

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
 Data File : BF103680.D
 Acq On : 15 Mar 2018 20:42
 Operator : JU/SJ
 Sample : PB107343BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BSD

Manual Integrations
 APPROVED

Sohil
 3/16/2018 12:06:18 PM

Quant Time: Mar 16 05:02:41 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	149152	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	631657	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	299725	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	530533	20.00	ng	0.00
75) Chrysene-d12	14.15	240	425710	20.00	ng	0.00
86) Perylene-d12	15.67	264	391124	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1666274	169.92	ng	0.02
7) Phenol-d6	6.60	99	2113424	176.16	ng	0.01
23) Nitrobenzene-d5	7.53	82	822824	90.84	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	484278	187.92	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1457730	77.58	ng	0.00
78) Terphenyl-d14	13.09	244	1497889	81.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.93	88	221750	45.924	ng	93
3) Pyridine	3.68	79	594046	44.728	ng	92
4) n-Nitrosodimethylamine	3.64	42	243139	49.651	ng	93
6) Aniline	6.63	93	595687	34.772	ng	98
8) 2-Chlorophenol	6.76	128	479818	46.708	ng	97
9) Benzaldehyde	6.52	77	139333	17.678	ng	98
10) Phenol	6.60	94	591631	46.408	ng	98
11) bis(2-Chloroethyl)ether	6.70	93	476707	45.297	ng	96
12) 1,3-Dichlorobenzene	6.91	146	508674	43.477	ng	99
13) 1,4-Dichlorobenzene	6.99	146	511939	43.544	ng	99
14) 1,2-Dichlorobenzene	7.14	146	477647	43.782	ng	99
15) Benzyl Alcohol	7.10	79	436765	46.986	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	669158	44.705	ng	96
17) 2-Methylphenol	7.21	107	418512	45.749	ng	99
18) Hexachloroethane	7.48	117	194197	46.959	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	335013	43.573	ng	96
20) 3+4-Methylphenols	7.36	107	514767	44.340	ng	# 87
22) Acetophenone	7.37	105	677408	41.728	ng	# 96
24) Nitrobenzene	7.55	77	518299	48.740	ng	98
25) Isophorone	7.79	82	982027	46.834	ng	98
26) 2-Nitrophenol	7.86	139	225496	54.213	ng	99
27) 2,4-Dimethylphenol	7.89	122	469608	52.278	ng	97
28) bis(2-Chloroethoxy)methane	7.99	93	607681	47.860	ng	100
29) 2,4-Dichlorophenol	8.10	162	403536	49.377	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	407918	43.035	ng	98
31) Naphthalene	8.27	128	1393908	43.685	ng	100
32) Benzoic acid	8.01	122	286719	45.807	ng	99
33) 4-Chloroaniline	8.32	127	334586	24.994	ng	97
34) Hexachlorobutadiene	8.39	225	217974	41.942	ng	99
35) Caprolactam	8.69	113	129444m	45.998	ng	
36) 4-Chloro-3-methylphenol	8.79	107	435331	48.319	ng	97
37) 2-Methylnaphthalene	8.96	142	918718	45.403	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	363700	42.534	ng	99
40) Hexachlorocyclopentadiene	9.12	237	444701	100.788	ng	99

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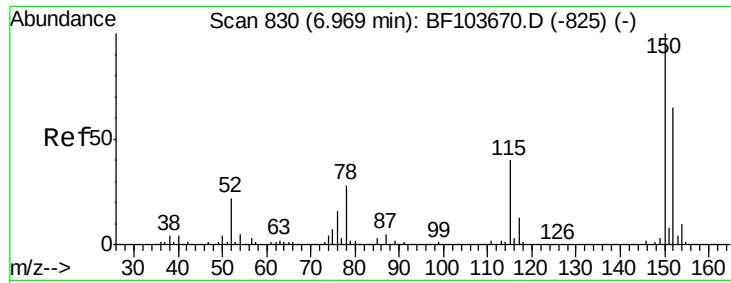
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	270756	49.504	ng	100
43) 2,4,5-Trichlorophenol	9.27	196	280849	45.495	ng	97
45) 1,1'-Biphenyl	9.43	154	1056872	42.287	ng	99
46) 2-Chloronaphthalene	9.46	162	847316	42.684	ng	98
47) 2-Nitroaniline	9.55	65	257274	49.324	ng	95
48) Acenaphthylene	9.87	152	1291641	41.961	ng	99
49) Dimethylphthalate	9.73	163	978342	42.783	ng	100
50) 2,6-Dinitrotoluene	9.79	165	214256	48.399	ng	90
51) Acenaphthene	10.05	154	861707	47.146	ng	99
52) 3-Nitroaniline	9.96	138	167076	32.824	ng	95
53) 2,4-Dinitrophenol	10.06	184	172864	103.226	ng #	22
54) Dibenzofuran	10.22	168	1156696	44.310	ng	97
55) 4-Nitrophenol	10.12	139	411675	97.192	ng	92
56) 2,4-Dinitrotoluene	10.19	165	288924	51.094	ng	96
57) Fluorene	10.56	166	869665	42.933	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	229074	52.370	ng	99
59) Diethylphthalate	10.43	149	965004	42.518	ng	98
60) 4-Chlorophenyl-phenylether	10.55	204	395325	42.704	ng	95
61) 4-Nitroaniline	10.58	138	246833	48.346	ng	96
62) Azobenzene	10.71	77	1013176	43.908	ng	98
64) 4,6-Dinitro-2-methylphenol	10.60	198	111528	53.921	ng	99
65) n-Nitrosodiphenylamine	10.67	169	803463	44.492	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	245152	45.005	ng	96
67) Hexachlorobenzene	11.10	284	266201	42.818	ng	99
68) Atrazine	11.19	200	256087	45.843	ng	99
69) Pentachlorophenol	11.30	266	300472	84.065	ng	97
70) Phenanthrene	11.53	178	1246722	42.959	ng	99
71) Anthracene	11.58	178	1306472	44.323	ng	100
72) Carbazole	11.73	167	1240020	43.283	ng	99
73) Di-n-butylphthalate	12.05	149	1482509	43.127	ng	99
74) Fluoranthene	12.72	202	1315227	43.990	ng	99
76) Benzidine	12.84	184	776336	42.757	ng	99
77) Pyrene	12.95	202	1327503	42.461	ng	99
79) Butylbenzylphthalate	13.56	149	644383	46.521	ng	99
80) Benzo(a)anthracene	14.14	228	1192229	44.243	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	212585	23.585	ng	98
82) Chrysene	14.18	228	1116446	43.462	ng	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	898353	45.399	ng	99
84) Di-n-octyl phthalate	14.74	149	1507142	52.353	ng	98
85) Indeno(1,2,3-cd)pyrene	17.24	276	1038440	46.291	ng	97
87) Benzo(b)fluoranthene	15.22	252	1135921	45.970	ng	97
88) Benzo(k)fluoranthene	15.26	252	1023962	43.108	ng	100
89) Benzo(a)pyrene	15.62	252	1035809	46.216	ng	98
90) Dibenzo(a,h)anthracene	17.26	278	869177	44.787	ng	98
91) Benzo(g,h,i)perylene	17.72	276	854341	45.251	ng	96

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



#1

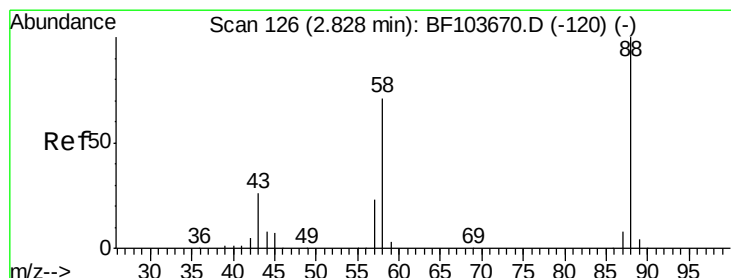
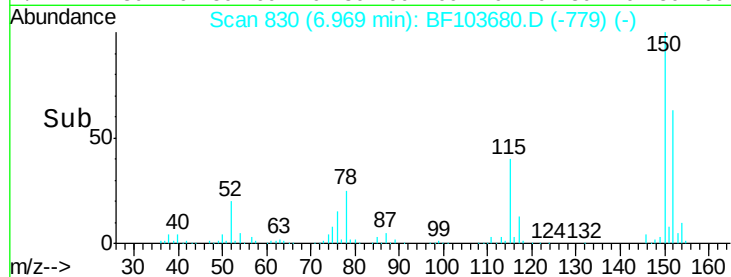
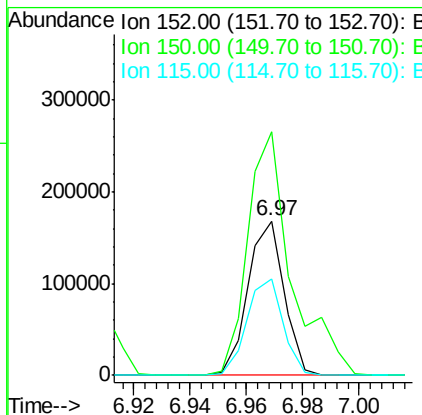
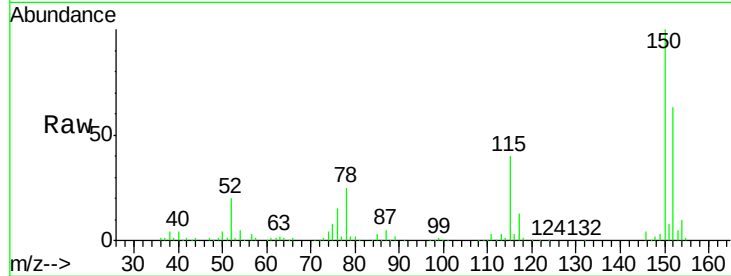
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Instrument :
BNA_F
ClientSampleId :
PB107343BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	62.6	50.1	75.1

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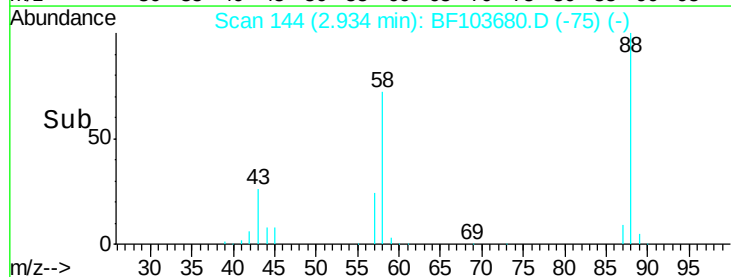
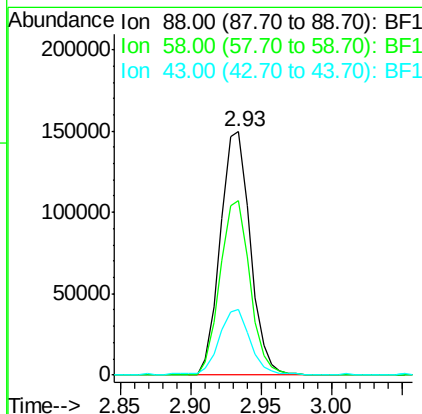
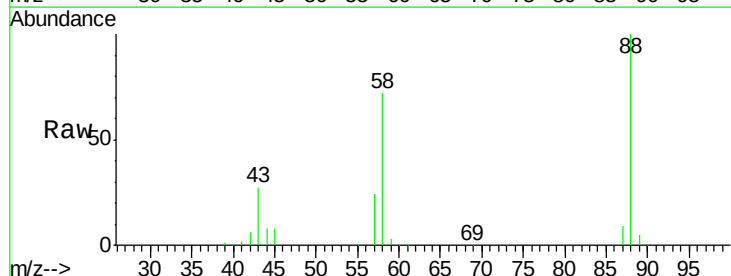
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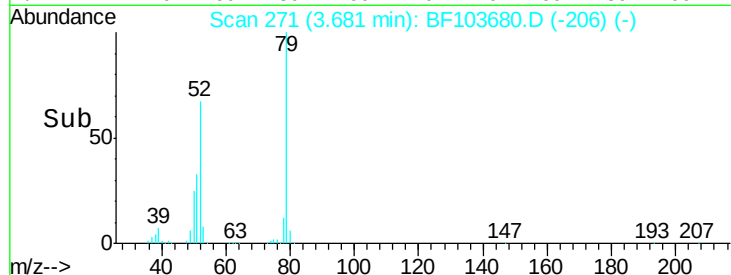
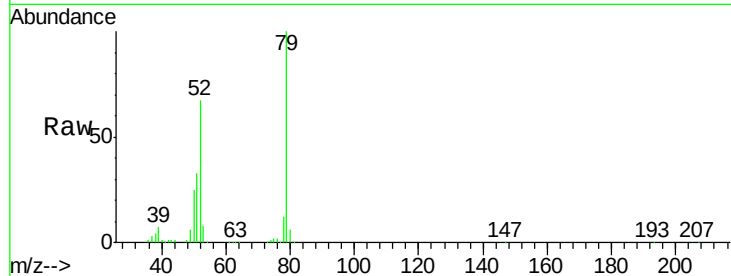
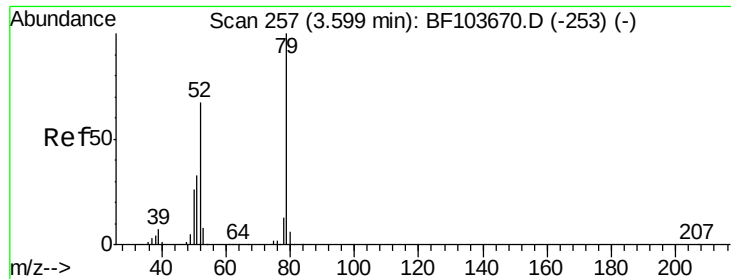


#2

1,4-Dioxane
Concen: 45.924 ng
RT: 2.93 min Scan# 144
Delta R.T. 0.11 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.5	62.6	93.8
43	27.1	24.6	37.0





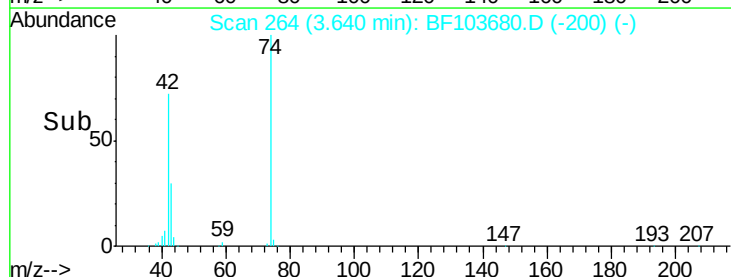
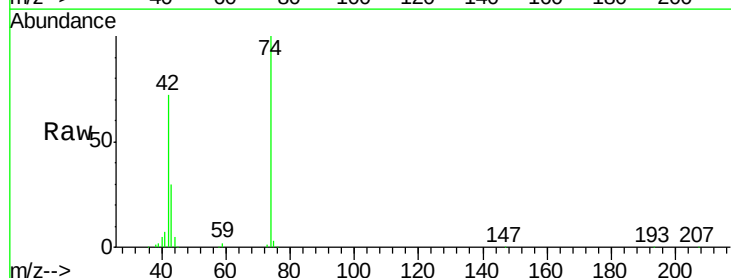
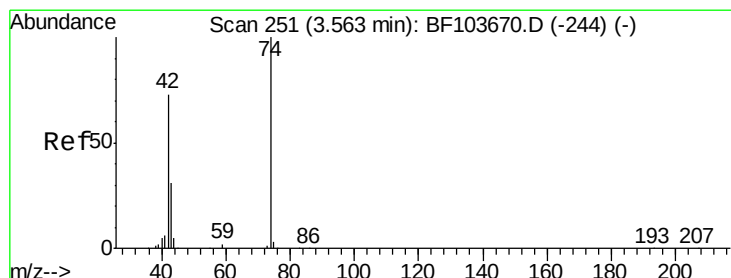
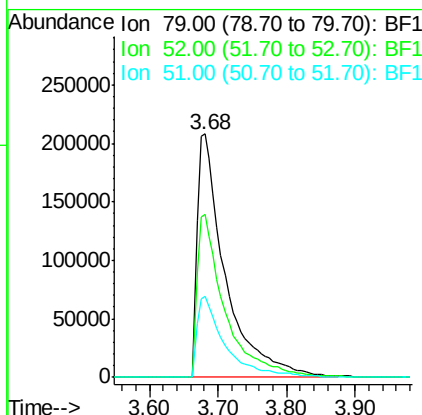
#3
 Pvridine
 Concen: 44.728 ng
 RT: 3.68 min Scan# 271
 Delta R.T. 0.08 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	67.1	59.8	89.6	
51	51	33.3	29.8	44.8	

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BSD

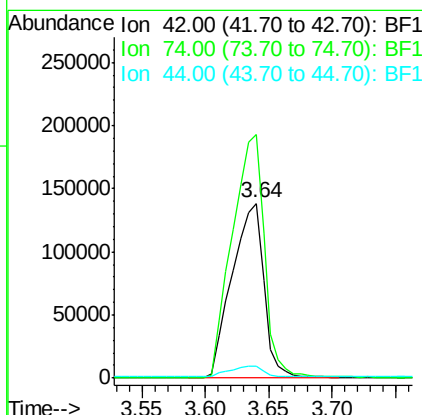
Manual Integrations
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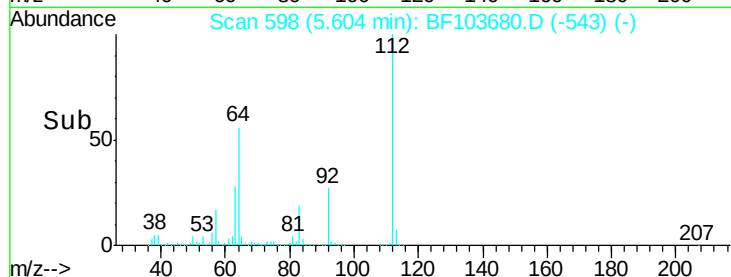
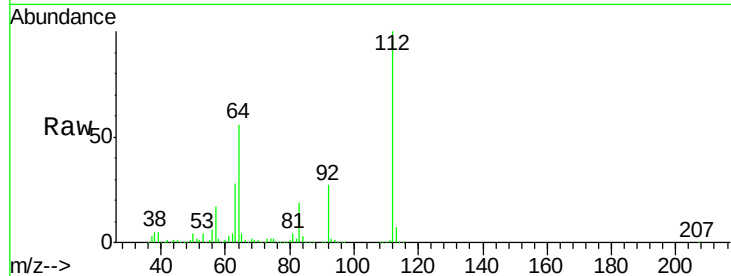
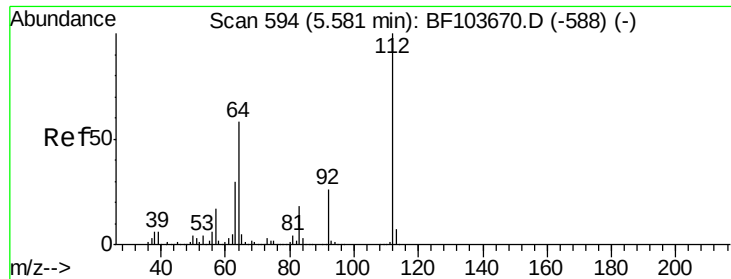
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#4
 n-Nitrosodimethylamine
 Concen: 49.651 ng
 RT: 3.64 min Scan# 264
 Delta R.T. 0.08 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	139.1	104.9	157.3	
44	44	6.9	6.9	10.3	





#5

2-Fluorophenol

Concen: 169.920 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.02 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Tot Ion:	112	Resp:	1666274
Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.9	71.9
63	28.5	23.7	35.5

Instrument :

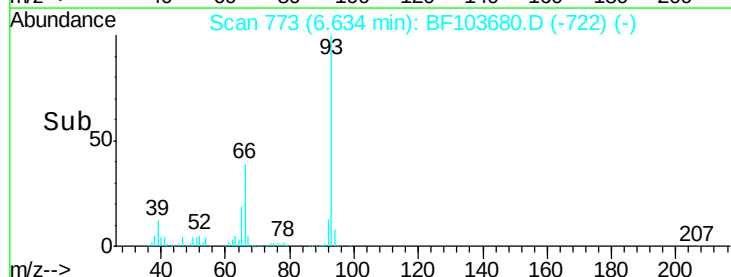
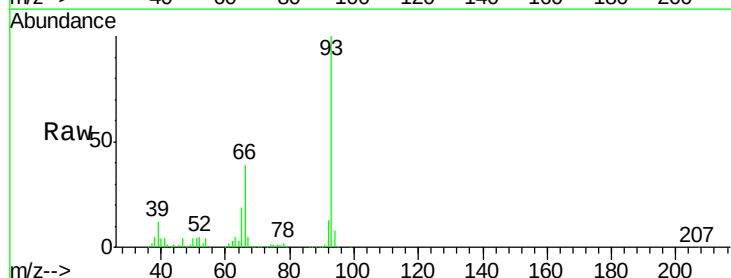
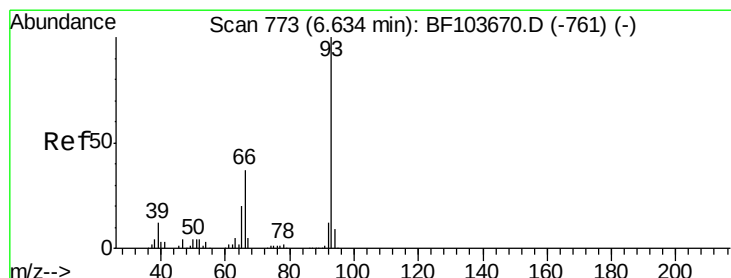
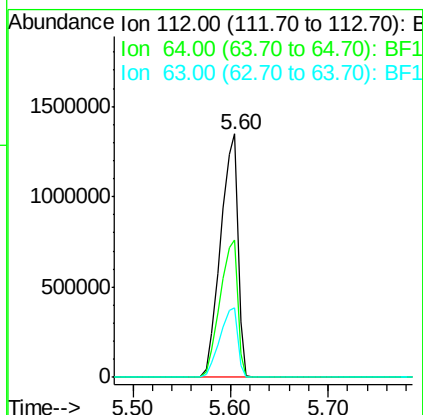
BNA_F

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PB107343BSD

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#6

Aniline

Concen: 34.772 ng

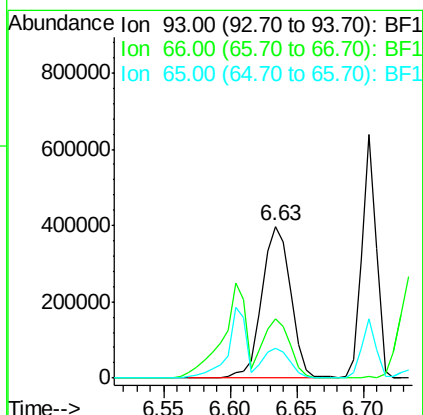
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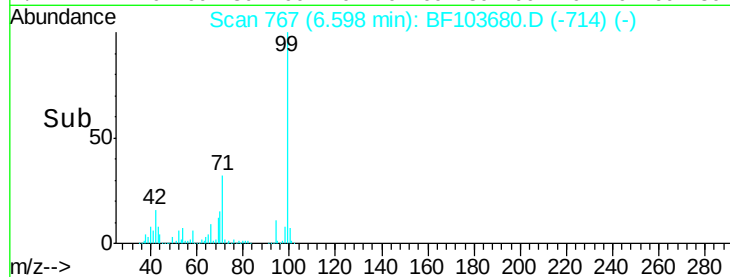
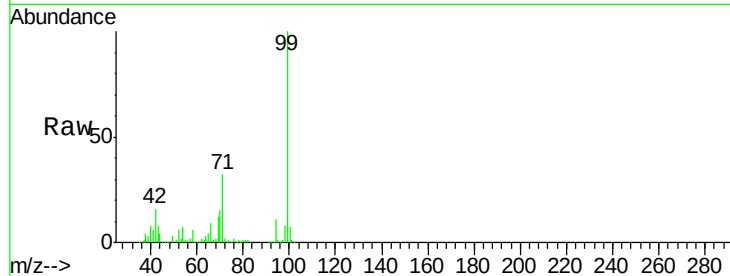
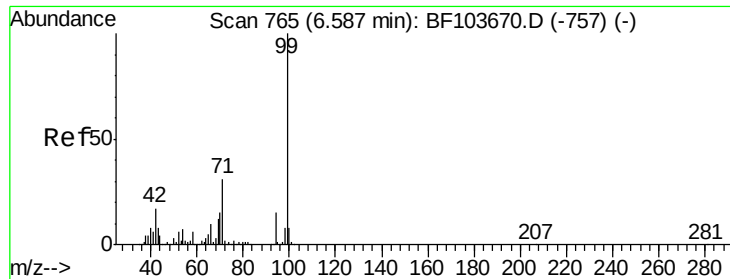
Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Tgt Ion:	93	Resp:	595687
Ion	Ratio	Lower	Upper
93	100		
66	39.0	32.2	48.2
65	19.4	16.4	24.6





#7

Phenol-d6

Concen: 176.160 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Tot Ion:	99	Resp:	2113424
Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.5	21.7
71	32.4	25.4	38.0

Instrument :

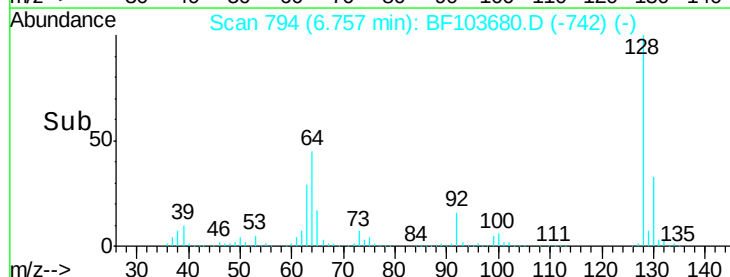
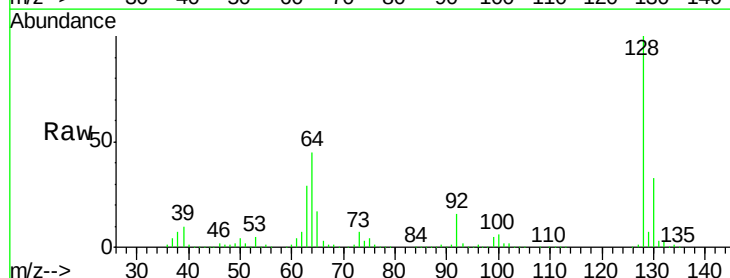
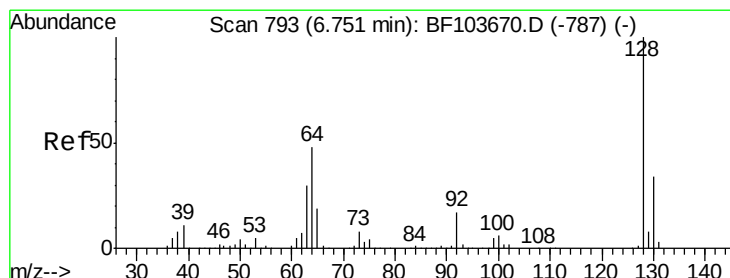
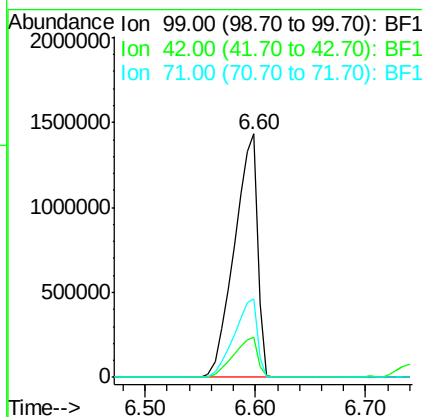
BNA_F

ClientSampleId :

PB107343BSD

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#8

2-Chlorophenol

Concen: 46.708 ng

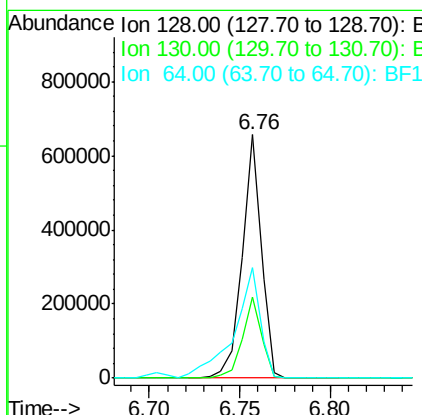
RT: 6.76 min Scan# 794

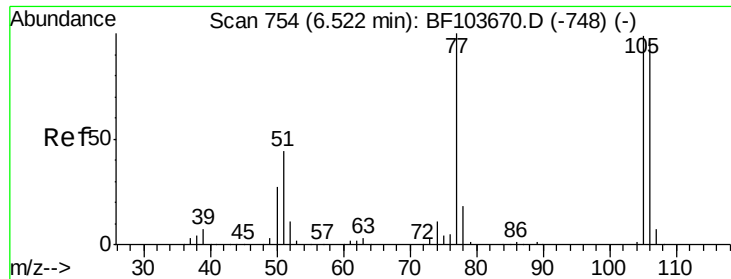
Delta R.T. 0.01 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Tgt Ion:	128	Resp:	479818
Ion	Ratio	Lower	Upper
128	100		
130	33.1	13.0	53.0
64	45.5	29.4	69.4





#9

Benzaldehyde

Concen: 17.678 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

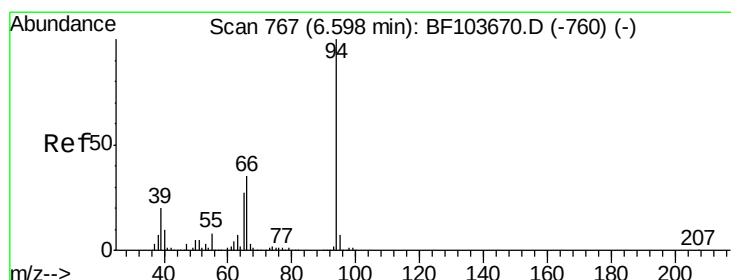
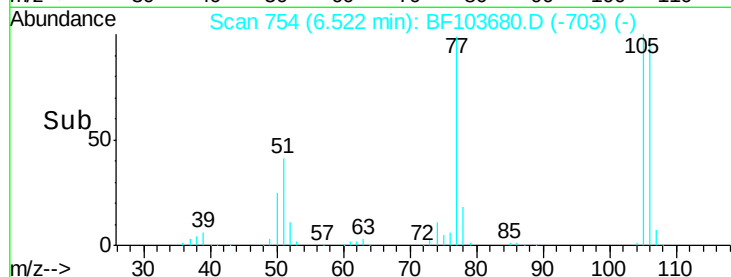
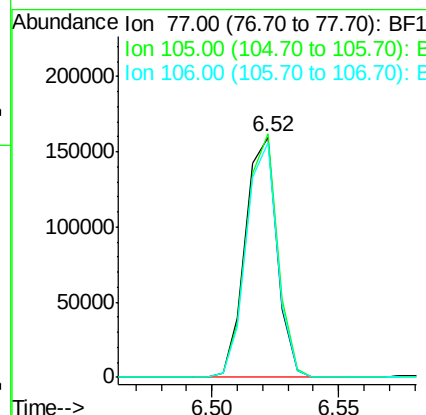
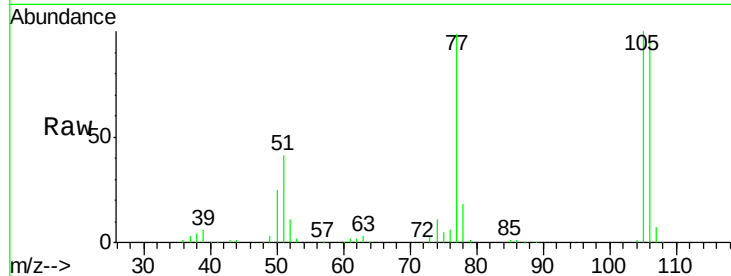
ClientSampleId :

PB107343BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	101.4	81.1	121.1		
106	97.7	74.5	114.5		

Manual Integrations
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#10

Phenol

Concen: 46.408 ng

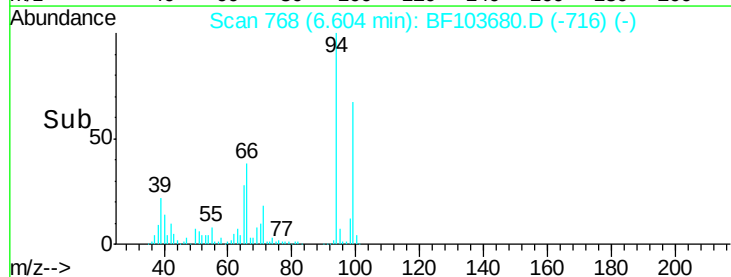
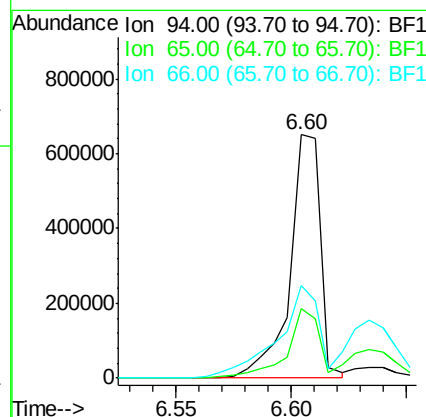
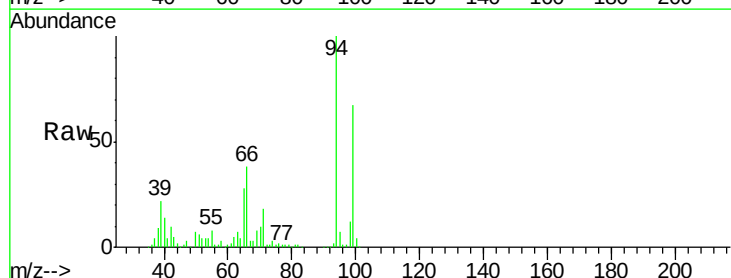
RT: 6.60 min Scan# 768

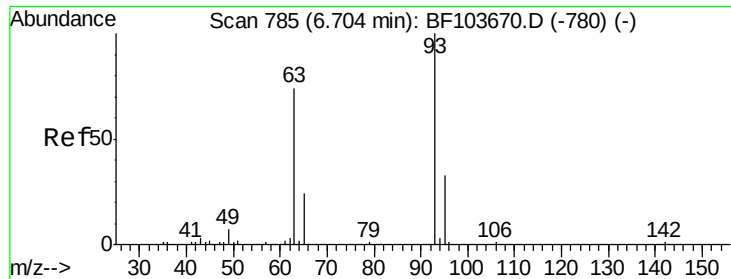
Delta R.T. 0.01 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	28.4	7.9	47.9		
66	38.3	16.2	56.2		





#11

bis(2-Chloroethyl)ether

Concen: 45.297 ng

RT: 6.70 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

ClientSampleId :

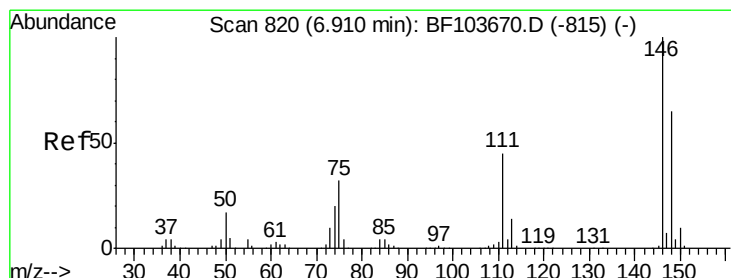
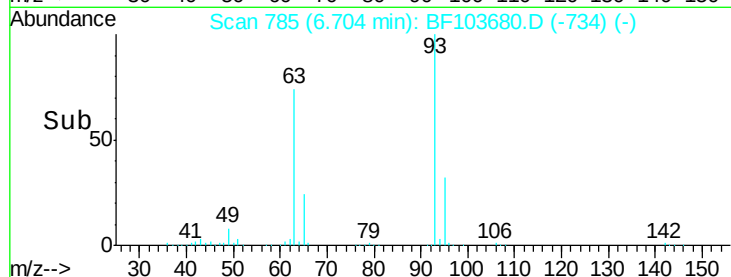
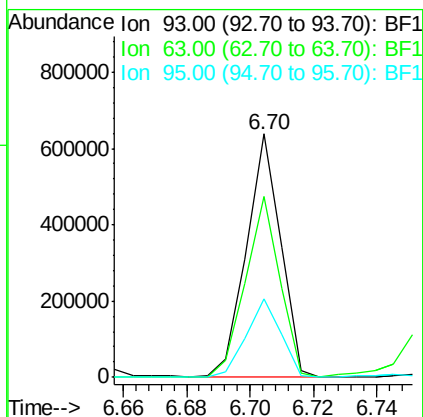
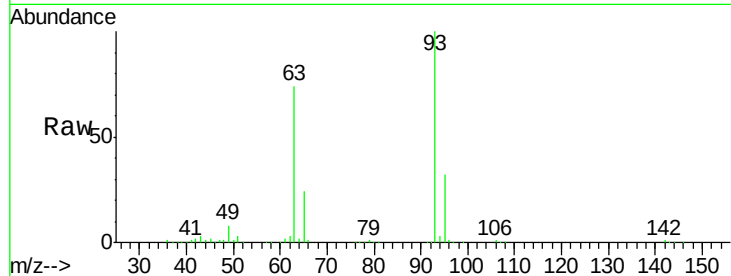
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Tot Ion: 93 Resp: 476707

Ion	Ratio	Lower	Upper
93	100		
63	74.2	58.6	98.6
95	32.4	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 43.477 ng

RT: 6.91 min Scan# 820

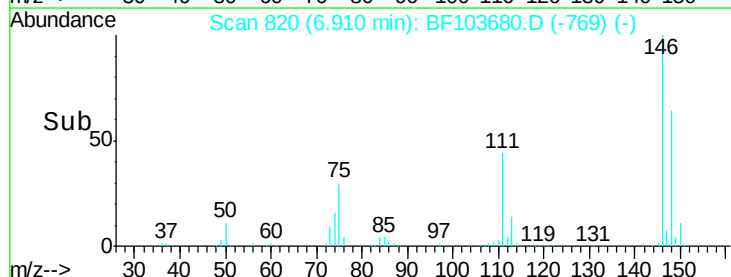
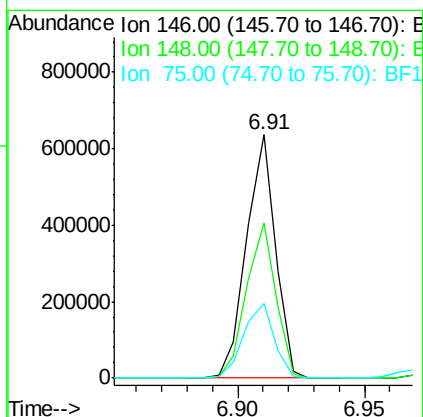
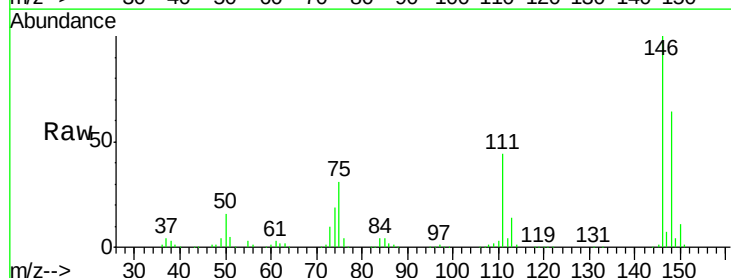
Delta R.T. 0.00 min

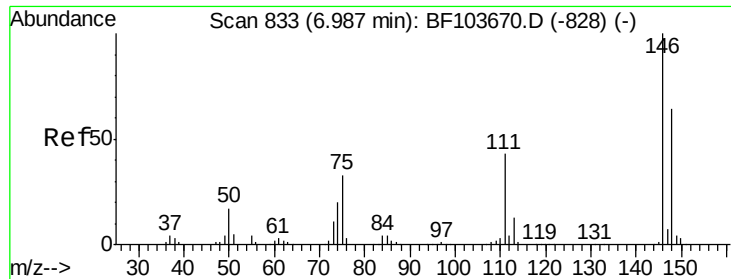
Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Tgt Ion: 146 Resp: 508674

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.8
75	30.9	24.2	36.4





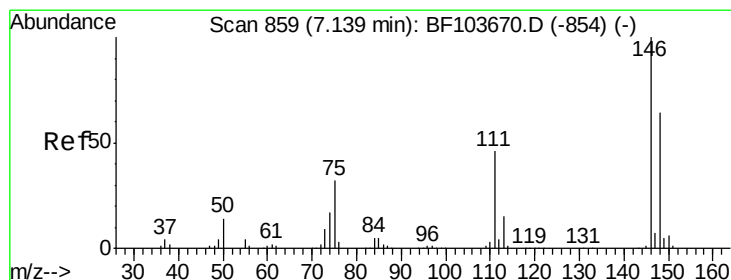
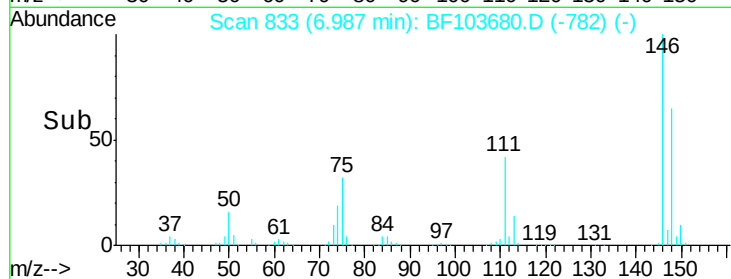
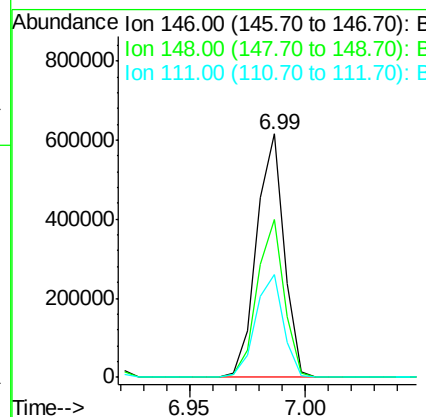
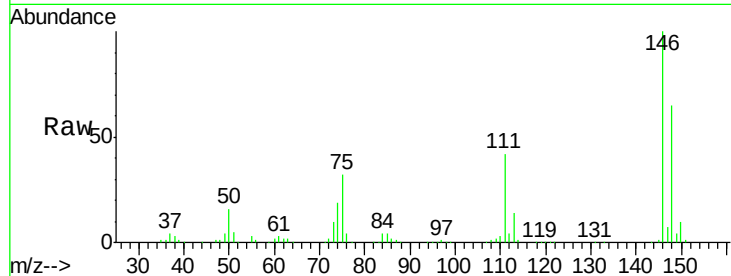
#13
 1,4-Dichlorobenzene
 Concen: 43.544 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.8	76.2
111	42.4	34.2	51.2

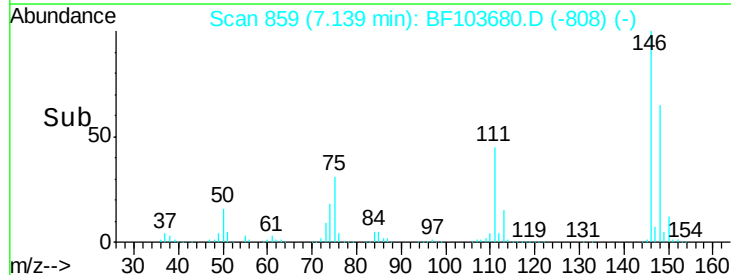
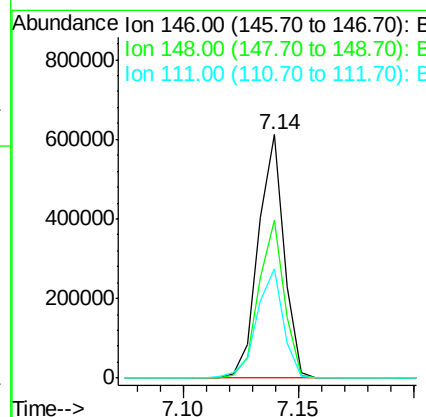
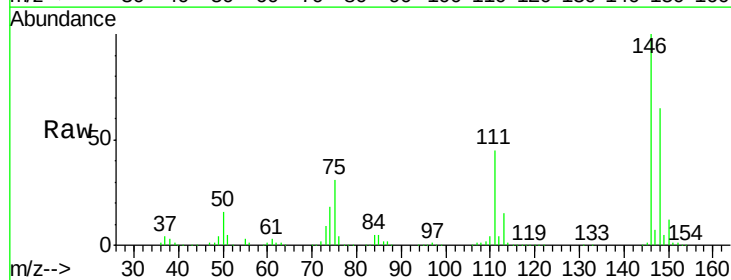
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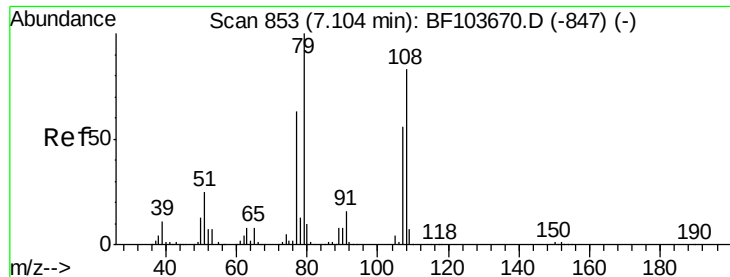
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#14
 1,2-Dichlorobenzene
 Concen: 43.782 ng
 RT: 7.14 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.6	75.8
111	44.7	36.0	54.0





#15

Benzyl Alcohol

Concen: 46.986 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

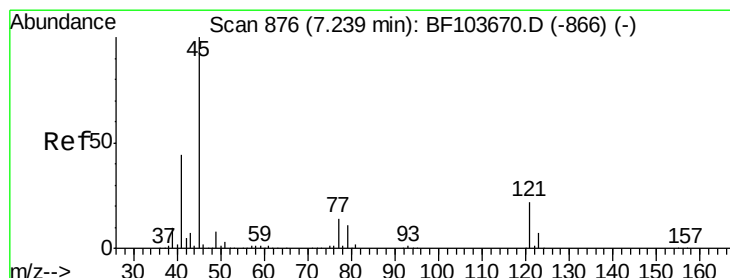
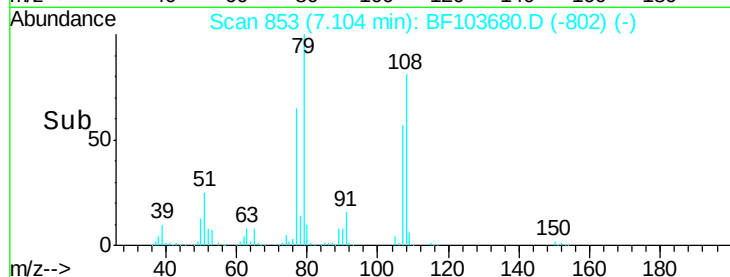
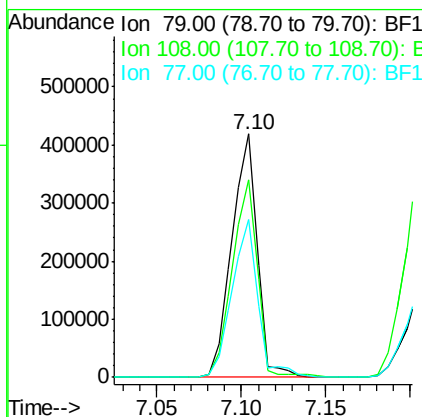
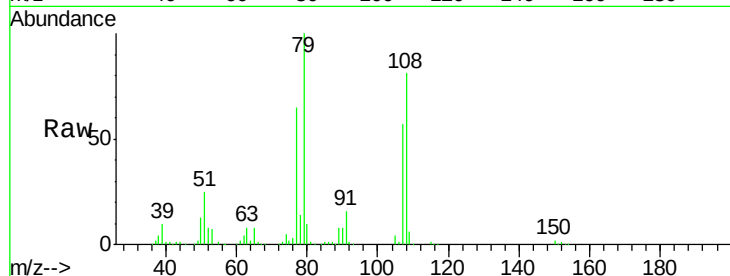
ClientSampleId :

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Tot Ion:	79	Resp:	436765
Ion Ratio	Lower	Upper	
79	100		
108	81.1	65.1	97.7
77	64.8	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 44.705 ng

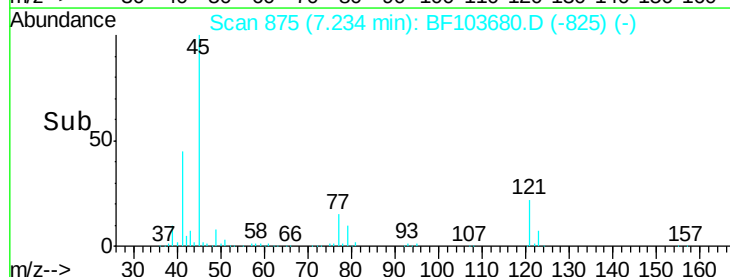
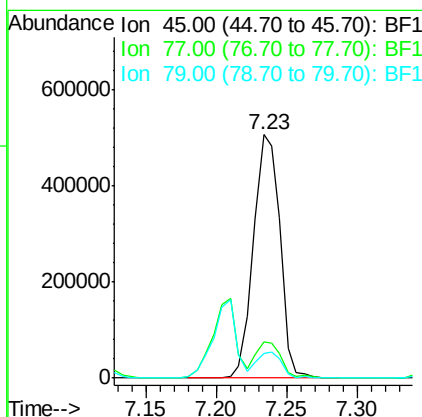
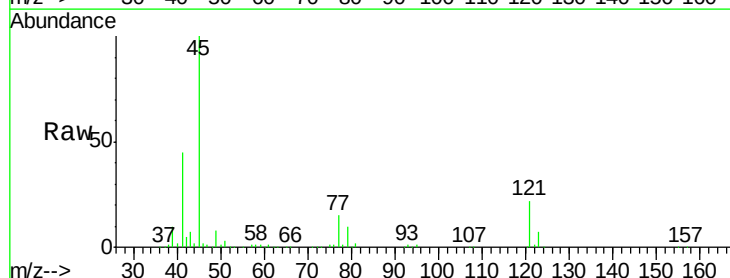
RT: 7.23 min Scan# 875

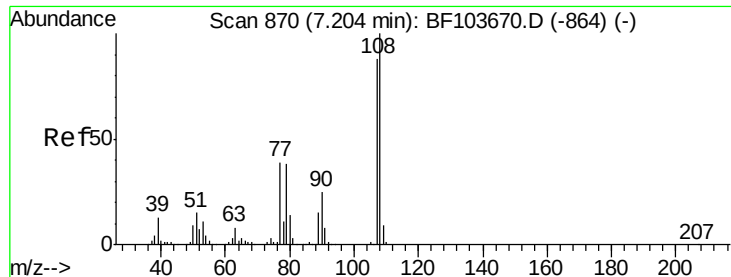
Delta R.T. -0.01 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Tgt Ion:	45	Resp:	669158
Ion Ratio	Lower	Upper	
45	100		
77	14.9	0.0	32.9
79	10.4	0.0	29.6





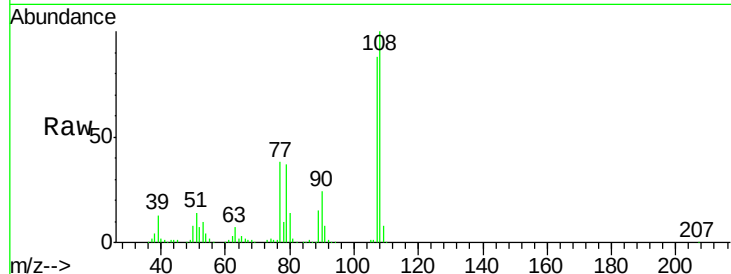
#17
2-Methylphenol
Concen: 45.749 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Instrument :
BNA_F
ClientSampleId :
PB107343BSD

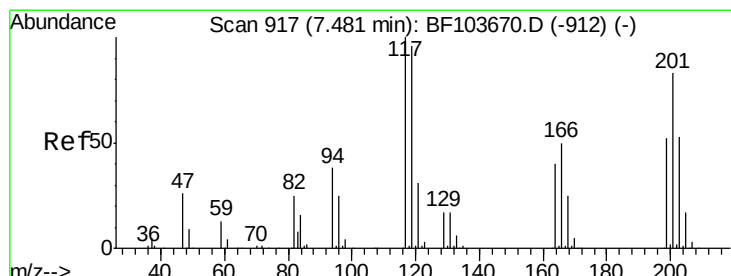
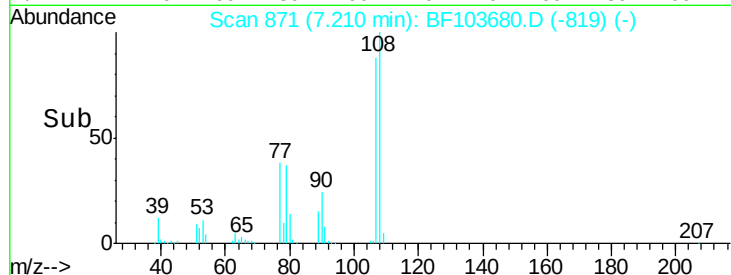
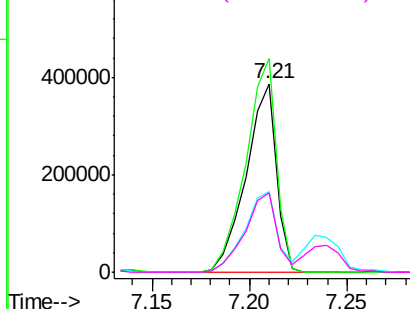
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.4	91.7	137.5	
77	42.9	33.8	50.8	
79	41.9	33.8	50.8	

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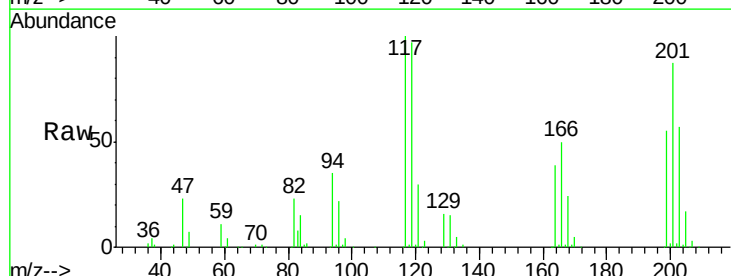


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

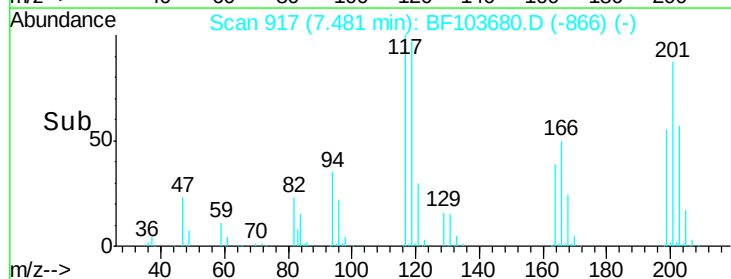
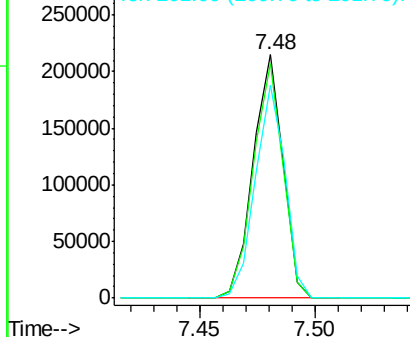


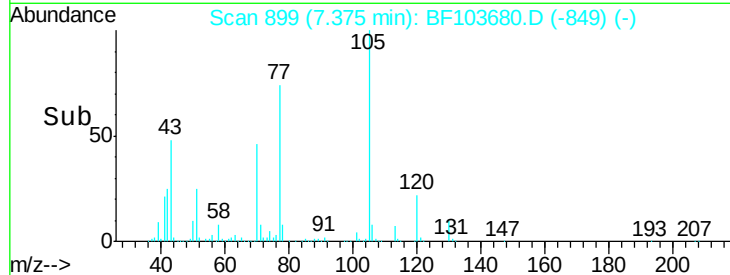
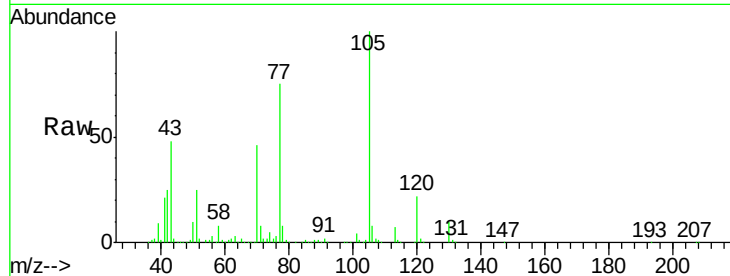
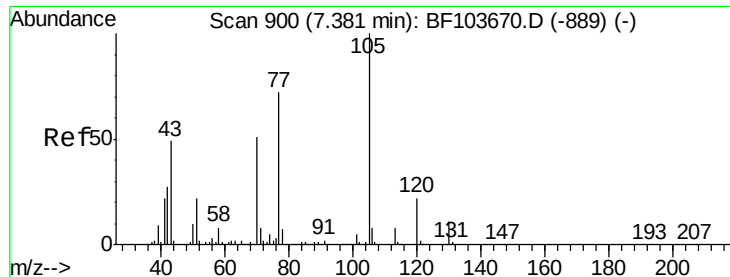
#18
Hexachloroethane
Concen: 46.959 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	75.8	113.8	
201	87.4	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





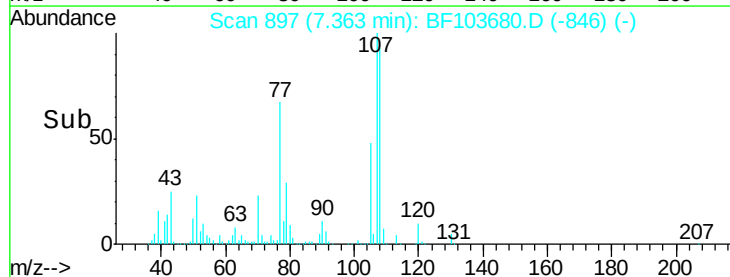
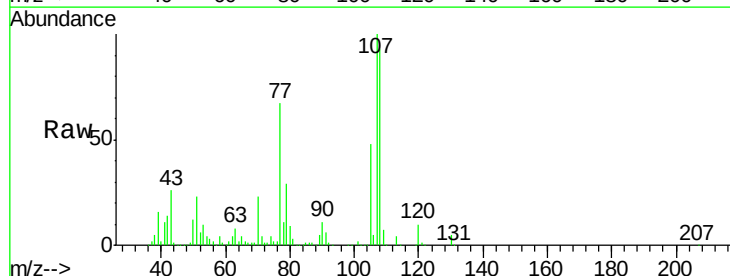
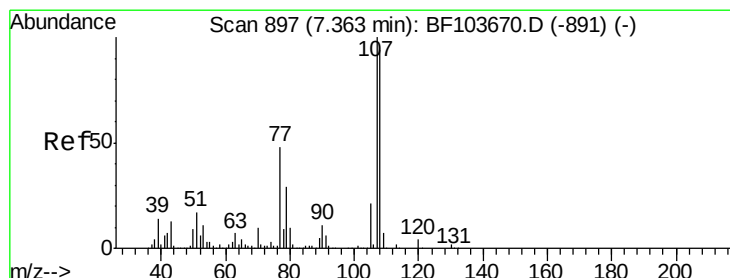
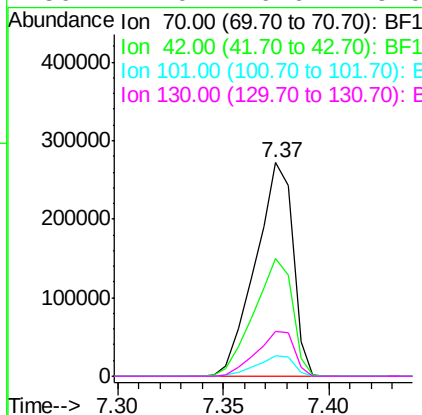
#19
n-Nitroso-di-n-propylamine
Concen: 43.573 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Instrument :
BNA_F
ClientSampleId :
PB107343BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.9	47.5	71.3
101	9.5	7.4	11.2
130	21.0	16.6	25.0

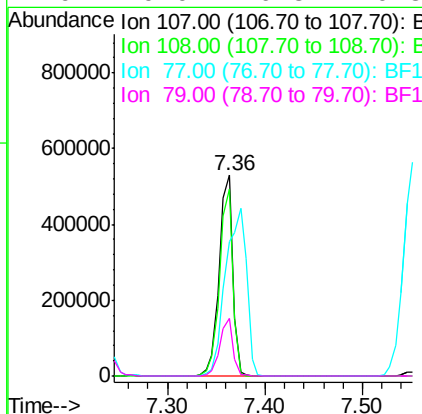
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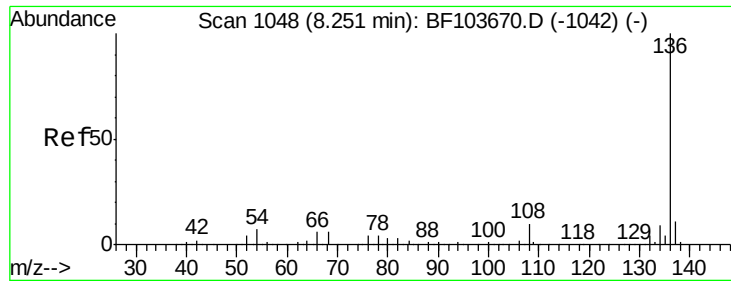
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#20
3+4-Methylphenols
Concen: 44.340 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.3	68.2	108.2
77	67.1	26.7	66.7#
79	29.0	6.3	46.3





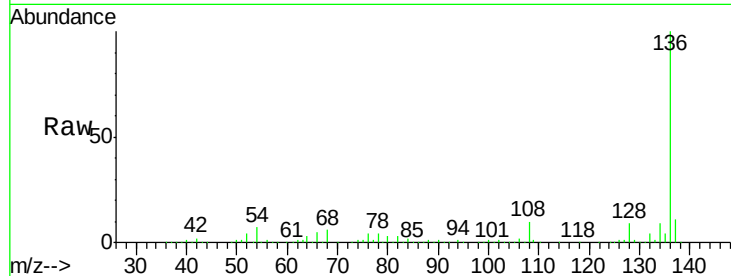
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Instrument :
BNA_F
ClientSampleId :
PB107343BSD

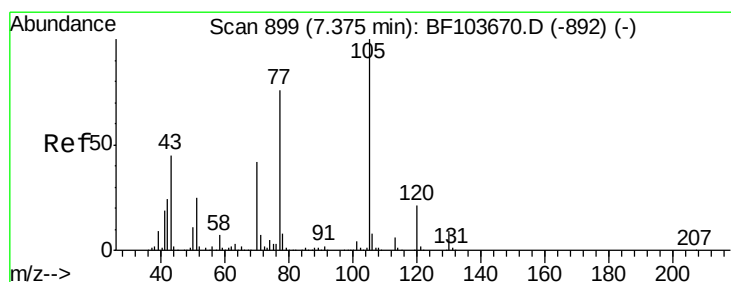
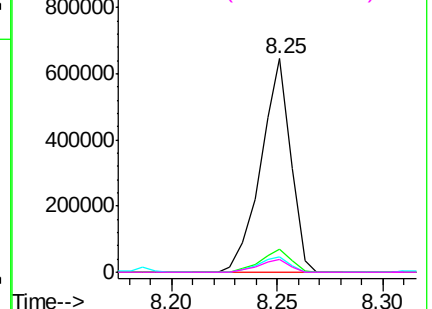
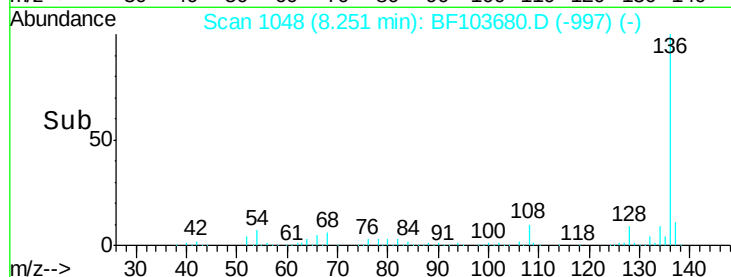
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	7.4	6.6	9.8	
68	6.0	5.0	7.4	

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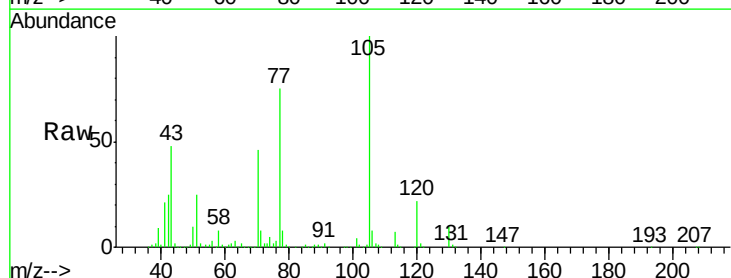


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

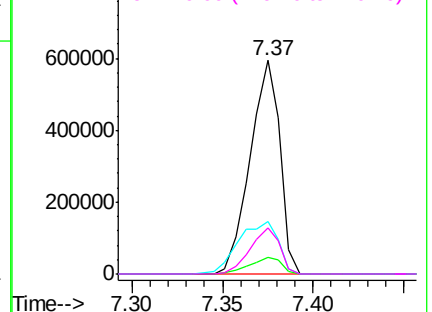
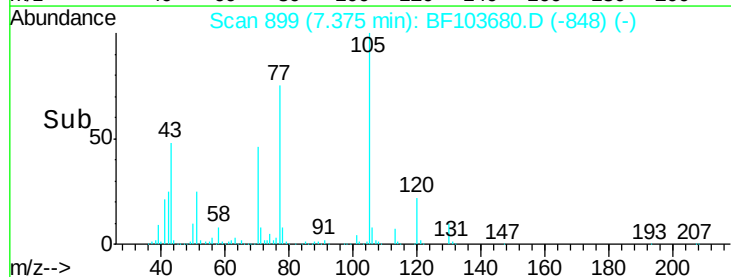


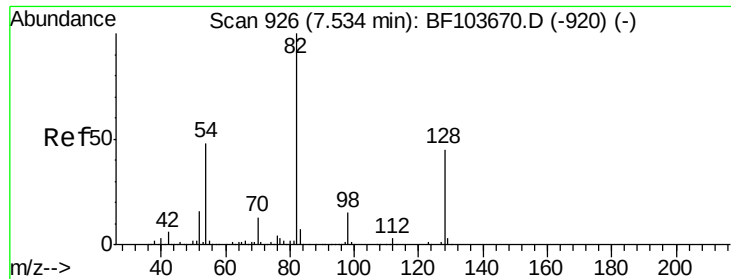
#22
Acetophenone
Concen: 41.728 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.9	4.4	6.6#	
51	24.8	22.3	33.5	
120	21.8	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





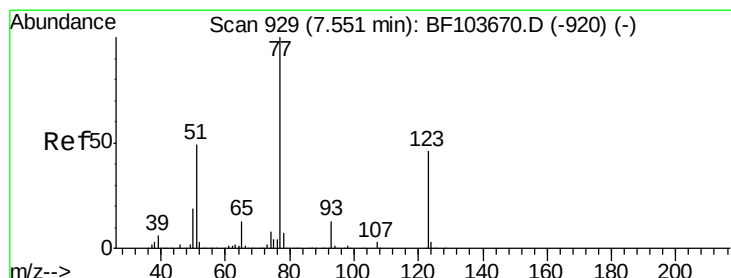
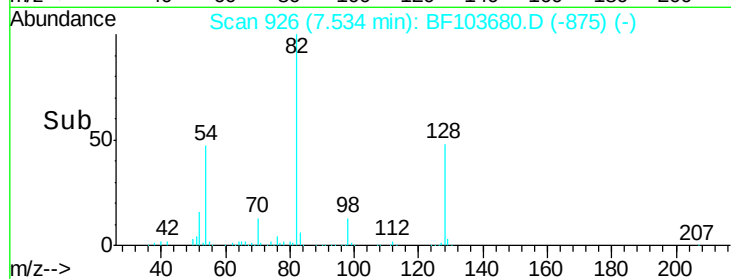
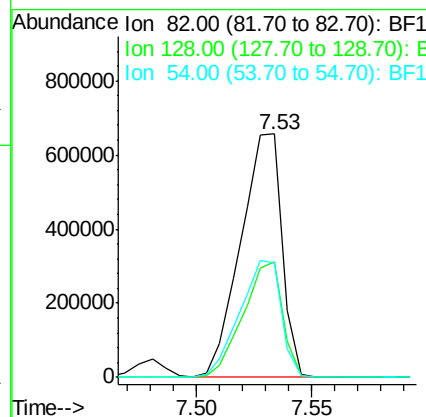
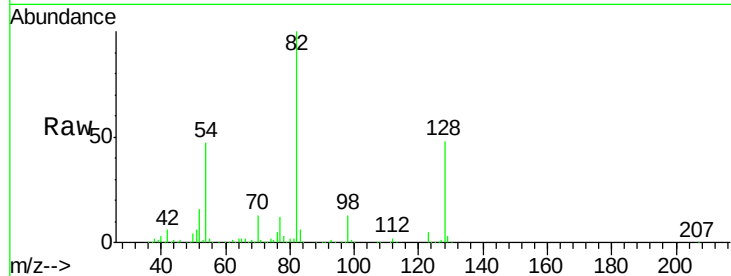
#23
 Nitrobenzene-d5
 Concen: 90.841 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	822824		
128	47.6	36.1	54.1	
54	46.8	41.4	62.2	

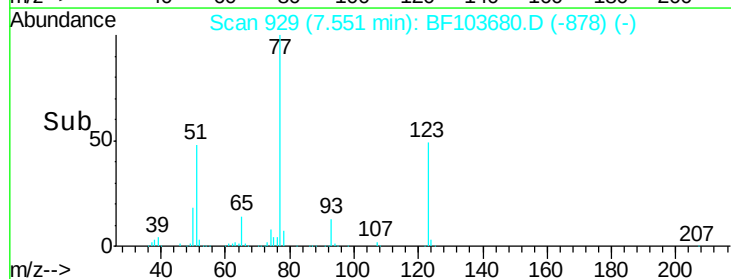
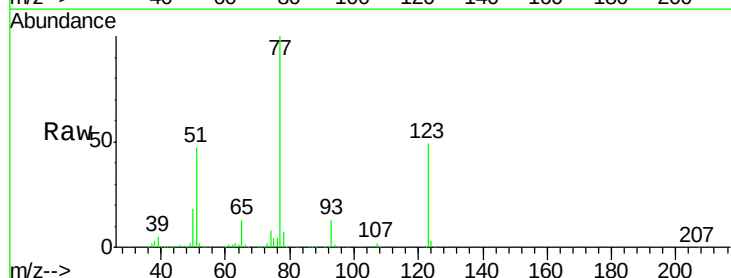
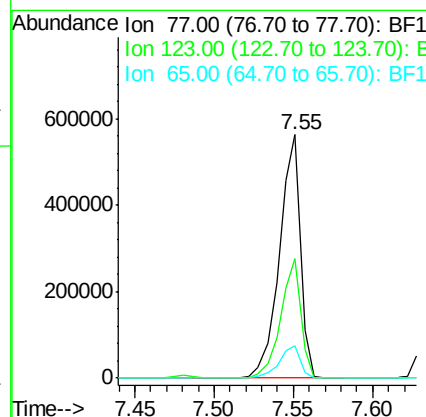
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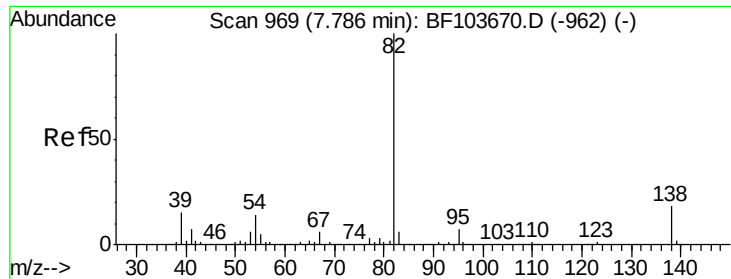
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#24
 Nitrobenzene
 Concen: 48.740 ng
 RT: 7.55 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	518299		
123	48.9	37.9	56.9	
65	13.4	11.0	16.4	





#25

Isophorone

Concen: 46.834 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

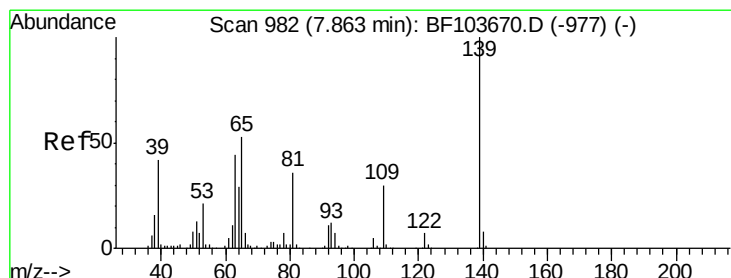
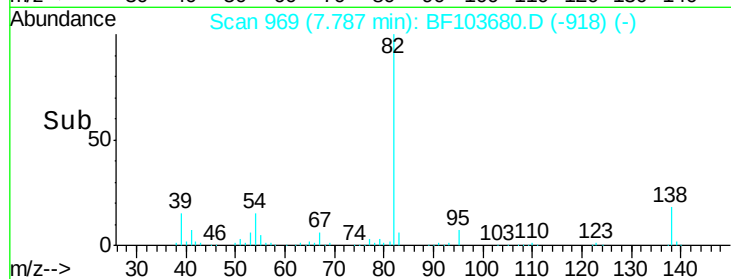
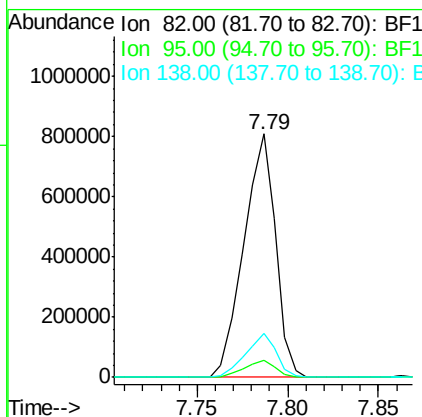
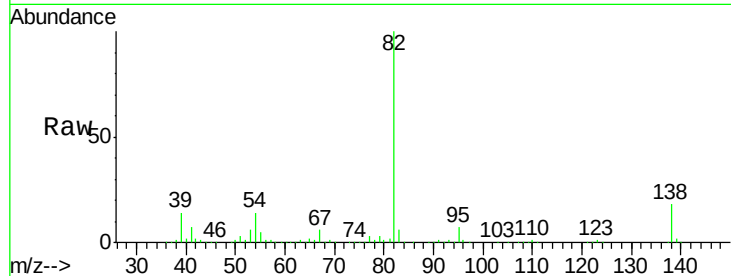
ClientSampleId :

PB107343BSD

Tot Ion:	82	Resp:	982027
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	17.8	14.9	22.3

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#26

2-Nitrophenol

Concen: 54.213 ng

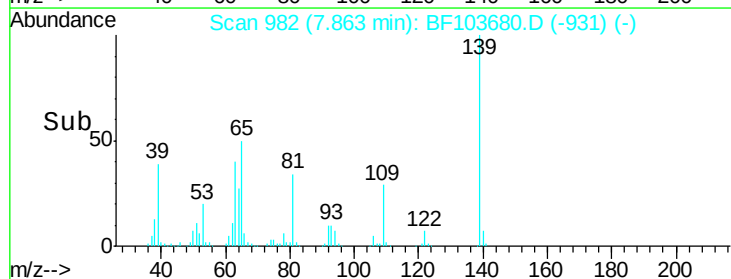
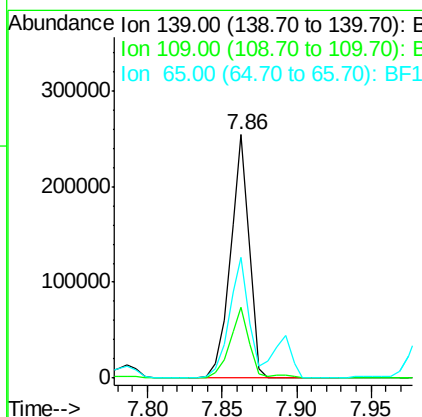
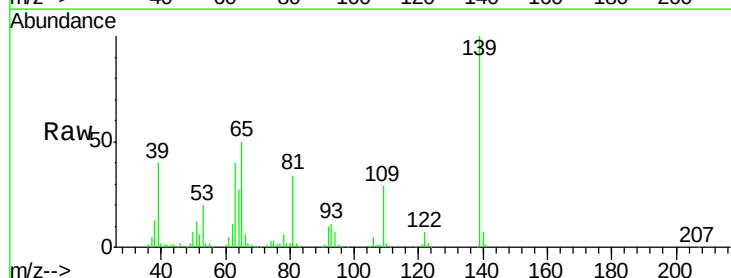
RT: 7.86 min Scan# 982

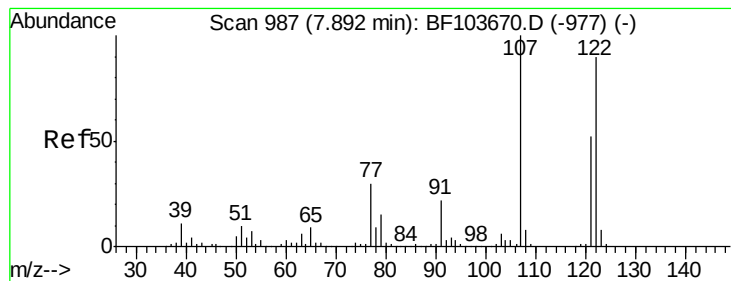
Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Tgt Ion:	139	Resp:	225496
Ion Ratio	Lower	Upper	
139	100		
109	29.2	22.7	34.1
65	49.8	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 52.278 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

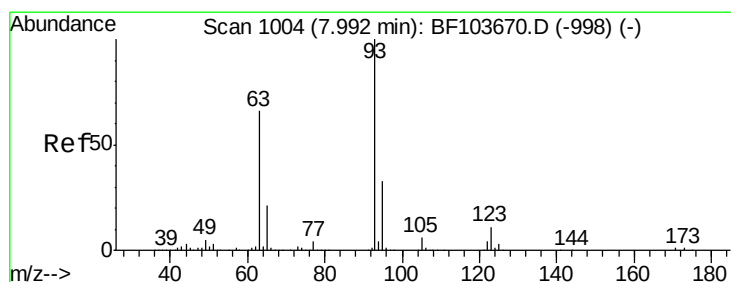
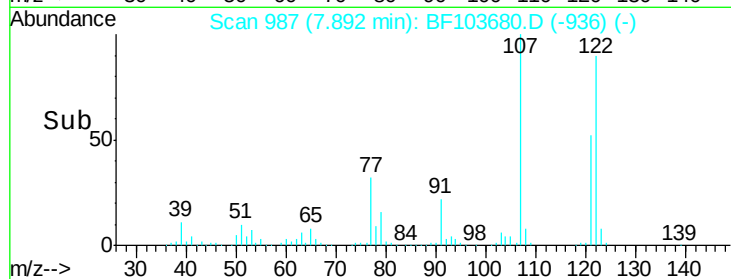
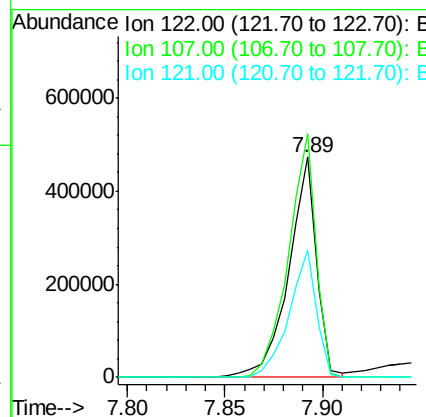
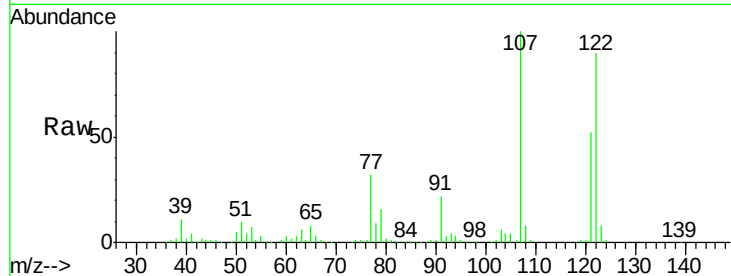
ClientSampleId :

PB107343BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		469608		
107	110.7	91.2	136.8		
121	57.7	47.2	70.8		

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#28

bis(2-Chloroethoxy)methane

Concen: 47.860 ng

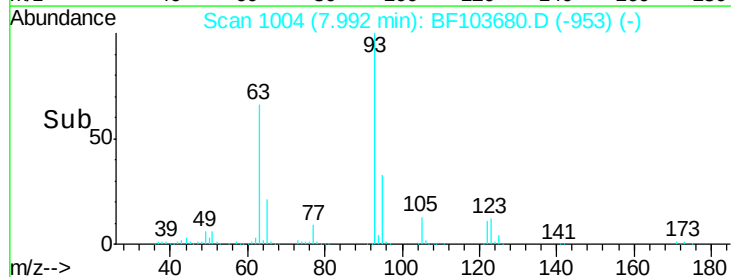
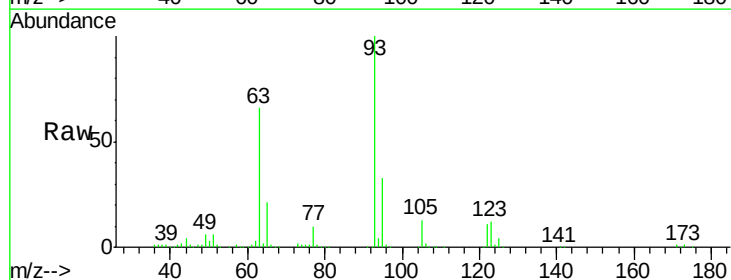
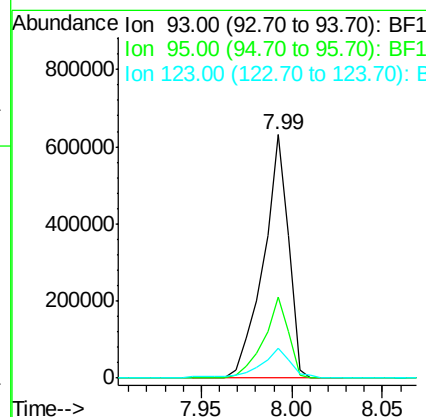
RT: 7.99 min Scan# 1004

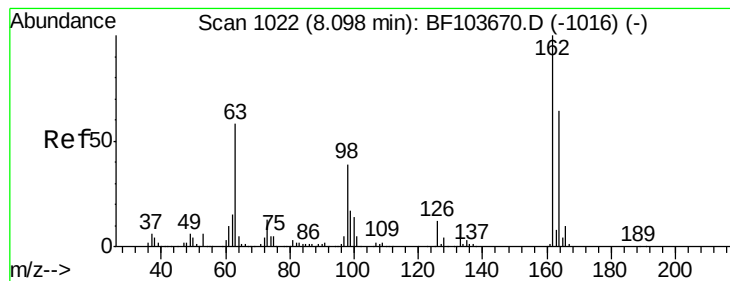
Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		607681		
95	33.1	26.3	39.5		
123	12.1	9.8	14.6		





#29

2,4-Dichlorophenol

Concen: 49.377 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

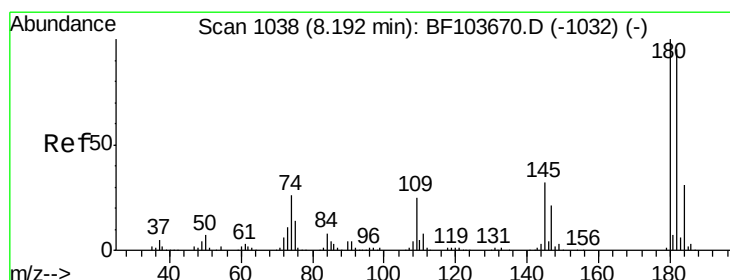
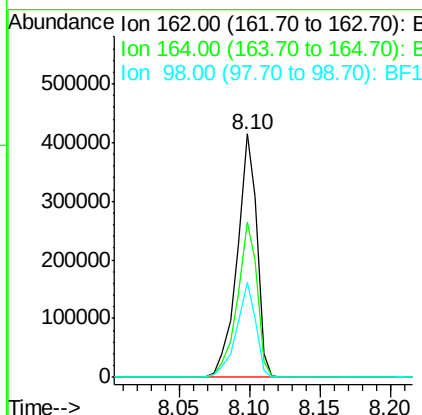
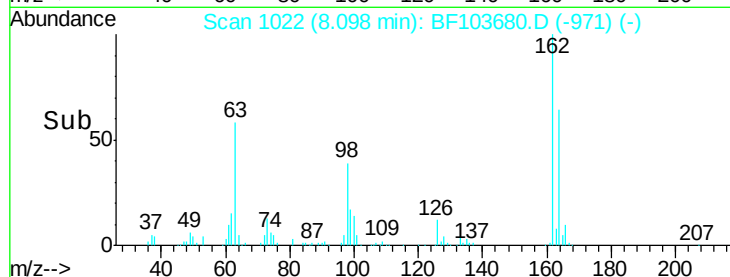
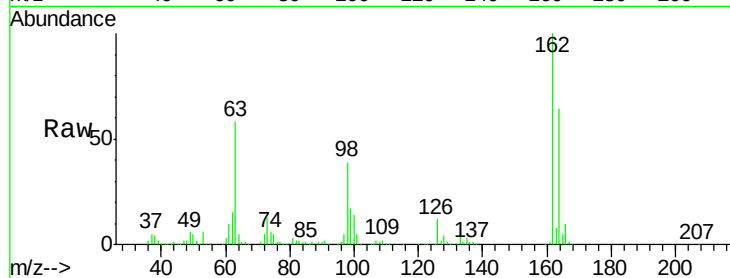
ClientSampleId :

PB107343BSD

Tot Ion:	162	Resp:	403536
Ion Ratio	Lower	Upper	
162	100		
164	63.9	42.7	82.7
98	38.9	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 43.035 ng

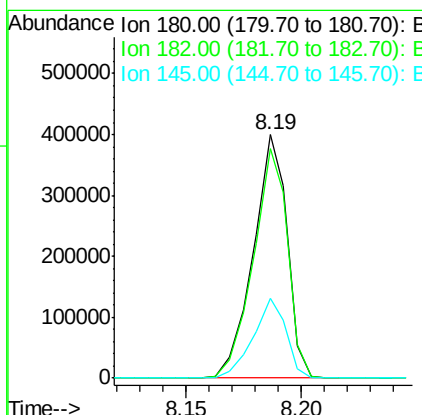
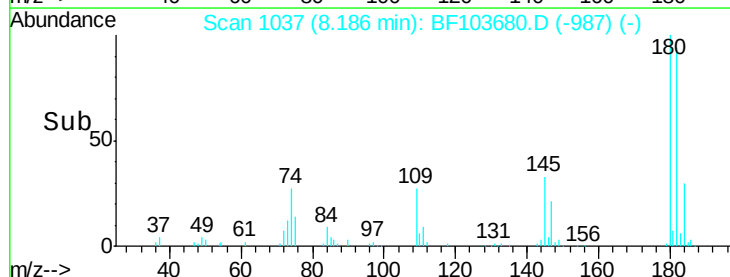
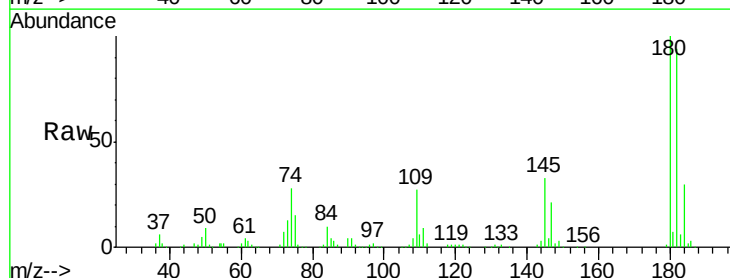
RT: 8.19 min Scan# 1037

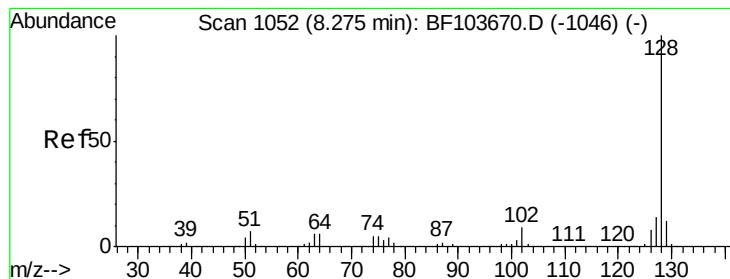
Delta R.T. -0.01 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Tgt Ion:	180	Resp:	407918
Ion Ratio	Lower	Upper	
180	100		
182	94.1	76.8	115.2
145	32.9	26.5	39.7





#31

Naphthalene

Concen: 43.685 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

ClientSampleId :

PB107343BSD

Tot Ion:128 Resp: 1393908

Ion Ratio Lower Upper

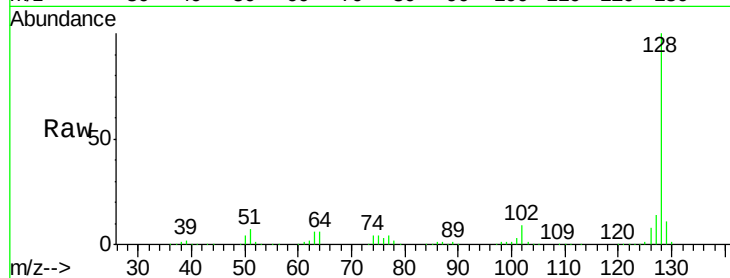
128 100

129 11.3 8.8 13.2

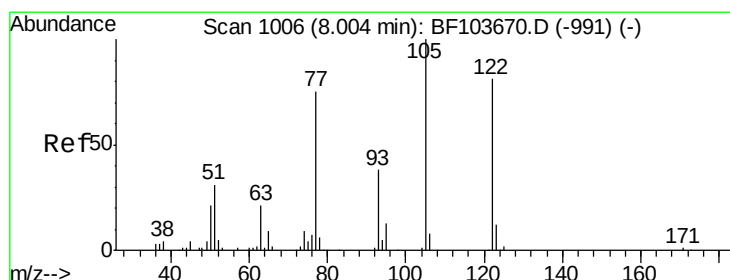
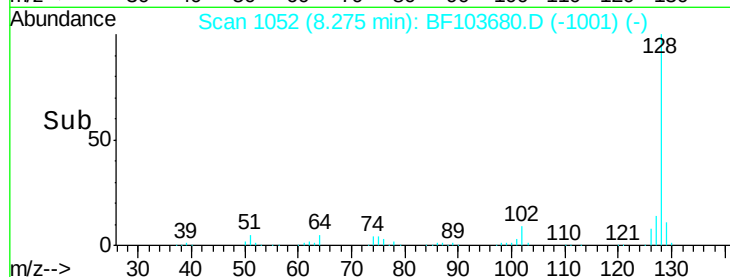
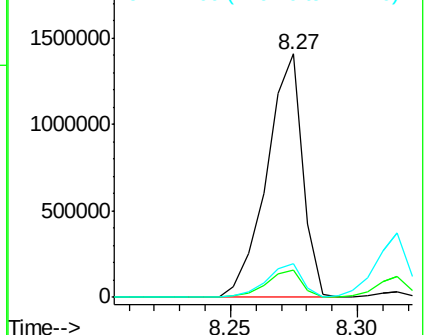
127 13.7 10.9 16.3

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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: 45.807 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.01 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

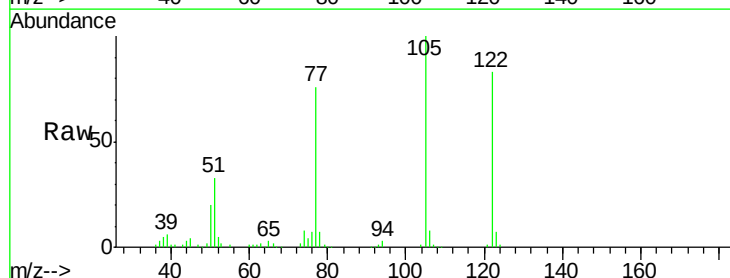
Tgt Ion:122 Resp: 286719

Ion Ratio Lower Upper

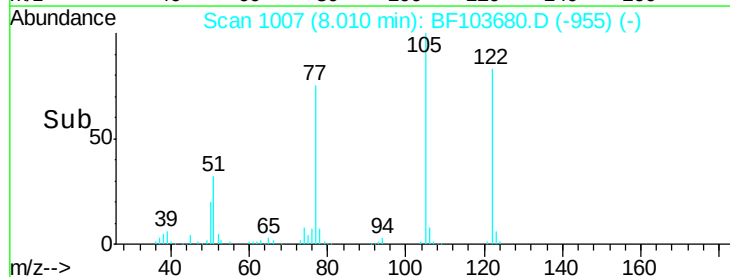
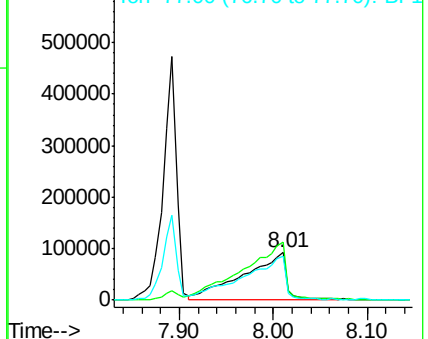
122 100

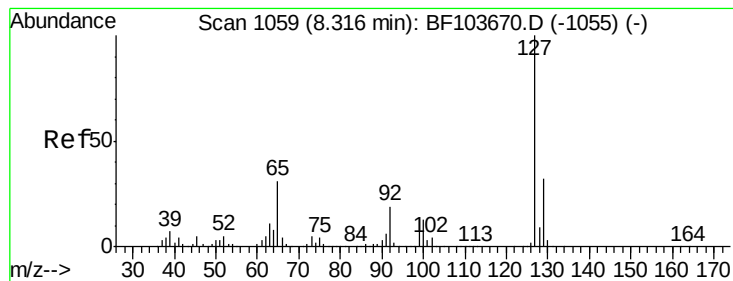
105 121.1 101.1 141.1

77 92.6 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: 24.994 ng

RT: 8.32 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

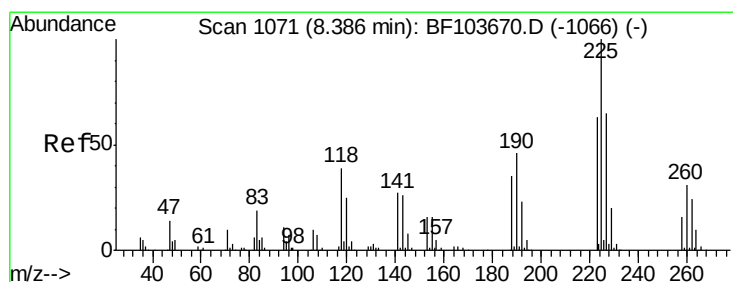
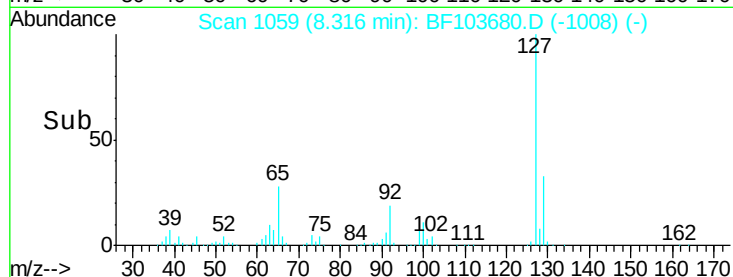
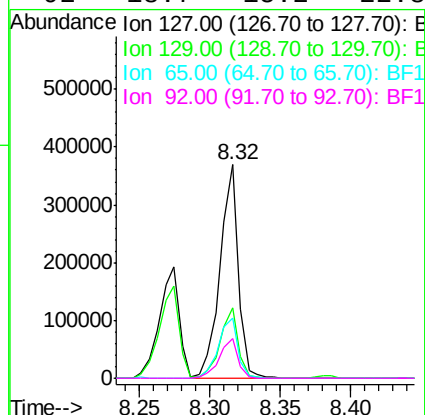
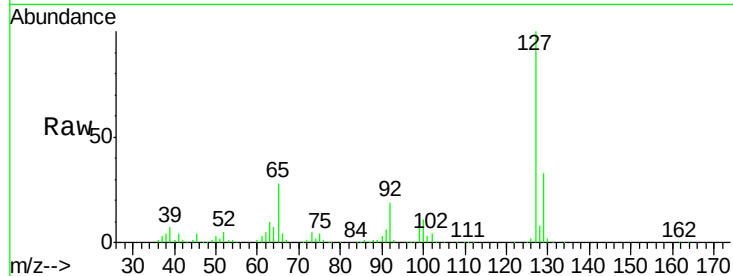
ClientSampleId :

PB107343BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9		25.9	38.9	
65	28.3		25.0	37.4	
92	18.7		15.2	22.8	

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#34

Hexachlorobutadiene

Concen: 41.942 ng

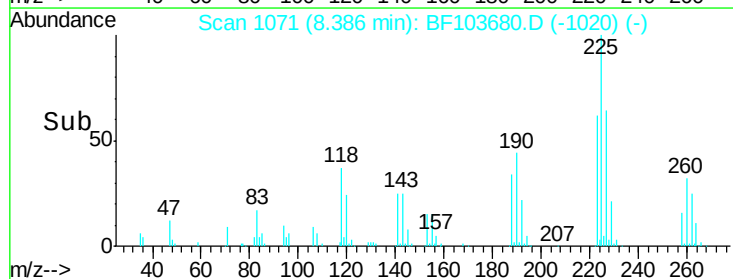
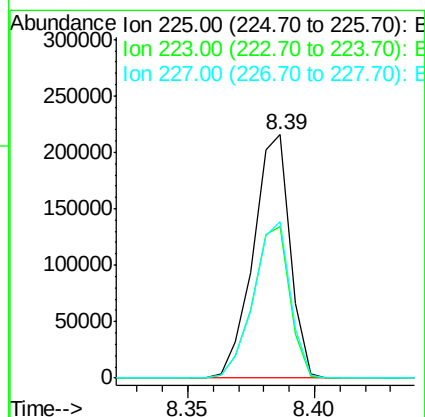
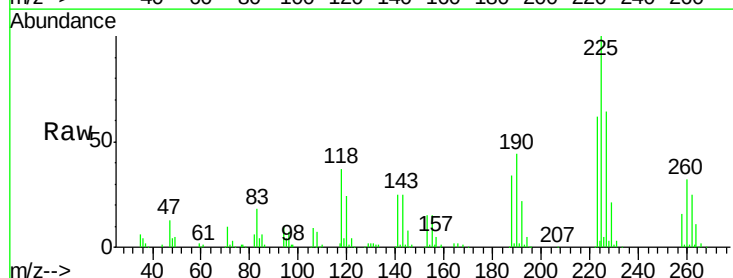
RT: 8.39 min Scan# 1071

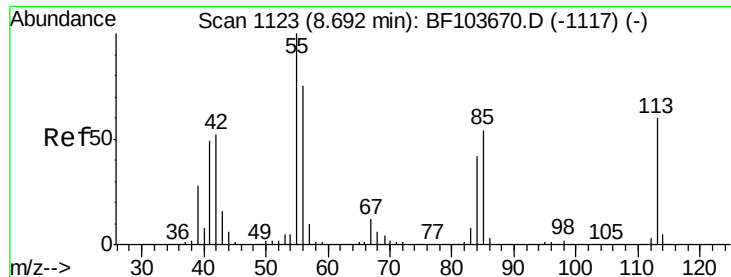
Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.1		50.6	76.0	
227	64.3		51.9	77.9	





#35

Caprolactam

Concen: 45.998 ng/mL

RT: 8.69 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

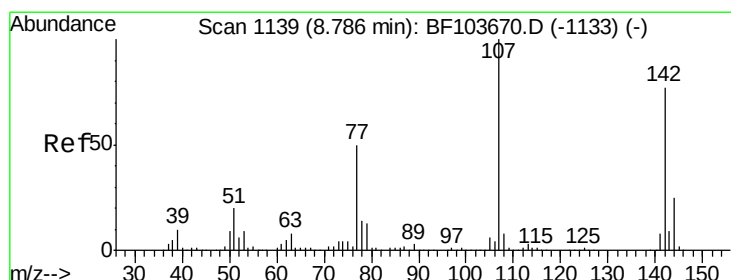
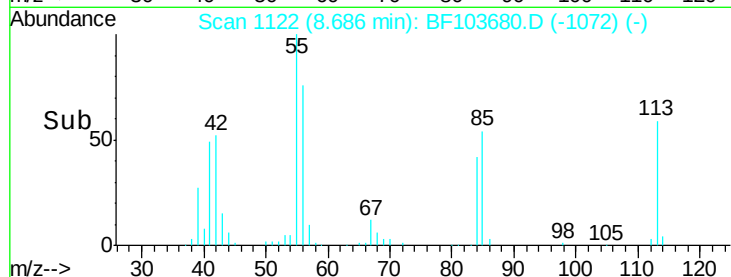
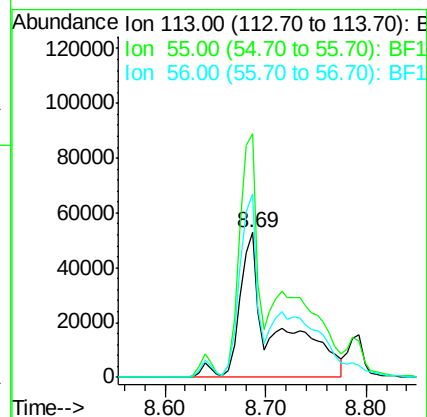
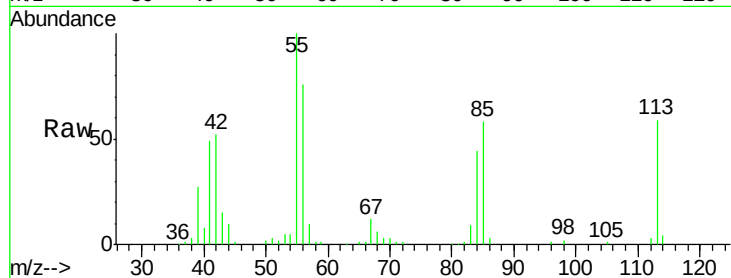
ClientSampleId :

PB107343BSD

Tot Ion:	113	Resp:	129444
Ion Ratio	Lower	Upper	
113	100		
55	168.5	163.3	203.3
56	127.4	115.7	155.7

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 48.319 ng/mL

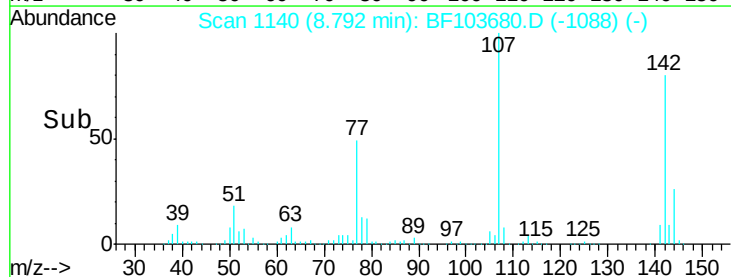
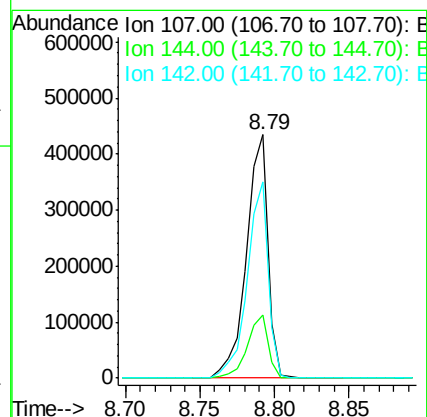
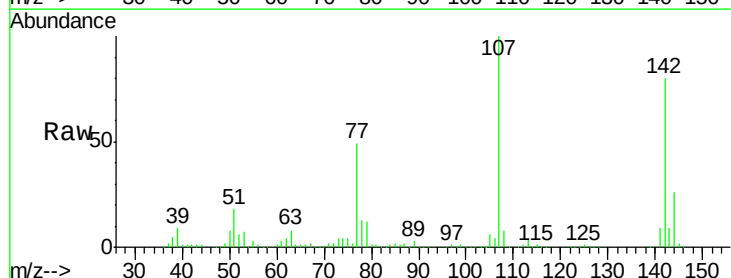
RT: 8.79 min Scan# 1140

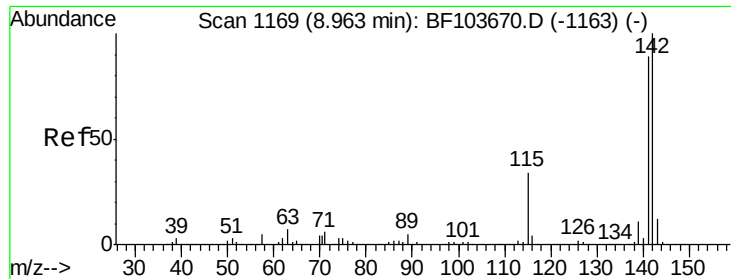
Delta R.T. 0.01 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Tgt Ion:	107	Resp:	435331
Ion Ratio	Lower	Upper	
107	100		
144	26.0	20.5	30.7
142	80.5	62.0	93.0





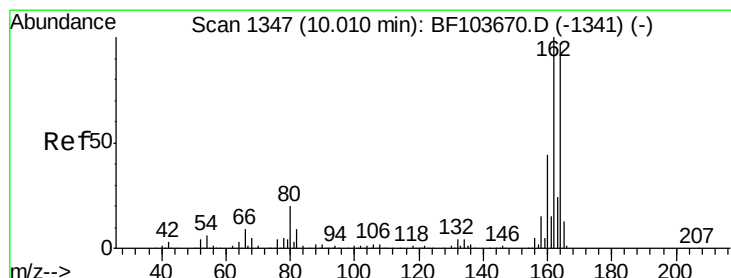
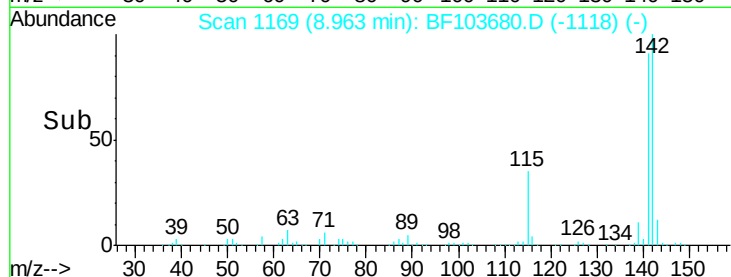
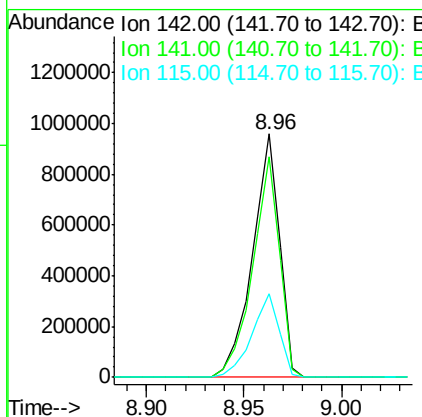
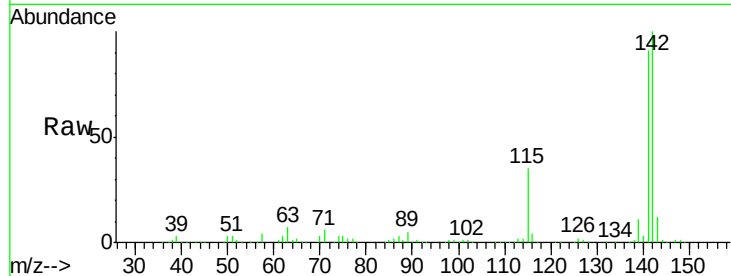
#37
2-Methylnaphthalene
Concen: 45.403 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Instrument :
BNA_F
ClientSampleId :
PB107343BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.8	106.2
115	34.6	26.1	39.1

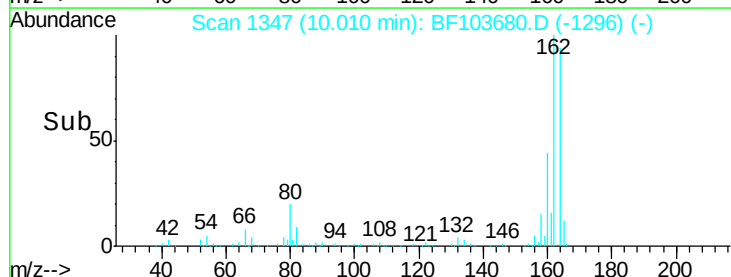
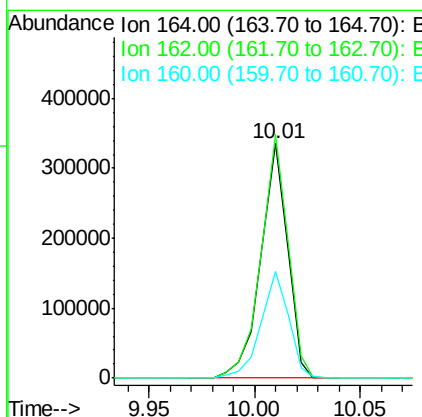
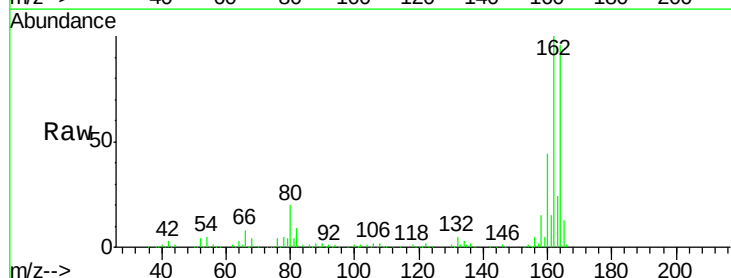
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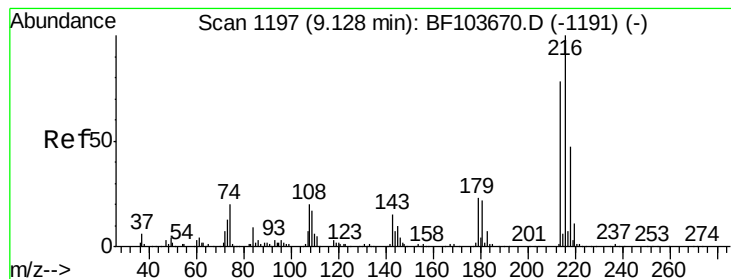
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	45.8	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.534 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

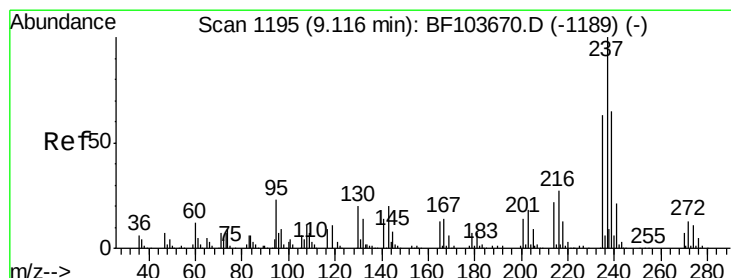
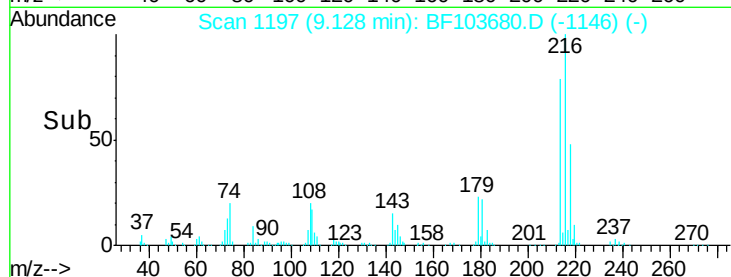
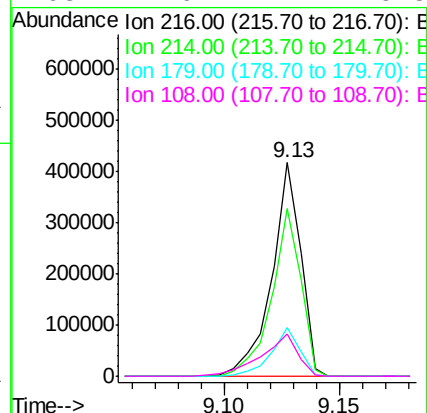
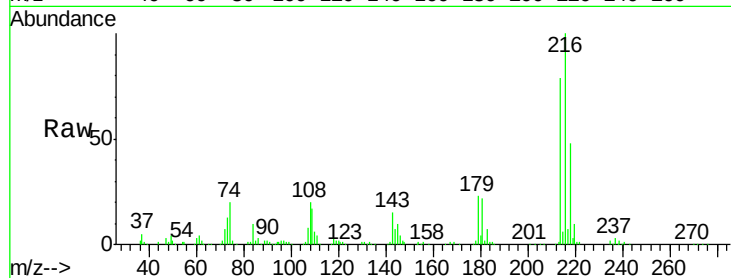
ClientSampleId :

PB107343BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		363700		
214	79.0		63.0	94.4	
179	22.5		18.1	27.1	
108	24.6		17.2	25.8	

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#40

Hexachlorocyclopentadiene

Concen: 100.788 ng

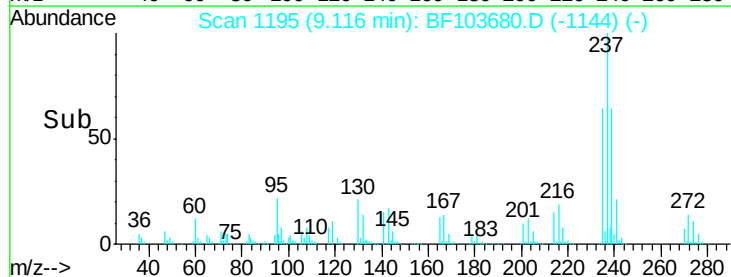
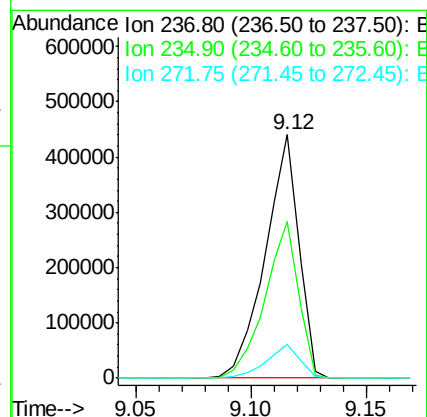
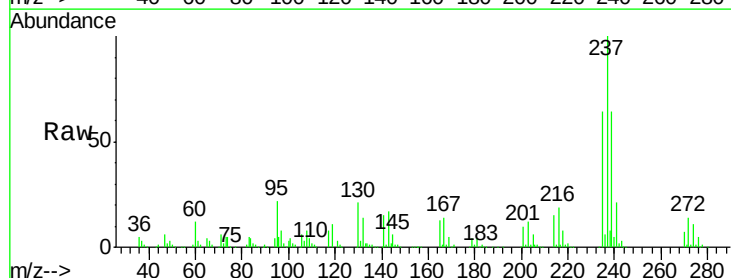
RT: 9.12 min Scan# 1195

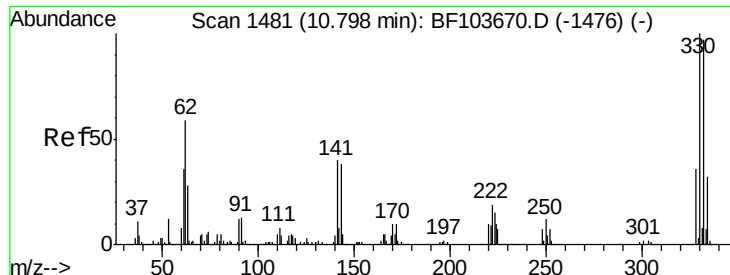
Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		444701		
235	64.1		44.8	84.8	
272	14.0		0.0	33.3	





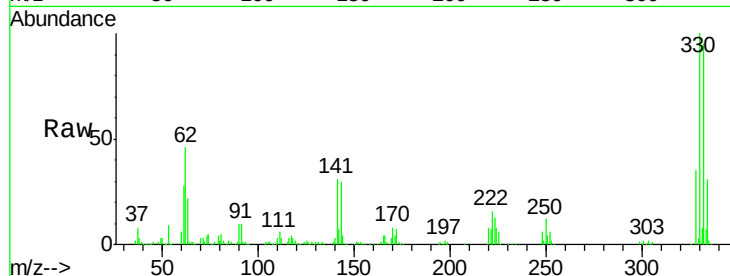
#41
 2,4,6-Tribromophenol
 Concen: 187.919 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	484278		
332	95.9	77.0	115.6	
141	33.6	29.9	44.9	

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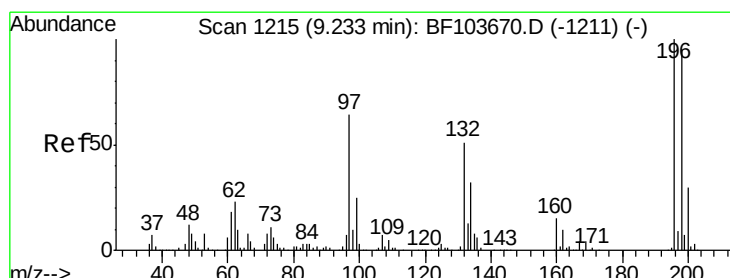
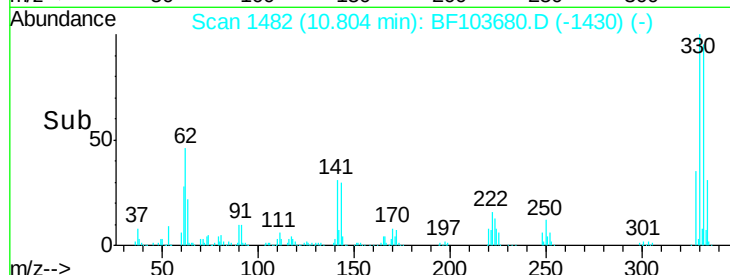
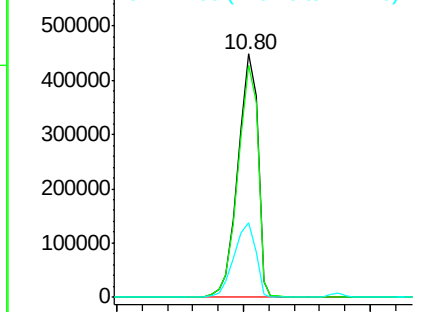


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 49.504 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

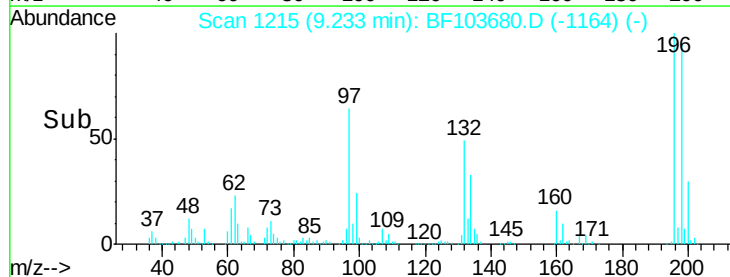
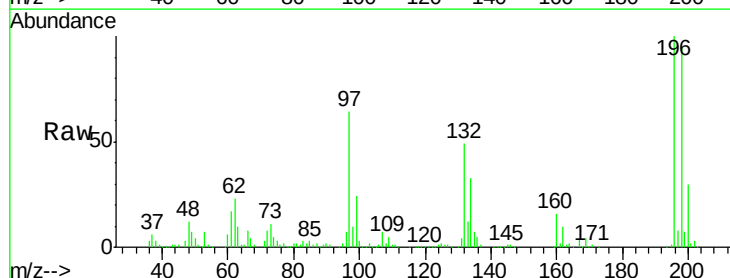
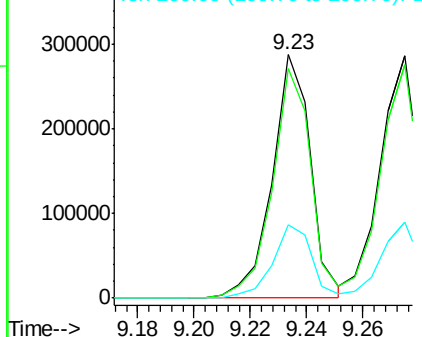
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	270756		
198	94.5	75.7	113.5	
200	29.9	24.5	36.7	

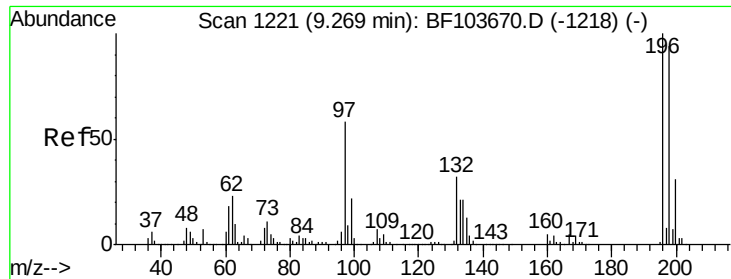
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





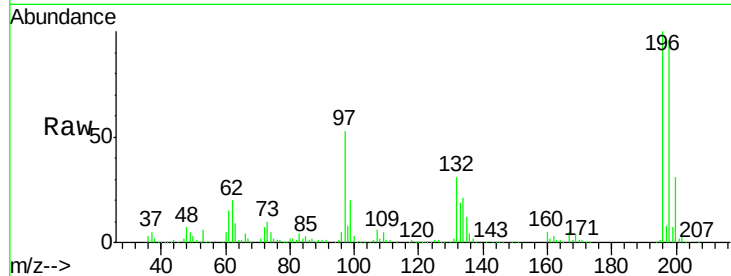
#43
2,4,5-Trichlorophenol
Concen: 45.495 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.01 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Instrument :
BNA_F
ClientSampleId :
PB107343BSD

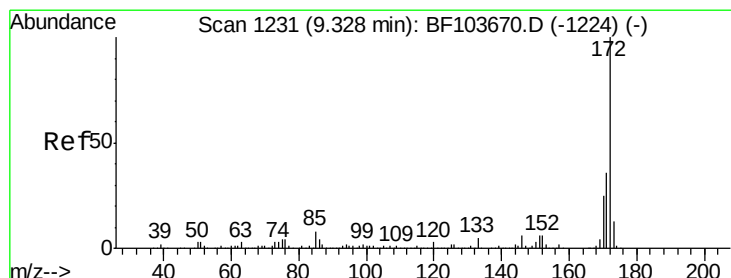
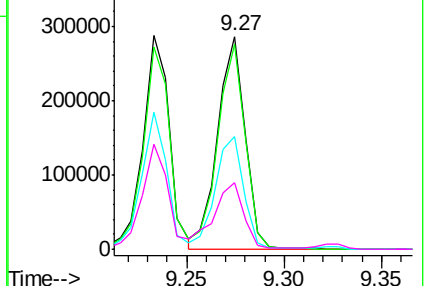
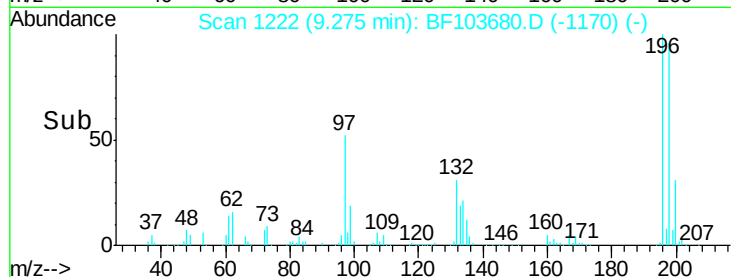
Tot Ion:	196	Resp:	280849
Ion Ratio	Lower	Upper	
196	100		
198	96.3	74.6	112.0
97	52.7	42.9	64.3
132	31.2	26.3	39.5

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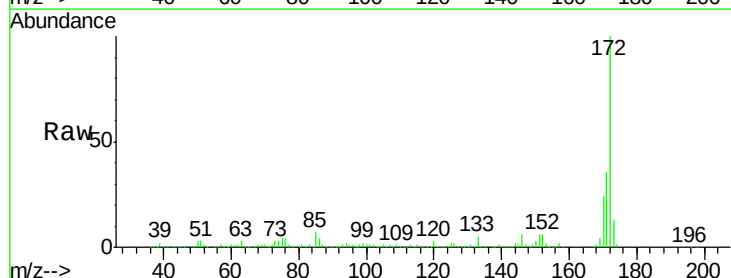


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

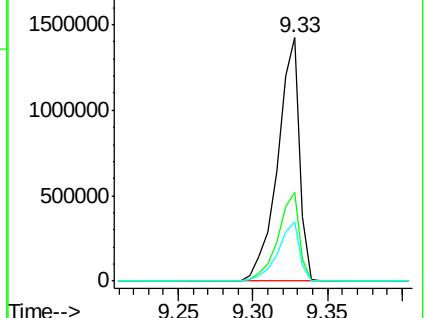
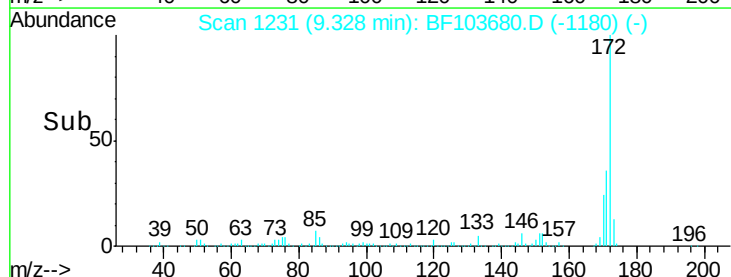


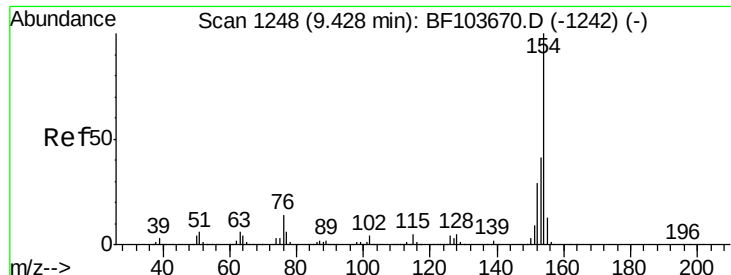
#44
2-Fluorobiphenyl
Concen: 77.581 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion:	172	Resp:	1457730
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.7	44.5
170	24.2	19.6	29.4



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





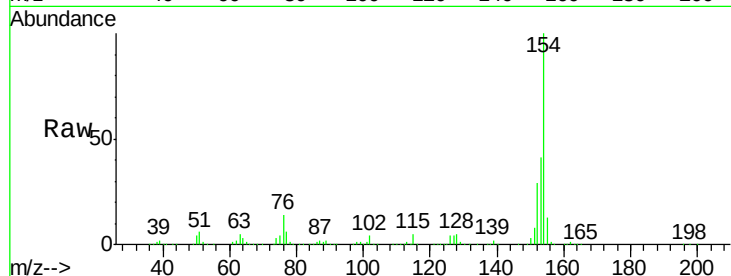
#45
 1,1'-Biphenyl
 Concen: 42.287 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BSD

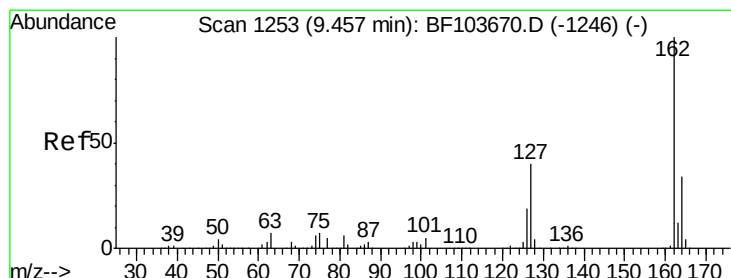
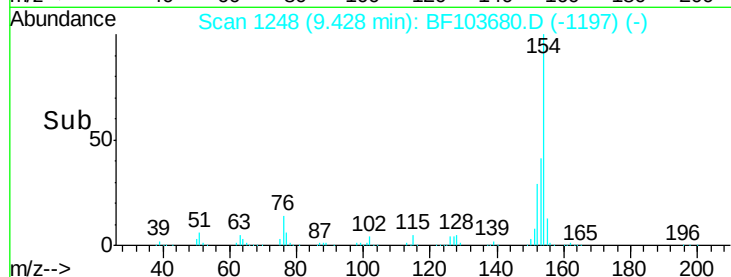
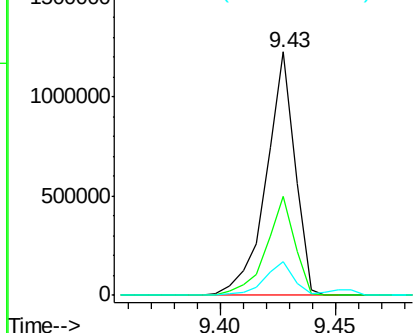
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	13.7	0.0	34.0

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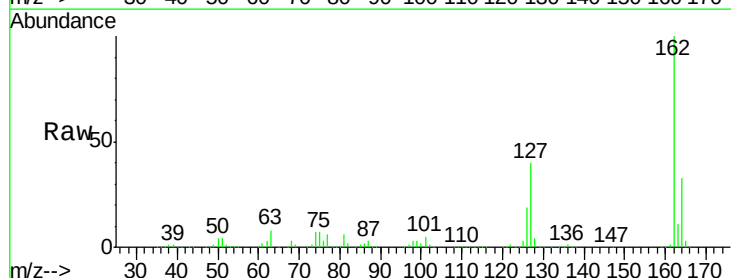


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

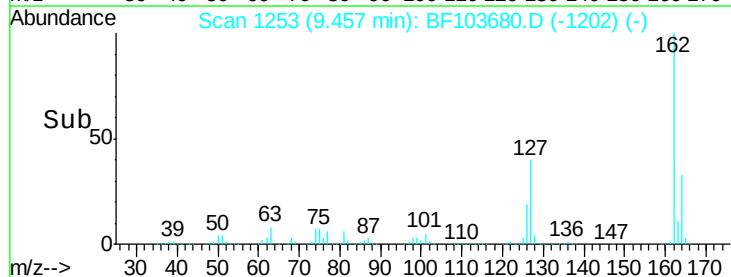
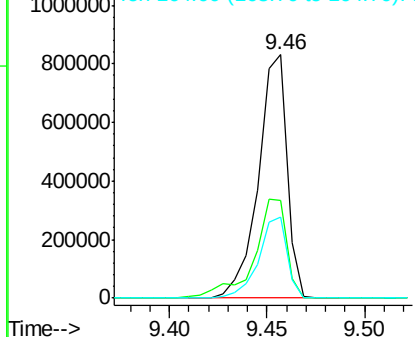


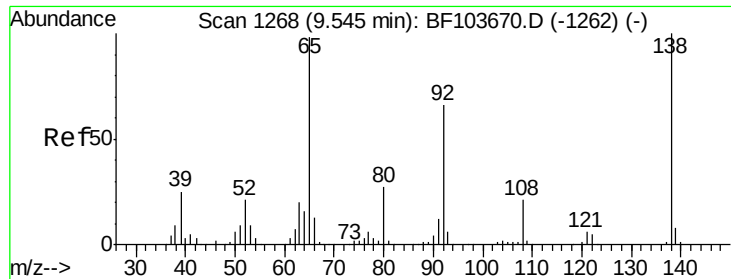
#46
 2-Chloronaphthalene
 Concen: 42.684 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.2	33.9	50.9
164	33.0	26.5	39.7



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





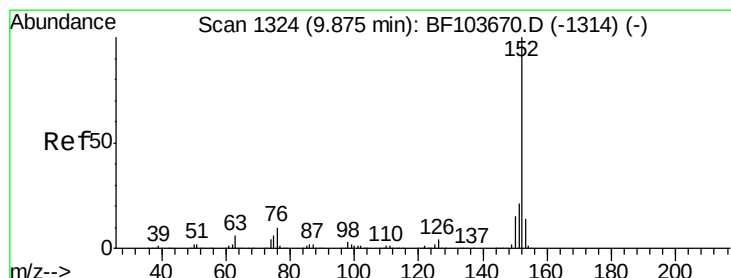
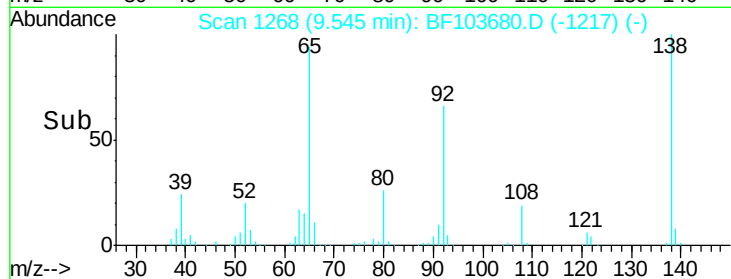
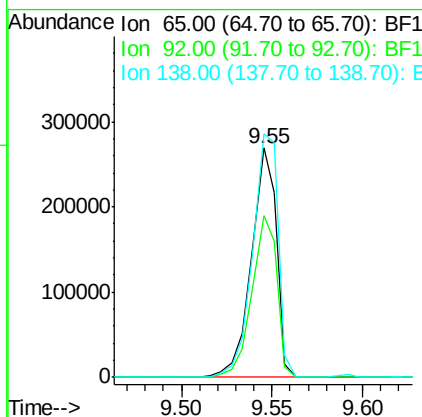
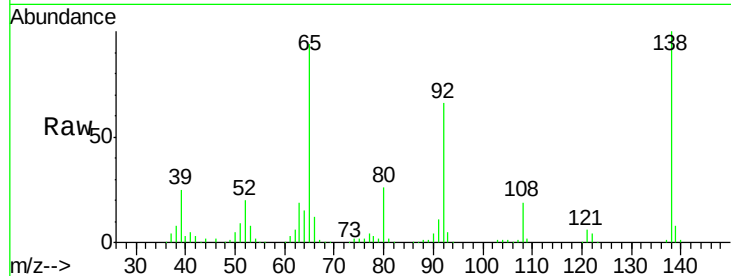
#47
2-Nitroaniline
Concen: 49.324 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Instrument :
BNA_F
ClientSampleId :
PB107343BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.6	55.8	83.6
138	106.3	91.2	136.8

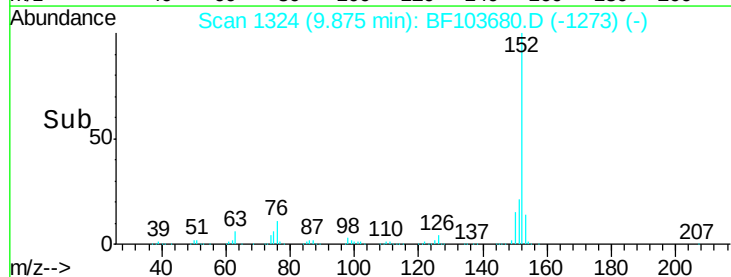
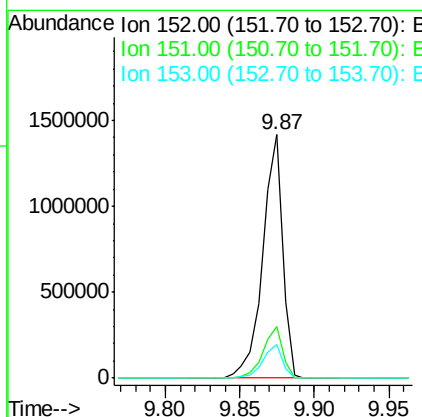
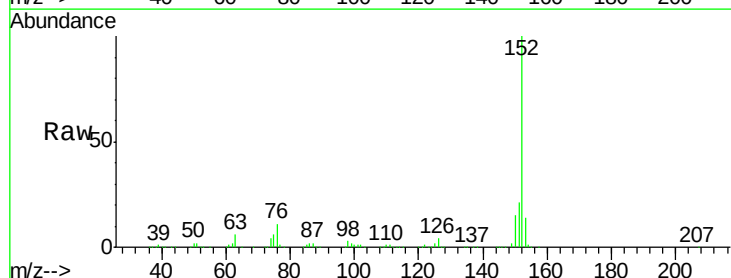
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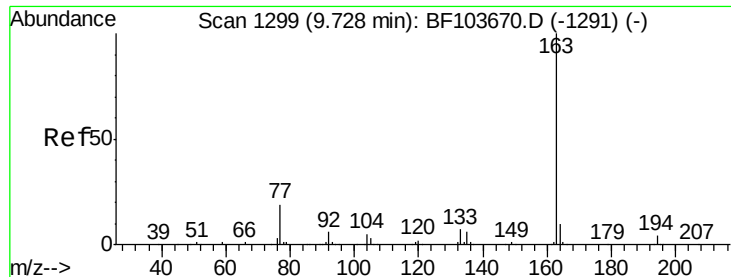
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#48
Acenaphthylene
Concen: 41.961 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	13.7	10.7	16.1





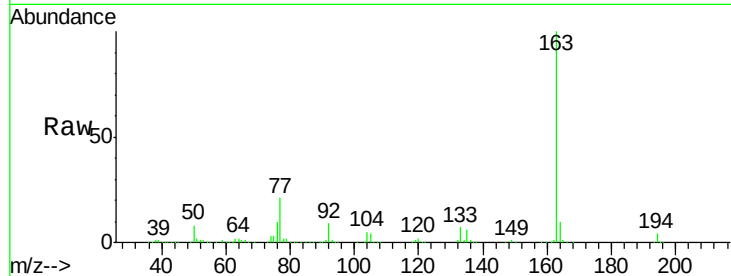
#49
Dimethylphthalate
Concen: 42.783 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Instrument :
BNA_F
ClientSampleID :
PB107343BSD

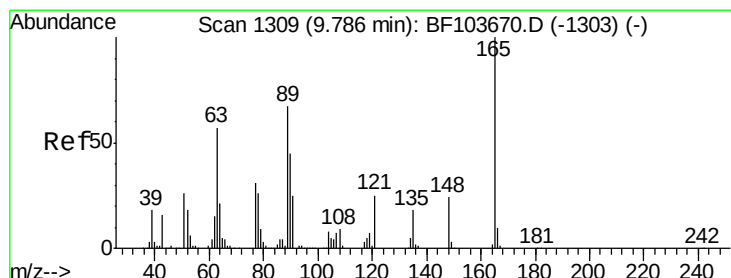
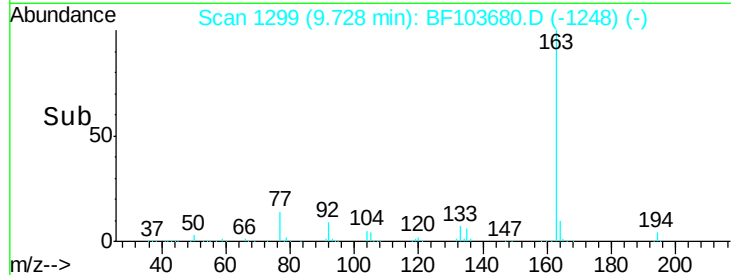
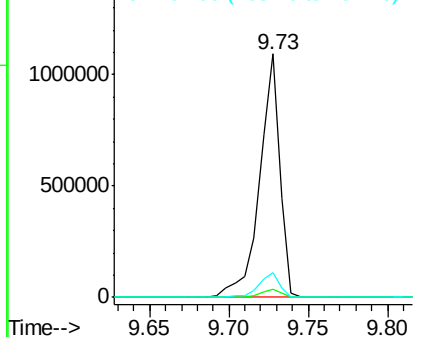
Tot Ion	Ratio	Resp	Lower	Upper
163	100	978342		
194	3.6		2.7	4.1
164	10.3		8.2	12.2

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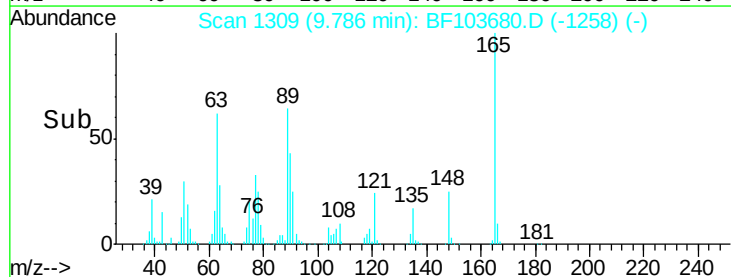
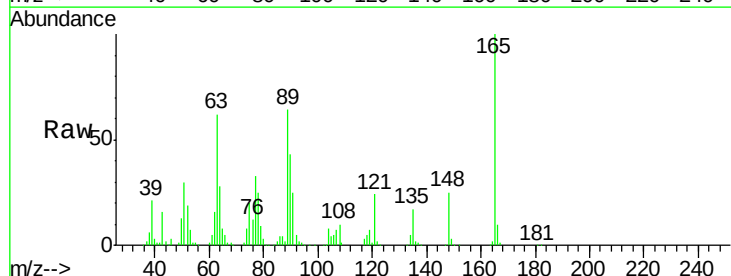
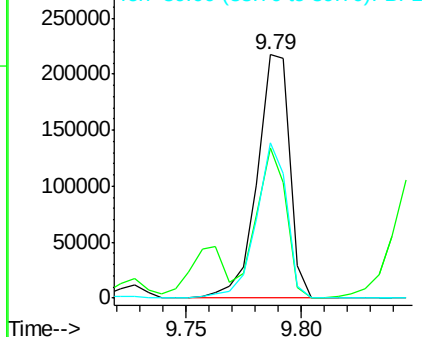
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

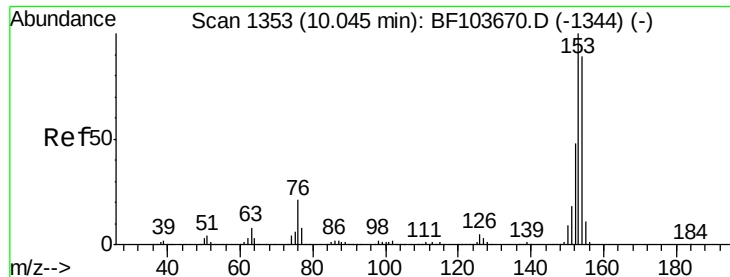


#50
2,6-Dinitrotoluene
Concen: 48.399 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	214256		
63	61.8		44.7	67.1
89	63.6		44.0	66.0

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





#51

Acenaphthene

Concen: 47.146 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

ClientSampleId :

PB107343BSD

Tot Ion:154 Resp: 861707

Ion Ratio Lower Upper

154 100

153 112.5 91.2 136.8

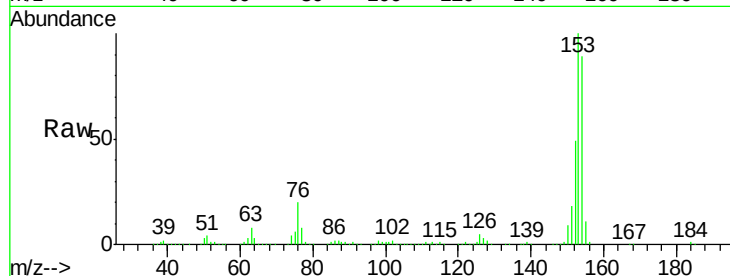
152 54.7 43.8 65.8

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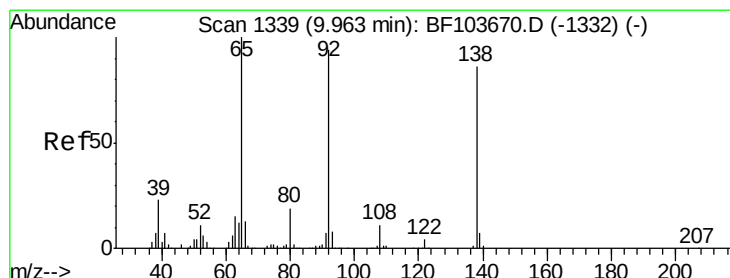
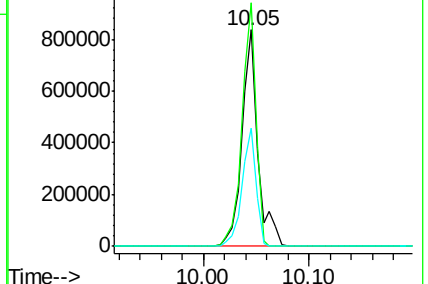
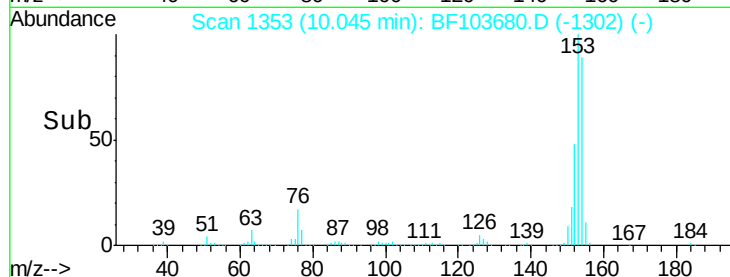
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.824 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

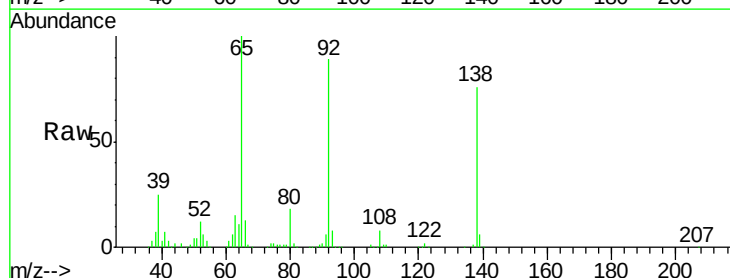
Tgt Ion:138 Resp: 167076

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

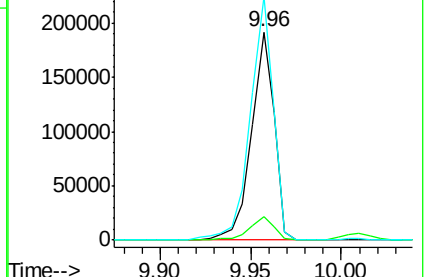
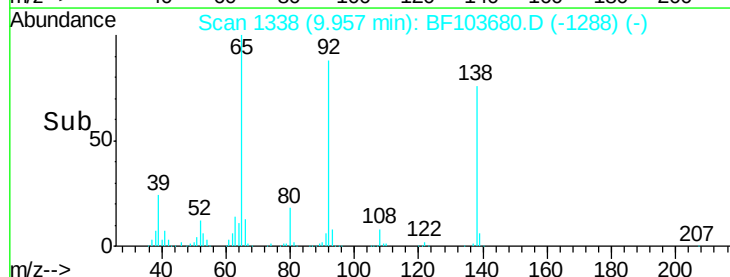
92 117.0 89.4 134.2

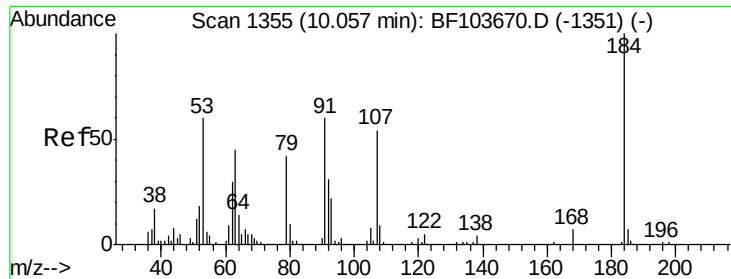


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





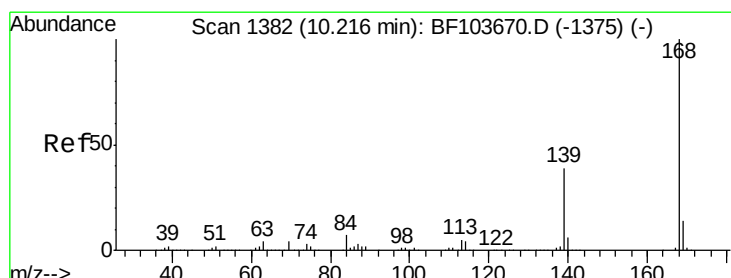
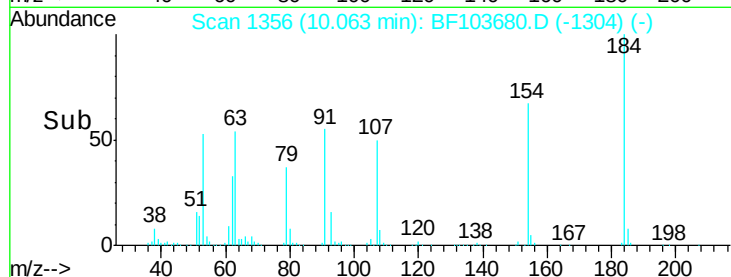
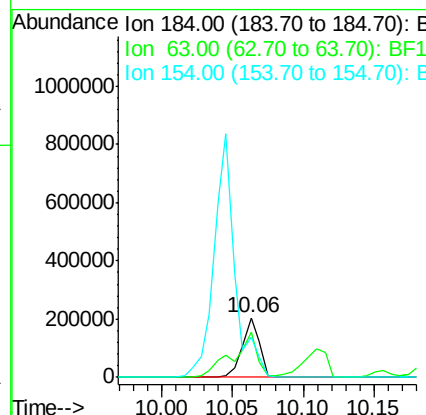
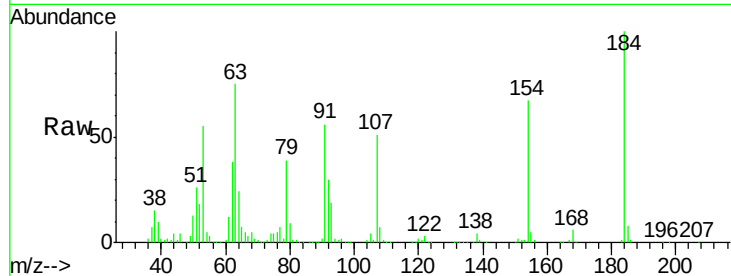
#53
2,4-Dinitrophenol
Concen: 103.226 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Instrument :
BNA_F
ClientSampleId :
PB107343BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	75.4	54.2	81.2
154	67.4	184.0	276.0#

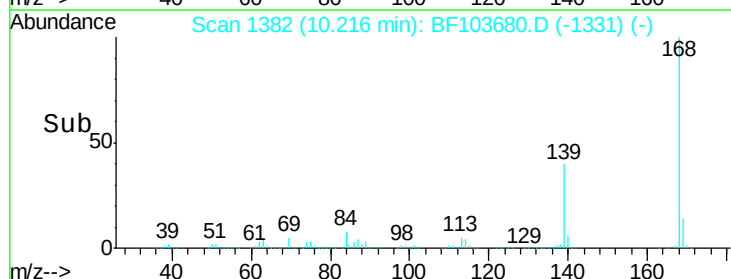
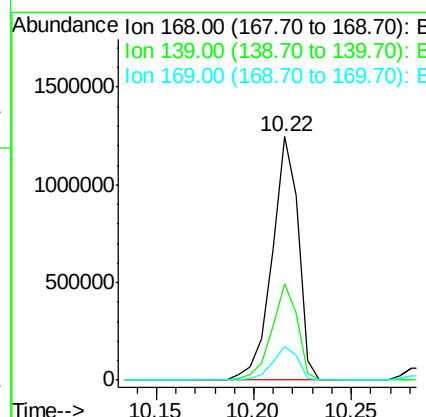
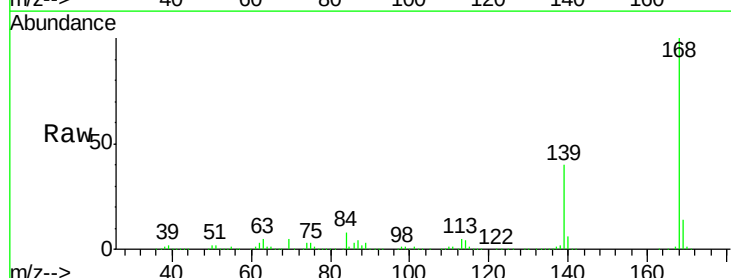
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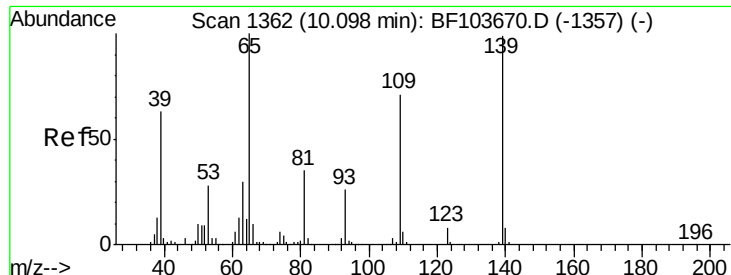
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#54
Dibenzofuran
Concen: 44.310 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.6	30.1	45.1
169	13.8	10.9	16.3





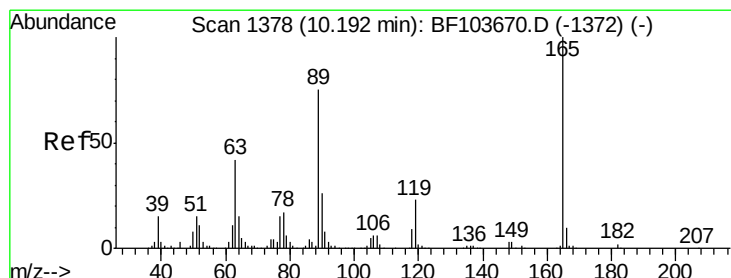
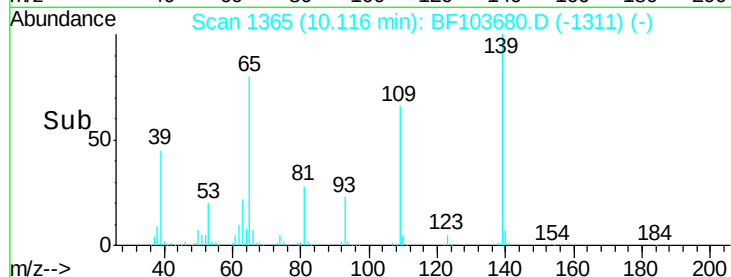
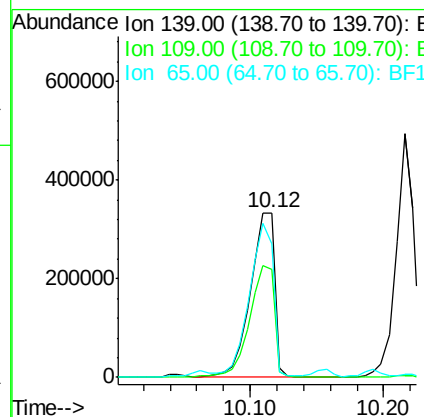
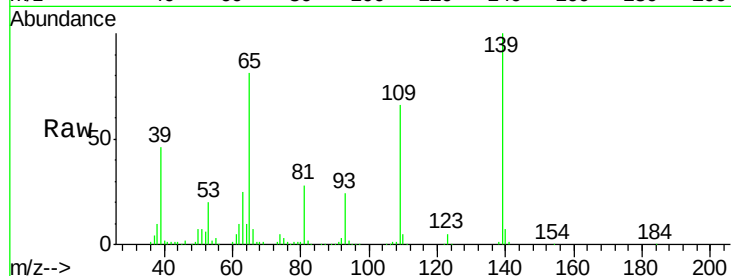
#55
4-Nitrophenol
Concen: 97.192 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.02 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Instrument :
BNA_F
ClientSampleId :
PB107343BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	411675		
109	65.8	48.4	88.4	
65	80.9	72.6	112.6	

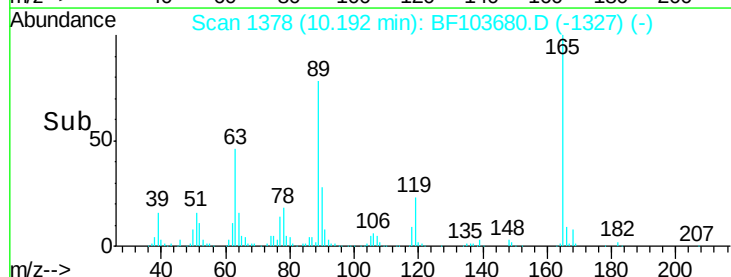
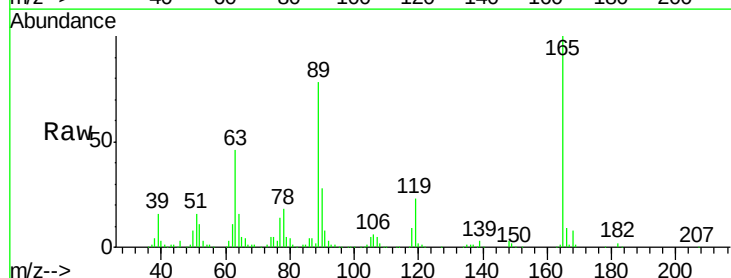
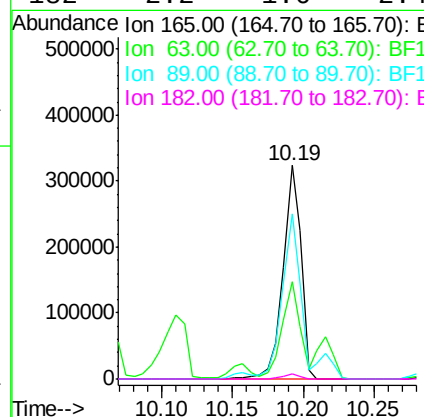
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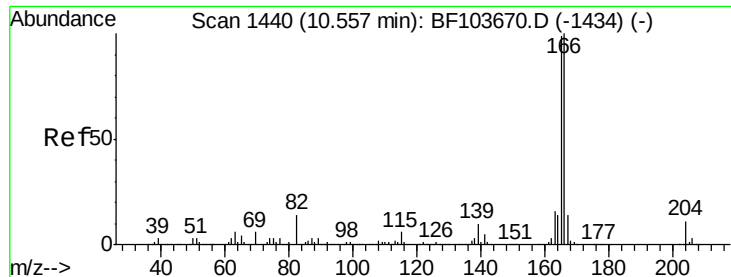
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#56
2,4-Dinitrotoluene
Concen: 51.094 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	288924		
63	45.6	36.4	54.6	
89	77.5	57.8	86.6	
182	2.2	1.6	2.4	





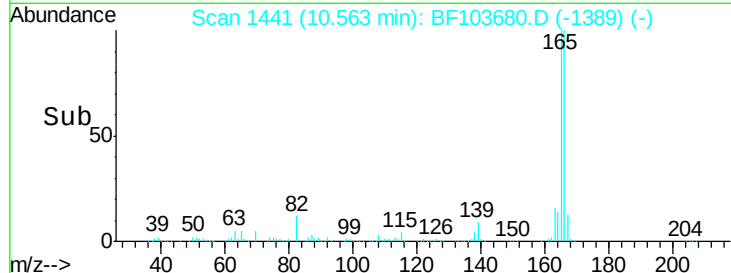
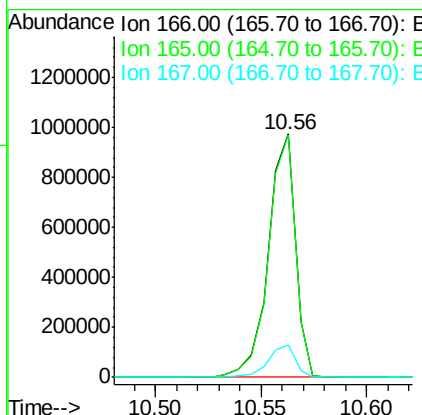
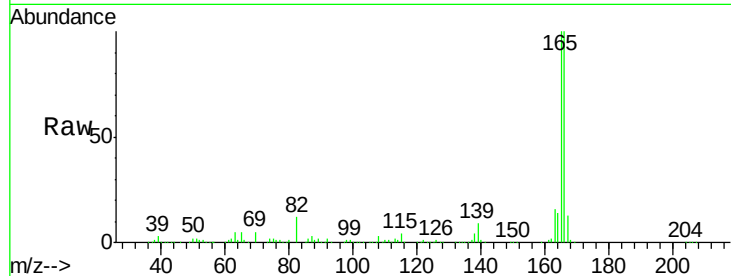
#57
 Fluorene
 Concen: 42.933 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.5	79.8	119.8	
167	13.1	10.6	16.0	

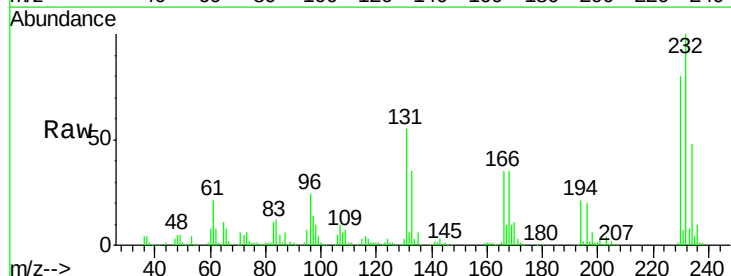
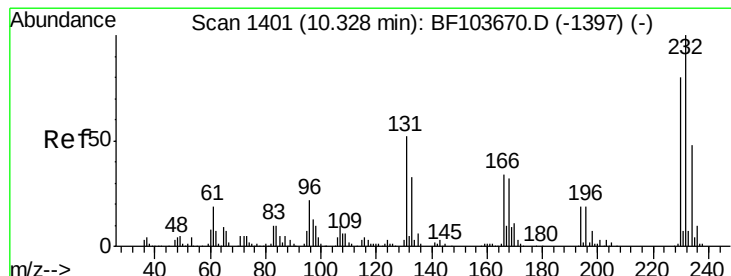
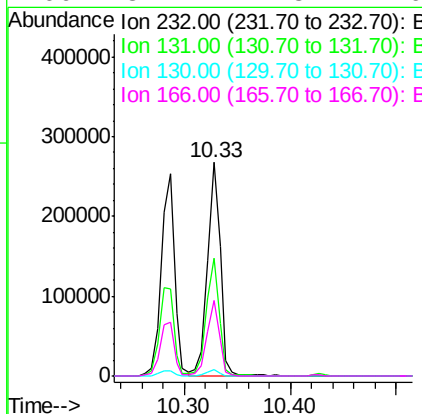
Manual Integrations
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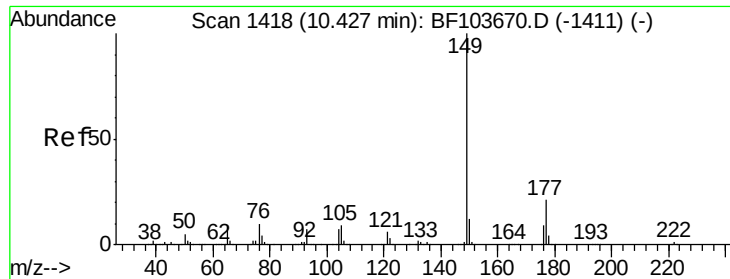
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.370 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	53.9	43.8	65.8	
130	2.7	2.1	3.1	
166	34.1	27.8	41.6	





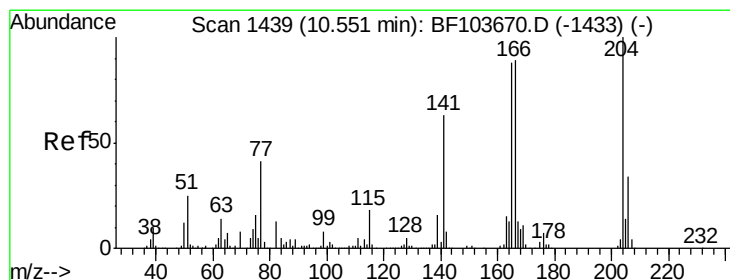
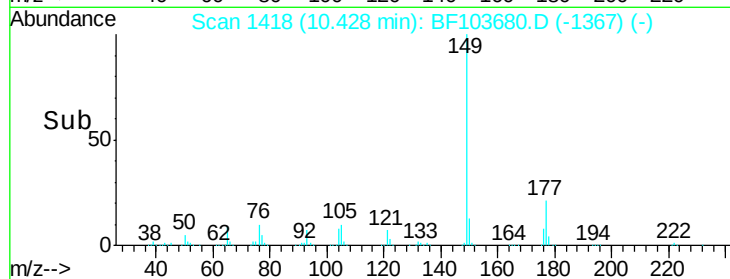
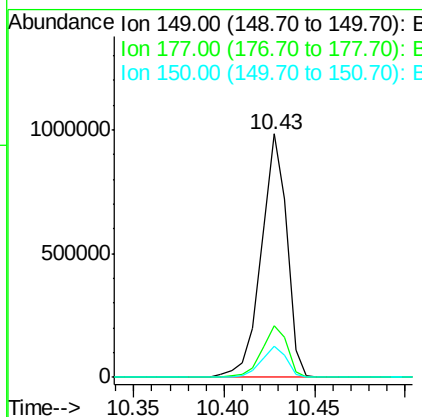
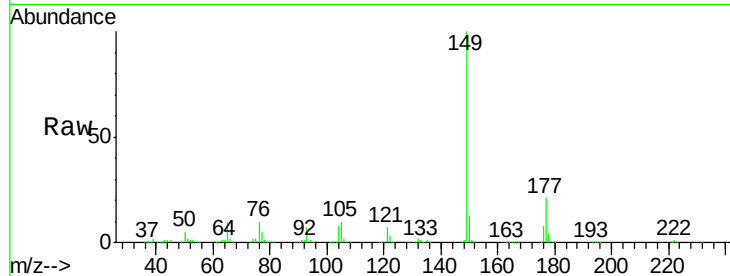
#59
Diethylphthalate
Concen: 42.518 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Instrument :
BNA_F
ClientSampleId :
PB107343BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	965004		
177	21.4	16.1	24.1	
150	12.8	10.1	15.1	

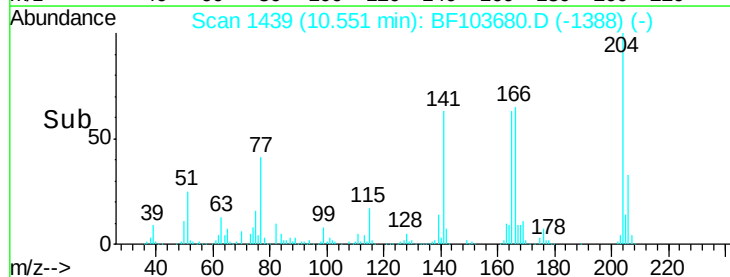
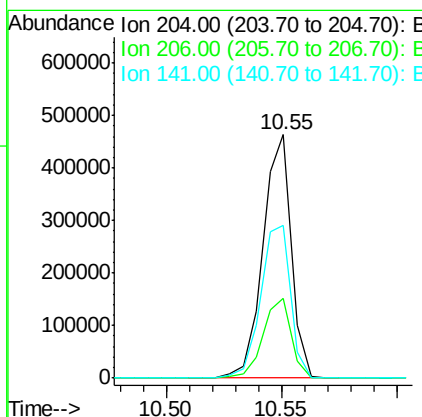
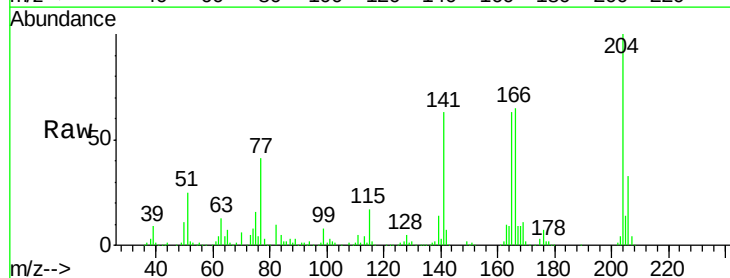
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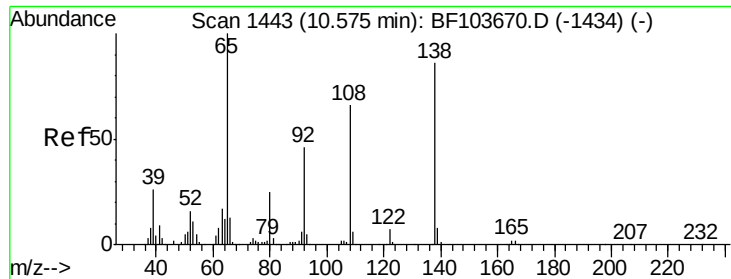
Sohil
3/16/2018 12:06:18 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.704 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	395325		
206	32.8	26.5	39.7	
141	62.8	54.6	81.8	





#61

4-Nitroaniline

Concen: 48.346 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.01 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

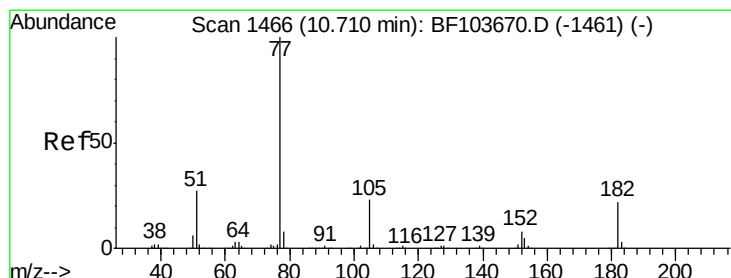
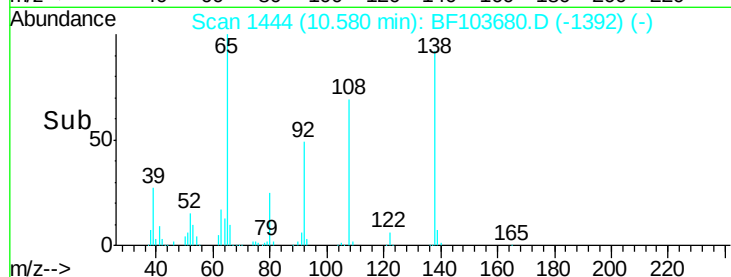
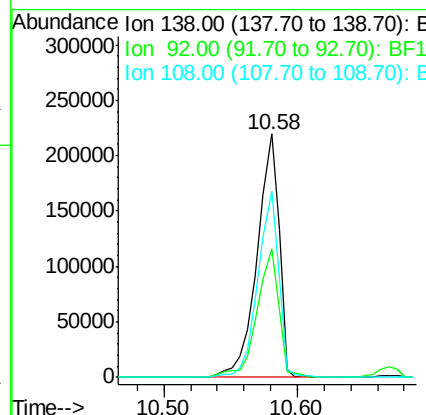
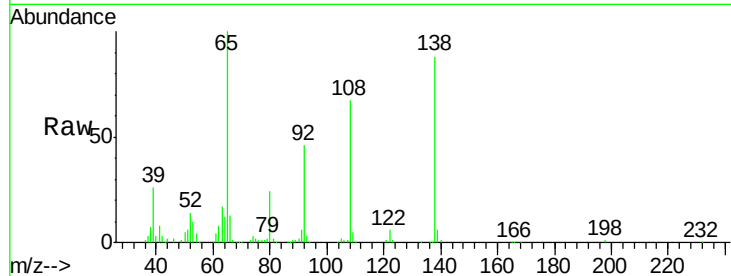
ClientSampleId :

PB107343BSD

Tot Ion:	138	Resp:	246833
Ion Ratio	Lower	Upper	
138	100		
92	52.8	30.2	70.2
108	76.4	52.5	92.5

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#62

Azobenzene

Concen: 43.908 ng

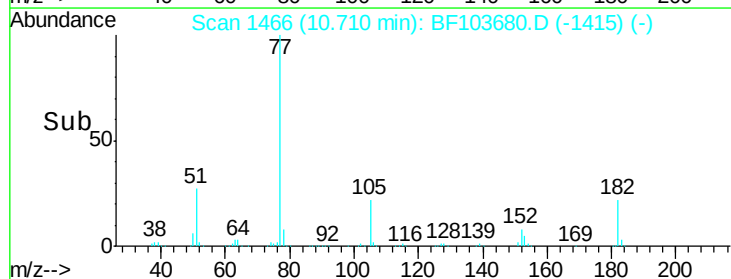
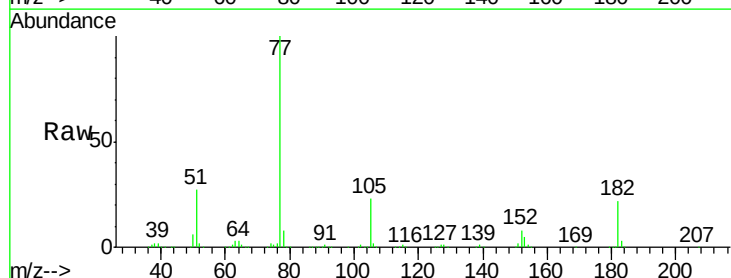
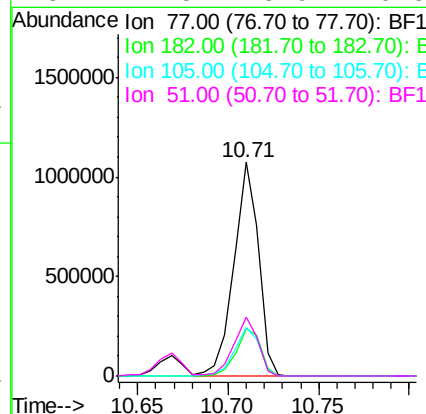
RT: 10.71 min Scan# 1466

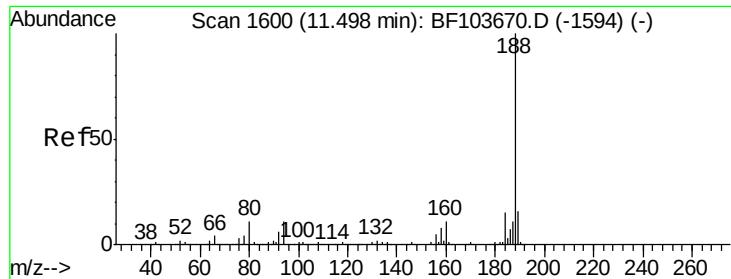
Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Tgt Ion:	77	Resp:	1013176
Ion Ratio	Lower	Upper	
77	100		
182	22.1	1.7	41.7
105	22.8	3.0	43.0
51	27.5	9.9	49.9





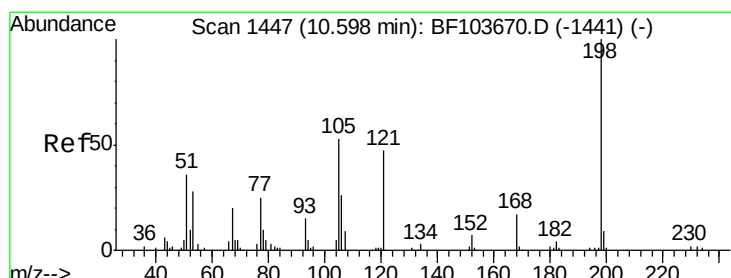
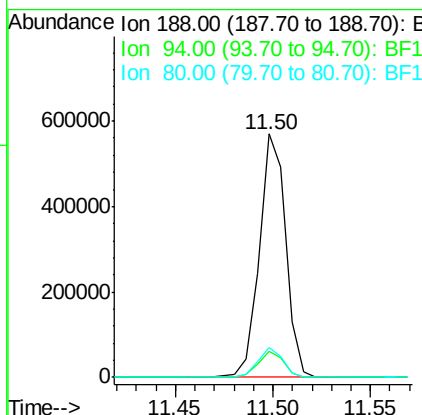
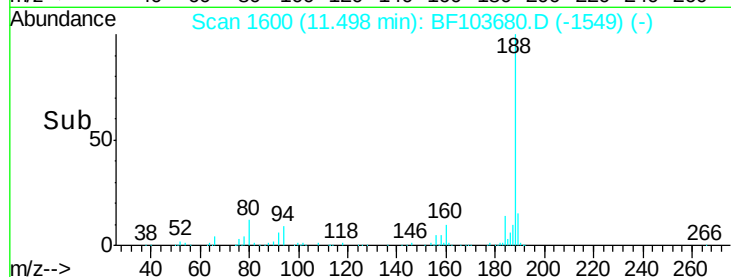
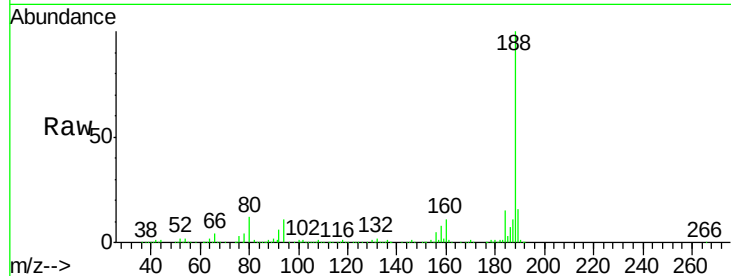
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.9	8.5	12.7
80	12.2	9.2	13.8

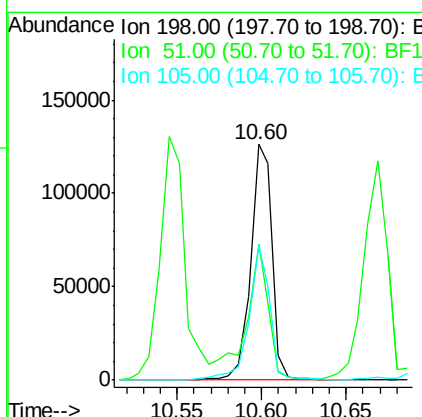
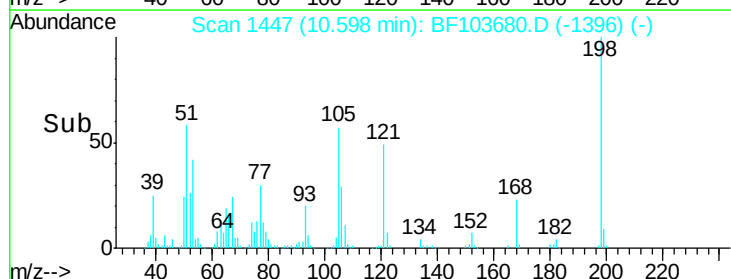
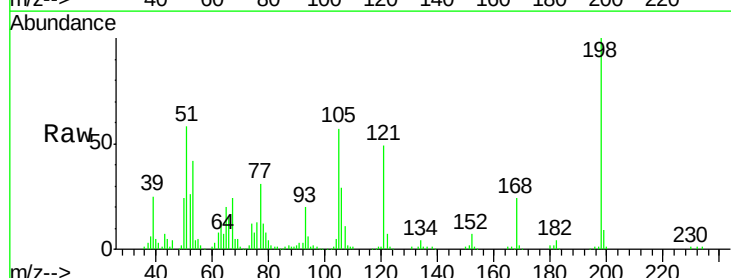
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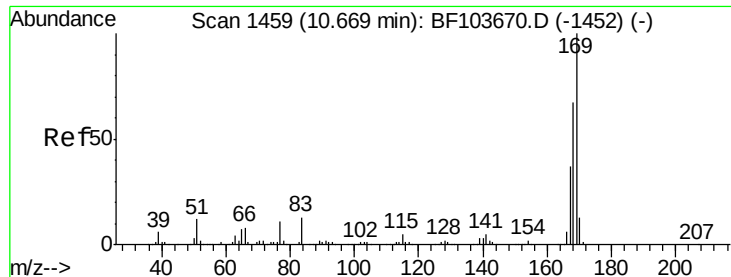
Sohil
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 53.921 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	57.8	37.7	77.7
105	57.3	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 44.492 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

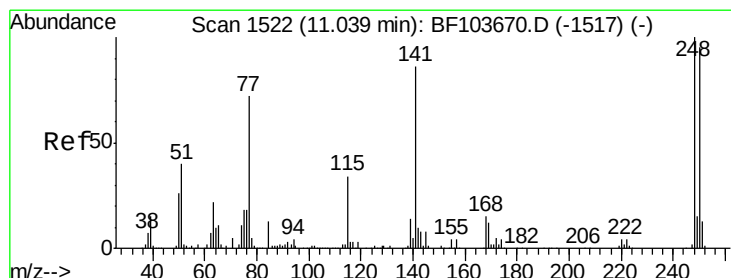
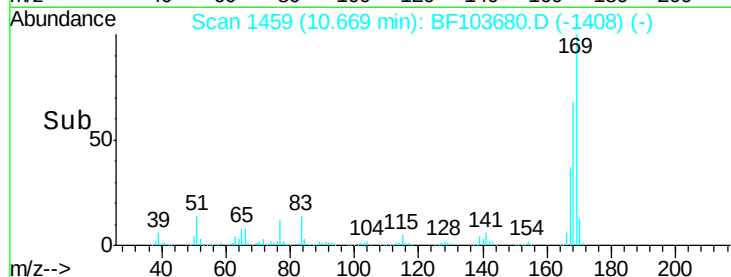
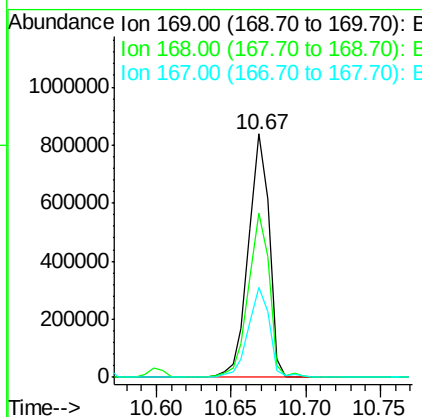
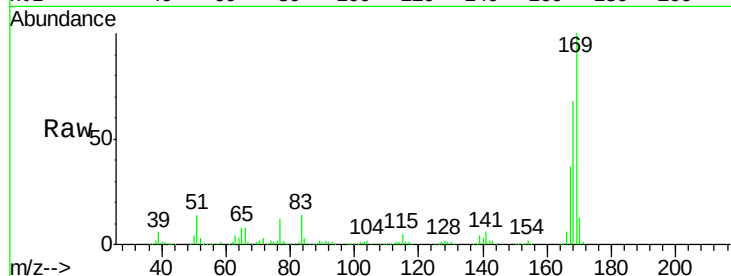
ClientSampleId :

PB107343BSD

Tot Ion:	169	Resp:	803463
Ion Ratio	Lower	Upper	
169	100		
168	67.5	54.4	81.6
167	36.9	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 45.005 ng

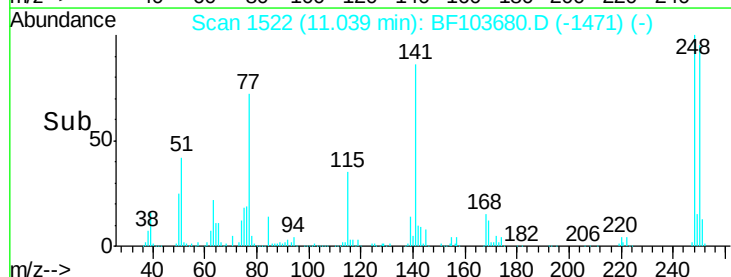
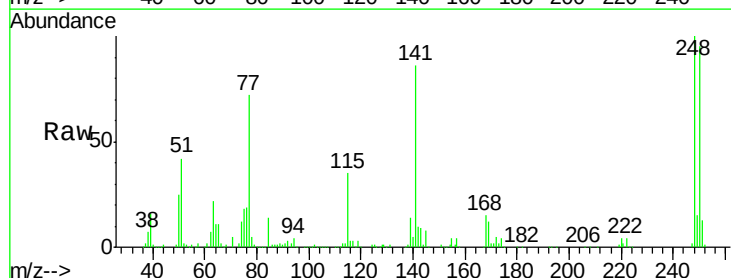
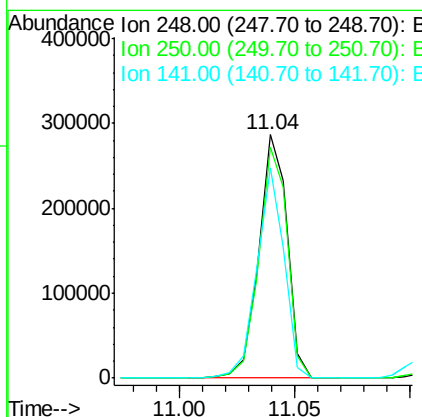
RT: 11.04 min Scan# 1522

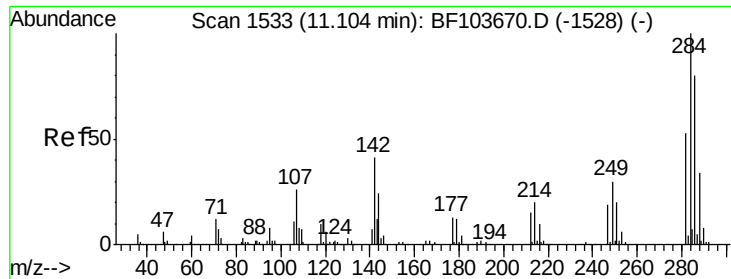
Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Tgt Ion:	248	Resp:	245152
Ion Ratio	Lower	Upper	
248	100		
250	94.7	76.9	115.3
141	86.3	74.4	111.6





#67

Hexachlorobenzene

Concen: 42.818 ng

RT: 11.10 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

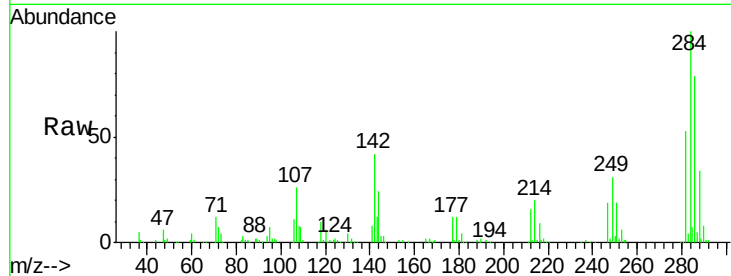
ClientSampleId :

PB107343BSD

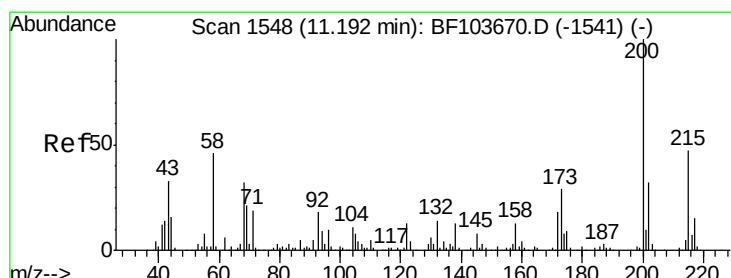
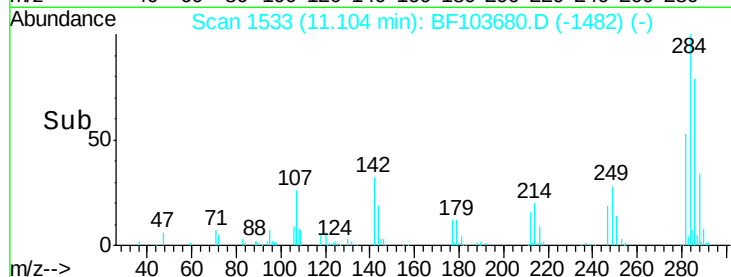
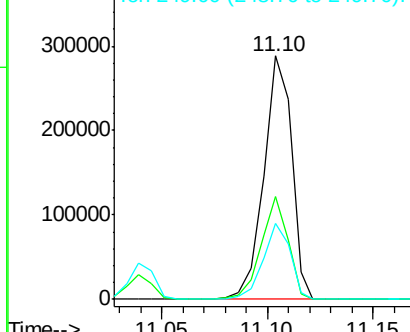
Tot Ion:	284	Resp:	266201
Ion Ratio		Lower	Upper
284	100		
142	42.3	34.6	52.0
249	31.1	24.8	37.2

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



#68

Atrazine

Concen: 45.843 ng

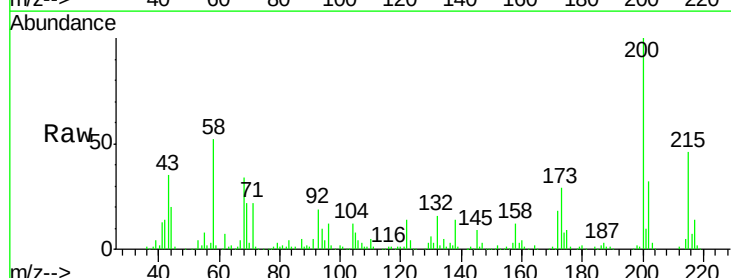
RT: 11.19 min Scan# 1548

Delta R.T. 0.00 min

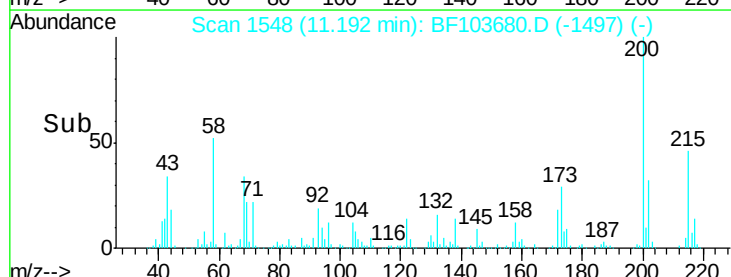
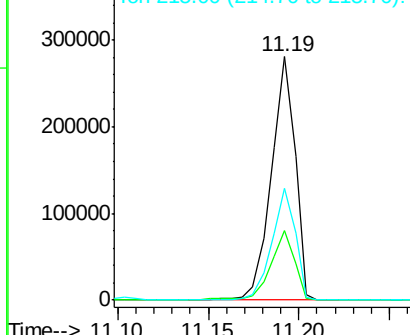
Lab File: BF103680.D

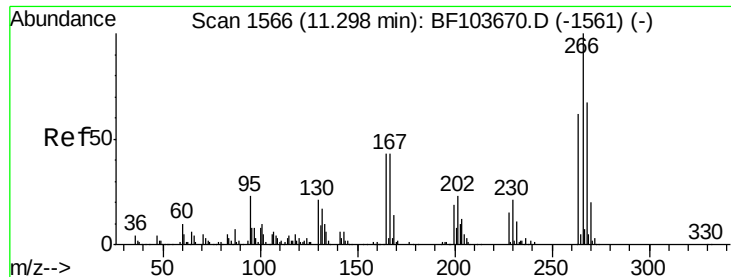
Acq: 15 Mar 2018 20:42

Tgt Ion:	200	Resp:	256087
Ion Ratio		Lower	Upper
200	100		
173	28.6	8.6	48.6
215	46.1	25.1	65.1



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





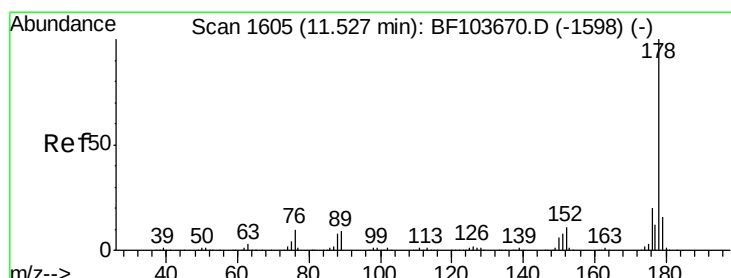
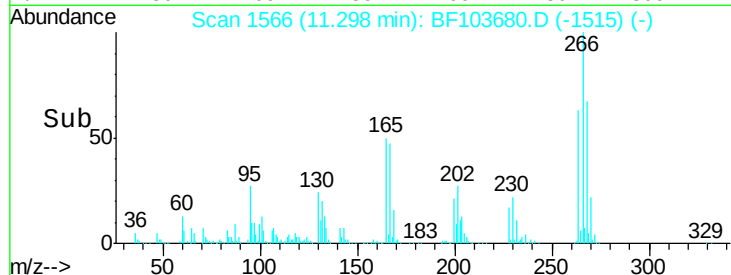
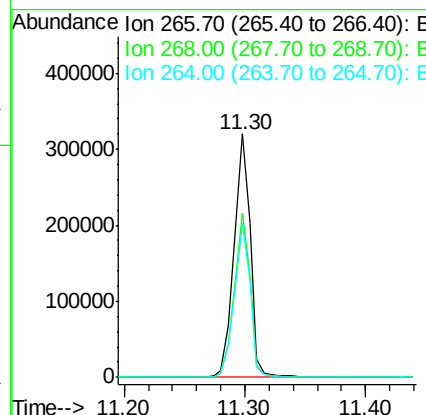
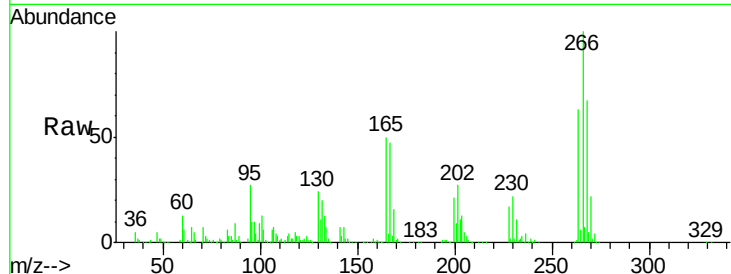
#69
 Pentachlorophenol
 Concen: 84.065 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	300472		
268	67.4		51.1	76.7
264	63.4		49.5	74.3

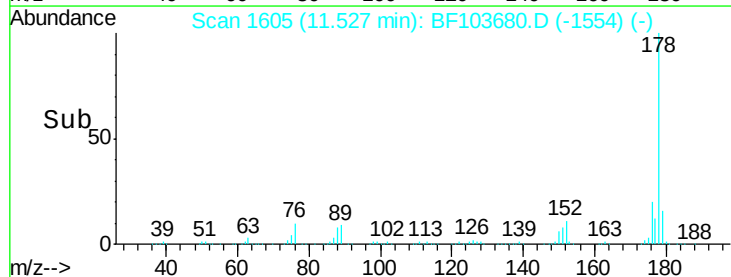
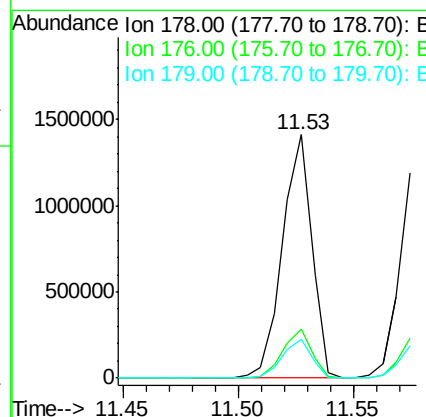
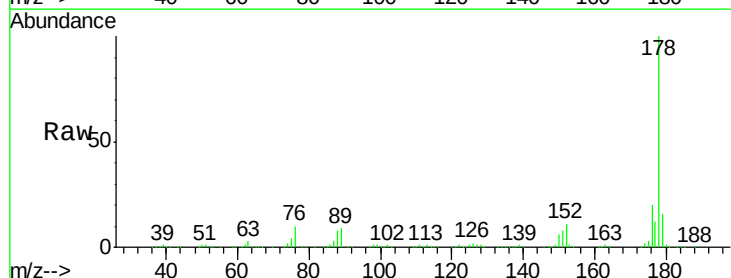
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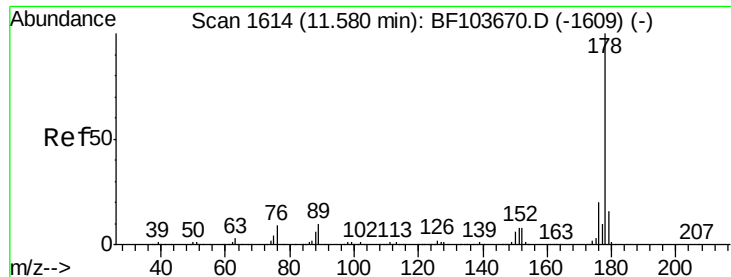
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#70
 Phenanthrene
 Concen: 42.959 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1246722		
176	20.2		15.8	23.8
179	15.8		13.0	19.6





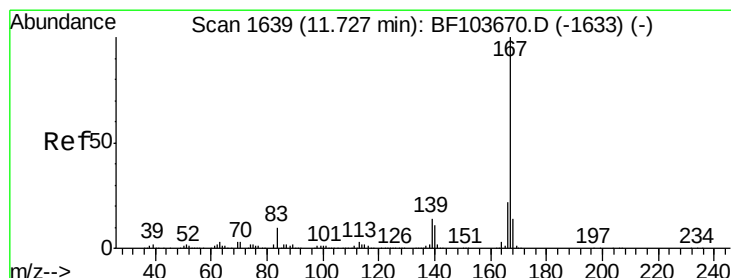
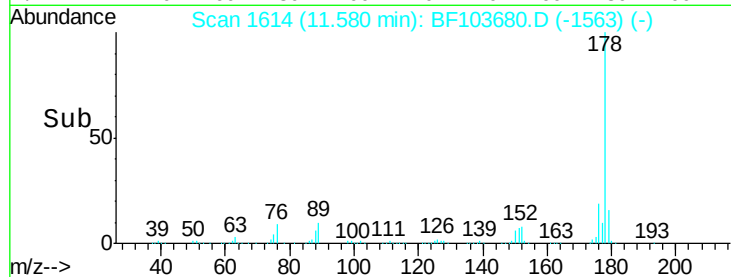
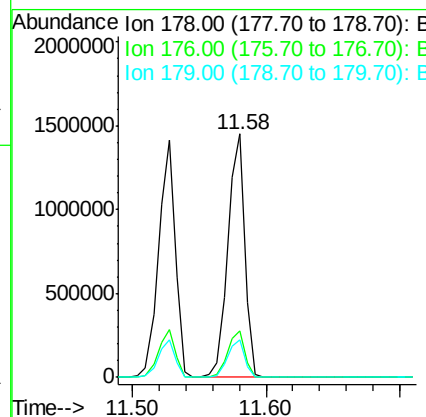
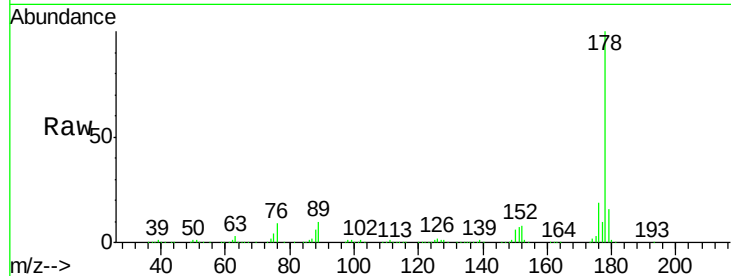
#71
 Anthracene
 Concen: 44.323 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BSD

Tot Ion:178 Resp: 1306472
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.6 12.6 19.0

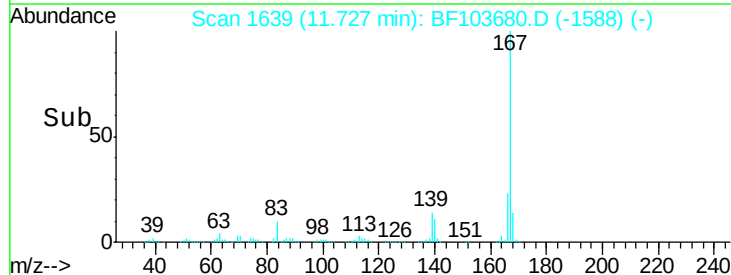
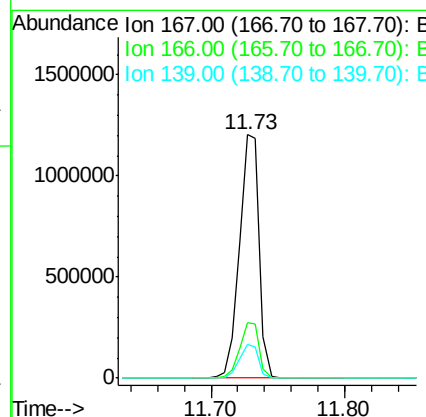
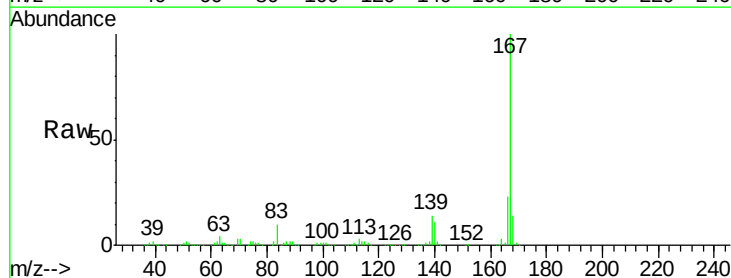
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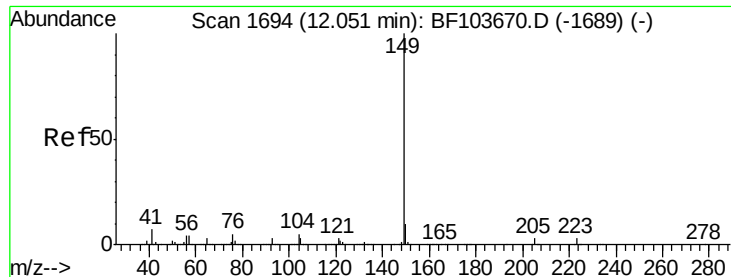
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#72
 Carbazole
 Concen: 43.283 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Tgt Ion:167 Resp: 1240020
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.6 26.4
 139 14.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 43.127 ng

RT: 12.05 min Scan# 1694

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

ClientSampleId :

PB107343BSD

Tot Ion:149 Resp: 1482509

Ion Ratio Lower Upper

149 100

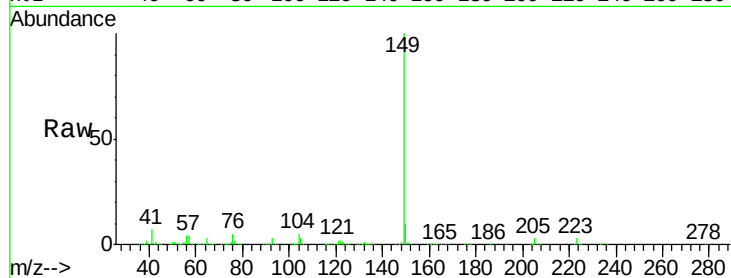
150 9.9 7.8 11.6

104 5.2 3.8 5.8

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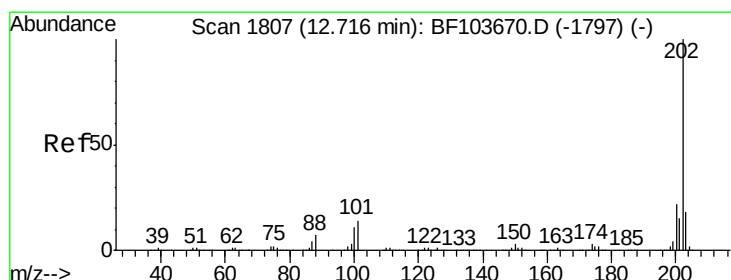
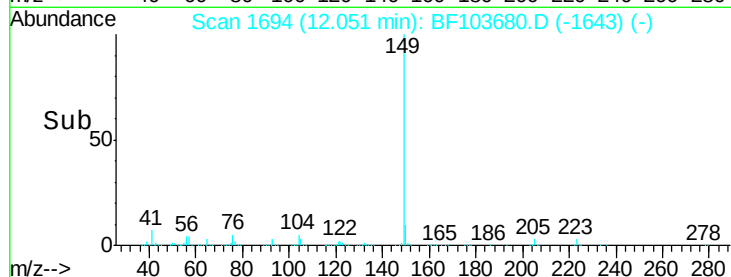
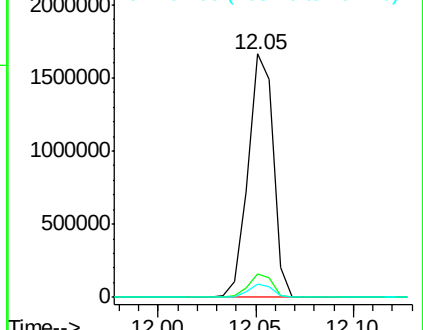
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.990 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

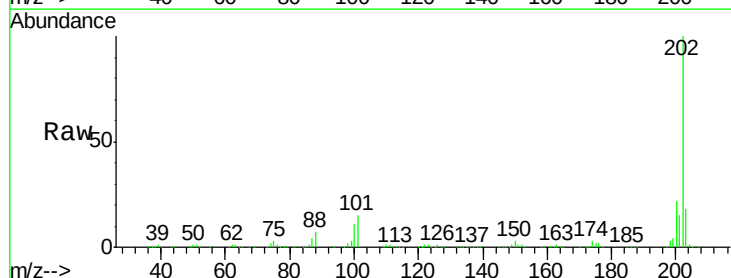
Tgt Ion:202 Resp: 1315227

Ion Ratio Lower Upper

202 100

101 14.7 0.0 34.1

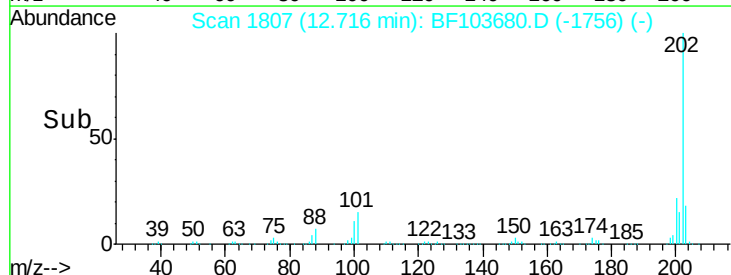
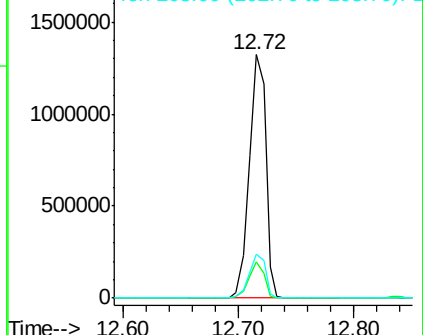
203 17.9 0.0 38.1

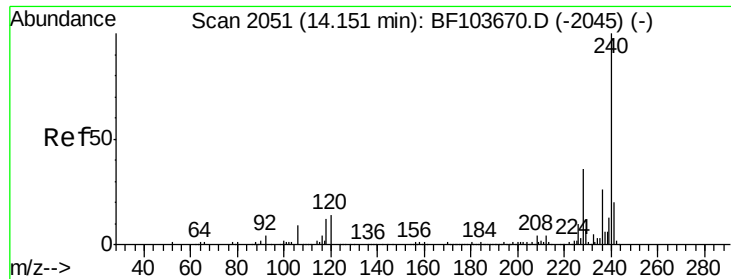


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

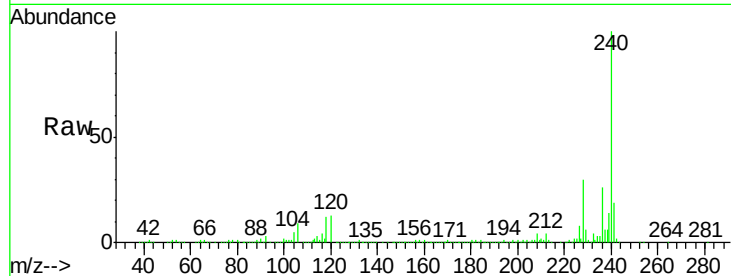
ClientSampleId :

PB107343BSD

Tot Ion:	240	Resp:	425710
Ion Ratio	Lower	Upper	
240	100		
120	13.3	9.5	14.3
236	26.3	20.7	31.1

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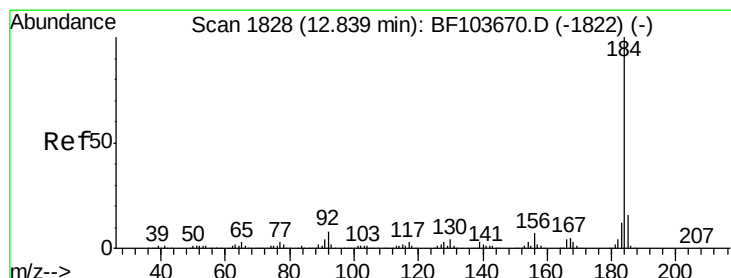
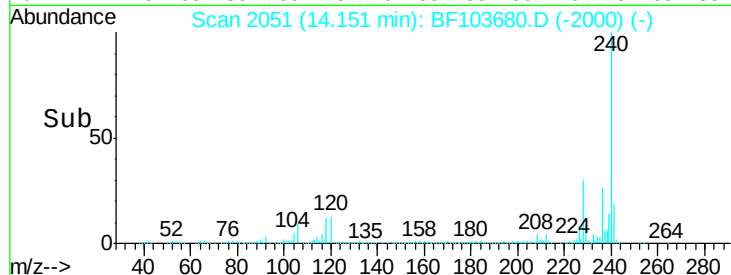
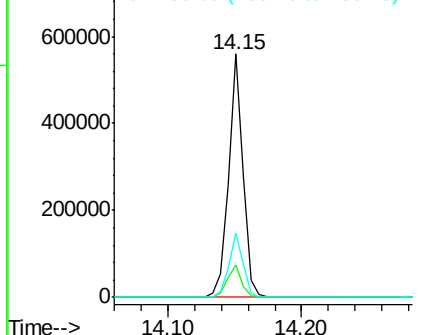
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.757 ng

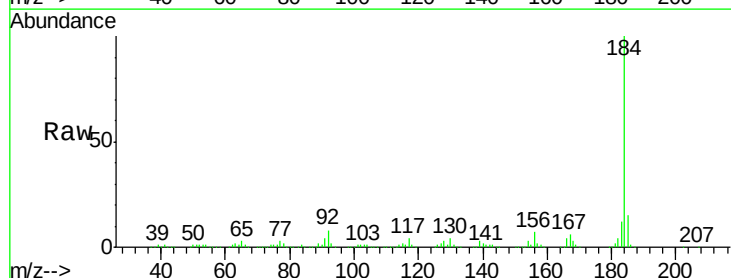
RT: 12.84 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

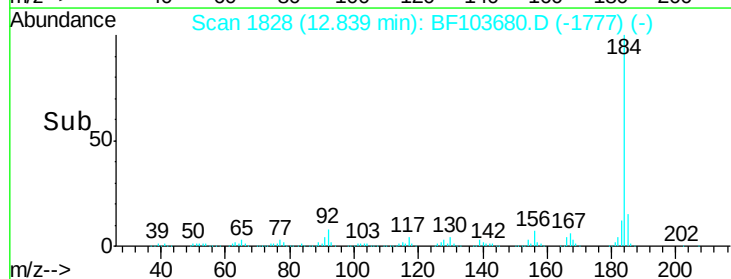
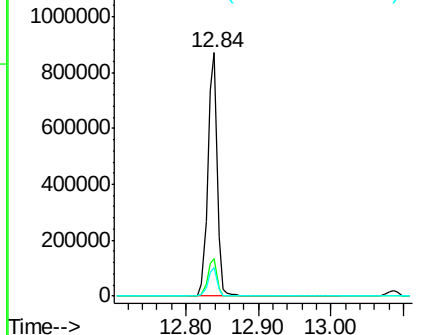
Tgt Ion:	184	Resp:	776336
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.6	18.8
183	11.9	9.3	13.9

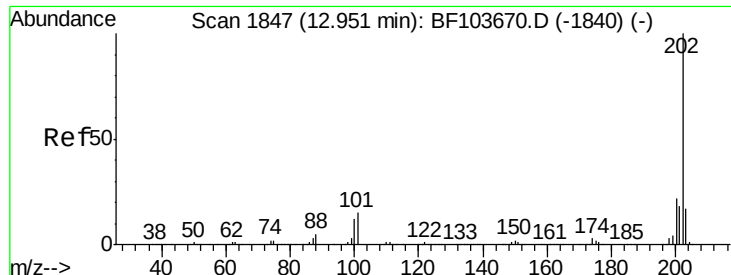


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





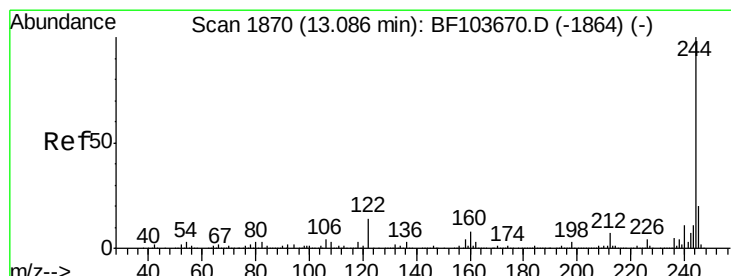
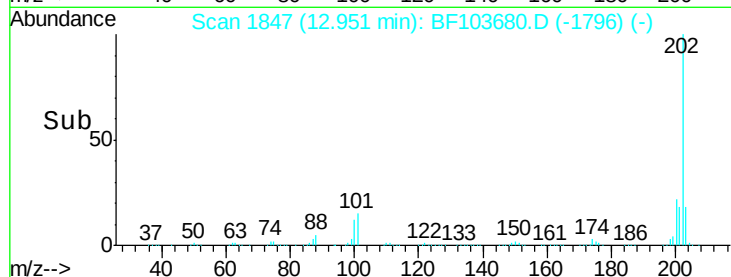
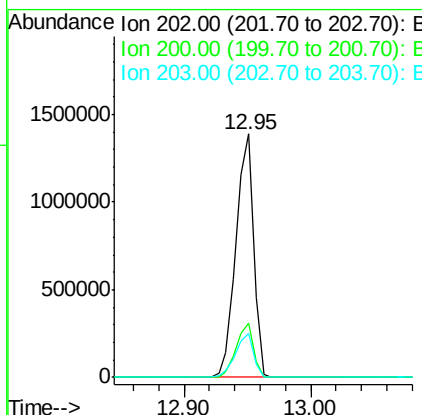
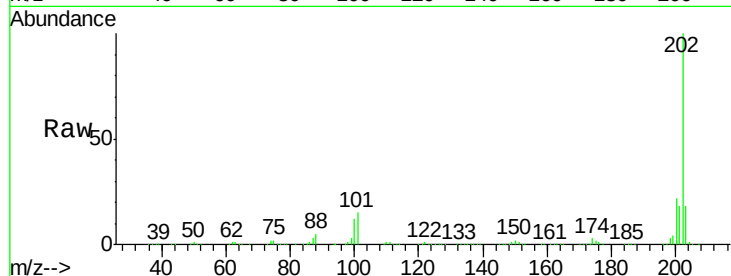
#77
Pvrene
Concen: 42.461 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Instrument :
BNA_F
ClientSampleId :
PB107343BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	17.8	14.3	21.5

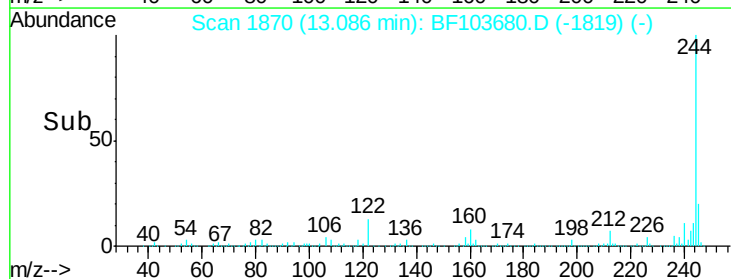
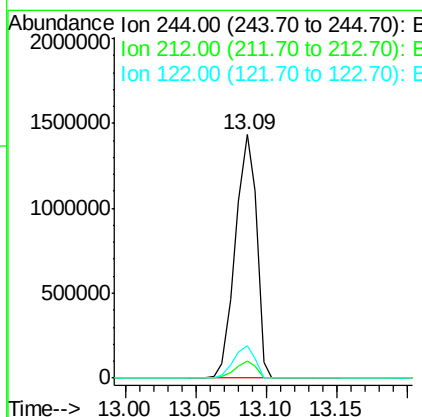
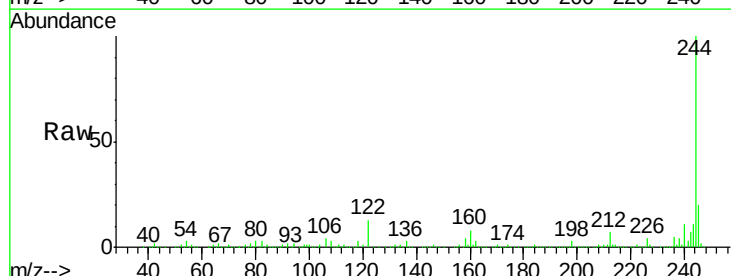
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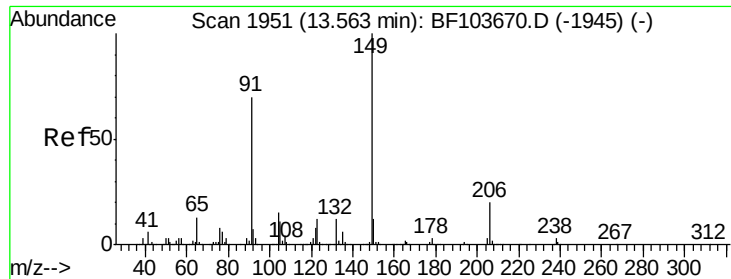
Sohil
3/16/2018 12:06:18 PM



#78
Terphenyl-d14
Concen: 81.671 ng
RT: 13.09 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.1	11.0	16.4





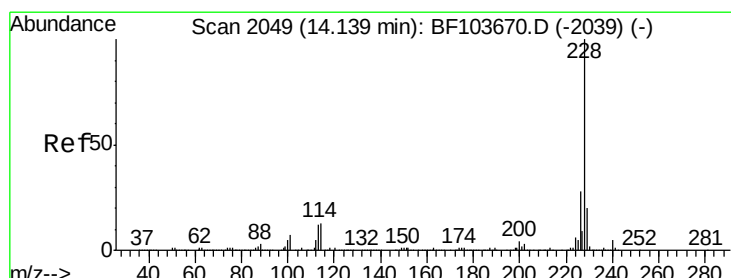
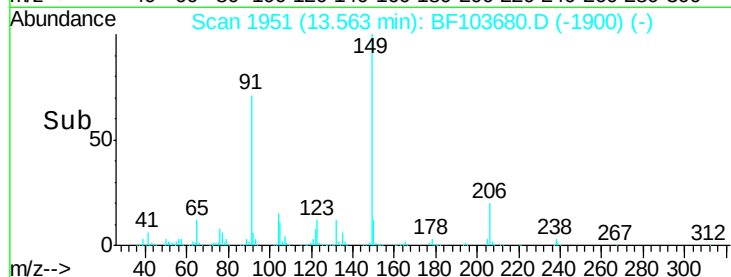
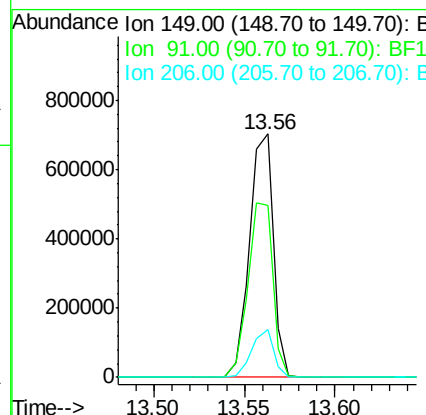
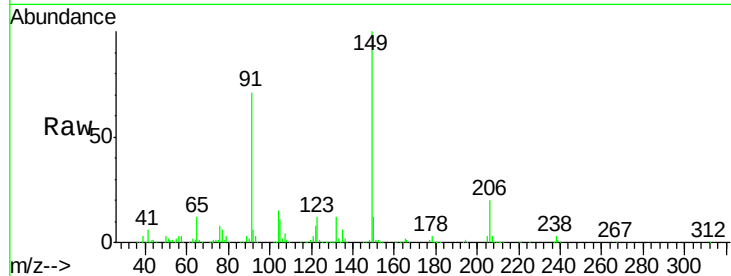
#79
Butylbenzylphthalate
Concen: 46.521 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Instrument :
BNA_F
ClientSampleId :
PB107343BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.8	56.8	85.2
206	19.7	14.1	21.1

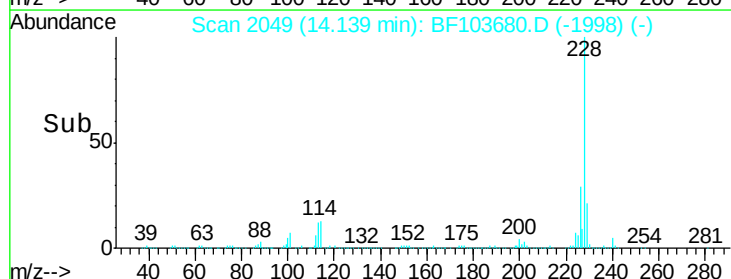
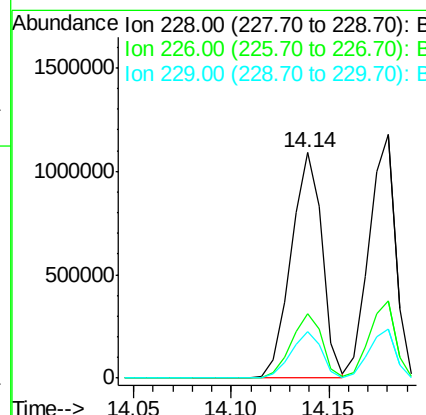
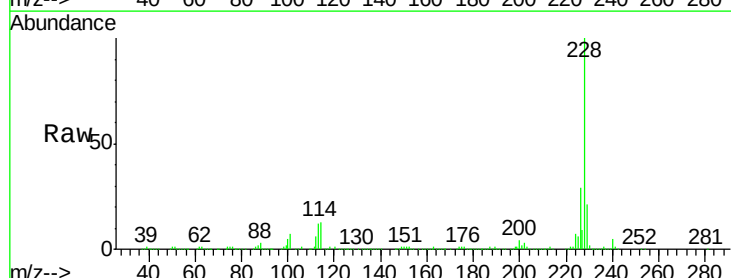
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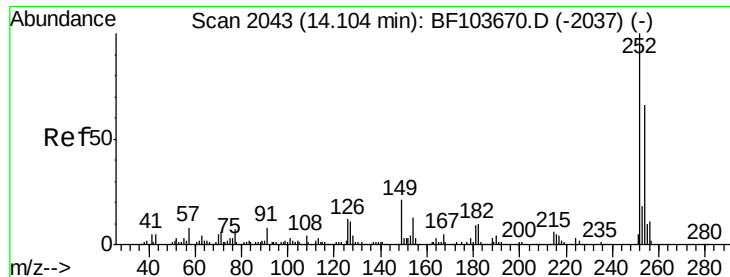
Sohil
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#80
Benzo(a)anthracene
Concen: 44.243 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	20.5	15.8	23.6





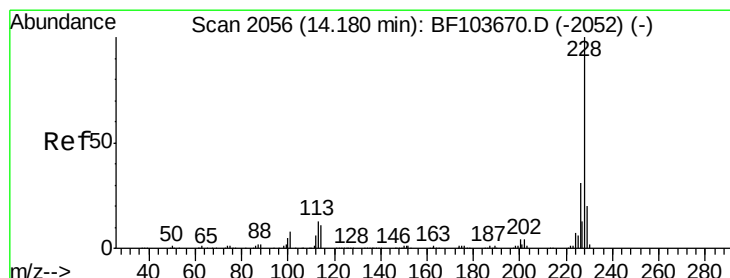
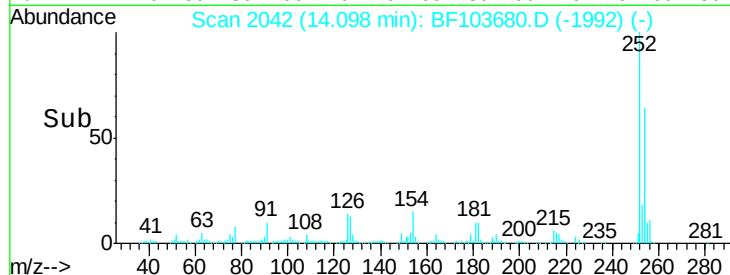
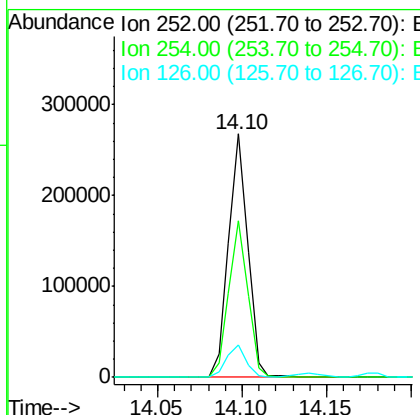
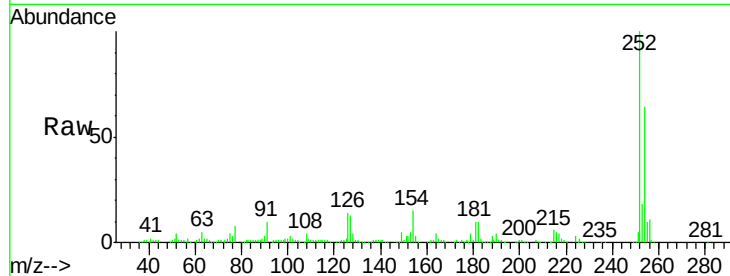
#81
 3,3'-Dichlorobenzidine
 Concen: 23.585 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.3	50.4	75.6
126	13.6	11.3	16.9

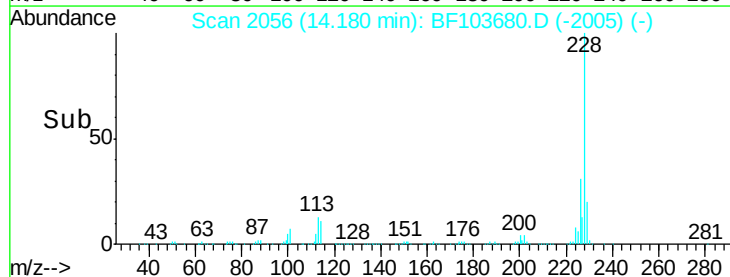
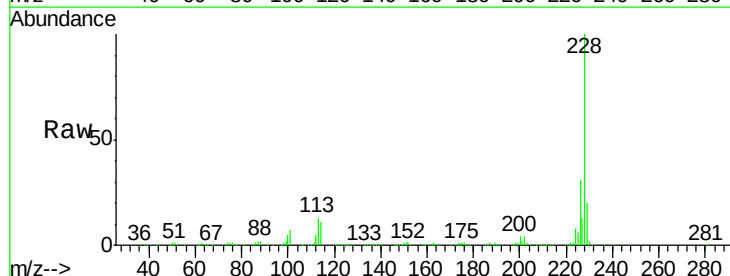
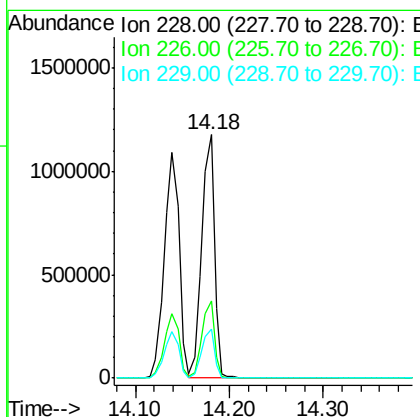
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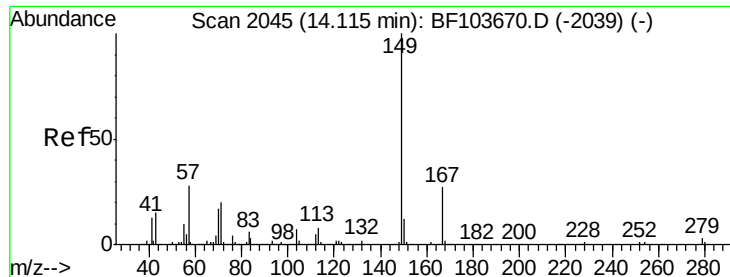
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#82
 Chrysene
 Concen: 43.462 ng
 RT: 14.18 min Scan# 2056
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.3	16.2	24.4





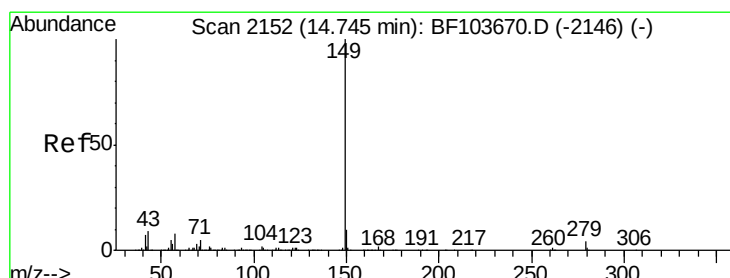
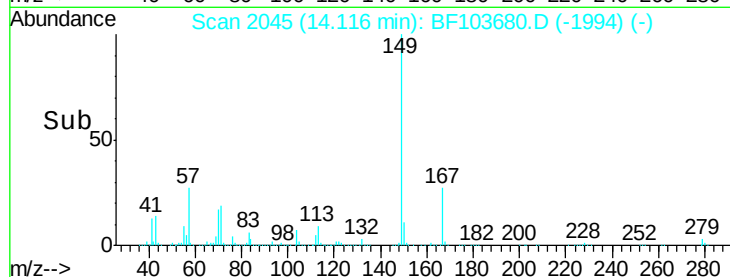
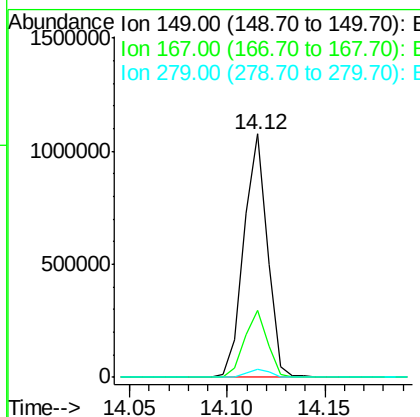
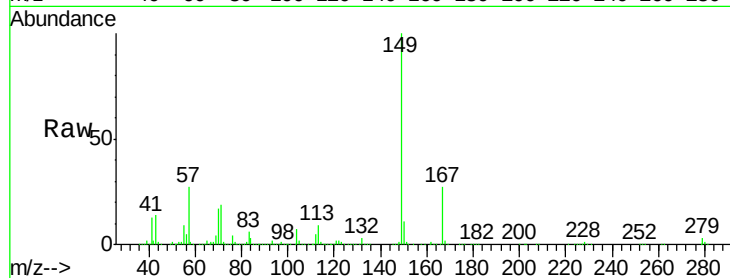
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.399 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BSD

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

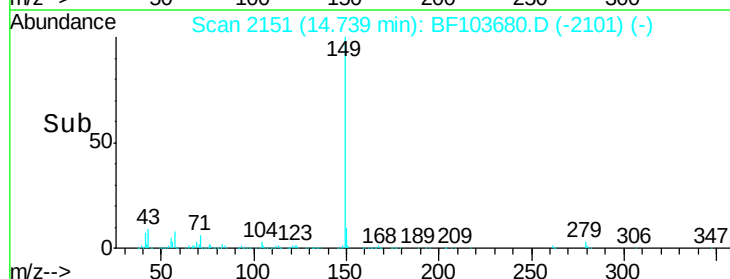
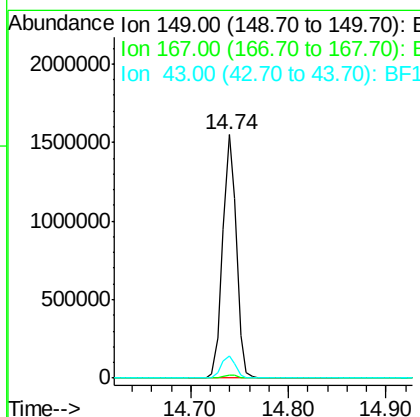
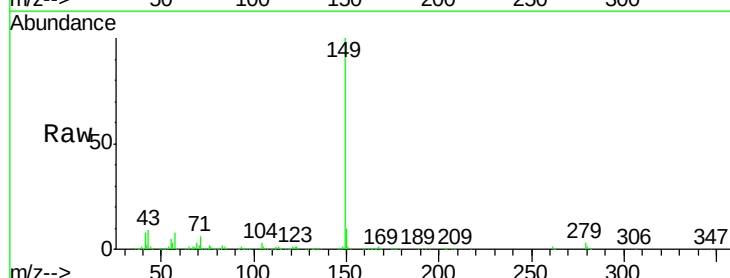
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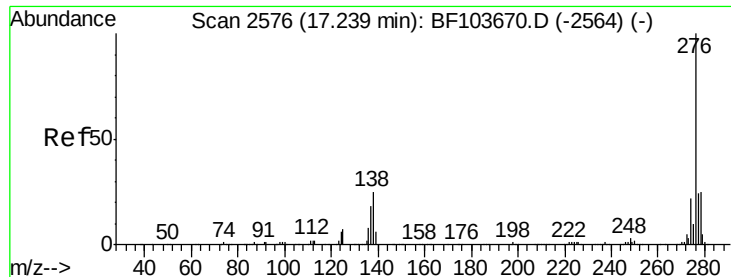
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#84
 Di-n-octyl phthalate
 Concen: 52.353 ng
 RT: 14.74 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.4	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.291 ng

RT: 17.24 min Scan# 2576

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

ClientSampleId :

PB107343BSD

Tot Ion:276 Resp: 1038440

Ion Ratio Lower Upper

276 100

138 29.0 25.0 37.6

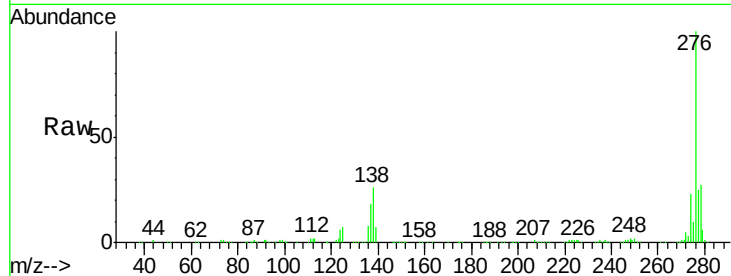
277 25.3 20.1 30.1

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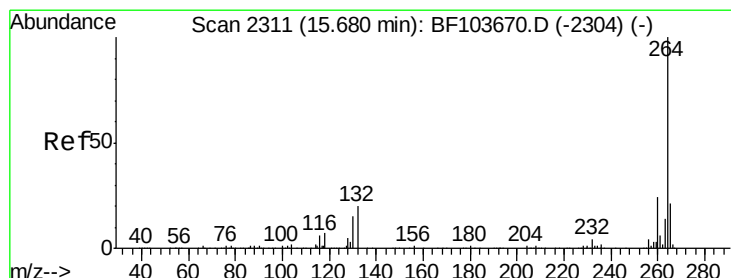
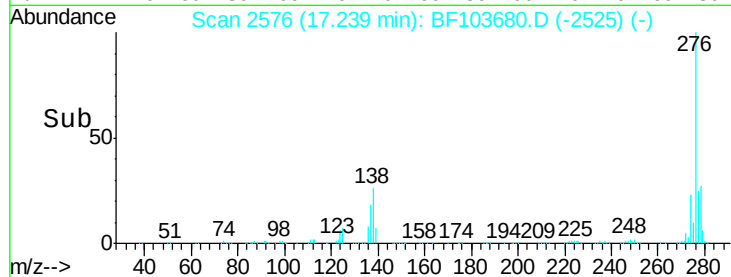
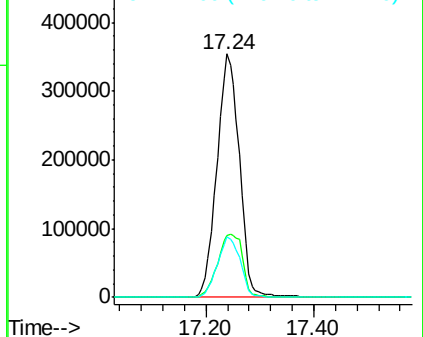
3/16/2018 12:06:18 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

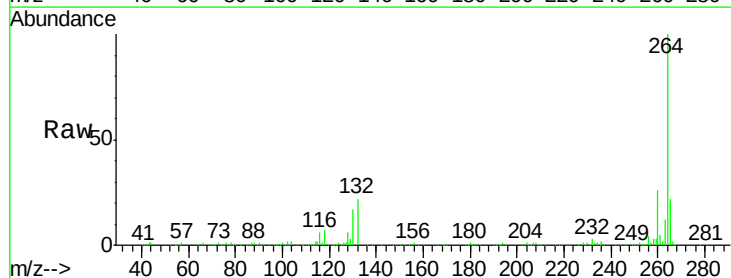
Tgt Ion:264 Resp: 391124

Ion Ratio Lower Upper

264 100

260 25.8 19.2 28.8

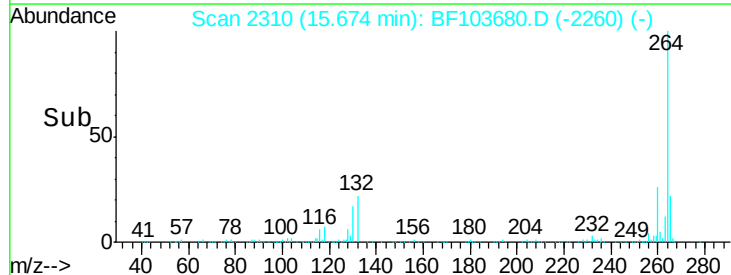
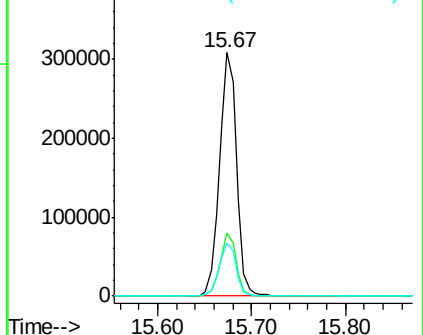
265 21.8 17.5 26.3

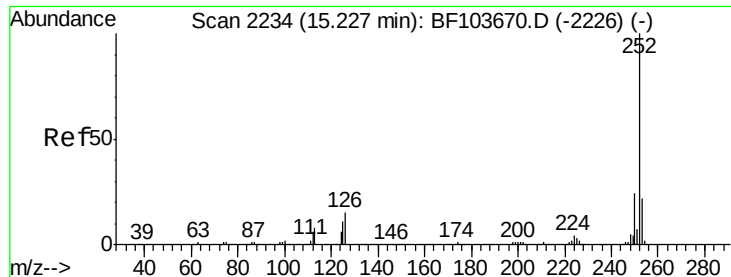


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 45.970 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

ClientSampleId :

PB107343BSD

Tot Ion:252 Resp: 1135921

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

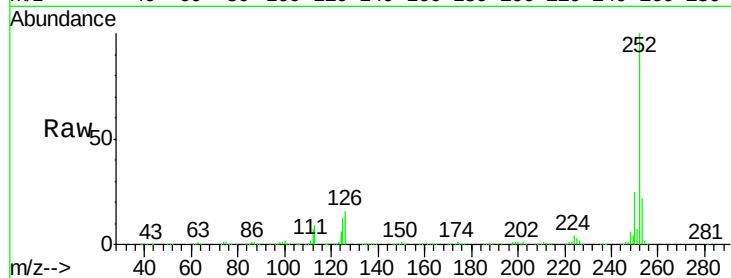
125 12.8 9.0 13.6

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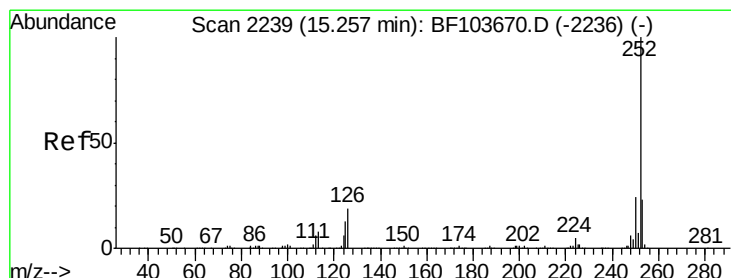
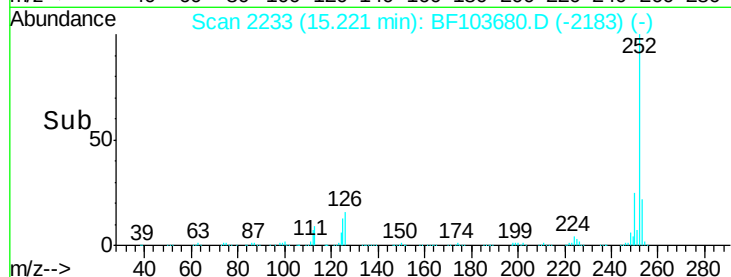
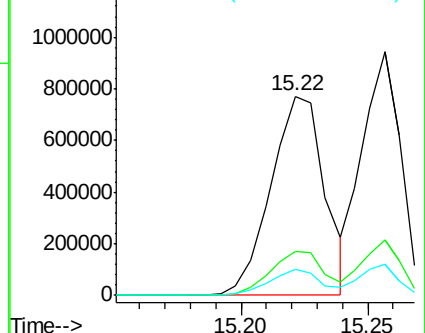
3/16/2018 12:06:18 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.108 ng

RT: 15.26 min Scan# 2239

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

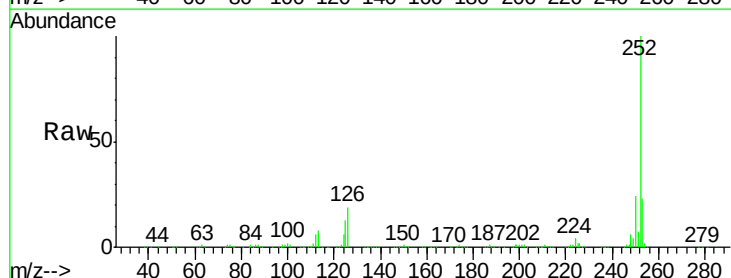
Tgt Ion:252 Resp: 1023962

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

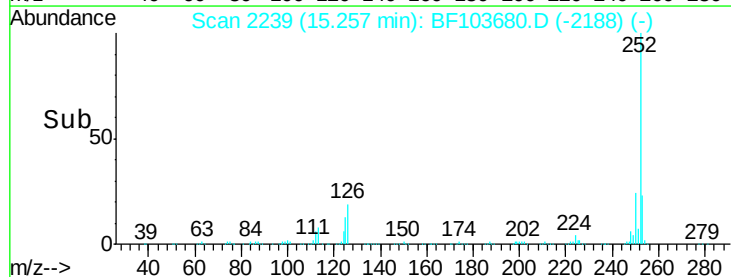
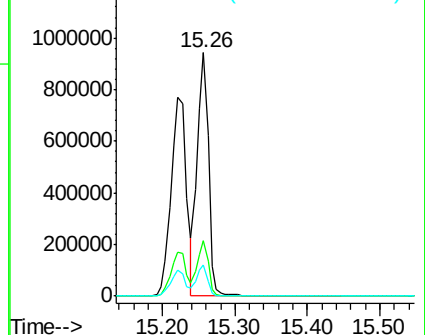
125 12.9 10.2 15.2

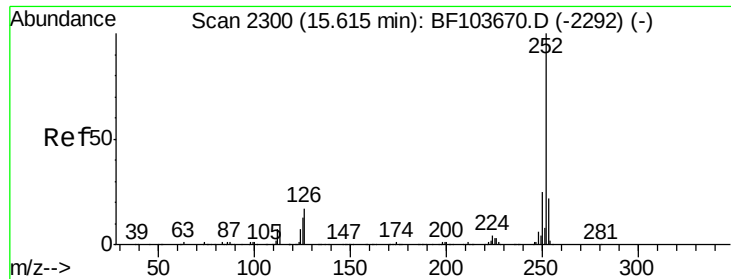


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





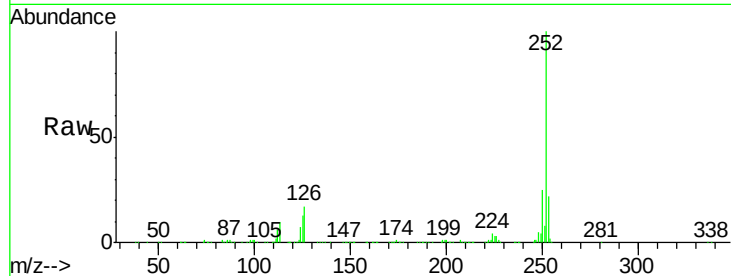
#89
Benzo(a)pyrene
Concen: 46.216 ng
RT: 15.62 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Instrument :
BNA_F
ClientSampleId :
PB107343BSD

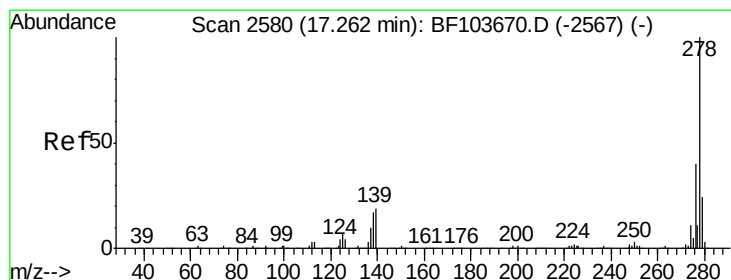
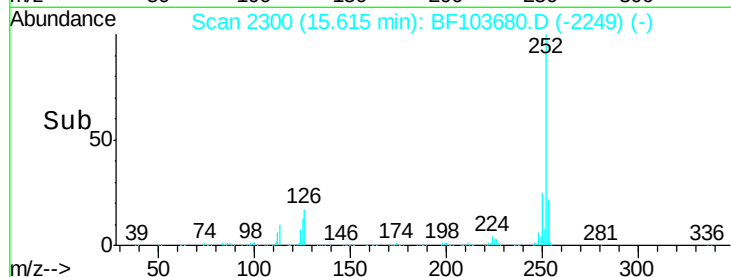
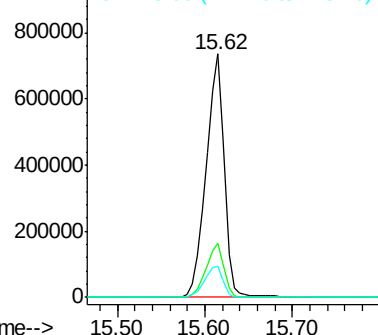
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	13.0	9.8	14.6

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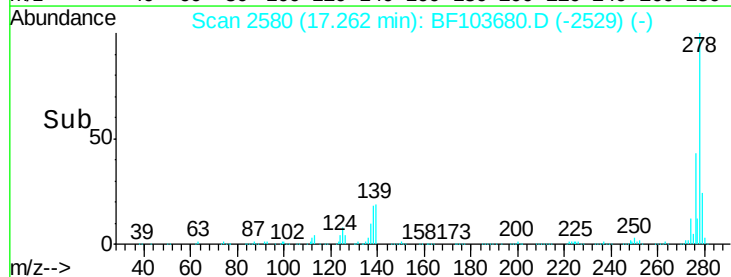
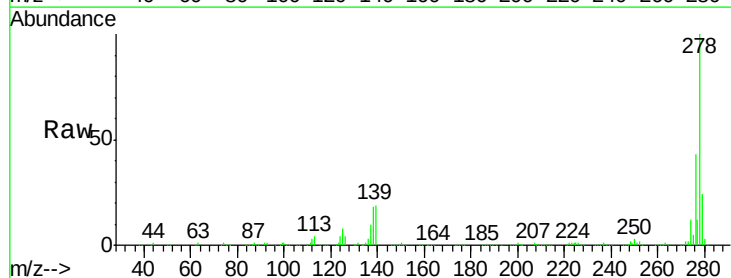
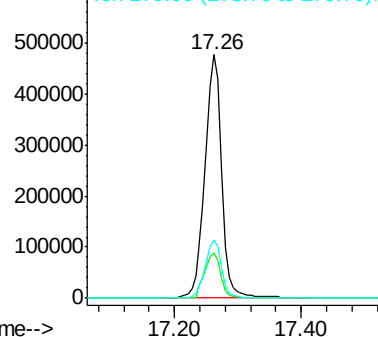
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

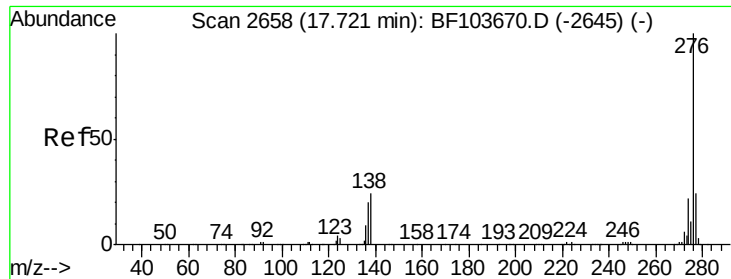


#90
Dibenzo(a,h)anthracene
Concen: 44.787 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.8	15.9	23.9
279	24.1	19.0	28.4

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





#91
 Benzo(a,h,i)perylene
 Concen: 45.251 ng
 RT: 17.72 min Scan# 2658
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BSD

Tot Ion:	276	Resp:	854341
Ion Ratio	Lower	Upper	
276	100		
277	23.6	17.9	26.9
138	24.7	21.8	32.8

Manual Integrations
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