

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
 Data File : BF107336.D
 Acq On : 12 Jul 2018 14:04
 Operator : JU/SJ
 Sample : PB110949BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110949BS

Manual Integrations
 APPROVED

Sohil
 7/13/2018 11:17:11 AM

Quant Time: Jul 12 15:39:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	55558	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	214801	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	113386	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	231194	20.00	ng	0.00
75) Chrysene-d12	14.14	240	158447	20.00	ng	0.00
86) Perylene-d12	15.67	264	162171	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	337279	102.80	ng	0.01
7) Phenol-d6	6.58	99	411536	100.44	ng	0.00
23) Nitrobenzene-d5	7.50	82	266095	68.84	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	137405	104.56	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	521459	76.34	ng	0.00
78) Terphenyl-d14	13.06	244	605424	92.56	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.84	88	44695	26.497	ng	96
3) Pyridine	3.62	79	129467	28.301	ng	99
4) n-Nitrosodimethylamine	3.58	42	51480	26.495	ng	86
6) Aniline	6.60	93	102621	18.464	ng	# 23
8) 2-Chlorophenol	6.72	128	118381	32.896	ng	98
9) Benzaldehyde	6.49	77	49589	15.045	ng	98
10) Phenol	6.60	94	146491	31.328	ng	74
11) bis(2-Chloroethyl)ether	6.67	93	117179	30.355	ng	98
12) 1,3-Dichlorobenzene	6.87	146	138395	32.835	ng	97
13) 1,4-Dichlorobenzene	6.95	146	139910	32.833	ng	96
14) 1,2-Dichlorobenzene	7.10	146	131396	33.646	ng	97
15) Benzyl Alcohol	7.08	79	98602	29.970	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	169773	33.520	ng	# 13
17) 2-Methylphenol	7.20	107	100261	32.556	ng	# 90
18) Hexachloroethane	7.44	117	48619	32.445	ng	# 85
19) n-Nitroso-di-n-propylamine	7.34	70	84467	31.274	ng	95
20) 3+4-Methylphenols	7.35	107	134056	38.802	ng	93
22) Acetophenone	7.34	105	168713	35.107	ng	# 97
24) Nitrobenzene	7.52	77	129301	32.766	ng	99
25) Isophorone	7.75	82	236416	34.711	ng	100
26) 2-Nitrophenol	7.83	139	66158	35.514	ng	99
27) 2,4-Dimethylphenol	7.87	122	109880	38.161	ng	100
28) bis(2-Chloroethoxy)methane	7.95	93	150652	32.943	ng	98
29) 2,4-Dichlorophenol	8.08	162	108434	35.971	ng	94
30) 1,2,4-Trichlorobenzene	8.15	180	120759	36.364	ng	98
31) Naphthalene	8.24	128	350373	34.889	ng	99
32) Benzoic acid	8.01	122	45470	24.849	ng	99
33) 4-Chloroaniline	8.29	127	56306	13.362	ng	99
34) Hexachlorobutadiene	8.34	225	81355	37.598	ng	97
35) Caprolactam	8.67	113	33620m	34.214	ng	
36) 4-Chloro-3-methylphenol	8.79	107	109355	34.465	ng	95
37) 2-Methylnaphthalene	8.93	142	260539	39.141	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	136122	35.648	ng	# 96
40) Hexachlorocyclopentadiene	9.07	237	33614	17.110	ng	99

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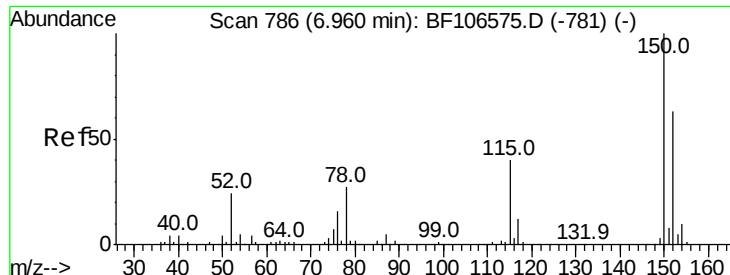
Manual Integrations
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Sohil
 7/13/2018 11:17:11 AM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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 QLast Update : Wed Jul 11 16:39:37 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	69692	27.457	nq	96
43) 2,4,5-Trichlorophenol	9.27	196	68061	25.697	nq	89
45) 1,1'-Biphenyl	9.40	154	311346	34.455	nq	98
46) 2-Chloronaphthalene	9.42	162	227294	31.955	nq	95
47) 2-Nitroaniline	9.53	65	70600	29.517	nq	94
48) Acenaphthylene	9.84	152	363377	32.358	nq	99
49) Dimethylphthalate	9.69	163	262647	30.885	nq	98
50) 2,6-Dinitrotoluene	9.77	165	61143	33.954	nq #	81
51) Acenaphthene	10.01	154	222364	31.445	nq	98
52) 3-Nitroaniline	9.94	138	31950	15.418	nq	99
53) 2,4-Dinitrophenol	10.07	184	30513	35.762	nq #	18
54) Dibenzofuran	10.19	168	327895	33.863	nq	95
55) 4-Nitrophenol	10.14	139	21819	15.085	nq	97
56) 2,4-Dinitrotoluene	10.18	165	77182	32.836	nq	93
57) Fluorene	10.53	166	271783	35.371	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.31	232	48739	23.150	nq #	80
59) Diethylphthalate	10.39	149	257313	31.349	nq #	94
60) 4-Chlorophenyl-phenylether	10.51	204	140424	34.928	nq #	88
61) 4-Nitroaniline	10.57	138	53710	26.117	nq	94
62) Azobenzene	10.68	77	252039	31.182	nq	94
64) 4,6-Dinitro-2-methylphenol	10.60	198	37852	26.486	nq	74
65) n-Nitrosodiphenylamine	10.64	169	228953	29.442	nq	99
66) 4-Bromophenyl-phenylether	11.01	248	95368	34.564	nq #	82
67) Hexachlorobenzene	11.08	284	100277	34.724	nq #	86
68) Atrazine	11.17	200	82542	33.389	nq	95
69) Pentachlorophenol	11.29	266	25178m	17.473	nq	
70) Phenanthrene	11.50	178	392046	35.158	nq	99
71) Anthracene	11.55	178	406856	35.746	nq	99
72) Carbazole	11.71	167	336802	31.606	nq	98
73) Di-n-butylphthalate	12.02	149	397658	31.676	nq	99
74) Fluoranthene	12.70	202	409006	33.278	nq	95
76) Benzidine	12.82	184	107215	23.759	nq	97
77) Pyrene	12.93	202	400039	38.287	nq	99
79) Butylbenzylphthalate	13.52	149	143773	33.468	nq #	98
80) Benzo(a)anthracene	14.12	228	329896	34.162	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	59189	17.439	nq #	97
82) Chrysene	14.16	228	309510	34.838	nq	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	186948	34.039	nq #	96
84) Di-n-octyl phthalate	14.70	149	303840	33.939	nq	96
85) Indeno(1,2,3-cd)pyrene	17.28	276	359684	47.707	nq #	90
87) Benzo(b)fluoranthene	15.22	252	315821	31.350	nq #	97
88) Benzo(k)fluoranthene	15.25	252	295599	30.813	nq #	95
89) Benzo(a)pyrene	15.61	252	305533	34.117	nq #	96
90) Dibenzo(a,h)anthracene	17.28	278	298181	39.287	nq #	93
91) Benzo(g,h,i)perylene	17.75	276	310846	41.902	nq #	89

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



#1

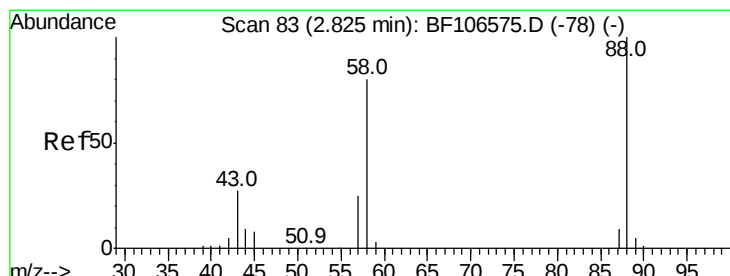
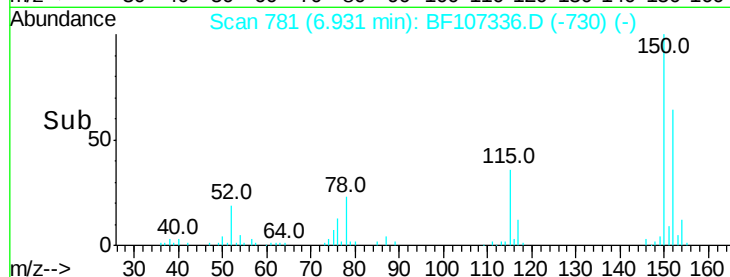
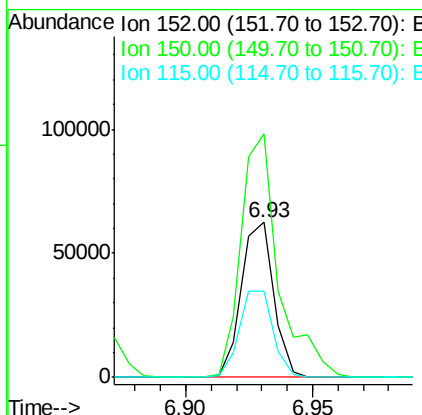
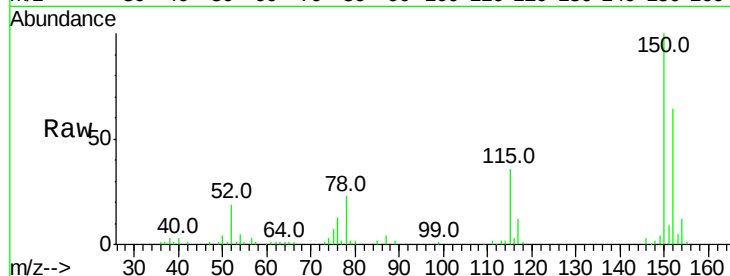
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Instrument :
BNA_F
ClientSampled :
PB110949BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	56.0	50.1	75.1

Manual Integrations
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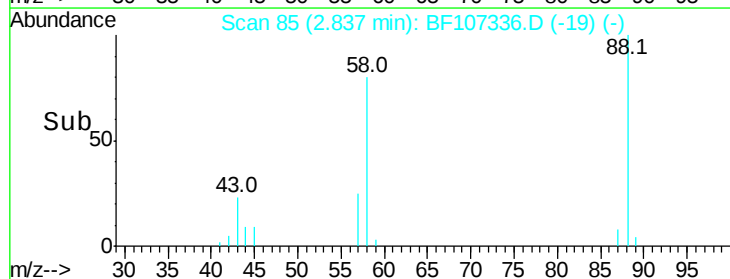
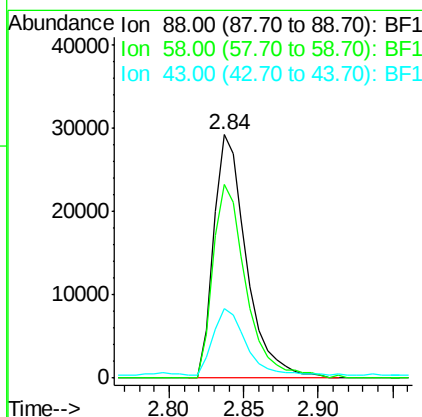
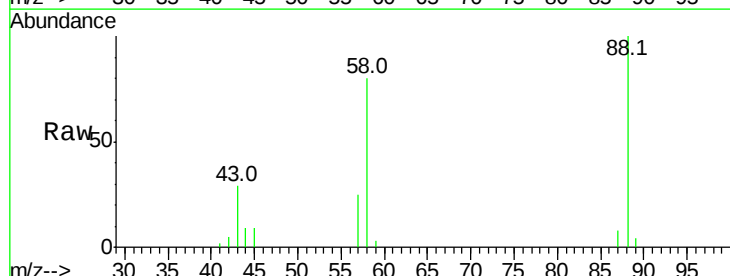
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#2

1,4-Dioxane
Concen: 26.497 ng
RT: 2.84 min Scan# 85
Delta R.T. 0.09 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.6	62.6	93.8
43	27.4	24.6	37.0





#3

Pvridine

Concen: 28.301 ng

RT: 3.62 min Scan# 218

Delta R.T. 0.08 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

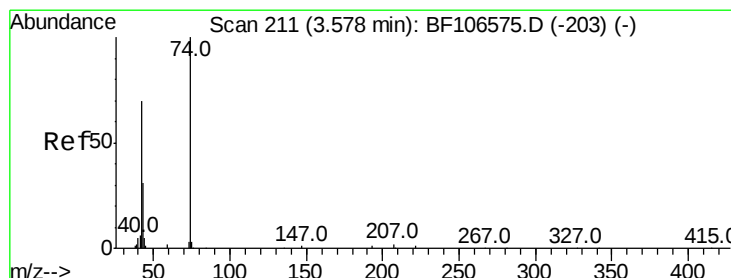
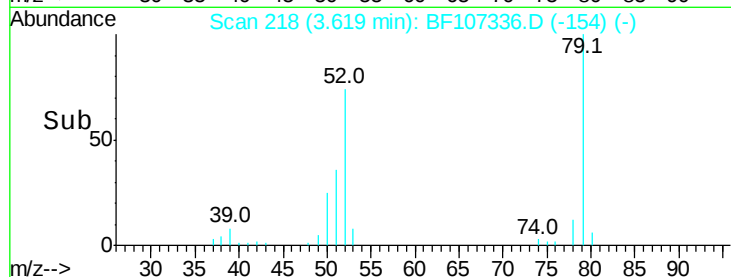
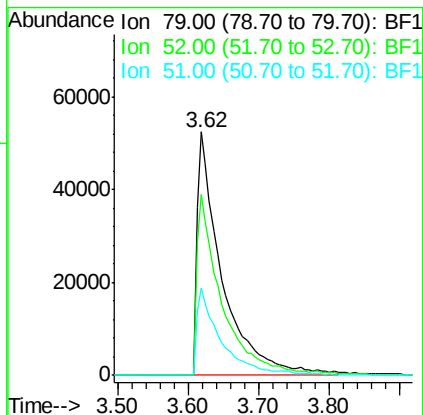
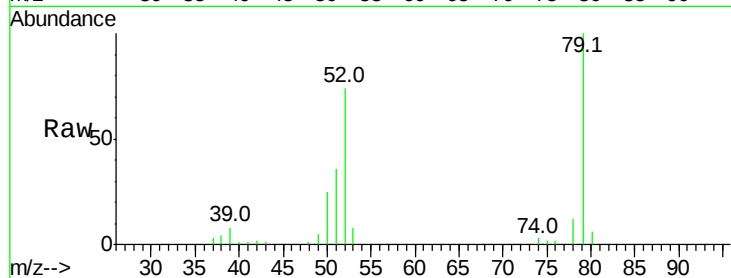
ClientSampleId :

PB110949BS

Tot Ion:	79	Resp:	129467
Ion Ratio	Lower	Upper	
79	100		
52	74.3	59.8	89.6
51	35.9	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 26.495 ng

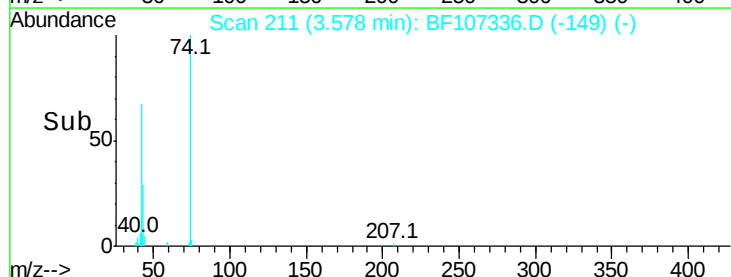
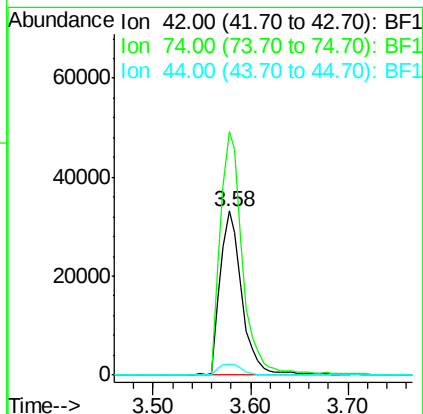
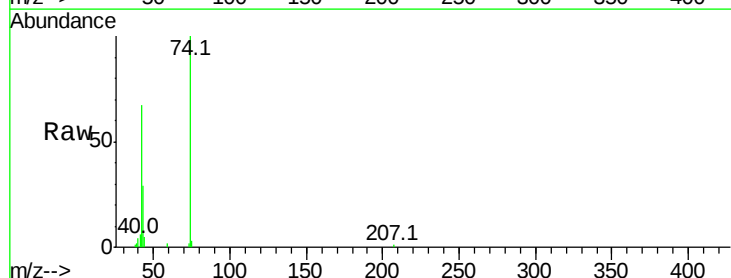
RT: 3.58 min Scan# 211

Delta R.T. 0.06 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Tgt Ion:	42	Resp:	51480
Ion Ratio	Lower	Upper	
42	100		
74	148.7	104.9	157.3
44	6.9	6.9	10.3





#5

2-Fluorophenol

Concen: 102.797 ng

RT: 5.58 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

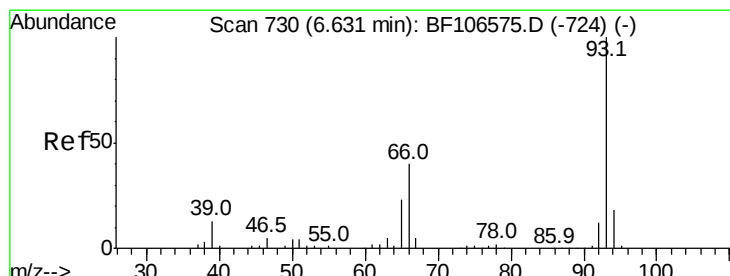
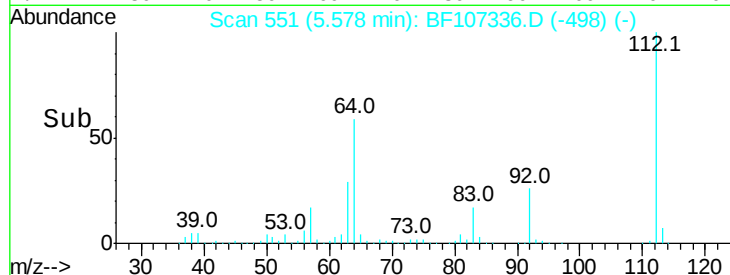
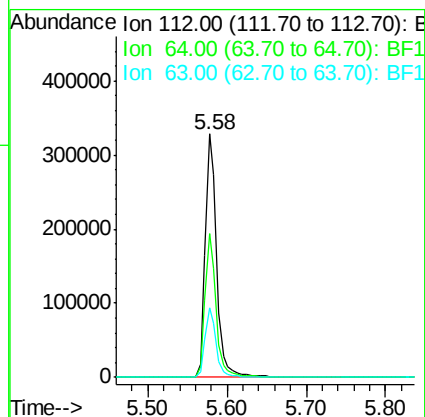
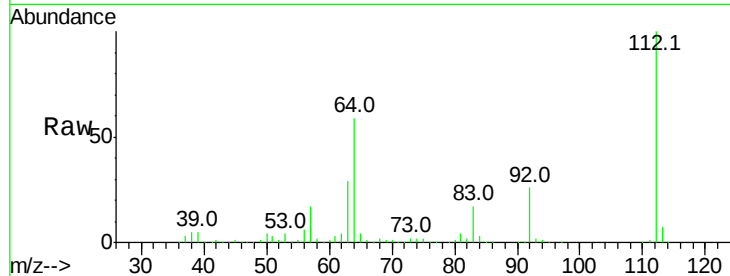
ClientSampleId :

PB110949BS

Tot Ion:	112	Resp:	337279
Ion Ratio	Lower	Upper	
112	100		
64	59.3	47.9	71.9
63	28.7	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 18.464 ng

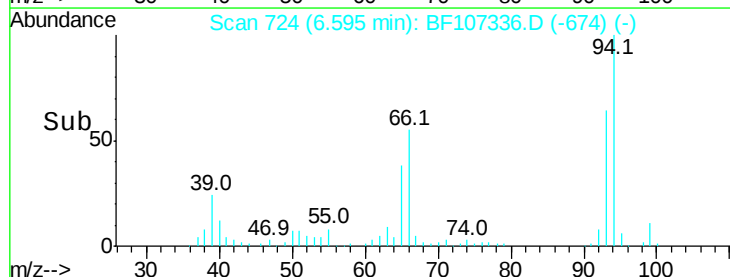
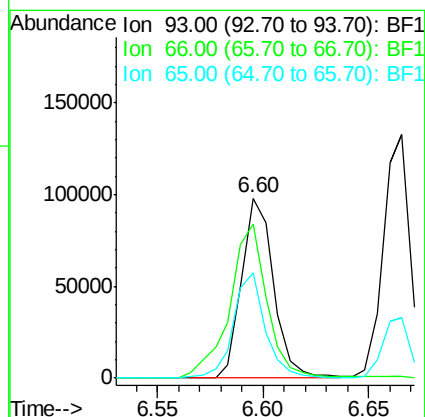
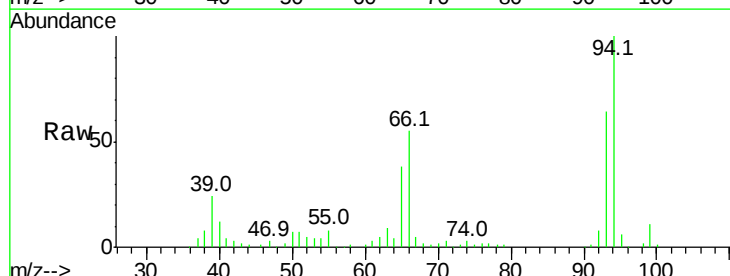
RT: 6.60 min Scan# 724

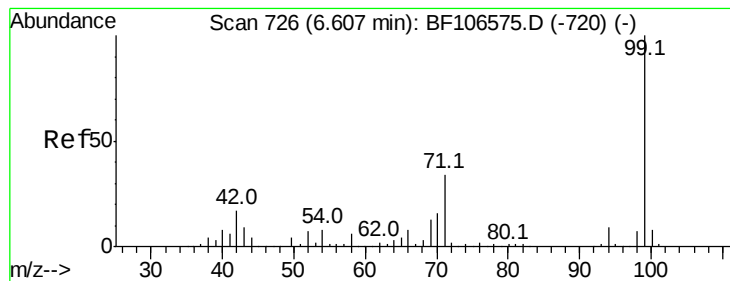
Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Tgt Ion:	93	Resp:	102621
Ion Ratio	Lower	Upper	
93	100		
66	85.7	32.2	48.2#
65	58.9	16.4	24.6#





#7

Phenol-d6

Concen: 100.440 ng

RT: 6.58 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

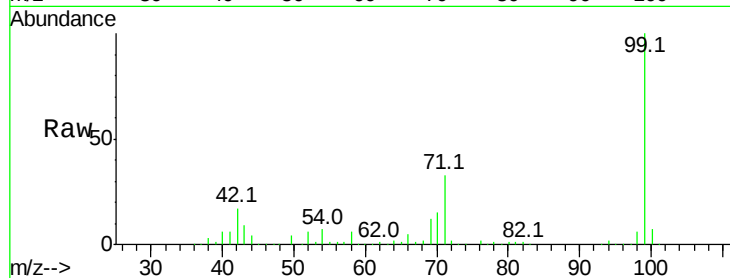
ClientSampleId :

PB110949BS

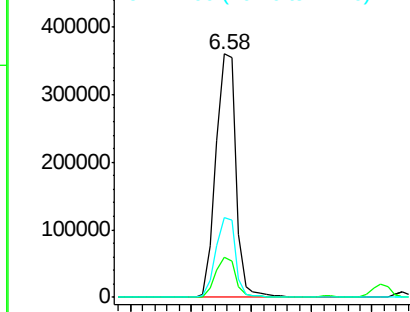
Tot Ion:	99	Resp:	411536
Ion Ratio	Lower	Upper	
99	100		
42	16.5	14.5	21.7
71	32.9	25.4	38.0

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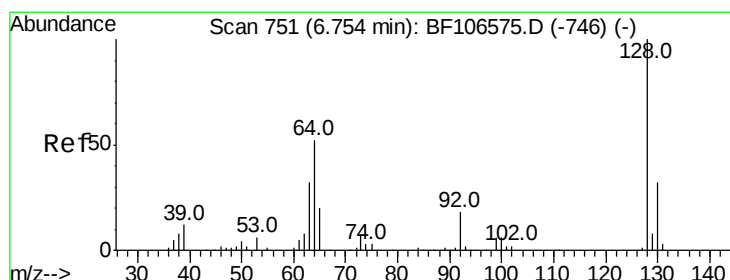
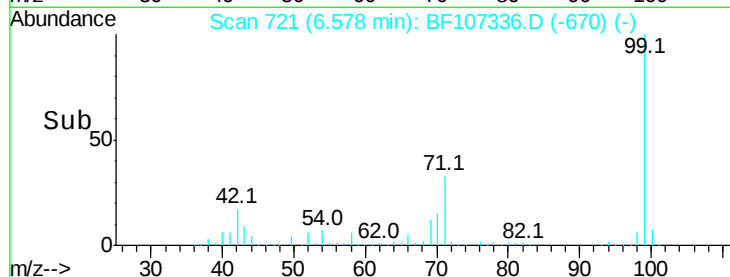
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->



#8

2-Chlorophenol

Concen: 32.896 ng

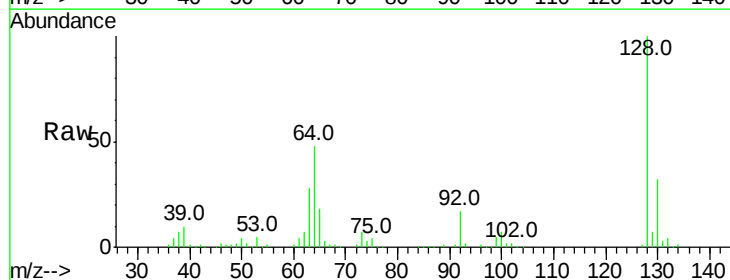
RT: 6.72 min Scan# 746

Delta R.T. -0.00 min

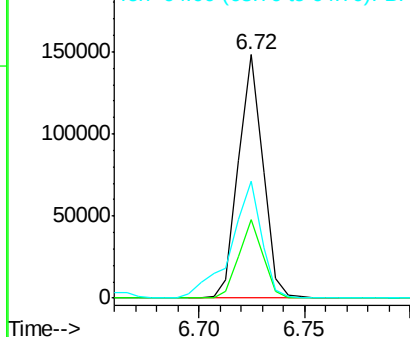
Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

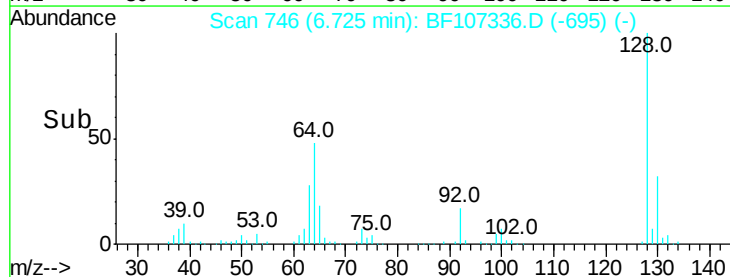
Tgt Ion:	128	Resp:	118381
Ion Ratio	Lower	Upper	
128	100		
130	32.3	13.0	53.0
64	48.1	29.4	69.4

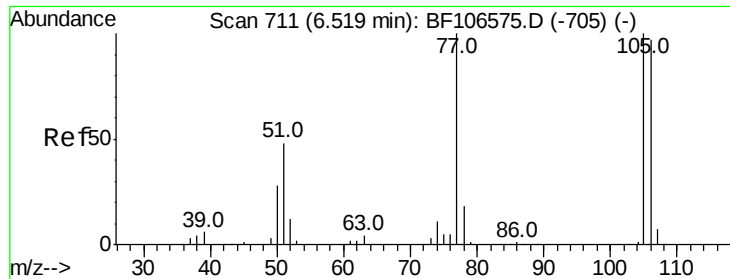


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1



Time-->





#9

Benzaldehyde

Concen: 15.045 ng

RT: 6.49 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB110949BS

Tot Ion: 77 Resp: 49589

Ion Ratio Lower Upper

77 100

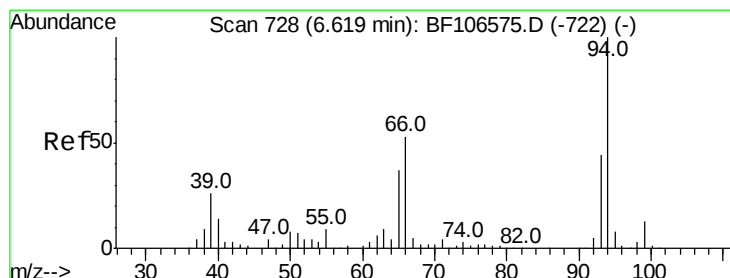
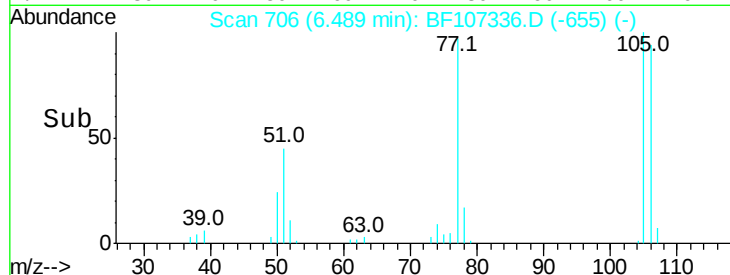
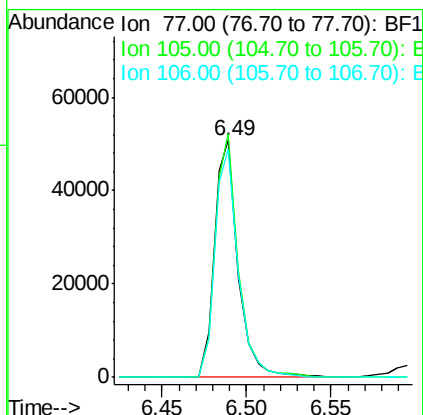
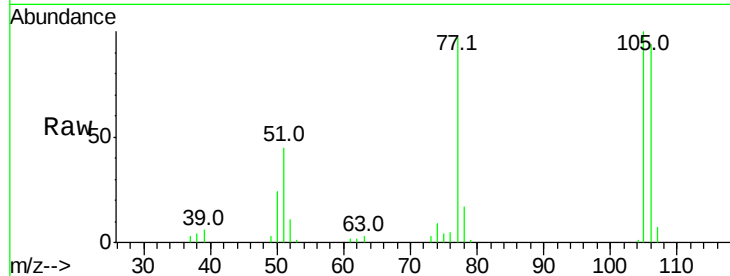
105 102.9 81.1 121.1

106 96.4 74.5 114.5

Manual Integrations
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#10

Phenol

Concen: 31.328 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

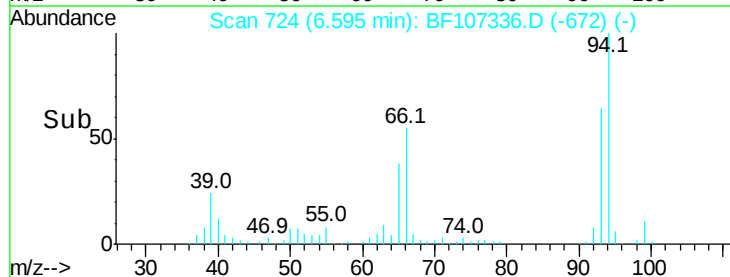
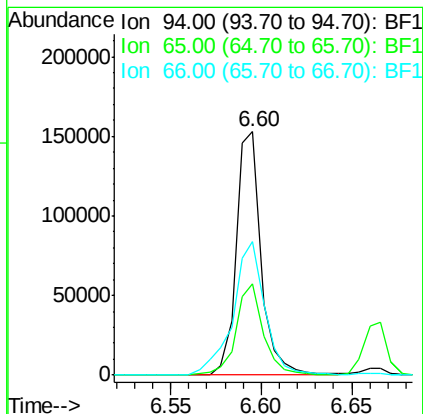
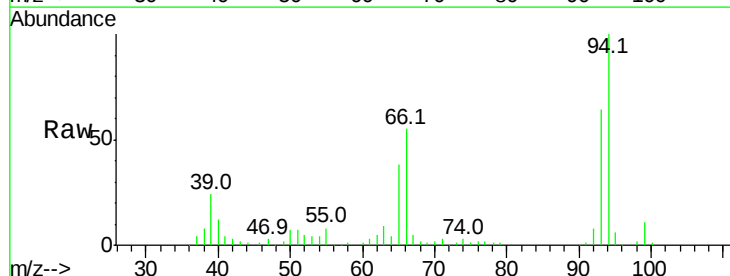
Tgt Ion: 94 Resp: 146491

Ion Ratio Lower Upper

94 100

65 37.7 7.9 47.9

66 55.0 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 30.355 ng

RT: 6.67 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB110949BS

Tot Ion: 93 Resp: 117179

Ion Ratio Lower Upper

93 100

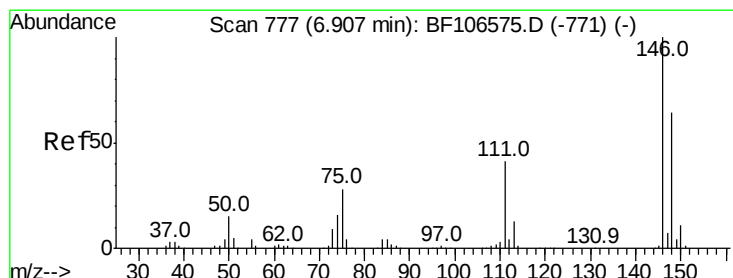
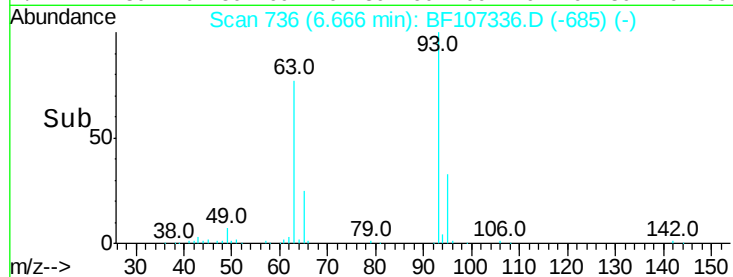
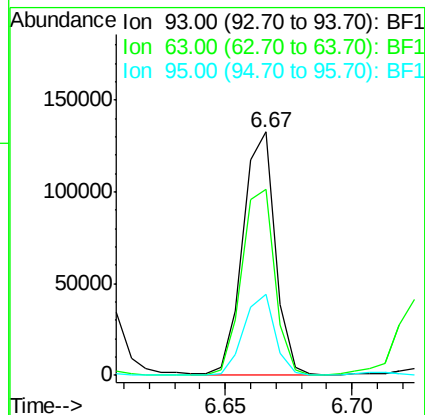
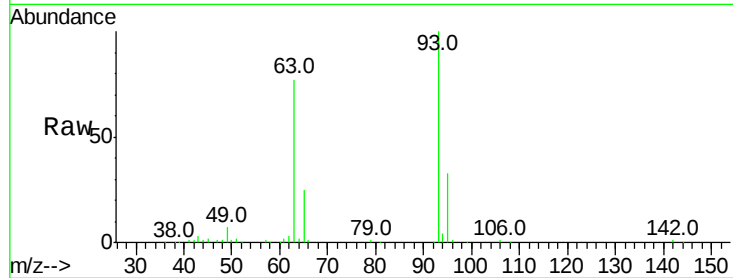
63 76.6 58.6 98.6

95 33.3 11.8 51.8

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#12

1,3-Dichlorobenzene

Concen: 32.835 ng

RT: 6.87 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

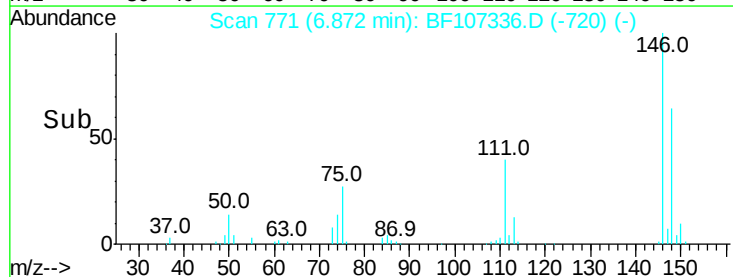
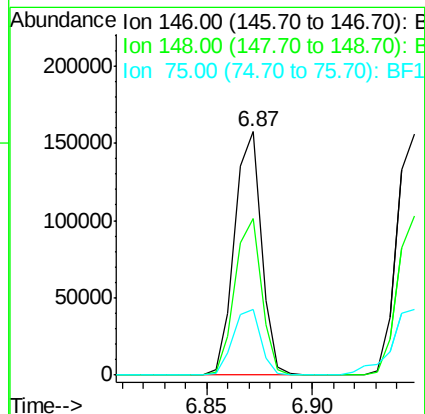
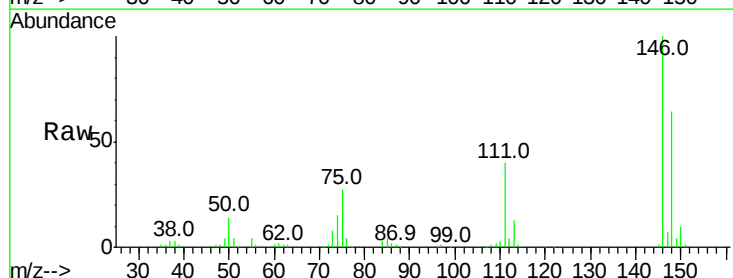
Tgt Ion: 146 Resp: 138395

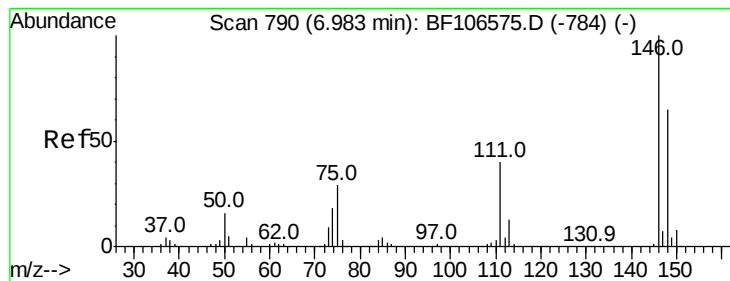
Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.8

75 26.7 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 32.833 ng

RT: 6.95 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

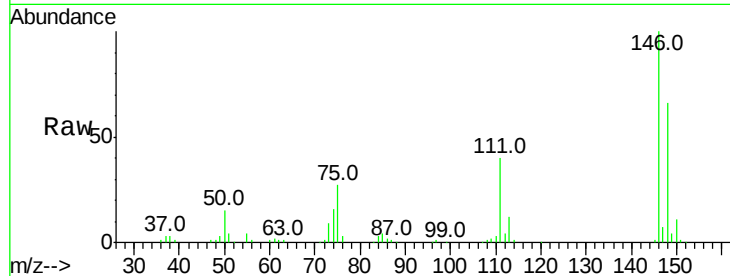
ClientSampleId :

PB110949BS

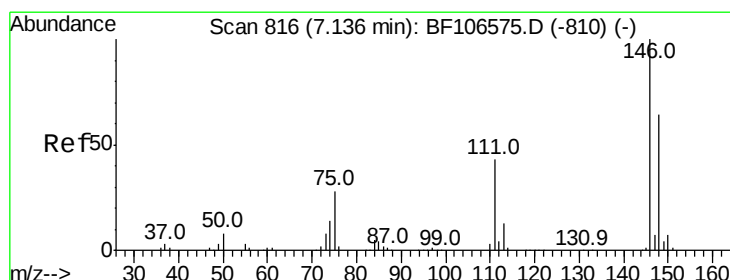
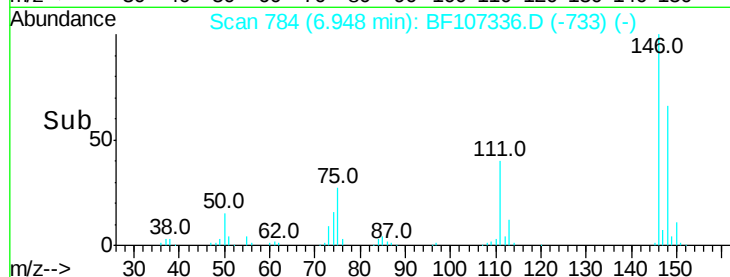
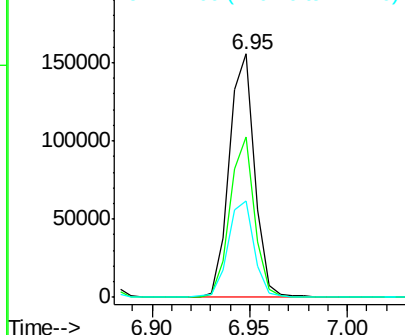
Tot Ion:	146	Resp:	139910
Ion Ratio	Lower	Upper	
146	100		
148	66.1	50.8	76.2
111	39.7	34.2	51.2

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 33.646 ng

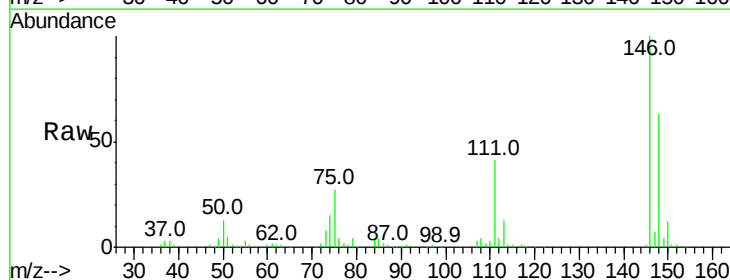
RT: 7.10 min Scan# 810

Delta R.T. -0.00 min

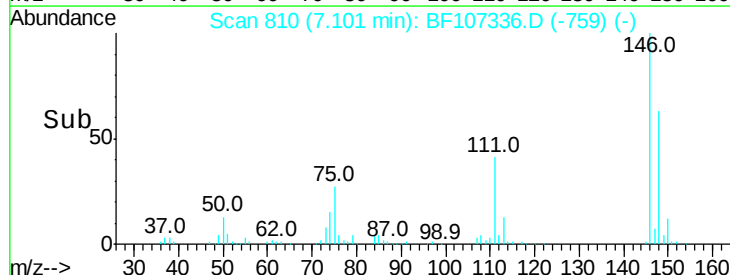
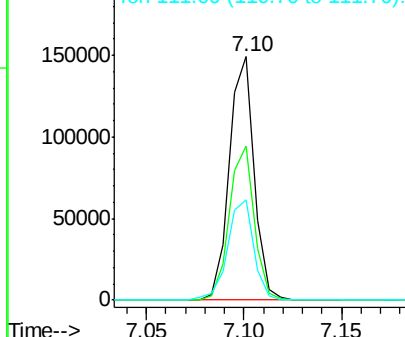
Lab File: BF107336.D

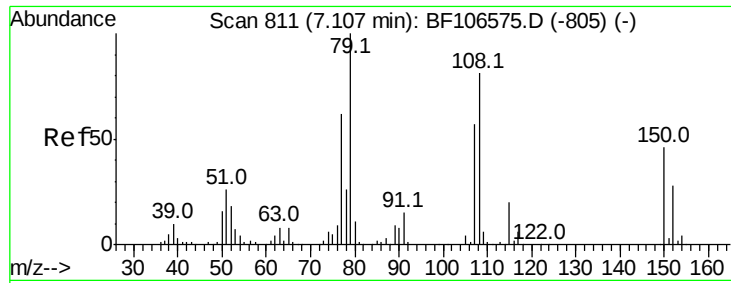
Acq: 12 Jul 2018 14:04

Tgt Ion:	146	Resp:	131396
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.6	75.8
111	41.1	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





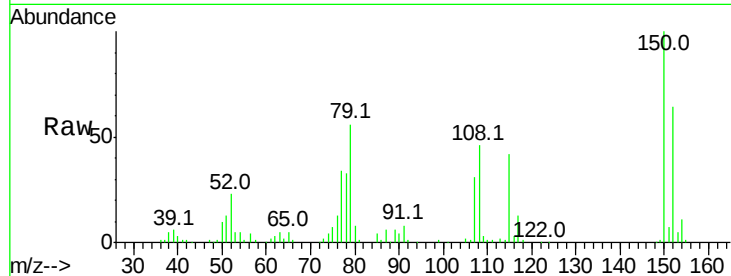
#15
Benzyl Alcohol
Concen: 29.970 ng
RT: 7.08 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Instrument :
BNA_F
ClientSampleId :
PB110949BS

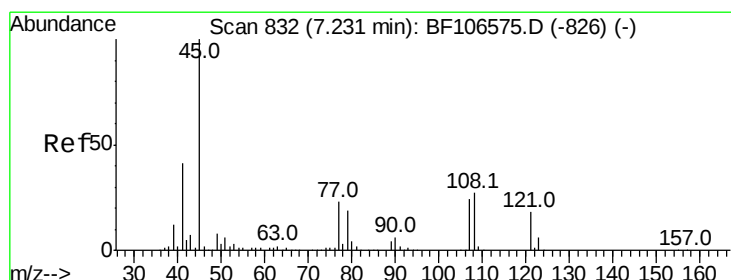
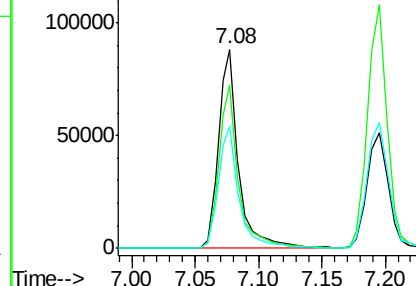
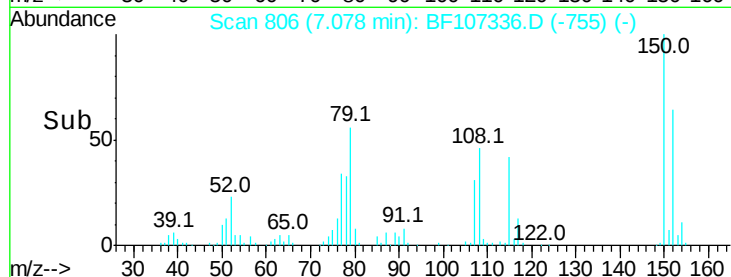
Tot Ion	Ratio	Lower	Upper
79	100		
108	81.8	65.1	97.7
77	61.1	50.6	75.8

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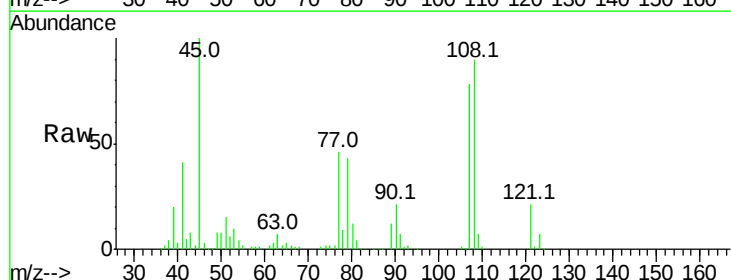


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

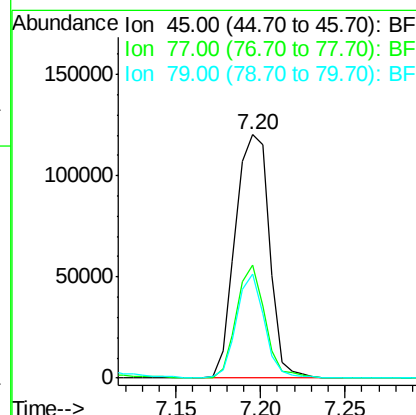
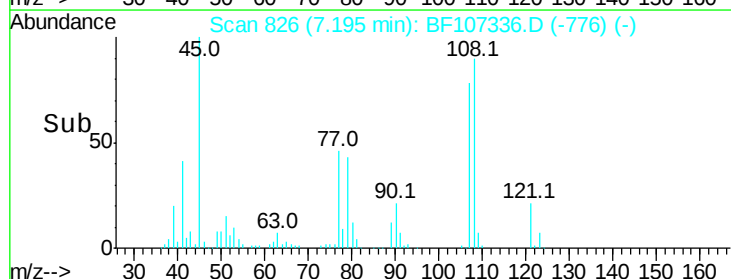


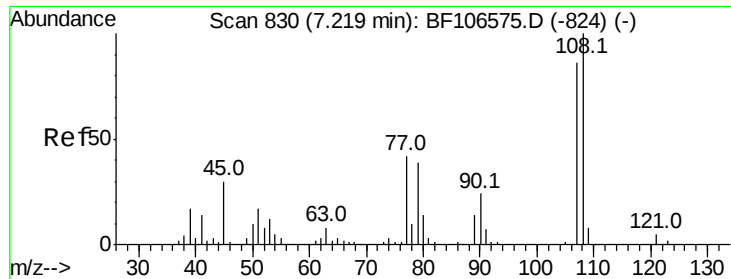
#16
2,2'-oxybis(1-chloropropane)
Concen: 33.520 ng
RT: 7.20 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	46.5	0.0	32.9#
79	42.7	0.0	29.6#



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





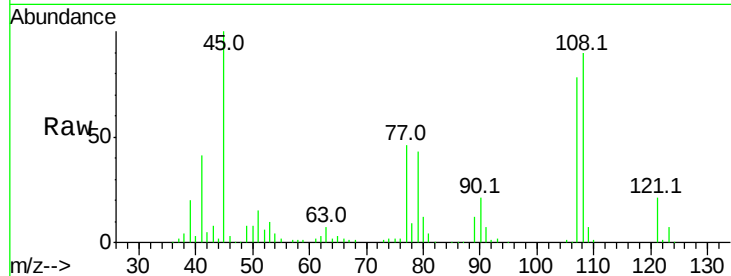
#17
2-Methylphenol
Concen: 32.556 ng
RT: 7.20 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Instrument :
BNA_F
ClientSampleId :
PB110949BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.5	91.7	137.5
77	59.3	33.8	50.8#
79	54.5	33.8	50.8#

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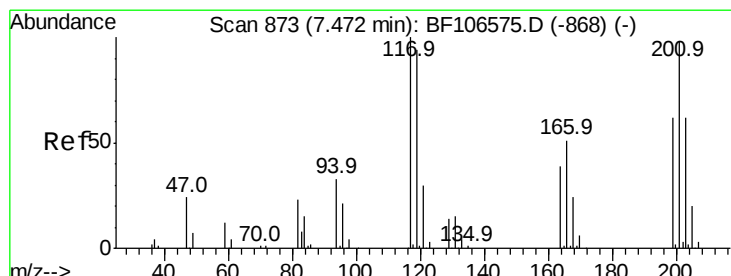
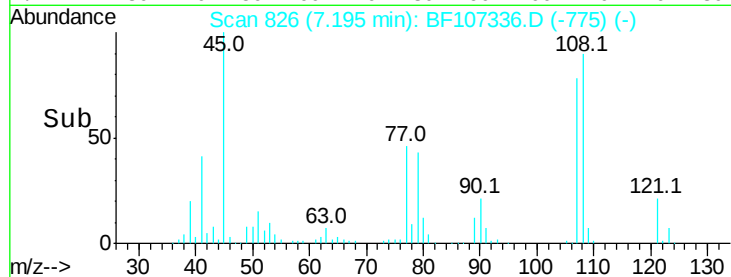
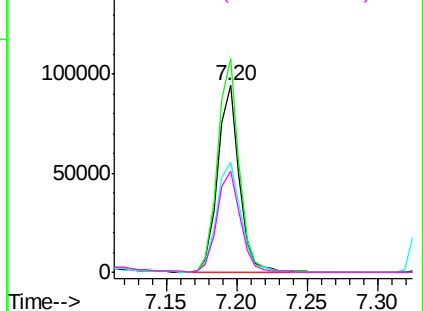
Abundance

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: 32.445 ng
RT: 7.44 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

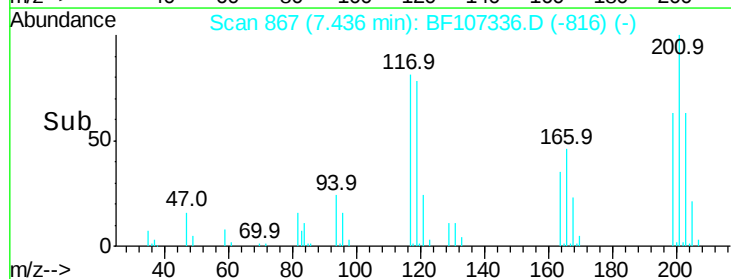
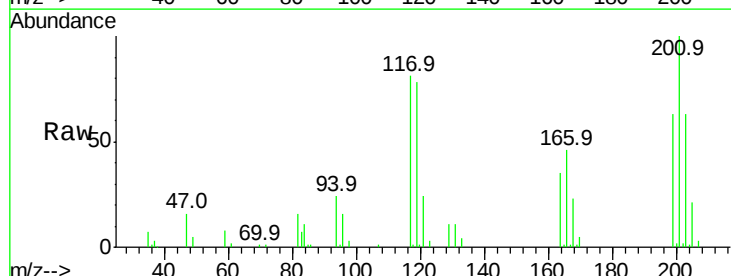
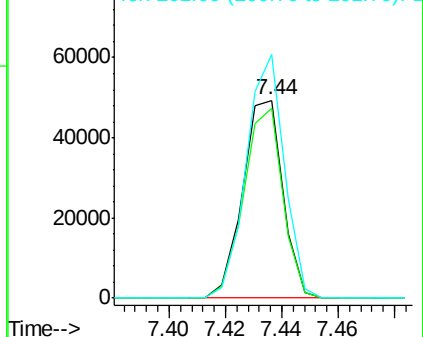
Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.8	113.8
201	123.0	75.7	113.5#

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





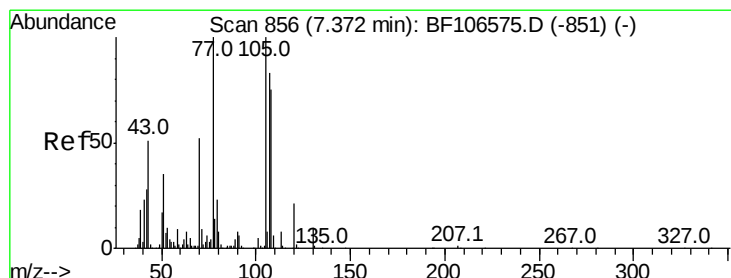
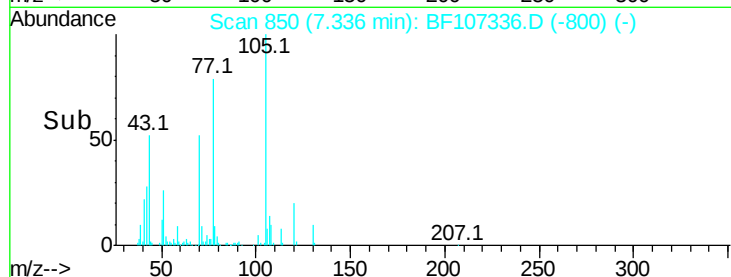
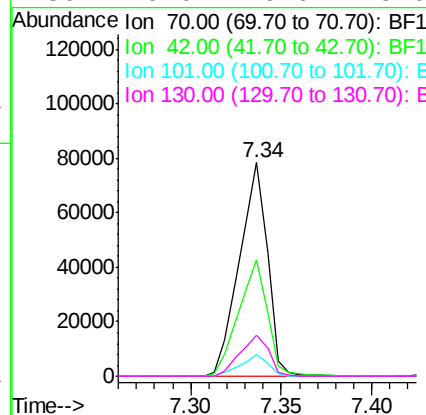
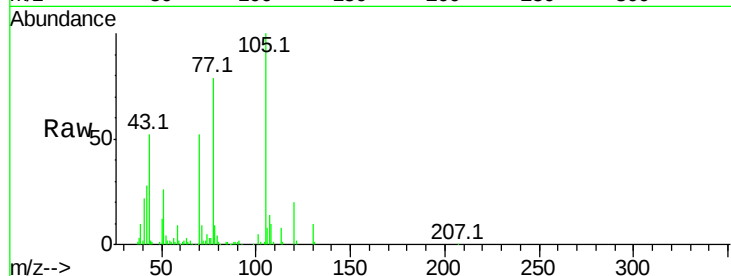
#19
n-Nitroso-di-n-propylamine
Concen: 31.274 ng
RT: 7.34 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Instrument :
BNA_F
ClientSampleId :
PB110949BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.8	47.5	71.3	
101	10.2	7.4	11.2	
130	19.0	16.6	25.0	

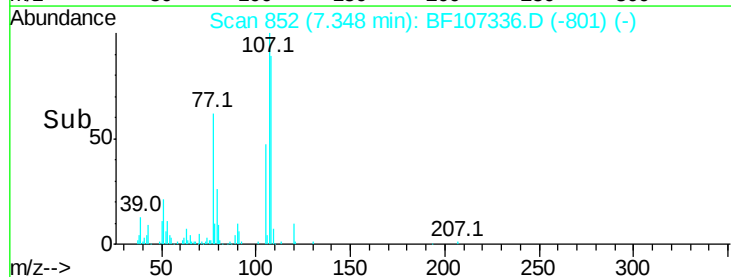
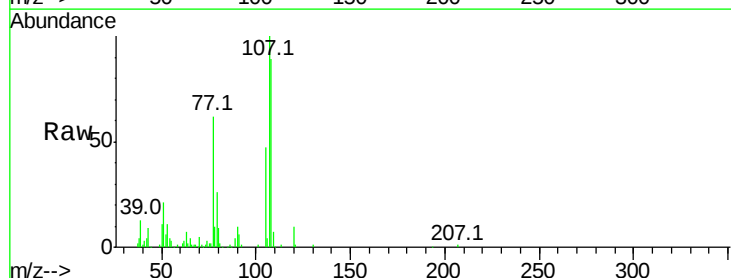
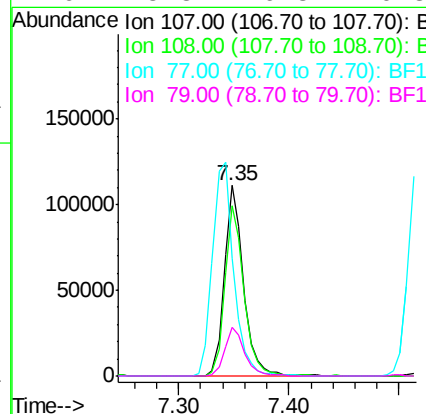
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#20
3+4-Methylphenols
Concen: 38.802 ng
RT: 7.35 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.4	68.2	108.2	
77	61.7	26.7	66.7	
79	25.8	6.3	46.3	





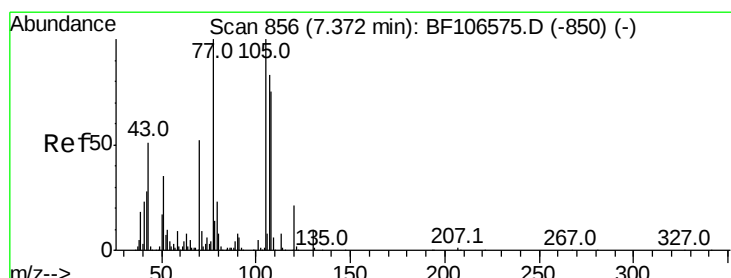
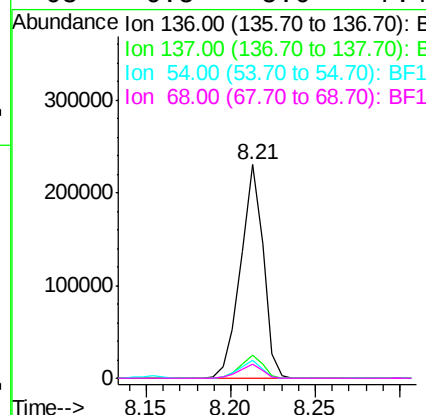
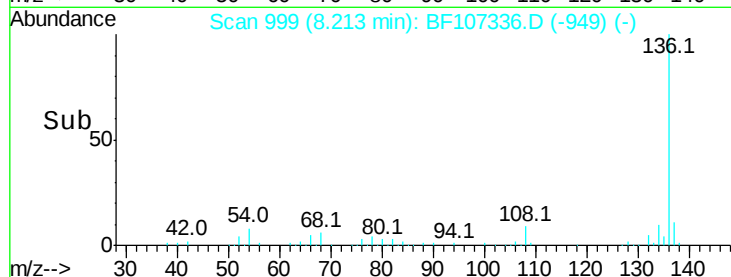
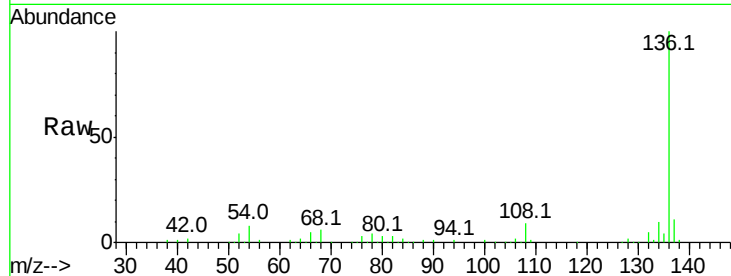
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Instrument :
BNA_F
ClientSampleId :
PB110949BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	8.2	6.6	9.8	
68	6.5	5.0	7.4	

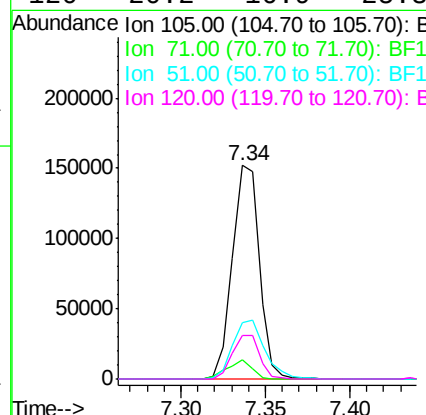
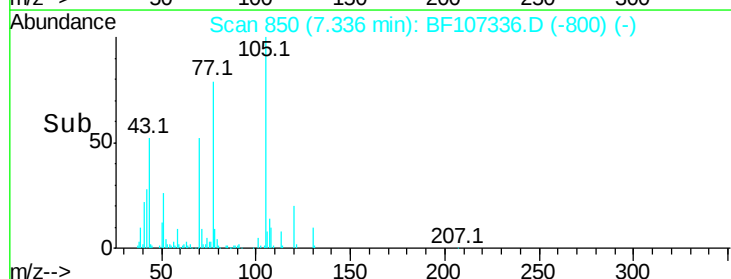
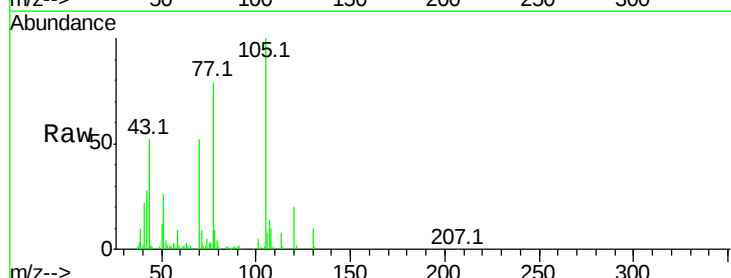
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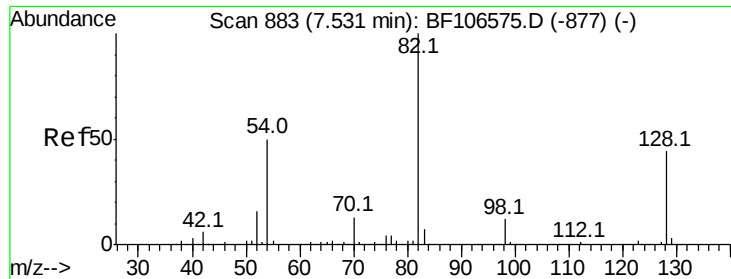
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#22
Acetophenone
Concen: 35.107 ng
RT: 7.34 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.9	4.4	6.6#	
51	26.4	22.3	33.5	
120	20.2	16.9	25.3	





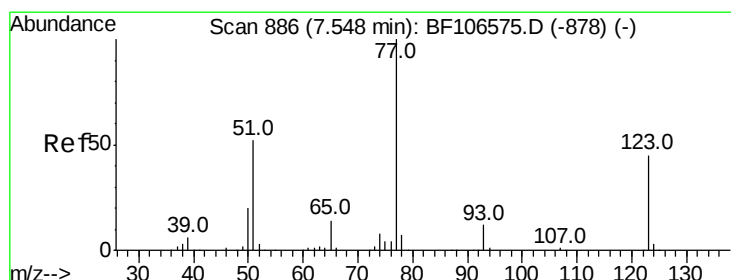
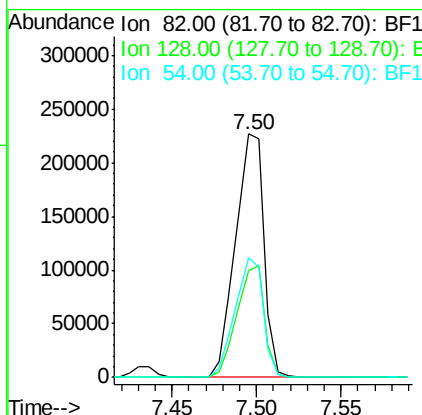
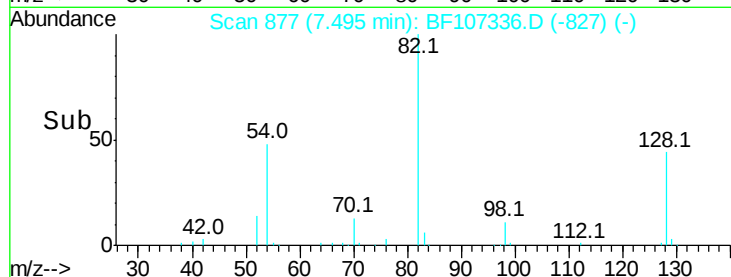
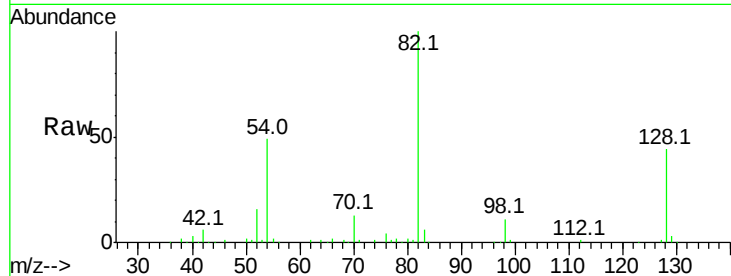
#23
Nitrobenzene-d5
Concen: 68.844 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Instrument :
BNA_F
ClientSampleId :
PB110949BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.7	36.1	54.1	
54	48.8	41.4	62.2	

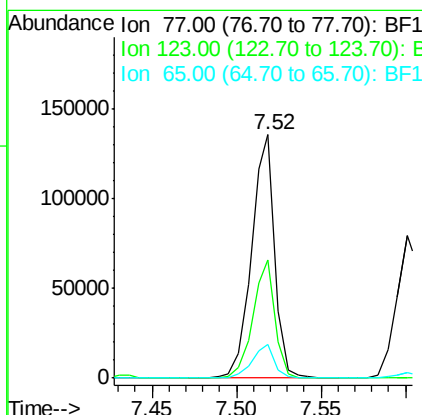
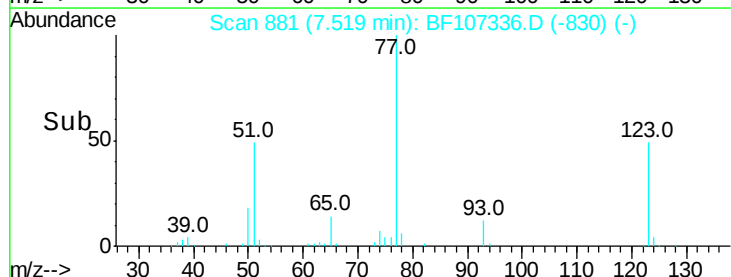
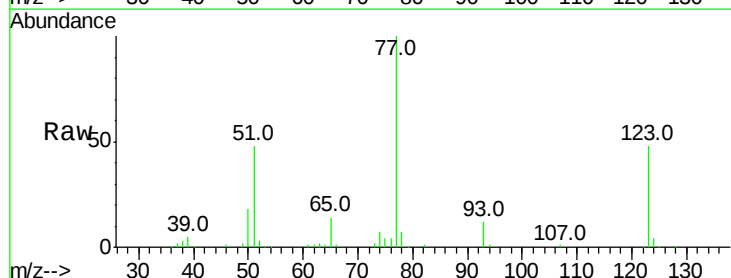
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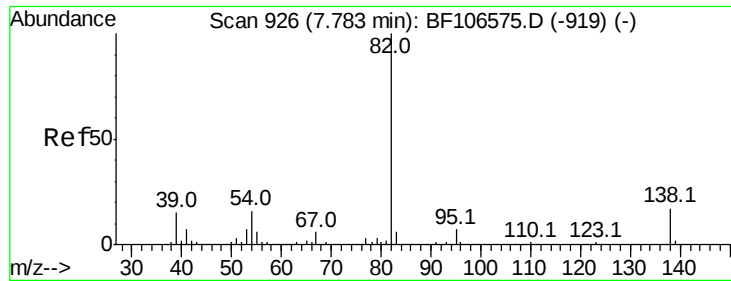
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#24
Nitrobenzene
Concen: 32.766 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.5	37.9	56.9	
65	13.7	11.0	16.4	





#25

Isophorone

Concen: 34.711 ng

RT: 7.75 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

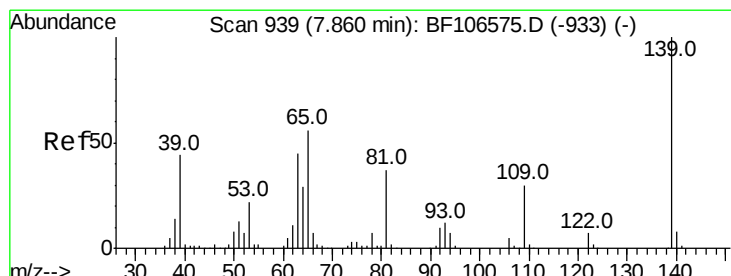
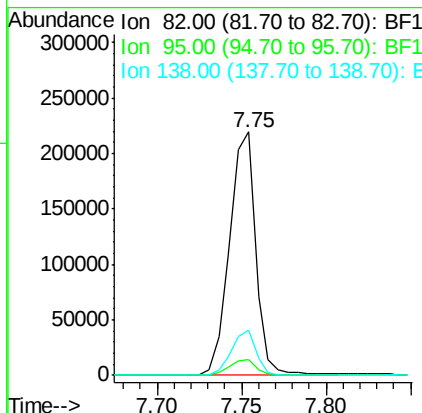
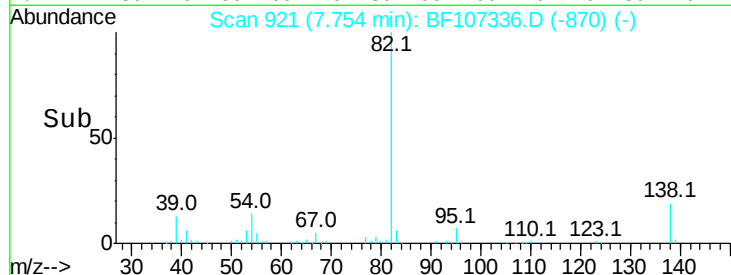
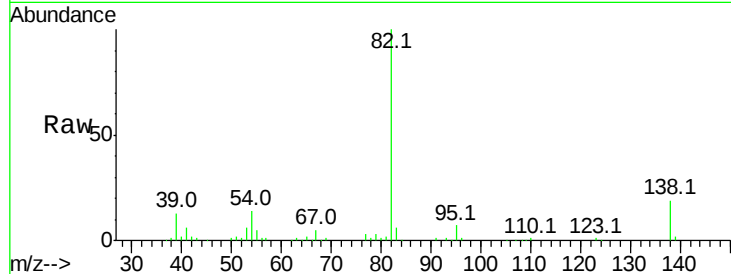
ClientSampleId :

PB110949BS

Tot Ion:	82	Resp:	236416
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.2	7.8
138	18.6	14.9	22.3

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#26

2-Nitrophenol

Concen: 35.514 ng

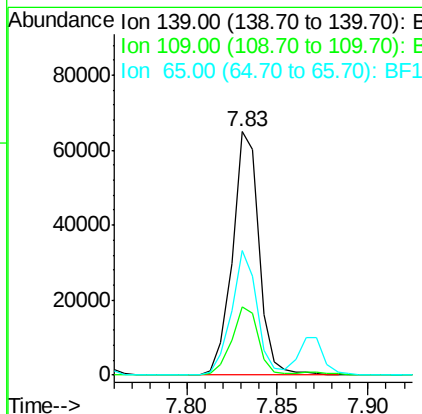
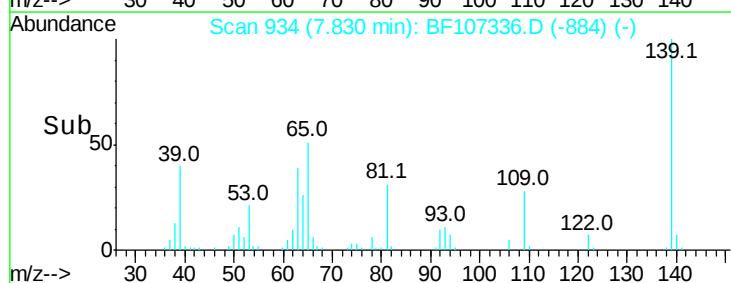
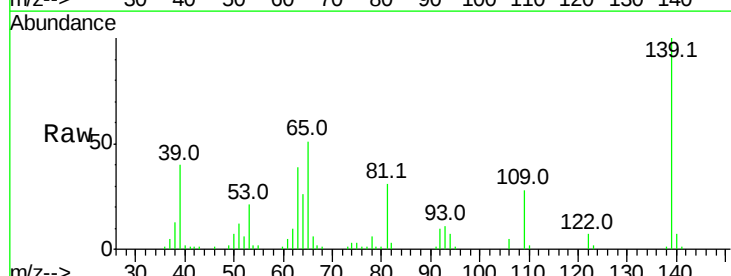
RT: 7.83 min Scan# 934

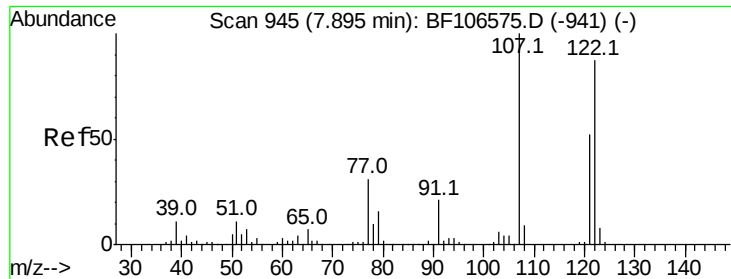
Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Tgt Ion:	139	Resp:	66158
Ion Ratio	Lower	Upper	
139	100		
109	28.1	22.7	34.1
65	51.0	40.5	60.7





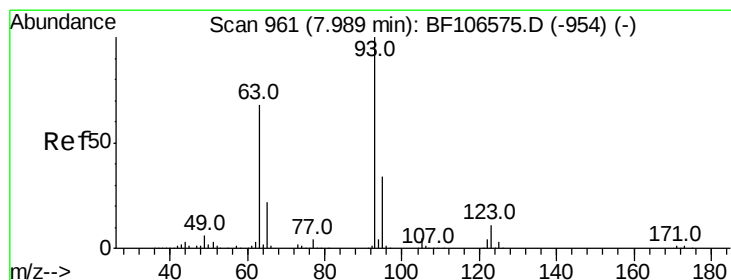
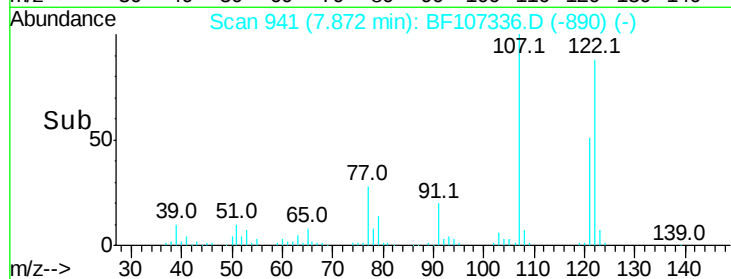
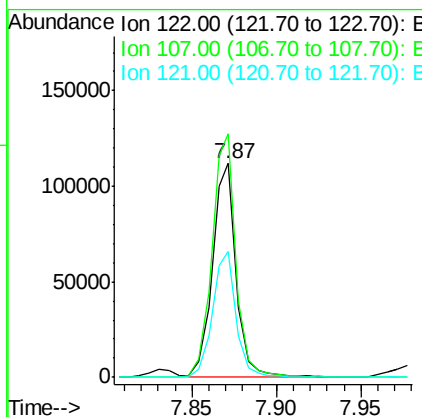
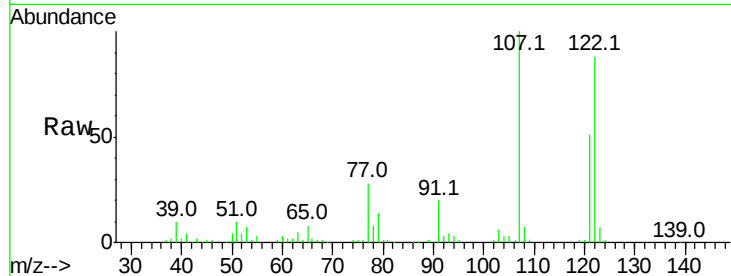
#27
2,4-Dimethylphenol
Concen: 38.161 ng
RT: 7.87 min Scan# 941
Delta R.T. -0.00 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Instrument :
BNA_F
ClientSampleId :
PB110949BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.9	91.2	136.8
121	58.6	47.2	70.8

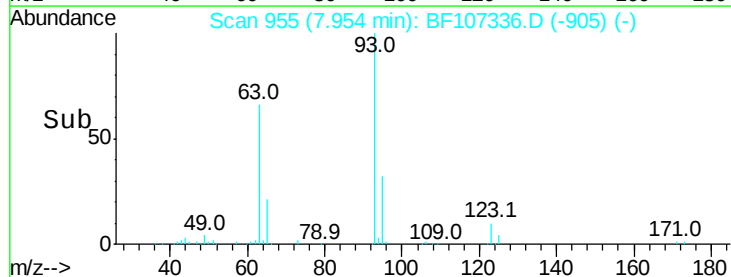
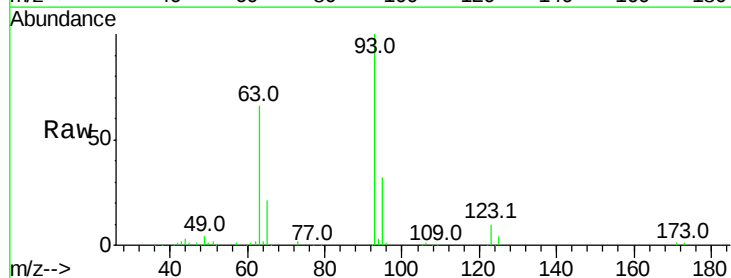
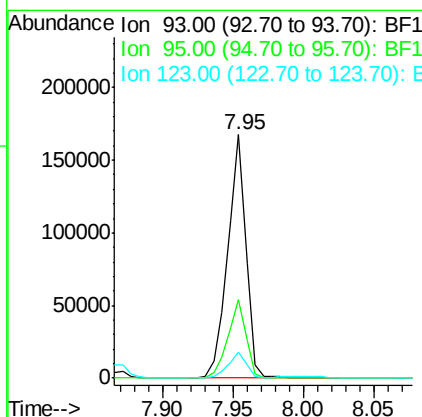
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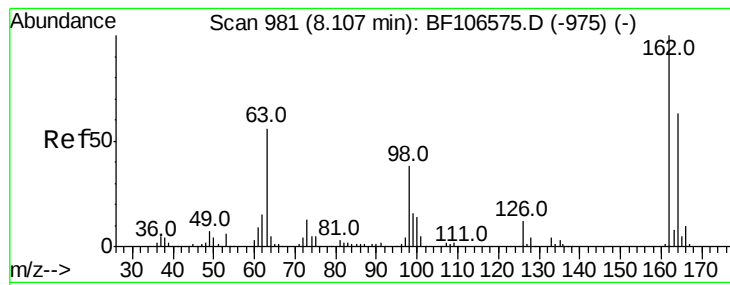
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#28
bis(2-Chloroethoxy)methane
Concen: 32.943 ng
RT: 7.95 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	10.4	9.8	14.6





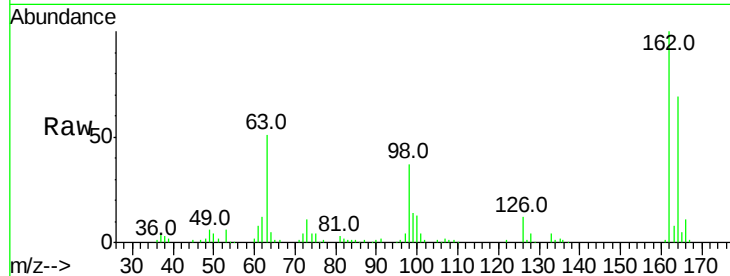
#29
 2,4-Dichlorophenol
 Concen: 35.971 ng
 RT: 8.08 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Instrument :
 BNA_F
 ClientSampled :
 PB110949BS

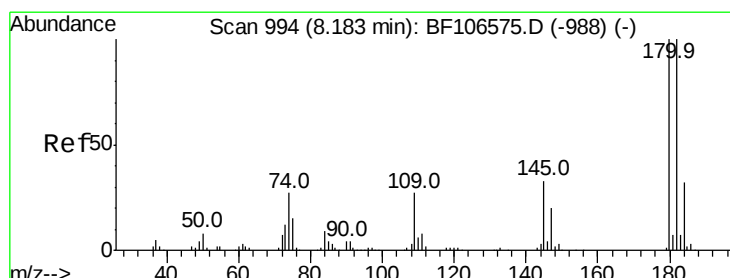
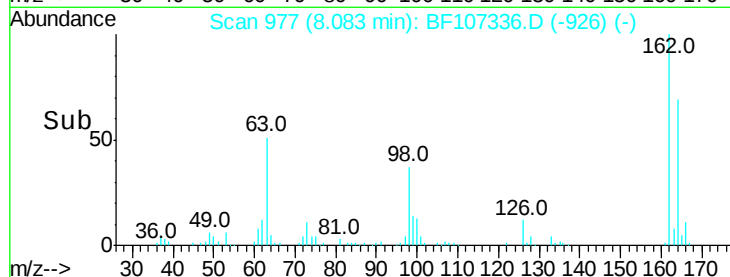
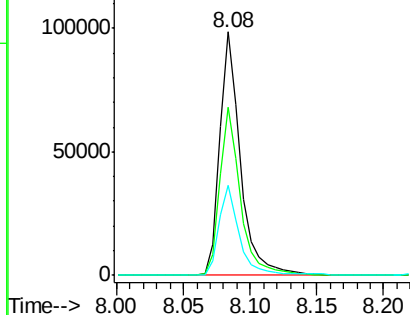
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	69.2	42.7	82.7	
98	36.9	18.1	58.1	

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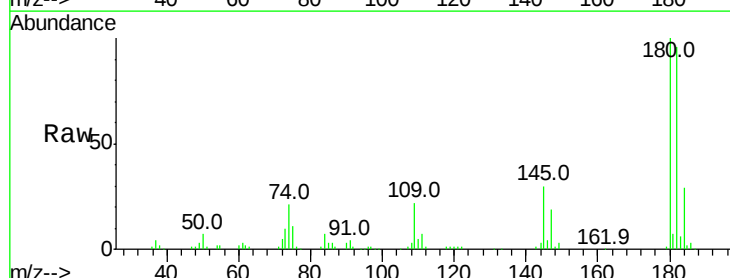


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

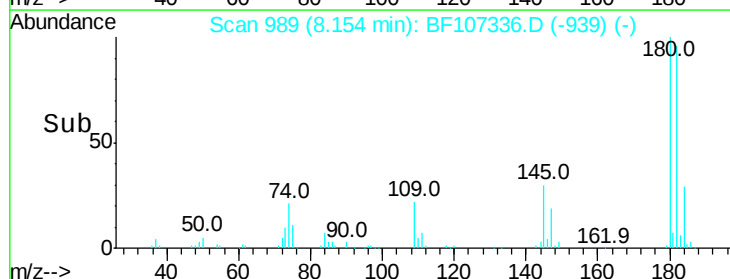
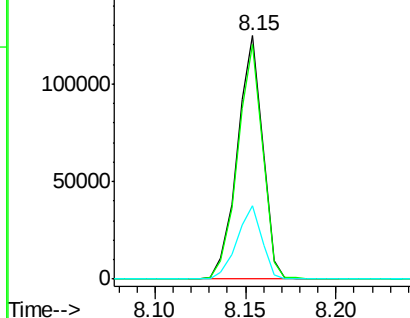


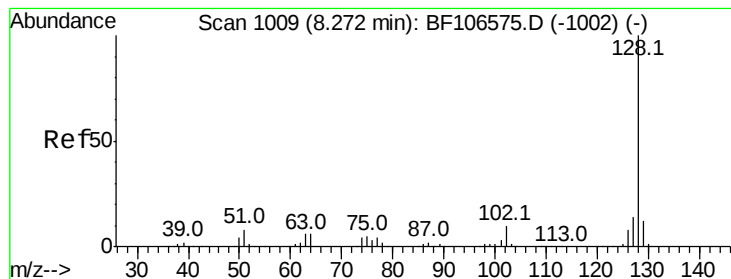
#30
 1,2,4-Trichlorobenzene
 Concen: 36.364 ng
 RT: 8.15 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.1	76.8	115.2	
145	30.0	26.5	39.7	



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





#31

Naphthalene

Concen: 34.889 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

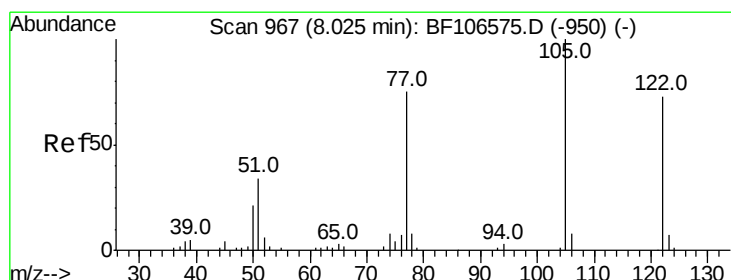
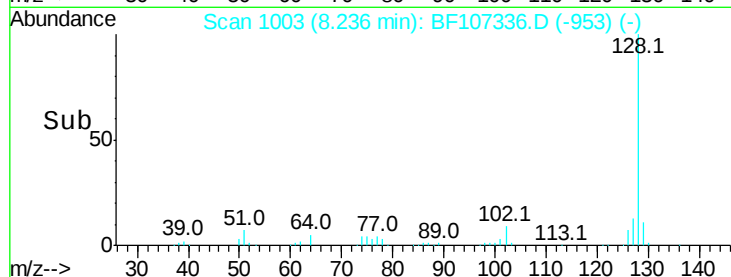
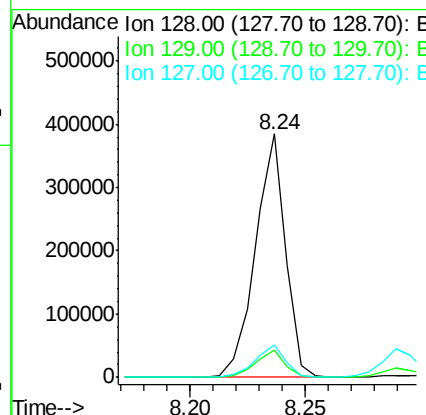
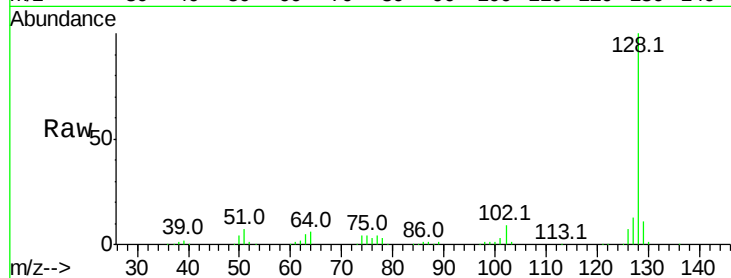
ClientSampleId :

PB110949BS

Tot Ion:	128	Resp:	350373
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	13.1	10.9	16.3

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#32

Benzoic acid

Concen: 24.849 ng

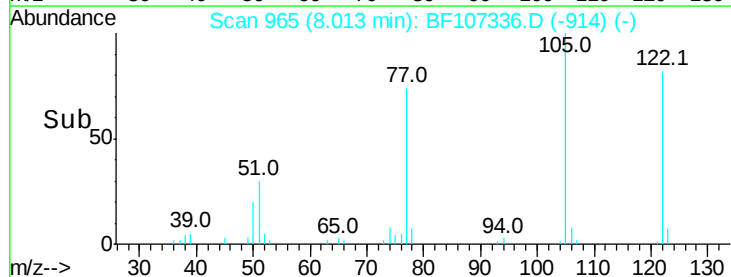
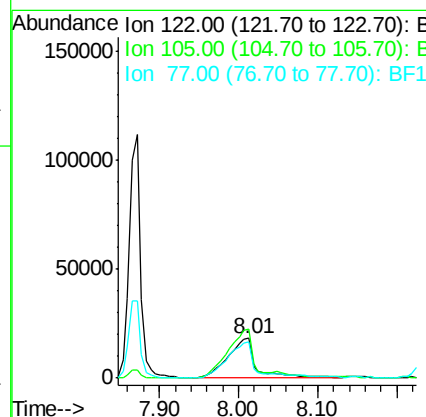
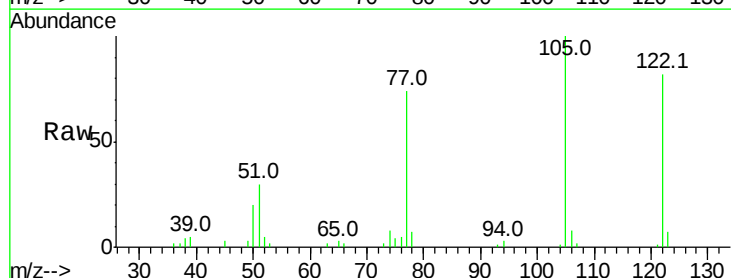
RT: 8.01 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Tgt Ion:	122	Resp:	45470
Ion Ratio	Lower	Upper	
122	100		
105	122.1	101.1	141.1
77	90.3	70.7	110.7





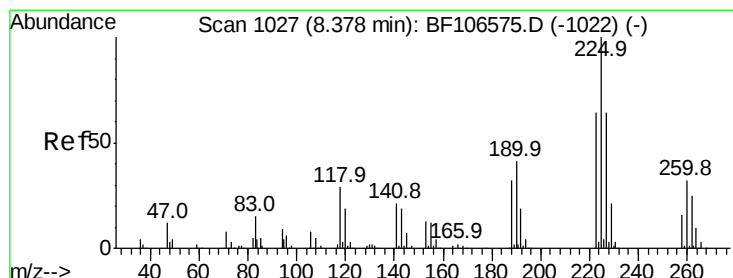
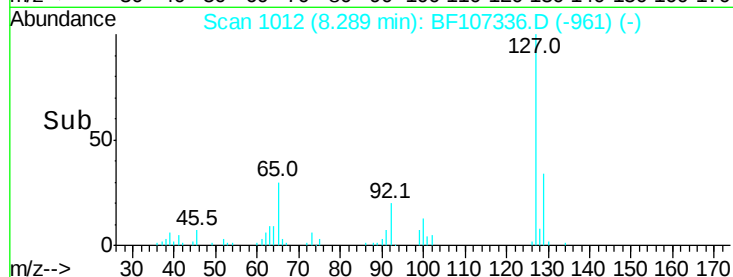
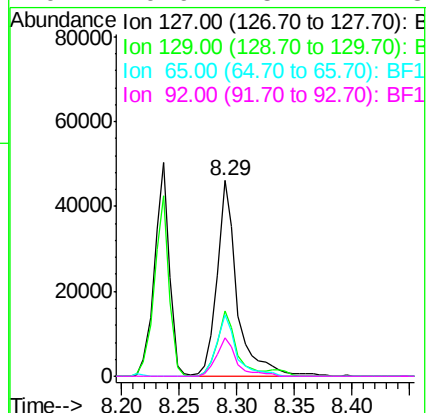
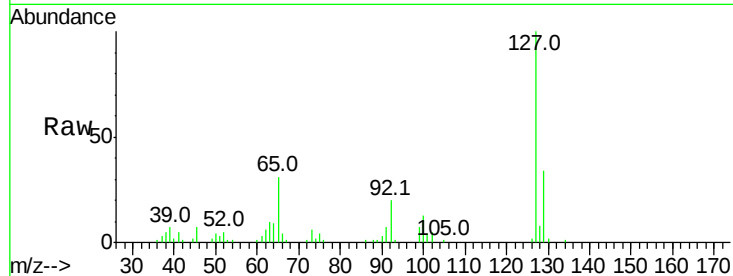
#33
4-Chloroaniline
Concen: 13.362 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Instrument :
BNA_F
ClientSampleId :
PB110949BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.5	25.9	38.9
65	31.5	25.0	37.4
92	19.9	15.2	22.8

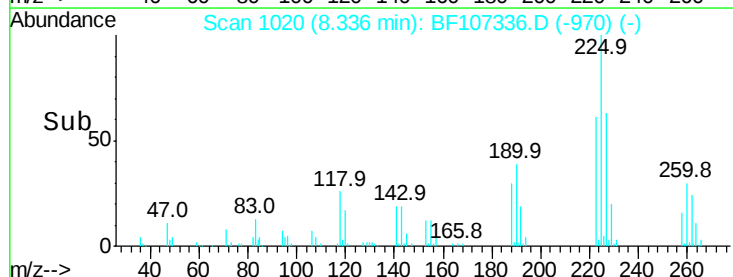
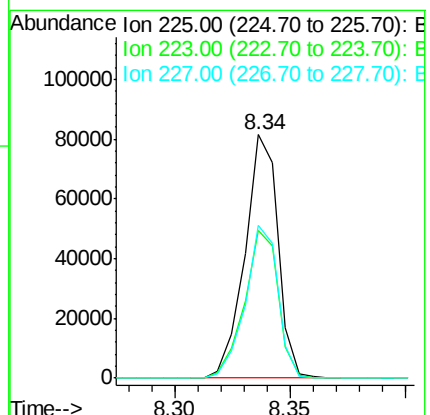
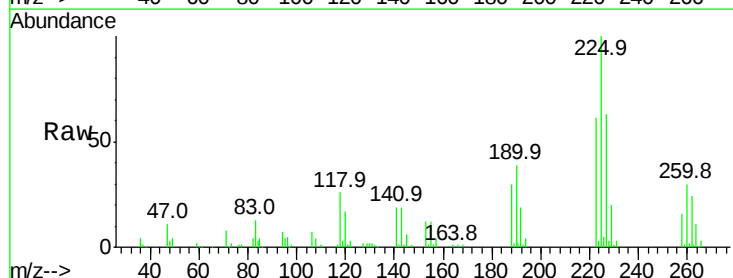
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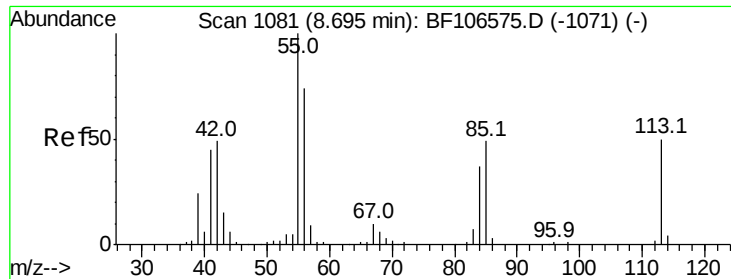
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#34
Hexachlorobutadiene
Concen: 37.598 ng
RT: 8.34 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.7	50.6	76.0
227	62.8	51.9	77.9





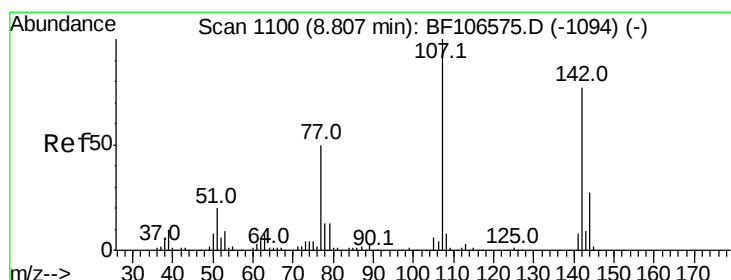
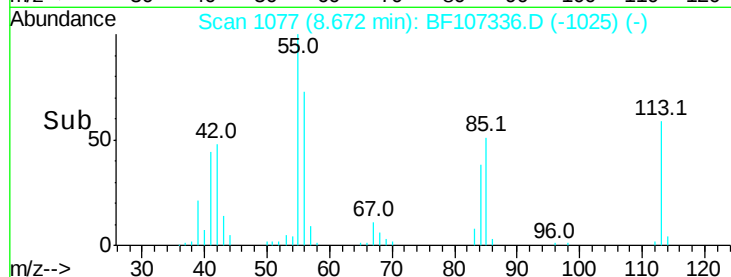
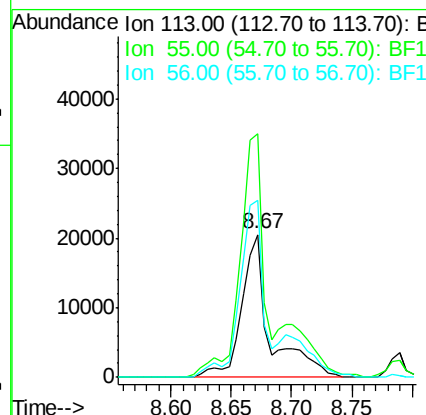
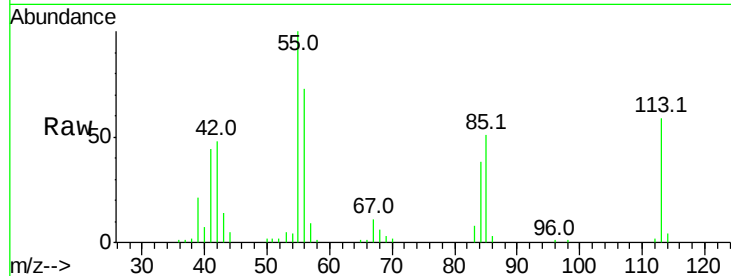
#35
 Caprolactam
 Concen: 34.214 ng/ml
 RT: 8.67 min Scan# 1077
 Delta R.T. 0.01 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Instrument :
 BNA_F
 ClientSampleID :
 PB110949BS

Tot Ion:113 Resp: 33620
 Ion Ratio Lower Upper
 113 100
 55 170.2 163.3 203.3
 56 123.5 115.7 155.7

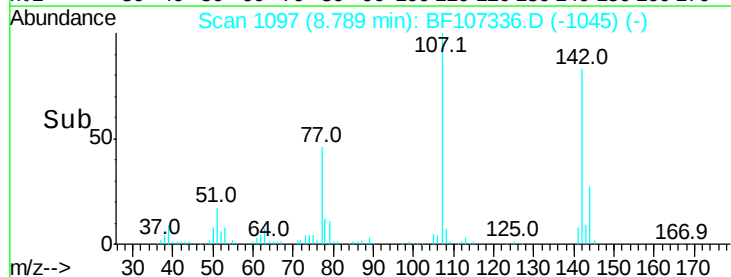
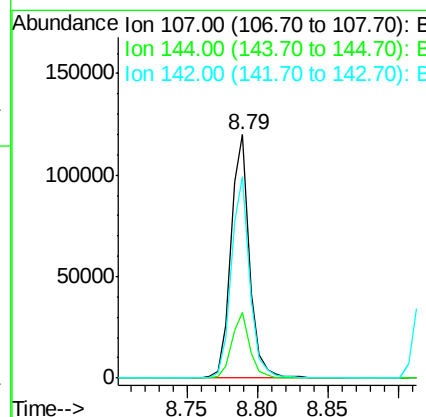
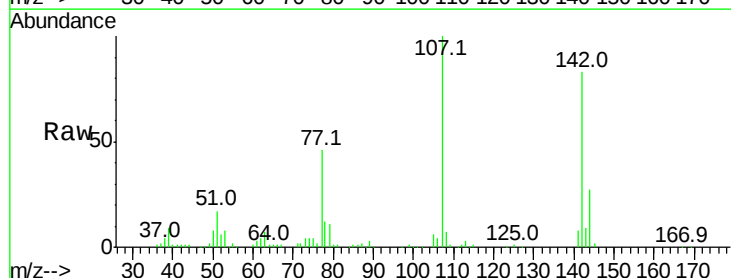
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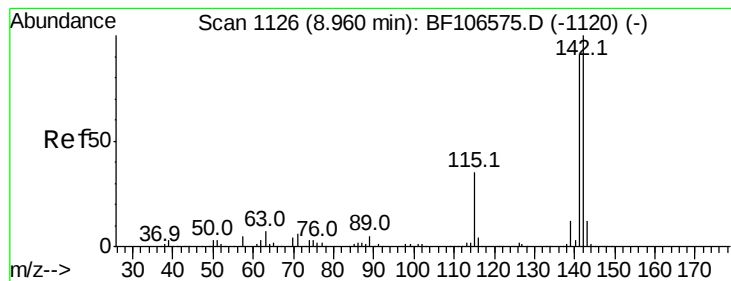
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#36
 4-Chloro-3-methylphenol
 Concen: 34.465 ng/ml
 RT: 8.79 min Scan# 1097
 Delta R.T. 0.01 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Tgt Ion:107 Resp: 109355
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.5 30.7
 142 82.5 62.0 93.0





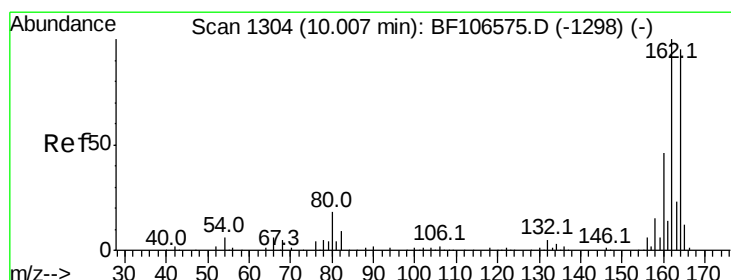
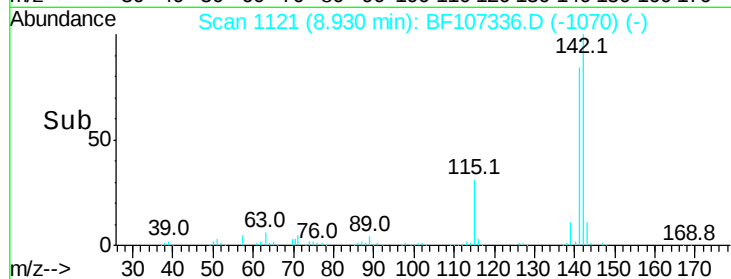
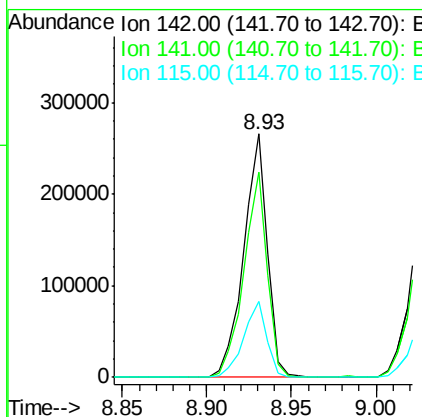
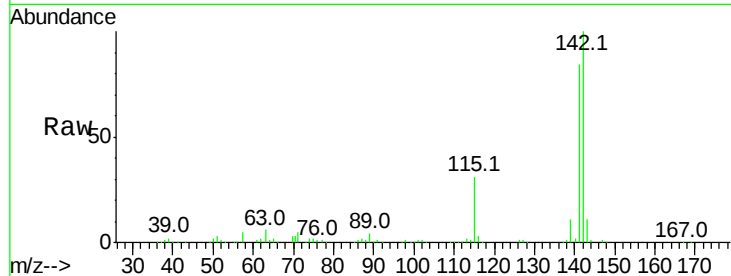
#37
2-Methylnaphthalene
Concen: 39.141 ng
RT: 8.93 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Instrument :
BNA_F
ClientSampleId :
PB110949BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	260539		
141	84.0		70.8	106.2
115	31.2		26.1	39.1

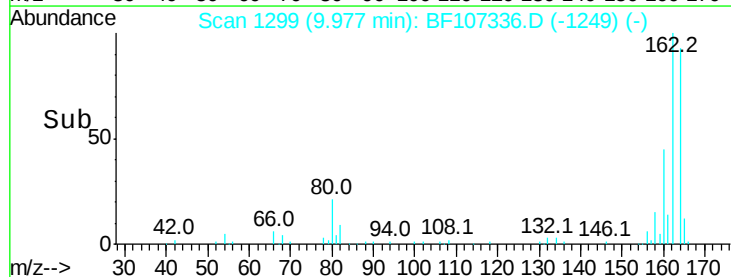
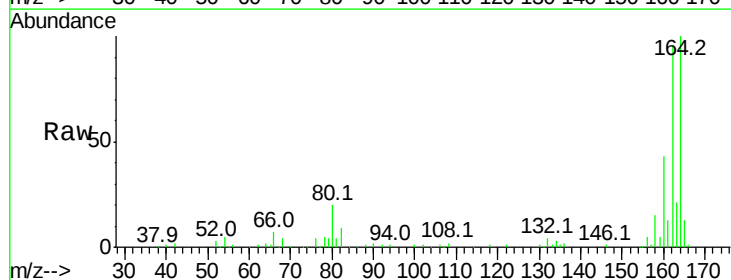
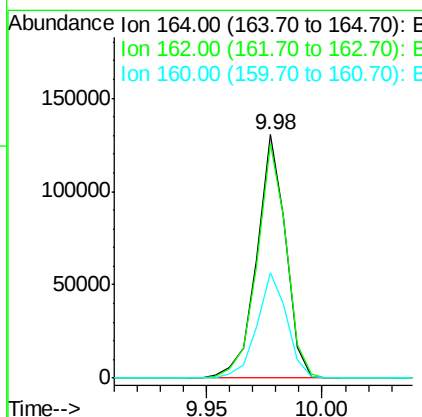
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	113386		
162	96.3		86.1	129.1
160	43.4		38.3	57.5





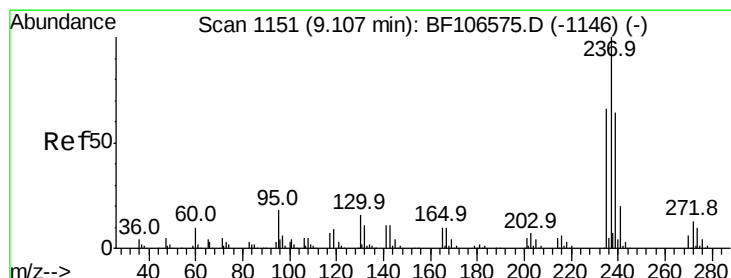
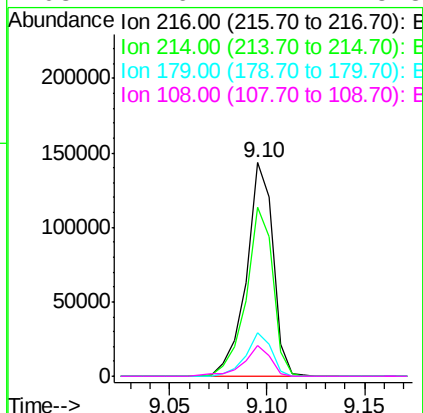
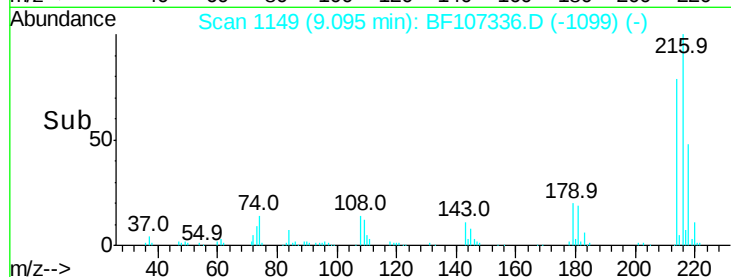
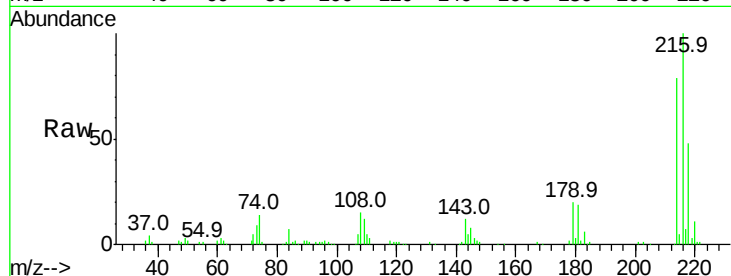
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.648 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB110949BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.6	63.0	94.4	
179	19.4	18.1	27.1	
108	14.6	17.2	25.8	

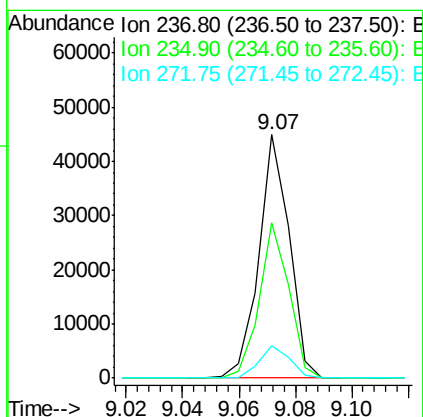
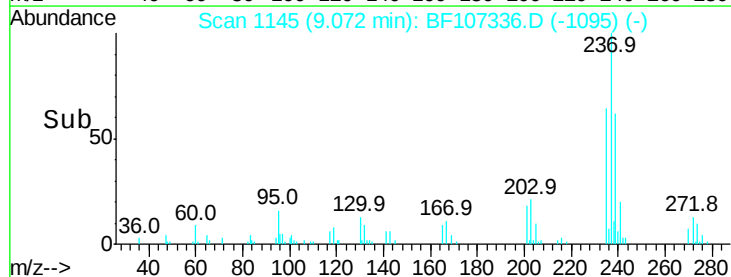
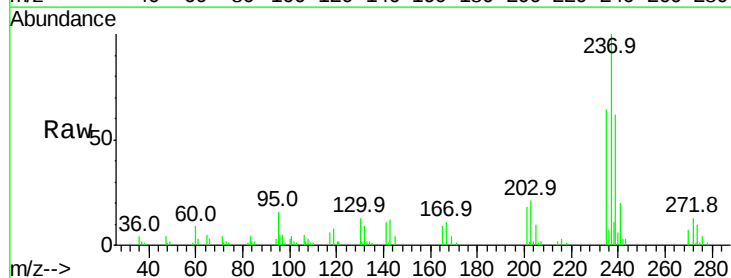
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#40
 Hexachlorocyclopentadiene
 Concen: 17.110 ng
 RT: 9.07 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.0	44.8	84.8	
272	13.1	0.0	33.3	





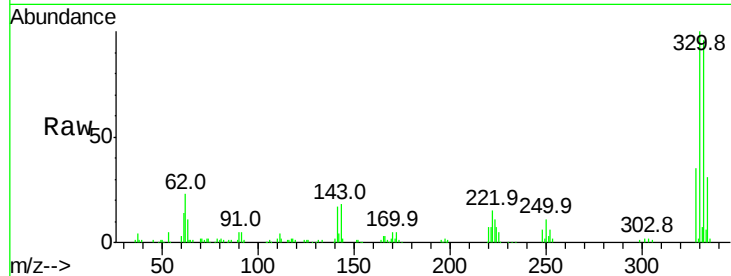
#41
 2,4,6-Tribromophenol
 Concen: 104.556 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB110949BS

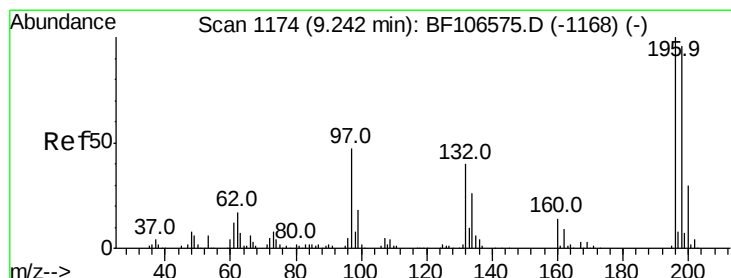
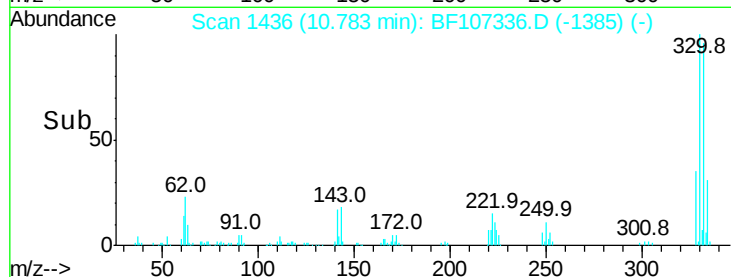
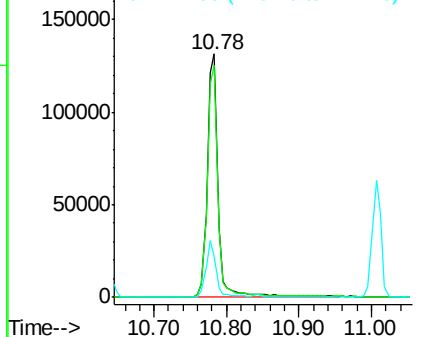
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	77.0	115.6	
141	21.8	29.9	44.9	

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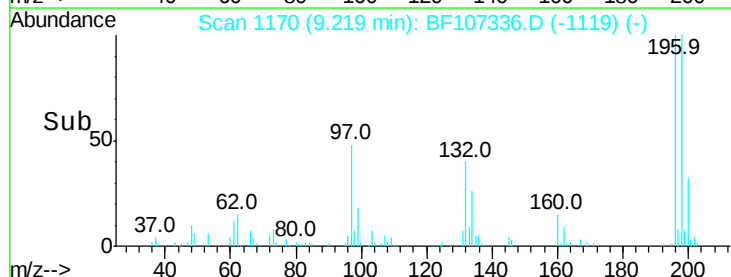
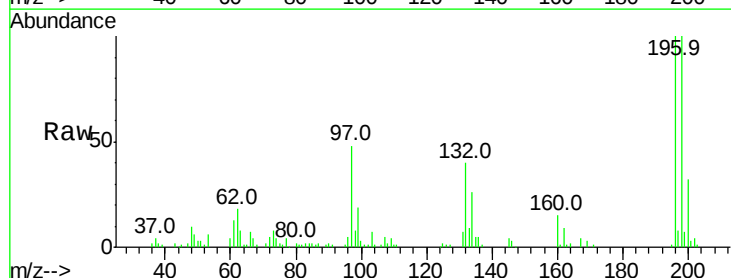
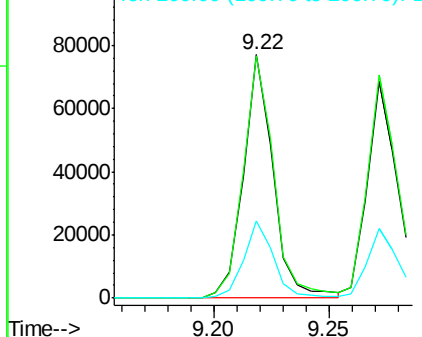
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 27.457 ng
 RT: 9.22 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.6	75.7	113.5	
200	31.7	24.5	36.7	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





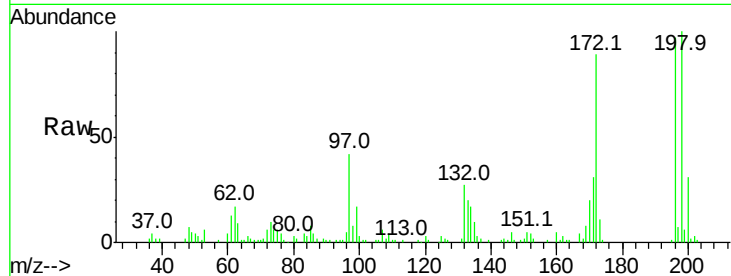
#43
 2,4,5-Trichlorophenol
 Concen: 25.697 ng
 RT: 9.27 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB110949BS

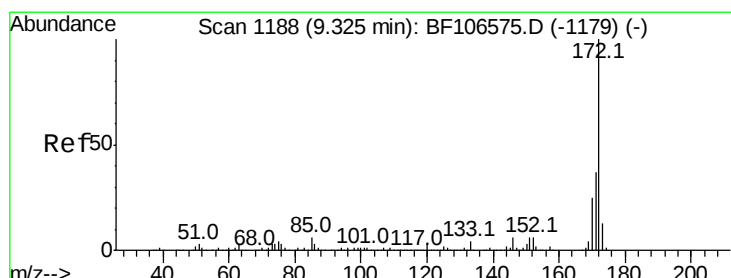
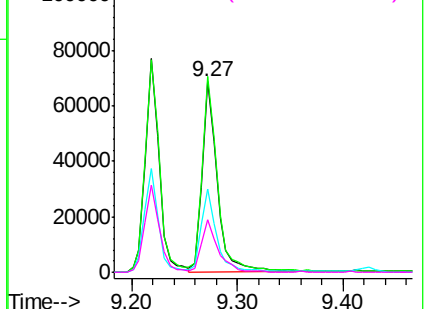
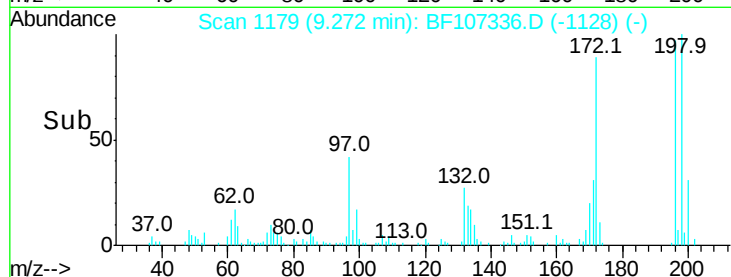
Tot Ion:	196	Resp:	68061
Ion Ratio	Lower	Upper	
196	100		
198	103.1	74.6	112.0
97	43.7	42.9	64.3
132	27.4	26.3	39.5

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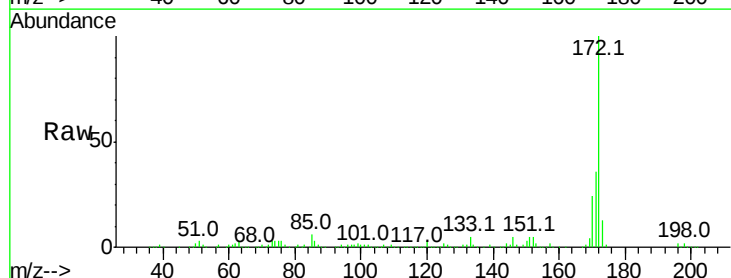


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

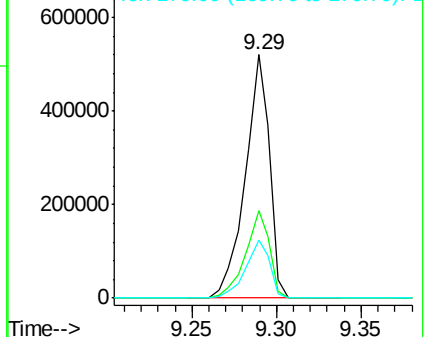
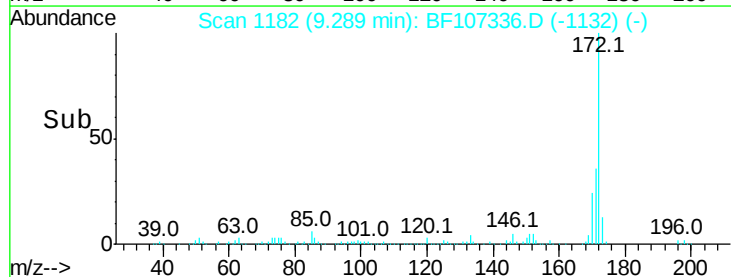


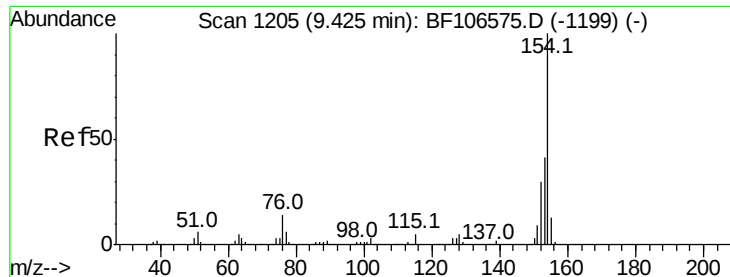
#44
 2-Fluorobiphenyl
 Concen: 76.341 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Tgt Ion:	172	Resp:	521459
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.7	44.5
170	24.0	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 34.455 ng

RT: 9.40 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

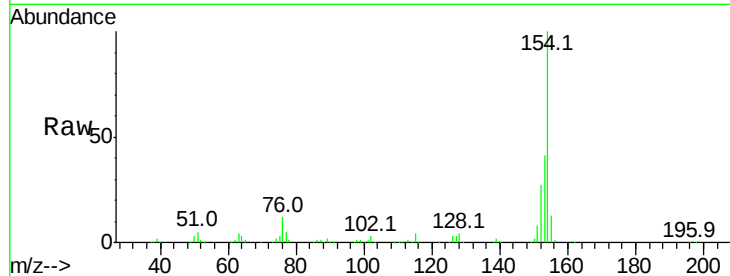
ClientSampleId :

PB110949BS

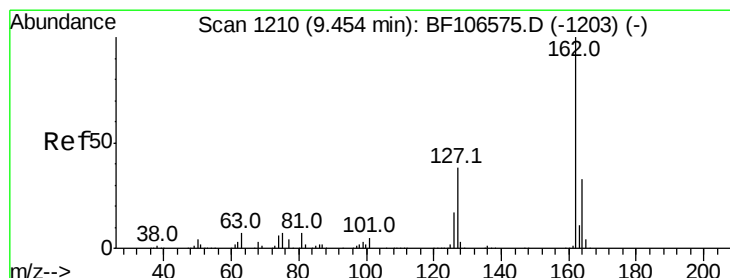
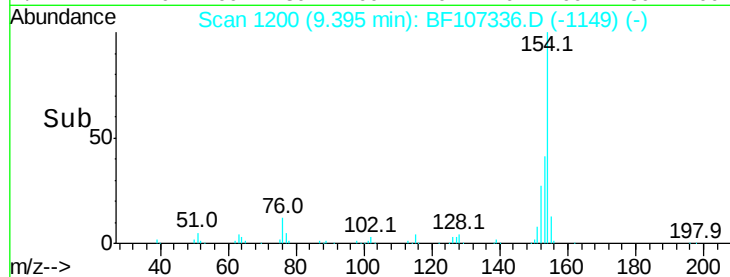
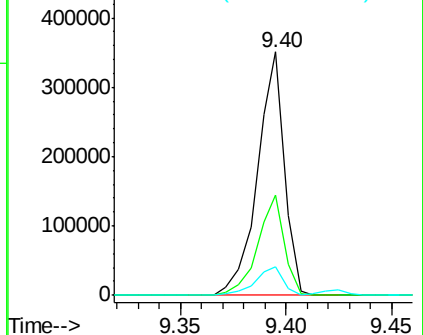
Tot Ion:	154	Resp:	311346
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.3	61.3
76	11.7	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 31.955 ng

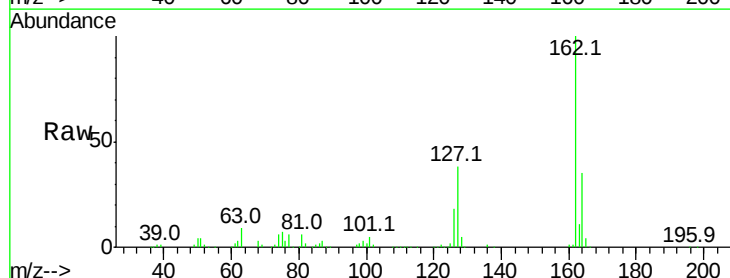
RT: 9.42 min Scan# 1205

Delta R.T. -0.01 min

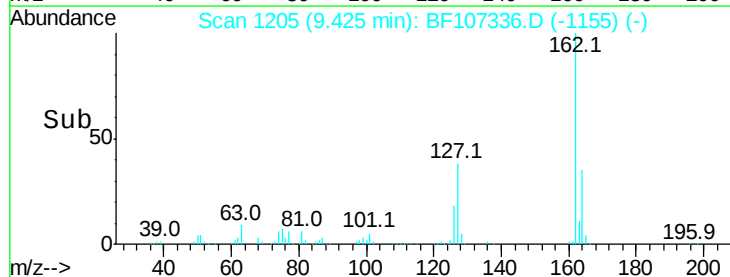
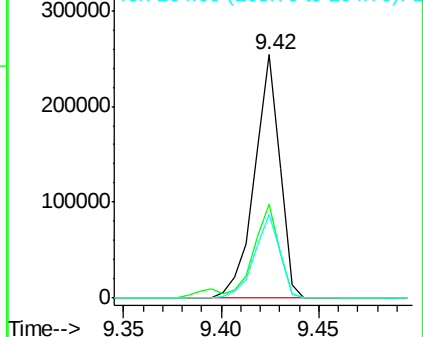
Lab File: BF107336.D

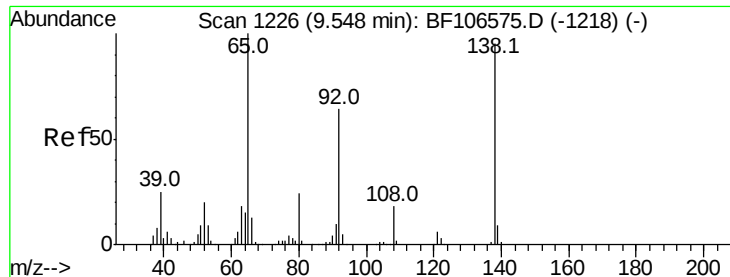
Acq: 12 Jul 2018 14:04

Tgt Ion:	162	Resp:	227294
Ion Ratio	Lower	Upper	
162	100		
127	38.5	33.9	50.9
164	34.6	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





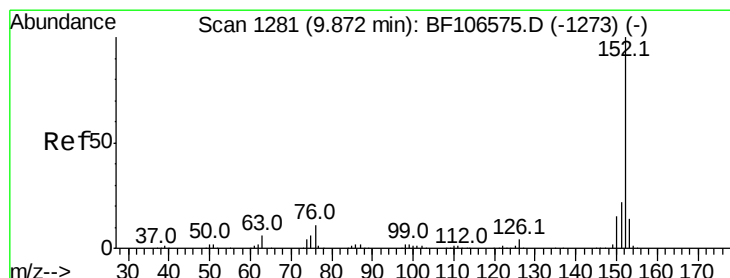
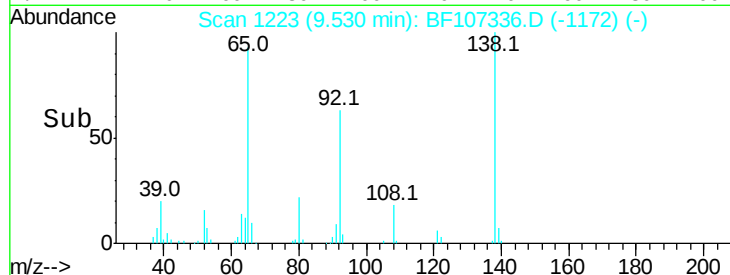
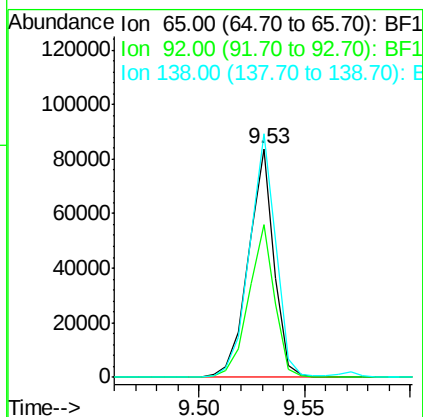
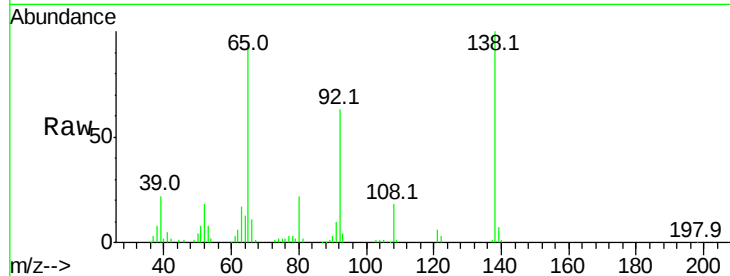
#47
2-Nitroaniline
Concen: 29.517 ng
RT: 9.53 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Instrument :
BNA_F
ClientSampleId :
PB110949BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.7	55.8	83.6
138	106.4	91.2	136.8

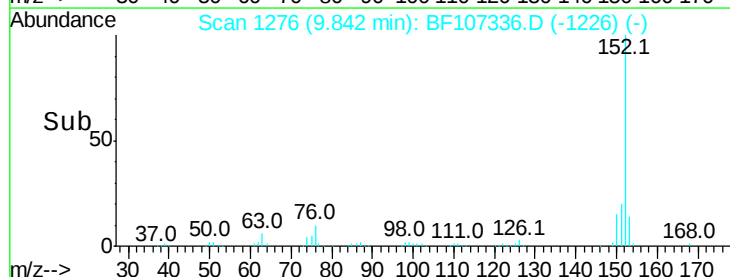
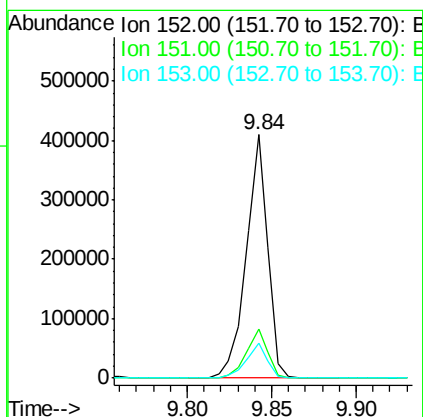
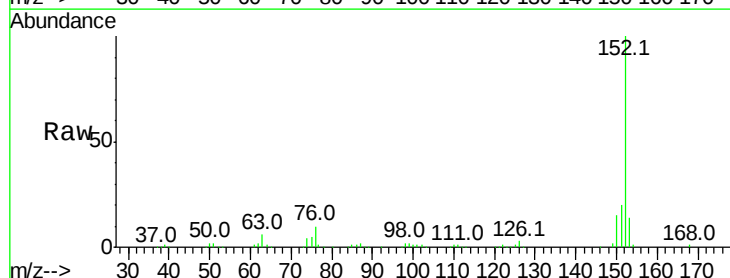
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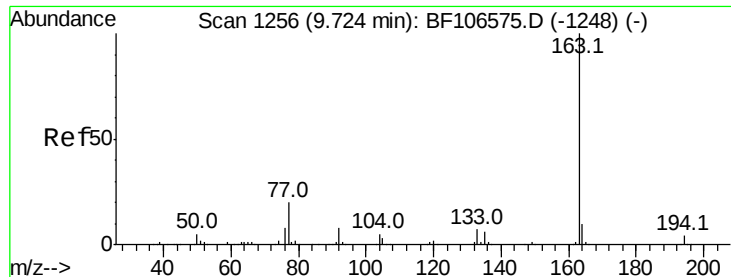
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#48
Acenaphthylene
Concen: 32.358 ng
RT: 9.84 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	14.3	10.7	16.1





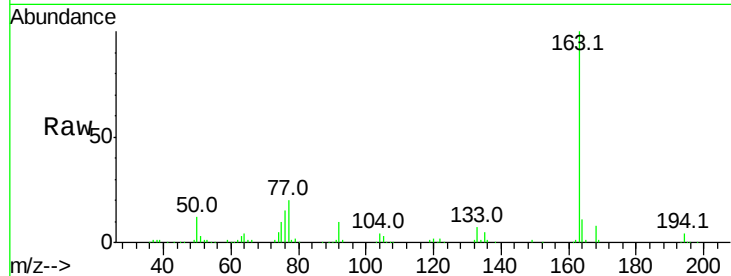
#49
 Dimethylphthalate
 Concen: 30.885 ng
 RT: 9.69 min Scan# 1250
 Delta R.T. -0.01 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB110949BS

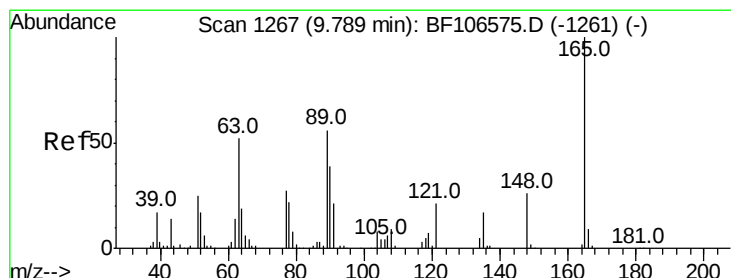
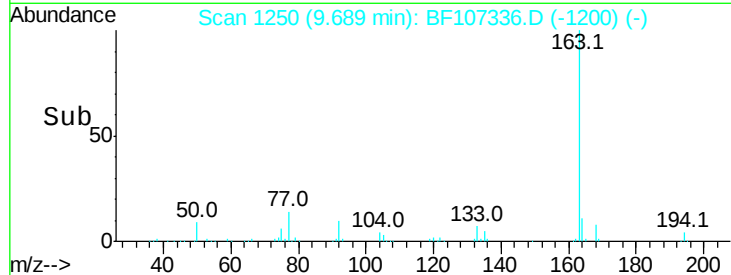
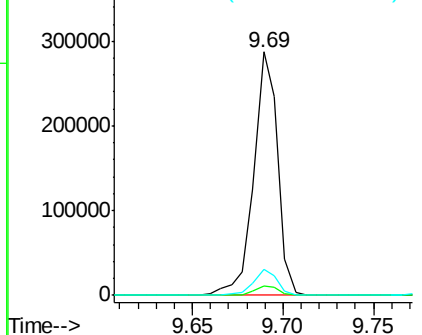
Tot Ion	Ratio	Resp	Lower	Upper
163	100	262647		
194	3.8		2.7	4.1
164	10.8		8.2	12.2

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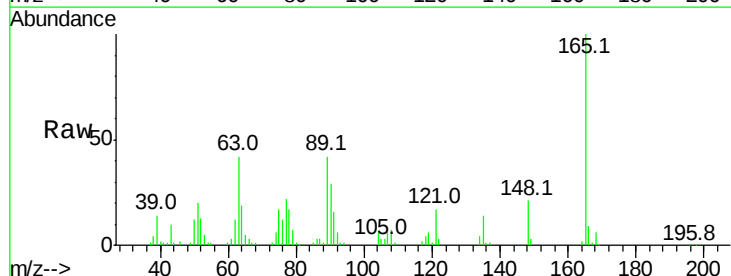


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

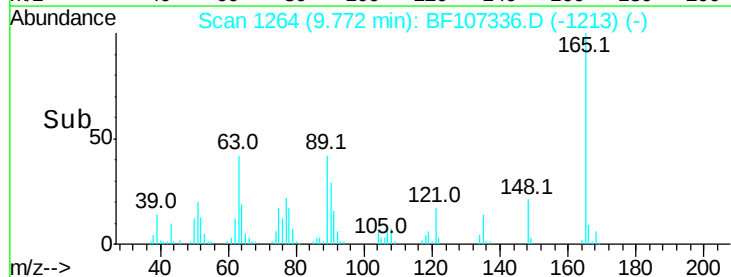
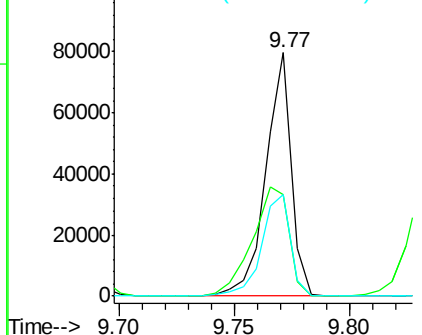


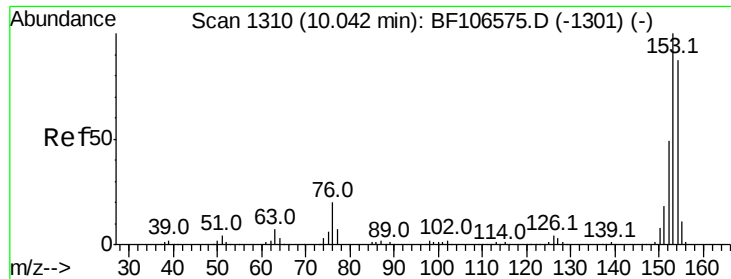
#50
 2,6-Dinitrotoluene
 Concen: 33.954 ng
 RT: 9.77 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	61143		
63	41.8		44.7	67.1#
89	41.9		44.0	66.0#



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





#51

Acenaphthene

Concen: 31.445 ng

RT: 10.01 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

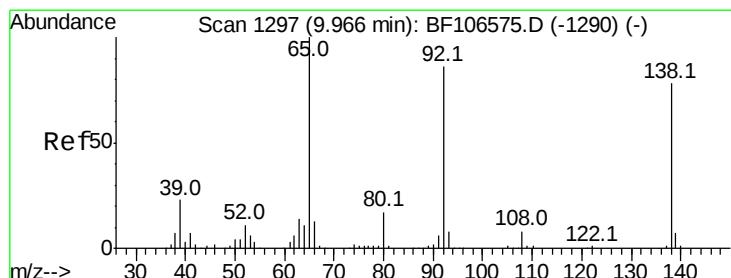
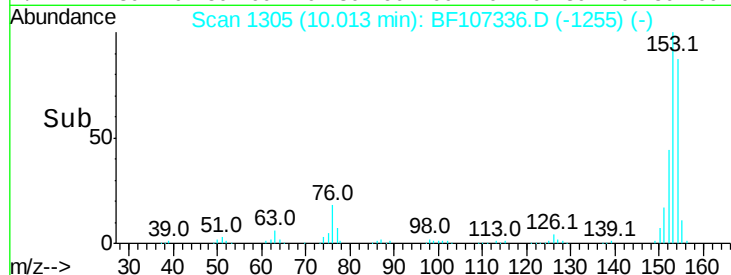
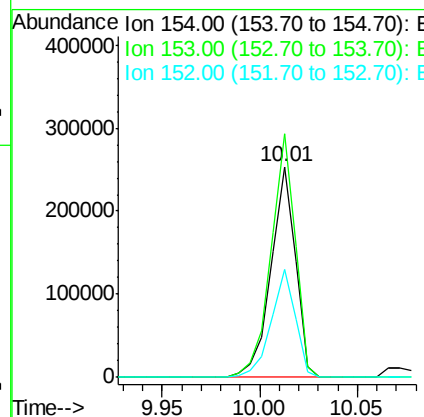
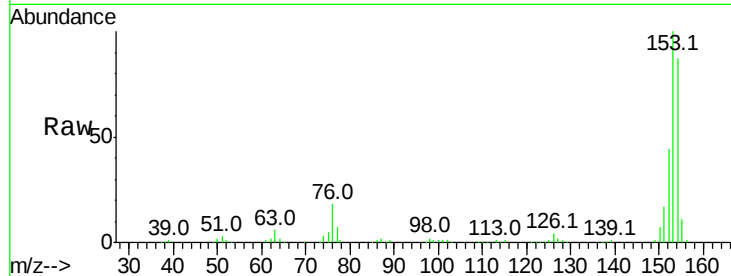
ClientSampleId :

PB110949BS

Tot Ion:	154	Resp:	222364
Ion Ratio	Lower	Upper	
154	100		
153	115.4	91.2	136.8
152	51.3	43.8	65.8

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#52

3-Nitroaniline

Concen: 15.418 ng

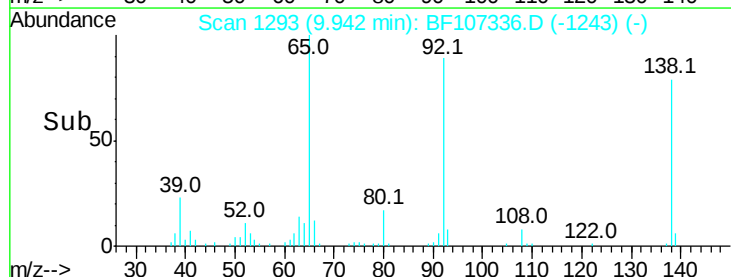
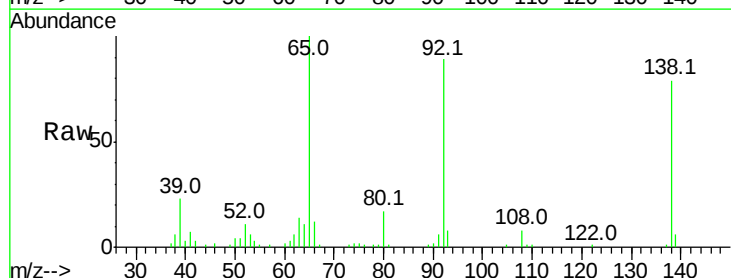
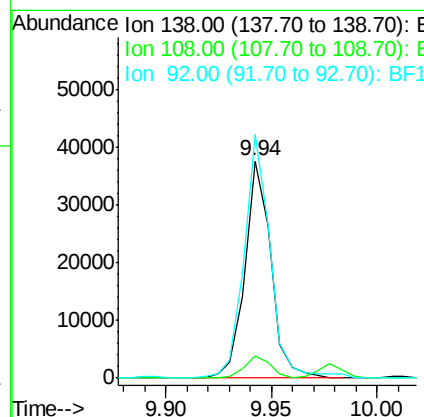
RT: 9.94 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Tgt Ion:	138	Resp:	31950
Ion Ratio	Lower	Upper	
138	100		
108	10.3	9.4	14.0
92	112.3	89.4	134.2





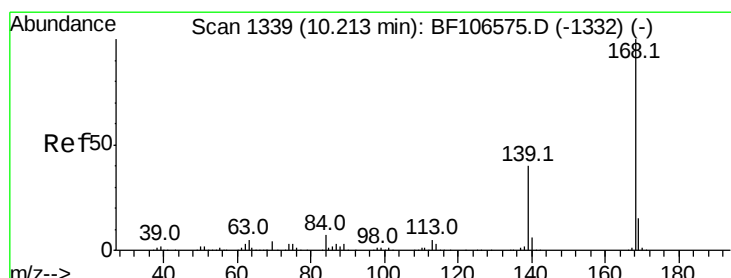
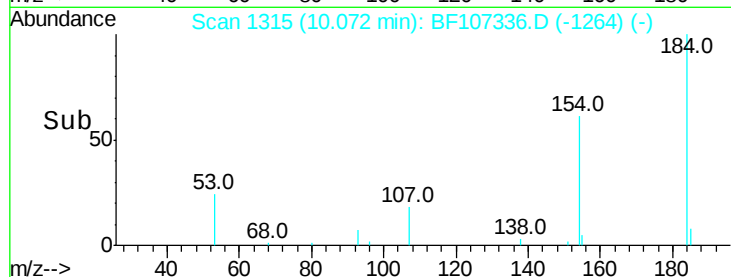
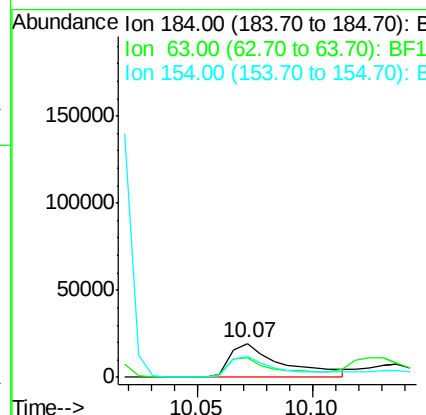
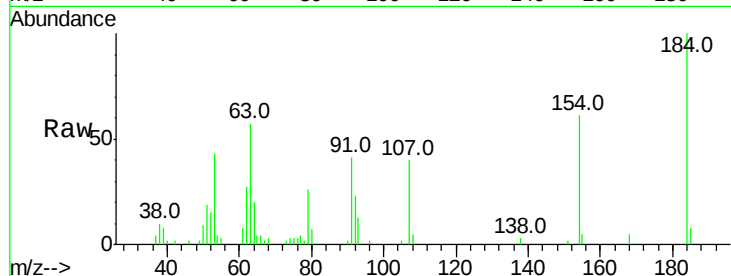
#53
 2,4-Dinitrophenol
 Concen: 35.762 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB110949BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	56.9	54.2	81.2
154	60.7	184.0	276.0#

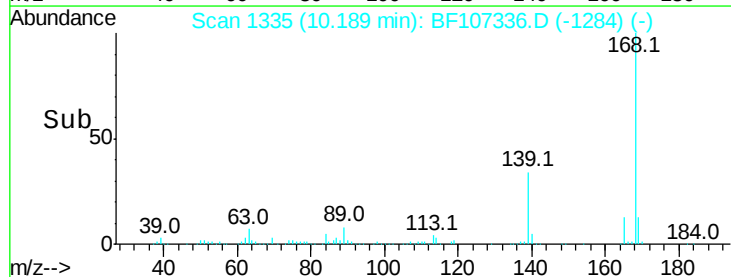
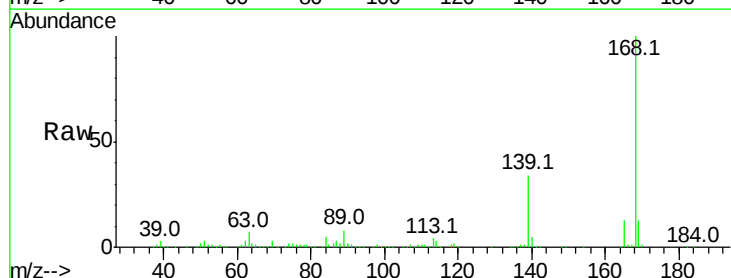
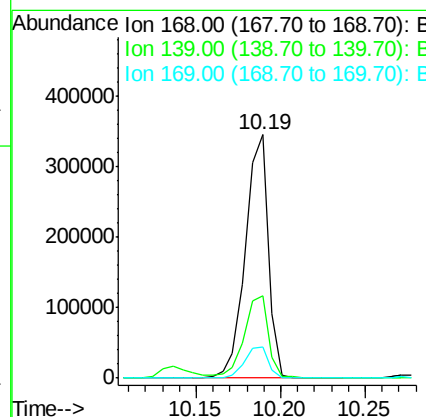
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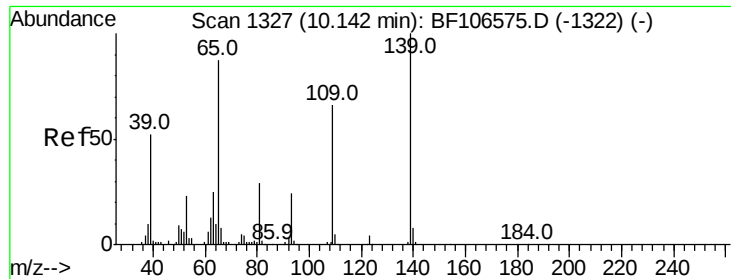
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#54
 Dibenzofuran
 Concen: 33.863 ng
 RT: 10.19 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Tgt Ion	Ratio	Lower	Upper
168	100		
139	33.6	30.1	45.1
169	12.8	10.9	16.3





#55

4-Nitrophenol

Concen: 15.085 ng

RT: 10.14 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

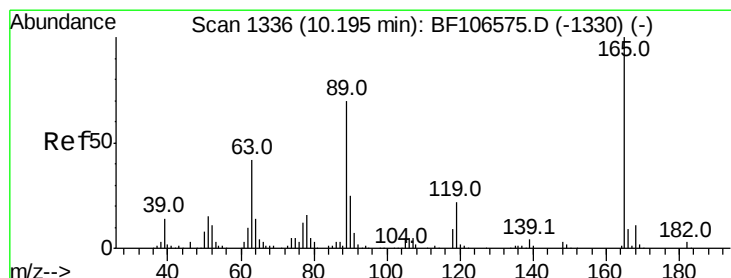
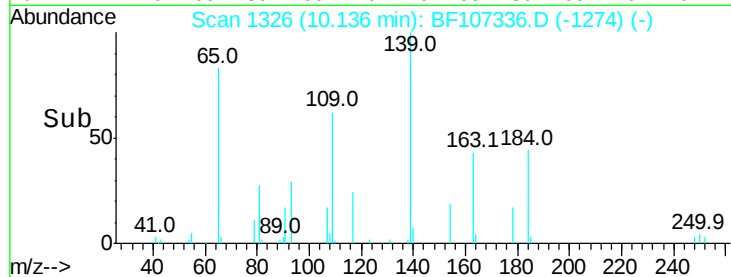
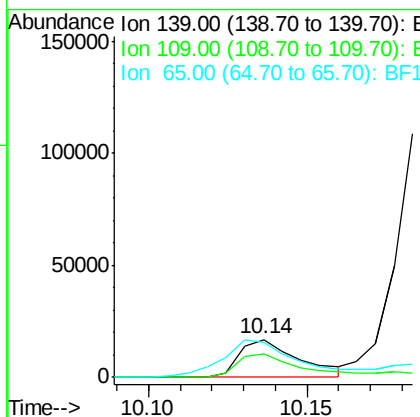
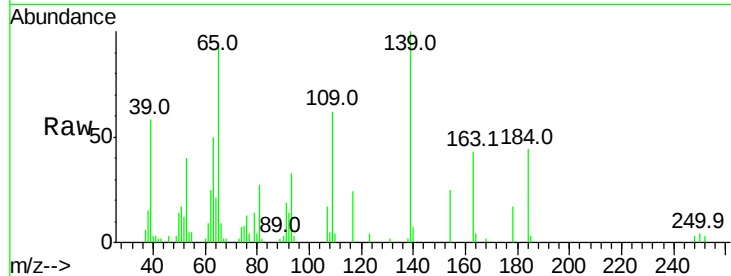
ClientSampleId :

PB110949BS

Tot Ion:	139	Resp:	21819
Ion Ratio	Lower	Upper	
139	100		
109	62.3	48.4	88.4
65	92.7	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 32.836 ng

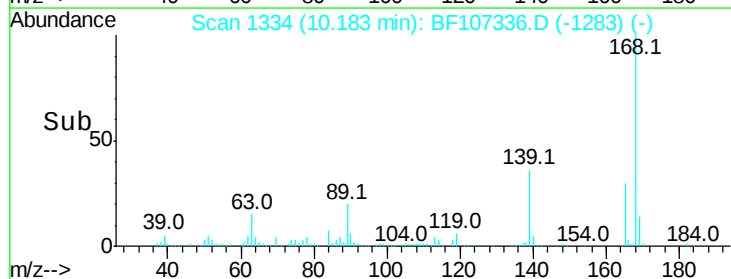
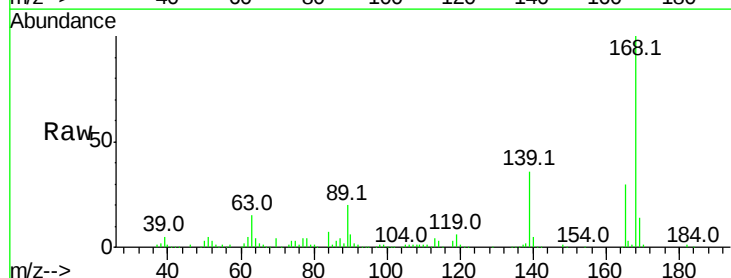
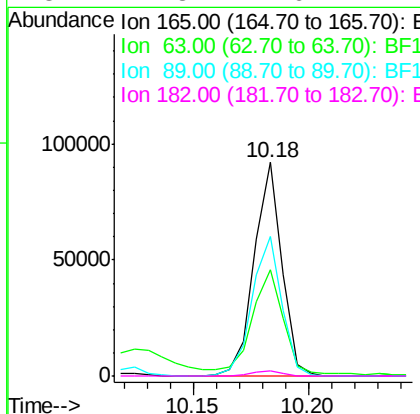
RT: 10.18 min Scan# 1334

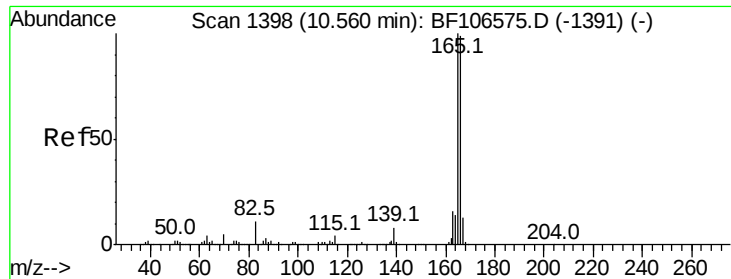
Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Tgt Ion:	165	Resp:	77182
Ion Ratio	Lower	Upper	
165	100		
63	49.7	36.4	54.6
89	65.4	57.8	86.6
182	2.3	1.6	2.4





#57

Fluorene

Concen: 35.371 ng

RT: 10.53 min Scan# 1393

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

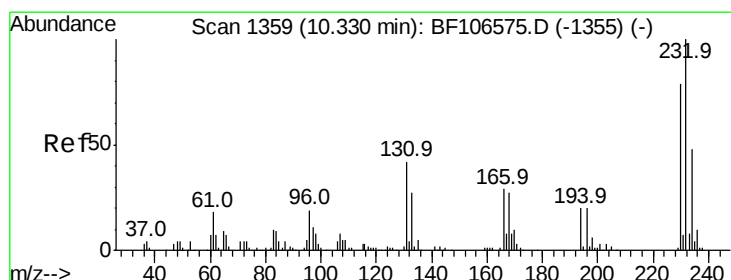
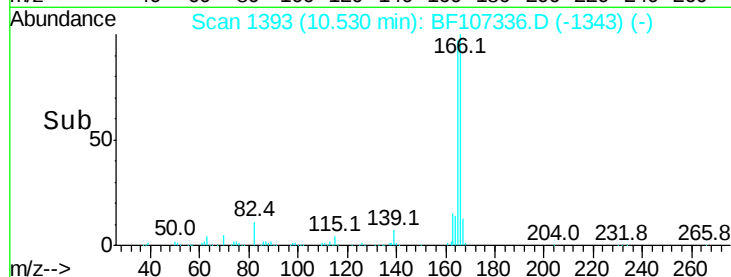
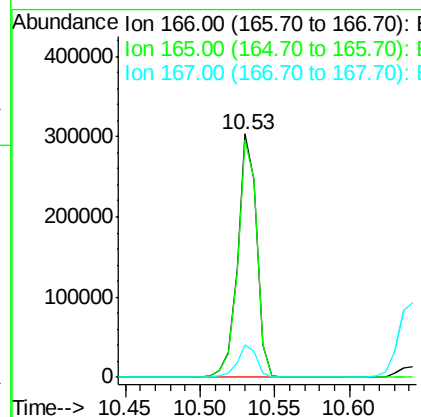
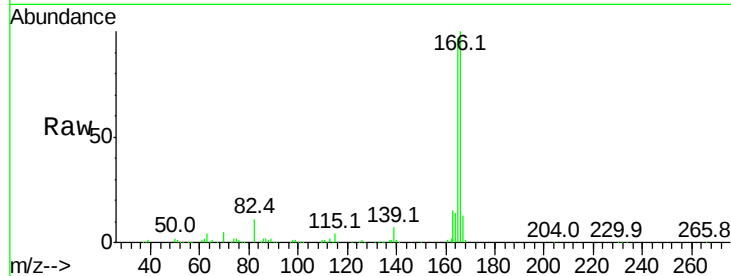
ClientSampleId :

PB110949BS

Tot Ion:	166	Resp:	271783
Ion Ratio	Lower	Upper	
166	100		
165	97.3	79.8	119.8
167	13.3	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 23.150 ng

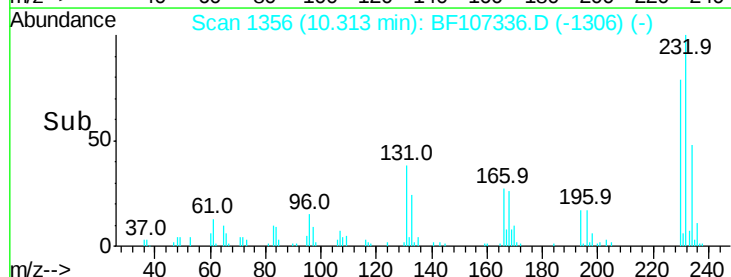
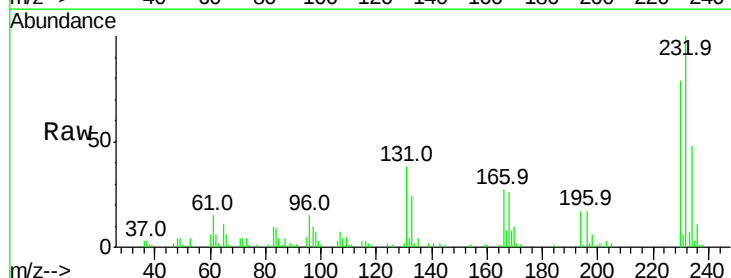
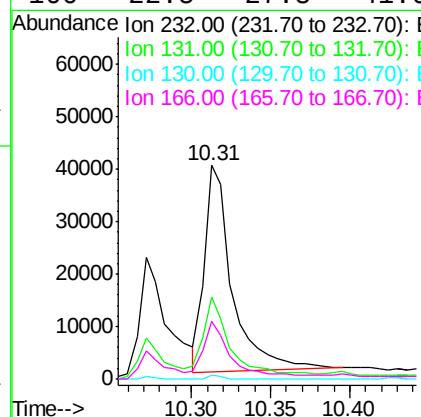
RT: 10.31 min Scan# 1356

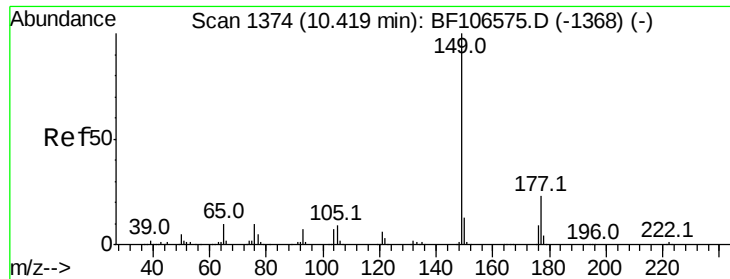
Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Tgt Ion:	232	Resp:	48739
Ion Ratio	Lower	Upper	
232	100		
131	40.6	43.8	65.8#
130	1.0	2.1	3.1#
166	22.5	27.8	41.6#





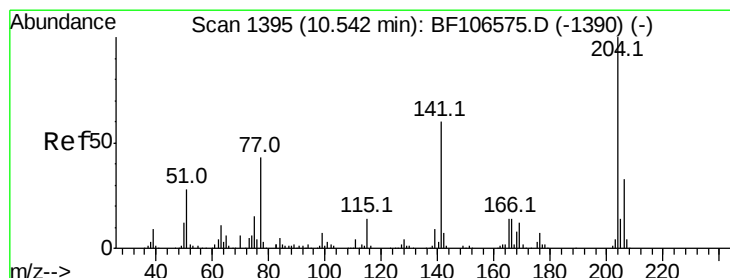
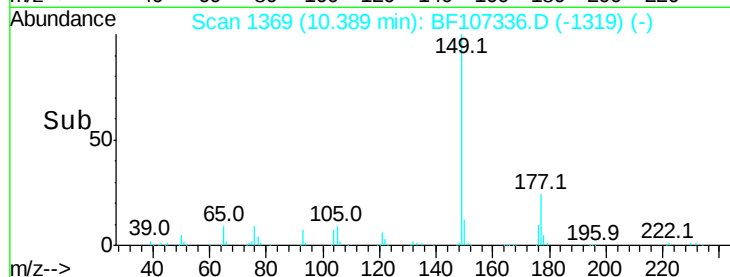
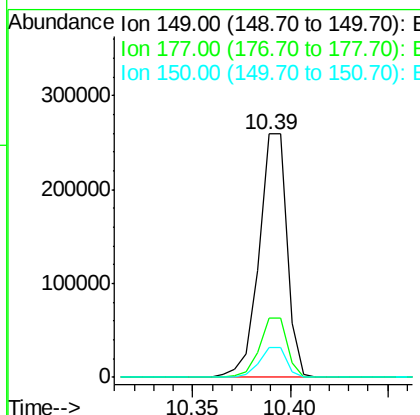
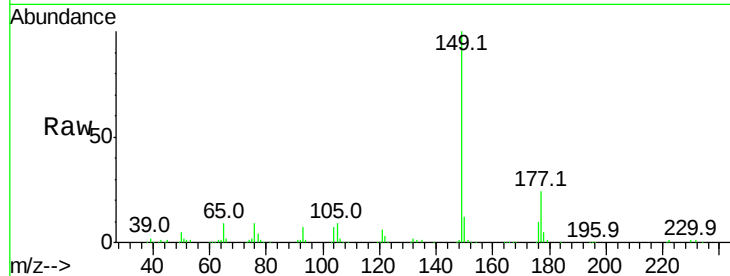
#59
Diethylphthalate
Concen: 31.349 ng
RT: 10.39 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Instrument :
BNA_F
ClientSampleId :
PB110949BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.2	16.1	24.1#
150	12.4	10.1	15.1

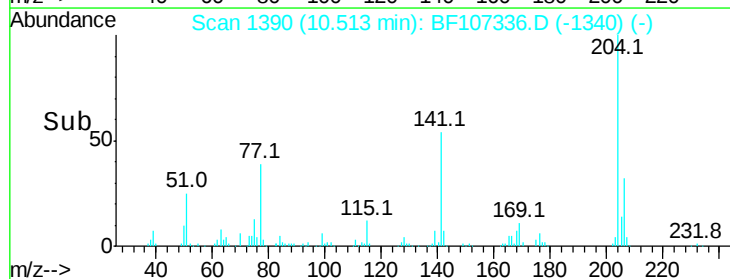
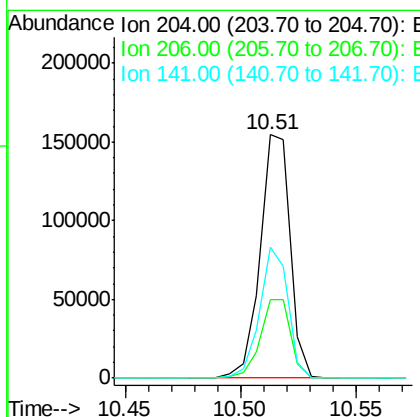
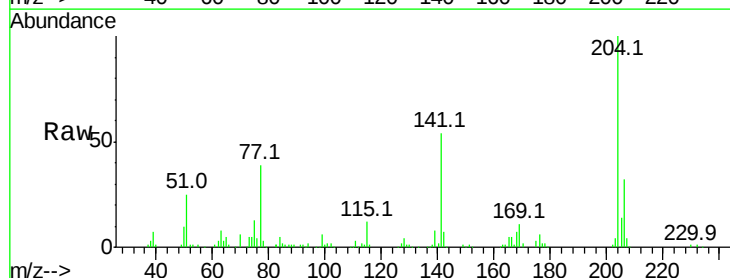
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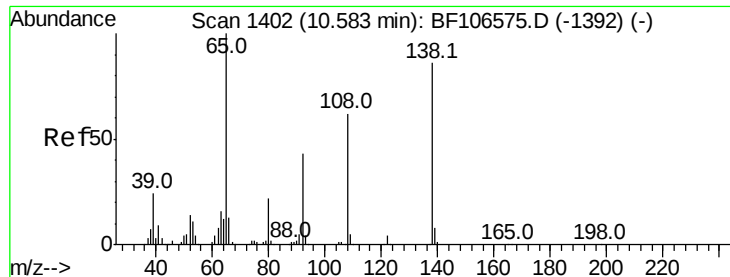
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 34.928 ng
RT: 10.51 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	54.0	54.6	81.8#





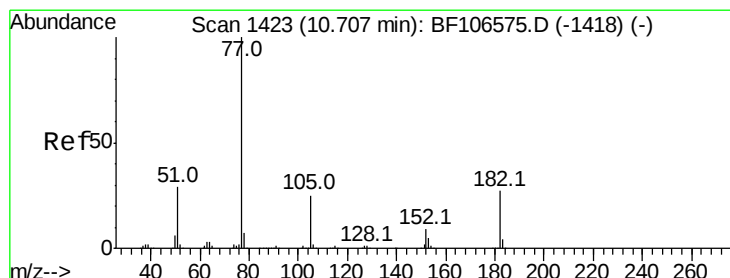
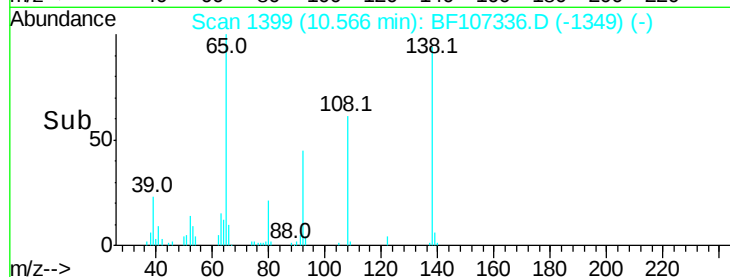
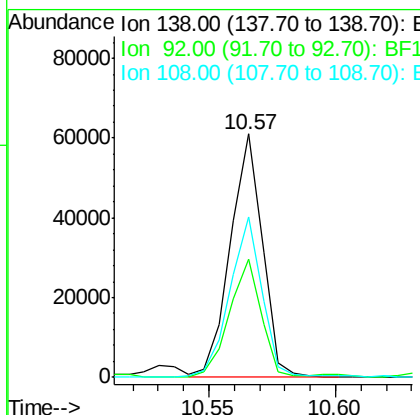
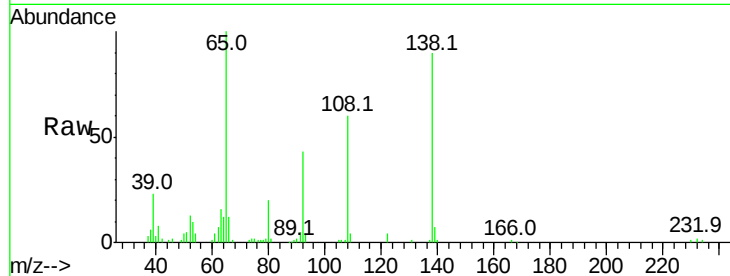
#61
4-Nitroaniline
Concen: 26.117 ng
RT: 10.57 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Instrument :
BNA_F
ClientSampleId :
PB110949BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.3	30.2	70.2
108	66.1	52.5	92.5

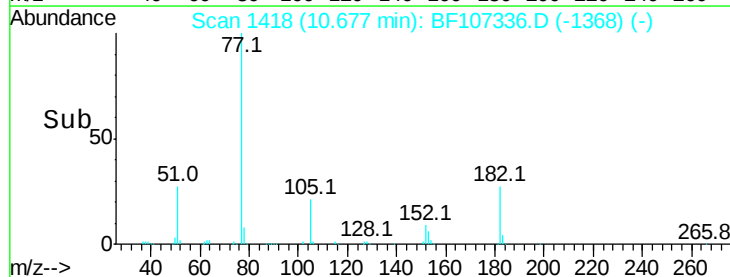
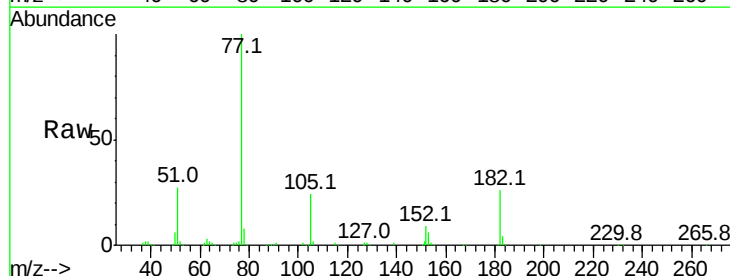
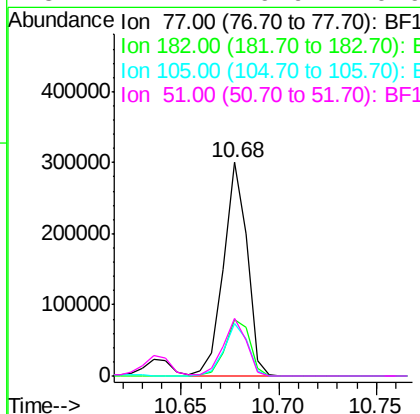
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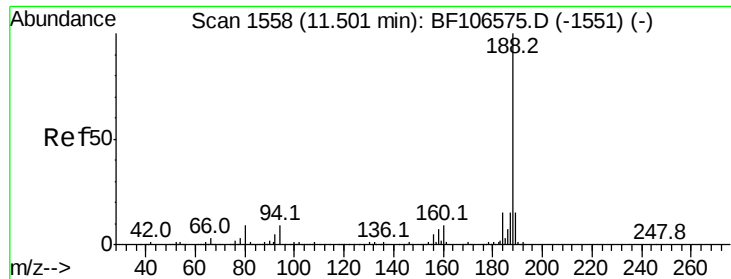
Sohil
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#62
Azobenzene
Concen: 31.182 ng
RT: 10.68 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.4	1.7	41.7
105	24.5	3.0	43.0
51	27.2	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

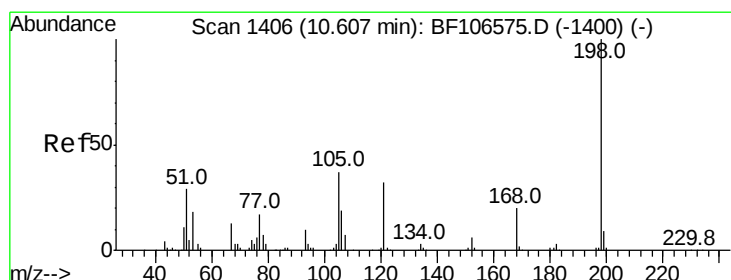
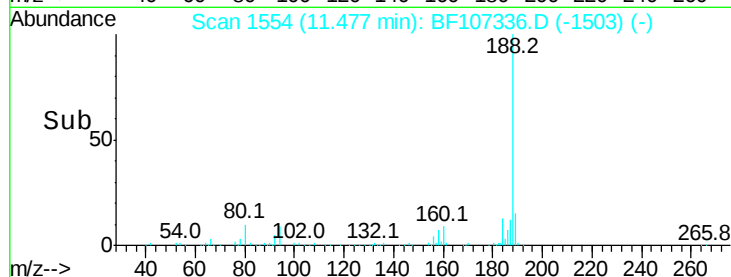
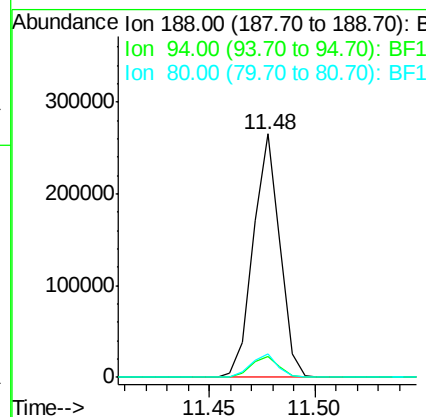
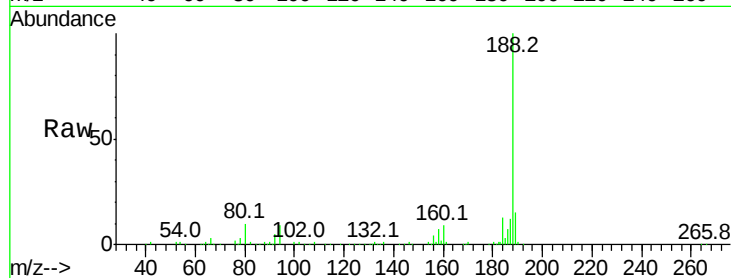
ClientSampleId :

PB110949BS

Tot Ion:	188	Resp:	231194
Ion Ratio	Lower	Upper	
188	100		
94	8.5	8.5	12.7
80	9.7	9.2	13.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 26.486 ng

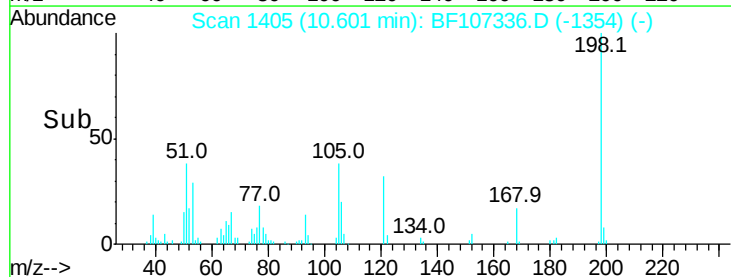
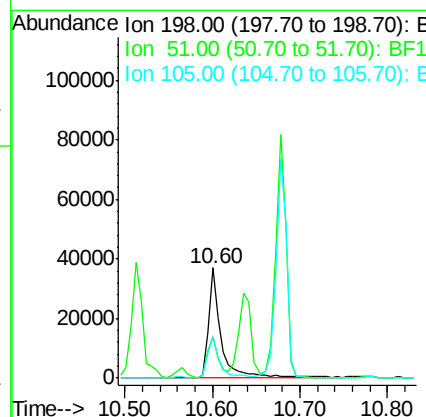
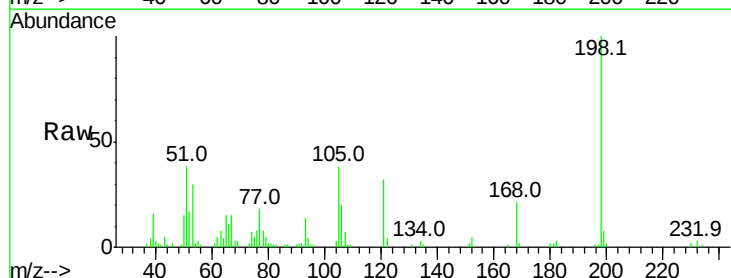
RT: 10.60 min Scan# 1405

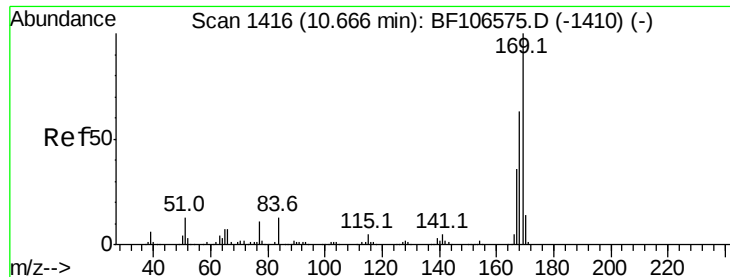
Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Tgt Ion:	198	Resp:	37852
Ion Ratio	Lower	Upper	
198	100		
51	37.8	37.7	77.7
105	38.0	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 29.442 ng

RT: 10.64 min Scan# 1412

Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB110949BS

Tot Ion:169 Resp: 228953

Ion Ratio Lower Upper

169 100

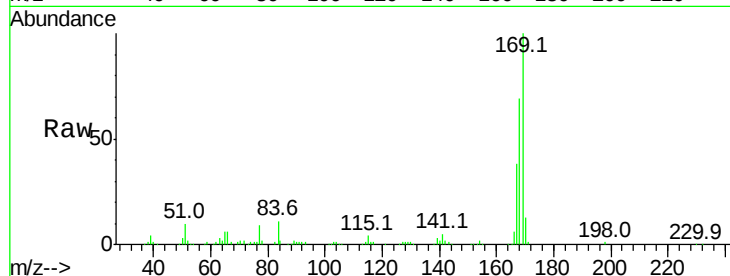
168 68.9 54.4 81.6

167 37.9 29.8 44.6

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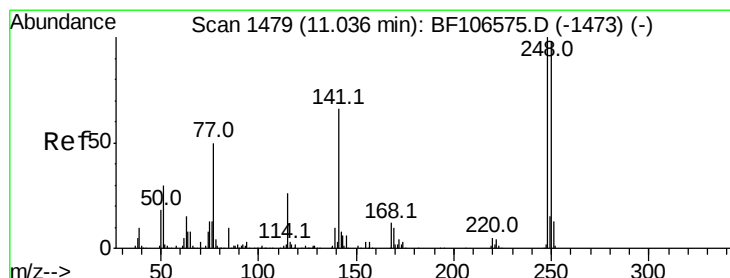
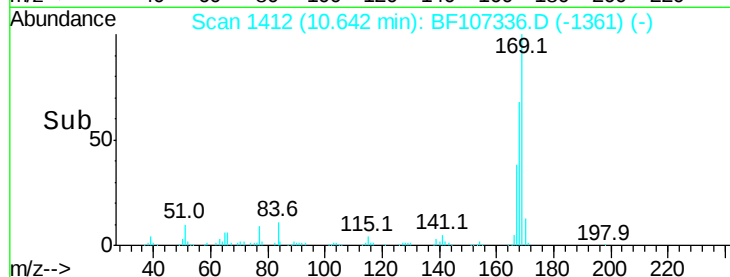
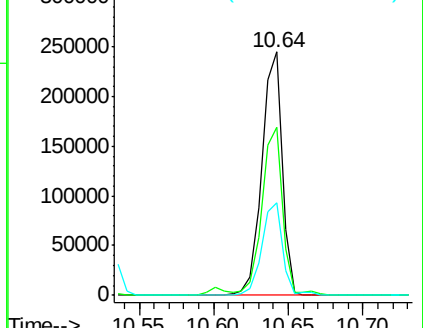
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 34.564 ng

RT: 11.01 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

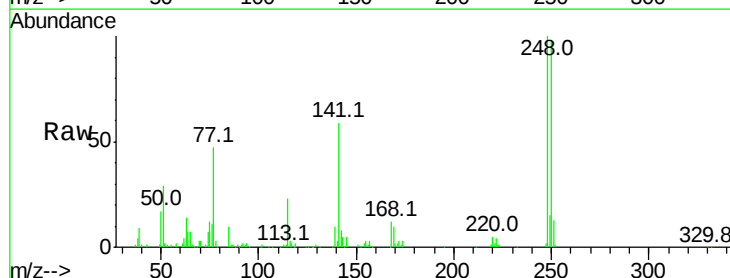
Tgt Ion:248 Resp: 95368

Ion Ratio Lower Upper

248 100

250 98.2 76.9 115.3

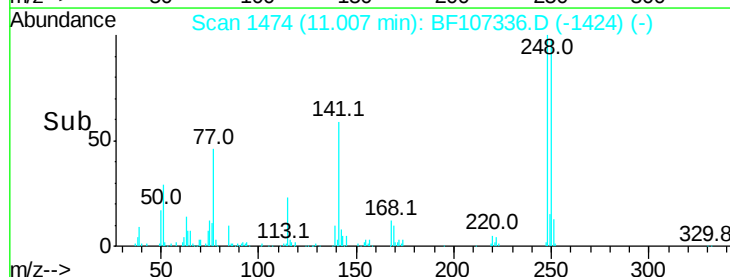
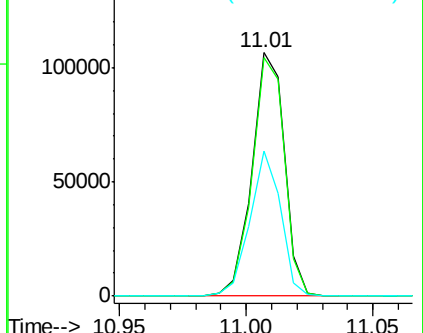
141 59.4 74.4 111.6#

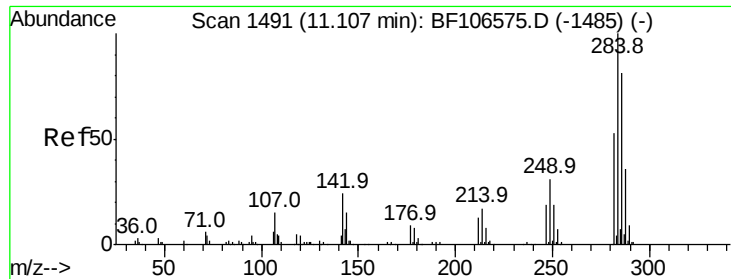


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





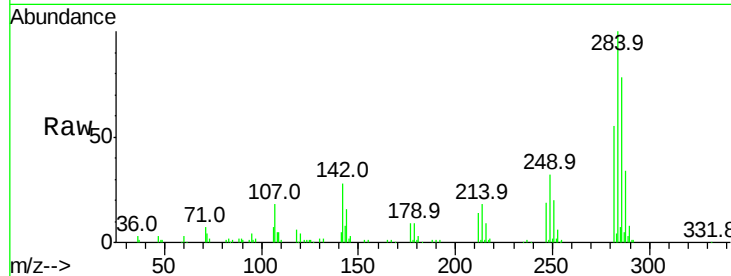
#67
Hexachlorobenzene
Concen: 34.724 ng
RT: 11.08 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Instrument :
BNA_F
ClientSampleId :
PB110949BS

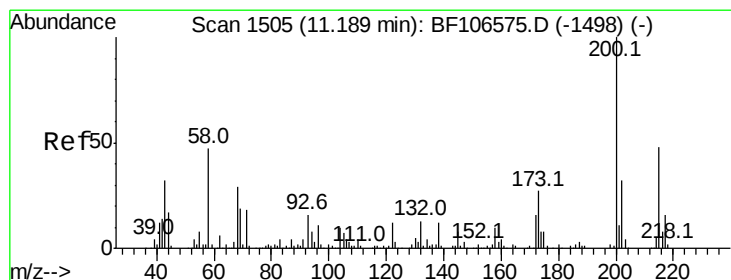
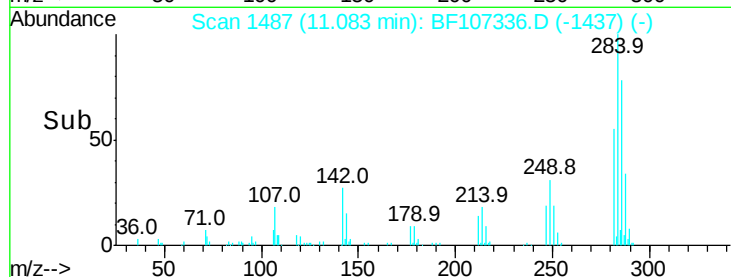
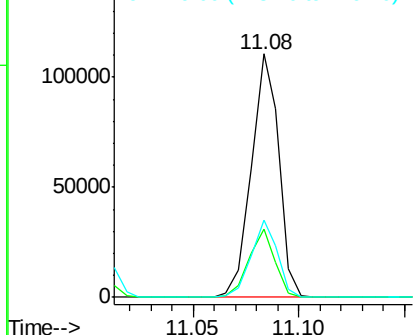
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	28.1	34.6	52.0	
249	31.7	24.8	37.2	

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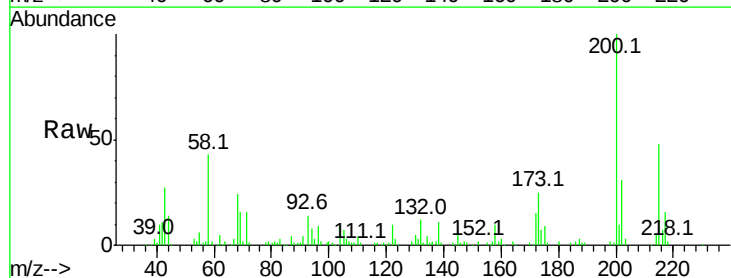


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

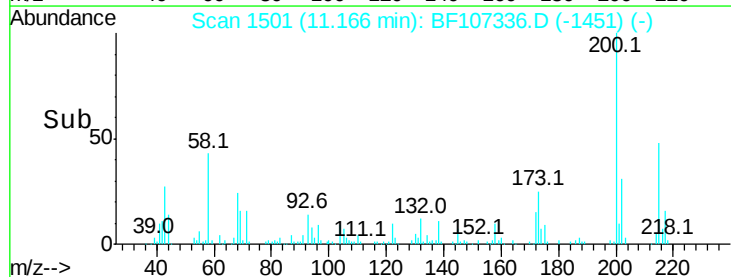
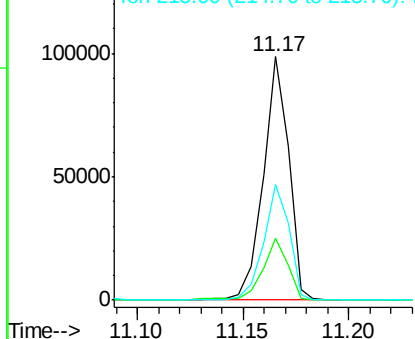


#68
Atrazine
Concen: 33.389 ng
RT: 11.17 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.2	8.6	48.6	
215	47.6	25.1	65.1	



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





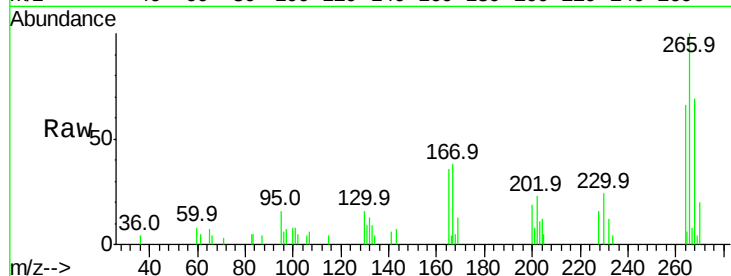
#69
 Pentachlorophenol
 Concen: 17.473 ng m
 RT: 11.29 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB110949BS

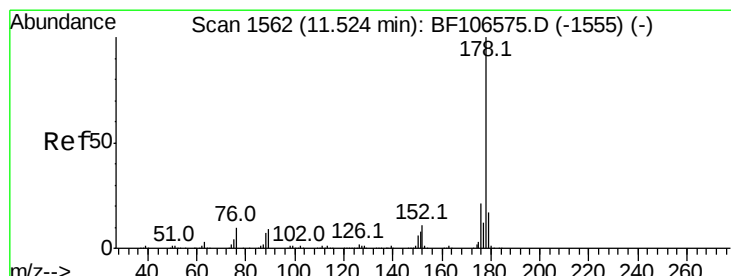
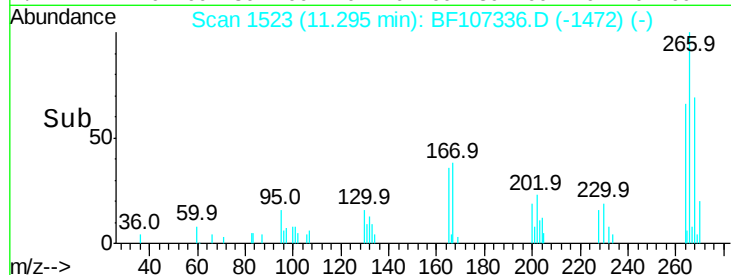
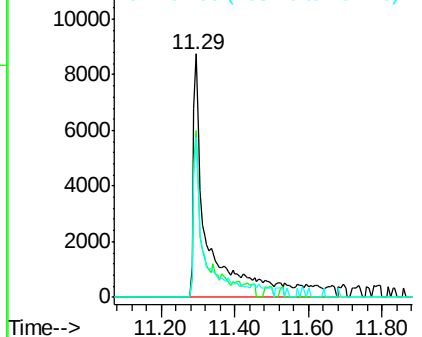
Tot Ion	Ratio	Lower	Upper
266	100		
268	68.6	51.1	76.7
264	65.8	49.5	74.3

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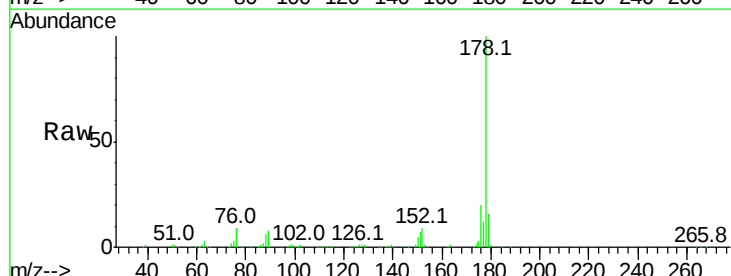


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

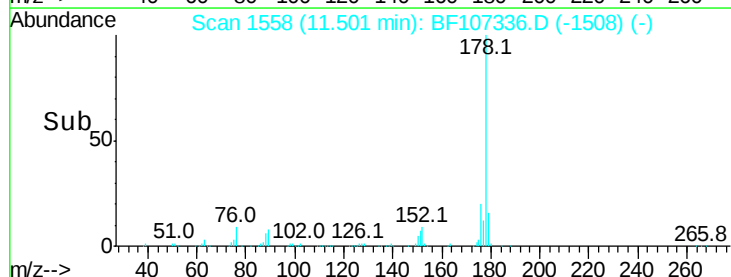
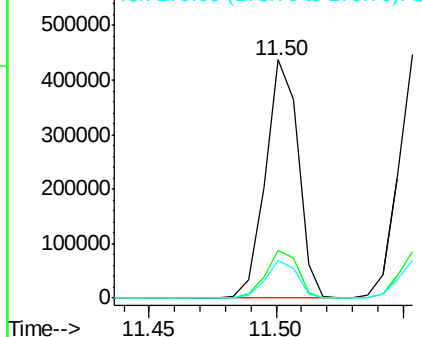


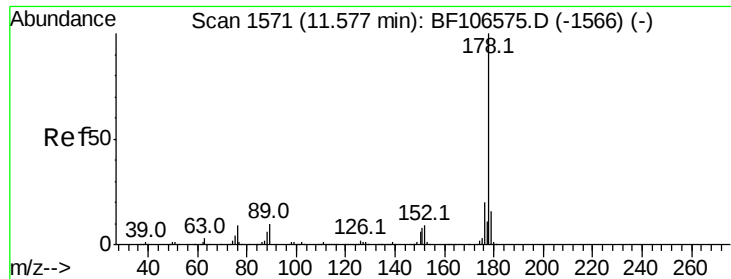
#70
 Phenanthrene
 Concen: 35.158 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.9	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 35.746 ng

RT: 11.55 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB110949BS

Tot Ion:178 Resp: 406856

Ion Ratio Lower Upper

178 100

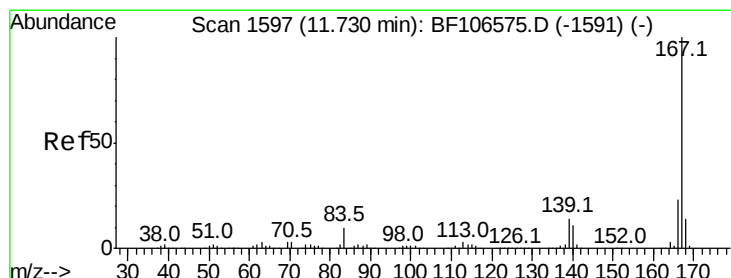
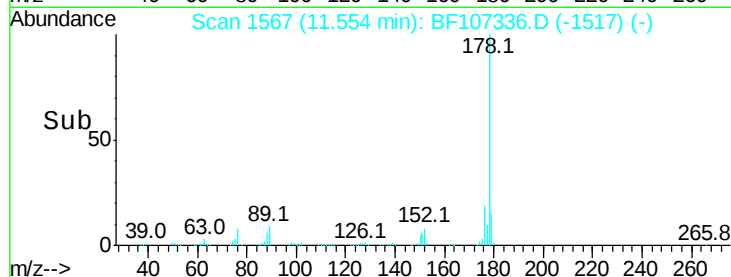
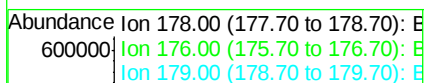
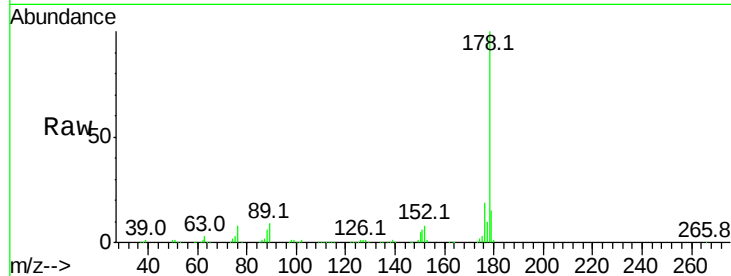
176 19.2 15.4 23.2

179 15.5 12.6 19.0

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#72

Carbazole

Concen: 31.606 ng

RT: 11.71 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

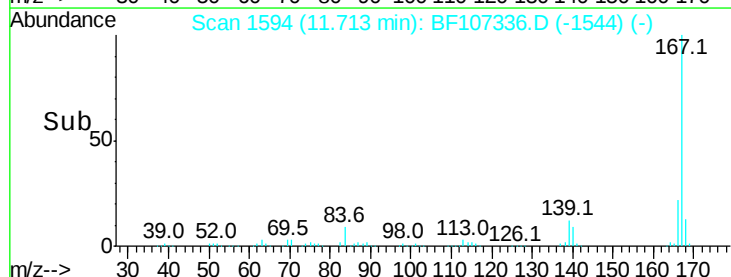
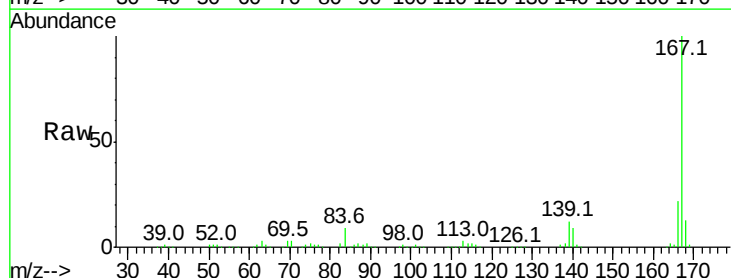
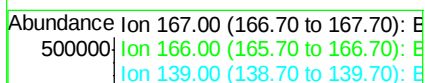
Tgt Ion:167 Resp: 336802

Ion Ratio Lower Upper

167 100

166 22.2 17.6 26.4

139 12.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 31.676 ng

RT: 12.02 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

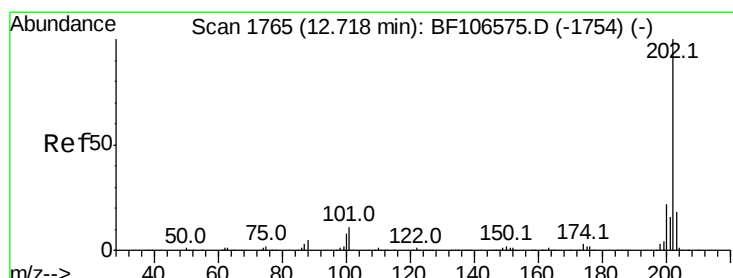
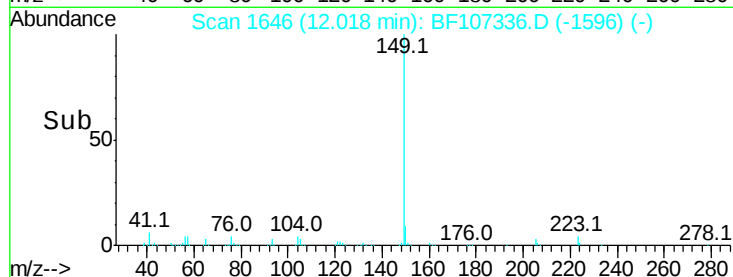
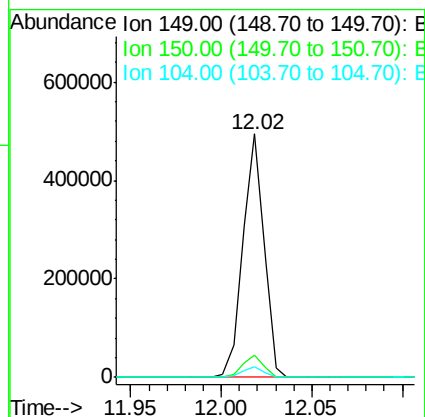
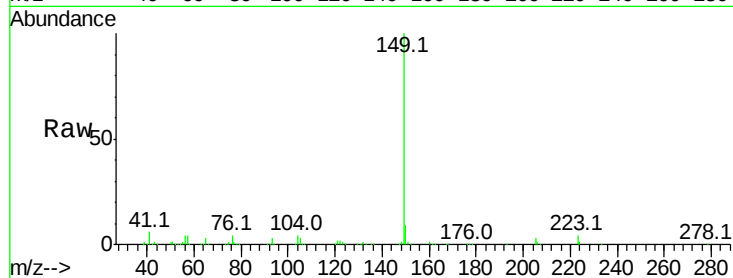
ClientSampleId :

PB110949BS

Tot Ion:	149	Resp:	397658
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.4	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 33.278 ng

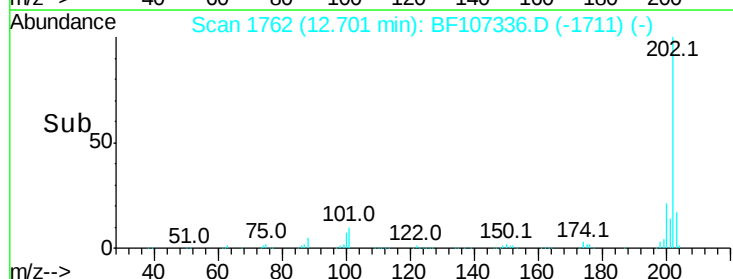
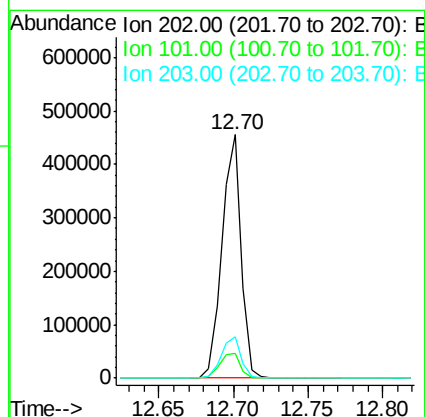
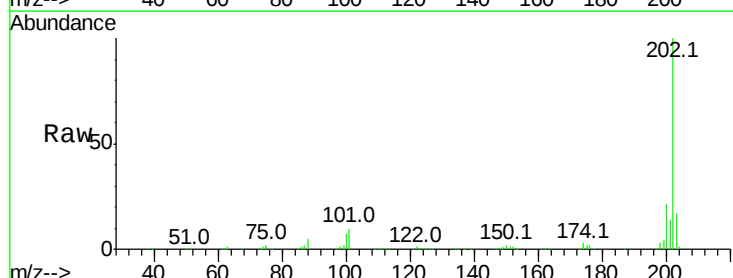
RT: 12.70 min Scan# 1762

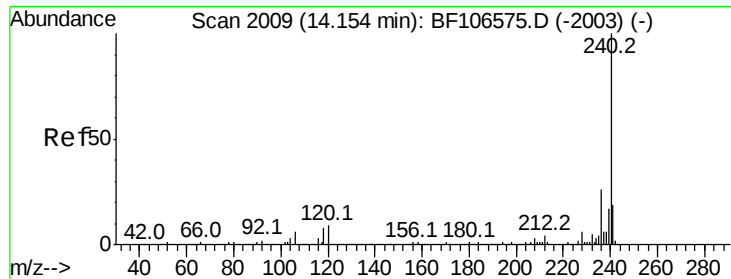
Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Tgt Ion:	202	Resp:	409006
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	34.1
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB110949BS

Tot Ion:240 Resp: 158447
Ion Ratio Lower Upper

240 100

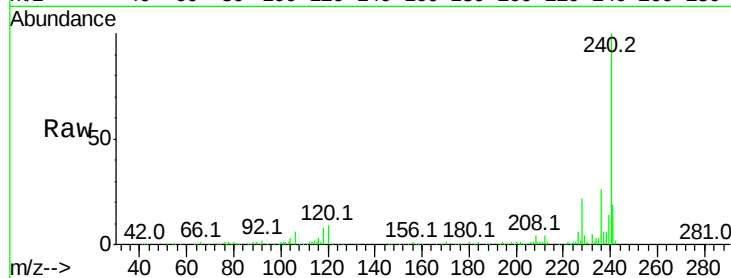
120 9.1 9.5 14.3#

236 25.8 20.7 31.1

Manual Integrations
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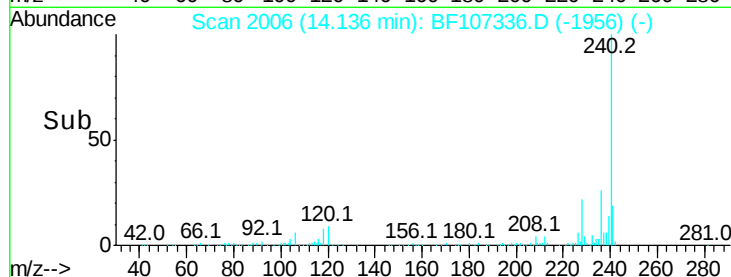
Sohil

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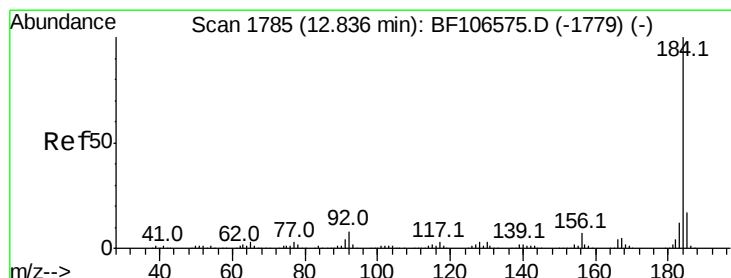


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

14.14



Time-->



#76

Benzidine

Concen: 23.759 ng

RT: 12.82 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BF107336.D

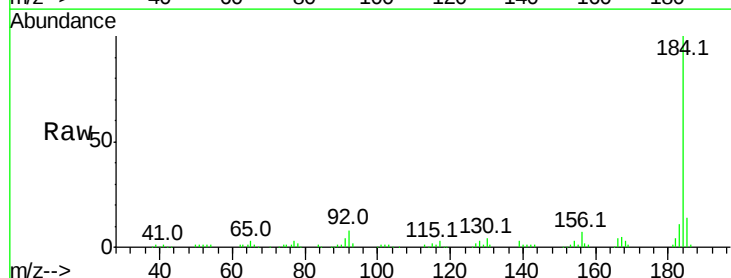
Acq: 12 Jul 2018 14:04

Tgt Ion:184 Resp: 107215
Ion Ratio Lower Upper

184 100

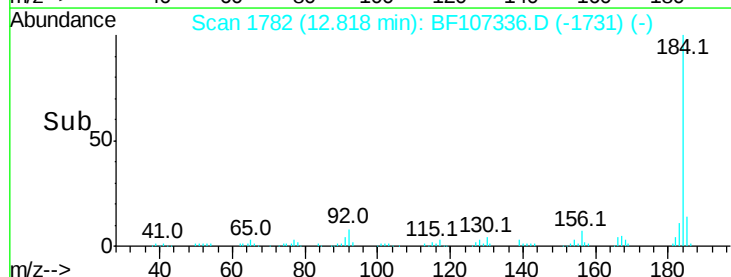
185 13.7 12.6 18.8

183 11.4 9.3 13.9

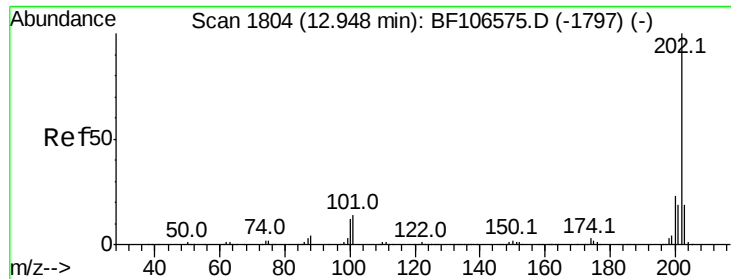


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

12.82



Time-->



#77

Pvrene

Concen: 38.287 ng

RT: 12.93 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

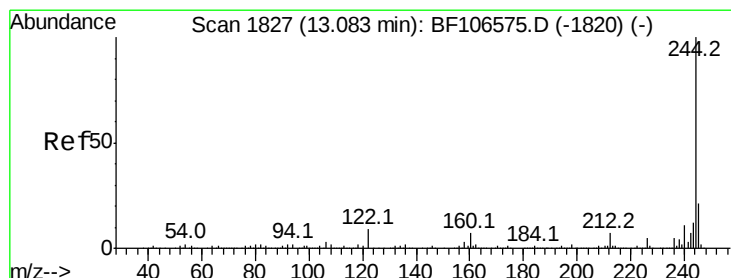
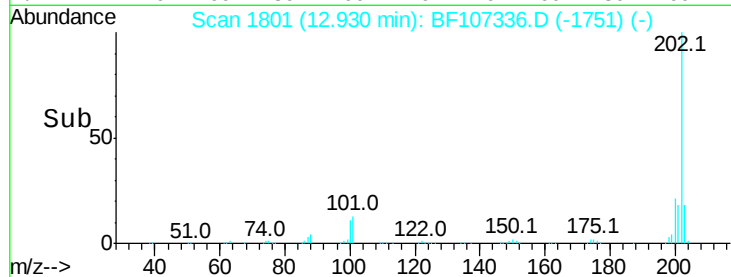
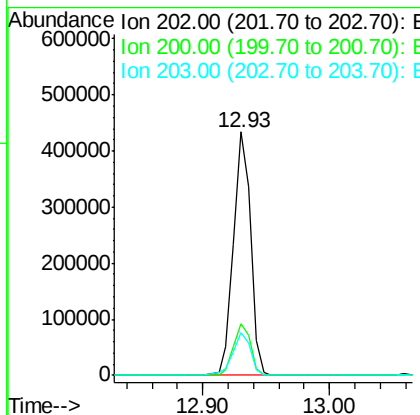
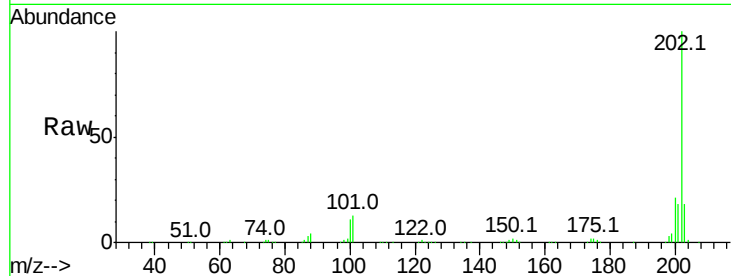
ClientSampleId :

PB110949BS

Tot Ion:	202	Resp:	400039
Ion Ratio		Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.7	14.3	21.5

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#78

Terphenyl-d14

Concen: 92.556 ng

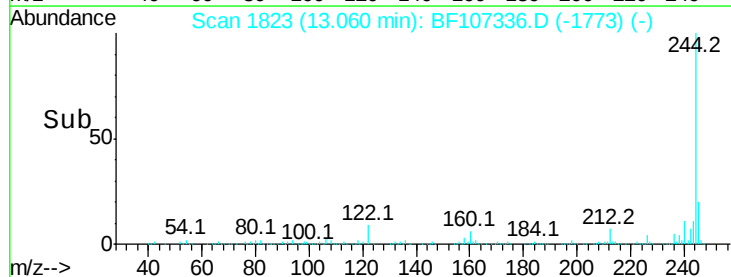
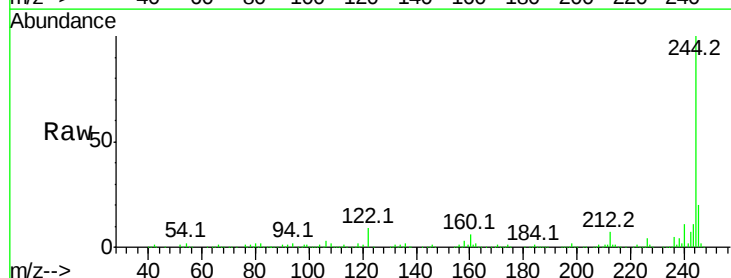
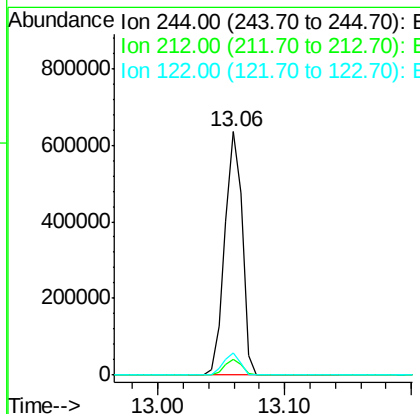
RT: 13.06 min Scan# 1823

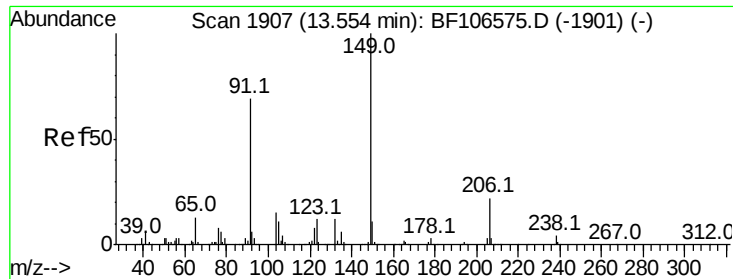
Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Tgt Ion:	244	Resp:	605424
Ion Ratio		Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.0	11.0	16.4#





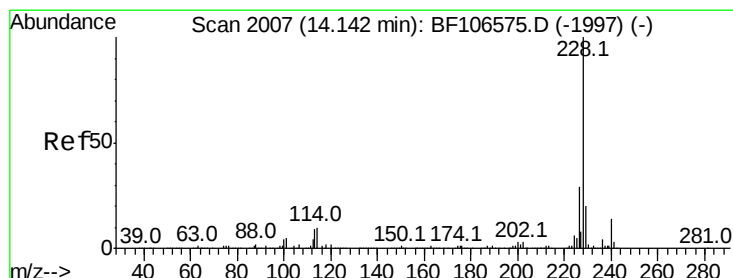
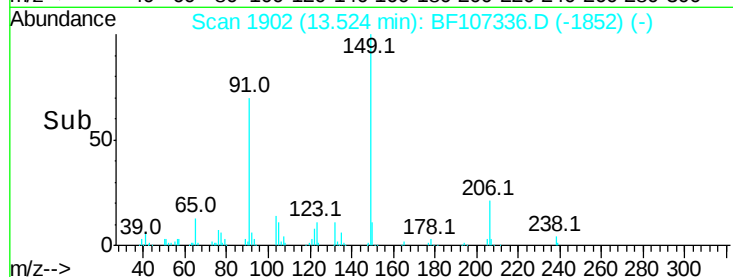
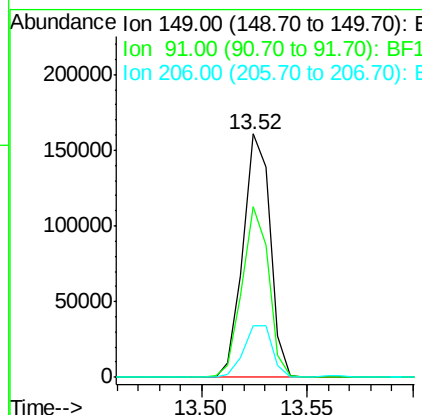
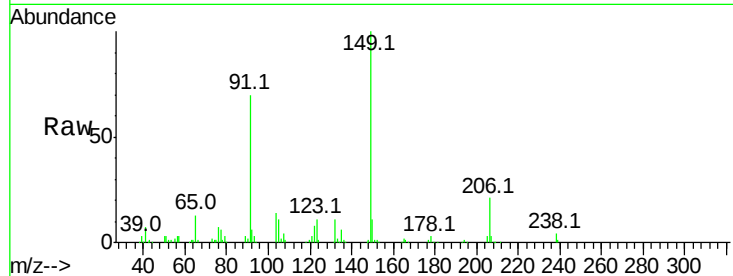
#79
 Butylbenzylphthalate
 Concen: 33.468 ng
 RT: 13.52 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB110949BS

Tot Ion:	149	Resp:	143773
Ion Ratio	Lower	Upper	
149	100		
91	70.3	56.8	85.2
206	21.5	14.1	21.1#

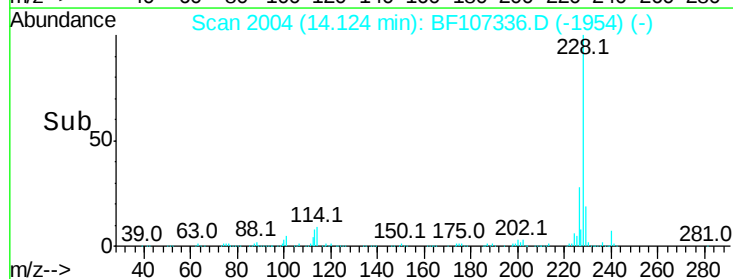
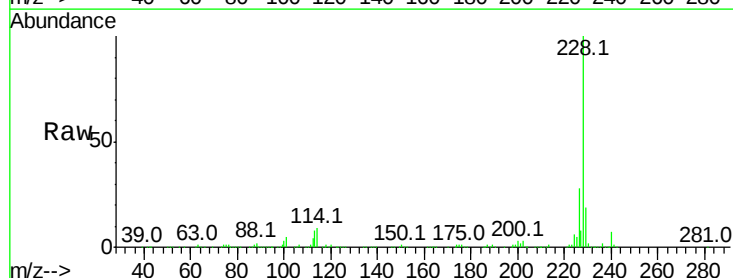
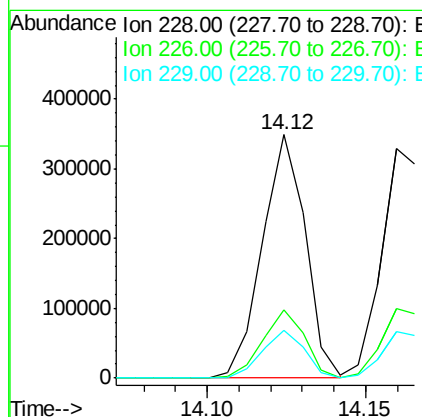
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#80
 Benzo(a)anthracene
 Concen: 34.162 ng
 RT: 14.12 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Tgt Ion:	228	Resp:	329896
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.6	33.8
229	19.4	15.8	23.6





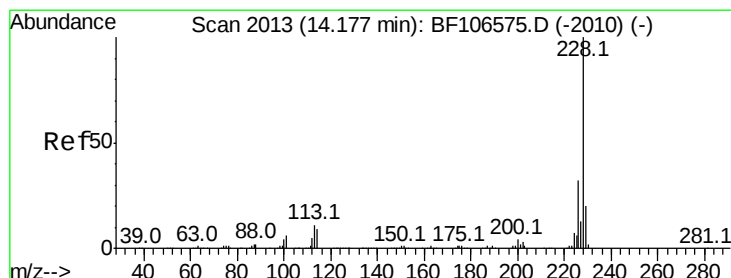
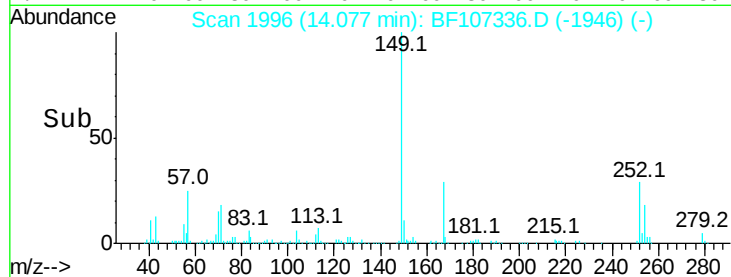
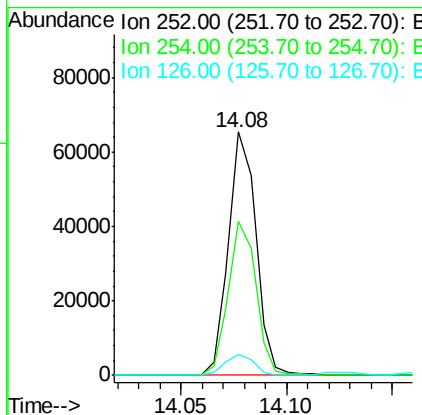
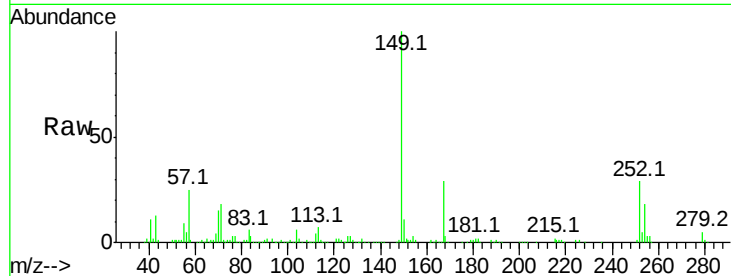
#81
 3,3'-Dichlorobenzidine
 Concen: 17.439 ng
 RT: 14.08 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB110949BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.4	75.6
126	8.6	11.3	16.9

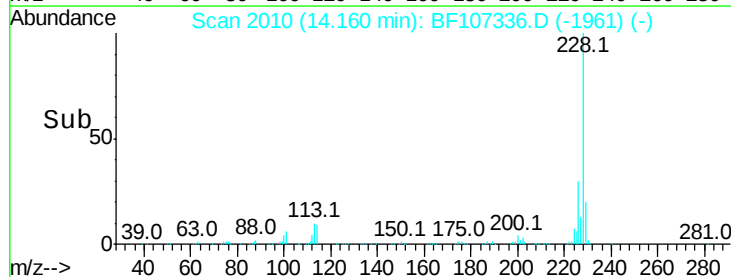
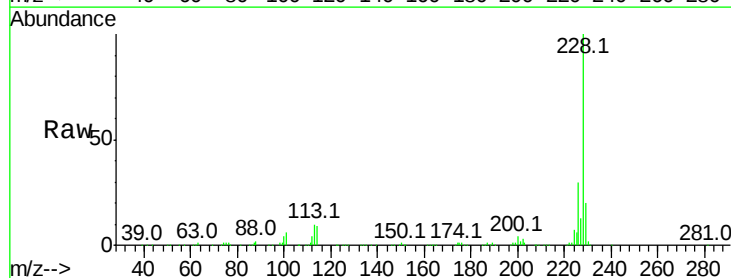
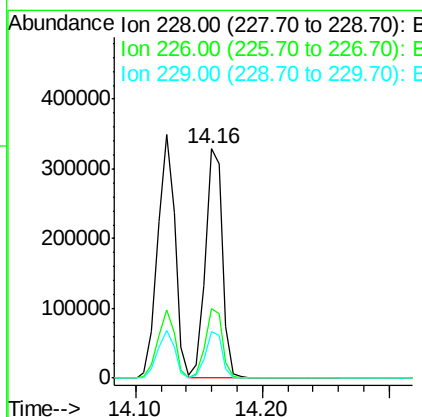
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#82
 Chrysene
 Concen: 34.838 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	20.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.039 ng

RT: 14.08 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB110949BS

Tot Ion:149 Resp: 186948

Ion Ratio Lower Upper

149 100

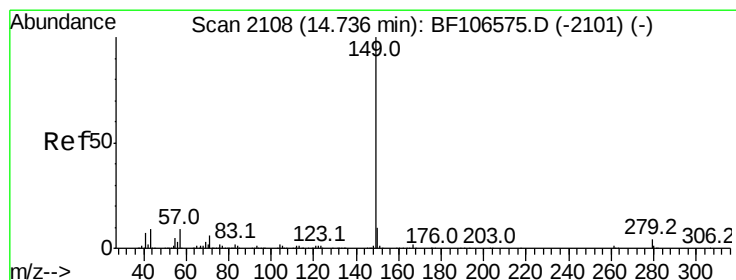
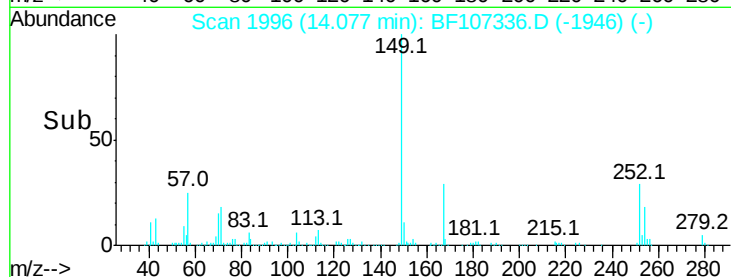
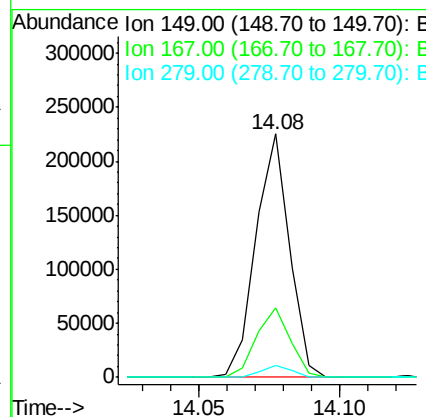
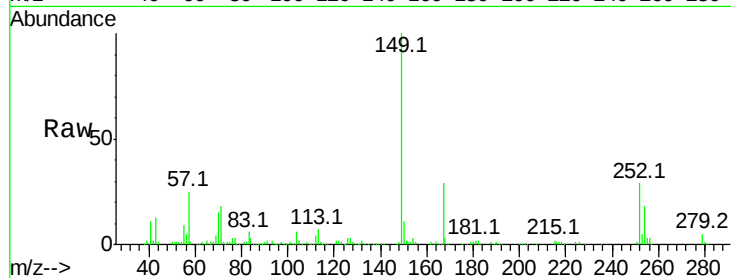
167 28.7 21.3 31.9

279 4.8 3.0 4.4#

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#84

Di-n-octyl phthalate

Concen: 33.939 ng

RT: 14.70 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

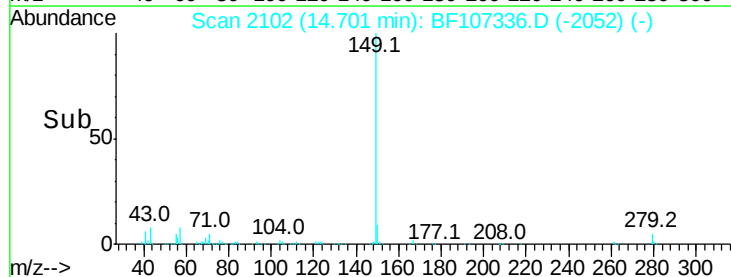
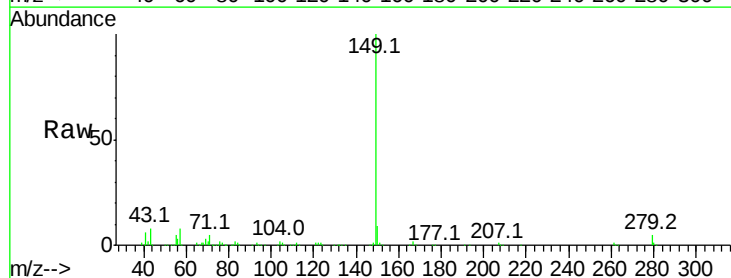
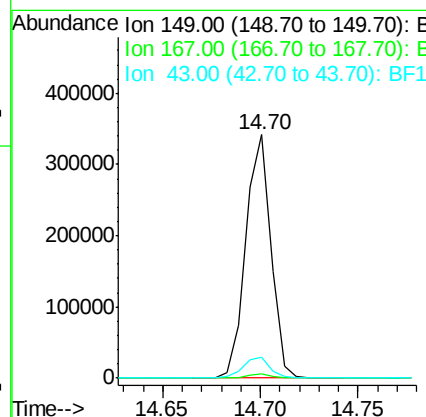
Tgt Ion:149 Resp: 303840

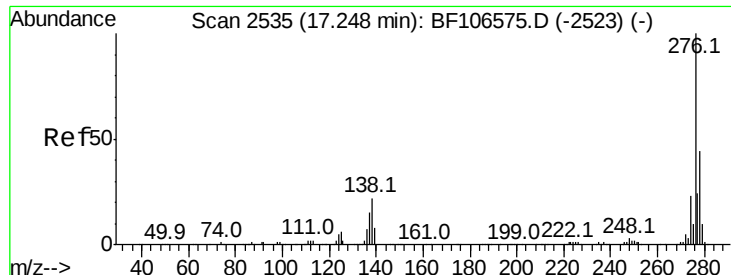
Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

43 8.7 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.707 ng

RT: 17.28 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BF107336.D

Acq: 12 Jul 2018 14:04

Instrument :

BNA_F

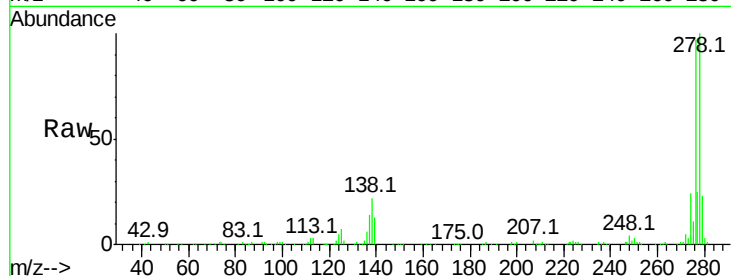
ClientSampleId :

PB110949BS

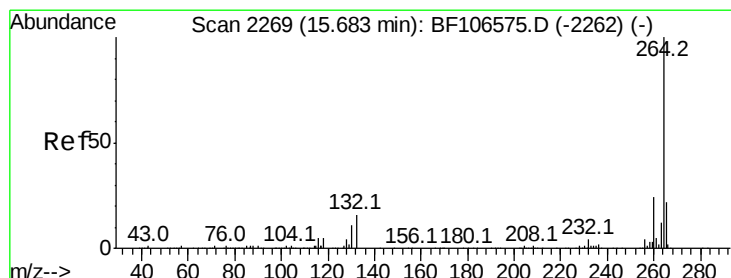
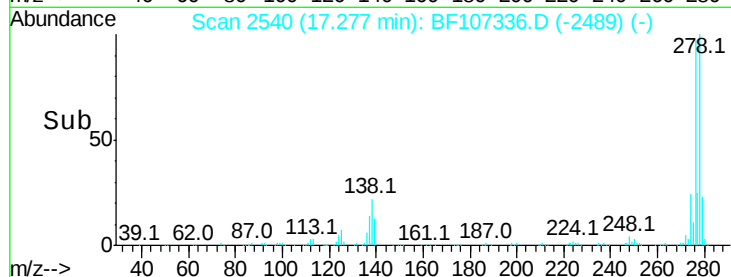
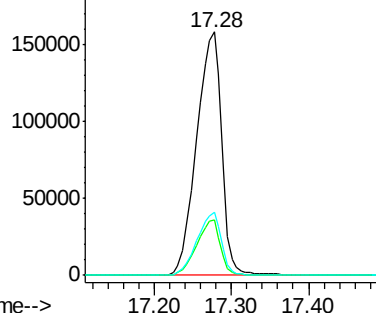
Tot Ion:	276	Resp:	359684
Ion Ratio	Lower	Upper	
276	100		
138	21.4	25.0	37.6#
277	25.2	20.1	30.1

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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

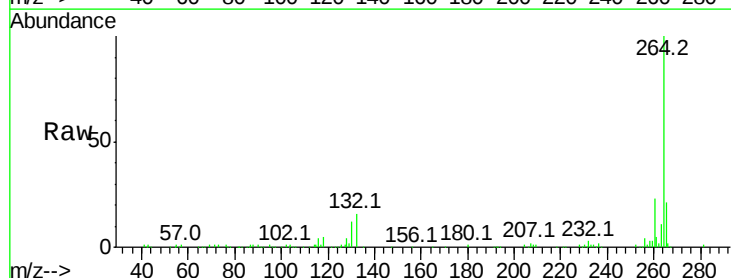
RT: 15.67 min Scan# 2267

Delta R.T. -0.01 min

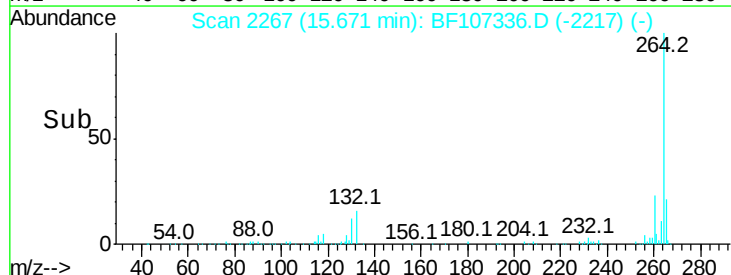
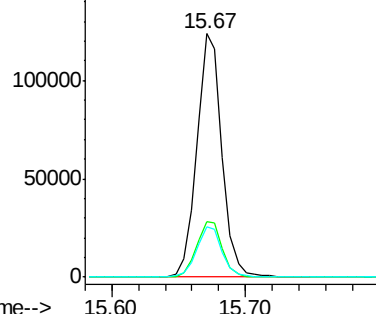
Lab File: BF107336.D

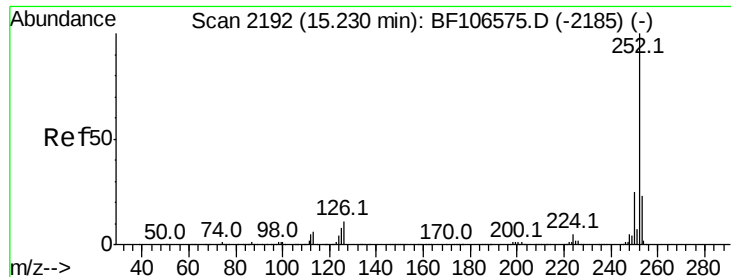
Acq: 12 Jul 2018 14:04

Tgt Ion:	264	Resp:	162171
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.2	28.8
265	20.8	17.5	26.3



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





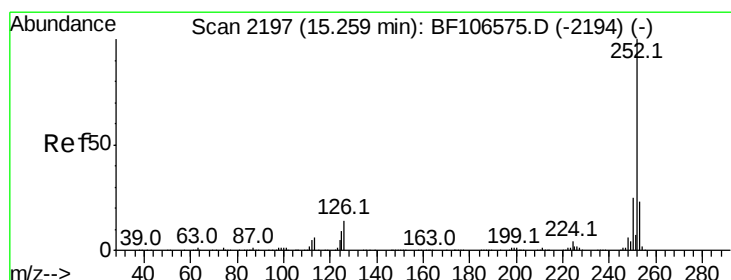
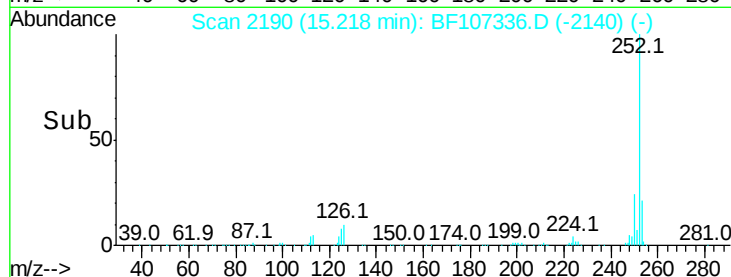
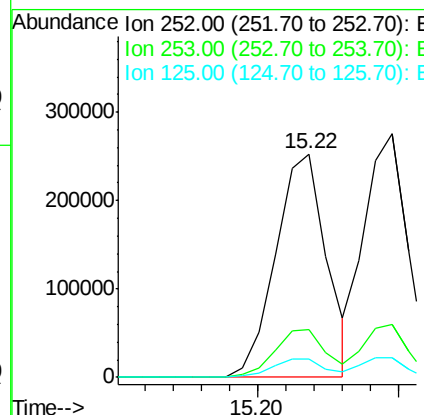
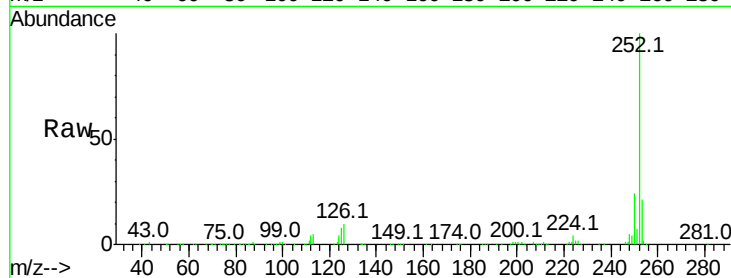
#87
Benzo(b)fluoranthene
Concen: 31.350 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Instrument :
BNA_F
ClientSampleId :
PB110949BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.6
125	8.0	9.0	13.6

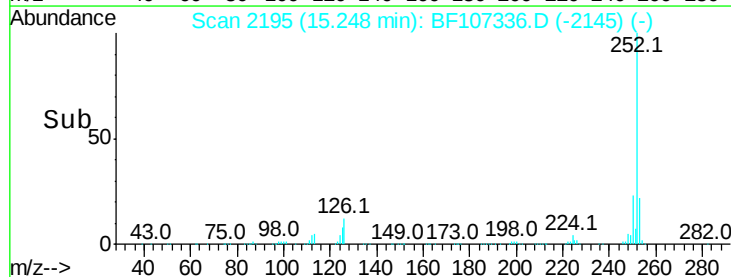
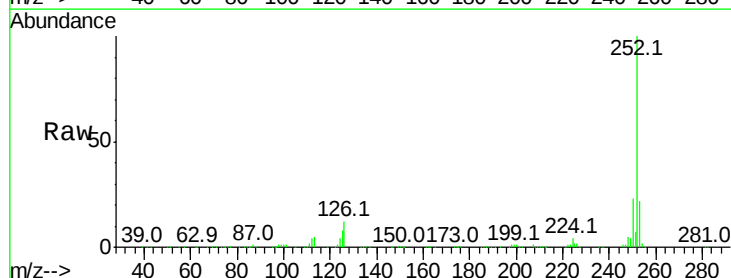
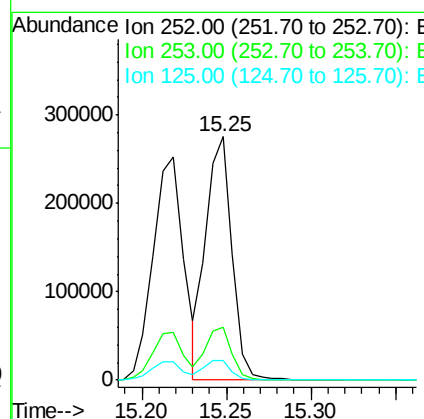
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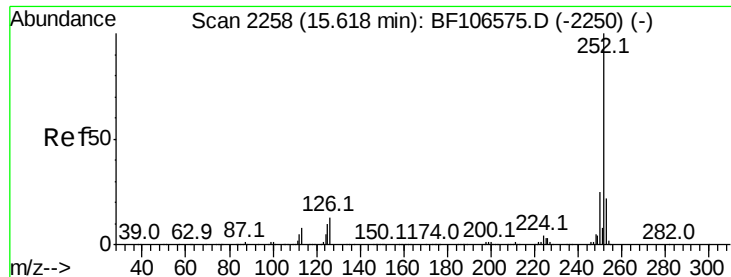
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#88
Benzo(k)fluoranthene
Concen: 30.813 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	7.8	10.2	15.2





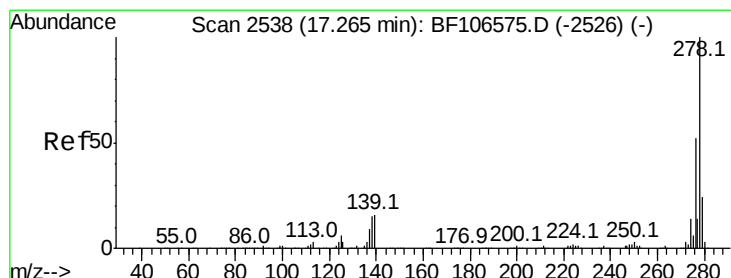
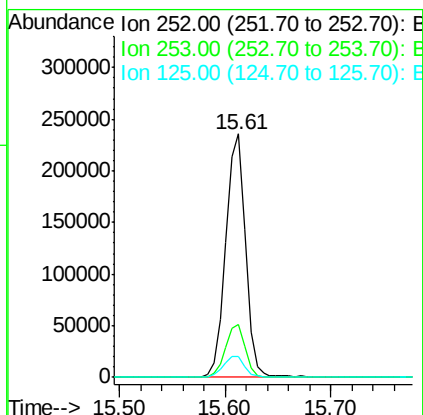
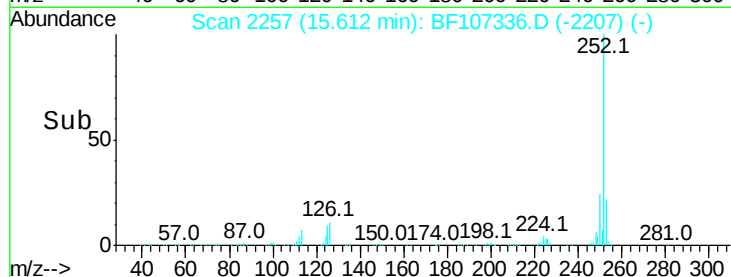
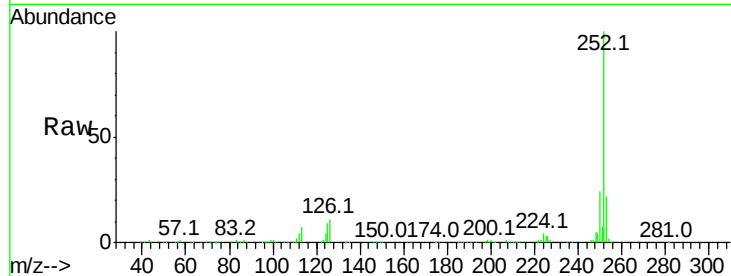
#89
Benzo(a)pyrene
Concen: 34.117 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Instrument :
BNA_F
ClientSampleId :
PB110949BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	8.6	9.8	14.6

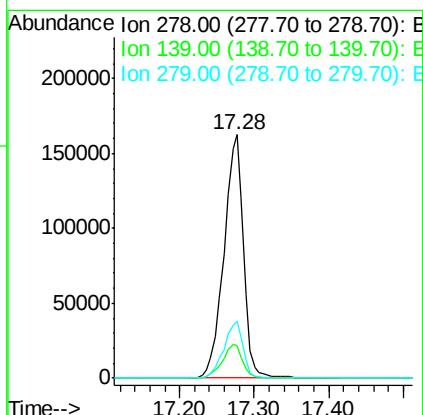
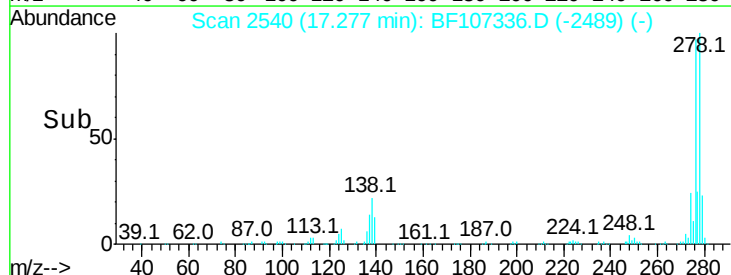
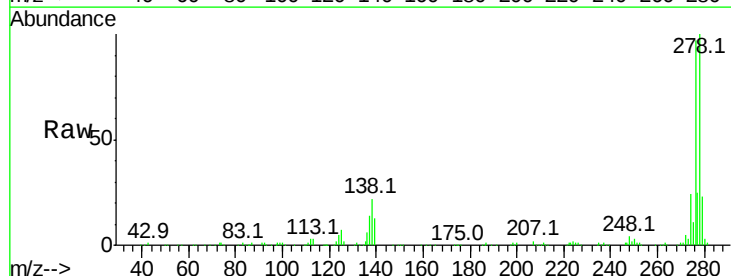
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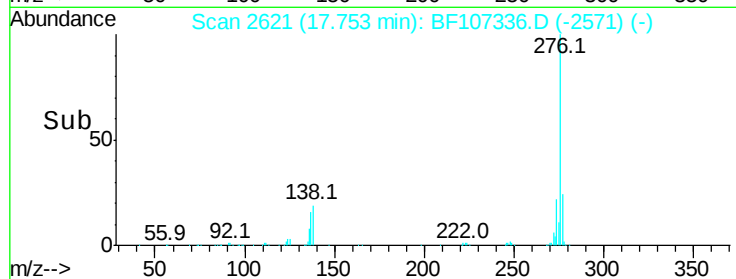
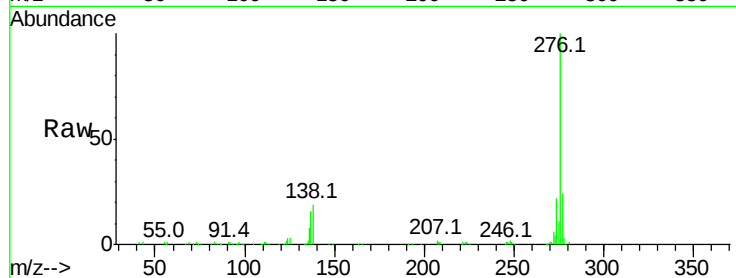
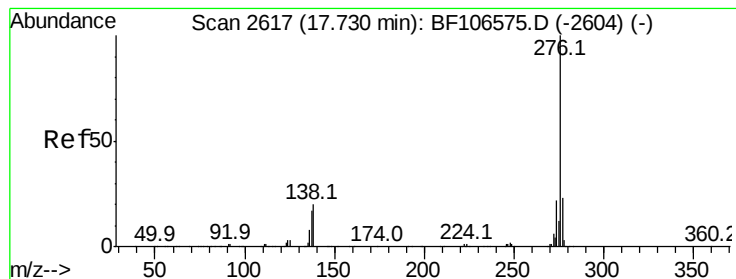
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#90
Dibenzo(a,h)anthracene
Concen: 39.287 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BF107336.D
Acq: 12 Jul 2018 14:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.3	15.9	23.9
279	23.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.902 ng
 RT: 17.75 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF107336.D
 Acq: 12 Jul 2018 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB110949BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.0	17.9	26.9
138	18.7	21.8	32.8

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