

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103778.D
 Acq On : 20 Mar 2018 1:25
 Operator : JU/SJ
 Sample : J1971-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ES-6-SA-1-WW@2MS

Manual Integrations
 APPROVED

Sohil
 3/20/2018 6:27:41 PM

Quant Time: Mar 20 02:35:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	140483	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	550169	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	231487	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	367155	20.00	ng	0.01
75) Chrysene-d12	14.16	240	278981	20.00	ng	0.01
86) Perylene-d12	15.70	264	254460	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1173646	127.07	ng	0.02
7) Phenol-d6	6.60	99	1433487	126.86	ng	0.02
23) Nitrobenzene-d5	7.54	82	885635	112.26	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	296321	148.88	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1348605	92.93	ng	0.00
78) Terphenyl-d14	13.09	244	1122899	93.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	170743	37.543	ng	# 89
3) Pyridine	3.66	79	471827	37.718	ng	87
4) n-Nitrosodimethylamine	3.62	42	194192	42.103	ng	# 74
6) Aniline	6.64	93	430937	26.708	ng	97
8) 2-Chlorophenol	6.76	128	445879	46.083	ng	95
9) Benzaldehyde	6.53	77	151066	20.349	ng	93
10) Phenol	6.62	94	559651	46.609	ng	96
11) bis(2-Chloroethyl)ether	6.71	93	428895	43.269	ng	96
12) 1,3-Dichlorobenzene	6.92	146	459318	41.681	ng	99
13) 1,4-Dichlorobenzene	6.99	146	463205	41.830	ng	99
14) 1,2-Dichlorobenzene	7.15	146	430962	41.940	ng	100
15) Benzyl Alcohol	7.11	79	380868	43.502	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	572632	40.617	ng	93
17) 2-Methylphenol	7.22	107	378272	43.902	ng	98
18) Hexachloroethane	7.49	117	144675	37.142	ng	98
19) n-Nitroso-di-n-propylamine	7.39	70	291461	40.247	ng	89
20) 3+4-Methylphenols	7.37	107	450370	41.187	ng	96
22) Acetophenone	7.38	105	575683	40.714	ng	# 95
24) Nitrobenzene	7.56	77	454355	49.055	ng	98
25) Isophorone	7.79	82	838415	45.907	ng	100
26) 2-Nitrophenol	7.87	139	214846	58.416	ng	95
27) 2,4-Dimethylphenol	7.90	122	397016	50.744	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	540667	48.889	ng	99
29) 2,4-Dichlorophenol	8.11	162	357649	50.245	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	364615	44.164	ng	98
31) Naphthalene	8.28	128	1203611	43.308	ng	100
32) Benzoic acid	7.97	122	44571	16.313	ng	94
33) 4-Chloroaniline	8.32	127	190123	16.306	ng	96
34) Hexachlorobutadiene	8.39	225	190675	42.124	ng	99
35) Caprolactam	8.69	113	119350m	48.693	ng	
36) 4-Chloro-3-methylphenol	8.80	107	373661	47.617	ng	95
37) 2-Methylnaphthalene	8.97	142	774541	43.947	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	321707	48.714	ng	99
40) Hexachlorocyclopentadiene	9.12	237	111114	32.607	ng	97

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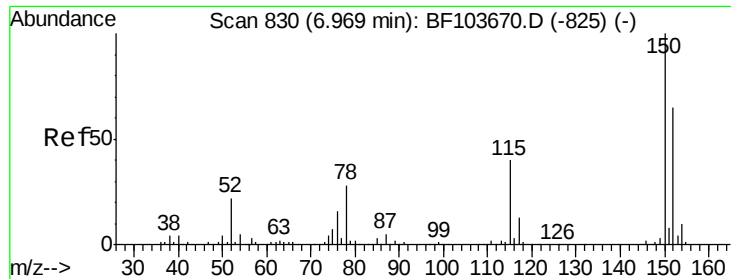
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	230157	54.486	ng	100
43) 2,4,5-Trichlorophenol	9.29	196	245037	51.395	ng	97
45) 1,1'-Biphenyl	9.43	154	873008	45.227	ng	100
46) 2-Chloronaphthalene	9.46	162	703545	45.889	ng	99
47) 2-Nitroaniline	9.56	65	219795	53.837	ng	91
48) Acenaphthylene	9.88	152	1035098	43.539	ng	100
49) Dimethylphthalate	9.73	163	947875	53.670	ng	99
50) 2,6-Dinitrotoluene	9.80	165	180639	52.468	ng	# 85
51) Acenaphthene	10.05	154	621243	44.009	ng	99
52) 3-Nitroaniline	9.96	138	152487	38.096	ng	97
53) 2,4-Dinitrophenol	10.07	184	36267	49.261	ng	# 21
54) Dibenzofuran	10.22	168	903339	44.806	ng	99
55) 4-Nitrophenol	10.12	139	306866	93.977	ng	95
56) 2,4-Dinitrotoluene	10.20	165	224497	51.366	ng	# 86
57) Fluorene	10.57	166	673322	43.039	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	181772	53.806	ng	94
59) Diethylphthalate	10.43	149	780504	44.526	ng	99
60) 4-Chlorophenyl-phenylether	10.56	204	321604	44.981	ng	93
61) 4-Nitroaniline	10.58	138	175202	44.735	ng	96
62) Azobenzene	10.72	77	714634	40.099	ng	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	35960	32.628	ng	79
65) n-Nitrosodiphenylamine	10.67	169	624715	49.988	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	188996	50.135	ng	97
67) Hexachlorobenzene	11.12	284	200691	46.645	ng	93
68) Atrazine	11.20	200	184499	47.724	ng	98
69) Pentachlorophenol	11.31	266	212620	85.956	ng	96
70) Phenanthrene	11.53	178	908602	45.240	ng	99
71) Anthracene	11.59	178	938641	46.015	ng	100
72) Carbazole	11.74	167	878105	44.289	ng	99
73) Di-n-butylphthalate	12.06	149	1117806	46.987	ng	99
74) Fluoranthene	12.73	202	881659	42.610	ng	99
76) Benzidine	12.84	184	534874	44.952	ng	98
77) Pyrene	12.96	202	876125	42.762	ng	99
79) Butylbenzylphthalate	13.56	149	435620	47.990	ng	97
80) Benzo(a)anthracene	14.15	228	783886	44.389	ng	100
81) 3,3'-Dichlorobenzidine	14.11	252	284832	48.220	ng	99
82) Chrysene	14.19	228	744131	44.204	ng	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	617026	47.582	ng	100
84) Di-n-octyl phthalate	14.75	149	1033357	54.774	ng	96
85) Indeno(1,2,3-cd)pyrene	17.28	276	685256	46.613	ng	98
87) Benzo(b)fluoranthene	15.24	252	721830	44.901	ng	99
88) Benzo(k)fluoranthene	15.27	252	699562	45.269	ng	99
89) Benzo(a)pyrene	15.63	252	666830	45.732	ng	98
90) Dibenzo(a,h)anthracene	17.30	278	588895	46.642	ng	99
91) Benzo(g,h,i)perylene	17.76	276	550946	44.854	ng	96

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



#1

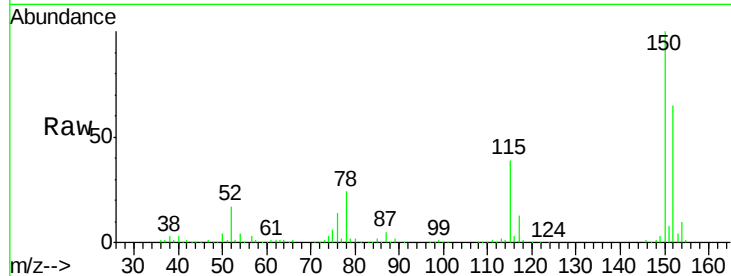
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-1-WW@2MS

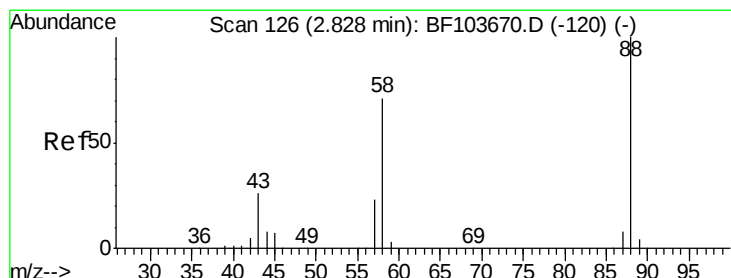
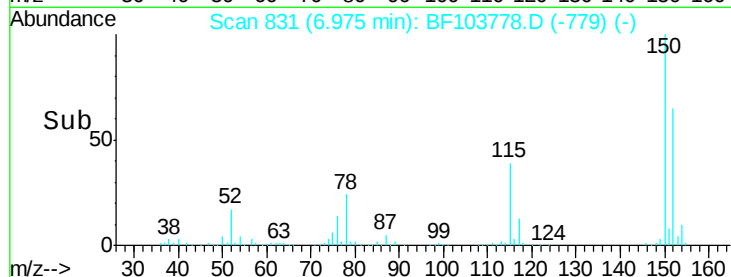
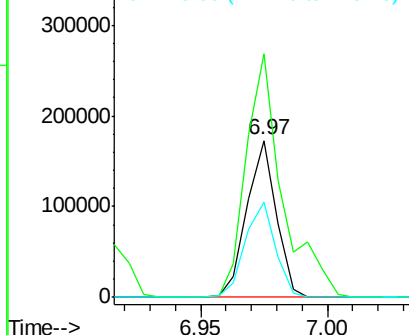
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	60.5	50.1	75.1

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

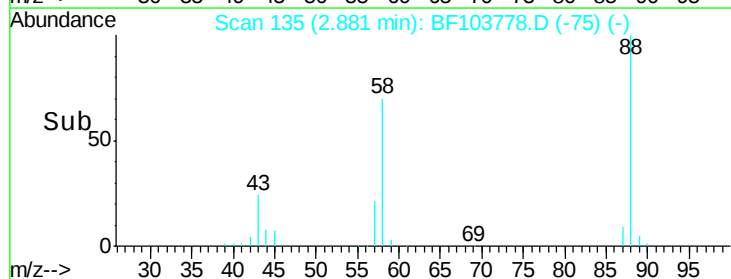
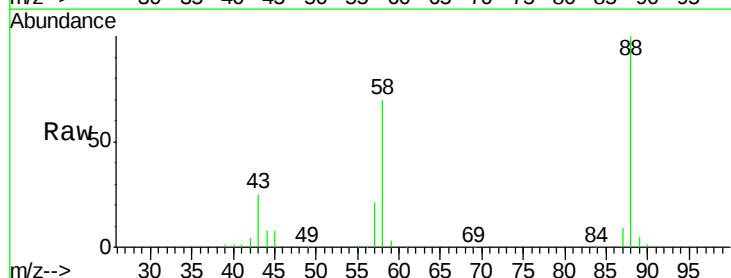
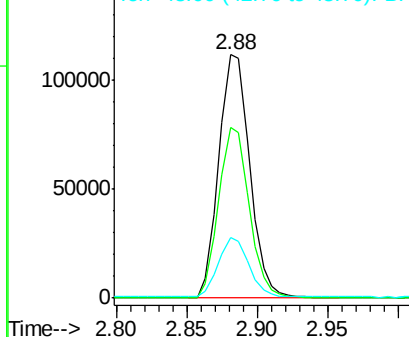


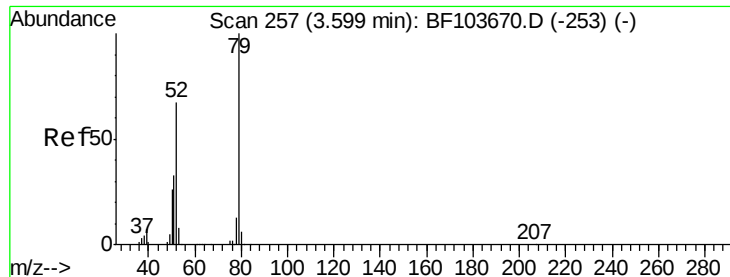
#2

1,4-Dioxane
Concen: 37.543 ng
RT: 2.88 min Scan# 135
Delta R.T. 0.05 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.4	62.6	93.8
43	24.0	24.6	37.0

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





#3

Pvridine

Concen: 37.718 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.06 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Instrument :

BNA_F

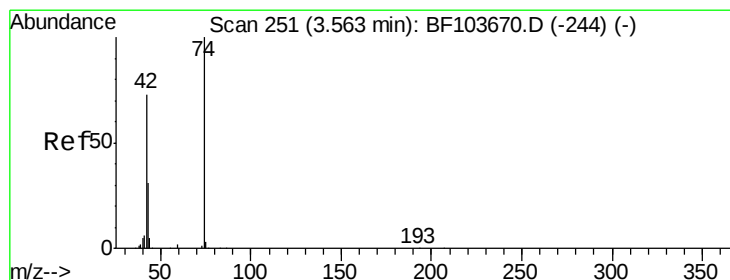
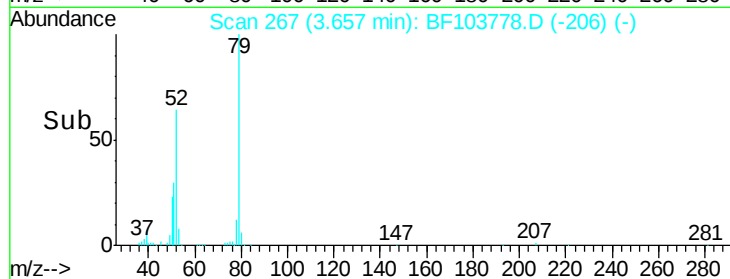
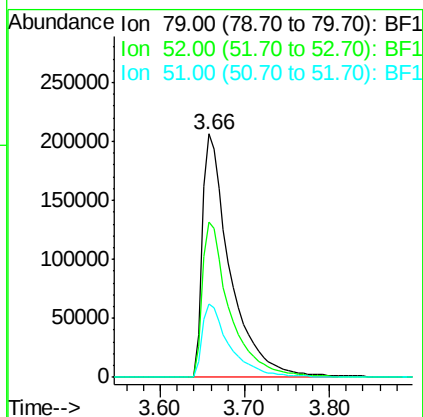
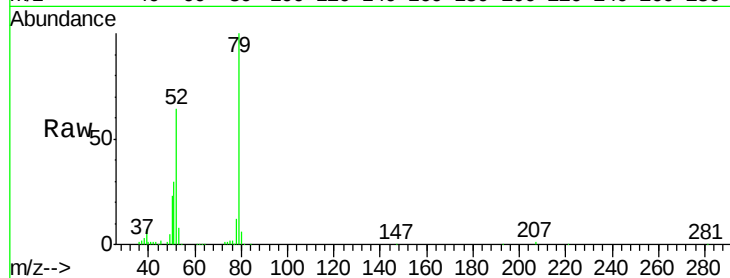
ClientSampleId :

ES-6-SA-1-WW@2MS

Tot Ion:	79	Resp:	471827
Ion Ratio	Lower	Upper	
79	100		
52	63.7	59.8	89.6
51	30.0	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 42.103 ng

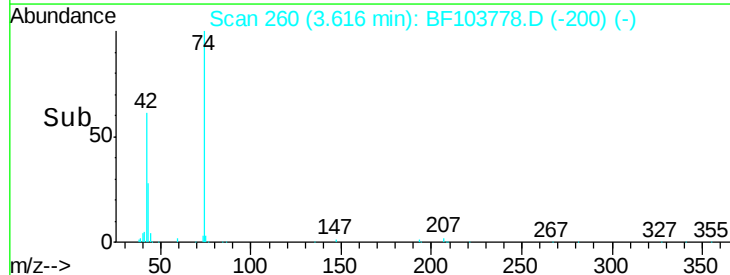
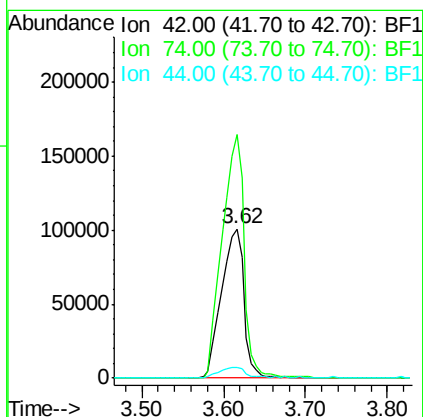
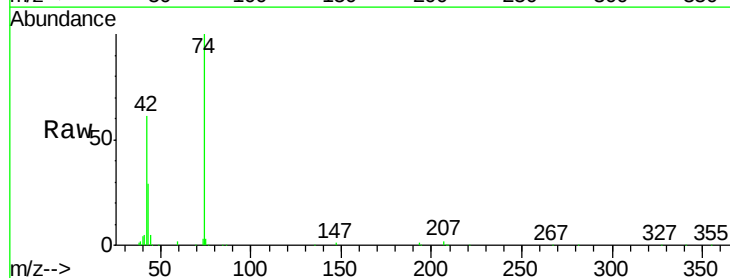
RT: 3.62 min Scan# 260

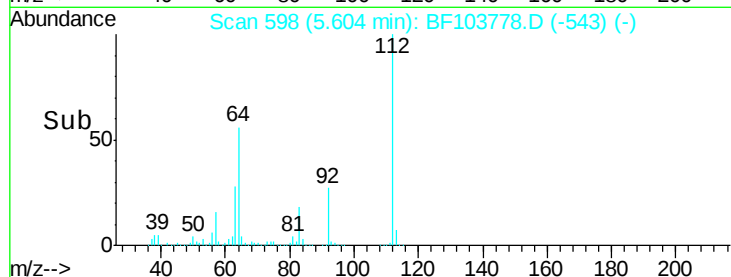
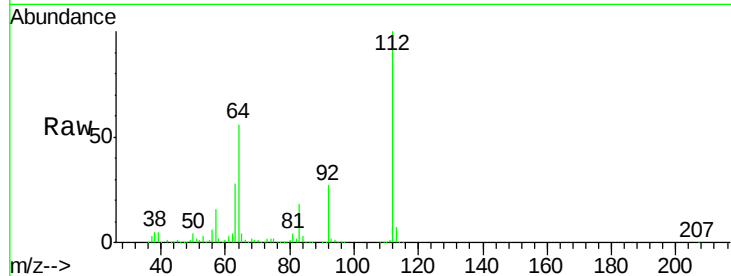
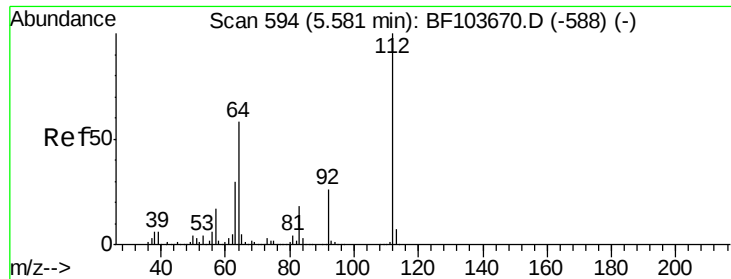
Delta R.T. 0.05 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Tgt Ion:	42	Resp:	194192
Ion Ratio	Lower	Upper	
42	100		
74	163.3	104.9	157.3#
44	7.5	6.9	10.3





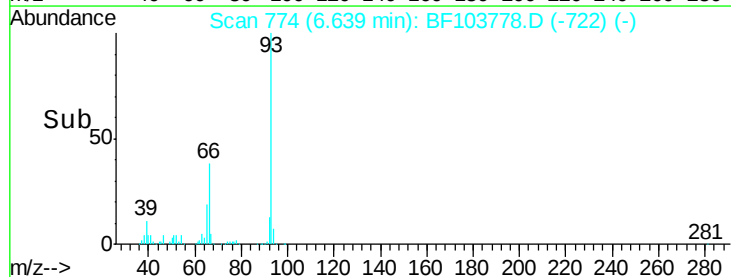
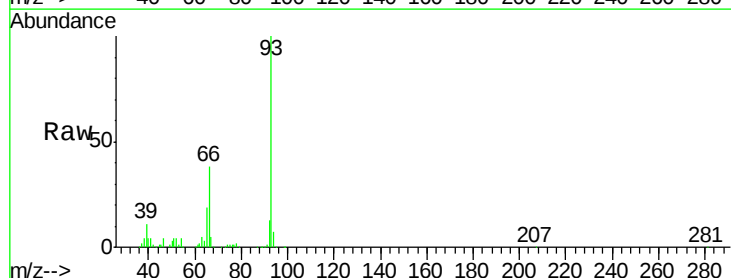
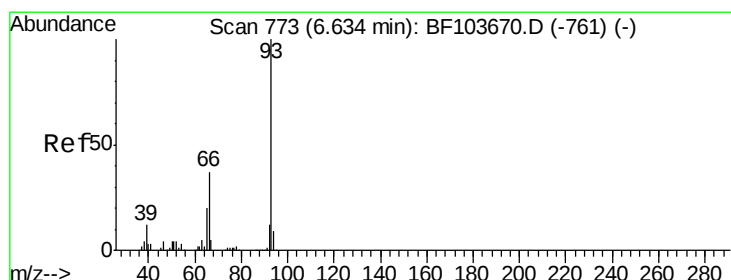
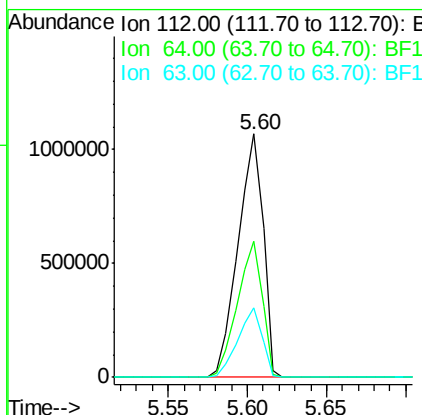
#5
2-Fluorophenol
Concen: 127.069 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.02 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tot Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.9	71.9
63	28.4	23.7	35.5

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-1-WW@2MS

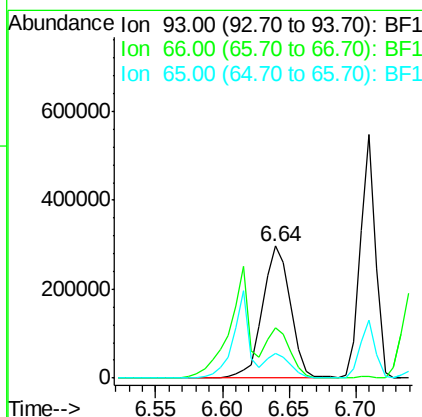
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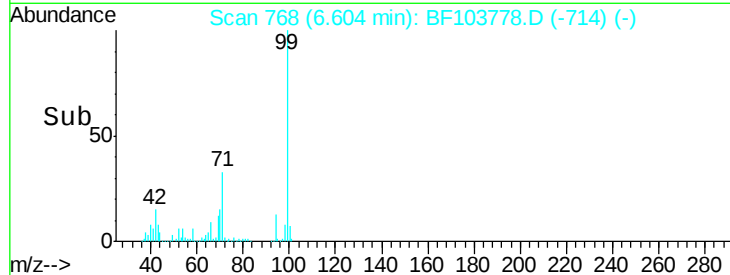
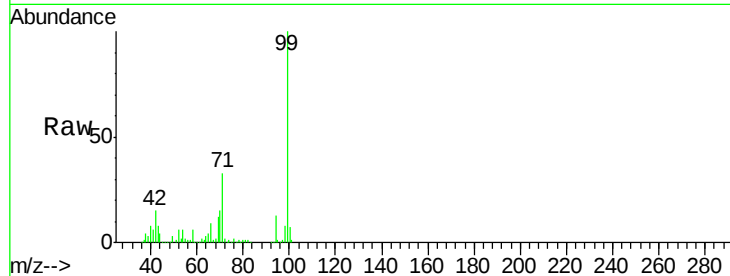
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#6
Aniline
Concen: 26.708 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Lower	Upper
93	100		
66	38.4	32.2	48.2
65	18.7	16.4	24.6





#7

Phenol-d6

Concen: 126.858 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.02 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Tot Ion:	99	Resp:	1433487
Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.5	21.7
71	32.7	25.4	38.0

Instrument :

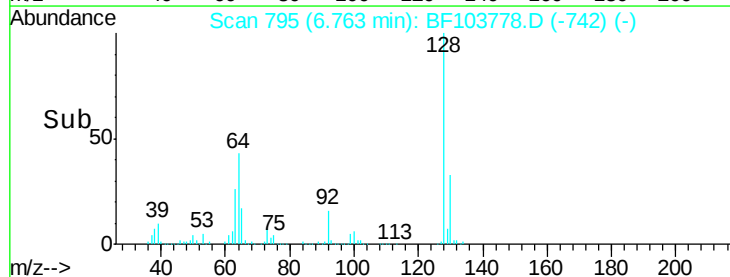
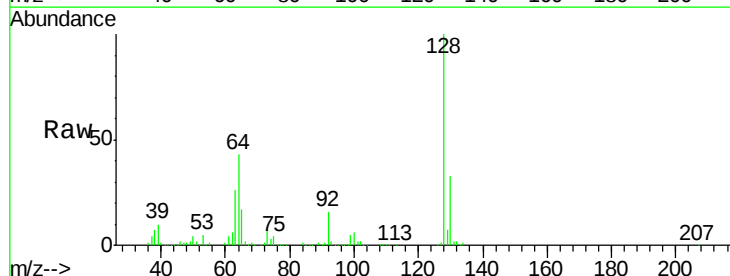
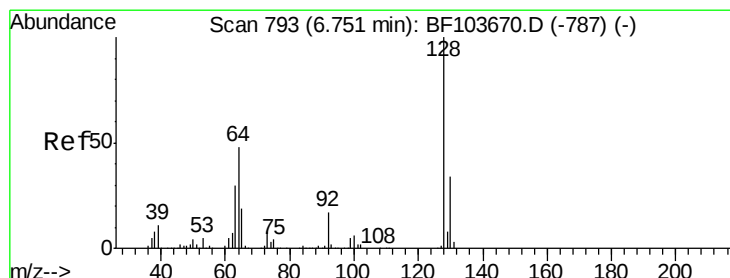
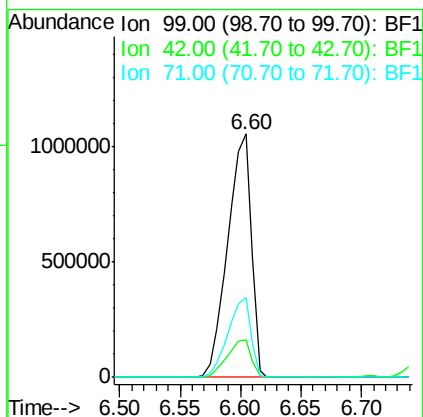
BNA_F

ClientSampleId :

ES-6-SA-1-WW@2MS

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#8

2-Chlorophenol

Concen: 46.083 ng

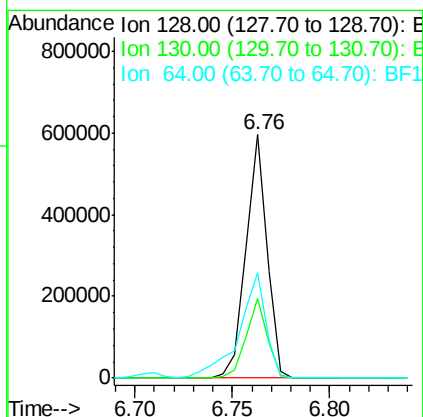
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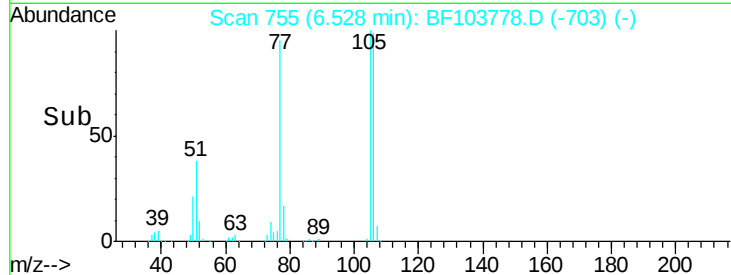
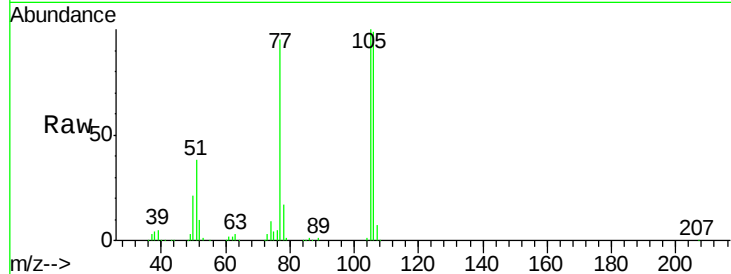
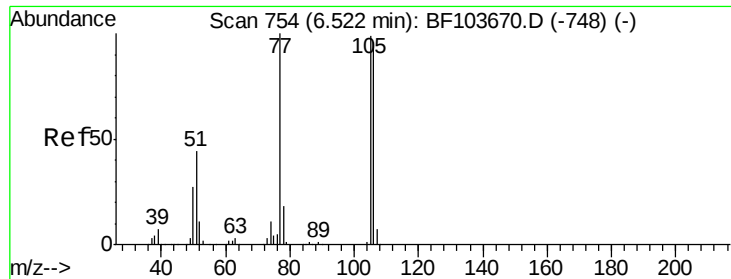
Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Tgt Ion:	128	Resp:	445879
Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.0	53.0
64	43.4	29.4	69.4





#9

Benzaldehyde

Concen: 20.349 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Tot Ion:	77	Resp:	151066
Ion Ratio	Lower	Upper	
77	100		
105	105.1	81.1	121.1
106	103.6	74.5	114.5

Instrument :

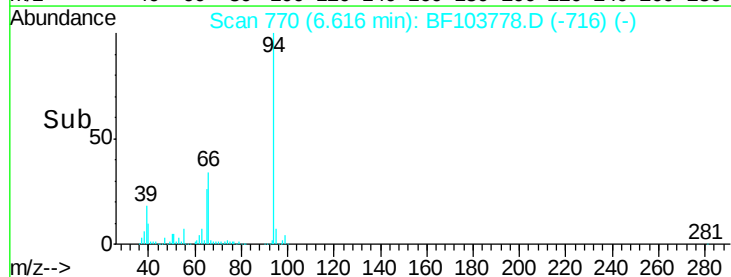
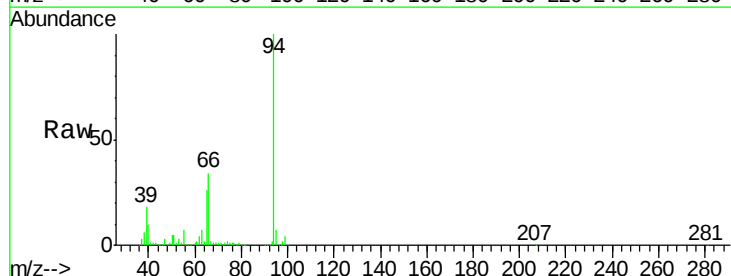
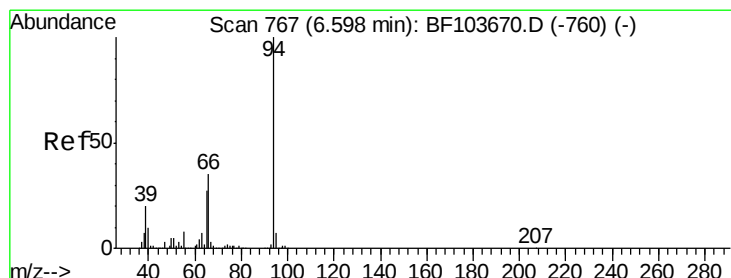
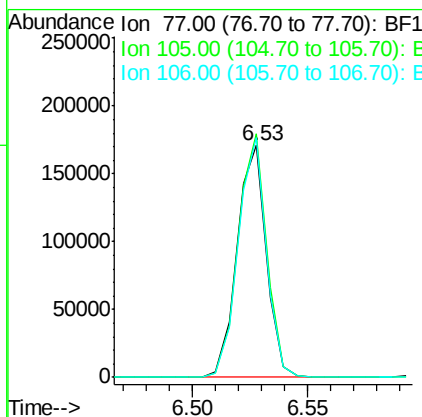
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 46.609 ng

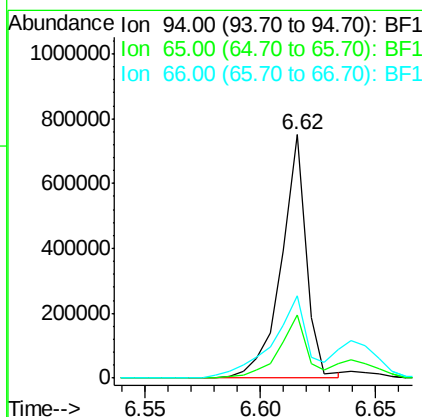
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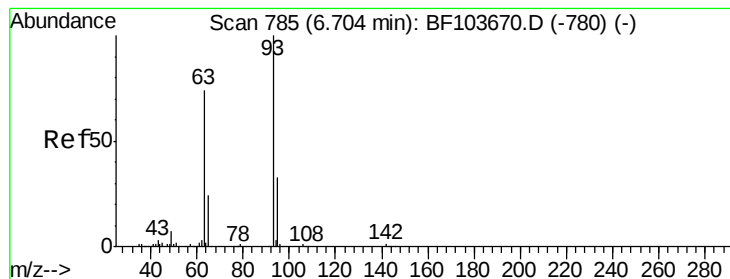
Delta R.T. 0.02 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Tgt Ion:	94	Resp:	559651
Ion Ratio	Lower	Upper	
94	100		
65	26.1	7.9	47.9
66	33.6	16.2	56.2





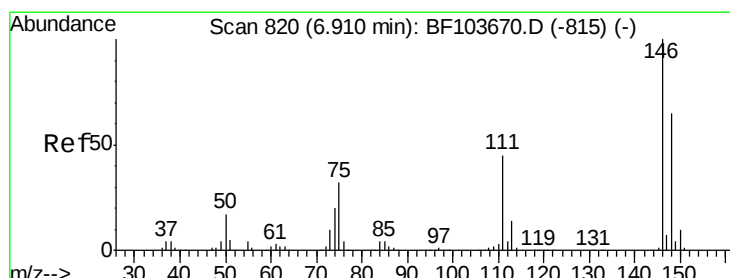
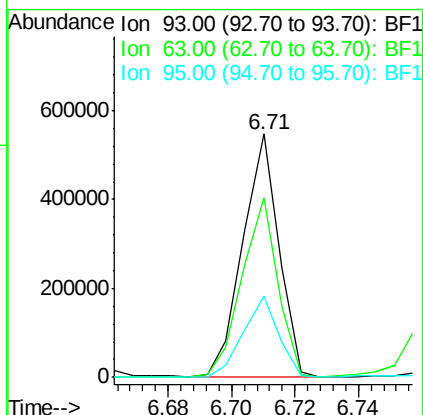
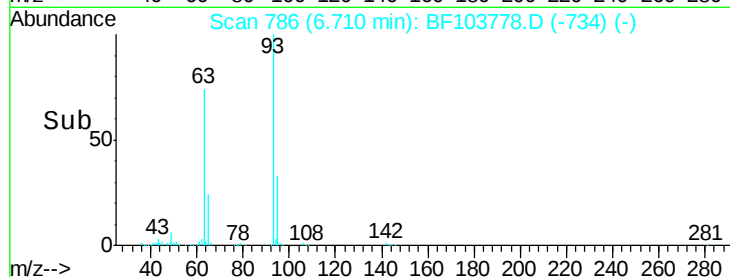
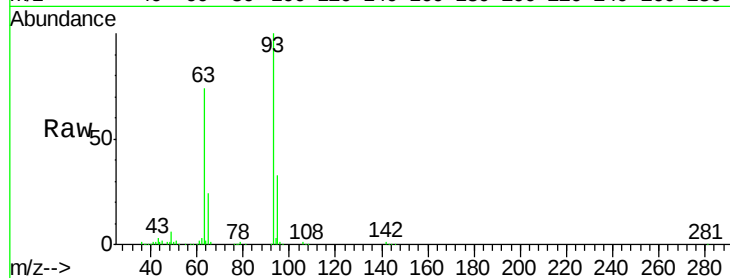
#11
bis(2-Chloroethyl)ether
Concen: 43.269 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-1-WW@2MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	428895		
63	73.9		58.6	98.6
95	33.0		11.8	51.8

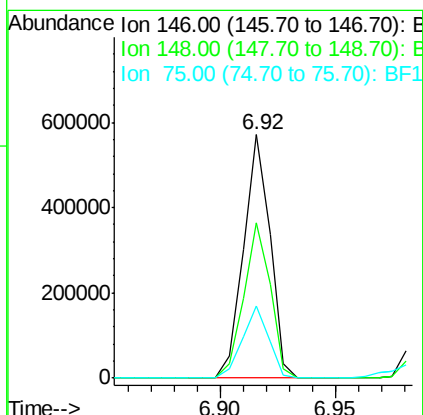
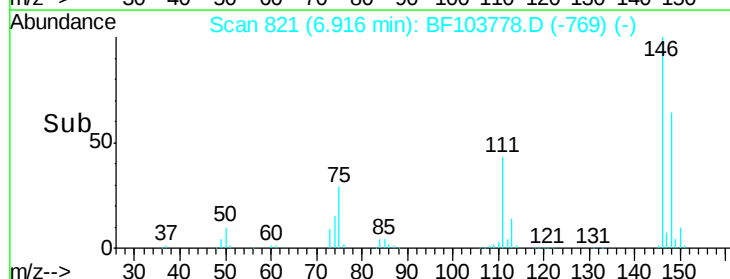
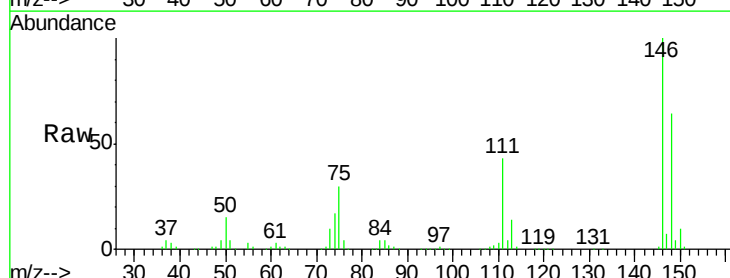
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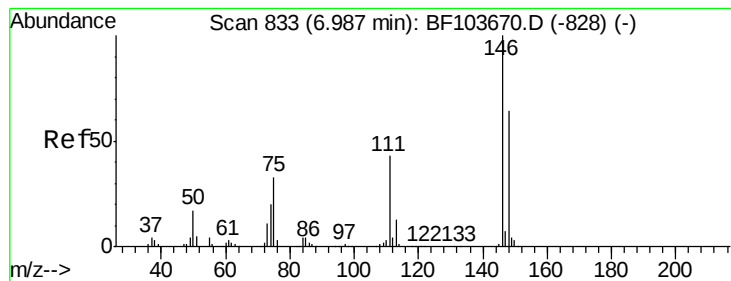
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#12
1,3-Dichlorobenzene
Concen: 41.681 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	459318		
148	63.7		51.8	77.8
75	29.7		24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 41.830 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Instrument :

BNA_F

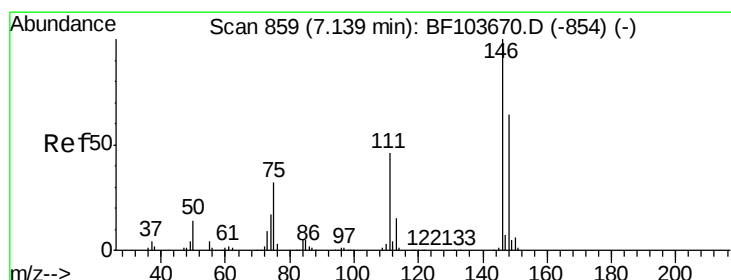
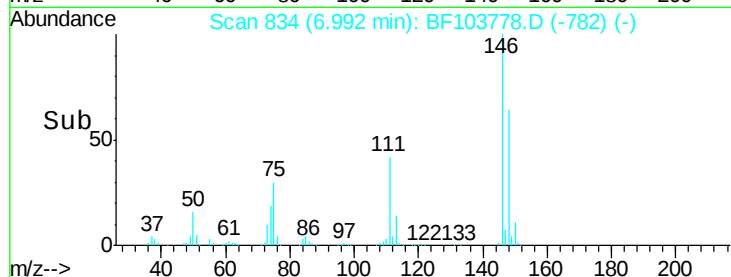
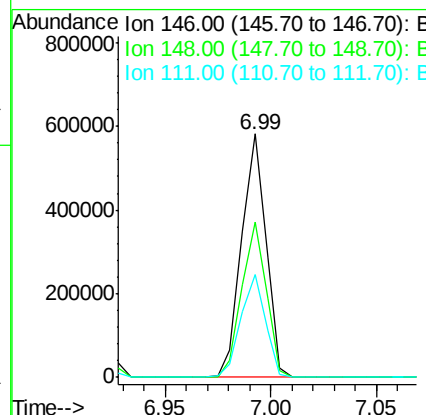
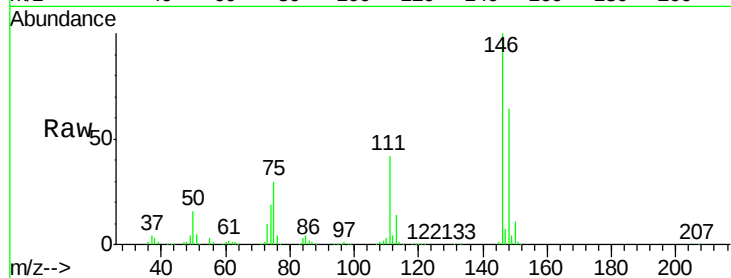
ClientSampleId :

ES-6-SA-1-WW@2MS

Tot Ion:	146	Resp:	463205
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.8	76.2
111	42.0	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 41.940 ng

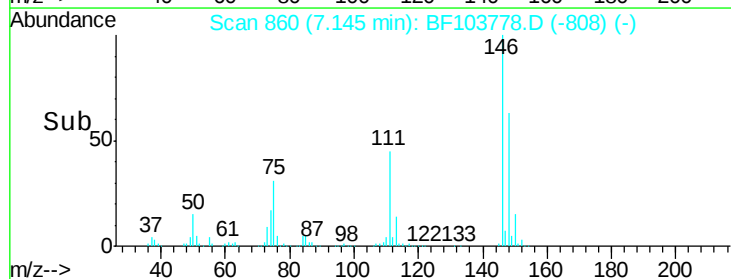
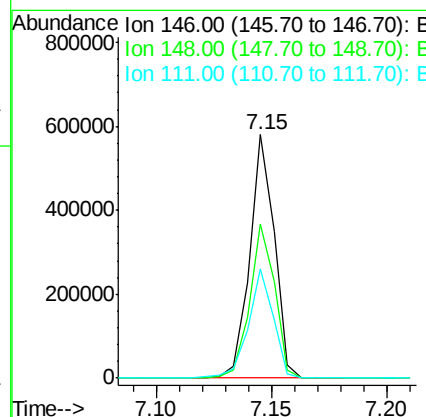
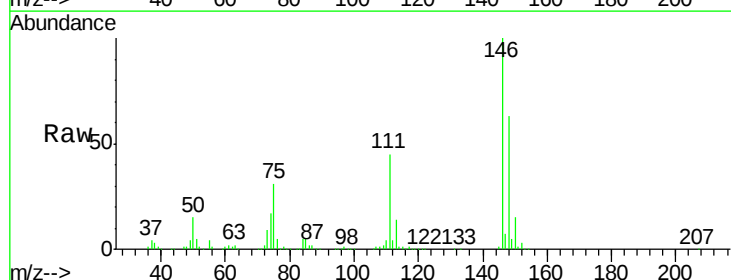
RT: 7.15 min Scan# 860

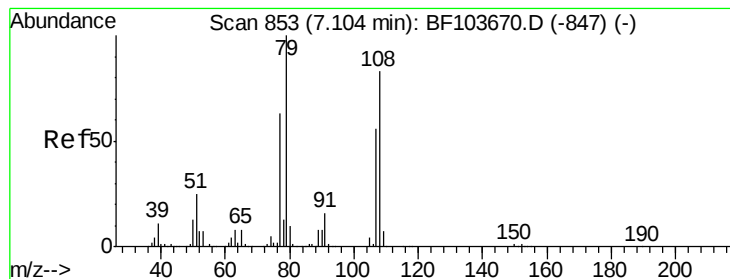
Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Tgt Ion:	146	Resp:	430962
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.6	75.8
111	45.1	36.0	54.0





#15

Benzyl Alcohol

Concen: 43.502 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Instrument :

BNA_F

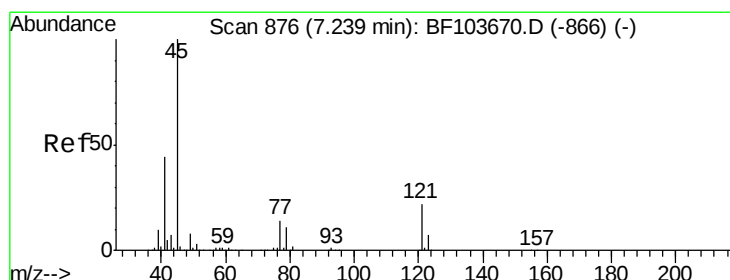
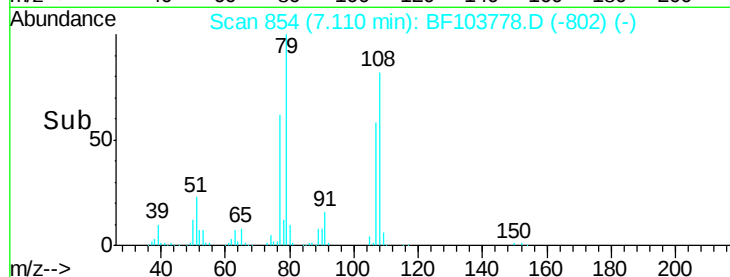
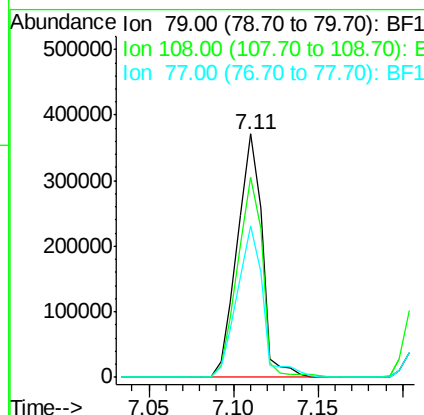
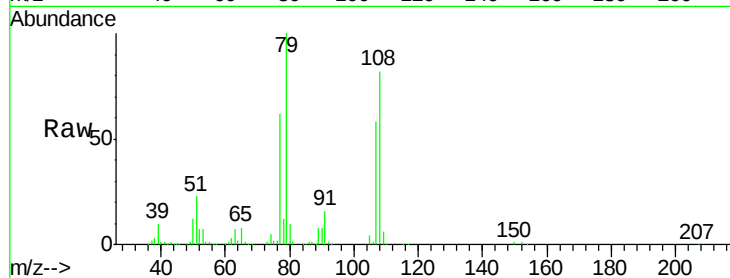
ClientSampleId :

ES-6-SA-1-WW@2MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.3	65.1	97.7
77	62.4	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.617 ng

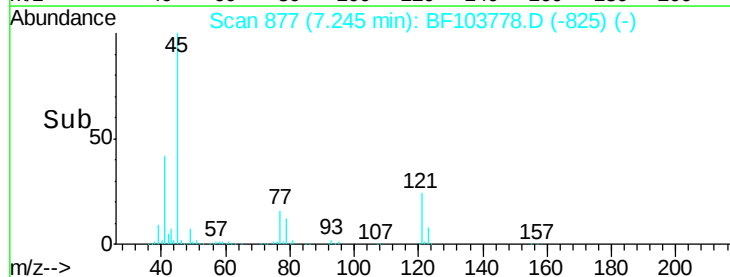
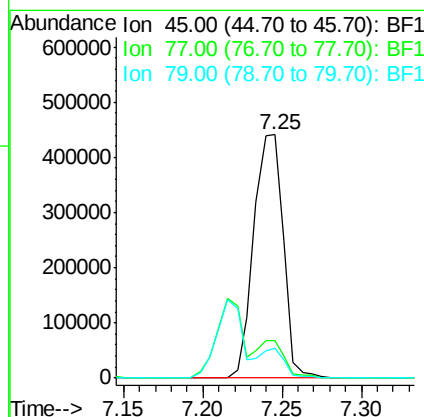
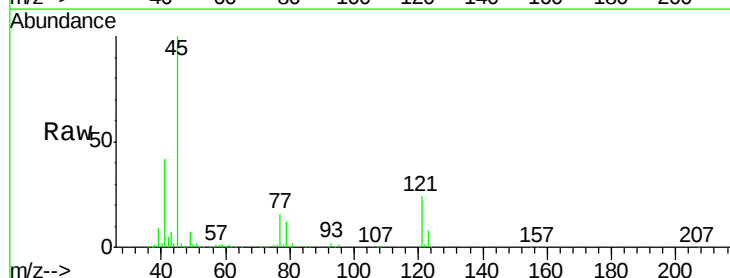
RT: 7.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	32.9
79	12.3	0.0	29.6





#17

2-Methylphenol

Concen: 43.902 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Instrument :

BNA_F

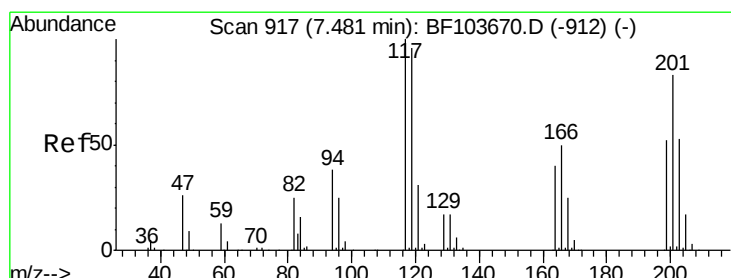
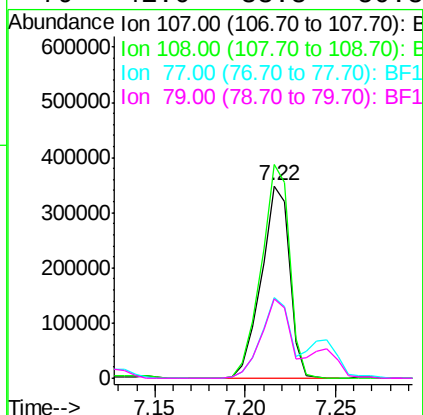
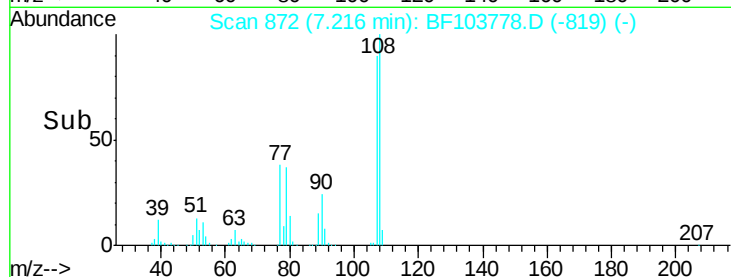
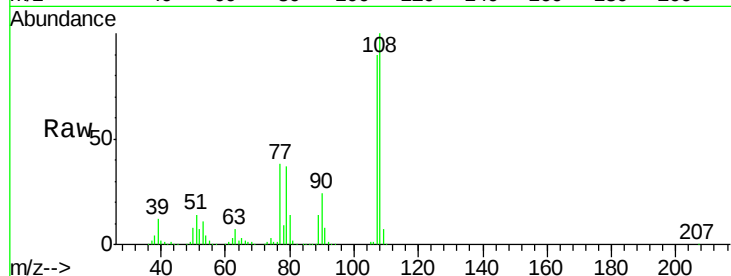
ClientSampleId :

ES-6-SA-1-WW@2MS

Tot Ion	Ion	Resp	Lower	Upper
107	100			
108	111.2	91.7	137.5	
77	41.7	33.8	50.8	
79	41.0	33.8	50.8	

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#18

Hexachloroethane

Concen: 37.142 ng

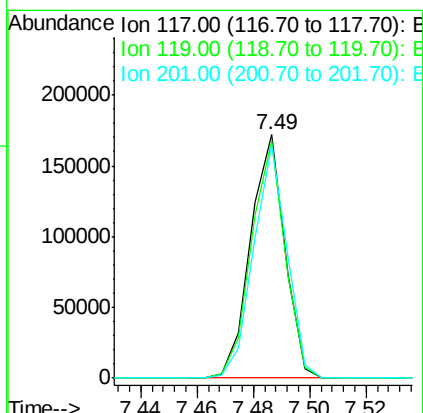
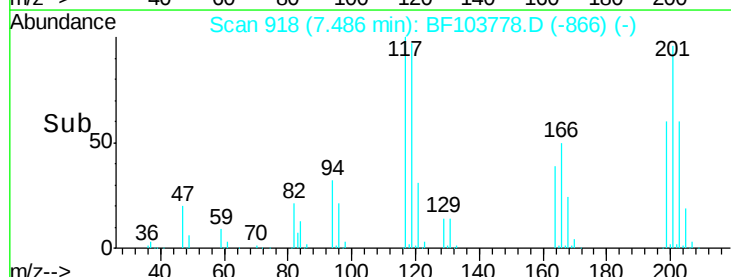
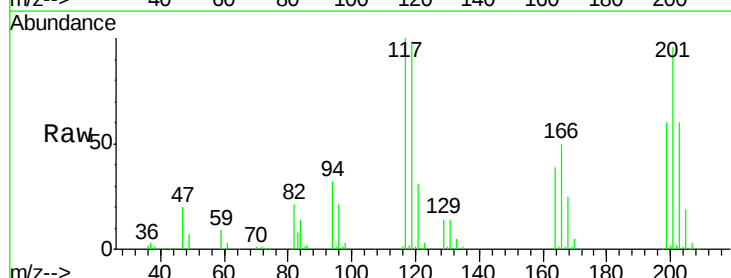
RT: 7.49 min Scan# 918

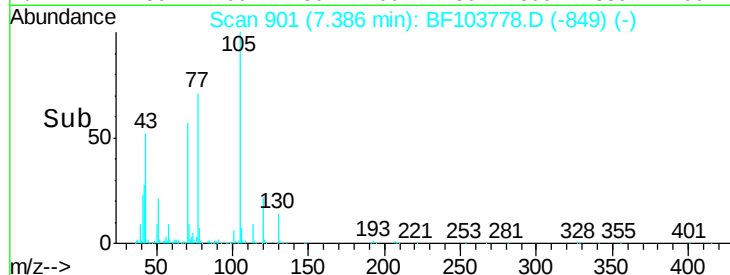
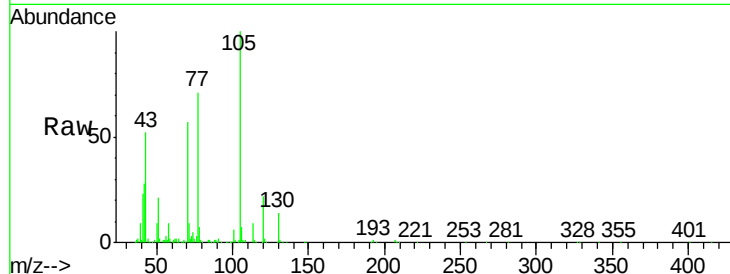
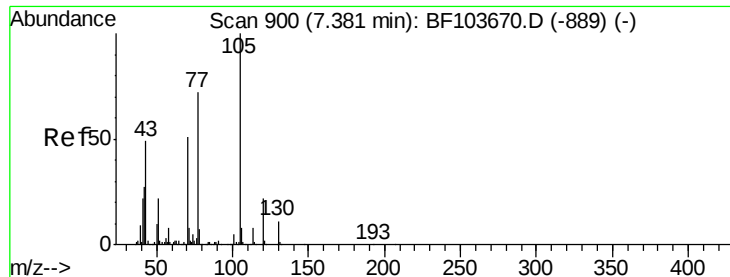
Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Tgt Ion	Ion	Resp	Lower	Upper
117	100			
119	97.2	75.8	113.8	
201	95.8	75.7	113.5	





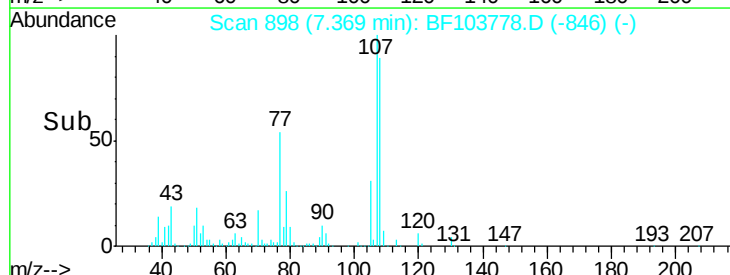
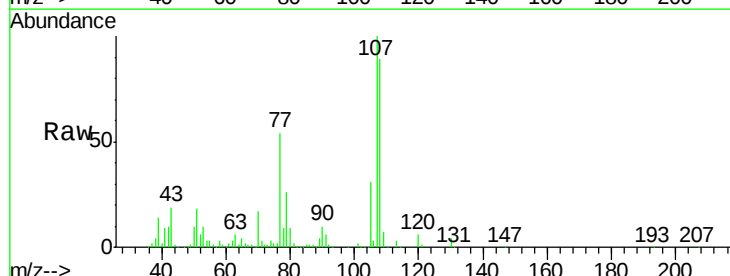
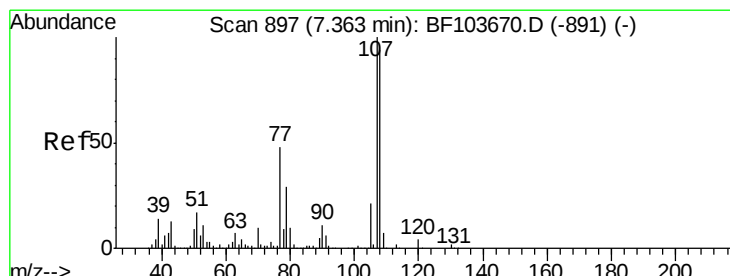
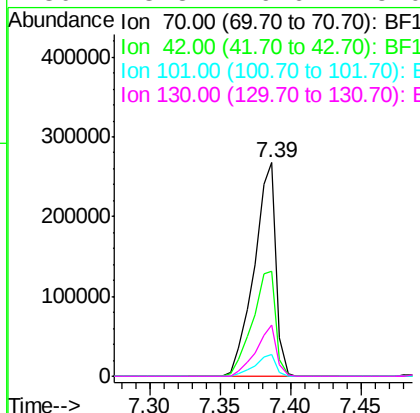
#19
n-Nitroso-di-n-propylamine
Concen: 40.247 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-1-WW@2MS

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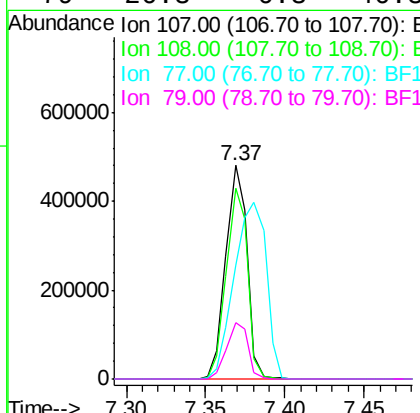
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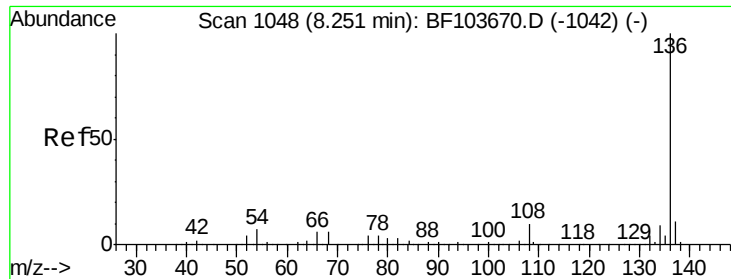
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	49.3	47.5	71.3	
101	10.2	7.4	11.2	
130	23.8	16.6	25.0	



#20
3+4-Methylphenols
Concen: 41.187 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.2	68.2	108.2	
77	53.6	26.7	66.7	
79	26.3	6.3	46.3	





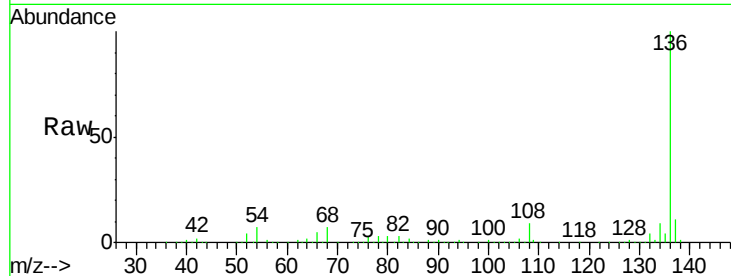
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-1-WW@2MS

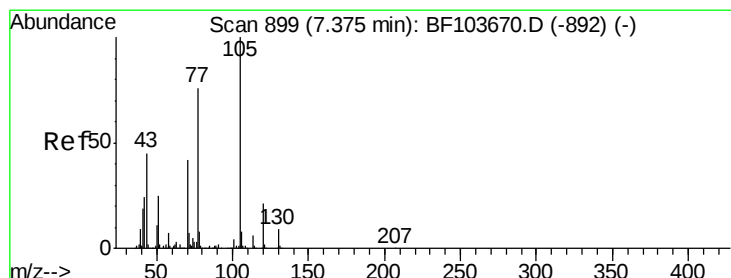
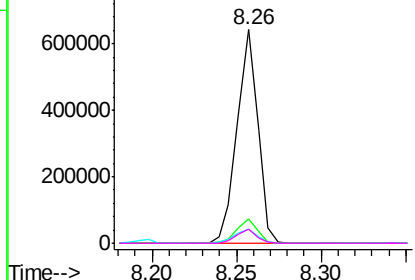
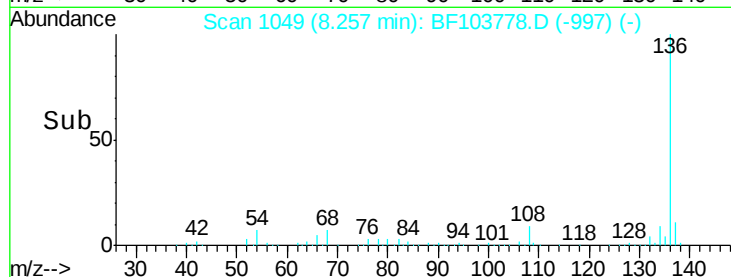
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.9	6.6	9.8
68	6.6	5.0	7.4

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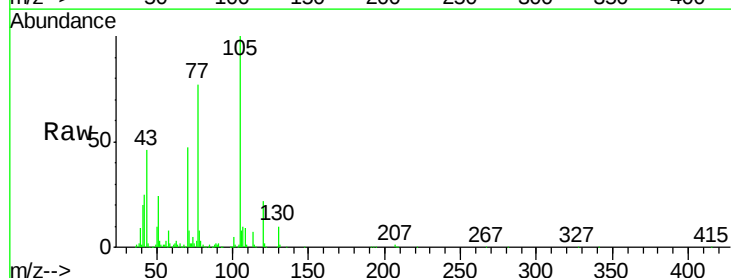


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

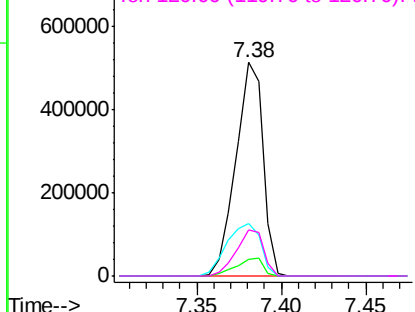
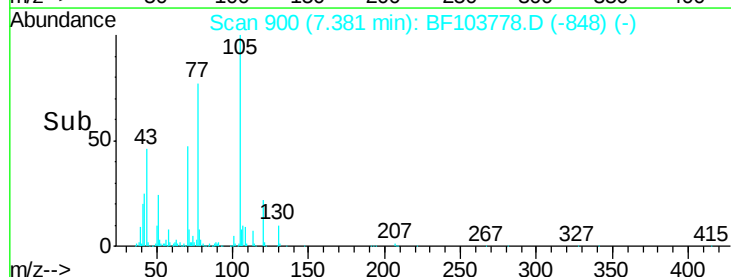


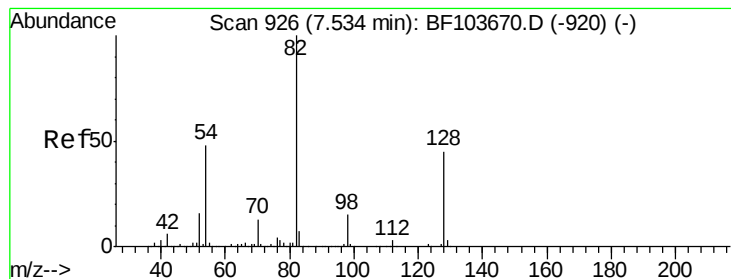
#22
Acetophenone
Concen: 40.714 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.8	4.4	6.6#
51	24.5	22.3	33.5
120	21.8	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
800000
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: 112.257 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Instrument :

BNA_F

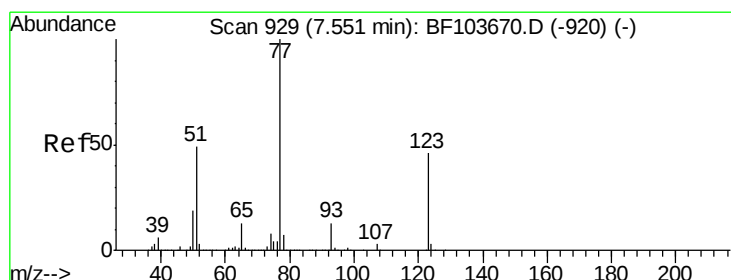
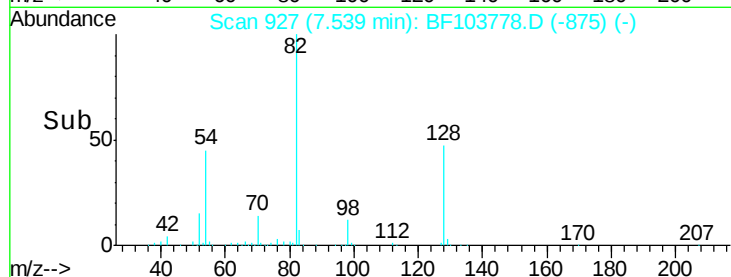
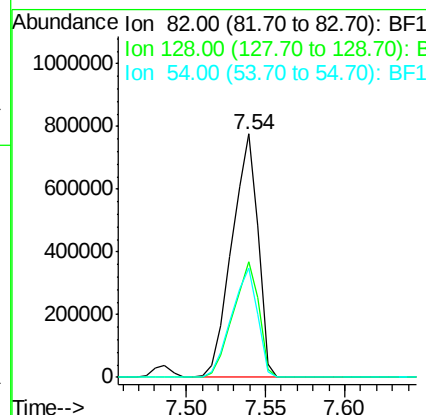
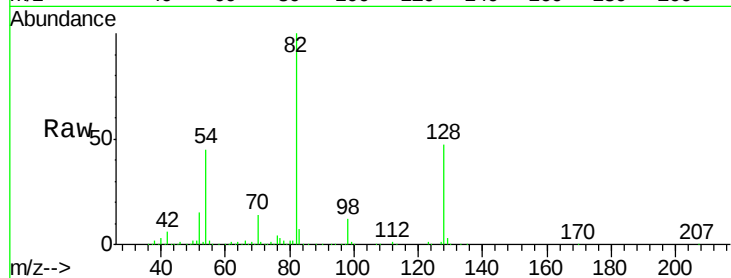
ClientSampleId :

ES-6-SA-1-WW@2MS

Tot Ion:	82	Resp:	885635
Ion Ratio	Lower	Upper	
82	100		
128	47.3	36.1	54.1
54	44.8	41.4	62.2

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#24

Nitrobenzene

Concen: 49.055 ng

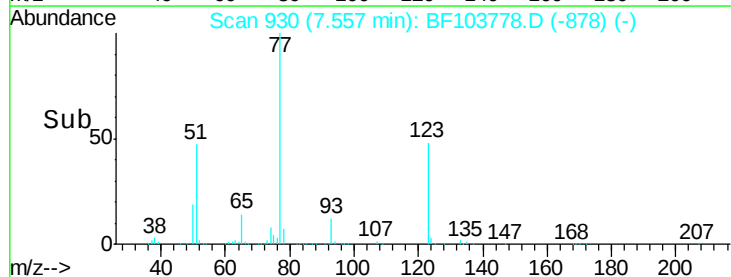
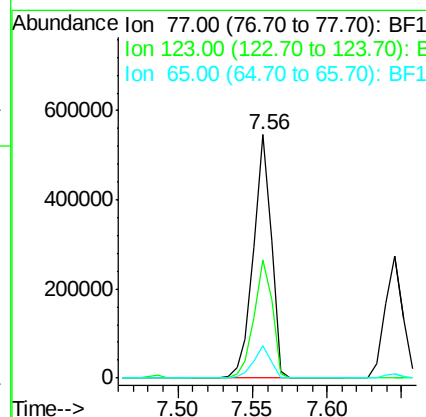
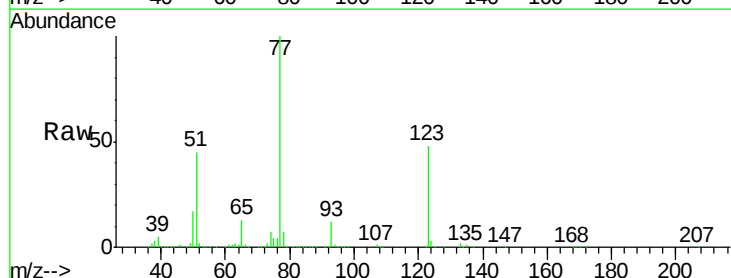
RT: 7.56 min Scan# 930

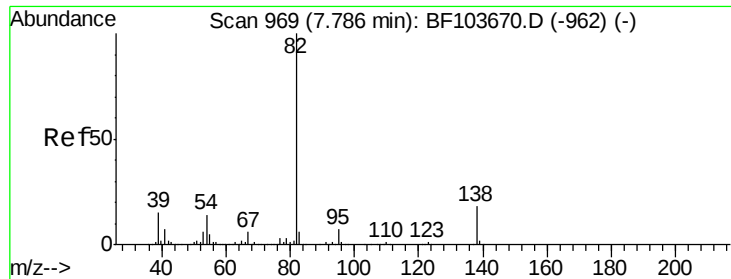
Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Tgt Ion:	77	Resp:	454355
Ion Ratio	Lower	Upper	
77	100		
123	48.5	37.9	56.9
65	13.3	11.0	16.4





#25

Isophorone

Concen: 45.907 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Instrument :

BNA_F

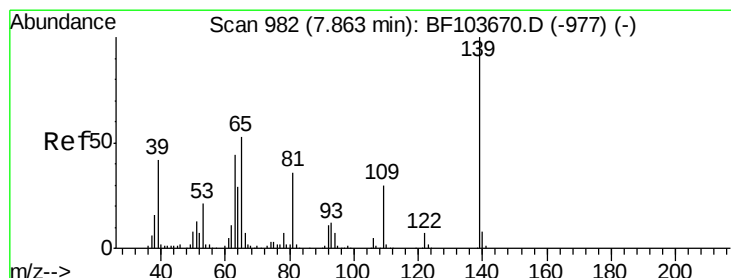
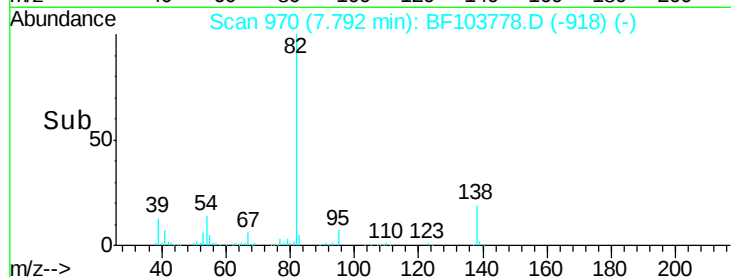
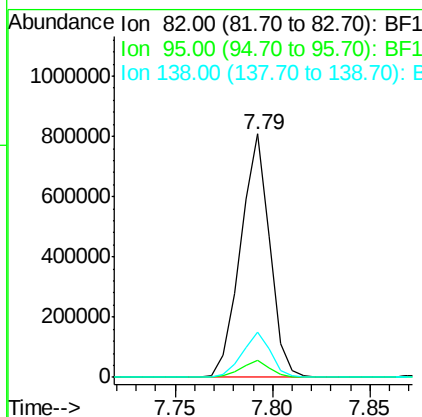
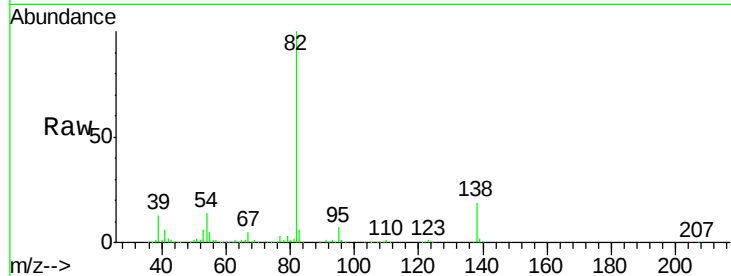
ClientSampleId :

ES-6-SA-1-WW@2MS

Tot Ion:	82	Resp:	838415
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.2	7.8
138	18.6	14.9	22.3

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#26

2-Nitrophenol

Concen: 58.416 ng

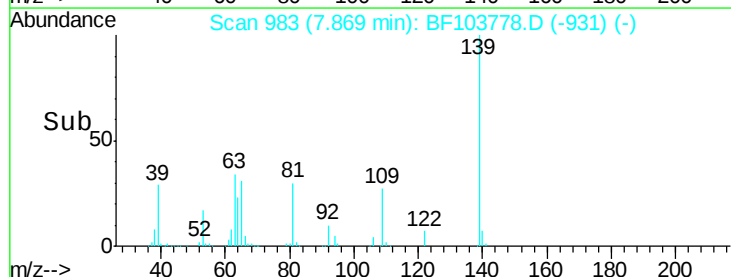
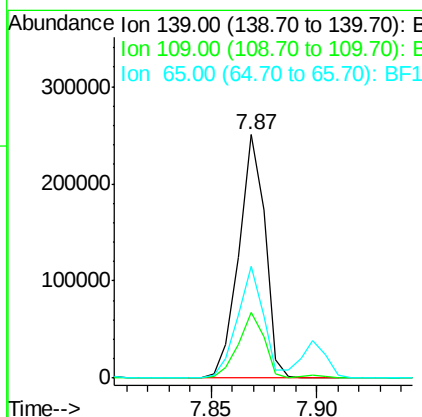
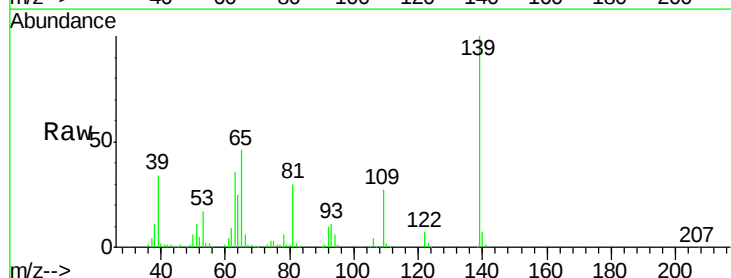
RT: 7.87 min Scan# 983

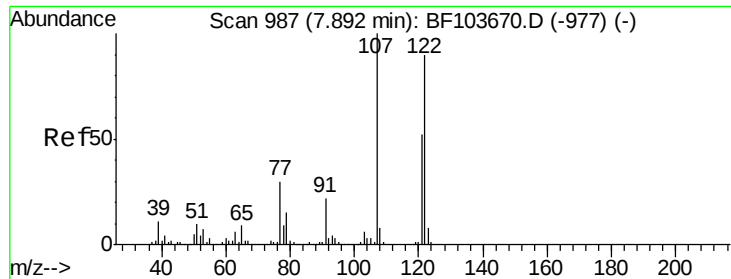
Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Tgt Ion:	139	Resp:	214846
Ion Ratio		Lower	Upper
139	100		
109	27.1	22.7	34.1
65	45.7	40.5	60.7





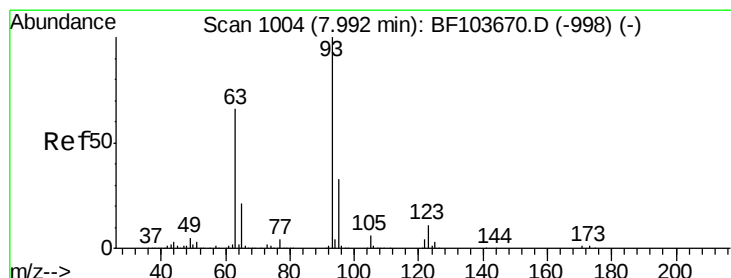
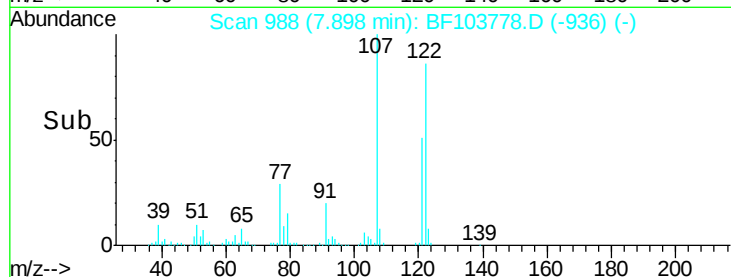
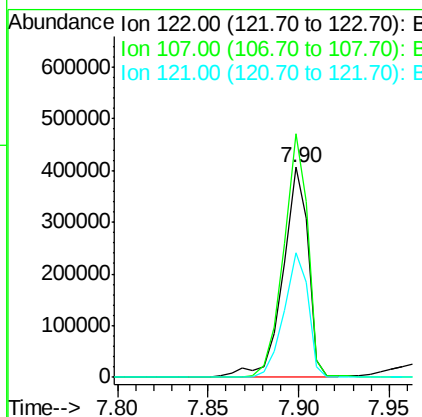
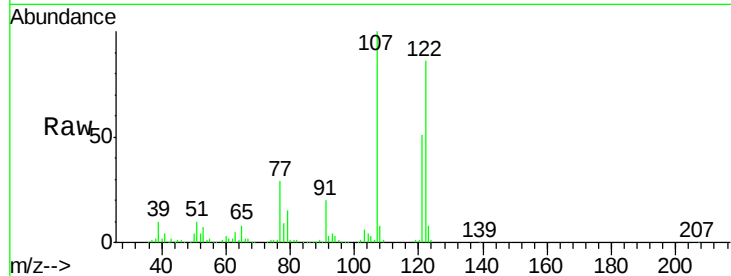
#27
2,4-Dimethylphenol
Concen: 50.744 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-1-WW@2MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	397016		
107	115.9	91.2	136.8	
121	59.4	47.2	70.8	

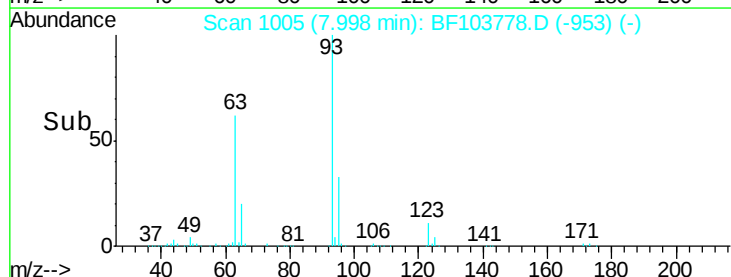
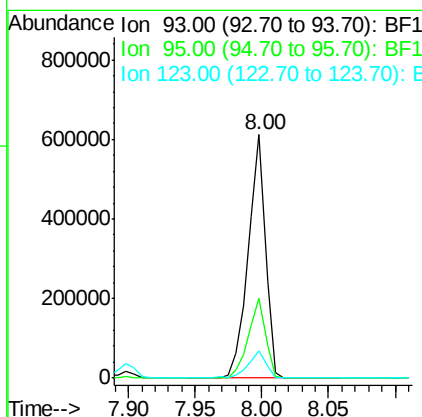
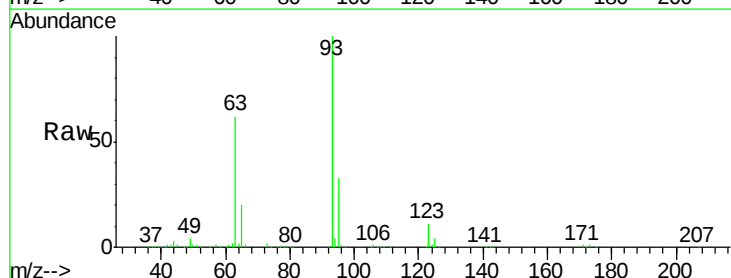
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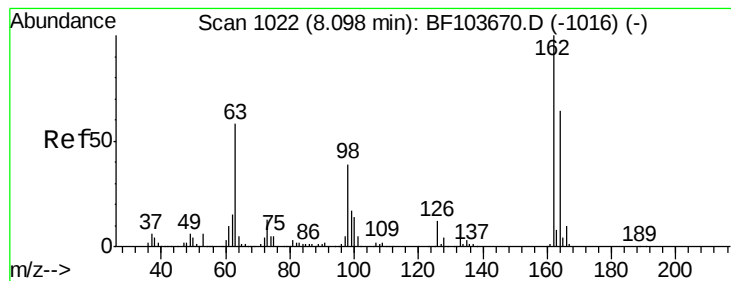
Sohil
3/20/2018 6:27:41 PM



#28
bis(2-Chloroethoxy)methane
Concen: 48.889 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	540667		
95	32.9	26.3	39.5	
123	11.3	9.8	14.6	





#29

2,4-Dichlorophenol

Concen: 50.245 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Instrument :

BNA_F

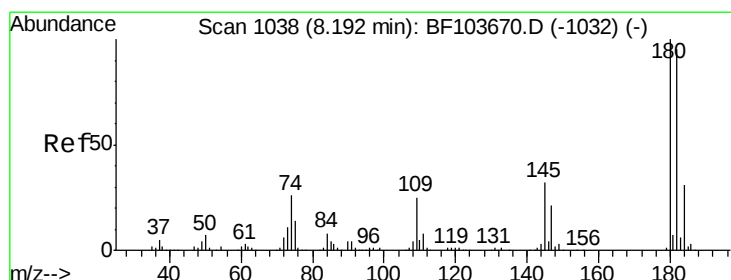
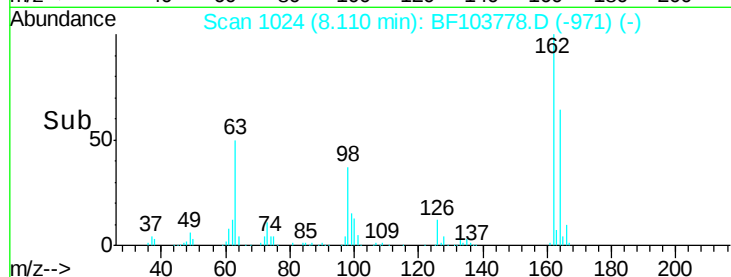
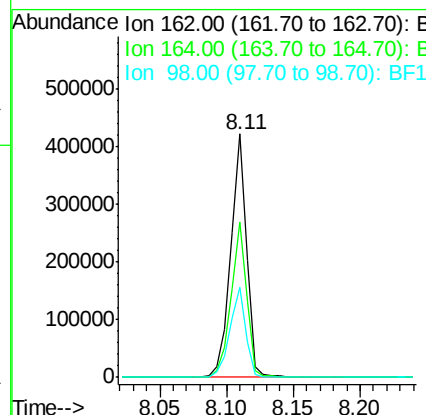
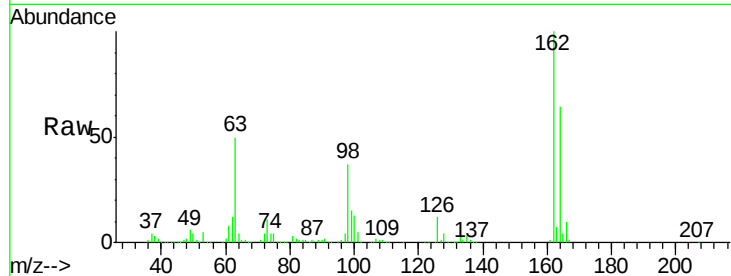
ClientSampleId :

ES-6-SA-1-WW@2MS

Tot Ion:	162	Resp:	357649
Ion Ratio	Lower	Upper	
162	100		
164	64.0	42.7	82.7
98	37.1	18.1	58.1

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 44.164 ng

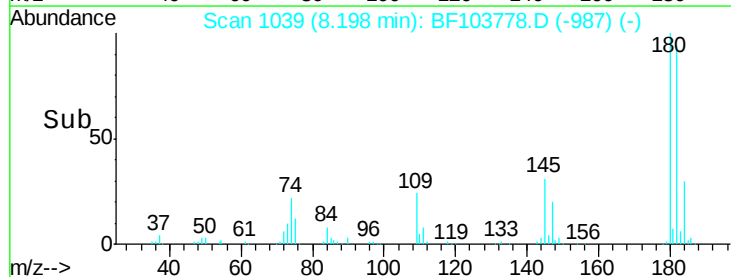
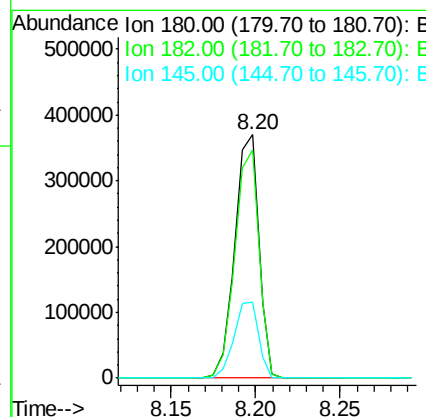
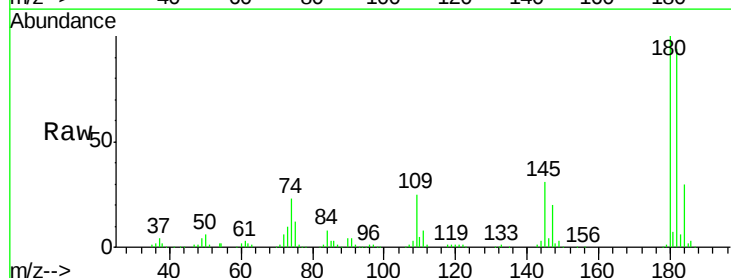
RT: 8.20 min Scan# 1039

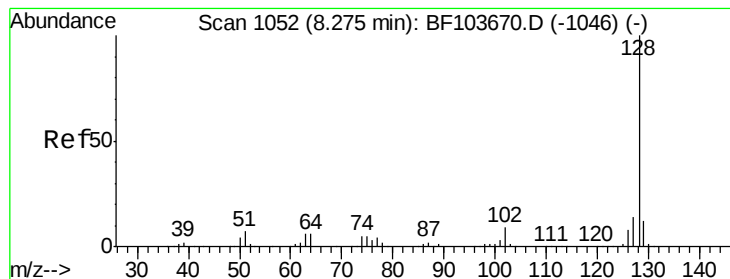
Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Tgt Ion:	180	Resp:	364615
Ion Ratio	Lower	Upper	
180	100		
182	94.0	76.8	115.2
145	31.2	26.5	39.7





#31

Naphthalene

Concen: 43.308 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Instrument :

BNA_F

ClientSampleId :

ES-6-SA-1-WW@2MS

Tot Ion:128 Resp: 1203611

Ion Ratio Lower Upper

128 100

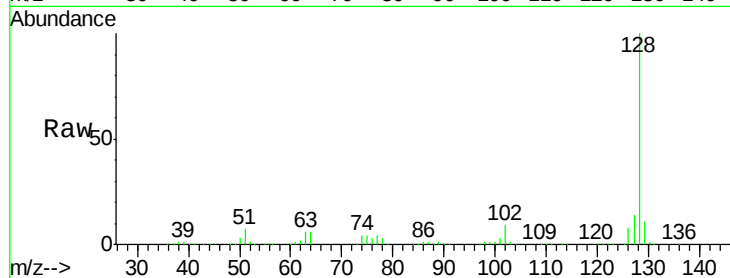
129 11.2 8.8 13.2

127 13.5 10.9 16.3

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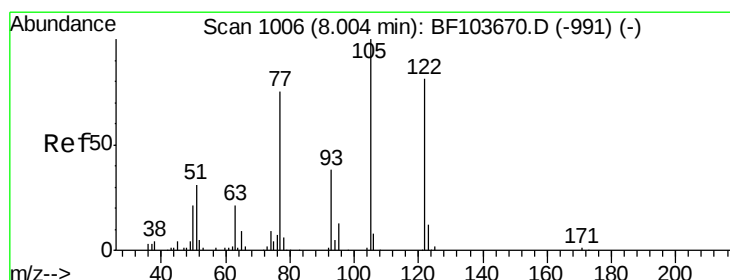
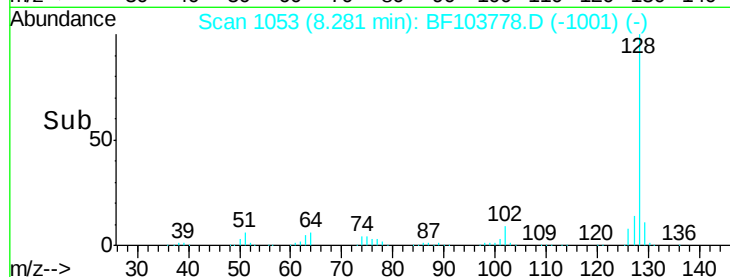
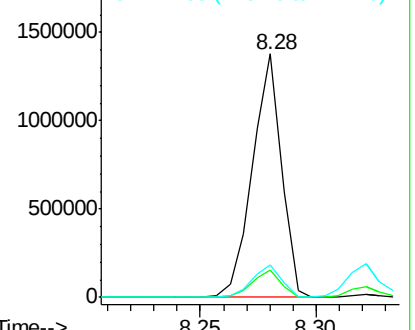
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 16.313 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.04 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

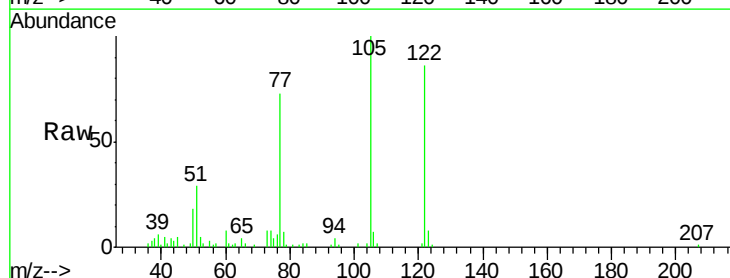
Tgt Ion:122 Resp: 44571

Ion Ratio Lower Upper

122 100

105 115.7 101.1 141.1

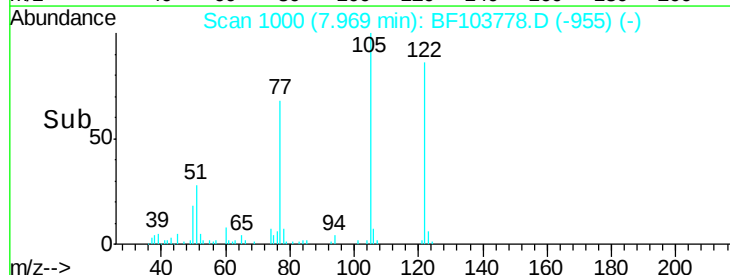
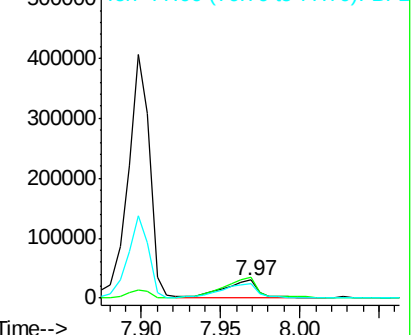
77 84.2 70.7 110.7

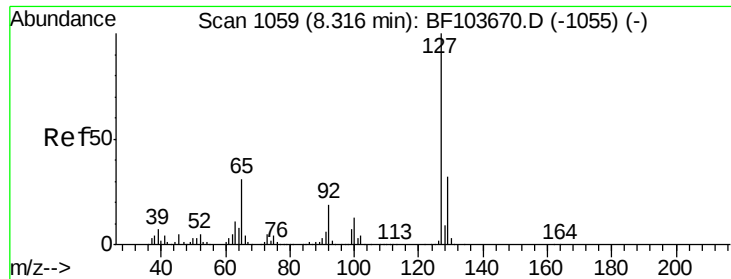


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





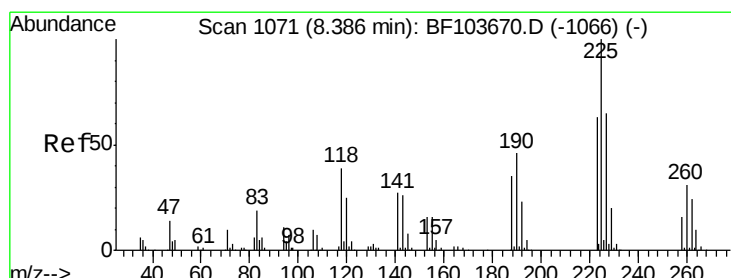
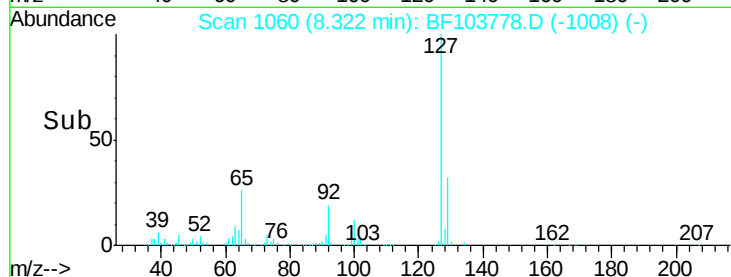
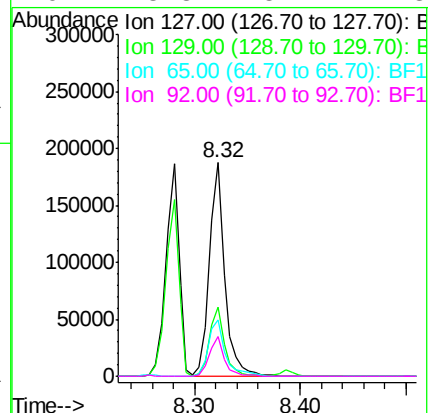
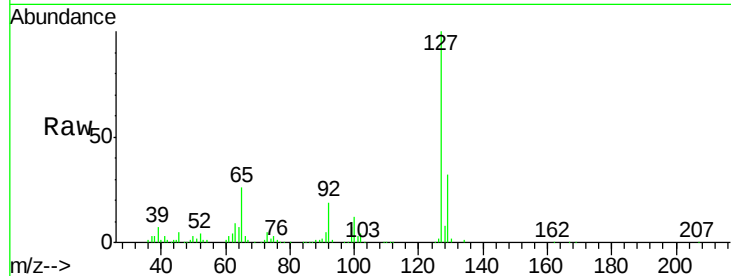
#33
4-Chloroaniline
Concen: 16.306 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-1-WW@2MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	25.9	38.9	
65	26.2	25.0	37.4	
92	18.8	15.2	22.8	

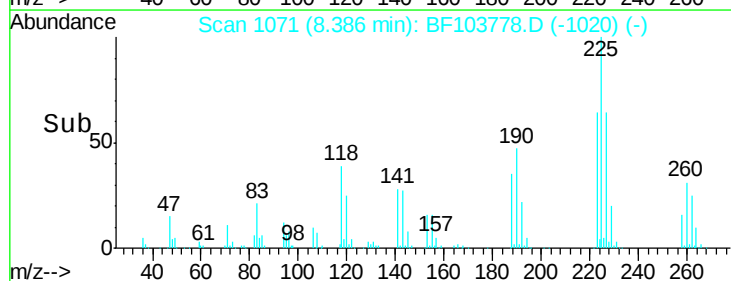
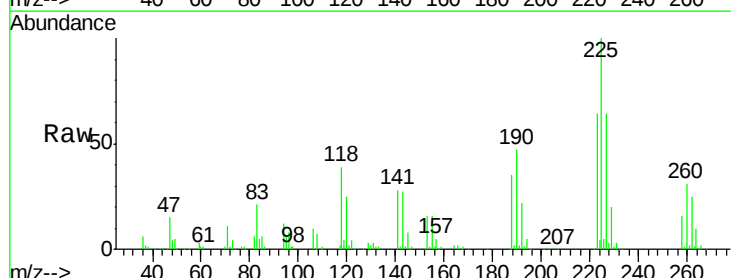
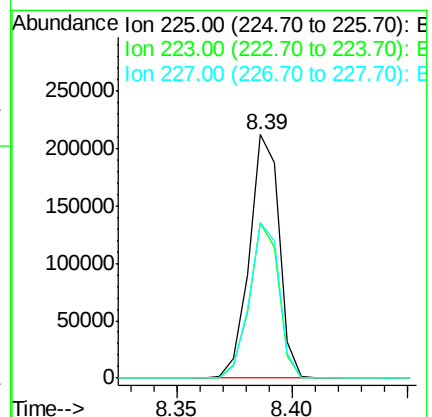
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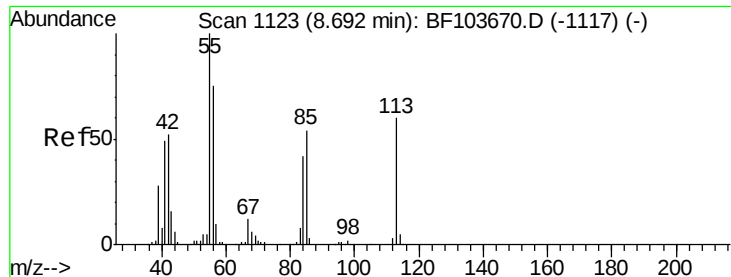
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#34
Hexachlorobutadiene
Concen: 42.124 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.0	50.6	76.0	
227	63.5	51.9	77.9	





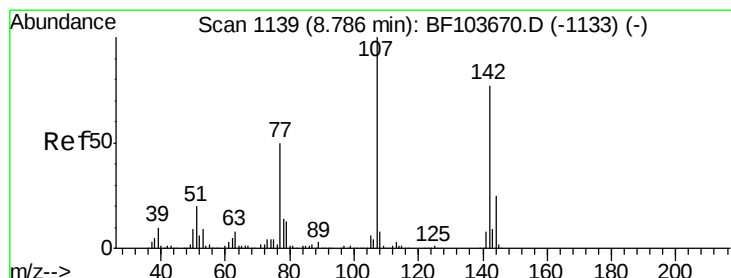
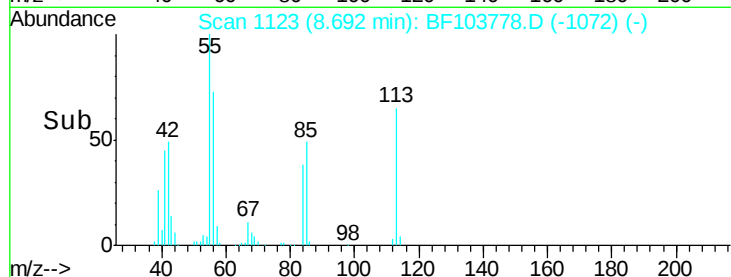
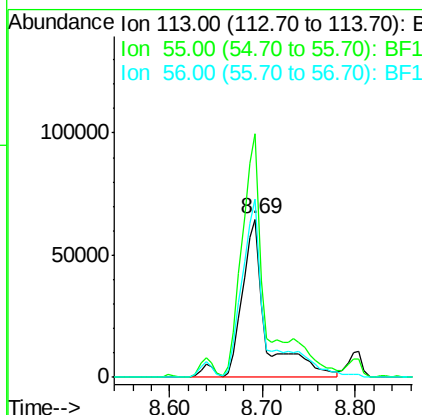
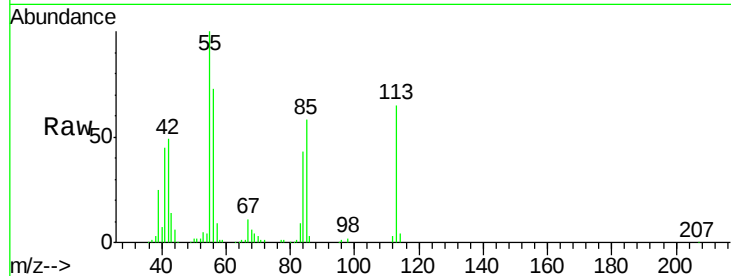
#35
 Caprolactam
 Concen: 48.693 ng/ml
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Instrument :
 BNA_F
 ClientSampleId :
 ES-6-SA-1-WW@2MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	153.9	163.3	203.3#
56	112.7	115.7	155.7#

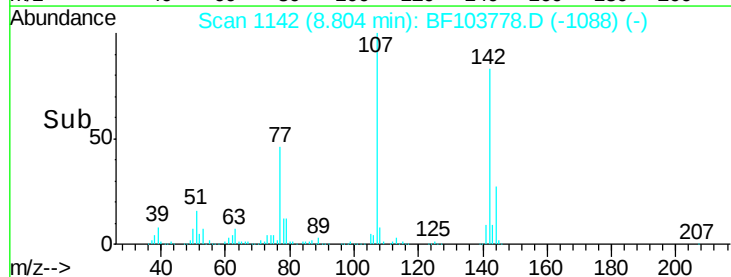
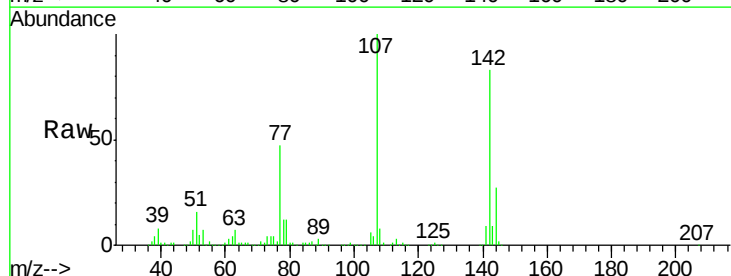
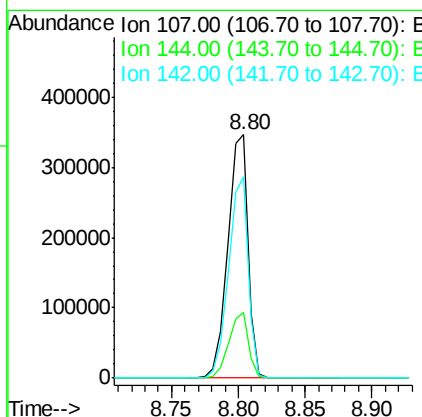
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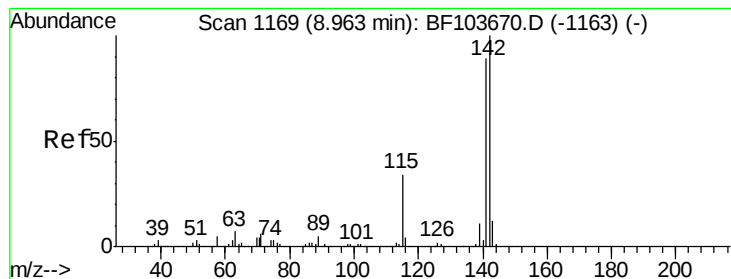
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 47.617 ng/ml
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.02 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.0	20.5	30.7
142	82.9	62.0	93.0





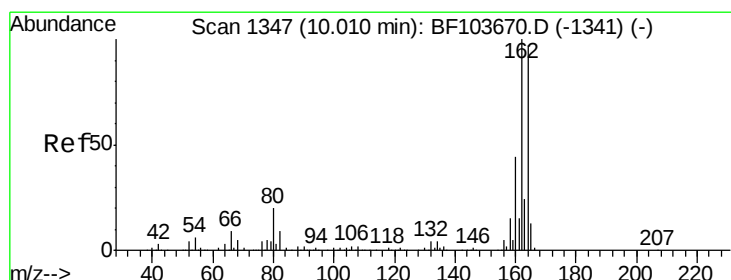
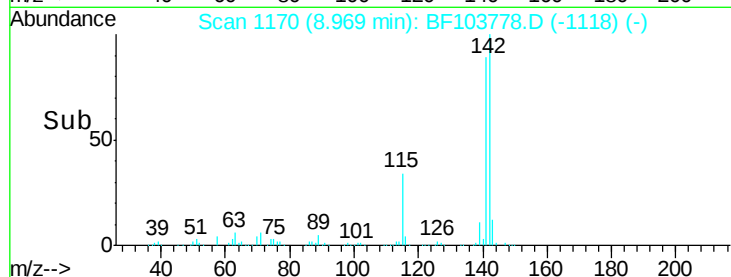
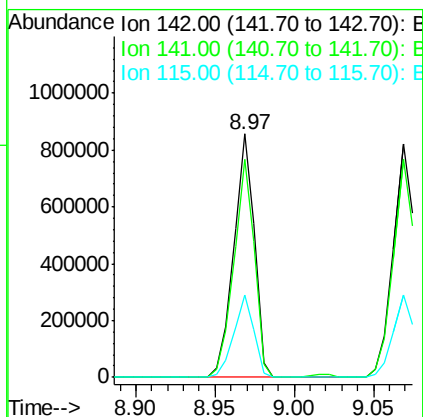
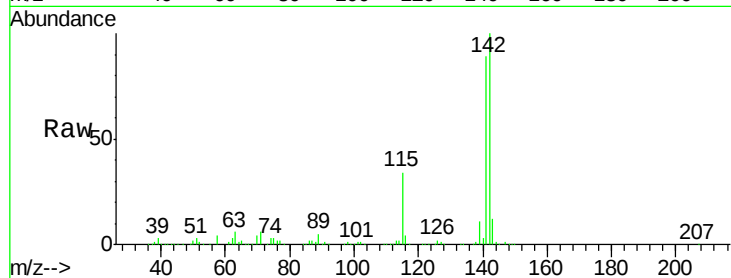
#37
2-Methylnaphthalene
Concen: 43.947 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-1-WW@2MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	33.7	26.1	39.1

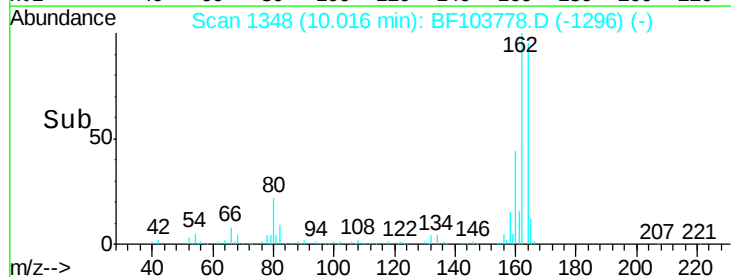
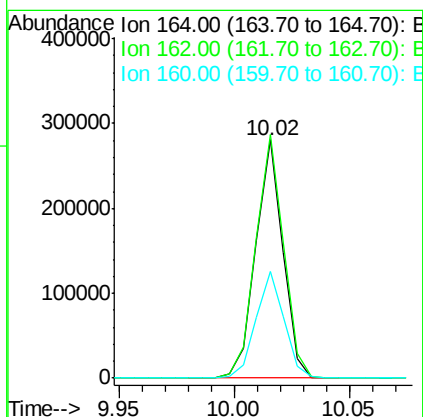
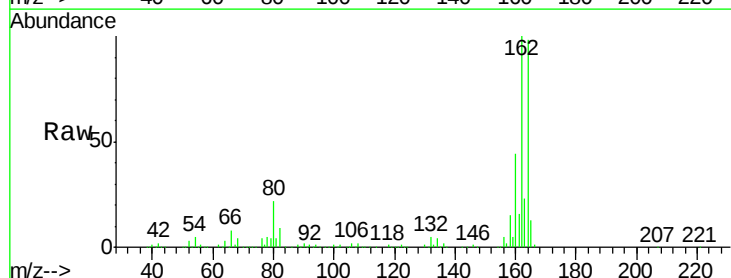
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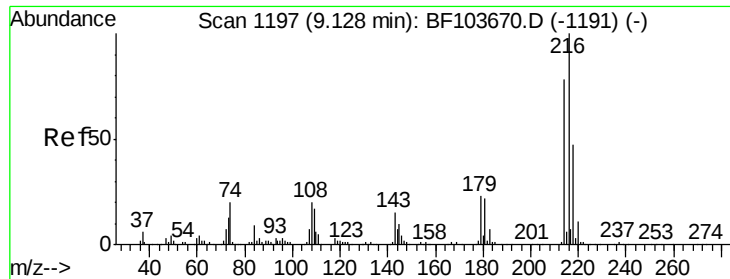
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	44.9	38.3	57.5





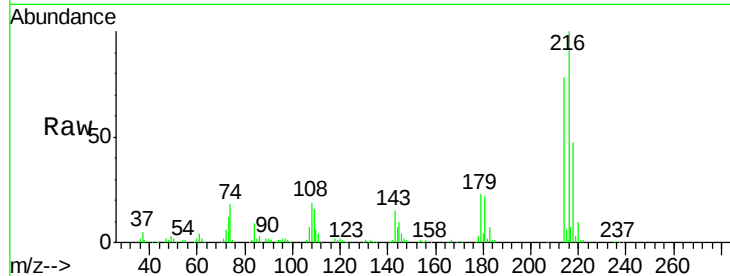
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.714 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Instrument :
 BNA_F
 ClientSampleId :
 ES-6-SA-1-WW@2MS

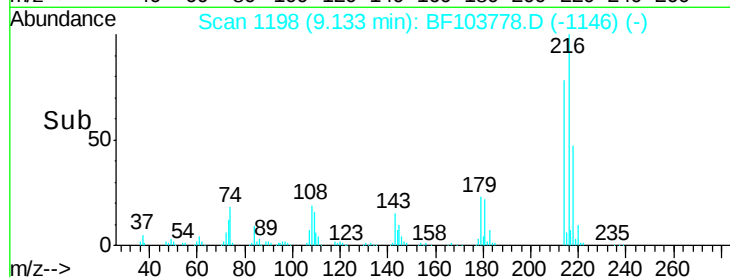
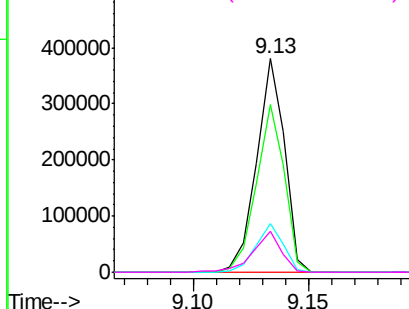
Tot Ion:	216	Resp:	321707
Ion Ratio	Lower	Upper	
216	100		
214	78.6	63.0	94.4
179	22.5	18.1	27.1
108	19.6	17.2	25.8

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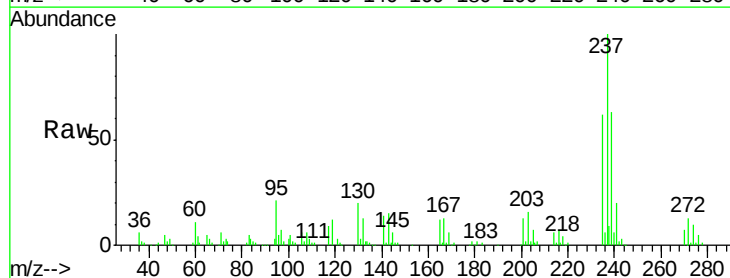
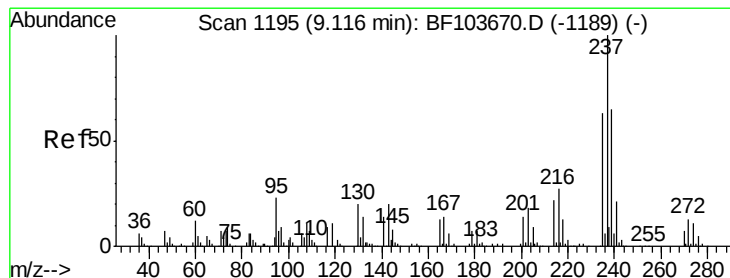
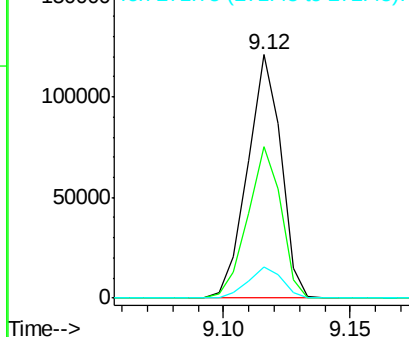
Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

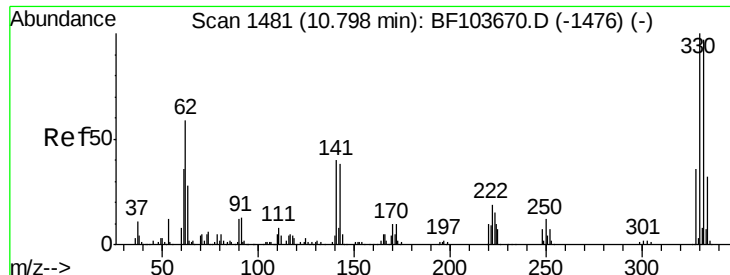


#40
 Hexachlorocyclopentadiene
 Concen: 32.607 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Tgt Ion:	237	Resp:	111114
Ion Ratio	Lower	Upper	
237	100		
235	62.4	44.8	84.8
272	12.7	0.0	33.3

Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





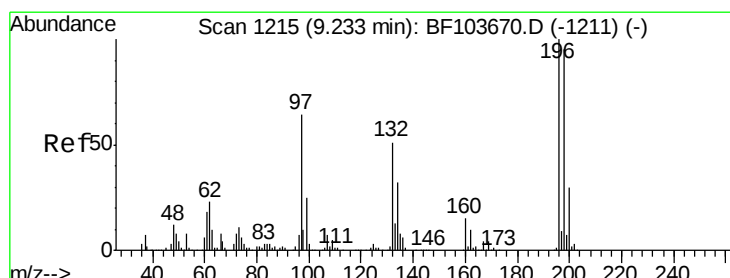
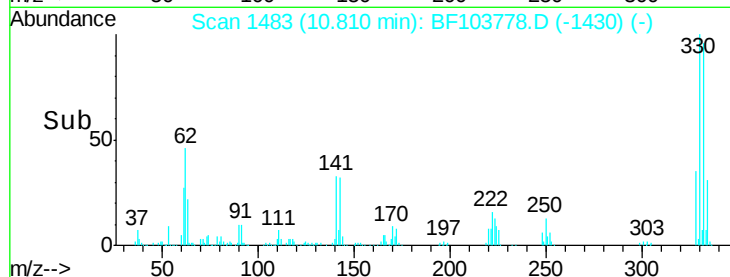
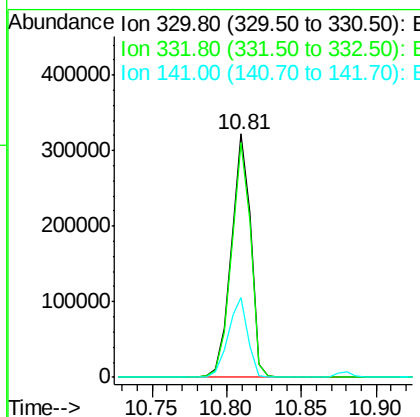
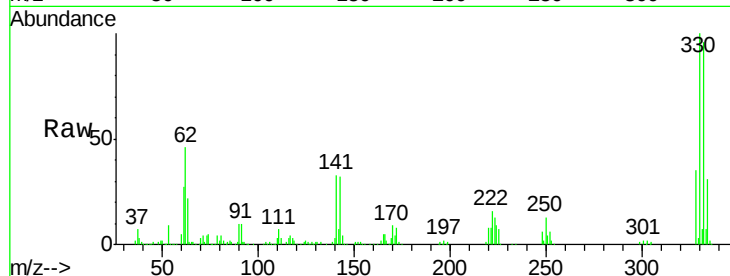
#41
 2,4,6-Tribromophenol
 Concen: 148.880 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Instrument :
 BNA_F
 ClientSampleId :
 ES-6-SA-1-WW@2MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	296321		
332	95.4	77.0	115.6	
141	32.9	29.9	44.9	

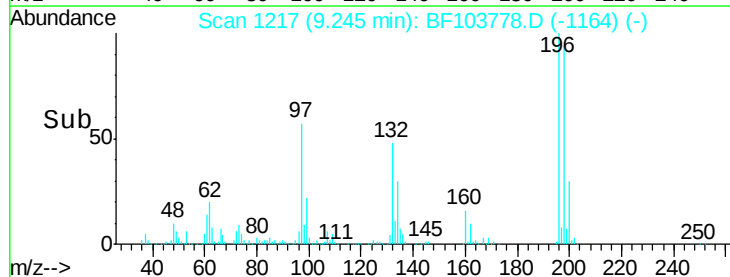
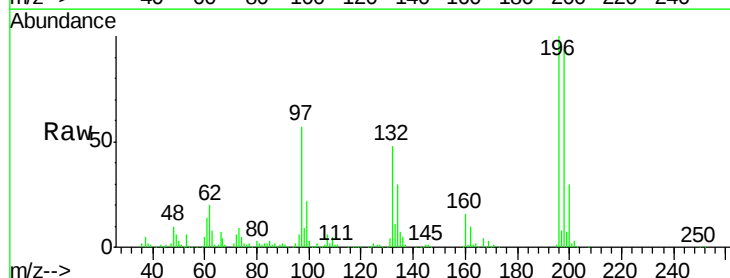
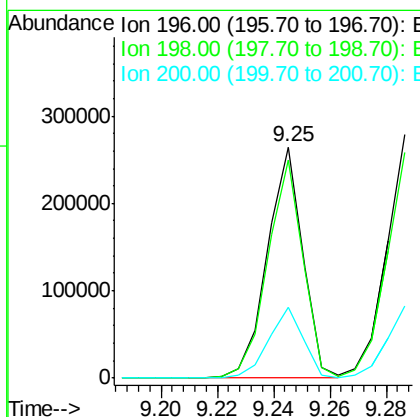
Manual Integrations
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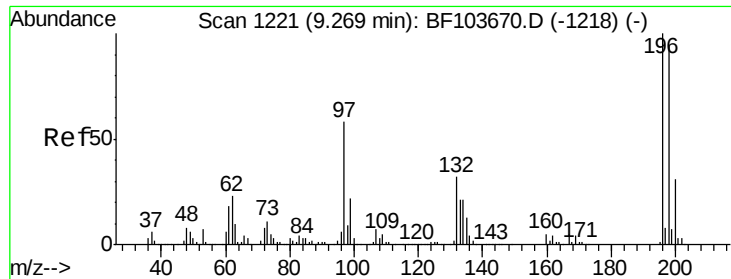
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#42
 2,4,6-Trichlorophenol
 Concen: 54.486 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	230157		
198	94.5	75.7	113.5	
200	30.4	24.5	36.7	





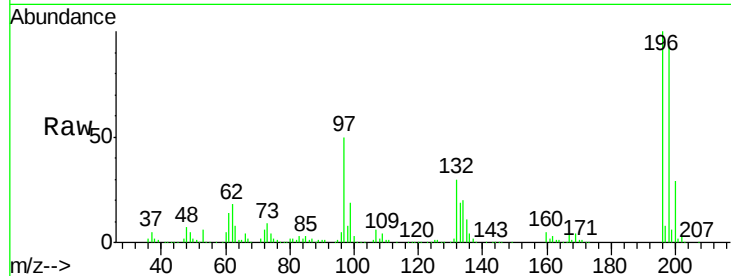
#43
 2,4,5-Trichlorophenol
 Concen: 51.395 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.02 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Instrument :
 BNA_F
 ClientSampleId :
 ES-6-SA-1-WW@2MS

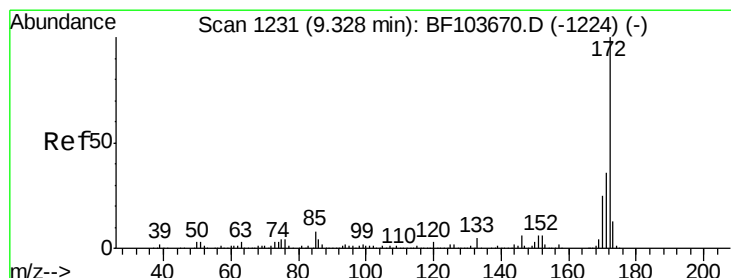
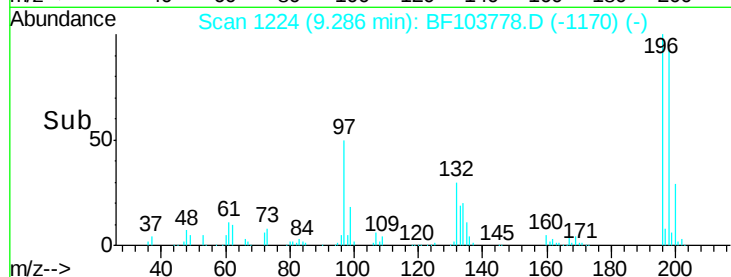
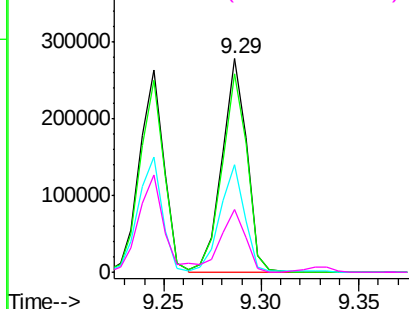
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		245037		
198	92.7	74.6	112.0		
97	50.1	42.9	64.3		
132	29.6	26.3	39.5		

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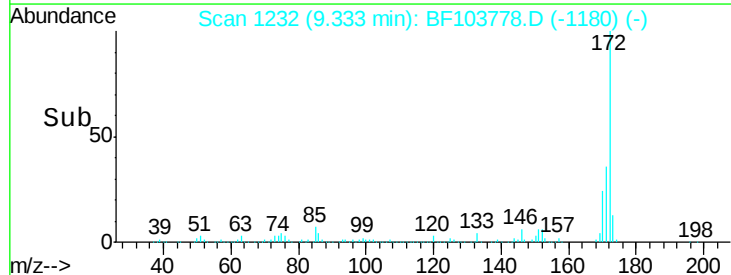
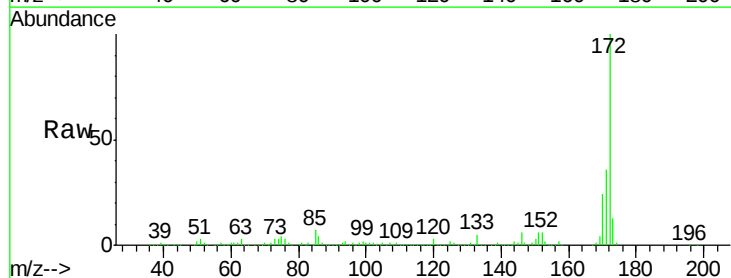
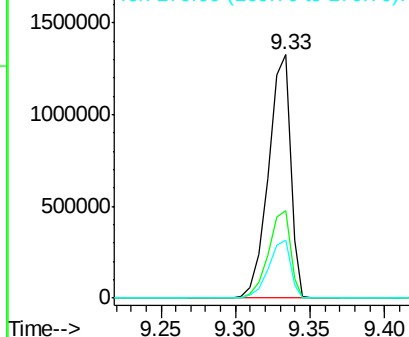
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

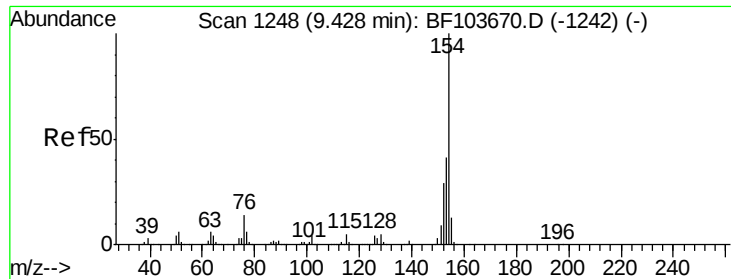


#44
 2-Fluorobiphenyl
 Concen: 92.931 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1348605		
171	36.1	29.7	44.5		
170	24.1	19.6	29.4		

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





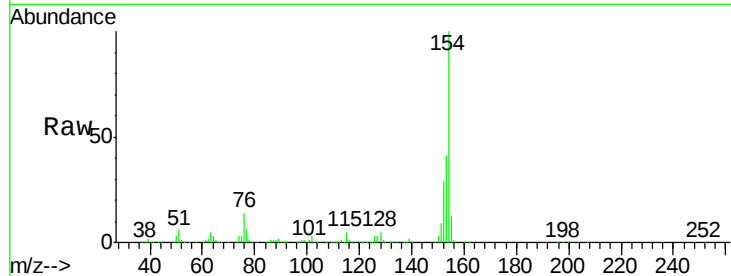
#45
1,1'-Biphenyl
Concen: 45.227 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-1-WW@2MS

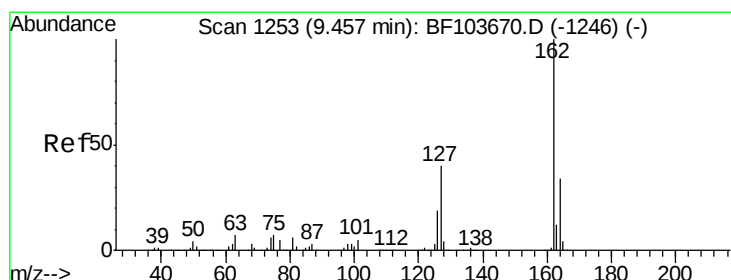
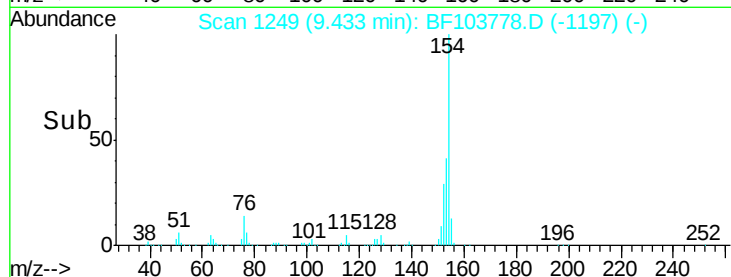
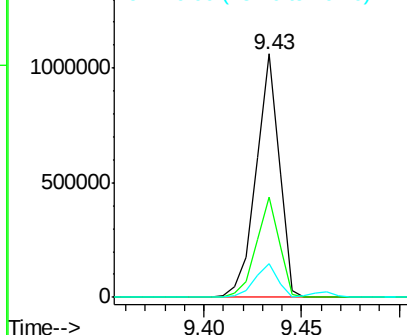
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.4	21.3	61.3	
76	13.8	0.0	34.0	

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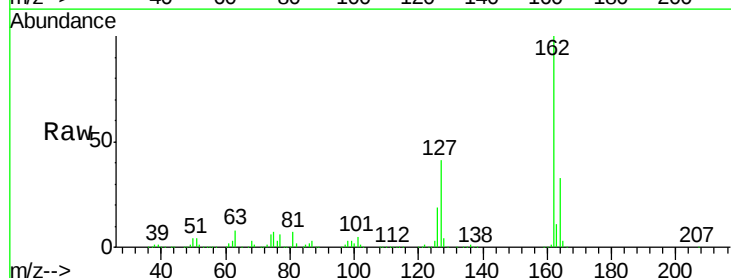


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

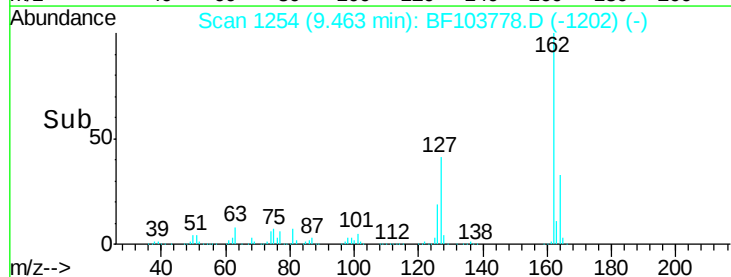
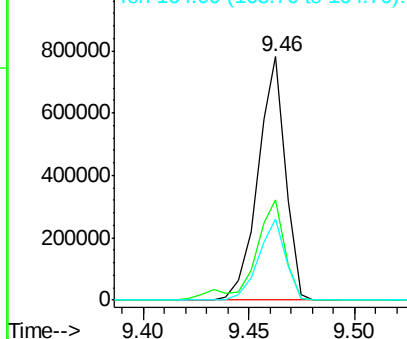


#46
2-Chloronaphthalene
Concen: 45.889 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.4	33.9	50.9	
164	33.2	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





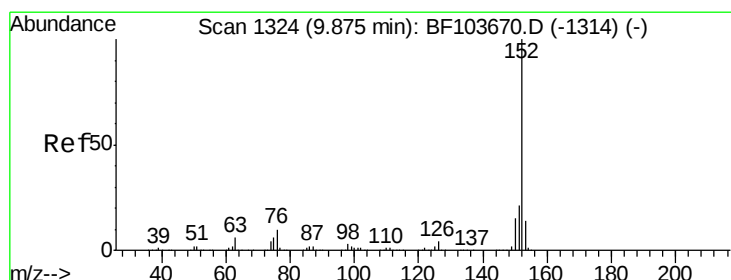
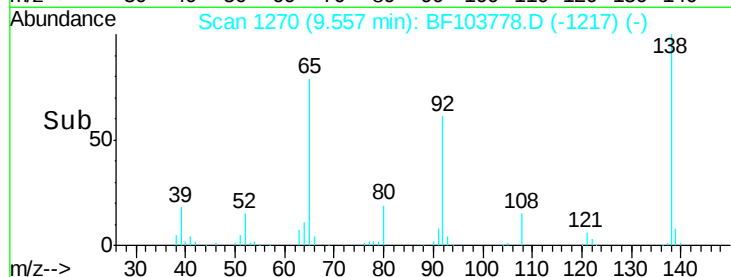
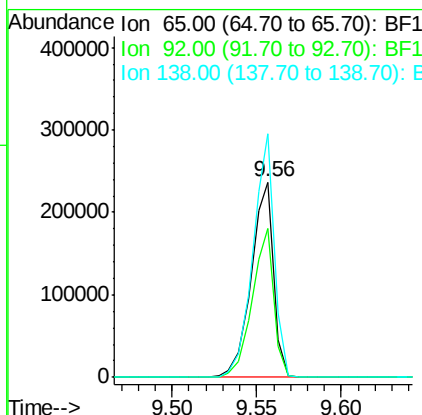
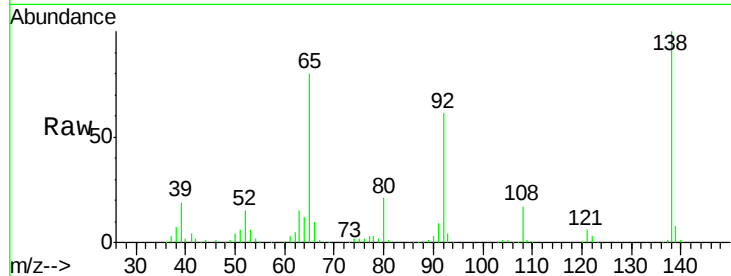
#47
2-Nitroaniline
Concen: 53.837 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-1-WW@2MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.3	55.8	83.6
138	124.6	91.2	136.8

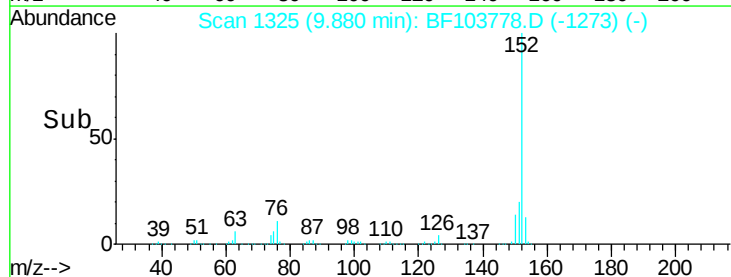
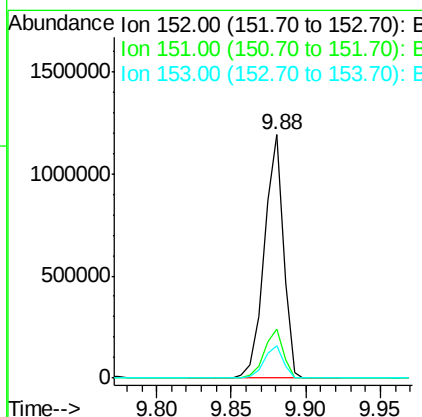
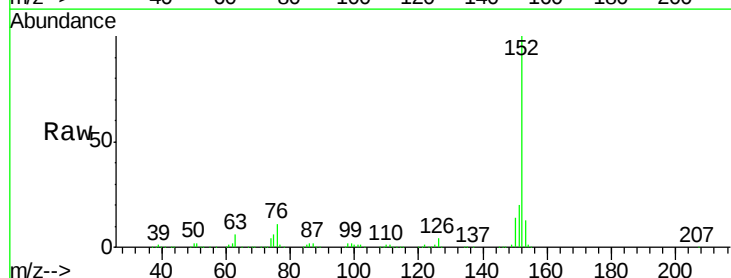
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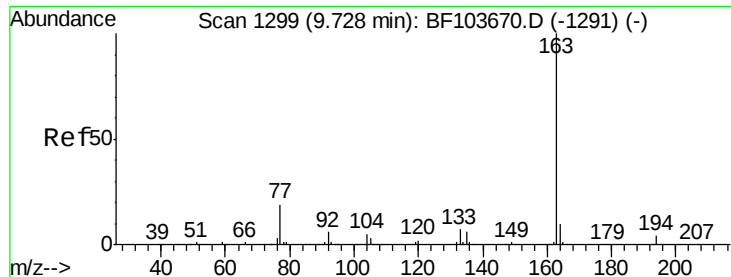
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#48
Acenaphthylene
Concen: 43.539 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.5	10.7	16.1





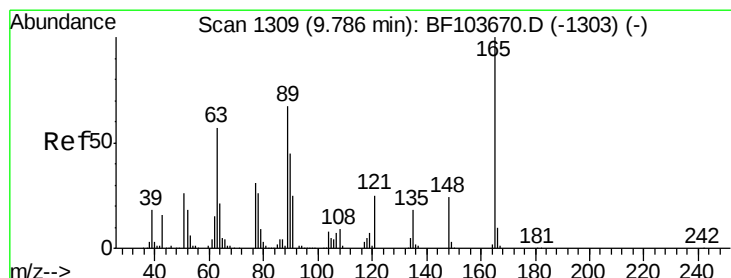
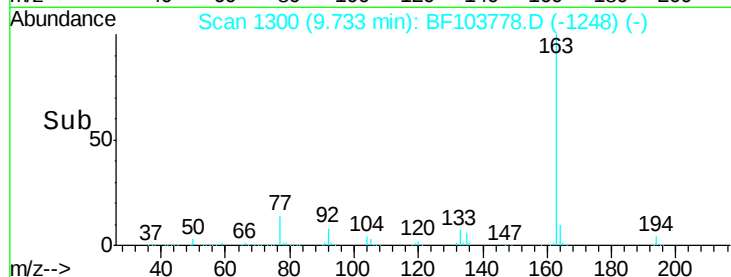
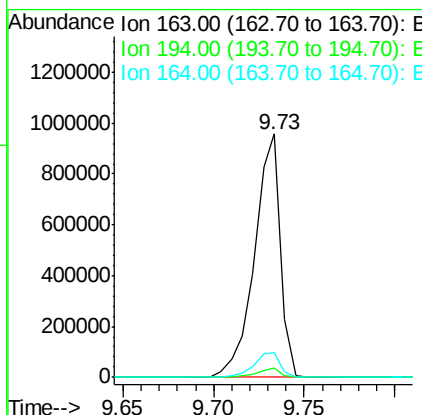
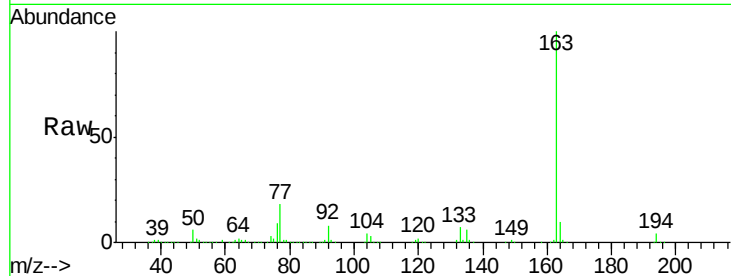
#49
Dimethylphthalate
Concen: 53.670 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-1-WW@2MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	947875		
194	3.7		2.7	4.1
164	10.3		8.2	12.2

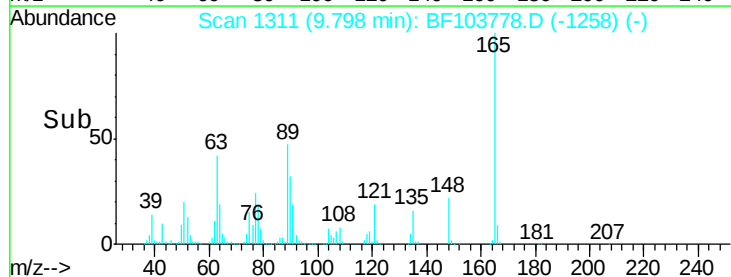
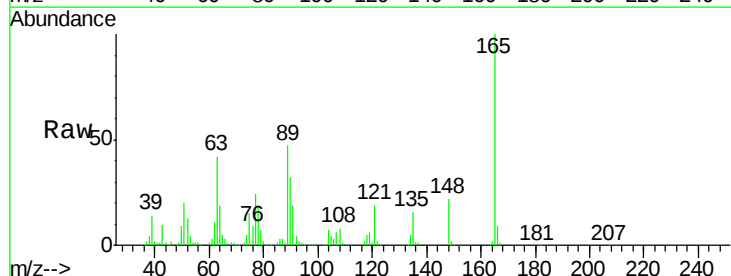
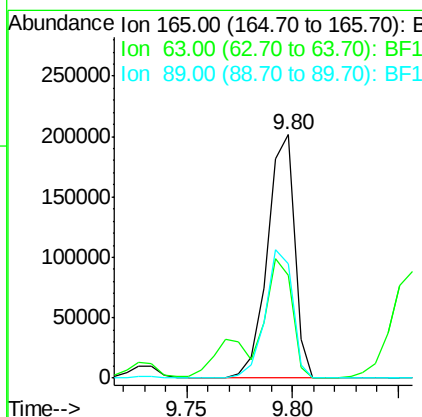
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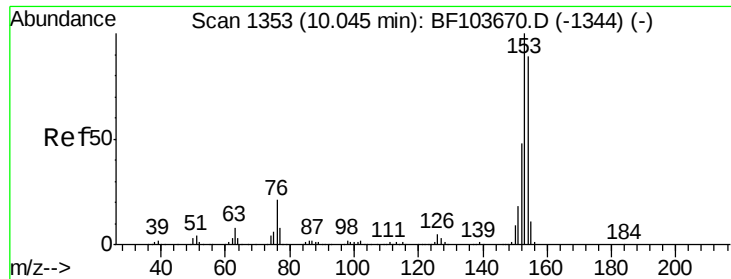
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#50
2,6-Dinitrotoluene
Concen: 52.468 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	180639		
63	42.4		44.7	67.1#
89	46.8		44.0	66.0





#51

Acenaphthene

Concen: 44.009 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Instrument :

BNA_F

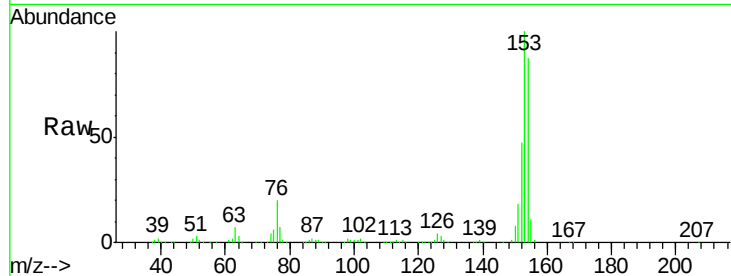
ClientSampleId :

ES-6-SA-1-WW@2MS

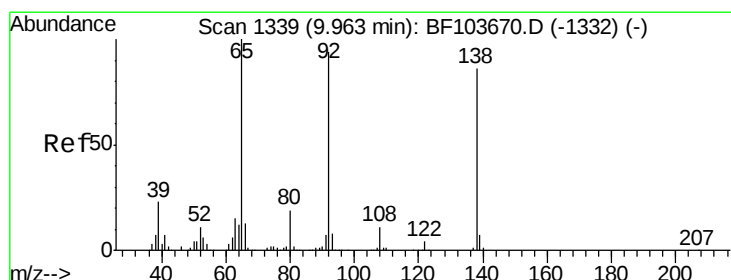
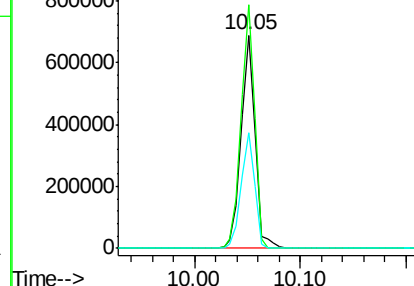
Tot Ion:	154	Resp:	621243
Ion Ratio	Lower	Upper	
154	100		
153	114.3	91.2	136.8
152	54.0	43.8	65.8

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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: 38.096 ng

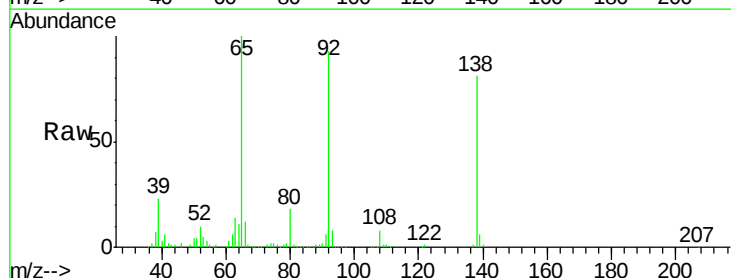
RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

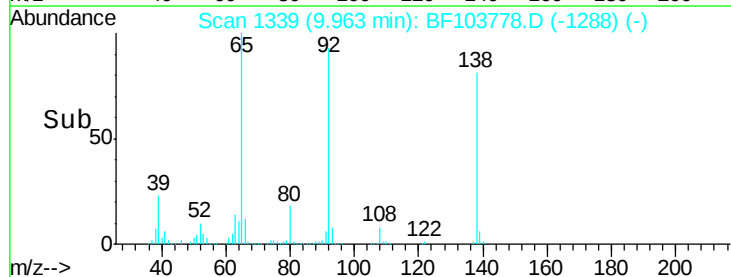
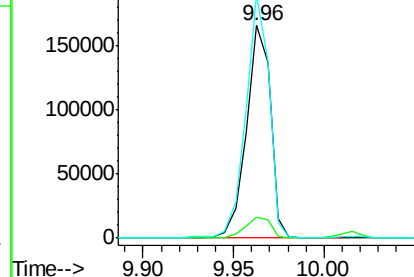
Lab File: BF103778.D

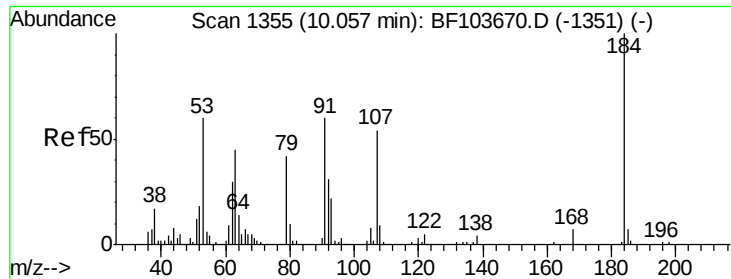
Acq: 20 Mar 2018 1:25

Tgt Ion:	138	Resp:	152487
Ion Ratio	Lower	Upper	
138	100		
108	10.0	9.4	14.0
92	114.5	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





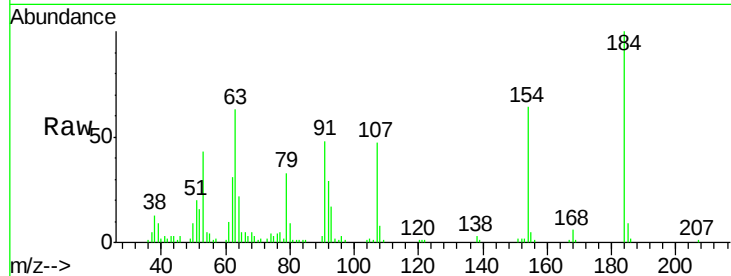
#53
2,4-Dinitrophenol
Concen: 49.261 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-1-WW@2MS

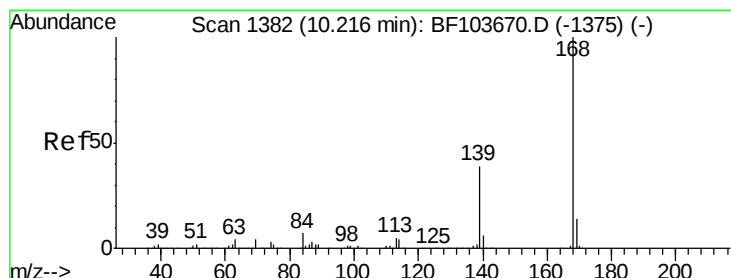
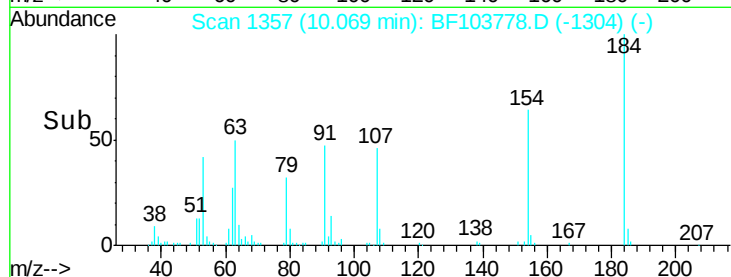
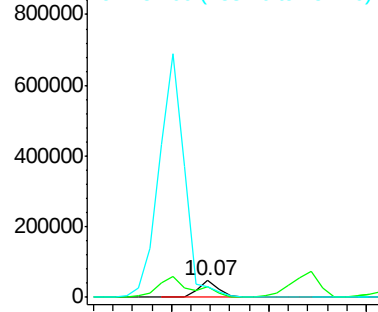
Tot Ion	Ion	Ratio	Resp	Lower	Upper
184	100		36267		
63	63.5	54.2	81.2		
154	64.2	184.0	276.0		

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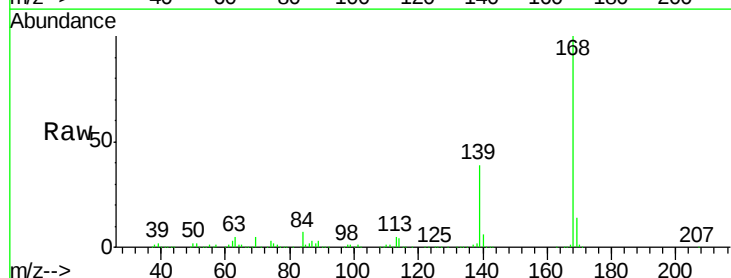


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

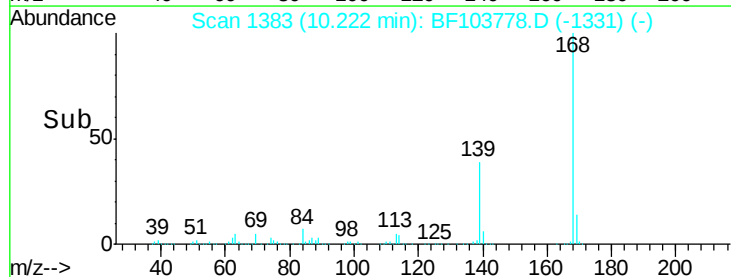
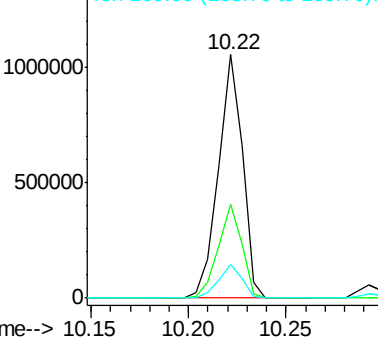


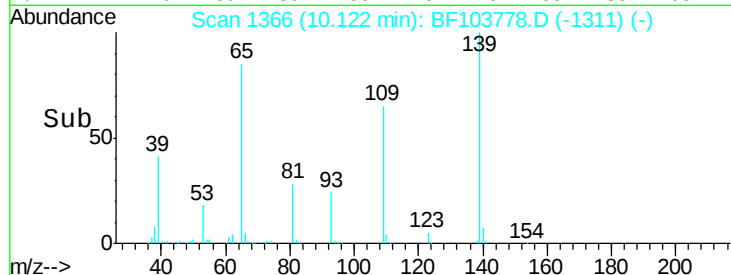
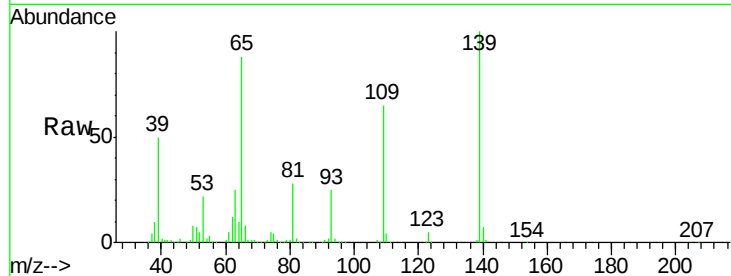
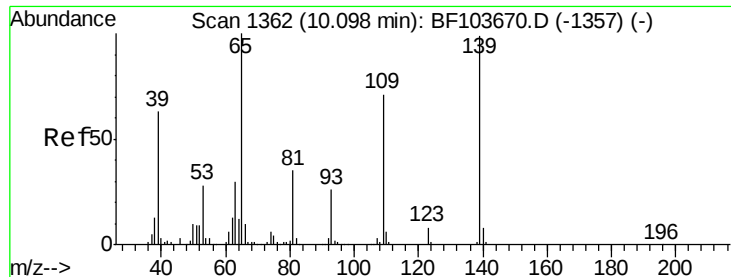
#54
Dibenzofuran
Concen: 44.806 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
168	100		903339		
139	38.6	30.1	45.1		
169	13.6	10.9	16.3		



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





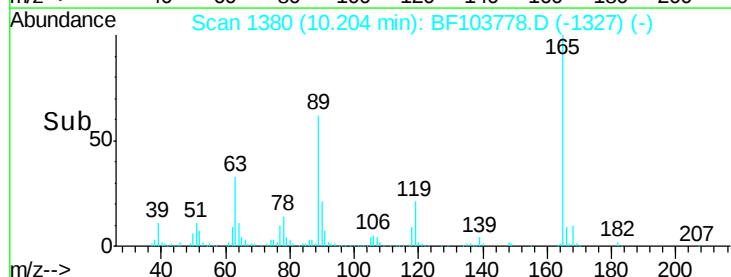
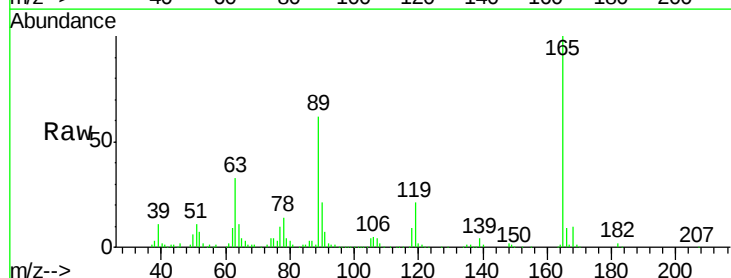
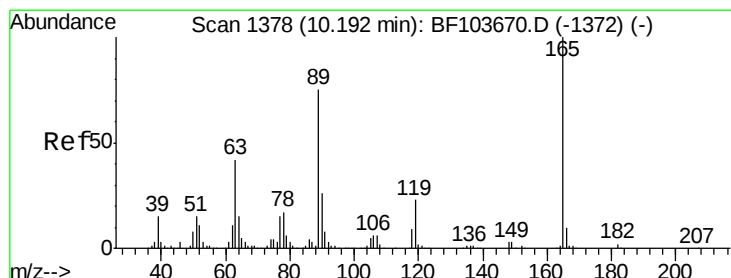
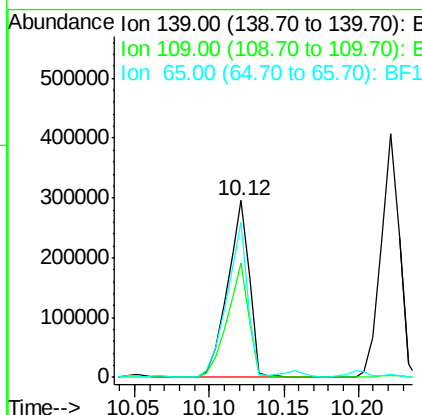
#55
4-Nitrophenol
Concen: 93.977 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.02 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-1-WW@2MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	64.9	48.4	88.4	
65	88.0	72.6	112.6	

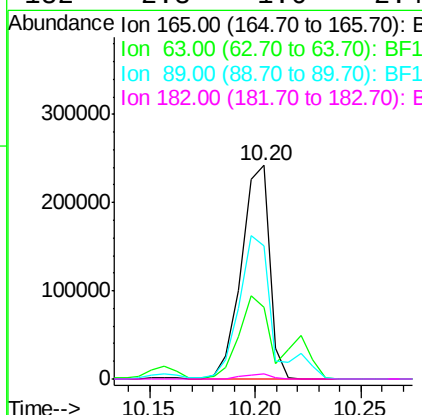
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#56
2,4-Dinitrotoluene
Concen: 51.366 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	33.4	36.4	54.6#	
89	62.2	57.8	86.6	
182	2.3	1.6	2.4	





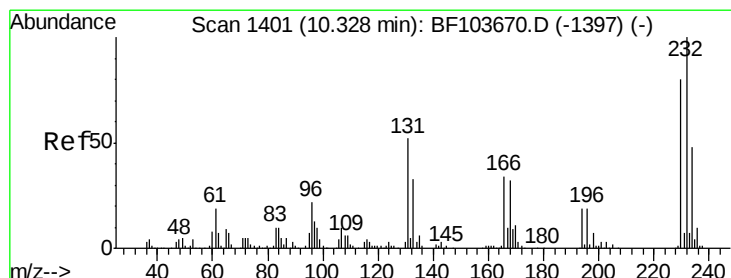
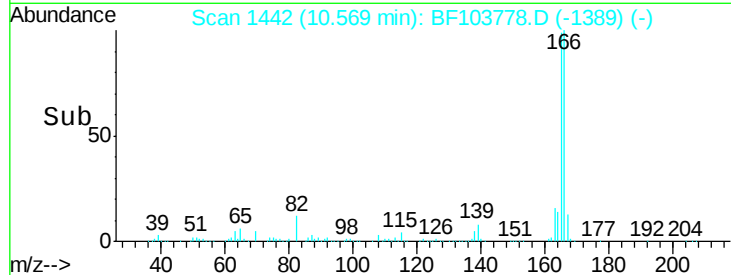
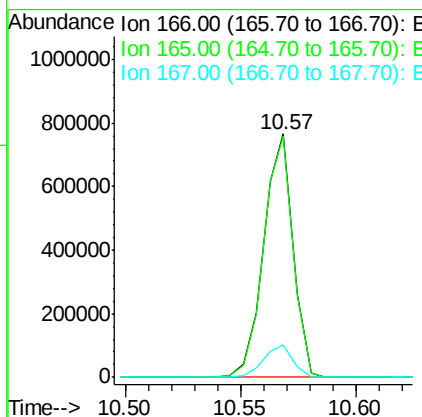
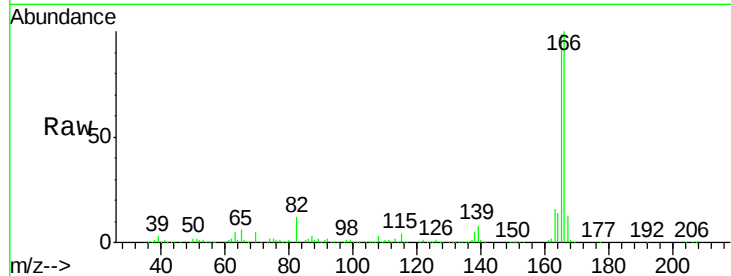
#57
 Fluorene
 Concen: 43.039 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Instrument :
 BNA_F
 ClientSampleId :
 ES-6-SA-1-WW@2MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	673322		
165	99.2	79.8	119.8	
167	13.1	10.6	16.0	

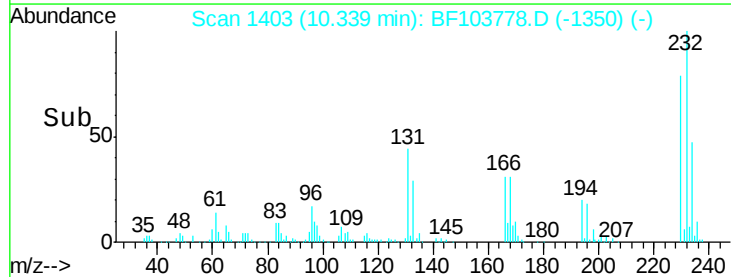
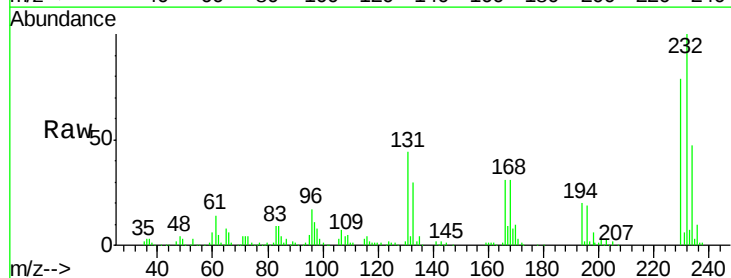
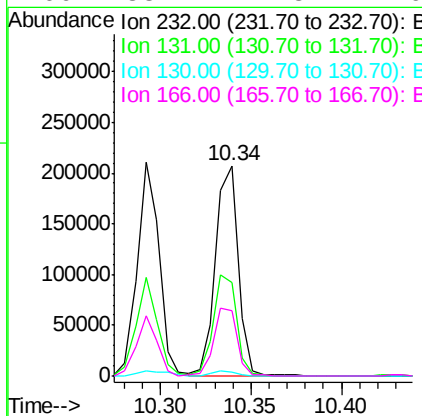
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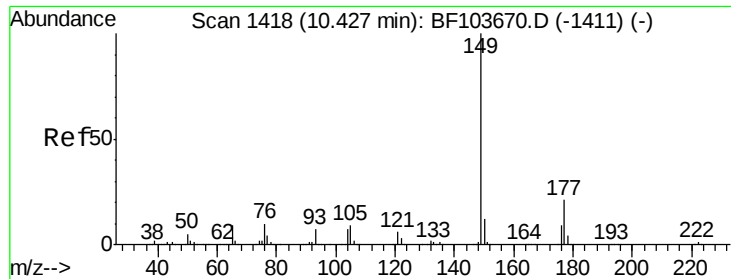
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.806 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	181772		
131	49.1	43.8	65.8	
130	2.2	2.1	3.1	
166	33.1	27.8	41.6	





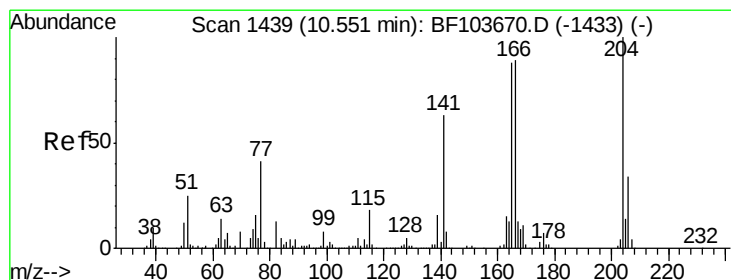
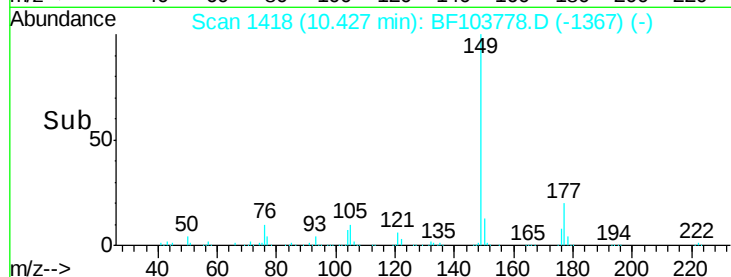
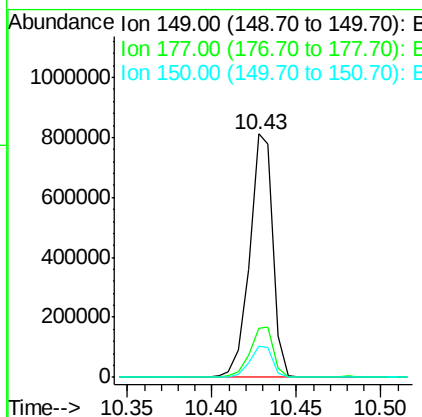
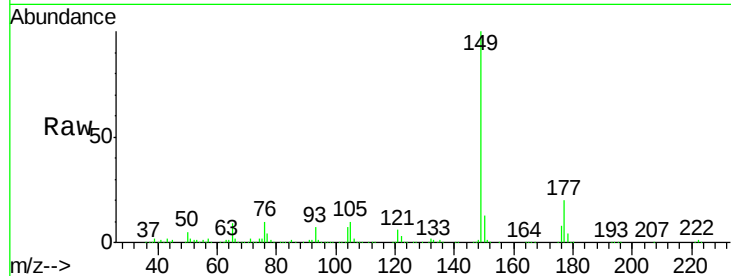
#59
Diethylphthalate
Concen: 44.526 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-1-WW@2MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.4	16.1	24.1
150	13.0	10.1	15.1

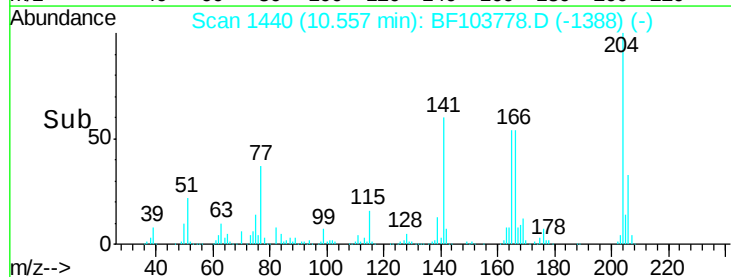
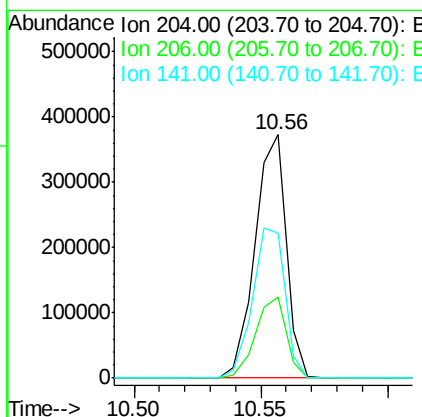
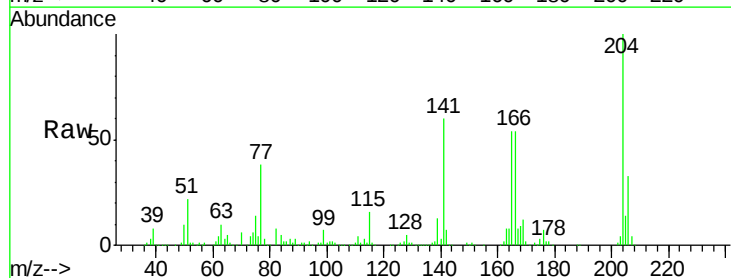
Manual Integrations
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#60
4-Chlorophenyl-phenylether
Concen: 44.981 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.5	39.7
141	59.6	54.6	81.8





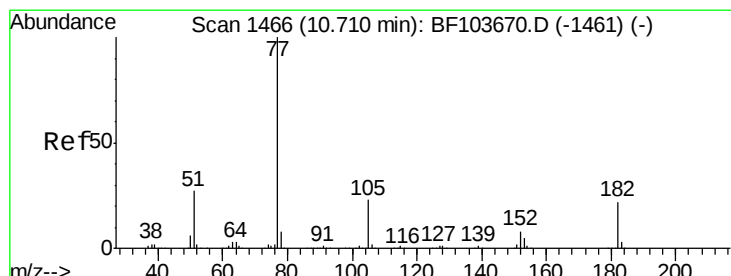
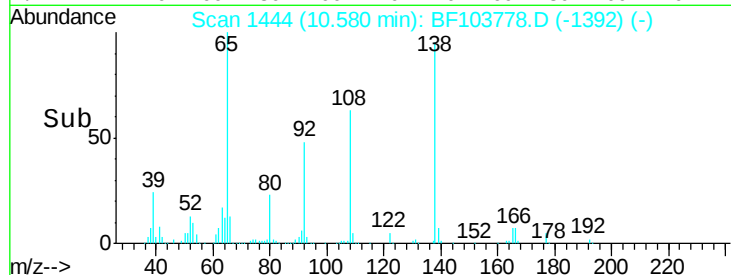
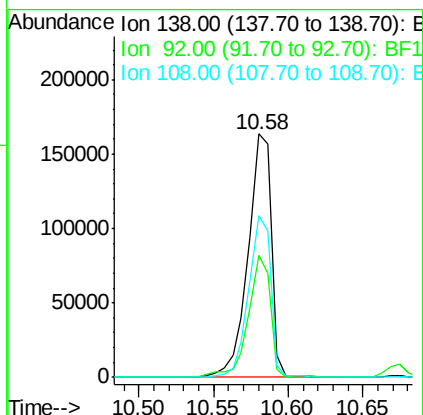
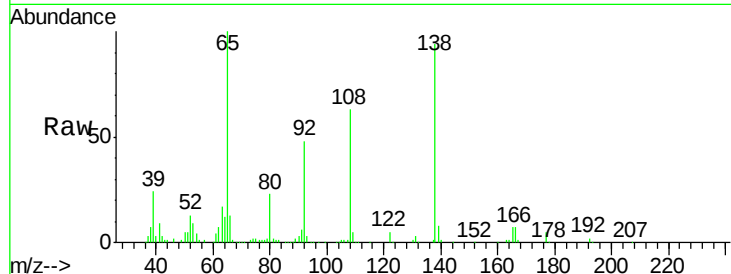
#61
4-Nitroaniline
Concen: 44.735 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-1-WW@2MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.4	30.2	70.2
108	66.4	52.5	92.5

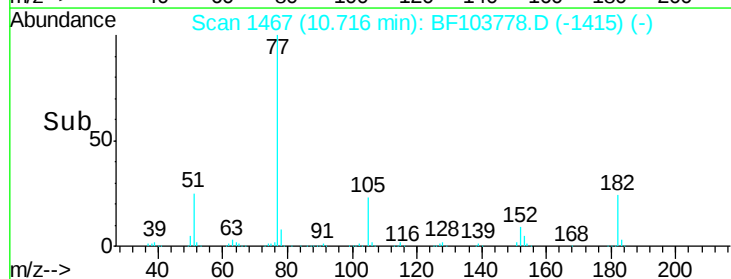
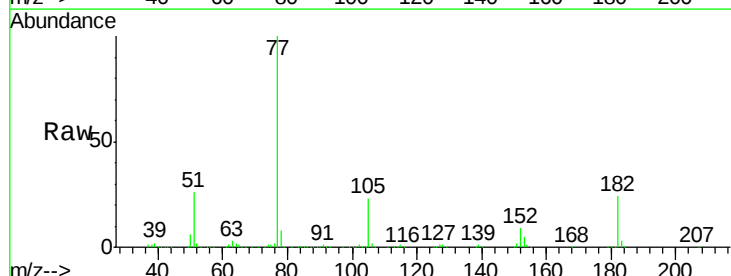
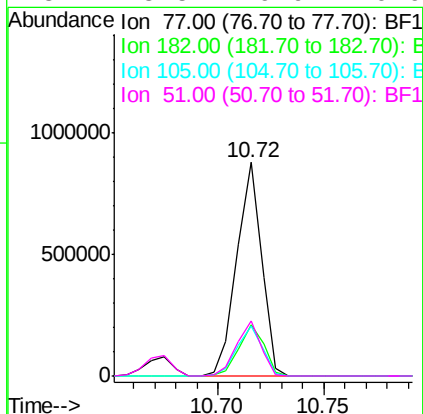
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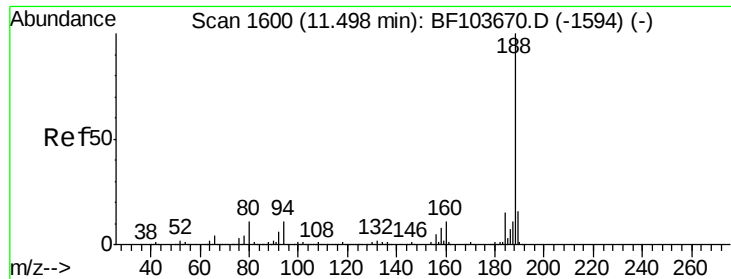
Sohil
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#62
Azobenzene
Concen: 40.099 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.3	1.7	41.7
105	23.3	3.0	43.0
51	25.5	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Instrument :

BNA_F

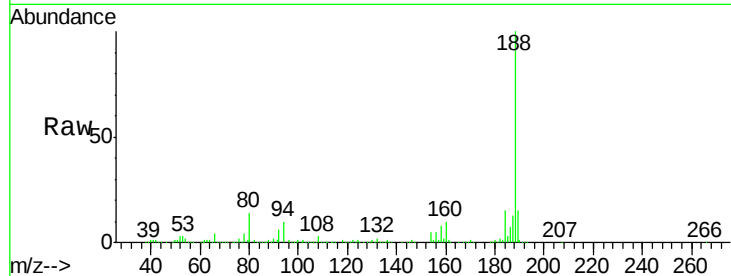
ClientSampleId :

ES-6-SA-1-WW@2MS

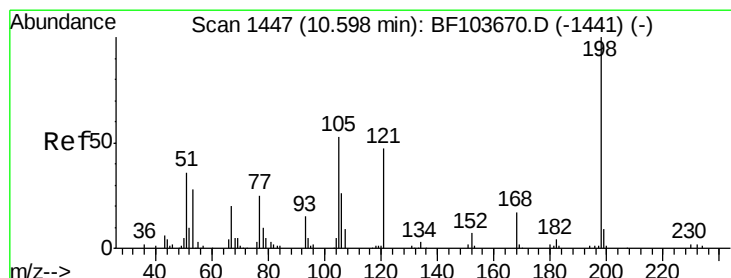
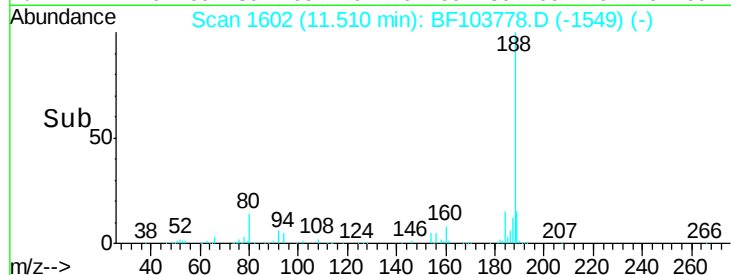
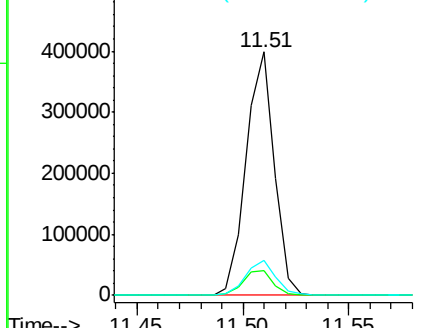
Tot Ion:	188	Resp:	367155
Ion Ratio	Lower	Upper	
188	100		
94	10.2	8.5	12.7
80	14.2	9.2	13.8#

Manual Integrations
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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 32.628 ng

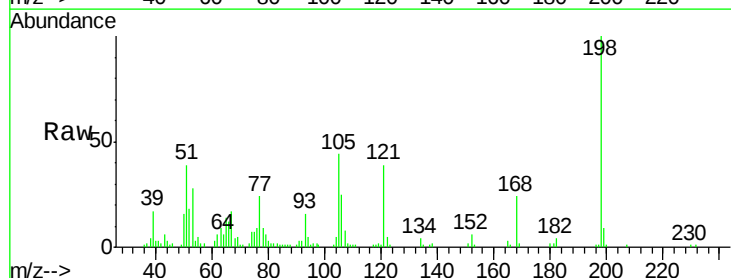
RT: 10.61 min Scan# 1449

Delta R.T. 0.01 min

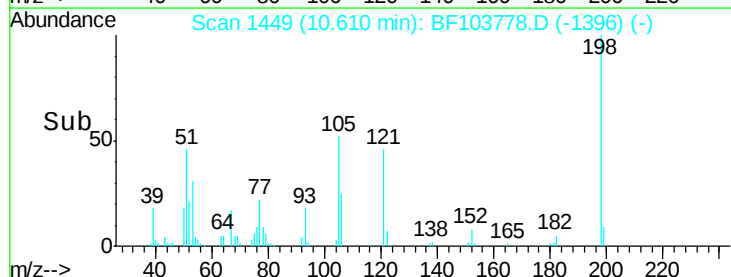
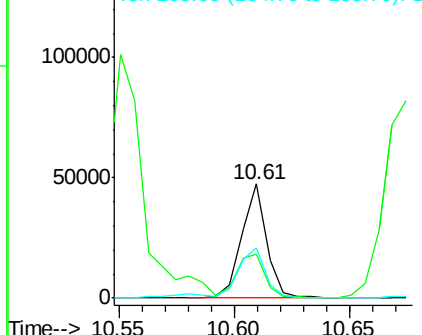
Lab File: BF103778.D

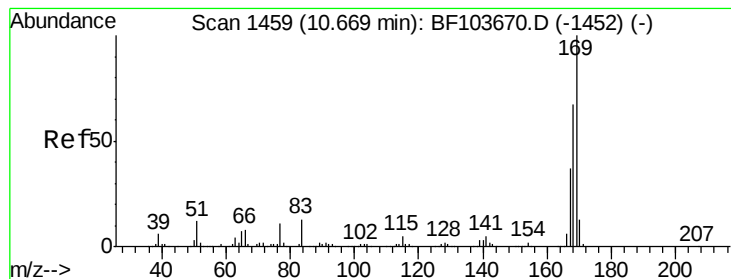
Acq: 20 Mar 2018 1:25

Tgt Ion:	198	Resp:	35960
Ion Ratio	Lower	Upper	
198	100		
51	38.9	37.7	77.7
105	43.8	36.3	76.3



Abundance Ion 198.00 (197.70 to 198.70): E





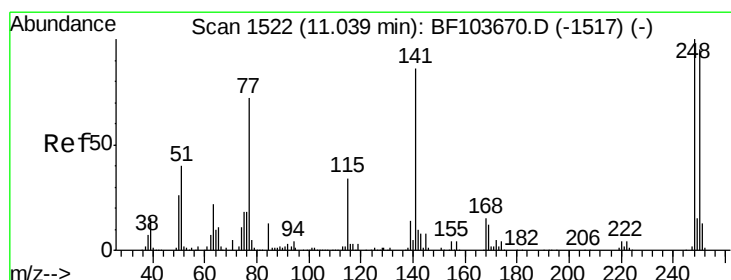
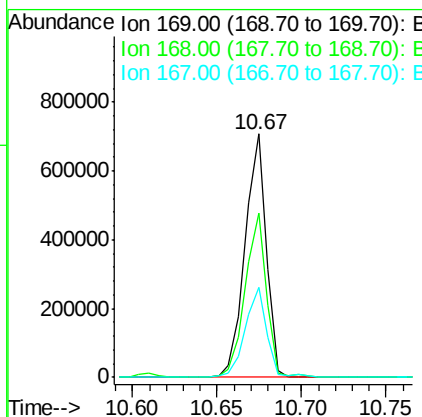
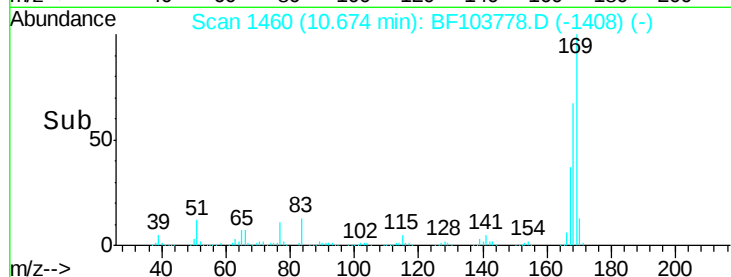
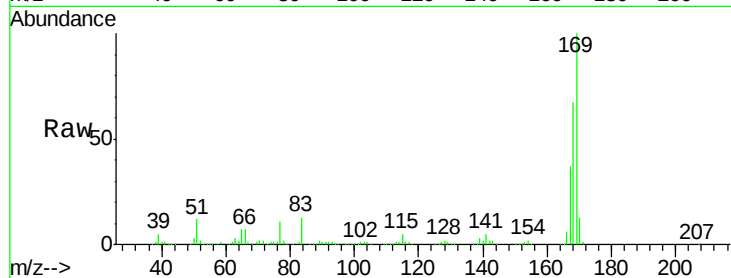
#65
 n-Nitrosodiphenylamine
 Concen: 49.988 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Instrument :
 BNA_F
 ClientSampleId :
 ES-6-SA-1-WW@2MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.5	54.4	81.6
167	36.9	29.8	44.6

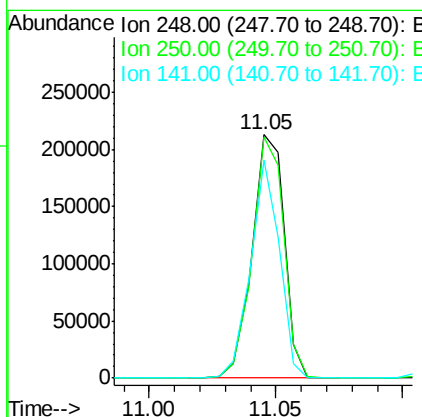
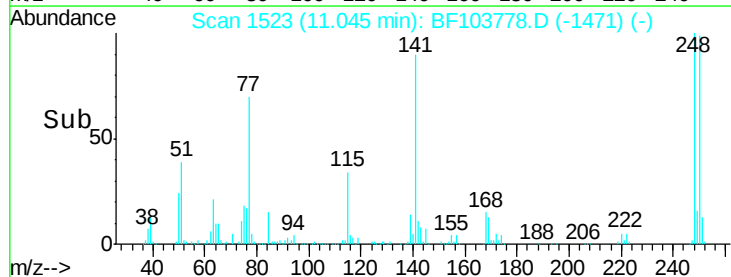
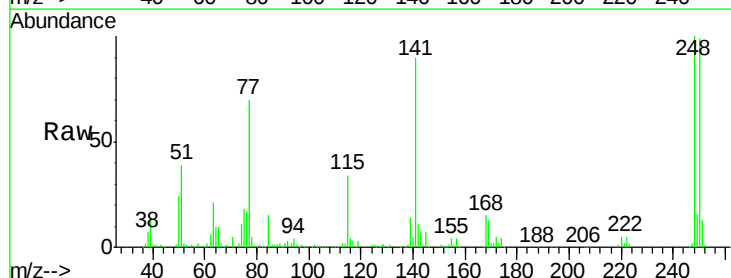
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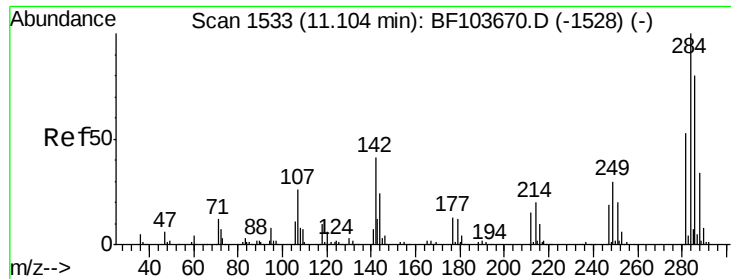
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#66
 4-Bromophenyl-phenylether
 Concen: 50.135 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.8	76.9	115.3
141	89.6	74.4	111.6





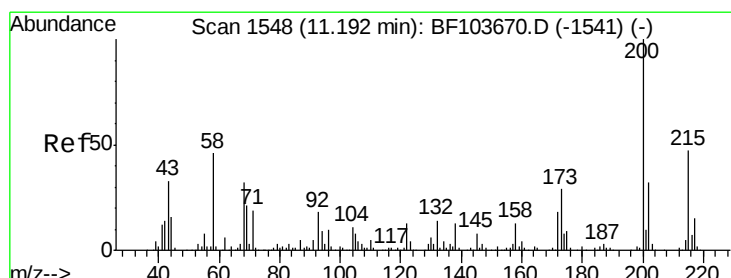
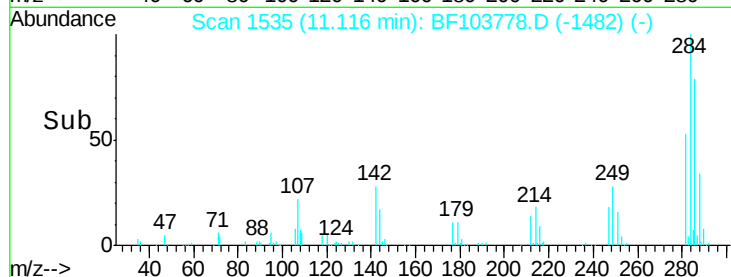
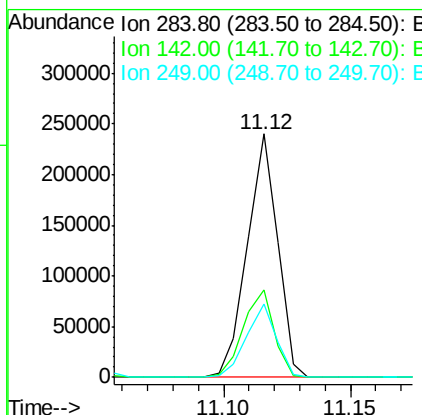
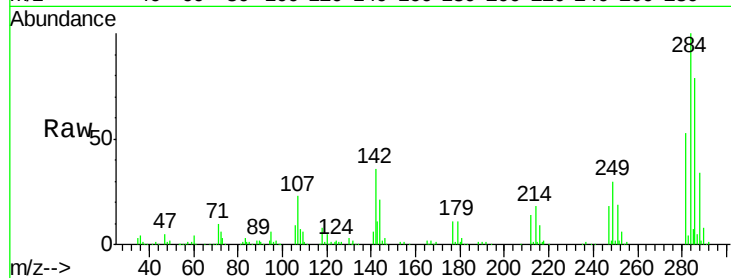
#67
Hexachlorobenzene
Concen: 46.645 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-1-WW@2MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	200691		
142	35.9		34.6	52.0
249	30.4		24.8	37.2

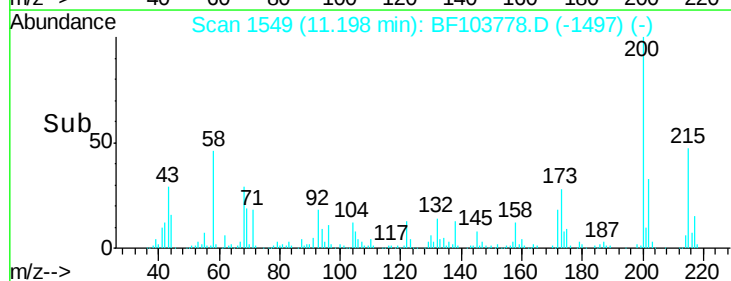
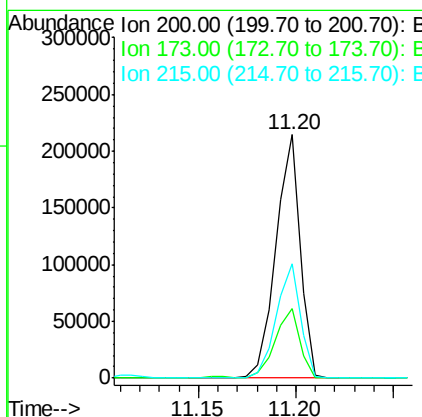
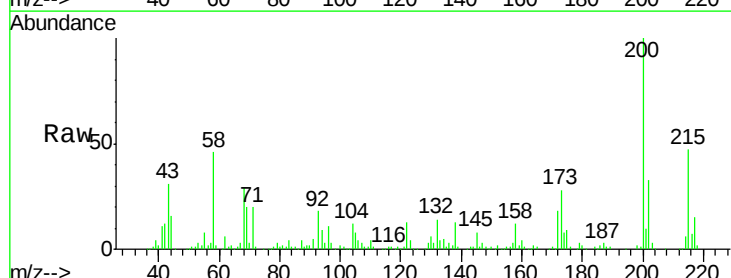
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#68
Atrazine
Concen: 47.724 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	184499		
173	28.5		8.6	48.6
215	46.7		25.1	65.1





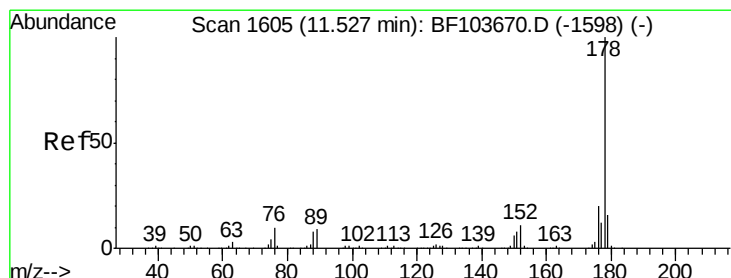
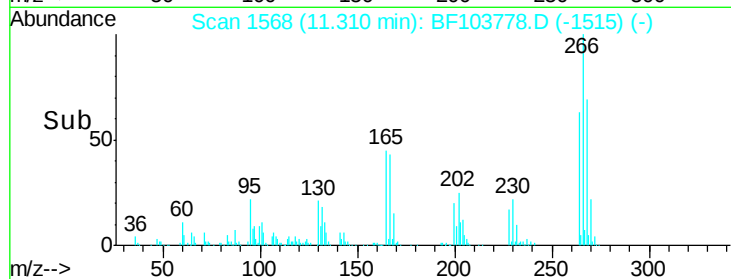
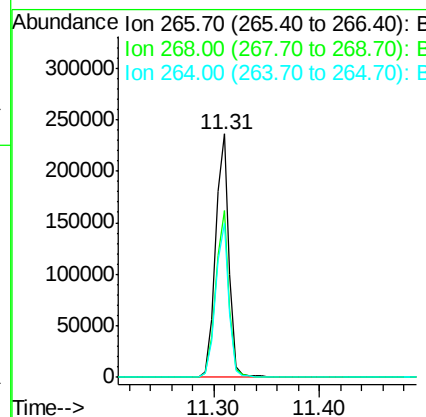
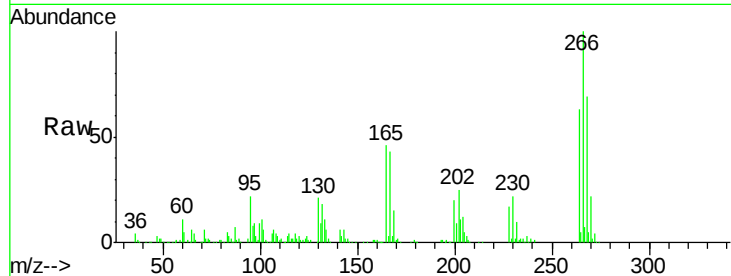
#69
 Pentachlorophenol
 Concen: 85.956 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Instrument :
 BNA_F
 ClientSampleId :
 ES-6-SA-1-WW@2MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.6	51.1	76.7
264	63.3	49.5	74.3

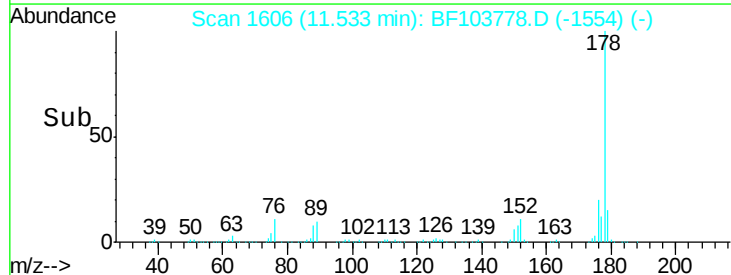
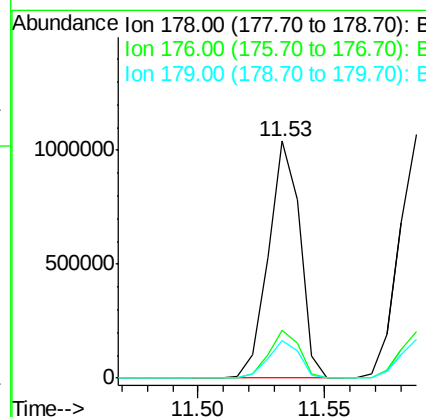
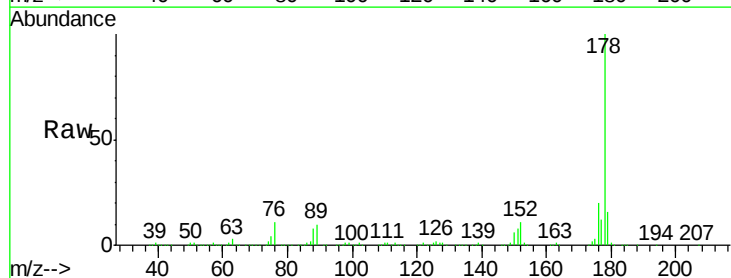
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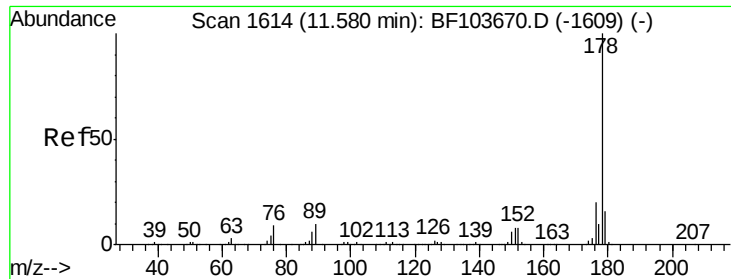
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#70
 Phenanthrene
 Concen: 45.240 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.6	13.0	19.6





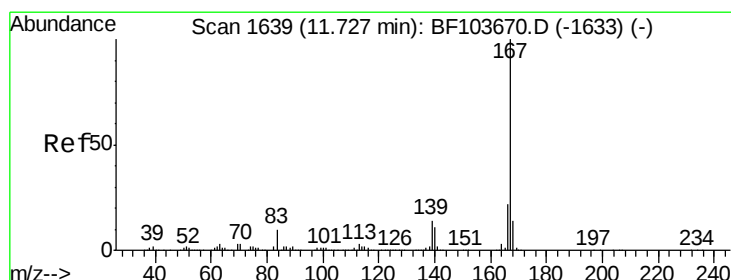
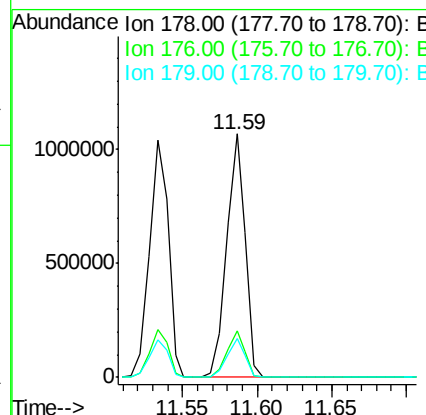
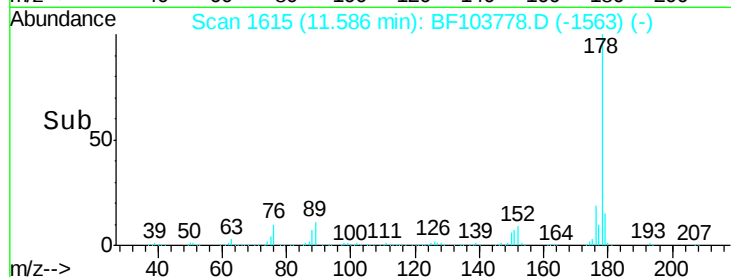
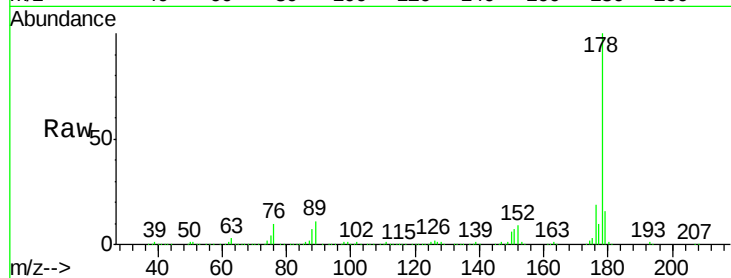
#71
 Anthracene
 Concen: 46.015 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Instrument :
 BNA_F
 ClientSampleId :
 ES-6-SA-1-WW@2MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.8	12.6	19.0

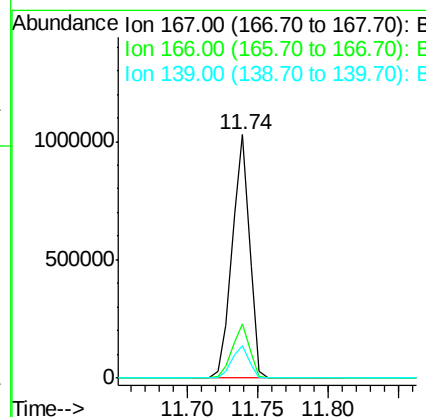
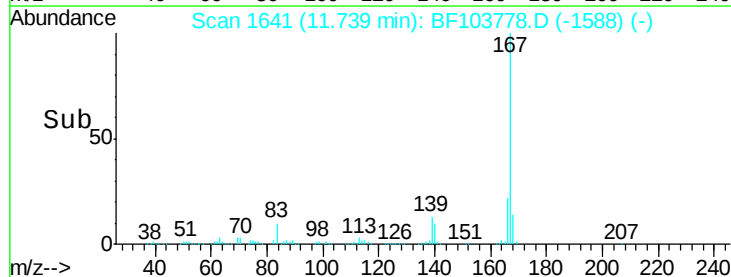
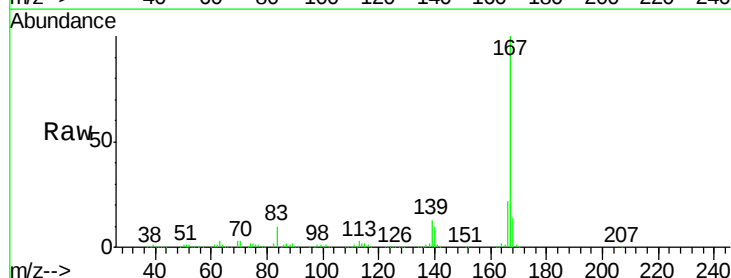
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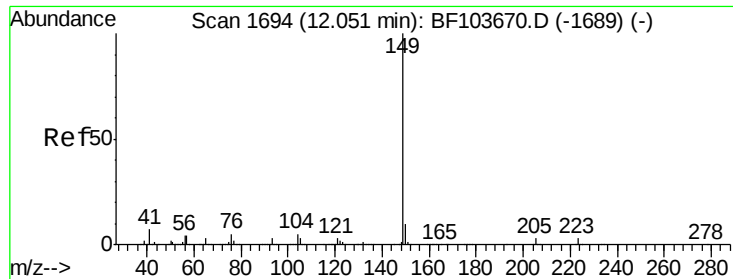
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#72
 Carbazole
 Concen: 44.289 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	13.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 46.987 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Instrument :

BNA_F

ClientSampleId :

ES-6-SA-1-WW@2MS

Tot Ion:149 Resp: 1117806

Ion Ratio Lower Upper

149 100

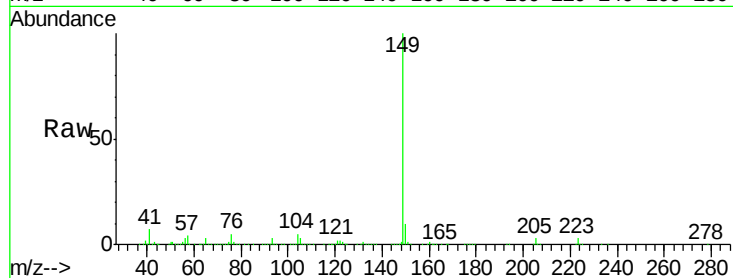
150 9.5 7.8 11.6

104 5.0 3.8 5.8

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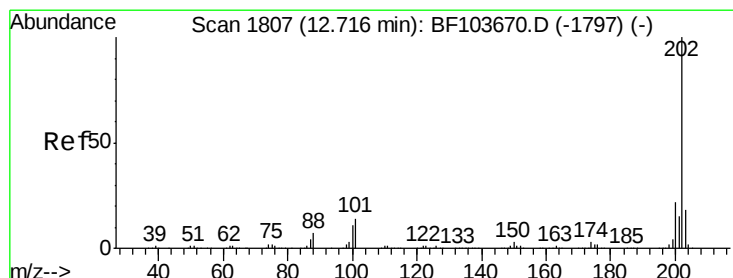
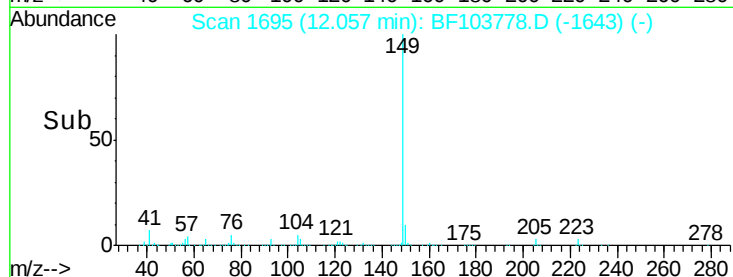
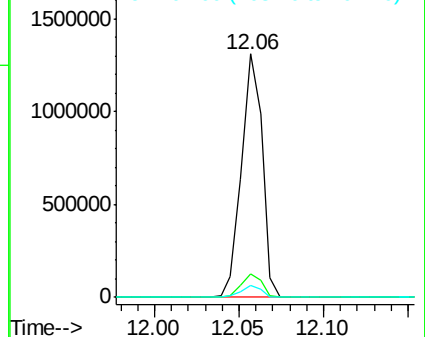
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.610 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

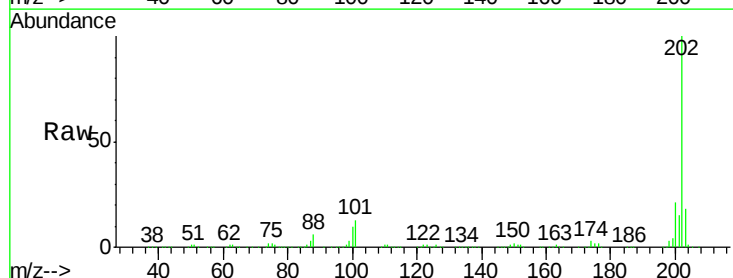
Tgt Ion:202 Resp: 881659

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

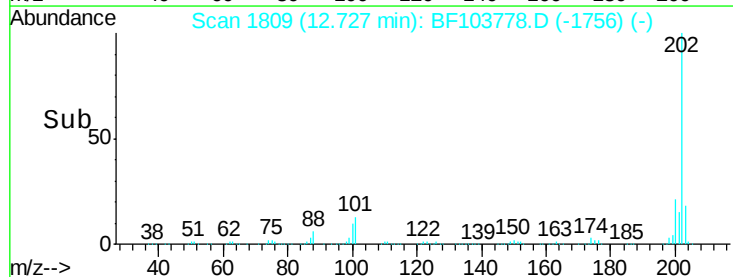
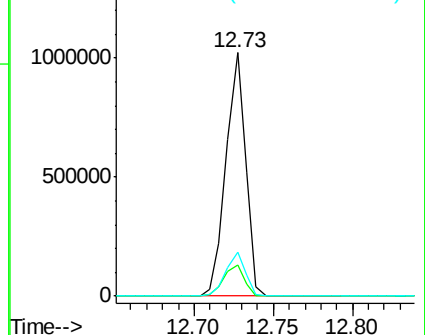
203 17.9 0.0 38.1

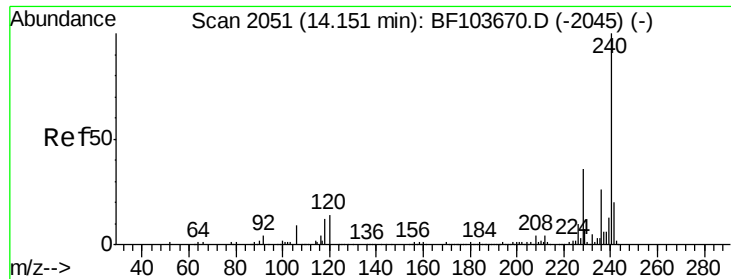


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





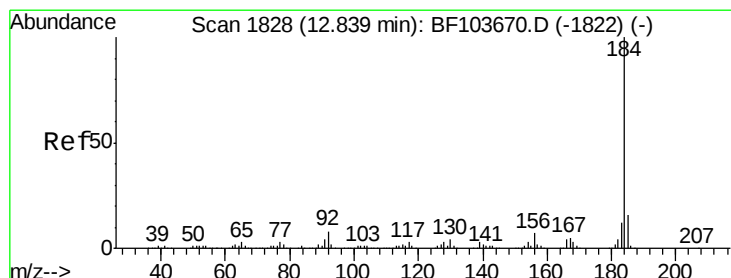
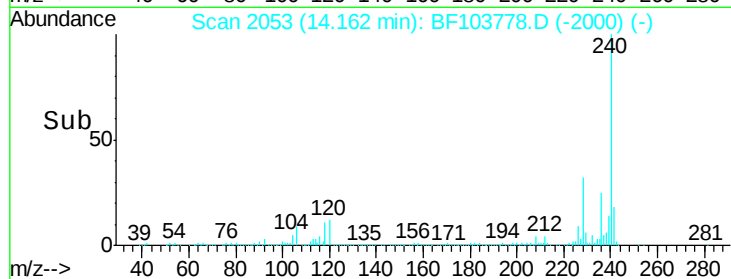
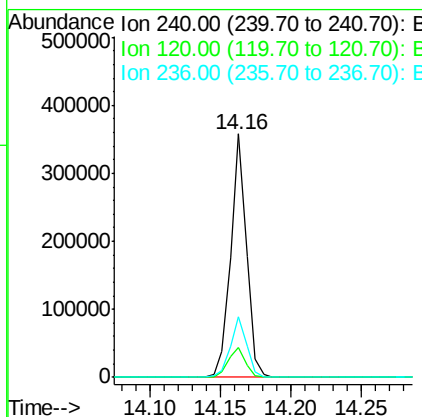
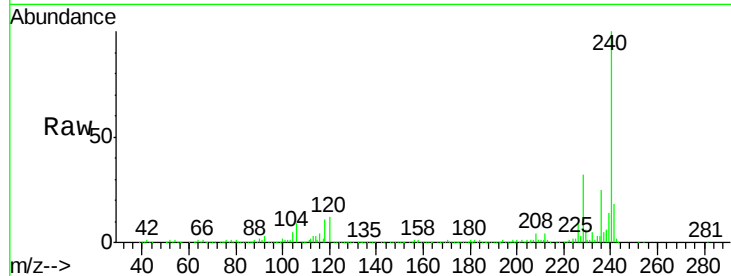
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-1-WW@2MS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	278981		
120	12.5		9.5	14.3
236	24.9		20.7	31.1

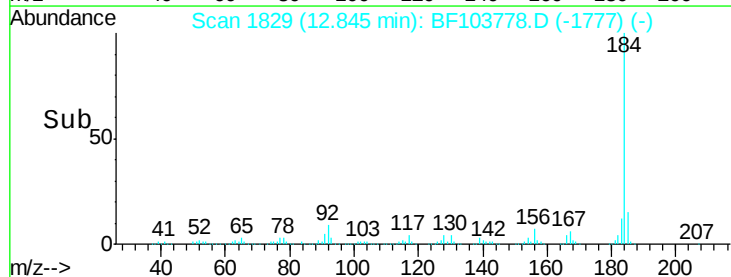
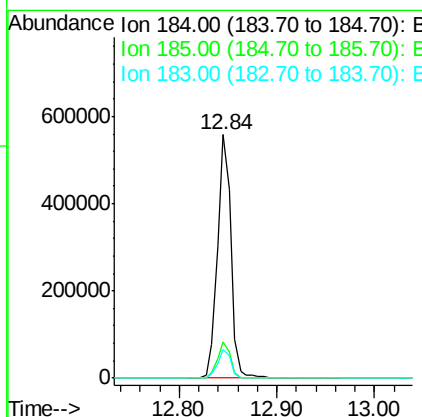
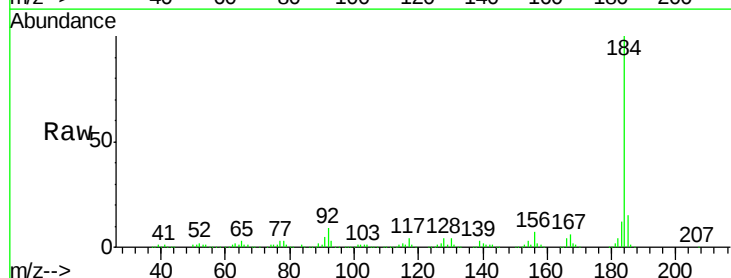
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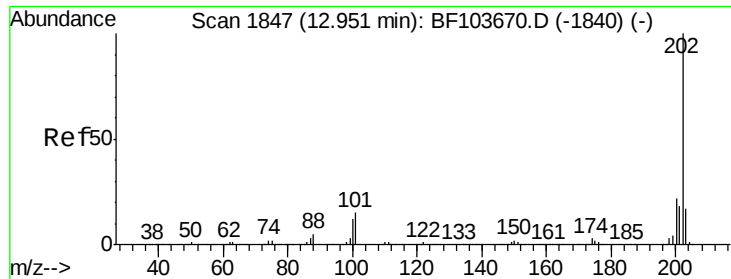
Sohil
3/20/2018 6:27:41 PM



#76
Benzidine
Concen: 44.952 ng
RT: 12.84 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	534874		
185	14.7		12.6	18.8
183	12.0		9.3	13.9





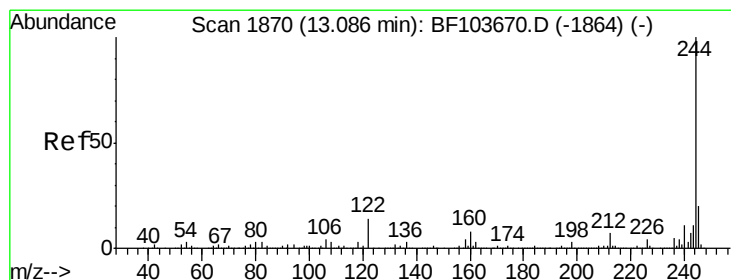
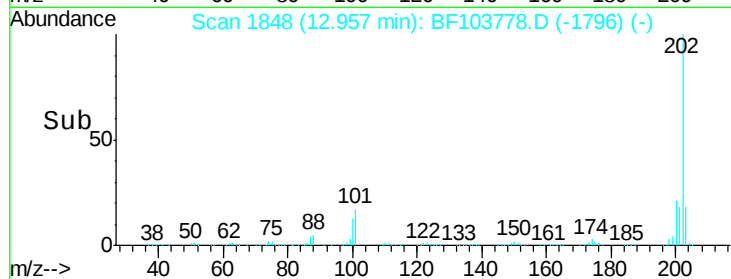
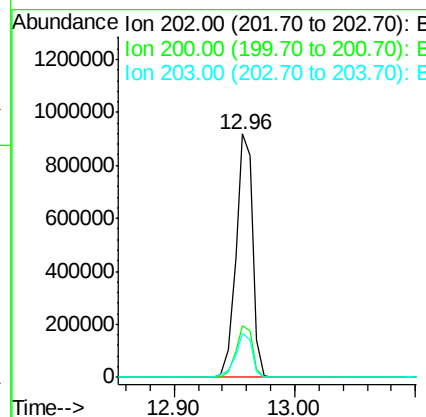
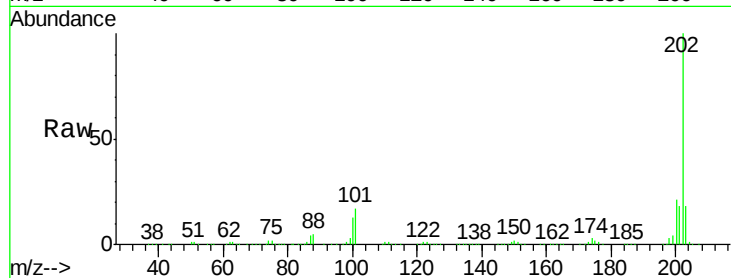
#77
Pvrene
Concen: 42.762 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-1-WW@2MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.3		17.4	26.2
203	17.9		14.3	21.5

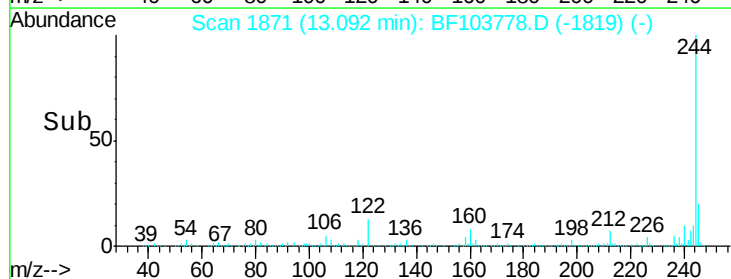
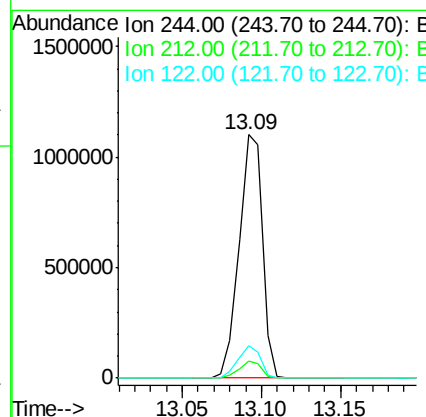
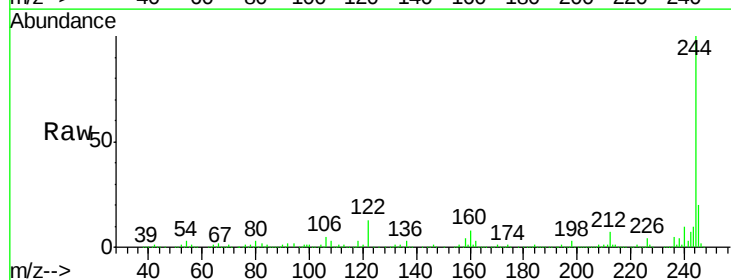
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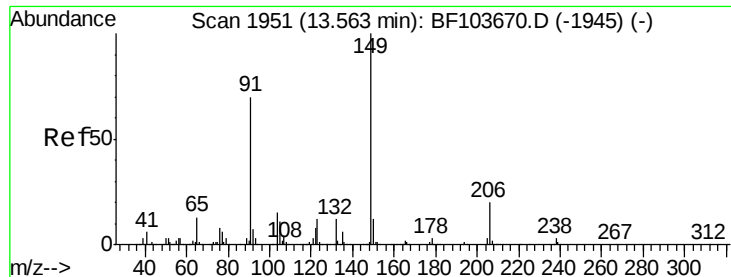
Sohil
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#78
Terphenyl-d14
Concen: 93.426 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.9		5.4	8.0
122	13.5		11.0	16.4





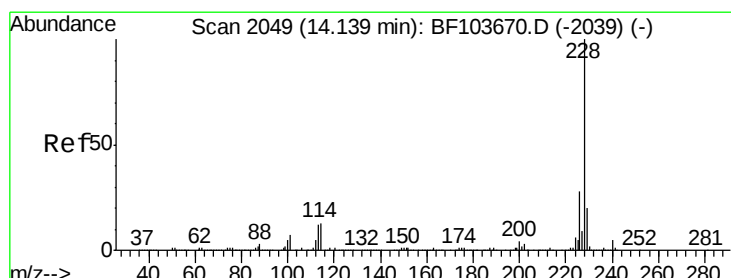
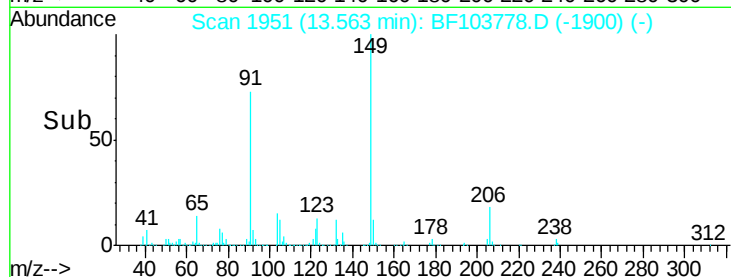
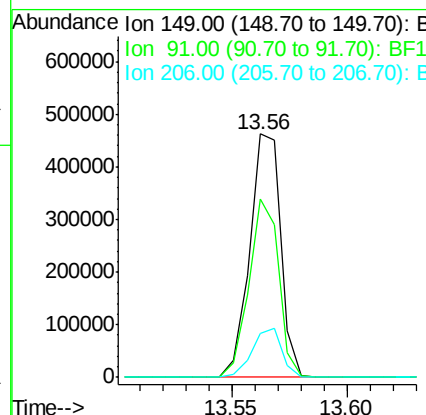
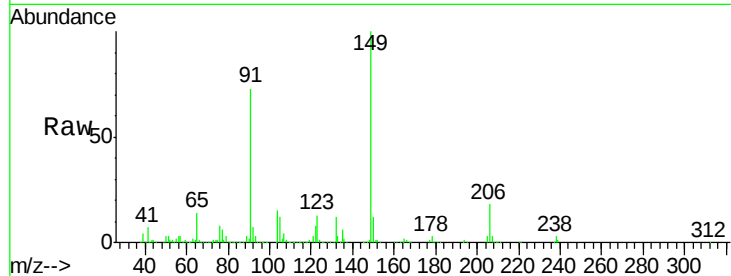
#79
Butylbenzylphthalate
Concen: 47.990 ng
RT: 13.56 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-1-WW@2MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	73.4	56.8	85.2
206	18.3	14.1	21.1

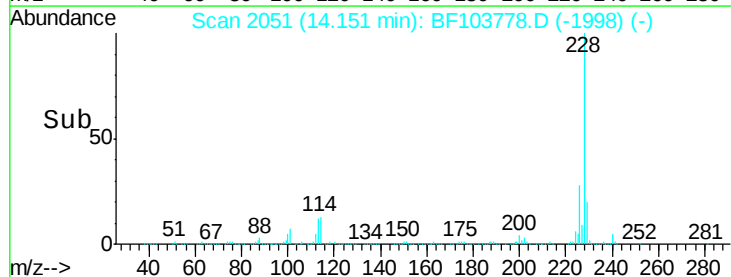
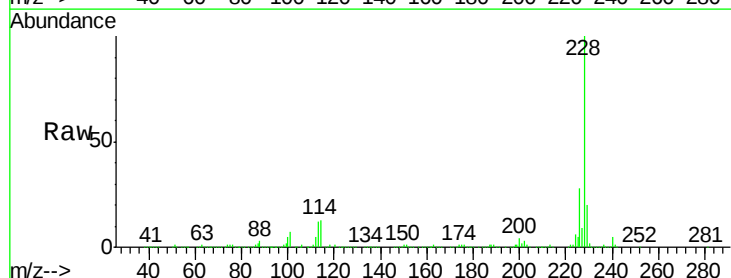
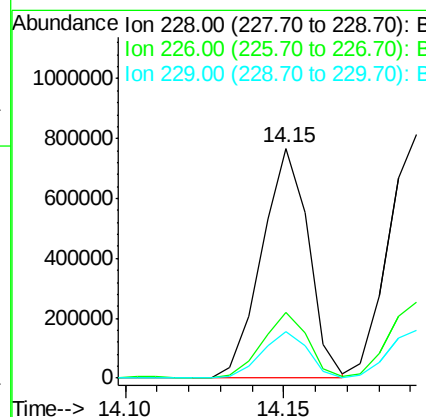
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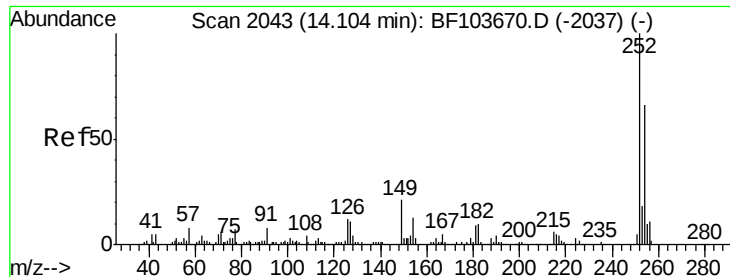
Sohil
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#80
Benzo(a)anthracene
Concen: 44.389 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.0	15.8	23.6





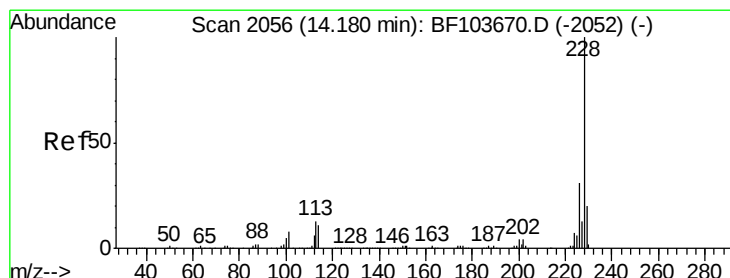
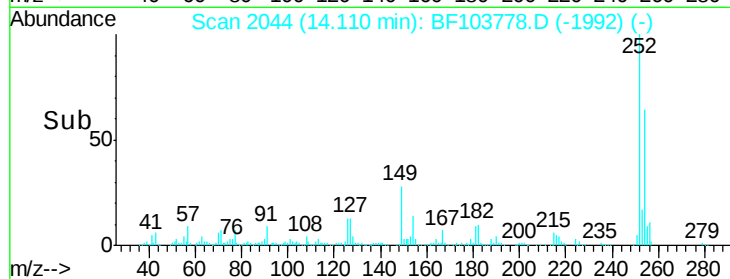
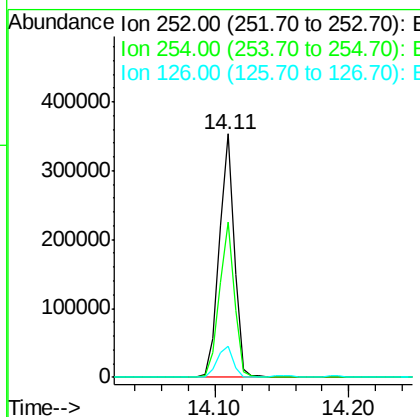
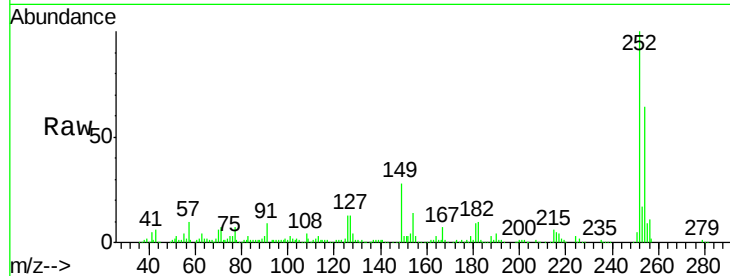
#81
 3,3'-Dichlorobenzidine
 Concen: 48.220 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Instrument :
 BNA_F
 ClientSampleId :
 ES-6-SA-1-WW@2MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	284832		
254	63.6		50.4	75.6
126	12.5		11.3	16.9

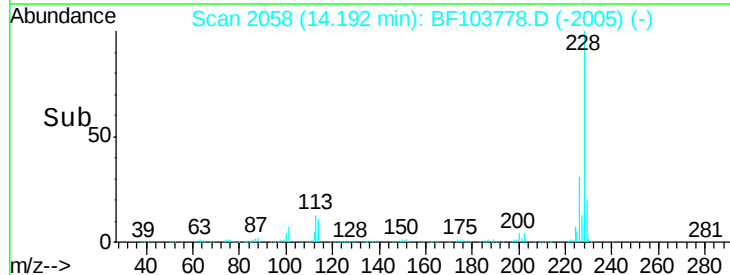
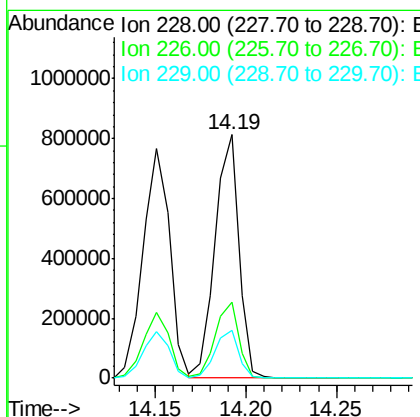
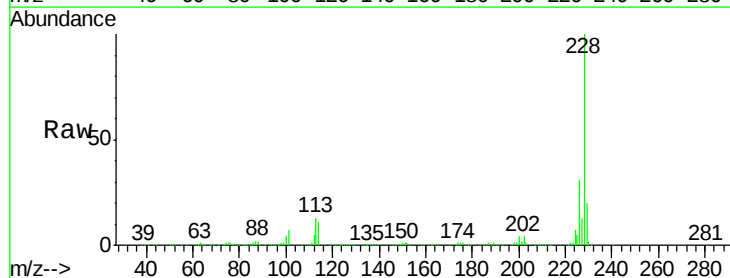
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#82
 Chrysene
 Concen: 44.204 ng
 RT: 14.19 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	744131		
226	31.3		25.0	37.6
229	19.8		16.2	24.4





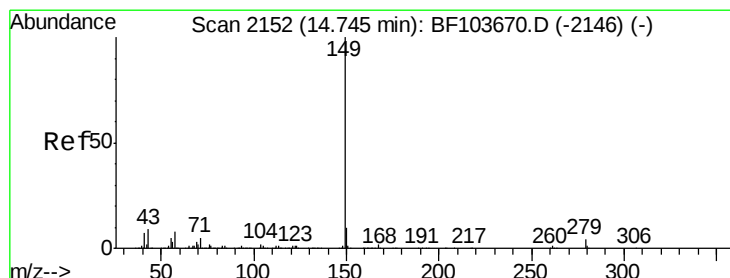
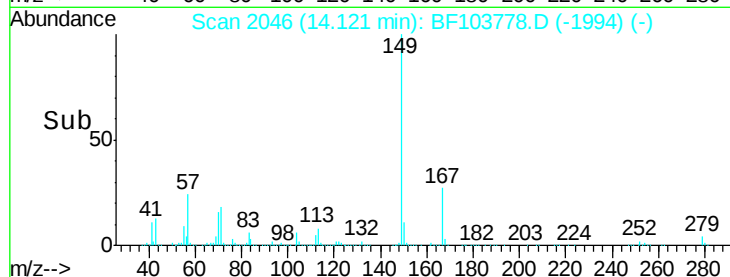
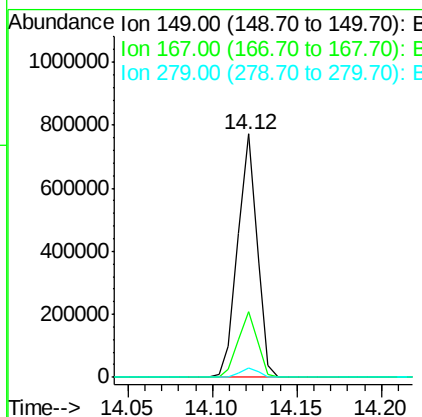
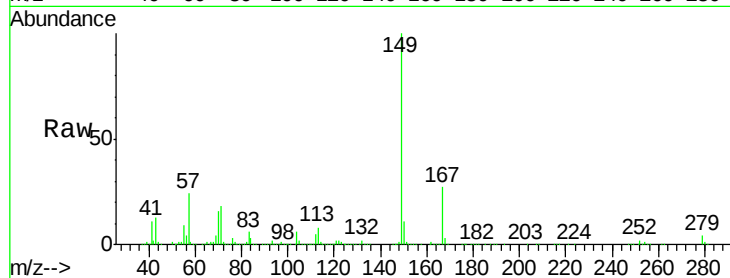
#83
Bis(2-ethylhexyl)phthalate
Concen: 47.582 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-1-WW@2MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	3.7	3.0	4.4

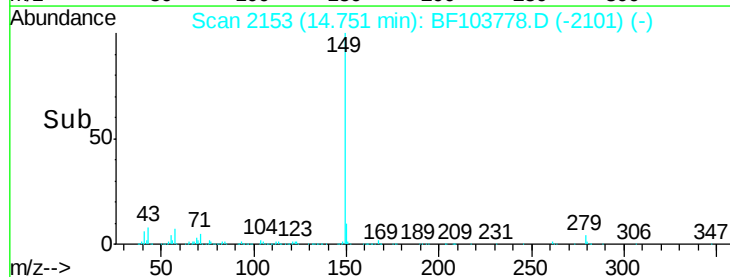
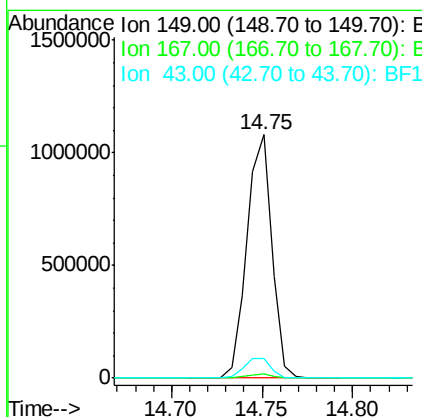
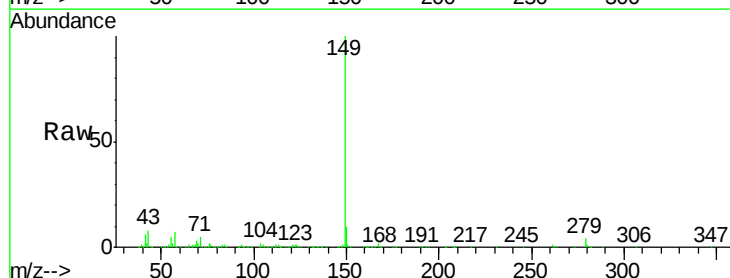
Manual Integrations
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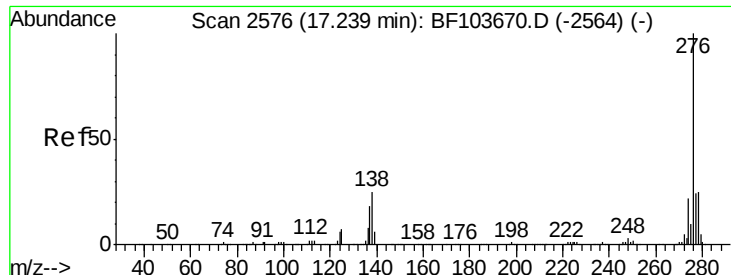
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#84
Di-n-octyl phthalate
Concen: 54.774 ng
RT: 14.75 min Scan# 2153
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.7	8.4	12.6





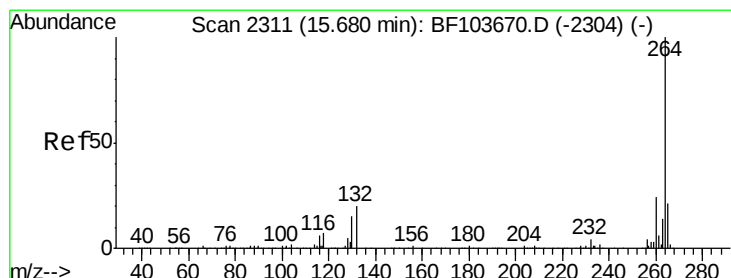
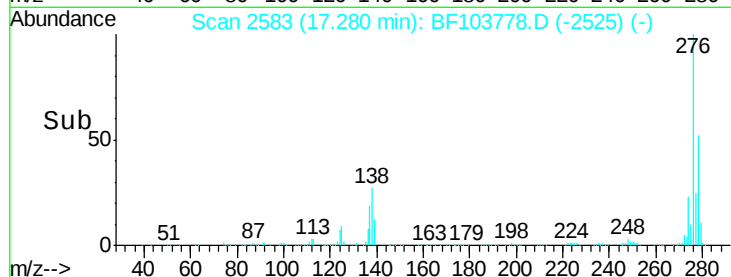
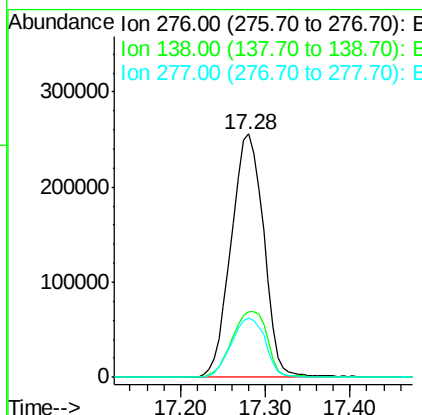
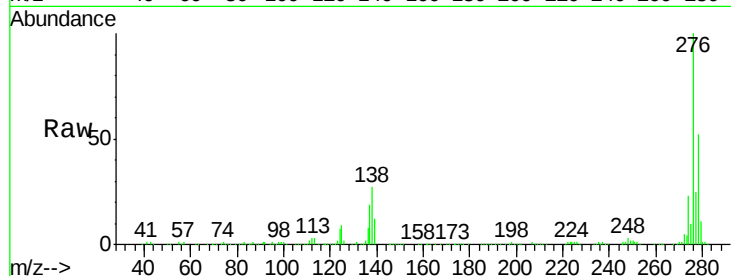
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.613 ng
 RT: 17.28 min Scan# 2583
 Delta R.T. 0.04 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Instrument :
 BNA_F
 ClientSampleId :
 ES-6-SA-1-WW@2MS

Tot Ion: 276	Resp: 685256
Ion Ratio	Lower Upper
276 100	
138 29.9	25.0 37.6
277 25.7	20.1 30.1

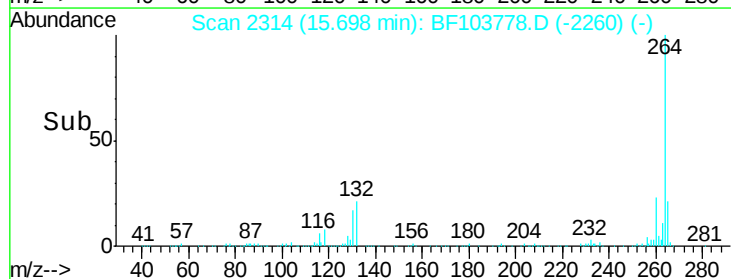
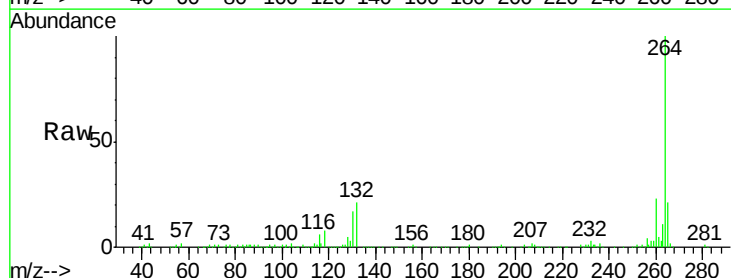
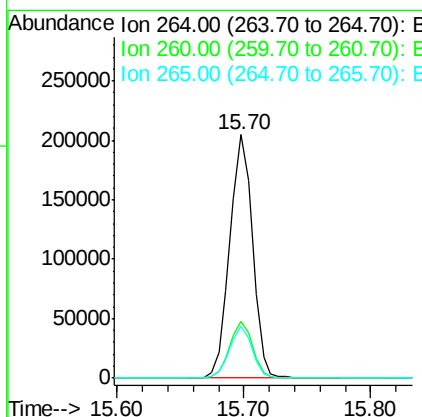
Manual Integrations
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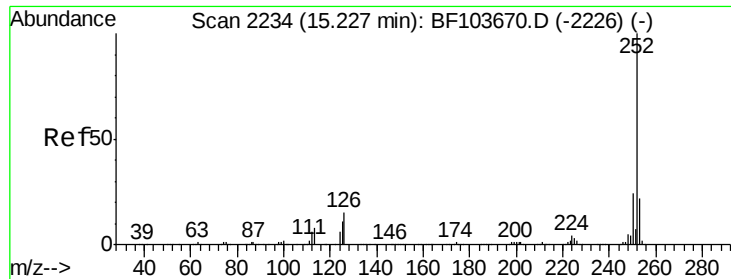
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. 0.02 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Tgt Ion: 264	Resp: 254460
Ion Ratio	Lower Upper
264 100	
260 23.4	19.2 28.8
265 21.2	17.5 26.3





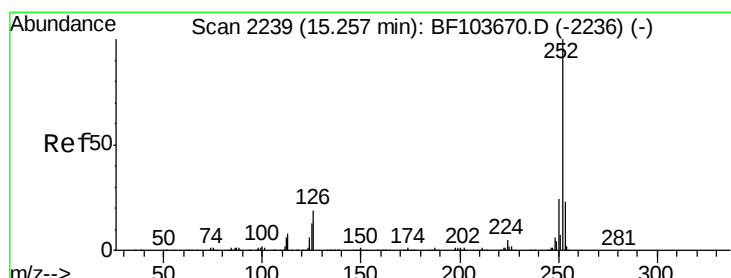
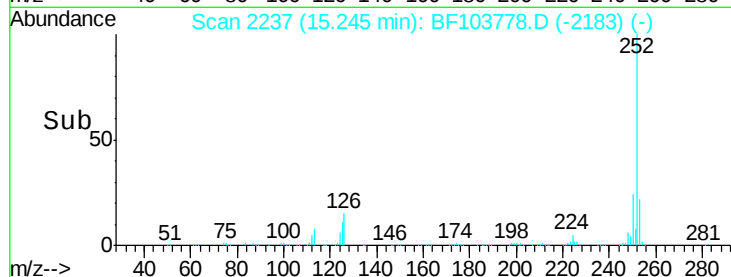
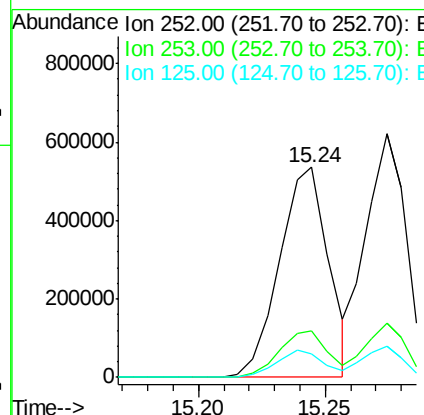
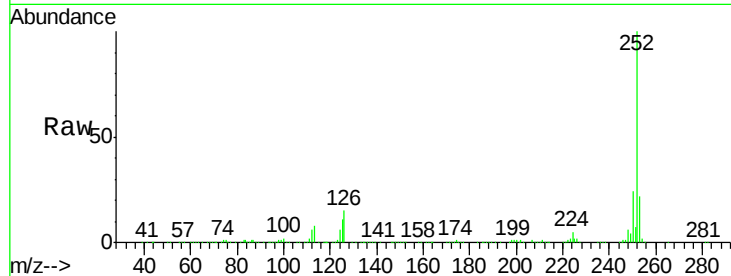
#87
Benzo(b)fluoranthene
Concen: 44.901 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.02 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-1-WW@2MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	11.4	9.0	13.6

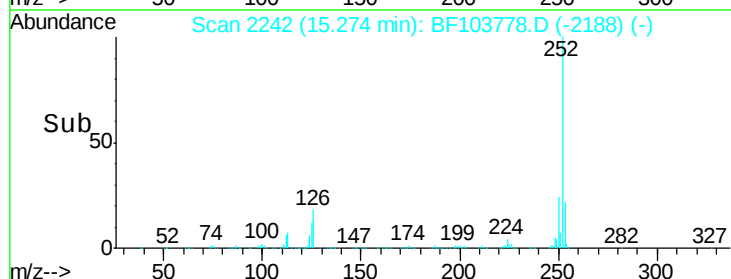
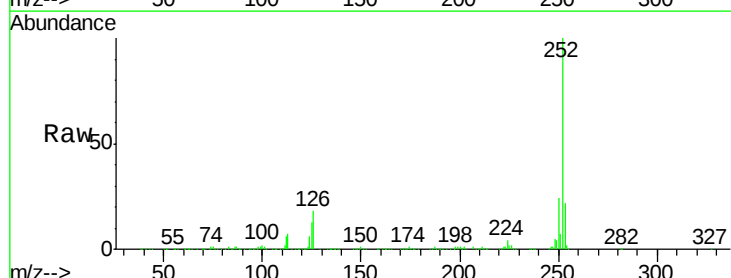
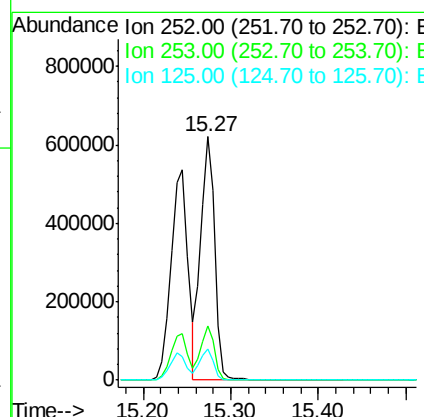
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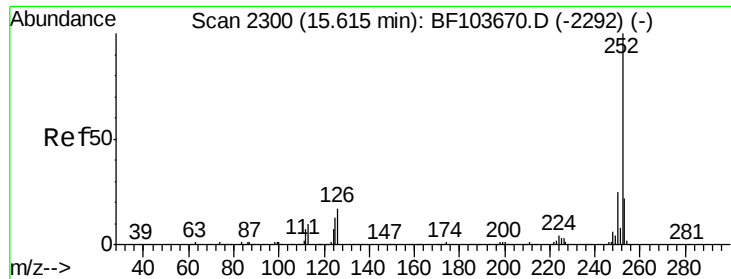
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#88
Benzo(k)fluoranthene
Concen: 45.269 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	12.5	10.2	15.2





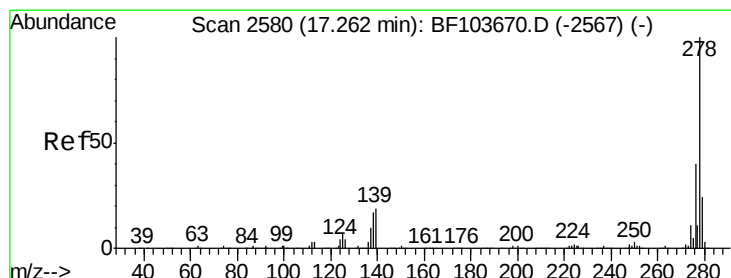
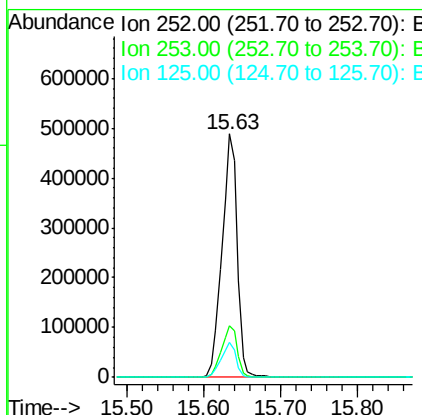
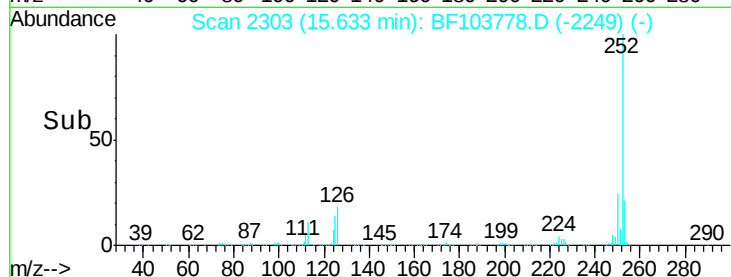
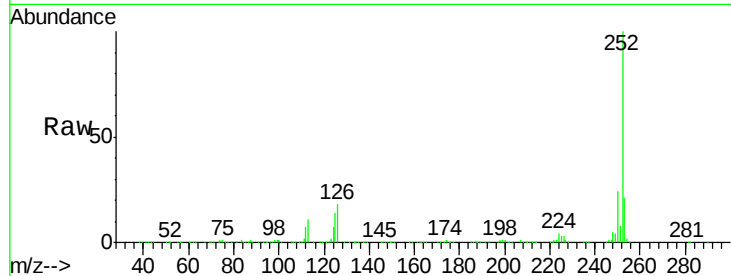
#89
Benzo(a)pyrene
Concen: 45.732 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.02 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampleId :
ES-6-SA-1-WW@2MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	14.2	9.8	14.6

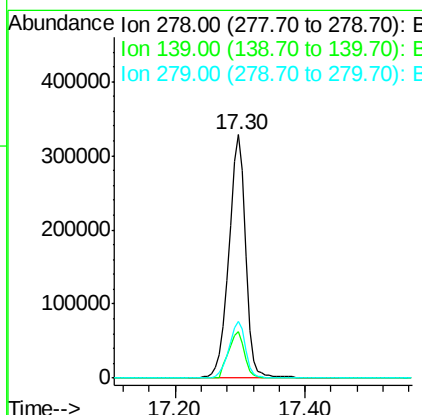
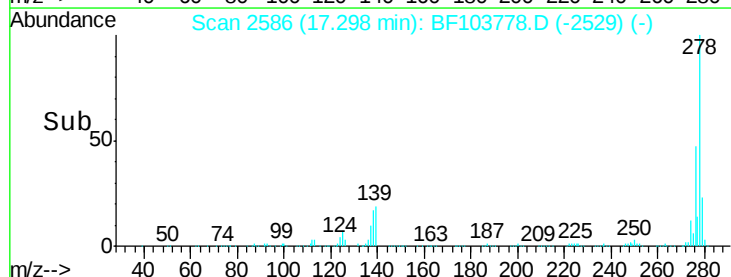
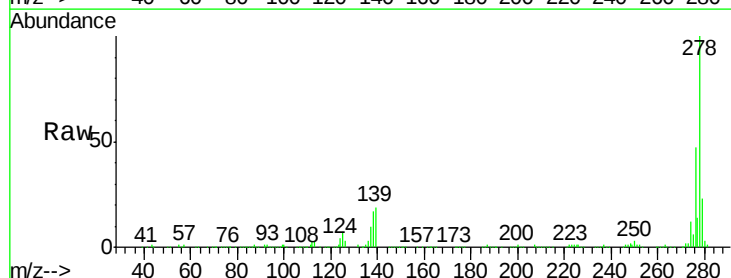
Manual Integrations
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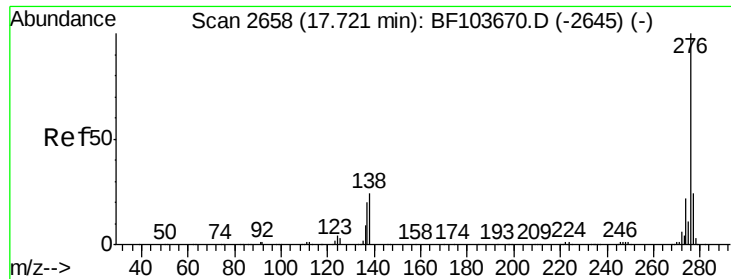
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 46.642 ng
RT: 17.30 min Scan# 2586
Delta R.T. 0.04 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	15.9	23.9
279	23.2	19.0	28.4





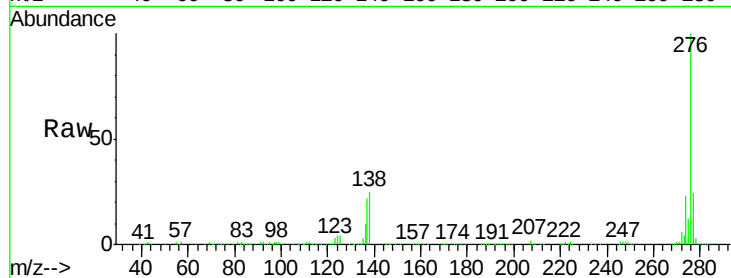
#91
 Benzo(a,h,i)perylene
 Concen: 44.854 ng
 RT: 17.76 min Scan# 2665
 Delta R.T. 0.04 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Instrument :
 BNA_F
 ClientSampleId :
 ES-6-SA-1-WW@2MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.9	26.9
138	25.0	21.8	32.8

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

