

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062018\
 Data File : BF106621.D
 Acq On : 20 Jun 2018 16:02
 Operator : JU/SJ
 Sample : PB110380BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110380BS

Manual Integrations
 APPROVED

Sohil
 6/21/2018 11:27:52 AM

Quant Time: Jun 21 01:38:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 19 14:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	93756	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	365458	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	201108	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	419974	20.00	ng	0.00
75) Chrysene-d12	14.15	240	349117	20.00	ng	0.00
86) Perylene-d12	15.69	264	284044	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	656975	118.66	ng	0.00
7) Phenol-d6	6.61	99	840354	121.54	ng	0.00
23) Nitrobenzene-d5	7.52	82	567101	86.24	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	323255	138.68	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1040789	88.14	ng	0.00
78) Terphenyl-d14	13.08	244	1348182	93.54	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.88	88	95177	33.436	ng	96
3) Pyridine	3.65	79	292276	37.860	ng	98
4) n-Nitrosodimethylamine	3.61	42	123775	37.749	ng	88
6) Aniline	6.62	93	193649	20.646	ng	# 59
8) 2-Chlorophenol	6.75	128	247840	40.811	ng	98
9) Benzaldehyde	6.51	77	128969	24.684	ng	99
10) Phenol	6.62	94	310353	39.330	ng	89
11) bis(2-Chloroethyl)ether	6.70	93	260535	39.994	ng	99
12) 1,3-Dichlorobenzene	6.90	146	285430	40.130	ng	99
13) 1,4-Dichlorobenzene	6.98	146	290712	40.428	ng	98
14) 1,2-Dichlorobenzene	7.13	146	266968	40.510	ng	98
15) Benzyl Alcohol	7.10	79	228818	41.213	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	387398	45.325	ng	93
17) 2-Methylphenol	7.22	107	218565	42.056	ng	# 93
18) Hexachloroethane	7.47	117	103290	40.846	ng	# 87
19) n-Nitroso-di-n-propylamine	7.37	70	174422	38.269	ng	96
20) 3+4-Methylphenols	7.37	107	261196	47.206	ng	# 73
22) Acetophenone	7.37	105	339562	41.530	ng	# 93
24) Nitrobenzene	7.54	77	281514	41.930	ng	97
25) Isophorone	7.78	82	522405	45.081	ng	98
26) 2-Nitrophenol	7.86	139	142188	44.862	ng	98
27) 2,4-Dimethylphenol	7.90	122	235188	48.009	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	327886	42.142	ng	99
29) 2,4-Dichlorophenol	8.11	162	233252	45.479	ng	93
30) 1,2,4-Trichlorobenzene	8.18	180	254693	45.079	ng	96
31) Naphthalene	8.27	128	725394	42.455	ng	100
32) Benzoic acid	8.02	122	162175	45.809	ng	96
33) 4-Chloroaniline	8.31	127	84152	11.738	ng	98
34) Hexachlorobutadiene	8.37	225	164155	44.589	ng	99
35) Caprolactam	8.69	113	84862m	50.760	ng	
36) 4-Chloro-3-methylphenol	8.81	107	251824	46.648	ng	98
37) 2-Methylnaphthalene	8.96	142	544733	48.099	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	277400	40.959	ng	97
40) Hexachlorocyclopentadiene	9.11	237	339686	97.484	ng	98

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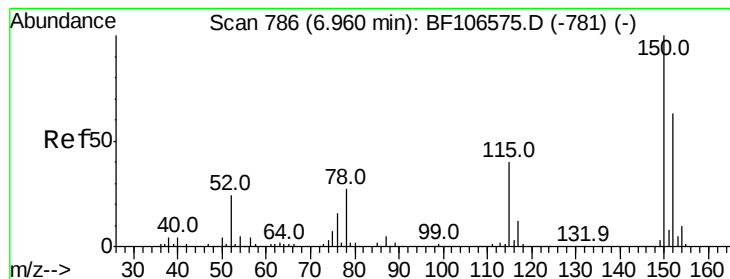
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	176990	39.314	nq	91
43) 2,4,5-Trichlorophenol	9.29	196	189094	40.253	nq #	86
45) 1,1'-Biphenyl	9.42	154	642114	40.064	nq	99
46) 2-Chloronaphthalene	9.45	162	482516	38.247	nq	96
47) 2-Nitroaniline	9.55	65	163760	38.602	nq	96
48) Acenaphthylene	9.87	152	775280	38.924	nq	98
49) Dimethylphthalate	9.72	163	585358	38.808	nq	97
50) 2,6-Dinitrotoluene	9.78	165	139361	43.633	nq	97
51) Acenaphthene	10.04	154	478278	38.133	nq	98
52) 3-Nitroaniline	9.95	138	68015	18.506	nq	95
53) 2,4-Dinitrophenol	10.07	184	158875	94.623	nq #	20
54) Dibenzofuran	10.21	168	726462	42.299	nq	97
55) 4-Nitrophenol	10.14	139	197584	77.017	nq	97
56) 2,4-Dinitrotoluene	10.20	165	193802	46.486	nq	86
57) Fluorene	10.55	166	563793	41.369	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	182550	48.886	nq #	79
59) Diethylphthalate	10.42	149	571099	39.229	nq #	93
60) 4-Chlorophenyl-phenylether	10.54	204	295653	41.461	nq #	84
61) 4-Nitroaniline	10.58	138	149821	41.074	nq	94
62) Azobenzene	10.70	77	569490	39.725	nq	96
64) 4,6-Dinitro-2-methylphenol	10.60	198	117955	45.436	nq	79
65) n-Nitrosodiphenylamine	10.67	169	509806	36.090	nq	99
66) 4-Bromophenyl-phenylether	11.03	248	210832	42.064	nq #	84
67) Hexachlorobenzene	11.10	284	221886	42.297	nq #	84
68) Atrazine	11.19	200	193523	43.094	nq	95
69) Pentachlorophenol	11.30	266	218143	83.340	nq	99
70) Phenanthrene	11.52	178	860326	42.472	nq	98
71) Anthracene	11.57	178	907619	43.898	nq	99
72) Carbazole	11.73	167	814258	42.064	nq	98
73) Di-n-butylphthalate	12.04	149	930076	40.784	nq	100
74) Fluoranthene	12.71	202	985686	44.149	nq	96
76) Benzidine	12.83	184	336668	33.861	nq	98
77) Pyrene	12.94	202	993305	43.146	nq	98
79) Butylbenzylphthalate	13.55	149	403250	42.602	nq #	97
80) Benzo(a)anthracene	14.14	228	887835	41.726	nq	98
81) 3,3'-Dichlorobenzidine	14.10	252	163446	21.856	nq #	97
82) Chrysene	14.18	228	819071	41.842	nq	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	551464	45.571	nq	97
84) Di-n-octyl phthalate	14.75	149	806215	40.872	nq #	98
85) Indeno(1,2,3-cd)pyrene	17.27	276	777442	46.800	nq #	91
87) Benzo(b)fluoranthene	15.24	252	740514	41.968	nq #	96
88) Benzo(k)fluoranthene	15.27	252	674785	40.159	nq #	95
89) Benzo(a)pyrene	15.63	252	679018	43.289	nq #	96
90) Dibenzo(a,h)anthracene	17.28	278	639616	48.115	nq #	94
91) Benzo(g,h,i)perylene	17.75	276	664321	51.128	nq #	91

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



#1

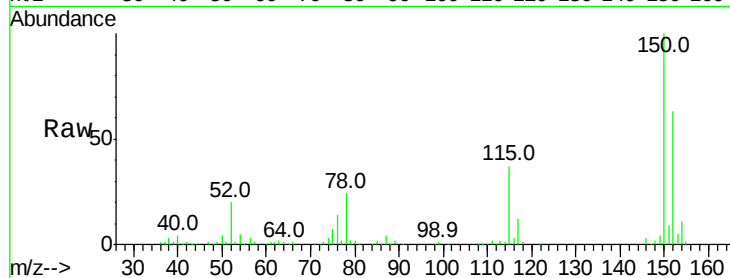
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110380BS

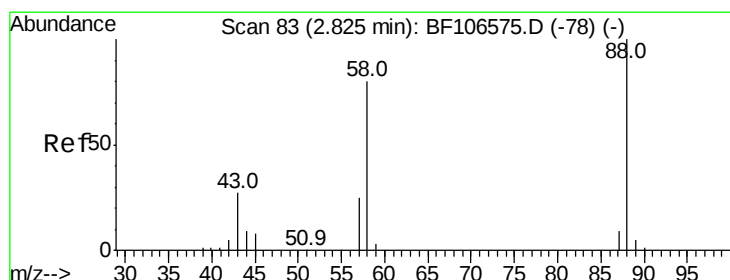
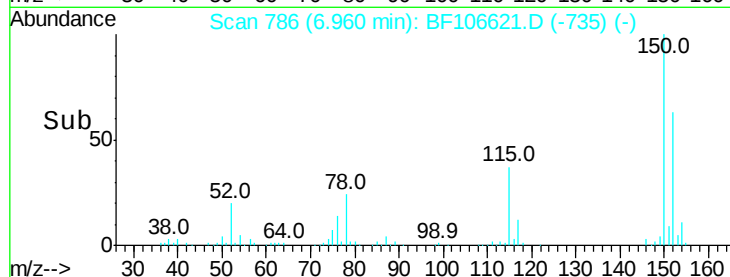
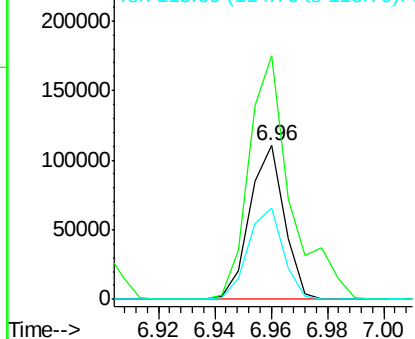
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	59.1	50.1	75.1

Manual Integrations
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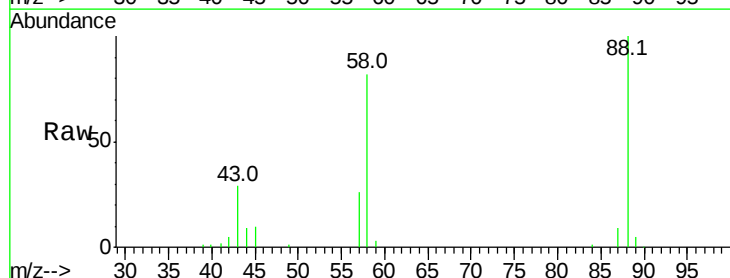
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



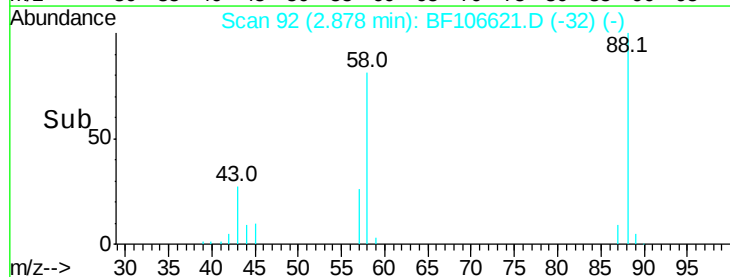
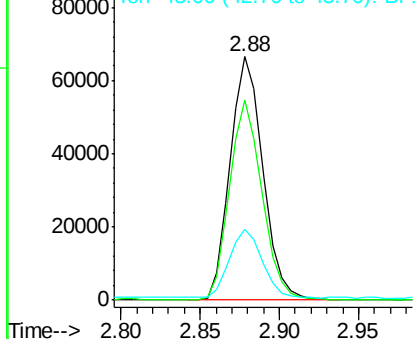
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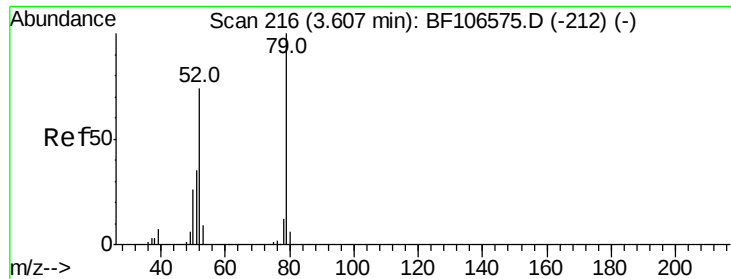
1,4-Dioxane
Concen: 33.436 ng
RT: 2.88 min Scan# 92
Delta R.T. 0.05 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.3	62.6	93.8
43	28.3	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





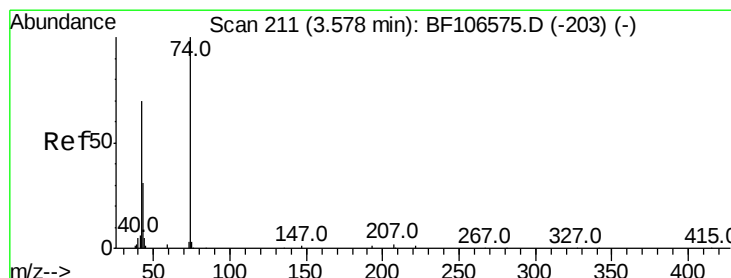
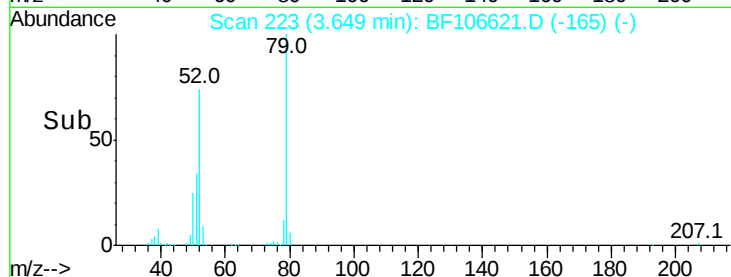
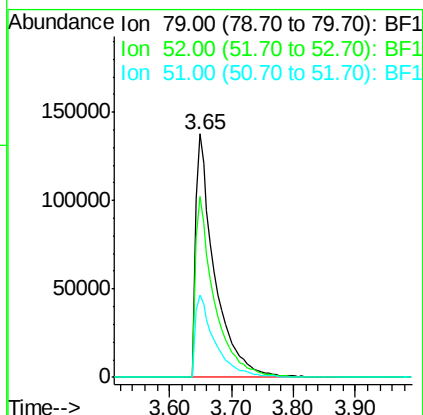
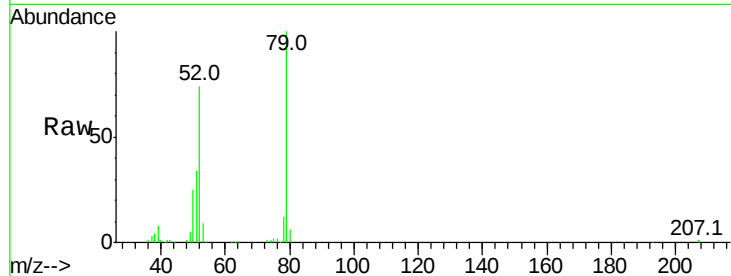
#3
Pvridine
Concen: 37.860 ng
RT: 3.65 min Scan# 223
Delta R.T. 0.04 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Instrument :
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ClientSampleId :
PB110380BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	74.2	59.8	89.6
51	34.0	29.8	44.8

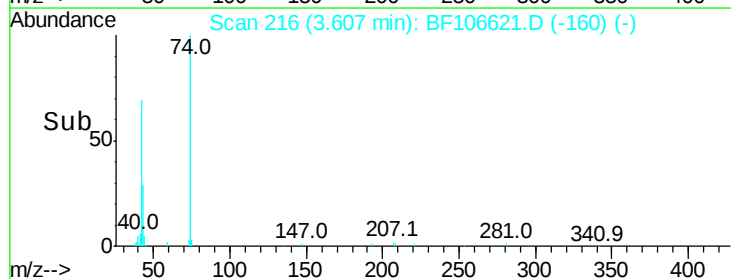
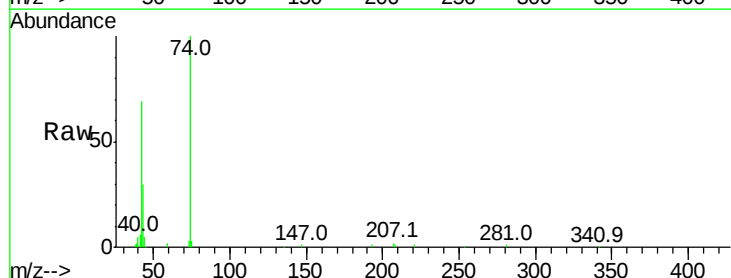
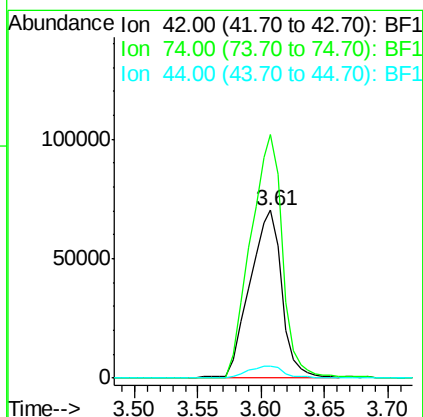
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#4
n-Nitrosodimethylamine
Concen: 37.749 ng
RT: 3.61 min Scan# 216
Delta R.T. 0.03 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	145.2	104.9	157.3
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 118.656 ng

RT: 5.61 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

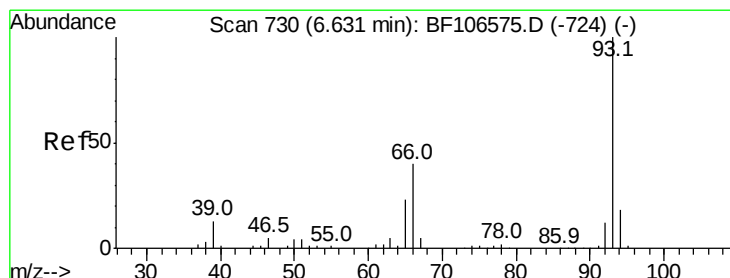
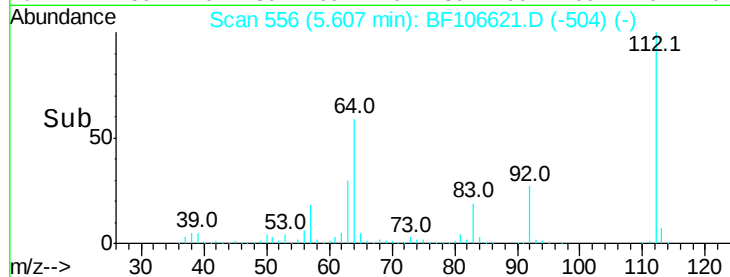
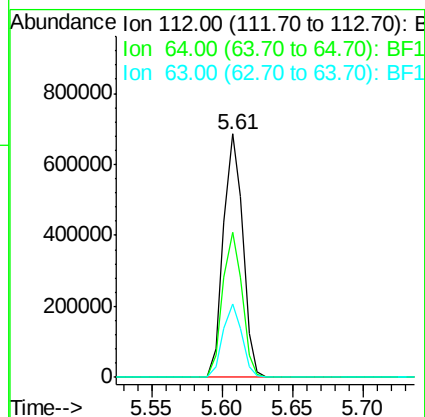
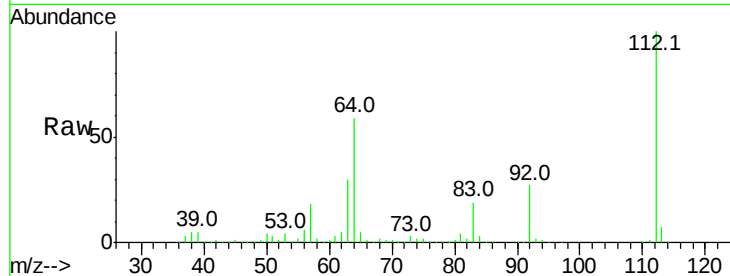
ClientSampleId :

PB110380BS

Tot Ion:	112	Resp:	656975
Ion Ratio		Lower	Upper
112	100		
64	59.4	47.9	71.9
63	30.1	23.7	35.5

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#6

Aniline

Concen: 20.646 ng

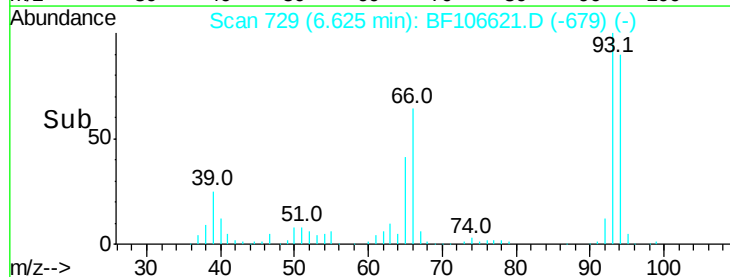
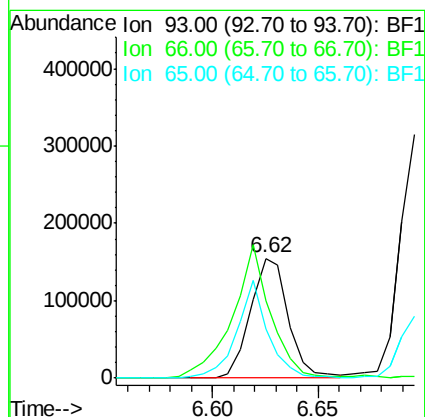
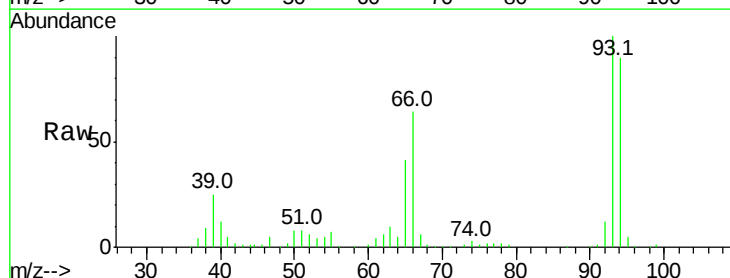
RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Tgt Ion:	93	Resp:	193649
Ion Ratio		Lower	Upper
93	100		
66	64.1	32.2	48.2#
65	41.3	16.4	24.6#





#7

Phenol-d6

Concen: 121.537 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

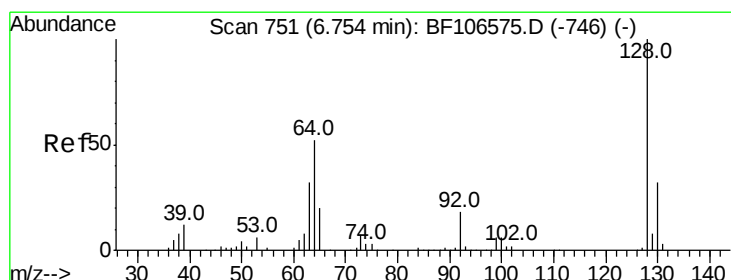
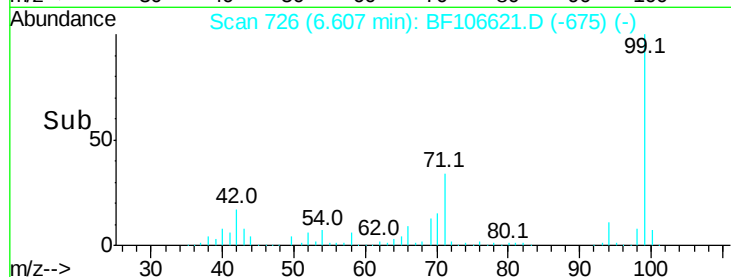
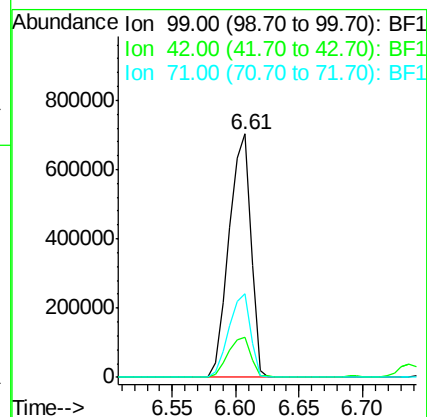
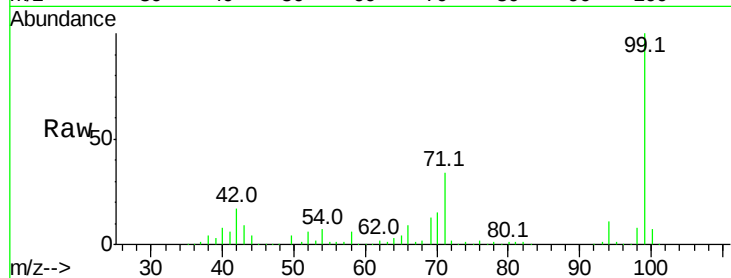
ClientSampleId :

PB110380BS

Tot Ion:	99	Resp:	840354
Ion Ratio	Lower	Upper	
99	100		
42	16.7	14.5	21.7
71	34.4	25.4	38.0

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#8

2-Chlorophenol

Concen: 40.811 ng

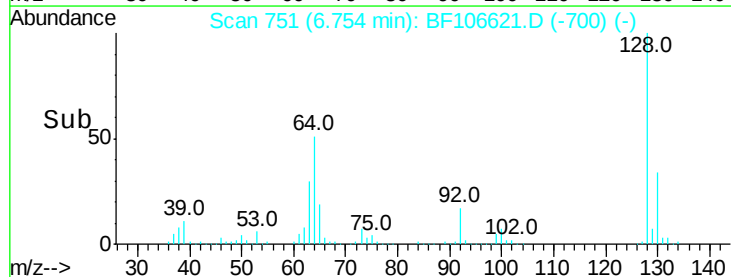
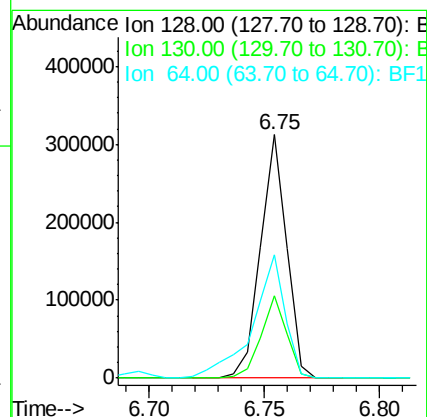
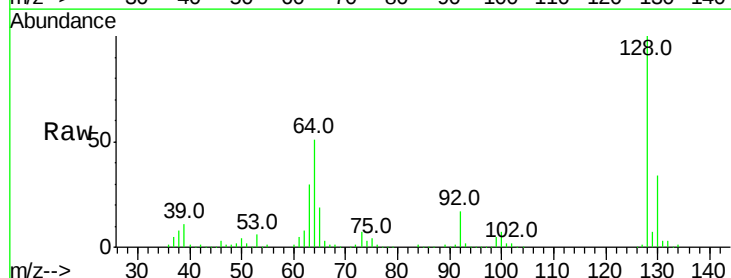
RT: 6.75 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Tgt Ion:	128	Resp:	247840
Ion Ratio	Lower	Upper	
128	100		
130	33.8	13.0	53.0
64	50.5	29.4	69.4





#9

Benzaldehyde

Concen: 24.684 ng

RT: 6.51 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB110380BS

Tot Ion: 77 Resp: 128969

Ion Ratio Lower Upper

77 100

105 101.4 81.1 121.1

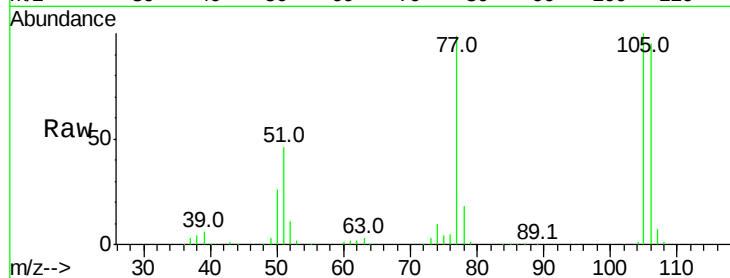
106 96.2 74.5 114.5

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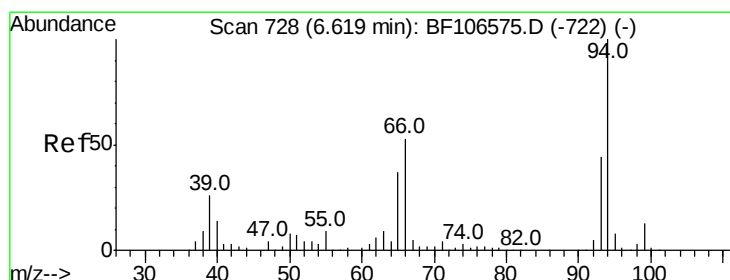
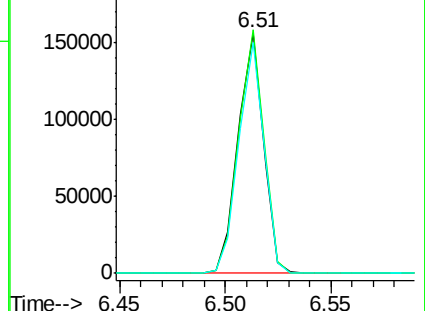
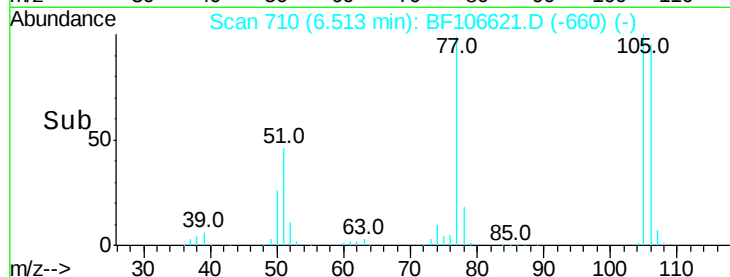
6/21/2018 11:27:52 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.330 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

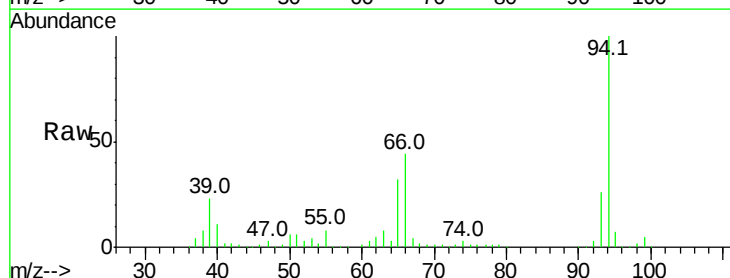
Tgt Ion: 94 Resp: 310353

Ion Ratio Lower Upper

94 100

65 32.5 7.9 47.9

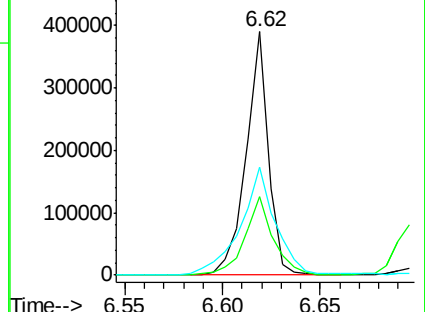
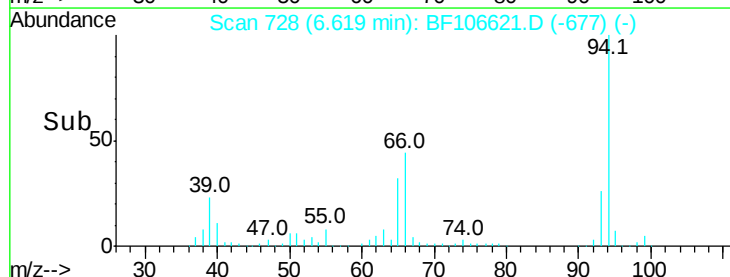
66 44.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.994 ng

RT: 6.70 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

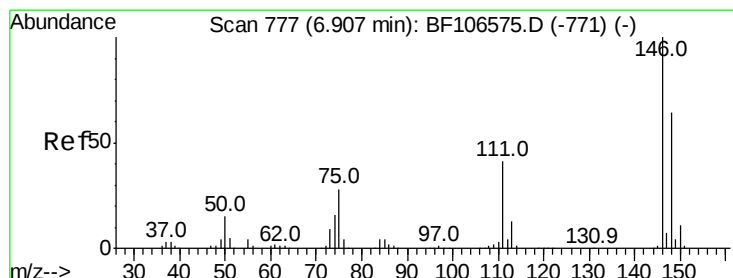
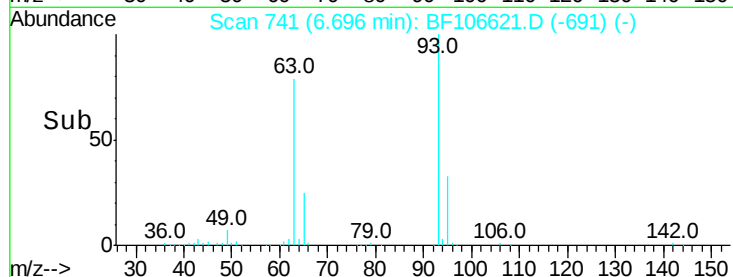
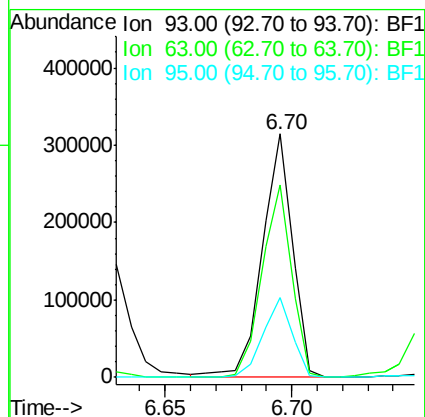
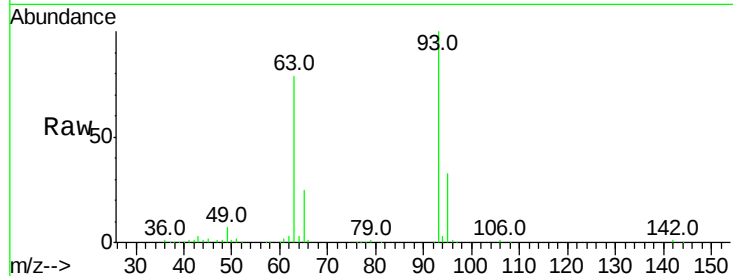
ClientSampleId :

PB110380BS

Tot Ion:	93	Resp:	260535
Ion Ratio	Lower	Upper	
93	100		
63	79.0	58.6	98.6
95	32.8	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 40.130 ng

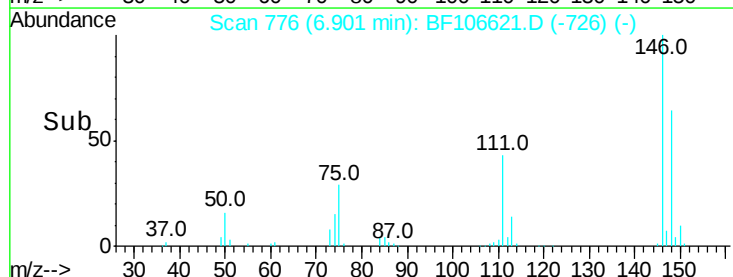
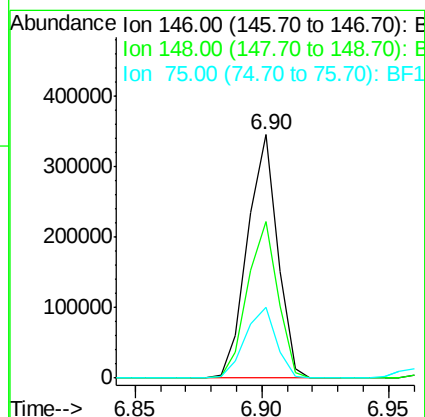
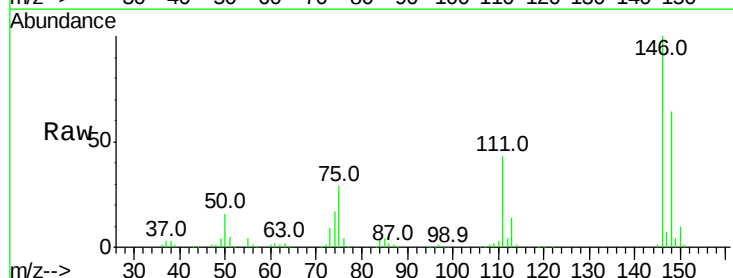
RT: 6.90 min Scan# 776

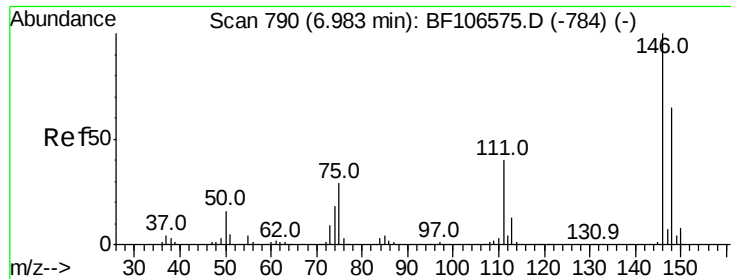
Delta R.T. -0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Tgt Ion:	146	Resp:	285430
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.8	77.8
75	29.2	24.2	36.4





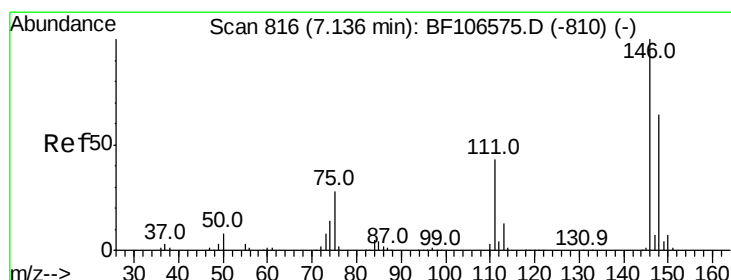
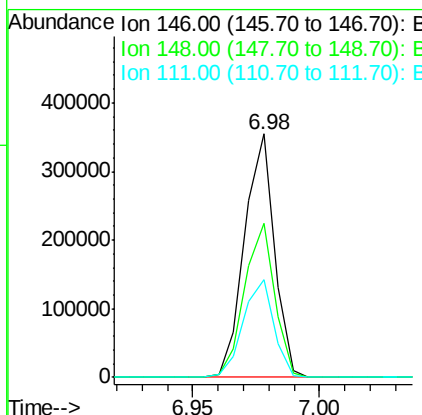
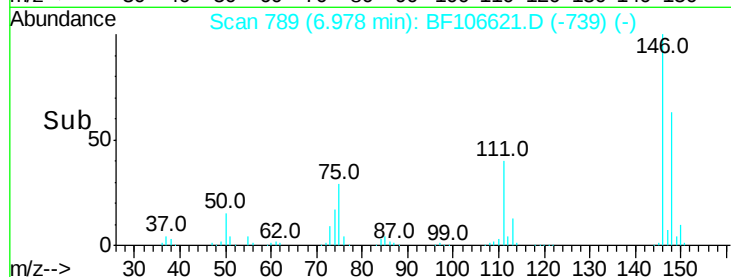
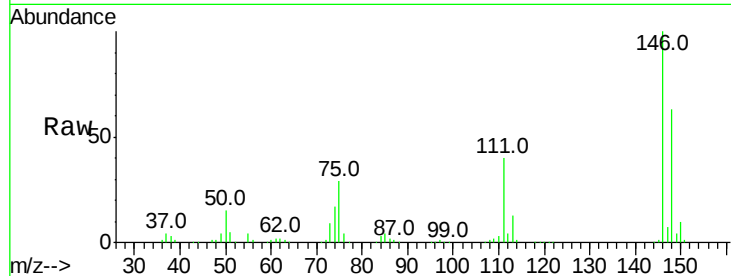
#13
 1,4-Dichlorobenzene
 Concen: 40.428 ng
 RT: 6.98 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110380BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	40.1	34.2	51.2

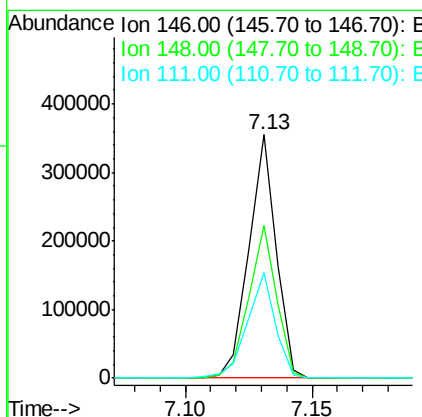
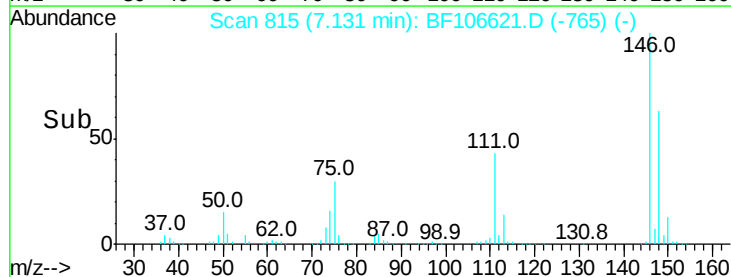
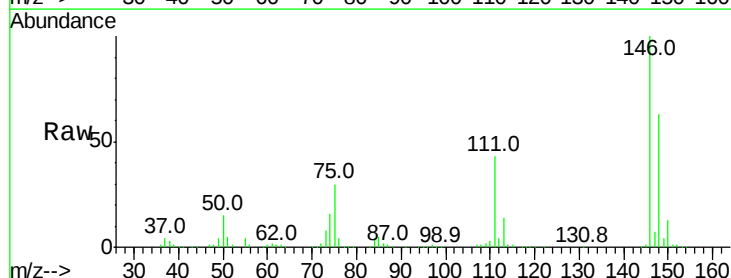
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#14
 1,2-Dichlorobenzene
 Concen: 40.510 ng
 RT: 7.13 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.6	75.8
111	43.4	36.0	54.0





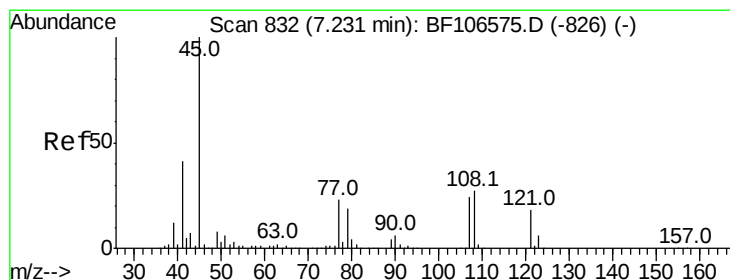
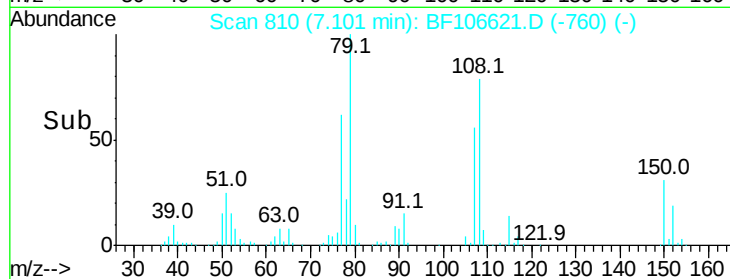
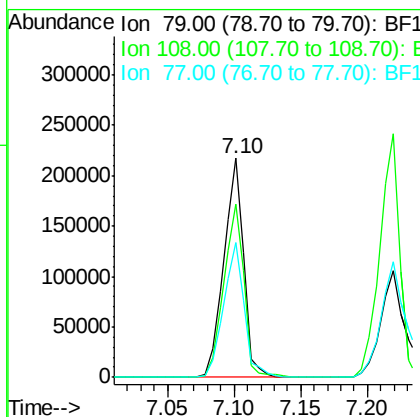
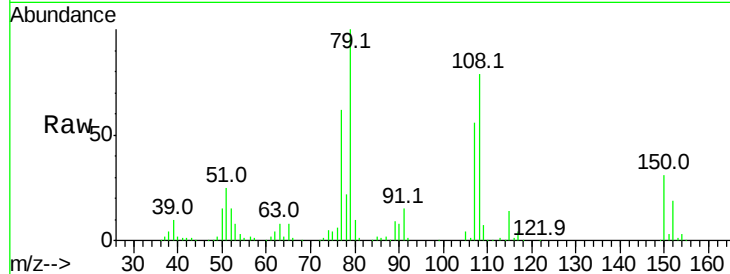
#15
Benzyl Alcohol
Concen: 41.213 ng
RT: 7.10 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110380BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.5	65.1	97.7
77	61.7	50.6	75.8

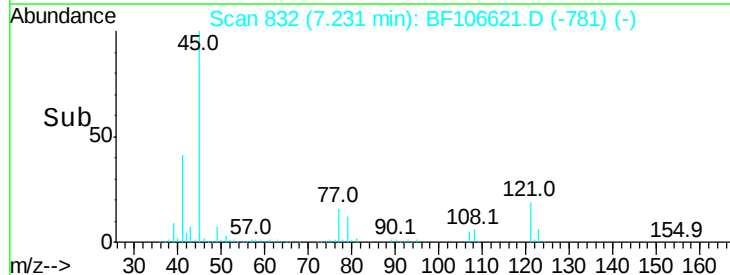
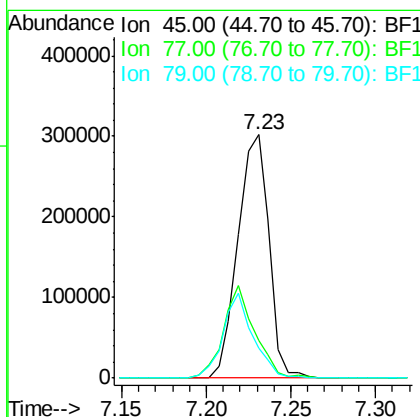
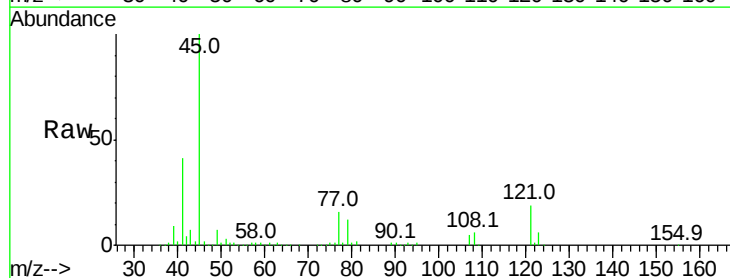
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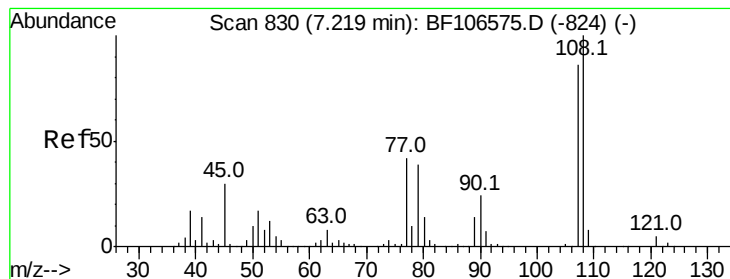
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#16
2,2'-oxybis(1-chloropropane)
Concen: 45.325 ng
RT: 7.23 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	32.9
79	12.4	0.0	29.6





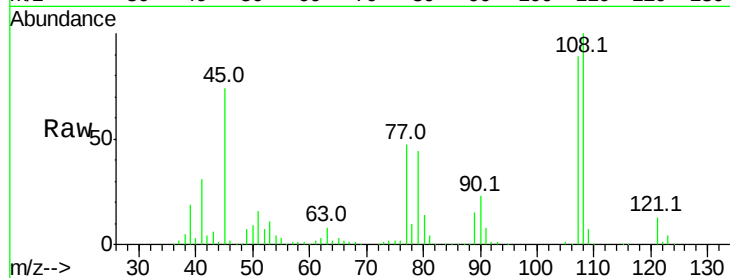
#17
2-Methylphenol
Concen: 42.056 ng
RT: 7.22 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110380BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	91.7	137.5	
77	53.4	33.8	50.8#	
79	49.2	33.8	50.8	

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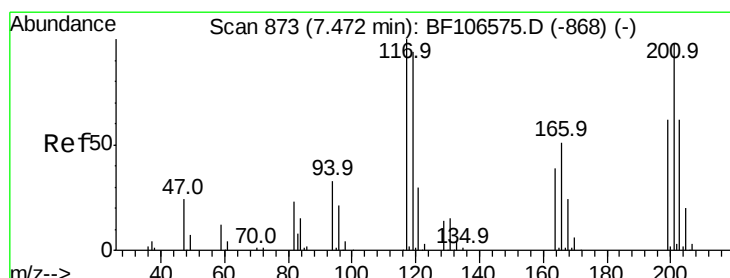
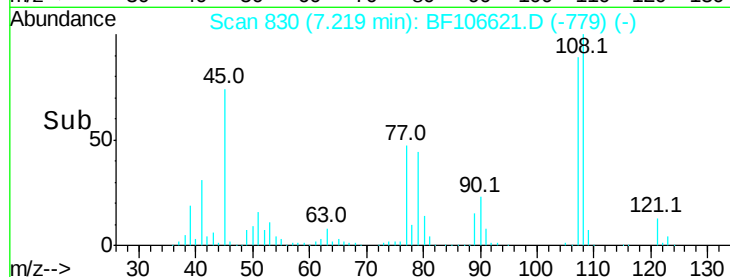
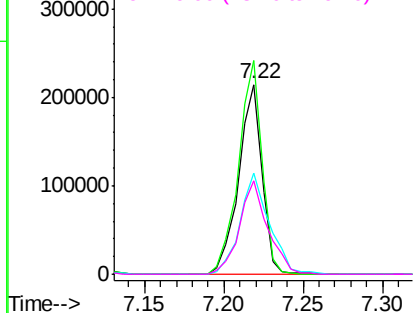
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

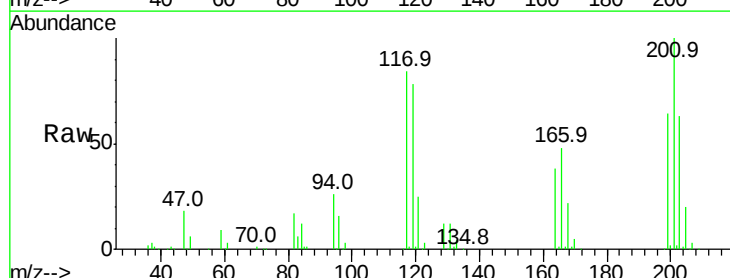
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 40.846 ng
RT: 7.47 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.2	75.8	113.8	
201	119.0	75.7	113.5#	

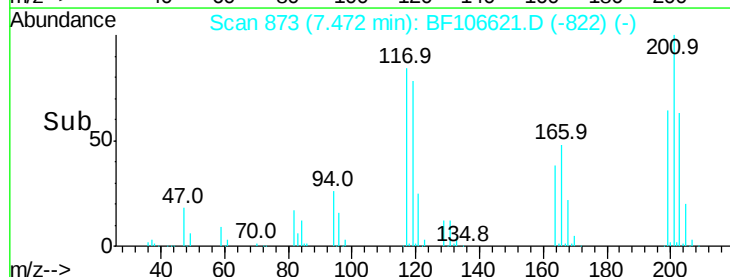
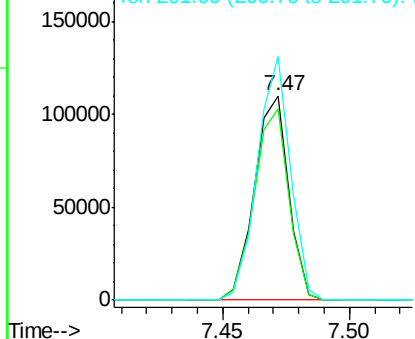


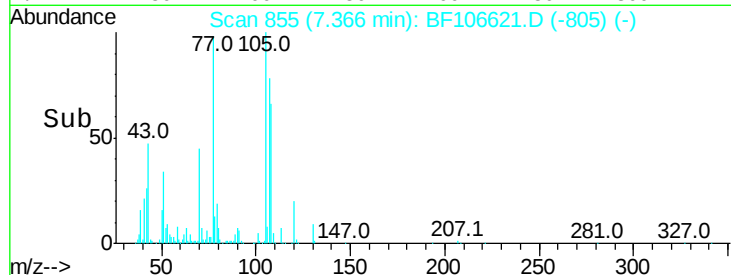
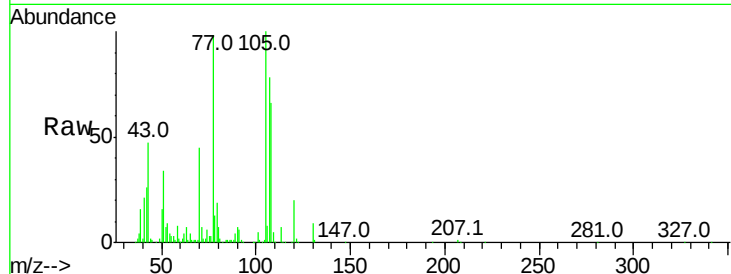
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





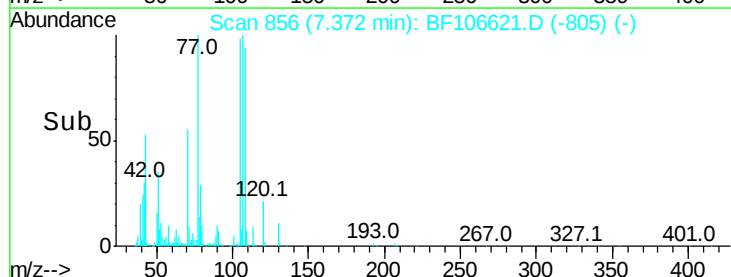
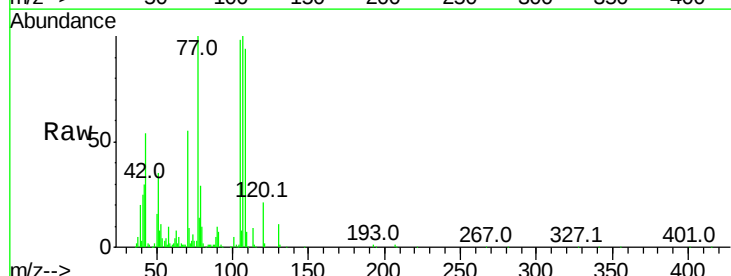
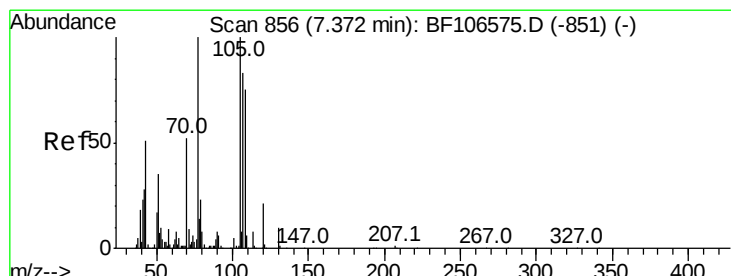
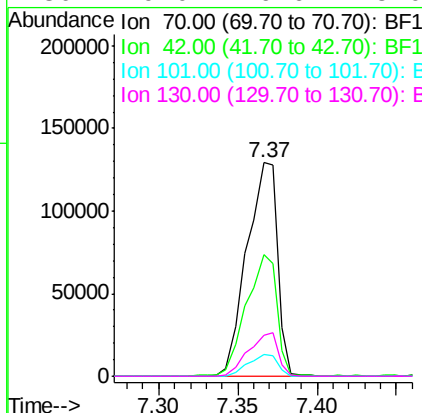
#19
n-Nitroso-di-n-propylamine
Concen: 38.269 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110380BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.7	47.5	71.3
101	10.4	7.4	11.2
130	19.0	16.6	25.0

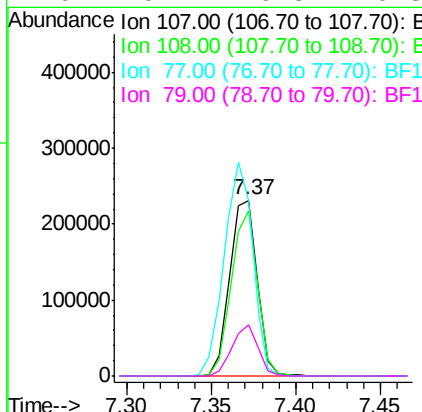
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#20
3+4-Methylphenols
Concen: 47.206 ng
RT: 7.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.3	68.2	108.2
77	99.5	26.7	66.7#
79	29.1	6.3	46.3





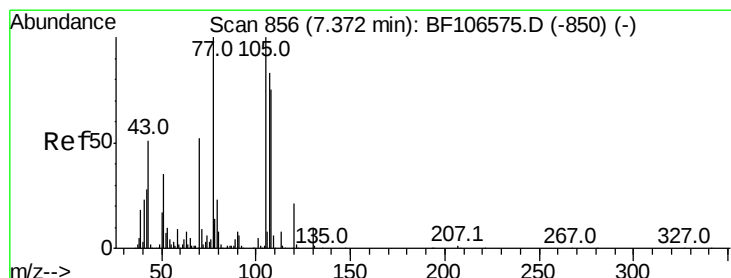
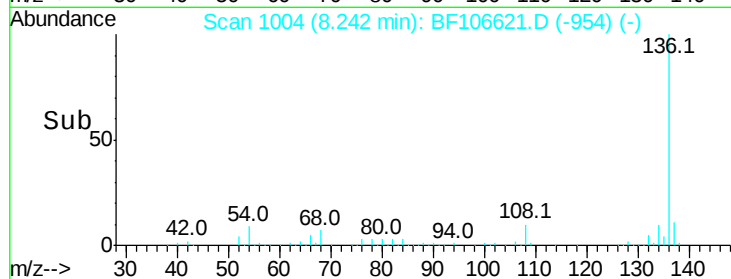
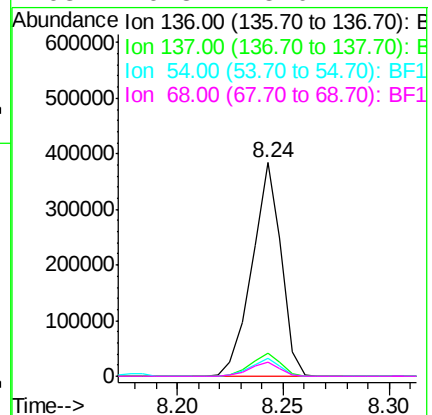
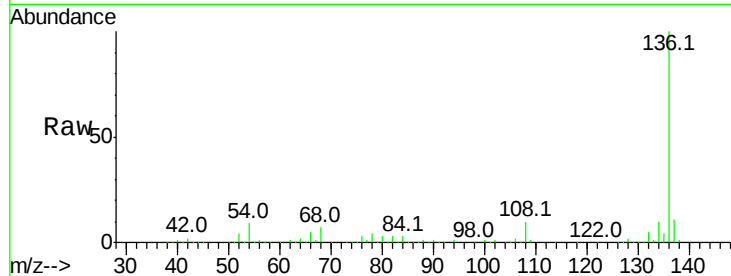
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110380BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	8.5	6.6	9.8	
68	6.8	5.0	7.4	

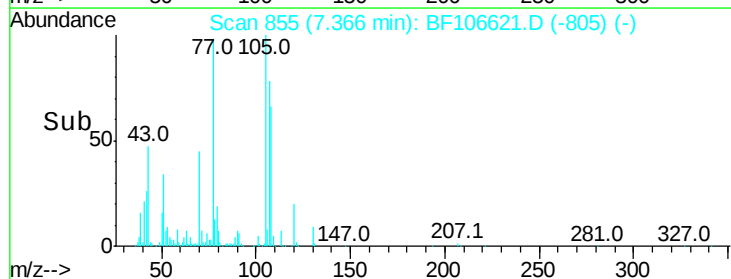
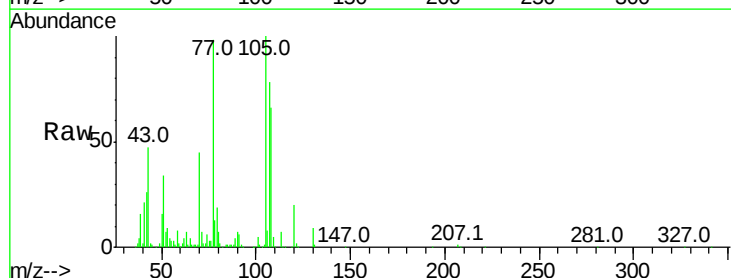
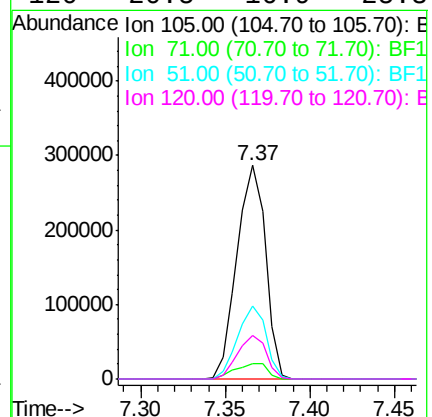
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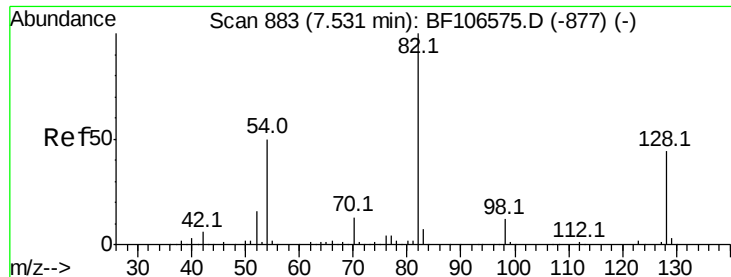
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#22
Acetophenone
Concen: 41.530 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.5	4.4	6.6#	
51	33.9	22.3	33.5#	
120	20.5	16.9	25.3	





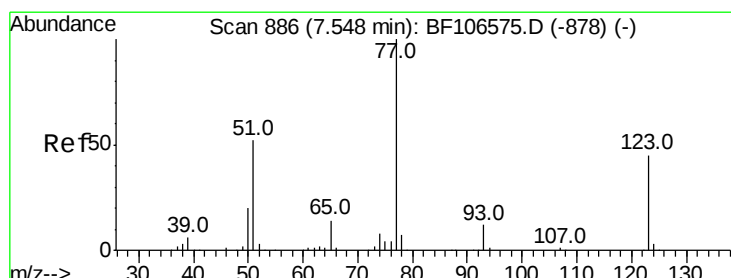
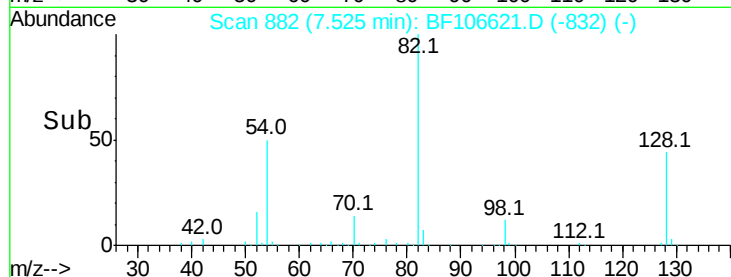
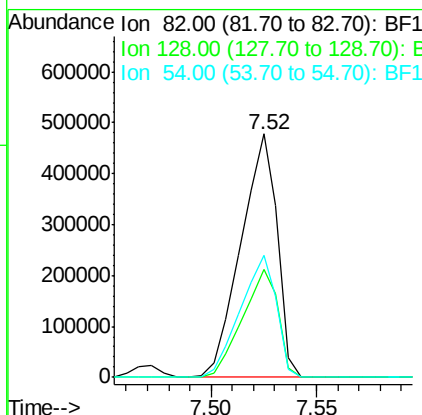
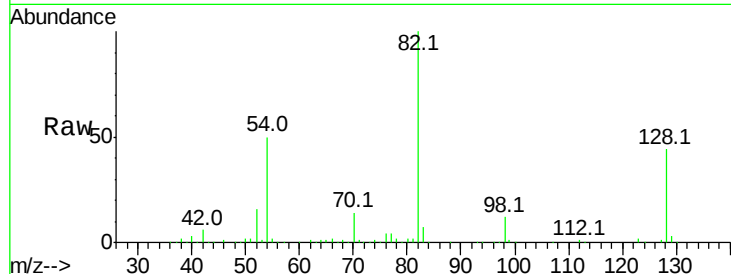
#23
Nitrobenzene-d5
Concen: 86.236 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110380BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.1	54.1
54	50.2	41.4	62.2

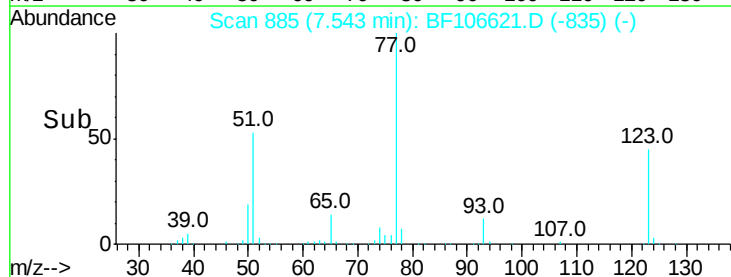
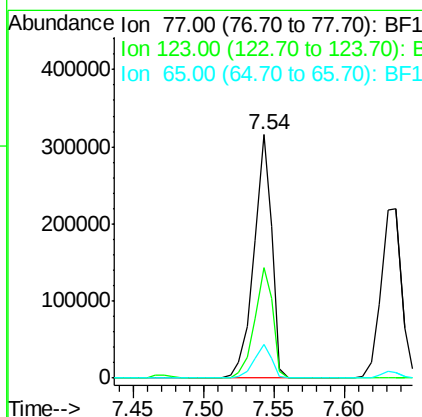
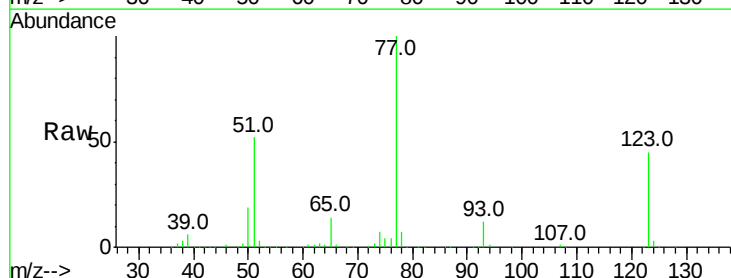
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#24
Nitrobenzene
Concen: 41.930 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.2	37.9	56.9
65	13.9	11.0	16.4





#25

Isophorone

Concen: 45.081 ng

RT: 7.78 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

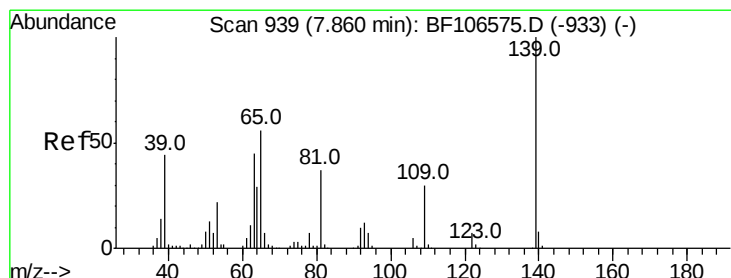
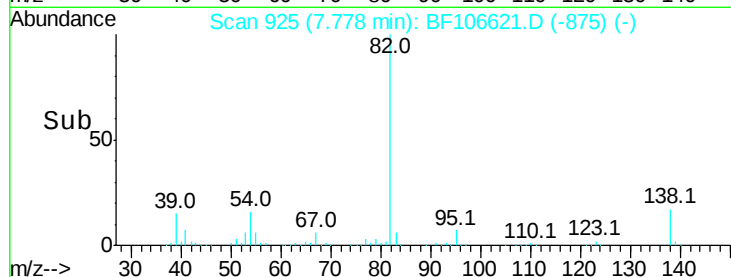
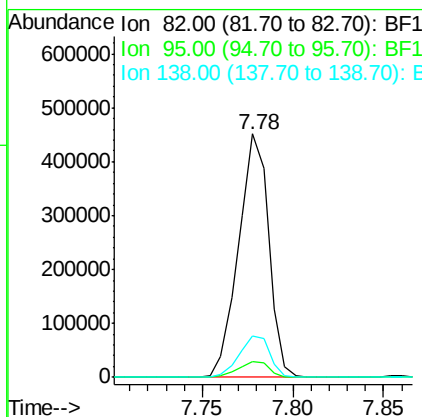
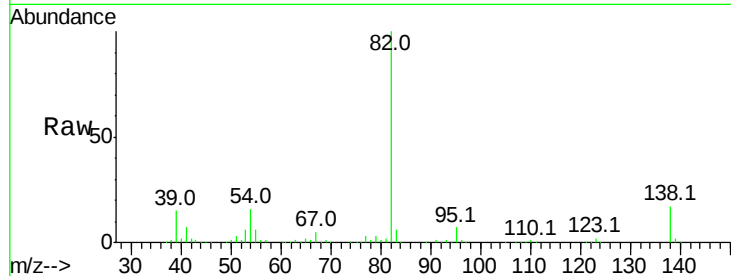
ClientSampleId :

PB110380BS

Tot Ion:	82	Resp:	522405
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	17.2	14.9	22.3

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#26

2-Nitrophenol

Concen: 44.862 ng

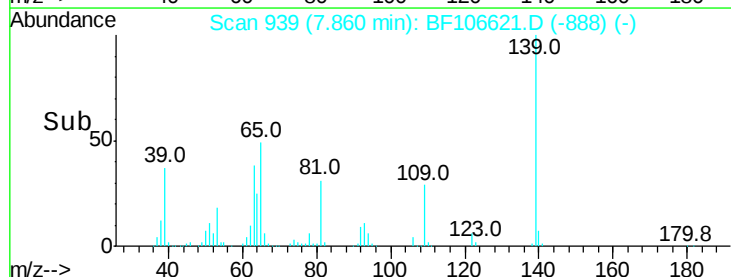
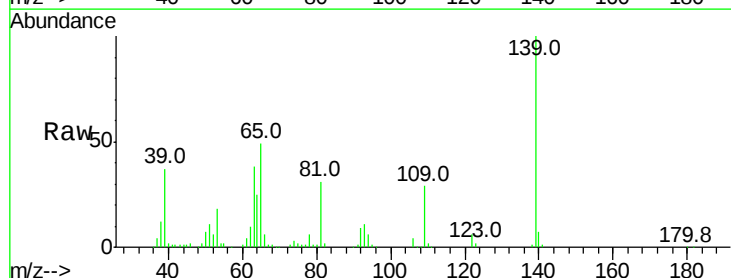
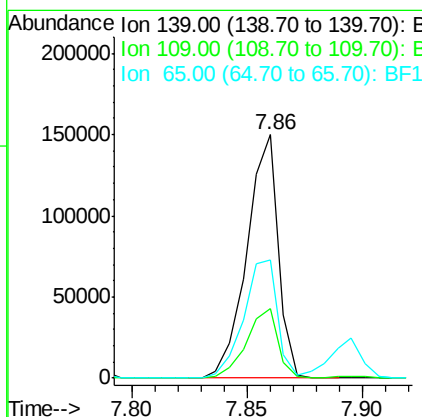
RT: 7.86 min Scan# 939

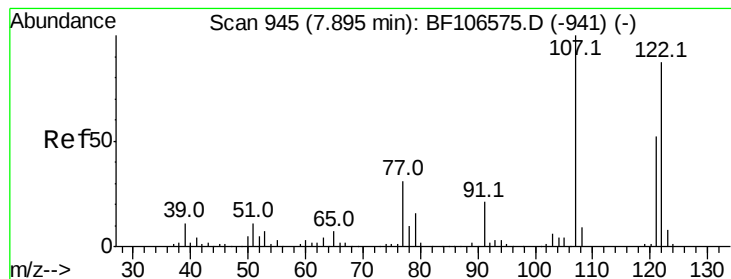
Delta R.T. 0.00 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Tgt Ion:	139	Resp:	142188
Ion Ratio	Lower	Upper	
139	100		
109	28.5	22.7	34.1
65	48.7	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 48.009 ng

RT: 7.90 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

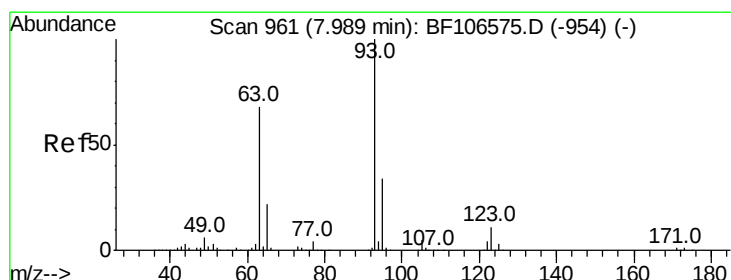
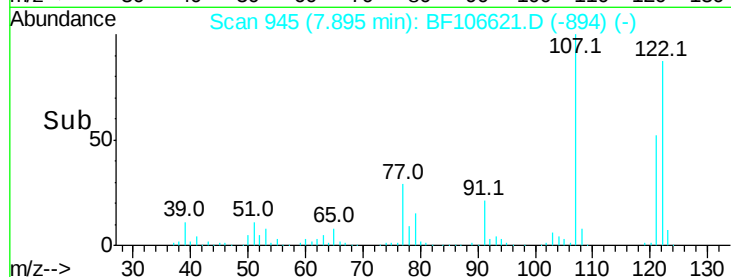
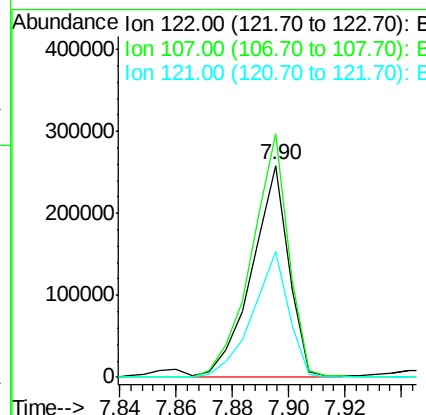
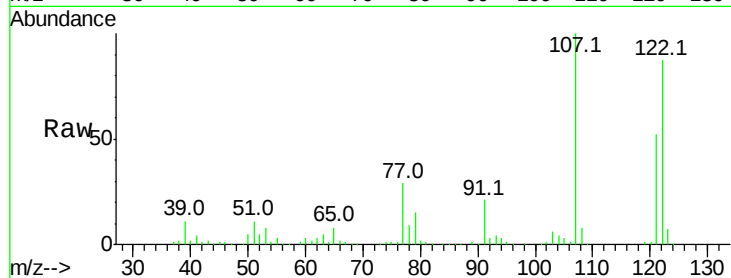
ClientSampleId :

PB110380BS

Tot Ion:	122	Resp:	235188
Ion Ratio	Lower	Upper	
122	100		
107	114.9	91.2	136.8
121	59.3	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 42.142 ng

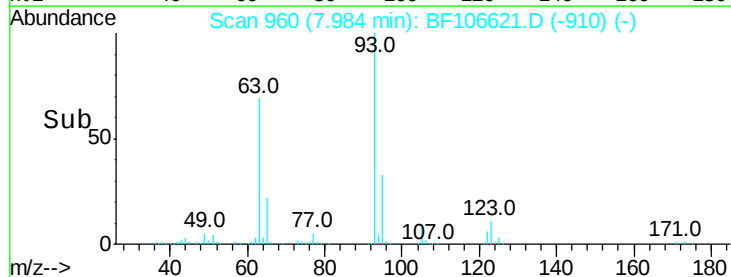
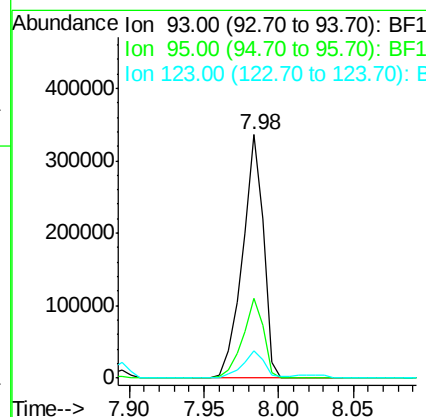
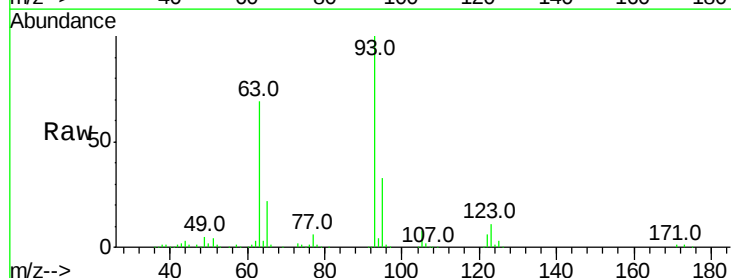
RT: 7.98 min Scan# 960

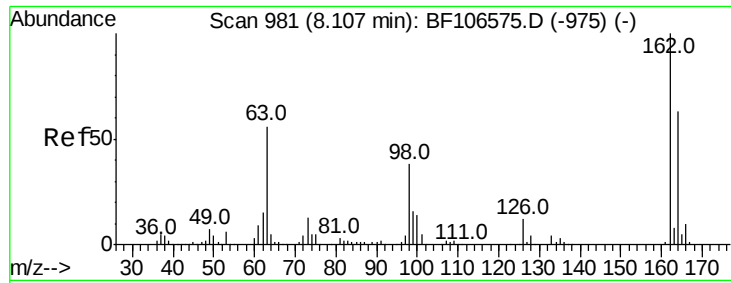
Delta R.T. -0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Tgt Ion:	93	Resp:	327886
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.3	39.5
123	11.0	9.8	14.6





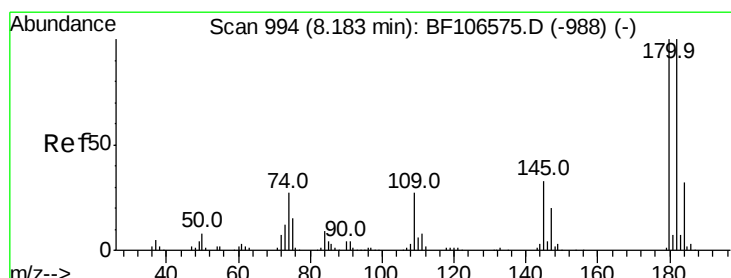
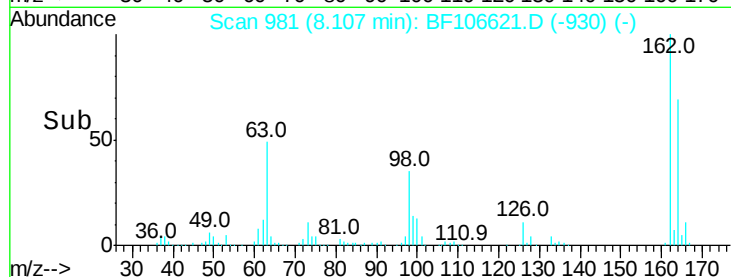
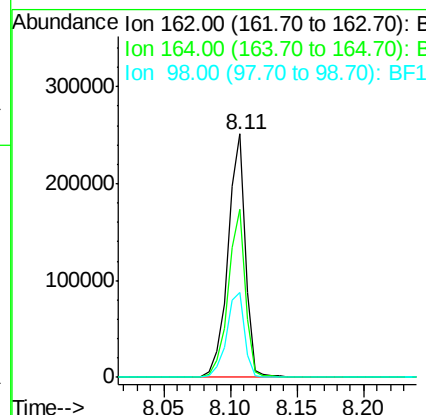
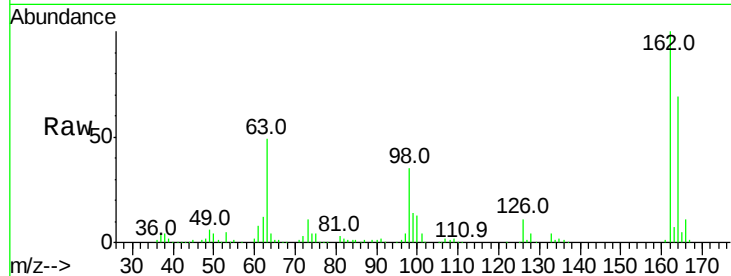
#29
2,4-Dichlorophenol
Concen: 45.479 ng
RT: 8.11 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110380BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	68.8	42.7	82.7
98	34.7	18.1	58.1

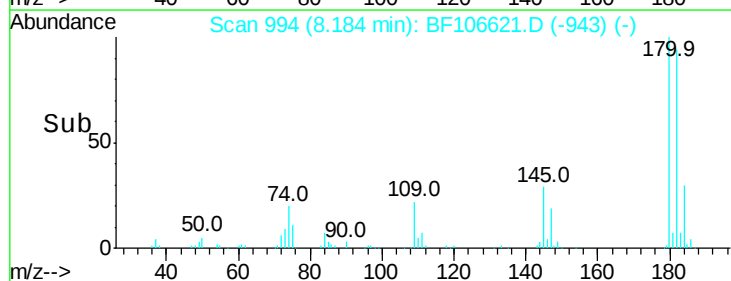
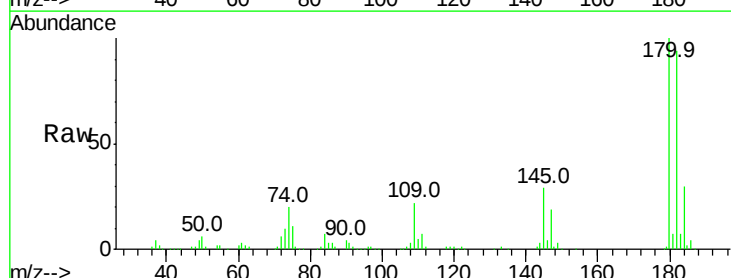
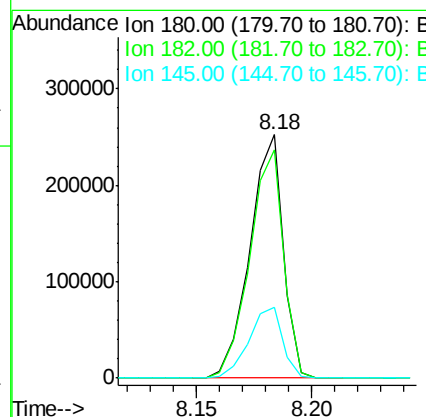
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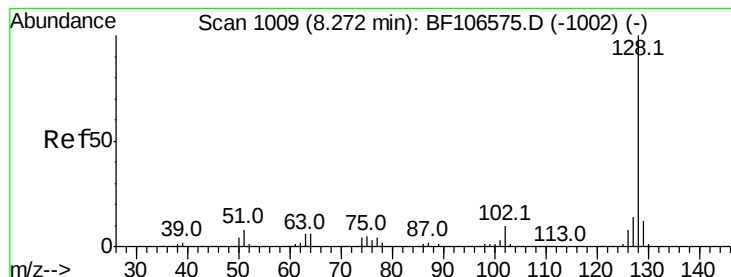
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#30
1,2,4-Trichlorobenzene
Concen: 45.079 ng
RT: 8.18 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.6	76.8	115.2
145	29.2	26.5	39.7





#31

Naphthalene

Concen: 42.455 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

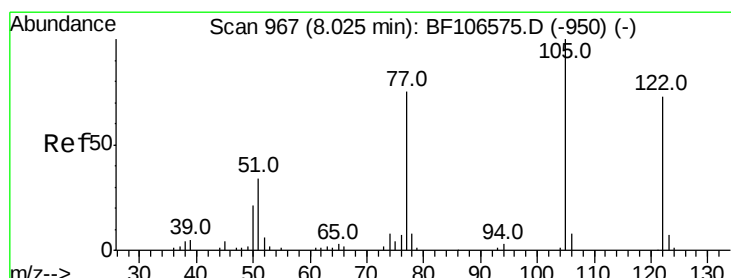
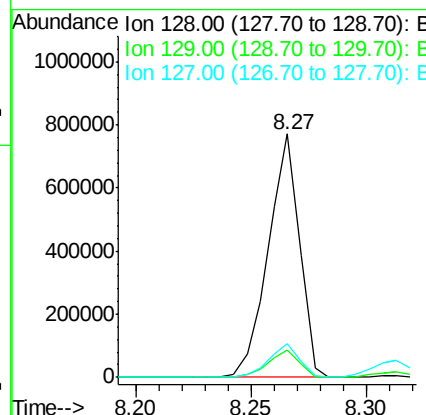
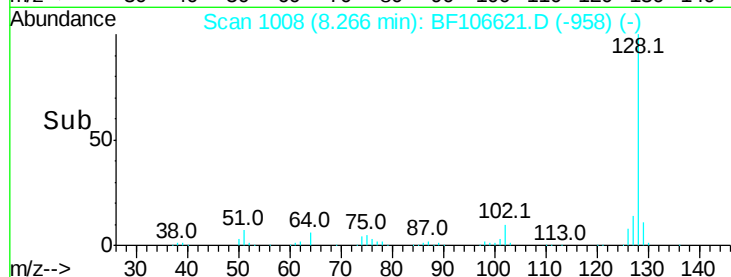
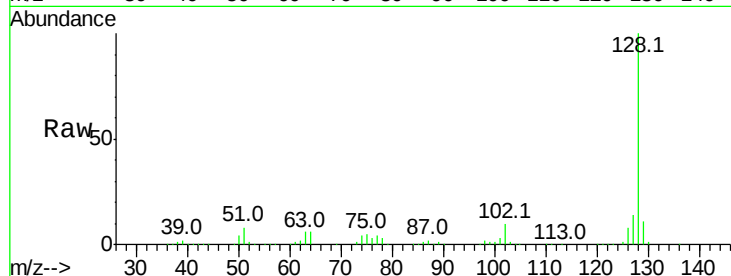
ClientSampleId :

PB110380BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.9	10.9	16.3

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#32

Benzoic acid

Concen: 45.809 ng

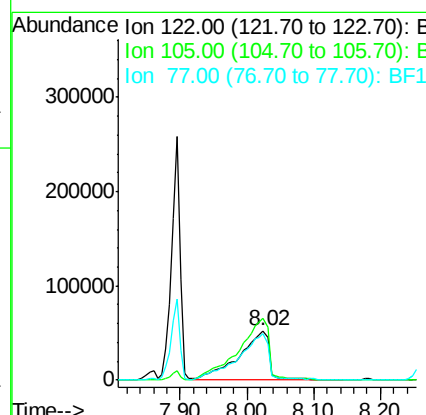
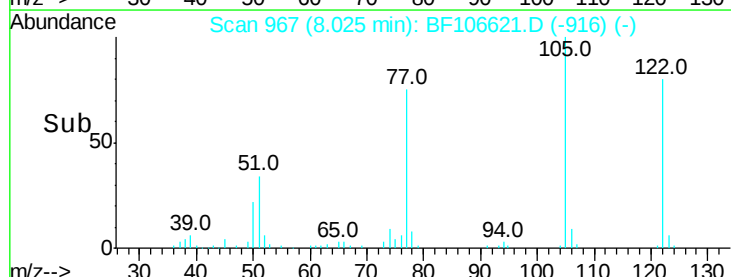
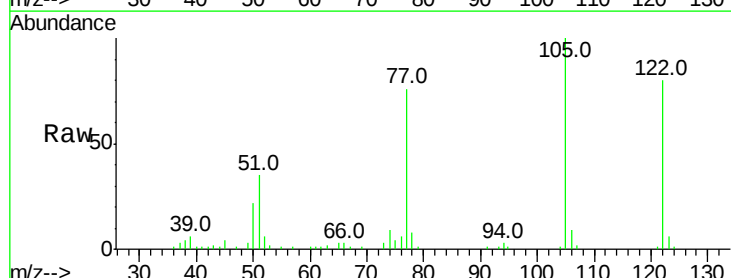
RT: 8.02 min Scan# 967

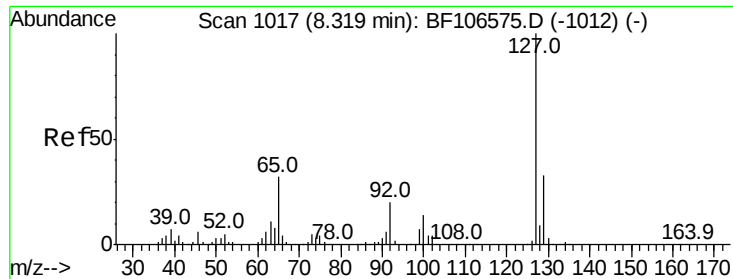
Delta R.T. 0.00 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.2	101.1	141.1
77	95.7	70.7	110.7





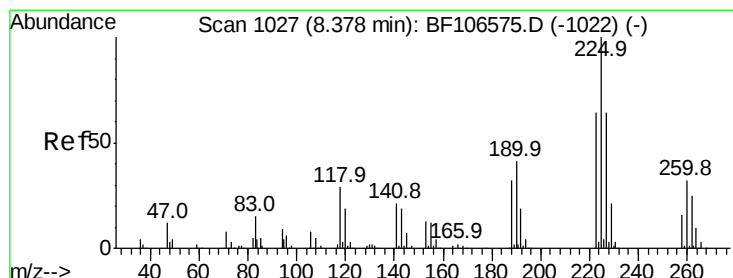
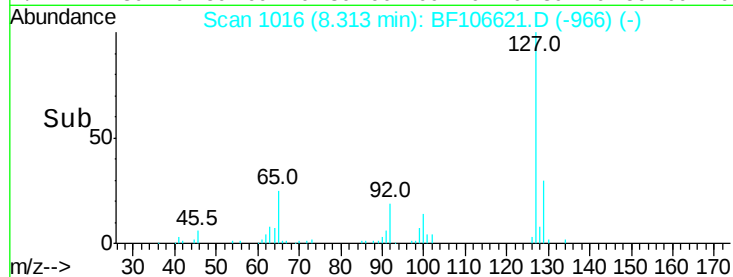
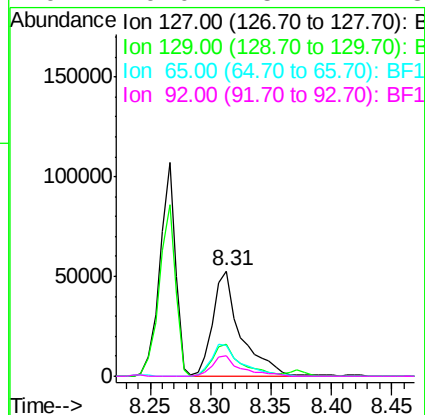
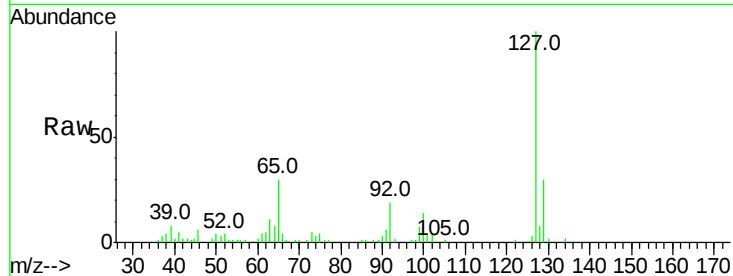
#33
4-Chloroaniline
Concen: 11.738 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110380BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.4	25.9	38.9		
65	29.6	25.0	37.4		
92	19.0	15.2	22.8		

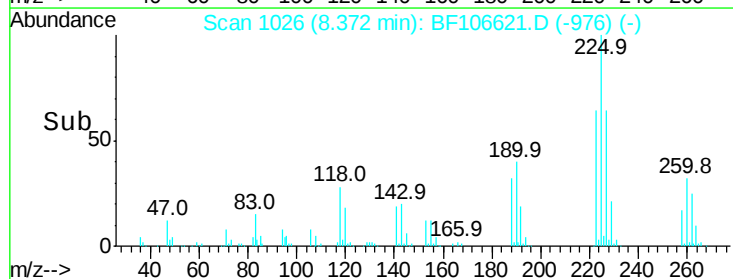
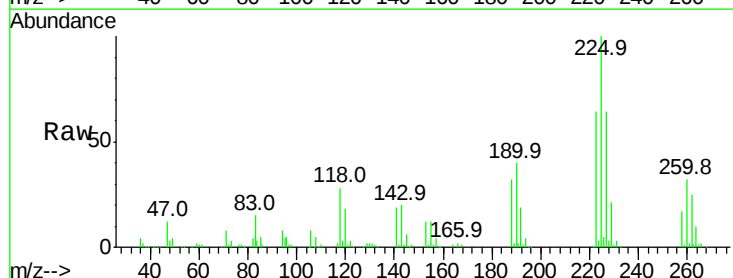
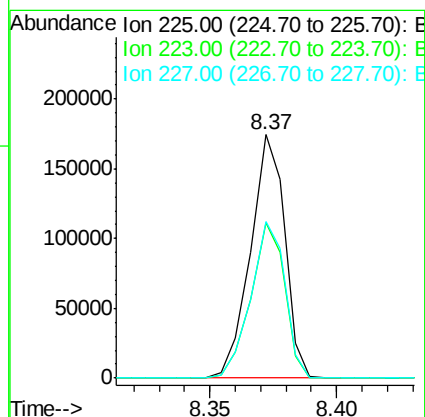
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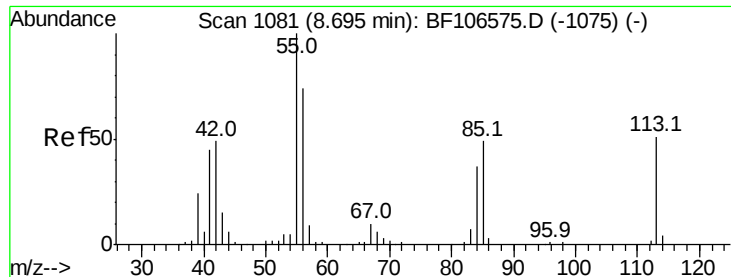
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#34
Hexachlorobutadiene
Concen: 44.589 ng
RT: 8.37 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

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





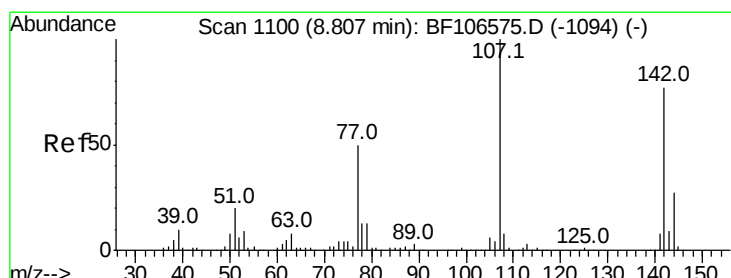
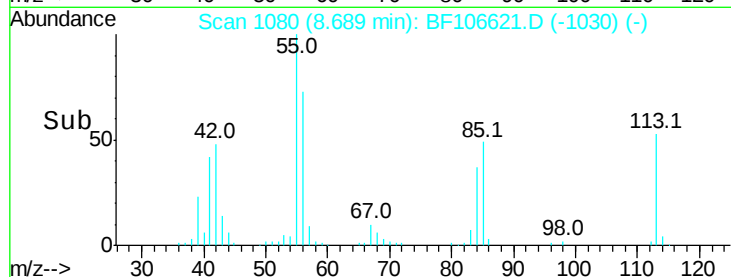
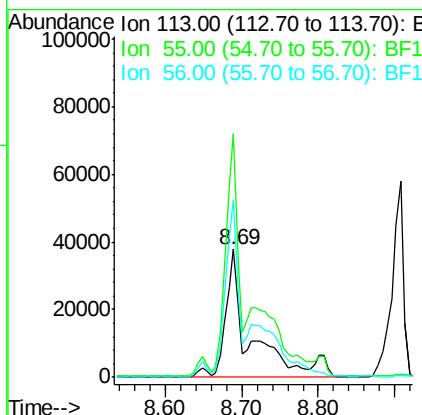
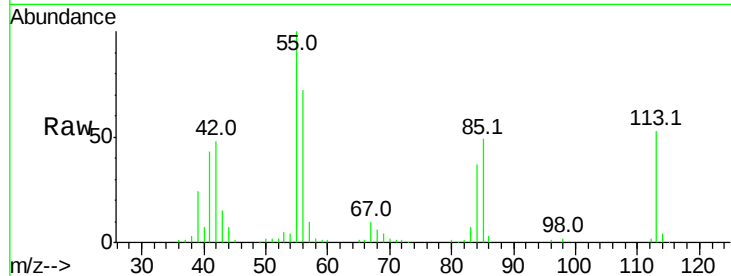
#35
 Caprolactam
 Concen: 50.760 ng/ml
 RT: 8.69 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Instrument :
 BNA_F
 ClientSampleID :
 PB110380BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	190.3	163.3	203.3
56	137.9	115.7	155.7

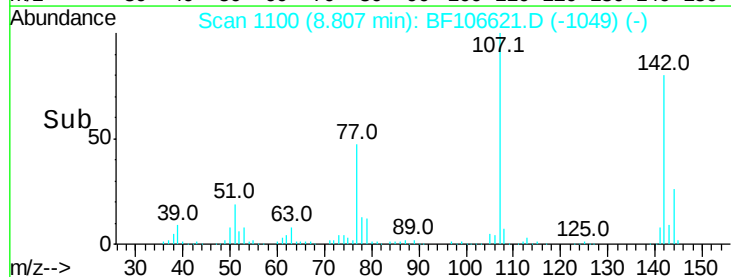
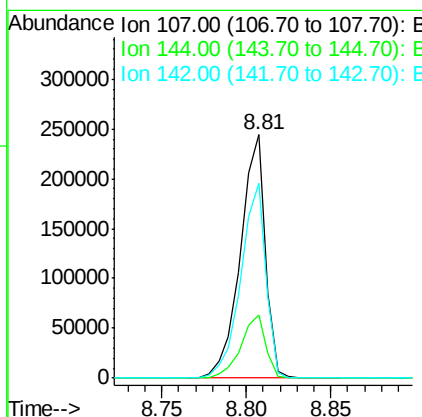
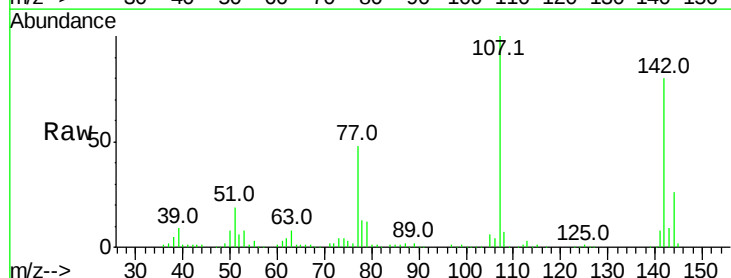
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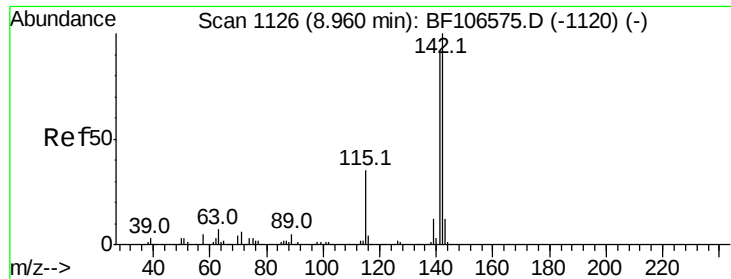
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#36
 4-Chloro-3-methylphenol
 Concen: 46.648 ng/ml
 RT: 8.81 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	20.5	30.7
142	80.0	62.0	93.0





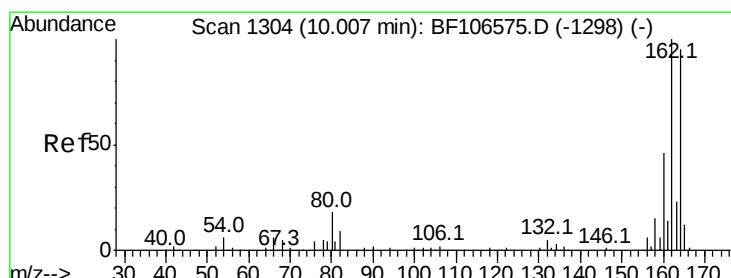
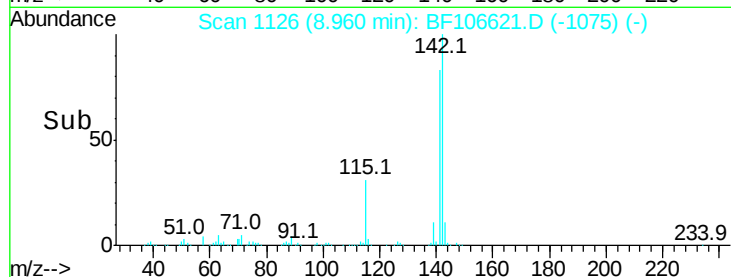
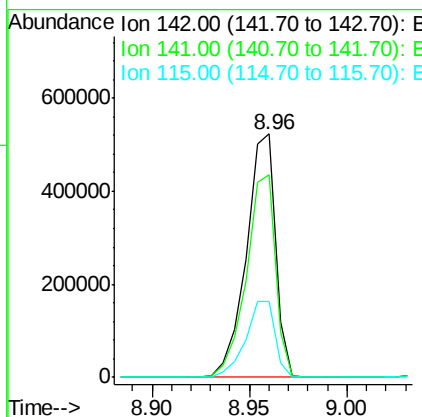
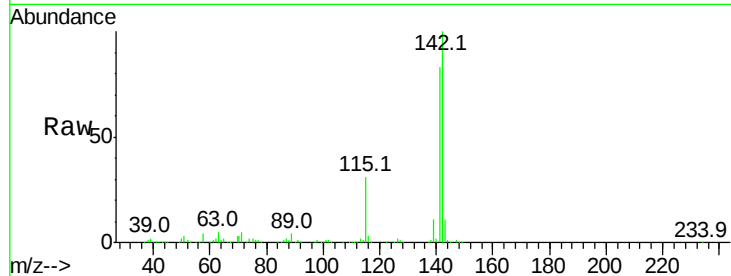
#37
2-Methylnaphthalene
Concen: 48.099 ng
RT: 8.96 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110380BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	544733		
141	83.3		70.8	106.2
115	31.0		26.1	39.1

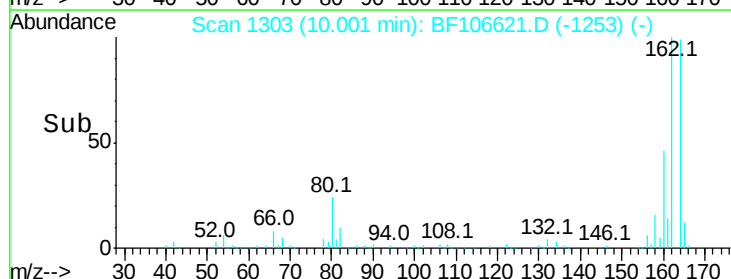
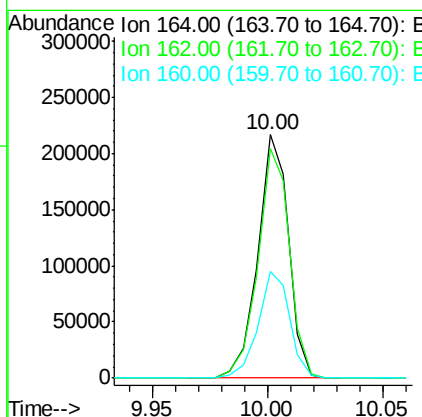
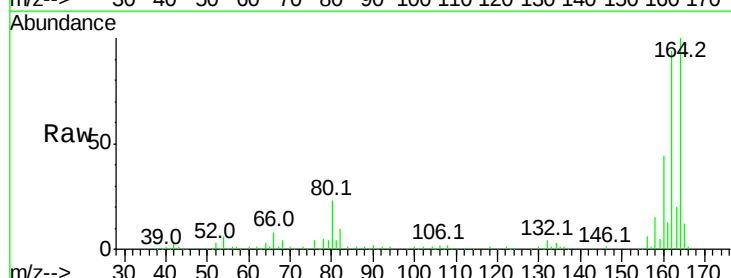
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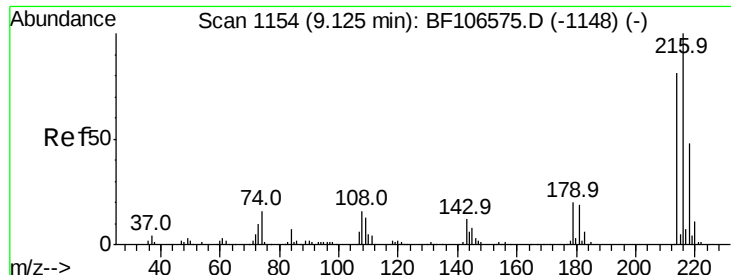
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	201108		
162	94.5		86.1	129.1
160	43.7		38.3	57.5





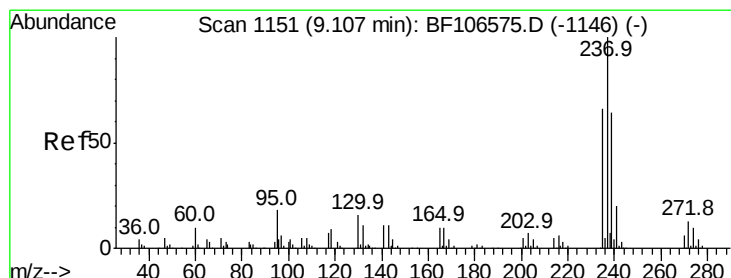
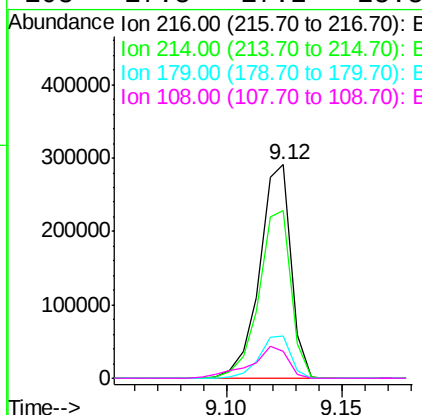
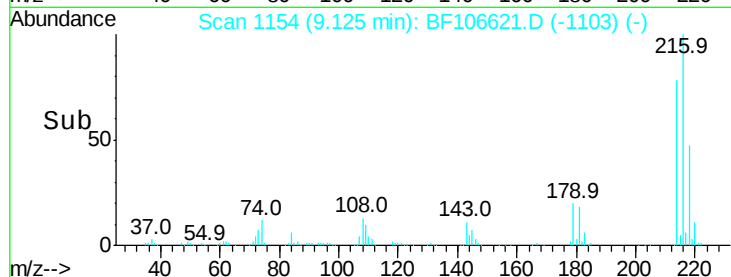
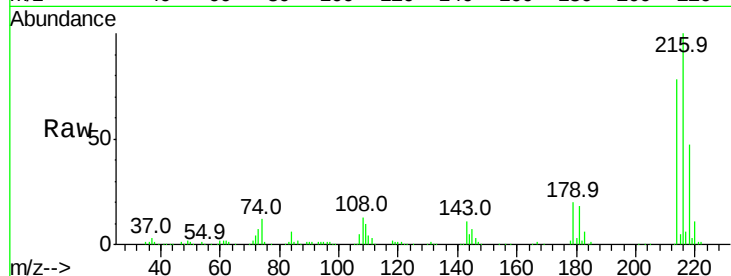
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.959 ng
 RT: 9.12 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110380BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	277400		
214	79.6	63.0	94.4	
179	20.0	18.1	27.1	
108	17.8	17.2	25.8	

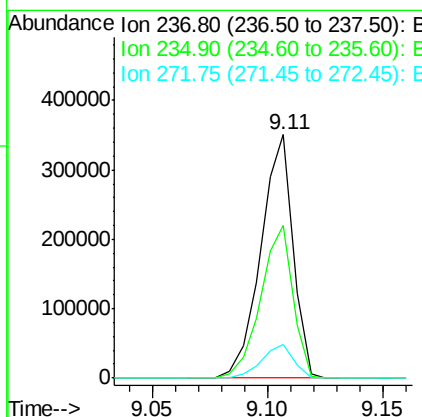
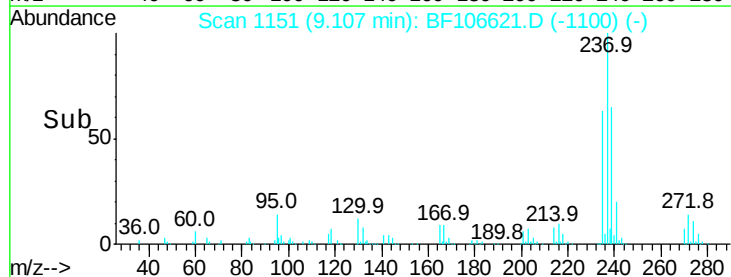
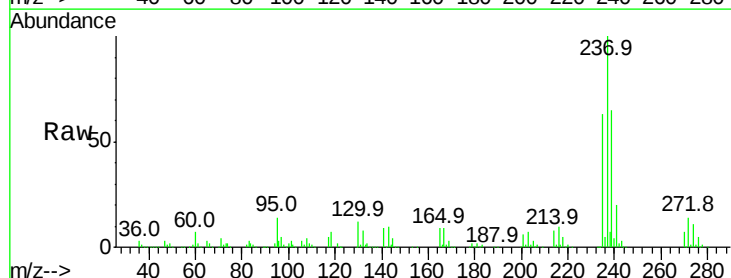
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#40
 Hexachlorocyclopentadiene
 Concen: 97.484 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	339686		
235	62.9	44.8	84.8	
272	13.7	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 138.683 ng

RT: 10.80 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

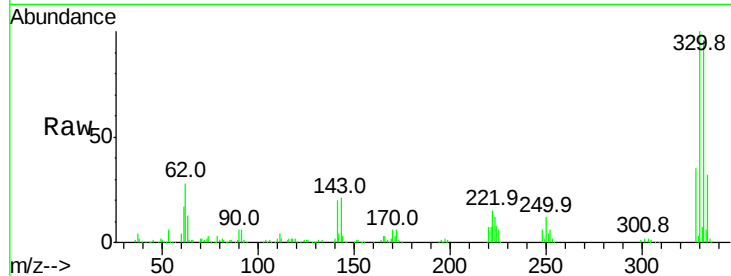
ClientSampleId :

PB110380BS

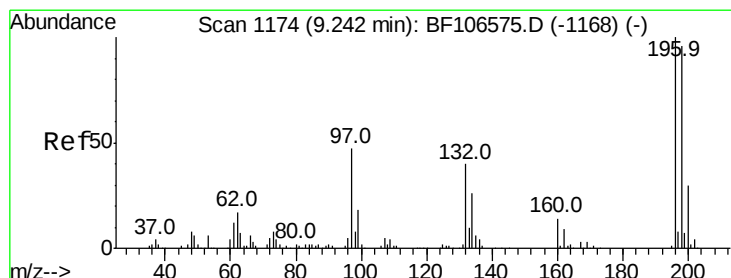
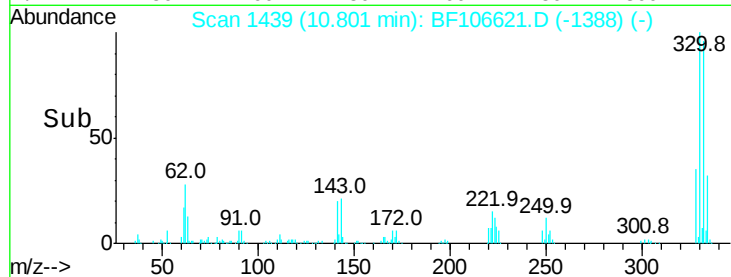
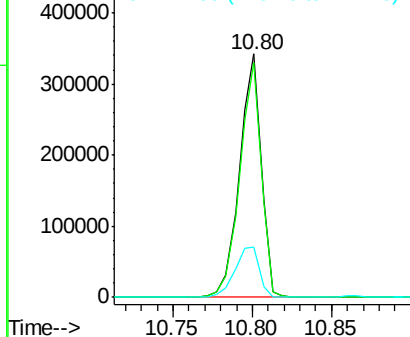
Tot Ion:	330	Resp:	323255
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.0	115.6
141	23.5	29.9	44.9#

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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: 39.314 ng

RT: 9.24 min Scan# 1173

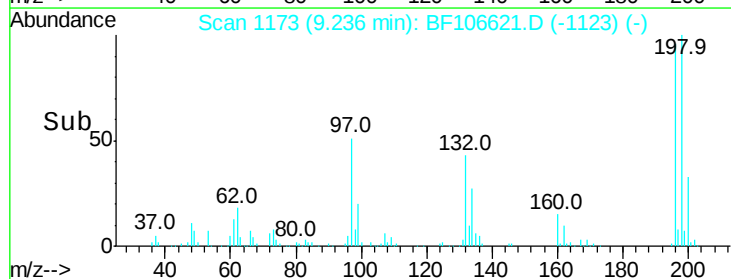
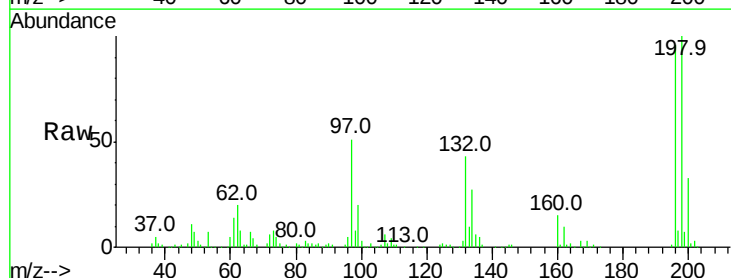
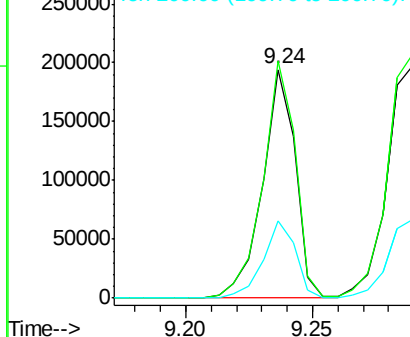
Delta R.T. -0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Tgt Ion:	196	Resp:	176990
Ion Ratio	Lower	Upper	
196	100		
198	103.7	75.7	113.5
200	33.9	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





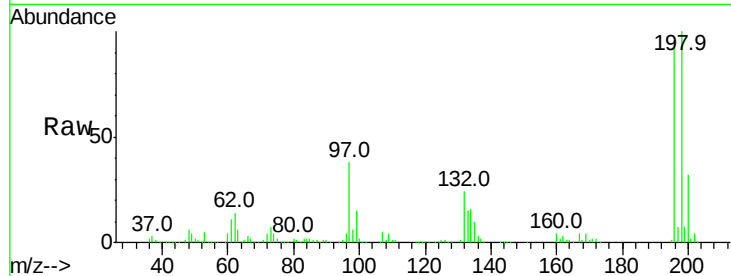
#43
 2,4,5-Trichlorophenol
 Concen: 40.253 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110380BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	189094		
198	104.7	74.6	112.0	
97	40.0	42.9	64.3	#
132	25.4	26.3	39.5	#

Manual Integrations
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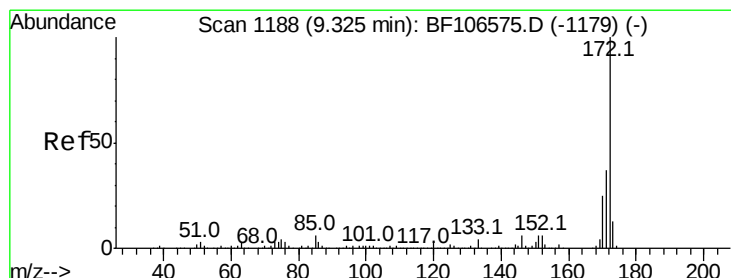
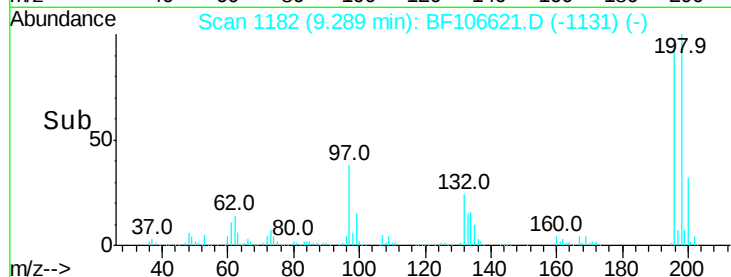
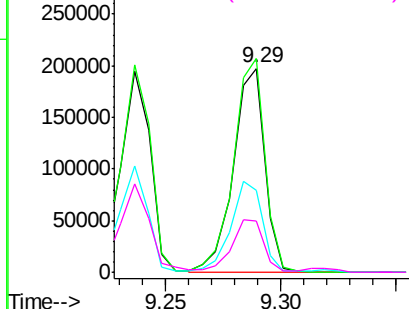
Abundance

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: 88.144 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

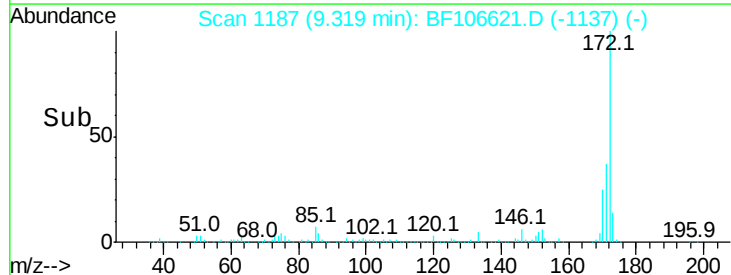
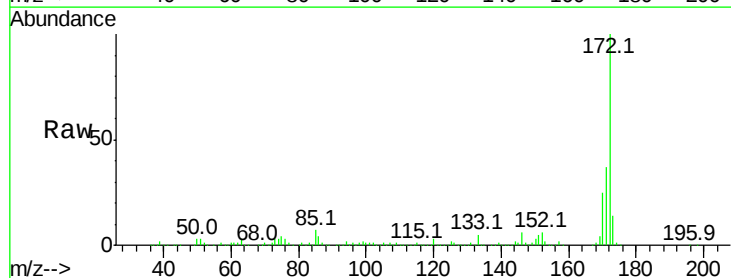
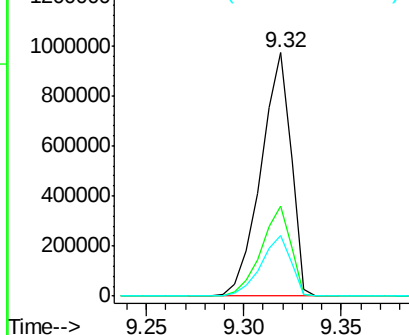
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1040789		
171	37.1	29.7	44.5	
170	25.1	19.6	29.4	

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: 40.064 ng

RT: 9.42 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

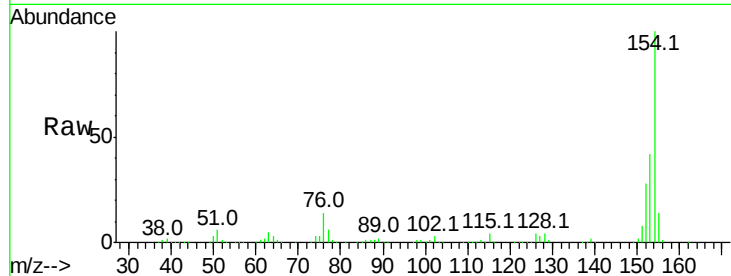
ClientSampled :

PB110380BS

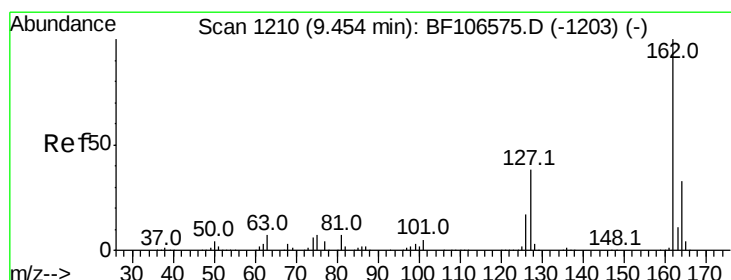
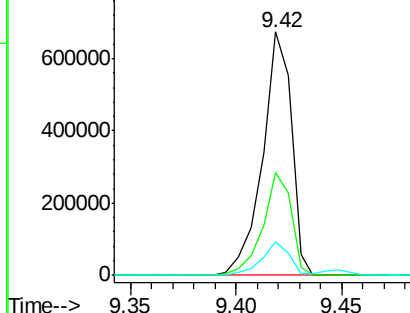
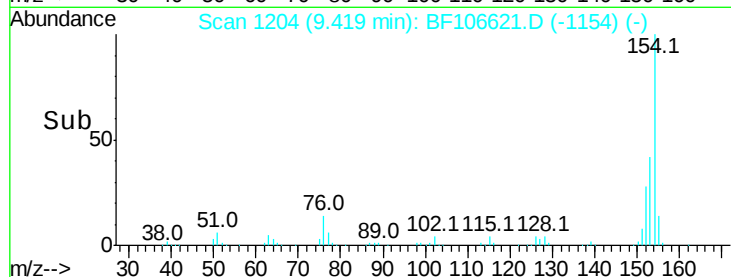
Tot Ion:	154	Resp:	642114
Ion Ratio	Lower	Upper	
154	100		
153	42.2	21.3	61.3
76	13.7	0.0	34.0

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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: 38.247 ng

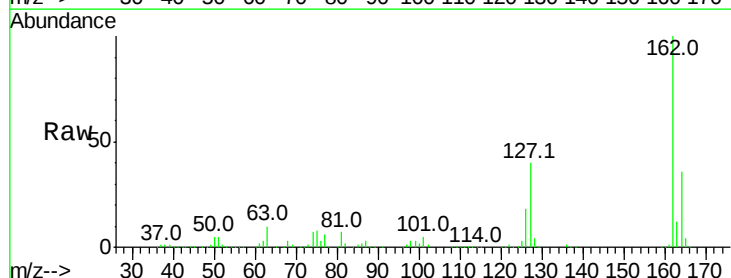
RT: 9.45 min Scan# 1209

Delta R.T. -0.01 min

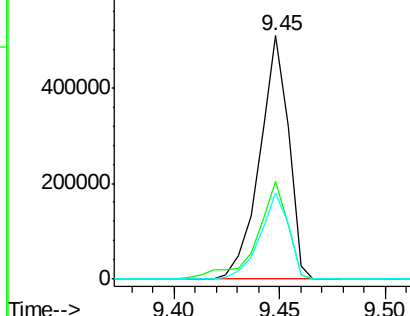
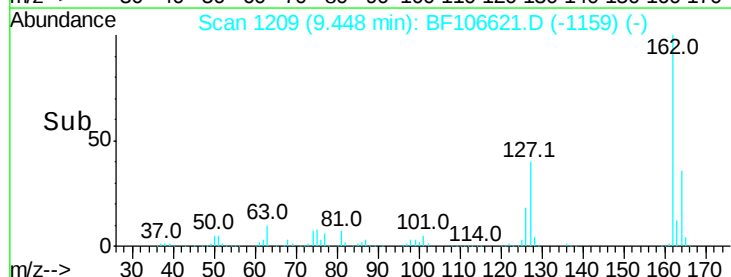
Lab File: BF106621.D

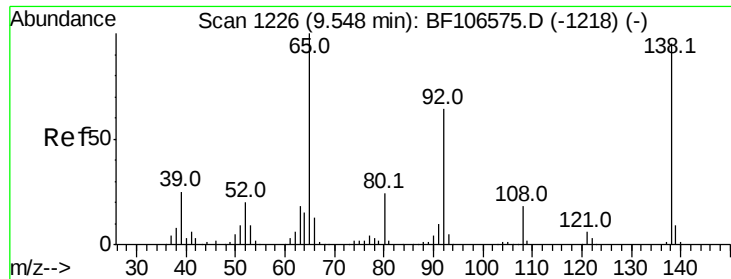
Acq: 20 Jun 2018 16:02

Tgt Ion:	162	Resp:	482516
Ion Ratio	Lower	Upper	
162	100		
127	40.1	33.9	50.9
164	35.5	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





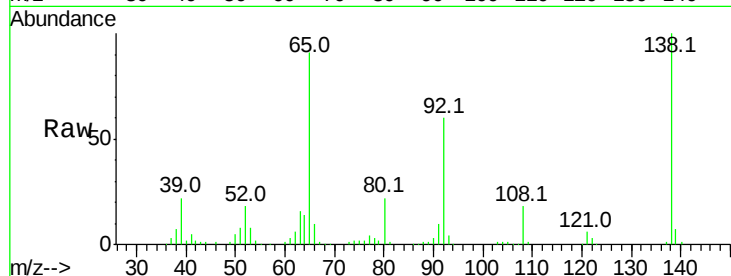
#47
2-Nitroaniline
Concen: 38.602 ng
RT: 9.55 min Scan# 1226
Delta R.T. 0.00 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110380BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.1	55.8	83.6
138	109.7	91.2	136.8

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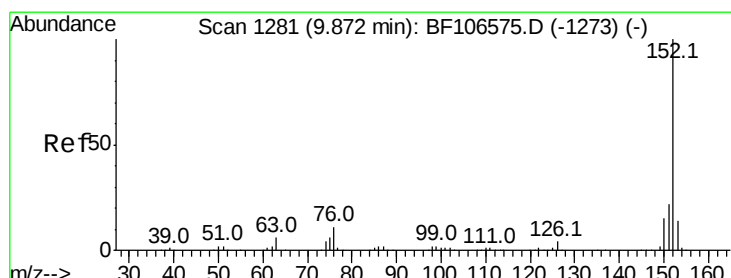
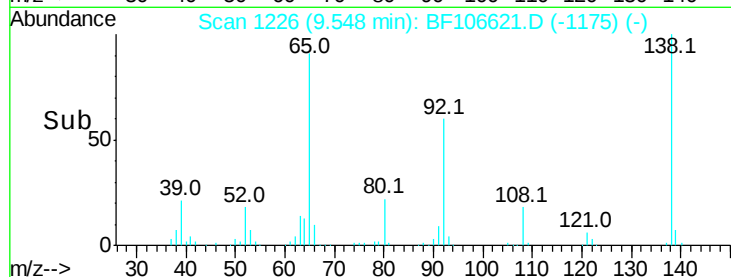
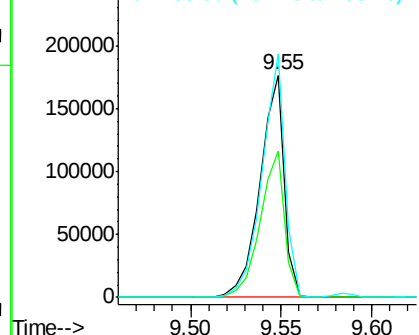


Abundance

Ion 65.00 (64.70 to 65.70): BF1

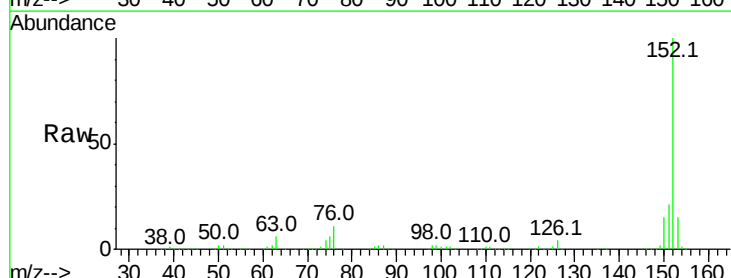
Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48
Acenaphthylene
Concen: 38.924 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	14.9	10.7	16.1

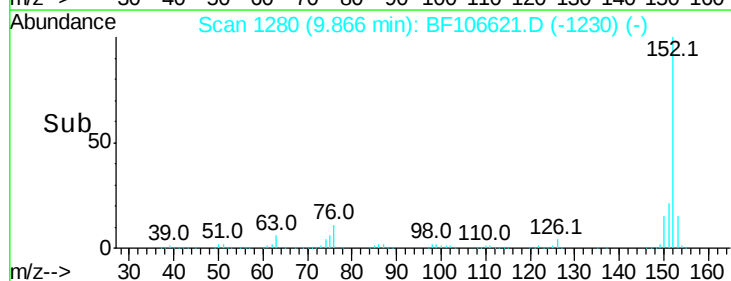
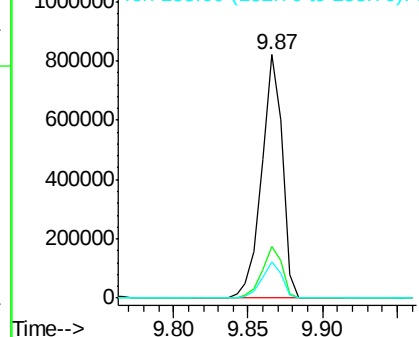


Abundance

Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1





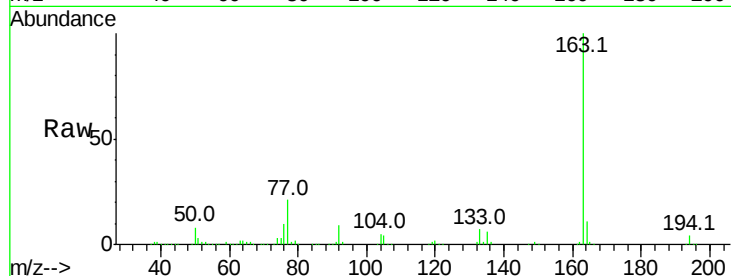
#49
Dimethylphthalate
Concen: 38.808 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110380BS

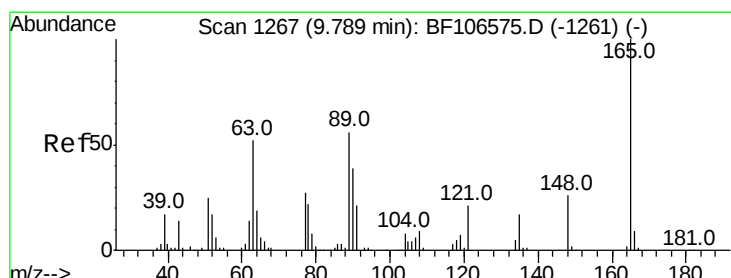
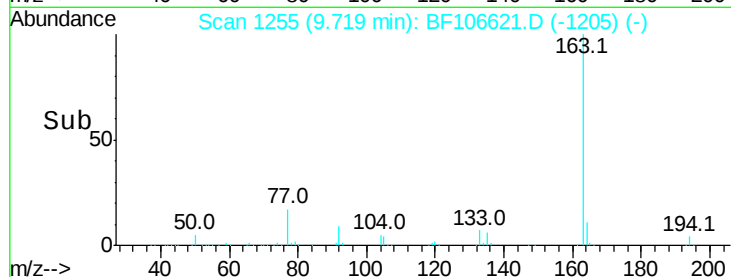
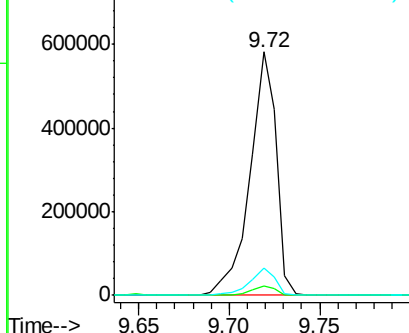
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.0	2.7	4.1
164	11.3	8.2	12.2

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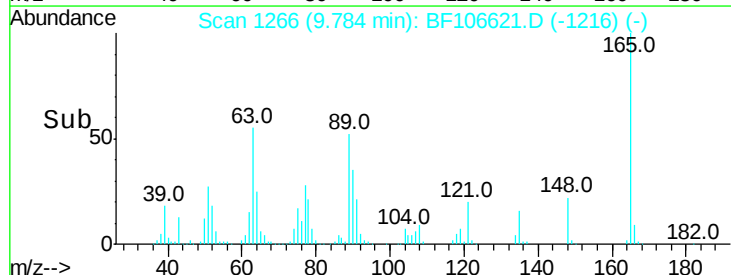
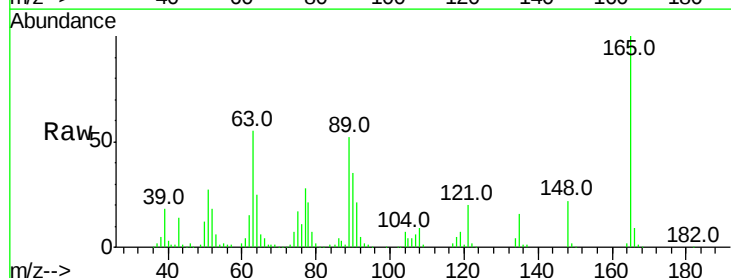
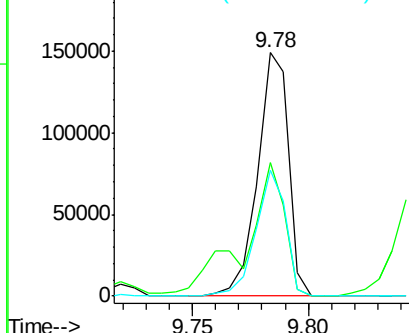
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

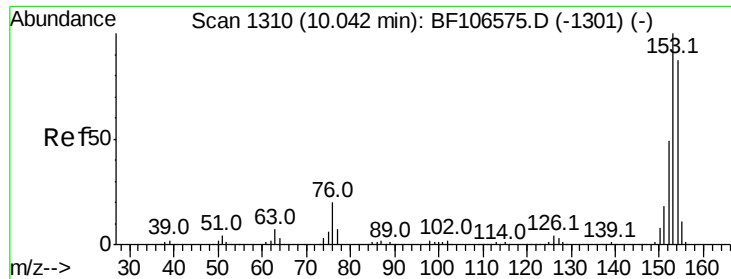


#50
2,6-Dinitrotoluene
Concen: 43.633 ng
RT: 9.78 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	54.7	44.7	67.1
89	51.7	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: 38.133 ng

RT: 10.04 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB110380BS

Tot Ion:154 Resp: 478278

Ion Ratio Lower Upper

154 100

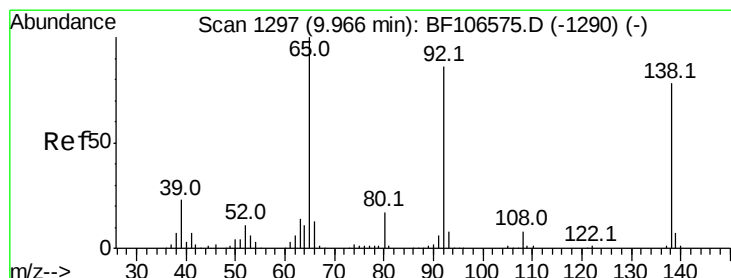
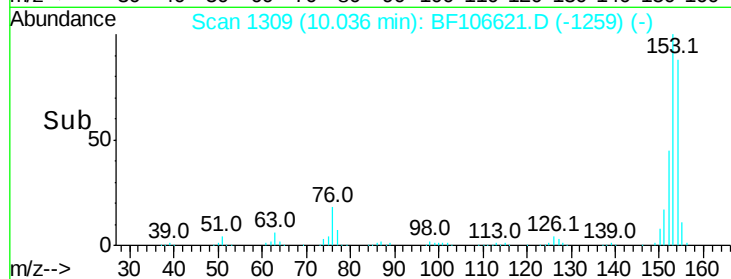
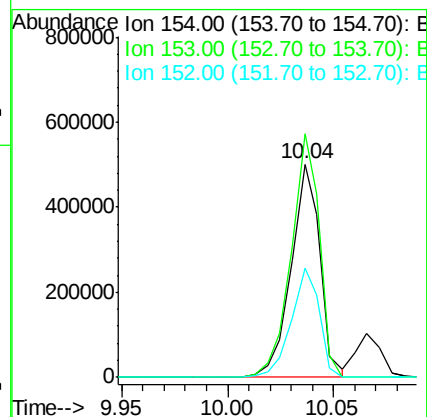
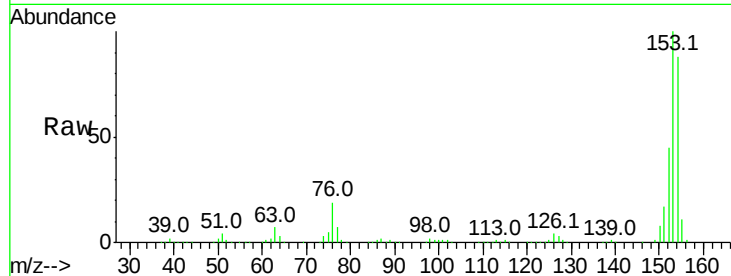
153 114.2 91.2 136.8

152 51.4 43.8 65.8

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#52

3-Nitroaniline

Concen: 18.506 ng

RT: 9.95 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

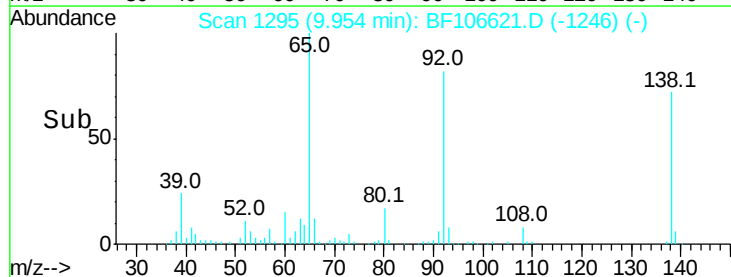
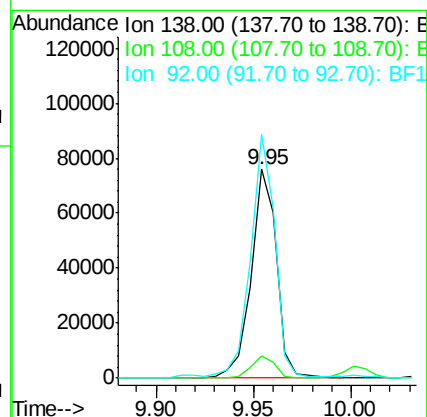
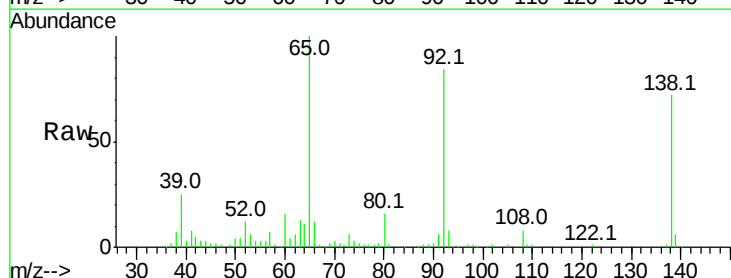
Tgt Ion:138 Resp: 68015

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

92 116.8 89.4 134.2





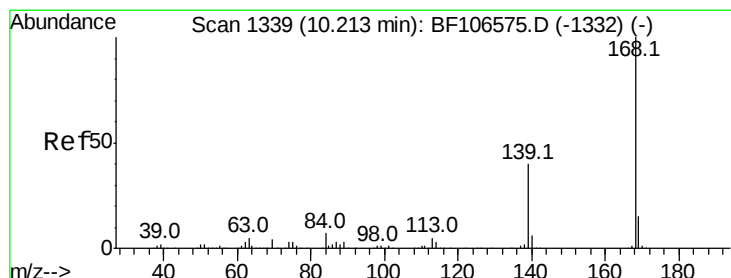
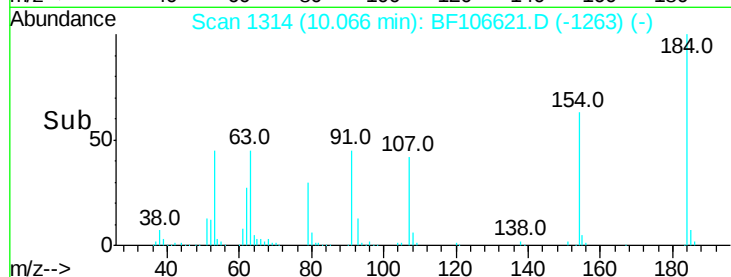
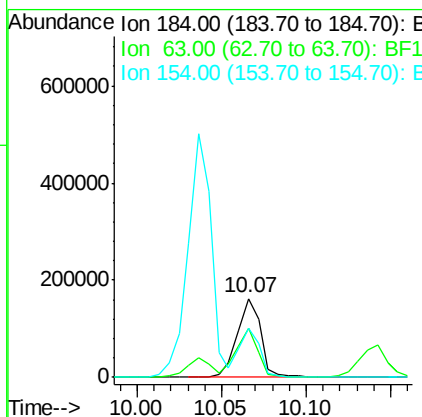
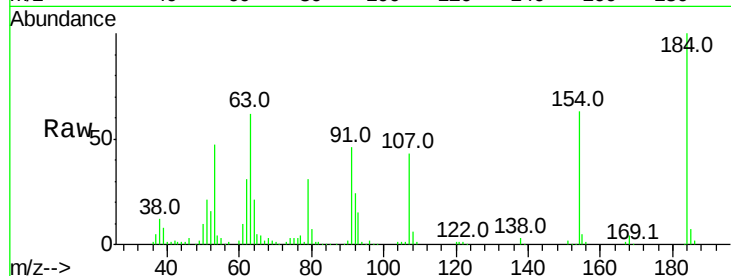
#53
 2,4-Dinitrophenol
 Concen: 94.623 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110380BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	158875		
63	62.2	54.2	81.2	
154	62.6	184.0	276.0#	

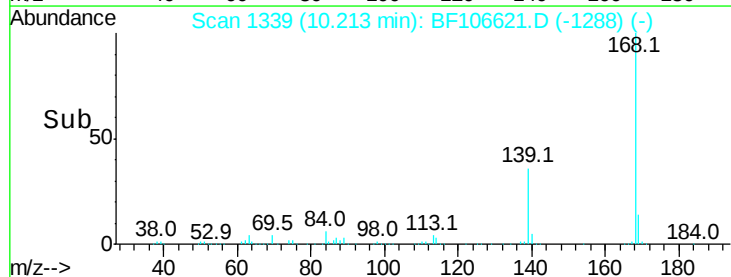
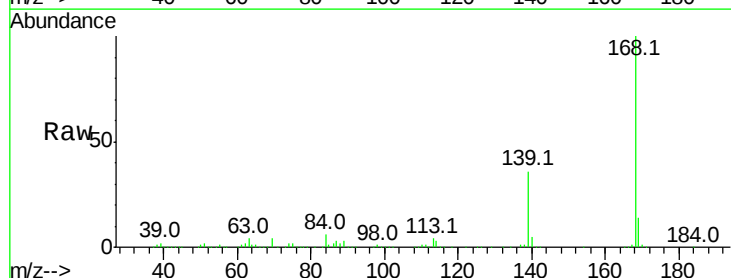
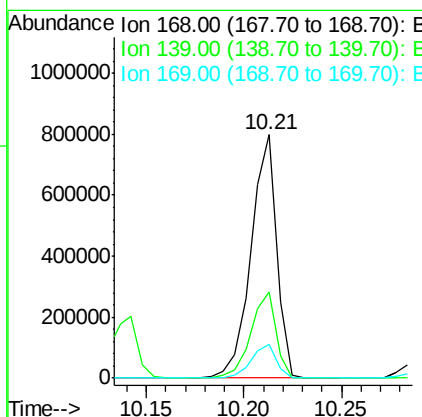
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#54
 Dibenzofuran
 Concen: 42.299 ng
 RT: 10.21 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	726462		
139	35.6	30.1	45.1	
169	13.9	10.9	16.3	





#55

4-Nitrophenol

Concen: 77.017 ng

RT: 10.14 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

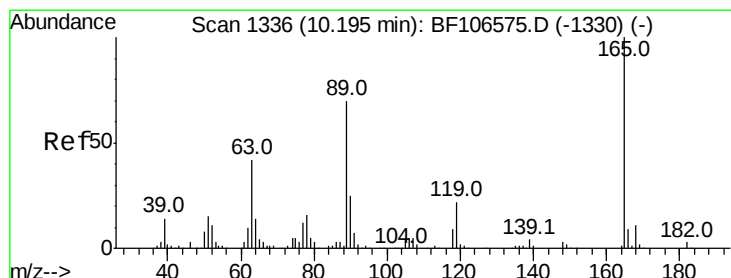
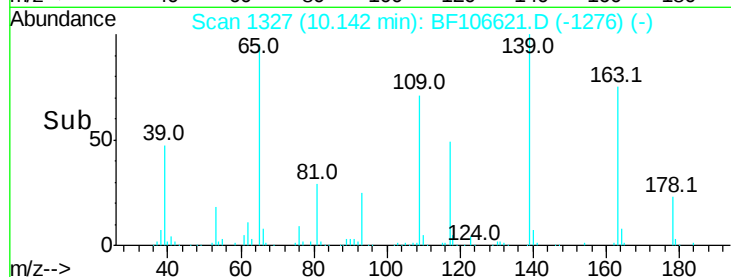
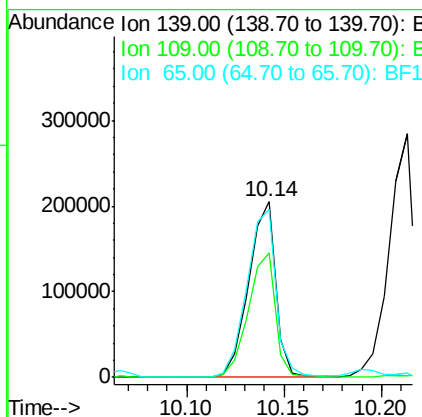
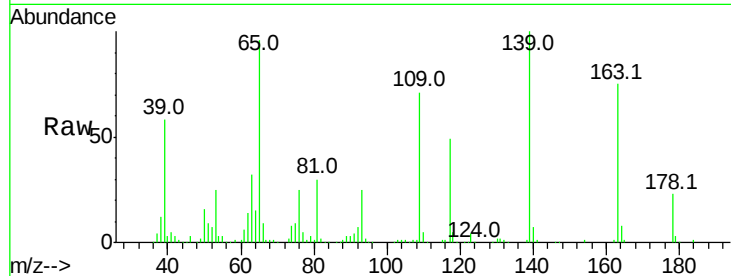
ClientSampleId :

PB110380BS

Tot Ion:	139	Resp:	197584
Ion Ratio	Lower	Upper	
139	100		
109	71.0	48.4	88.4
65	95.9	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 46.486 ng

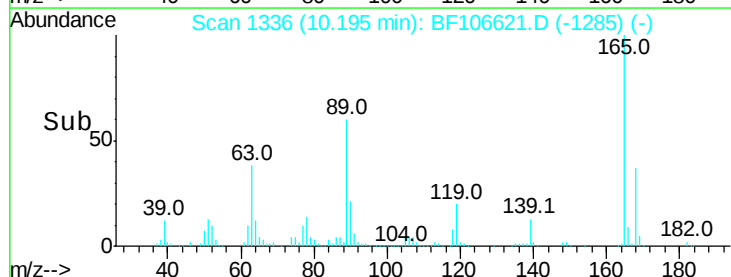
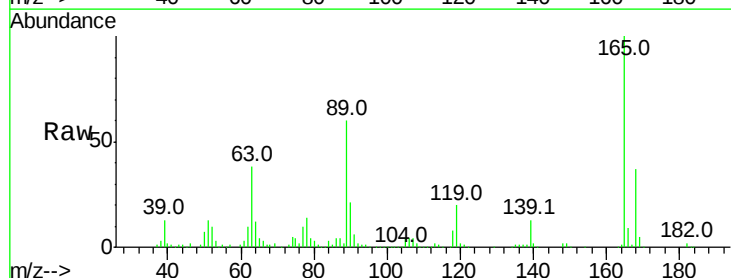
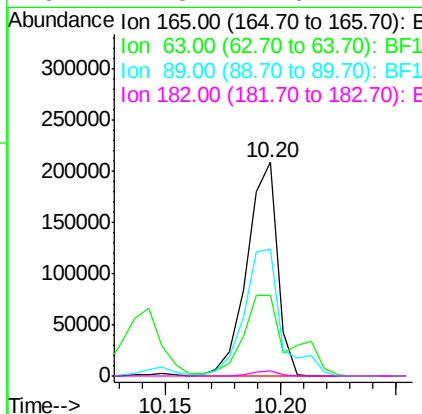
RT: 10.20 min Scan# 1336

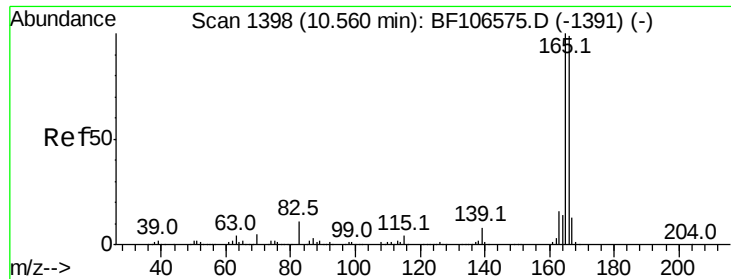
Delta R.T. 0.00 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Tgt Ion:	165	Resp:	193802
Ion Ratio	Lower	Upper	
165	100		
63	37.8	36.4	54.6
89	59.5	57.8	86.6
182	2.3	1.6	2.4





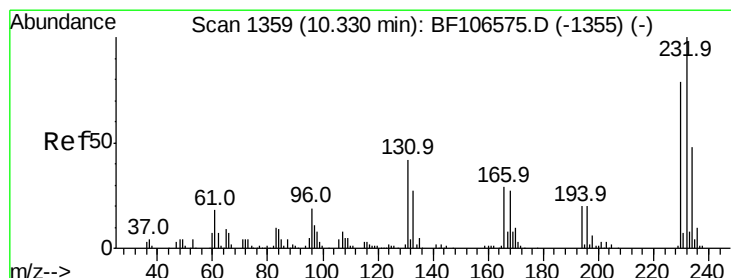
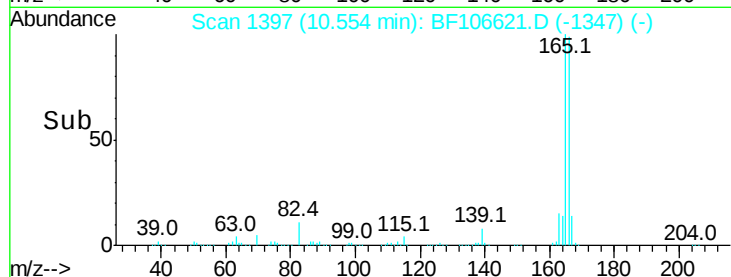
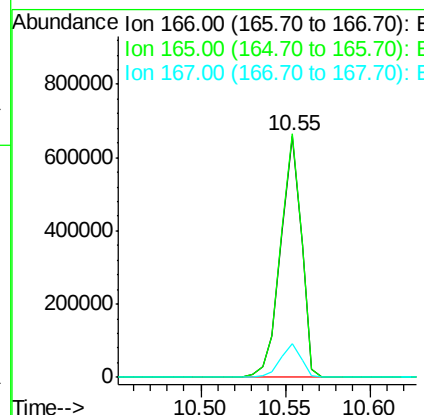
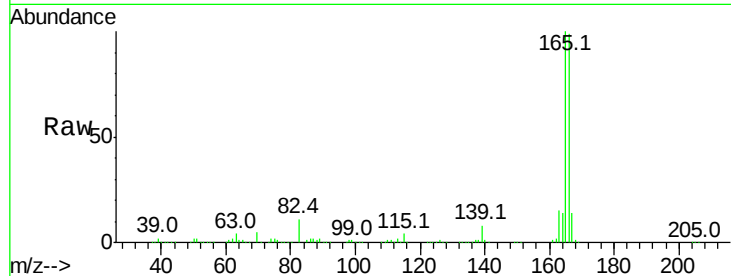
#57
 Fluorene
 Concen: 41.369 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110380BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	563793		
165	100.9	79.8	119.8	
167	13.8	10.6	16.0	

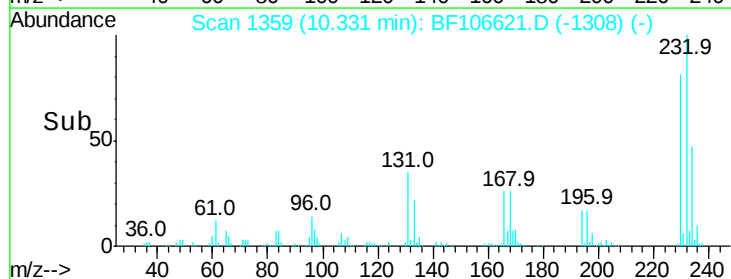
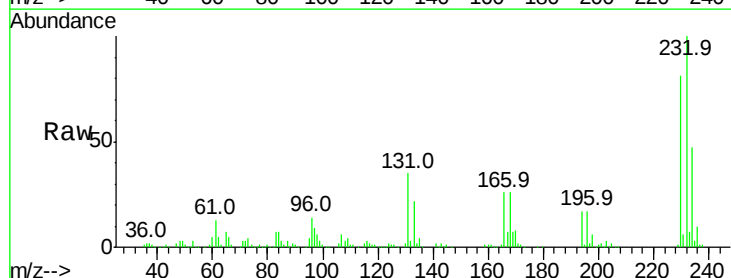
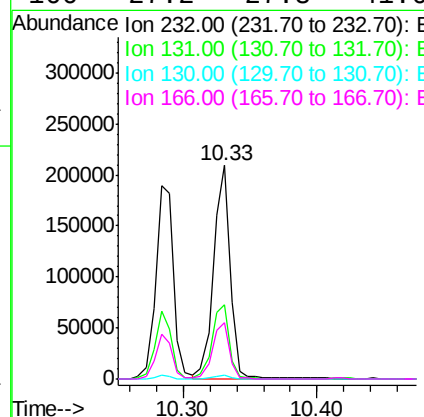
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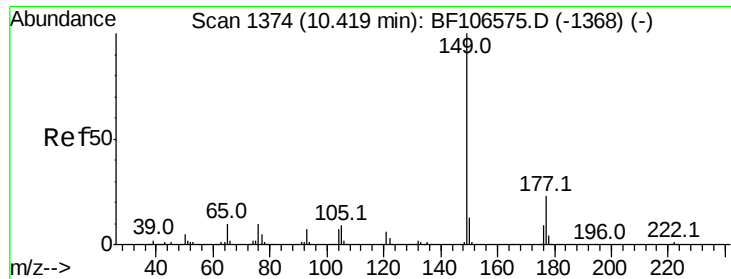
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.886 ng
 RT: 10.33 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	182550		
131	35.9	43.8	65.8#	
130	1.6	2.1	3.1#	
166	27.2	27.8	41.6#	





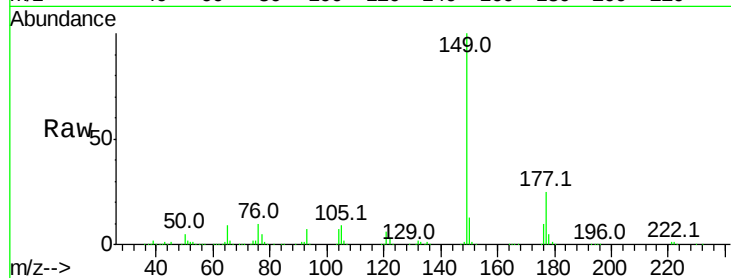
#59
Diethylphthalate
Concen: 39.229 ng
RT: 10.42 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110380BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	571099		
177	24.7	16.1	24.1#	
150	13.0	10.1	15.1	

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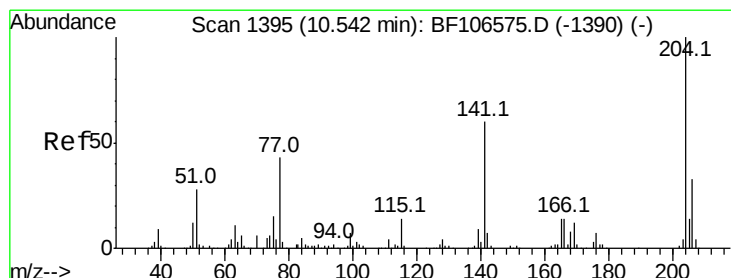
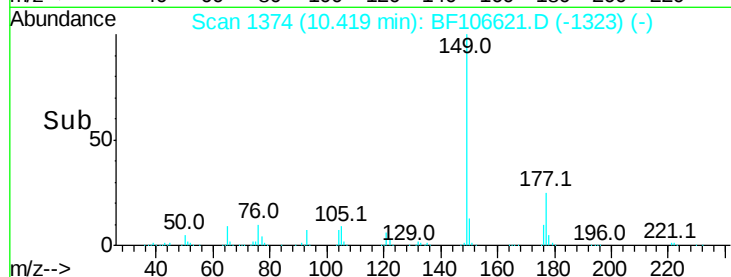
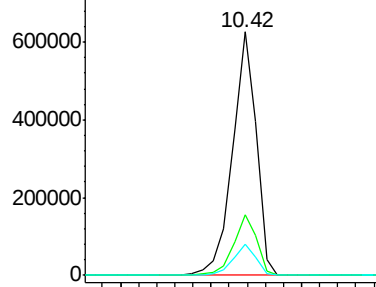


Abundance

Ion 149.00 (148.70 to 149.70): E

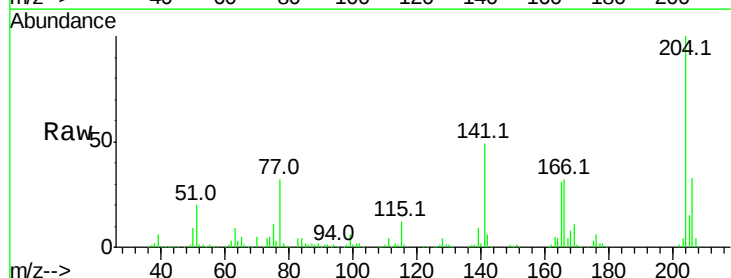
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 41.461 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	295653		
206	33.2	26.5	39.7	
141	49.0	54.6	81.8#	

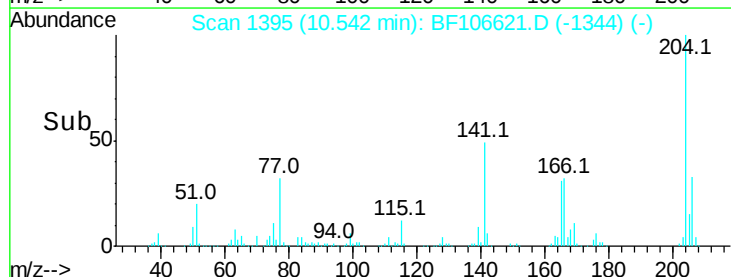
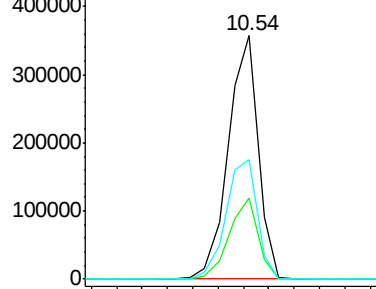


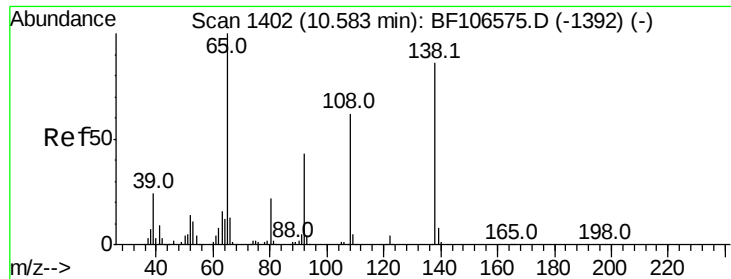
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





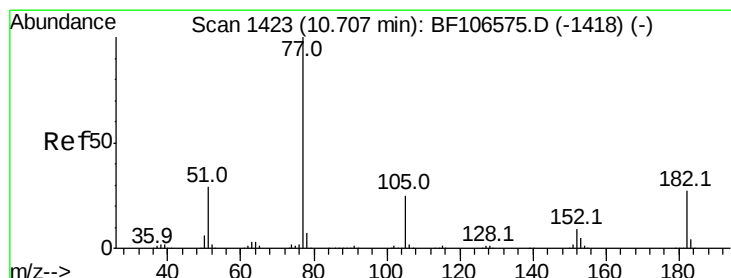
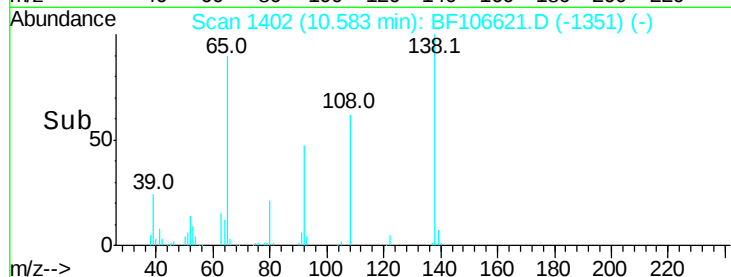
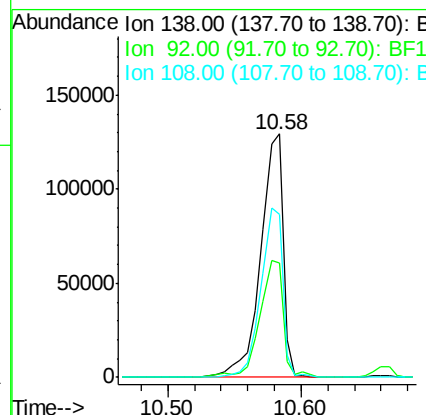
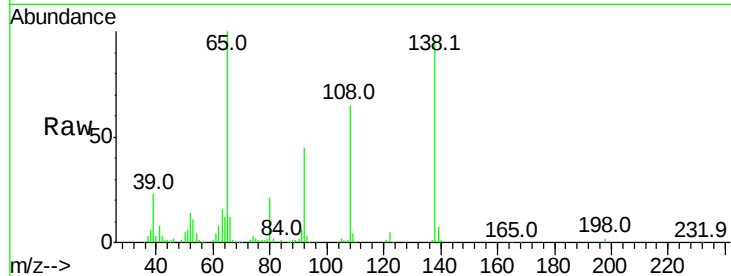
#61
4-Nitroaniline
Concen: 41.074 ng
RT: 10.58 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110380BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.9	30.2	70.2
108	67.0	52.5	92.5

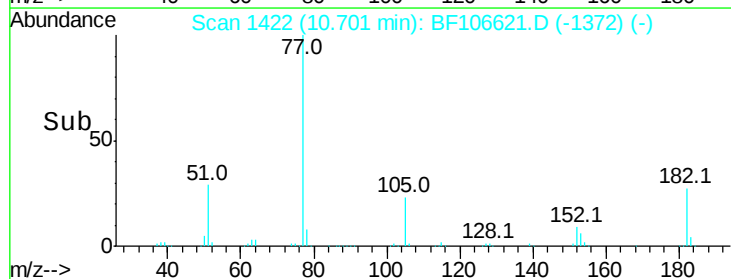
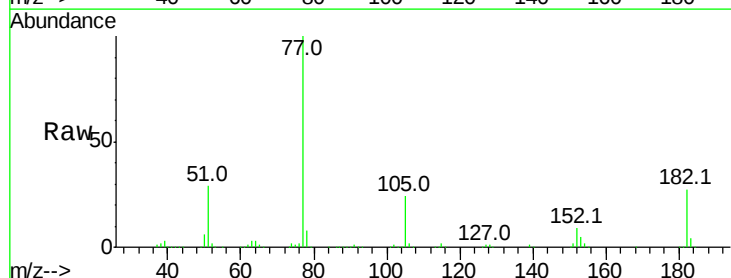
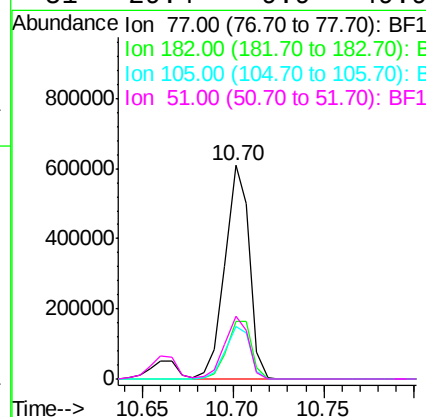
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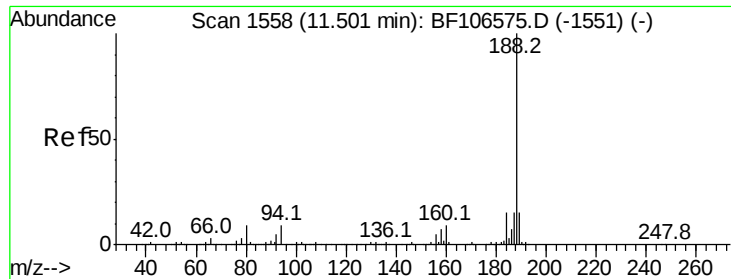
Sohil
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#62
Azobenzene
Concen: 39.725 ng
RT: 10.70 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.7	1.7	41.7
105	24.4	3.0	43.0
51	29.4	9.9	49.9





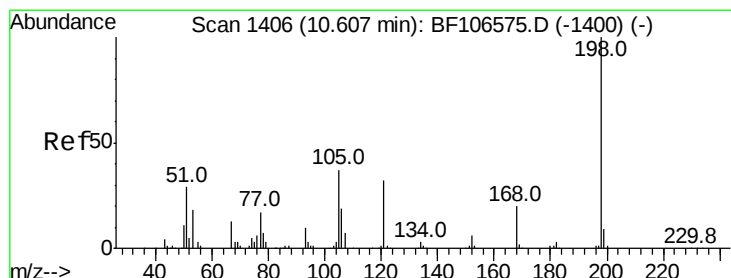
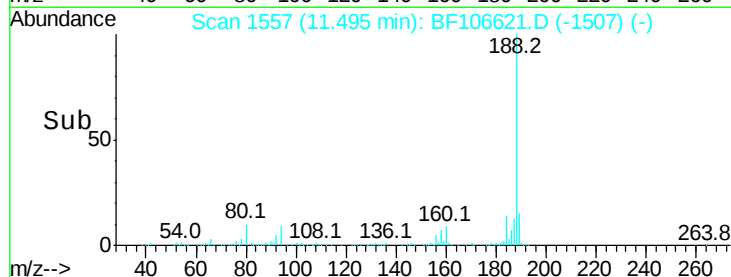
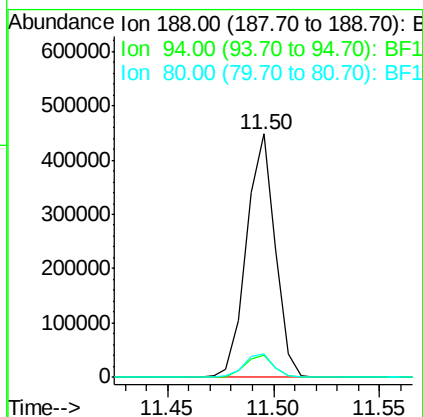
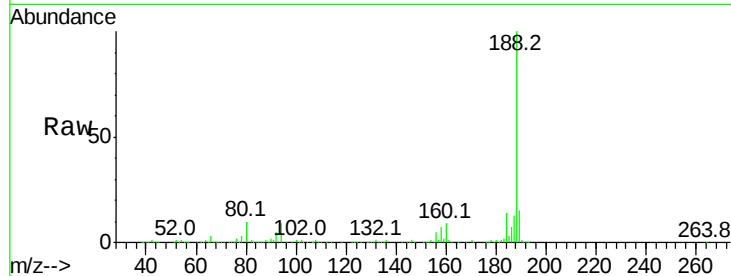
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110380BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	419974		
94	9.0		8.5	12.7
80	9.7		9.2	13.8

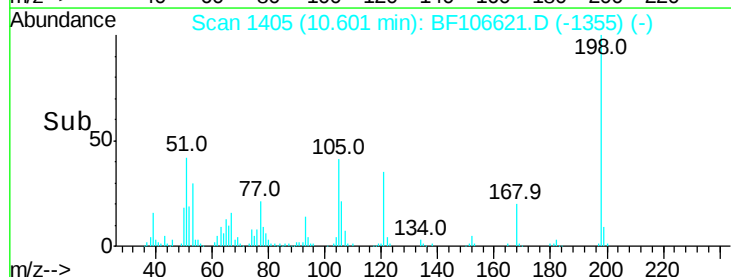
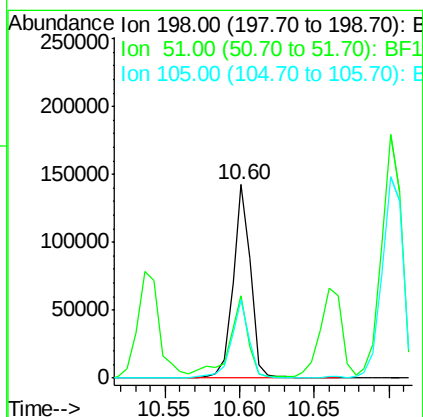
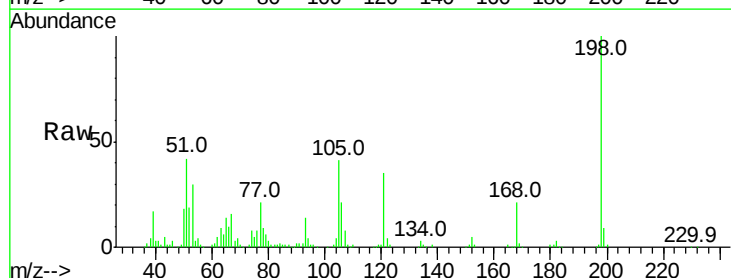
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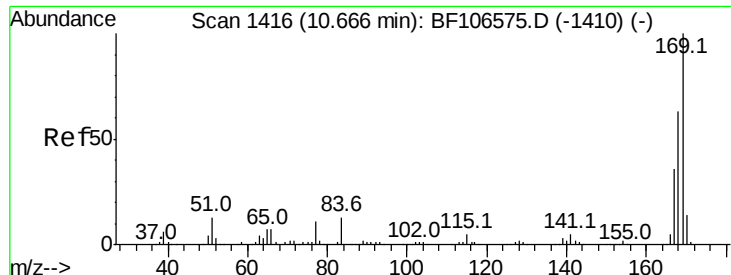
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.436 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	117955		
51	42.3		37.7	77.7
105	40.6		36.3	76.3





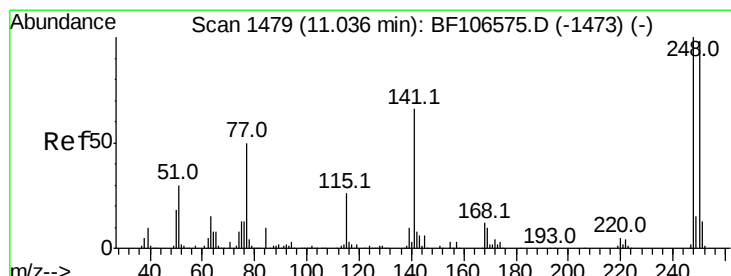
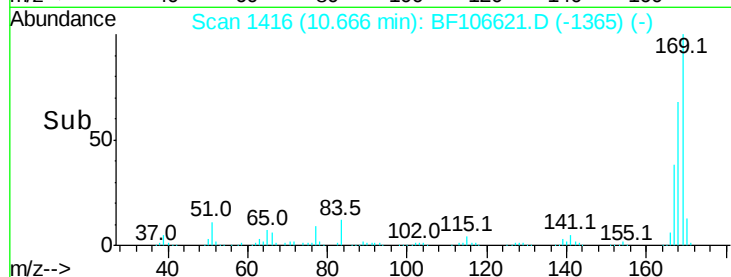
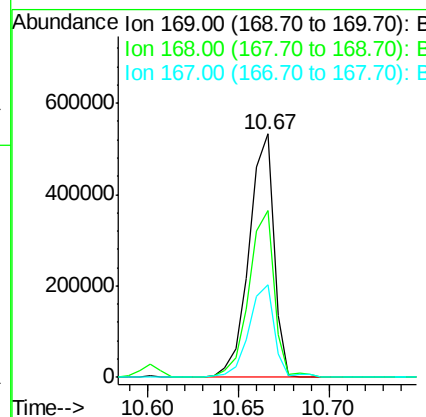
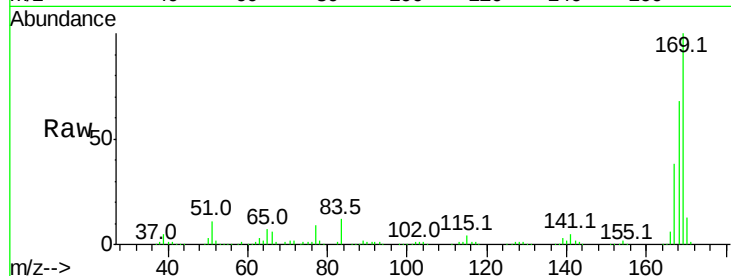
#65
n-Nitrosodiphenylamine
Concen: 36.090 ng
RT: 10.67 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110380BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	509806		
168	68.4		54.4	81.6
167	38.2		29.8	44.6

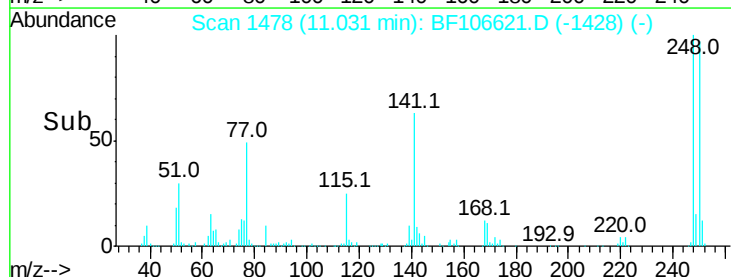
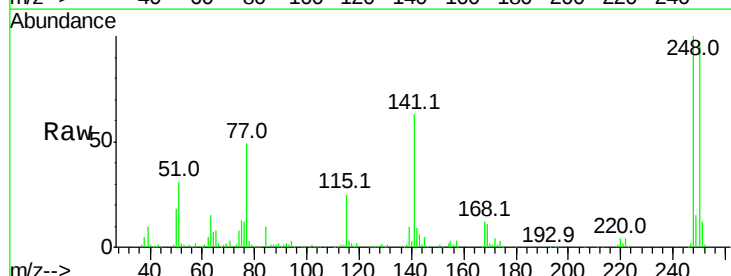
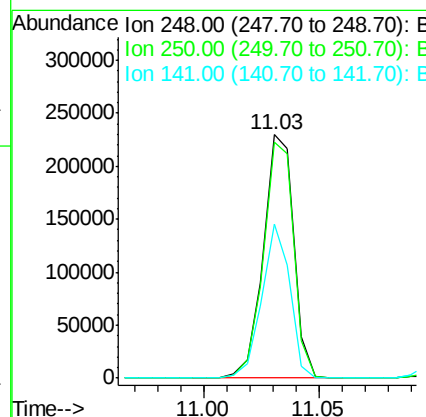
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#66
4-Bromophenyl-phenylether
Concen: 42.064 ng
RT: 11.03 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	210832		
250	96.9		76.9	115.3
141	63.1		74.4	111.6#





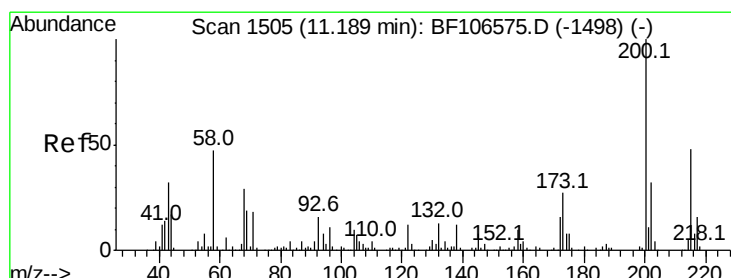
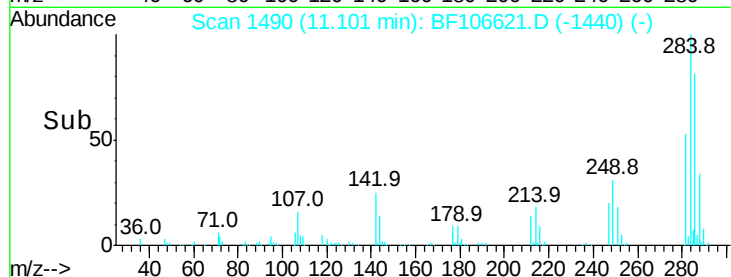
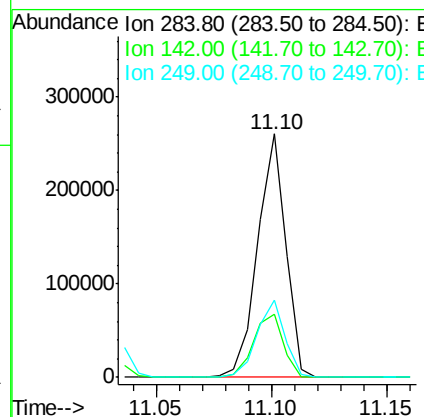
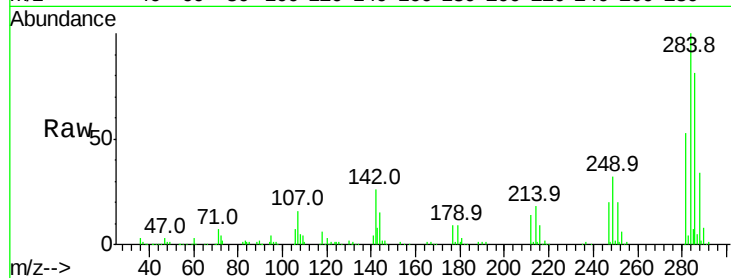
#67
Hexachlorobenzene
Concen: 42.297 ng
RT: 11.10 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110380BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	26.0	34.6	52.0	
249	31.7	24.8	37.2	

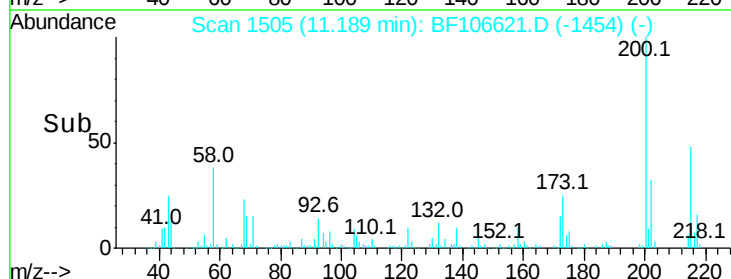
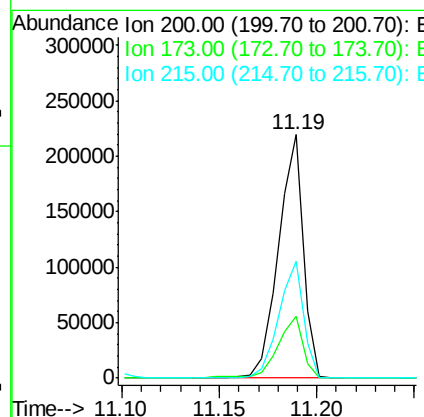
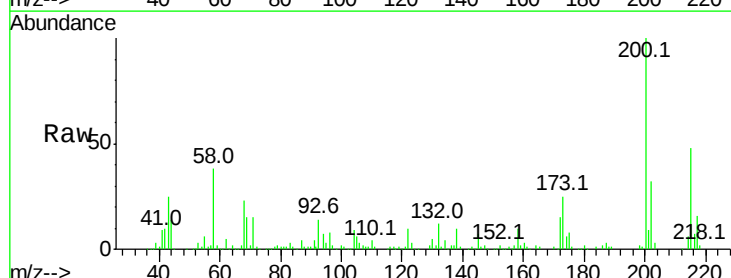
Manual Integrations
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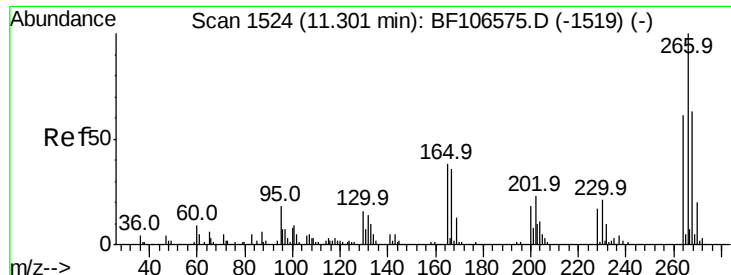
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#68
Atrazine
Concen: 43.094 ng
RT: 11.19 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.5	8.6	48.6	
215	48.2	25.1	65.1	





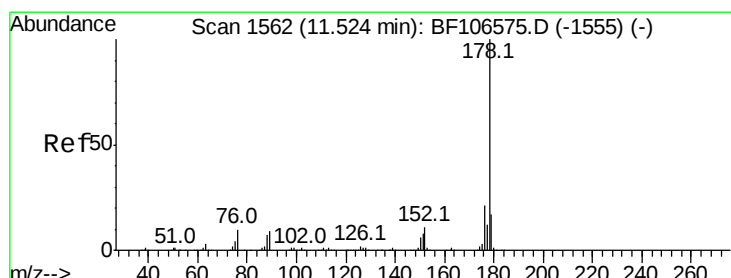
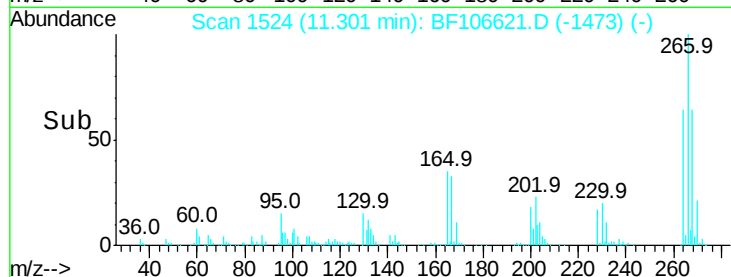
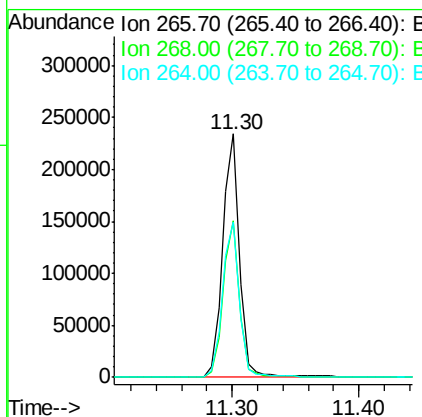
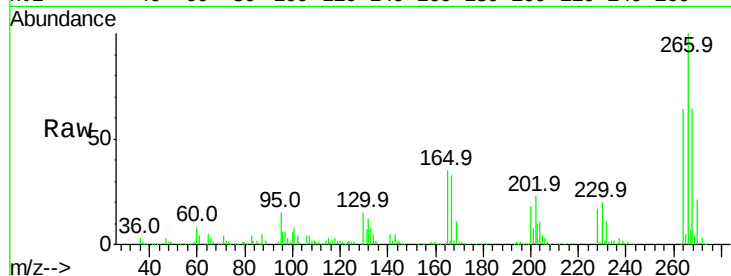
#69
 Pentachlorophenol
 Concen: 83.340 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. 0.00 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110380BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	218143		
268	64.2	51.1	76.7	
264	64.0	49.5	74.3	

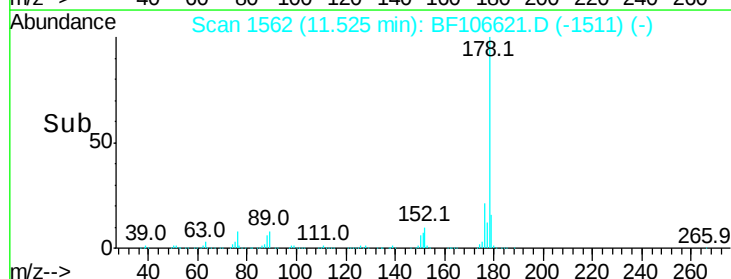
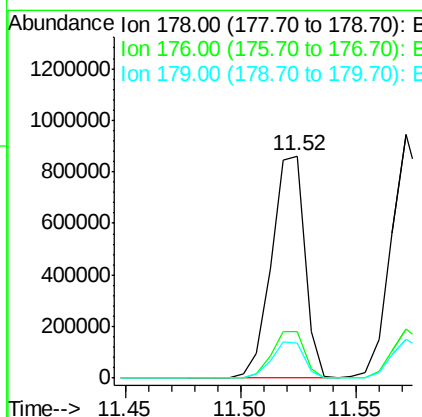
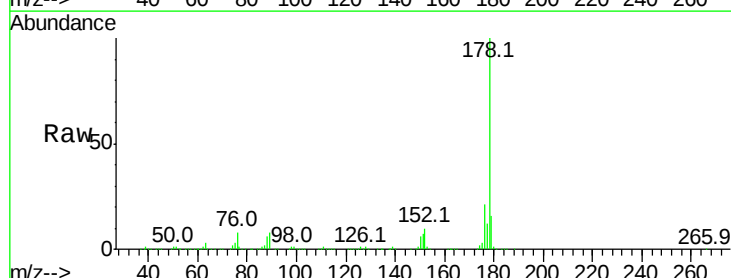
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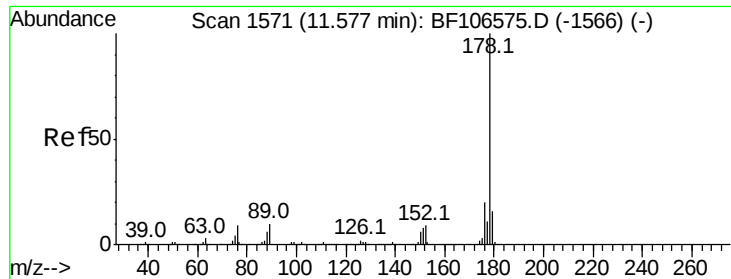
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#70
 Phenanthrene
 Concen: 42.472 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	860326		
176	20.7	15.8	23.8	
179	15.7	13.0	19.6	





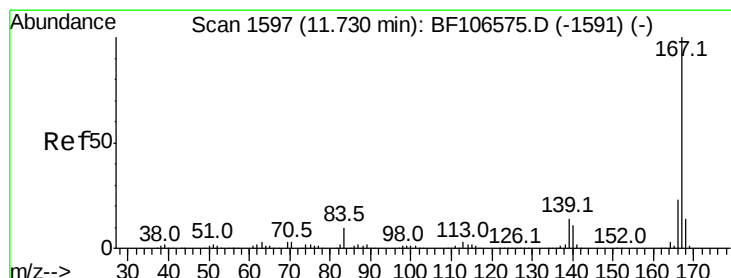
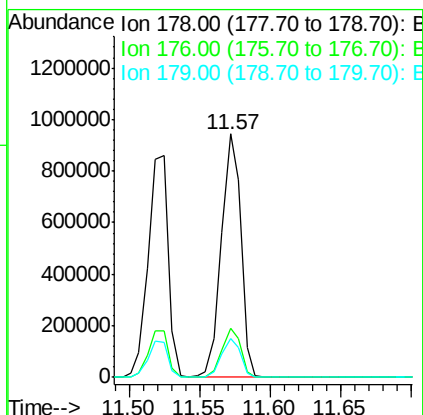
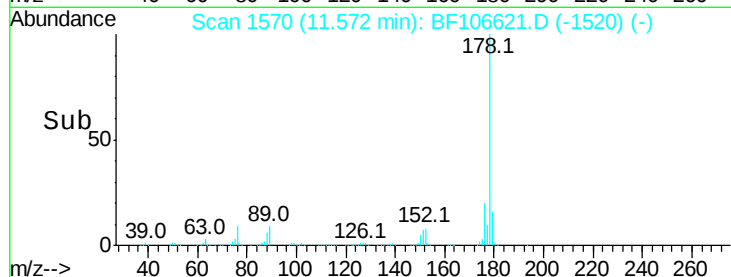
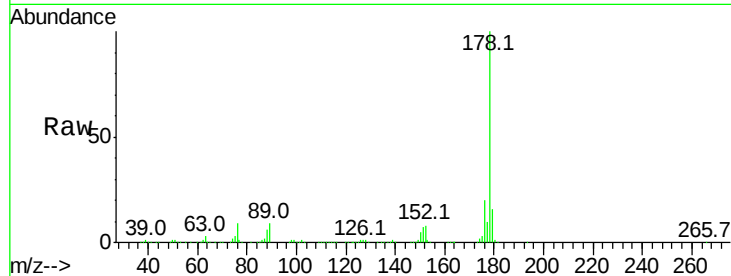
#71
 Anthracene
 Concen: 43.898 ng
 RT: 11.57 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110380BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.2
179	16.2	12.6	19.0

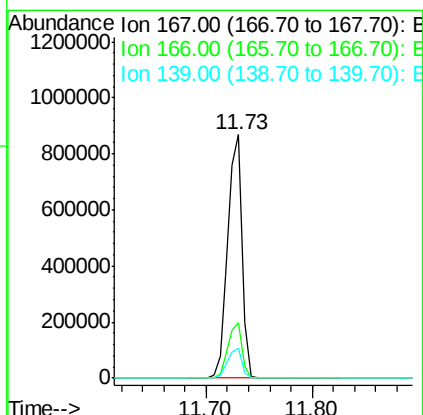
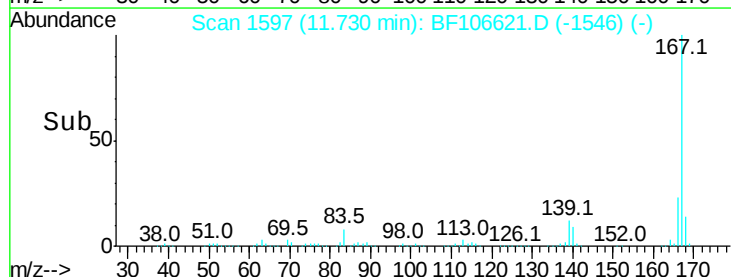
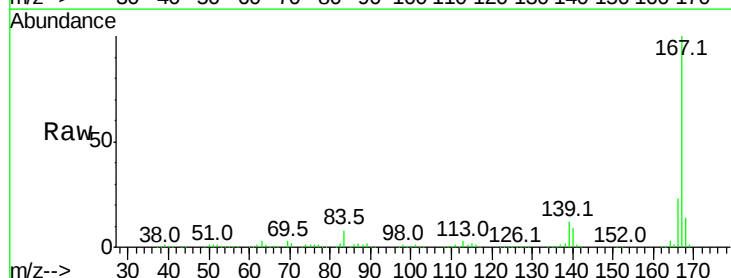
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#72
 Carbazole
 Concen: 42.064 ng
 RT: 11.73 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.6	26.4
139	12.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 40.784 ng

RT: 12.04 min Scan# 1650

Delta R.T. -0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

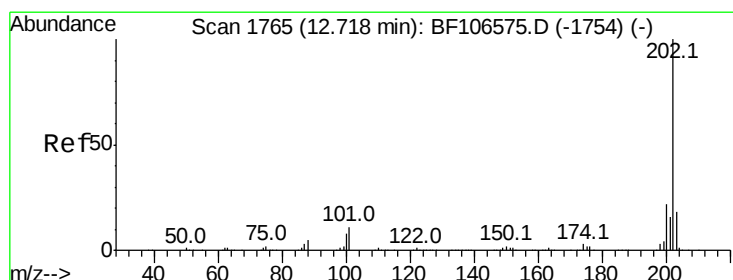
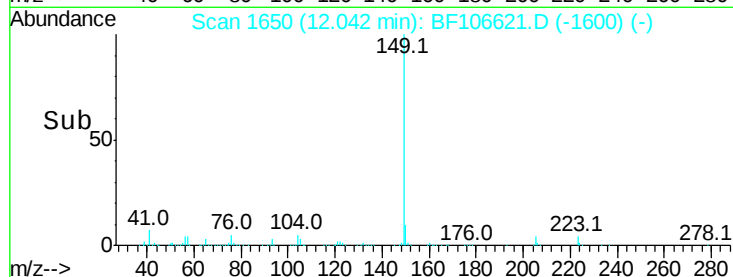
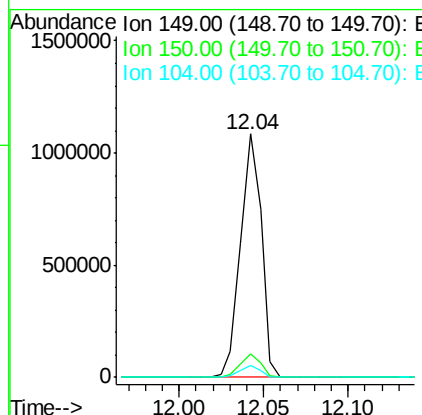
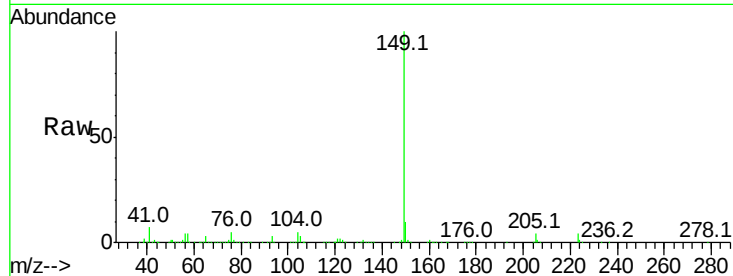
ClientSampleId :

PB110380BS

Tot Ion:	149	Resp:	930076
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.8	11.6
104	5.0	3.8	5.8

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#74

Fluoranthene

Concen: 44.149 ng

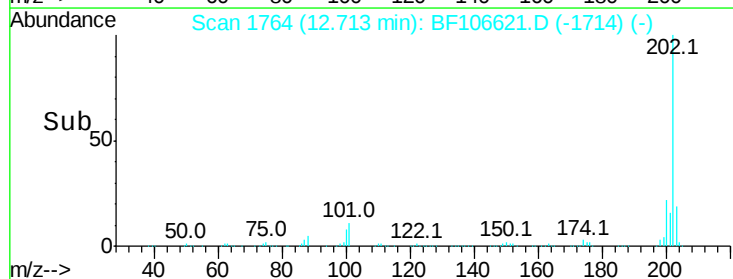
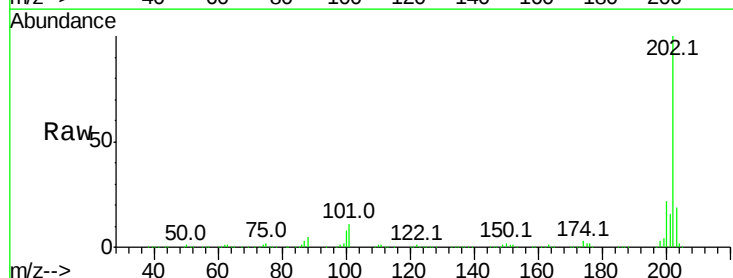
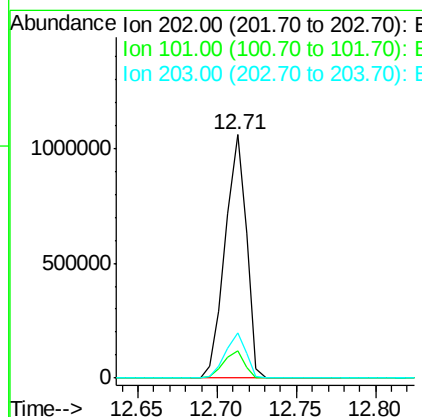
RT: 12.71 min Scan# 1764

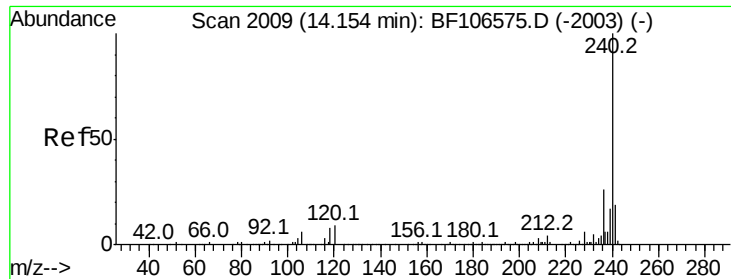
Delta R.T. -0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Tgt Ion:	202	Resp:	985686
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	34.1
203	18.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

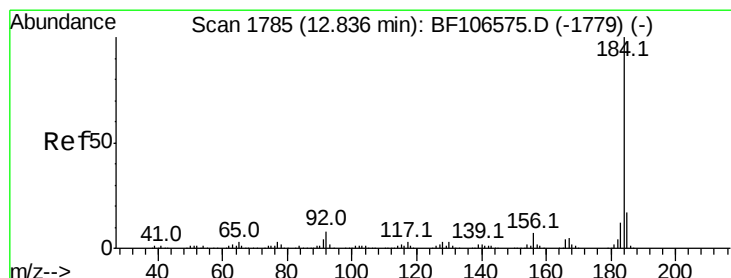
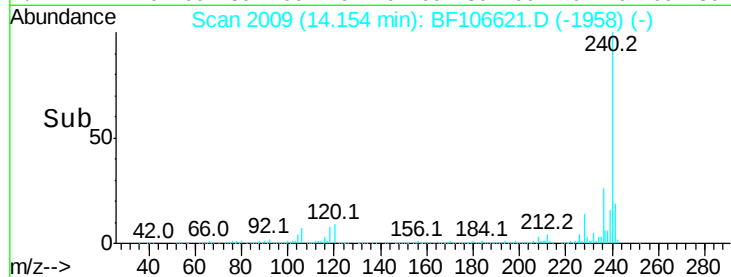
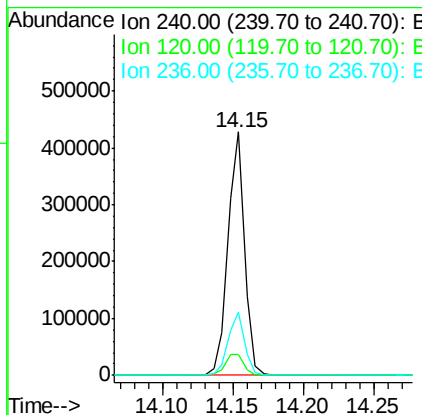
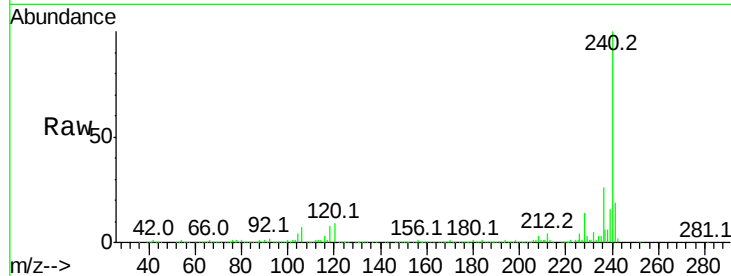
ClientSampled :

PB110380BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	349117		
120	8.7	9.5	14.3	
236	26.1	20.7	31.1	

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#76

Benzidine

Concen: 33.861 ng

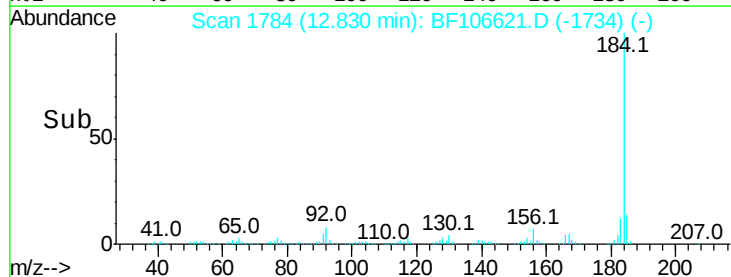
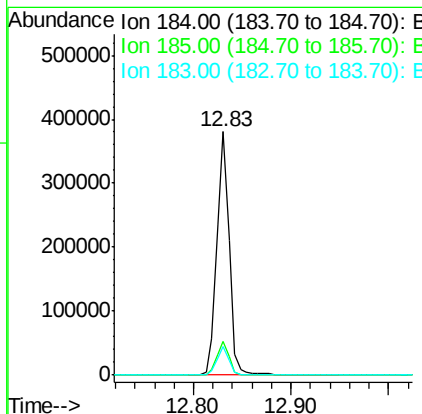
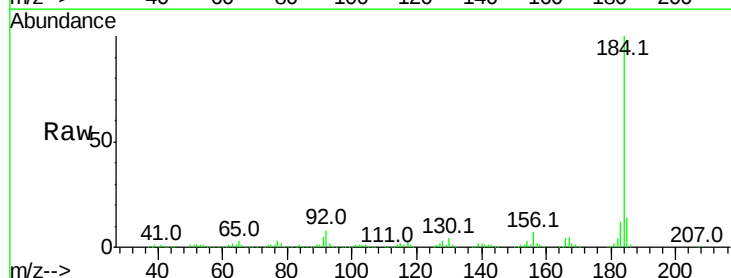
RT: 12.83 min Scan# 1784

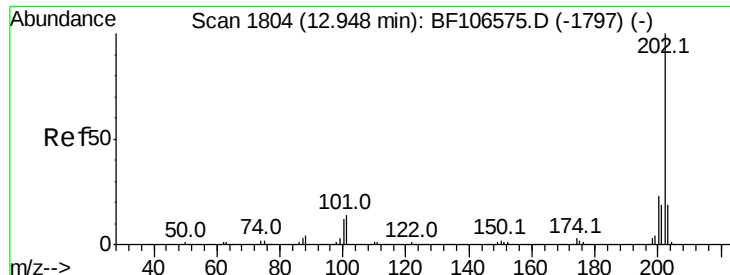
Delta R.T. -0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	336668		
185	14.0	12.6	18.8	
183	11.6	9.3	13.9	





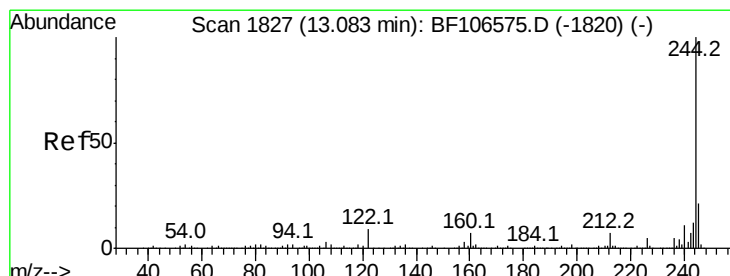
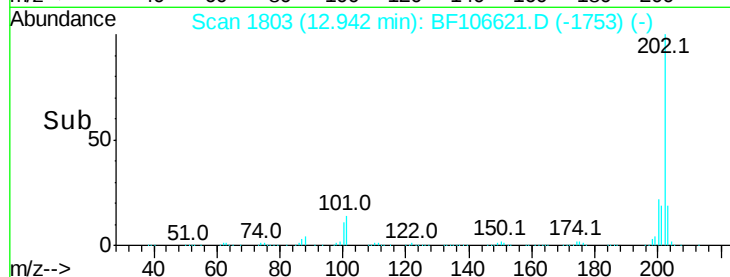
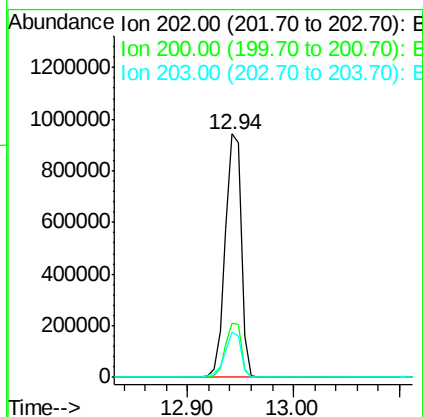
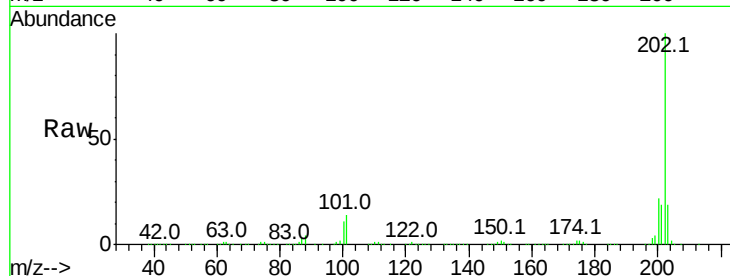
#77
Pvrene
Concen: 43.146 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110380BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	18.7	14.3	21.5

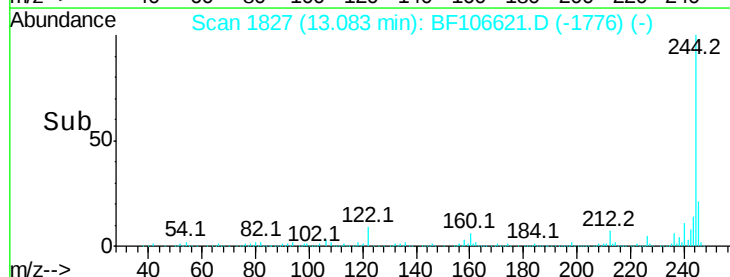
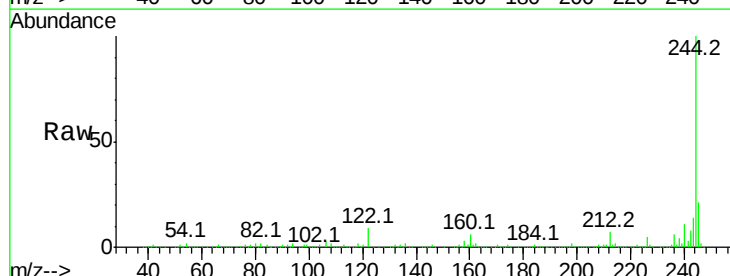
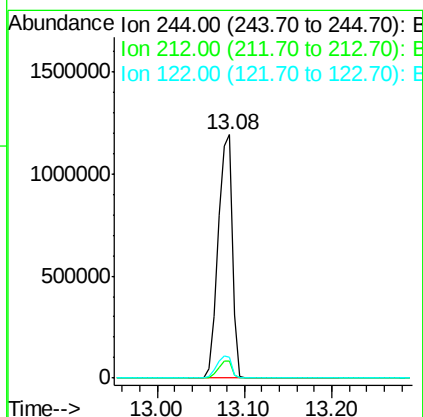
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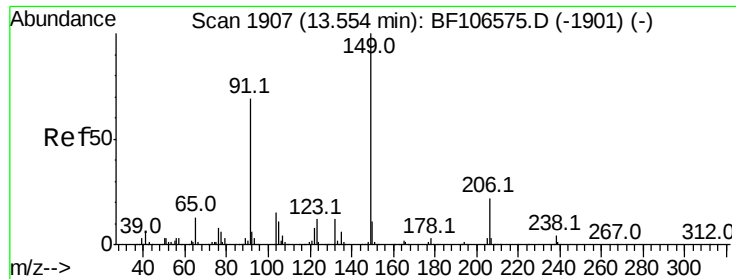
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#78
Terphenyl-d14
Concen: 93.542 ng
RT: 13.08 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	8.6	11.0	16.4





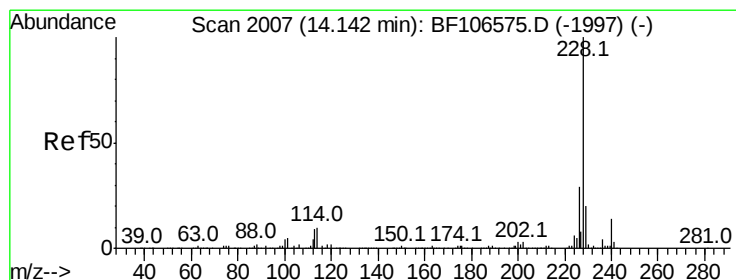
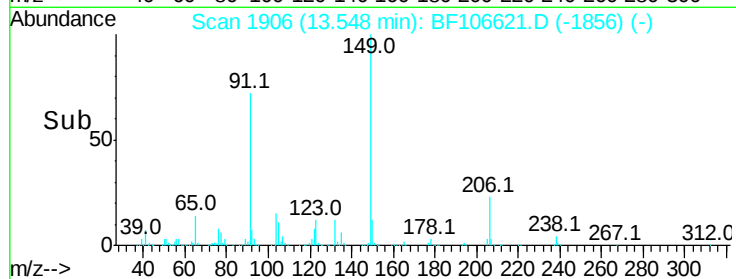
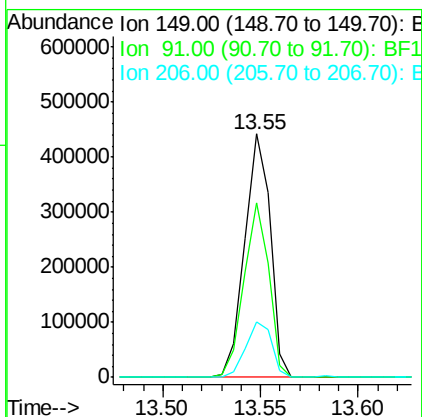
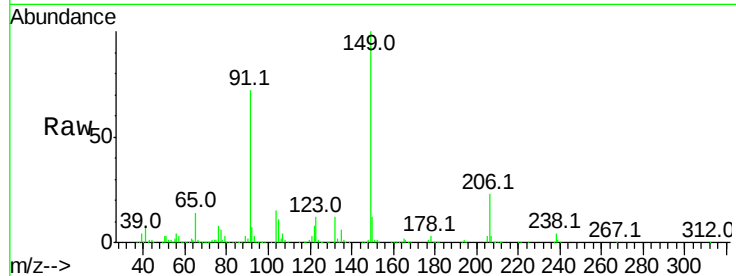
#79
Butylbenzylphthalate
Concen: 42.602 ng
RT: 13.55 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110380BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	71.8	56.8	85.2
206	22.8	14.1	21.1

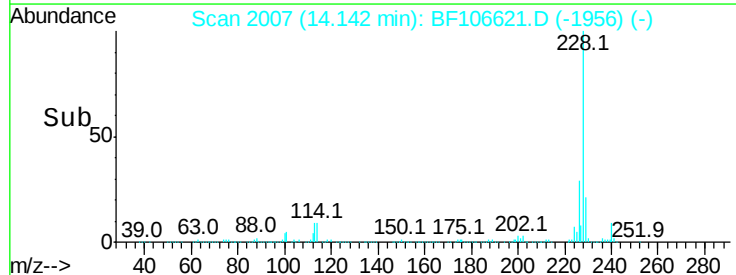
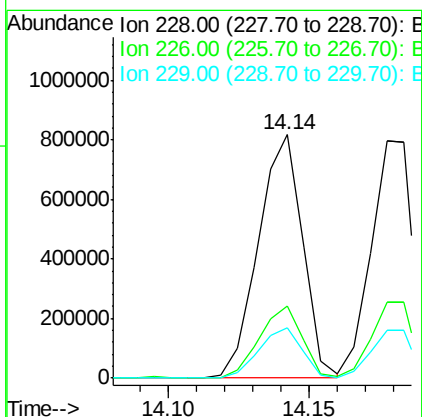
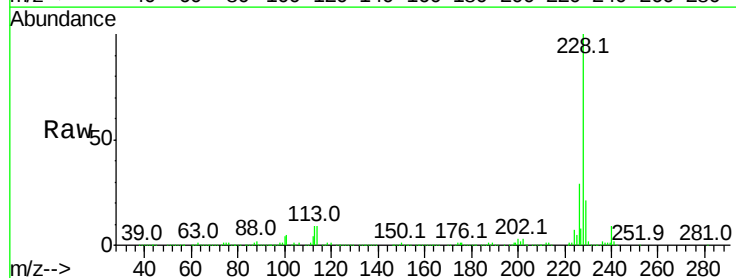
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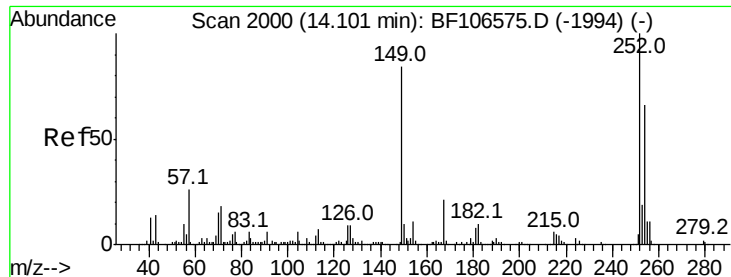
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#80
Benzo(a)anthracene
Concen: 41.726 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.4	22.6	33.8
229	20.8	15.8	23.6





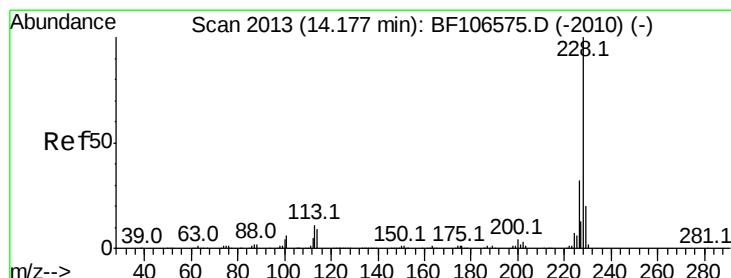
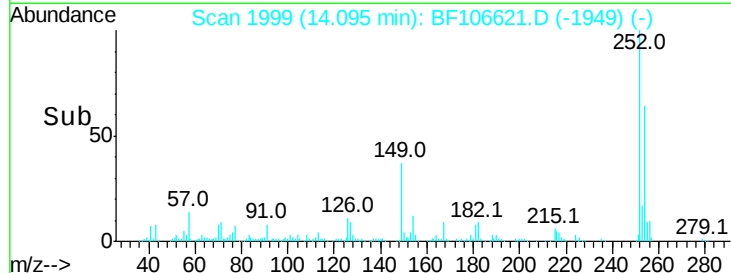
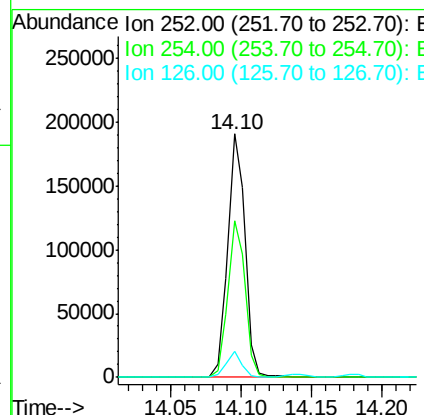
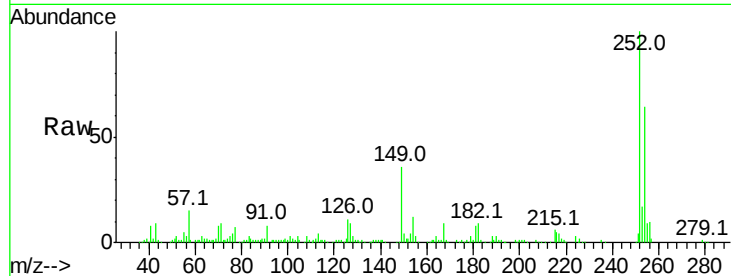
#81
 3,3'-Dichlorobenzidine
 Concen: 21.856 ng
 RT: 14.10 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110380BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	163446		
254	64.2	50.4	75.6	
126	10.8	11.3	16.9	

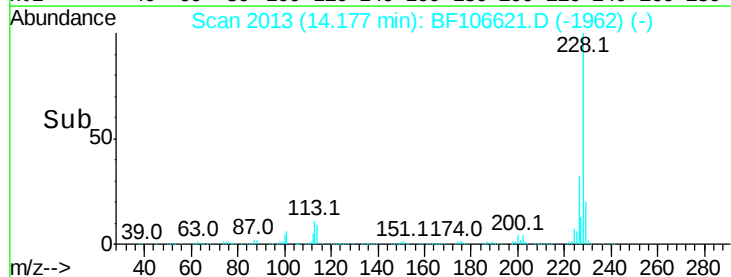
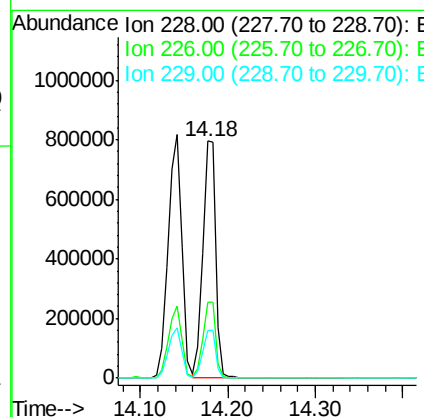
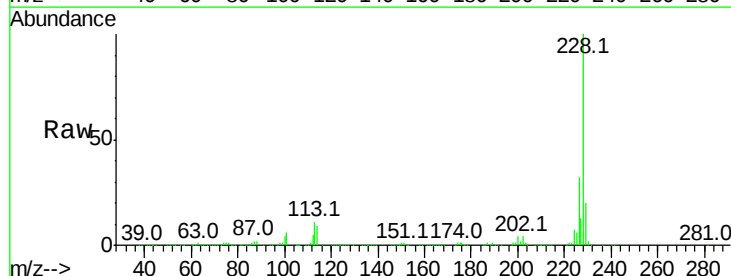
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#82
 Chrysene
 Concen: 41.842 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. 0.00 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	819071		
226	32.2	25.0	37.6	
229	20.3	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.571 ng

RT: 14.11 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

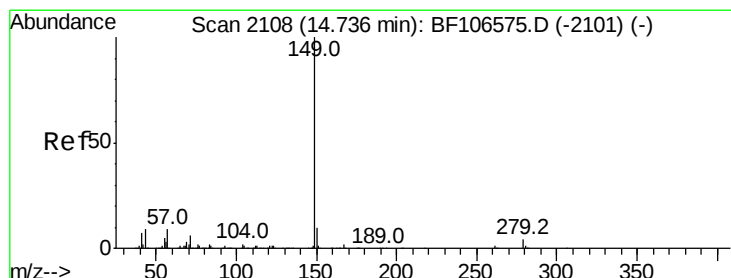
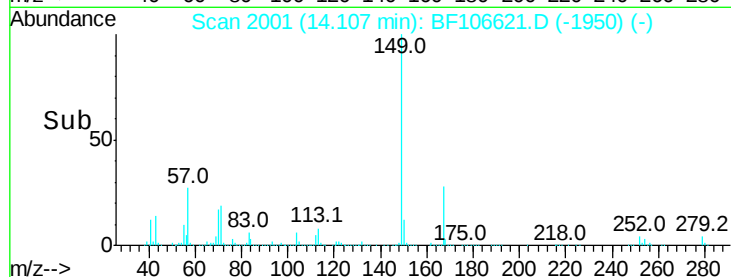
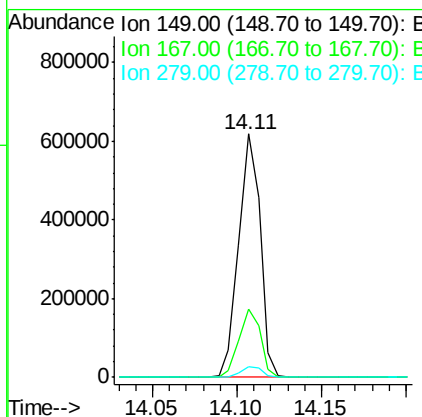
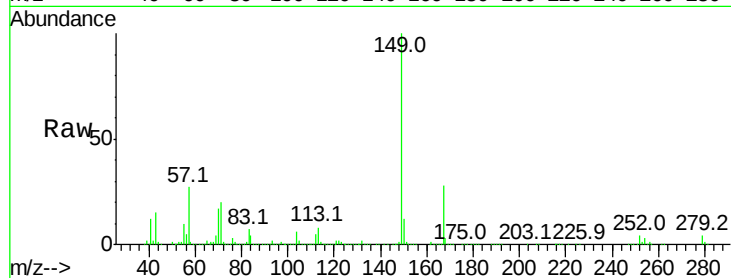
ClientSampleId :

PB110380BS

Tot Ion:	149	Resp:	551464
Ion Ratio	Lower	Upper	
149	100		
167	28.3	21.3	31.9
279	4.4	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 40.872 ng

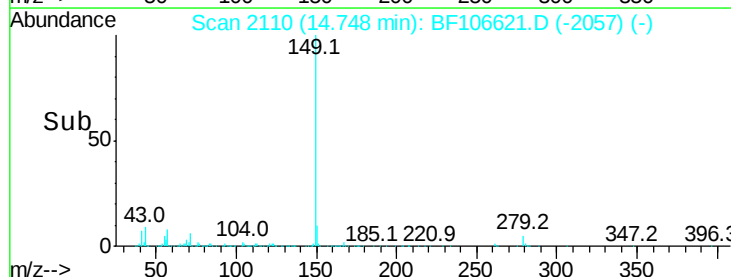
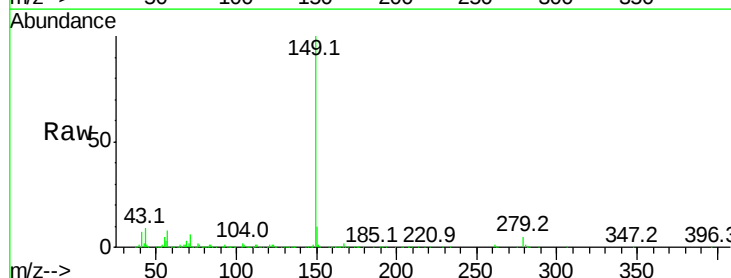
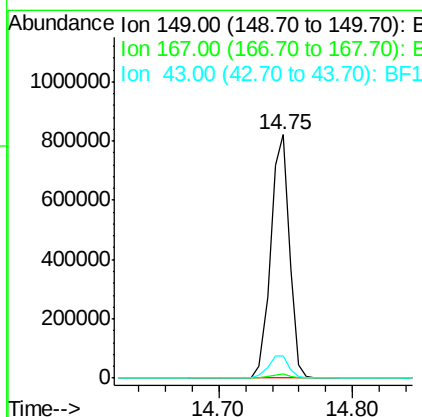
RT: 14.75 min Scan# 2110

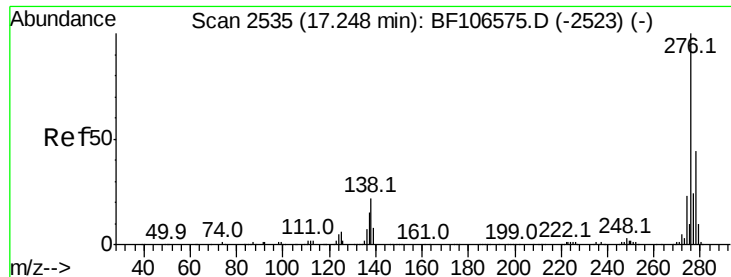
Delta R.T. 0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Tgt Ion:	149	Resp:	806215
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.2	1.8#
43	9.5	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.800 ng

RT: 17.27 min Scan# 2538

Delta R.T. 0.02 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

ClientSampleId :

PB110380BS

Tot Ion:276 Resp: 777442

Ion Ratio Lower Upper

276 100

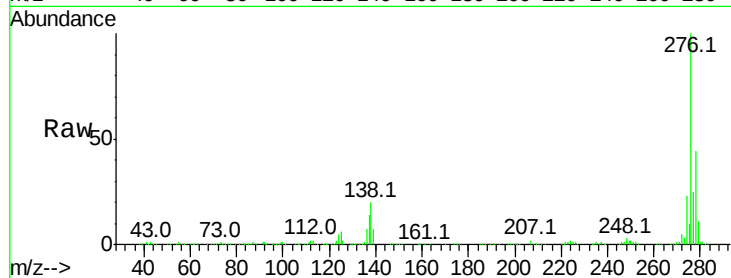
138 22.2 25.0 37.6#

277 25.2 20.1 30.1

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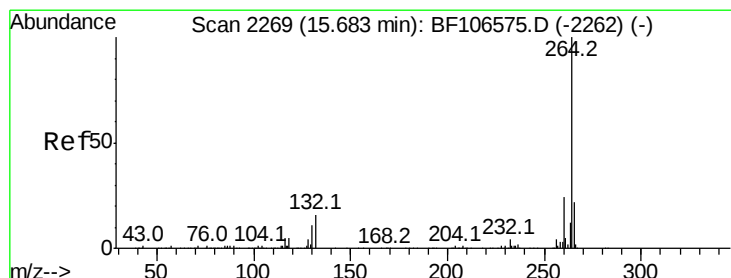
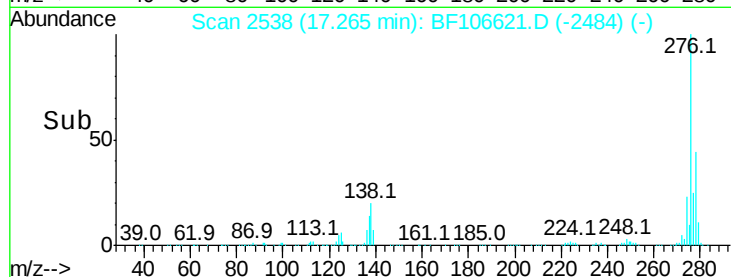
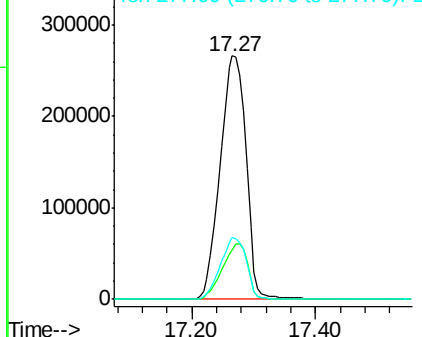
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Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.69 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

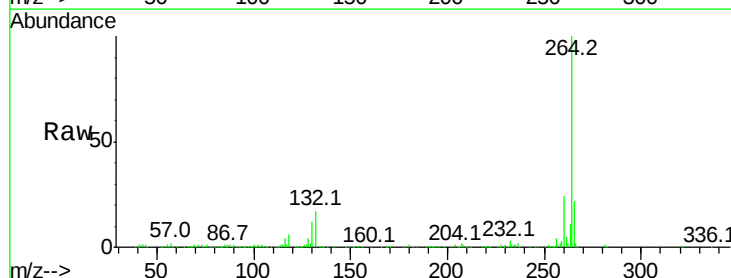
Tgt Ion:264 Resp: 284044

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

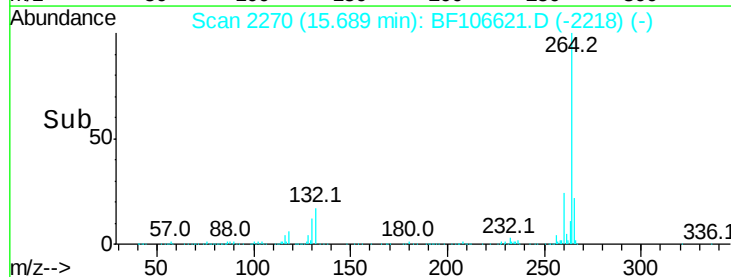
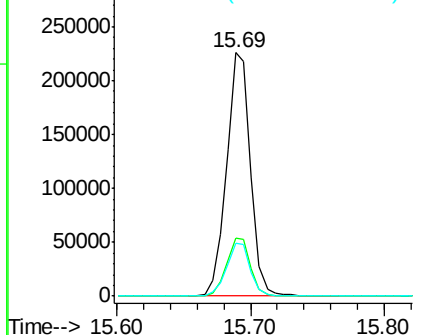
265 21.9 17.5 26.3

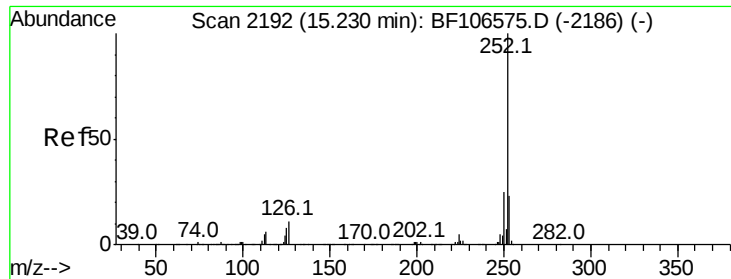


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.968 ng

RT: 15.24 min Scan# 2193

Delta R.T. 0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Instrument :

BNA_F

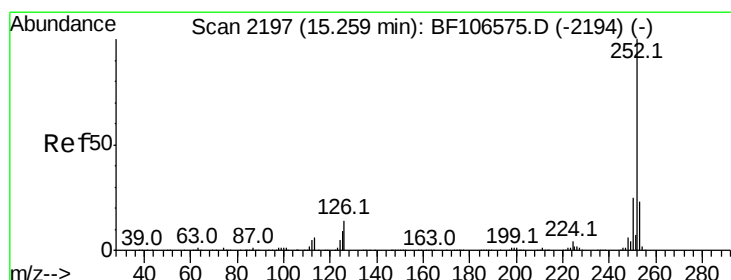
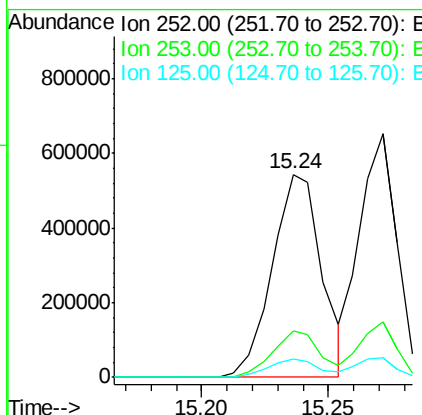
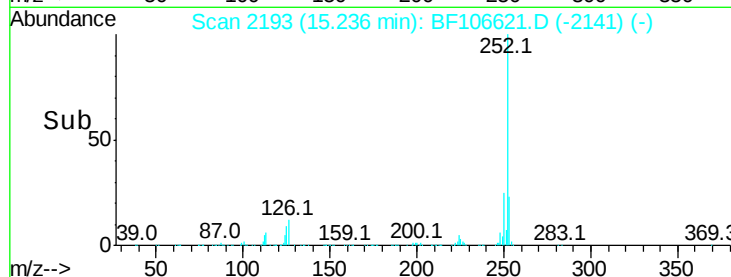
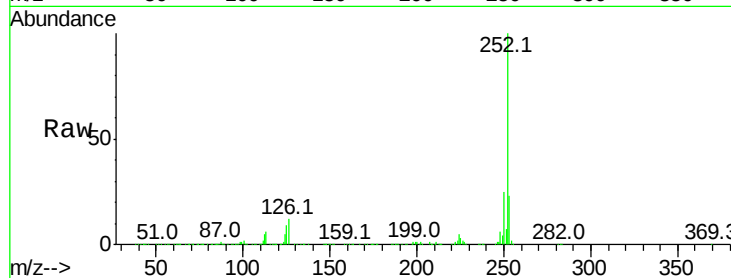
ClientSampleId :

PB110380BS

Tot Ion:252	Resp:	740514
Ion Ratio	Lower	Upper
252	100	
253	22.6	17.0 25.6
125	9.0	9.0 13.6#

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#88

Benzo(k)fluoranthene

Concen: 40.159 ng

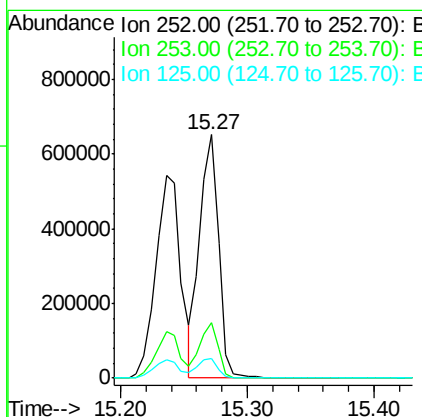
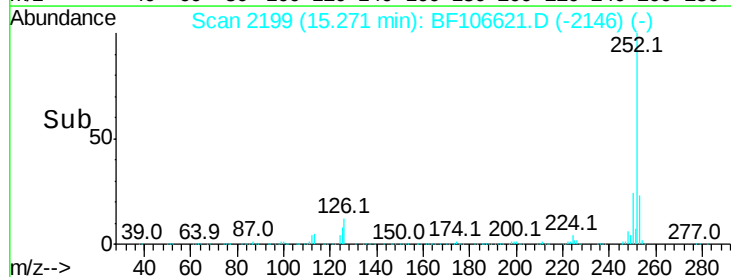
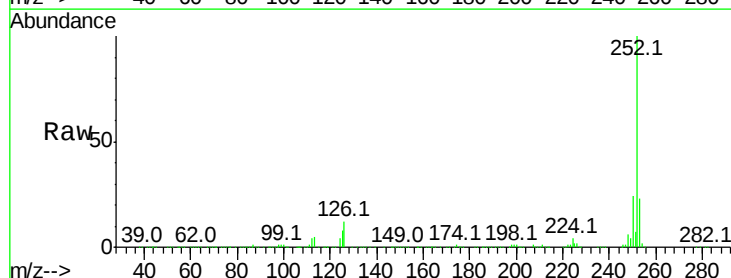
RT: 15.27 min Scan# 2199

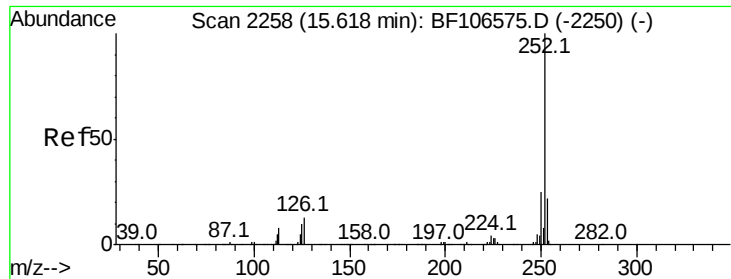
Delta R.T. 0.01 min

Lab File: BF106621.D

Acq: 20 Jun 2018 16:02

Tgt Ion:252	Resp:	674785
Ion Ratio	Lower	Upper
252	100	
253	22.7	17.9 26.9
125	7.8	10.2 15.2#





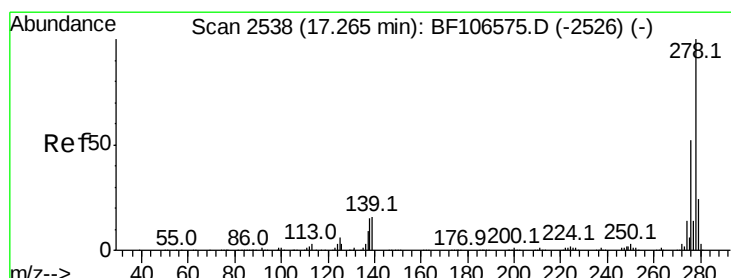
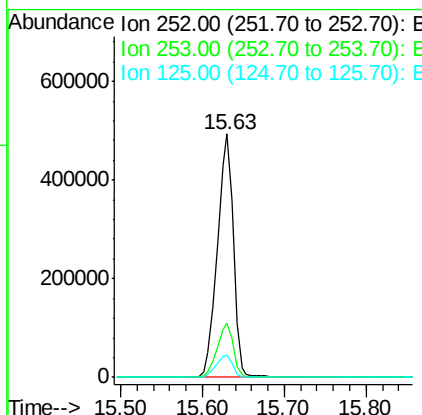
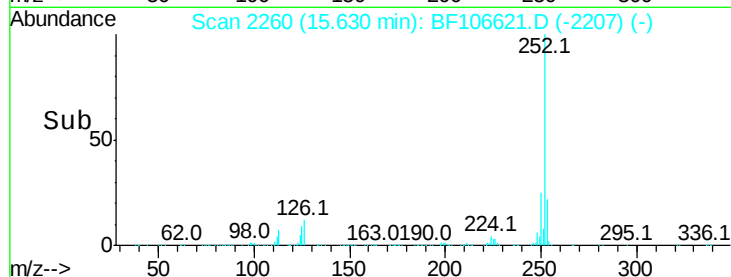
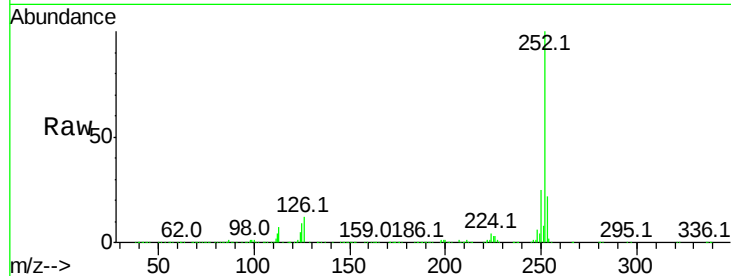
#89
Benzo(a)pyrene
Concen: 43.289 ng
RT: 15.63 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Instrument :
BNA_F
ClientSampleId :
PB110380BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	9.3	9.8	14.6

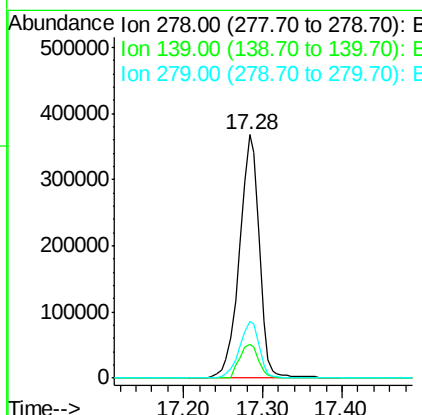
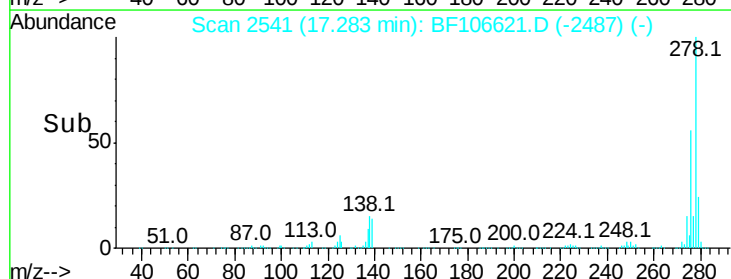
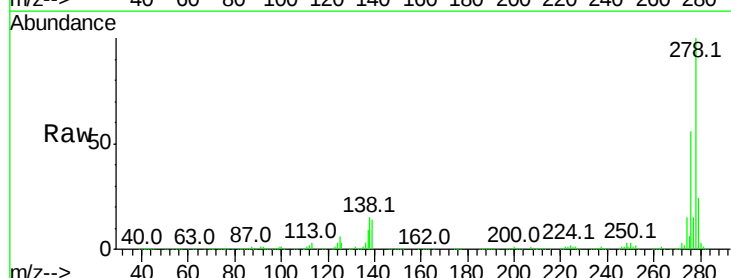
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#90
Dibenzo(a,h)anthracene
Concen: 48.115 ng
RT: 17.28 min Scan# 2541
Delta R.T. 0.02 min
Lab File: BF106621.D
Acq: 20 Jun 2018 16:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.0	15.9	23.9
279	23.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 51.128 ng
 RT: 17.75 min Scan# 2620
 Delta R.T. 0.02 min
 Lab File: BF106621.D
 Acq: 20 Jun 2018 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB110380BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	20.0	21.8	32.8

Manual Integrations
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