

Data Path : U:\HPCHEM1\BNA F\DATA\BF020318\
 Data File : BF102715.D
 Acq On : 3 Feb 2018 14:26
 Operator : SJ/JU
 Sample : PB106243BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106243BS

Manual Integrations
 APPROVED

Sohil
 2/5/2018 11:05:13 AM

Quant Time: Feb 05 01:35:37 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	166461	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	707814	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	330136	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	593760	20.00	ng	0.00
75) Chrysene-d12	14.04	240	487027	20.00	ng	0.00
86) Perylene-d12	15.51	264	407013	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1401204	127.84	ng	0.01
7) Phenol-d6	6.50	99	1670006	126.54	ng	0.00
23) Nitrobenzene-d5	7.44	82	1029203	100.87	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	374546	140.95	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1783988	89.67	ng	0.00
78) Terphenyl-d14	12.99	244	1720351	83.64	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.72	88	216695	40.026	ng	# 85
3) Pyridine	3.49	79	620480	41.482	ng	85
4) n-Nitrosodimethylamine	3.43	42	312316	48.801	ng	91
6) Aniline	6.54	93	384726	19.740	ng	96
8) 2-Chlorophenol	6.66	128	518545	45.952	ng	97
9) Benzaldehyde	6.43	77	208090	21.231	ng	96
10) Phenol	6.51	94	626575	44.300	ng	93
11) bis(2-Chloroethyl)ether	6.61	93	505894	42.984	ng	90
12) 1,3-Dichlorobenzene	6.82	146	534721	40.920	ng	98
13) 1,4-Dichlorobenzene	6.89	146	541153	41.572	ng	99
14) 1,2-Dichlorobenzene	7.05	146	499823	41.225	ng	98
15) Benzyl Alcohol	7.02	79	464702	45.798	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	966509	43.230	ng	96
17) 2-Methylphenol	7.12	107	453930	43.610	ng	99
18) Hexachloroethane	7.39	117	198308	44.426	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	359482	41.312	ng	90
20) 3+4-Methylphenols	7.27	107	543442	42.337	ng	# 86
22) Acetophenone	7.29	105	713471	41.191	ng	# 95
24) Nitrobenzene	7.46	77	552726	46.054	ng	99
25) Isophorone	7.70	82	1037565	44.161	ng	99
26) 2-Nitrophenol	7.77	139	261817	52.178	ng	99
27) 2,4-Dimethylphenol	7.80	122	505879	50.964	ng	100
28) bis(2-Chloroethoxy)methane	7.90	93	637239	45.785	ng	100
29) 2,4-Dichlorophenol	8.01	162	430925	47.756	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	424117	41.547	ng	98
31) Naphthalene	8.18	128	1458808	42.184	ng	99
32) Benzoic acid	7.92	122	332433	47.578	ng	99
33) 4-Chloroaniline	8.22	127	142555	9.569	ng	96
34) Hexachlorobutadiene	8.30	225	216975	41.480	ng	98
35) Caprolactam	8.59	113	157647m	50.307	ng	
36) 4-Chloro-3-methylphenol	8.70	107	484686	47.806	ng	98
37) 2-Methylnaphthalene	8.87	142	989832	43.718	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	355918	39.595	ng	98
40) Hexachlorocyclopentadiene	9.03	237	424378	99.312	ng	98

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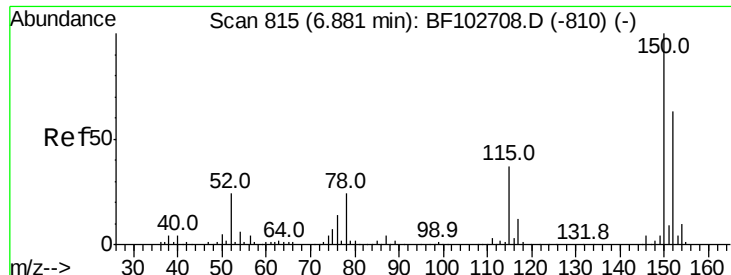
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	295586	50.063	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	295942	44.472	nq	98
45) 1,1'-Biphenyl	9.34	154	1141587	41.055	nq	99
46) 2-Chloronaphthalene	9.36	162	904609	41.323	nq	97
47) 2-Nitroaniline	9.45	65	318903	47.266	nq	85
48) Acenaphthylene	9.78	152	1394598	41.017	nq	99
49) Dimethylphthalate	9.63	163	1087181	42.235	nq	100
50) 2,6-Dinitrotoluene	9.70	165	241942	49.403	nq	98
51) Acenaphthene	9.95	154	913412	44.922	nq	99
52) 3-Nitroaniline	9.86	138	128535	21.330	nq	93
53) 2,4-Dinitrophenol	9.97	184	180466	96.004	nq	# 19
54) Dibenzofuran	10.12	168	1247019	43.518	nq	97
55) 4-Nitrophenol	10.02	139	467283	93.640	nq	94
56) 2,4-Dinitrotoluene	10.10	165	329056	49.965	nq	95
57) Fluorene	10.46	166	901621	43.245	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	235359	51.029	nq	97
59) Diethylphthalate	10.34	149	1108174	43.599	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	403257	43.723	nq	97
61) 4-Nitroaniline	10.48	138	275419	48.018	nq	95
62) Azobenzene	10.62	77	1097184	43.210	nq	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	126368	50.283	nq	96
65) n-Nitrosodiphenylamine	10.57	169	868273	41.458	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	264369	42.091	nq	96
67) Hexachlorobenzene	11.01	284	281434	40.617	nq	94
68) Atrazine	11.10	200	271802	43.991	nq	98
69) Pentachlorophenol	11.20	266	320443	78.782	nq	99
70) Phenanthrene	11.43	178	1371829	41.484	nq	99
71) Anthracene	11.48	178	1421952	42.277	nq	100
72) Carbazole	11.63	167	1364296	41.404	nq	99
73) Di-n-butylphthalate	11.96	149	1782107	44.523	nq	99
74) Fluoranthene	12.62	202	1425732	42.852	nq	98
76) Benzidine	12.73	184	507167	22.658	nq	98
77) Pyrene	12.85	202	1464024	38.335	nq	99
79) Butylbenzylphthalate	13.46	149	783029	42.973	nq	99
80) Benzo(a)anthracene	14.03	228	1206984	39.406	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	189425	16.680	nq	99
82) Chrysene	14.07	228	1190903	38.570	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	1023782	43.760	nq	99
84) Di-n-octyl phthalate	14.63	149	1773206	50.478	nq	97
85) Indeno(1,2,3-cd)pyrene	16.99	276	1009404	39.418	nq	99
87) Benzo(b)fluoranthene	15.08	252	1143099	43.319	nq	100
88) Benzo(k)fluoranthene	15.11	252	1030426	40.868	nq	99
89) Benzo(a)pyrene	15.45	252	1016364	42.790	nq	98
90) Dibenzo(a,h)anthracene	17.01	278	834095	43.264	nq	99
91) Benzo(g,h,i)perylene	17.44	276	846799	44.875	nq	99

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



#1

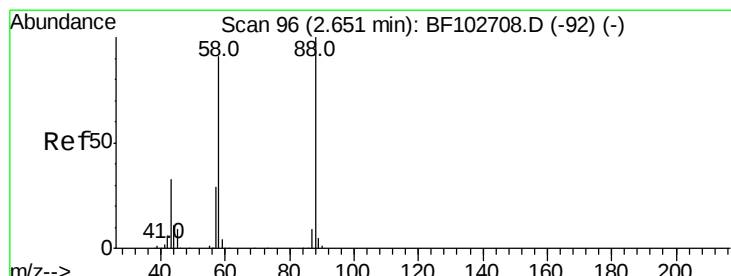
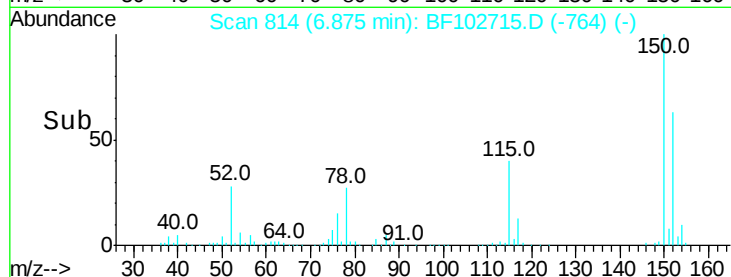
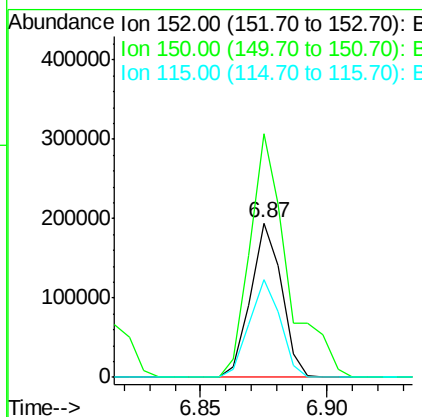
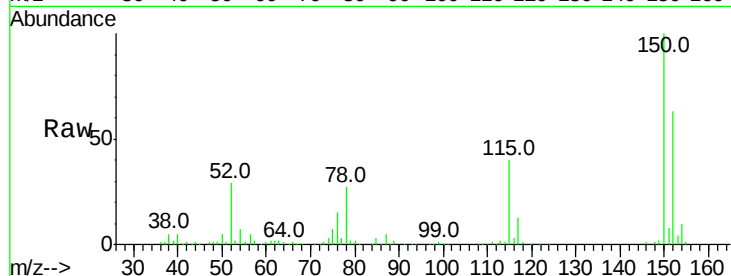
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Instrument :
BNA_F
ClientSampleId :
PB106243BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.6	186.8
115	63.4	50.1	75.1

Manual Integrations
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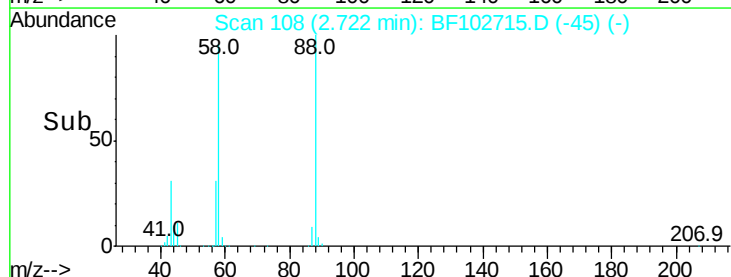
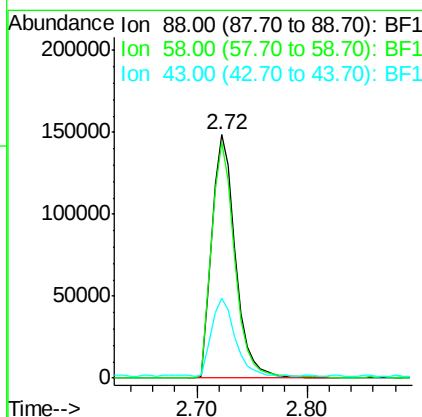
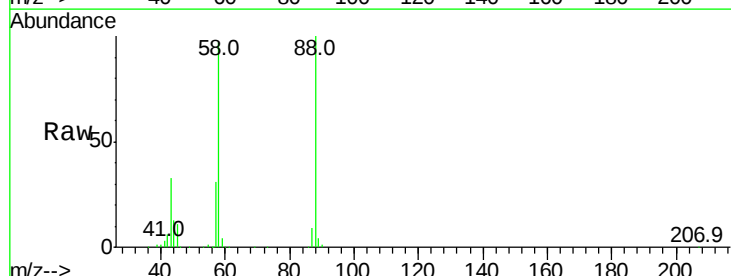
Sohil
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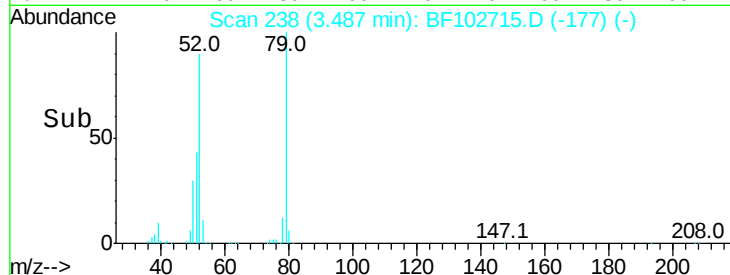
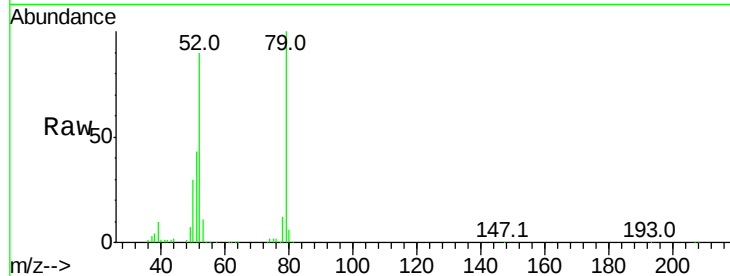
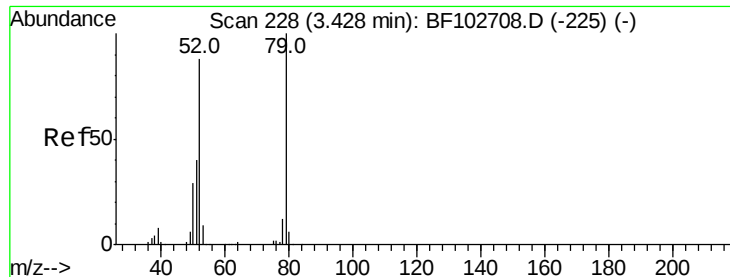


#2

1,4-Dioxane
Concen: 40.026 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.07 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.2	62.6	93.8#
43	32.3	24.6	37.0





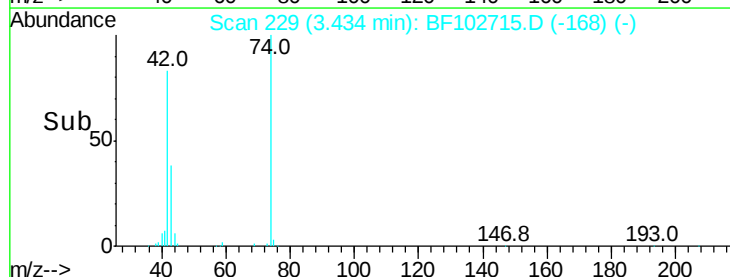
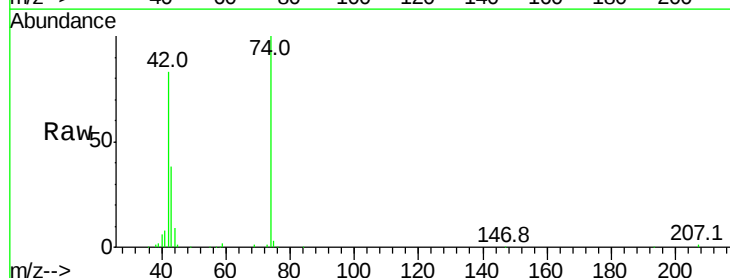
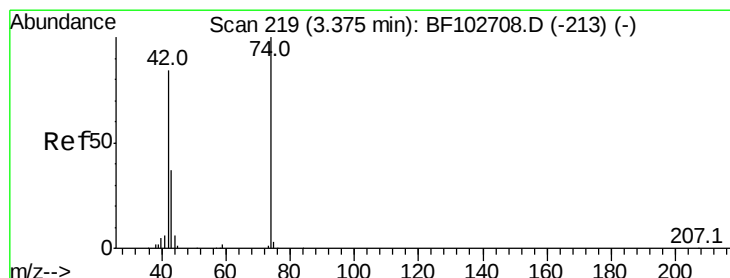
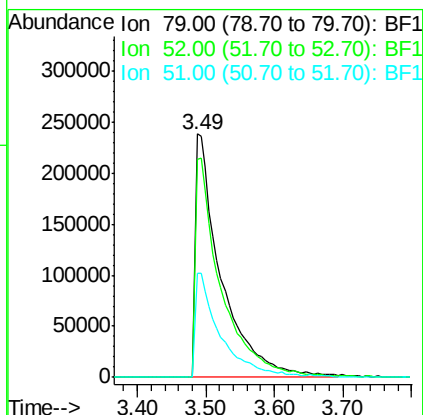
#3
Pvridine
Concen: 41.482 ng
RT: 3.49 min Scan# 238
Delta R.T. 0.06 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	89.5	59.8	89.6		
51	42.6	29.8	44.8		

Instrument :
BNA_F
ClientSampleId :
PB106243BS

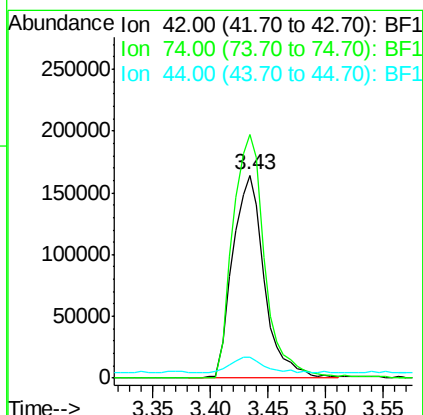
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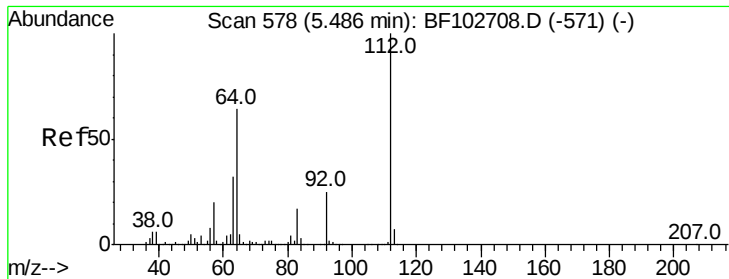
Sohil
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#4
n-Nitrosodimethylamine
Concen: 48.801 ng
RT: 3.43 min Scan# 229
Delta R.T. 0.06 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	119.8	104.9	157.3		
44	10.2	6.9	10.3		





#5

2-Fluorophenol

Concen: 127.835 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

ClientSampleId :

PB106243BS

Tot Ion:112 Resp: 1401204

Ion Ratio Lower Upper

112 100

64 64.3 47.9 71.9

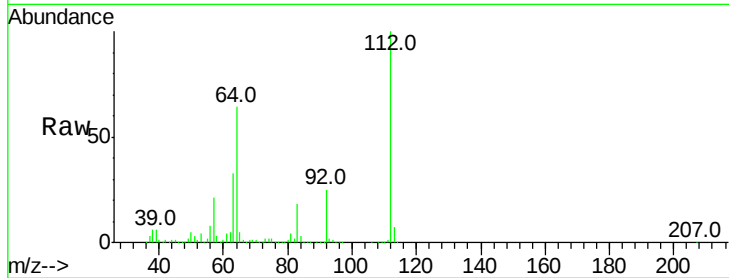
63 33.0 23.7 35.5

Manual Integrations

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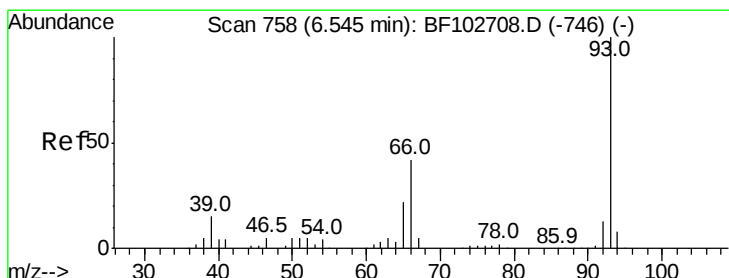
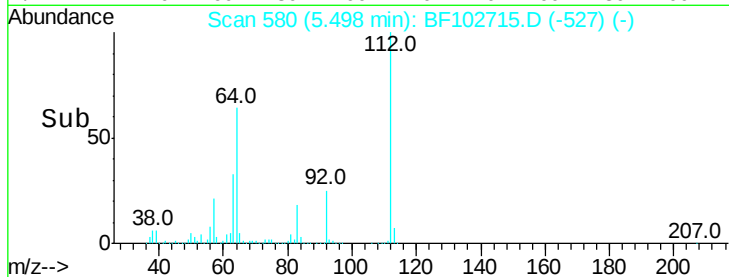
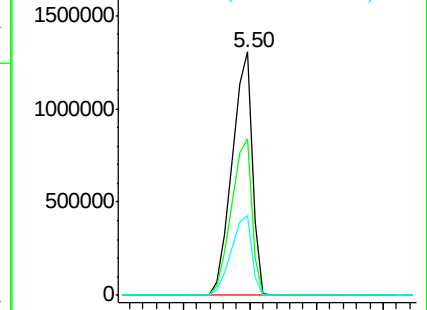
2/5/2018 11:05:13 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.740 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

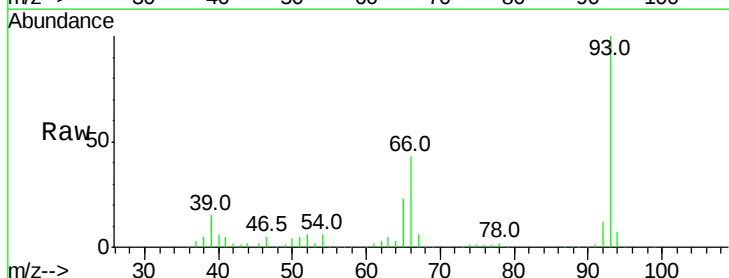
Tgt Ion: 93 Resp: 384726

Ion Ratio Lower Upper

93 100

66 42.8 32.2 48.2

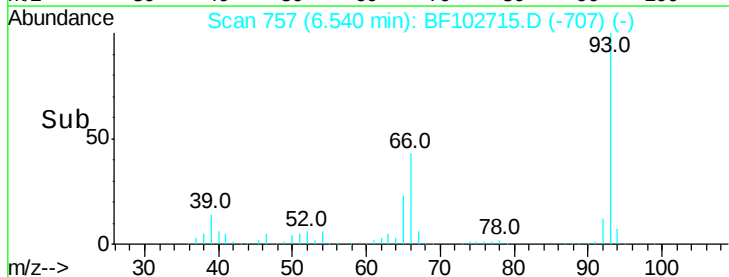
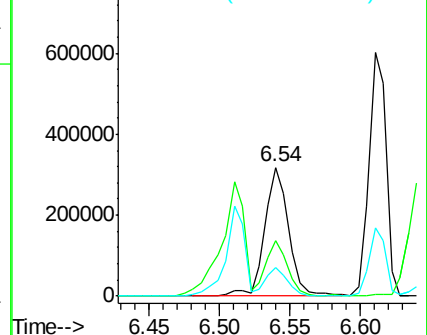
65 22.5 16.4 24.6

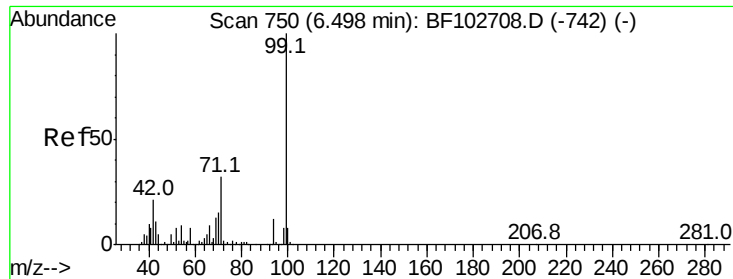


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 126.537 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

ClientSampleId :

PB106243BS

Tot Ion: 99 Resp: 1670006

Ion Ratio Lower Upper

99 100

42 21.3 14.5 21.7

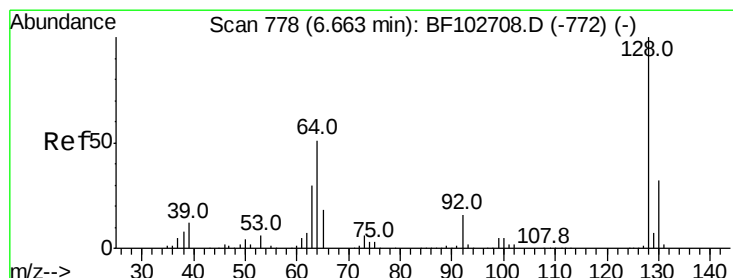
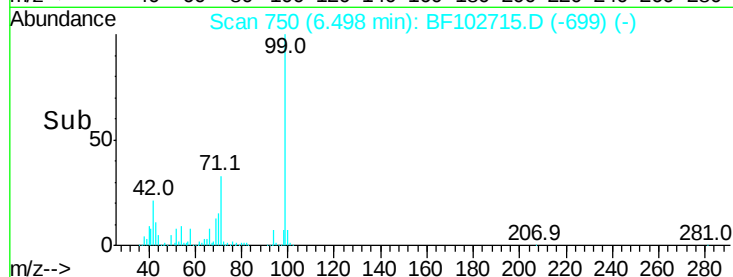
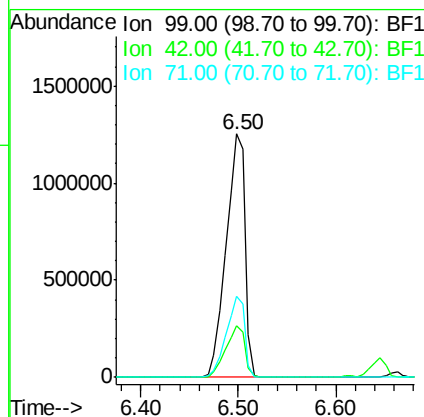
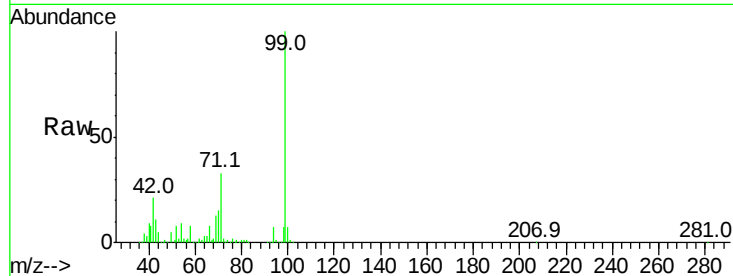
71 33.3 25.4 38.0

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#8

2-Chlorophenol

Concen: 45.952 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

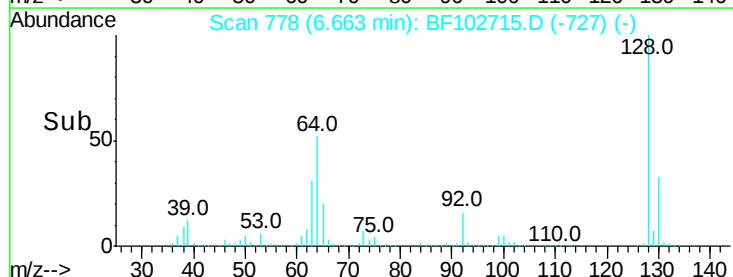
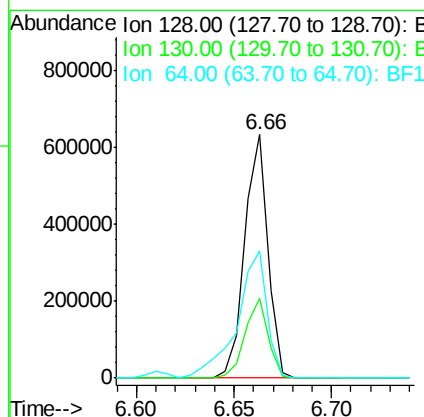
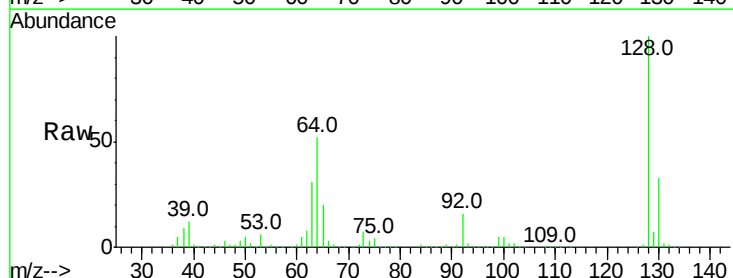
Tgt Ion: 128 Resp: 518545

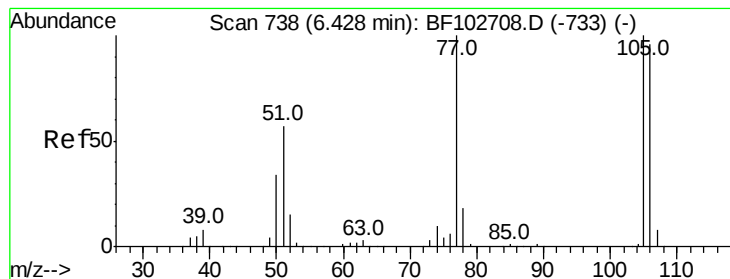
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 52.2 29.4 69.4





#9

Benzaldehyde

Concen: 21.231 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

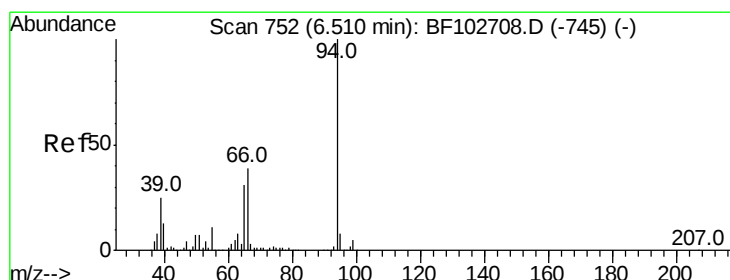
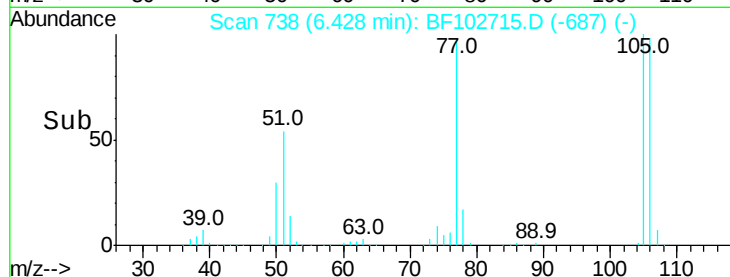
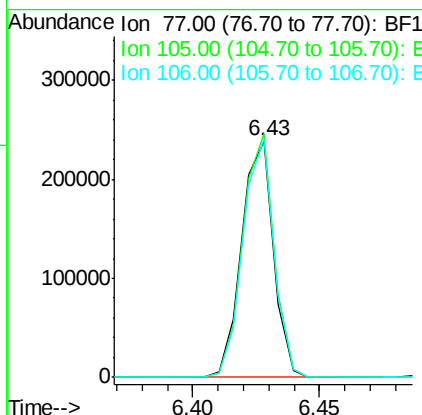
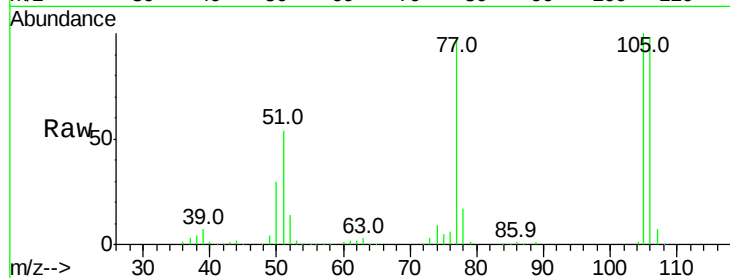
ClientSampleId :

PB106243BS

Tot Ion:	77	Resp:	208090
Ion Ratio	Lower	Upper	
77	100		
105	103.0	81.1	121.1
106	100.7	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 44.300 ng

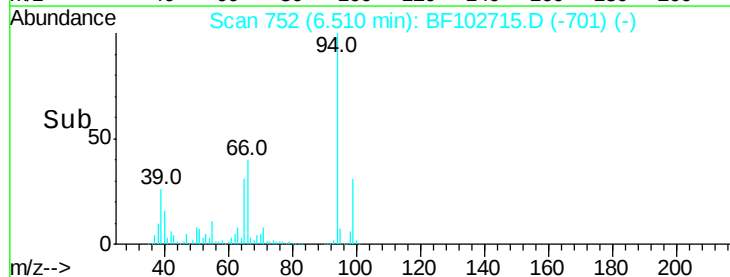
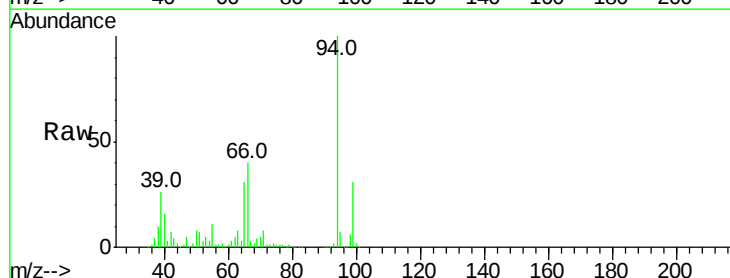
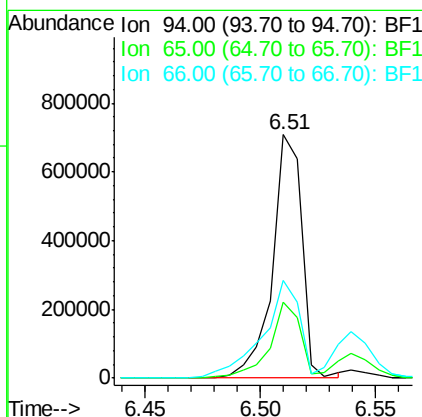
RT: 6.51 min Scan# 752

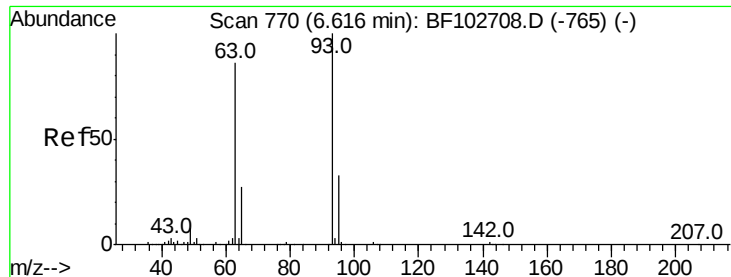
Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Tgt Ion:	94	Resp:	626575
Ion Ratio	Lower	Upper	
94	100		
65	31.5	7.9	47.9
66	40.1	16.2	56.2





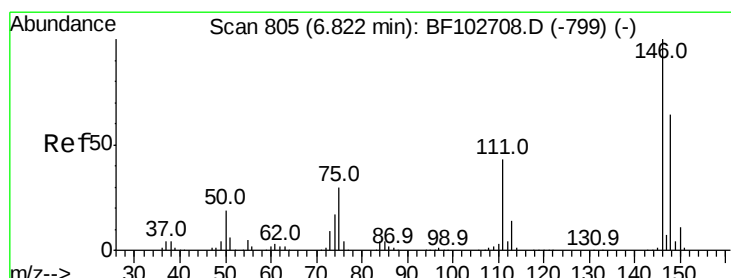
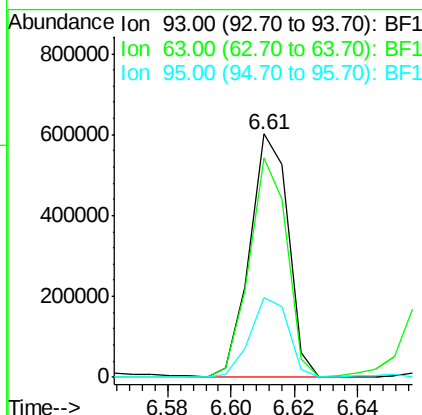
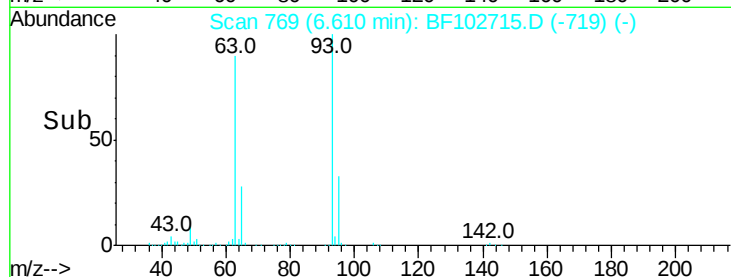
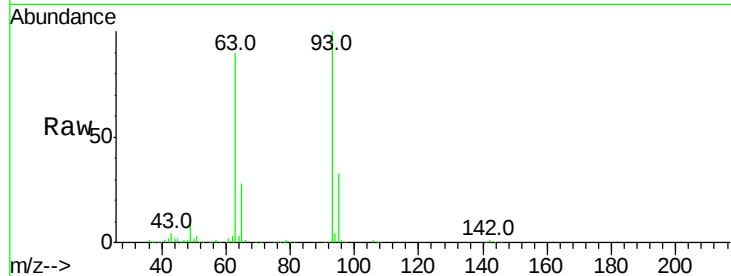
#11
bis(2-Chloroethyl)ether
Concen: 42.984 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Instrument :
BNA_F
ClientSampleId :
PB106243BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.9	58.6	98.6
95	33.0	11.8	51.8

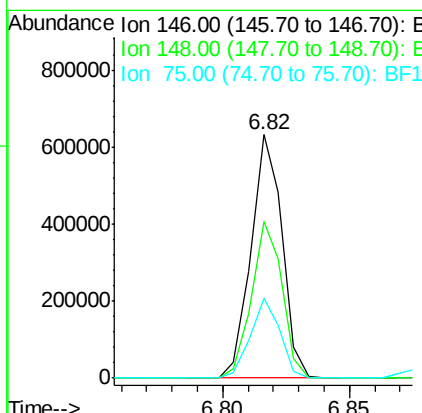
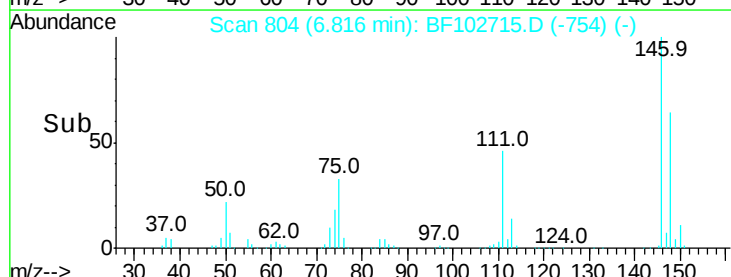
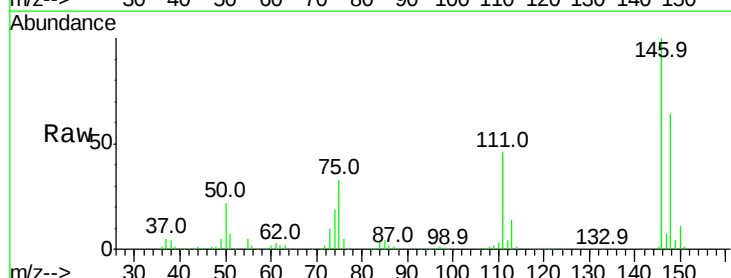
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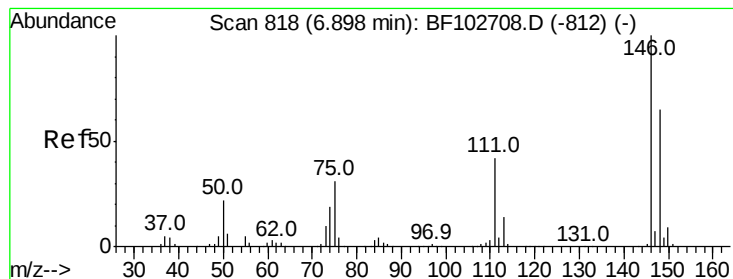
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#12
1,3-Dichlorobenzene
Concen: 40.920 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
75	32.6	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 41.572 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

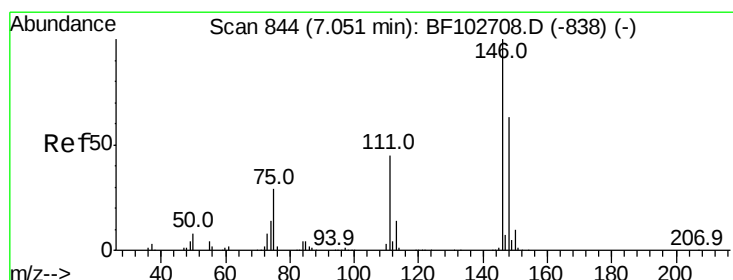
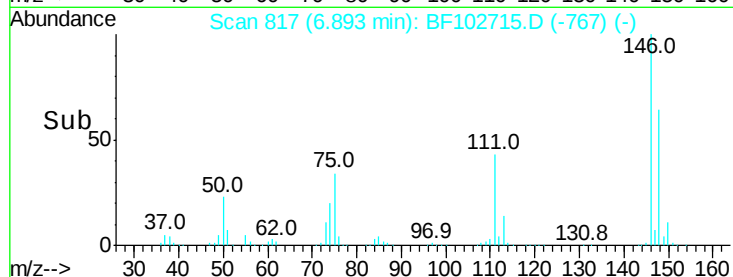
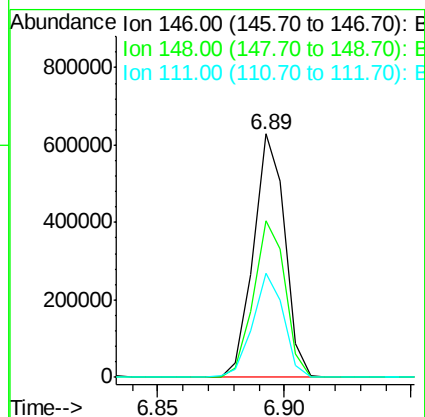
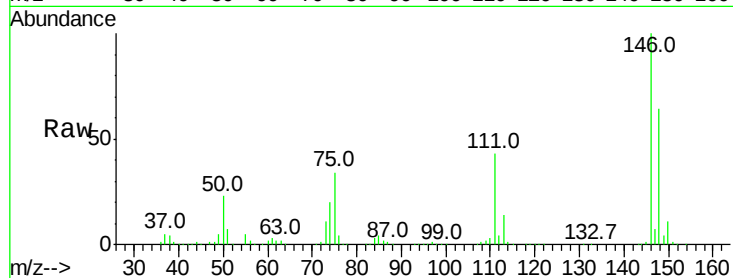
ClientSampleId :

PB106243BS

Tot Ion:	146	Resp:	541153
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.8	76.2
111	42.8	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 41.225 ng

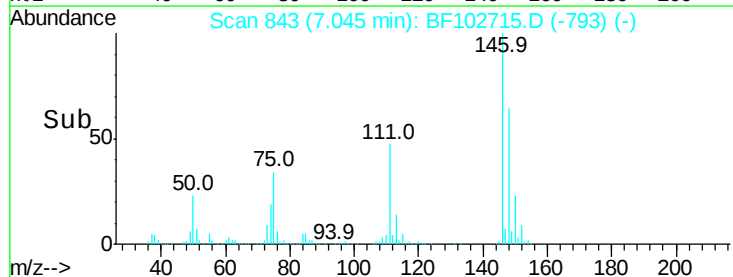
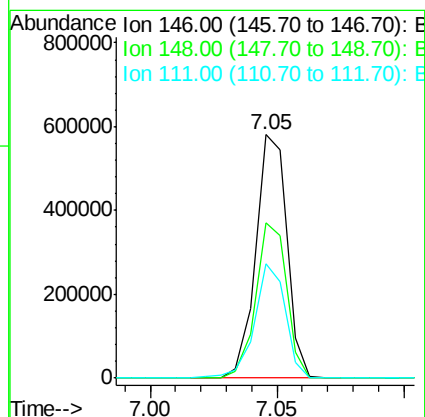
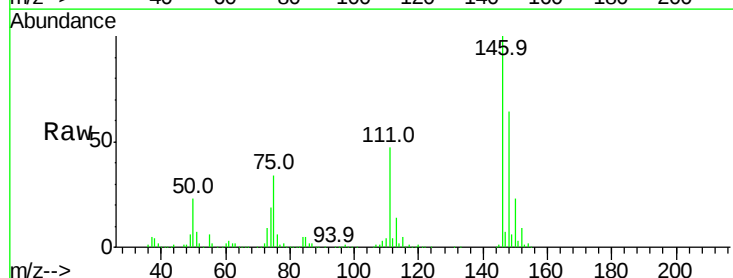
RT: 7.05 min Scan# 843

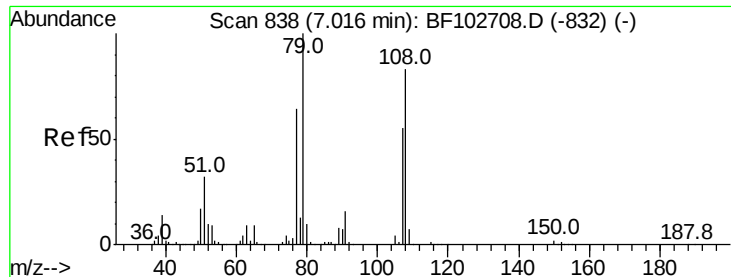
Delta R.T. -0.01 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Tgt Ion:	146	Resp:	499823
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.6	75.8
111	46.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 45.798 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

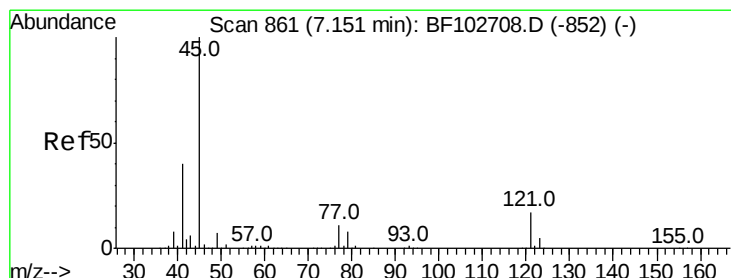
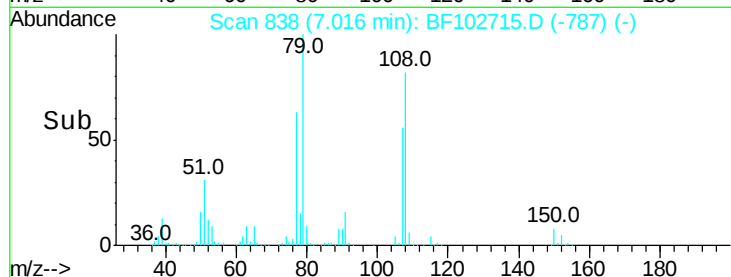
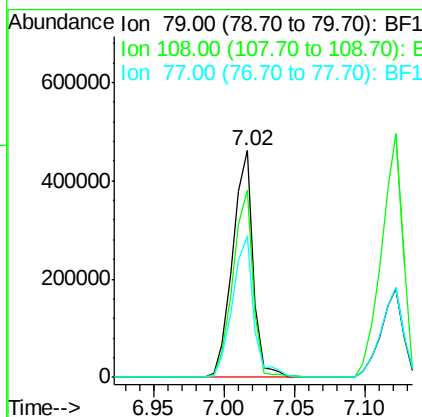
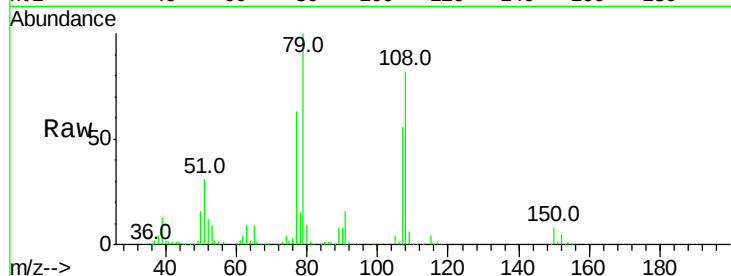
ClientSampleId :

PB106243BS

Tot Ion:	79	Resp:	464702
Ion Ratio	Lower	Upper	
79	100		
108	82.5	65.1	97.7
77	62.6	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.230 ng

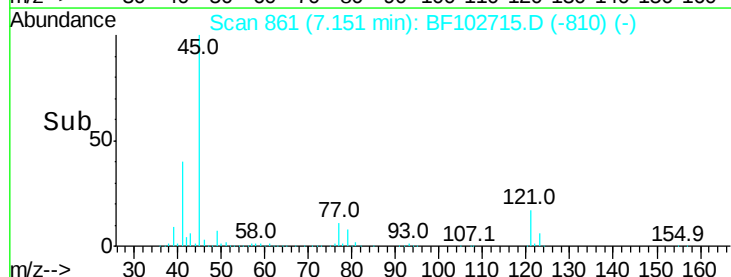
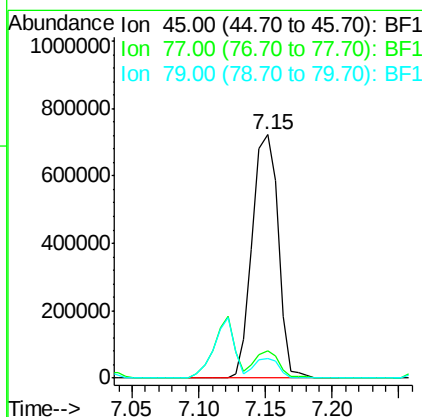
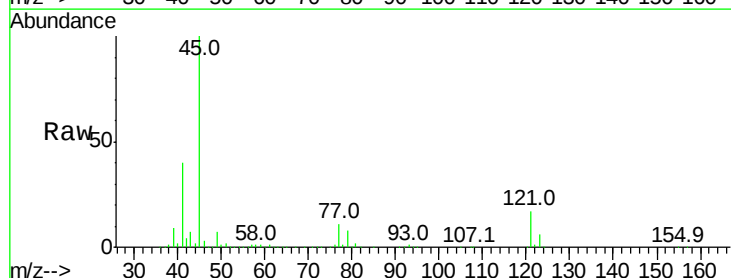
RT: 7.15 min Scan# 861

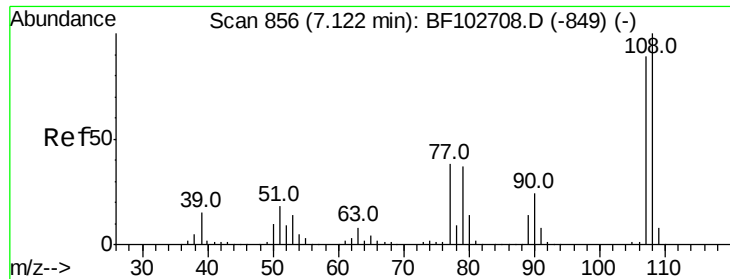
Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Tgt Ion:	45	Resp:	966509
Ion Ratio	Lower	Upper	
45	100		
77	11.1	0.0	32.9
79	8.2	0.0	29.6





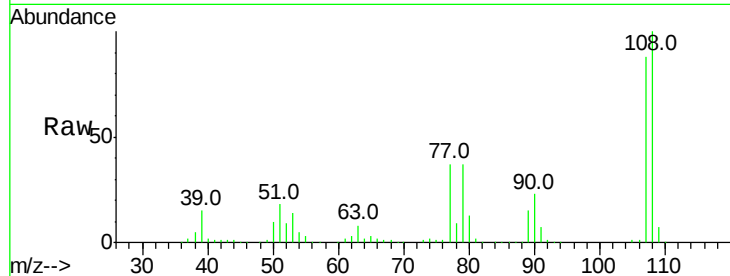
#17
2-Methylphenol
Concen: 43.610 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Instrument :
BNA_F
ClientSampleId :
PB106243BS

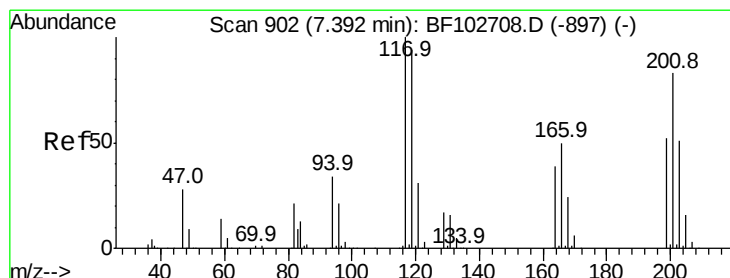
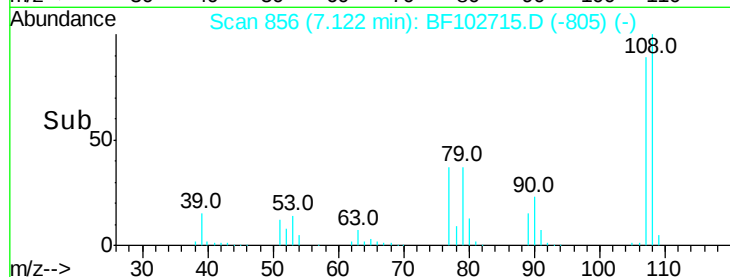
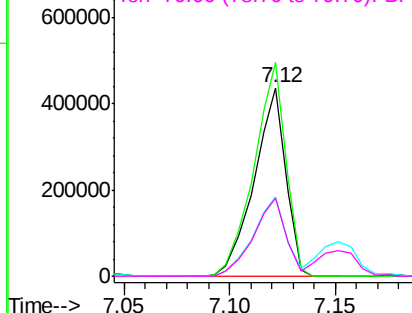
Tot Ion	Ratio	Resp	Lower	Upper
107	100	453930		
108	113.4	91.7	137.5	
77	42.1	33.8	50.8	
79	41.6	33.8	50.8	

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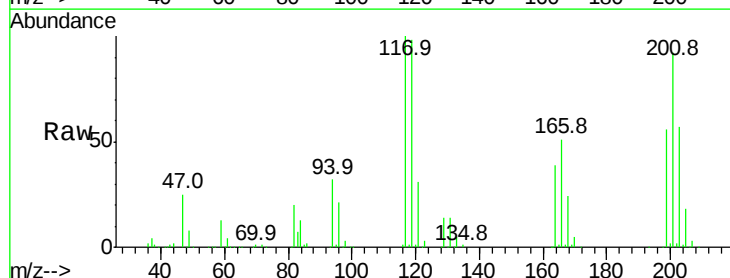


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

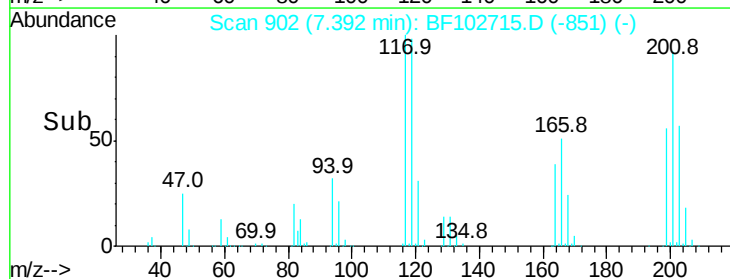
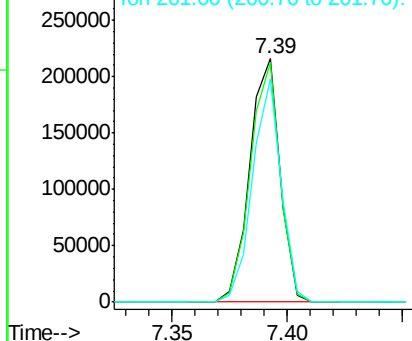


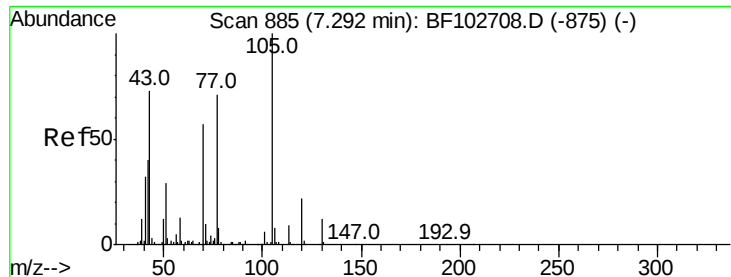
#18
Hexachloroethane
Concen: 44.426 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	198308		
119	98.3	75.8	113.8	
201	91.6	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





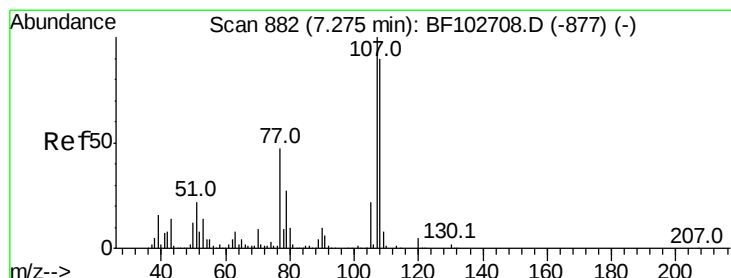
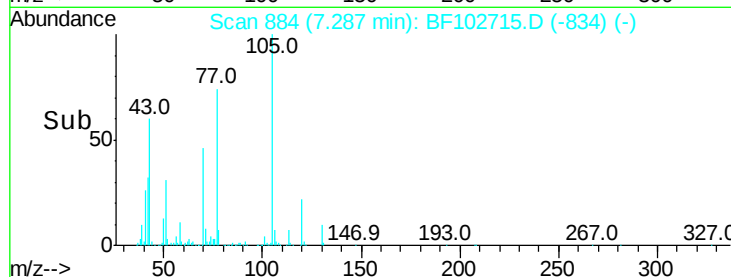
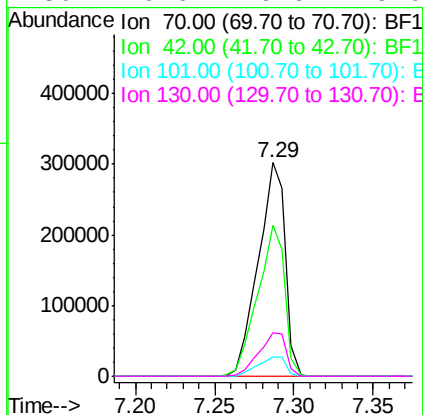
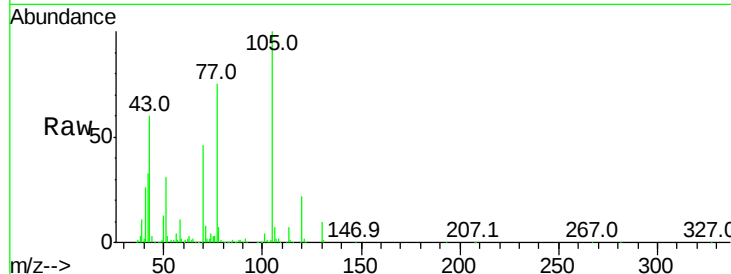
#19
n-Nitroso-di-n-propylamine
Concen: 41.312 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Instrument :
BNA_F
ClientSampleId :
PB106243BS

Tot Ion	70	Resp	359482
Ion Ratio	Lower	Upper	
70	100		
42	70.6	47.5	71.3
101	8.9	7.4	11.2
130	20.6	16.6	25.0

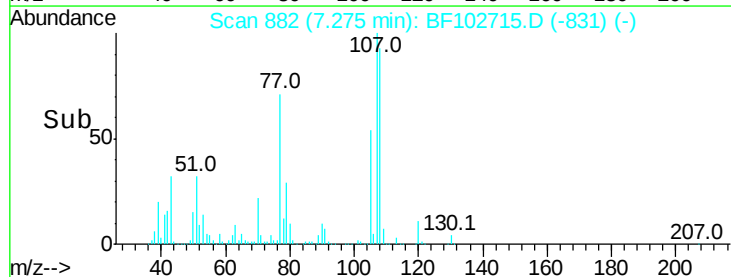
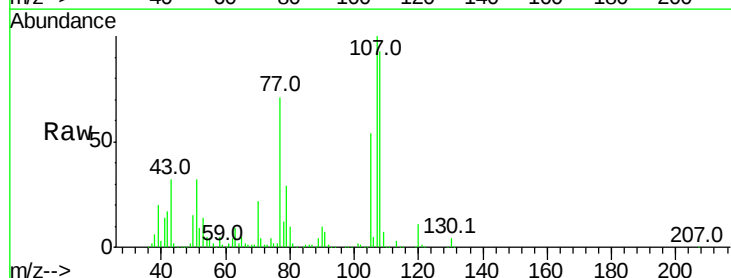
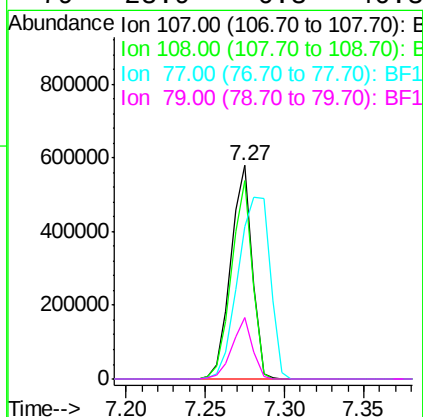
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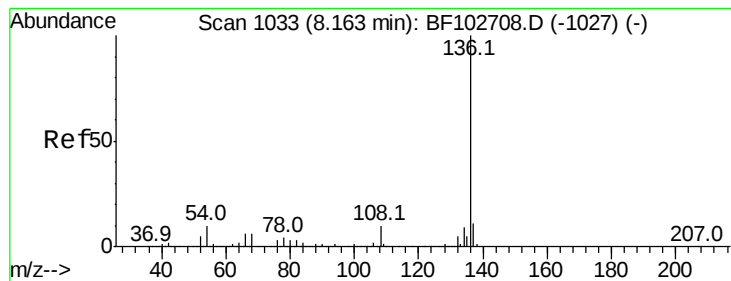
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#20
3+4-Methylphenols
Concen: 42.337 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion	107	Resp	543442
Ion Ratio	Lower	Upper	
107	100		
108	93.0	68.2	108.2
77	71.1	26.7	66.7#
79	28.9	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

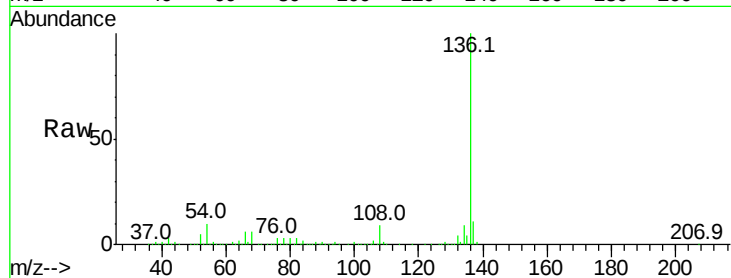
ClientSampleId :

PB106243BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	10.4	6.6	9.8	
68	6.1	5.0	7.4	

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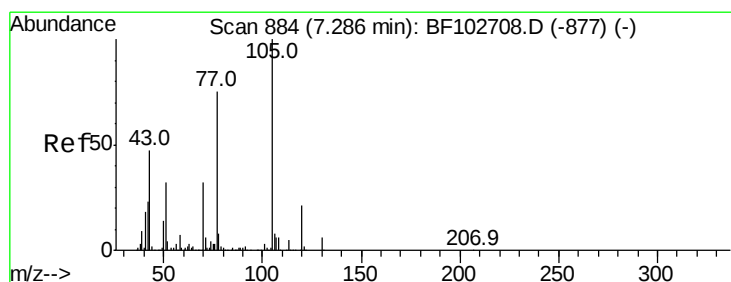
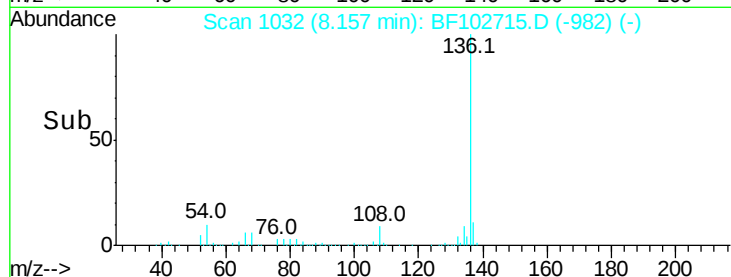
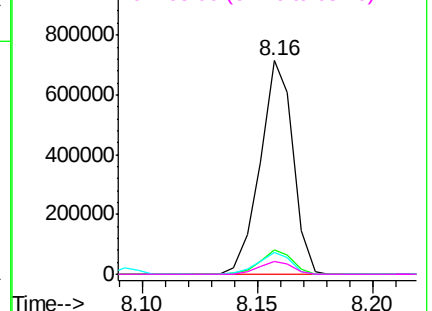
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.191 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.6	4.4	6.6	
51	31.4	22.3	33.5	
120	22.4	16.9	25.3	

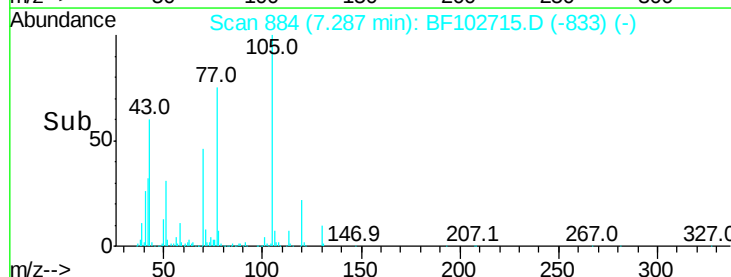
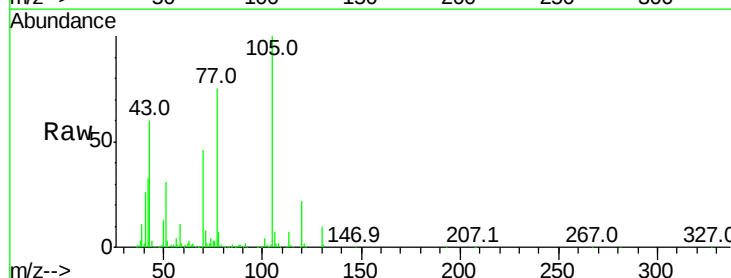
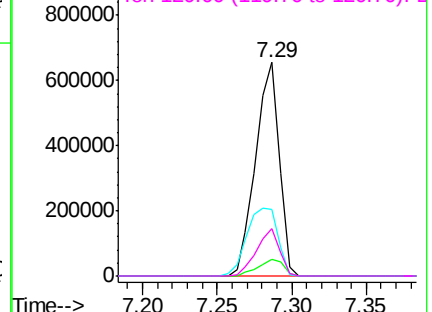
Abundance

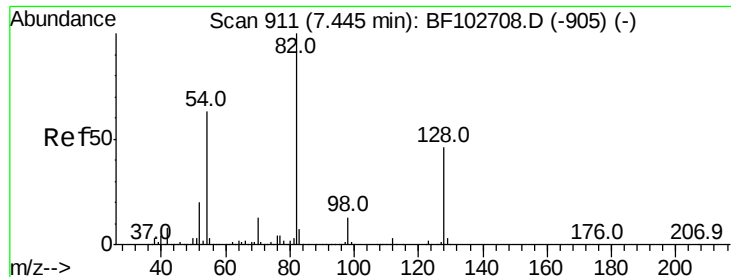
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





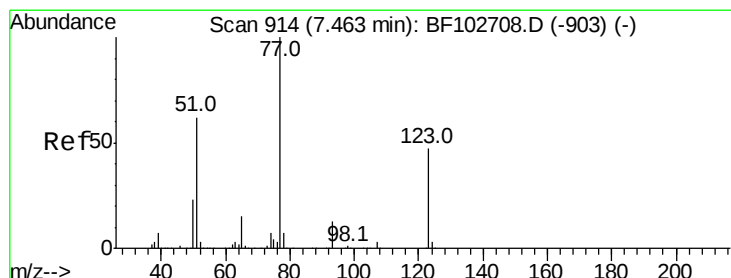
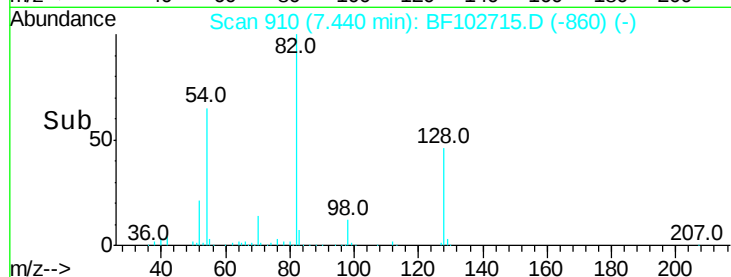
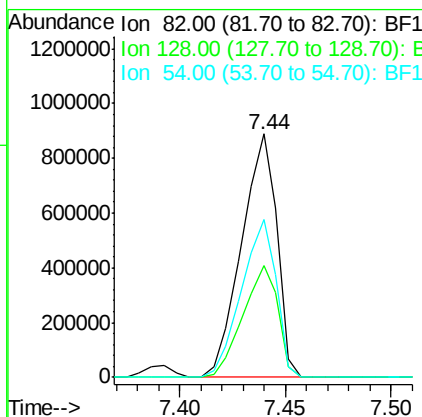
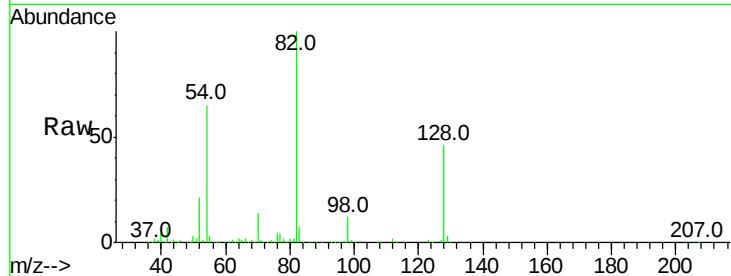
#23
Nitrobenzene-d5
Concen: 100.869 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Instrument :
BNA_F
ClientSampleId :
PB106243BS

Tot Ion: 82 Resp: 1029203
Ion Ratio Lower Upper
82 100
128 45.8 36.1 54.1
54 64.7 41.4 62.2#

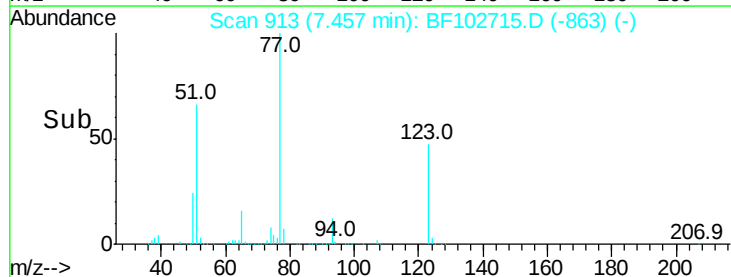
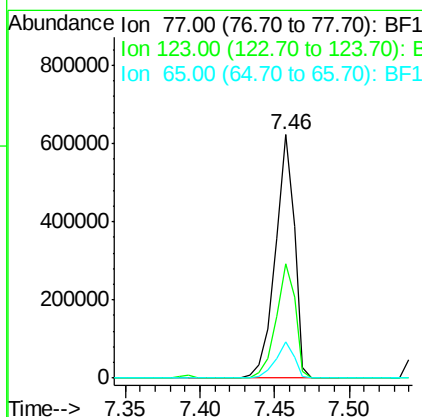
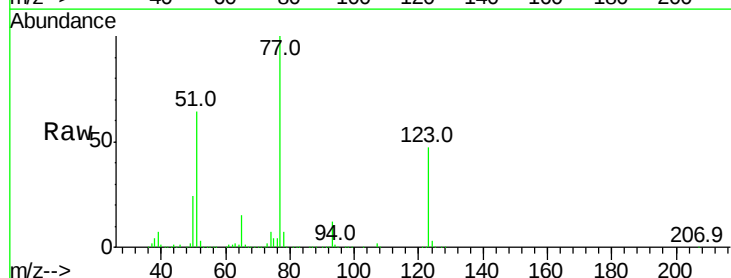
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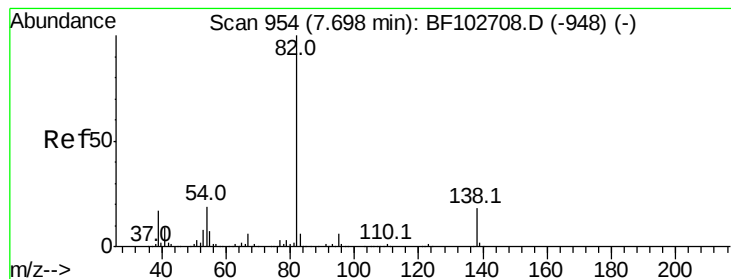
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#24
Nitrobenzene
Concen: 46.054 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion: 77 Resp: 552726
Ion Ratio Lower Upper
77 100
123 47.2 37.9 56.9
65 15.0 11.0 16.4





#25

Isophorone

Concen: 44.161 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

ClientSampleId :

PB106243BS

Tot Ion: 82 Resp: 1037565

Ion Ratio Lower Upper

82 100

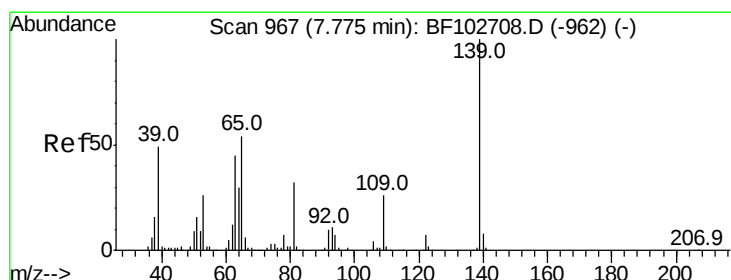
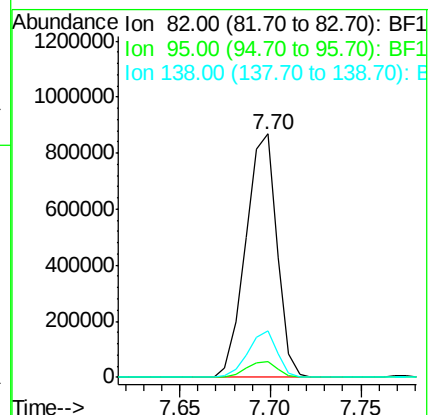
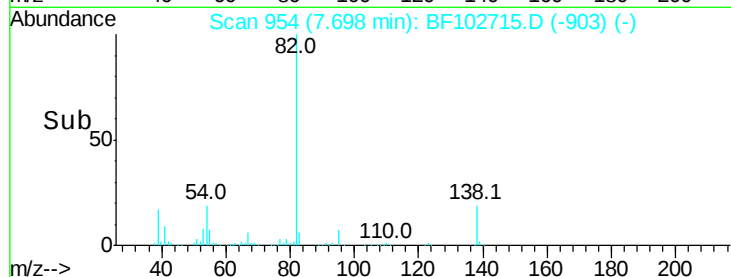
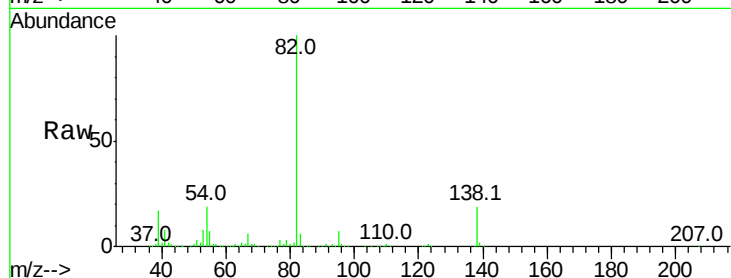
95 6.5 5.2 7.8

138 19.0 14.9 22.3

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#26

2-Nitrophenol

Concen: 52.178 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

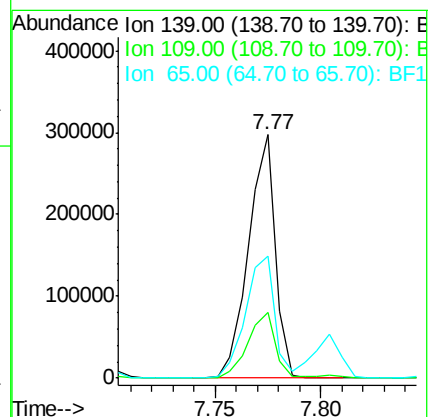
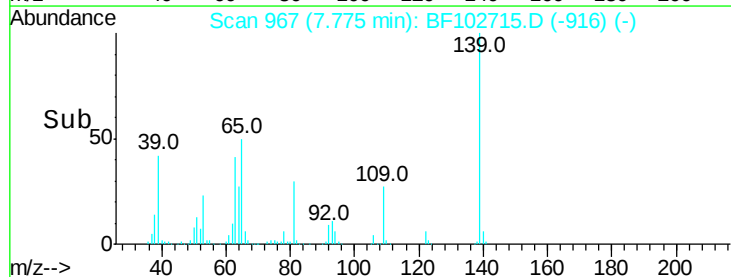
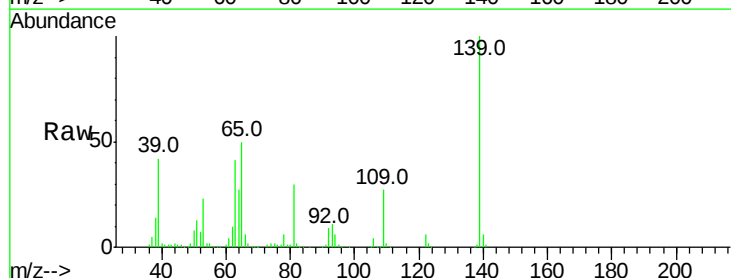
Tgt Ion: 139 Resp: 261817

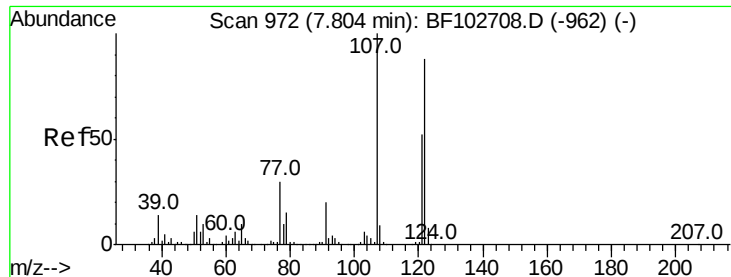
Ion Ratio Lower Upper

139 100

109 26.9 22.7 34.1

65 50.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 50.964 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

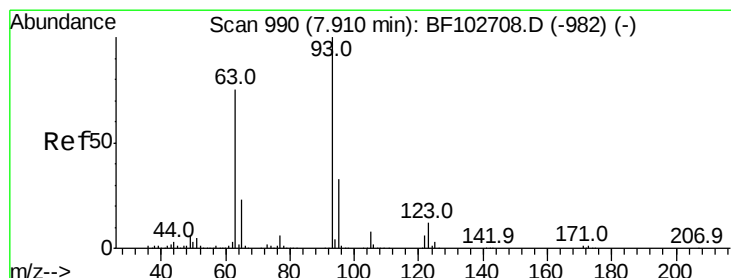
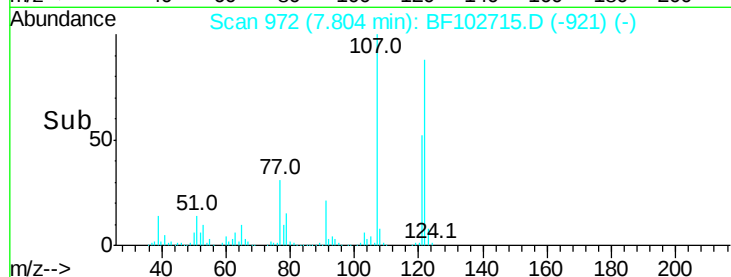
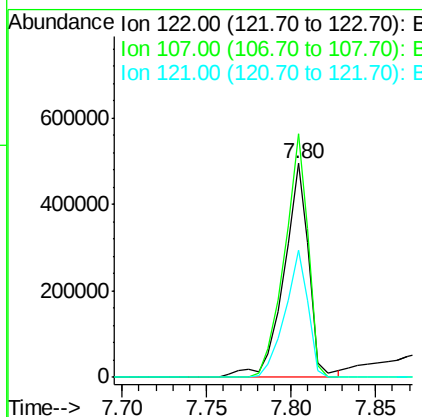
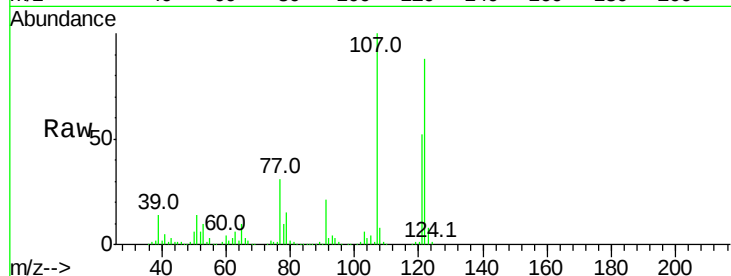
ClientSampleId :

PB106243BS

Tot Ion:	122	Resp:	505879
Ion Ratio	Lower	Upper	
122	100		
107	114.0	91.2	136.8
121	59.5	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 45.785 ng

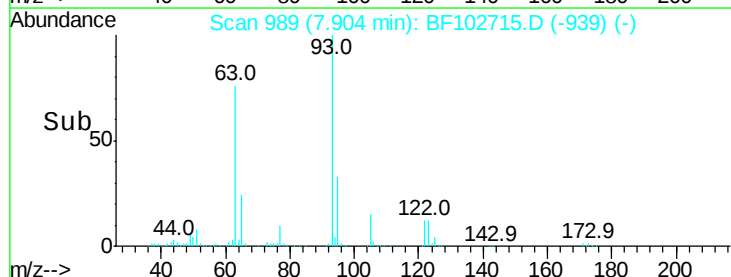
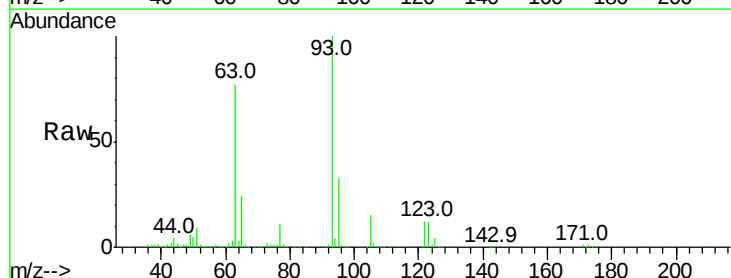
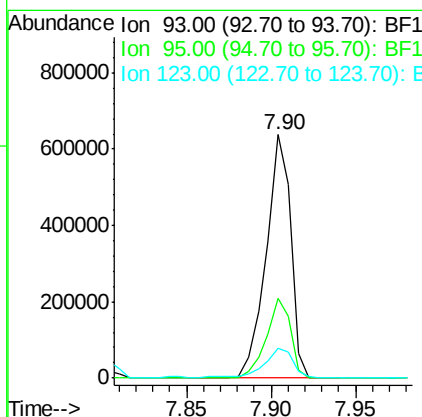
RT: 7.90 min Scan# 989

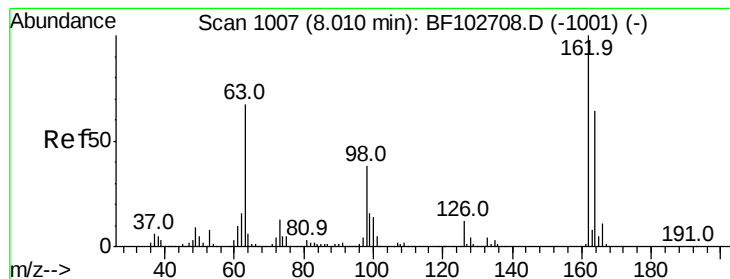
Delta R.T. -0.01 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Tgt Ion:	93	Resp:	637239
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.3	39.5
123	12.0	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 47.756 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

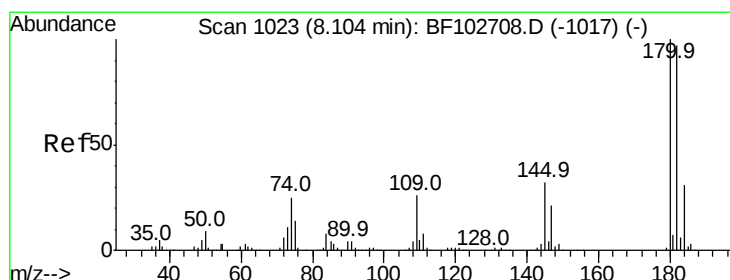
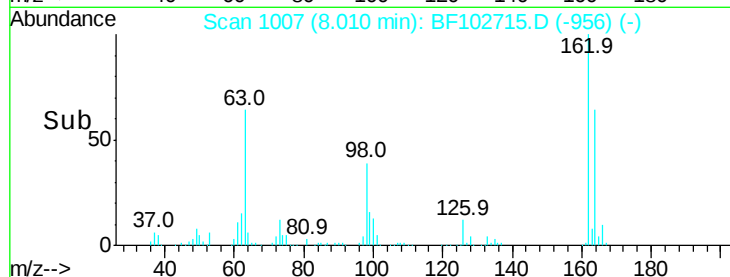
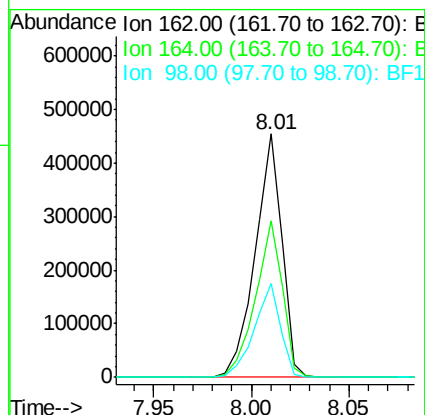
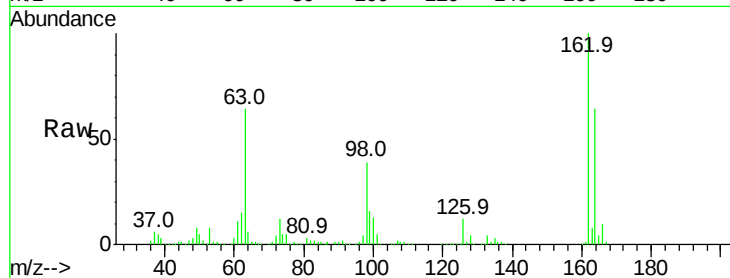
ClientSampleId :

PB106243BS

Tot Ion:	162	Resp:	430925
Ion Ratio	Lower	Upper	
162	100		
164	64.2	42.7	82.7
98	38.7	18.1	58.1

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 41.547 ng

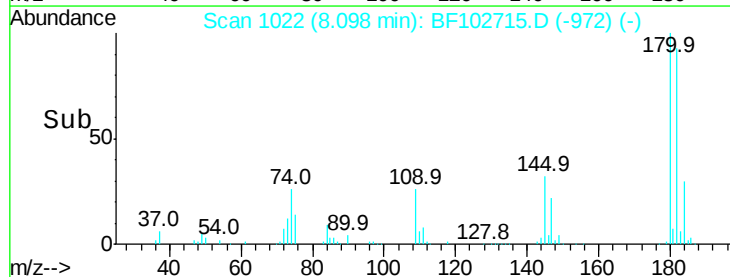
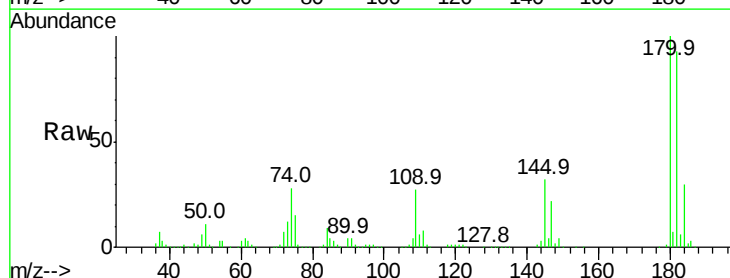
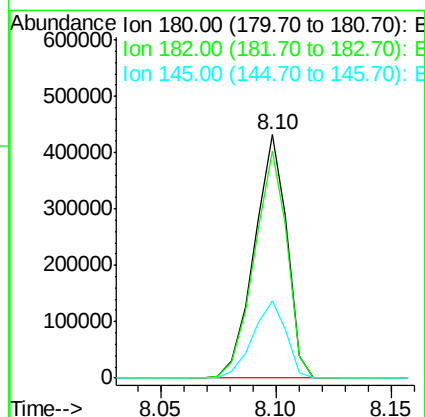
RT: 8.10 min Scan# 1022

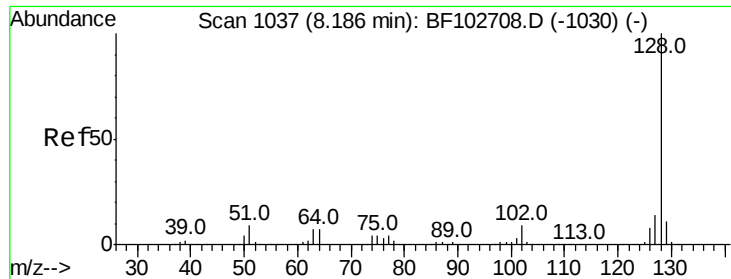
Delta R.T. -0.01 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Tgt Ion:	180	Resp:	424117
Ion Ratio	Lower	Upper	
180	100		
182	93.5	76.8	115.2
145	31.9	26.5	39.7





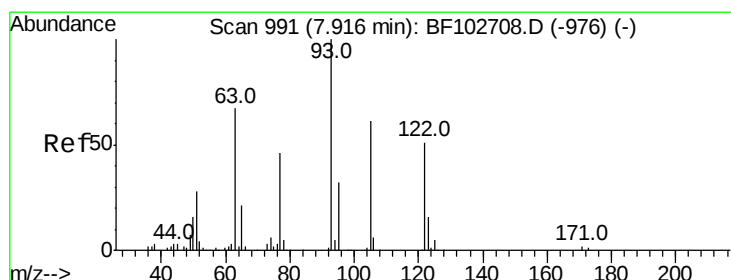
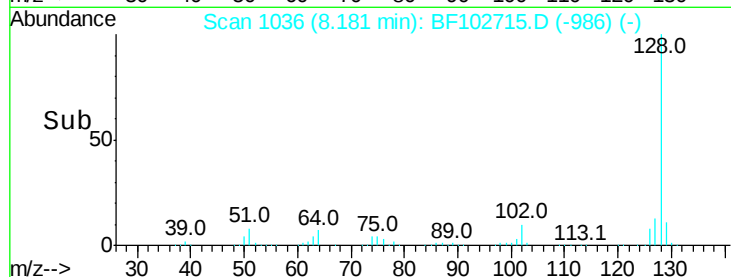
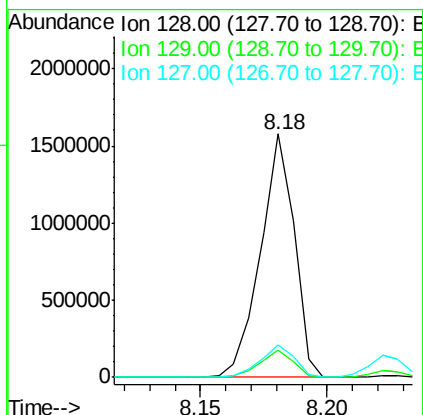
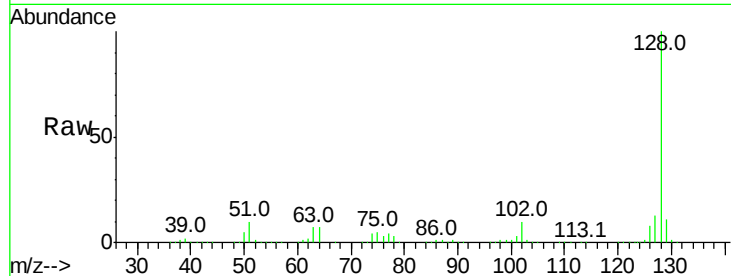
#31
Naphthalene
Concen: 42.184 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Instrument :
BNA_F
ClientSampleId :
PB106243BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.3	10.9	16.3

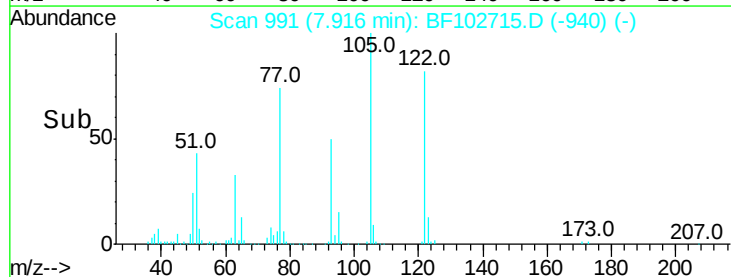
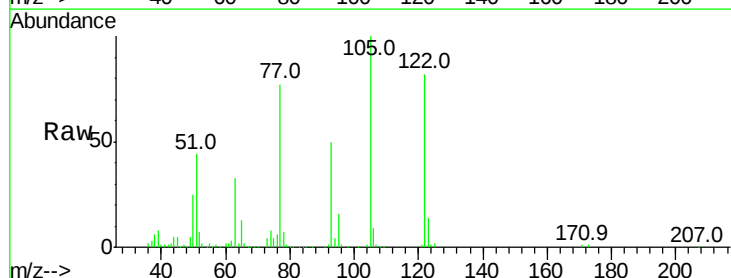
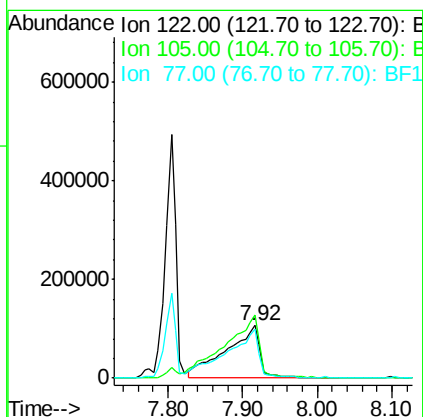
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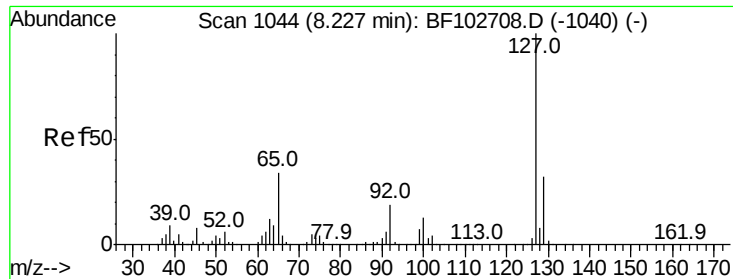
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#32
Benzoic acid
Concen: 47.578 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.7	101.1	141.1
77	93.2	70.7	110.7





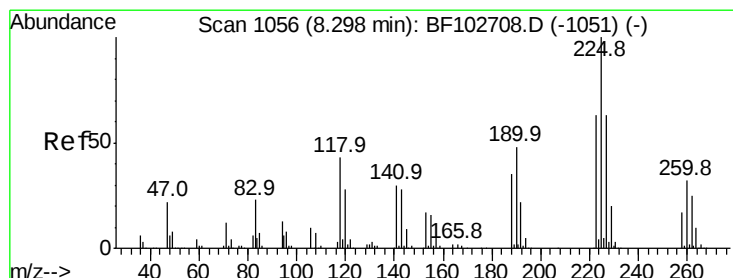
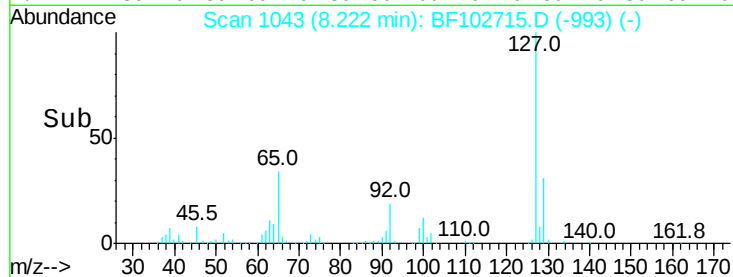
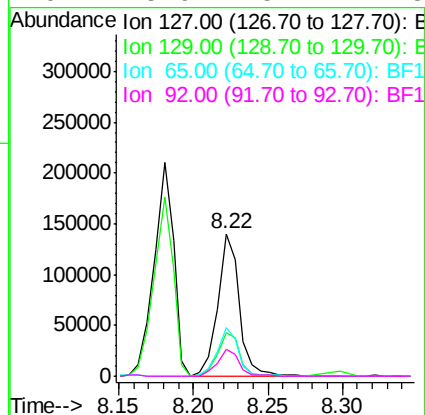
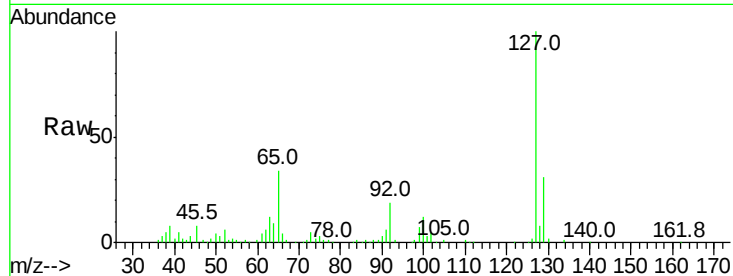
#33
4-Chloroaniline
Concen: 9.569 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Instrument :
BNA_F
ClientSampleId :
PB106243BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.8	25.9	38.9	
65	34.5	25.0	37.4	
92	18.6	15.2	22.8	

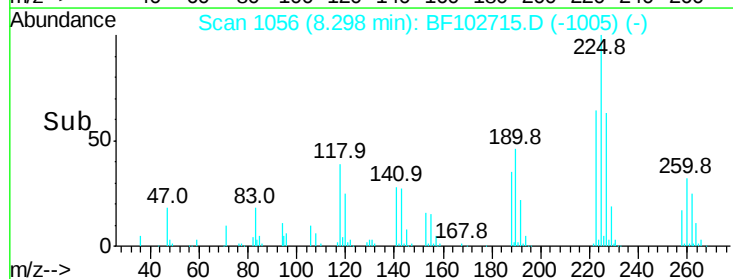
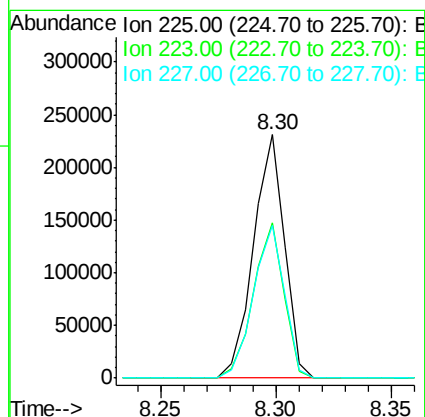
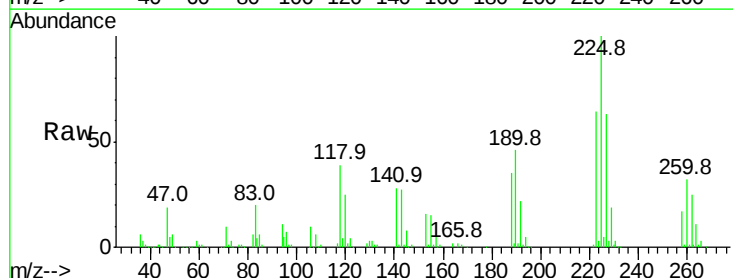
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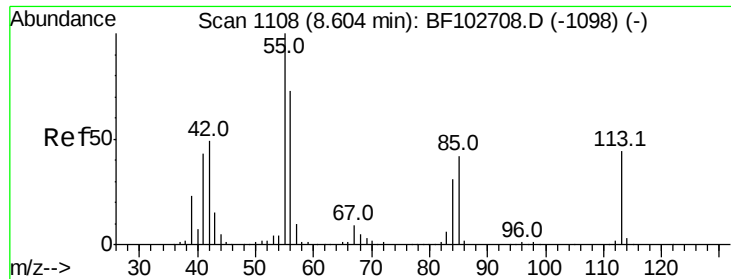
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#34
Hexachlorobutadiene
Concen: 41.480 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	50.6	76.0	
227	62.9	51.9	77.9	





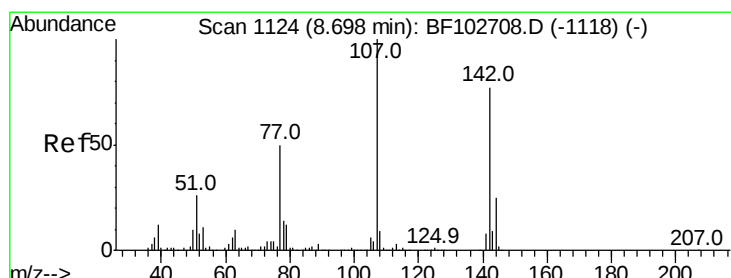
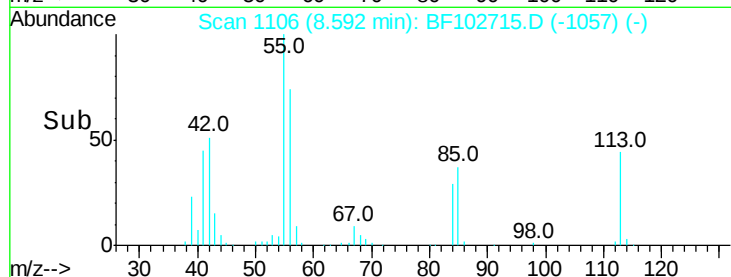
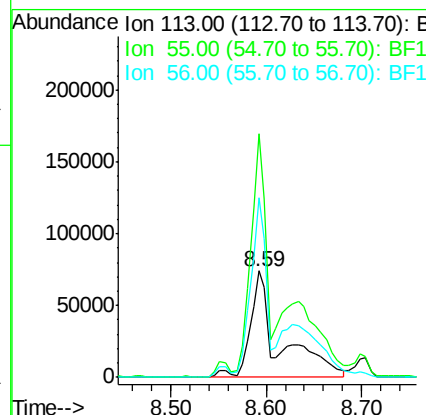
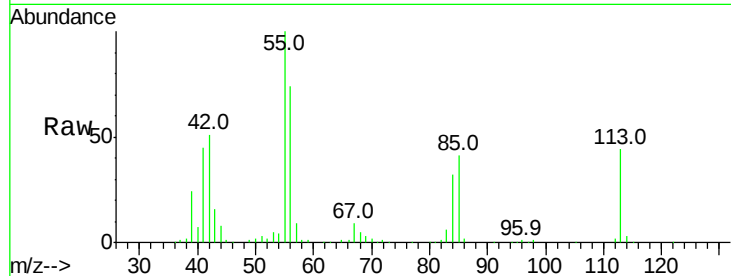
#35
 Caprolactam
 Concen: 50.307 ng/ml
 RT: 8.59 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Instrument :
 BNA_F
 ClientSampleID :
 PB106243BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	229.2	163.3	203.3#
56	169.4	115.7	155.7#

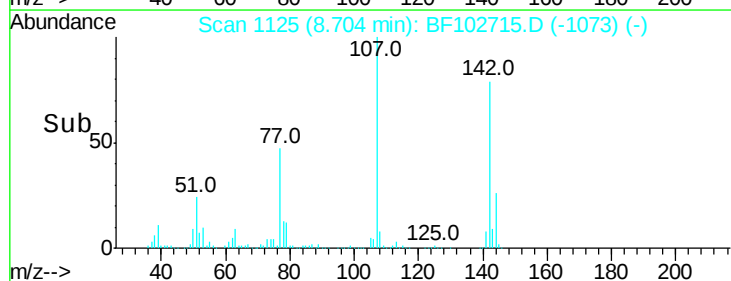
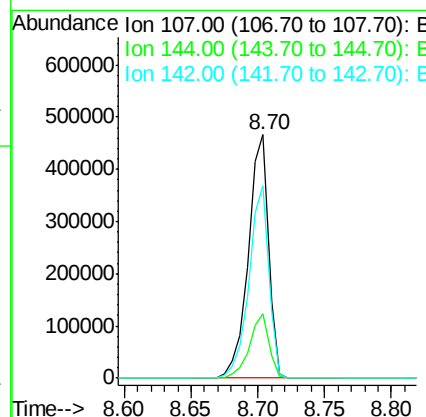
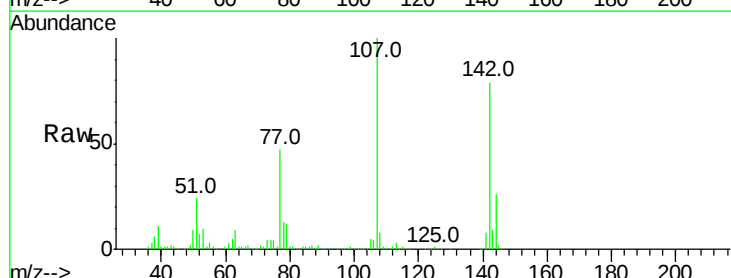
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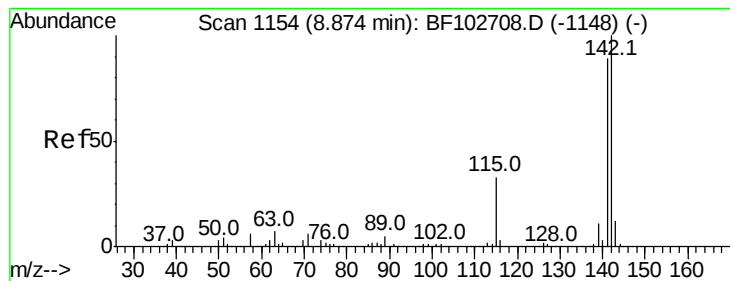
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#36
 4-Chloro-3-methylphenol
 Concen: 47.806 ng/ml
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.5	30.7
142	79.3	62.0	93.0





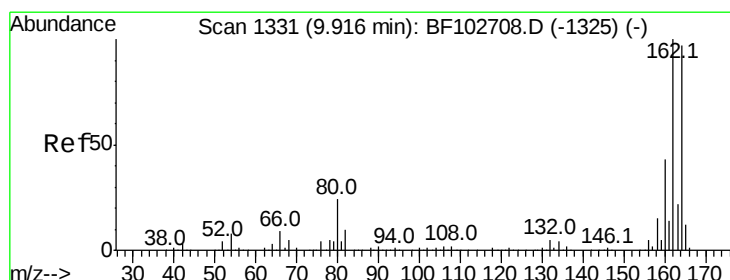
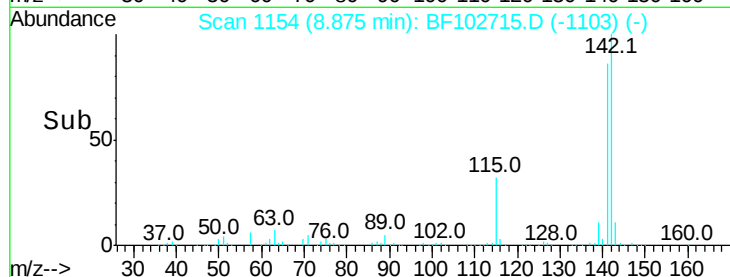
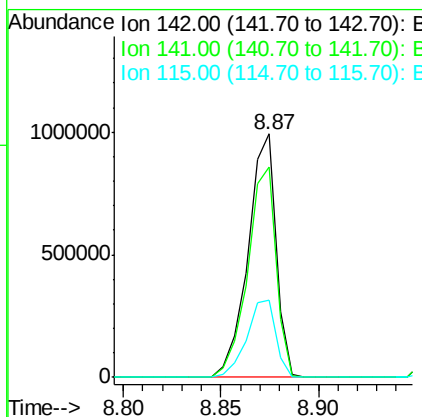
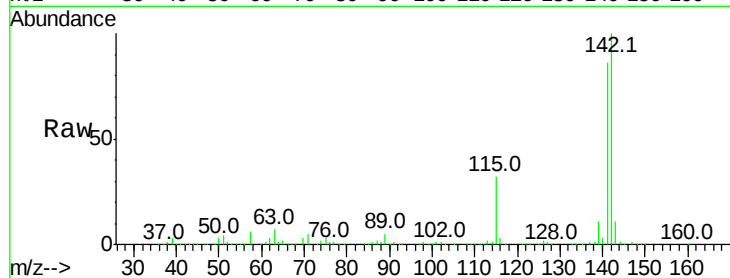
#37
2-Methylnaphthalene
Concen: 43.718 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Instrument :
BNA_F
ClientSampleId :
PB106243BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	989832		
141	86.5		70.8	106.2
115	32.0		26.1	39.1

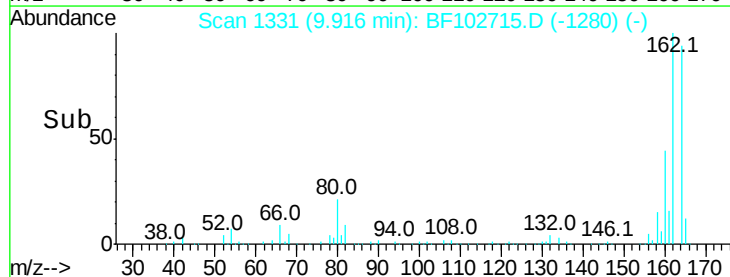
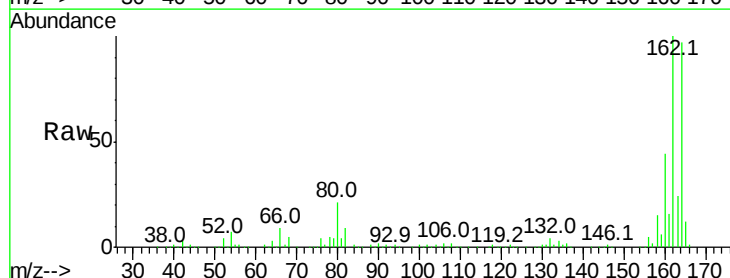
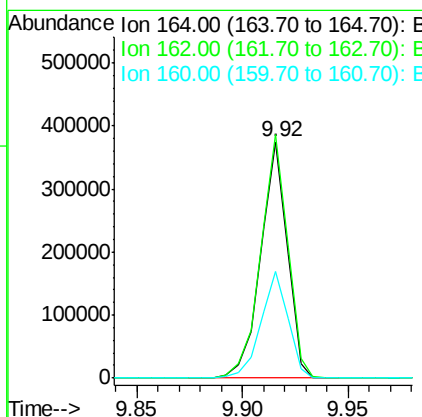
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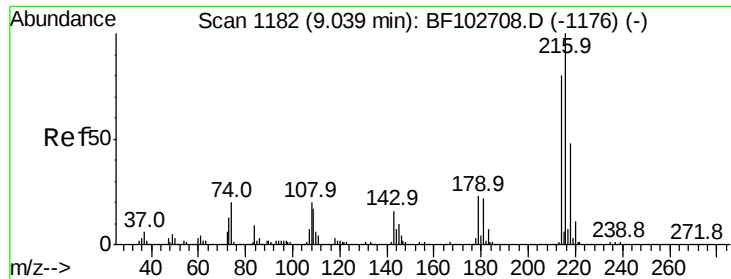
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	330136		
162	103.1		86.1	129.1
160	45.4		38.3	57.5





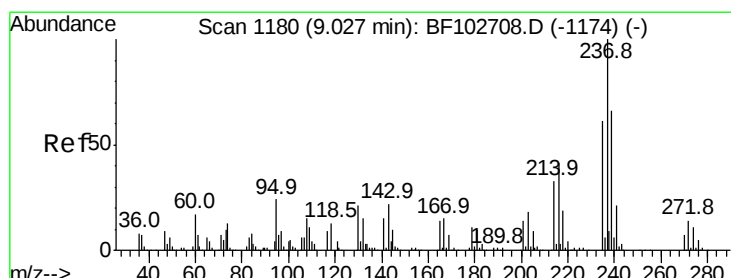
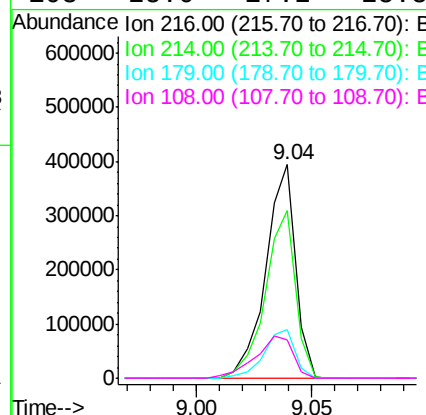
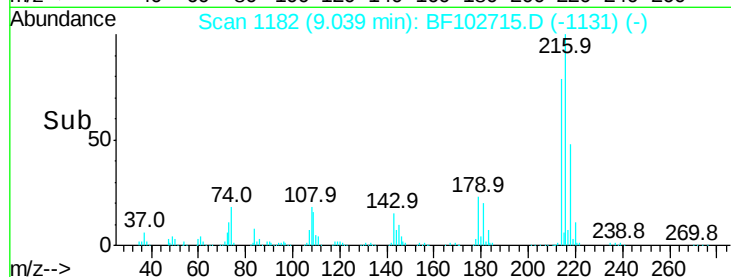
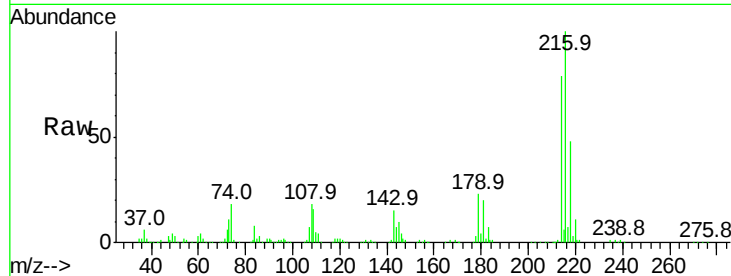
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.595 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB106243BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.2	63.0	94.4
179	23.7	18.1	27.1
108	25.0	17.2	25.8

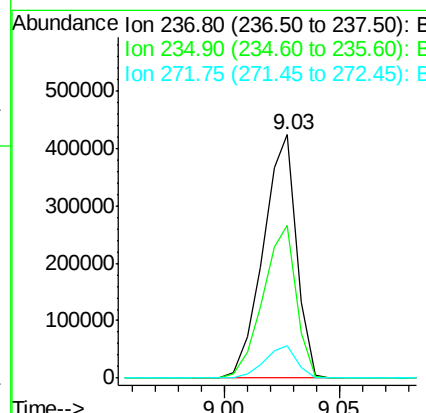
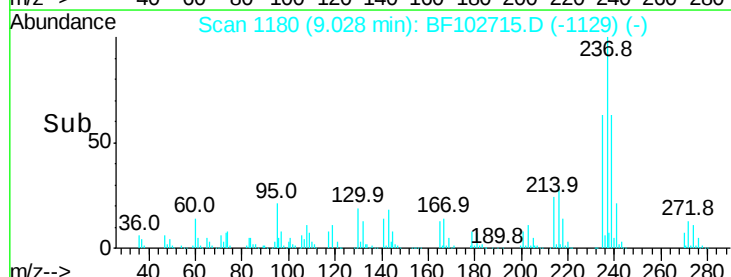
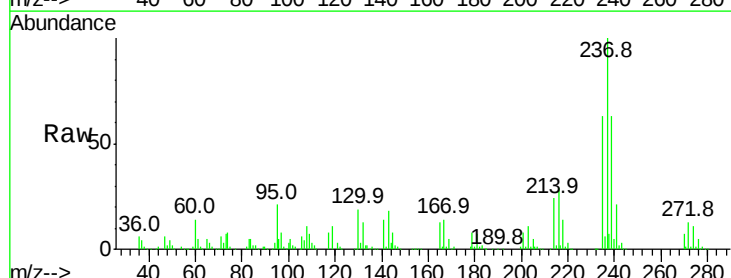
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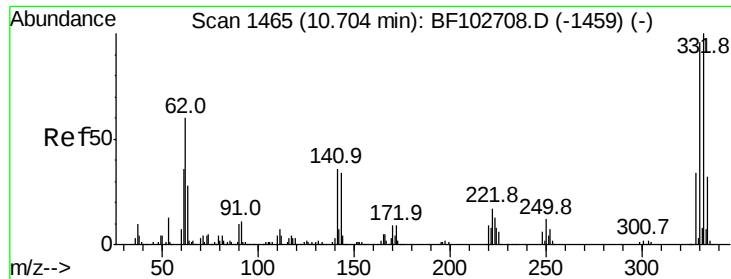
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#40
 Hexachlorocyclopentadiene
 Concen: 99.312 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.8	44.8	84.8
272	13.3	0.0	33.3





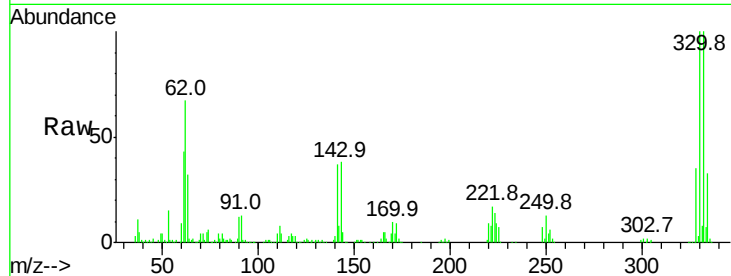
#41
 2,4,6-Tribromophenol
 Concen: 140.955 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB106243BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	103.1	77.0	115.6	
141	38.6	29.9	44.9	

Manual Integrations
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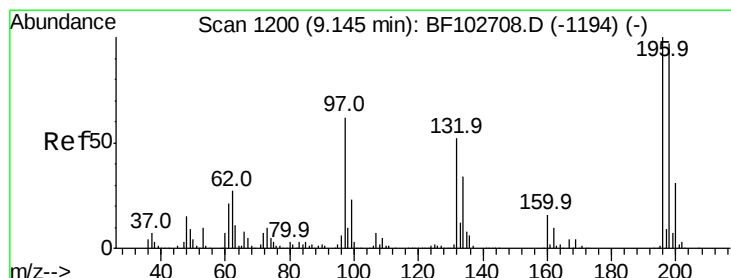
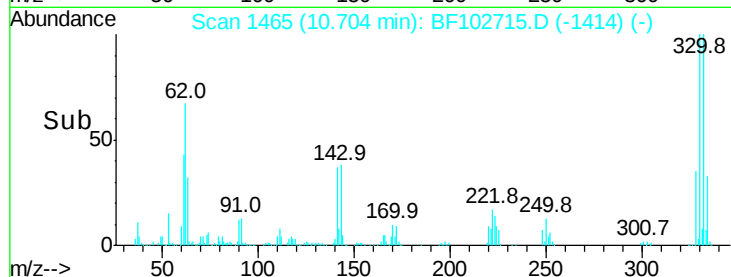
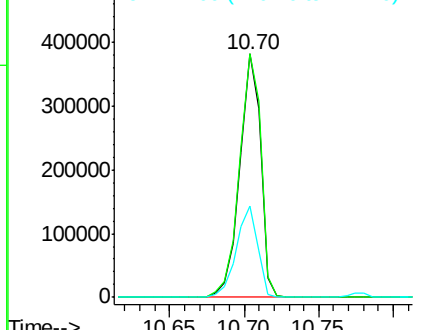


Abundance

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: 50.063 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

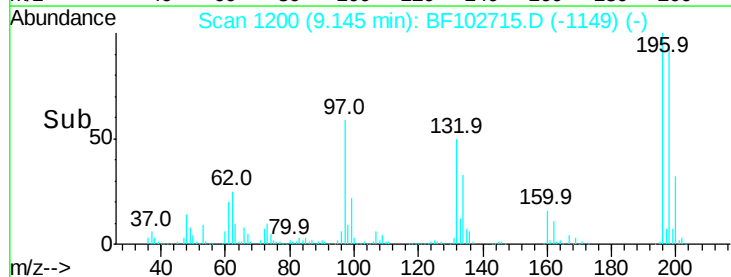
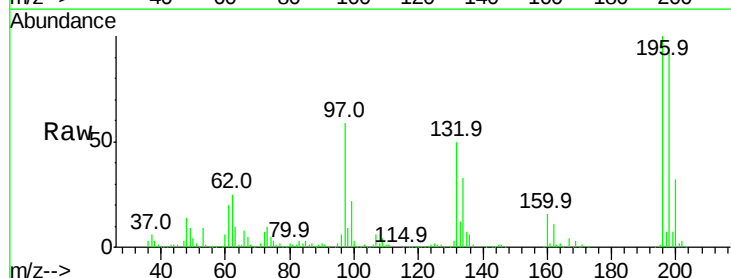
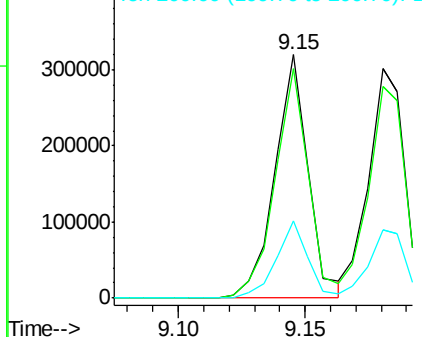
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.2	75.7	113.5	
200	31.6	24.5	36.7	

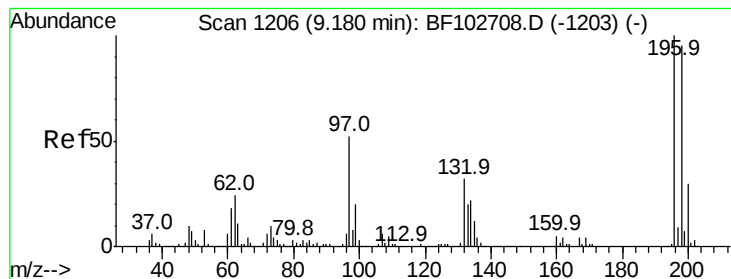
Abundance

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: 44.472 ng

RT: 9.18 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

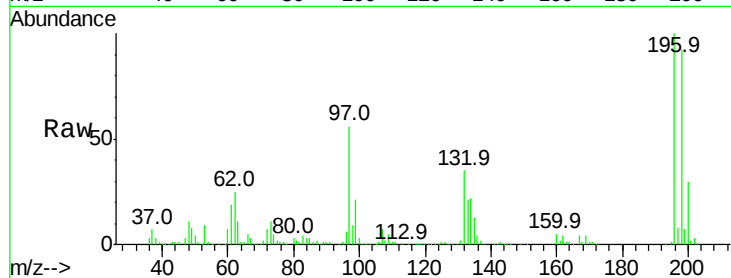
ClientSampled :

PB106243BS

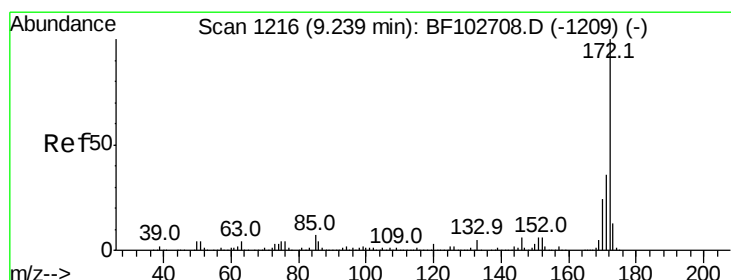
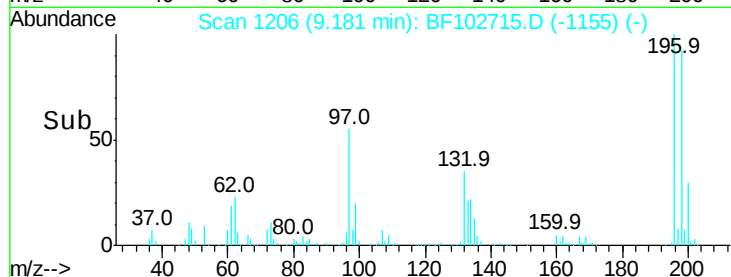
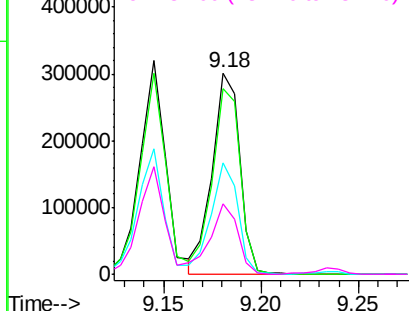
Tot Ion	Ratio	Resp	Lower	Upper
196	100	295942		
198	92.1	74.6	112.0	
97	55.7	42.9	64.3	
132	34.7	26.3	39.5	

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



#44

2-Fluorobiphenyl

Concen: 89.668 ng

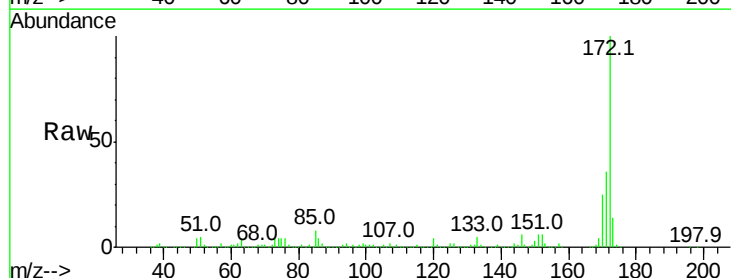
RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

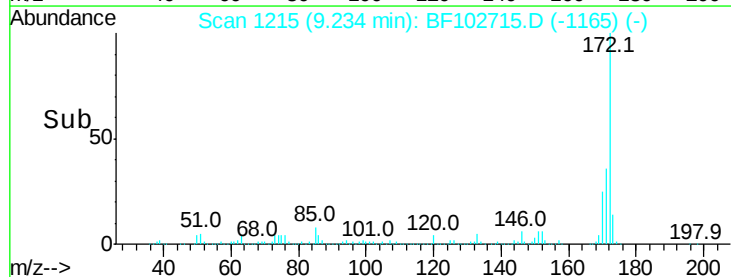
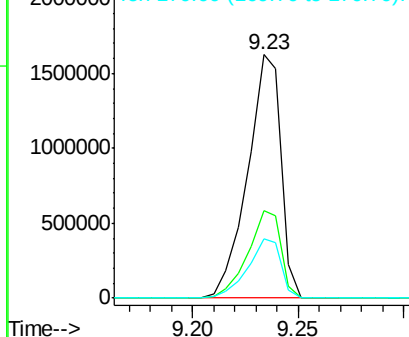
Lab File: BF102715.D

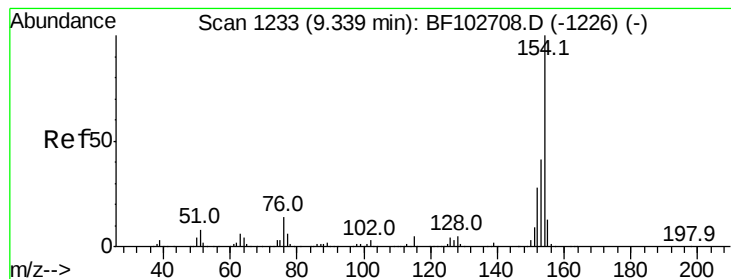
Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1783988		
171	36.1	29.7	44.5	
170	24.5	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





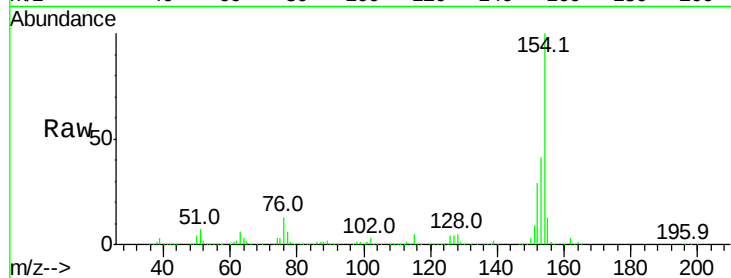
#45
 1,1'-Biphenyl
 Concen: 41.055 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB106243BS

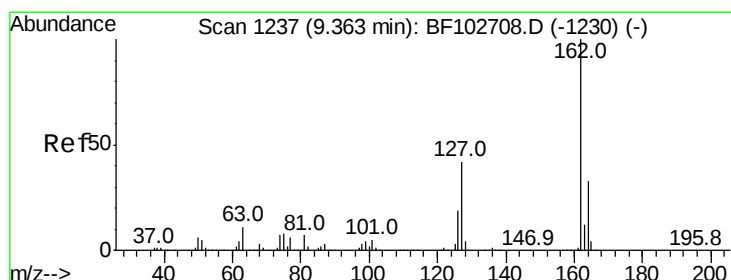
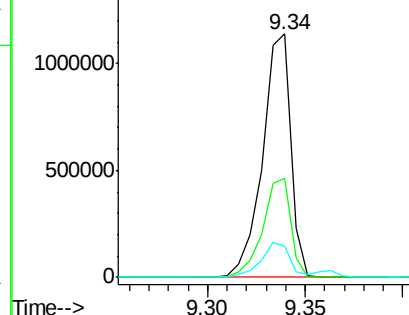
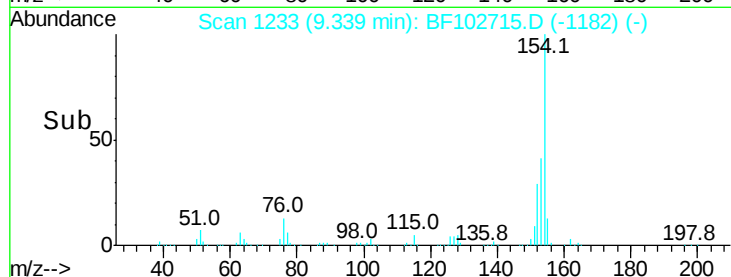
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	12.7	0.0	34.0

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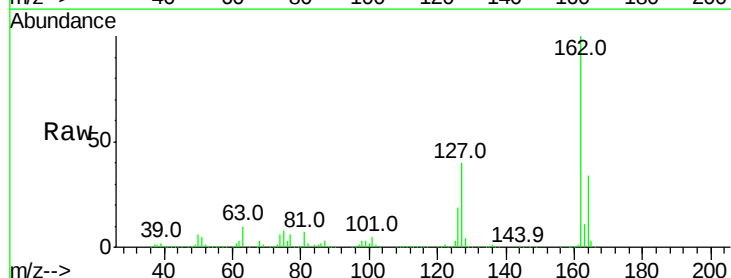


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

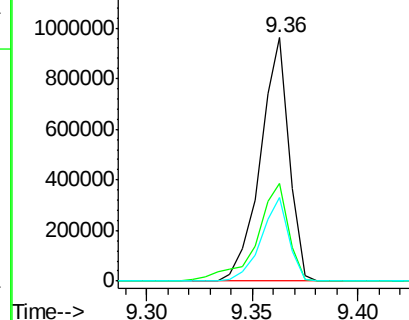
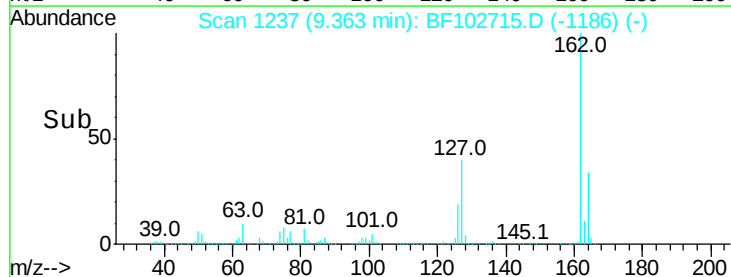


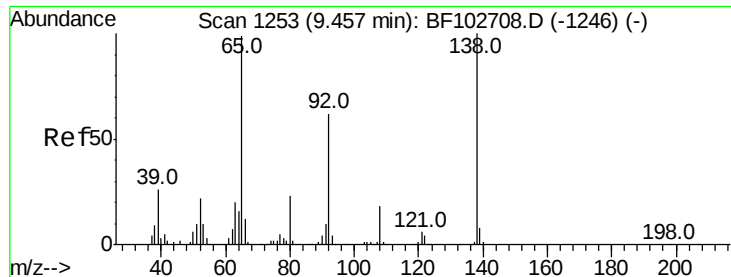
#46
 2-Chloronaphthalene
 Concen: 41.323 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	33.9	50.9
164	34.1	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: 47.266 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

ClientSampleId :

PB106243BS

Tot Ion: 65 Resp: 318903

Ion Ratio Lower Upper

65 100

92 60.5 55.8 83.6

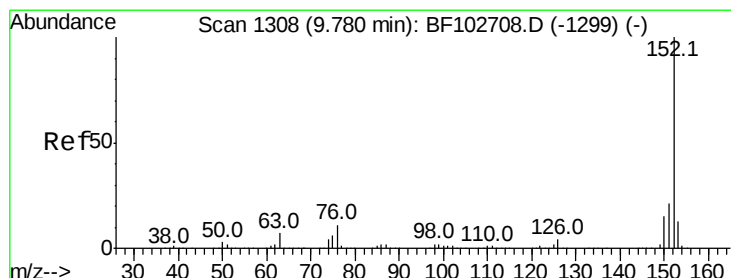
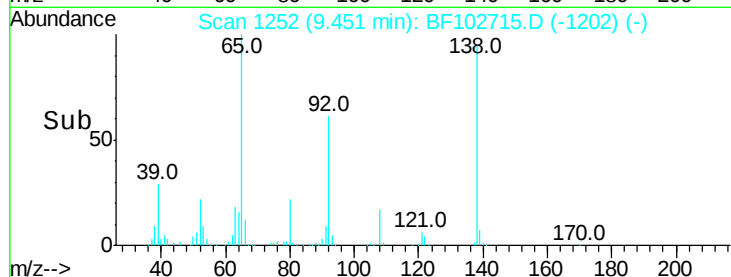
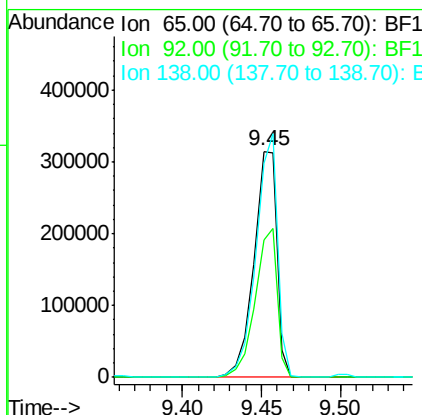
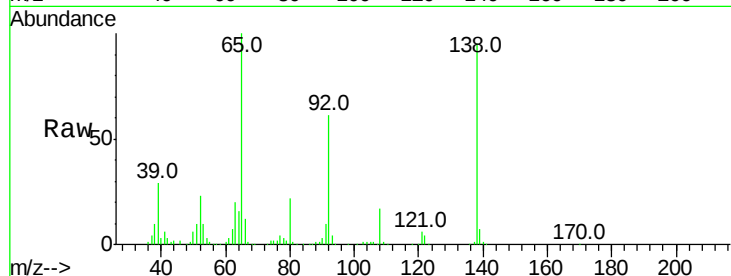
138 95.0 91.2 136.8

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#48

Acenaphthylene

Concen: 41.017 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

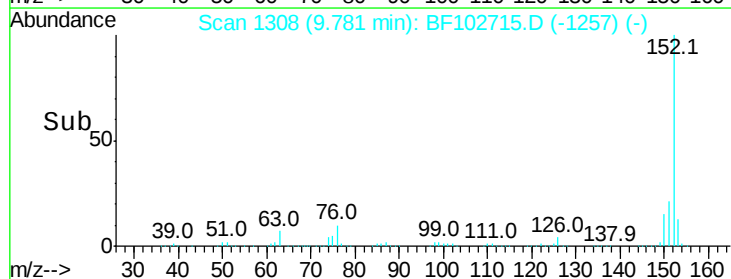
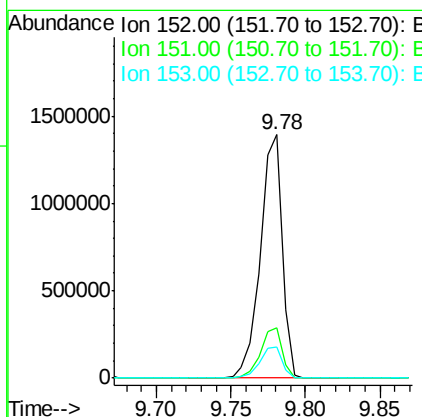
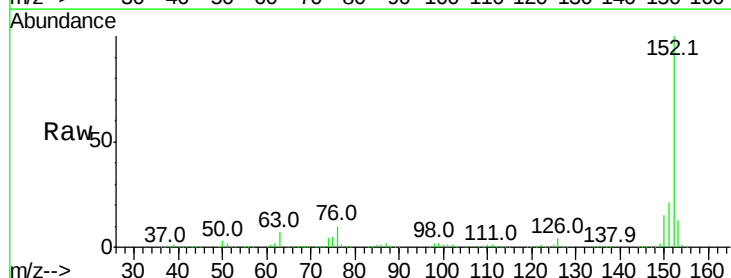
Tgt Ion: 152 Resp: 1394598

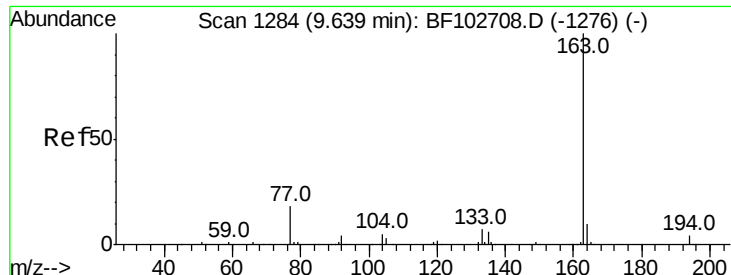
Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

153 13.0 10.7 16.1





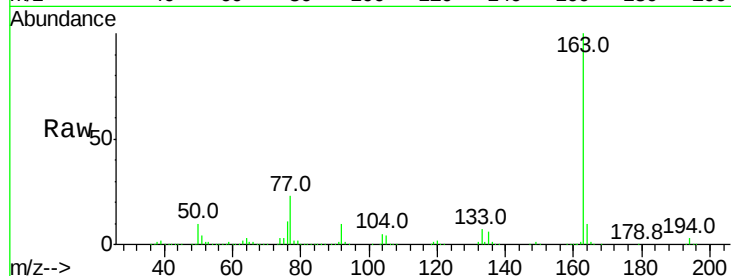
#49
Dimethylphthalate
Concen: 42.235 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Instrument :
BNA_F
ClientSampleId :
PB106243BS

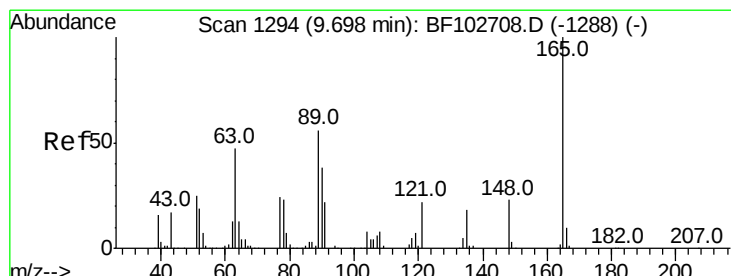
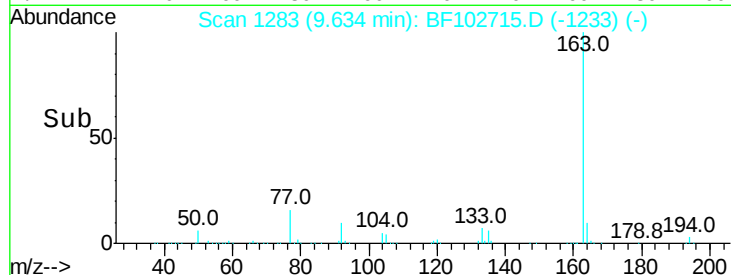
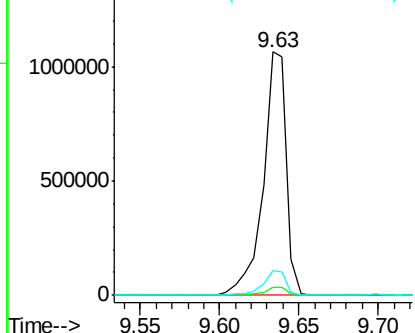
Tot Ion	163	Resp	1087181
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.7	4.1
164	10.4	8.2	12.2

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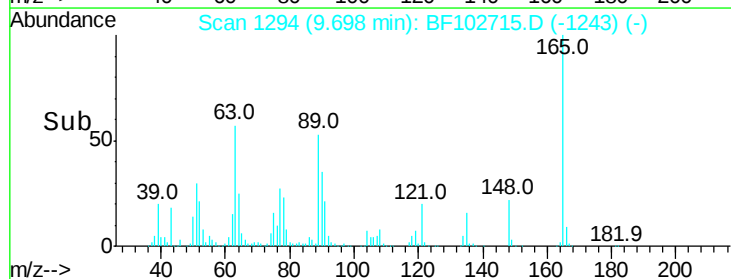
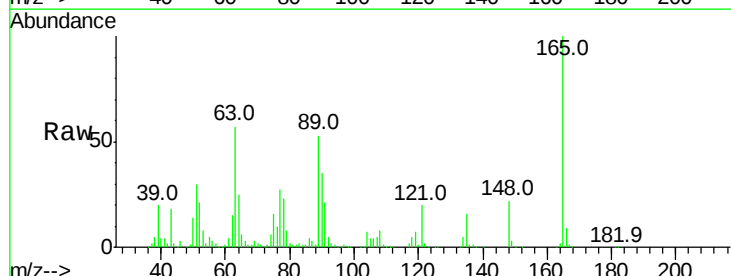
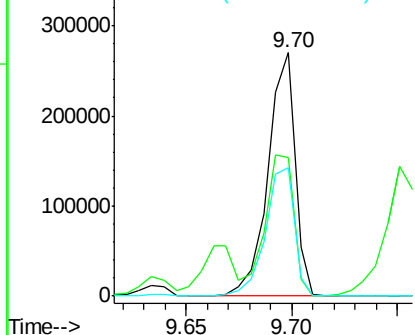
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

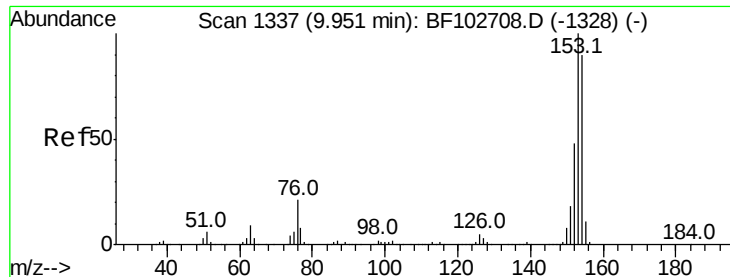


#50
2,6-Dinitrotoluene
Concen: 49.403 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion	165	Resp	241942
Ion Ratio	Lower	Upper	
165	100		
63	57.0	44.7	67.1
89	52.9	44.0	66.0

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





#51

Acenaphthene

Concen: 44.922 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

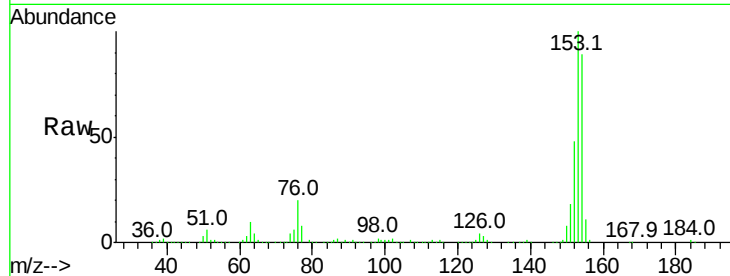
ClientSampleId :

PB106243BS

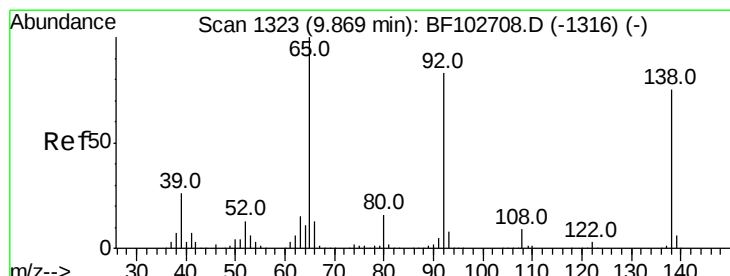
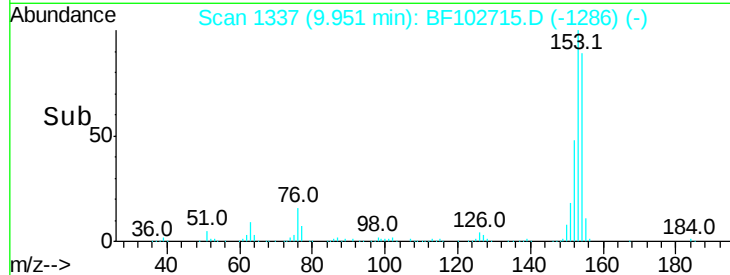
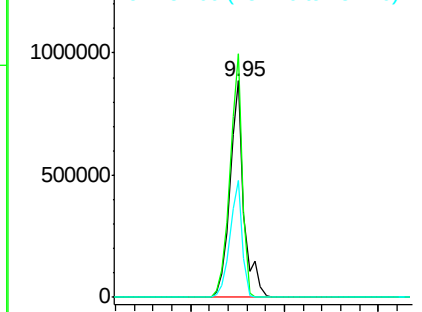
Tot Ion:	154	Resp:	913412
Ion Ratio	Lower	Upper	
154	100		
153	112.5	91.2	136.8
152	54.1	43.8	65.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.330 ng

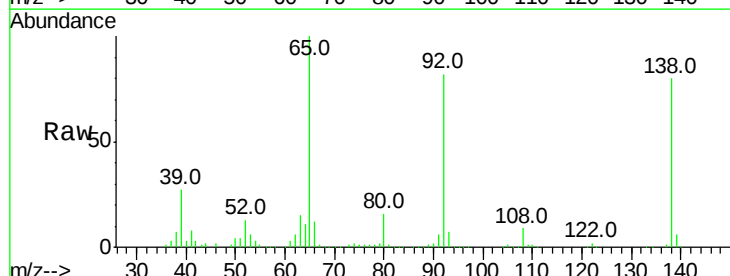
RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

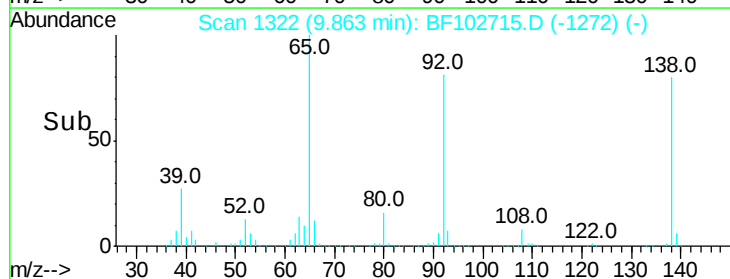
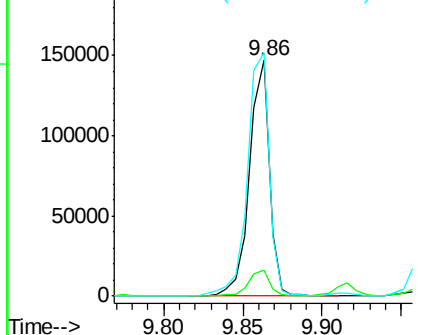
Lab File: BF102715.D

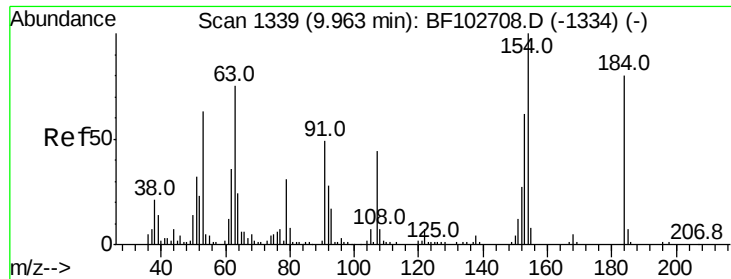
Acq: 3 Feb 2018 14:26

Tgt Ion:	138	Resp:	128535
Ion Ratio	Lower	Upper	
138	100		
108	10.8	9.4	14.0
92	103.3	89.4	134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





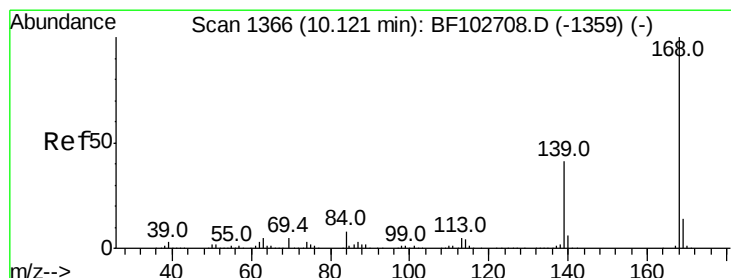
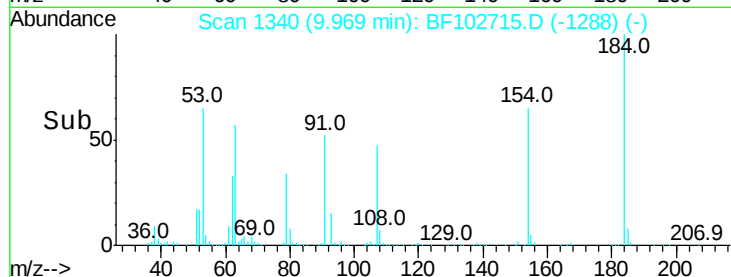
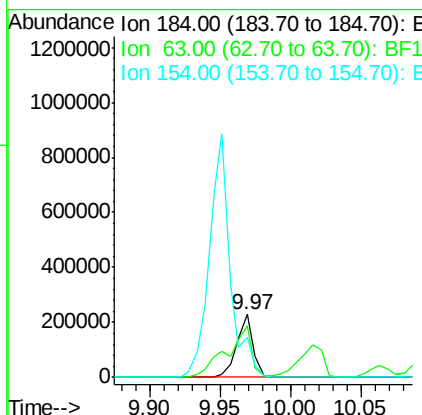
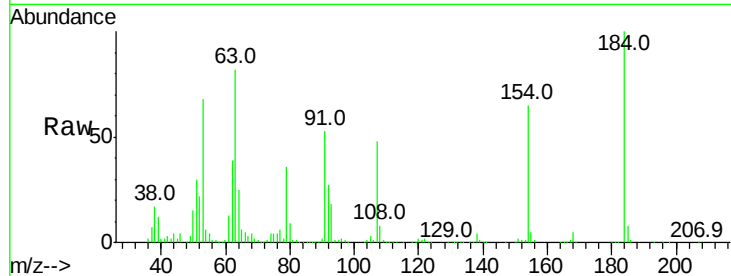
#53
2,4-Dinitrophenol
Concen: 96.004 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Instrument :
BNA_F
ClientSampleId :
PB106243BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	81.8	54.2	81.2#
154	64.8	184.0	276.0#

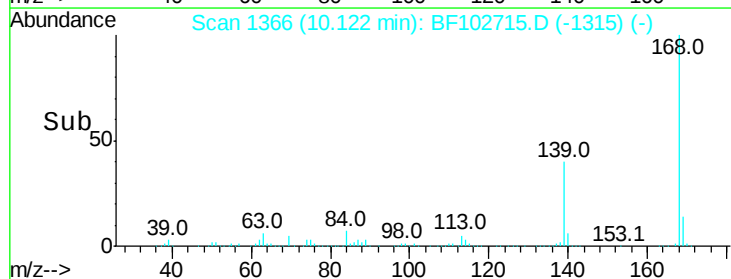
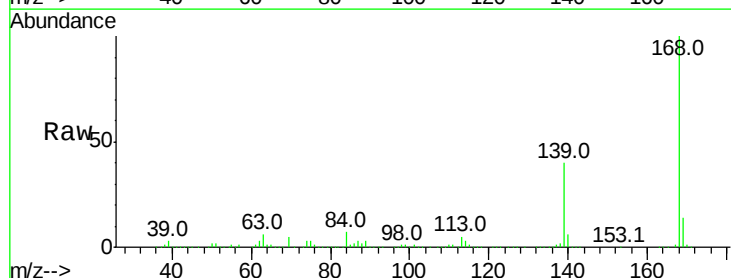
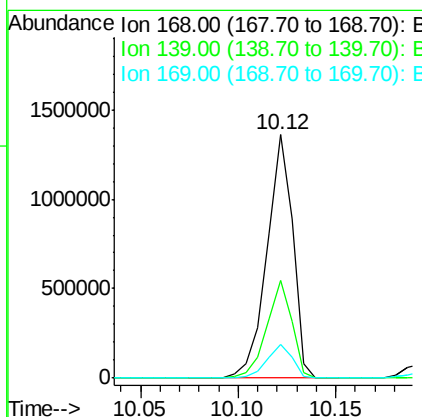
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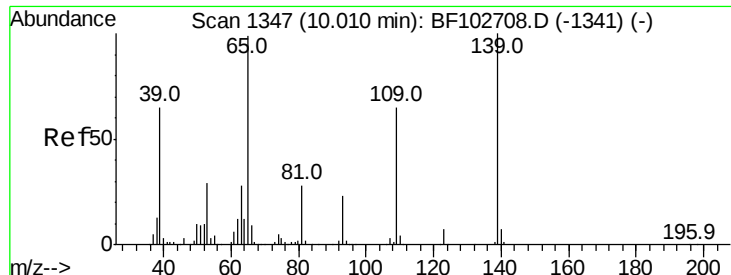
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#54
Dibenzofuran
Concen: 43.518 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.3	30.1	45.1
169	13.8	10.9	16.3





#55

4-Nitrophenol

Concen: 93.640 ng

RT: 10.02 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

ClientSampleId :

PB106243BS

Tot Ion:139 Resp: 467283

Ion Ratio Lower Upper

139 100

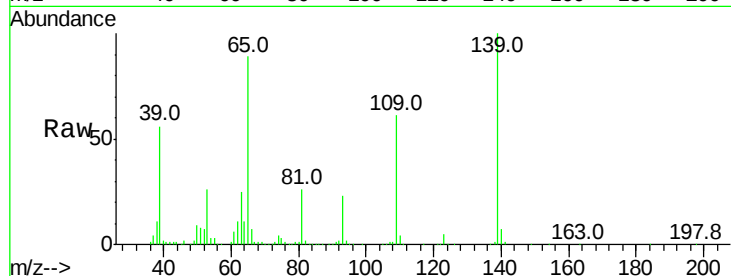
109 60.7 48.4 88.4

65 89.0 72.6 112.6

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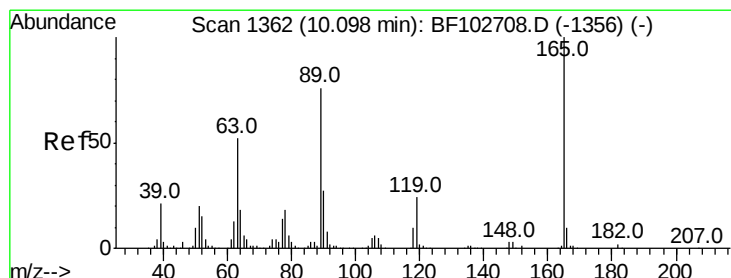
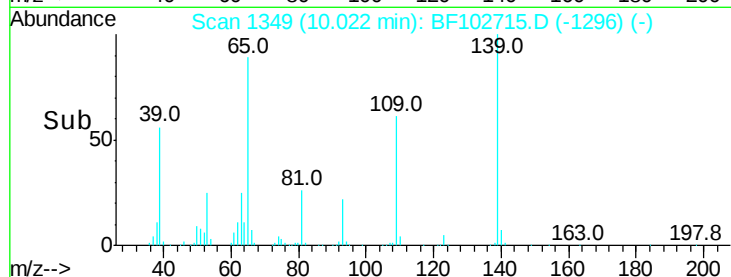
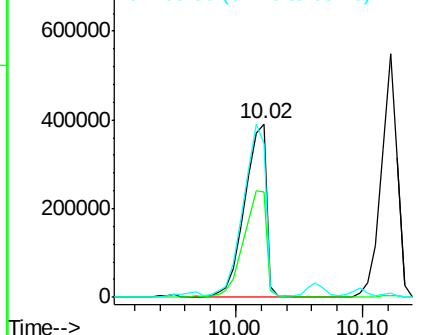
2/5/2018 11:05:13 AM



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 49.965 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Tgt Ion:165 Resp: 329056

Ion Ratio Lower Upper

165 100

63 51.2 36.4 54.6

89 74.9 57.8 86.6

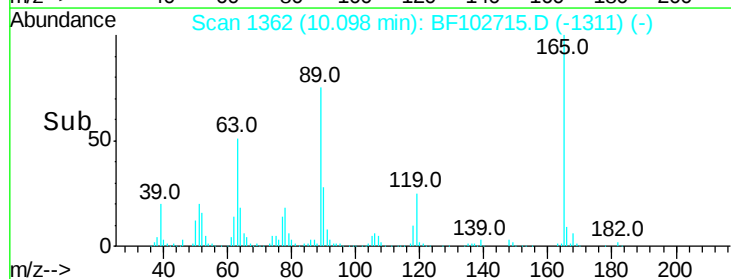
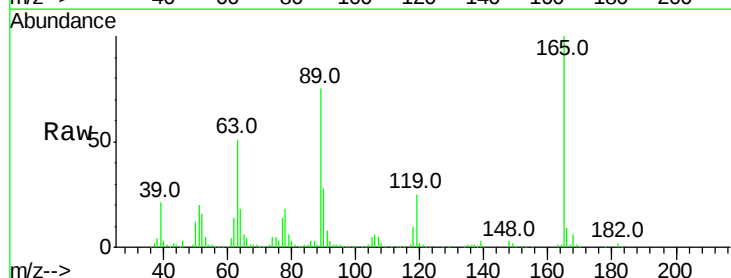
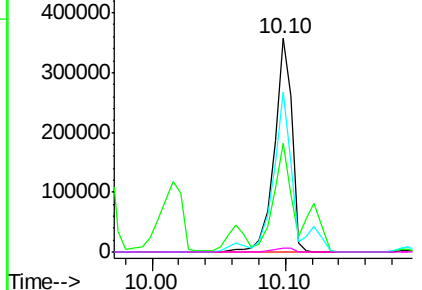
182 2.0 1.6 2.4

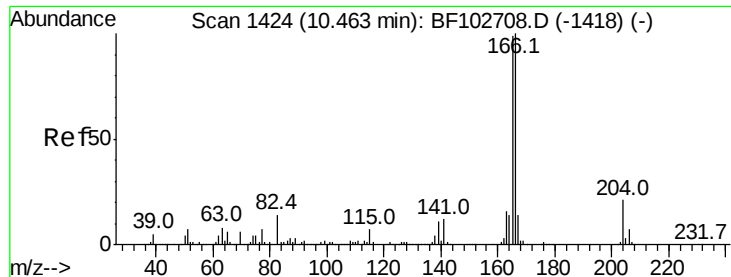
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





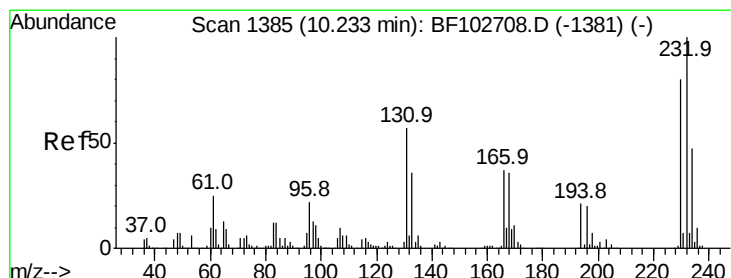
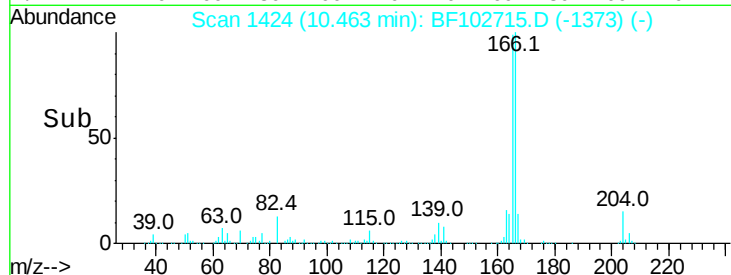
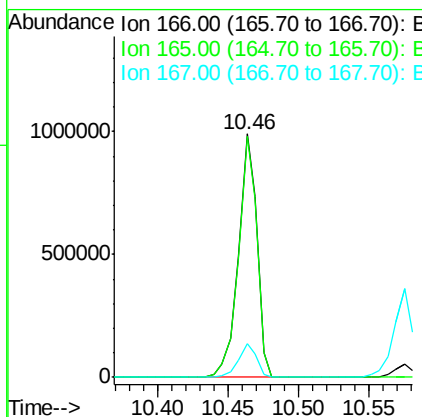
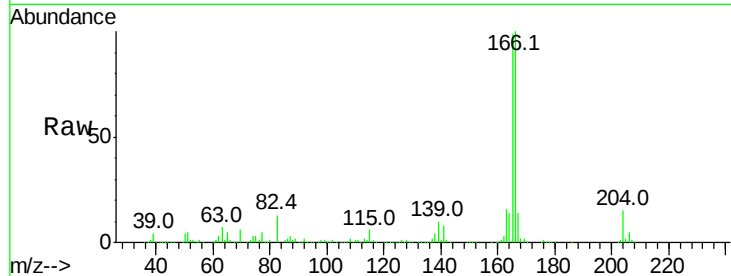
#57
Fluorene
 Concen: 43.245 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB106243BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	901621		
165	99.3	79.8	119.8	
167	14.0	10.6	16.0	

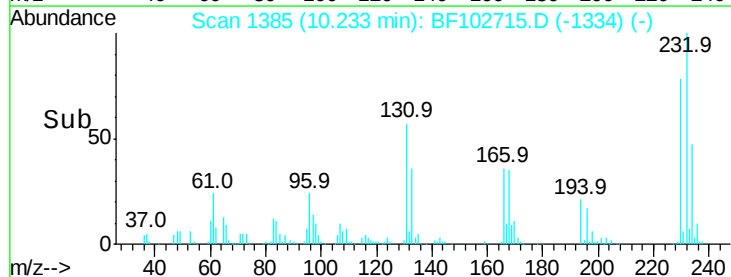
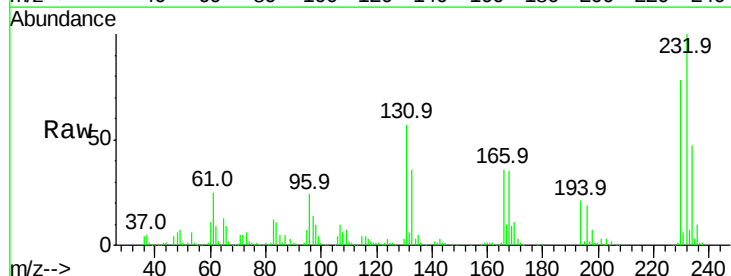
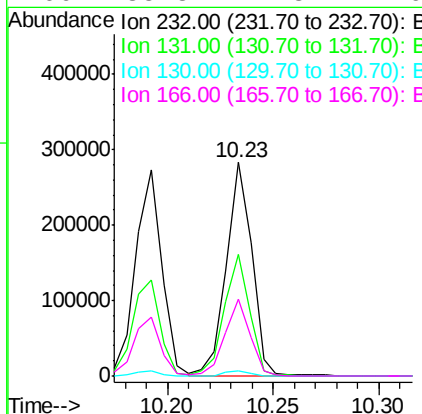
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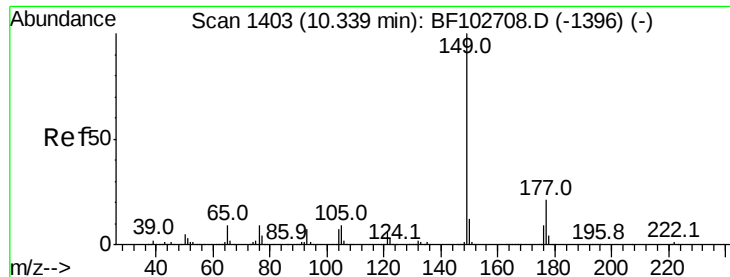
Sohil
 2/5/2018 11:05:13 AM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 51.029 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	235359		
131	57.0	43.8	65.8	
130	2.5	2.1	3.1	
166	35.8	27.8	41.6	





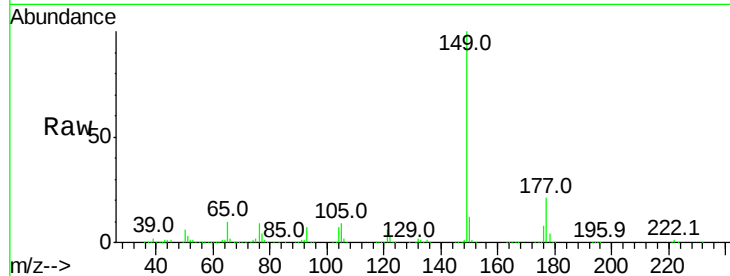
#59
Diethylphthalate
Concen: 43.599 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Instrument :
BNA_F
ClientSampled :
PB106243BS

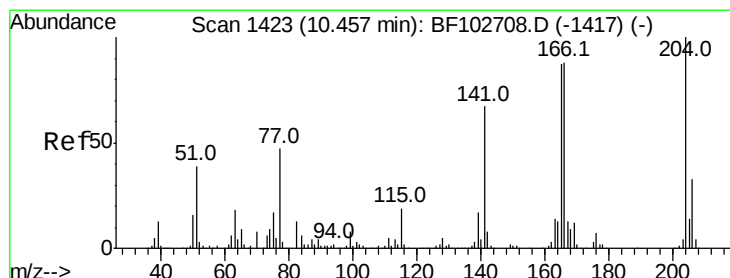
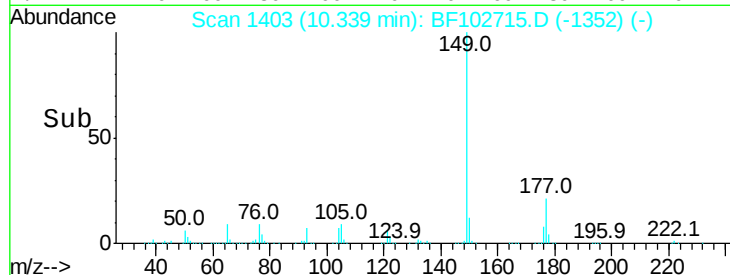
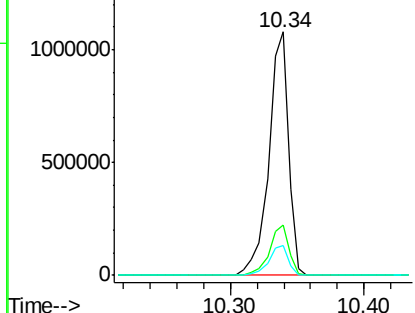
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.1	24.1
150	12.4	10.1	15.1

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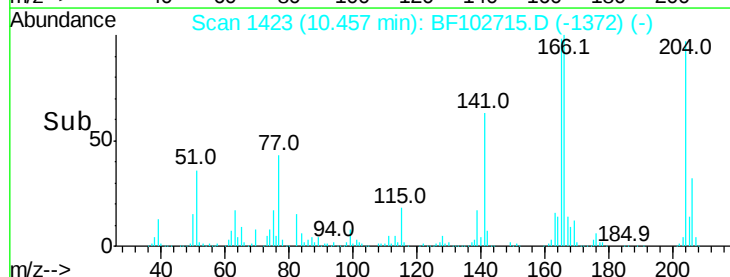
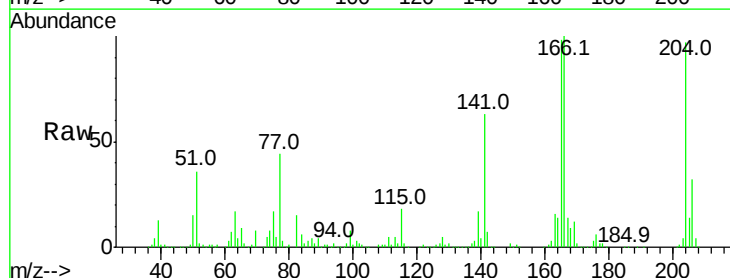
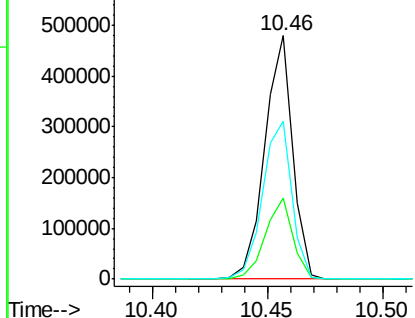
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

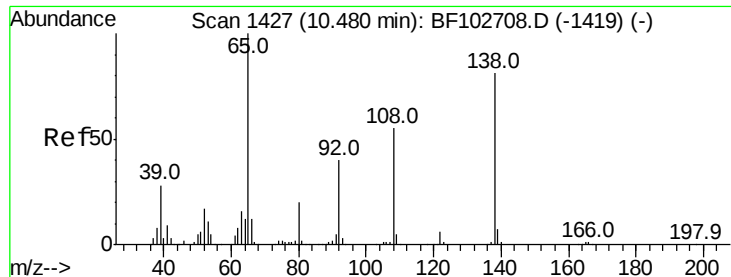


#60
4-Chlorophenyl-phenylether
Concen: 43.723 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	64.9	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





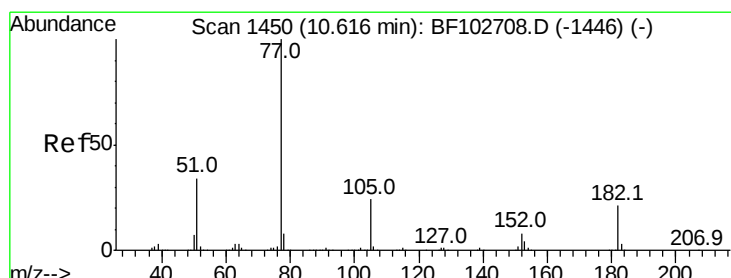
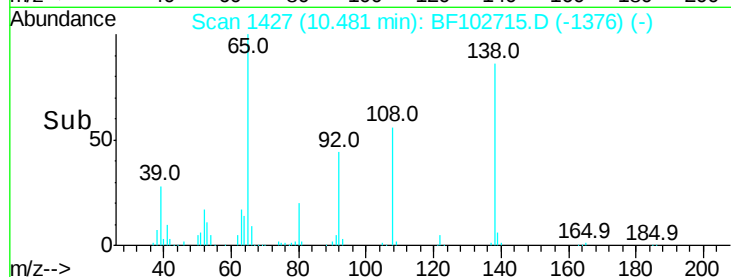
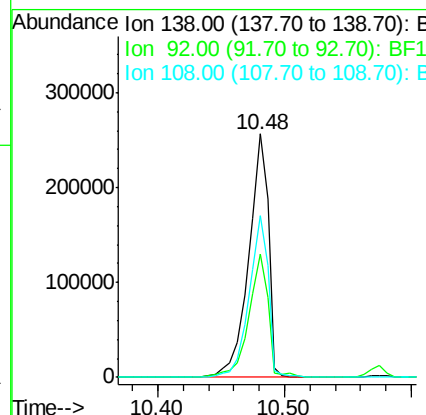
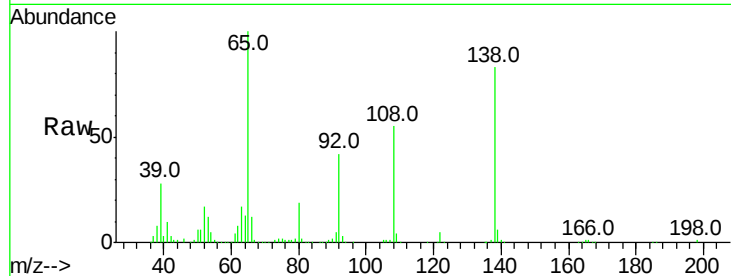
#61
4-Nitroaniline
Concen: 48.018 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Instrument :
BNA_F
ClientSampleId :
PB106243BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.9	30.2	70.2
108	66.5	52.5	92.5

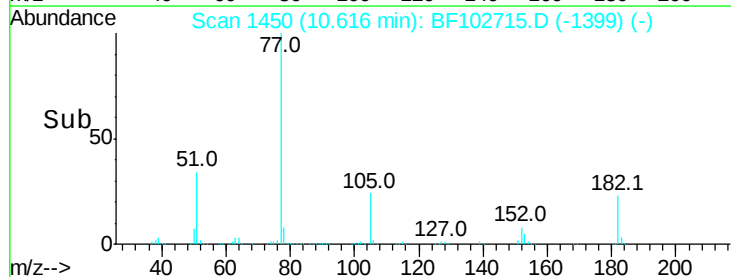
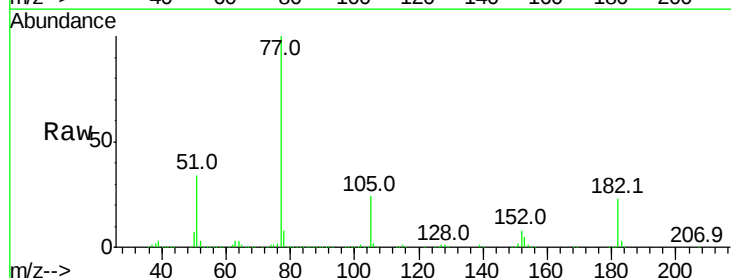
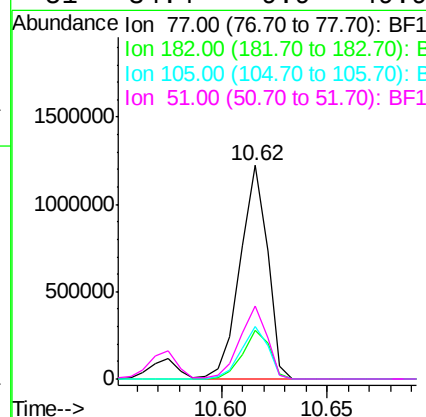
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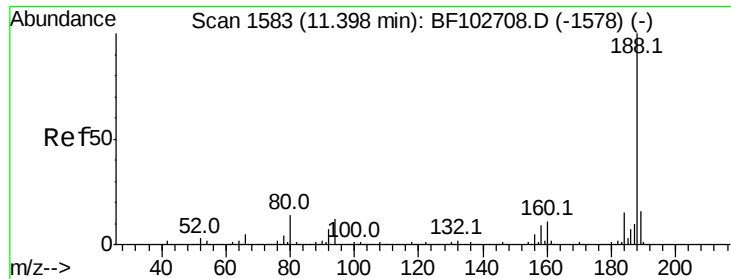
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#62
Azobenzene
Concen: 43.210 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.6	1.7	41.7
105	24.4	3.0	43.0
51	34.4	9.9	49.9





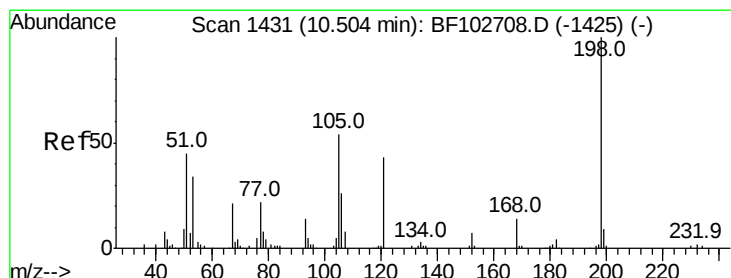
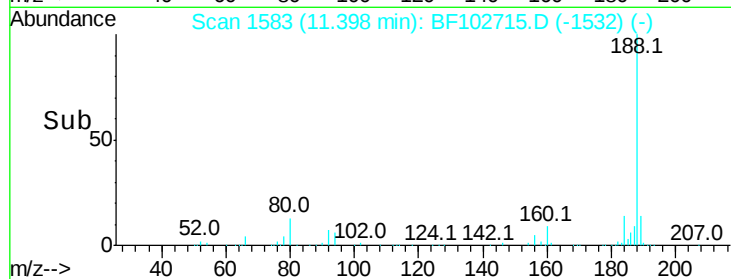
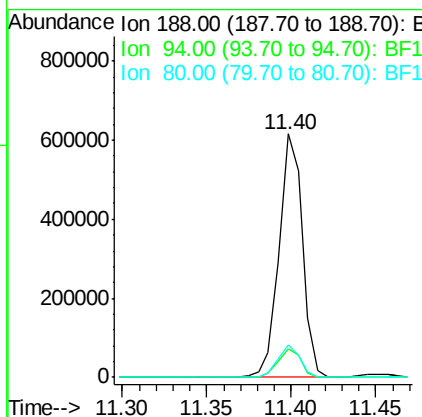
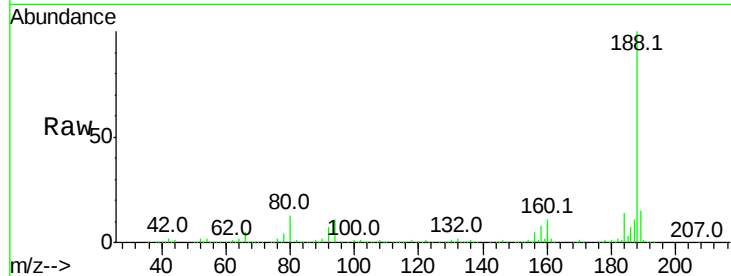
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Instrument :
BNA_F
ClientSampleId :
PB106243BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	593760		
94	11.5		8.5	12.7
80	13.2		9.2	13.8

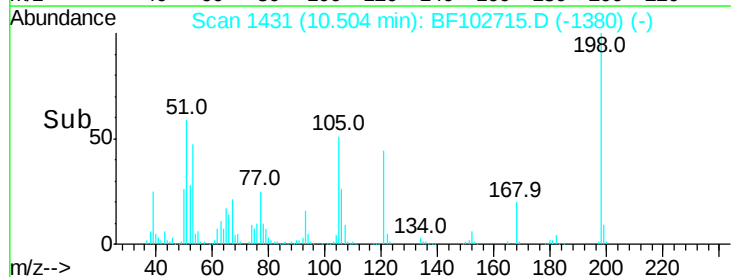
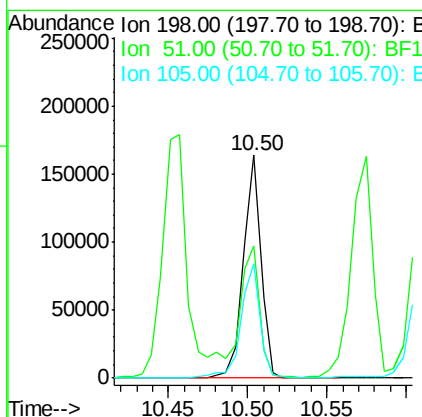
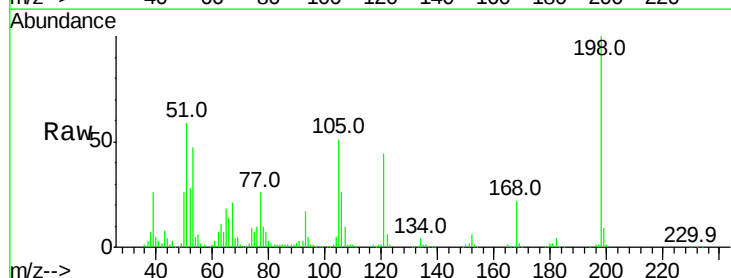
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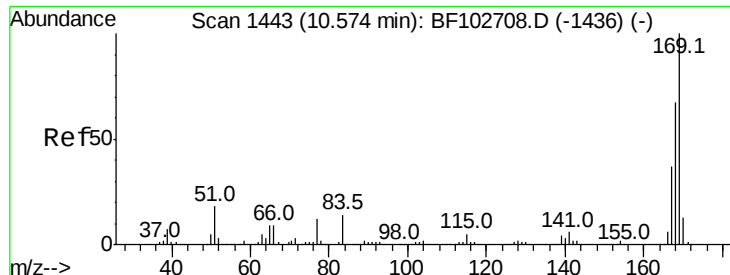
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 50.283 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	126368		
51	59.2		37.7	77.7
105	51.3		36.3	76.3





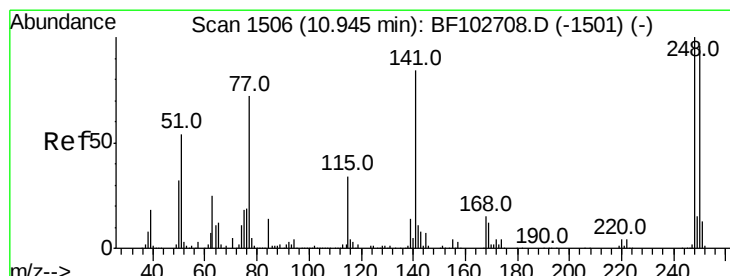
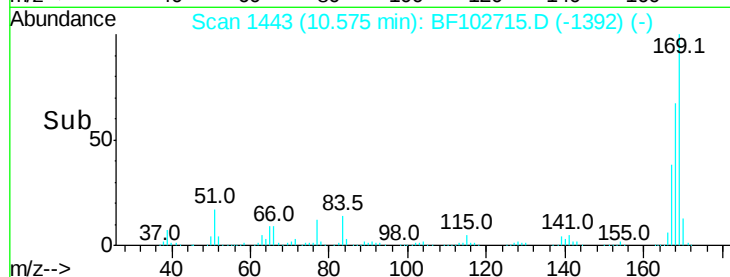
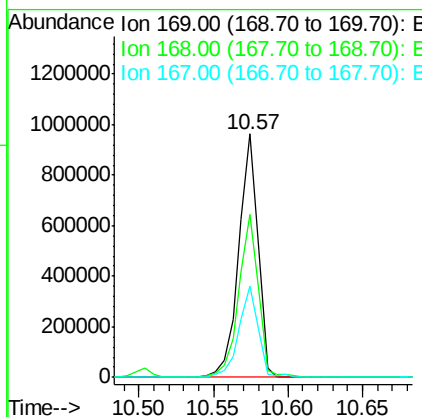
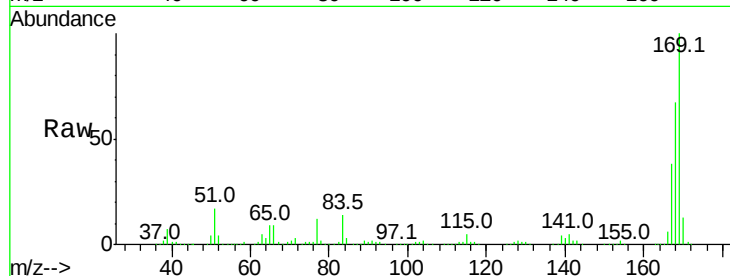
#65
n-Nitrosodiphenylamine
Concen: 41.458 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Instrument :
BNA_F
ClientSampleId :
PB106243BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.9	54.4	81.6
167	37.6	29.8	44.6

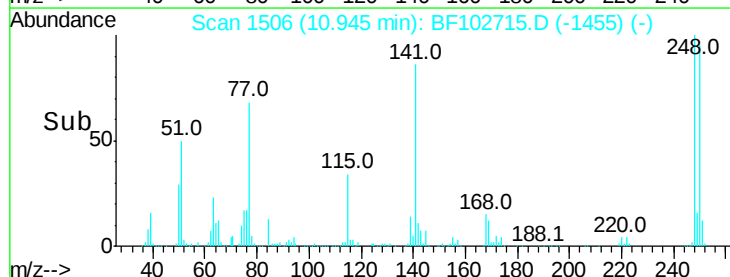
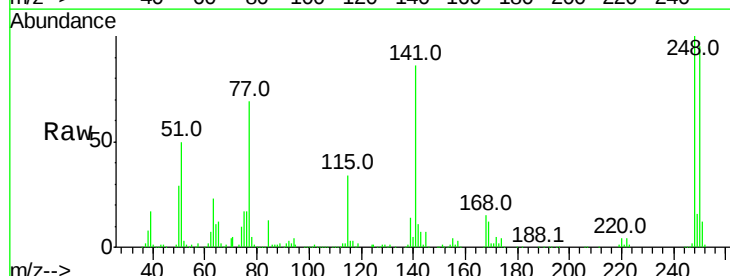
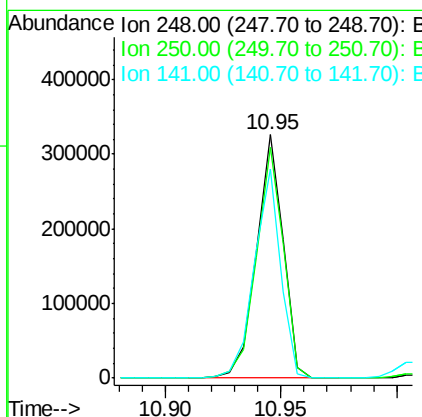
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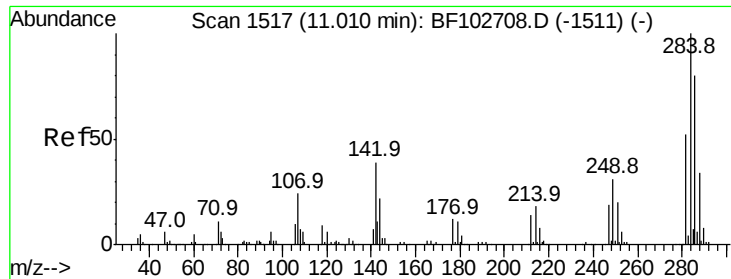
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 42.091 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.0	76.9	115.3
141	86.0	74.4	111.6





#67

Hexachlorobenzene

Concen: 40.617 ng

RT: 11.01 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

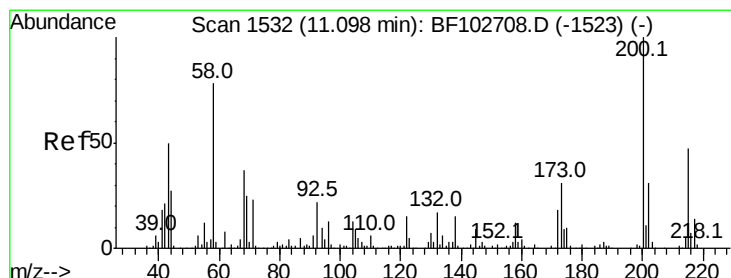
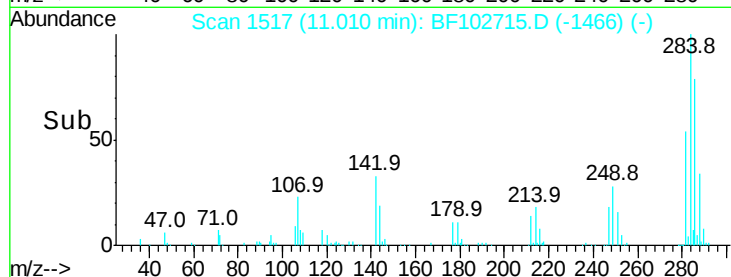
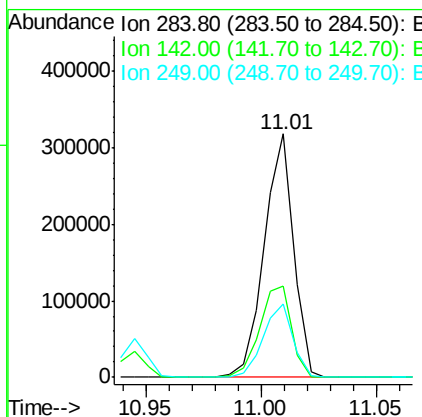
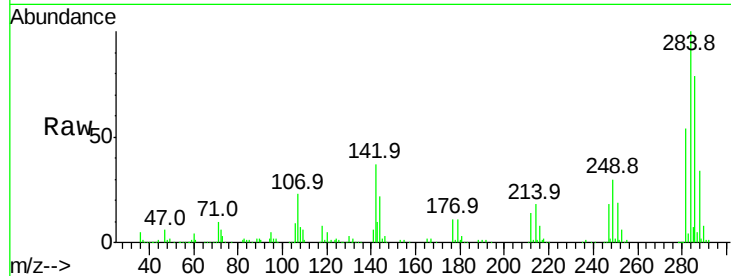
ClientSampleId :

PB106243BS

Tot Ion:	284	Resp:	281434
Ion Ratio	Lower	Upper	
284	100		
142	37.4	34.6	52.0
249	30.1	24.8	37.2

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#68

Atrazine

Concen: 43.991 ng

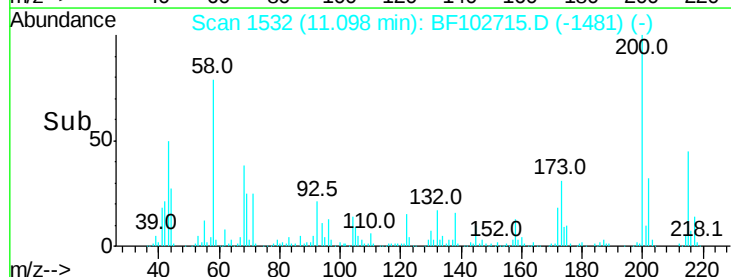
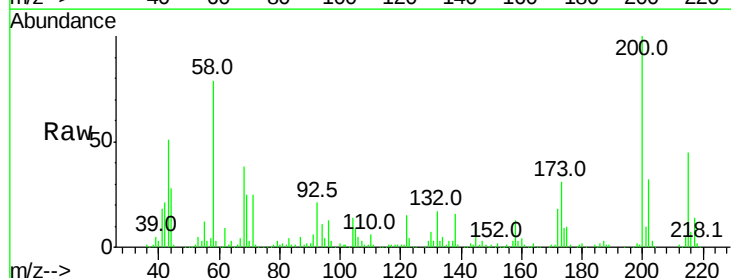
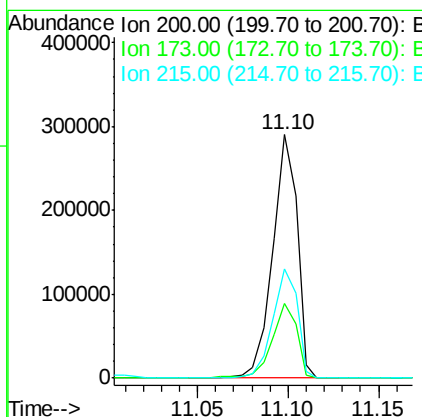
RT: 11.10 min Scan# 1532

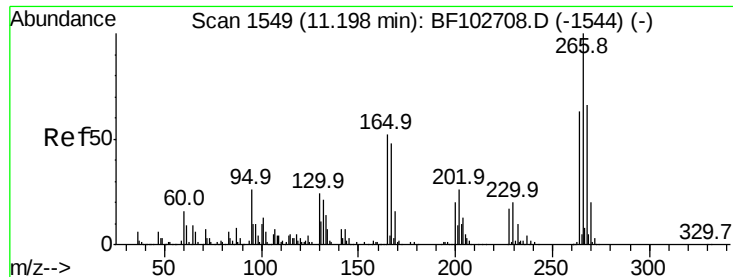
Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Tgt Ion:	200	Resp:	271802
Ion Ratio	Lower	Upper	
200	100		
173	30.7	8.6	48.6
215	44.9	25.1	65.1





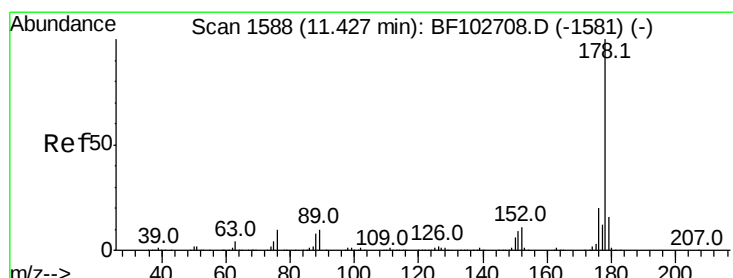
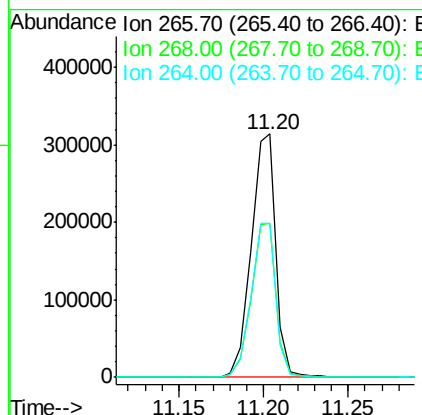
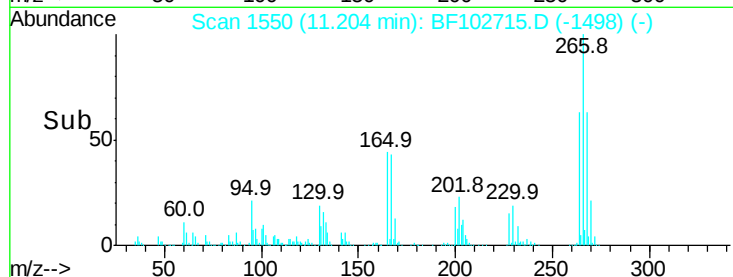
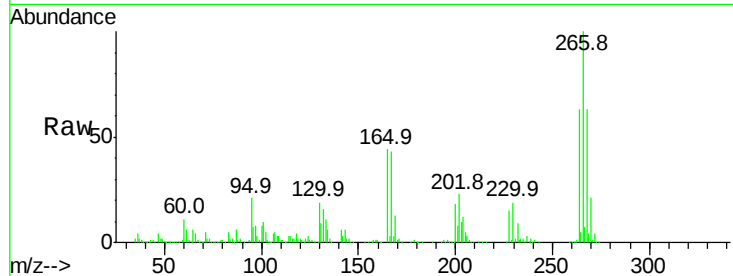
#69
 Pentachlorophenol
 Concen: 78.782 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. 0.01 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB106243BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.1	51.1	76.7	
264	63.2	49.5	74.3	

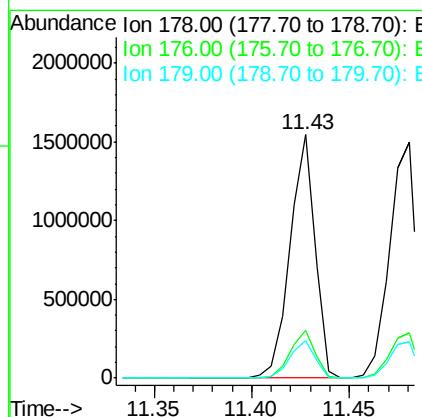
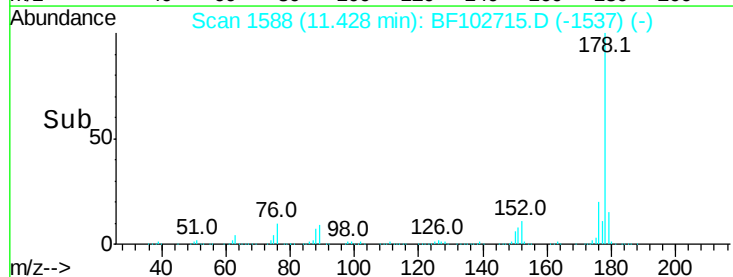
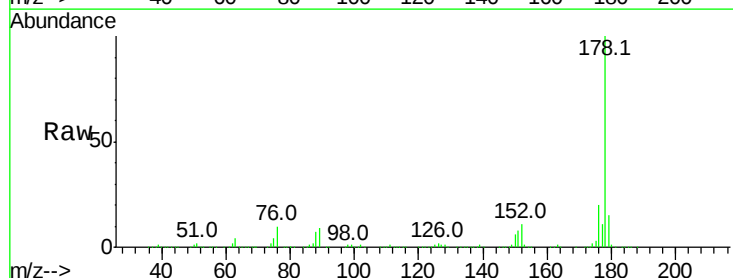
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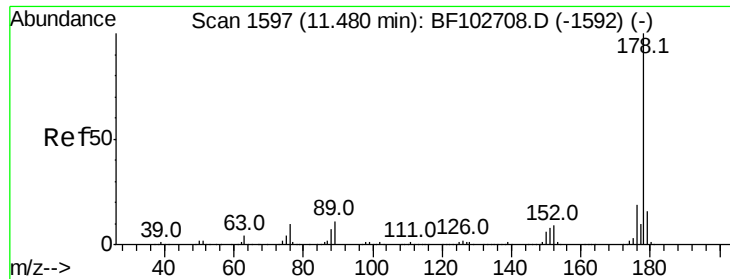
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#70
 Phenanthrene
 Concen: 41.484 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.7	15.8	23.8	
179	15.4	13.0	19.6	





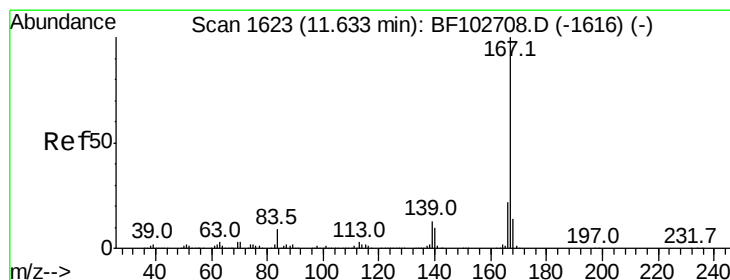
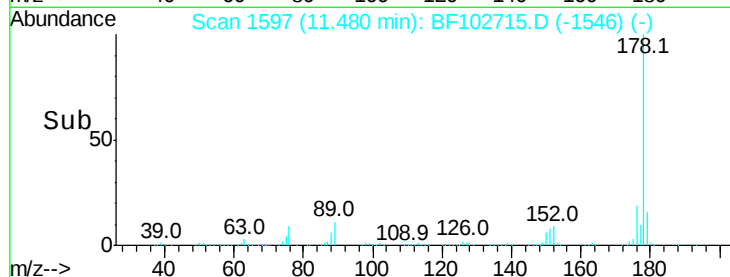
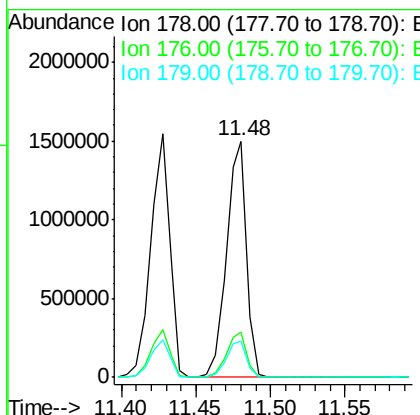
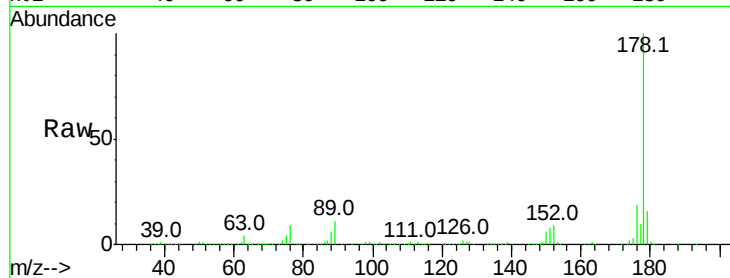
#71
 Anthracene
 Concen: 42.277 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB106243BS

Tot Ion:178 Resp: 1421952
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.5 12.6 19.0

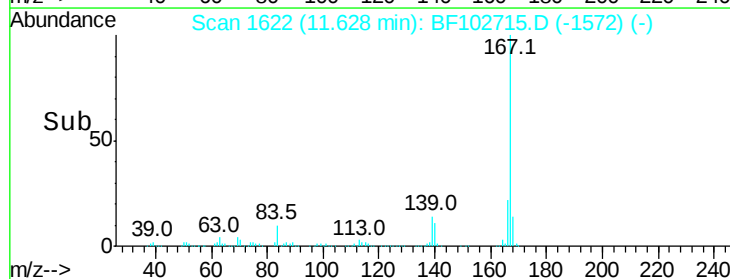
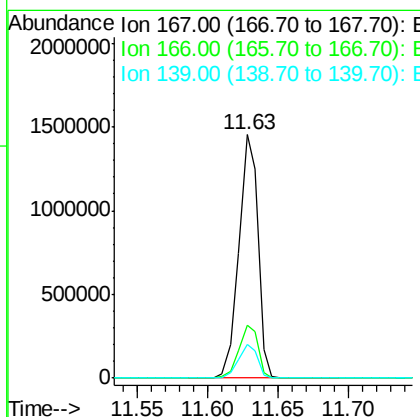
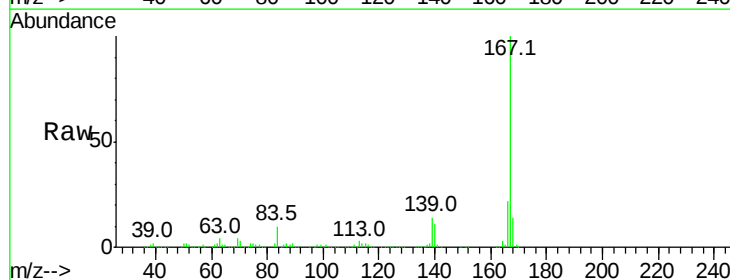
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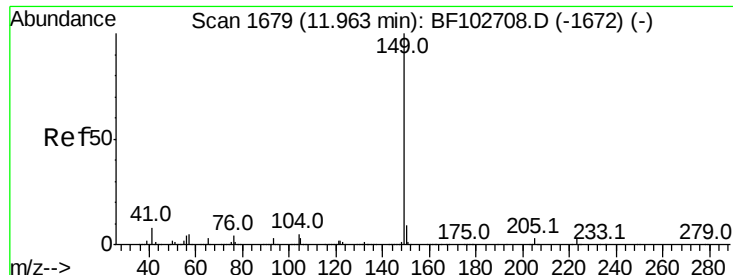
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#72
 Carbazole
 Concen: 41.404 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Tgt Ion:167 Resp: 1364296
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 14.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 44.523 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

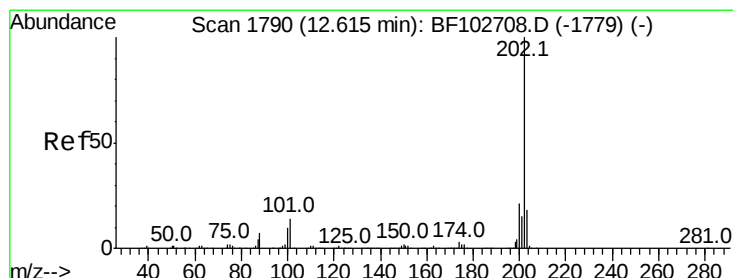
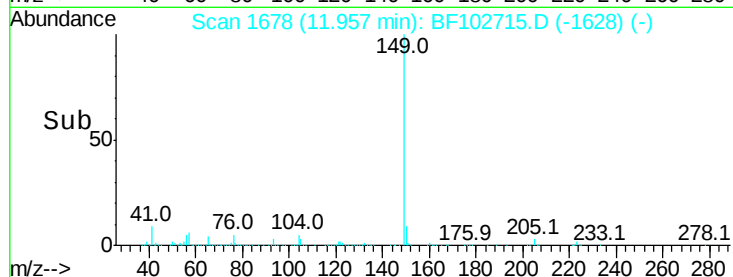
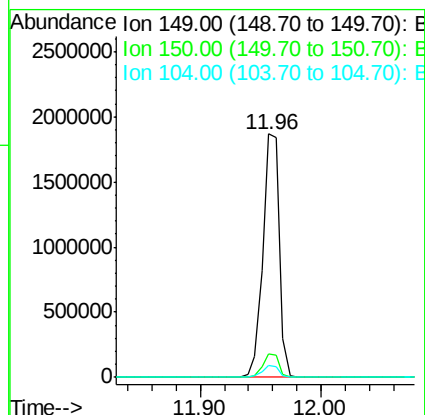
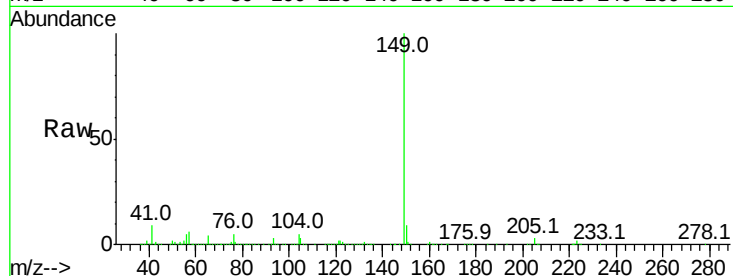
ClientSampleId :

PB106243BS

Tot Ion:	149	Resp:	1782107
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	5.0	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 42.852 ng

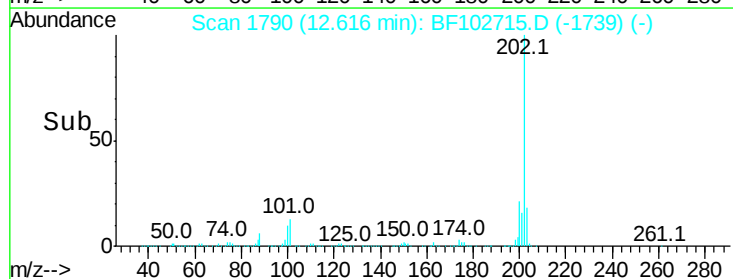
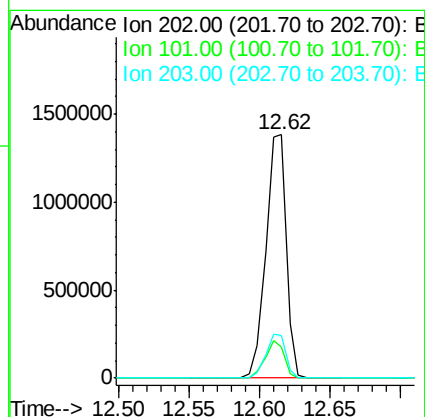
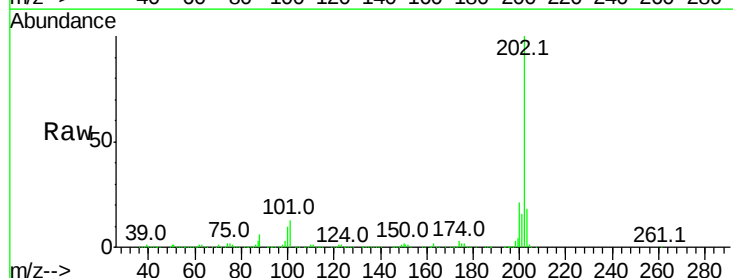
RT: 12.62 min Scan# 1790

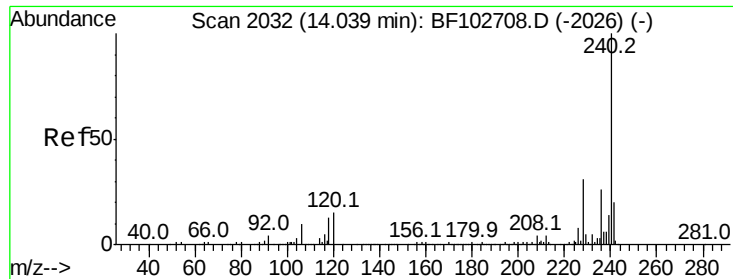
Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Tgt Ion:	202	Resp:	1425732
Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

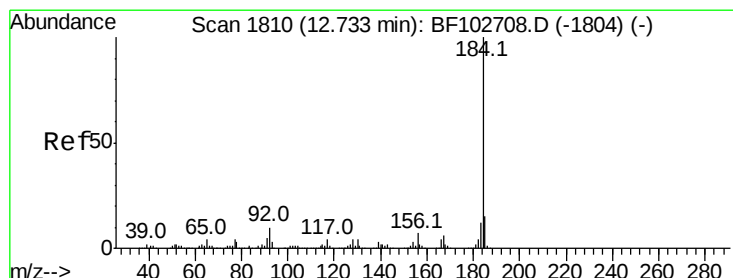
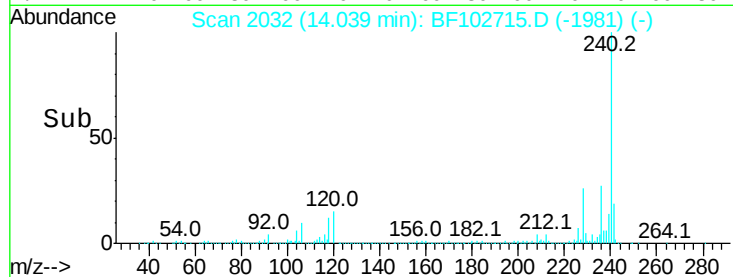
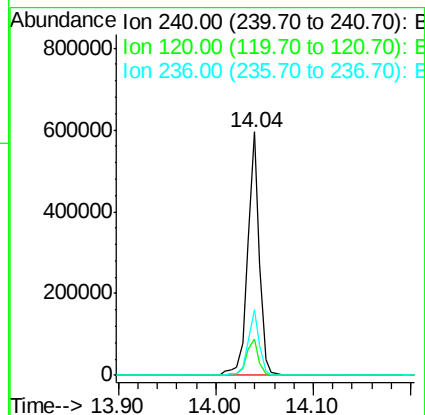
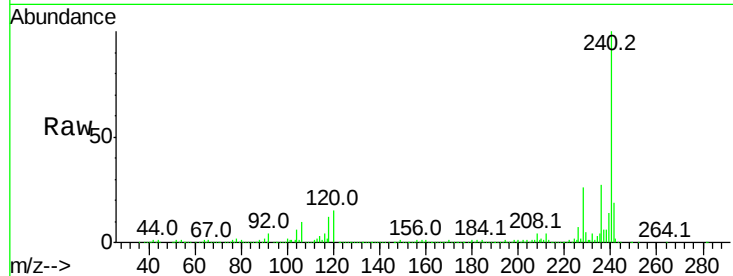
ClientSampleId :

PB106243BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	14.8	9.5	14.3#	
236	27.0	20.7	31.1	

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#76

Benzidine

Concen: 22.658 ng

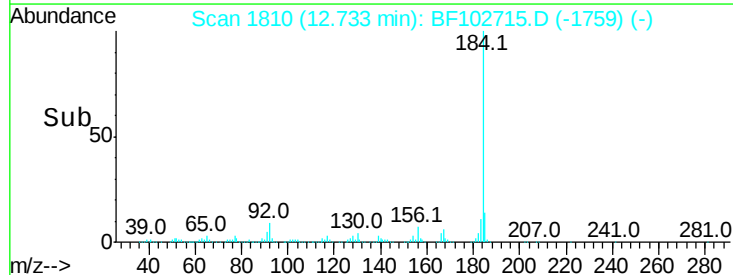
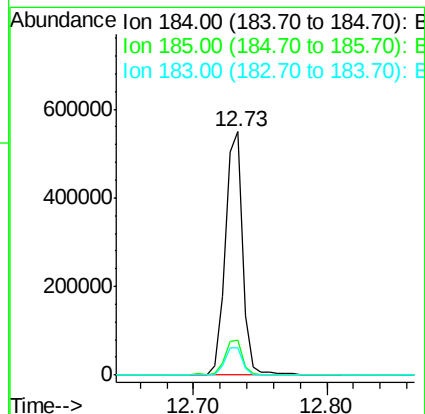
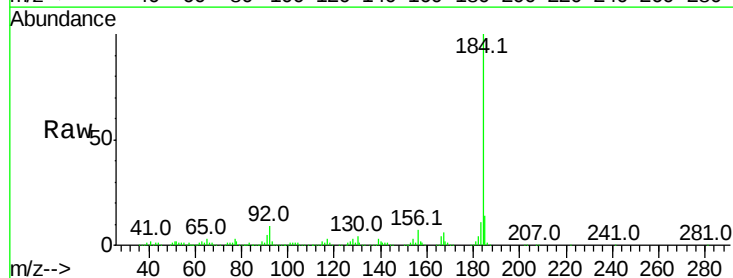
RT: 12.73 min Scan# 1810

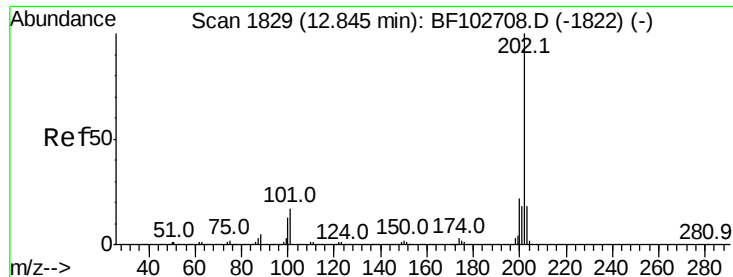
Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.2	12.6	18.8	
183	11.4	9.3	13.9	





#77

Pvrene

Concen: 38.335 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Instrument :

BNA_F

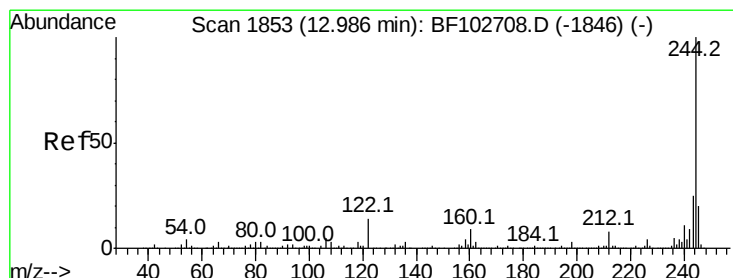
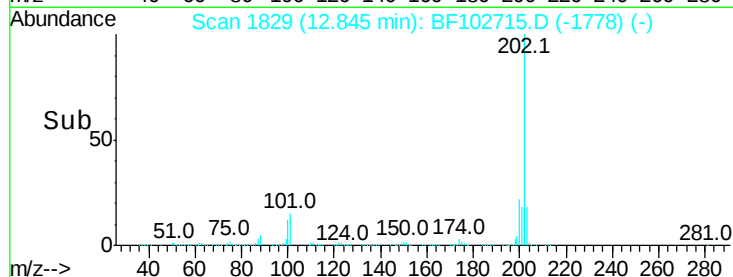
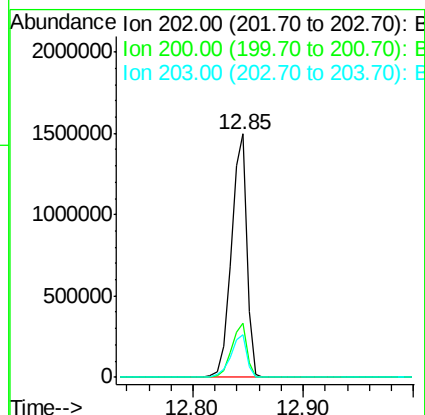
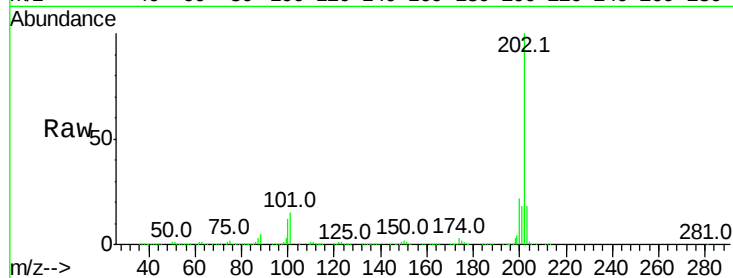
ClientSampleId :

PB106243BS

Tot Ion:	202	Resp:	1464024
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	17.6	14.3	21.5

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#78

Terphenyl-d14

Concen: 83.638 ng

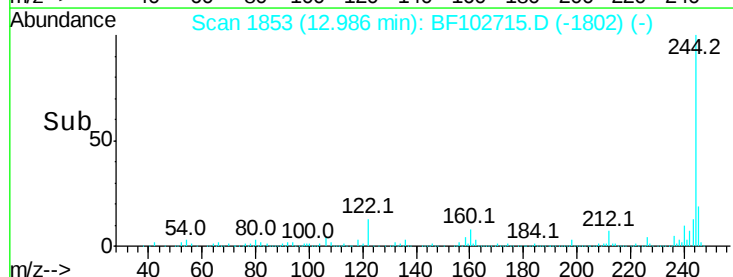
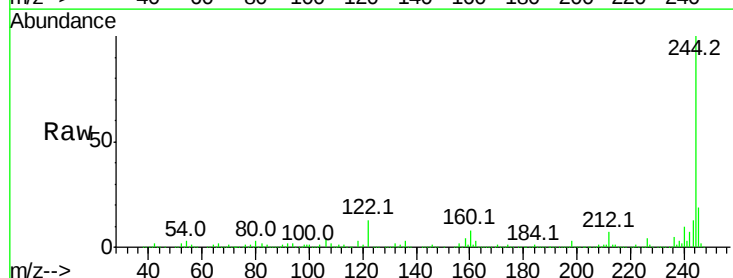
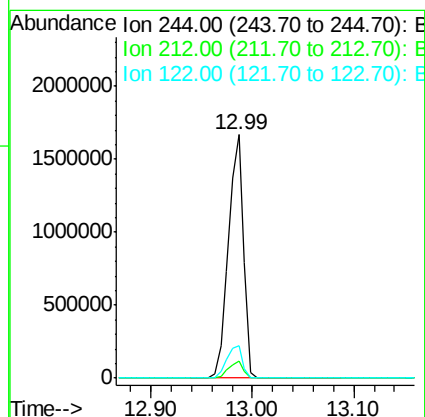
RT: 12.99 min Scan# 1853

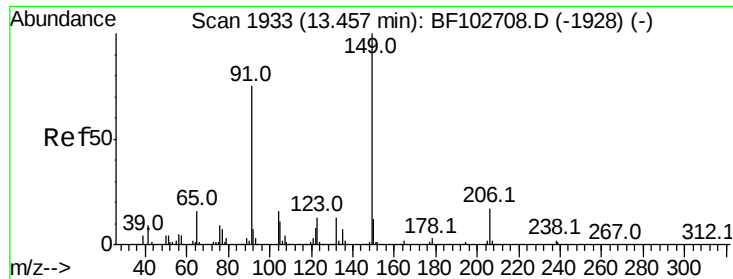
Delta R.T. 0.00 min

Lab File: BF102715.D

Acq: 3 Feb 2018 14:26

Tgt Ion:	244	Resp:	1720351
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.2	11.0	16.4





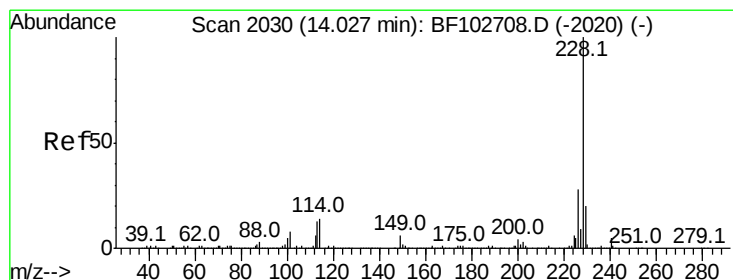
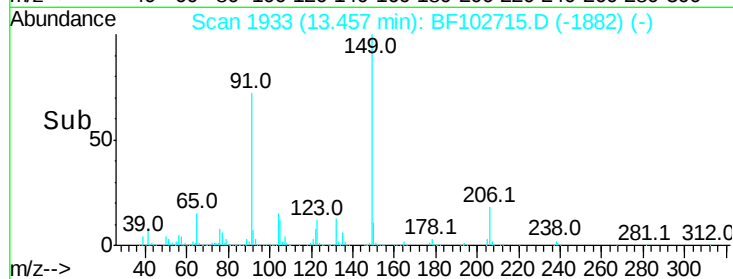
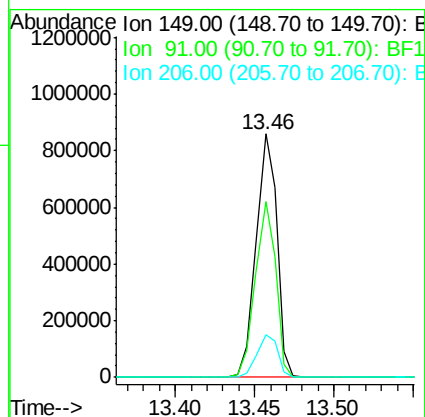
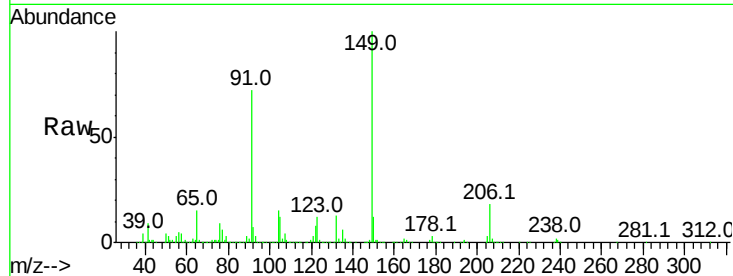
#79
Butylbenzylphthalate
Concen: 42.973 ng
RT: 13.46 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Instrument :
BNA_F
ClientSampleId :
PB106243BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	783029		
91	72.1	56.8	85.2	
206	17.5	14.1	21.1	

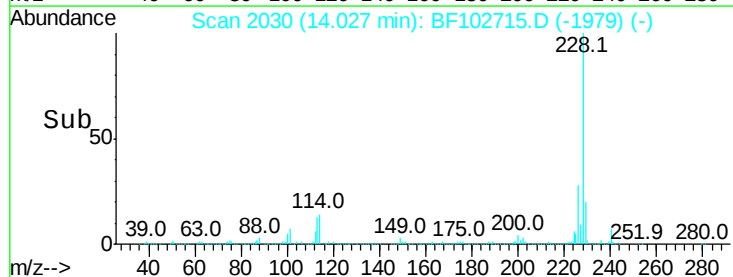
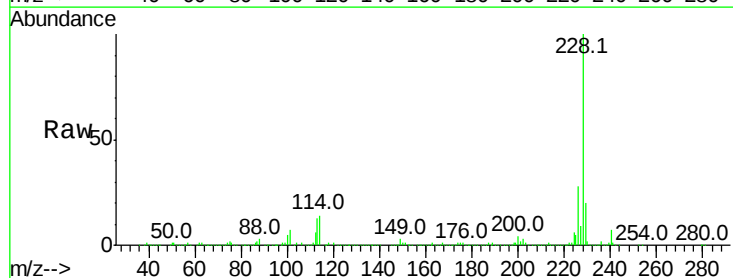
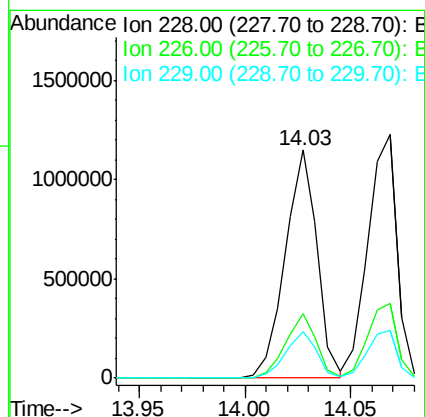
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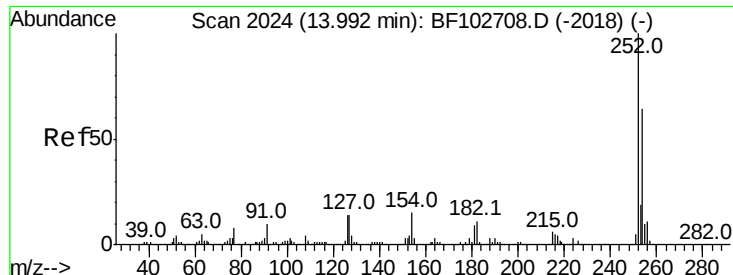
Sohil
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#80
Benzo(a)anthracene
Concen: 39.406 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1206984		
226	28.1	22.6	33.8	
229	20.3	15.8	23.6	





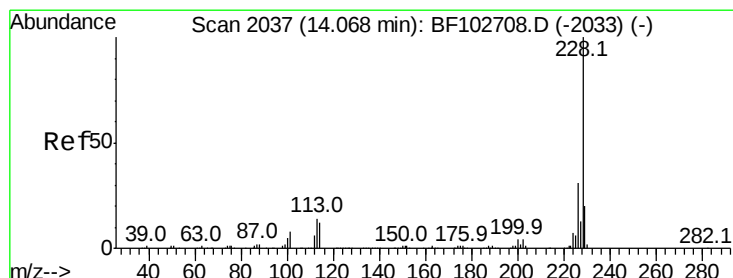
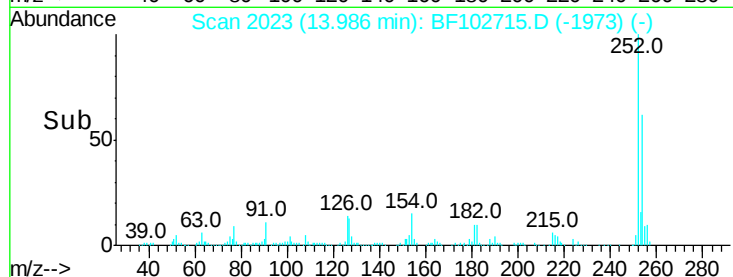
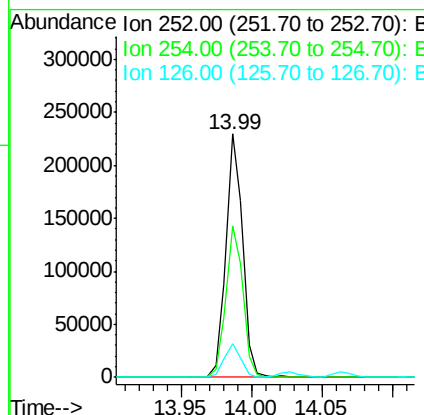
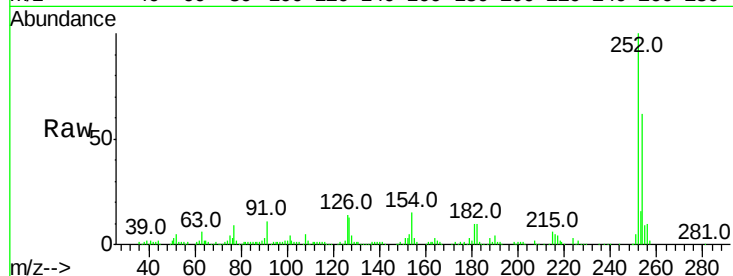
#81
 3,3'-Dichlorobenzidine
 Concen: 16.680 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB106243BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.0	50.4	75.6
126	14.1	11.3	16.9

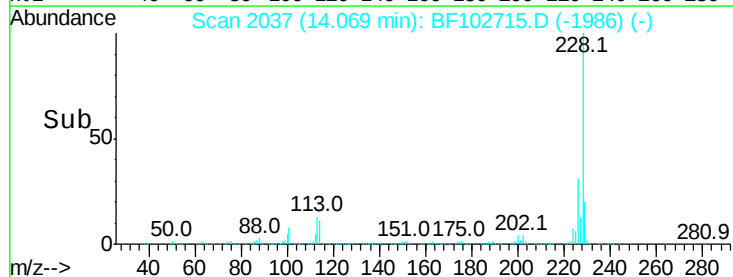
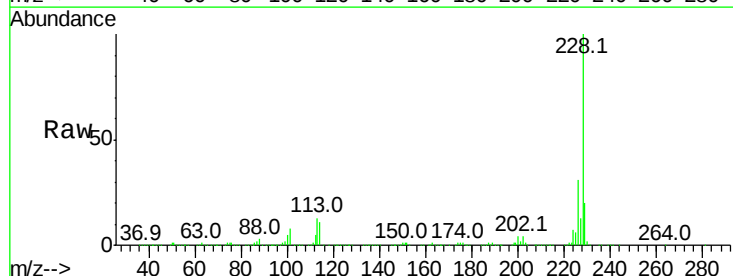
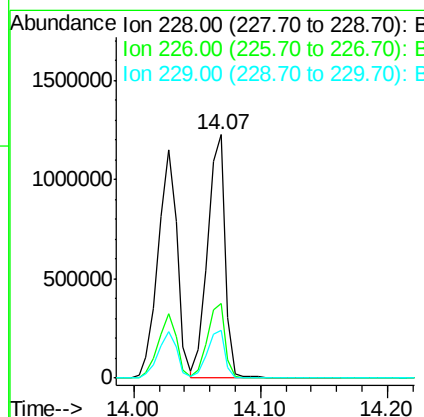
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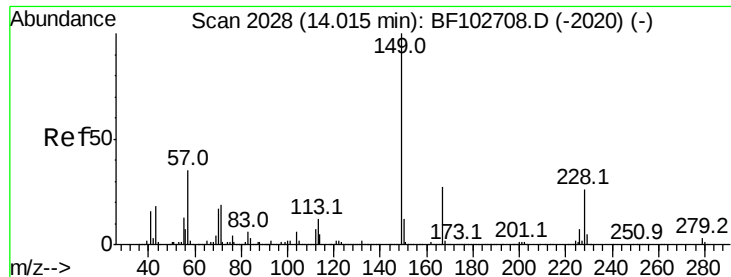
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#82
 Chrysene
 Concen: 38.570 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.7	16.2	24.4





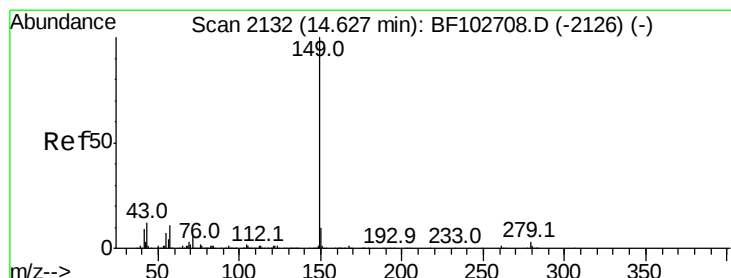
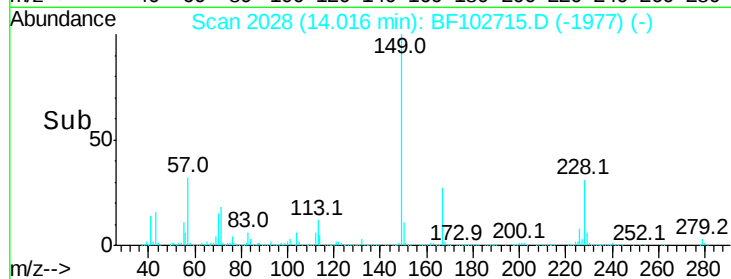
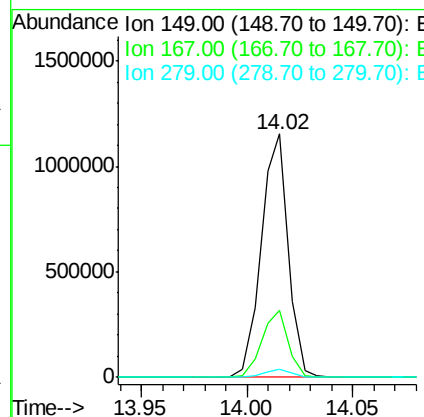
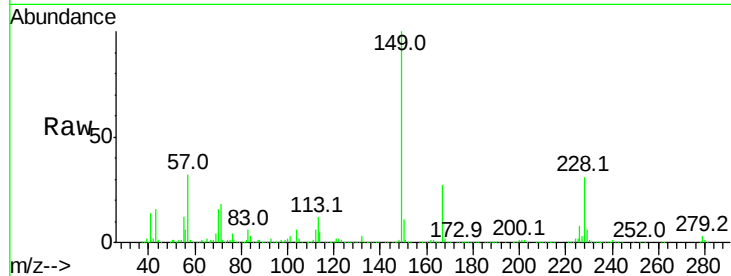
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.760 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB106243BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.3	31.9
279	3.4	3.0	4.4

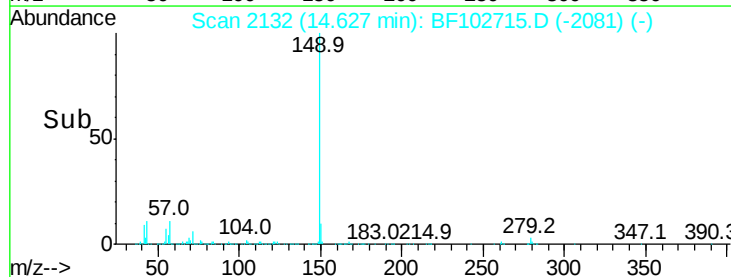
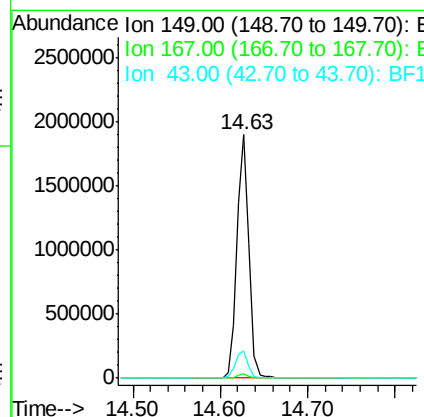
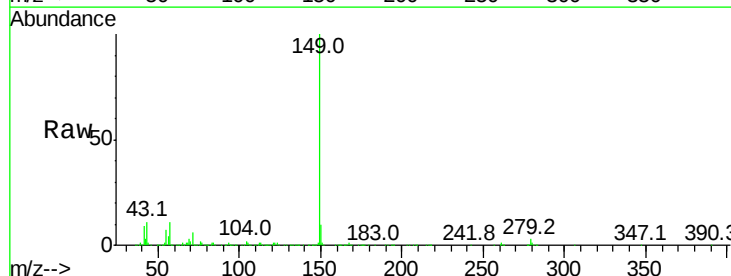
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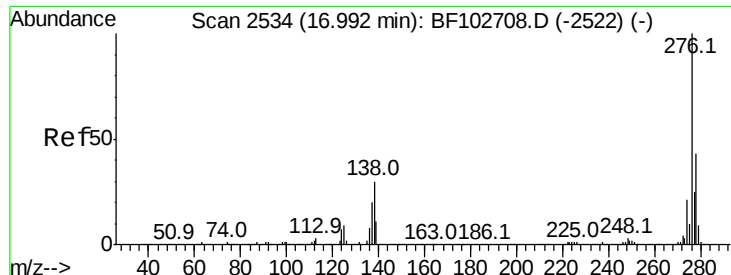
Sohil
 2/5/2018 11:05:13 AM



#84
 Di-n-octyl phthalate
 Concen: 50.478 ng
 RT: 14.63 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.7	8.4	12.6





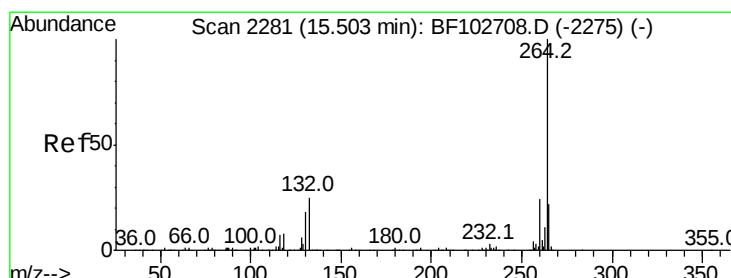
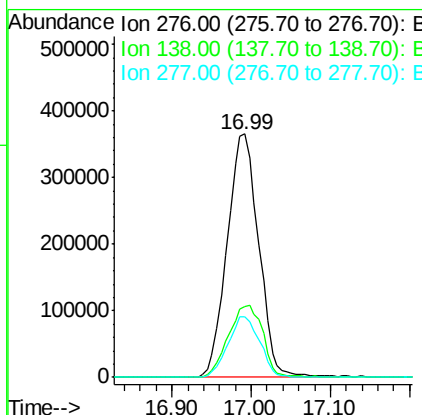
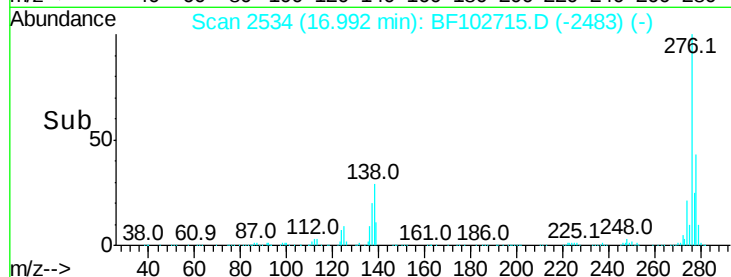
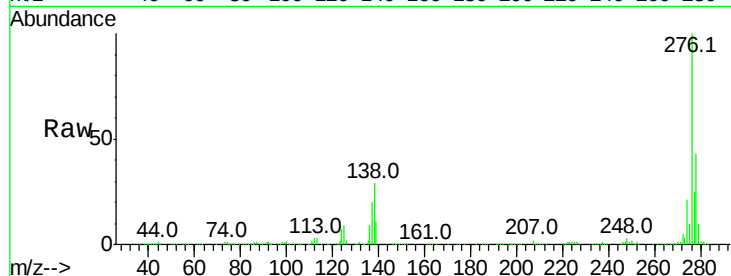
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.418 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. 0.00 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB106243BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.2	25.0	37.6
277	25.3	20.1	30.1

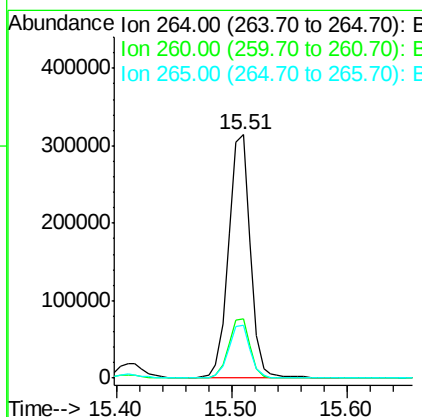
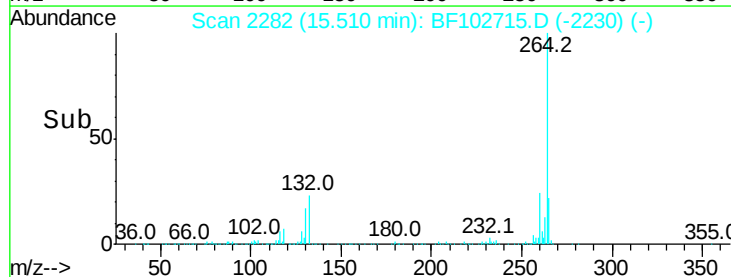
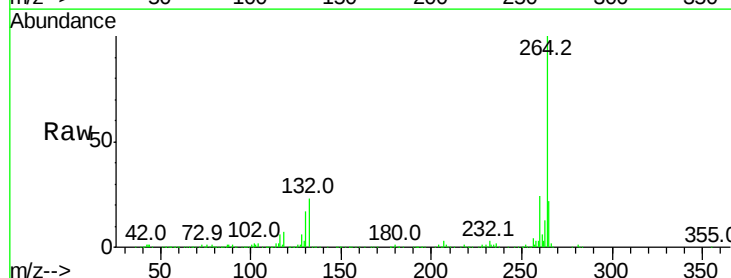
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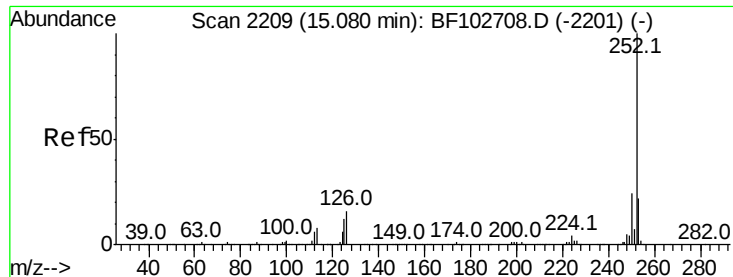
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. 0.01 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.5	17.5	26.3





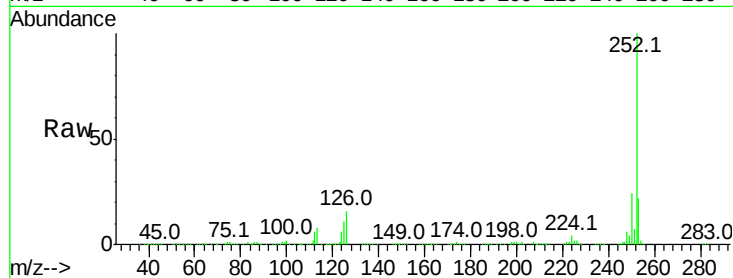
#87
Benzo(b)fluoranthene
Concen: 43.319 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Instrument :
BNA_F
ClientSampleId :
PB106243BS

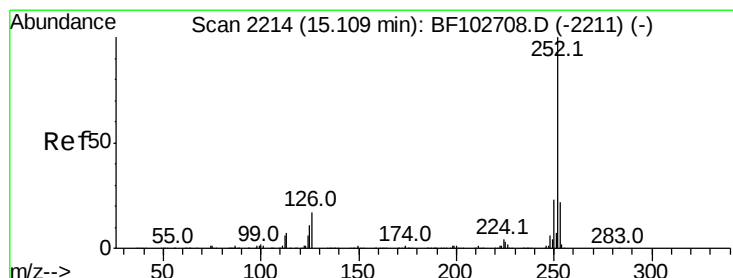
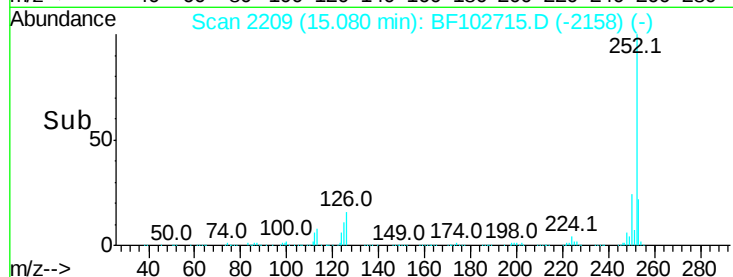
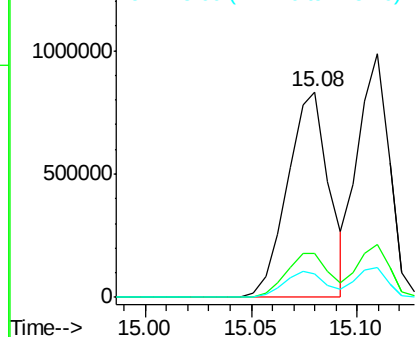
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	11.3	9.0	13.6

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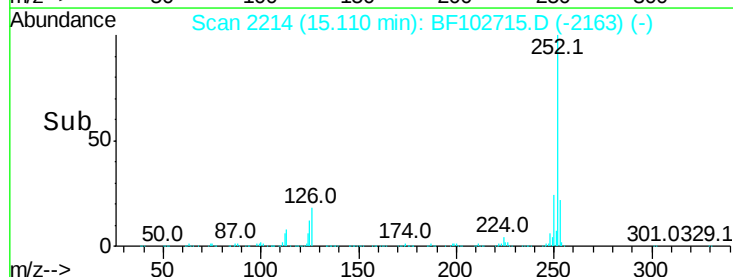
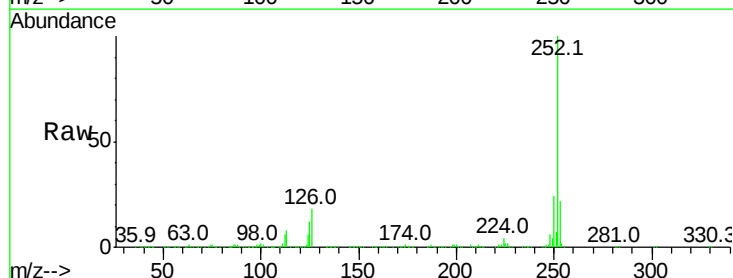
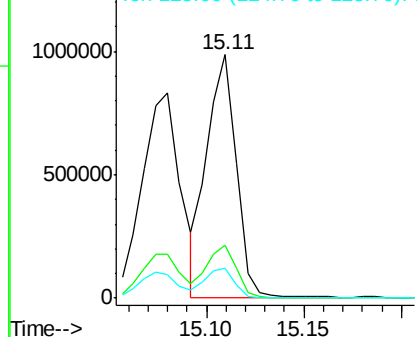
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

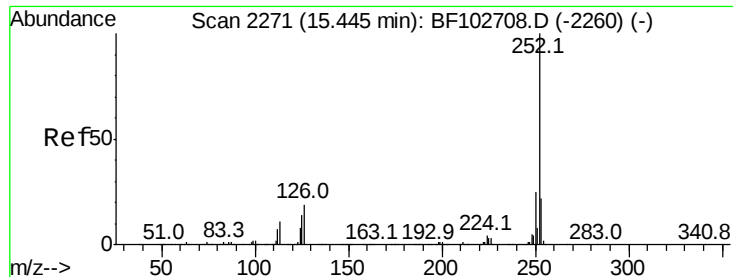


#88
Benzo(k)fluoranthene
Concen: 40.868 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	12.3	10.2	15.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





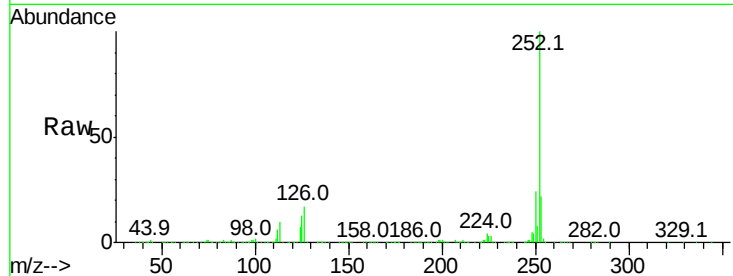
#89
Benzo(a)pyrene
Concen: 42.790 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Instrument :
BNA_F
ClientSampleId :
PB106243BS

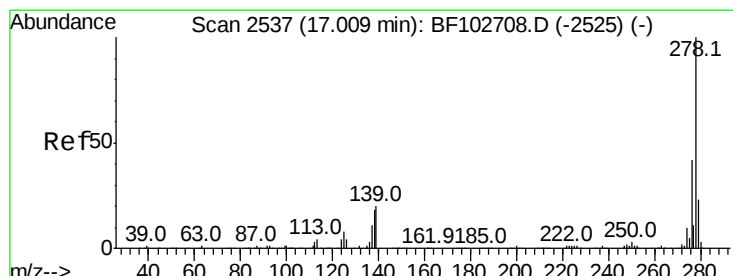
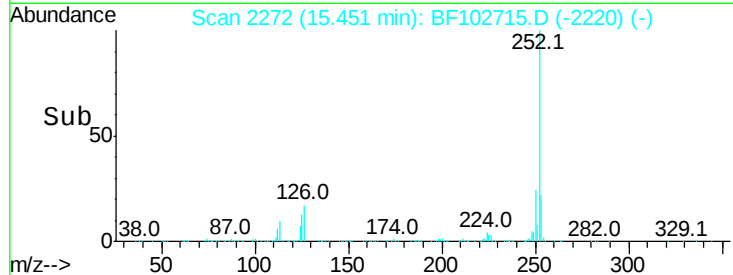
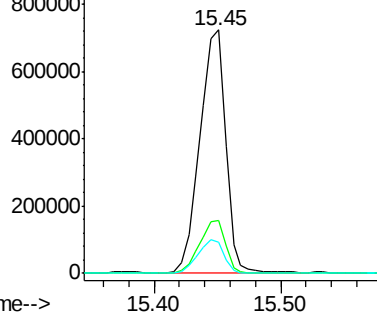
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	13.0	9.8	14.6

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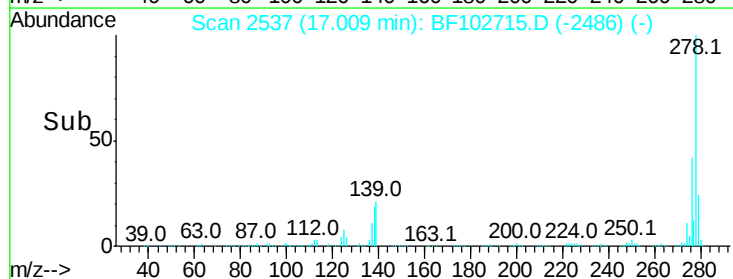
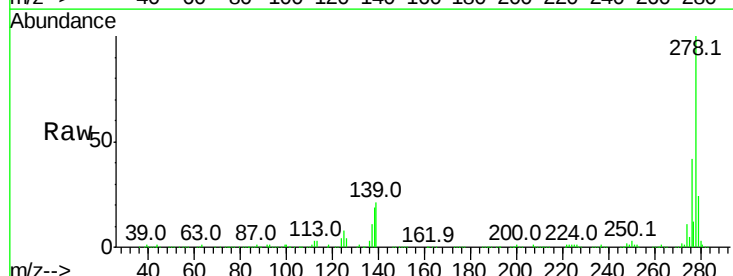
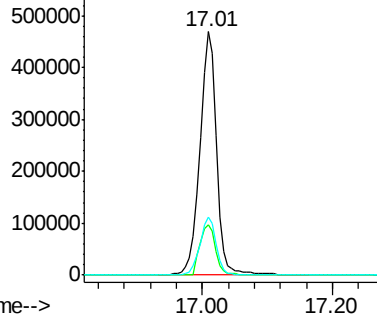
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

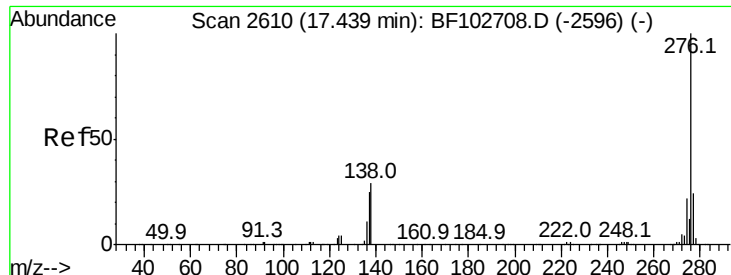


#90
Dibenzo(a,h)anthracene
Concen: 43.264 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.00 min
Lab File: BF102715.D
Acq: 3 Feb 2018 14:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.5	15.9	23.9
279	23.7	19.0	28.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 44.875 ng
 RT: 17.44 min Scan# 2611
 Delta R.T. 0.01 min
 Lab File: BF102715.D
 Acq: 3 Feb 2018 14:26

Instrument :
 BNA_F
 ClientSampleId :
 PB106243BS

Tot Ion:	276	Resp:	846799
Ion Ratio	Lower	Upper	
276	100		
277	23.4	17.9	26.9
138	26.8	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 2/5/2018 11:05:13 AM

