

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103779.D
 Acq On : 20 Mar 2018 1:52
 Operator : JU/SJ
 Sample : J1971-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 3/20/2018 6:27:43 PM

Quant Time: Mar 20 03:06:59 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	150120	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	599198	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	259446	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	423139	20.00	ng	0.01
75) Chrysene-d12	14.16	240	302788	20.00	ng	0.01
86) Perylene-d12	15.70	264	275136	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	925458	93.77	ng	0.02
7) Phenol-d6	6.60	99	1142638	94.63	ng	0.01
23) Nitrobenzene-d5	7.53	82	691593	80.49	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	246716	110.60	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1132414	69.62	ng	0.00
78) Terphenyl-d14	13.09	244	974066	74.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	134143	27.602	ng	89
3) Pyridine	3.65	79	373765	27.961	ng	# 86
4) n-Nitrosodimethylamine	3.60	42	146122	29.647	ng	80
6) Aniline	6.64	93	341422	19.801	ng	95
8) 2-Chlorophenol	6.76	128	354245	34.262	ng	96
9) Benzaldehyde	6.52	77	116911	14.737	ng	100
10) Phenol	6.61	94	483634	37.692	ng	97
11) bis(2-Chloroethyl)ether	6.70	93	336296	31.749	ng	96
12) 1,3-Dichlorobenzene	6.92	146	363707	30.886	ng	99
13) 1,4-Dichlorobenzene	6.99	146	372015	31.439	ng	99
14) 1,2-Dichlorobenzene	7.15	146	348373	31.727	ng	99
15) Benzyl Alcohol	7.11	79	297767	31.827	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.24	45	449228	29.818	ng	94
17) 2-Methylphenol	7.22	107	295457	32.089	ng	98
18) Hexachloroethane	7.49	117	114485	27.505	ng	99
19) n-Nitroso-di-n-propylamine	7.38	70	230024	29.725	ng	93
20) 3+4-Methylphenols	7.37	107	364937	31.232	ng	92
22) Acetophenone	7.38	105	465865	30.252	ng	# 93
24) Nitrobenzene	7.56	77	361933	35.879	ng	95
25) Isophorone	7.79	82	655658	32.963	ng	99
26) 2-Nitrophenol	7.87	139	166461	44.283	ng	93
27) 2,4-Dimethylphenol	7.90	122	311556	36.562	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	424957	35.282	ng	99
29) 2,4-Dichlorophenol	8.11	162	284821	36.739	ng	96
30) 1,2,4-Trichlorobenzene	8.19	180	291228	32.388	ng	98
31) Naphthalene	8.28	128	967978	31.980	ng	100
32) Benzoic acid	7.96	122	26145	13.356	ng	98
33) 4-Chloroaniline	8.32	127	178572	14.062	ng	93
34) Hexachlorobutadiene	8.39	225	153440	31.124	ng	98
35) Caprolactam	8.68	113	94625m	35.446	ng	
36) 4-Chloro-3-methylphenol	8.80	107	296864	34.735	ng	97
37) 2-Methylnaphthalene	8.97	142	630245	32.834	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	258394	34.910	ng	98
40) Hexachlorocyclopentadiene	9.12	237	101772	26.647	ng	98

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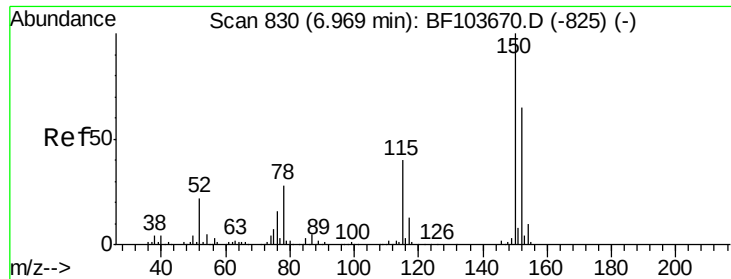
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	185315	39.143	nq	99
43) 2,4,5-Trichlorophenol	9.29	196	196231	36.723	nq	94
45) 1,1'-Biphenyl	9.43	154	719420	33.254	nq	98
46) 2-Chloronaphthalene	9.46	162	571888	33.282	nq	97
47) 2-Nitroaniline	9.55	65	177318	40.661	nq	97
48) Acenaphthylene	9.88	152	855999	32.126	nq	99
49) Dimethylphthalate	9.73	163	795923	40.210	nq	100
50) 2,6-Dinitrotoluene	9.79	165	146423	39.049	nq	97
51) Acenaphthene	10.05	154	516194	32.626	nq	100
52) 3-Nitroaniline	9.96	138	130388	29.969	nq	97
53) 2,4-Dinitrophenol	10.07	184	36813	46.505	nq	# 19
54) Dibenzofuran	10.22	168	748668	33.132	nq	99
55) 4-Nitrophenol	10.12	139	256120	71.253	nq	95
56) 2,4-Dinitrotoluene	10.20	165	186783	39.733	nq	90
57) Fluorene	10.56	166	567469	32.364	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	148547	39.232	nq	94
59) Diethylphthalate	10.43	149	649999	33.085	nq	98
60) 4-Chlorophenyl-phenylether	10.55	204	268626	33.522	nq	99
61) 4-Nitroaniline	10.58	138	144232	33.854	nq	91
62) Azobenzene	10.72	77	593055	29.691	nq	93
64) 4,6-Dinitro-2-methylphenol	10.60	198	34514	29.052	nq	91
65) n-Nitrosodiphenylamine	10.67	169	520423	36.133	nq	99
66) 4-Bromophenyl-phenylether	11.05	248	158973	36.592	nq	92
67) Hexachlorobenzene	11.12	284	170109	34.306	nq	# 88
68) Atrazine	11.20	200	158666	35.612	nq	97
69) Pentachlorophenol	11.31	266	176901	62.054	nq	97
70) Phenanthrene	11.53	178	773644	33.424	nq	99
71) Anthracene	11.59	178	801430	34.090	nq	99
72) Carbazole	11.74	167	750818	32.859	nq	99
73) Di-n-butylphthalate	12.06	149	950008	34.650	nq	99
74) Fluoranthene	12.73	202	755312	31.674	nq	97
76) Benzidine	12.85	184	442285	34.248	nq	98
77) Pyrene	12.96	202	742306	33.382	nq	99
79) Butylbenzylphthalate	13.56	149	369195	37.474	nq	99
80) Benzo(a)anthracene	14.15	228	628697	32.802	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	230748	35.992	nq	# 97
82) Chrysene	14.19	228	594537	32.541	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	514818	36.578	nq	99
84) Di-n-octyl phthalate	14.74	149	843910	41.215	nq	# 95
85) Indeno(1,2,3-cd)pyrene	17.27	276	552135	34.605	nq	98
87) Benzo(b)fluoranthene	15.24	252	600768	34.562	nq	98
88) Benzo(k)fluoranthene	15.27	252	508232	30.416	nq	99
89) Benzo(a)pyrene	15.63	252	527445	33.455	nq	98
90) Dibenzo(a,h)anthracene	17.29	278	469797	34.413	nq	98
91) Benzo(g,h,i)perylene	17.75	276	446577	33.625	nq	98

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



#1

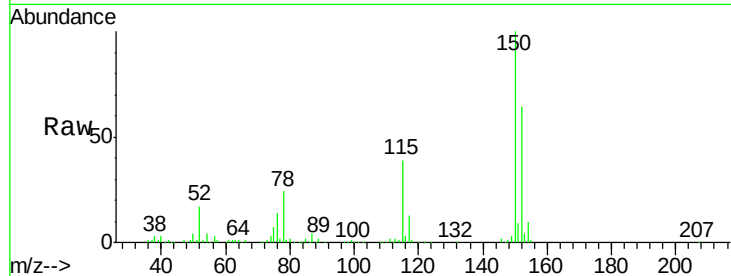
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	60.0	50.1	75.1

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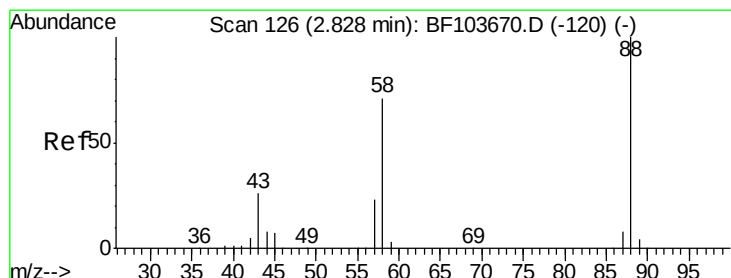
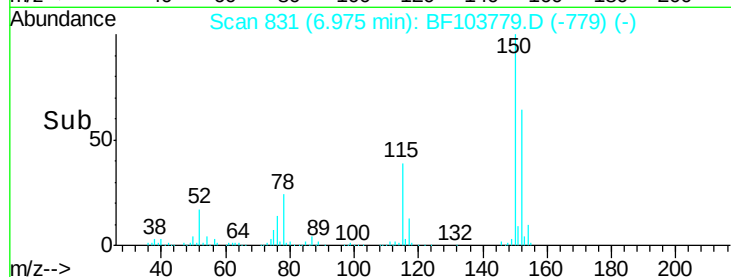
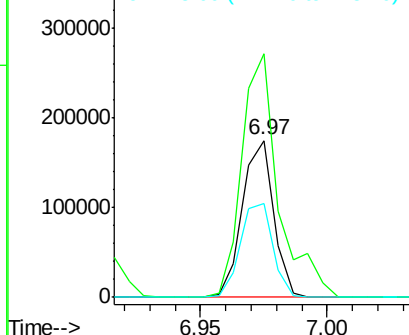


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

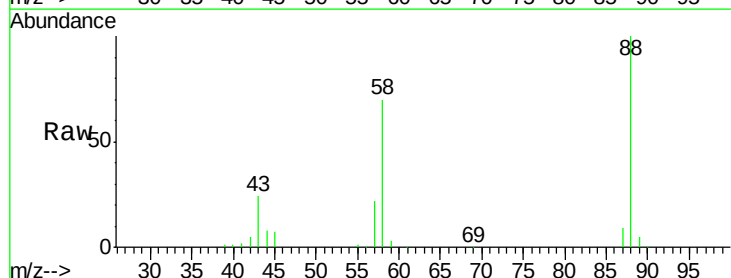
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.602 ng
RT: 2.88 min Scan# 135
Delta R.T. 0.05 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.2	62.6	93.8
43	24.7	24.6	37.0

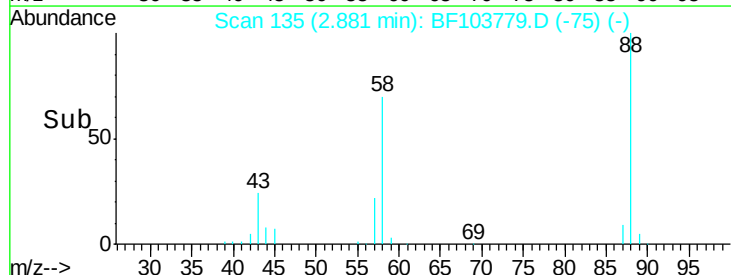
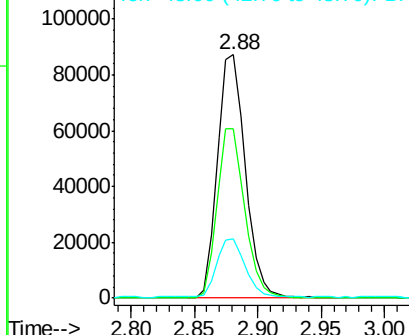


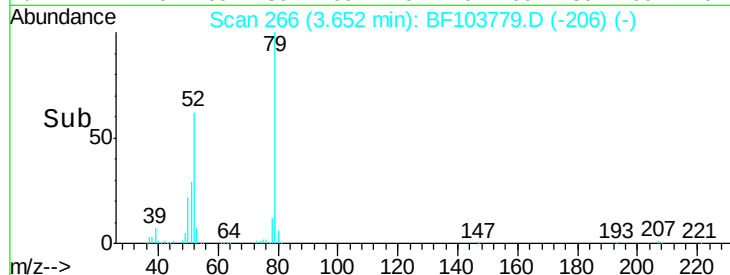
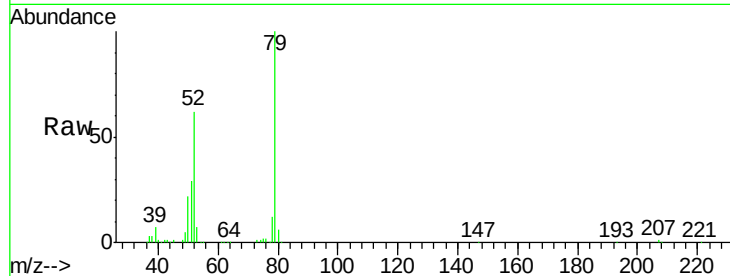
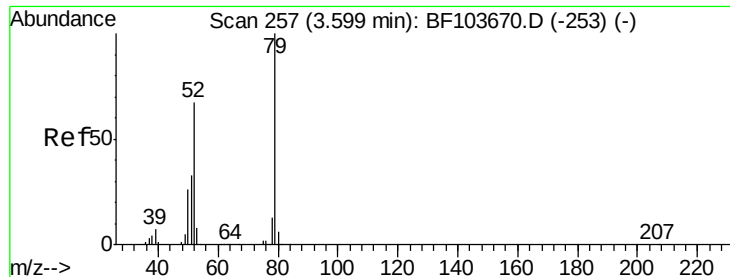
Abundance

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





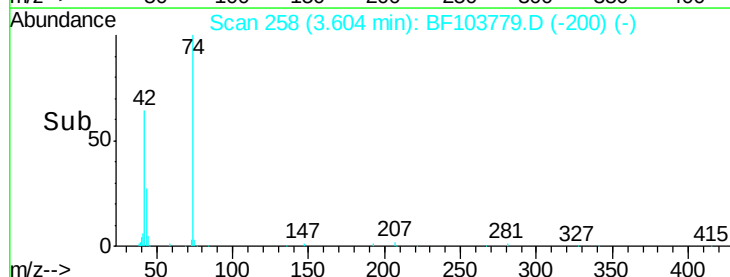
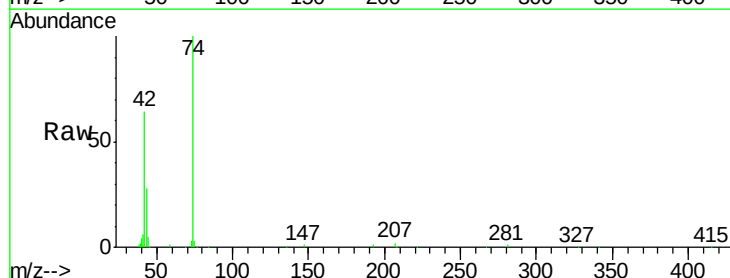
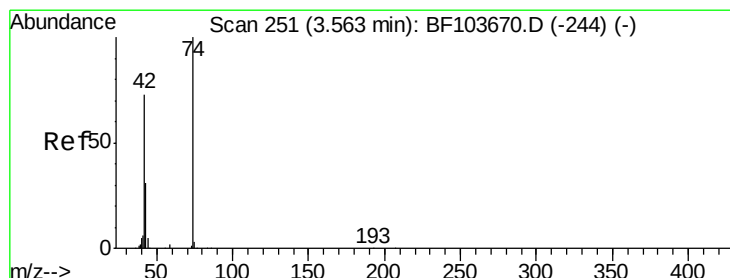
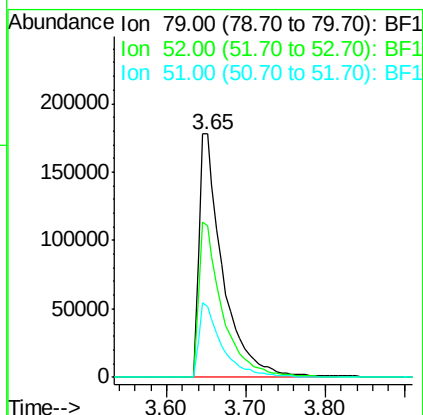
#3
 Pvridine
 Concen: 27.961 ng
 RT: 3.65 min Scan# 266
 Delta R.T. 0.05 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.2	59.8	89.6
51	29.0	29.8	44.8#

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

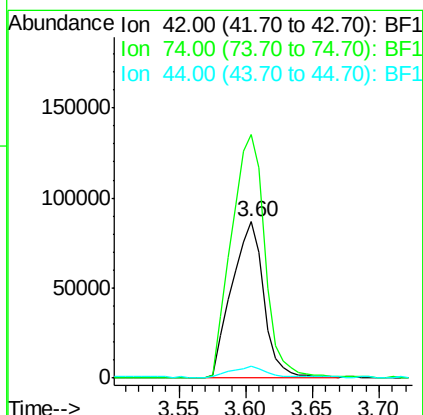
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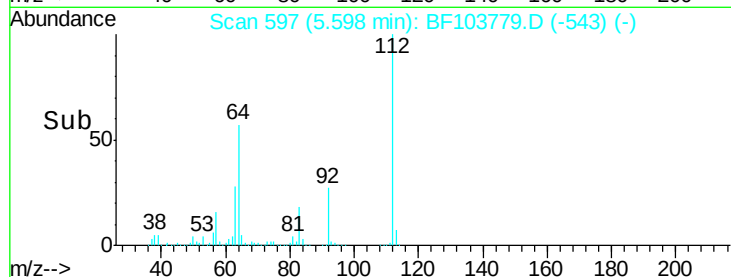
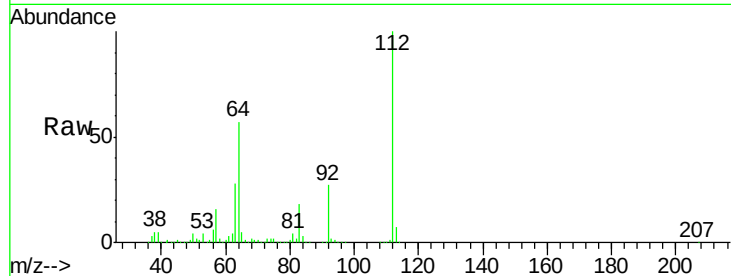
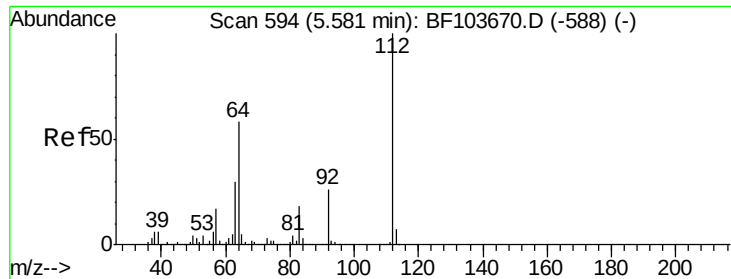
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#4
 n-Nitrosodimethylamine
 Concen: 29.647 ng
 RT: 3.60 min Scan# 258
 Delta R.T. 0.04 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	155.8	104.9	157.3
44	8.0	6.9	10.3





#5

2-Fluorophenol

Concen: 93.766 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.02 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Tot Ion:	112	Resp:	925458
Ion Ratio	Lower	Upper	
112	100		
64	56.7	47.9	71.9
63	28.0	23.7	35.5

Instrument :

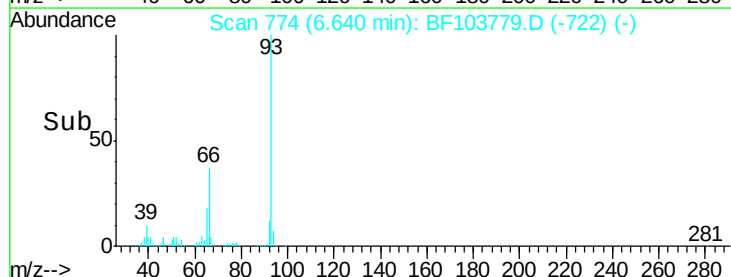
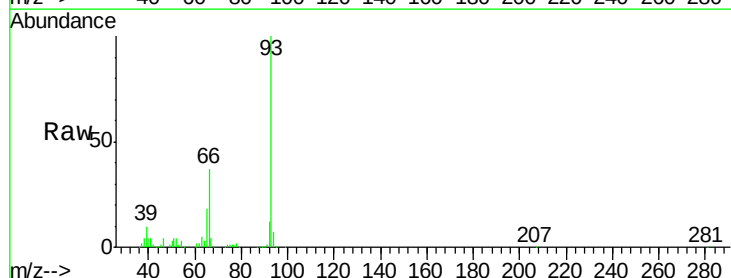
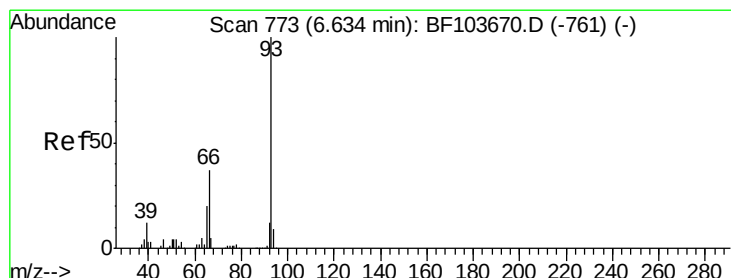
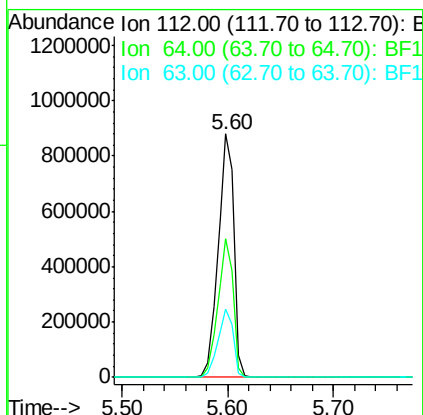
BNA_F

ClientSampleId :

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

Manual Integrations
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#6

Aniline

Concen: 19.801 ng

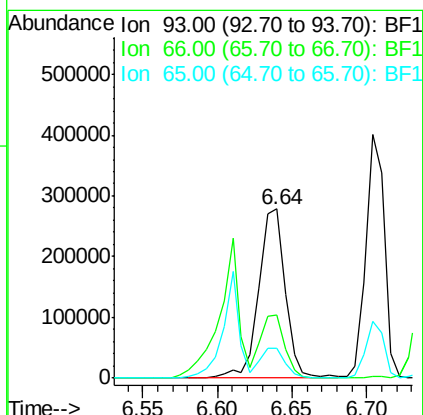
RT: 6.64 min Scan# 774

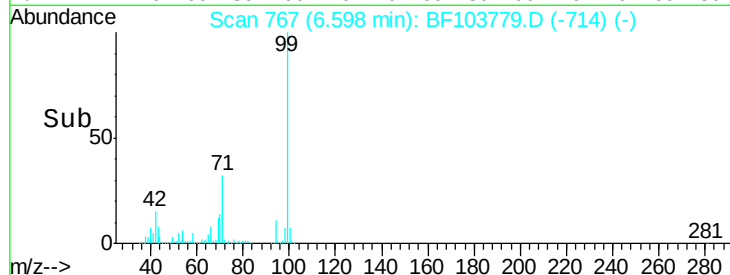
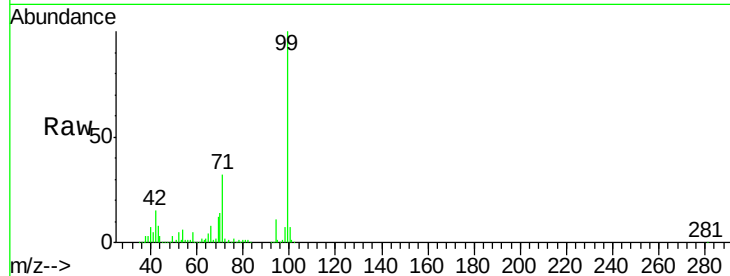
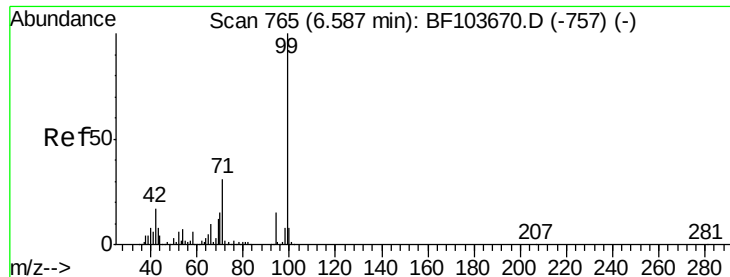
Delta R.T. 0.01 min

Lab File: BF103779.D

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Tgt Ion:	93	Resp:	341422
Ion Ratio	Lower	Upper	
93	100		
66	37.2	32.2	48.2
65	18.0	16.4	24.6





#7

Phenol-d6

Concen: 94.628 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Tot Ion: 99 Resp: 1142638

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

71 31.7 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

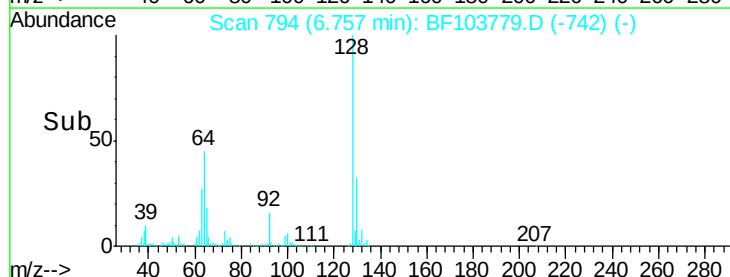
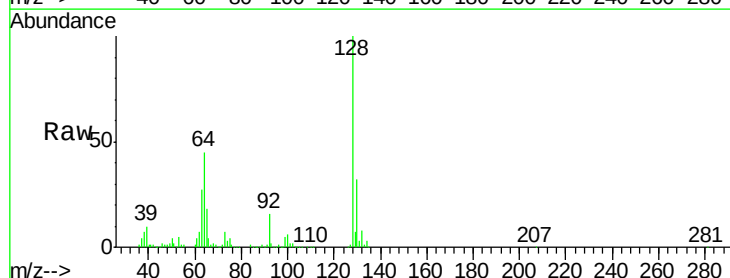
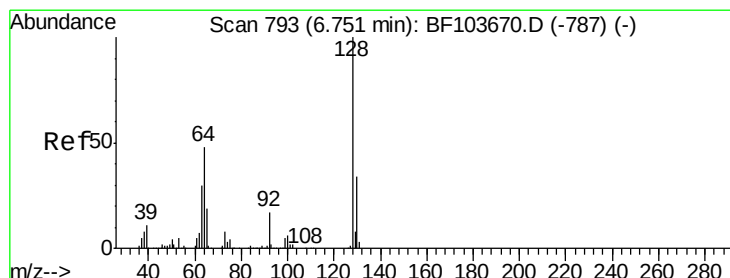
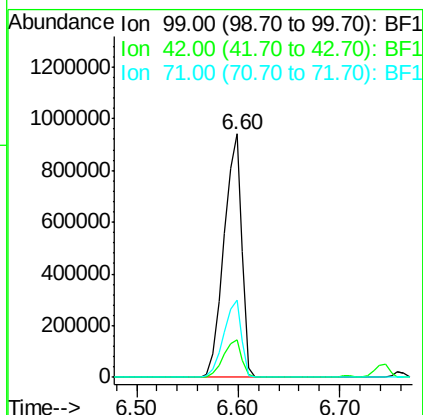
ES-6-SA-1-WW@2MSD

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#8

2-Chlorophenol

Concen: 34.262 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

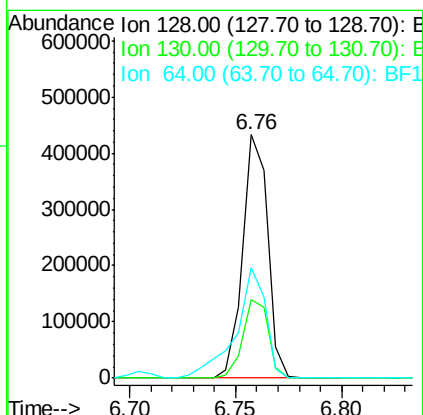
Tgt Ion: 128 Resp: 354245

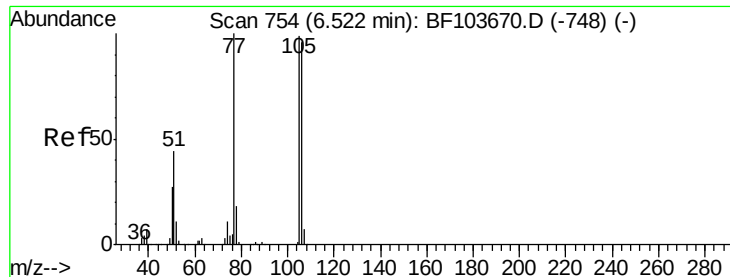
Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

64 45.4 29.4 69.4





#9

Benzaldehyde

Concen: 14.737 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

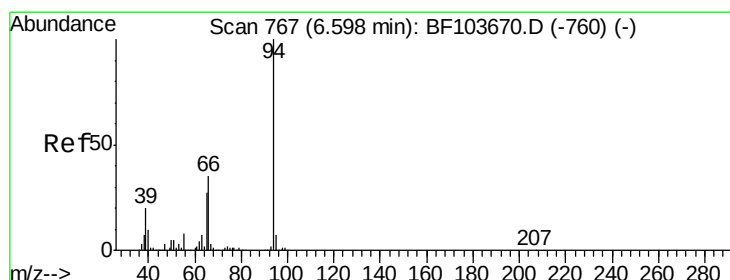
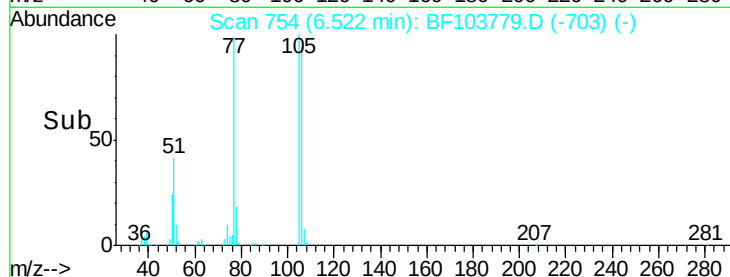
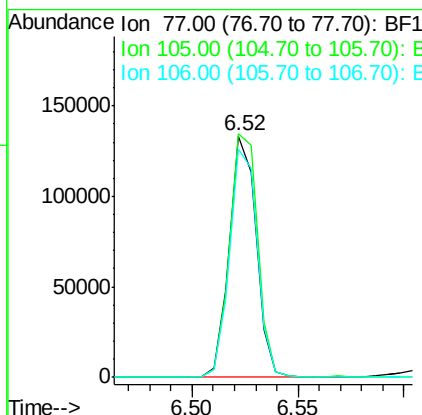
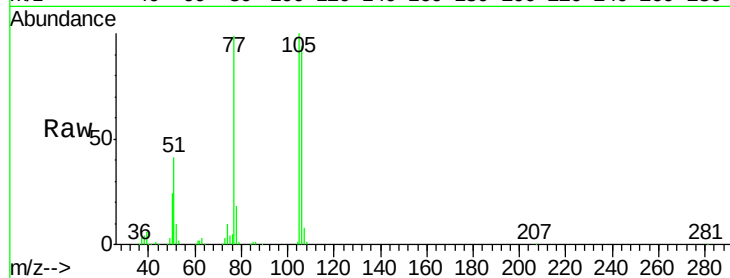
ClientSampleId :

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

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	101.0	81.1	121.1	
106	94.6	74.5	114.5	

Manual Integrations
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#10

Phenol

Concen: 37.692 ng

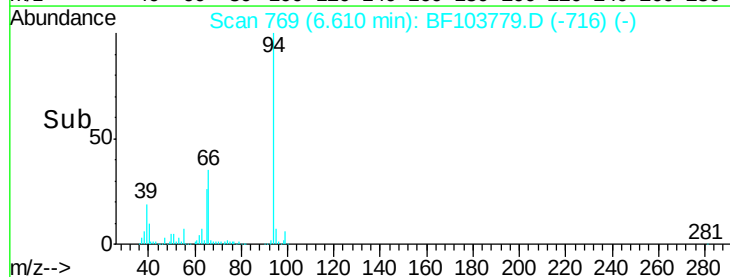
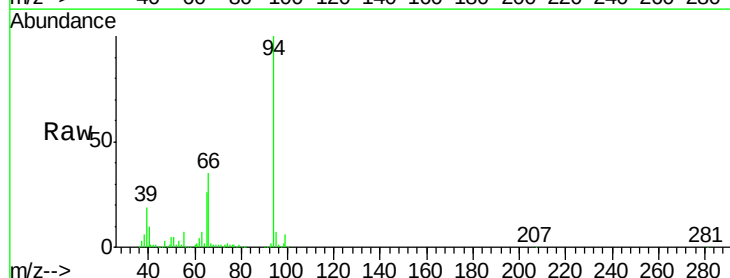
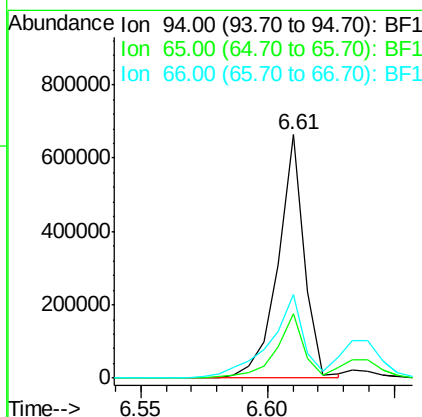
RT: 6.61 min Scan# 769

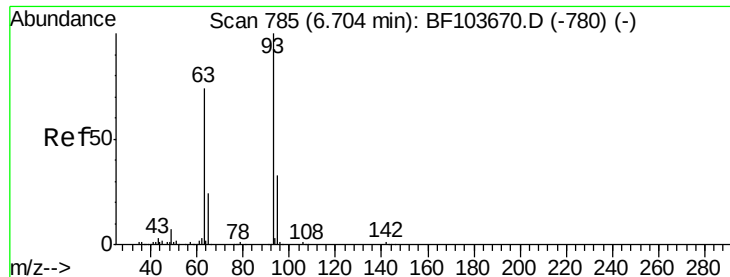
Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	26.4	7.9	47.9	
66	34.6	16.2	56.2	





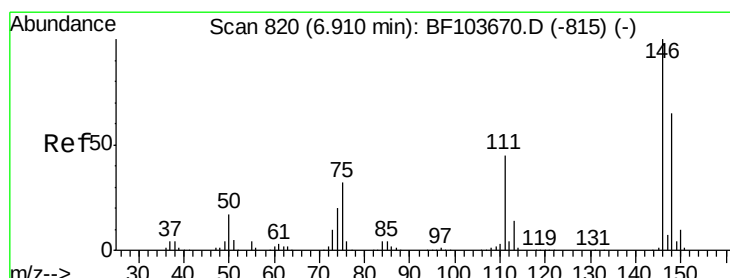
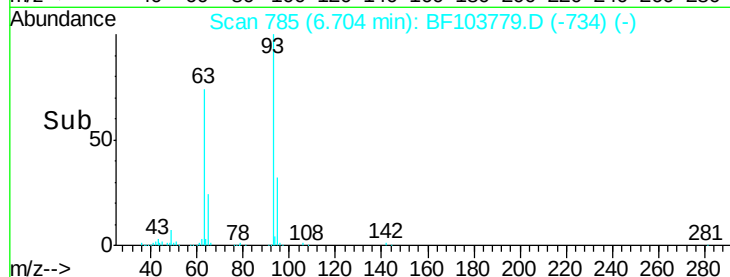
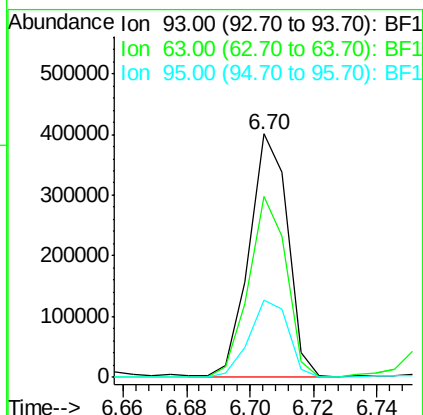
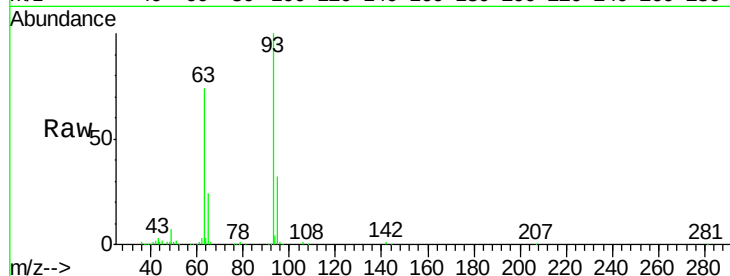
#11
bis(2-Chloroethyl)ether
Concen: 31.749 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.3	58.6	98.6
95	31.9	11.8	51.8

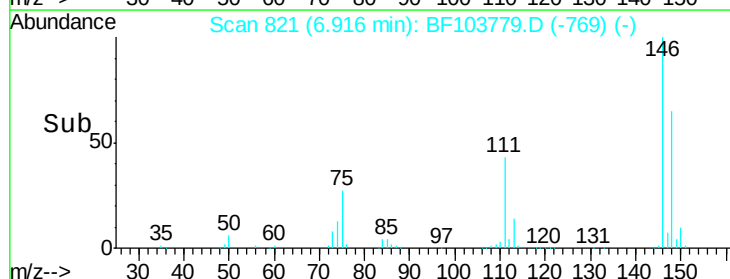
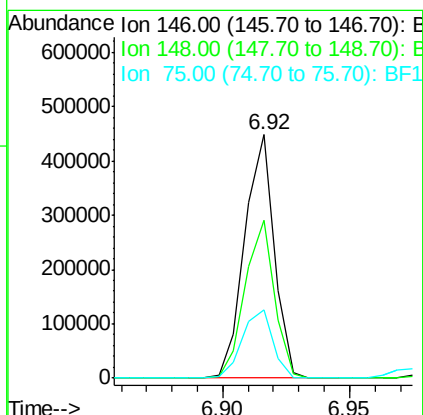
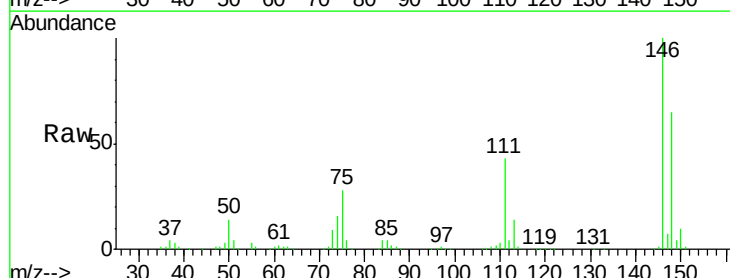
Manual Integrations
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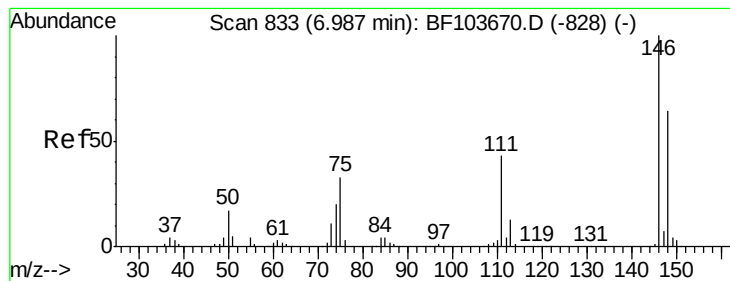
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#12
1,3-Dichlorobenzene
Concen: 30.886 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
75	28.3	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 31.439 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

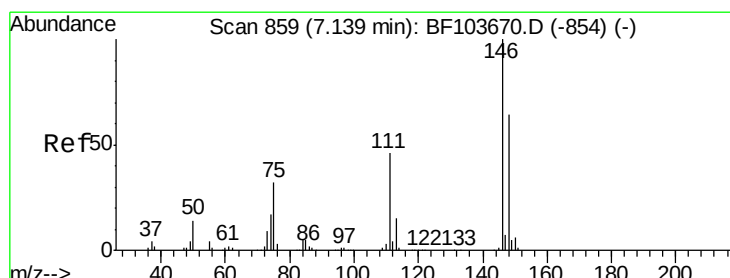
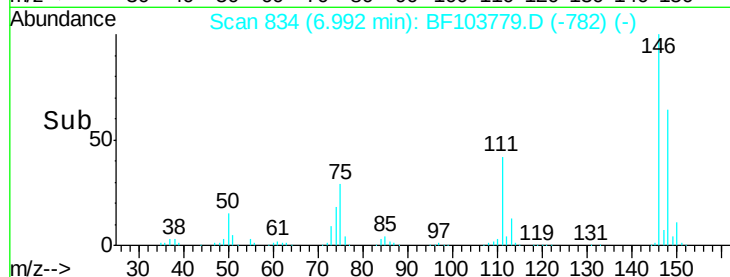
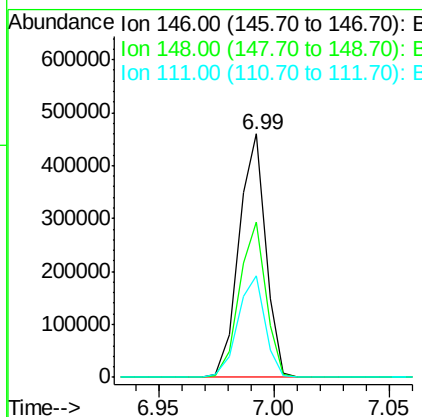
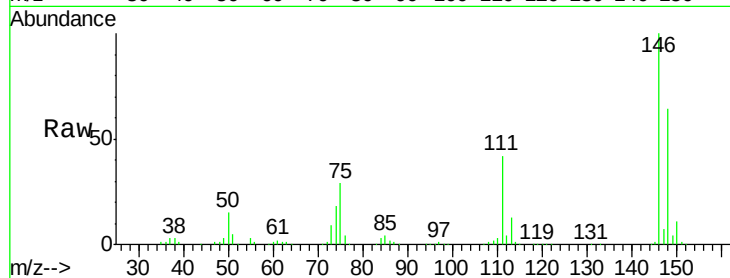
ClientSampleId :

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

Tot Ion:	146	Resp:	372015
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.8	76.2
111	41.5	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 31.727 ng

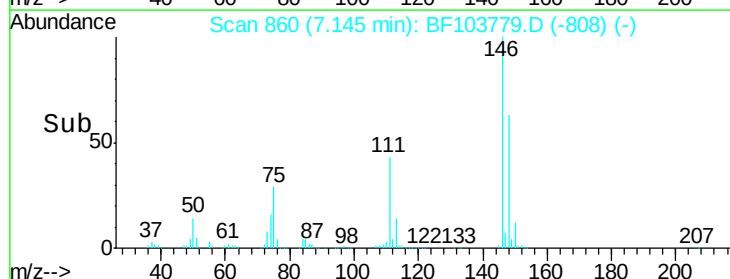
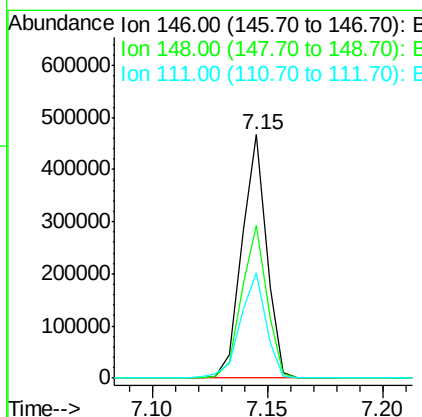
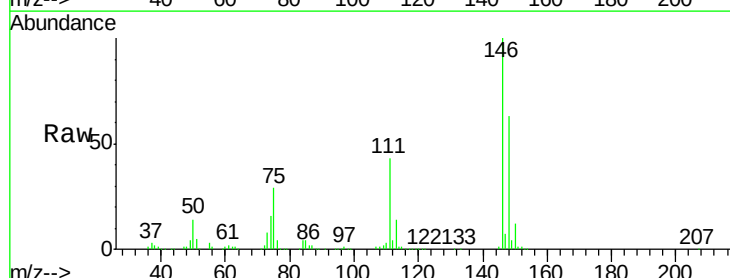
RT: 7.15 min Scan# 860

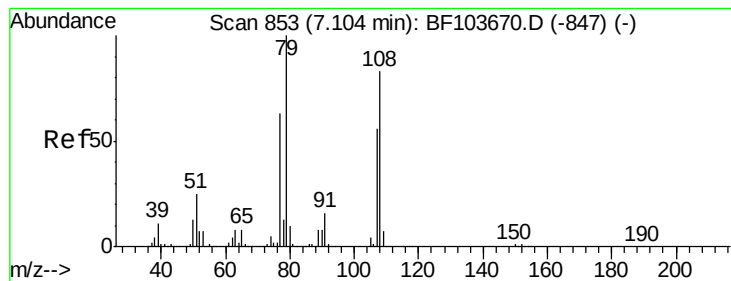
Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Tgt Ion:	146	Resp:	348373
Ion Ratio	Lower	Upper	
146	100		
148	62.9	50.6	75.8
111	43.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 31.827 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

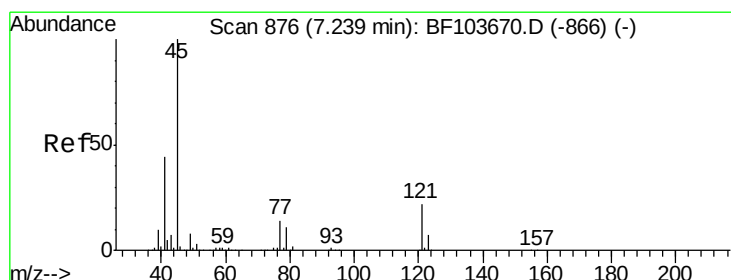
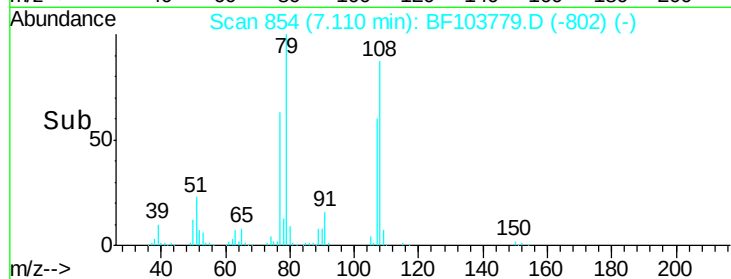
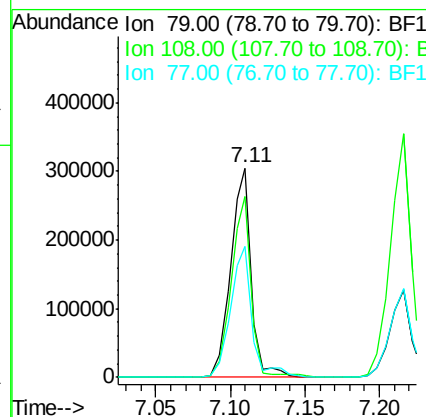
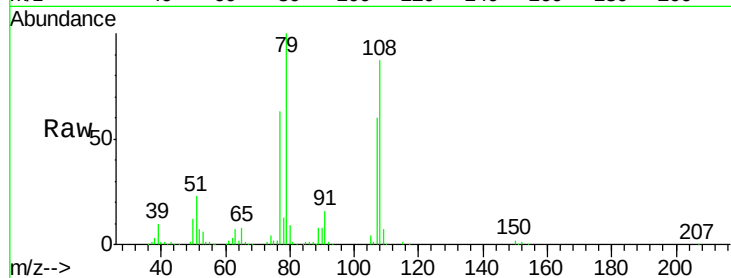
ClientSampleId :

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		297767		
108	86.7	65.1	97.7		
77	62.7	50.6	75.8		

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#16

2,2'-oxybis(1-chloropropane)

Concen: 29.818 ng

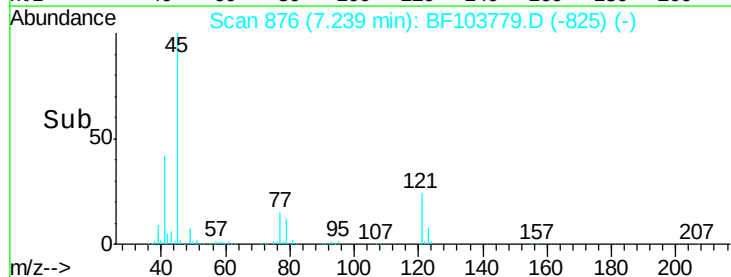
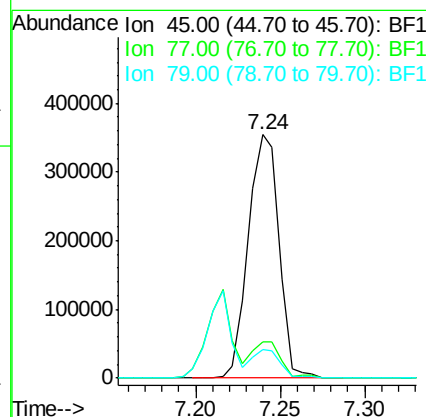
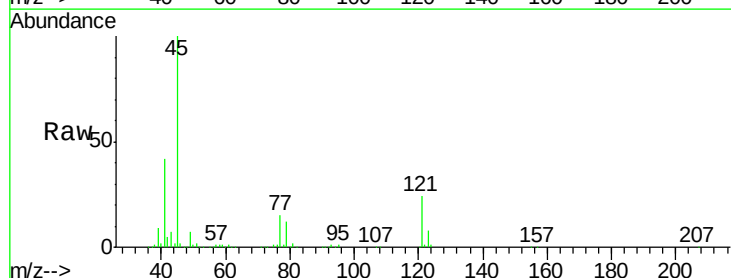
RT: 7.24 min Scan# 876

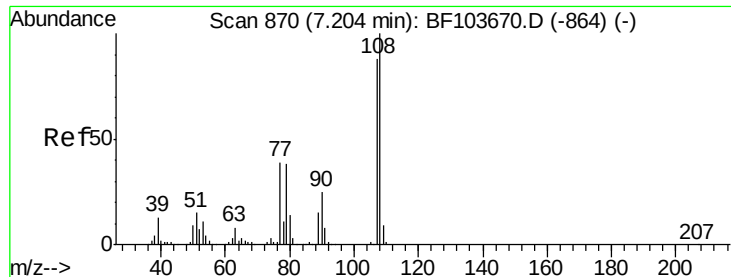
Delta R.T. 0.00 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100		449228		
77	15.1	0.0	32.9		
79	11.8	0.0	29.6		





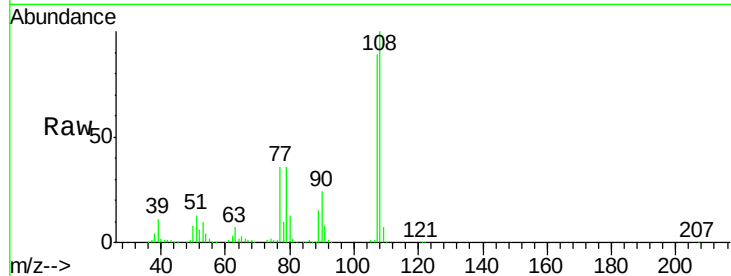
#17
2-Methylphenol
Concen: 32.089 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

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

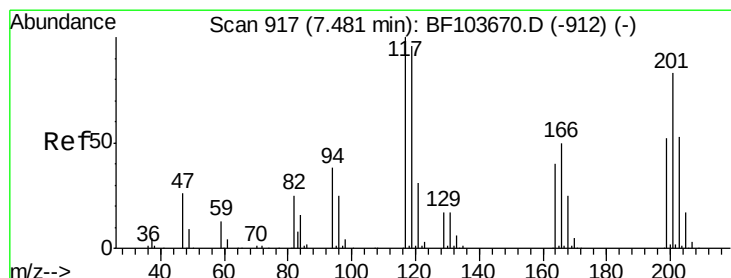
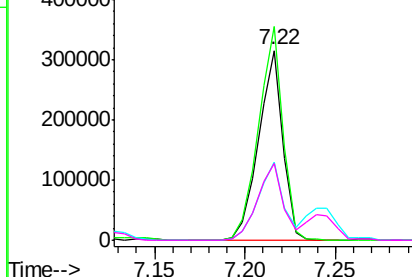
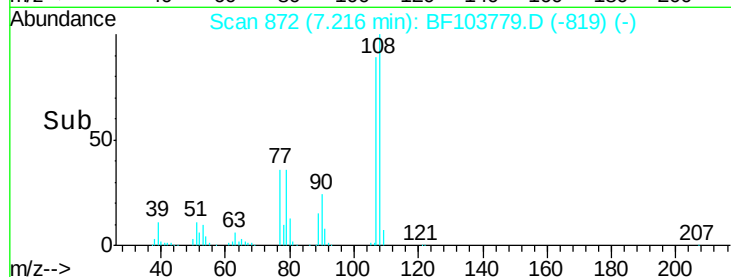
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	91.7	137.5	
77	40.9	33.8	50.8	
79	40.2	33.8	50.8	

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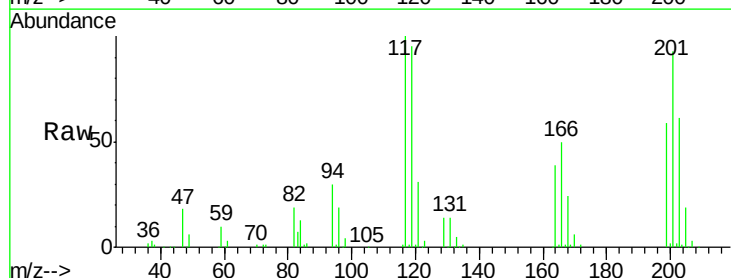


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

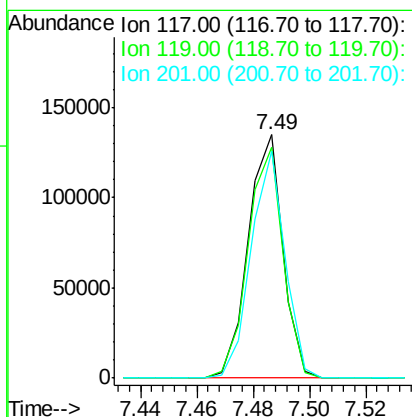
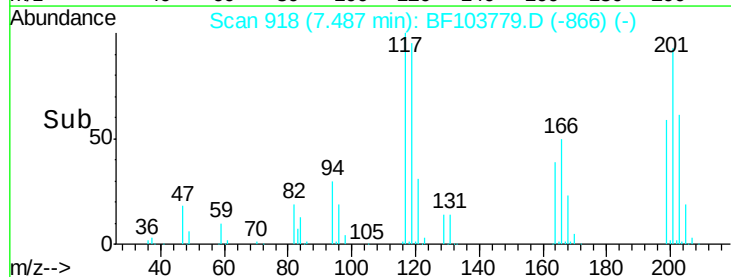


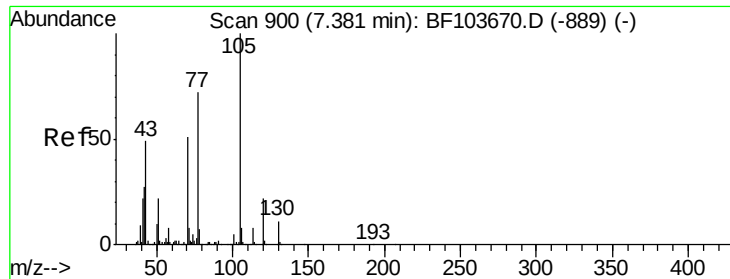
#18
Hexachloroethane
Concen: 27.505 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.7	75.8	113.8	
201	93.3	75.7	113.5	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





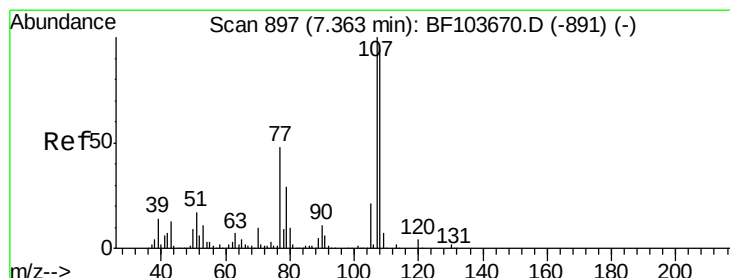
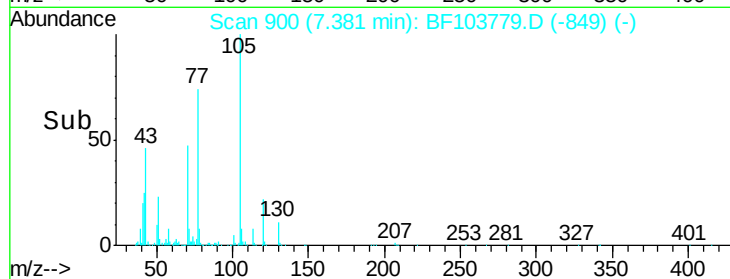
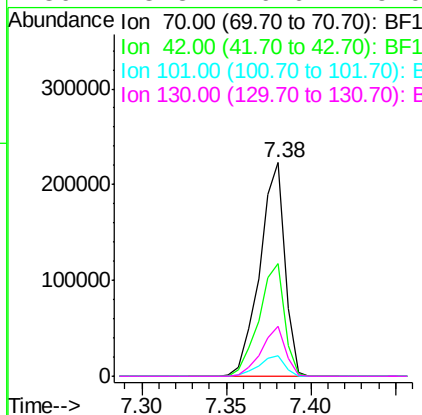
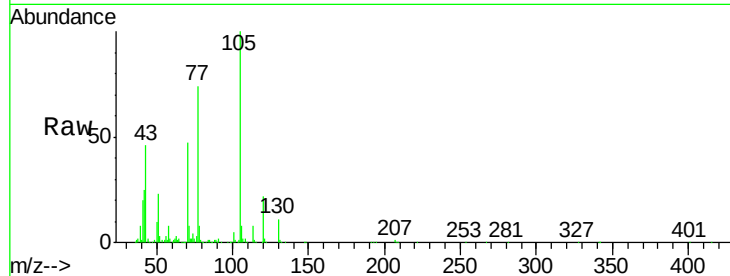
#19
n-Nitroso-di-n-propylamine
Concen: 29.725 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

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

Tot Ion	70	Resp	230024
Ion	Ratio	Lower	Upper
70	100		
42	52.6	47.5	71.3
101	9.8	7.4	11.2
130	23.3	16.6	25.0

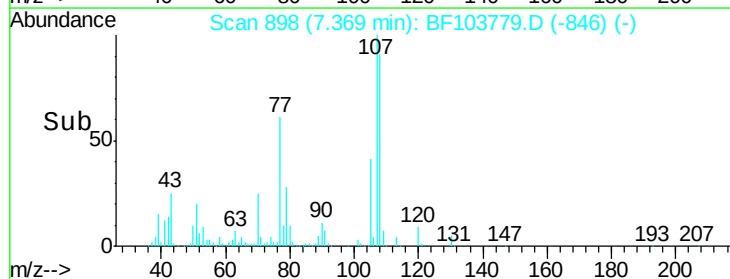
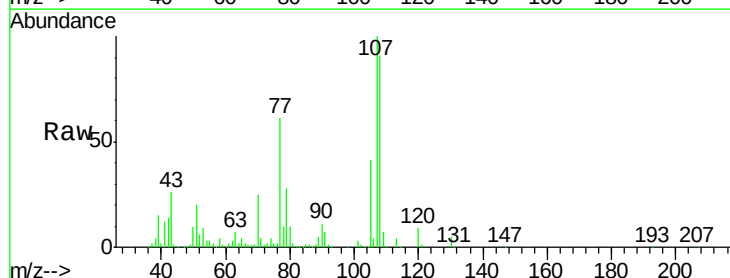
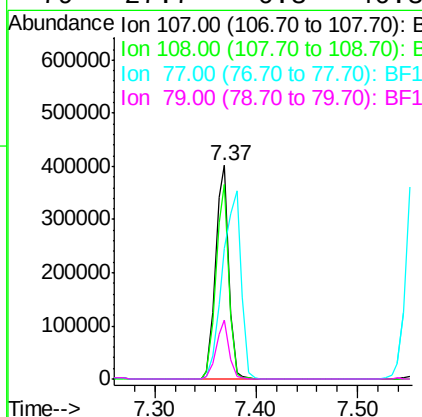
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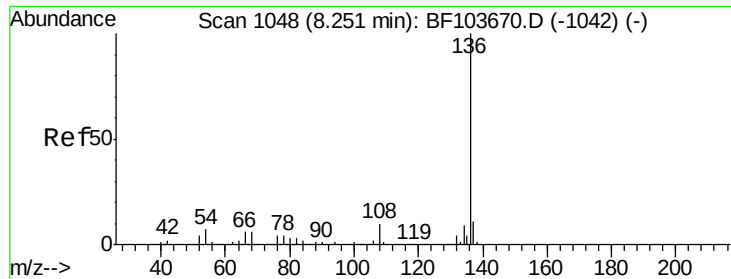
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#20
3+4-Methylphenols
Concen: 31.232 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion	107	Resp	364937
Ion	Ratio	Lower	Upper
107	100		
108	90.9	68.2	108.2
77	61.3	26.7	66.7
79	27.7	6.3	46.3





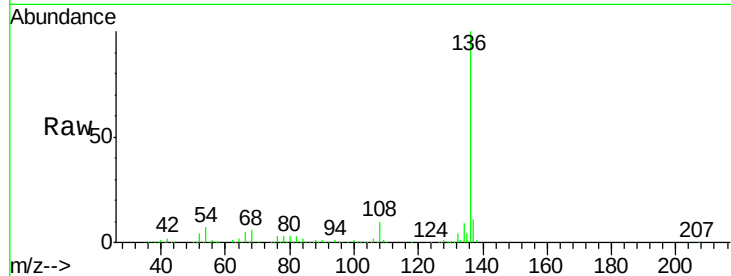
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.9	13.3	
54	6.7	6.6	9.8	
68	6.2	5.0	7.4	

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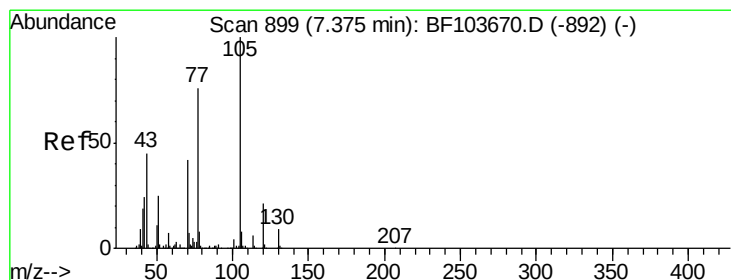
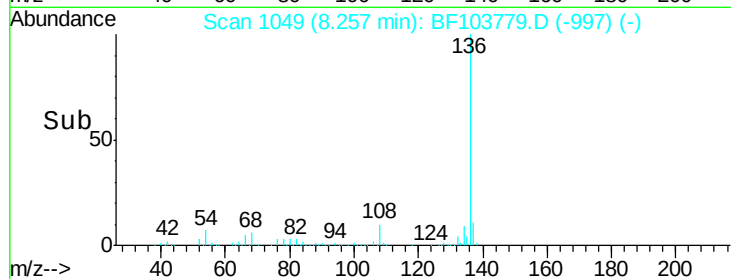
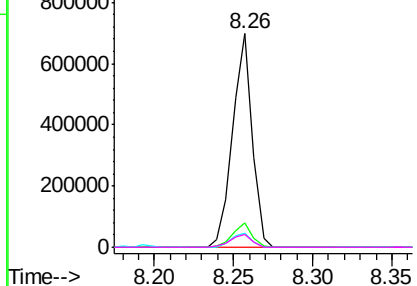
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 30.252 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.1	4.4	6.6#	
51	22.6	22.3	33.5	
120	22.1	16.9	25.3	

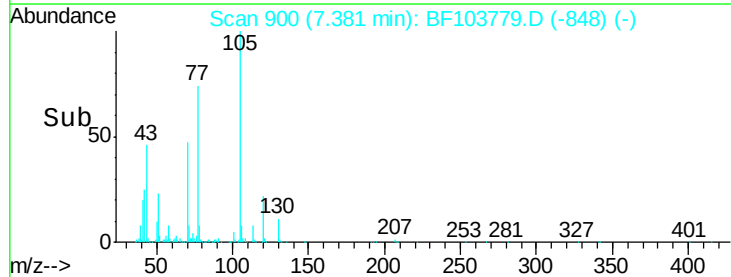
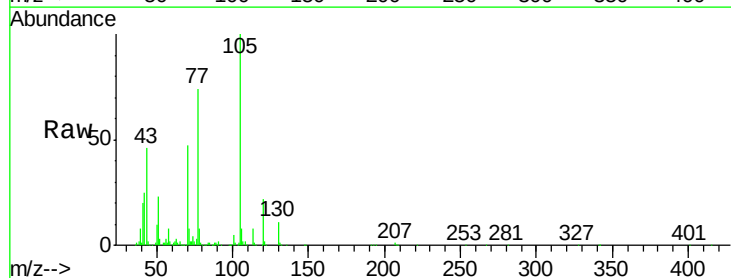
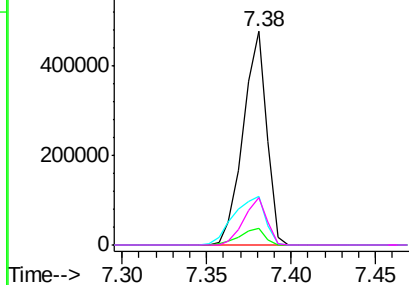
Abundance

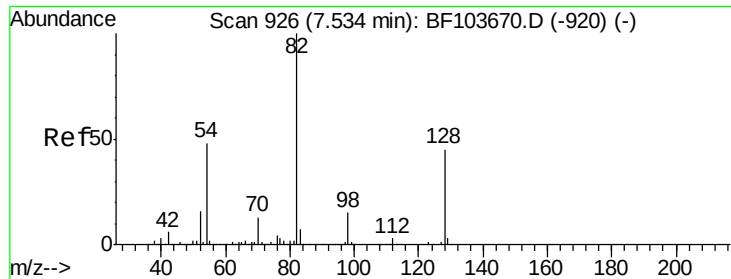
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





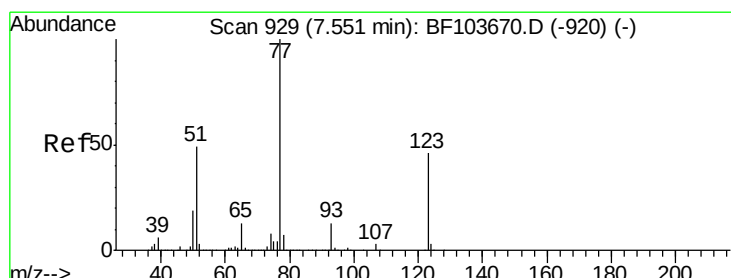
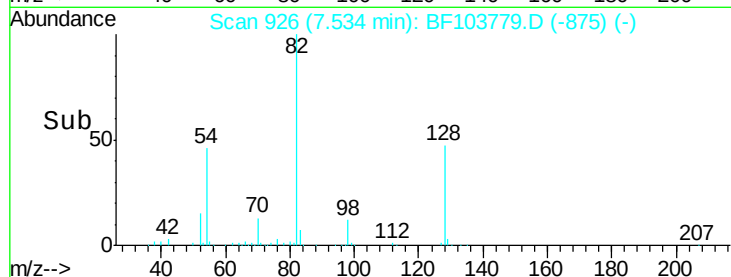
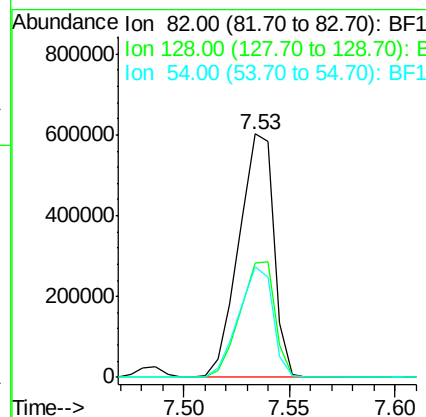
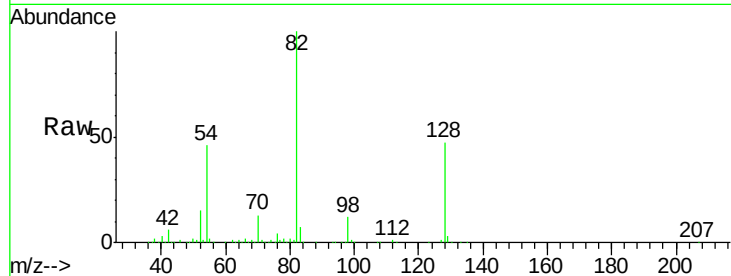
#23
Nitrobenzene-d5
Concen: 80.489 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	36.1	54.1
54	45.6	41.4	62.2

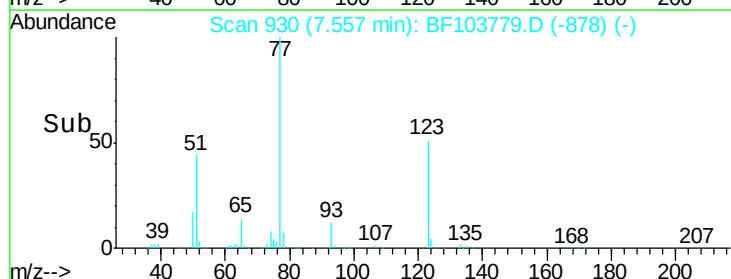
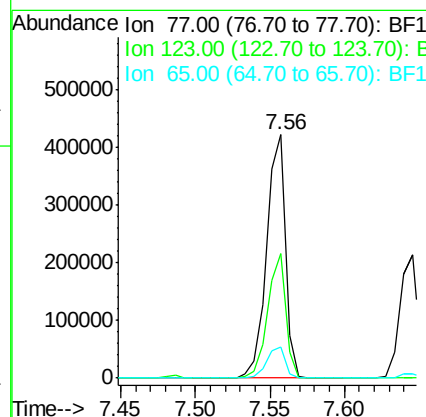
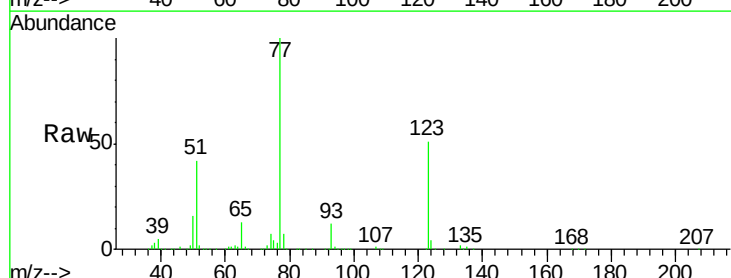
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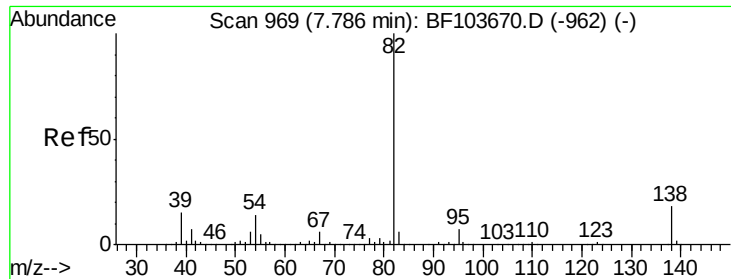
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#24
Nitrobenzene
Concen: 35.879 ng
RT: 7.56 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.4	37.9	56.9
65	13.0	11.0	16.4





#25

Isophorone

Concen: 32.963 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

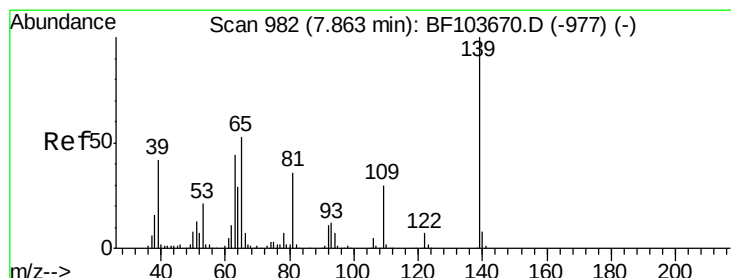
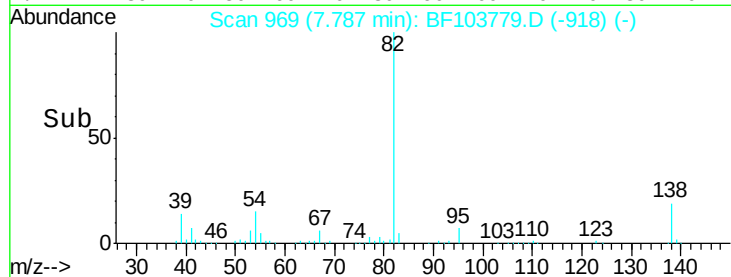
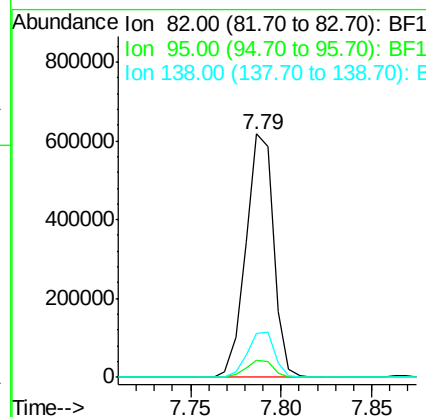
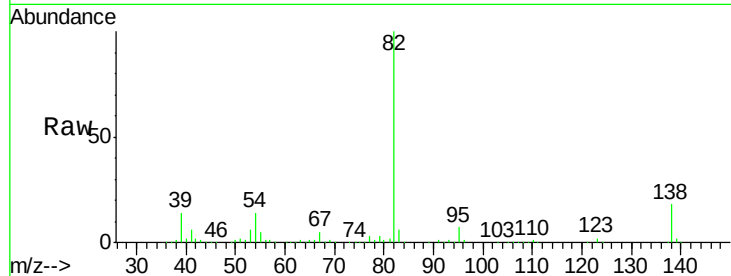
ClientSampleId :

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

Tot Ion:	82	Resp:	655658
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	18.0	14.9	22.3

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#26

2-Nitrophenol

Concen: 44.283 ng

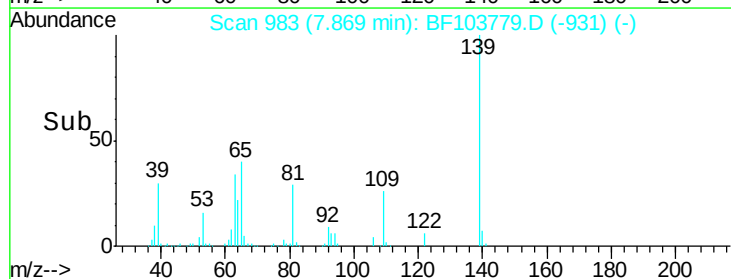
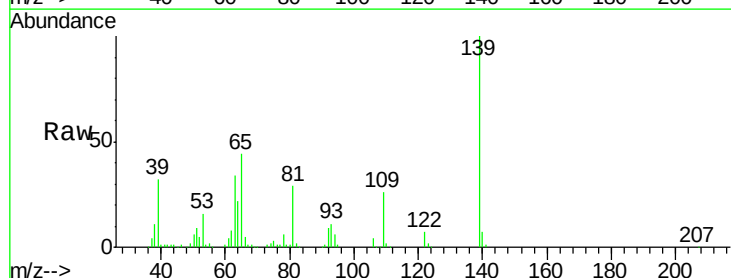
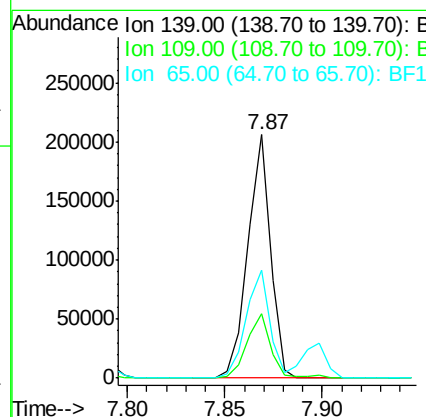
RT: 7.87 min Scan# 983

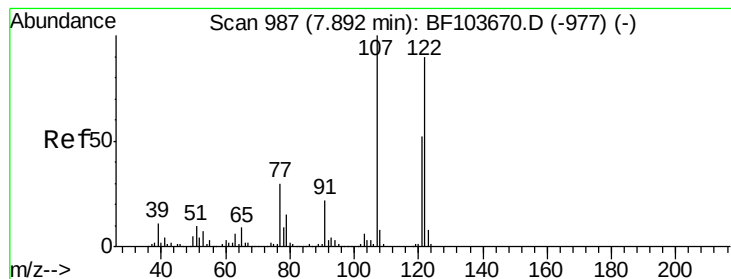
Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Tgt Ion:	139	Resp:	166461
Ion Ratio	Lower	Upper	
139	100		
109	26.2	22.7	34.1
65	44.2	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 36.562 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

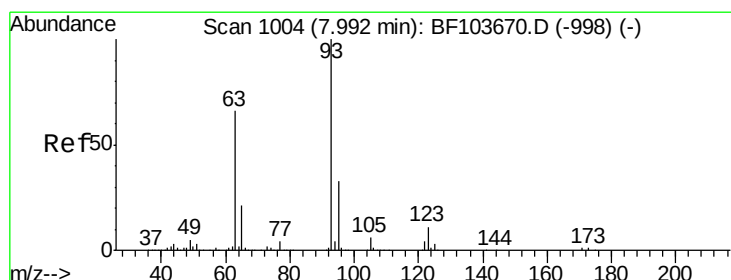
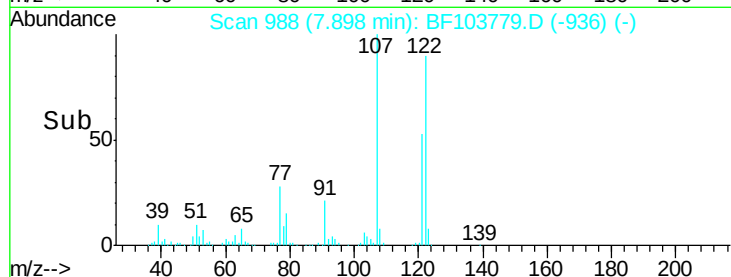
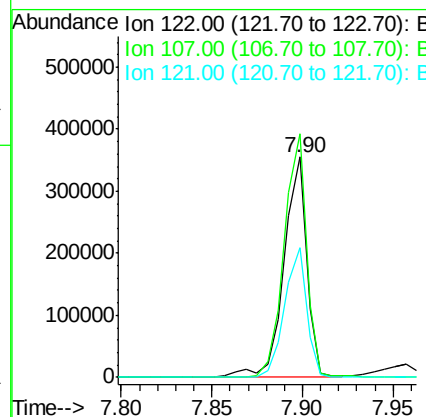
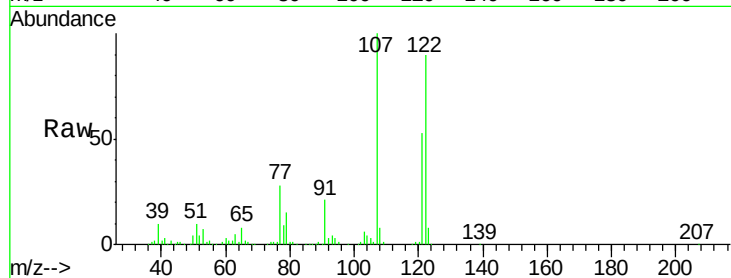
ClientSampleId :

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

Tot Ion:	122	Resp:	311556
Ion Ratio	Lower	Upper	
122	100		
107	110.6	91.2	136.8
121	58.7	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 35.282 ng

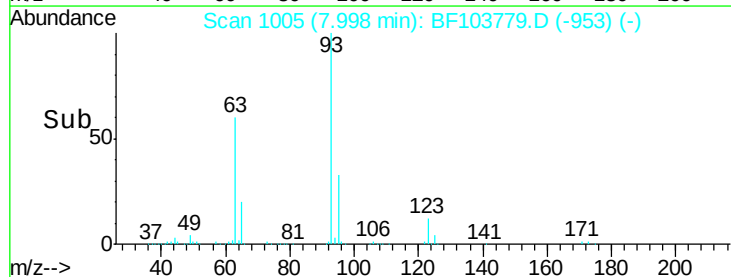
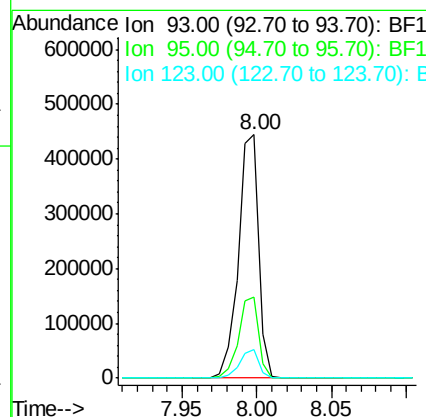
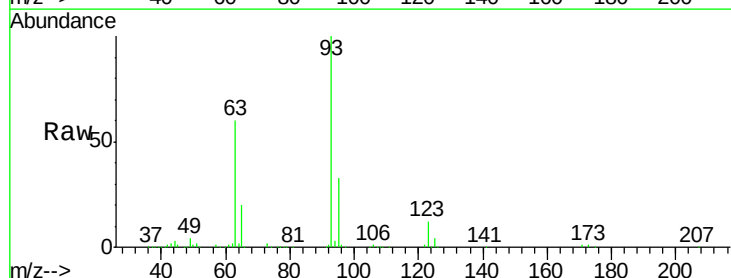
RT: 8.00 min Scan# 1005

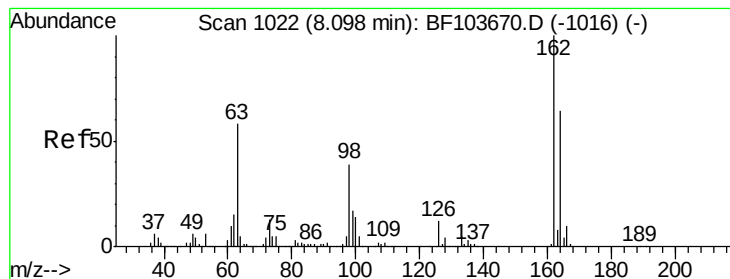
Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Tgt Ion:	93	Resp:	424957
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.3	39.5
123	11.7	9.8	14.6





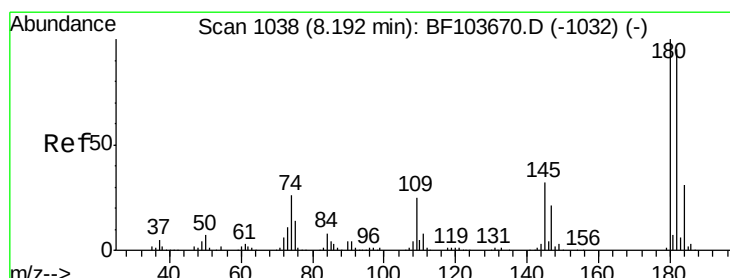
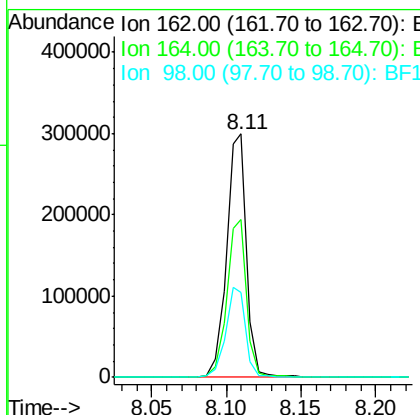
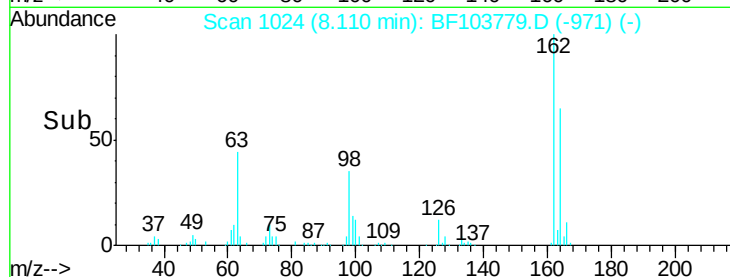
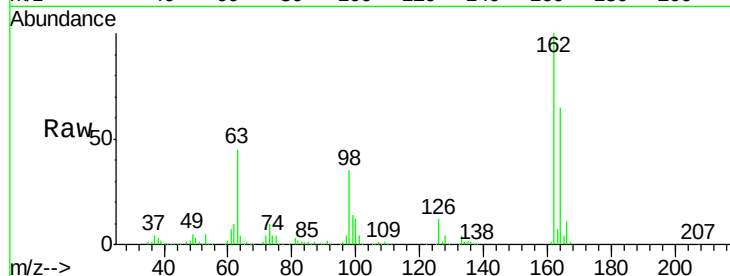
#29
 2,4-Dichlorophenol
 Concen: 36.739 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

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

Tot Ion:	162	Resp:	284821
Ion Ratio	Lower	Upper	
162	100		
164	65.0	42.7	82.7
98	34.7	18.1	58.1

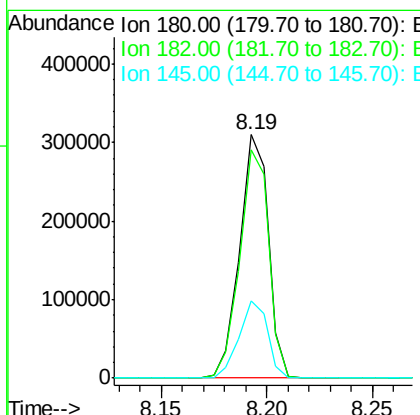
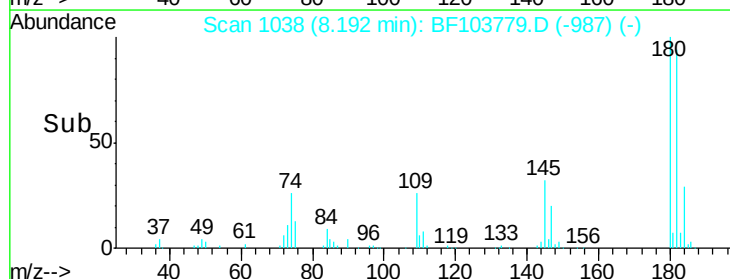
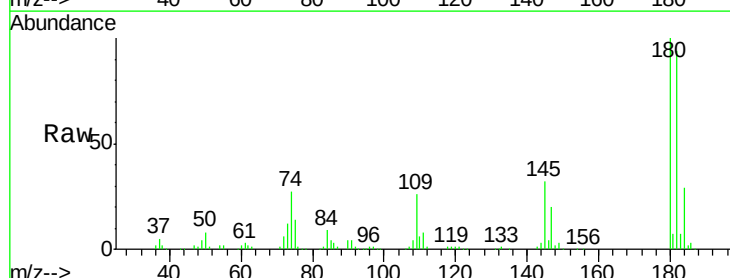
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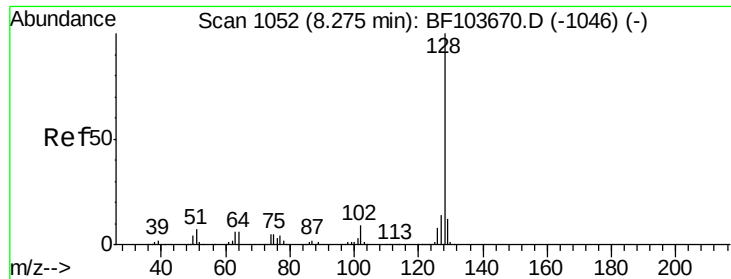
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#30
 1,2,4-Trichlorobenzene
 Concen: 32.388 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

Tgt Ion:	180	Resp:	291228
Ion Ratio	Lower	Upper	
180	100		
182	93.9	76.8	115.2
145	31.9	26.5	39.7





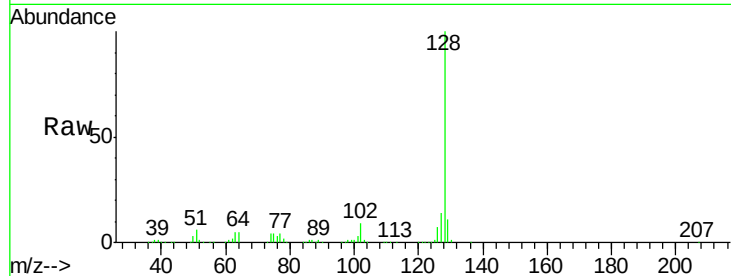
#31
Naphthalene
Concen: 31.980 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

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

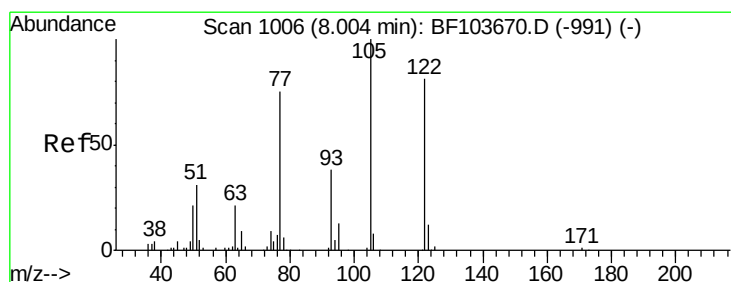
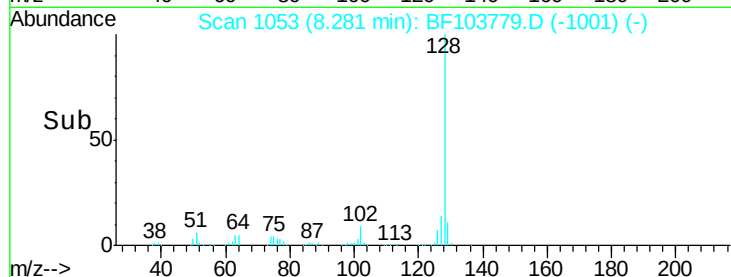
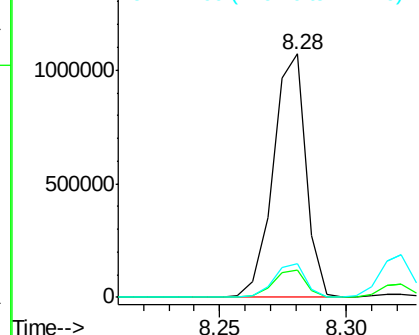
Tot Ion	Ratio	Resp	Lower	Upper
128	100	967978		
129	11.1		8.8	13.2
127	13.6		10.9	16.3

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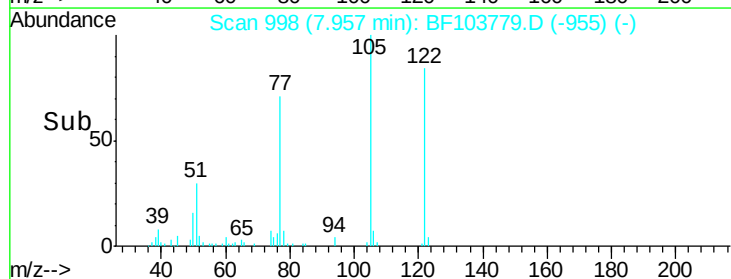
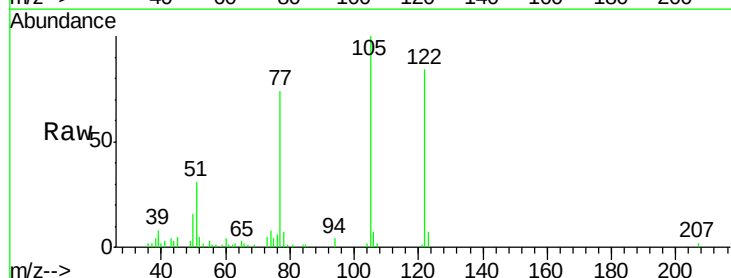
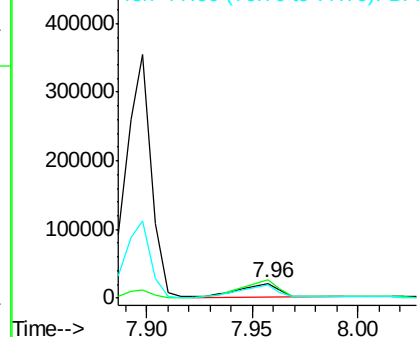
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

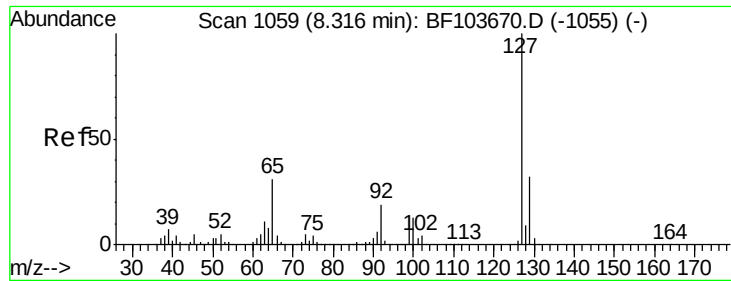


#32
Benzoic acid
Concen: 13.356 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.05 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	26145		
105	119.6		101.1	141.1
77	88.9		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





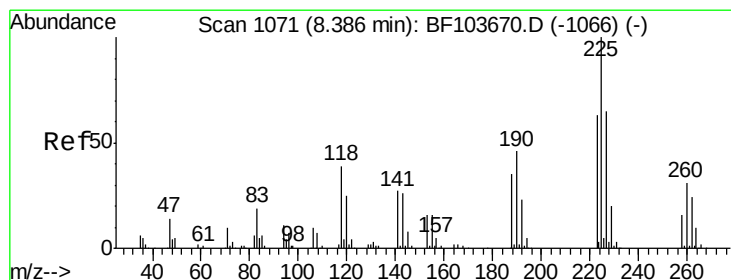
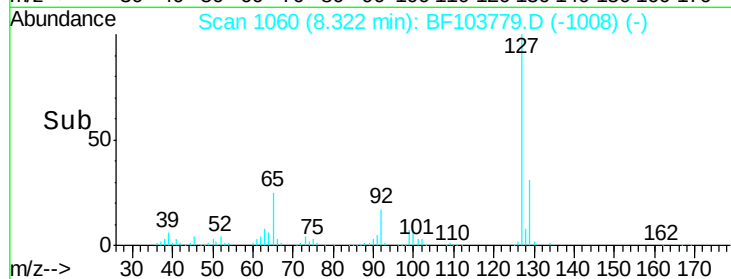
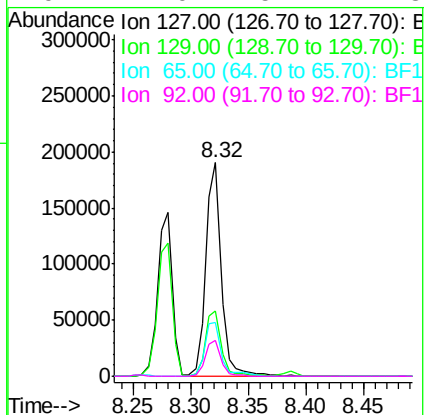
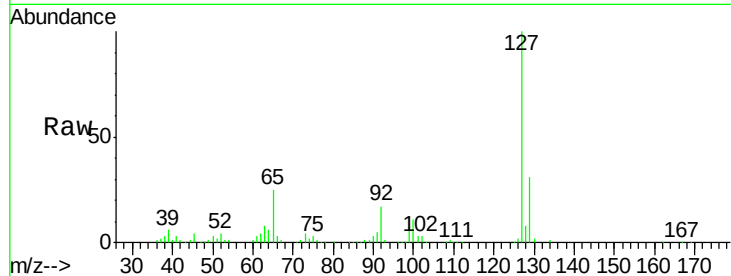
#33
4-Chloroaniline
Concen: 14.062 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

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

Tot Ion	Ratio	Resp	Lower	Upper
127	100	178572		
129	30.6	25.9	38.9	
65	25.0	25.0	37.4	
92	17.0	15.2	22.8	

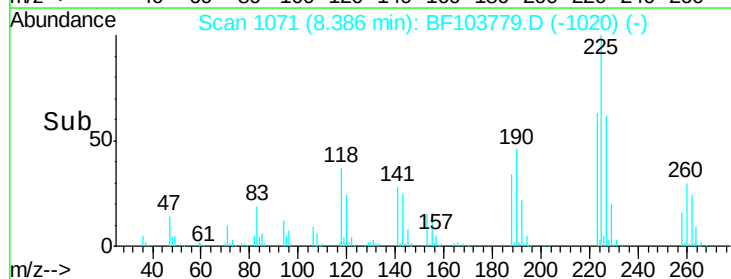
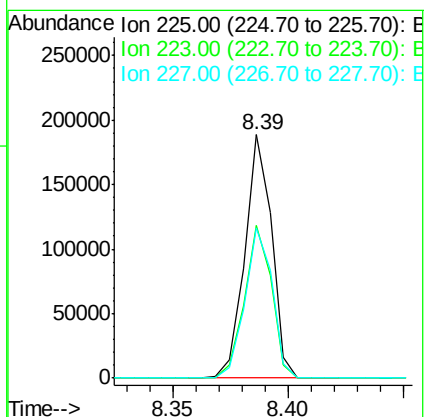
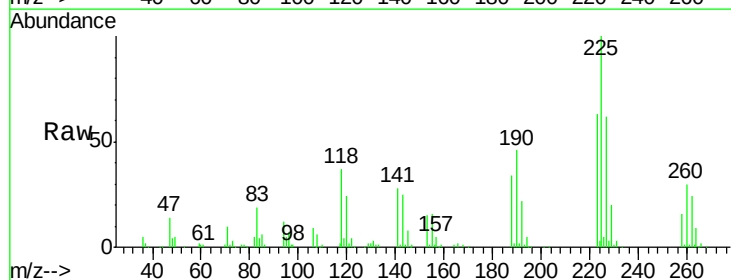
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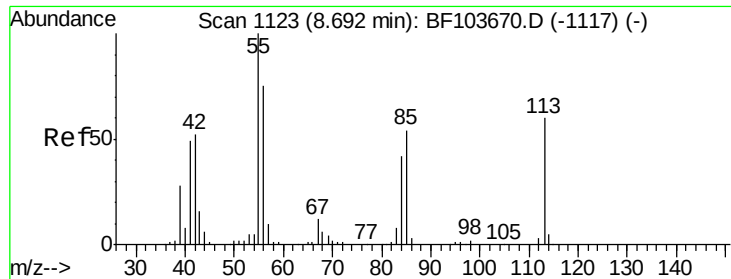
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#34
Hexachlorobutadiene
Concen: 31.124 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	153440		
223	63.0	50.6	76.0	
227	61.6	51.9	77.9	





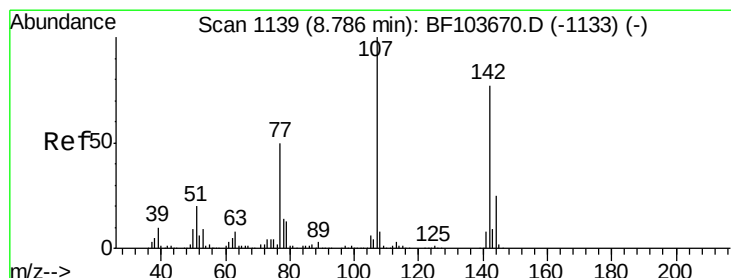
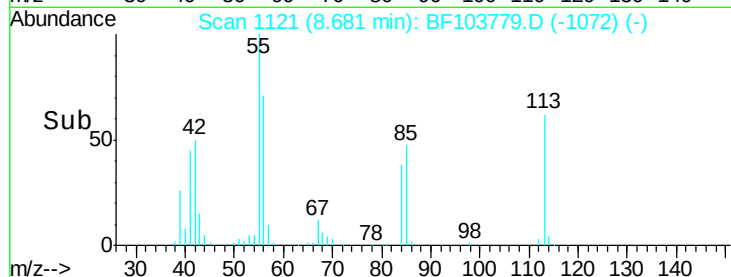
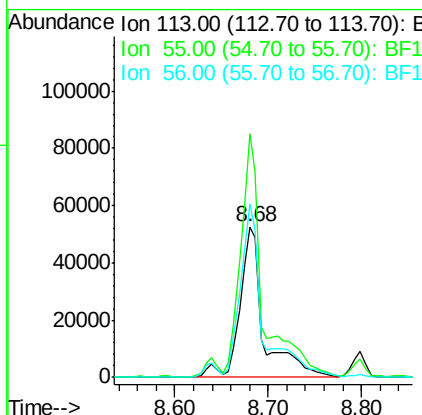
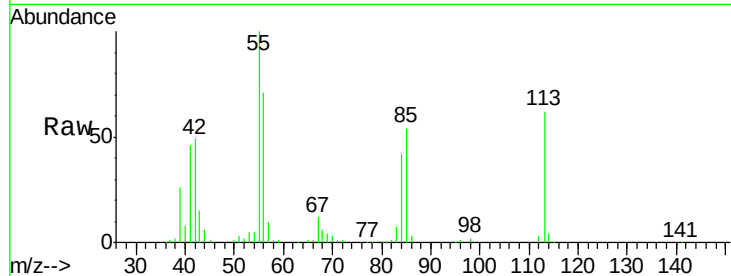
#35
 Caprolactam
 Concen: 35.446 ng/ml
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	161.9	163.3	203.3#
56	114.9	115.7	155.7#

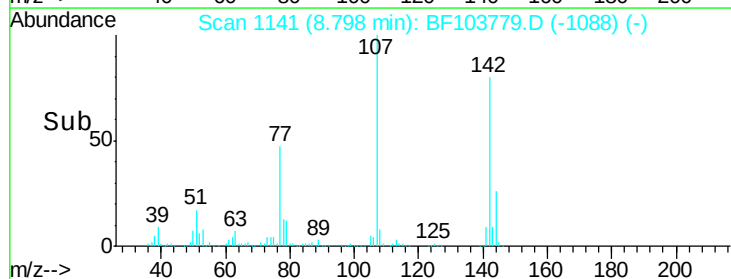
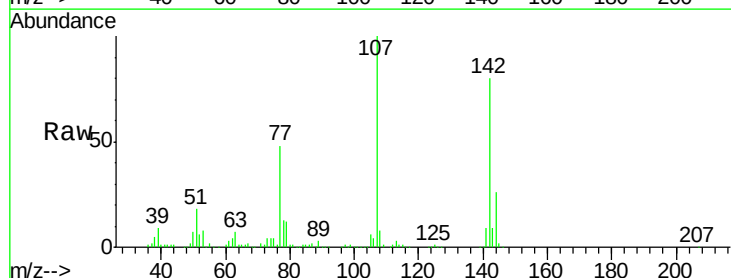
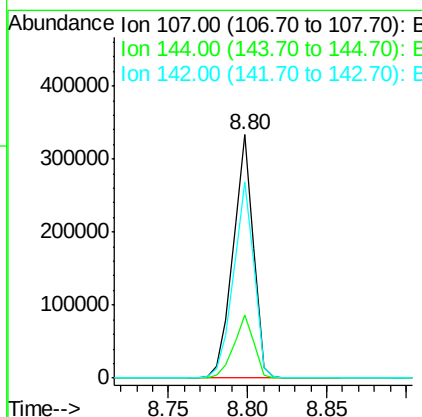
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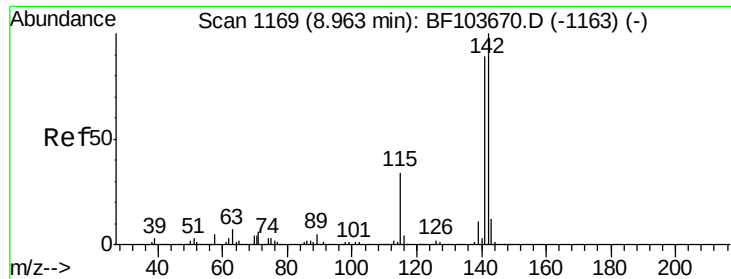
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#36
 4-Chloro-3-methylphenol
 Concen: 34.735 ng/ml
 RT: 8.80 min Scan# 1141
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.5	30.7
142	80.5	62.0	93.0





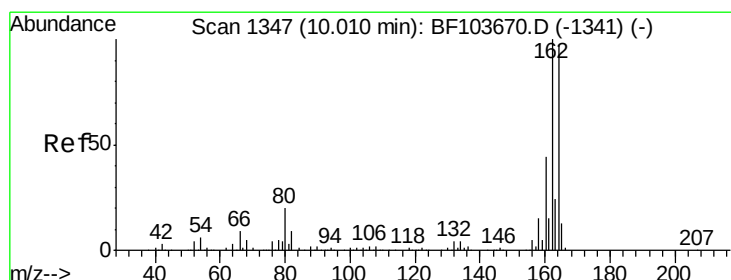
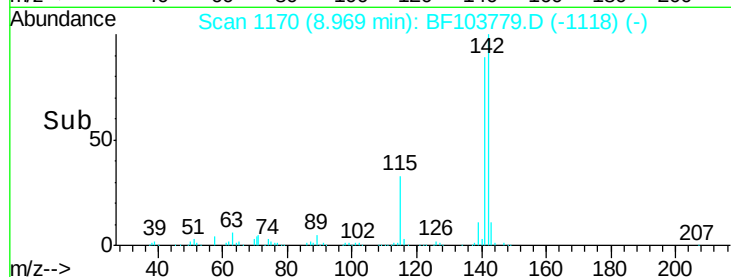
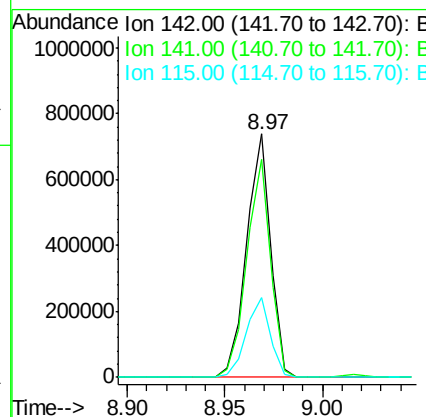
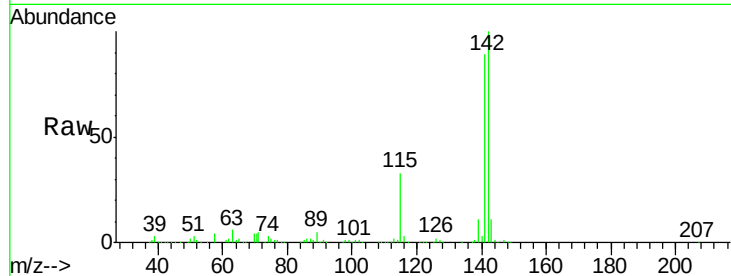
#37
2-Methylnaphthalene
Concen: 32.834 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	32.9	26.1	39.1

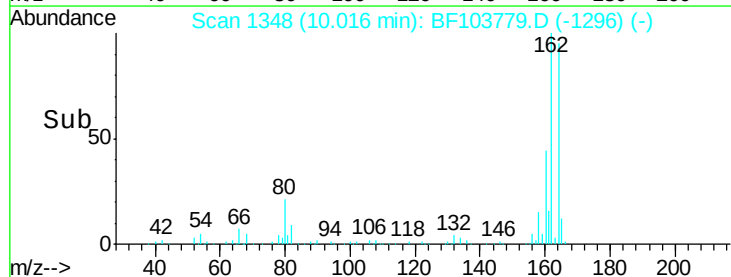
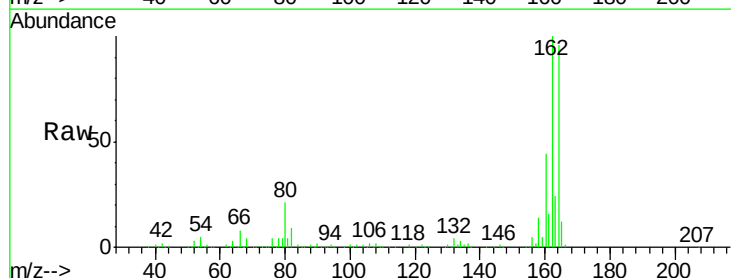
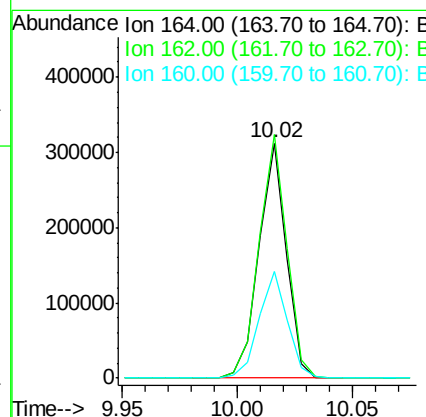
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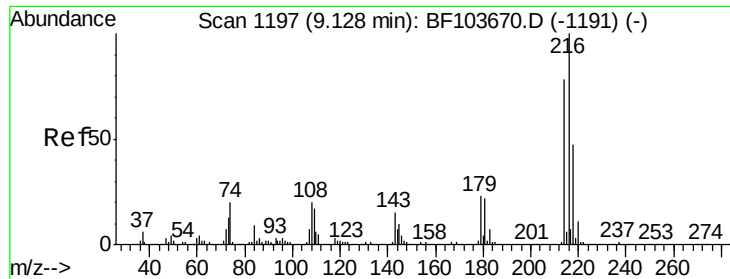
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	45.4	38.3	57.5





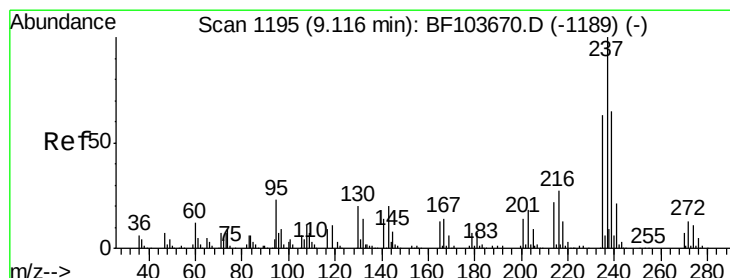
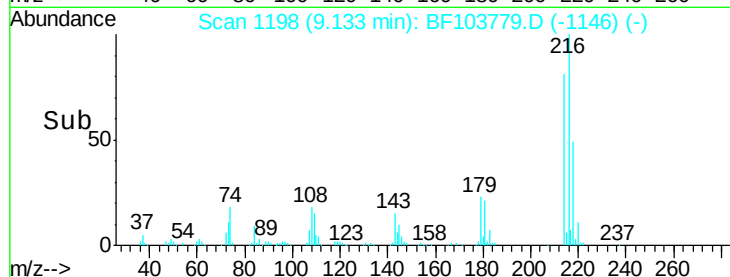
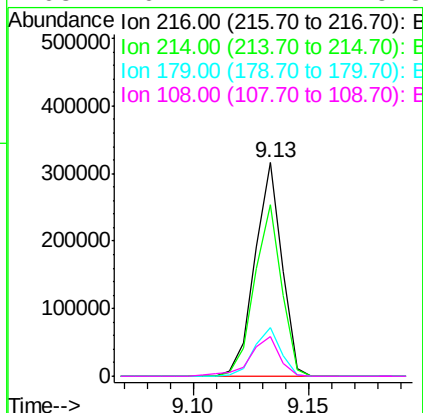
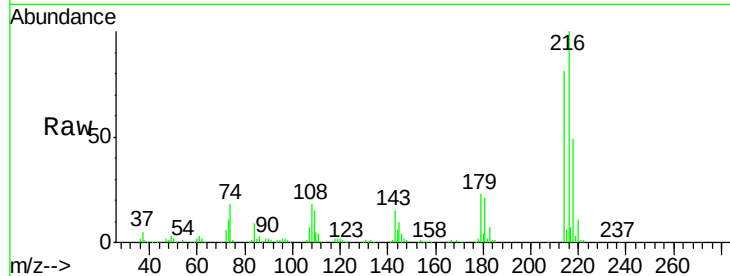
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.910 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

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

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.4	63.0	94.4
179	22.8	18.1	27.1
108	20.2	17.2	25.8

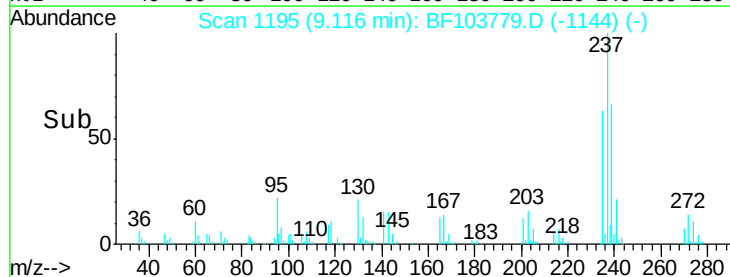
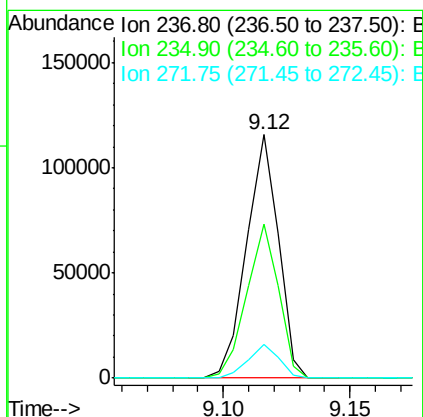
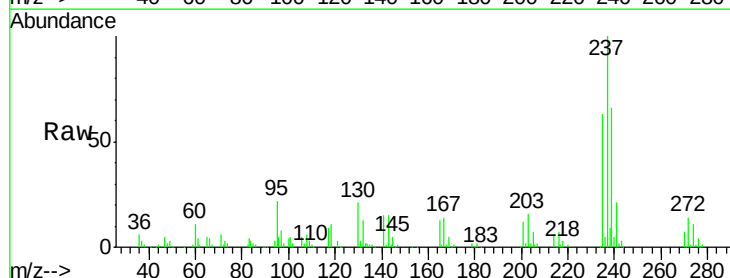
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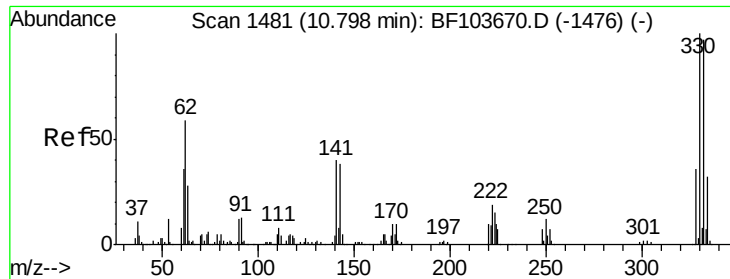
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#40
 Hexachlorocyclopentadiene
 Concen: 26.647 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.5	44.8	84.8
272	14.0	0.0	33.3





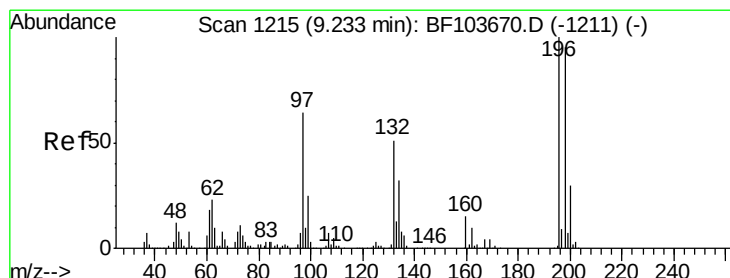
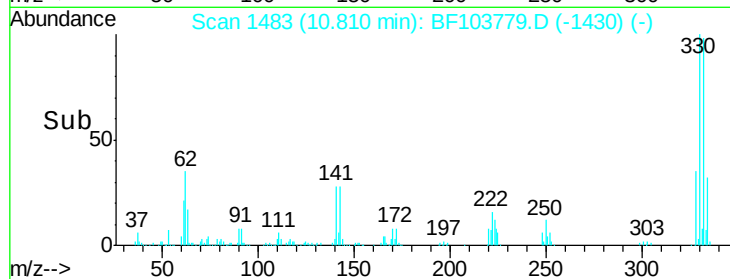
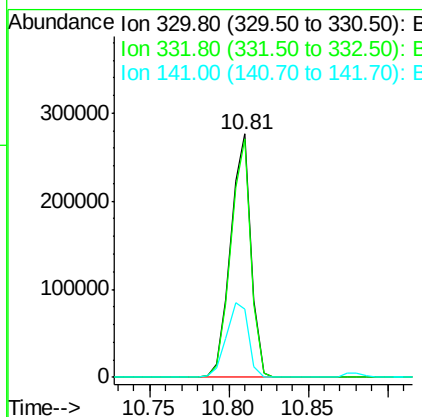
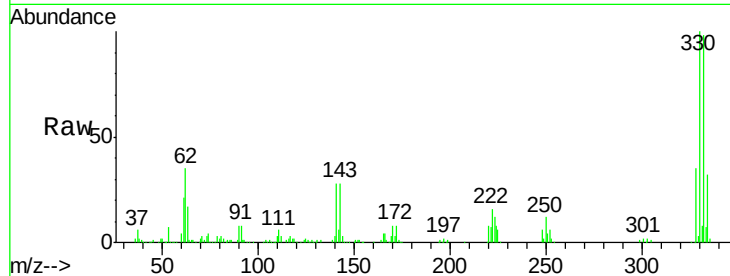
#41
 2,4,6-Tribromophenol
 Concen: 110.599 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	246716		
332	96.6	77.0	115.6	
141	33.4	29.9	44.9	

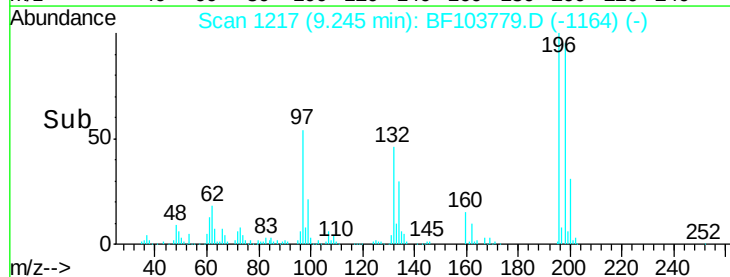
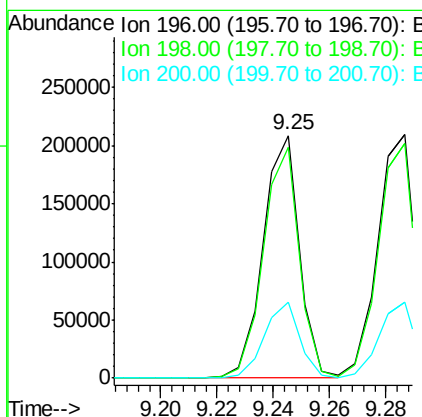
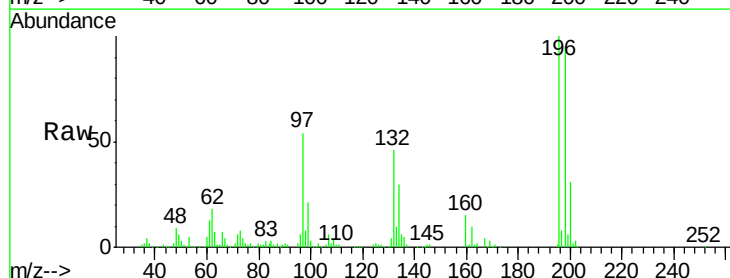
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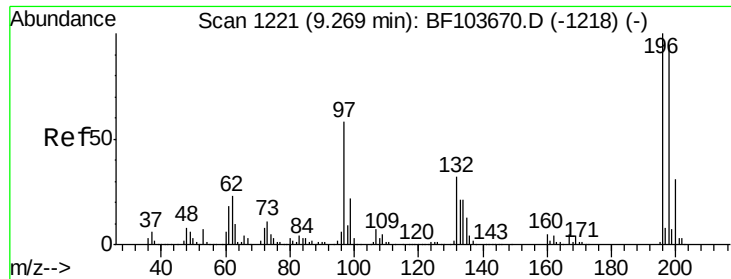
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#42
 2,4,6-Trichlorophenol
 Concen: 39.143 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	185315		
198	95.2	75.7	113.5	
200	31.4	24.5	36.7	





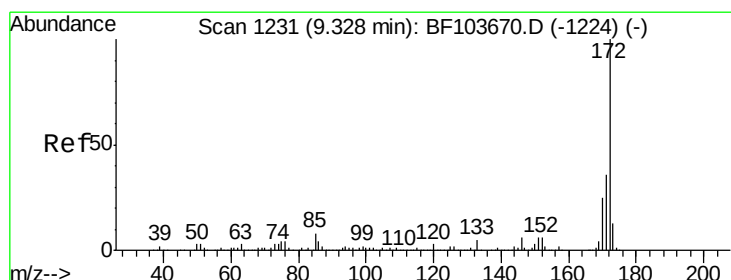
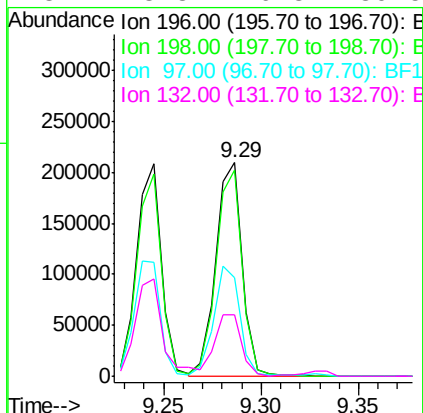
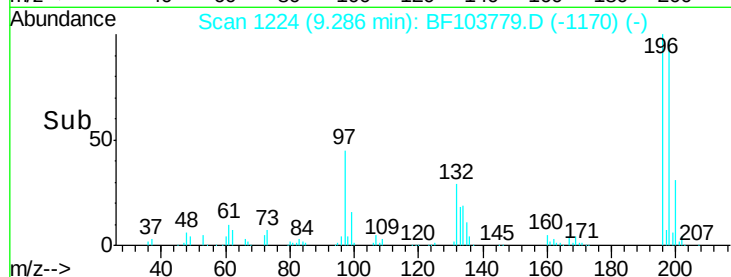
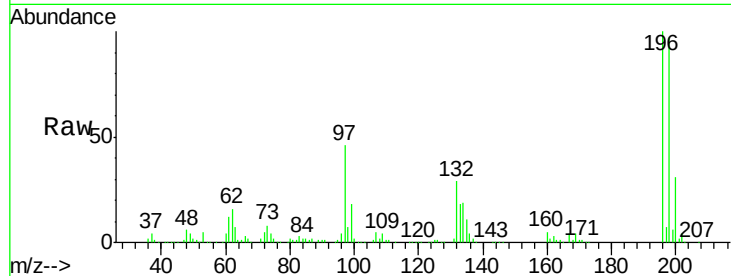
#43
2,4,5-Trichlorophenol
Concen: 36.723 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.02 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	196231		
198	96.6	74.6	112.0	
97	46.0	42.9	64.3	
132	28.8	26.3	39.5	

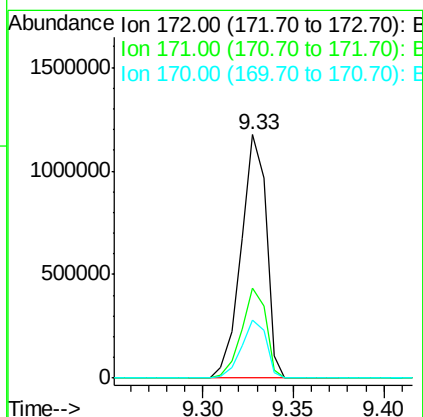
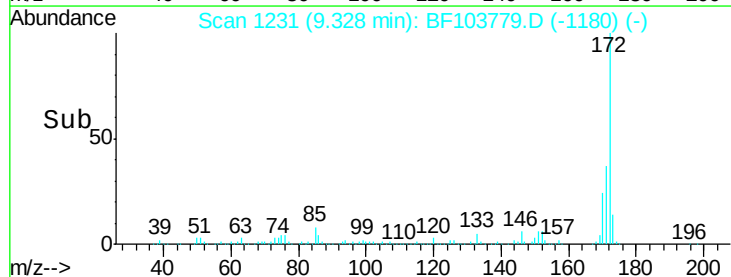
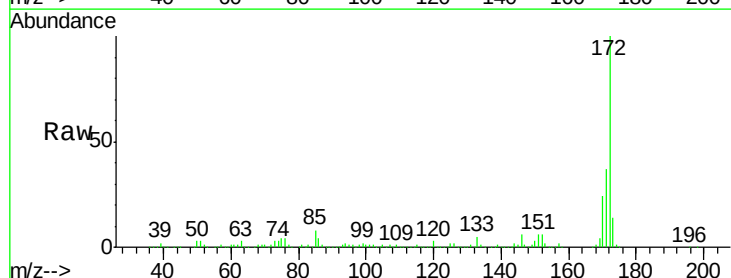
Manual Integrations
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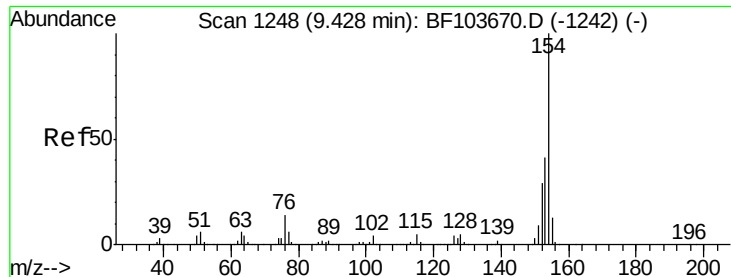
Sohil
3/20/2018 6:27:43 PM



#44
2-Fluorobiphenyl
Concen: 69.624 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1132414		
171	36.8	29.7	44.5	
170	24.1	19.6	29.4	





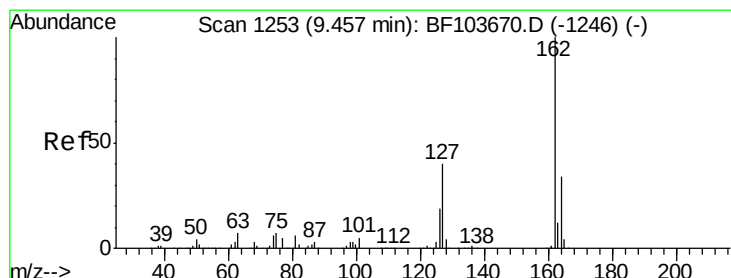
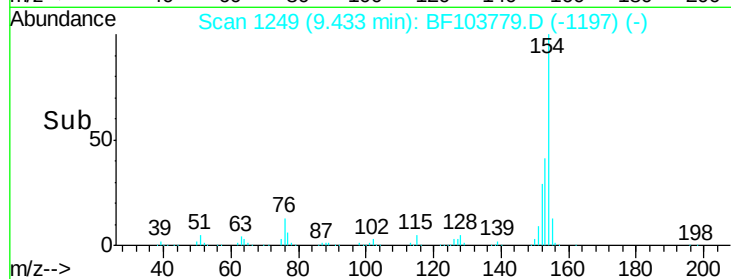
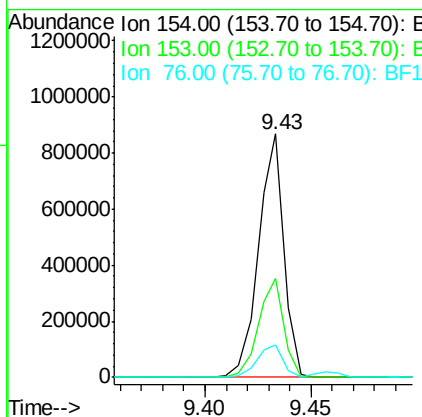
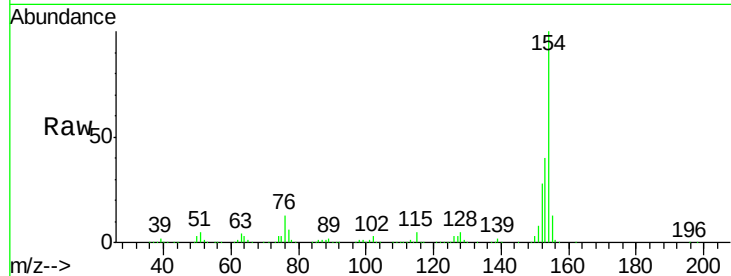
#45
1,1'-Biphenyl
Concen: 33.254 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

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

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	40.5	21.3	61.3
76	13.1	0.0	34.0

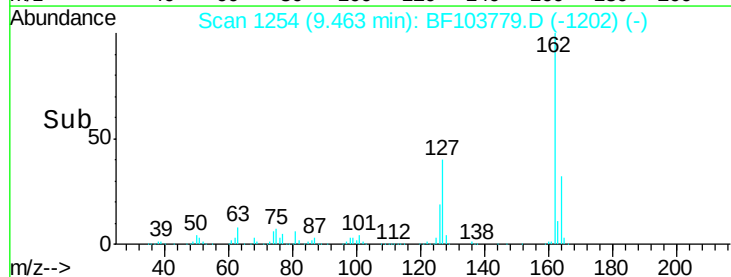
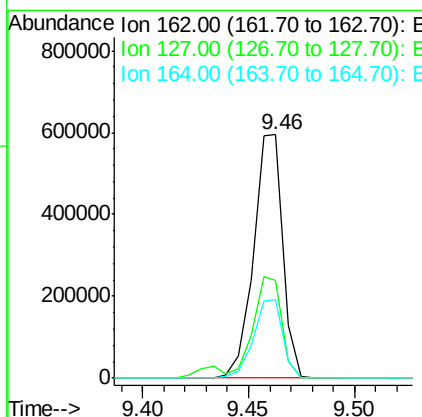
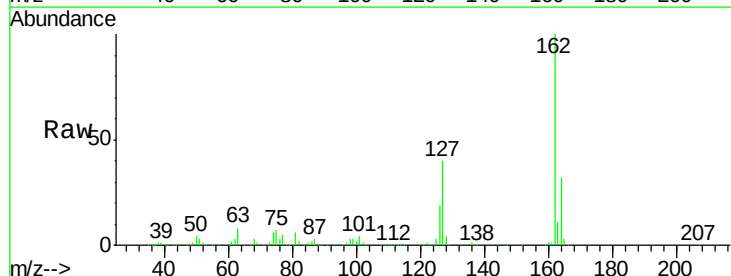
Manual Integrations
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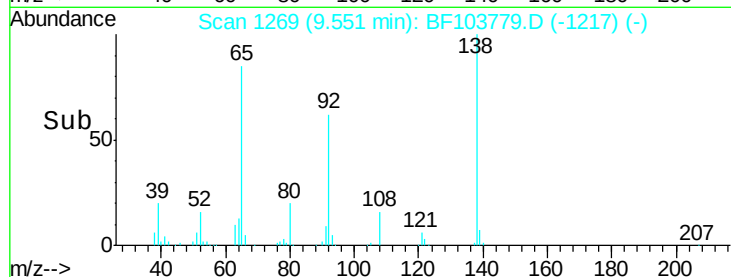
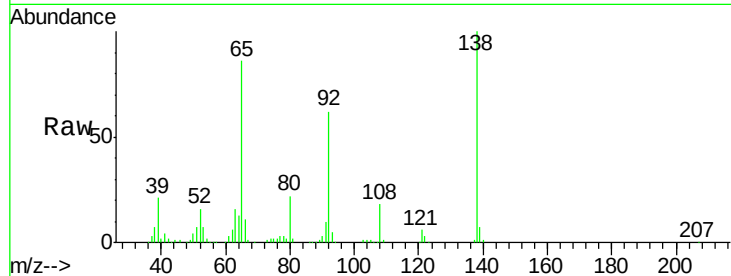
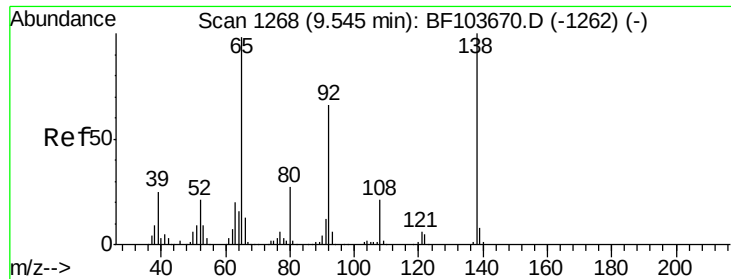
Sohil
3/20/2018 6:27:43 PM



#46
2-Chloronaphthalene
Concen: 33.282 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	40.0	33.9	50.9
164	32.2	26.5	39.7





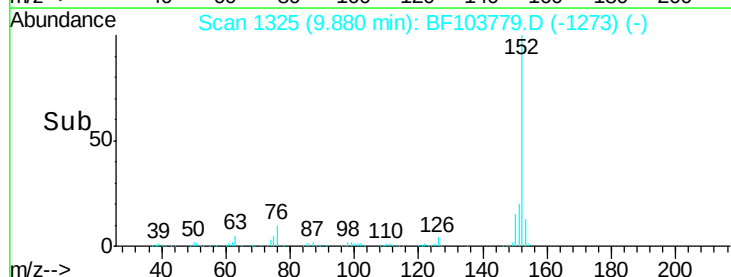
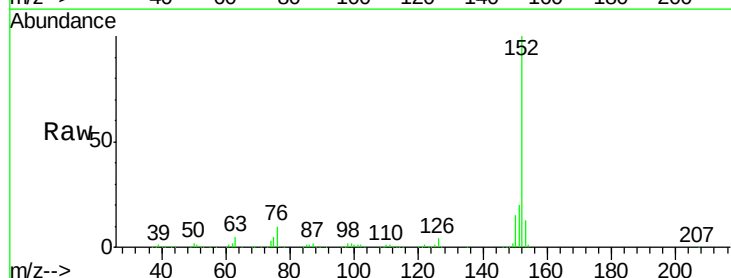
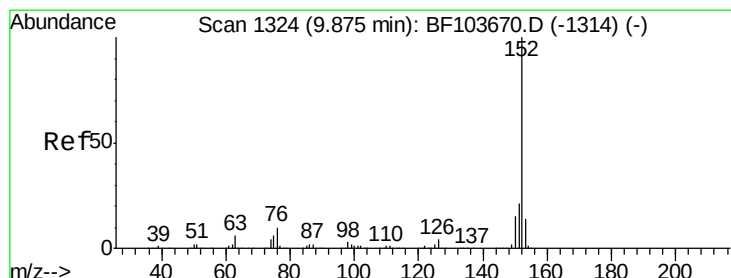
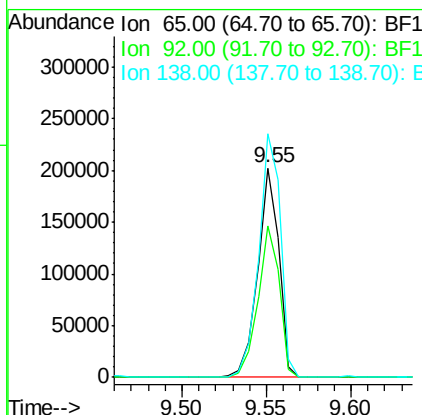
#47
2-Nitroaniline
Concen: 40.661 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.5	55.8	83.6
138	116.2	91.2	136.8

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

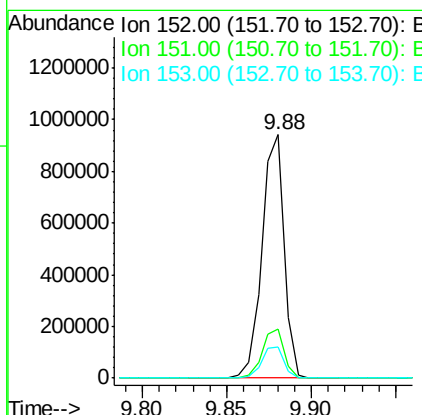
Manual Integrations
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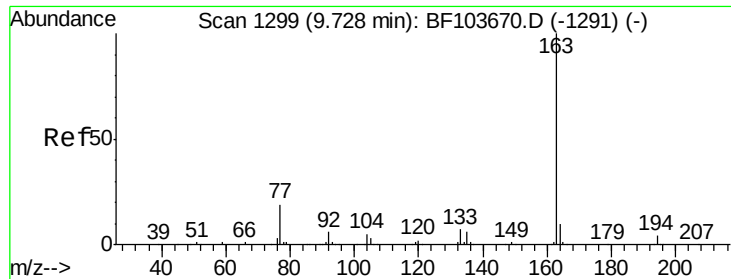
Sohil
3/20/2018 6:27:43 PM



#48
Acenaphthylene
Concen: 32.126 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	12.8	10.7	16.1





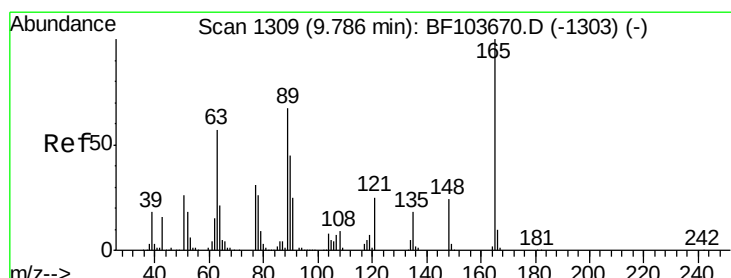
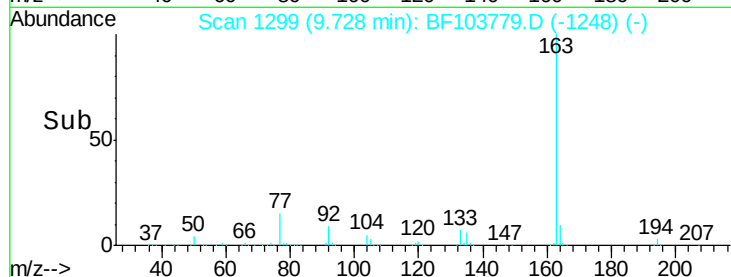
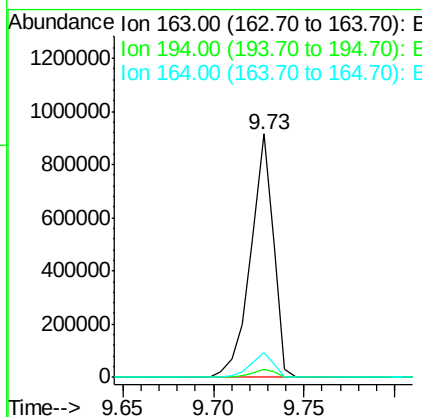
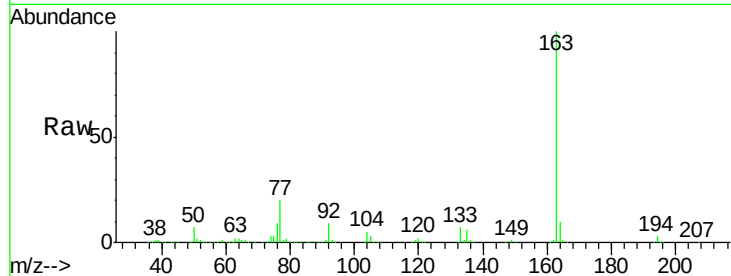
#49
Dimethylphthalate
Concen: 40.210 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100	795923		
194	3.5		2.7	4.1
164	10.4		8.2	12.2

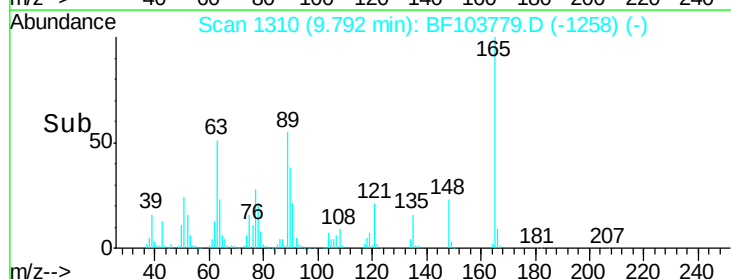
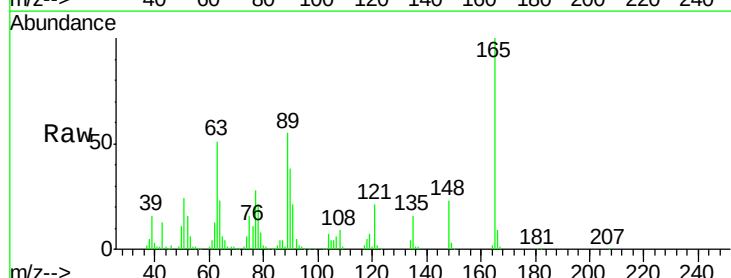
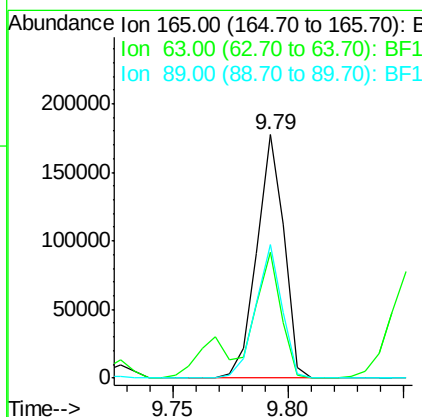
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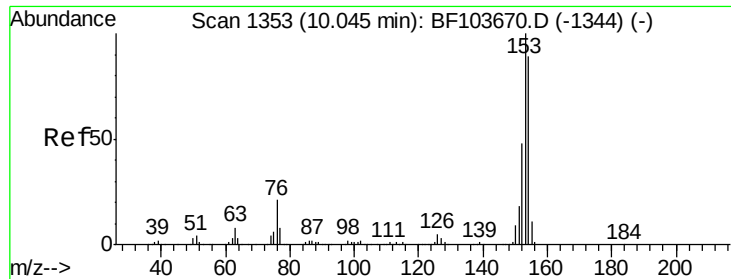
Sohil
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#50
2,6-Dinitrotoluene
Concen: 39.049 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	146423		
63	51.5		44.7	67.1
89	54.8		44.0	66.0





#51

Acenaphthene

Concen: 32.626 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

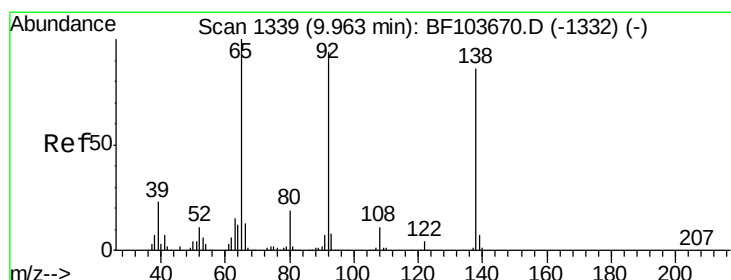
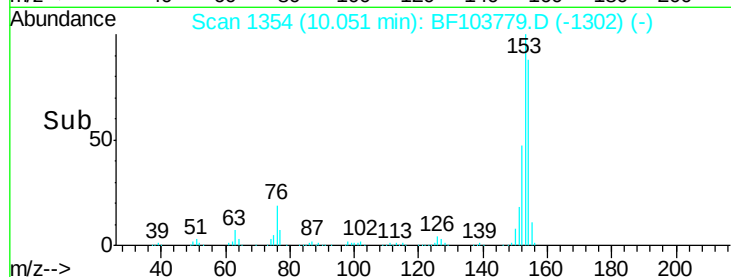
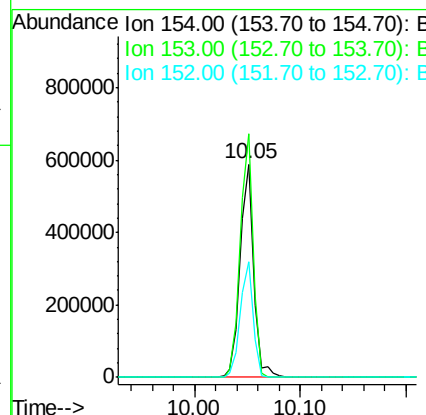
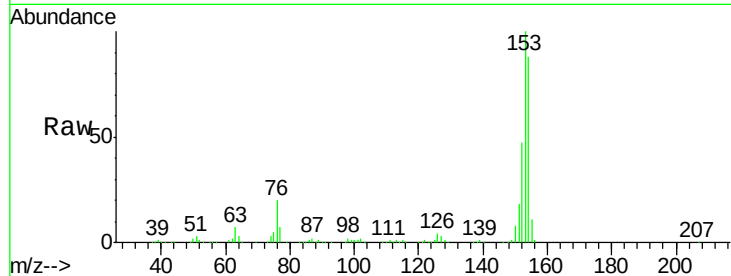
ClientSampleId :

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

Tot Ion:	154	Resp:	516194
Ion Ratio	Lower	Upper	
154	100		
153	114.1	91.2	136.8
152	54.1	43.8	65.8

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#52

3-Nitroaniline

Concen: 29.969 ng

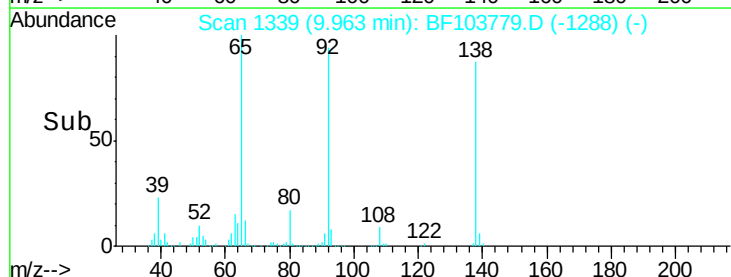
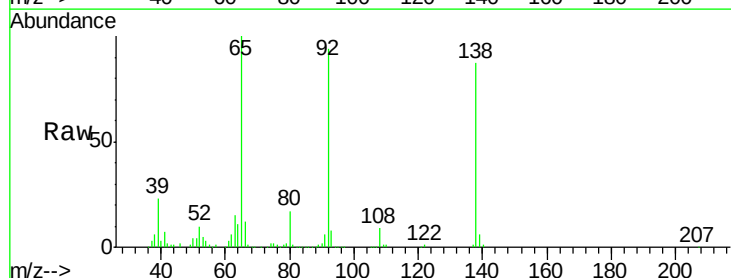
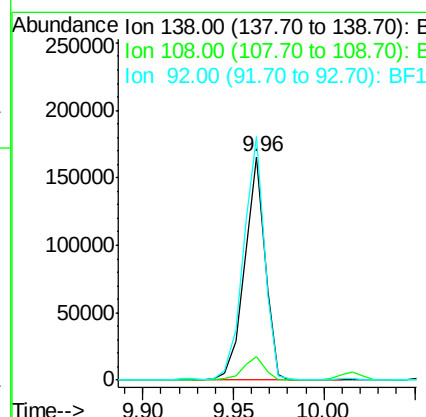
RT: 9.96 min Scan# 1339

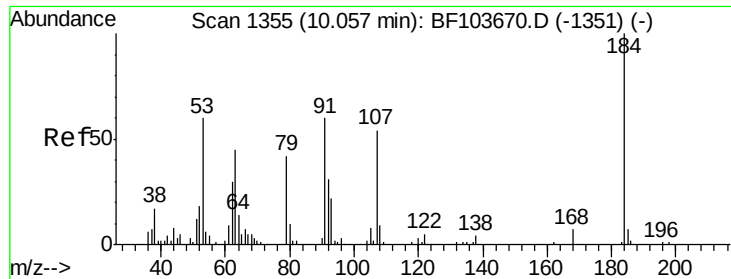
Delta R.T. 0.00 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Tgt Ion:	138	Resp:	130388
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.4	14.0
92	109.1	89.4	134.2





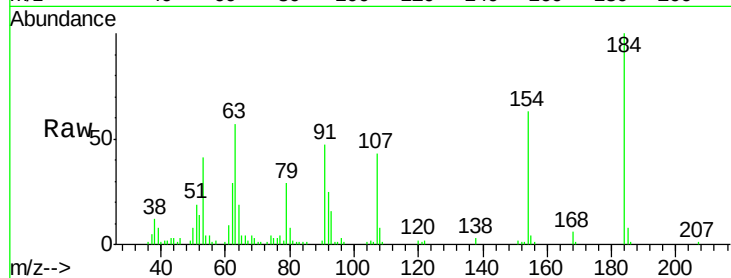
#53
2,4-Dinitrophenol
Concen: 46.505 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

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

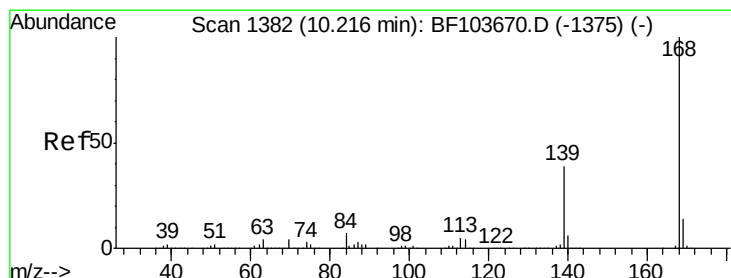
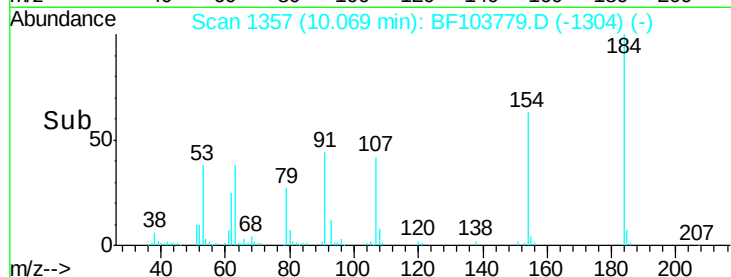
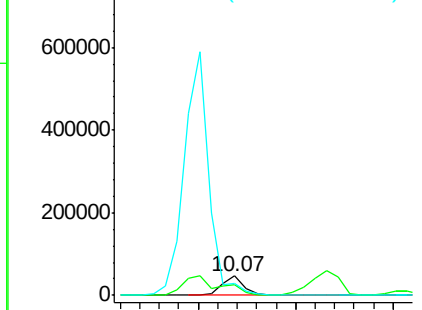
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	56.5	54.2	81.2	
154	62.8	184.0	276.0	

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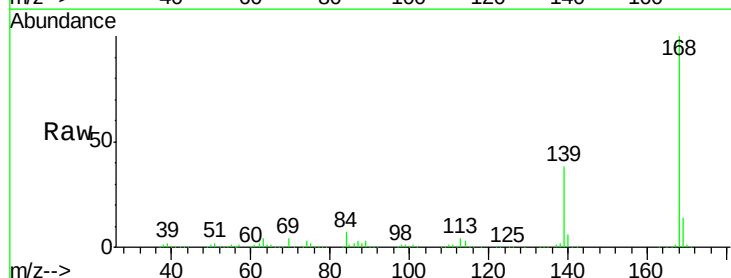


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

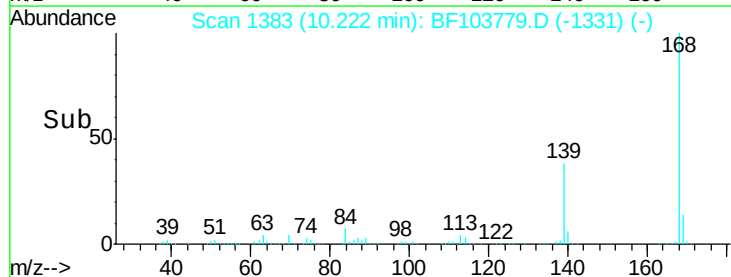
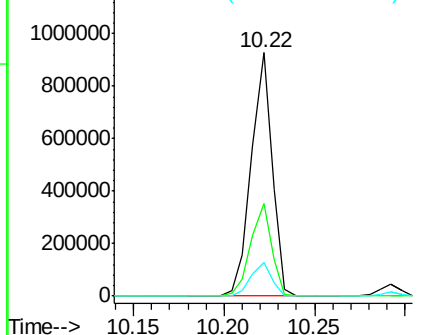


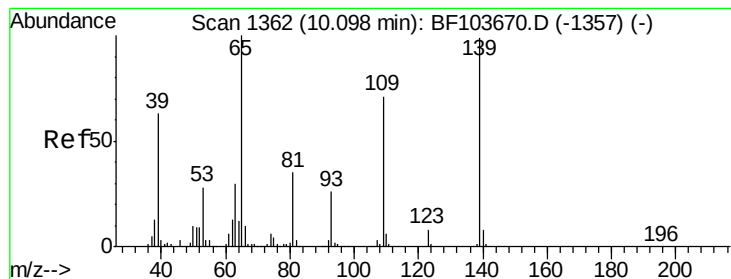
#54
Dibenzofuran
Concen: 33.132 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.2	30.1	45.1	
169	13.8	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: 71.253 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.02 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

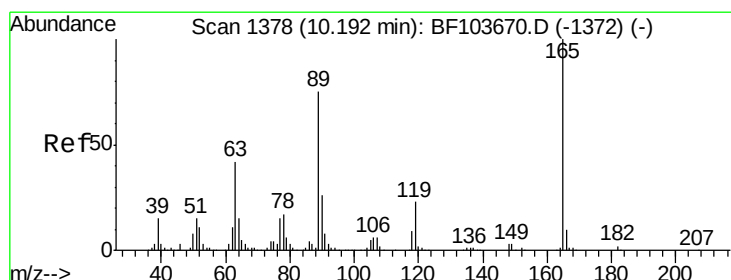
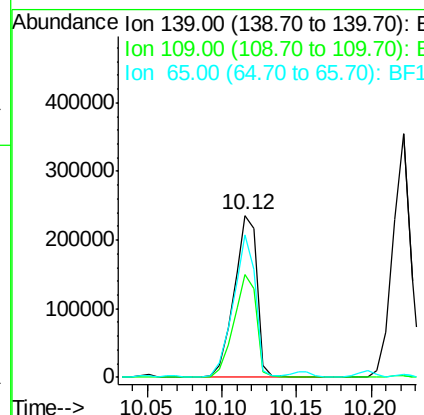
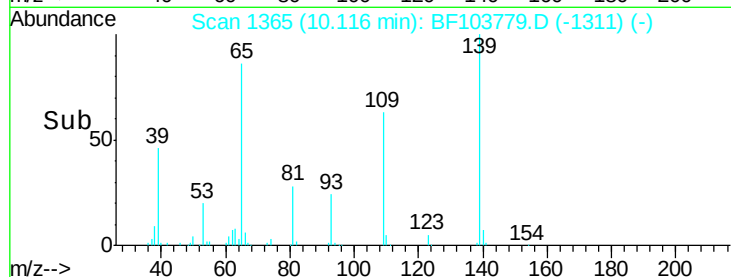
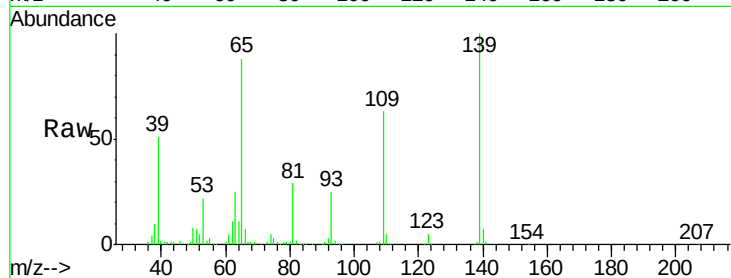
ClientSampleId :

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

Tot Ion:	139	Resp:	256120
Ion Ratio	Lower	Upper	
139	100		
109	63.4	48.4	88.4
65	88.3	72.6	112.6

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 39.733 ng

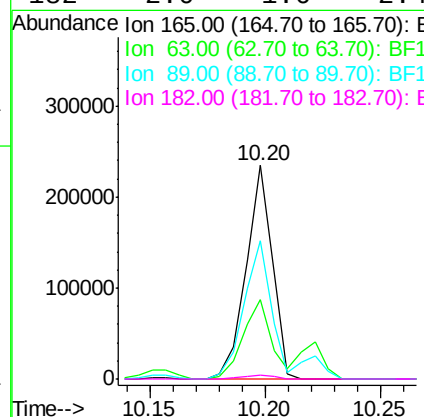
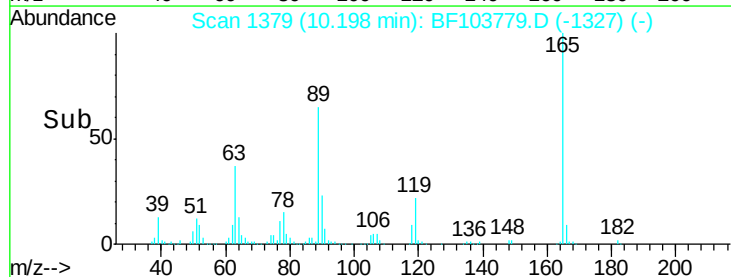
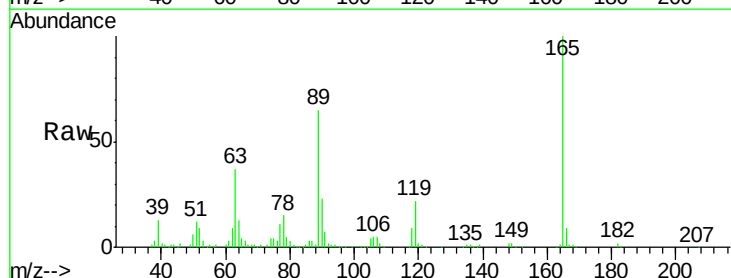
RT: 10.20 min Scan# 1379

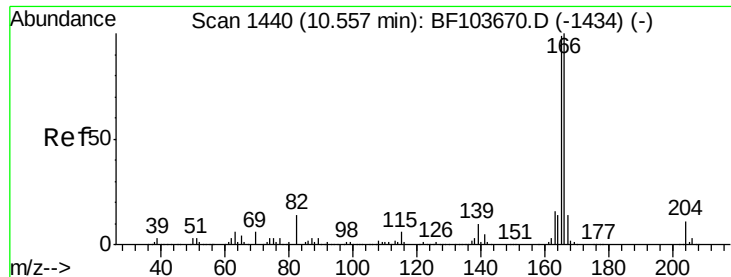
Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Tgt Ion:	165	Resp:	186783
Ion Ratio	Lower	Upper	
165	100		
63	37.0	36.4	54.6
89	64.7	57.8	86.6
182	2.0	1.6	2.4





#57

Fluorene

Concen: 32.364 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

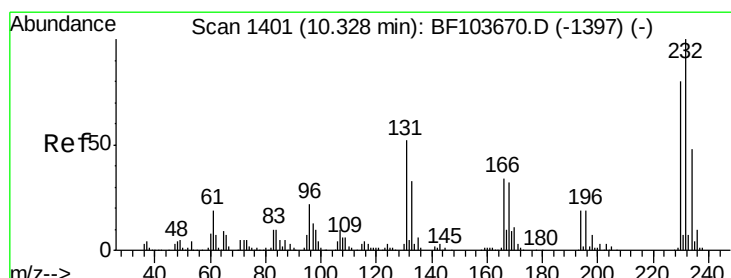
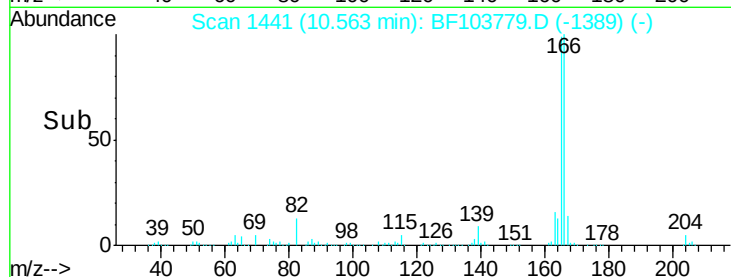
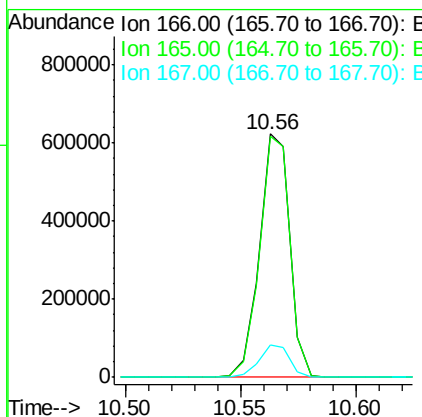
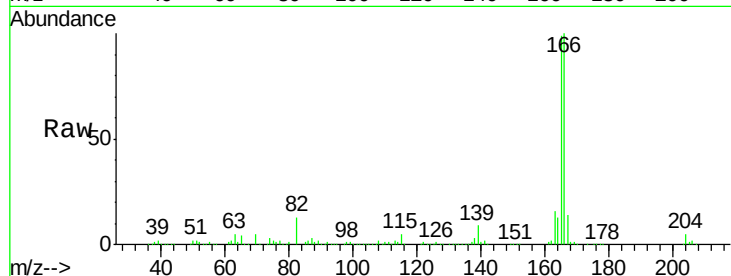
ClientSampleId :

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

Tot Ion:	166	Resp:	567469
Ion Ratio	Lower	Upper	
166	100		
165	98.9	79.8	119.8
167	13.5	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.232 ng

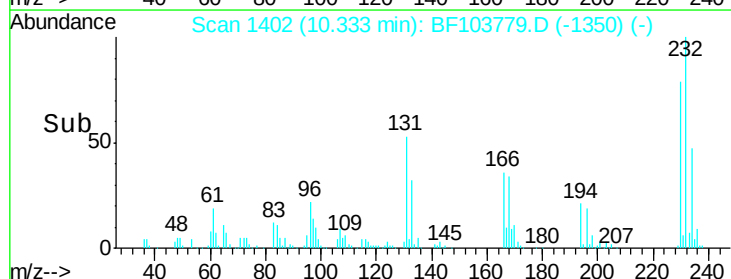
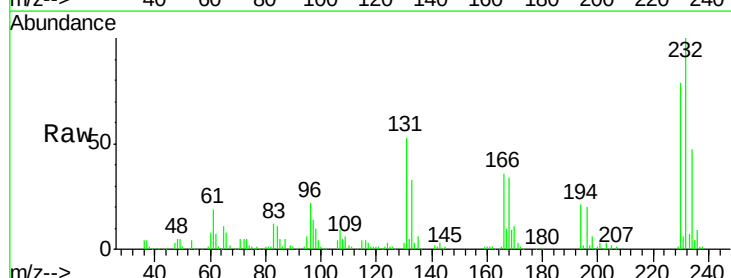
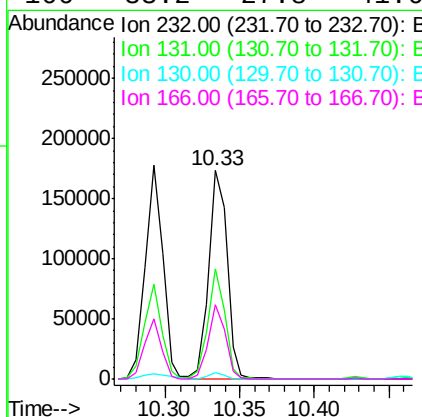
RT: 10.33 min Scan# 1402

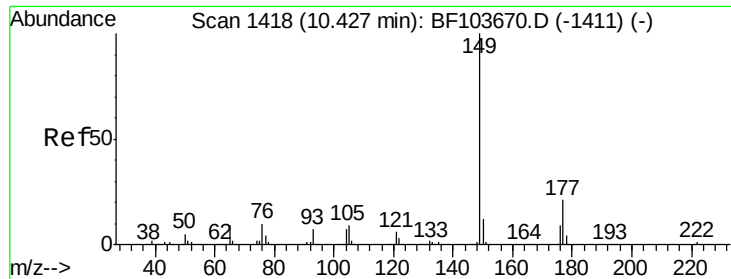
Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Tgt Ion:	232	Resp:	148547
Ion Ratio	Lower	Upper	
232	100		
131	48.9	43.8	65.8
130	2.4	2.1	3.1
166	33.2	27.8	41.6





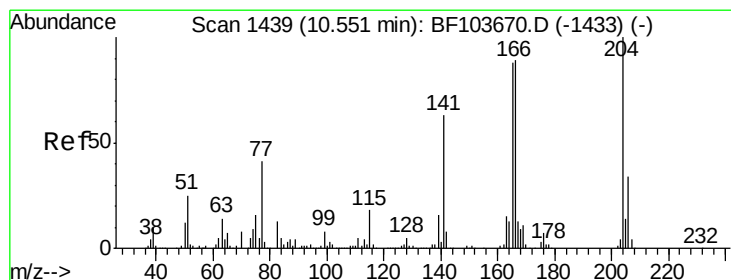
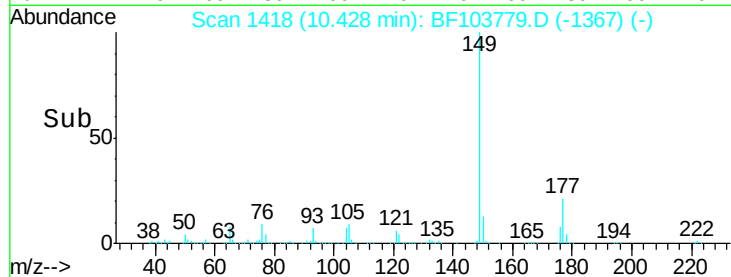
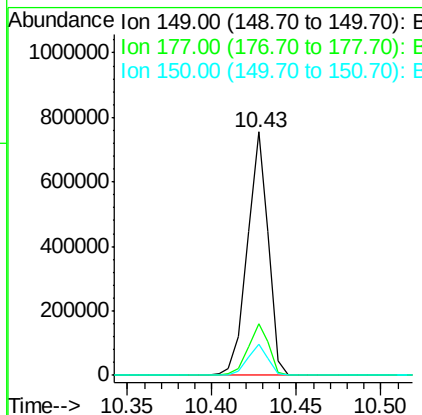
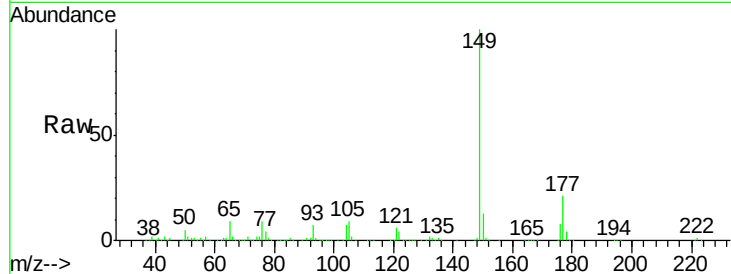
#59
Diethylphthalate
Concen: 33.085 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

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

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.1	24.1
150	12.9	10.1	15.1

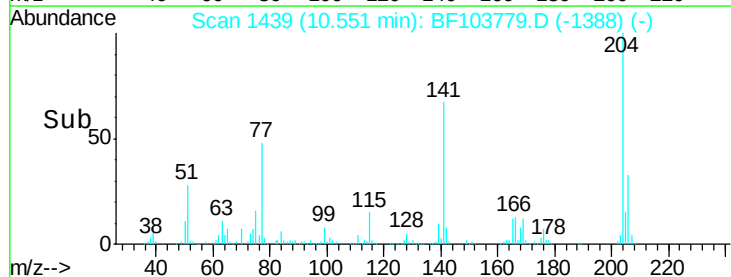
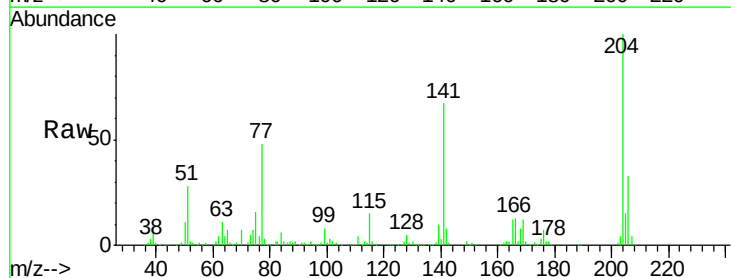
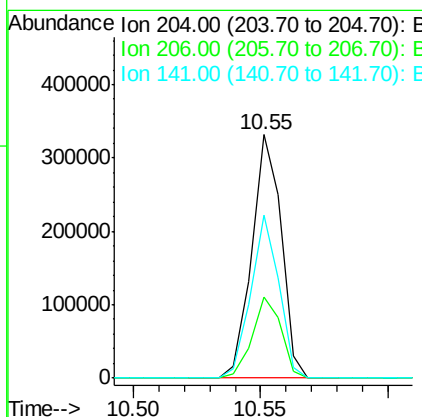
Manual Integrations
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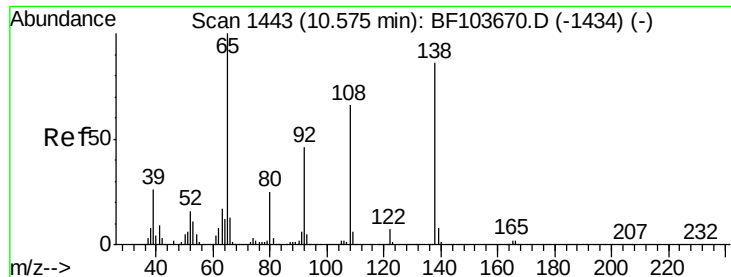
Sohil
3/20/2018 6:27:43 PM



#60
4-Chlorophenyl-phenylether
Concen: 33.522 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.5	39.7
141	67.0	54.6	81.8





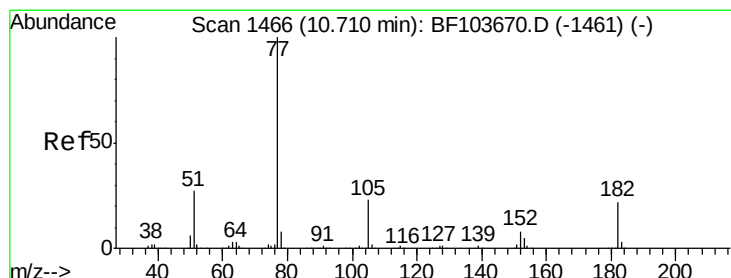
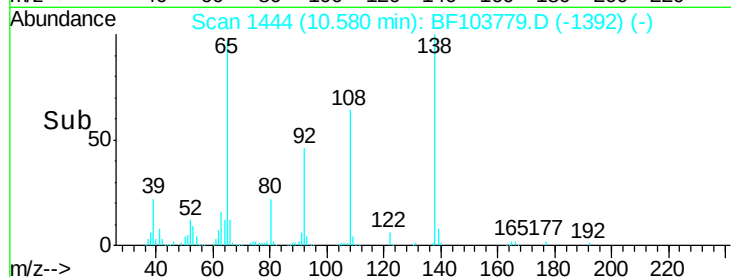
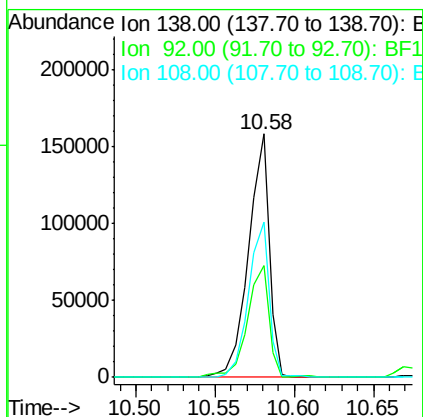
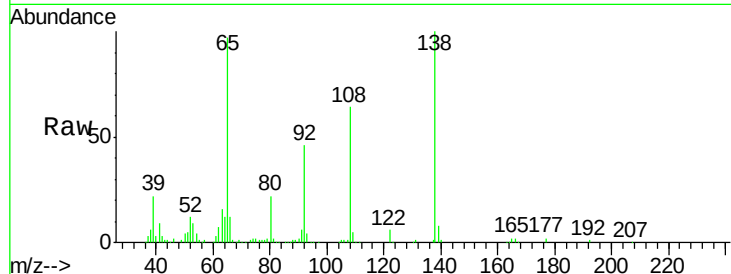
#61
4-Nitroaniline
Concen: 33.854 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

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

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.8	30.2	70.2
108	63.8	52.5	92.5

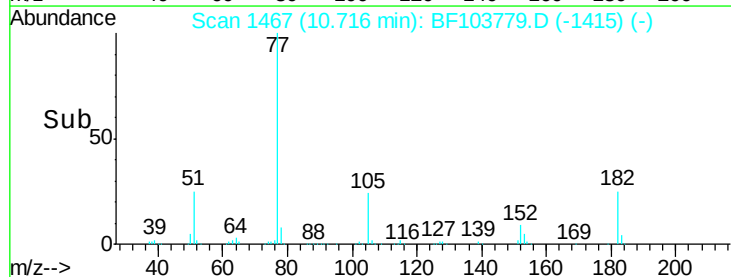
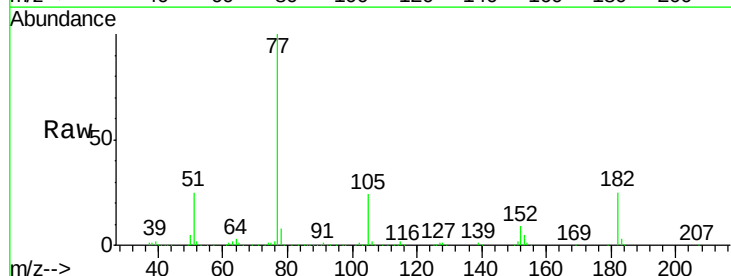
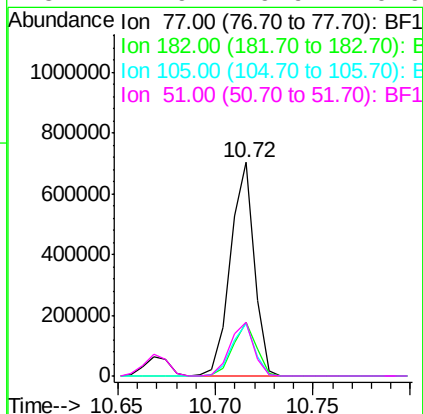
Manual Integrations
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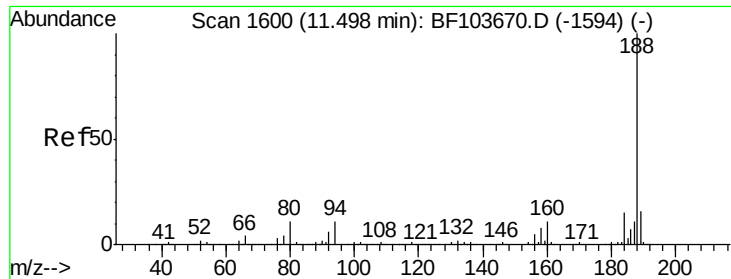
Sohil
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#62
Azobenzene
Concen: 29.691 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.4	1.7	41.7
105	24.3	3.0	43.0
51	24.9	9.9	49.9





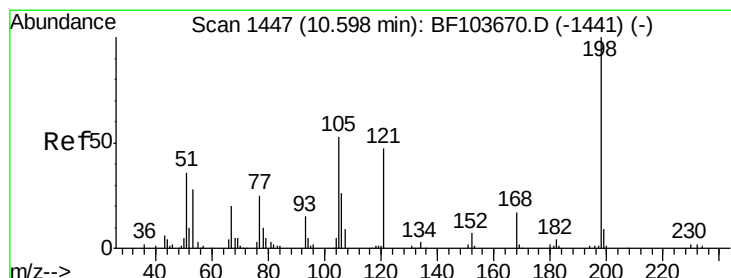
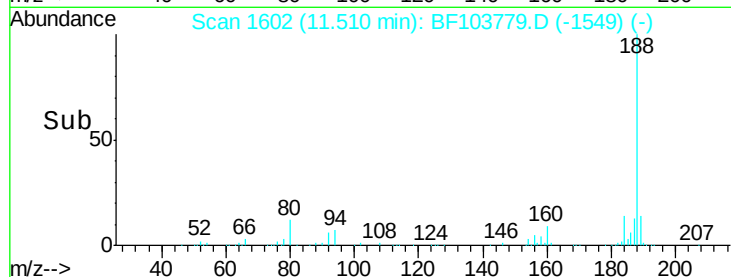
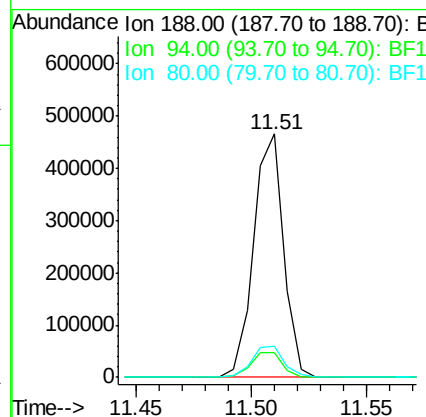
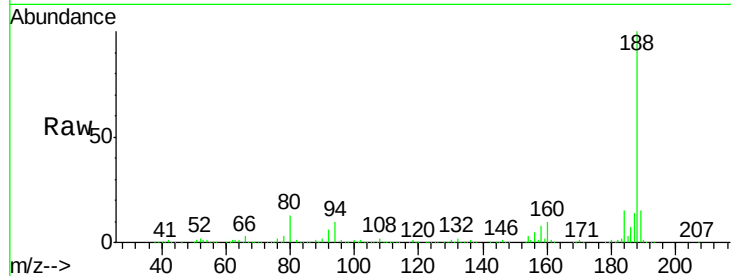
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	423139		
94	10.1		8.5	12.7
80	12.6		9.2	13.8

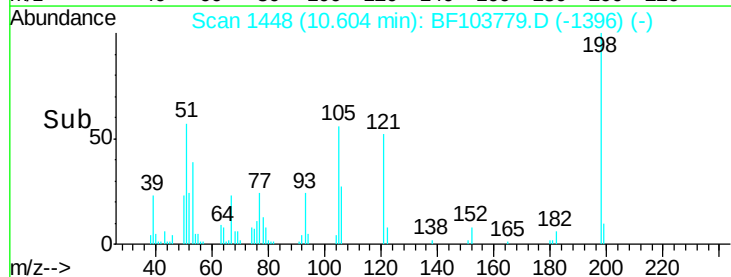
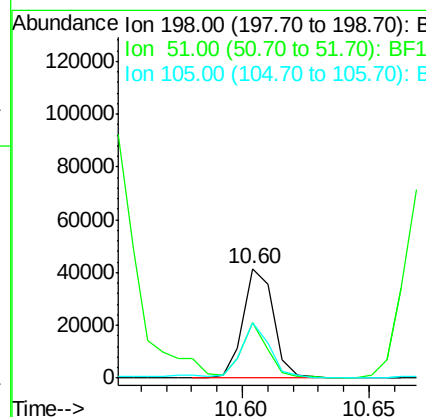
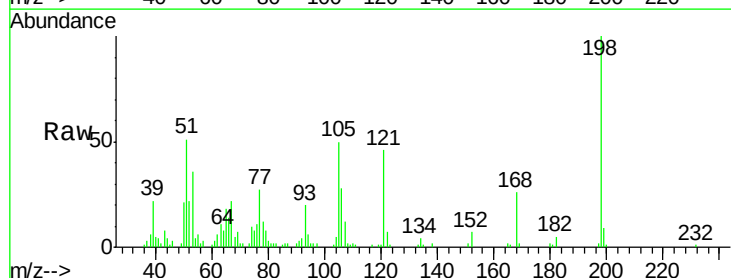
Manual Integrations
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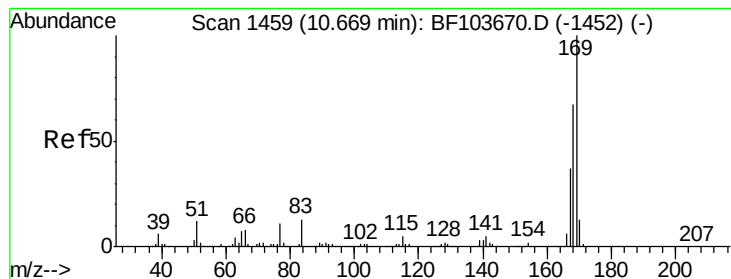
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 29.052 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	34514		
51	51.0		37.7	77.7
105	50.5		36.3	76.3





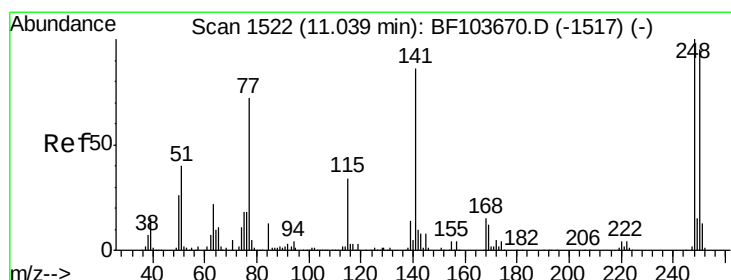
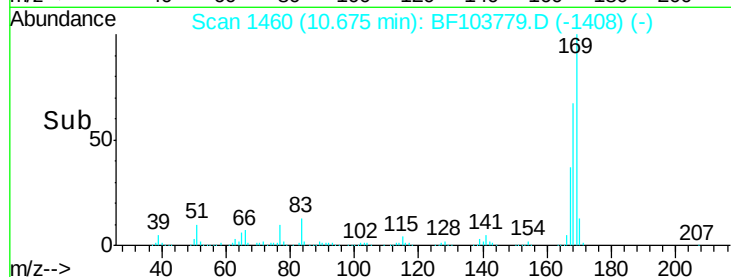
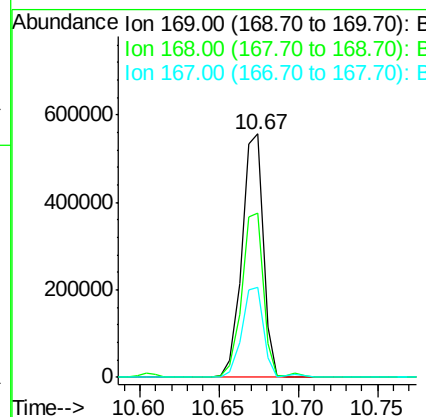
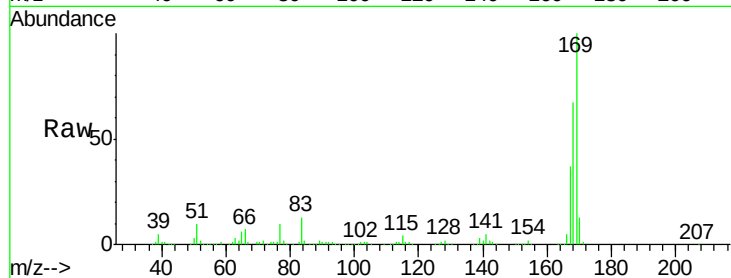
#65
 n-Nitrosodiphenylamine
 Concen: 36.133 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

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

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.4	81.6
167	36.8	29.8	44.6

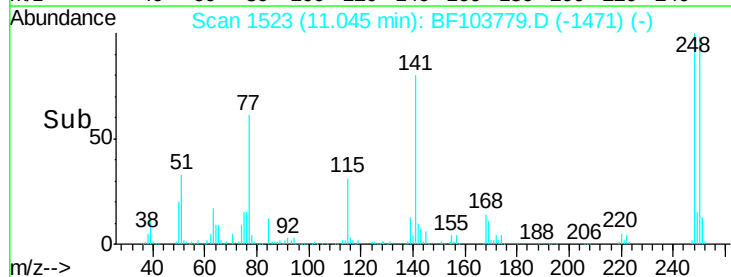
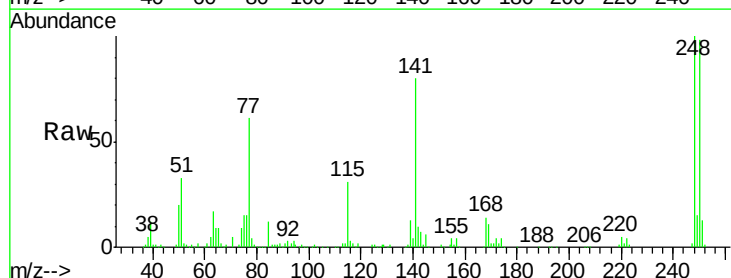
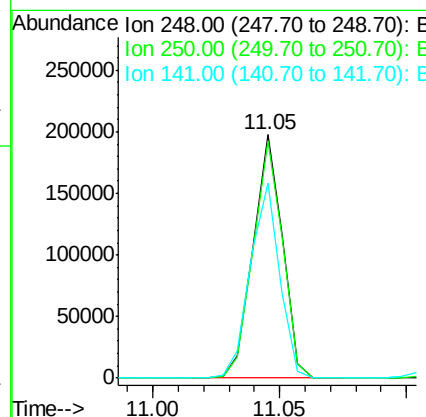
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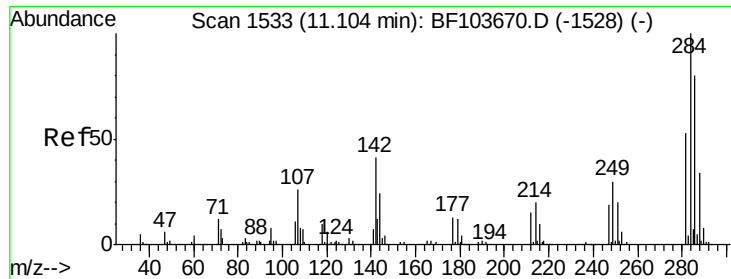
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#66
 4-Bromophenyl-phenylether
 Concen: 36.592 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.9	115.3
141	79.8	74.4	111.6





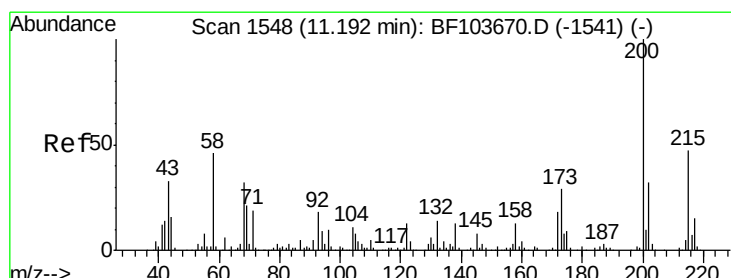
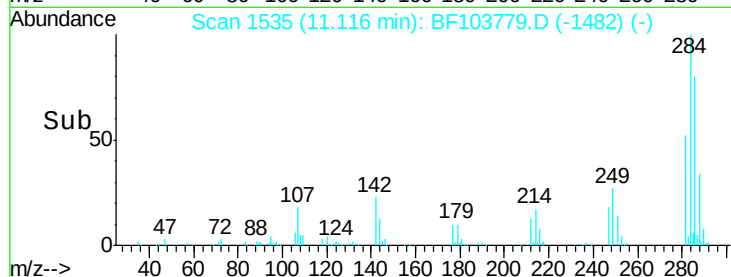
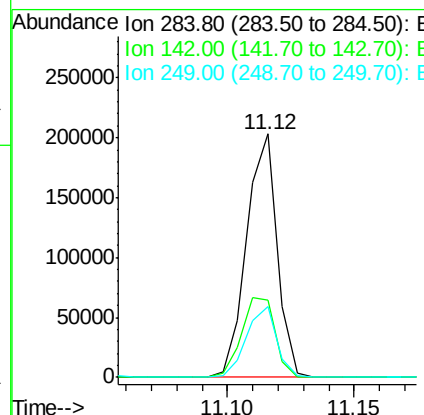
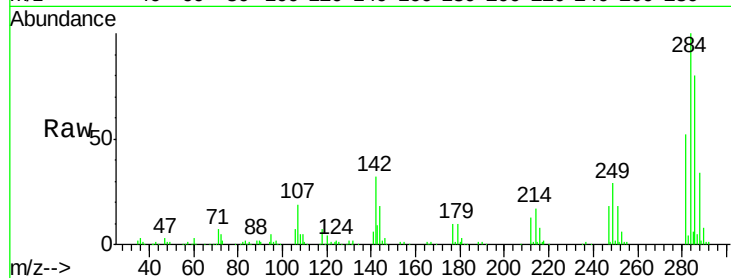
#67
Hexachlorobenzene
Concen: 34.306 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

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

Tot Ion	Ratio	Resp	Lower	Upper
284	100	170109		
142	31.7	34.6	52.0	
249	29.1	24.8	37.2	

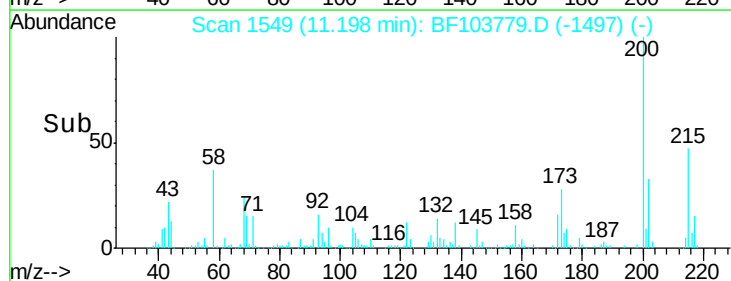
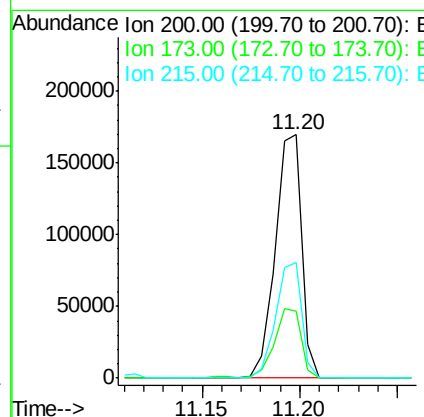
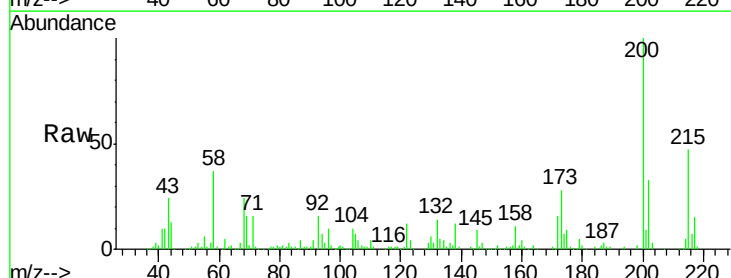
Manual Integrations
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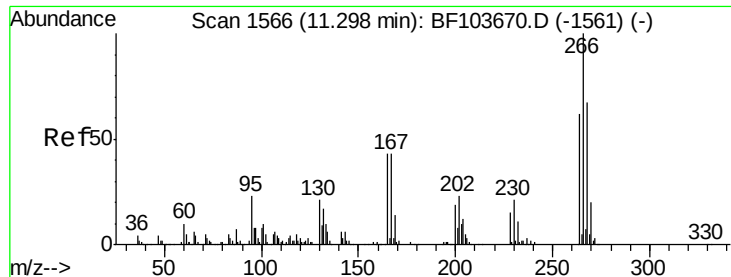
Sohil
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#68
Atrazine
Concen: 35.612 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	158666		
173	27.6	8.6	48.6	
215	47.5	25.1	65.1	





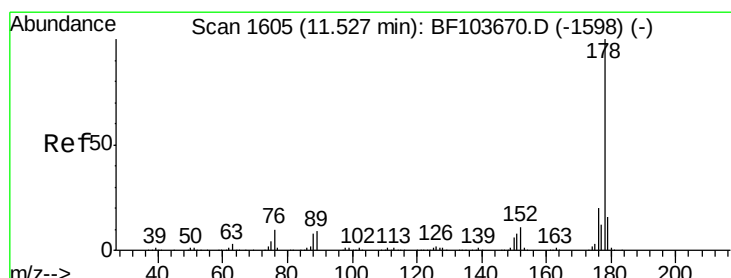
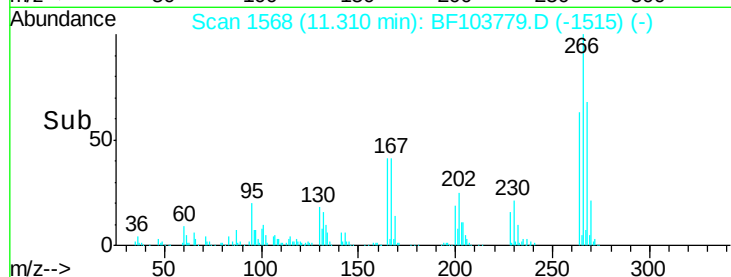
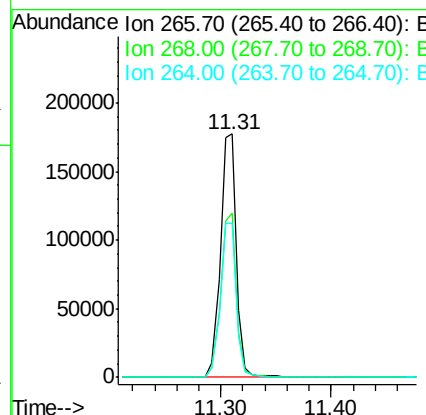
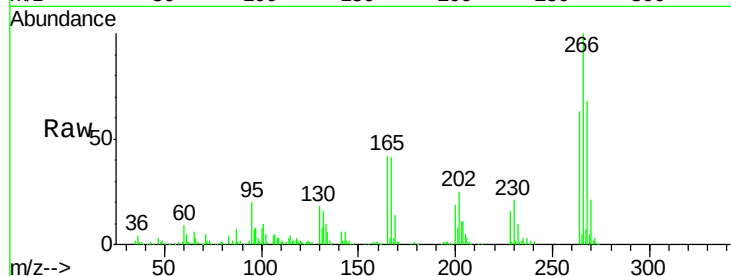
#69
 Pentachlorophenol
 Concen: 62.054 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

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

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.6	51.1	76.7
264	63.0	49.5	74.3

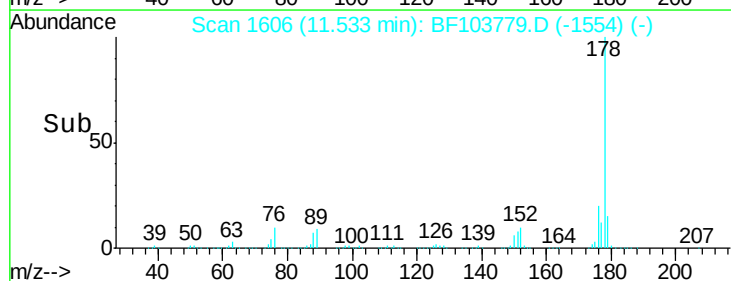
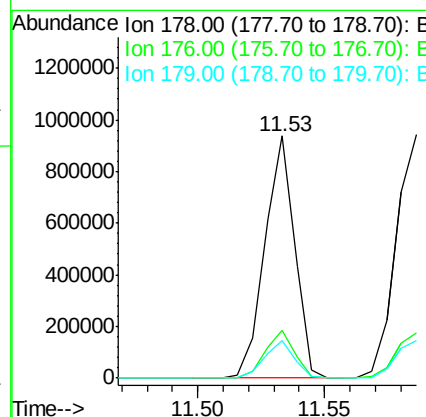
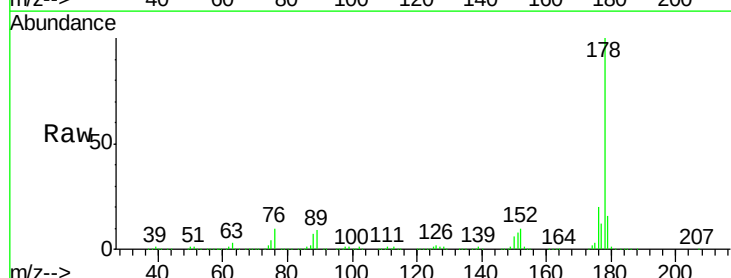
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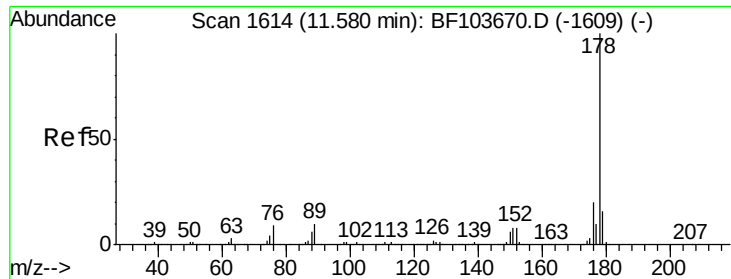
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 3/20/2018 6:27:43 PM



#70
 Phenanthrene
 Concen: 33.424 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

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





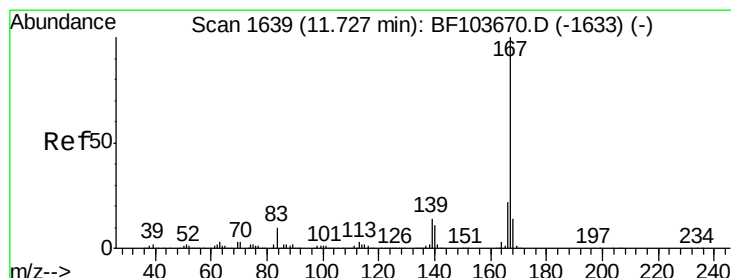
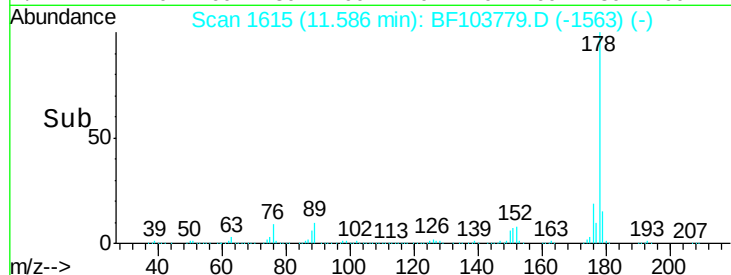
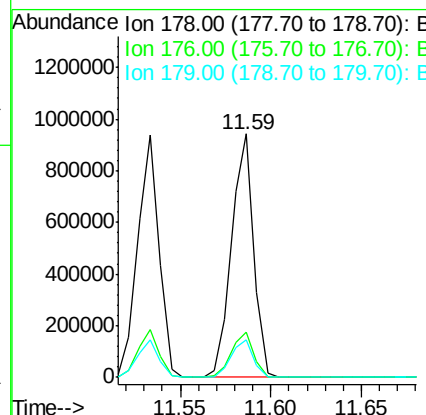
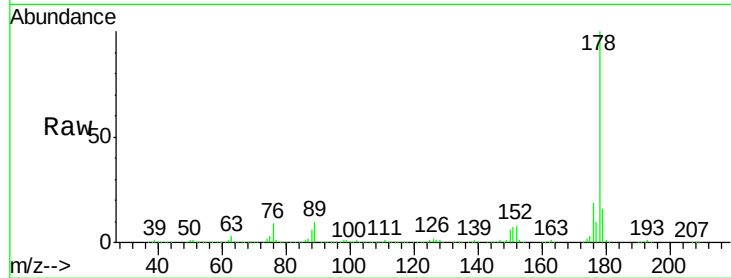
#71
 Anthracene
 Concen: 34.090 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.5	12.6	19.0

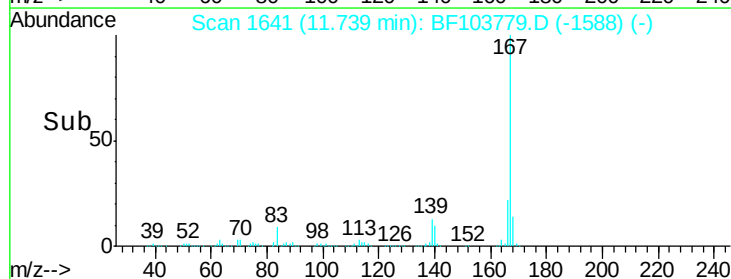
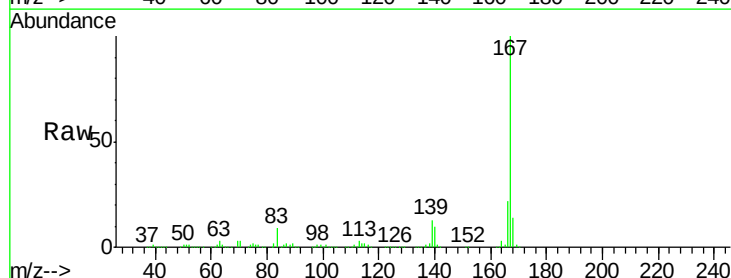
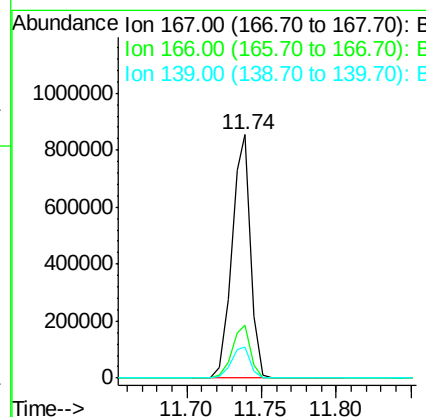
Manual Integrations
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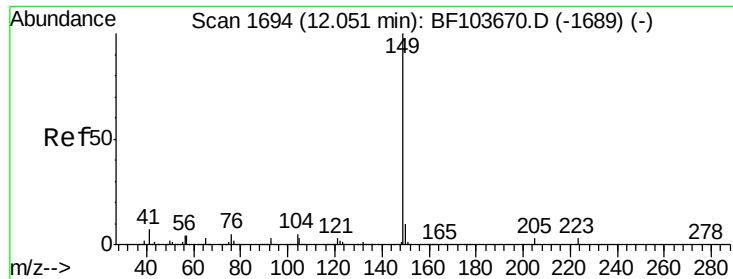
Sohil
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#72
 Carbazole
 Concen: 32.859 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.6	26.4
139	13.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 34.650 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

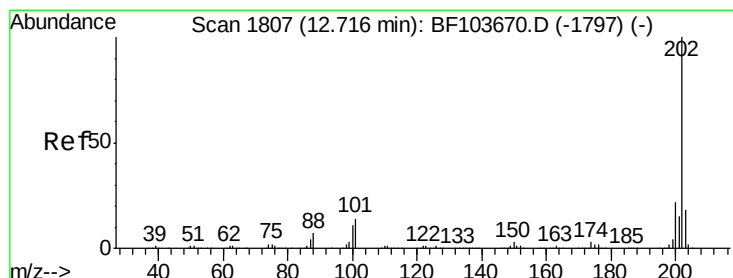
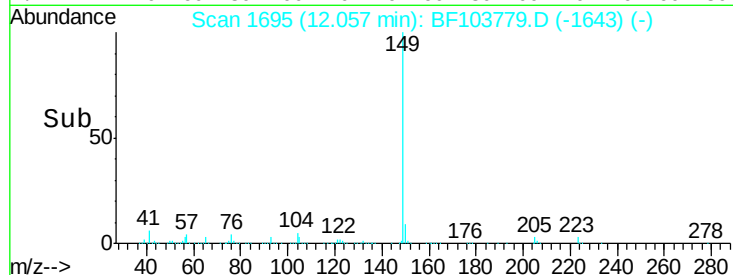
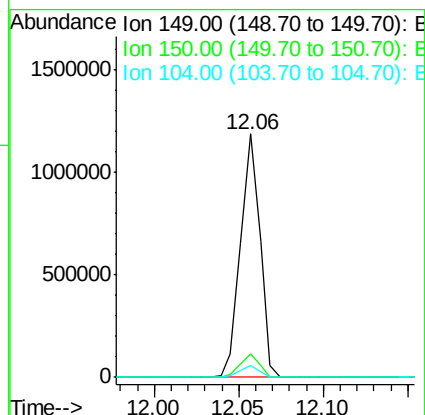
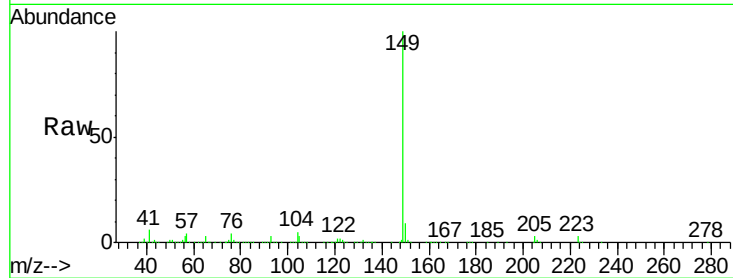
ClientSampleId :

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

Tot Ion:	149	Resp:	950008
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	4.7	3.8	5.8

Manual Integrations
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3/20/2018 6:27:43 PM



#74

Fluoranthene

Concen: 31.674 ng

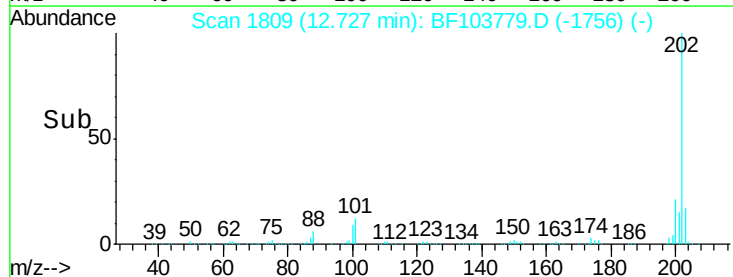
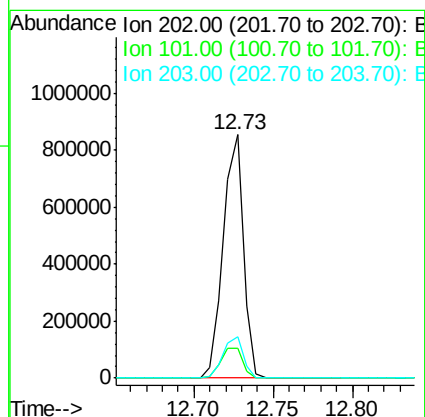
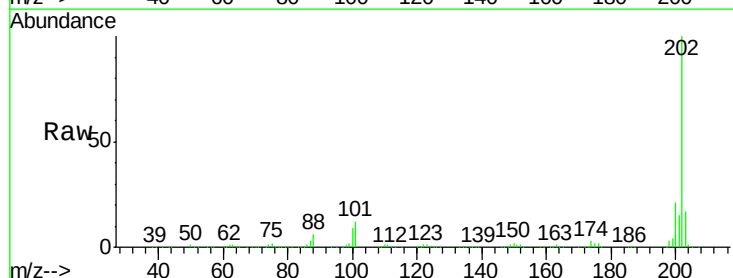
RT: 12.73 min Scan# 1809

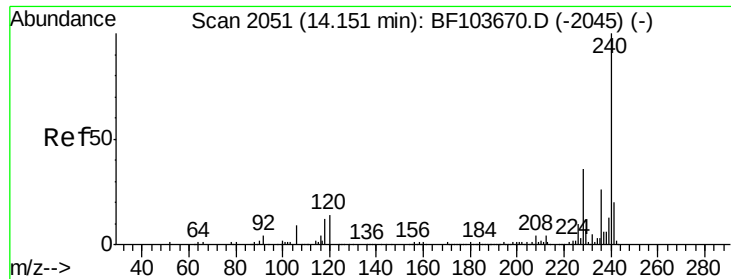
Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Tgt Ion:	202	Resp:	755312
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	34.1
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

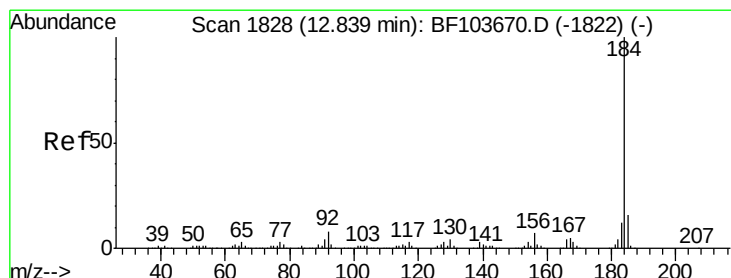
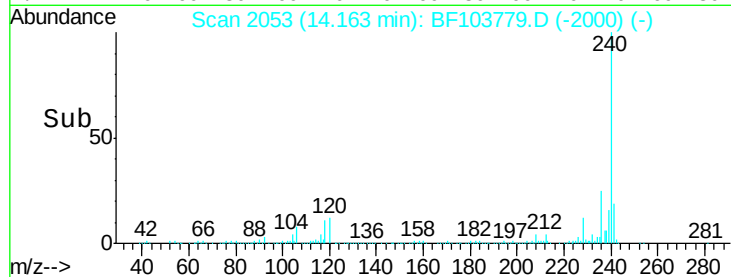
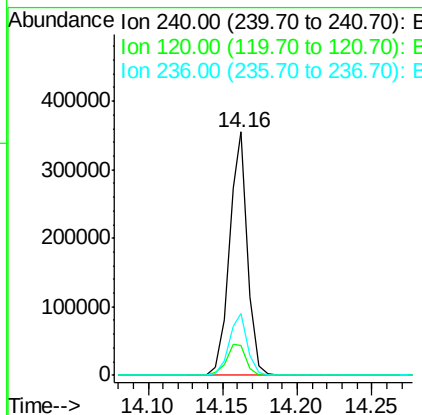
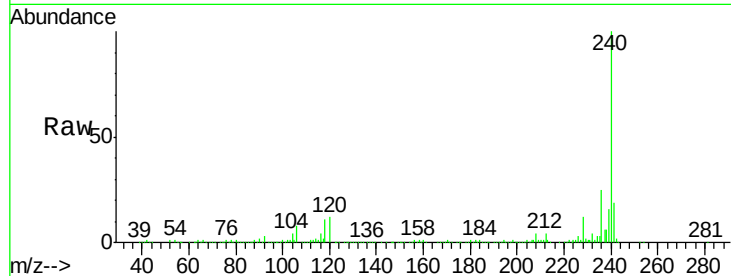
ClientSampleId :

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

Tot Ion:	240	Resp:	302788
Ion Ratio	Lower	Upper	
240	100		
120	12.1	9.5	14.3
236	25.5	20.7	31.1

Manual Integrations
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#76

Benzidine

Concen: 34.248 ng

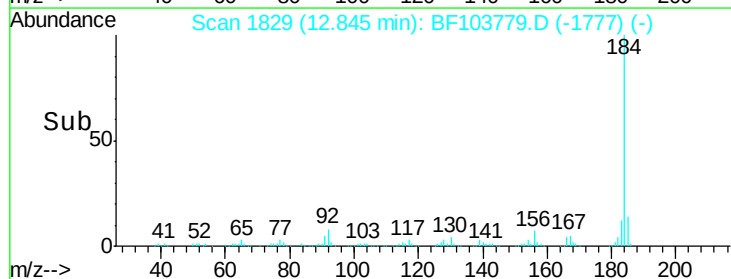
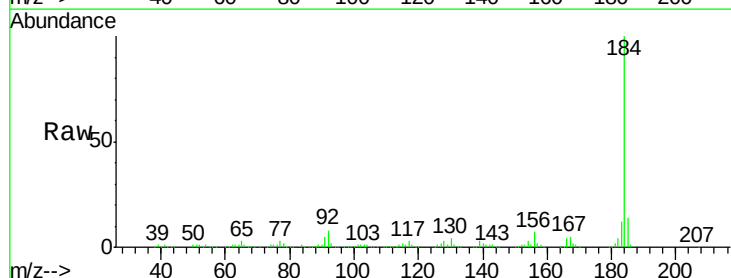
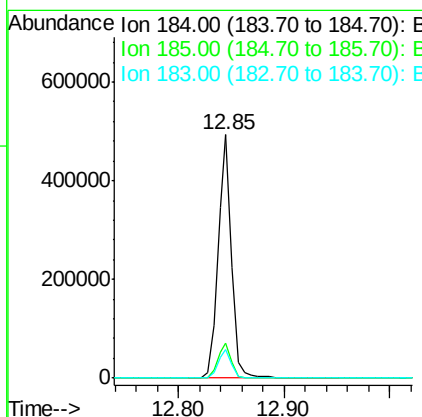
RT: 12.85 min Scan# 1829

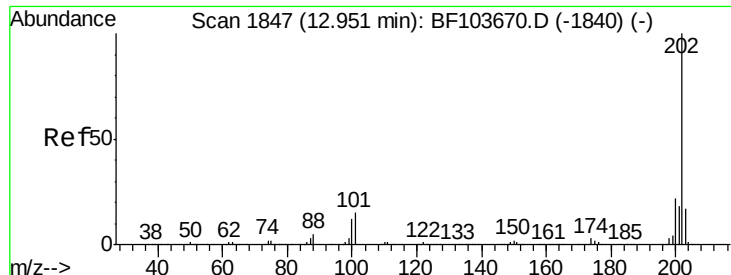
Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Tgt Ion:	184	Resp:	442285
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	18.8
183	11.8	9.3	13.9





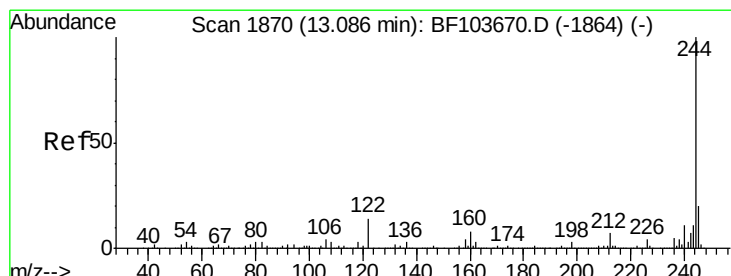
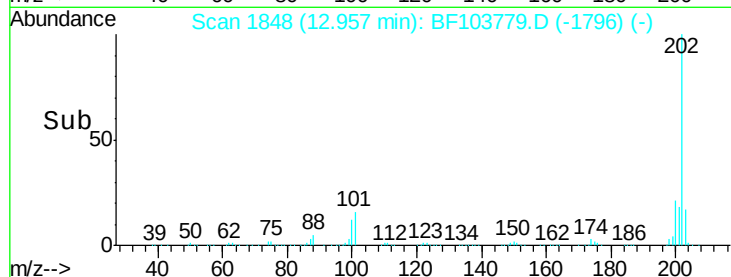
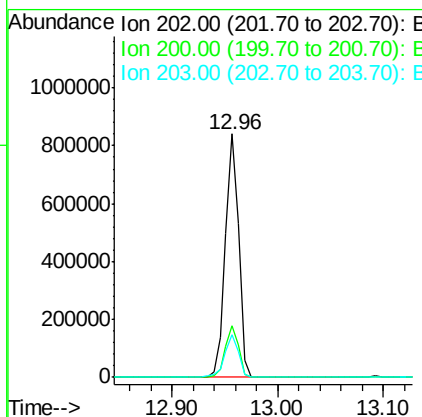
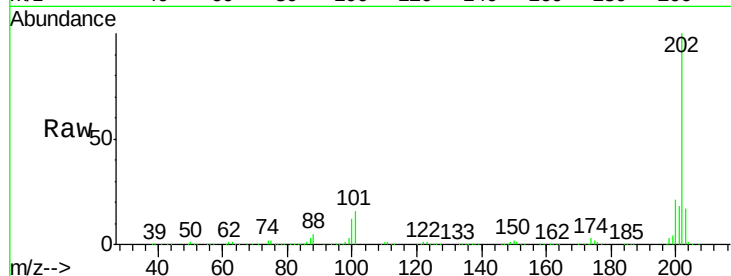
#77
Pvrene
Concen: 33.382 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

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

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.3	14.3	21.5

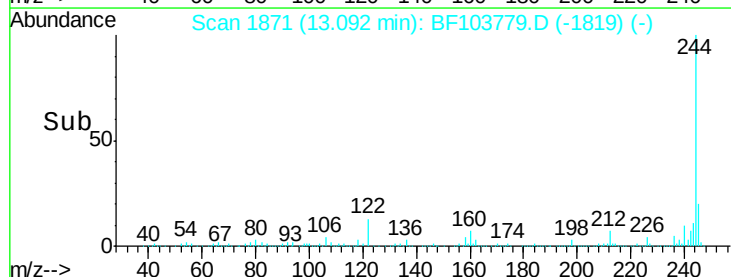
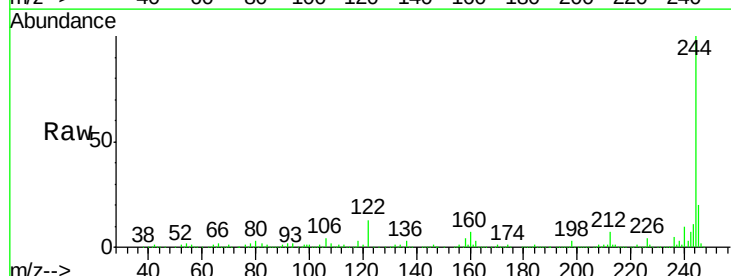
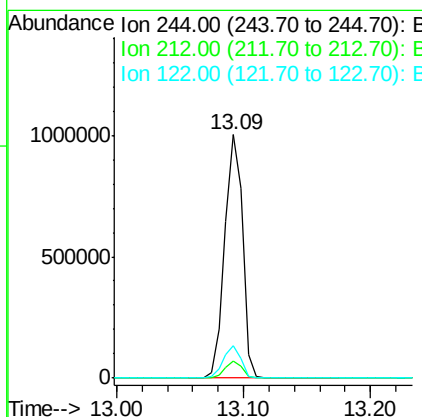
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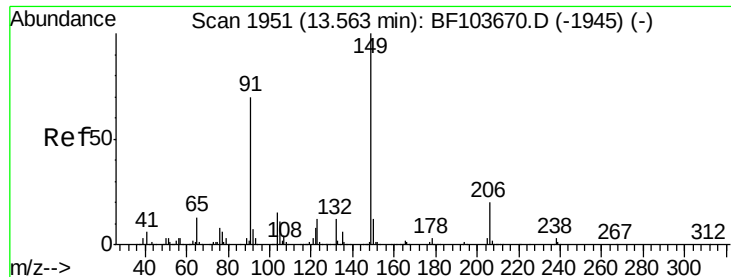
Sohil
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#78
Terphenyl-d14
Concen: 74.671 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.4	11.0	16.4





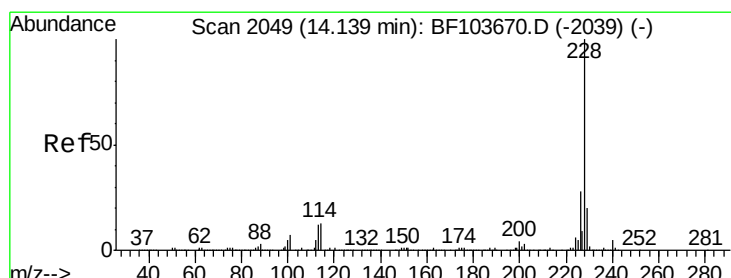
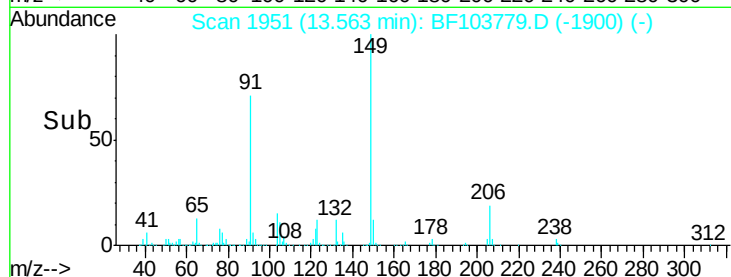
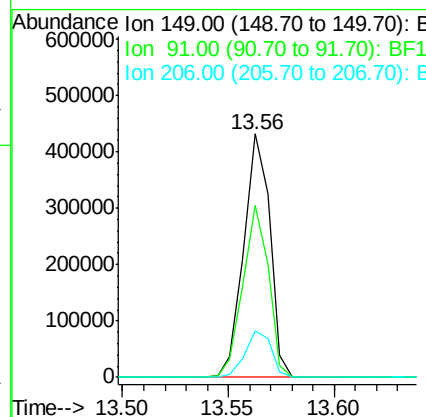
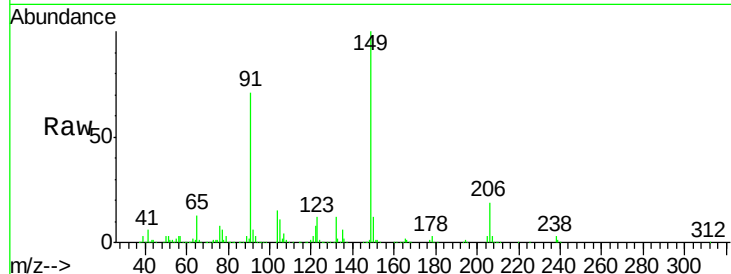
#79
Butylbenzylphthalate
Concen: 37.474 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	369195		
91	70.9	56.8	85.2	
206	19.1	14.1	21.1	

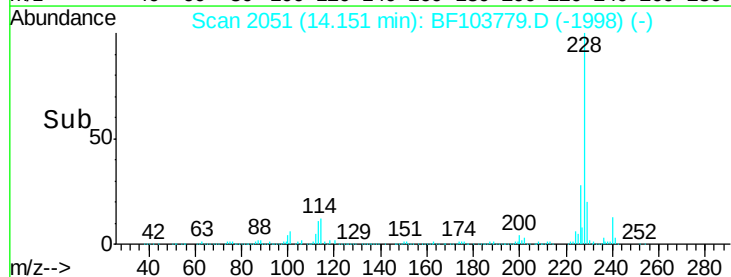
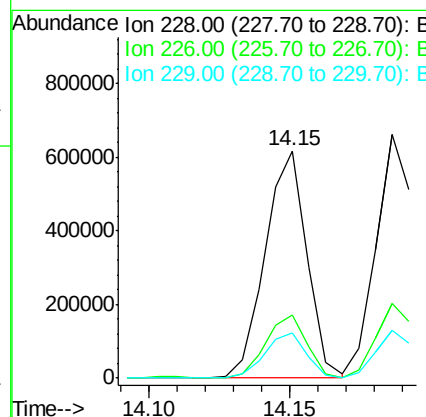
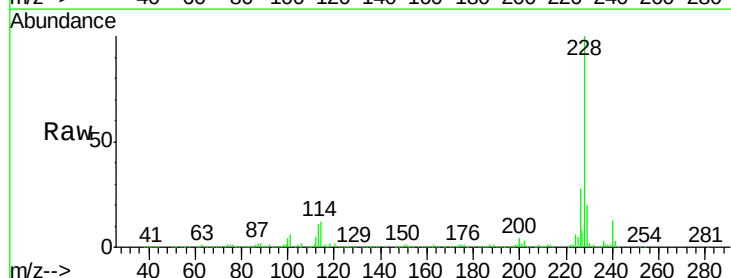
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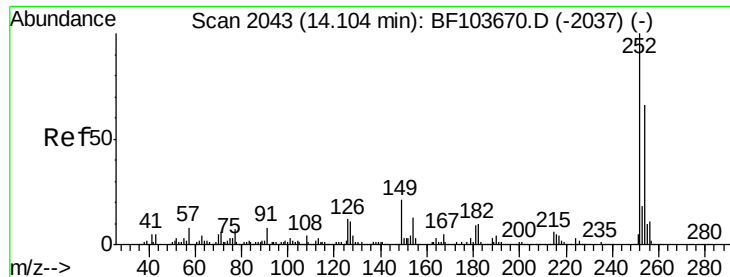
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#80
Benzo(a)anthracene
Concen: 32.802 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	628697		
226	27.8	22.6	33.8	
229	20.1	15.8	23.6	





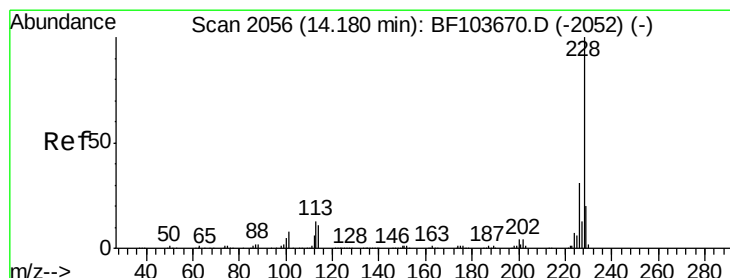
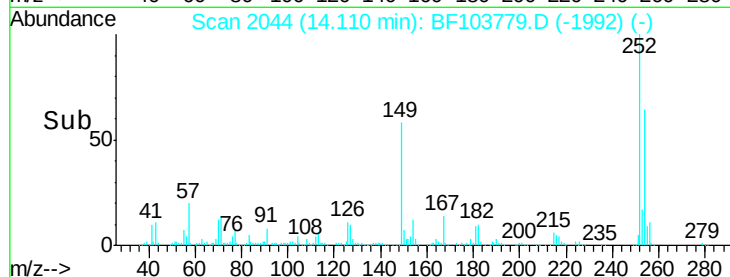
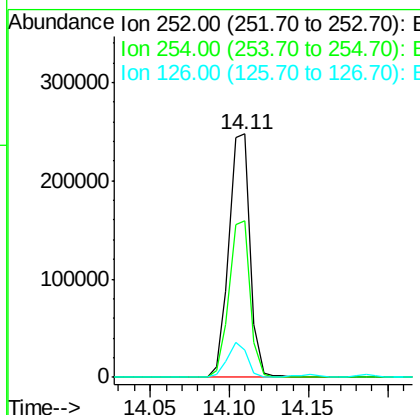
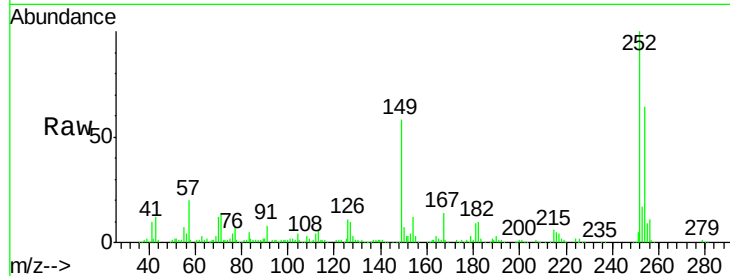
#81
 3,3'-Dichlorobenzidine
 Concen: 35.992 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

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

Tot Ion	Ratio	Resp	Lower	Upper
252	100	230748		
254	64.2	50.4	75.6	
126	11.1	11.3	16.9	

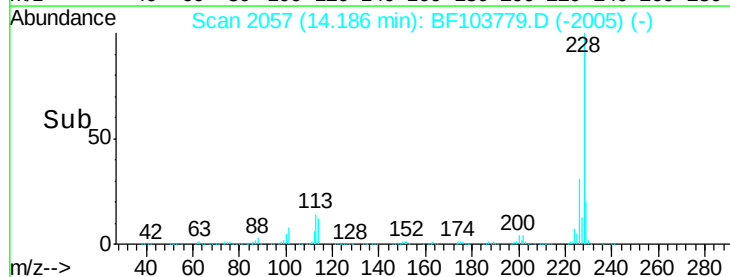
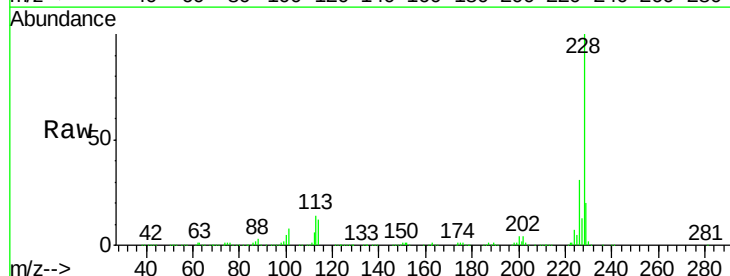
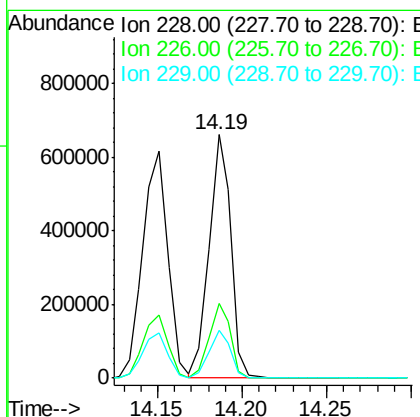
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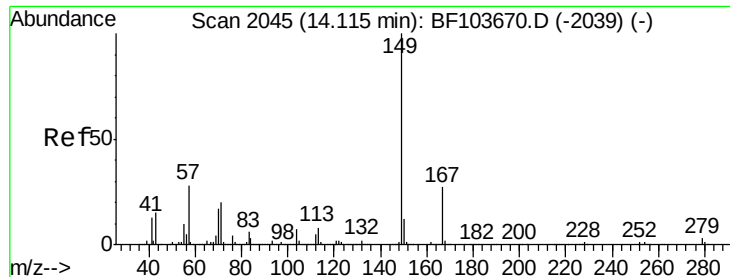
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#82
 Chrysene
 Concen: 32.541 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	594537		
226	30.7	25.0	37.6	
229	19.8	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.578 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

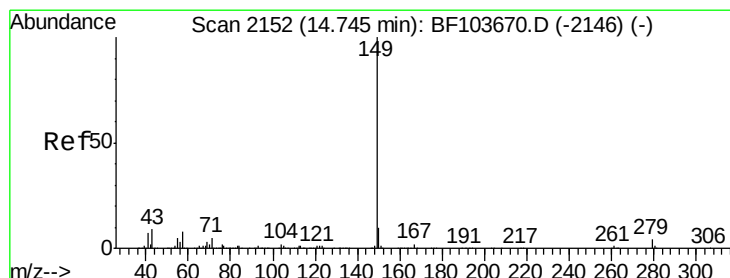
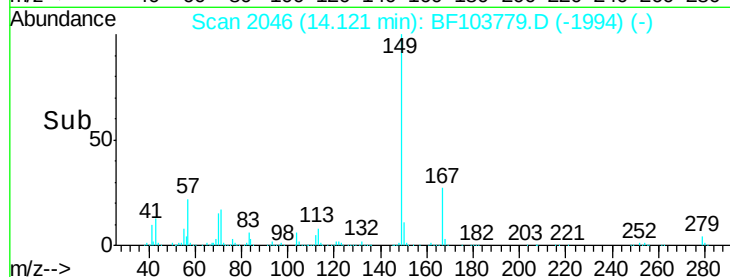
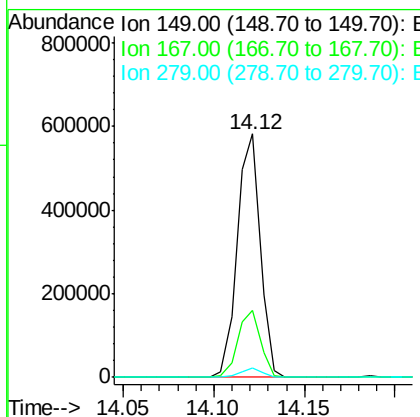
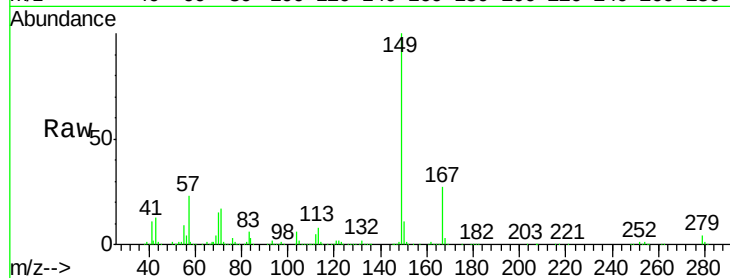
ClientSampleId :

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

Tot Ion:	149	Resp:	514818
Ion Ratio	Lower	Upper	
149	100		
167	27.3	21.3	31.9
279	3.8	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 41.215 ng

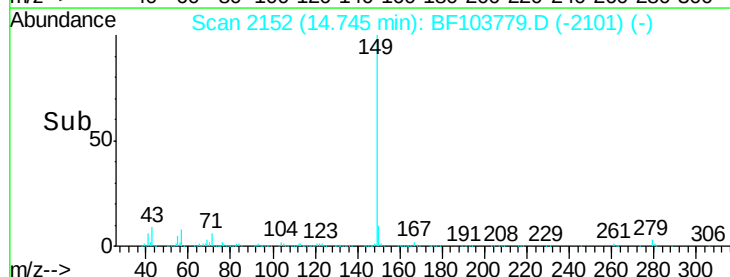
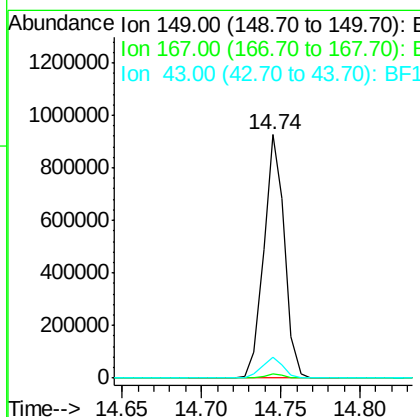
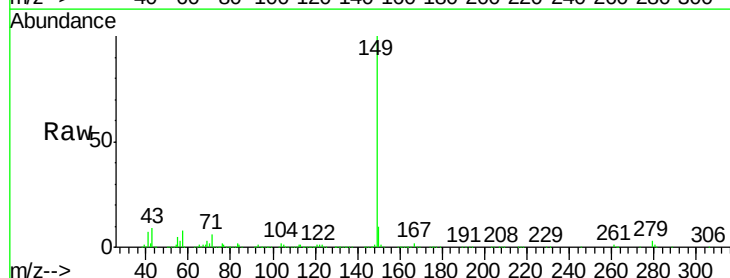
RT: 14.74 min Scan# 2152

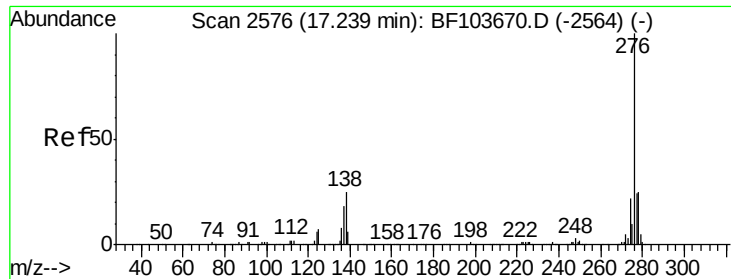
Delta R.T. 0.00 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Tgt Ion:	149	Resp:	843910
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.3	8.4	12.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.605 ng

RT: 17.27 min Scan# 2582

Delta R.T. 0.04 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

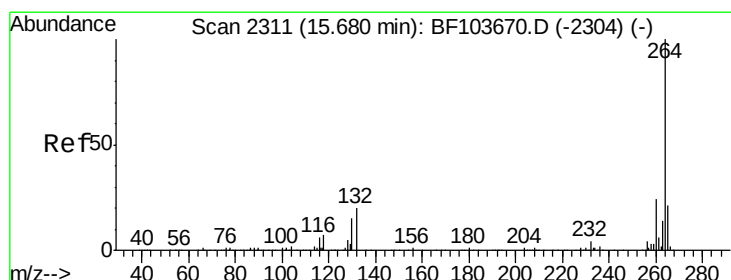
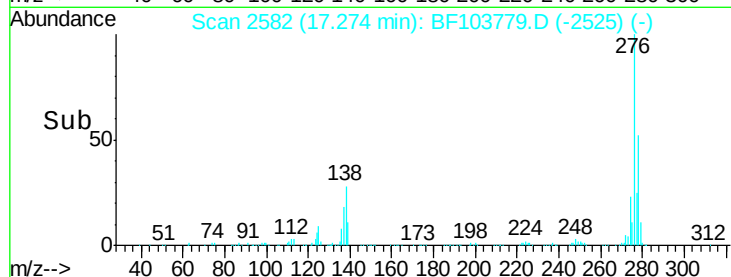
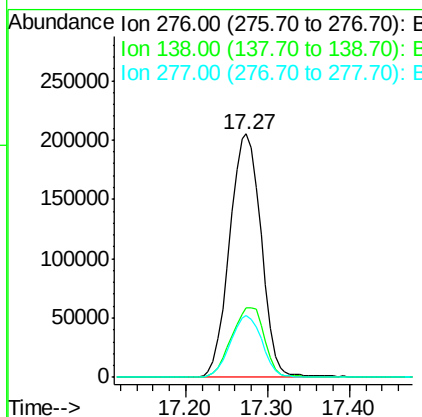
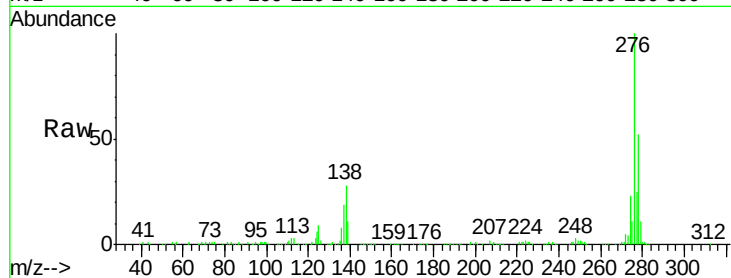
ClientSampleId :

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

Tot Ion:	276	Resp:	552135
Ion Ratio	Lower	Upper	
276	100		
138	30.2	25.0	37.6
277	25.6	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

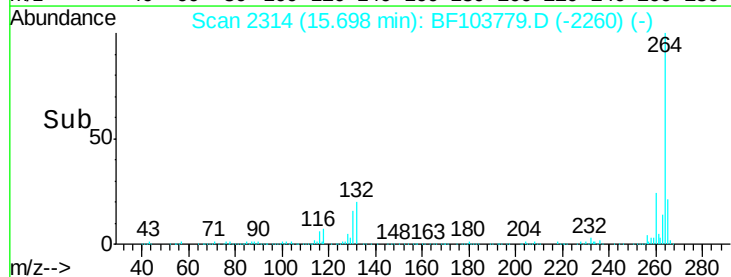
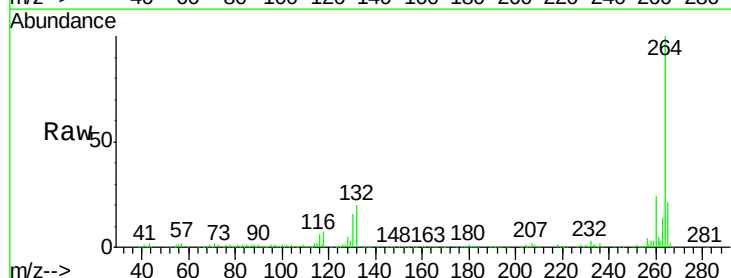
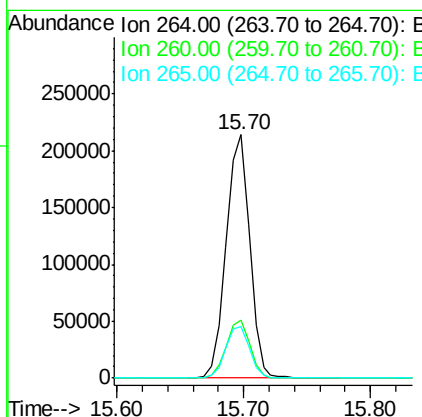
RT: 15.70 min Scan# 2314

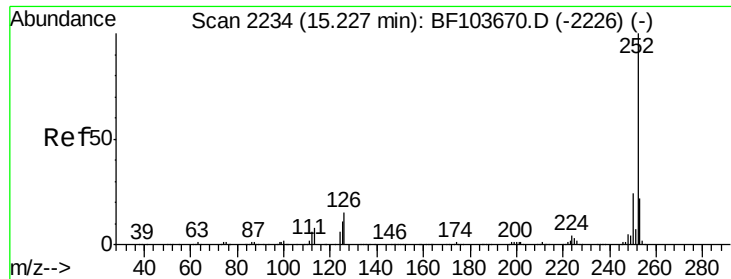
Delta R.T. 0.02 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Tgt Ion:	264	Resp:	275136
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	21.5	17.5	26.3





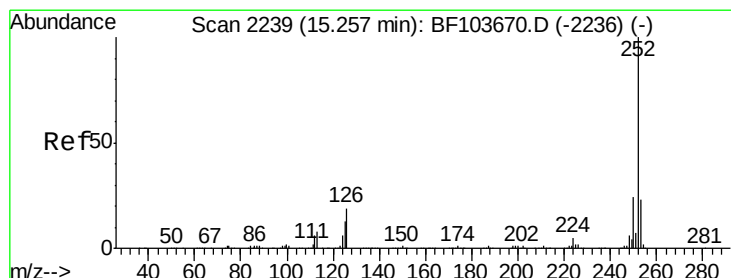
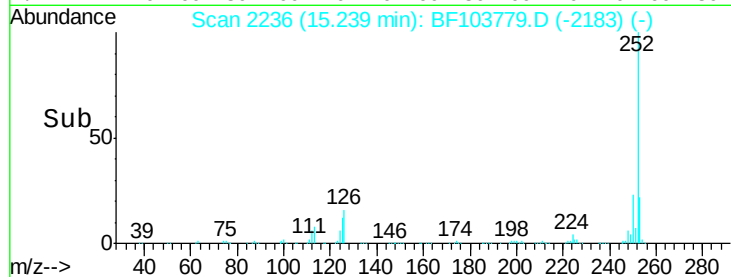
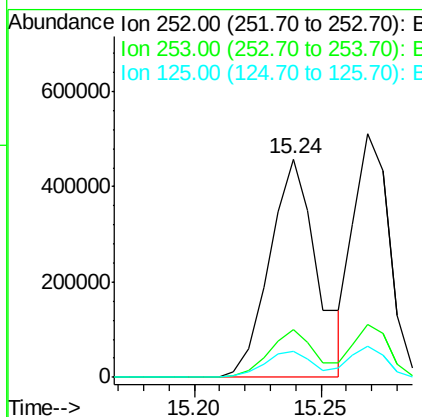
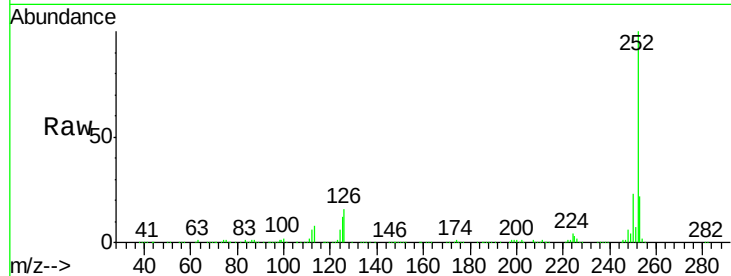
#87
Benzo(b)fluoranthene
Concen: 34.562 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	12.2	9.0	13.6

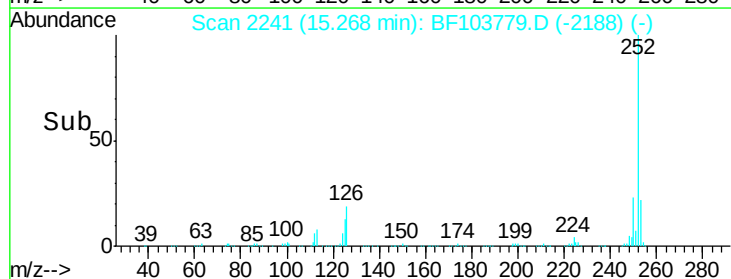
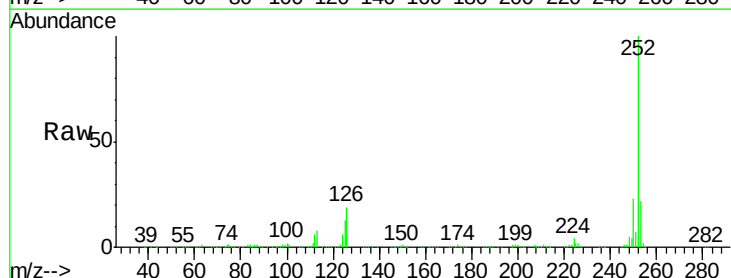
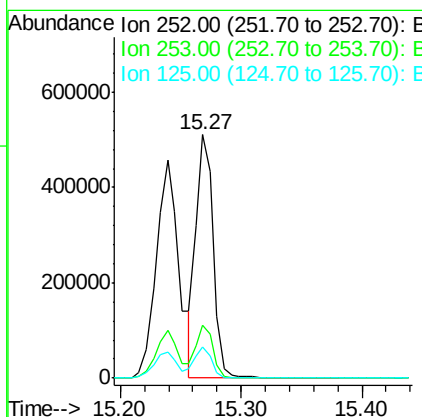
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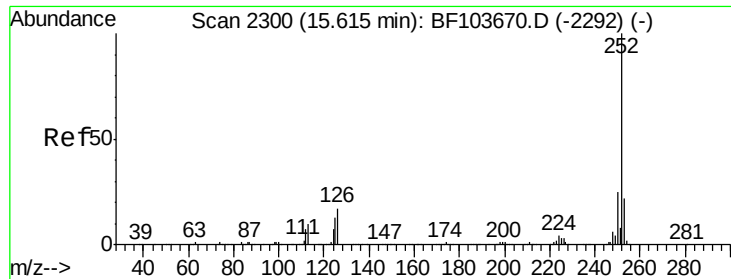
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#88
Benzo(k)fluoranthene
Concen: 30.416 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	12.8	10.2	15.2





#89

Benzo(a)pyrene

Concen: 33.455 ng

RT: 15.63 min Scan# 2303

Delta R.T. 0.02 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

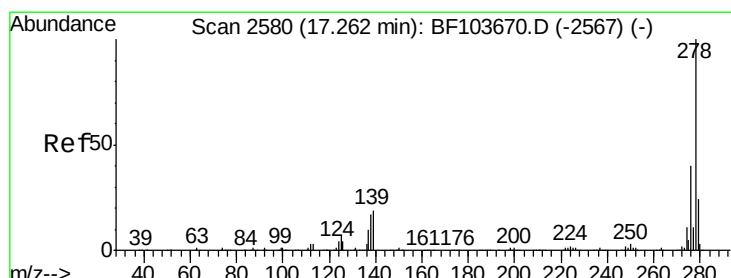
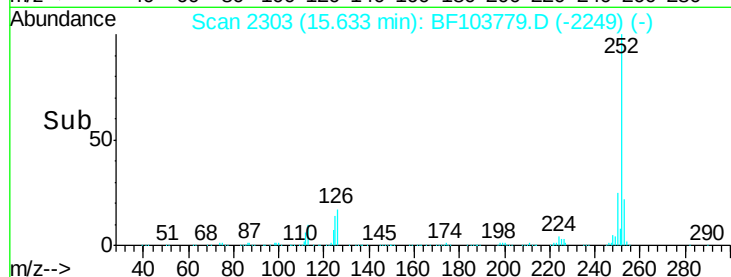
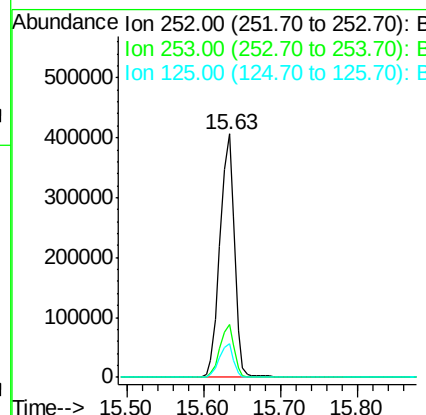
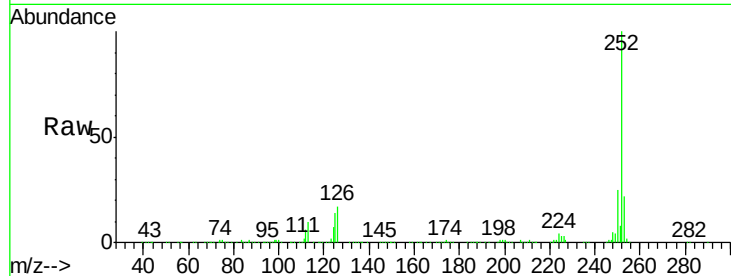
ClientSampleId :

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

Tot Ion:	252	Resp:	527445
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.1	25.7
125	13.7	9.8	14.6

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#90

Dibenzo(a,h)anthracene

Concen: 34.413 ng

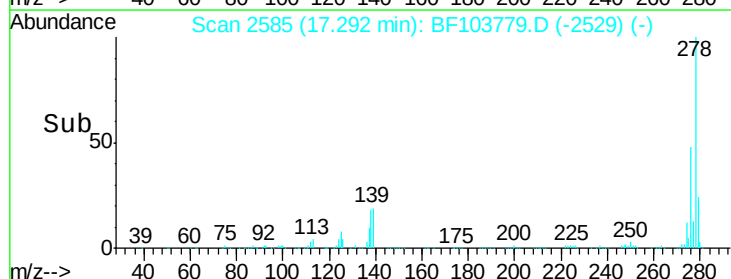
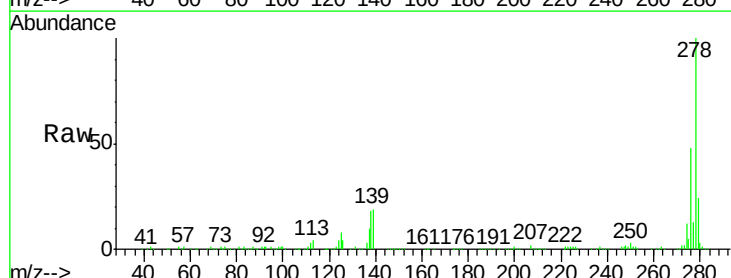
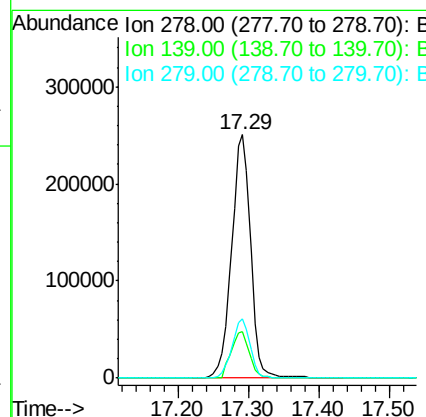
RT: 17.29 min Scan# 2585

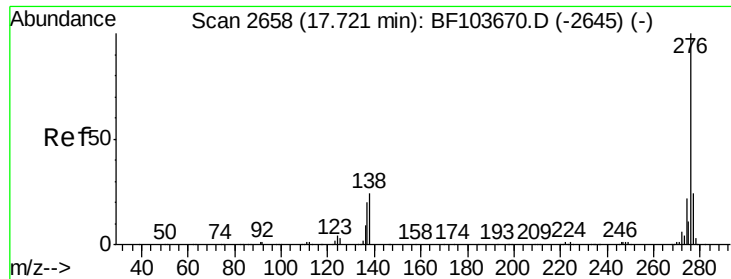
Delta R.T. 0.03 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Tgt Ion:	278	Resp:	469797
Ion Ratio	Lower	Upper	
278	100		
139	19.0	15.9	23.9
279	24.2	19.0	28.4





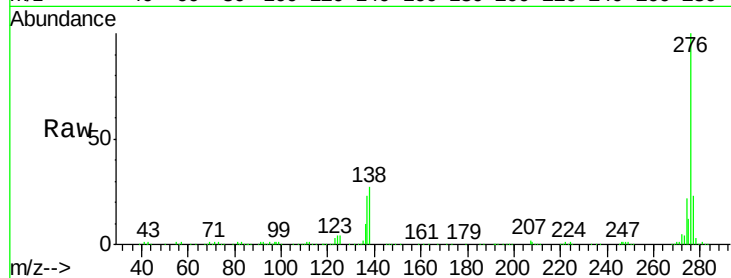
#91
 Benzo(a,h,i)perylene
 Concen: 33.625 ng
 RT: 17.75 min Scan# 2663
 Delta R.T. 0.03 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	26.6	21.8	32.8

Manual Integrations
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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

