorobenzene	8.18	180	114311	47.917	ng	98
31) Naphthalene	8.27	128	326081	45.199	ng	100
32) Benzoic acid	7.98	122	25726m	20.788	ng	
33) 4-Chloroaniline	8.31	127	20861	6.891	ng	98
34) Hexachlorobutadiene	8.37	225	76581	49.266	ng	100
35) Caprolactam	8.69	113	25572m	36.226	ng	
36) 4-Chloro-3-methylphenol	8.81	107	92528	40.594	ng	93
37) 2-Methylnaphthalene	8.95	142	229463	47.986	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	118142	51.046	ng	# 95
40) Hexachlorocyclopentadiene	9.10	237	8882	7.459	ng	96

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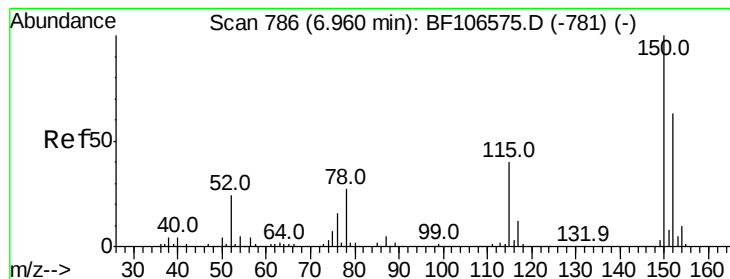
Manual Integrations
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Sohil
 6/27/2018 2:14:41 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	62066	40.344	nq	90
43) 2,4,5-Trichlorophenol	9.29	196	64424	40.132	nq	# 86
45) 1,1'-Biphenyl	9.42	154	266845	48.721	nq	97
46) 2-Chloronaphthalene	9.45	162	190947	44.291	nq	95
47) 2-Nitroaniline	9.55	65	56235	38.790	nq	99
48) Acenaphthylene	9.87	152	292814	43.020	nq	99
49) Dimethylphthalate	9.71	163	233182	45.240	nq	99
50) 2,6-Dinitrotoluene	9.78	165	48251	44.208	nq	89
51) Acenaphthene	10.04	154	175914	41.043	nq	98
52) 3-Nitroaniline	9.95	138	29485	23.476	nq	96
53) 2,4-Dinitrophenol	10.07	184	5218	13.933	nq	# 19
54) Dibenzofuran	10.21	168	270210	46.040	nq	95
55) 4-Nitrophenol	10.14	139	46063	52.542	nq	98
56) 2,4-Dinitrotoluene	10.19	165	59126	41.502	nq	90
57) Fluorene	10.55	166	204509	43.912	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	50201m	39.340	nq	
59) Diethylphthalate	10.41	149	210221	42.257	nq	# 92
60) 4-Chlorophenyl-phenylether	10.54	204	108636	44.582	nq	# 87
61) 4-Nitroaniline	10.58	138	49947	40.070	nq	88
62) Azobenzene	10.70	77	186556	38.080	nq	90
64) 4,6-Dinitro-2-methylphenol	10.60	198	7026	8.855	nq	74
65) n-Nitrosodiphenylamine	10.66	169	176771	40.942	nq	99
66) 4-Bromophenyl-phenylether	11.03	248	70589	46.077	nq	# 78
67) Hexachlorobenzene	11.10	284	73748	45.994	nq	# 81
68) Atrazine	11.18	200	61251	44.625	nq	94
69) Pentachlorophenol	11.30	266	32371	40.462	nq	100
70) Phenanthrene	11.52	178	288277	46.562	nq	99
71) Anthracene	11.57	178	301955	47.781	nq	100
72) Carbazole	11.73	167	268196	45.329	nq	98
73) Di-n-butylphthalate	12.04	149	308380	44.242	nq	99
74) Fluoranthene	12.71	202	335739	49.199	nq	94
76) Benzidine	12.83	184	113398	33.097	nq	97
77) Pyrene	12.94	202	340631	42.938	nq	99
79) Butylbenzylphthalate	13.54	149	134084	41.108	nq	# 97
80) Benzo(a)anthracene	14.14	228	329031	44.875	nq	99
81) 3,3'-Dichlorobenzidine	14.09	252	82141	31.875	nq	# 97
82) Chrysene	14.17	228	308903	45.794	nq	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	181667	43.565	nq	# 96
84) Di-n-octyl phthalate	14.72	149	322517	47.448	nq	96
85) Indeno(1,2,3-cd)pyrene	17.25	276	216711	37.857	nq	# 89
87) Benzo(b)fluoranthene	15.22	252	260298	48.858	nq	# 97
88) Benzo(k)fluoranthene	15.25	252	239200m	47.147	nq	
89) Benzo(a)pyrene	15.61	252	223936	47.282	nq	# 96
90) Dibenzo(a,h)anthracene	17.27	278	181195	45.142	nq	# 93
91) Benzo(g,h,i)perylene	17.73	276	178470	45.491	nq	# 90

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



#1

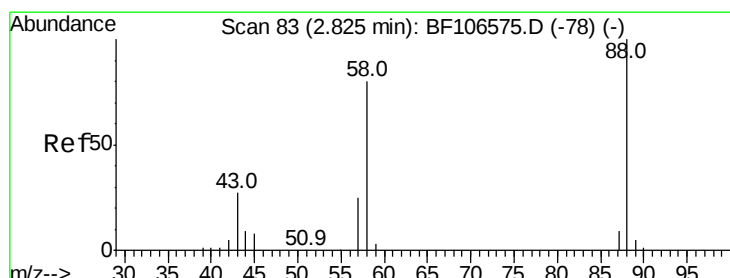
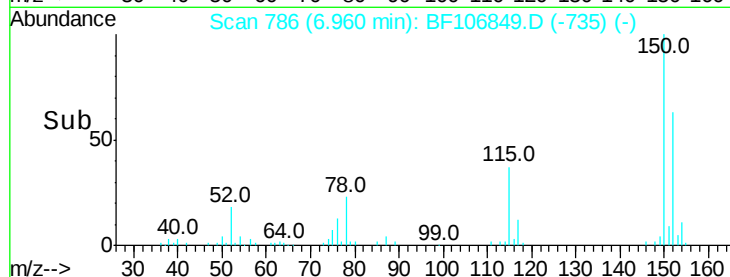
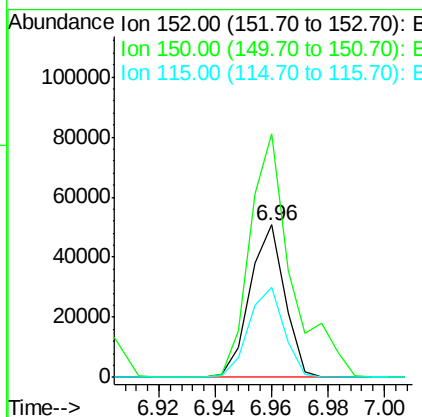
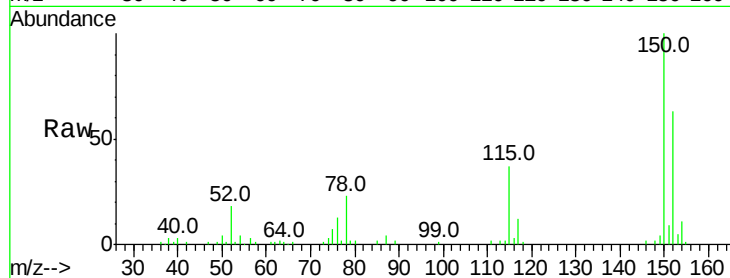
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Instrument :
BNA_F
ClientSampleId :
PB110514BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	58.9	50.1	75.1

Manual Integrations
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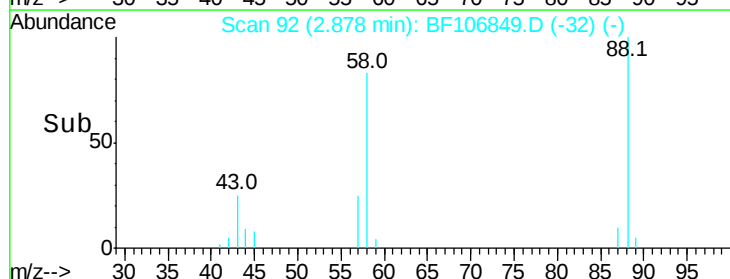
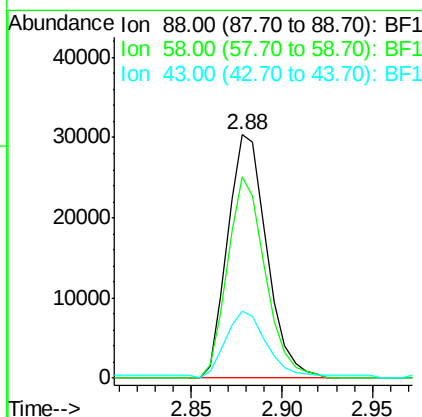
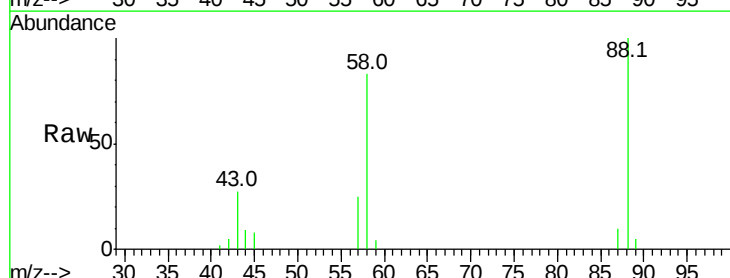
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6/27/2018 2:14:41 PM

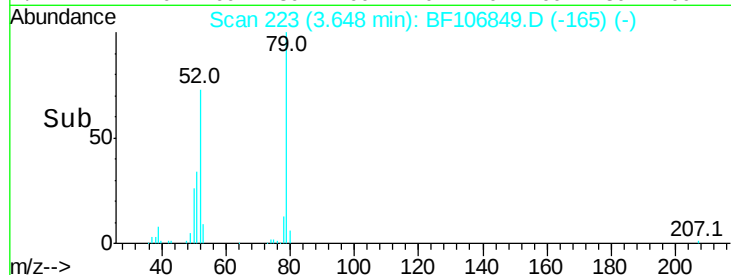
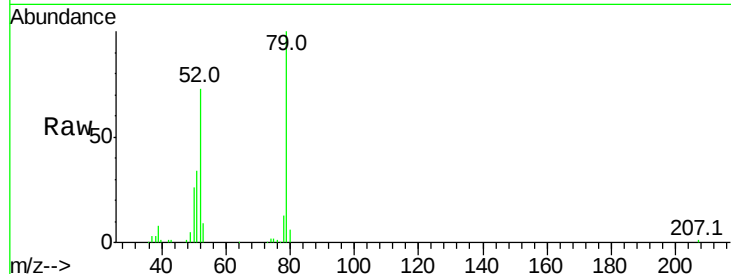
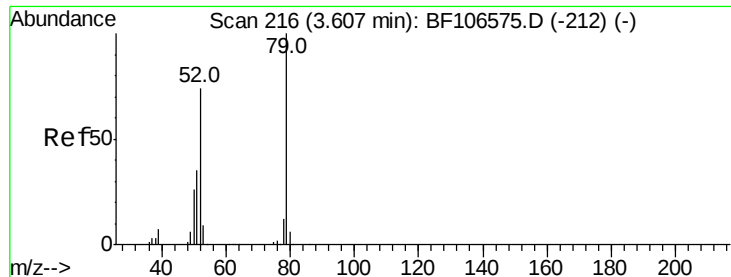


#2

1,4-Dioxane
Concen: 34.575 ng
RT: 2.88 min Scan# 92
Delta R.T. 0.05 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.6	62.6	93.8
43	30.4	24.6	37.0





#3

Pvridine

Concen: 36.306 ng

RT: 3.65 min Scan# 223

Delta R.T. 0.04 min

Lab File: BF106849.D

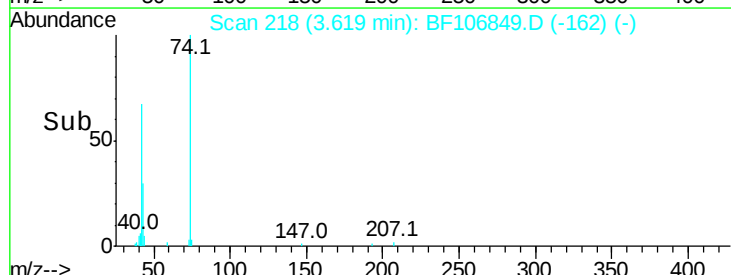
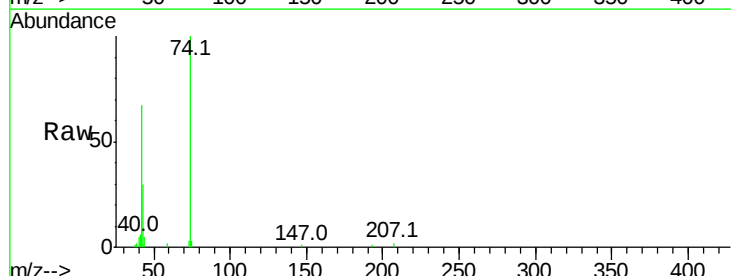
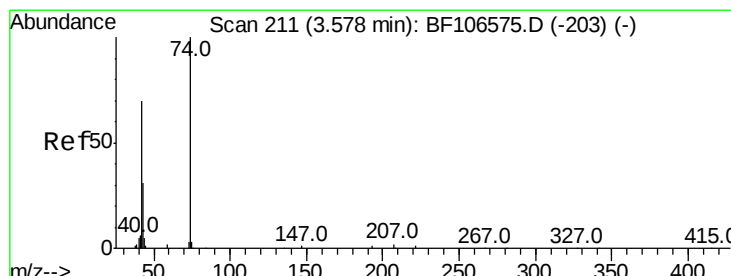
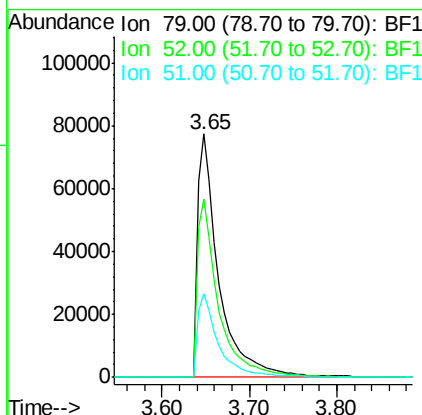
Acq: 27 Jun 2018 3:48

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.5	59.8	89.6
51	34.4	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
PB110514BSD

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.785 ng

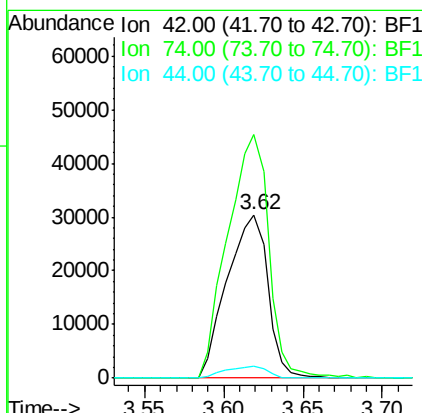
RT: 3.62 min Scan# 218

Delta R.T. 0.03 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.0	104.9	157.3
44	7.4	6.9	10.3





#5

2-Fluorophenol

Concen: 86.488 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

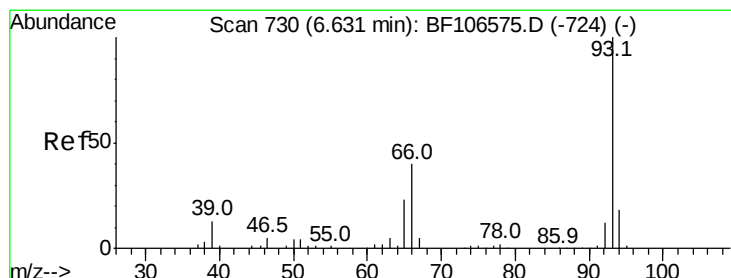
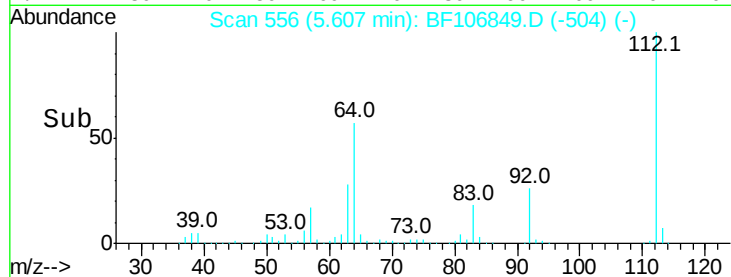
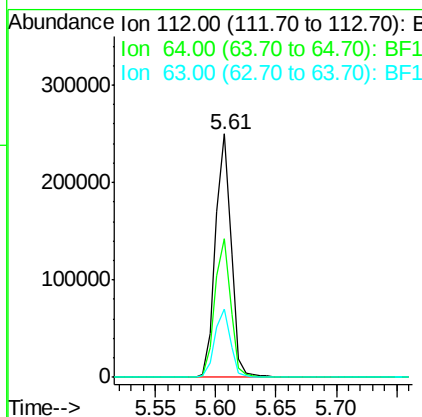
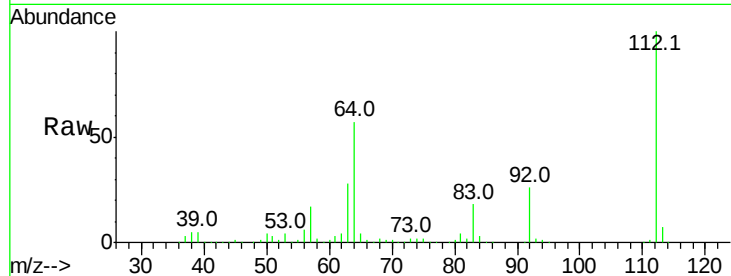
ClientSampleId :

PB110514BSD

Tot Ion:	112	Resp:	221628
Ion Ratio	Lower	Upper	
112	100		
64	57.1	47.9	71.9
63	27.8	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 11.015 ng

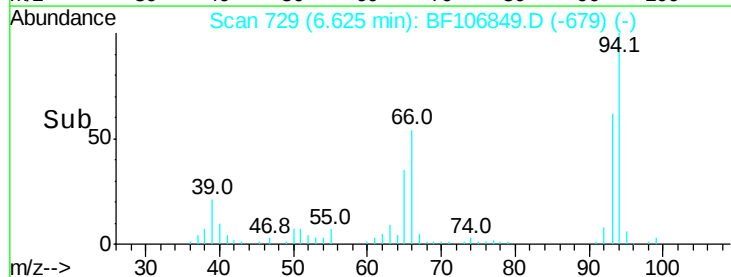
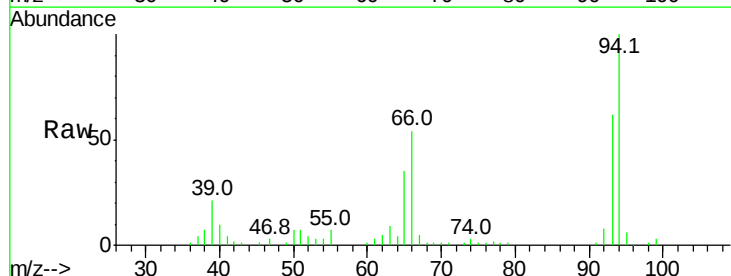
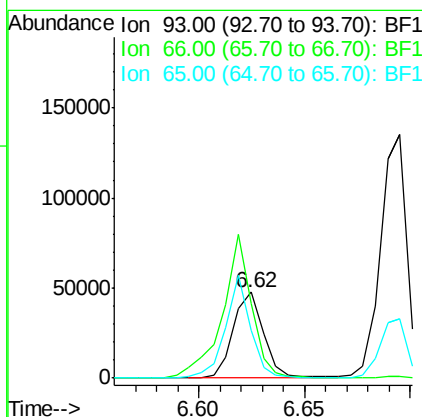
RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Tgt Ion:	93	Resp:	47814
Ion Ratio	Lower	Upper	
93	100		
66	86.4	32.2	48.2#
65	55.8	16.4	24.6#





#7

Phenol-d6

Concen: 83.699 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

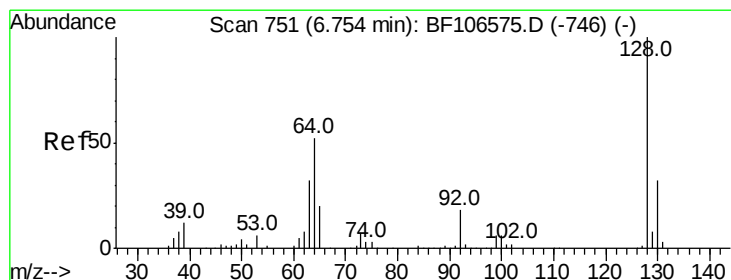
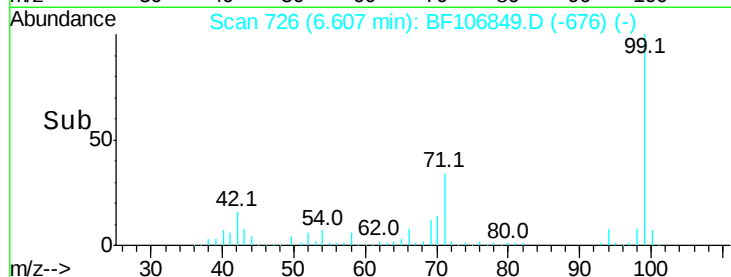
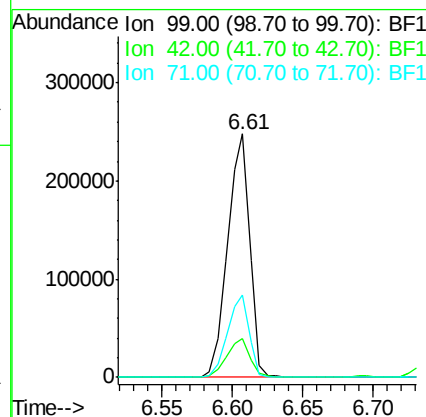
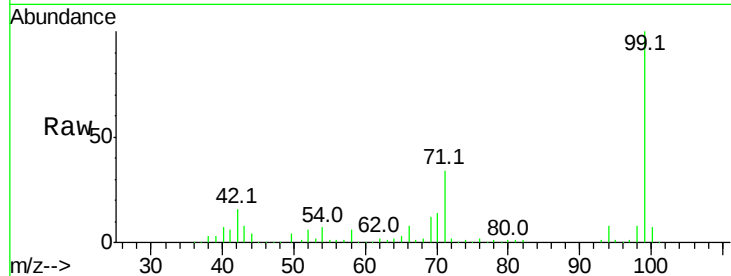
ClientSampleId :

PB110514BSD

Tot Ion:	99	Resp:	267848
Ion Ratio	Lower	Upper	
99	100		
42	16.0	14.5	21.7
71	33.7	25.4	38.0

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#8

2-Chlorophenol

Concen: 41.544 ng

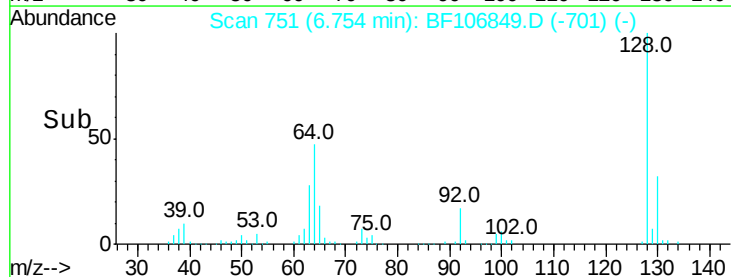
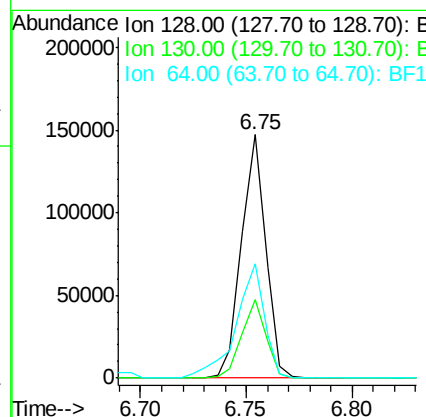
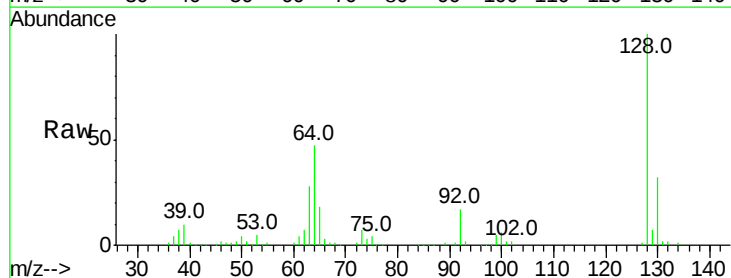
RT: 6.75 min Scan# 751

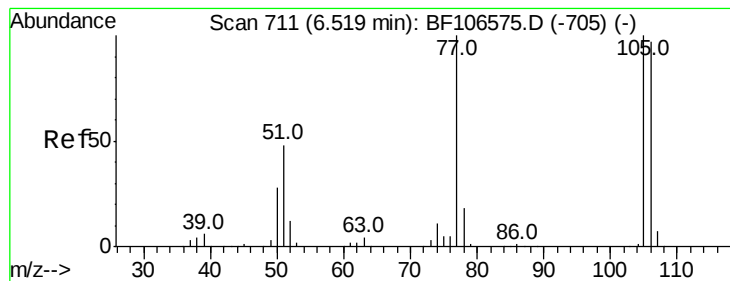
Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Tgt Ion:	128	Resp:	116765
Ion Ratio	Lower	Upper	
128	100		
130	32.4	13.0	53.0
64	47.0	29.4	69.4





#9

Benzaldehyde

Concen: 22.195 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

ClientSampleId :

PB110514BSD

Tot Ion: 77 Resp: 54578

Ion Ratio Lower Upper

77 100

105 105.5 81.1 121.1

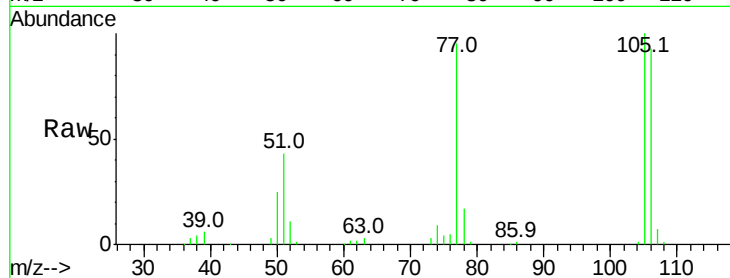
106 97.8 74.5 114.5

Manual Integrations

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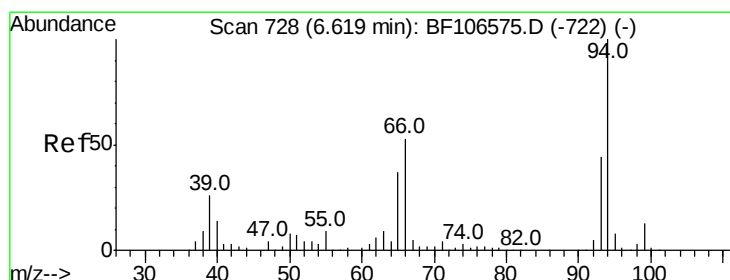
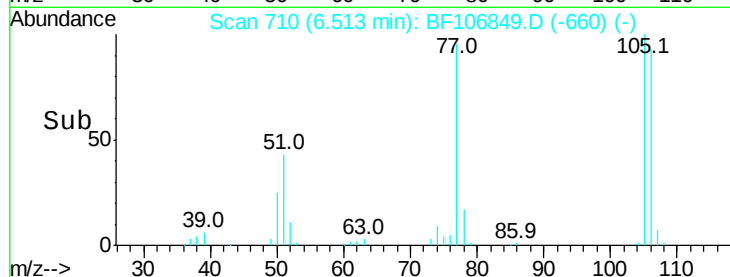
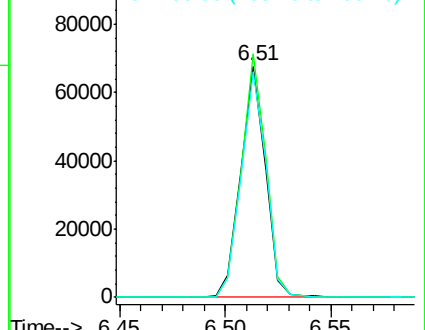
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.984 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

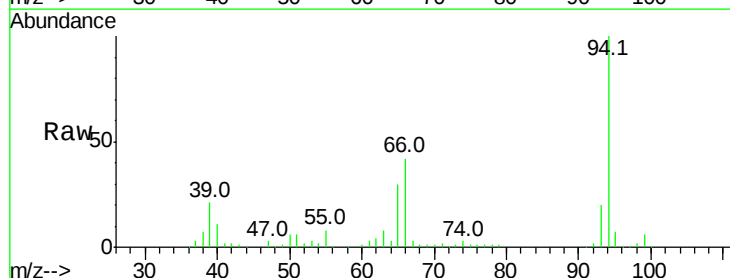
Tgt Ion: 94 Resp: 138720

Ion Ratio Lower Upper

94 100

65 30.2 7.9 47.9

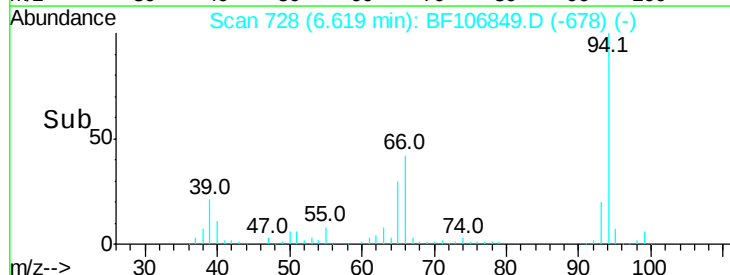
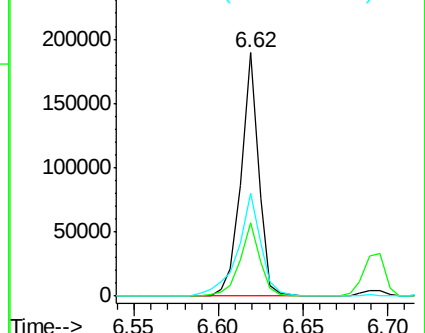
66 42.1 16.2 56.2

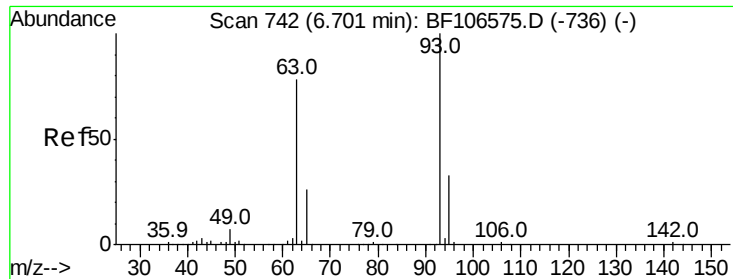


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





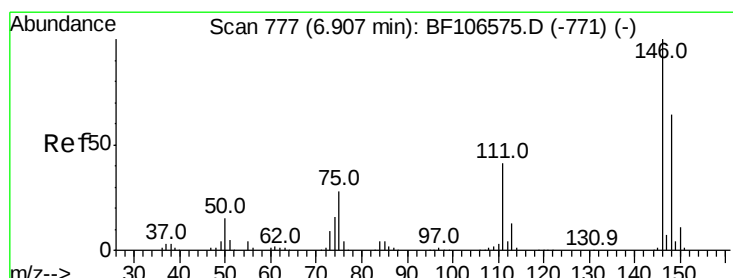
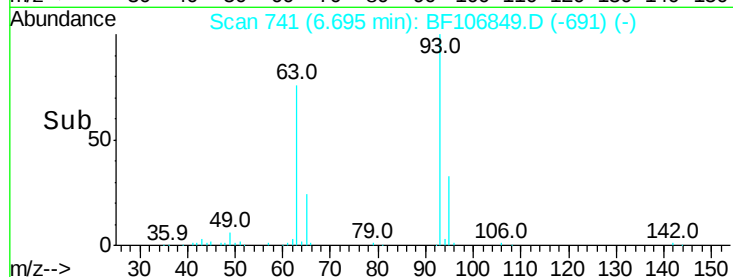
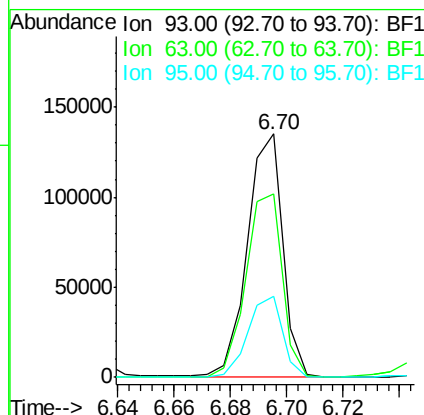
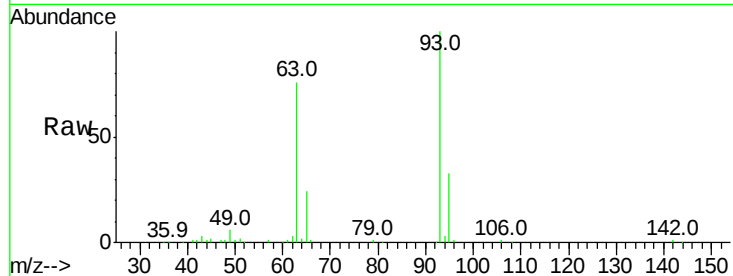
#11
bis(2-Chloroethyl)ether
Concen: 38.772 ng
RT: 6.70 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Instrument :
BNA_F
ClientSampleId :
PB110514BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	116897		
63	75.6	58.6	98.6	
95	33.1	11.8	51.8	

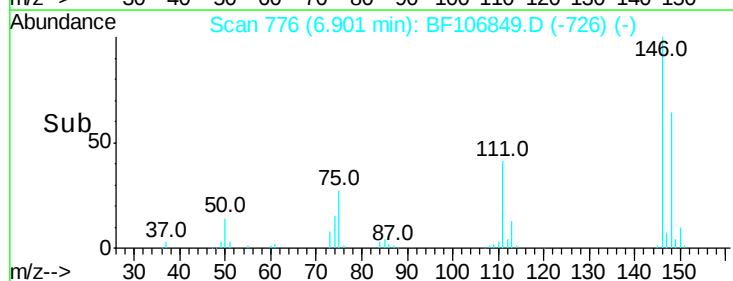
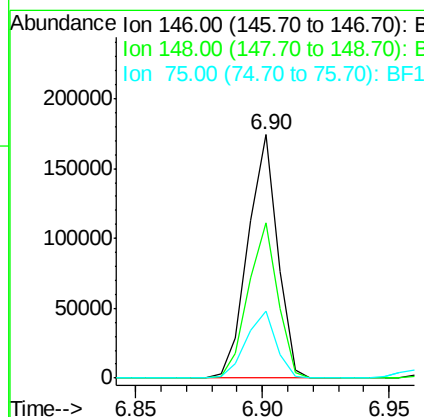
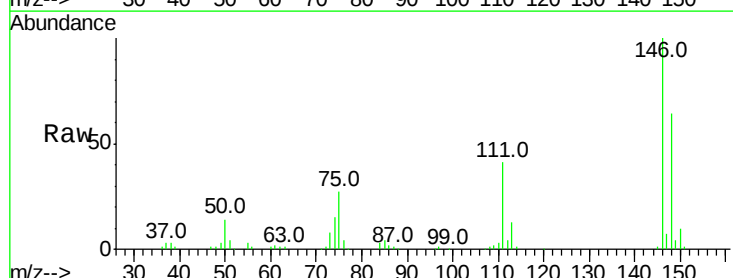
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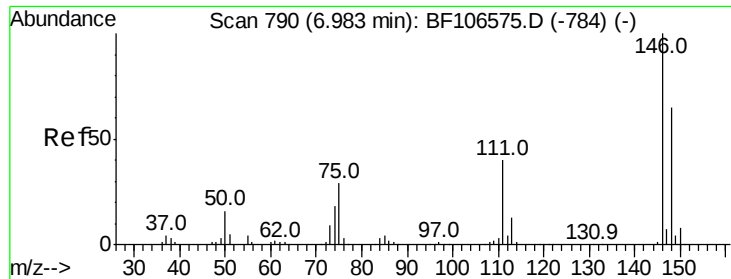
Sohil
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#12
1,3-Dichlorobenzene
Concen: 42.976 ng
RT: 6.90 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	141473		
148	63.9	51.8	77.8	
75	27.3	24.2	36.4	





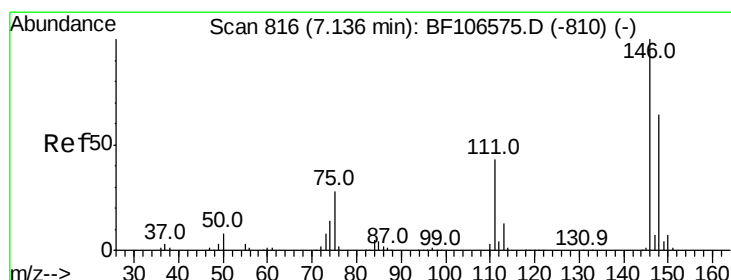
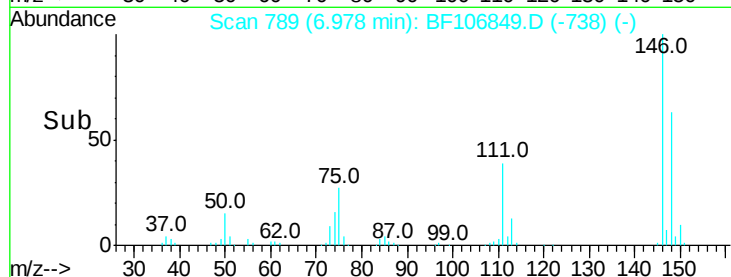
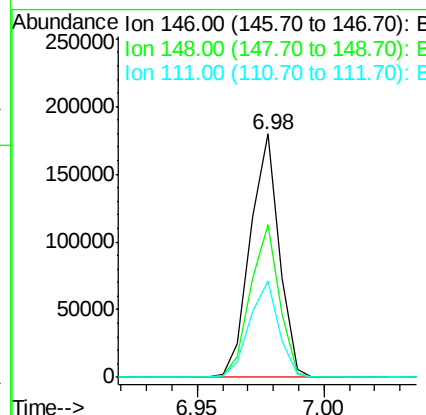
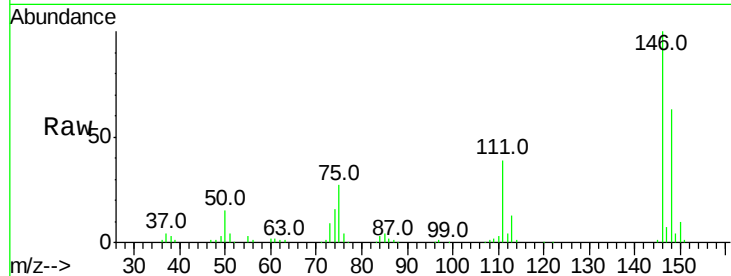
#13
 1,4-Dichlorobenzene
 Concen: 42.811 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.8	76.2
111	39.4	34.2	51.2

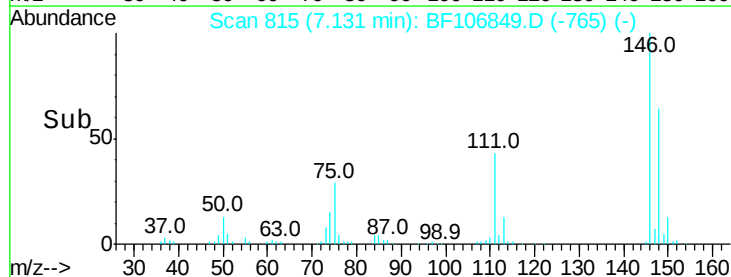
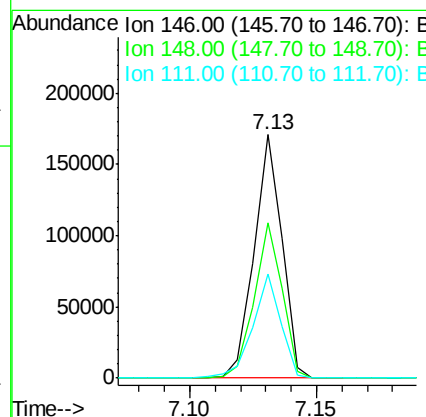
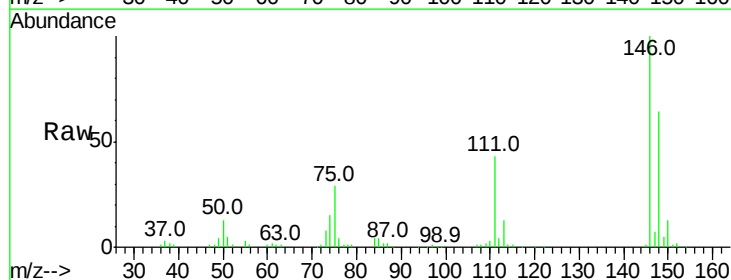
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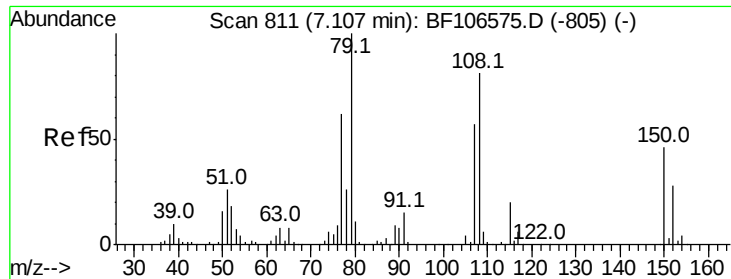
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#14
 1,2-Dichlorobenzene
 Concen: 42.990 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	75.8
111	42.5	36.0	54.0





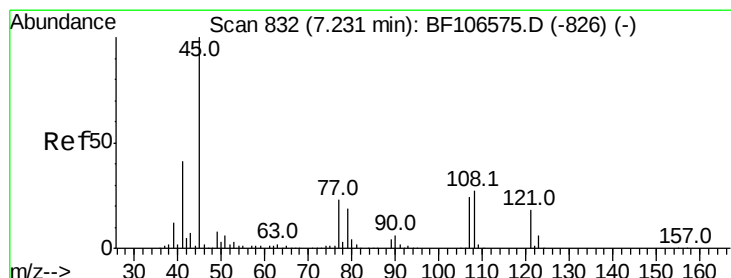
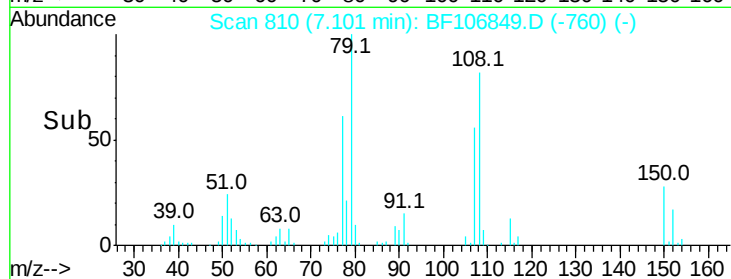
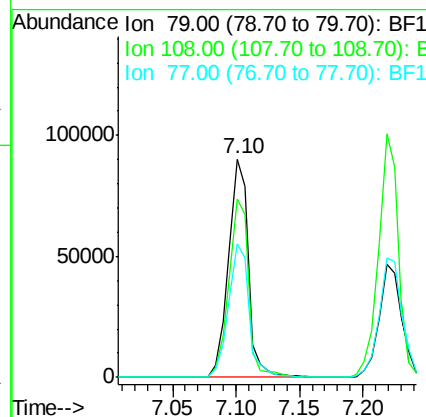
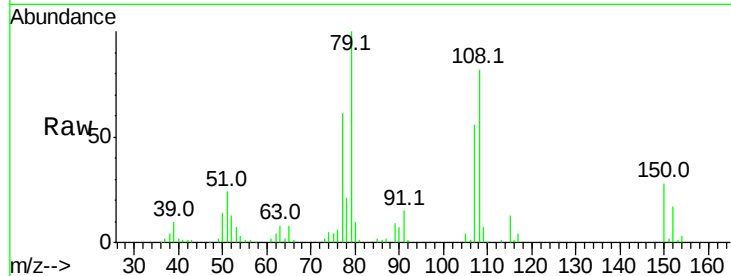
#15
Benzyl Alcohol
Concen: 38.315 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Instrument :
BNA_F
ClientSampleId :
PB110514BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.5	65.1	97.7
77	61.4	50.6	75.8

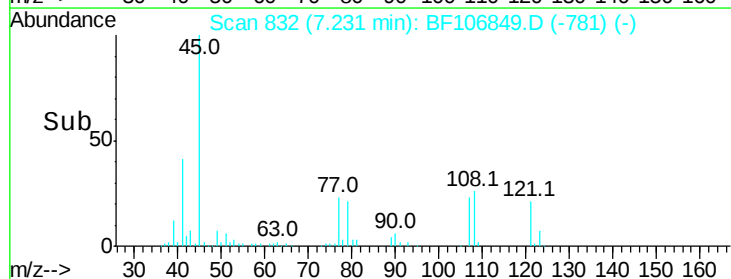
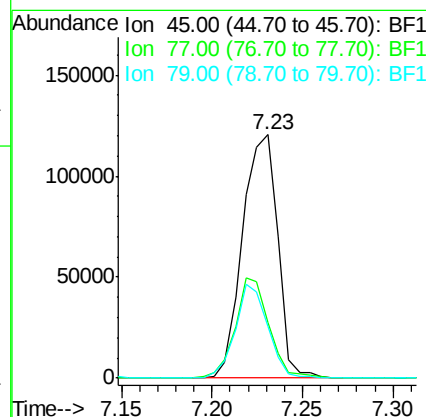
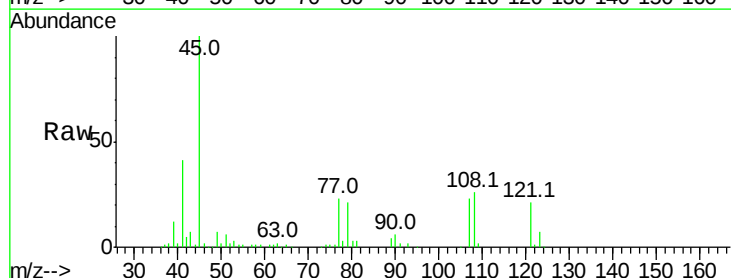
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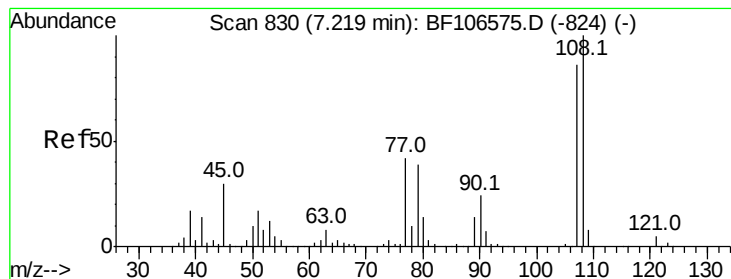
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#16
2,2'-oxybis(1-chloropropane)
Concen: 40.971 ng
RT: 7.23 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.7	0.0	32.9
79	21.0	0.0	29.6





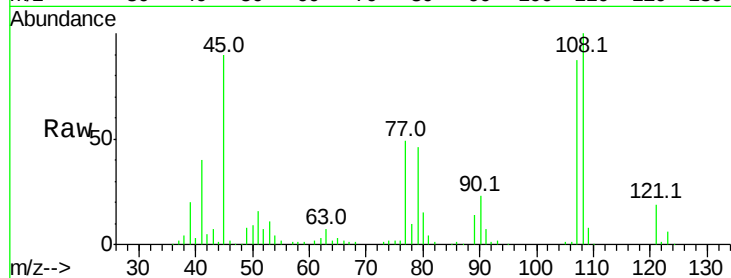
#17
2-Methylphenol
Concen: 40.318 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Instrument :
BNA_F
ClientSampleId :
PB110514BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.7	91.7	137.5
77	56.5	33.8	50.8#
79	53.2	33.8	50.8#

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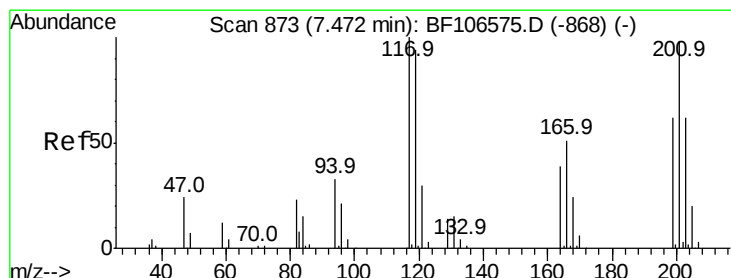
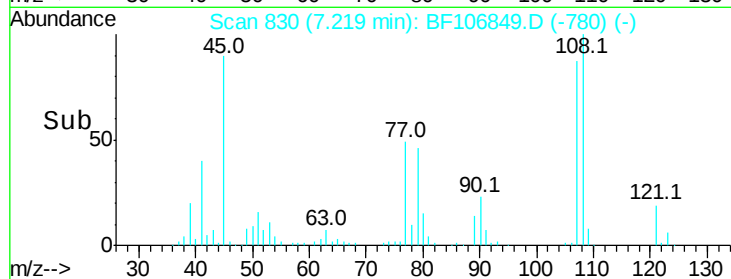
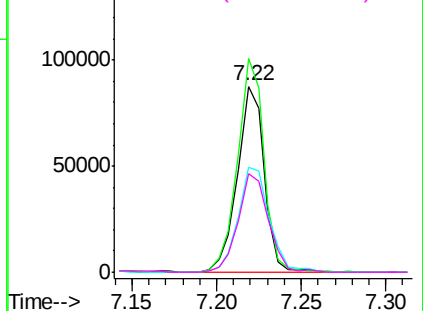
Abundance

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: 34.442 ng
RT: 7.47 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

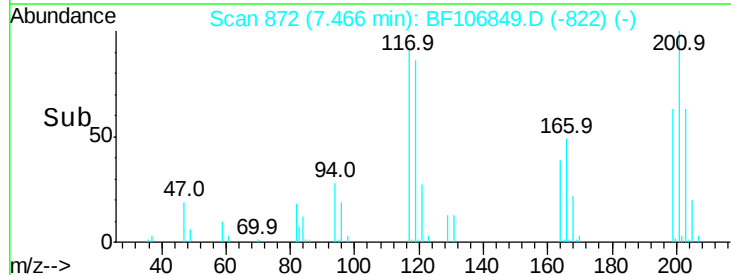
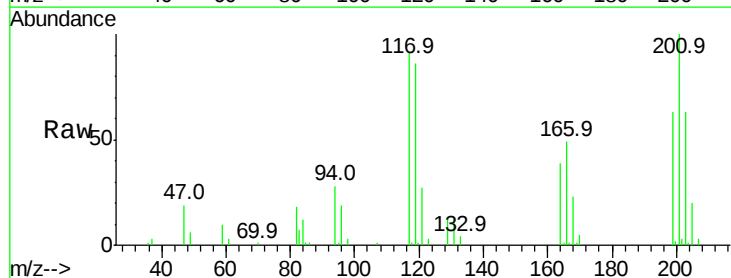
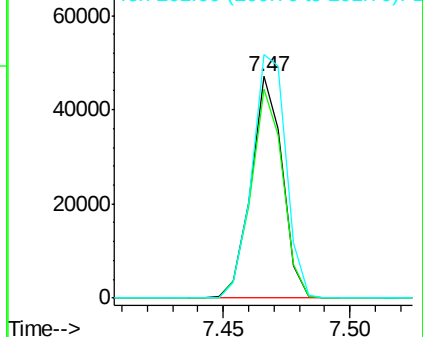
Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.8	113.8
201	110.0	75.7	113.5

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





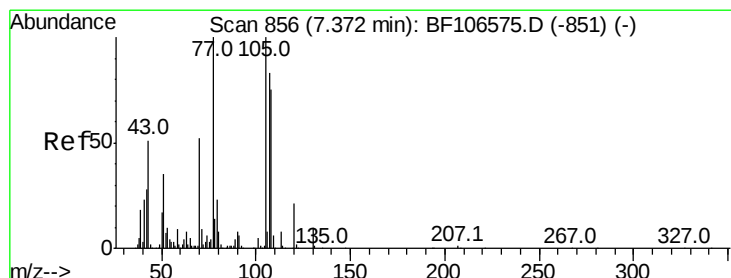
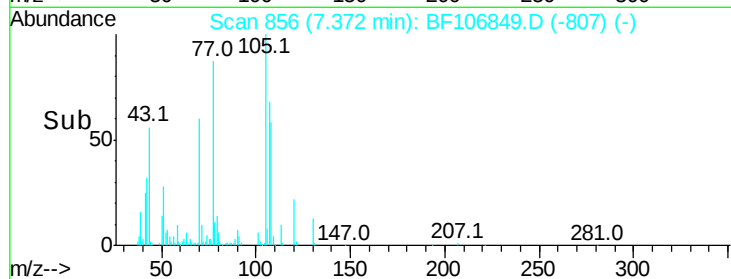
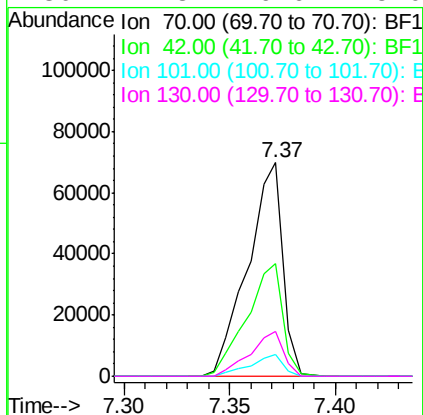
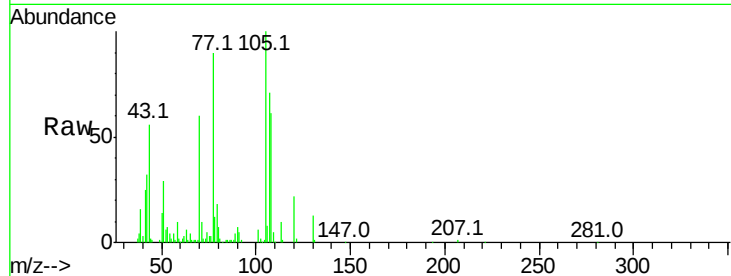
#19
n-Nitroso-di-n-propylamine
Concen: 38.217 ng
RT: 7.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Instrument :
BNA_F
ClientSampleId :
PB110514BSD

Tot Ion	70	Resp:	80615
Ion	Ratio	Lower	Upper
70	100		
42	52.6	47.5	71.3
101	10.3	7.4	11.2
130	21.3	16.6	25.0

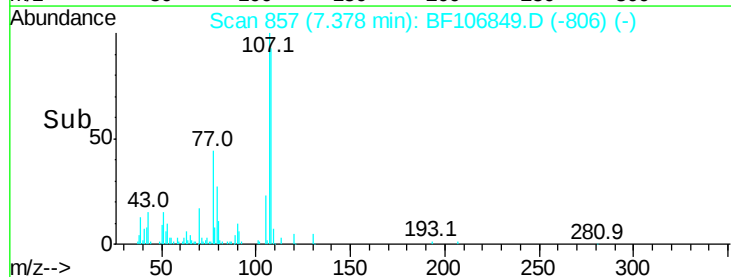
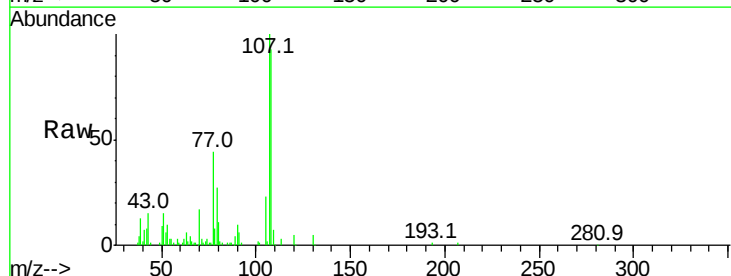
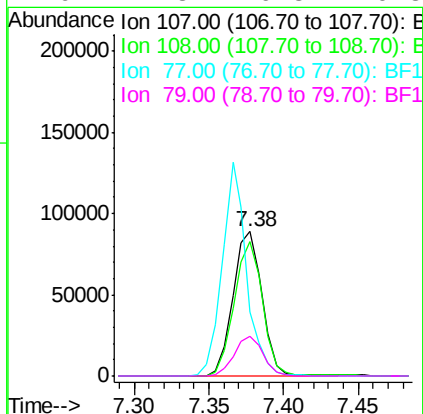
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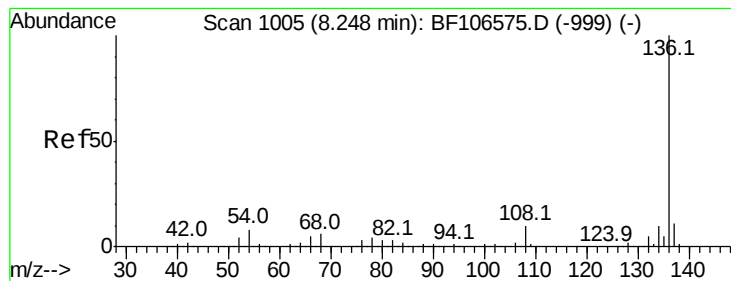
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#20
3+4-Methylphenols
Concen: 47.419 ng
RT: 7.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion	107	Resp:	121269
Ion	Ratio	Lower	Upper
107	100		
108	93.0	68.2	108.2
77	44.1	26.7	66.7
79	27.3	6.3	46.3





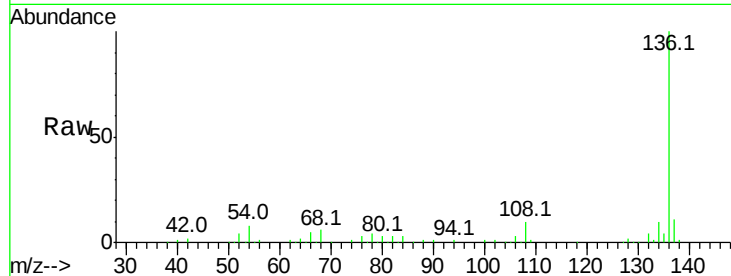
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Instrument :
BNA_F
ClientSampleId :
PB110514BSD

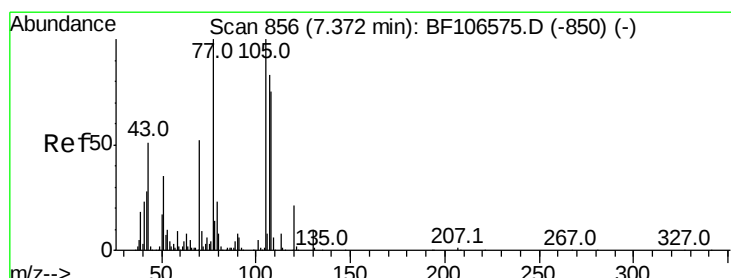
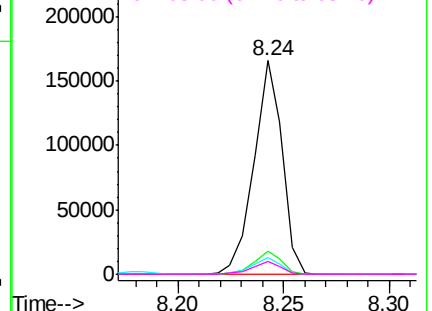
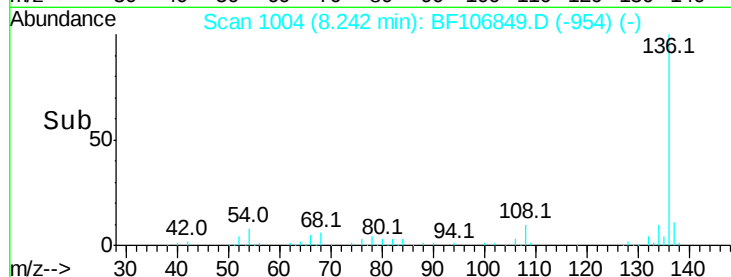
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	7.8	6.6	9.8	
68	6.1	5.0	7.4	

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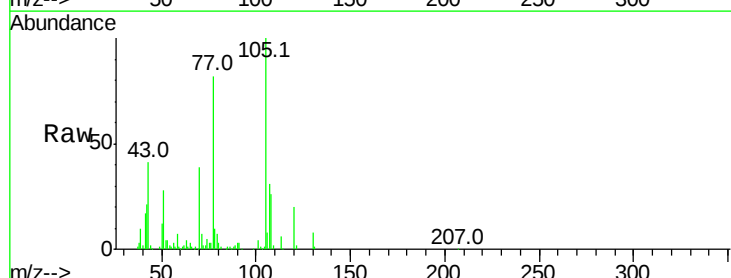


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

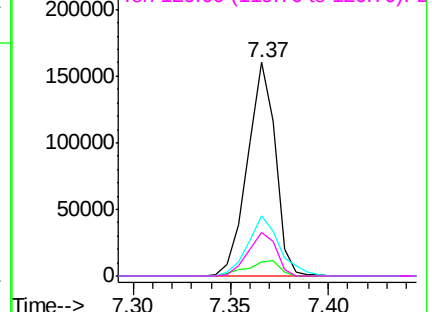
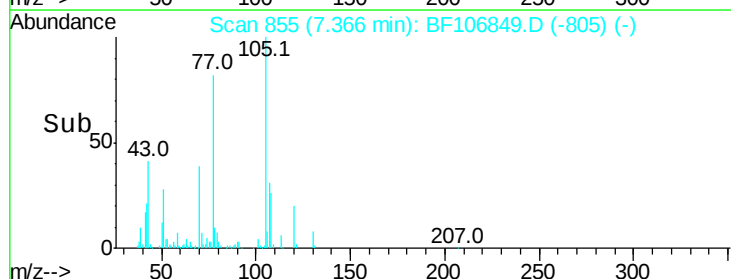


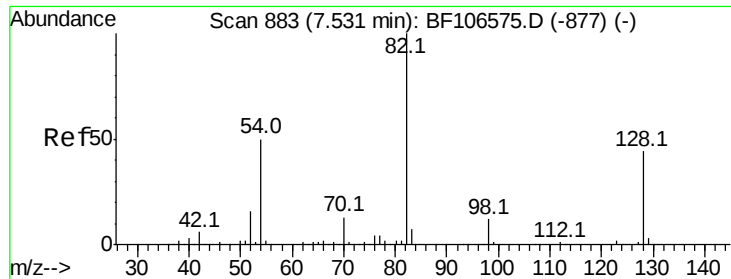
#22
Acetophenone
Concen: 45.963 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.7	4.4	6.6#	
51	28.3	22.3	33.5	
120	20.2	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: 88.964 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

ClientSampleId :

PB110514BSD

Tot Ion: 82 Resp: 247022
Ion Ratio Lower Upper

82 100

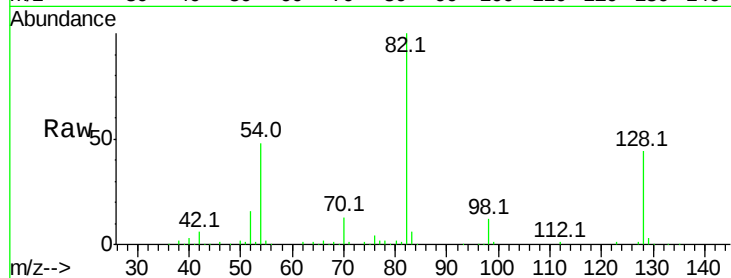
128 44.2 36.1 54.1

54 48.3 41.4 62.2

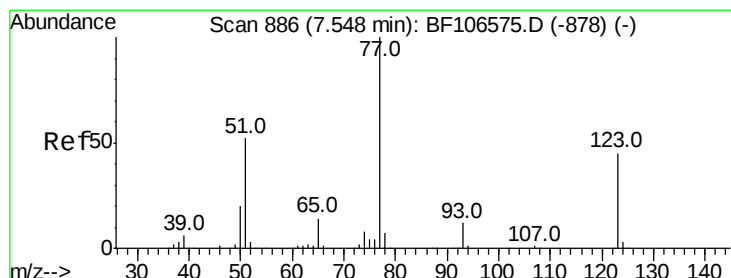
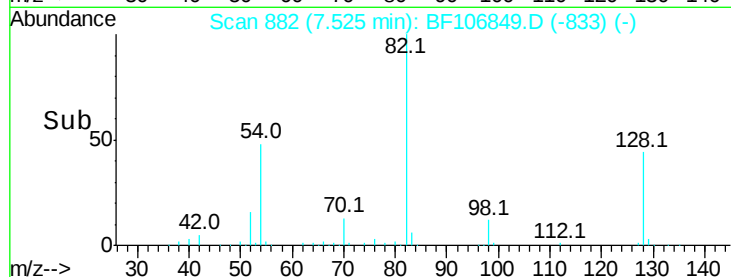
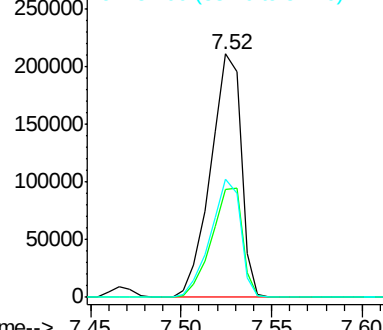
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 42.909 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF106849.D

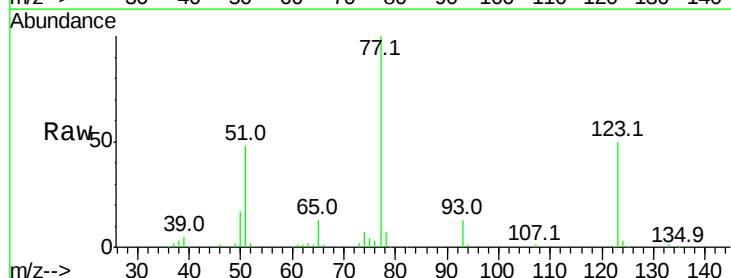
Acq: 27 Jun 2018 3:48

Tgt Ion: 77 Resp: 121640
Ion Ratio Lower Upper

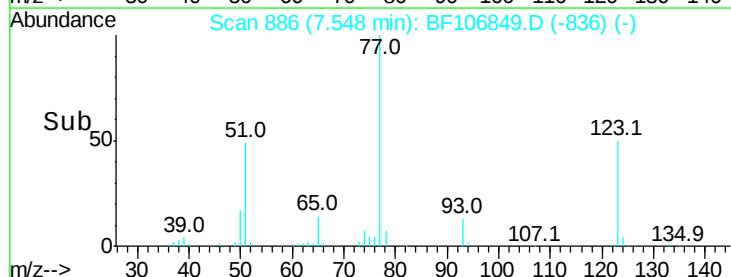
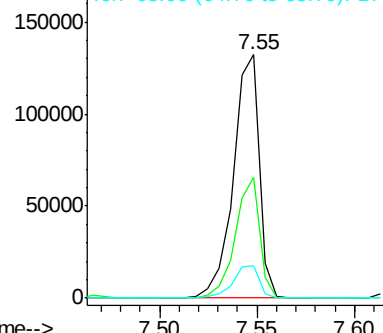
77 100

123 49.6 37.9 56.9

65 13.4 11.0 16.4



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





#25

Isophorone

Concen: 44.794 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

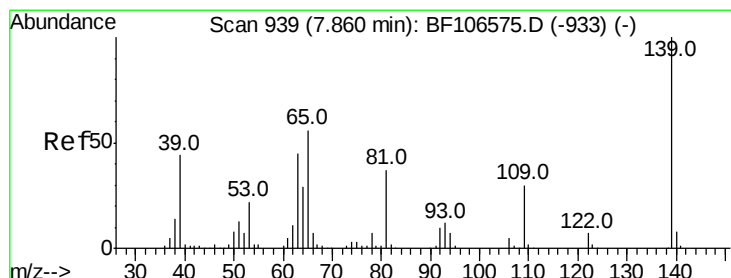
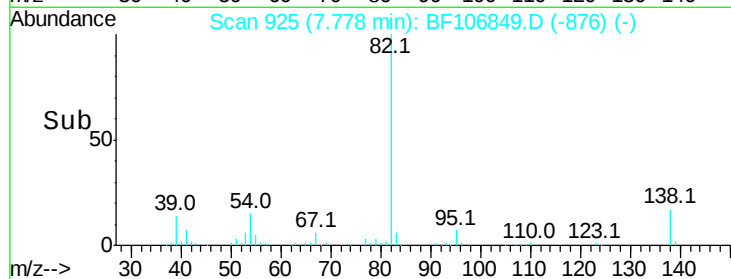
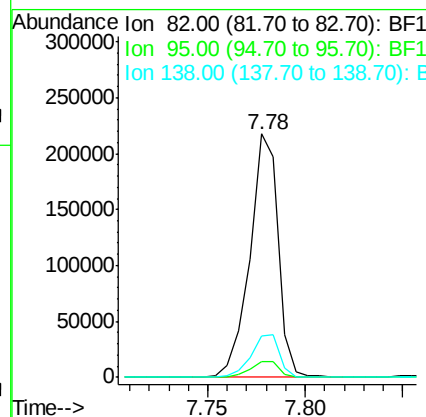
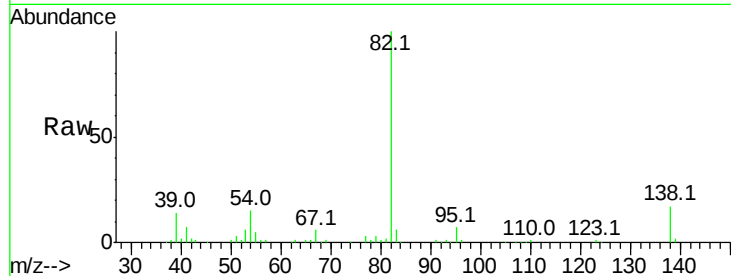
ClientSampleId :

PB110514BSD

Tot Ion:	82	Resp:	219172
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.2	7.8
138	17.2	14.9	22.3

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#26

2-Nitrophenol

Concen: 37.380 ng

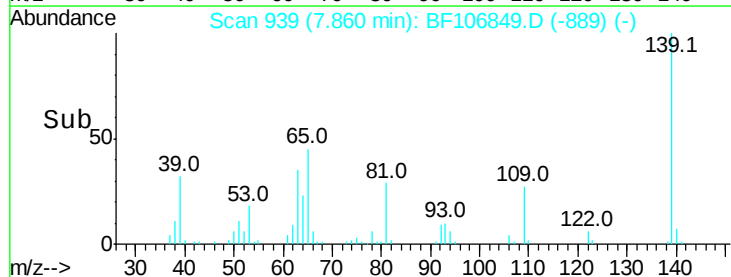
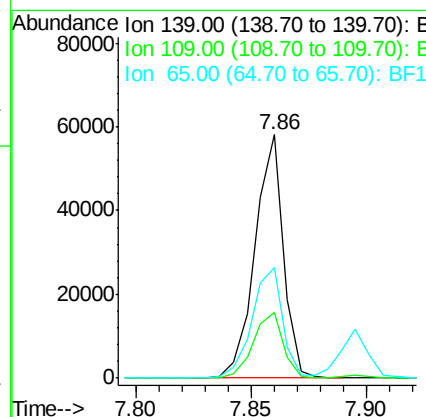
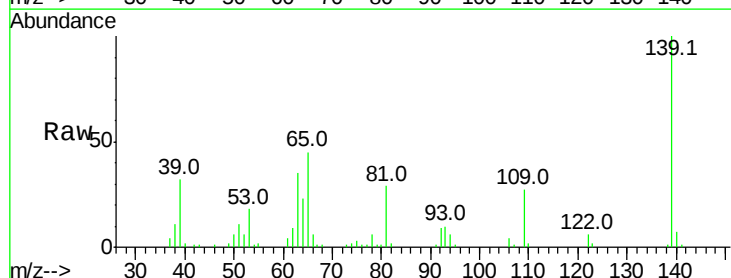
RT: 7.86 min Scan# 939

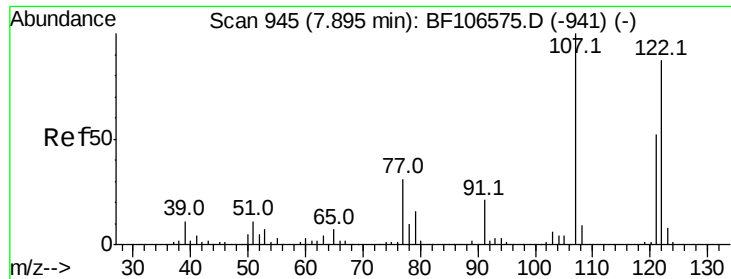
Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Tgt Ion:	139	Resp:	50023
Ion Ratio	Lower	Upper	
139	100		
109	26.7	22.7	34.1
65	45.2	40.5	60.7





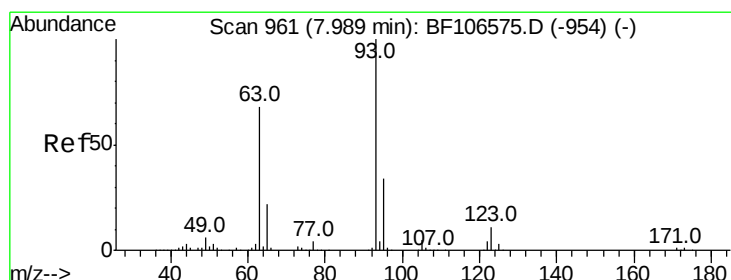
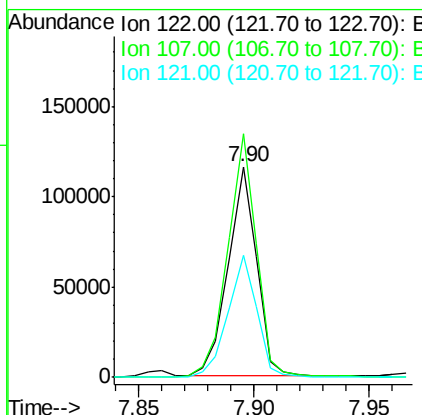
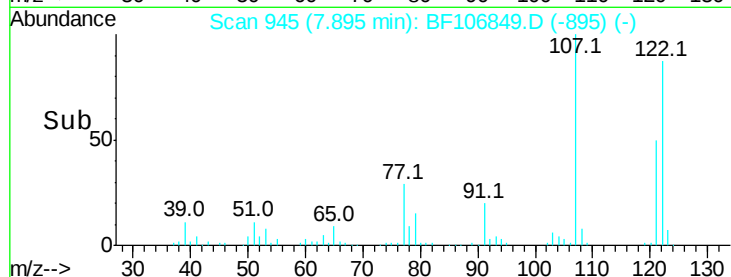
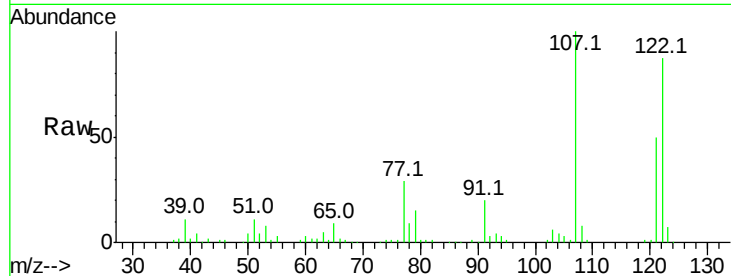
#27
 2,4-Dimethylphenol
 Concen: 48.386 ng
 RT: 7.90 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	100084		
107	115.5		91.2	136.8
121	58.0		47.2	70.8

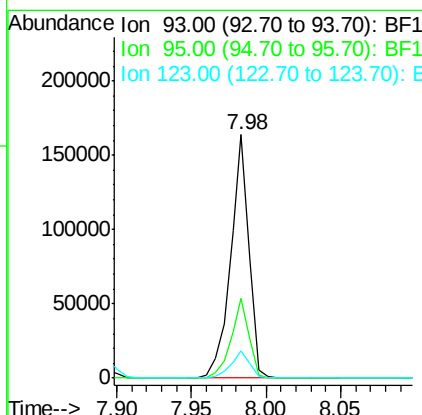
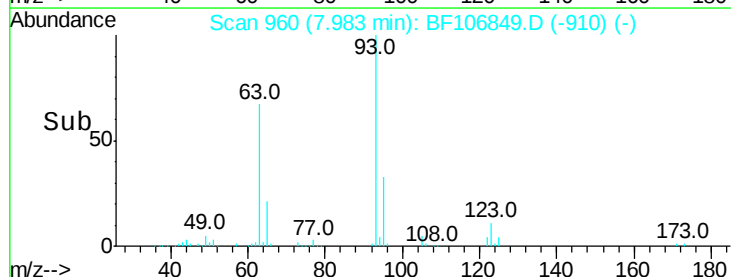
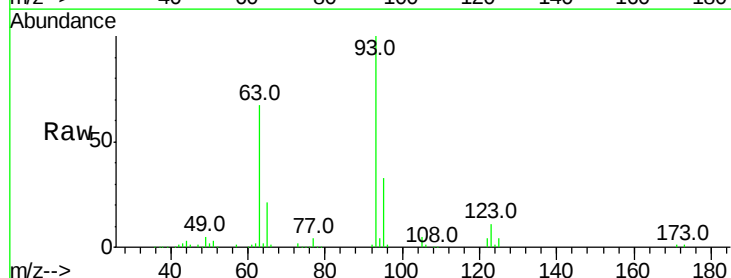
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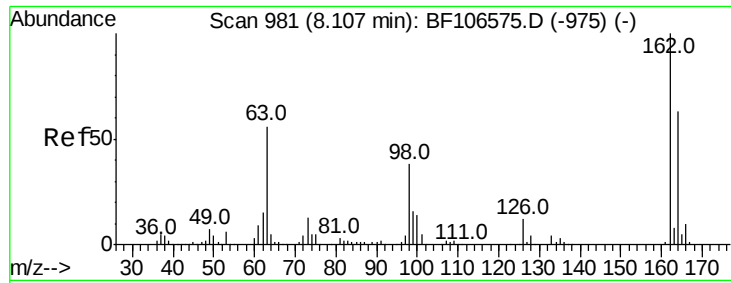
Sohil
 6/27/2018 2:14:41 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.280 ng
 RT: 7.98 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	142183		
95	32.8		26.3	39.5
123	11.1		9.8	14.6





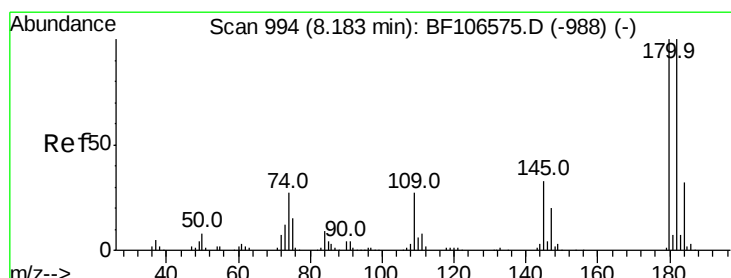
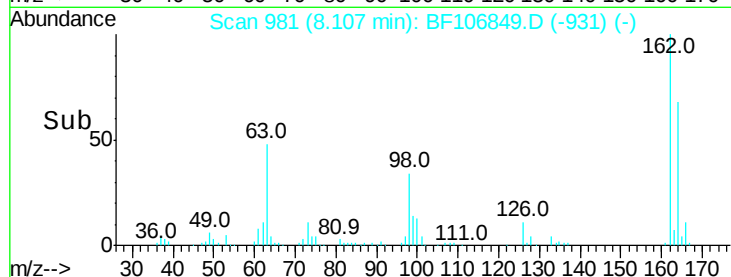
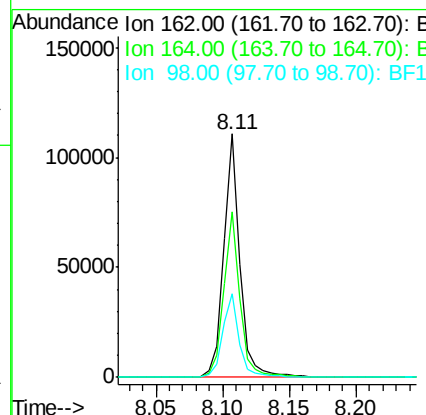
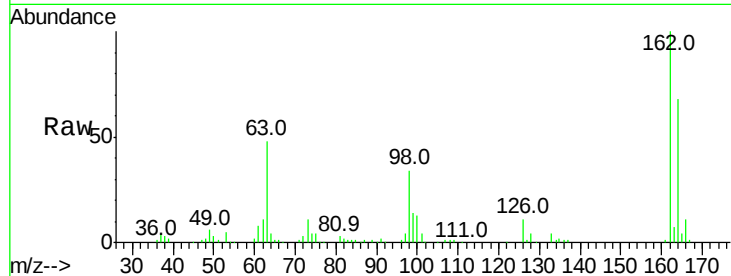
#29
2,4-Dichlorophenol
Concen: 44.289 ng
RT: 8.11 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Instrument :
BNA_F
ClientSampled :
PB110514BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	68.0	42.7	82.7
98	34.4	18.1	58.1

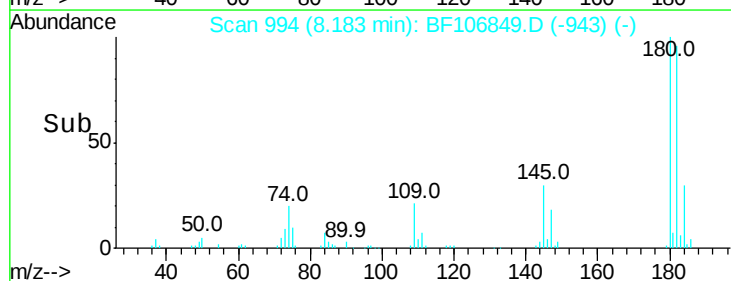
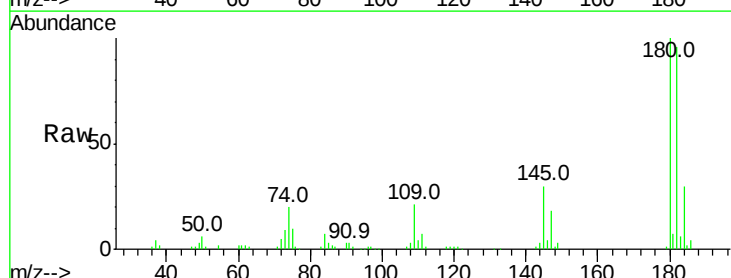
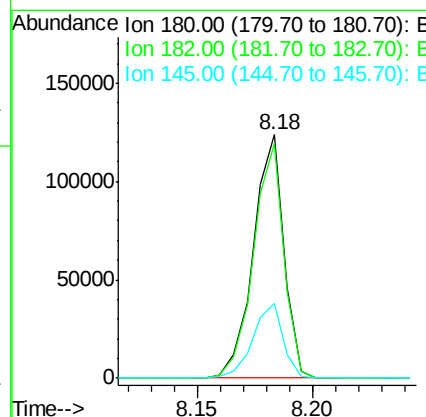
Manual Integrations
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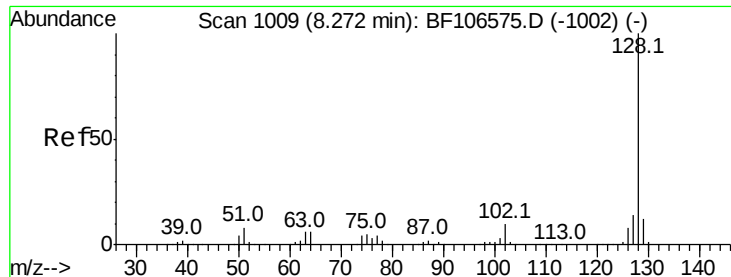
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#30
1,2,4-Trichlorobenzene
Concen: 47.917 ng
RT: 8.18 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.4	76.8	115.2
145	30.4	26.5	39.7





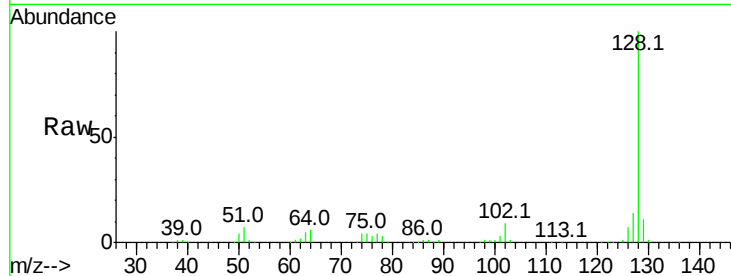
#31
Naphthalene
Concen: 45.199 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Instrument :
BNA_F
ClientSampleId :
PB110514BSD

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.5	10.9	16.3

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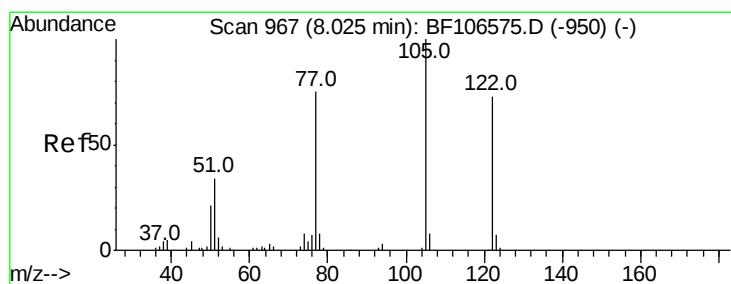
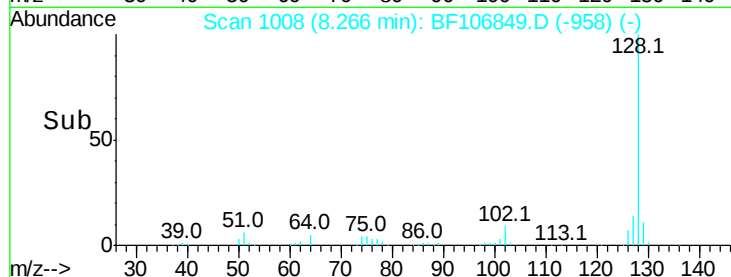
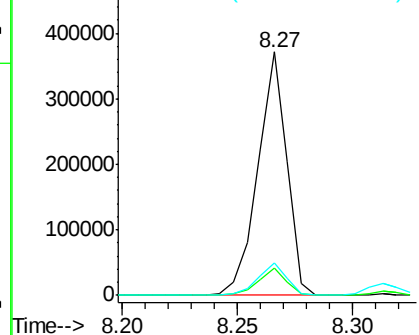


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 20.788 ng m
RT: 7.98 min Scan# 960
Delta R.T. -0.06 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

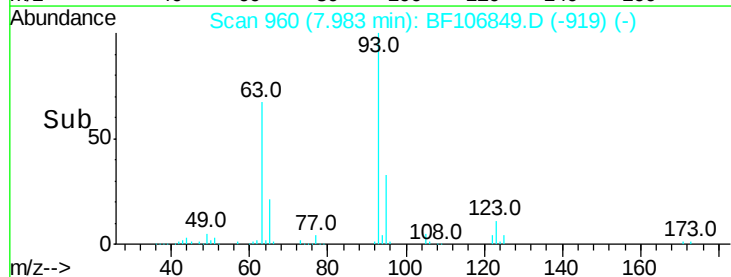
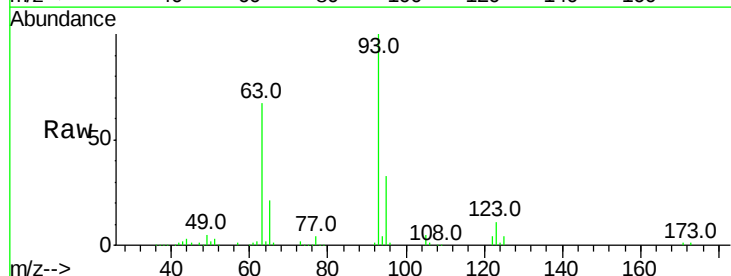
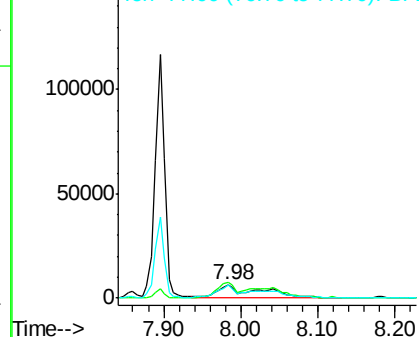
Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	119.7	101.1	141.1
77	92.8	70.7	110.7

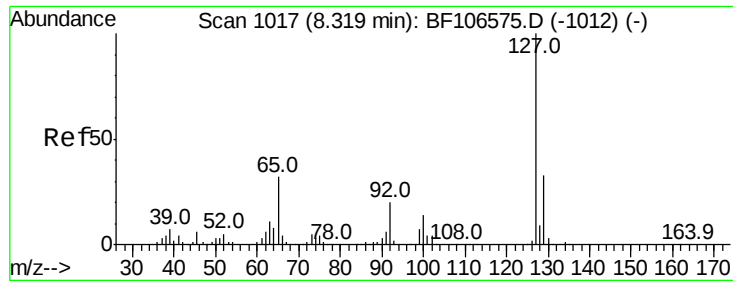
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





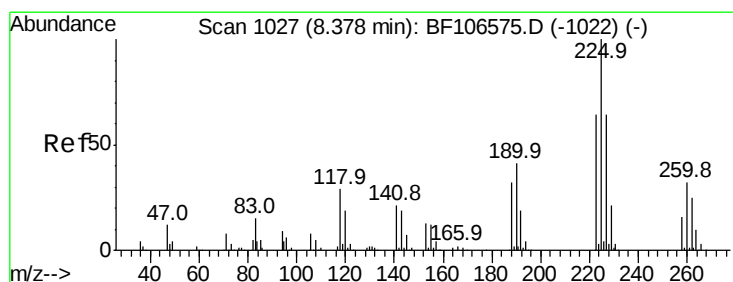
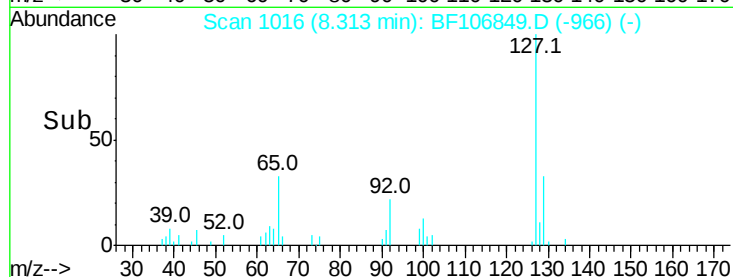
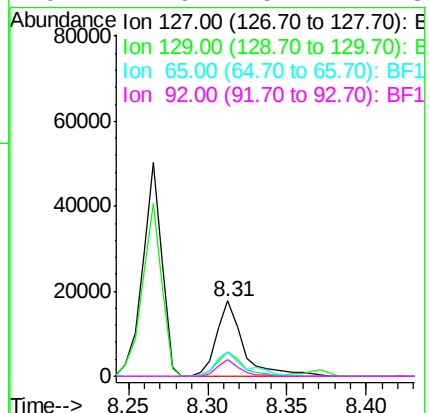
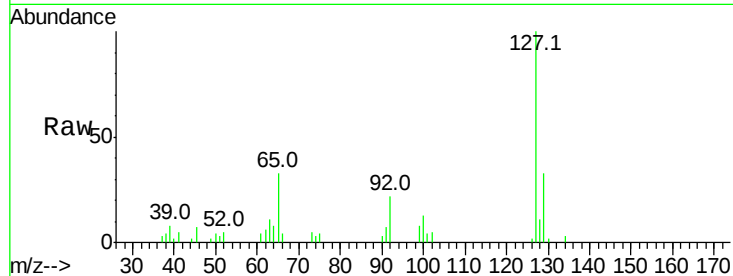
#33
4-Chloroaniline
Concen: 6.891 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Instrument :
BNA_F
ClientSampleId :
PB110514BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	25.9	38.9	
65	32.6	25.0	37.4	
92	21.6	15.2	22.8	

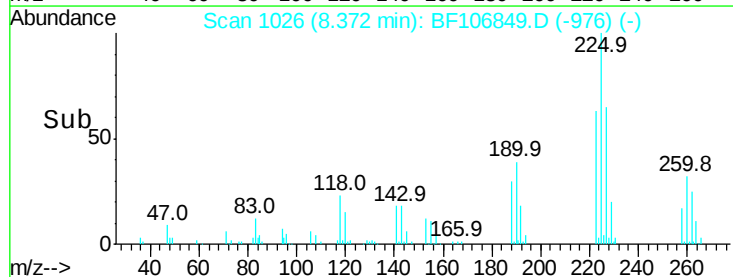
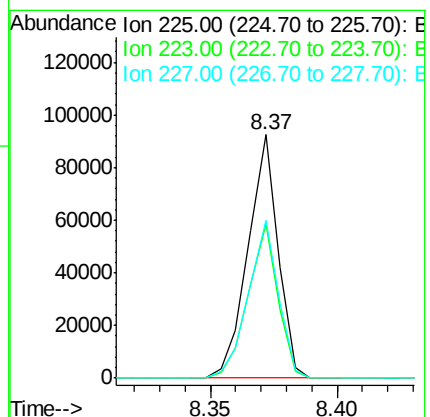
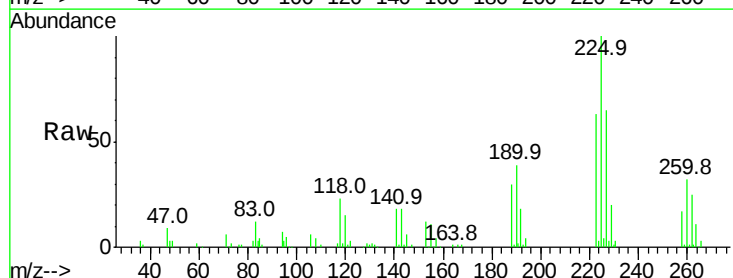
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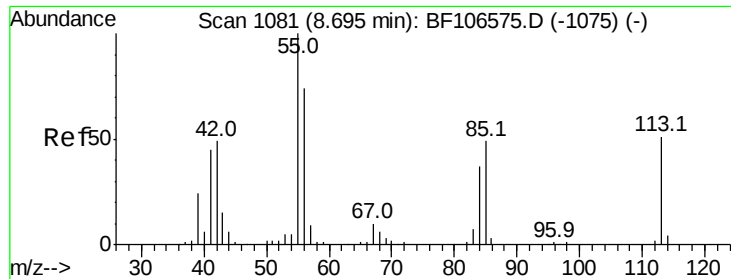
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#34
Hexachlorobutadiene
Concen: 49.266 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	50.6	76.0	
227	64.8	51.9	77.9	





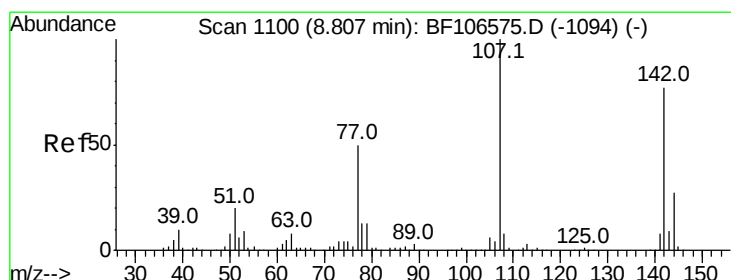
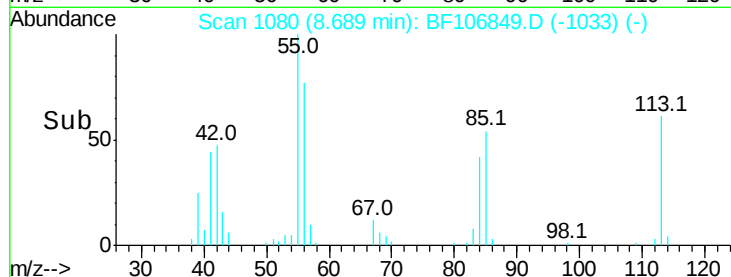
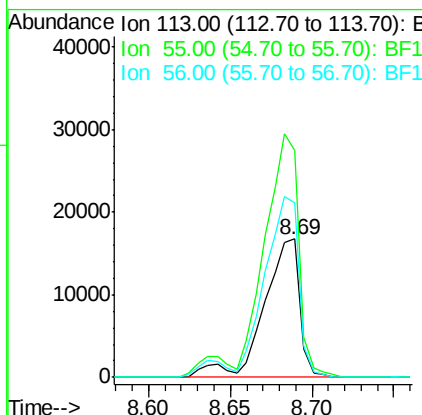
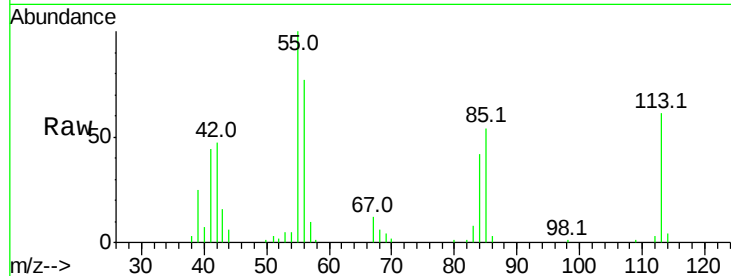
#35
 Caprolactam
 Concen: 36.226 ng/ml
 RT: 8.69 min Scan# 1080
 Delta R.T. -0.02 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Instrument :
 BNA_F
 ClientSampleID :
 PB110514BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	163.6	163.3	203.3
56	125.9	115.7	155.7

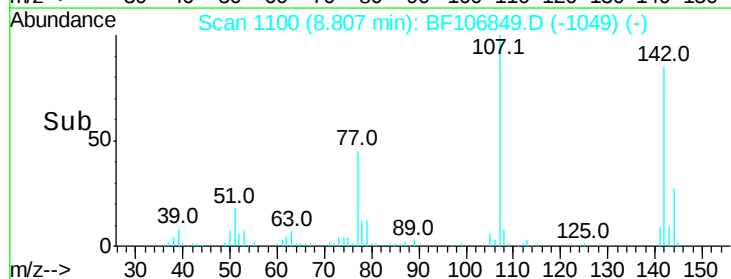
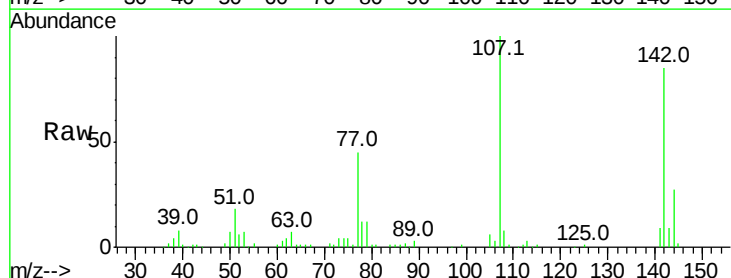
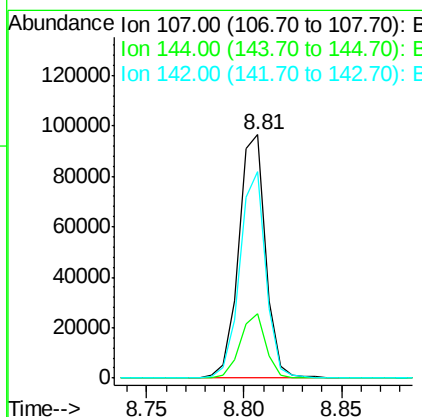
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#36
 4-Chloro-3-methylphenol
 Concen: 40.594 ng/ml
 RT: 8.81 min Scan# 1100
 Delta R.T. -0.00 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.5	30.7
142	84.6	62.0	93.0





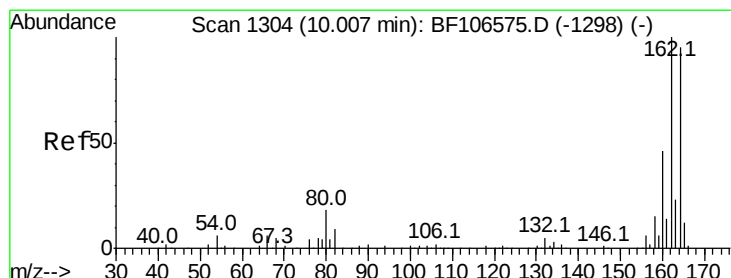
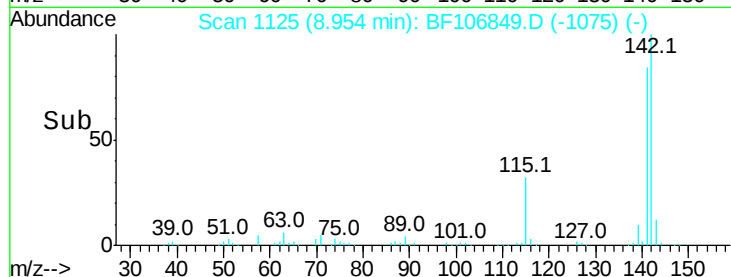
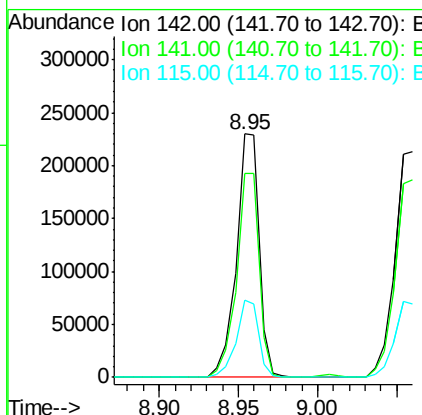
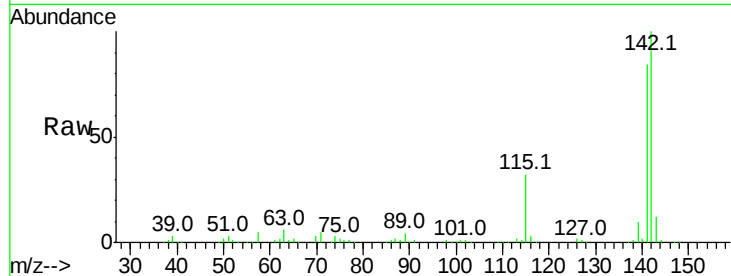
#37
2-Methylnaphthalene
Concen: 47.986 ng
RT: 8.95 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Instrument :
BNA_F
ClientSampleId :
PB110514BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.9	70.8	106.2
115	31.7	26.1	39.1

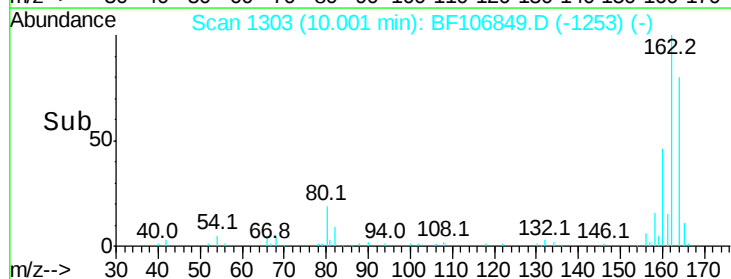
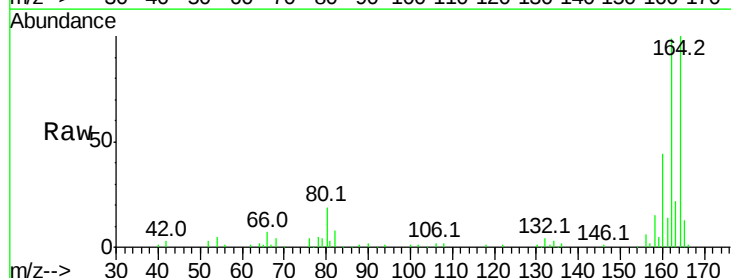
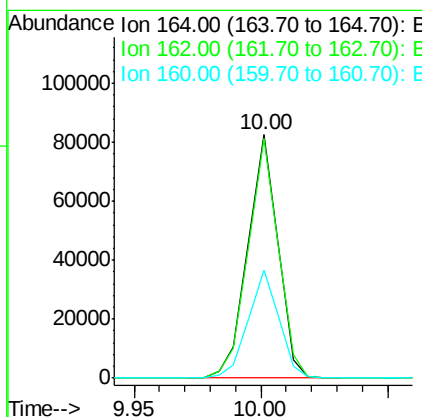
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.5	86.1	129.1
160	44.3	38.3	57.5





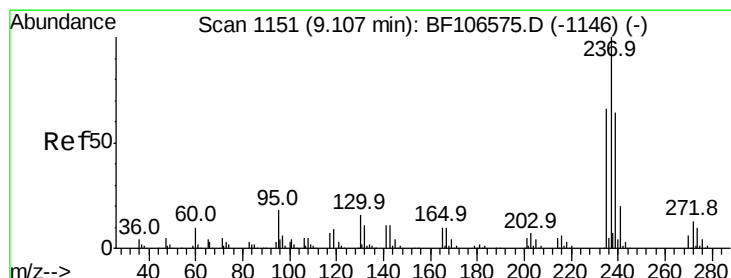
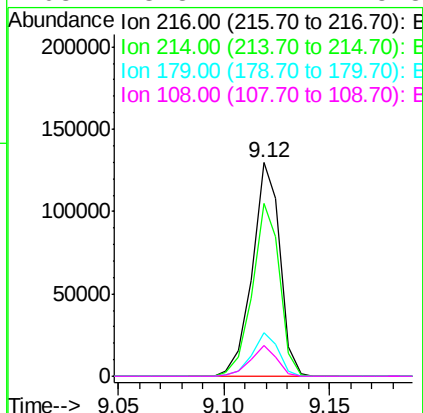
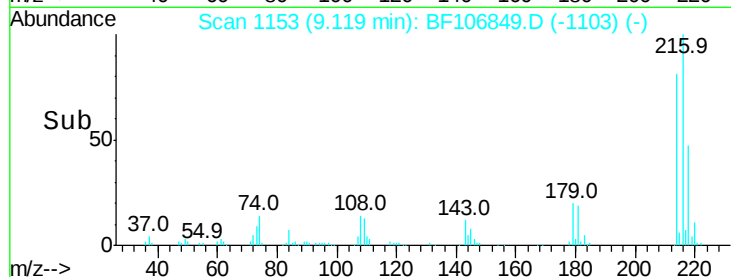
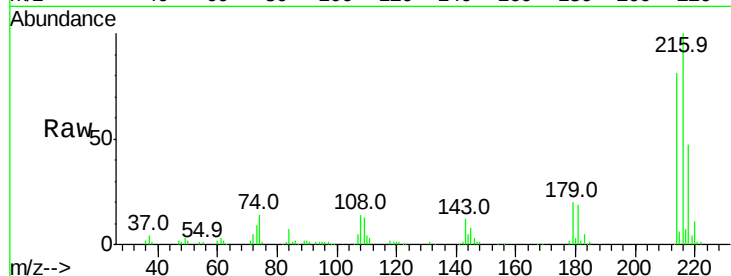
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 51.046 ng
 RT: 9.12 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.5	63.0	94.4
179	19.2	18.1	27.1
108	13.8	17.2	25.8

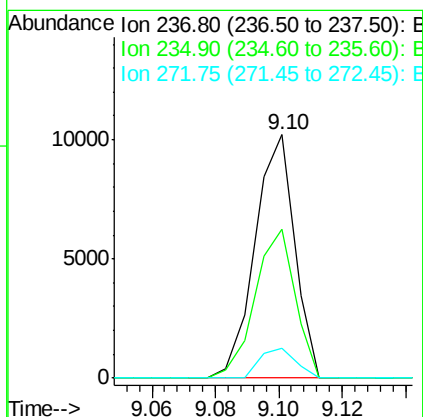
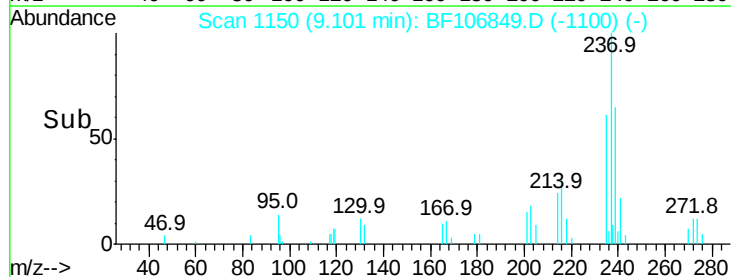
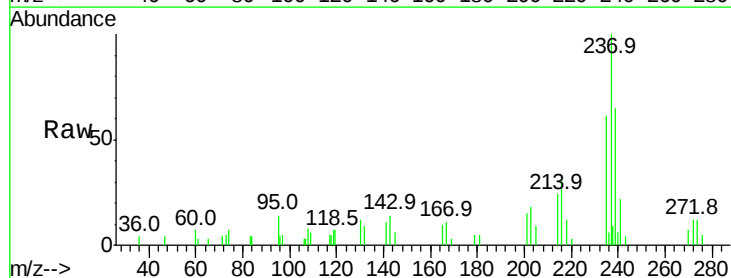
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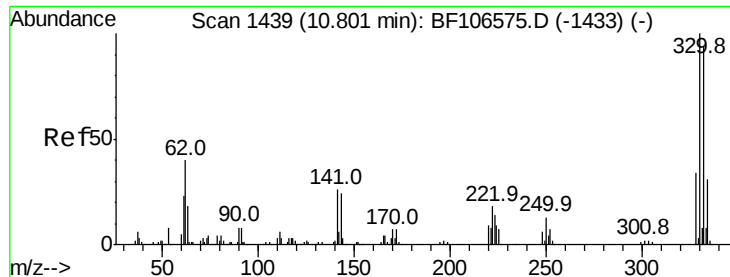
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#40
 Hexachlorocyclopentadiene
 Concen: 7.459 ng
 RT: 9.10 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.0	44.8	84.8
272	12.1	0.0	33.3





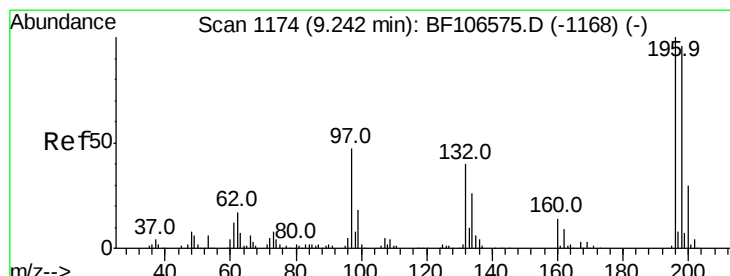
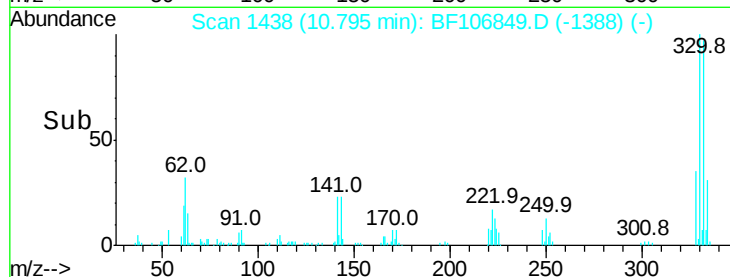
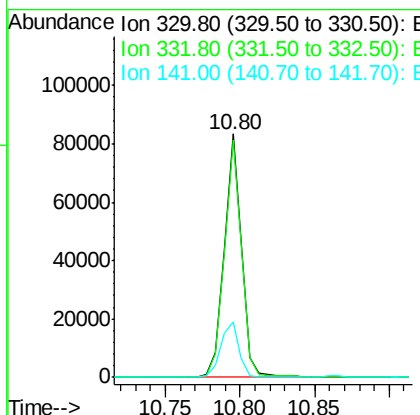
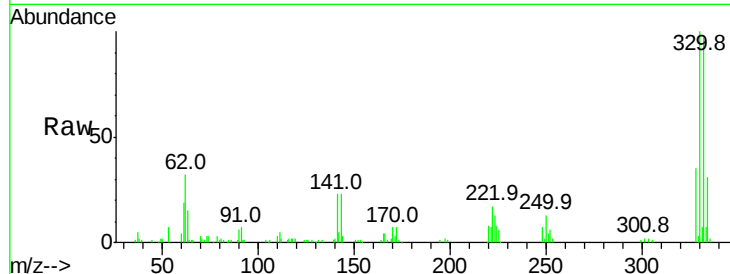
#41
 2,4,6-Tribromophenol
 Concen: 86.579 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	68963		
332	97.1	77.0	115.6	
141	23.5	29.9	44.9#	

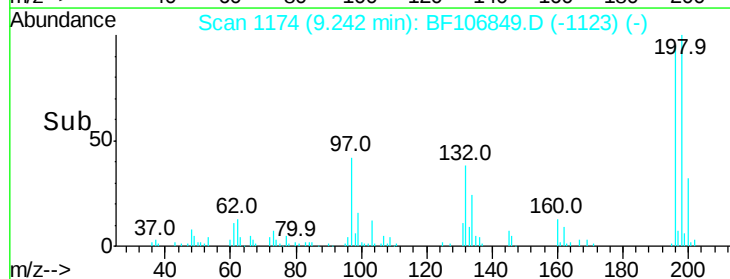
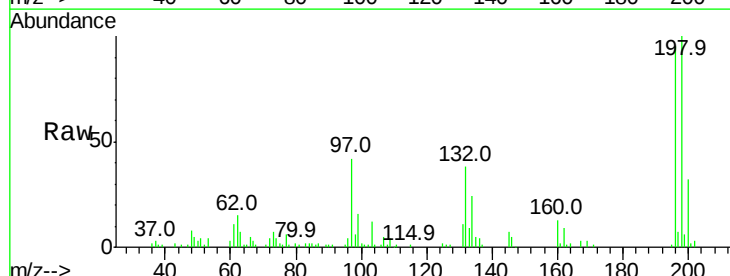
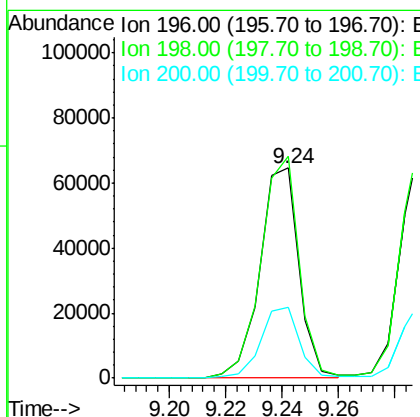
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 40.344 ng
 RT: 9.24 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	62066		
198	105.5	75.7	113.5	
200	34.0	24.5	36.7	





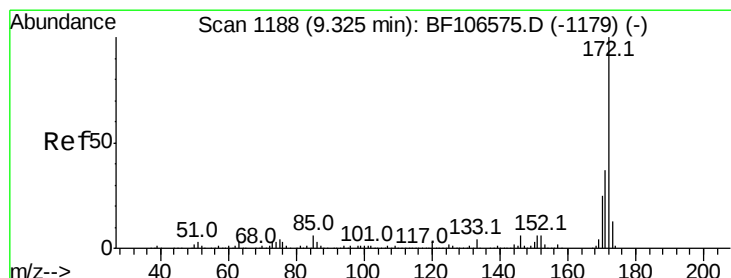
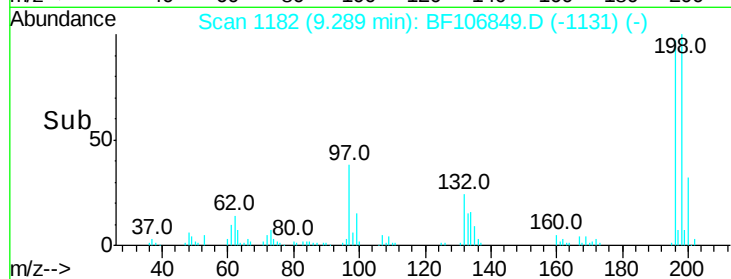
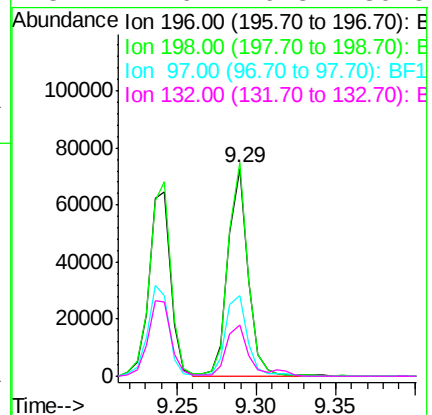
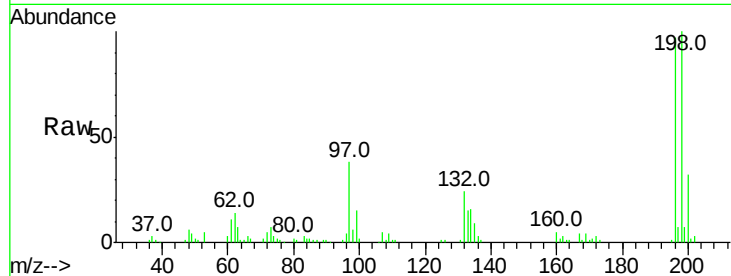
#43
 2,4,5-Trichlorophenol
 Concen: 40.132 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	64424		
198	102.7	74.6	112.0	
97	39.1	42.9	64.3	
132	24.6	26.3	39.5	

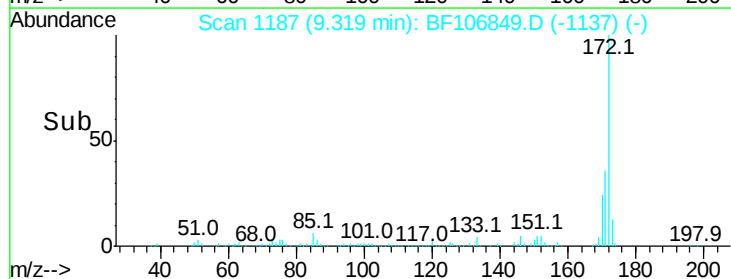
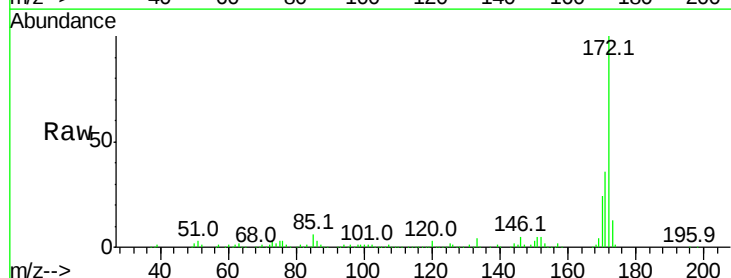
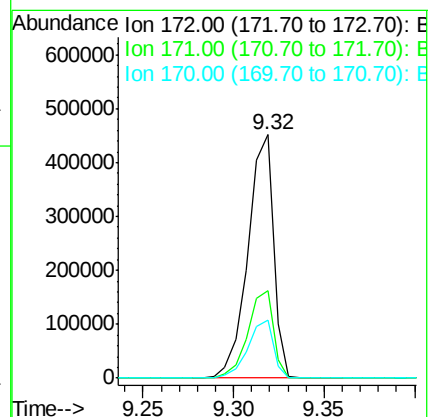
Manual Integrations
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#44
 2-Fluorobiphenyl
 Concen: 114.311 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	443474		
171	35.9	29.7	44.5	
170	24.0	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 48.721 ng

RT: 9.42 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

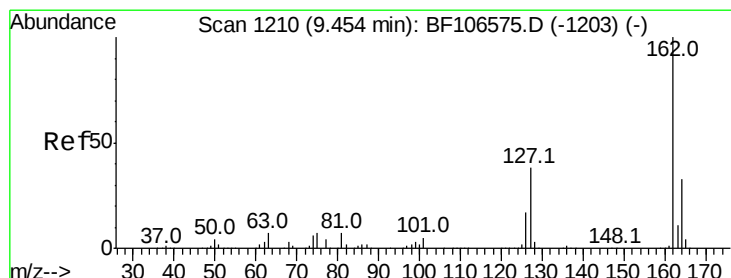
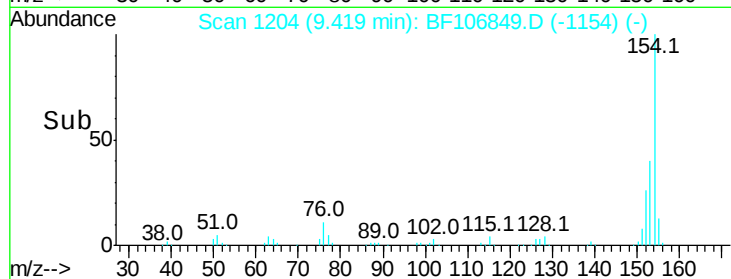
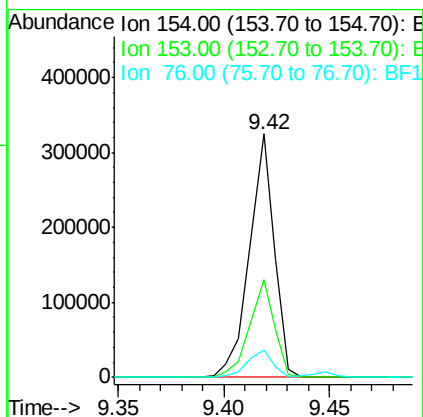
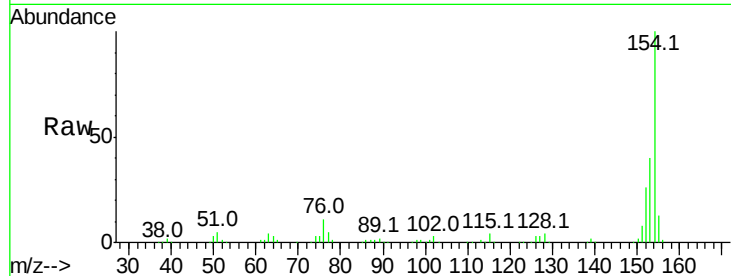
ClientSampleId :

PB110514BSD

Tot Ion:	154	Resp:	266845
Ion Ratio	Lower	Upper	
154	100		
153	40.4	21.3	61.3
76	11.5	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 44.291 ng

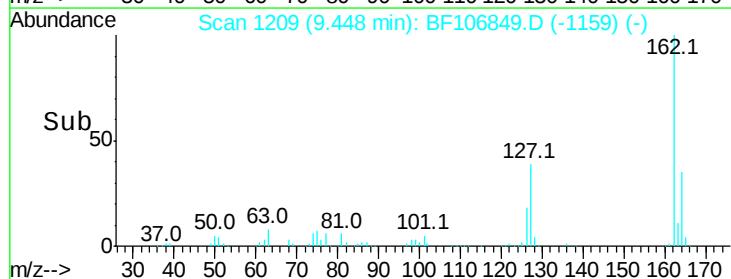
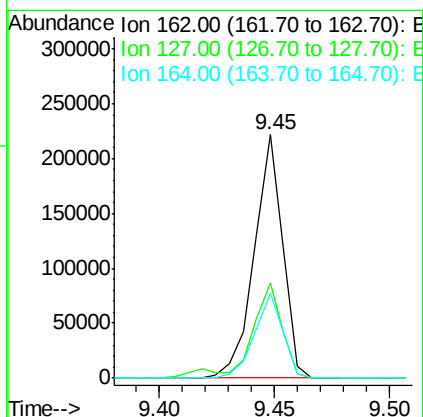
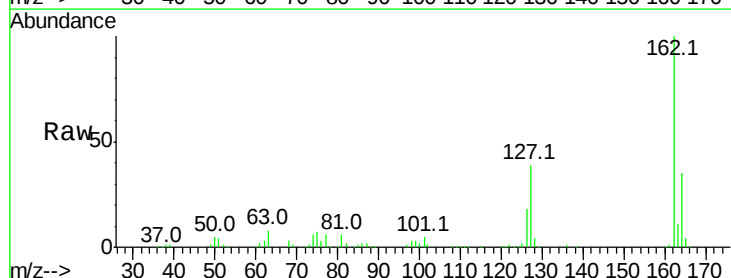
RT: 9.45 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Tgt Ion:	162	Resp:	190947
Ion Ratio	Lower	Upper	
162	100		
127	38.8	33.9	50.9
164	35.0	26.5	39.7





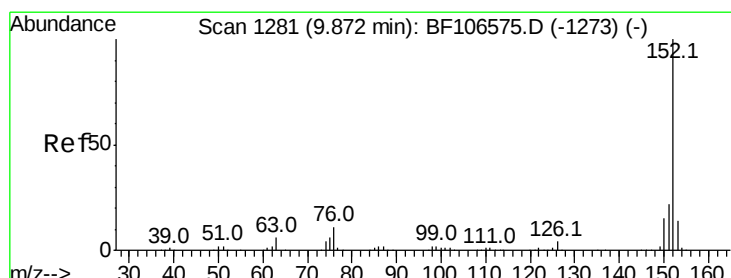
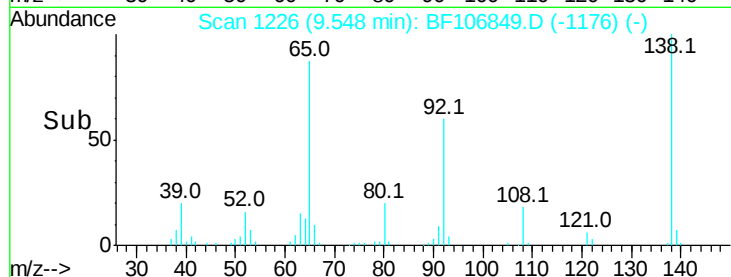
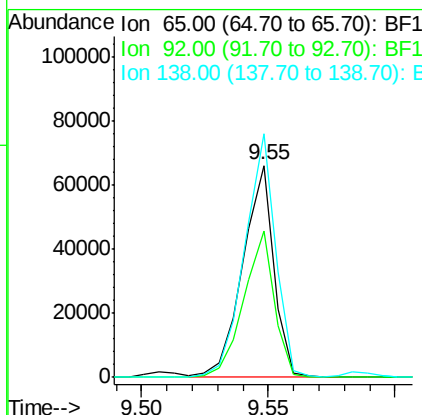
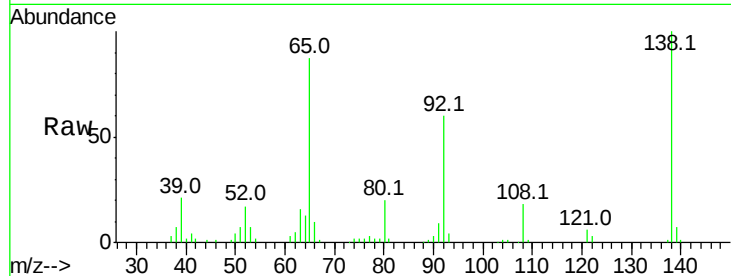
#47
2-Nitroaniline
Concen: 38.790 ng
RT: 9.55 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Instrument :
BNA_F
ClientSampleId :
PB110514BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.1	55.8	83.6
138	115.0	91.2	136.8

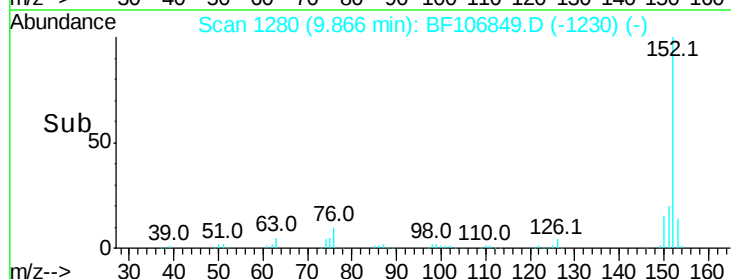
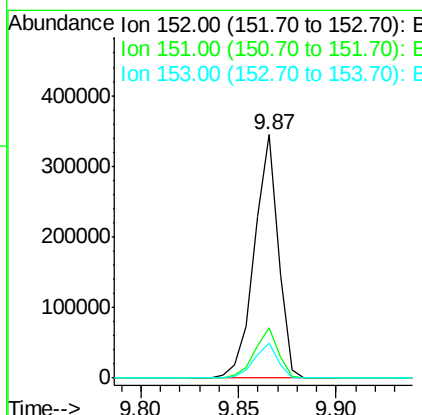
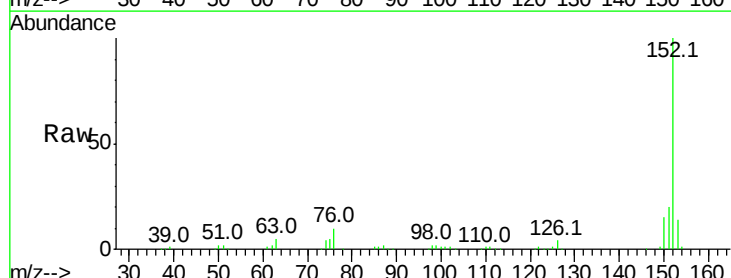
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#48
Acenaphthylene
Concen: 43.020 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	14.4	10.7	16.1





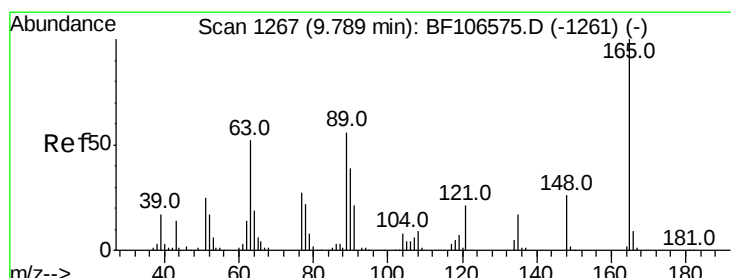
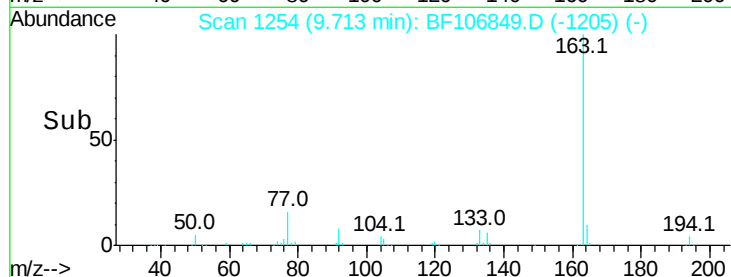
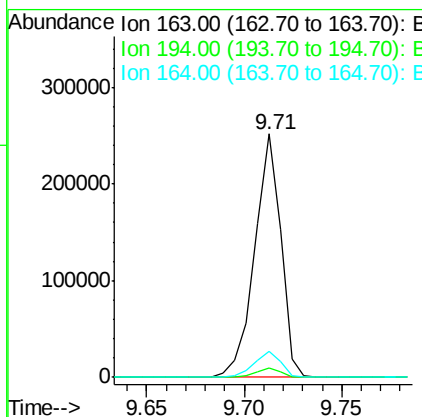
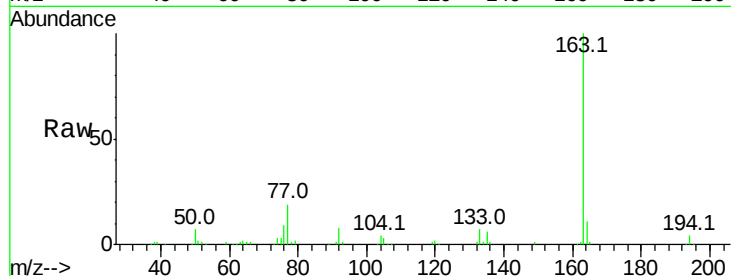
#49
Dimethylphthalate
Concen: 45.240 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Instrument :
BNA_F
ClientSampleId :
PB110514BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	233182		
194	3.9	2.7	4.1	
164	10.7	8.2	12.2	

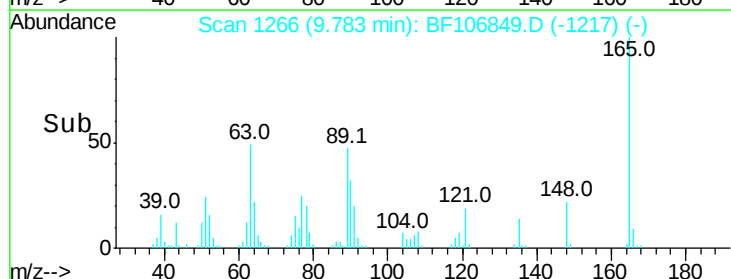
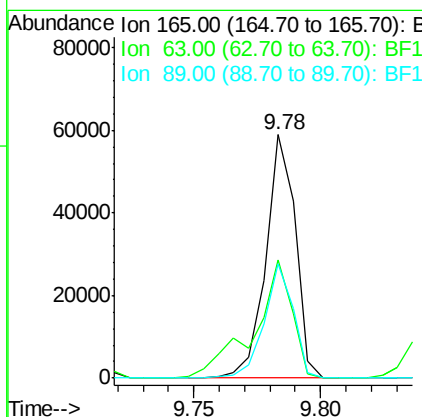
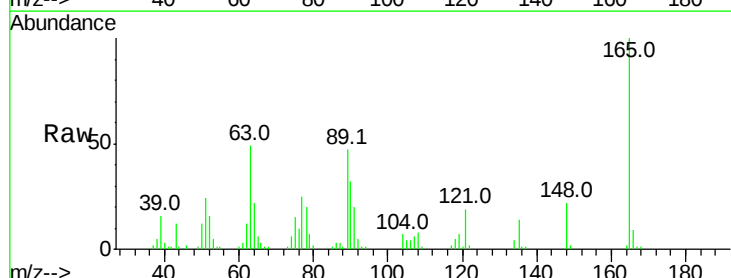
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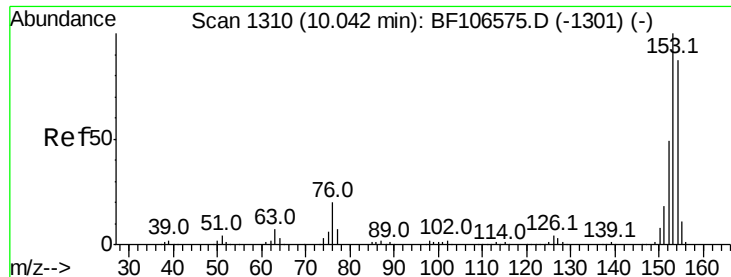
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#50
2,6-Dinitrotoluene
Concen: 44.208 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	48251		
63	48.6	44.7	67.1	
89	46.9	44.0	66.0	





#51

Acenaphthene

Concen: 41.043 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

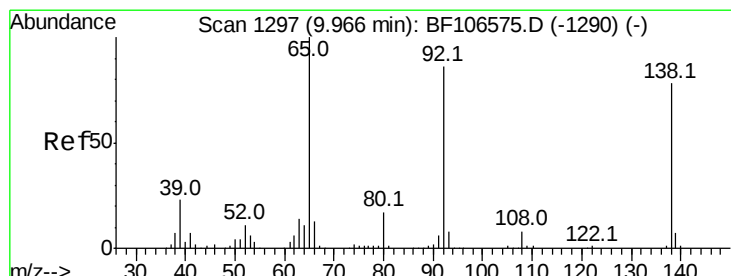
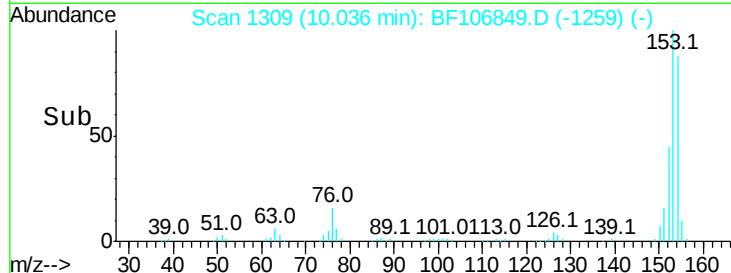
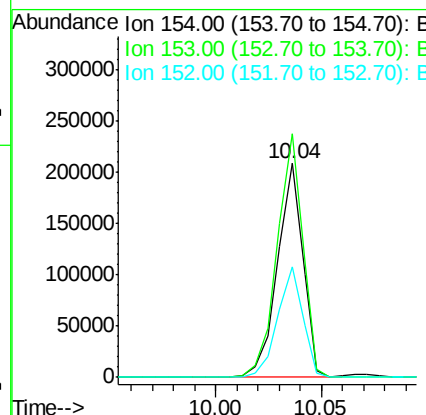
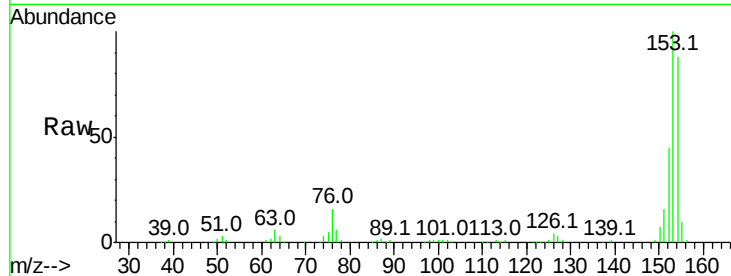
ClientSampleId :

PB110514BSD

Tot Ion:	154	Resp:	175914
Ion Ratio	Lower	Upper	
154	100		
153	113.8	91.2	136.8
152	51.5	43.8	65.8

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#52

3-Nitroaniline

Concen: 23.476 ng

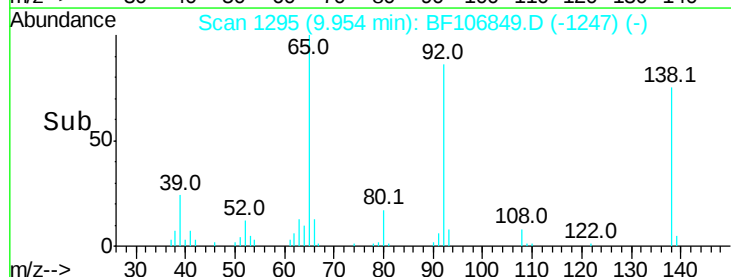
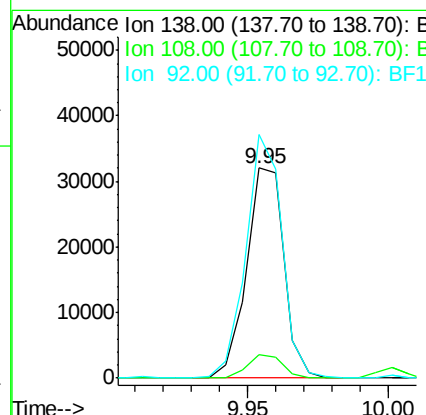
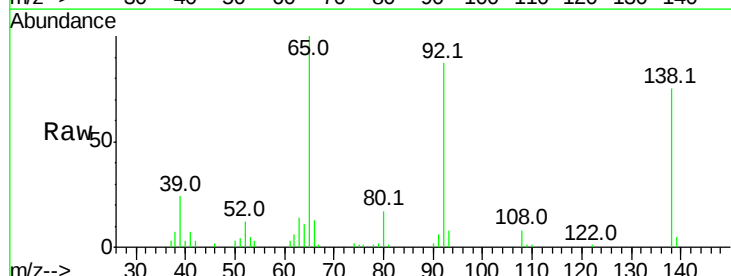
RT: 9.95 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Tgt Ion:	138	Resp:	29485
Ion Ratio	Lower	Upper	
138	100		
108	11.1	9.4	14.0
92	116.1	89.4	134.2





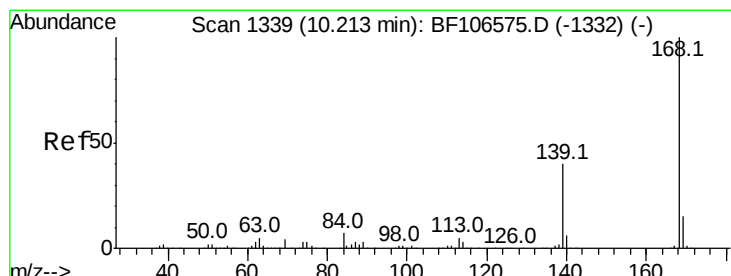
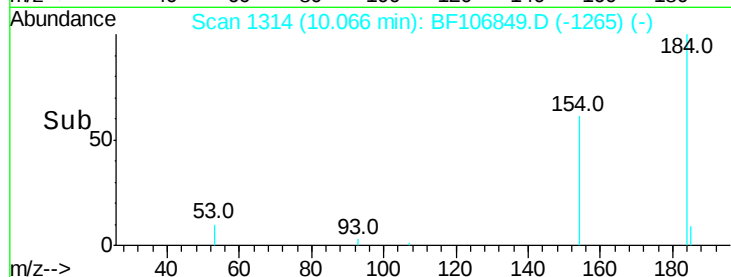
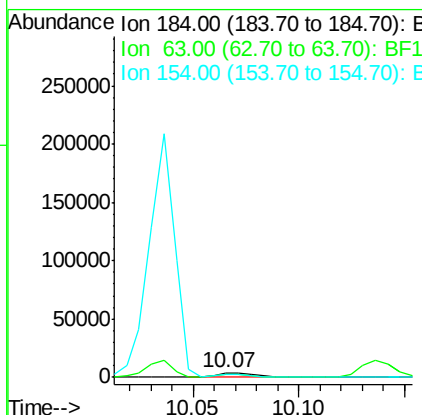
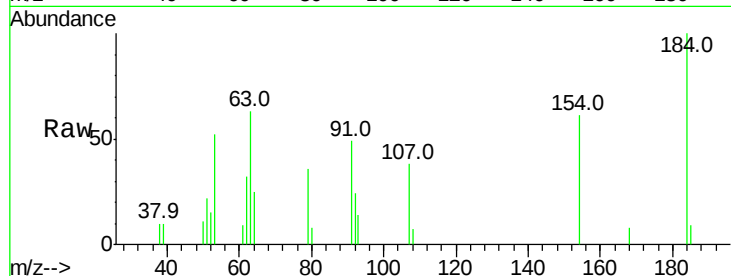
#53
 2,4-Dinitrophenol
 Concen: 13.933 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	63.0	54.2	81.2
154	60.5	184.0	276.0#

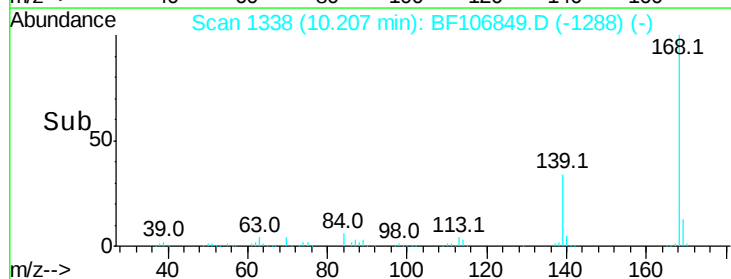
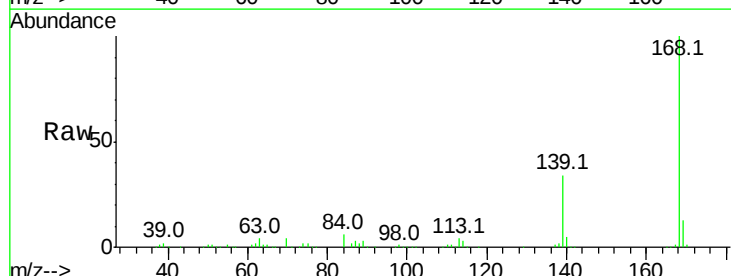
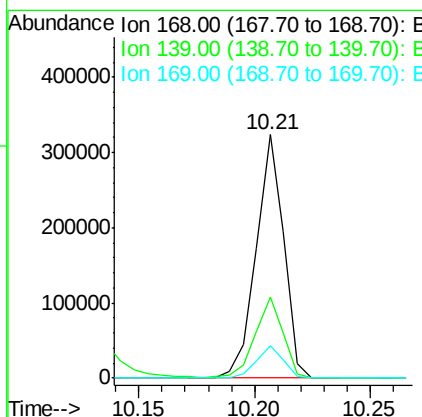
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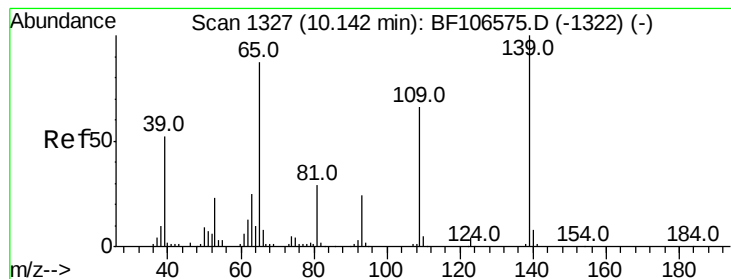
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#54
 Dibenzofuran
 Concen: 46.040 ng
 RT: 10.21 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Lower	Upper
168	100		
139	33.5	30.1	45.1
169	13.3	10.9	16.3





#55

4-Nitrophenol

Concen: 52.542 ng

RT: 10.14 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

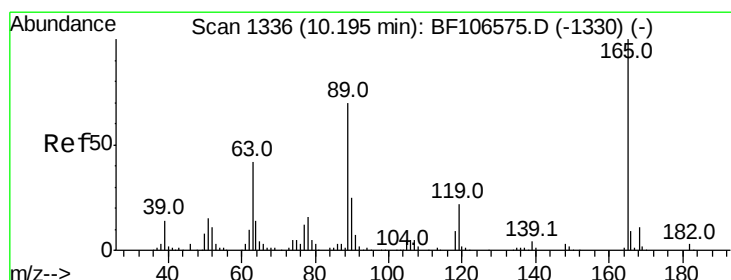
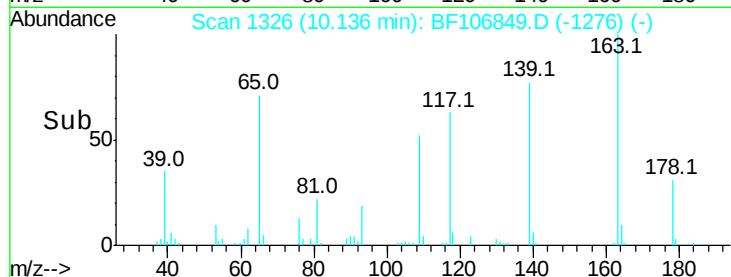
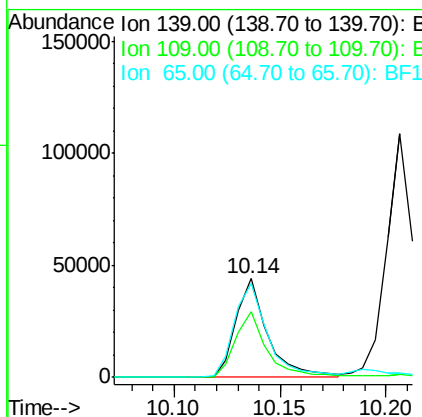
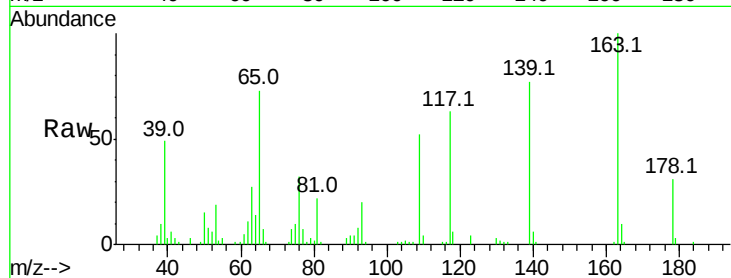
ClientSampleId :

PB110514BSD

Tot Ion:	139	Resp:	46063
Ion Ratio	Lower	Upper	
139	100		
109	67.2	48.4	88.4
65	94.9	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 41.502 ng

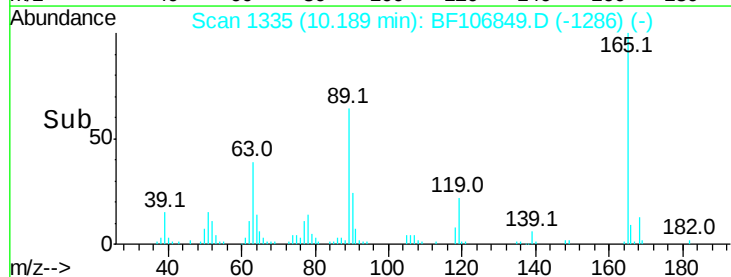
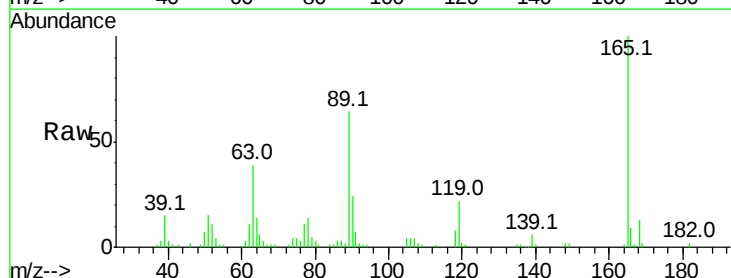
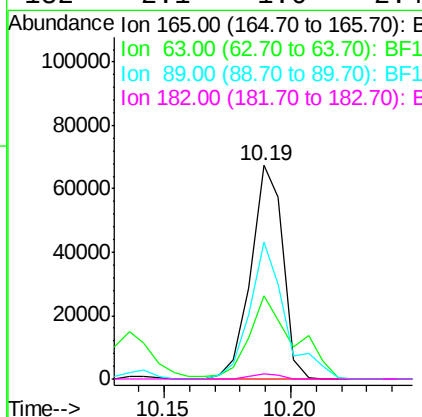
RT: 10.19 min Scan# 1335

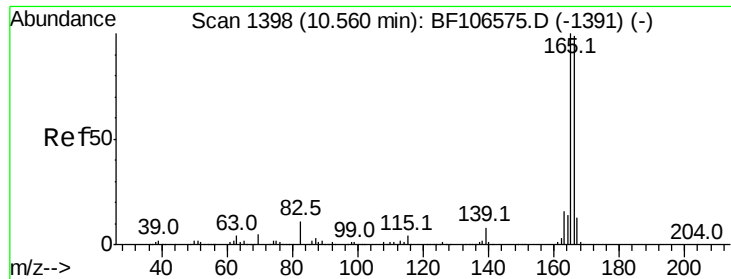
Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Tgt Ion:	165	Resp:	59126
Ion Ratio	Lower	Upper	
165	100		
63	38.8	36.4	54.6
89	64.0	57.8	86.6
182	2.1	1.6	2.4





#57

Fluorene

Concen: 43.912 ng

RT: 10.55 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

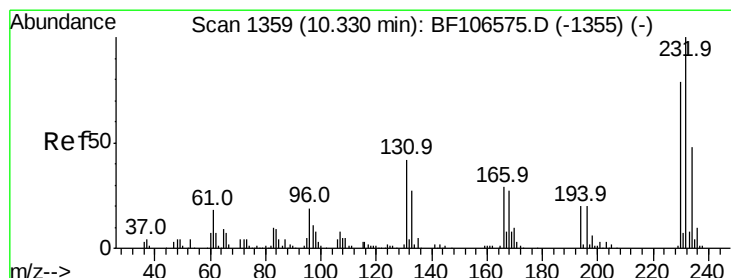
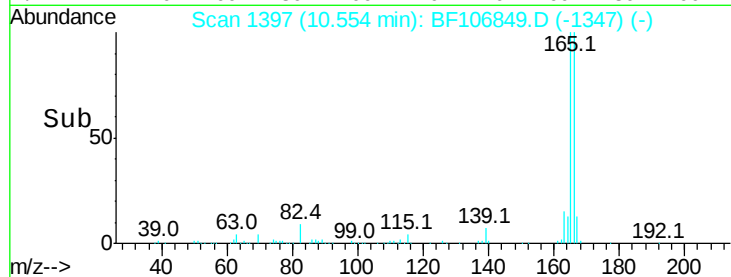
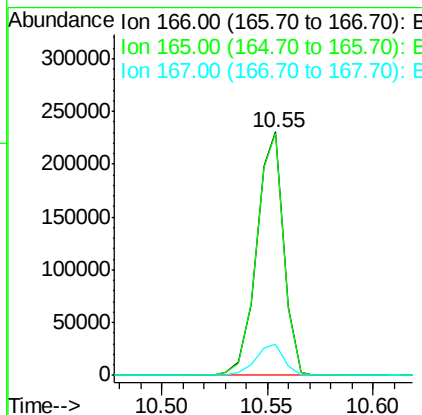
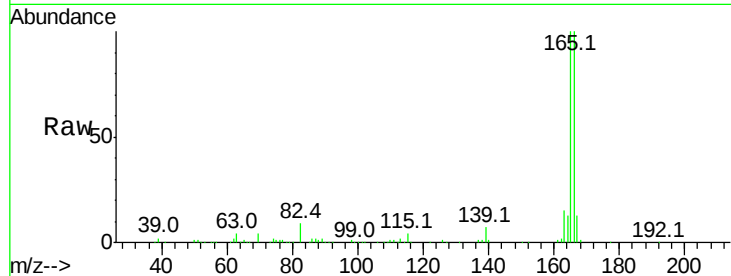
ClientSampleId :

PB110514BSD

Tot Ion:	166	Resp:	204509
Ion Ratio	Lower	Upper	
166	100		
165	99.7	79.8	119.8
167	12.8	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.340 ng m

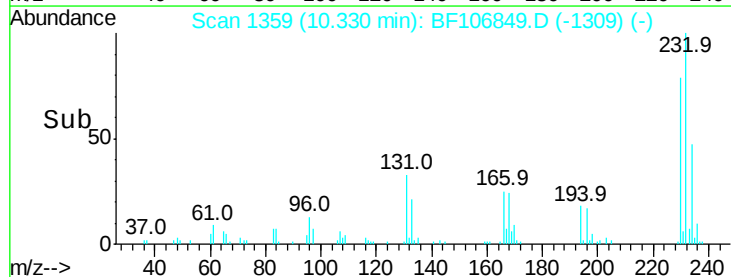
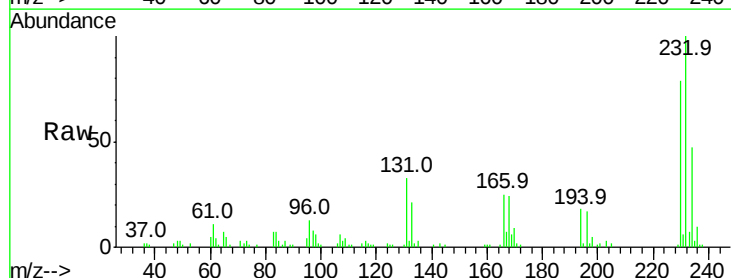
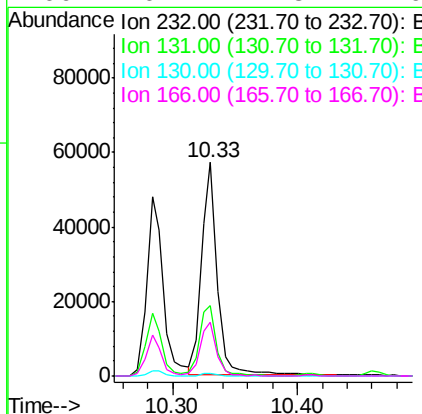
RT: 10.33 min Scan# 1359

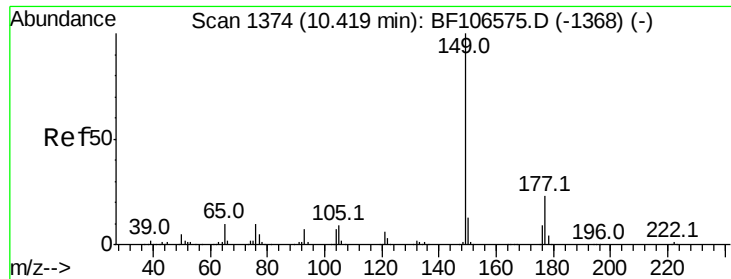
Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Tgt Ion:	232	Resp:	50201
Ion Ratio	Lower	Upper	
232	100		
131	36.8	43.8	65.8#
130	1.3	2.1	3.1#
166	26.7	27.8	41.6#





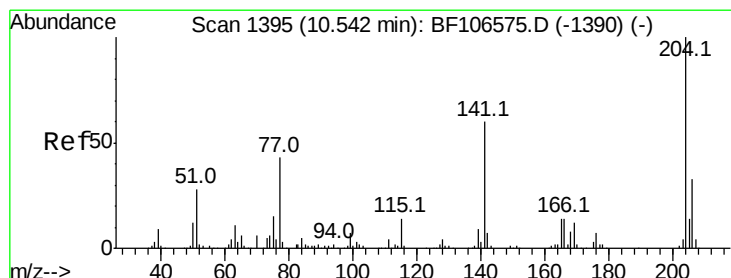
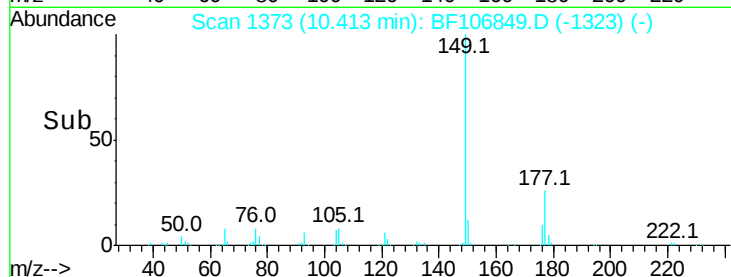
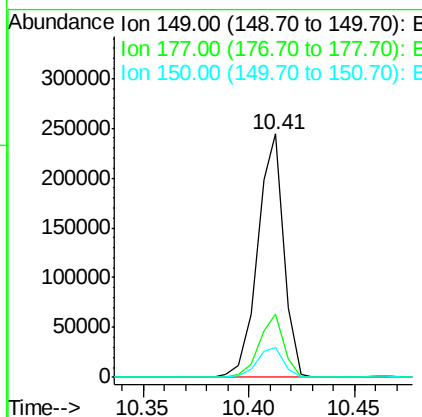
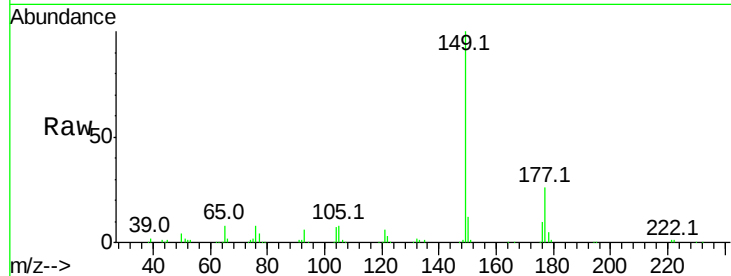
#59
Diethylphthalate
Concen: 42.257 ng
RT: 10.41 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Instrument :
BNA_F
ClientSampleId :
PB110514BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	210221		
177	25.8	16.1	24.1#	
150	12.4	10.1	15.1	

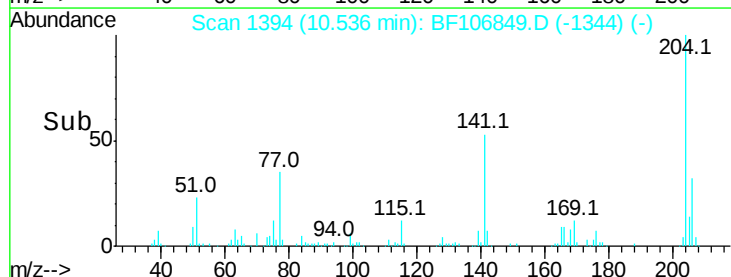
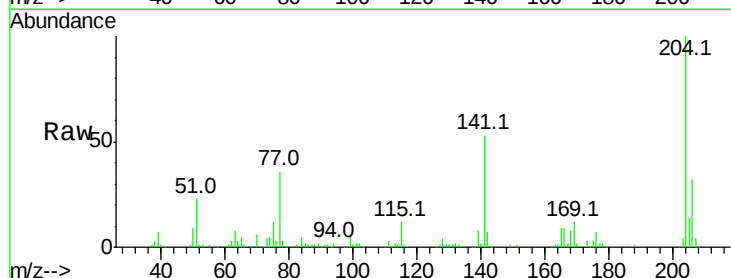
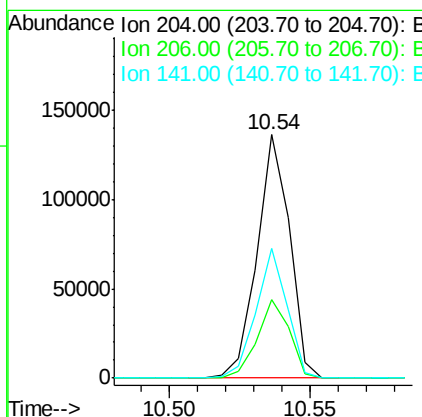
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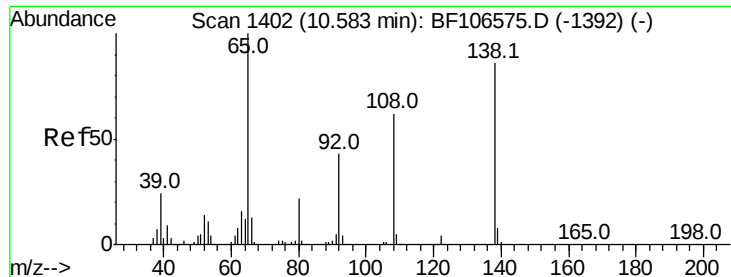
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#60
4-Chlorophenyl-phenylether
Concen: 44.582 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	108636		
206	32.2	26.5	39.7	
141	53.4	54.6	81.8#	





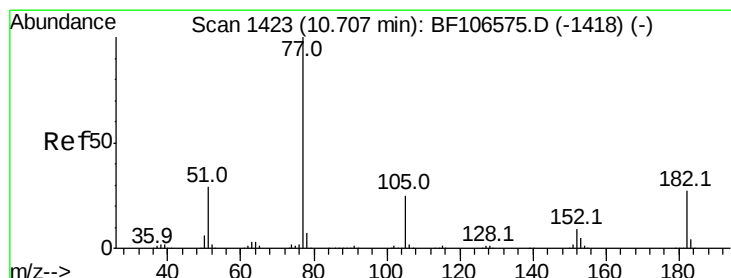
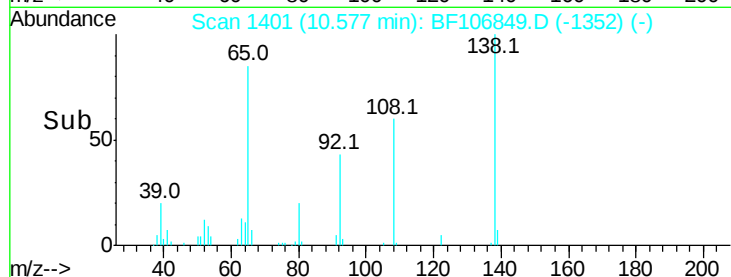
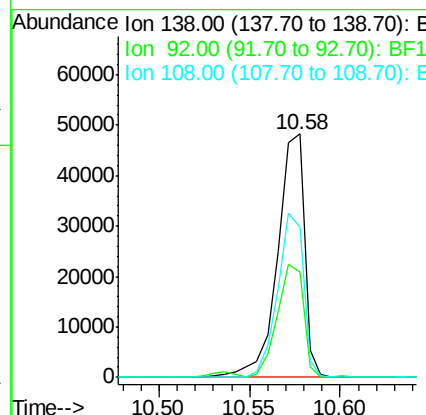
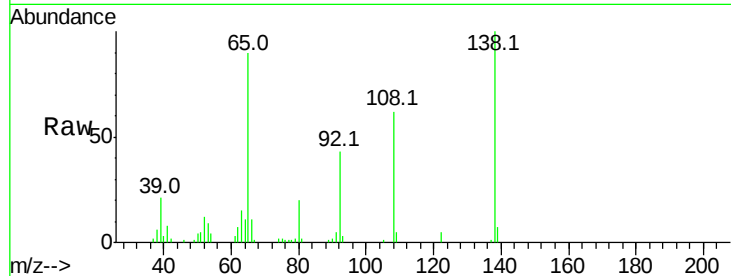
#61
4-Nitroaniline
Concen: 40.070 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Instrument :
BNA_F
ClientSampleId :
PB110514BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.2	30.2	70.2
108	61.6	52.5	92.5

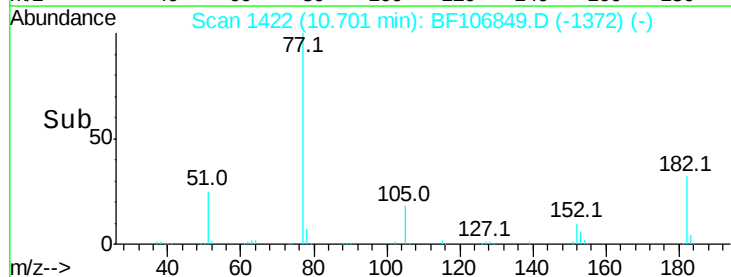
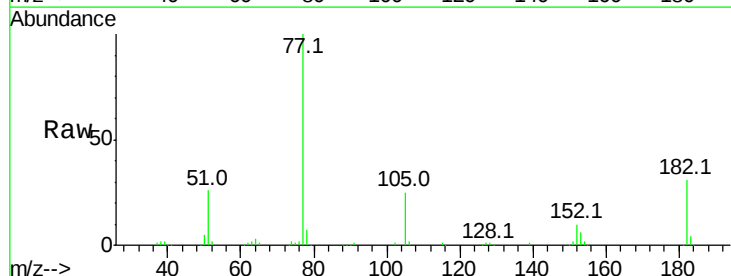
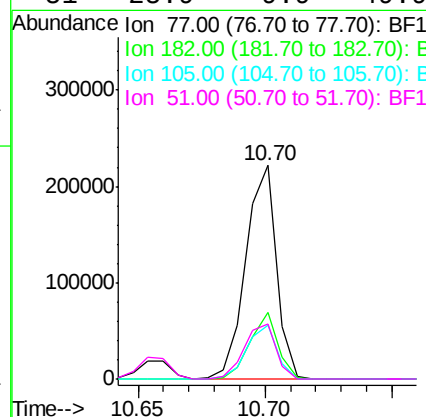
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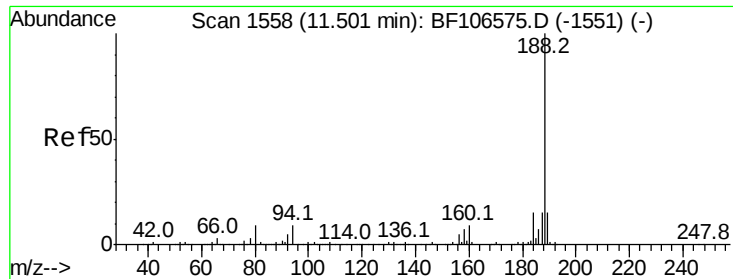
Sohil
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#62
Azobenzene
Concen: 38.080 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.1	1.7	41.7
105	25.4	3.0	43.0
51	25.9	9.9	49.9





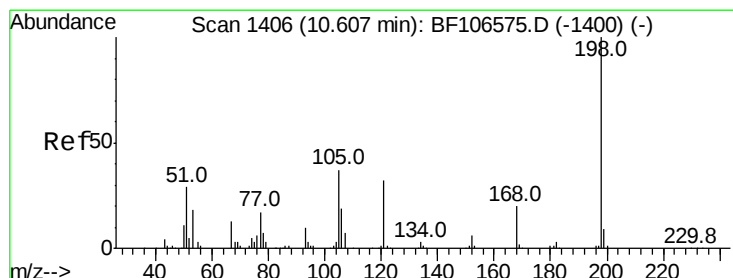
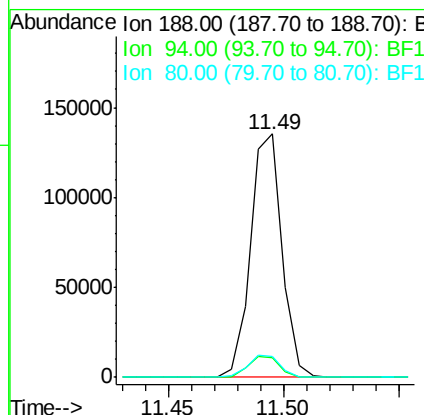
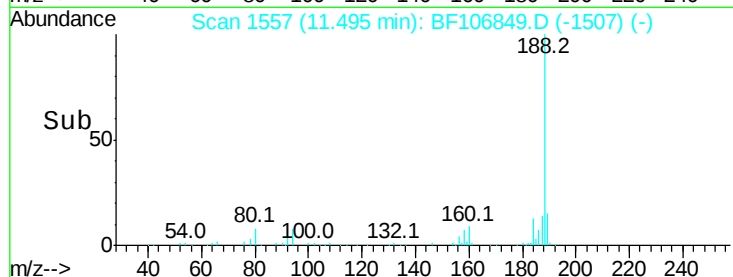
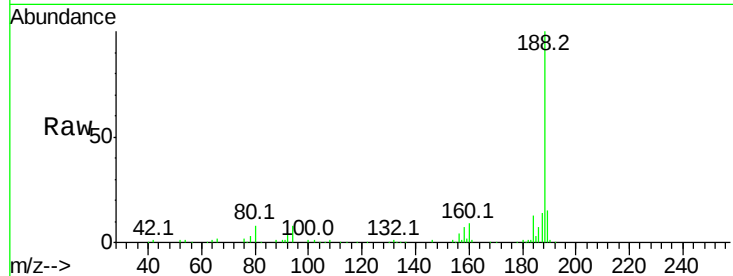
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Instrument :
BNA_F
ClientSampleId :
PB110514BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.9	8.5	12.7#
80	8.3	9.2	13.8#

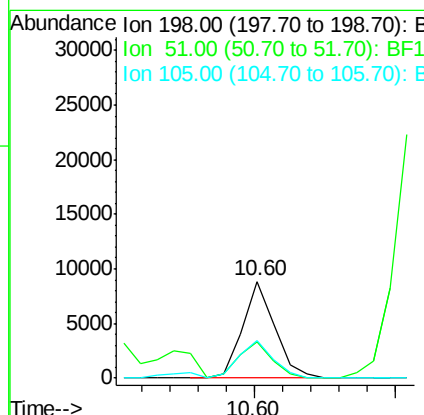
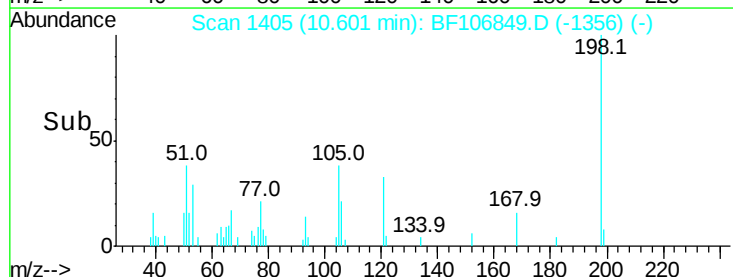
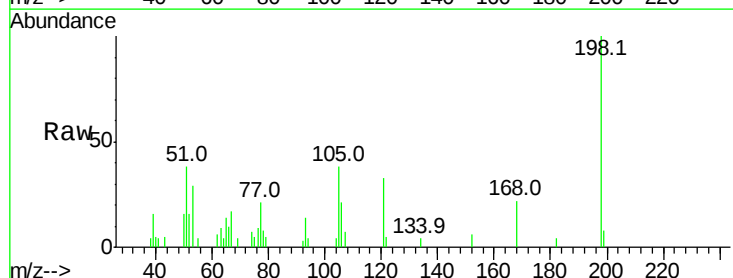
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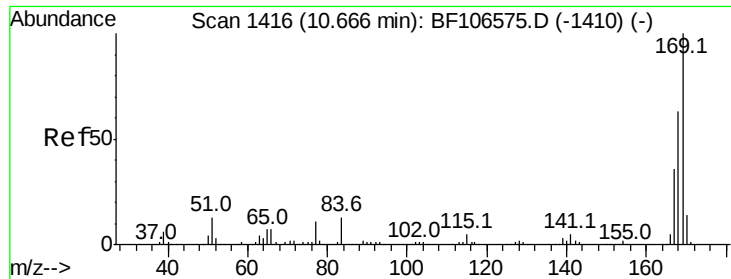
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 8.855 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	38.1	37.7	77.7
105	38.3	36.3	76.3





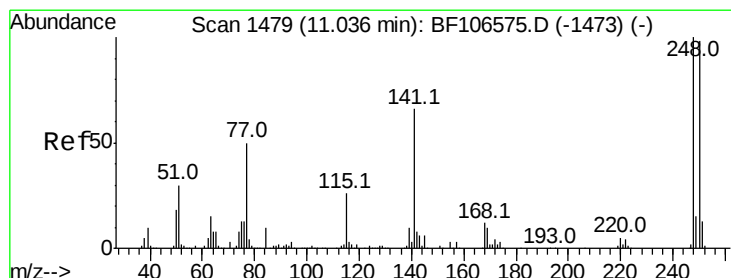
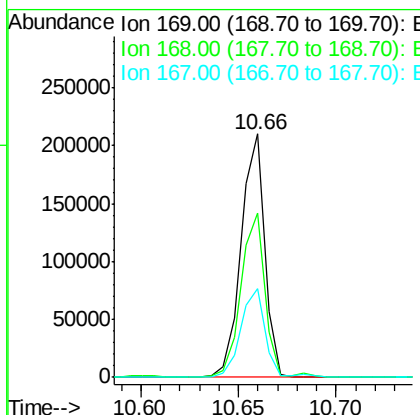
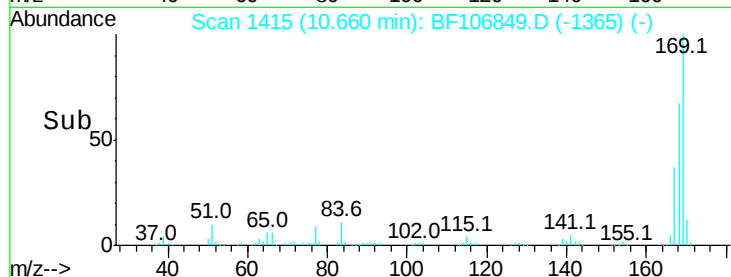
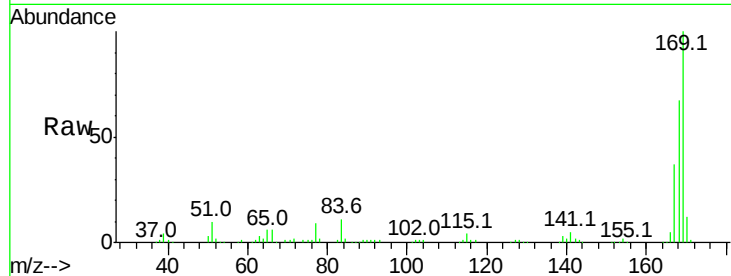
#65
 n-Nitrosodiphenylamine
 Concen: 40.942 ng
 RT: 10.66 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	176771		
168	67.5	54.4	81.6	
167	36.5	29.8	44.6	

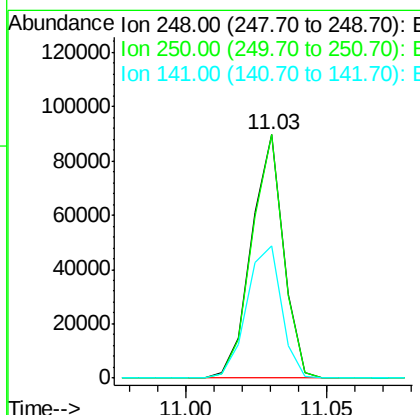
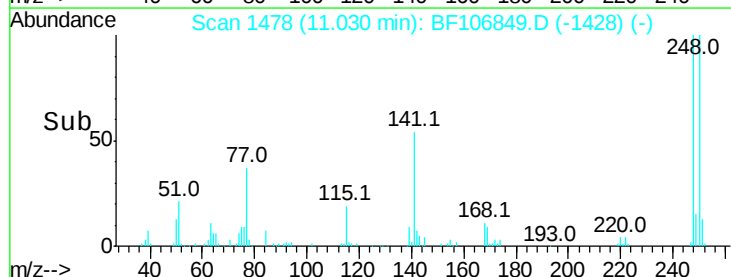
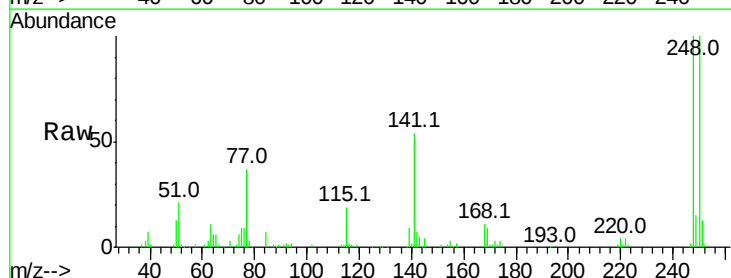
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#66
 4-Bromophenyl-phenylether
 Concen: 46.077 ng
 RT: 11.03 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	70589		
250	100.1	76.9	115.3	
141	54.5	74.4	111.6	





#67

Hexachlorobenzene

Concen: 45.994 ng

RT: 11.10 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

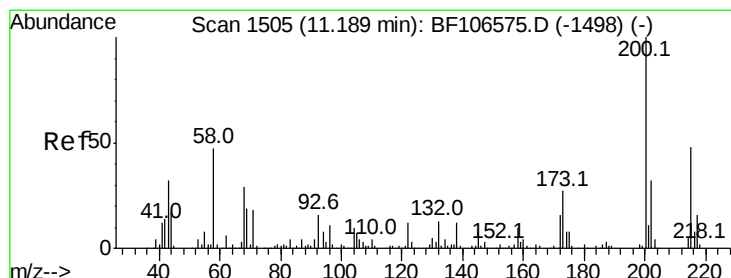
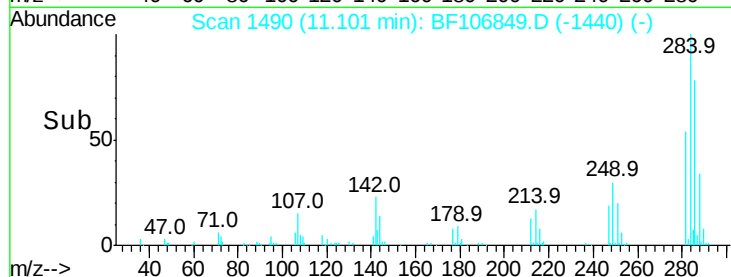
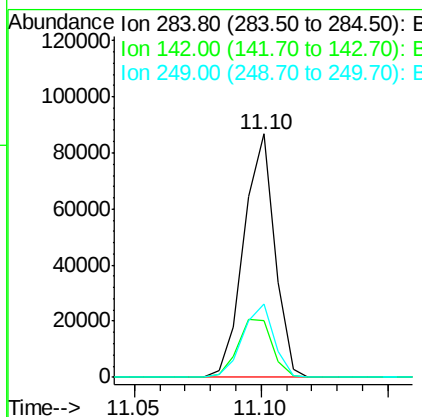
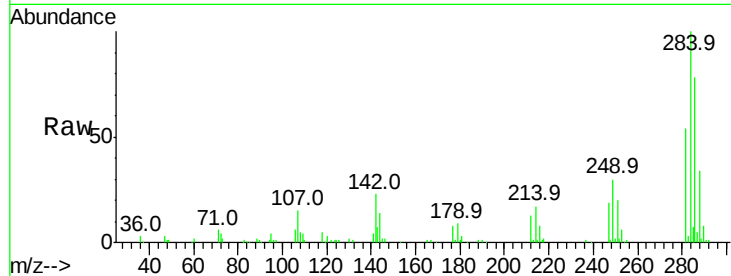
ClientSampleId :

PB110514BSD

Tot Ion:	284	Resp:	73748
Ion Ratio	Lower	Upper	
284	100		
142	23.4	34.6	52.0#
249	30.3	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 44.625 ng

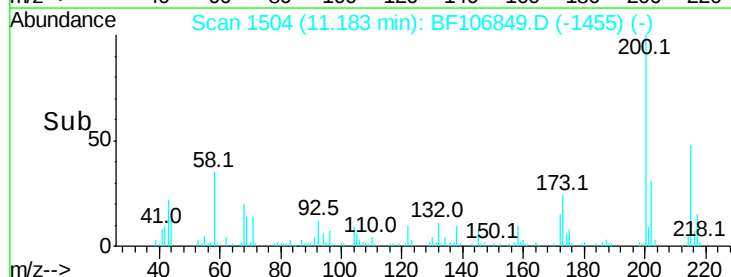
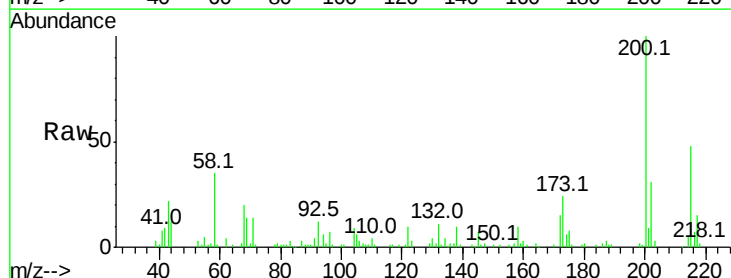
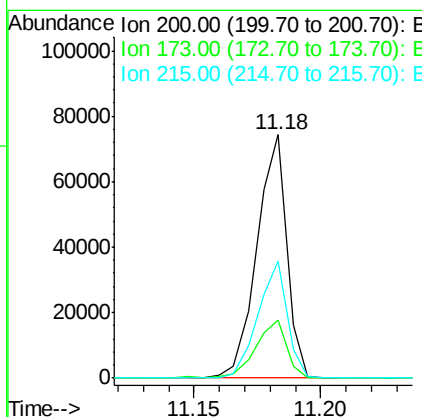
RT: 11.18 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Tgt Ion:	200	Resp:	61251
Ion Ratio	Lower	Upper	
200	100		
173	23.8	8.6	48.6
215	47.9	25.1	65.1





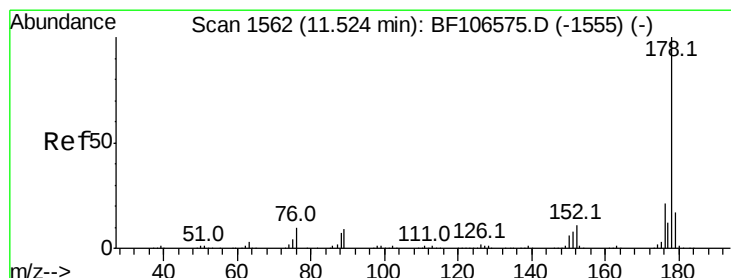
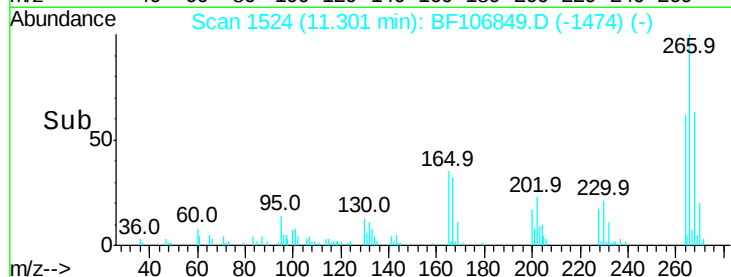
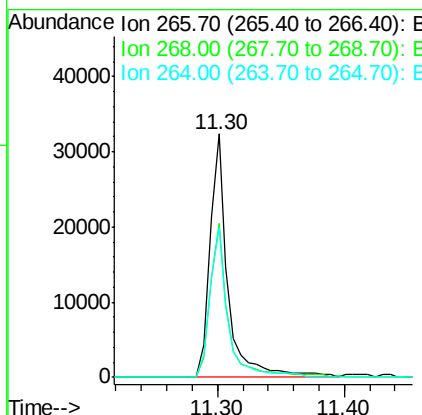
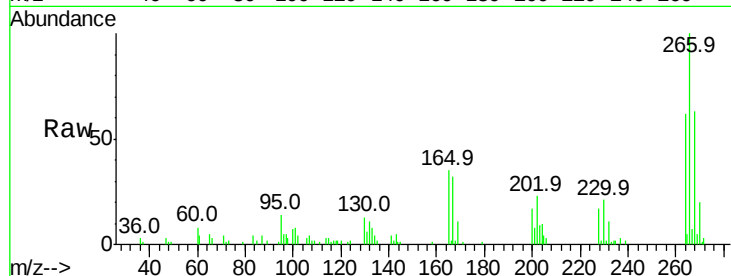
#69
 Pentachlorophenol
 Concen: 40.462 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	61.9	49.5	74.3

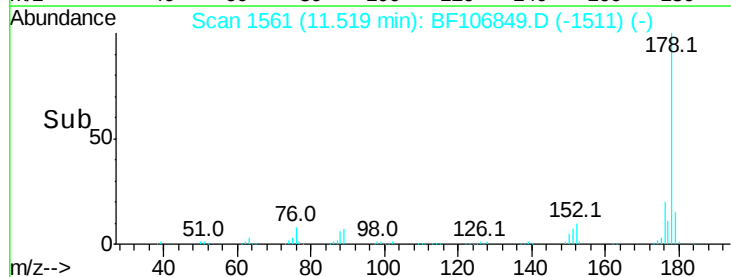
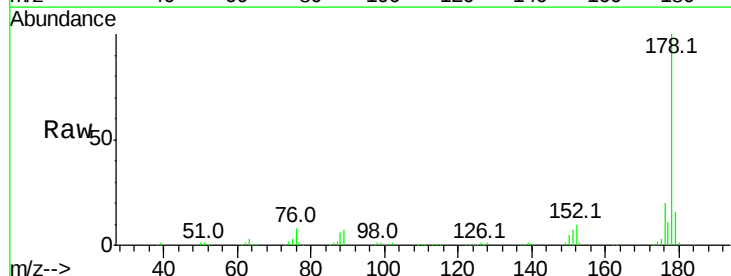
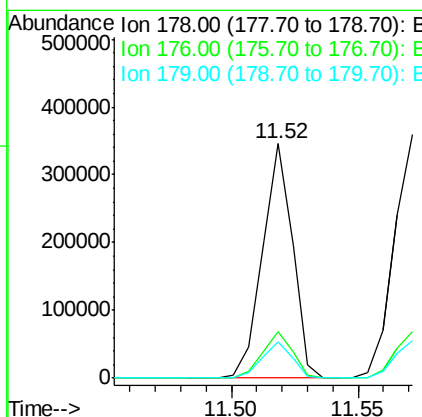
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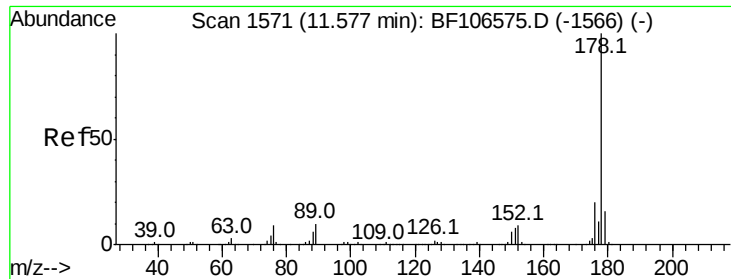
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#70
 Phenanthrene
 Concen: 46.562 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.5	13.0	19.6





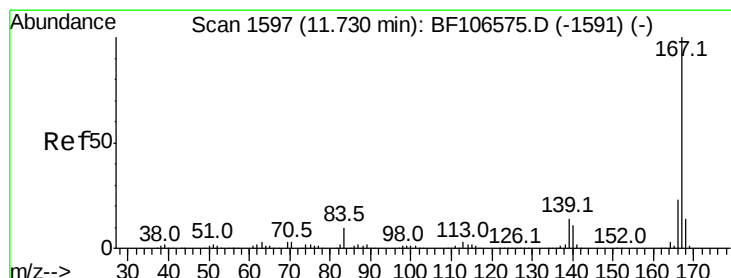
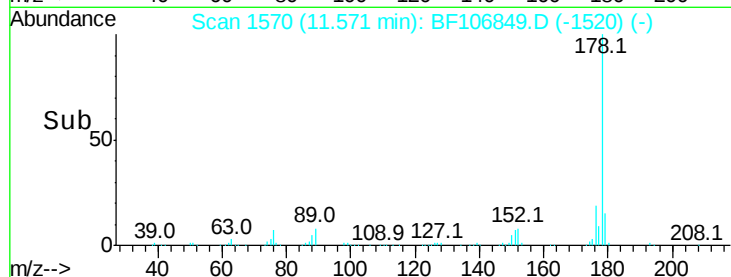
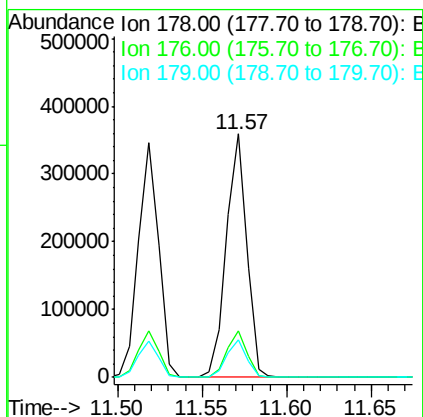
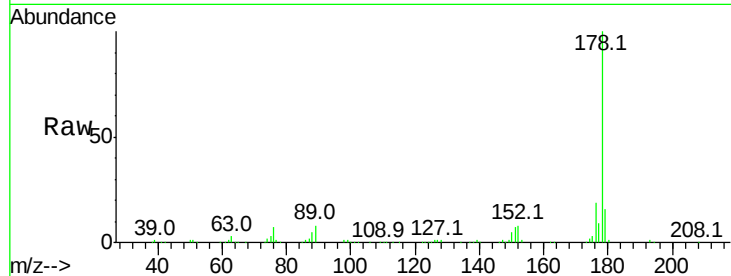
#71
 Anthracene
 Concen: 47.781 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.5	12.6	19.0

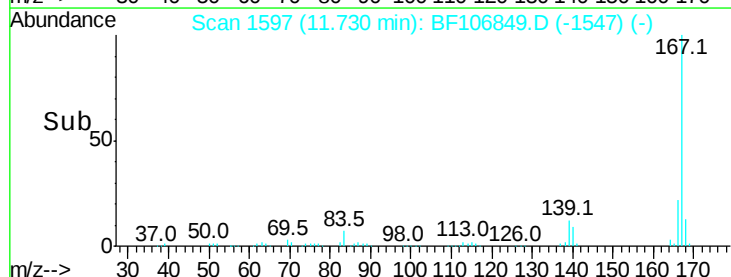
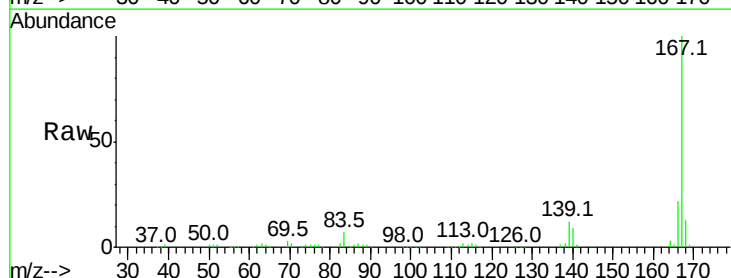
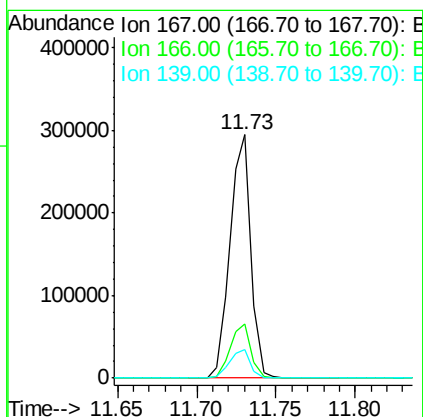
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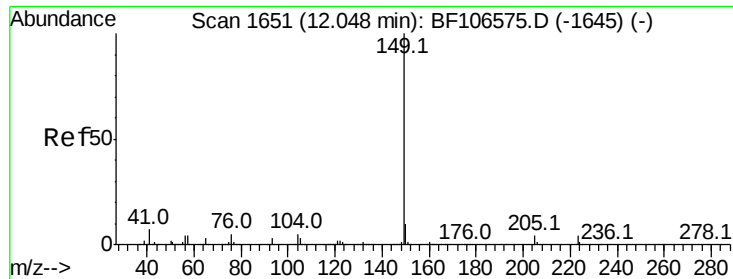
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#72
 Carbazole
 Concen: 45.329 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	11.9	10.9	16.3





#73

Di-n-butylphthalate

Concen: 44.242 ng

RT: 12.04 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

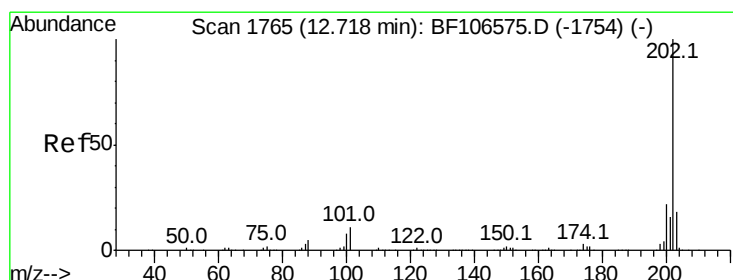
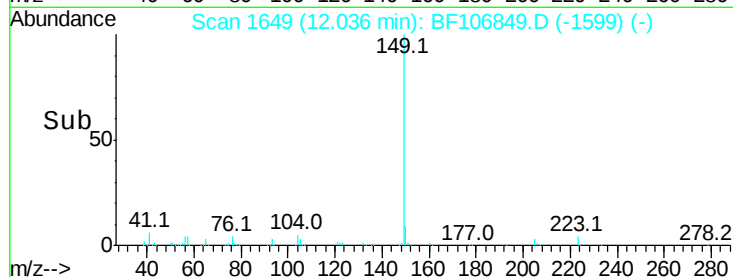
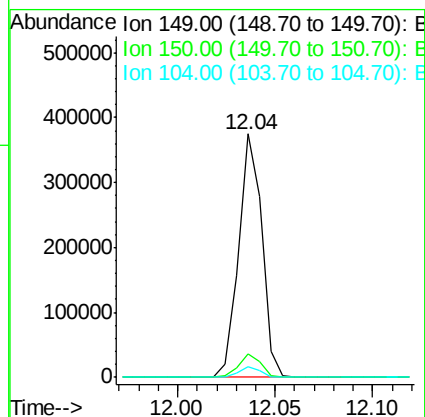
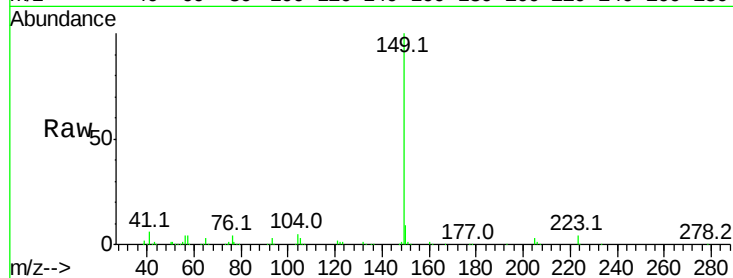
ClientSampleId :

PB110514BSD

Tot Ion:	149	Resp:	308380
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	4.5	3.8	5.8

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#74

Fluoranthene

Concen: 49.199 ng

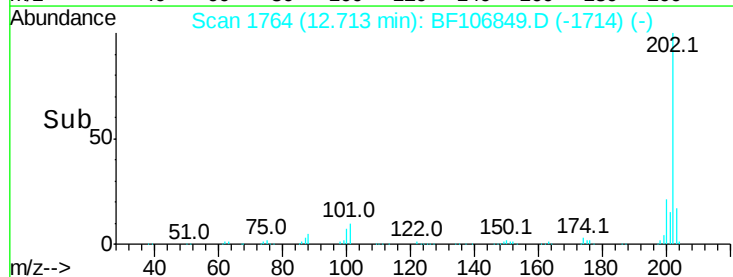
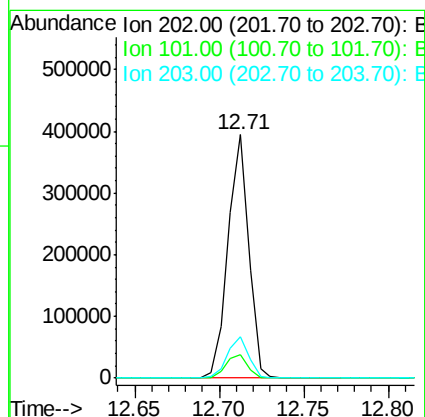
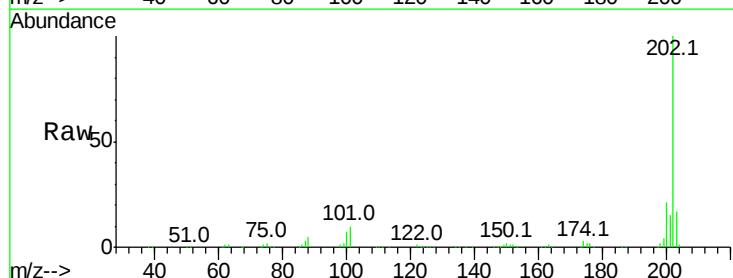
RT: 12.71 min Scan# 1764

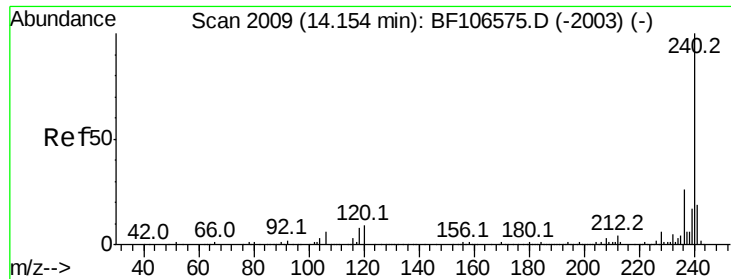
Delta R.T. -0.01 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Tgt Ion:	202	Resp:	335739
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	34.1
203	17.2	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: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

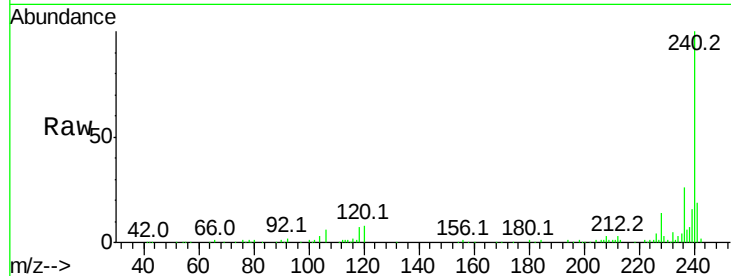
ClientSampleId :

PB110514BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.5	14.3#
236	25.8	20.7	31.1

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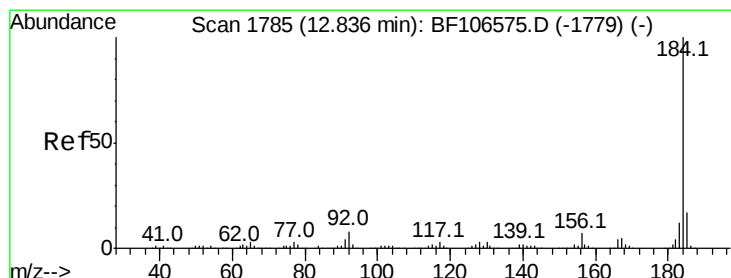
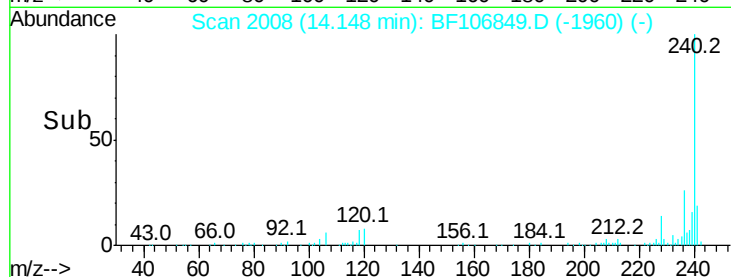
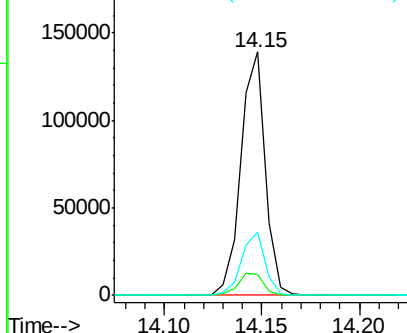
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.097 ng

RT: 12.83 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF106849.D

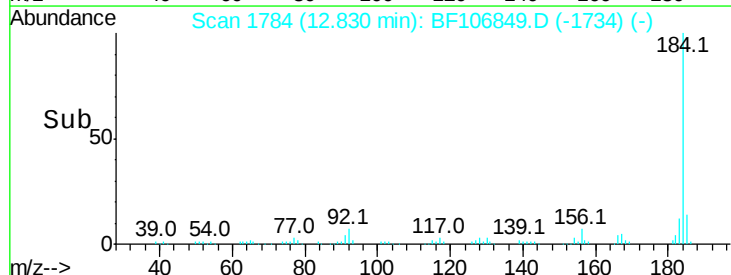
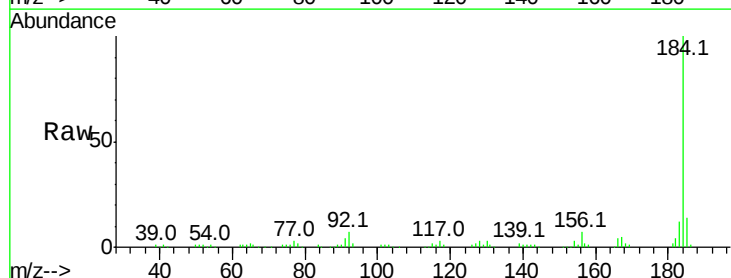
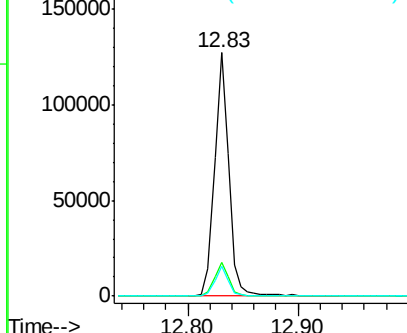
Acq: 27 Jun 2018 3:48

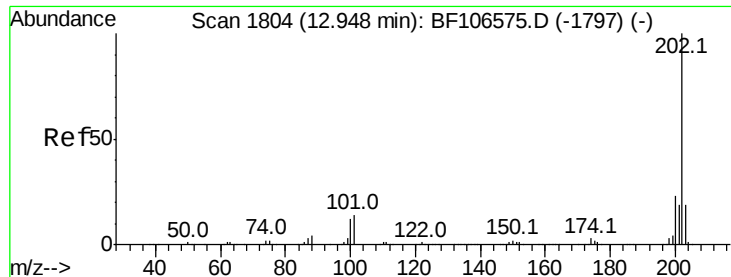
Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.6	12.6	18.8
183	12.0	9.3	13.9

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





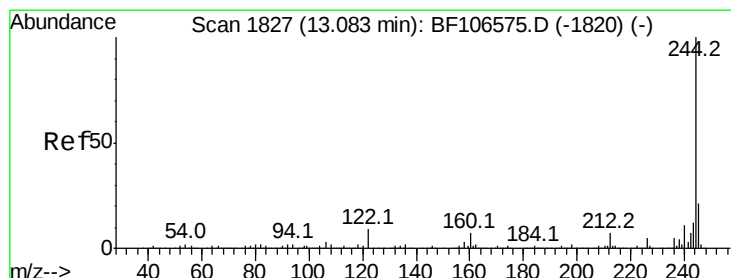
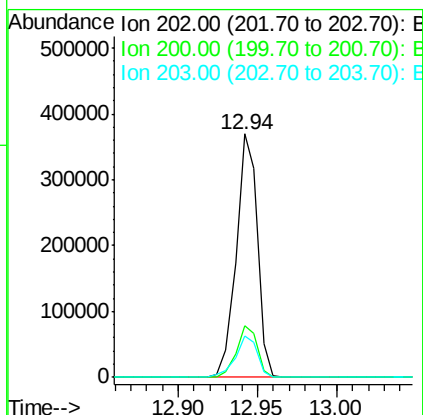
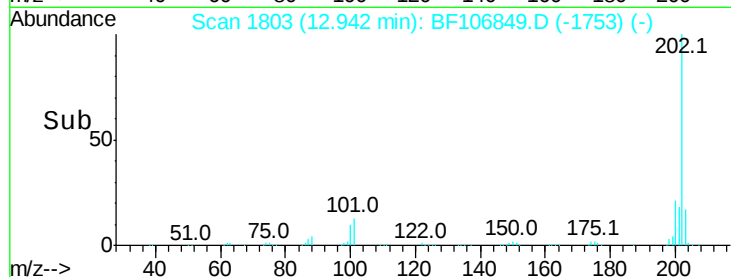
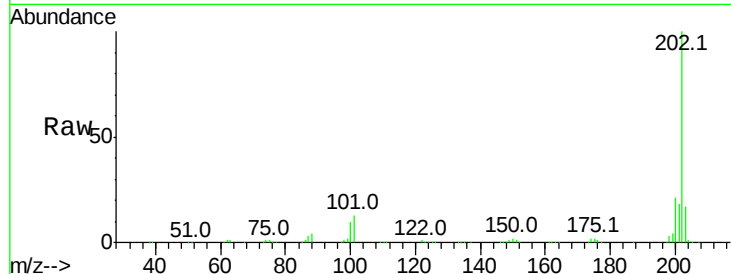
#77
Pvrene
Concen: 42.938 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Instrument :
BNA_F
ClientSampleId :
PB110514BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.2	14.3	21.5

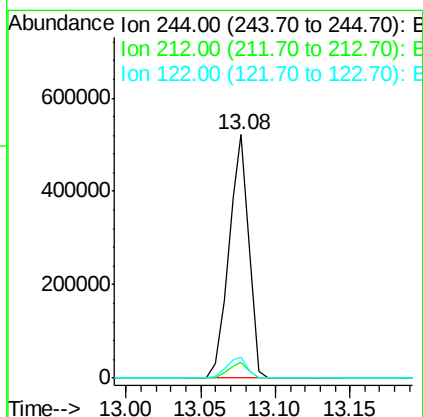
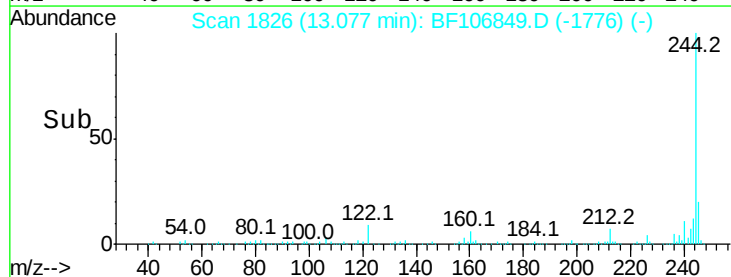
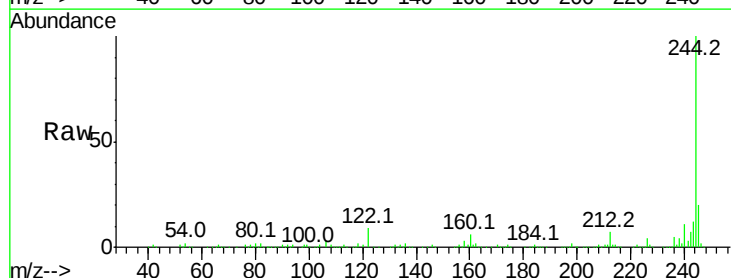
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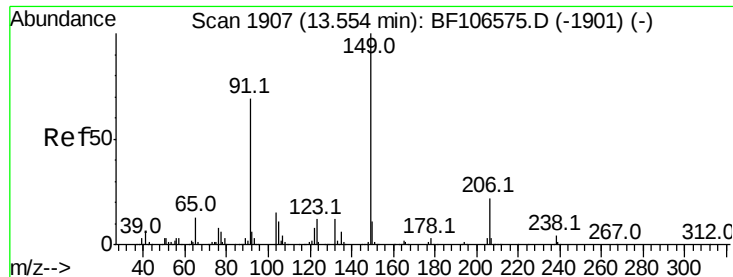
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#78
Terphenyl-d14
Concen: 98.827 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	8.6	11.0	16.4





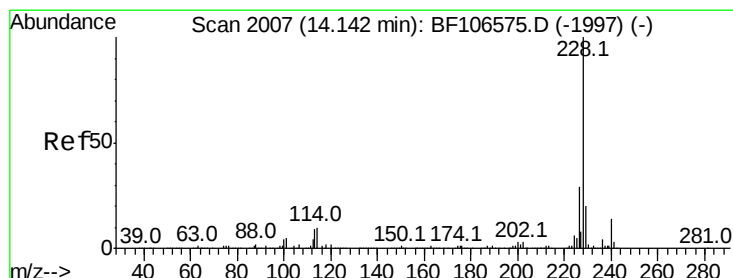
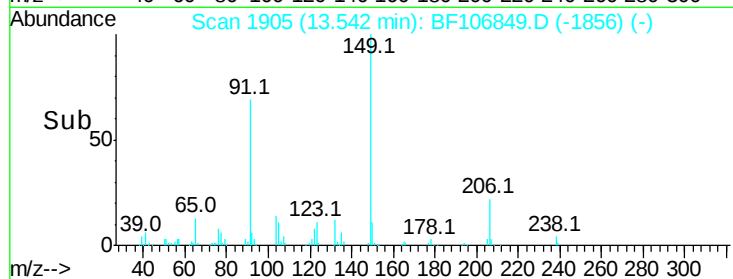
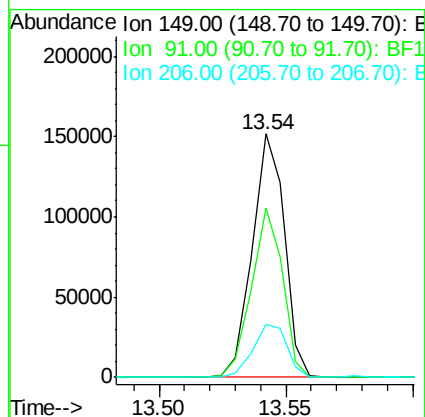
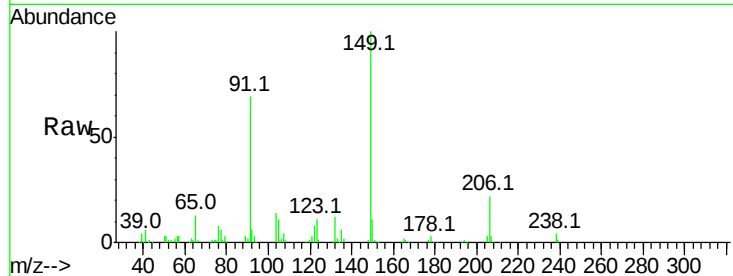
#79
Butylbenzylphthalate
Concen: 41.108 ng
RT: 13.54 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Instrument :
BNA_F
ClientSampleId :
PB110514BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.4	56.8	85.2
206	21.8	14.1	21.1

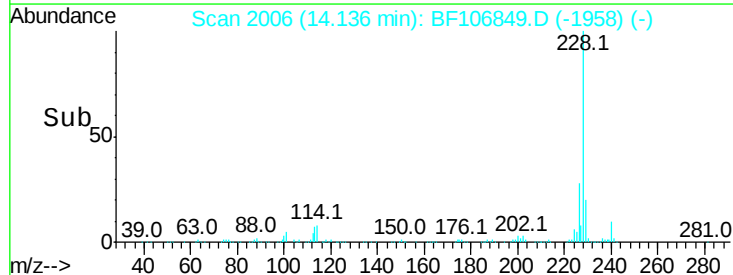
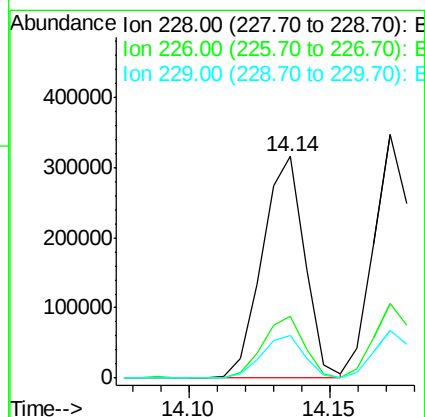
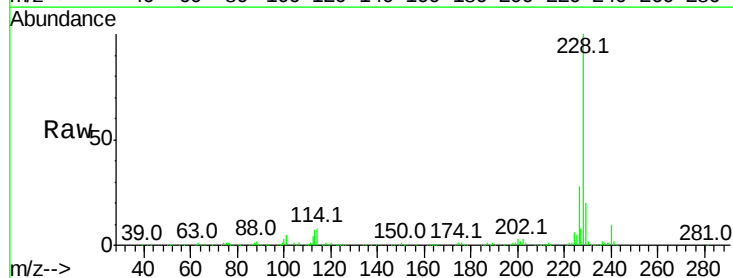
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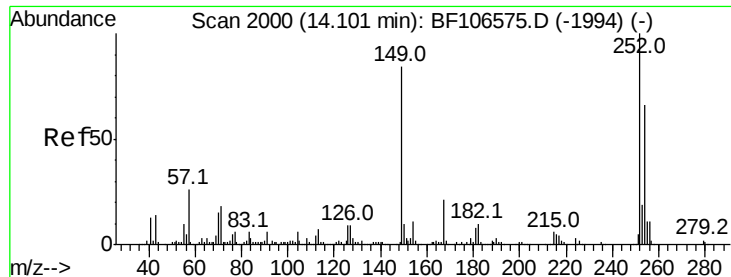
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#80
Benzo(a)anthracene
Concen: 44.875 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.5	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 31.875 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

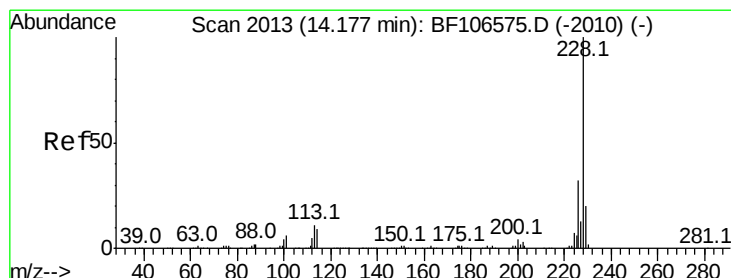
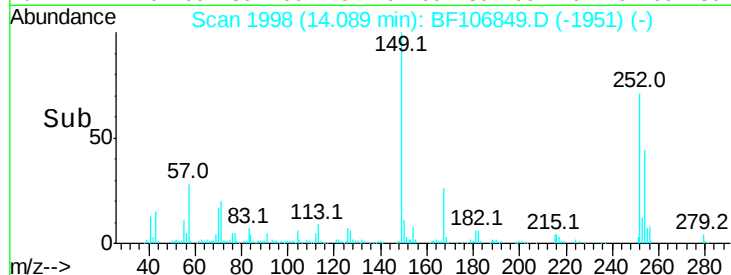
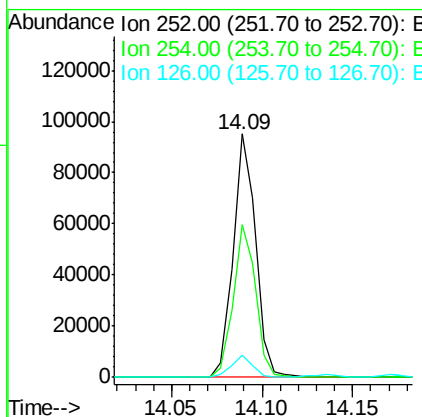
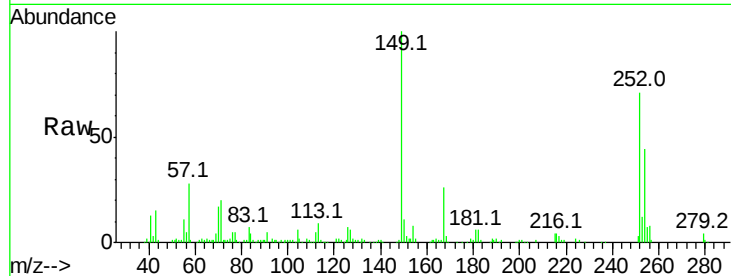
ClientSampleId :

PB110514BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.6	50.4	75.6
126	9.4	11.3	16.9

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#82

Chrysene

Concen: 45.794 ng

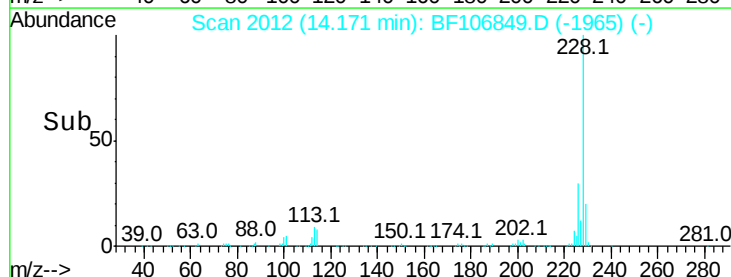
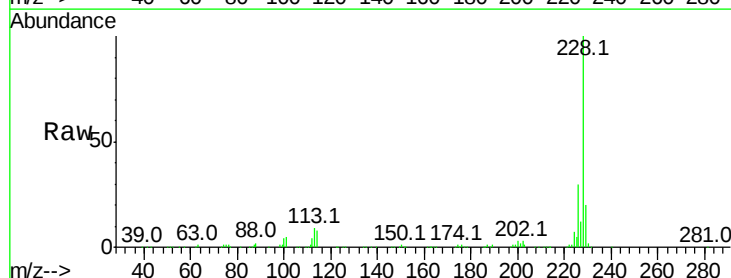
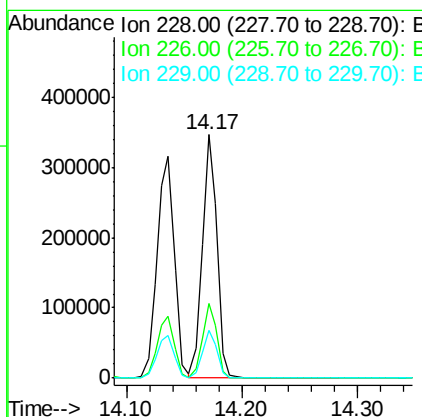
RT: 14.17 min Scan# 2012

Delta R.T. -0.02 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	19.7	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.565 ng

RT: 14.09 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

ClientSampleId :

PB110514BSD

Tot Ion:149 Resp: 181667
Ion Ratio Lower Upper

149 100

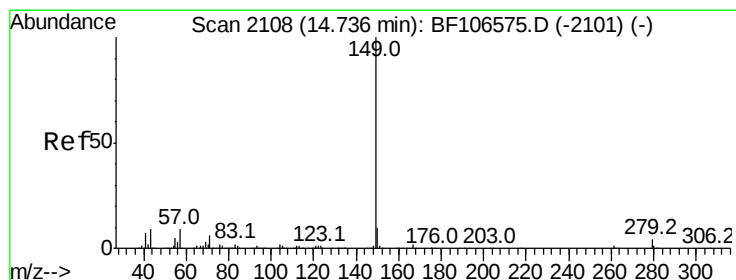
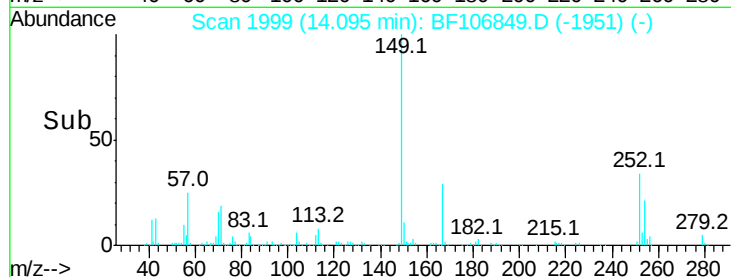
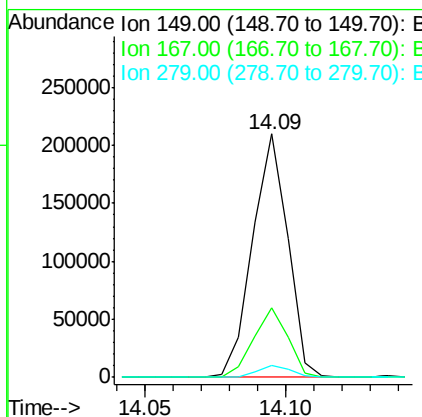
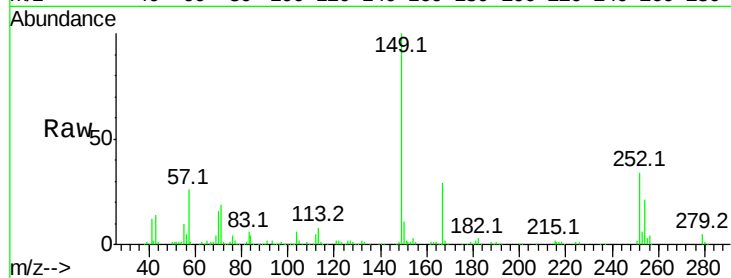
167 28.7 21.3 31.9

279 4.7 3.0 4.4#

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#84

Di-n-octyl phthalate

Concen: 47.448 ng

RT: 14.72 min Scan# 2105

Delta R.T. -0.05 min

Lab File: BF106849.D

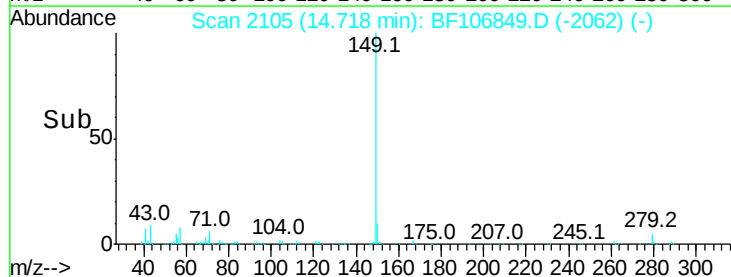
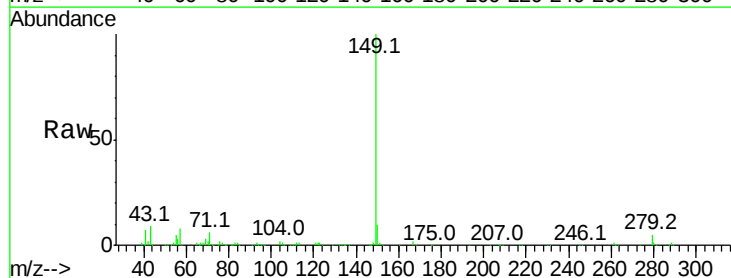
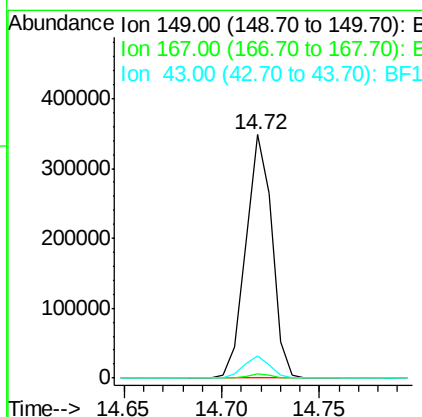
Acq: 27 Jun 2018 3:48

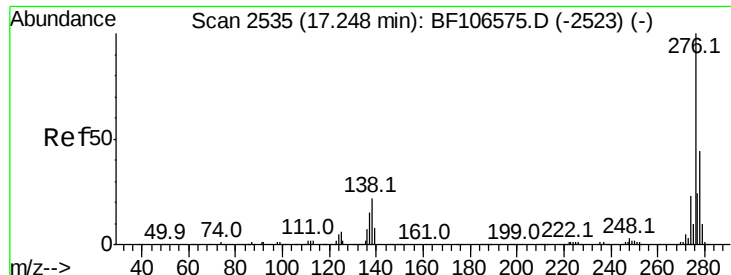
Tgt Ion:149 Resp: 322517
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 8.7 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.857 ng

RT: 17.25 min Scan# 2536

Delta R.T. -0.05 min

Lab File: BF106849.D

Acq: 27 Jun 2018 3:48

Instrument :

BNA_F

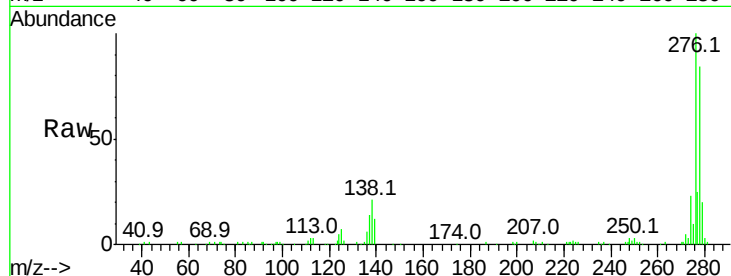
ClientSampleId :

PB110514BSD

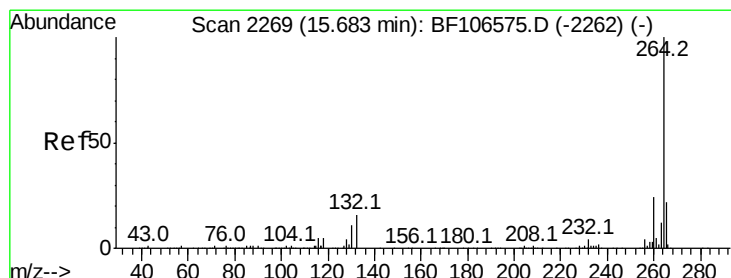
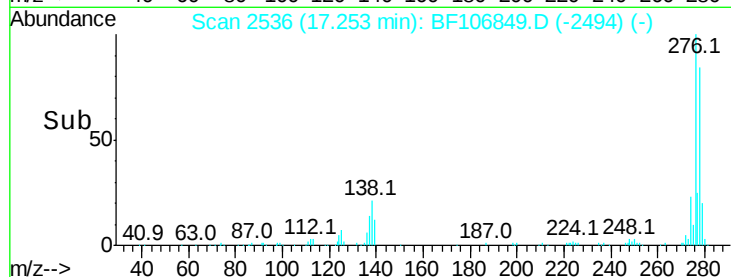
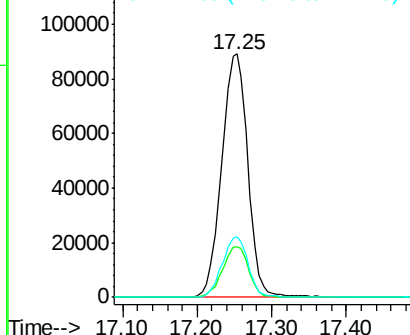
Tot Ion:	276	Resp:	216711
Ion Ratio	Lower	Upper	
276	100		
138	20.6	25.0	37.6#
277	24.6	20.1	30.1

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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

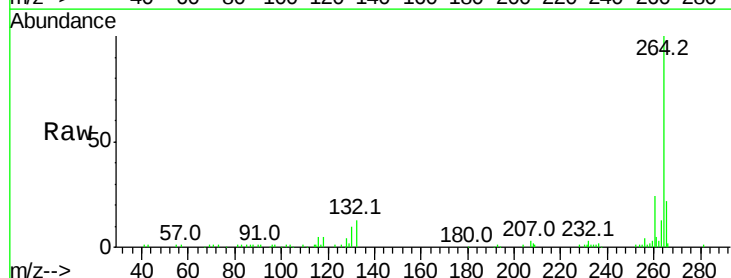
RT: 15.68 min Scan# 2268

Delta R.T. -0.04 min

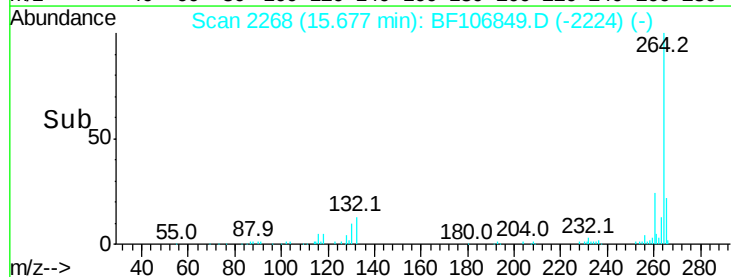
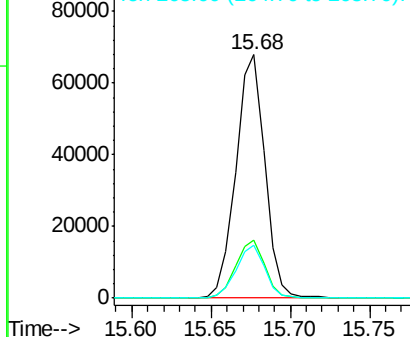
Lab File: BF106849.D

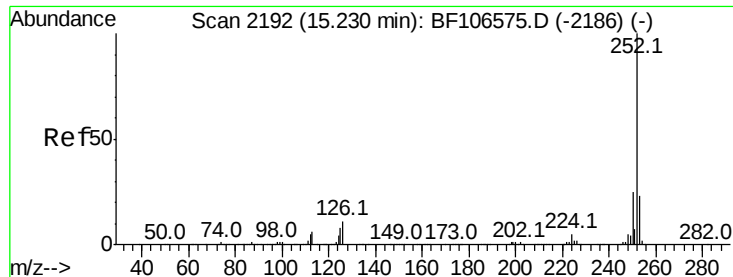
Acq: 27 Jun 2018 3:48

Tgt Ion:	264	Resp:	85765
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.2	28.8
265	21.6	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





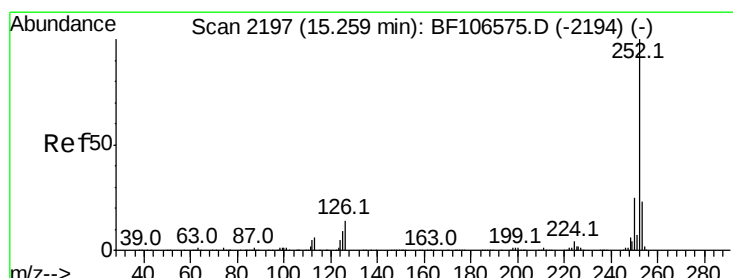
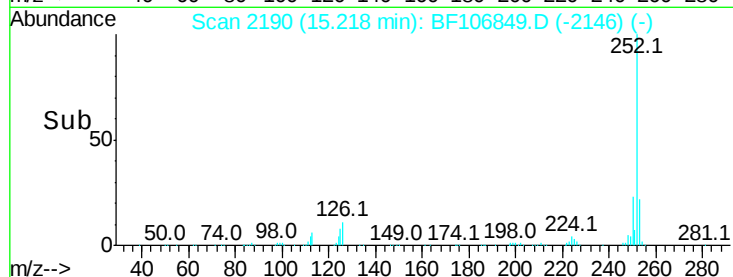
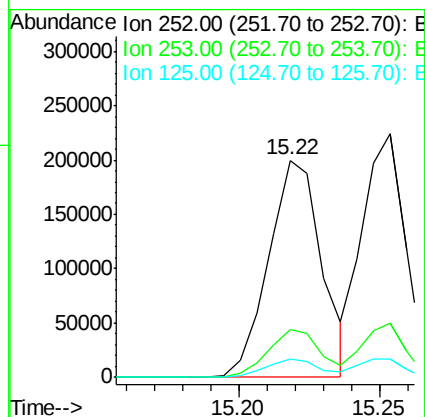
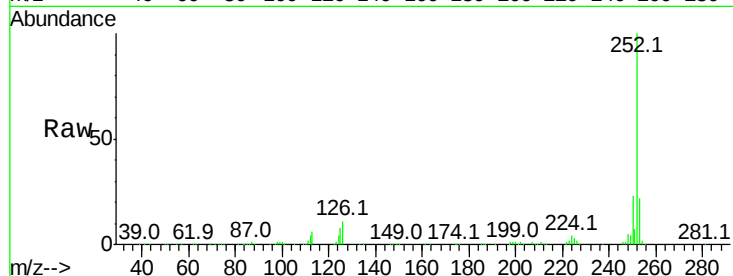
#87
Benzo(b)fluoranthene
Concen: 48.858 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Instrument :
BNA_F
ClientSampleId :
PB110514BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.8	17.0	25.6
125	8.4	9.0	13.6#

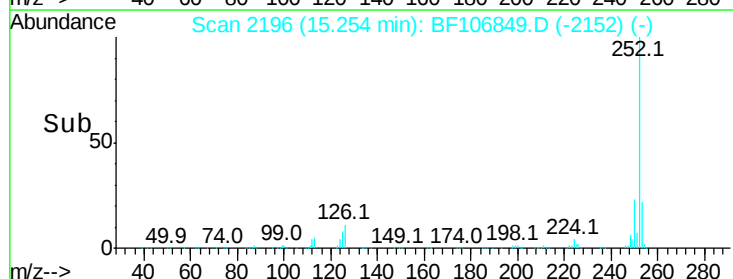
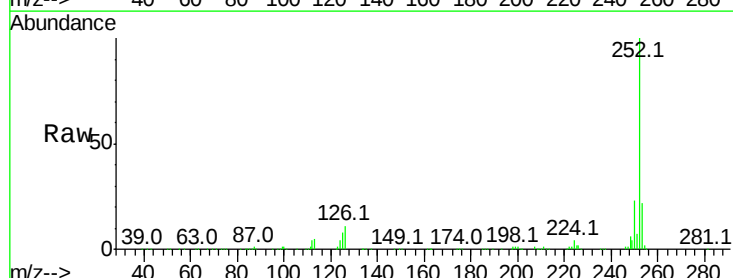
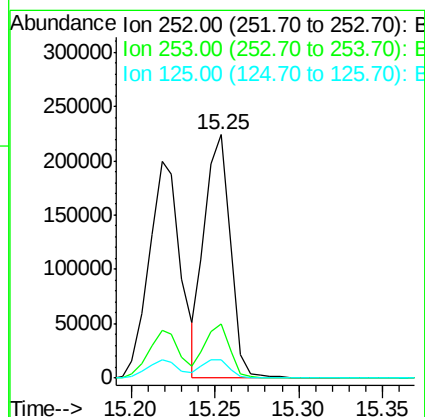
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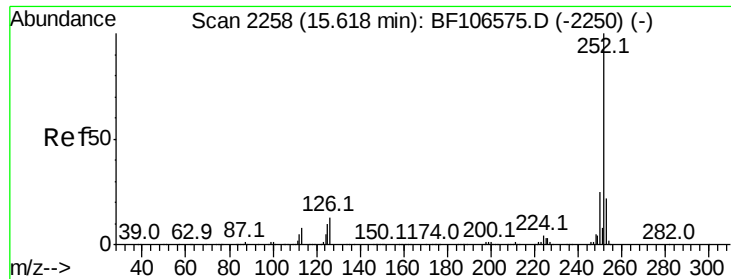
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#88
Benzo(k)fluoranthene
Concen: 47.147 ng m
RT: 15.25 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.0	17.9	26.9
125	7.7	10.2	15.2#





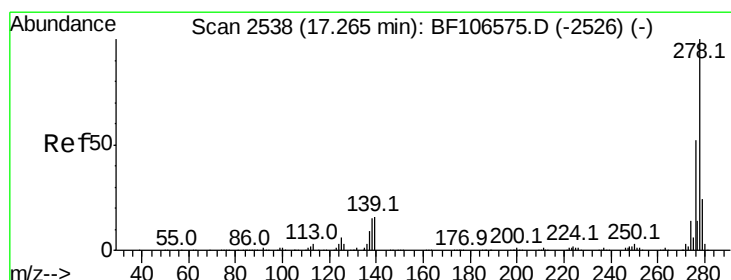
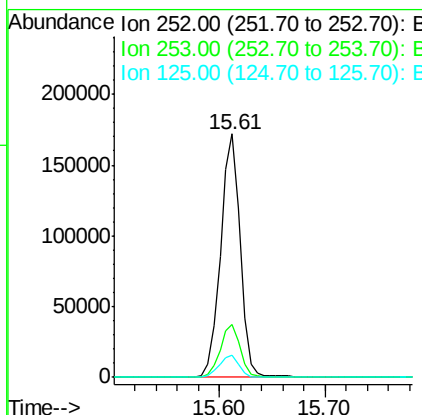
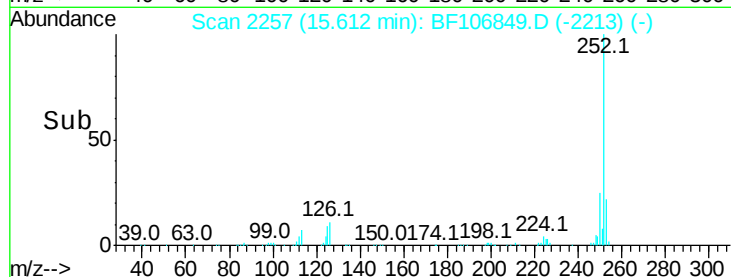
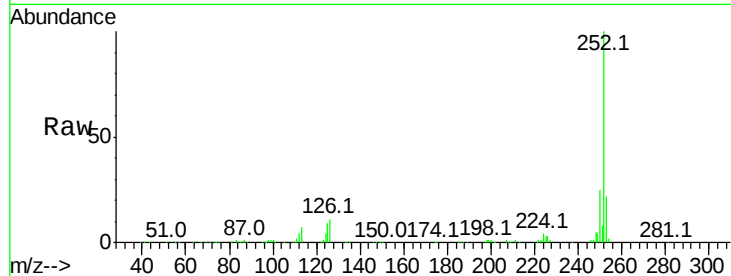
#89
Benzo(a)pyrene
Concen: 47.282 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.04 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Instrument :
BNA_F
ClientSampleId :
PB110514BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	9.0	9.8	14.6

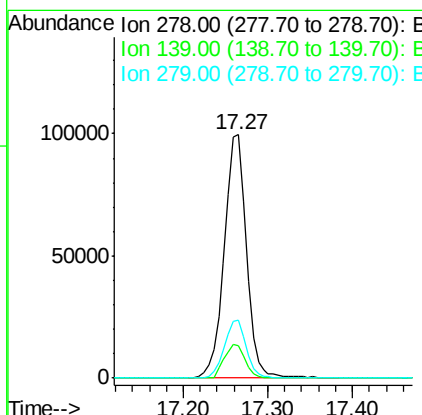
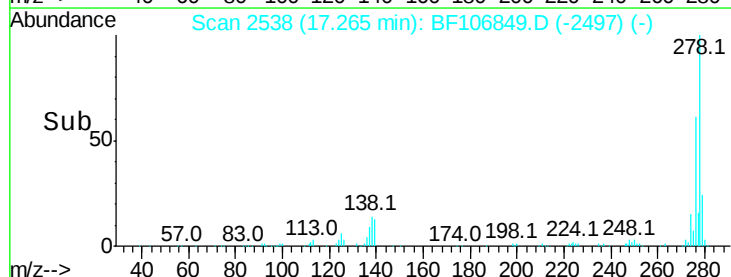
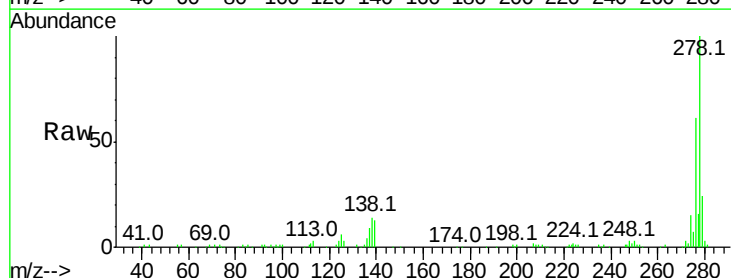
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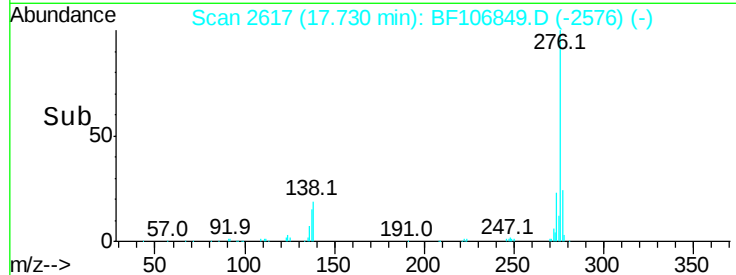
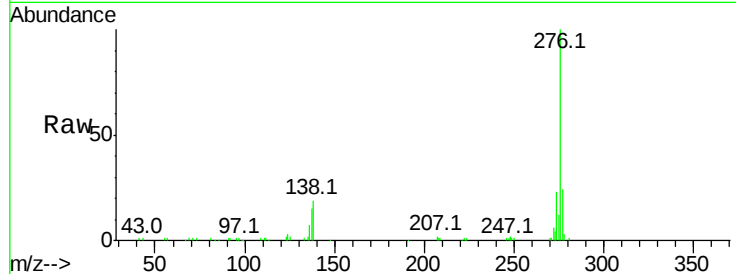
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#90
Dibenzo(a,h)anthracene
Concen: 45.142 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.06 min
Lab File: BF106849.D
Acq: 27 Jun 2018 3:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.1	15.9	23.9
279	23.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 45.491 ng
 RT: 17.73 min Scan# 2617
 Delta R.T. -0.06 min
 Lab File: BF106849.D
 Acq: 27 Jun 2018 3:48

Instrument :
 BNA_F
 ClientSampleId :
 PB110514BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.8	17.9	26.9
138	18.7	21.8	32.8

Manual Integrations
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