

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
 Data File : BF103679.D
 Acq On : 15 Mar 2018 20:15
 Operator : JU/SJ
 Sample : PB107343BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BS

Manual Integrations
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Sohil
 3/16/2018 12:06:16 PM

Quant Time: Mar 16 05:00:20 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	147947	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	635128	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	297794	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	530920	20.00	ng	0.00
75) Chrysene-d12	14.15	240	424441	20.00	ng	0.00
86) Perylene-d12	15.68	264	388803	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1669699	171.66	ng	0.02
7) Phenol-d6	6.60	99	2111791	177.46	ng	0.01
23) Nitrobenzene-d5	7.53	82	816544	89.66	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	487890	190.55	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1462927	78.36	ng	0.00
78) Terphenyl-d14	13.09	244	1488765	81.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.93	88	220391	46.015	ng	93
3) Pyridine	3.68	79	598284	45.414	ng	90
4) n-Nitrosodimethylamine	3.64	42	244608	50.358	ng	91
6) Aniline	6.63	93	586889	34.538	ng	97
8) 2-Chlorophenol	6.76	128	483819	47.482	ng	96
9) Benzaldehyde	6.52	77	141506	18.100	ng	98
10) Phenol	6.60	94	584481	46.221	ng	97
11) bis(2-Chloroethyl)ether	6.70	93	471685	45.185	ng	98
12) 1,3-Dichlorobenzene	6.91	146	508429	43.810	ng	99
13) 1,4-Dichlorobenzene	6.99	146	511935	43.898	ng	99
14) 1,2-Dichlorobenzene	7.14	146	479481	44.308	ng	99
15) Benzyl Alcohol	7.10	79	431560	46.805	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	666662	44.901	ng	96
17) 2-Methylphenol	7.21	107	418221	46.090	ng	99
18) Hexachloroethane	7.48	117	192008	46.807	ng	96
19) n-Nitroso-di-n-propylamine	7.37	70	337862	44.301	ng	96
20) 3+4-Methylphenols	7.36	107	522279	45.354	ng	89
22) Acetophenone	7.37	105	683863	41.895	ng	# 95
24) Nitrobenzene	7.55	77	515693	48.230	ng	98
25) Isophorone	7.79	82	977773	46.376	ng	98
26) 2-Nitrophenol	7.86	139	212885	51.478	ng	99
27) 2,4-Dimethylphenol	7.89	122	471957	52.253	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	609410	47.734	ng	99
29) 2,4-Dichlorophenol	8.10	162	399239	48.585	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	409849	43.002	ng	98
31) Naphthalene	8.27	128	1410192	43.954	ng	99
32) Benzoic acid	8.01	122	276529	44.341	ng	99
33) 4-Chloroaniline	8.32	127	324663	24.121	ng	98
34) Hexachlorobutadiene	8.39	225	216690	41.467	ng	99
35) Caprolactam	8.69	113	129340m	45.710	ng	
36) 4-Chloro-3-methylphenol	8.79	107	435228	48.044	ng	96
37) 2-Methylnaphthalene	8.96	142	925735	45.500	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	363335	42.767	ng	98
40) Hexachlorocyclopentadiene	9.12	237	448778	102.372	ng	98

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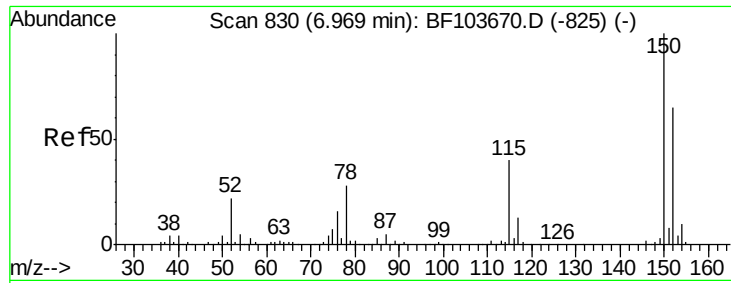
Manual Integrations
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Quant Time: Mar 16 05:00:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	272305	50.110	ng	100
43) 2,4,5-Trichlorophenol	9.27	196	285320	46.519	ng	97
45) 1,1'-Biphenyl	9.43	154	1060542	42.709	ng	100
46) 2-Chloronaphthalene	9.46	162	852867	43.243	ng	98
47) 2-Nitroaniline	9.55	65	252673	48.834	ng	95
48) Acenaphthylene	9.87	152	1311537	42.883	ng	100
49) Dimethylphthalate	9.73	163	982486	43.243	ng	99
50) 2,6-Dinitrotoluene	9.79	165	214602	48.759	ng	90
51) Acenaphthene	10.05	154	862729	47.508	ng	99
52) 3-Nitroaniline	9.96	138	165151	32.676	ng	94
53) 2,4-Dinitrophenol	10.06	184	162982	100.270	ng #	21
54) Dibenzofuran	10.22	168	1167829	45.027	ng	97
55) 4-Nitrophenol	10.11	139	408609	97.099	ng	96
56) 2,4-Dinitrotoluene	10.19	165	284856	50.749	ng	93
57) Fluorene	10.56	166	873889	43.421	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	228874	52.663	ng	98
59) Diethylphthalate	10.43	149	971197	43.068	ng	99
60) 4-Chlorophenyl-phenylether	10.55	204	394719	42.915	ng	95
61) 4-Nitroaniline	10.58	138	245289	48.354	ng	96
62) Azobenzene	10.71	77	1014712	44.259	ng	98
64) 4,6-Dinitro-2-methylphenol	10.60	198	108129	52.798	ng	97
65) n-Nitrosodiphenylamine	10.67	169	798627	44.192	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	242683	44.520	ng	98
67) Hexachlorobenzene	11.10	284	264758	42.554	ng	98
68) Atrazine	11.19	200	256985	45.970	ng	99
69) Pentachlorophenol	11.30	266	299320	83.681	ng	97
70) Phenanthrene	11.53	178	1266688	43.615	ng	99
71) Anthracene	11.58	178	1296173	43.942	ng	99
72) Carbazole	11.73	167	1235359	43.089	ng	99
73) Di-n-butylphthalate	12.06	149	1500960	43.632	ng	99
74) Fluoranthene	12.72	202	1319234	44.091	ng	100
76) Benzidine	12.84	184	766622	42.349	ng	99
77) Pyrene	12.95	202	1347930	43.244	ng	100
79) Butylbenzylphthalate	13.56	149	636136	46.063	ng	99
80) Benzo(a)anthracene	14.14	228	1189184	44.262	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	201906	22.467	ng	99
82) Chrysene	14.18	228	1122491	43.828	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	906205	45.932	ng	100
84) Di-n-octyl phthalate	14.74	149	1495748	52.112	ng	98
85) Indeno(1,2,3-cd)pyrene	17.24	276	1014208	45.346	ng	97
87) Benzo(b)fluoranthene	15.23	252	1084004	44.130	ng	99
88) Benzo(k)fluoranthene	15.26	252	1046133	44.305	ng	99
89) Benzo(a)pyrene	15.62	252	1024594	45.988	ng	98
90) Dibenzo(a,h)anthracene	17.26	278	837811	43.429	ng	99
91) Benzo(g,h,i)perylene	17.72	276	824453	43.929	ng	96

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



#1

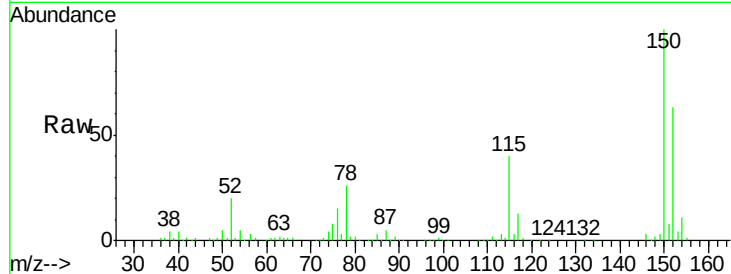
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Instrument :
BNA_F
ClientSampleId :
PB107343BS

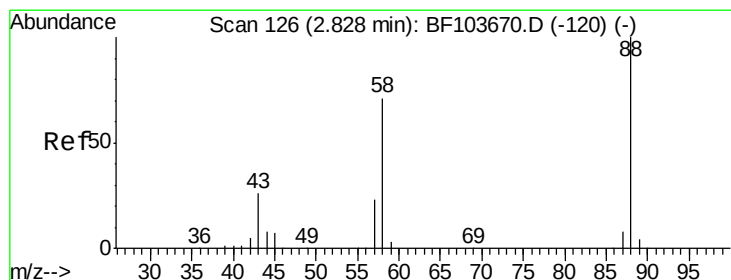
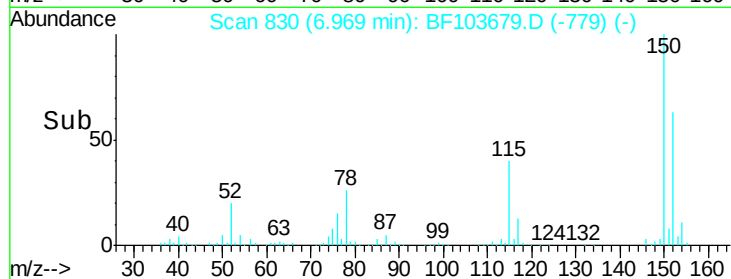
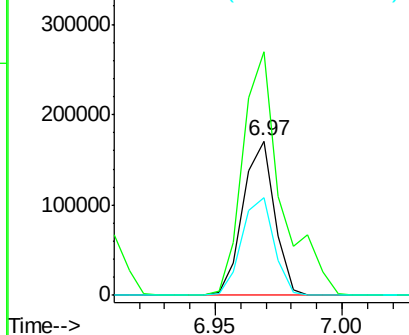
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	63.7	50.1	75.1

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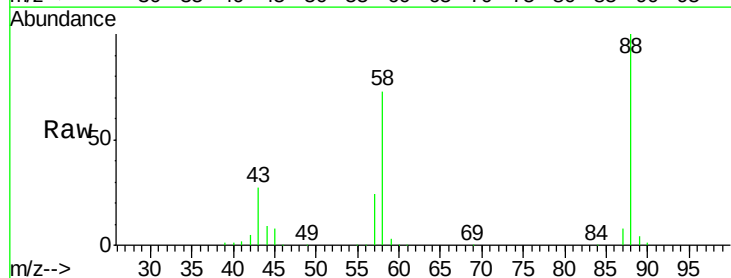
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



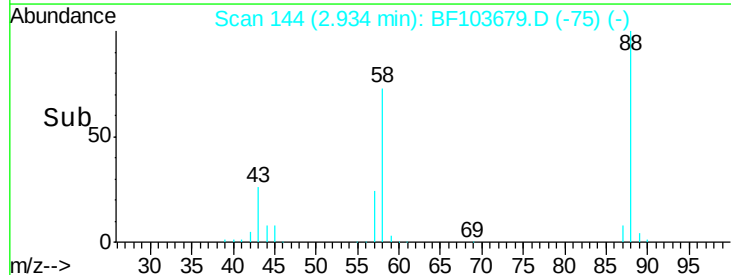
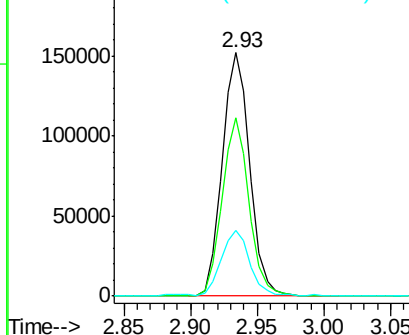
#2

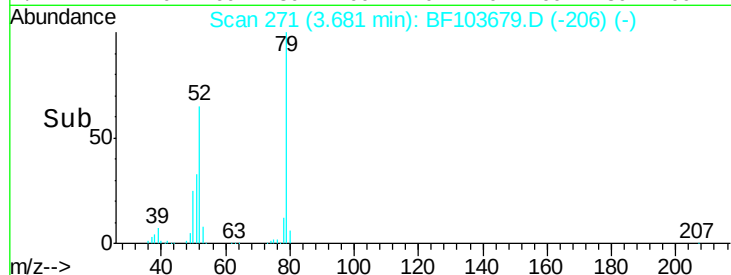
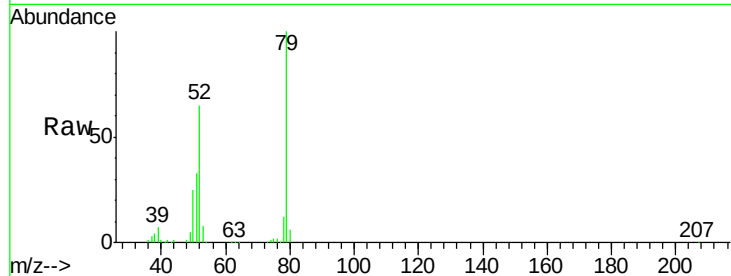
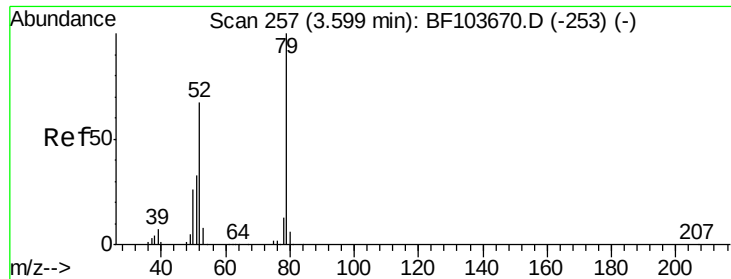
1,4-Dioxane
Concen: 46.015 ng
RT: 2.93 min Scan# 144
Delta R.T. 0.11 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.7	62.6	93.8
43	27.7	24.6	37.0



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





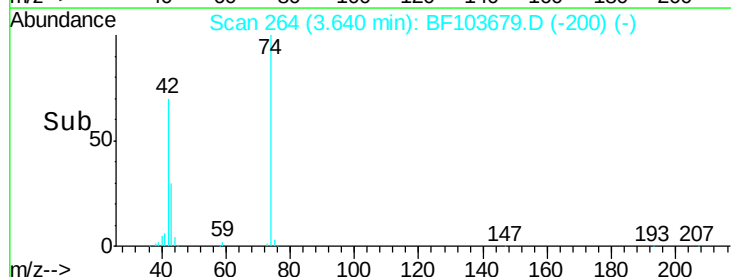
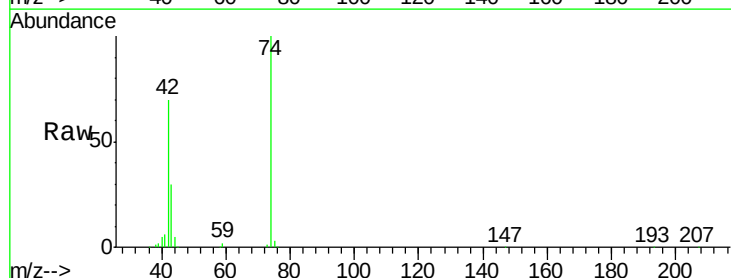
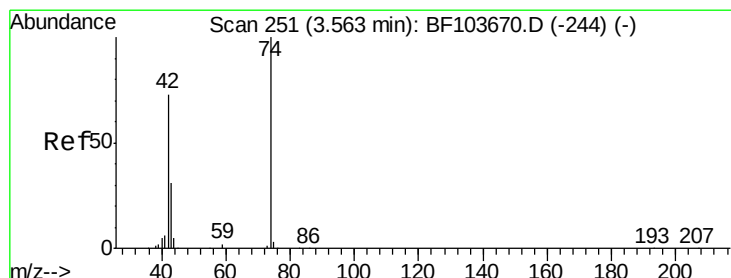
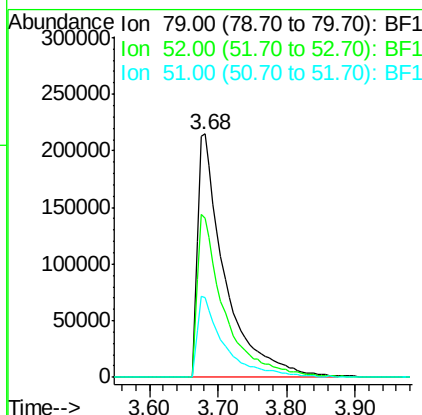
#3
 Pvridine
 Concen: 45.414 ng
 RT: 3.68 min Scan# 271
 Delta R.T. 0.08 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Tot Ion:	79	Resp:	598284
Ion Ratio	Lower	Upper	
79	100		
52	65.1	59.8	89.6
51	32.7	29.8	44.8

Instrument :
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 PB107343BS

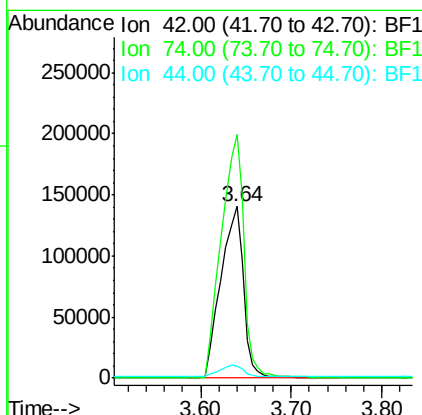
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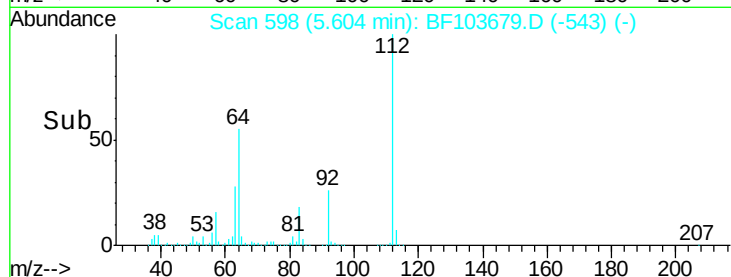
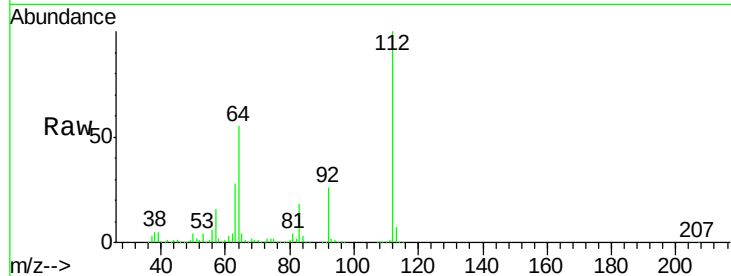
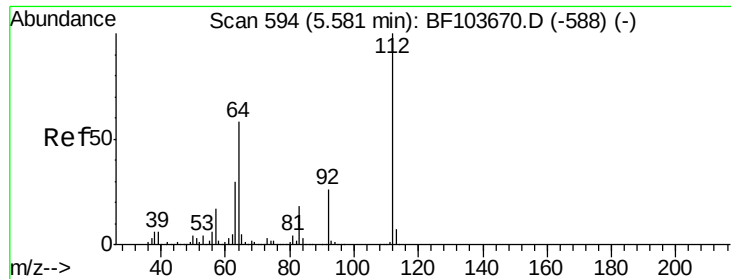
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#4
 n-Nitrosodimethylamine
 Concen: 50.358 ng
 RT: 3.64 min Scan# 264
 Delta R.T. 0.08 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Tgt Ion:	42	Resp:	244608
Ion Ratio	Lower	Upper	
42	100		
74	141.9	104.9	157.3
44	7.2	6.9	10.3





#5

2-Fluorophenol

Concen: 171.656 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.02 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Tot Ion:	112	Resp:	1669699
Ion	Ratio	Lower	Upper
112	100		
64	55.3	47.9	71.9
63	28.2	23.7	35.5

Instrument :

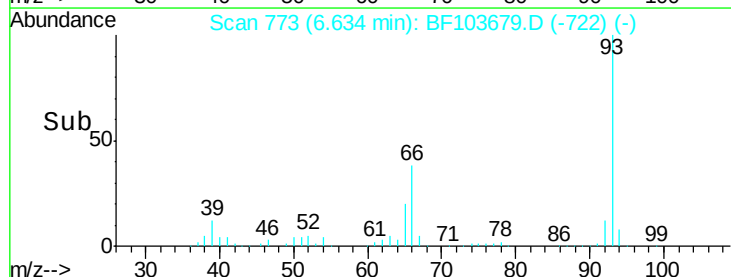
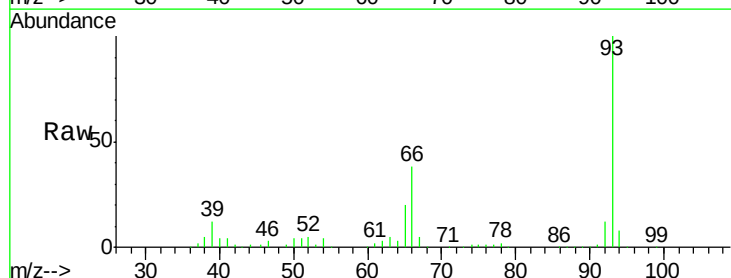
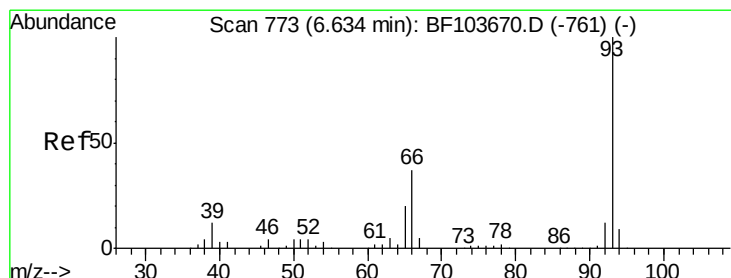
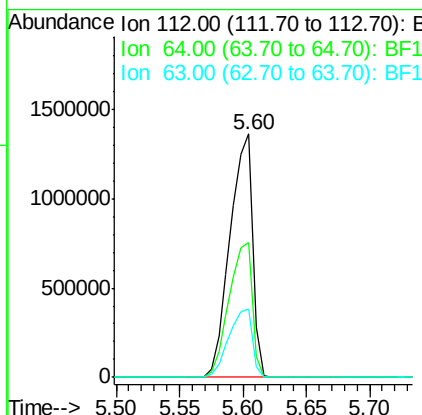
BNA_F

ClientSampleId :

PB107343BS

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#6

Aniline

Concen: 34.538 ng

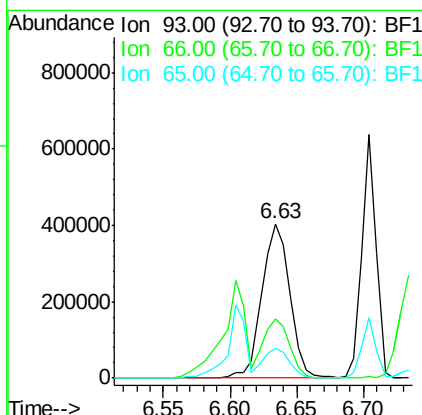
RT: 6.63 min Scan# 773

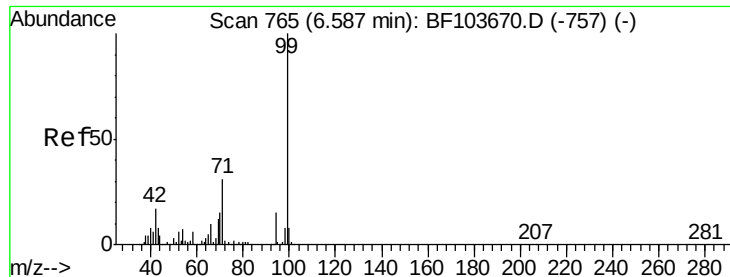
Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Tgt Ion:	93	Resp:	586889
Ion	Ratio	Lower	Upper
93	100		
66	38.4	32.2	48.2
65	19.6	16.4	24.6





#7

Phenol-d6

Concen: 177.457 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

BNA_F

ClientSampleId :

PB107343BS

Tot Ion: 99 Resp: 2111791

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

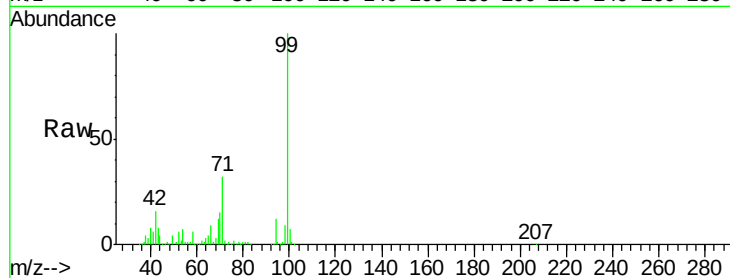
71 32.3 25.4 38.0

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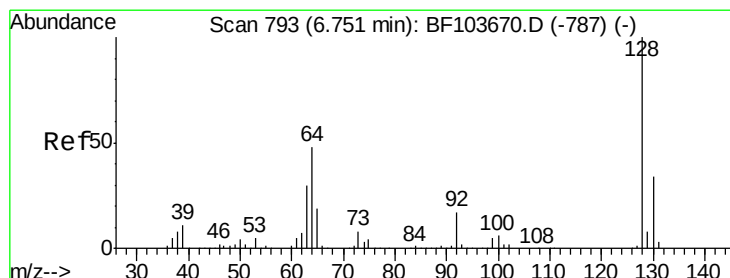
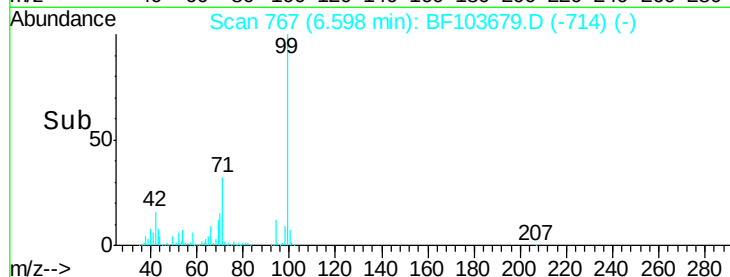
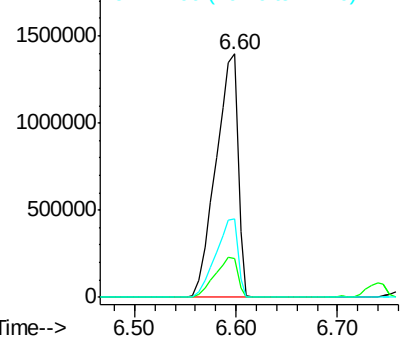
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.482 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

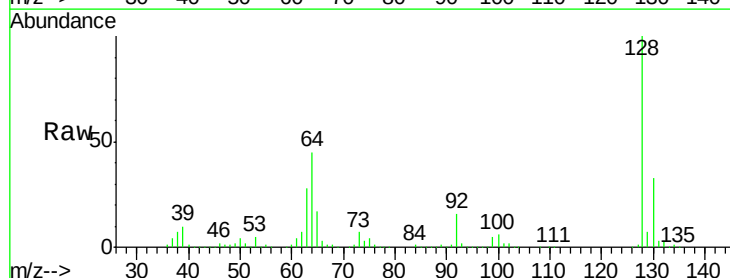
Tgt Ion: 128 Resp: 483819

Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

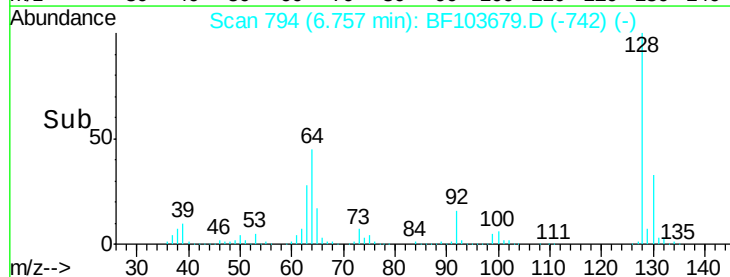
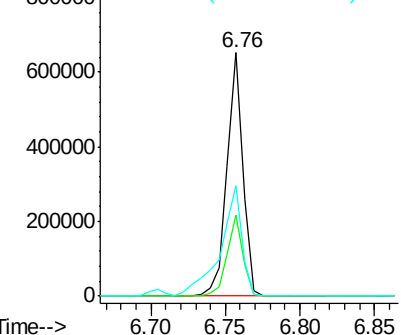
64 45.4 29.4 69.4

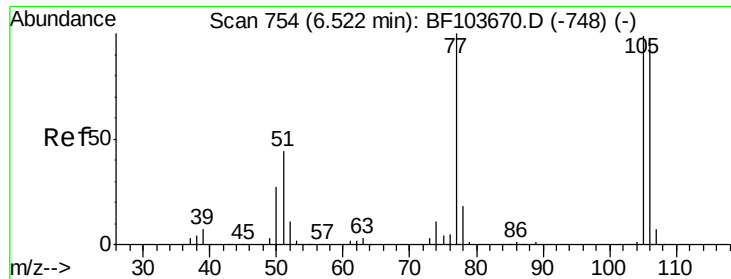


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 18.100 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

BNA_F

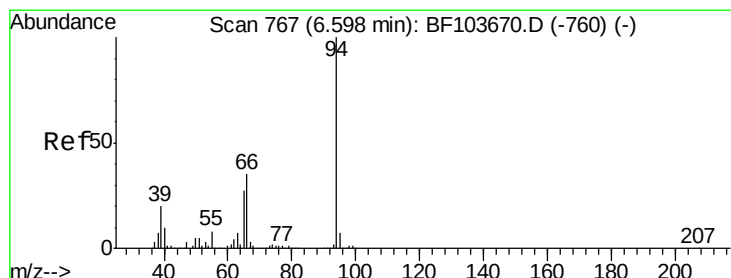
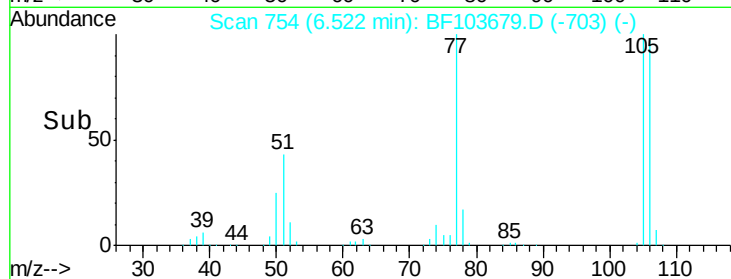
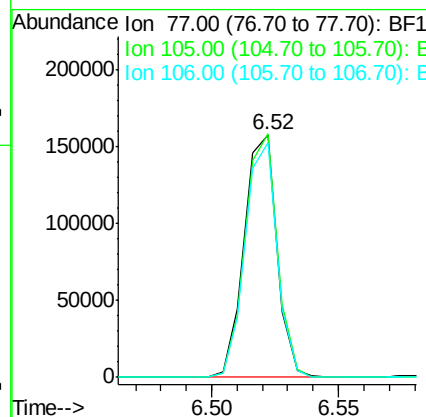
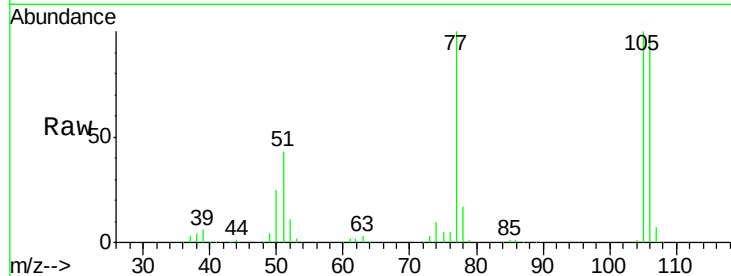
ClientSampleId :

PB107343BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.4	81.1	121.1		
106	97.0	74.5	114.5		

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#10

Phenol

Concen: 46.221 ng

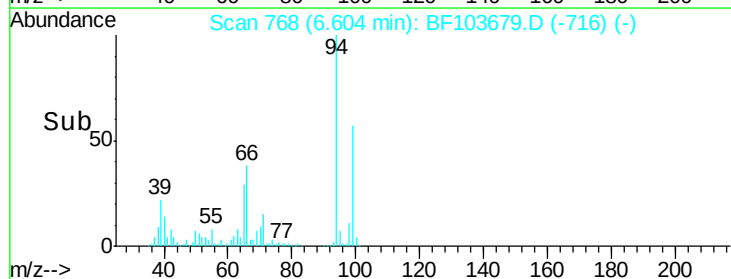
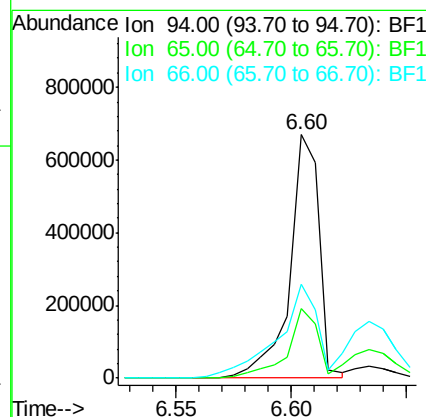
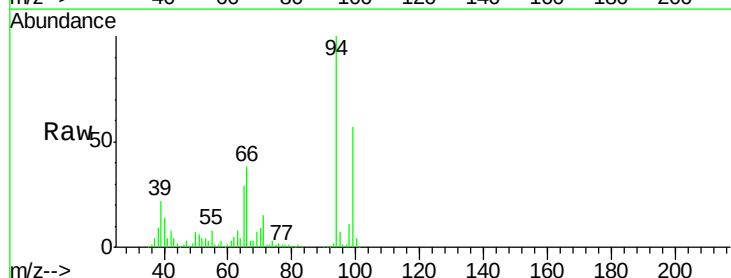
RT: 6.60 min Scan# 768

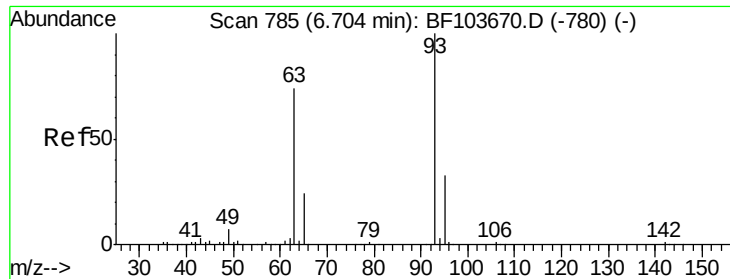
Delta R.T. 0.01 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	28.8	7.9	47.9		
66	38.4	16.2	56.2		





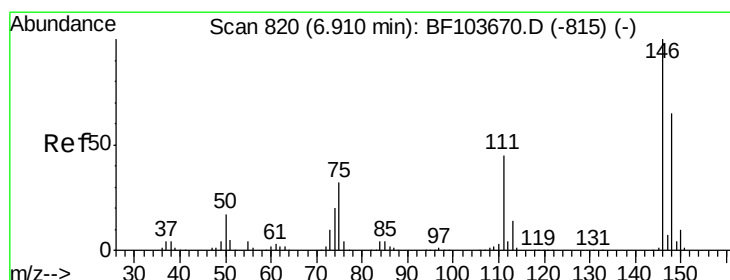
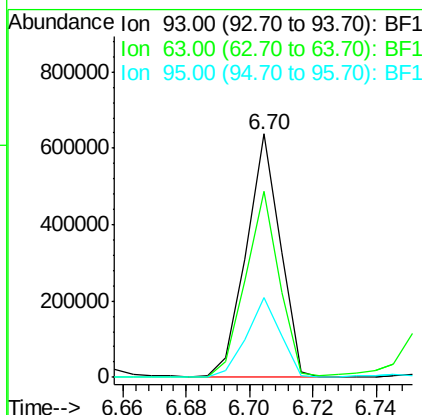
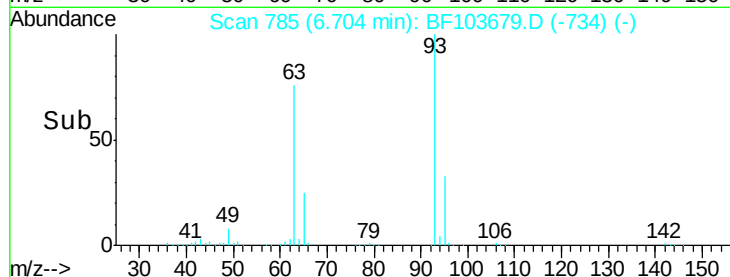
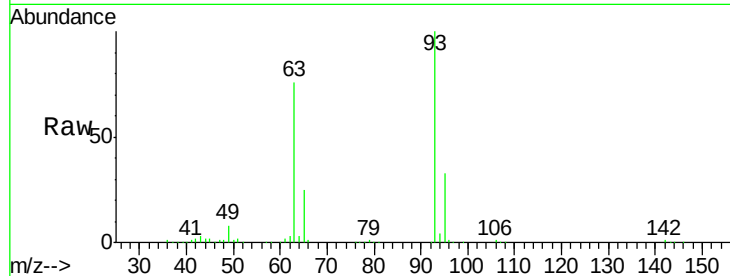
#11
bis(2-Chloroethyl)ether
Concen: 45.185 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Instrument :
BNA_F
ClientSampleId :
PB107343BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.4	58.6	98.6
95	32.8	11.8	51.8

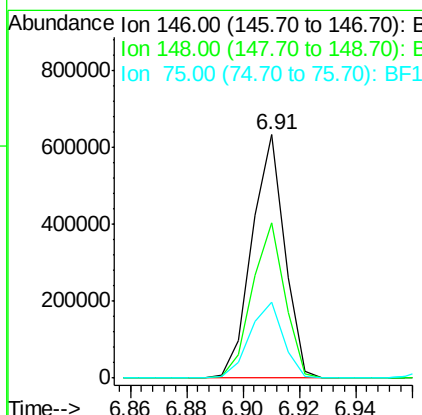
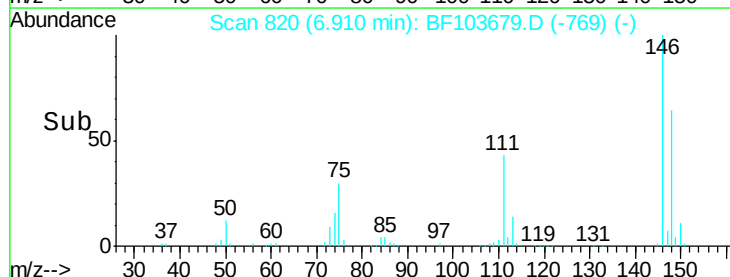
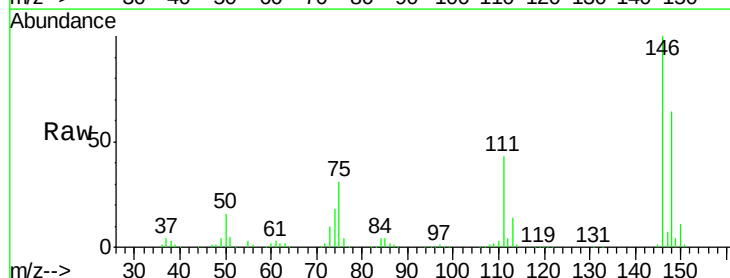
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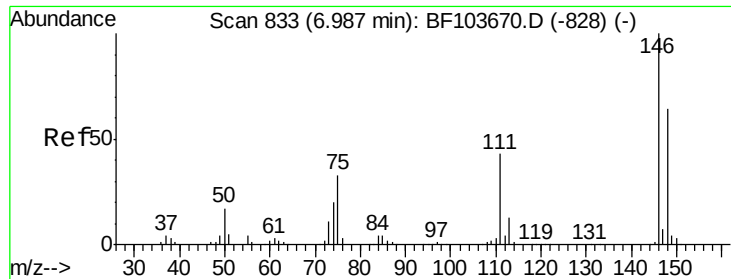
Sohil
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#12
1,3-Dichlorobenzene
Concen: 43.810 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.8
75	31.1	24.2	36.4





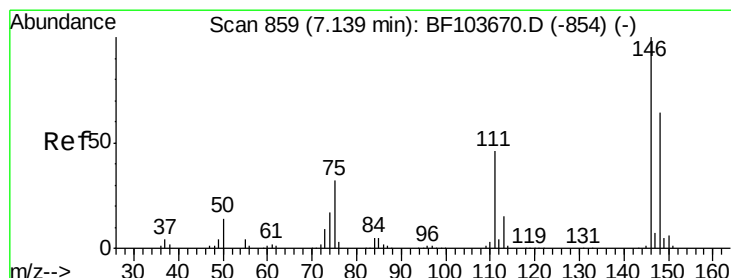
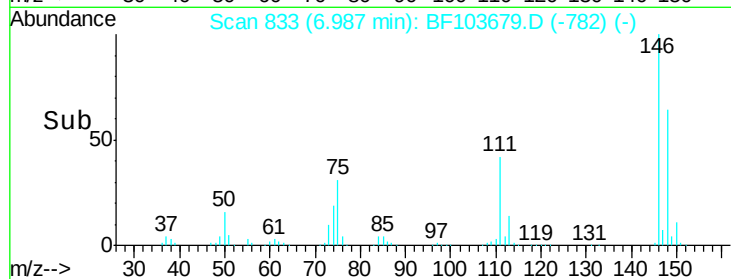
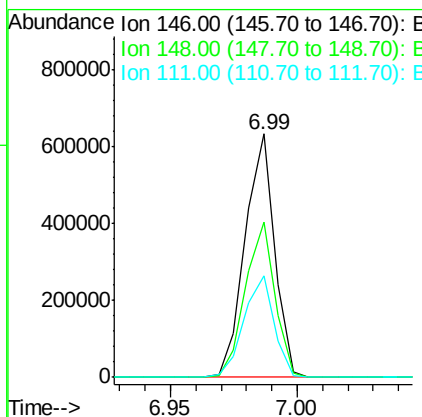
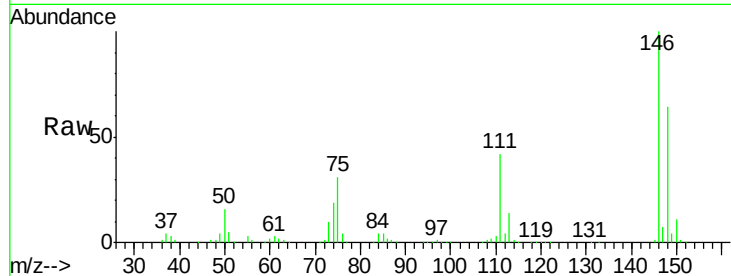
#13
 1,4-Dichlorobenzene
 Concen: 43.898 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
111	41.9	34.2	51.2

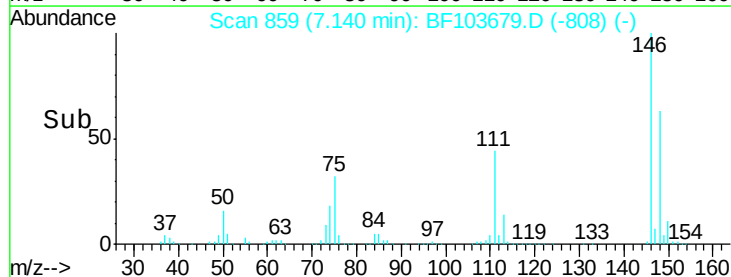
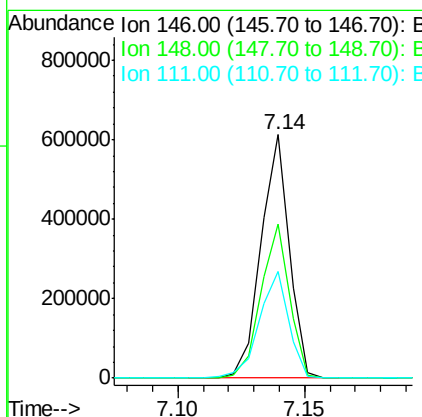
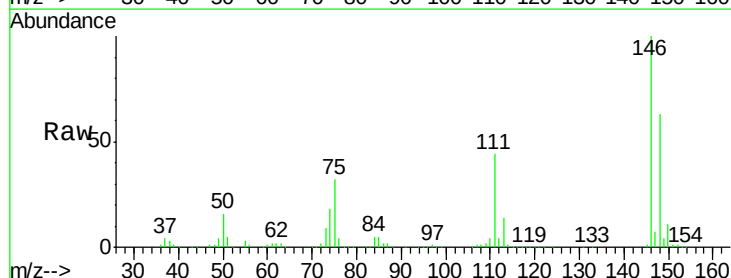
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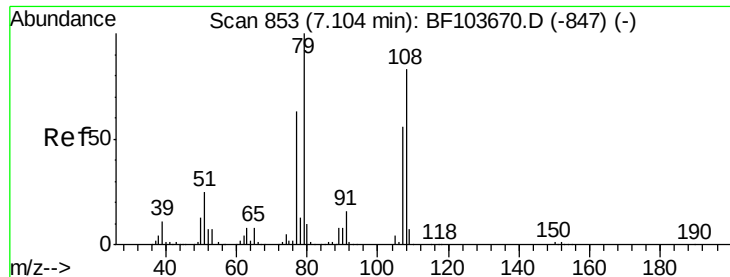
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#14
 1,2-Dichlorobenzene
 Concen: 44.308 ng
 RT: 7.14 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	75.8
111	43.7	36.0	54.0





#15

Benzyl Alcohol

Concen: 46.805 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

BNA_F

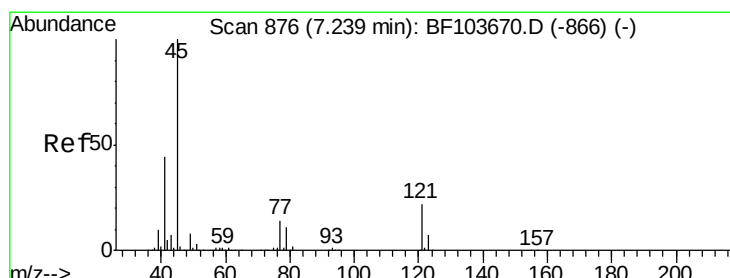
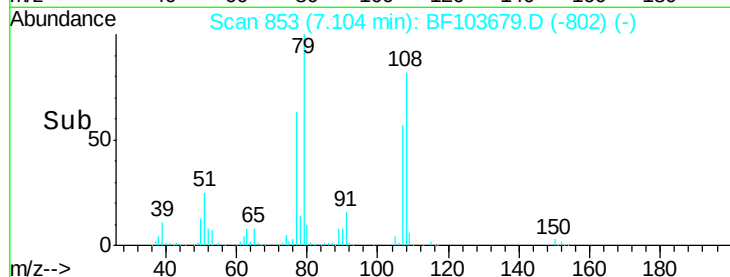
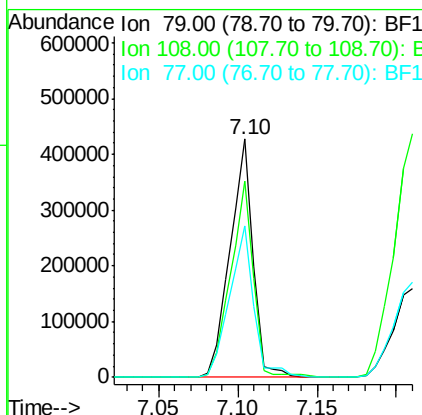
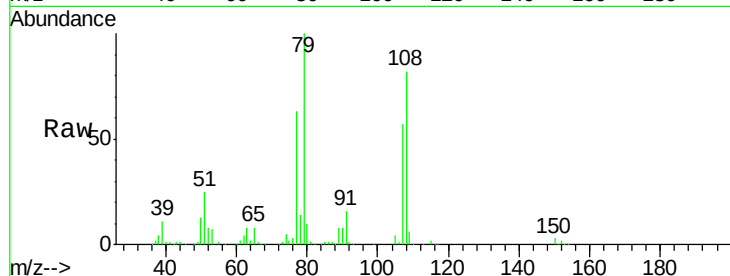
ClientSampled :

PB107343BS

Tot Ion:	79	Resp:	431560
Ion Ratio	Lower	Upper	
79	100		
108	82.2	65.1	97.7
77	63.4	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 44.901 ng

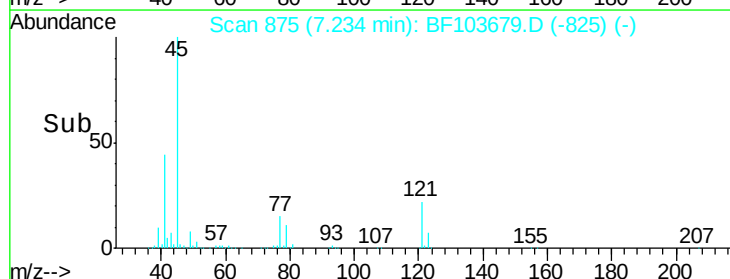
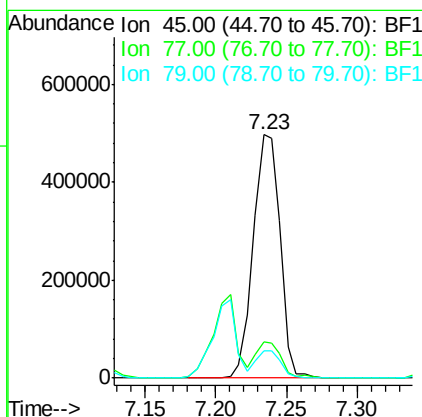
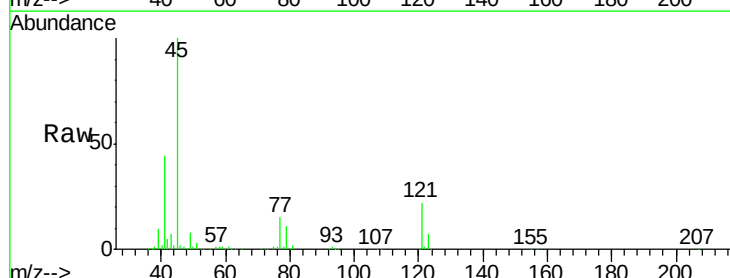
RT: 7.23 min Scan# 875

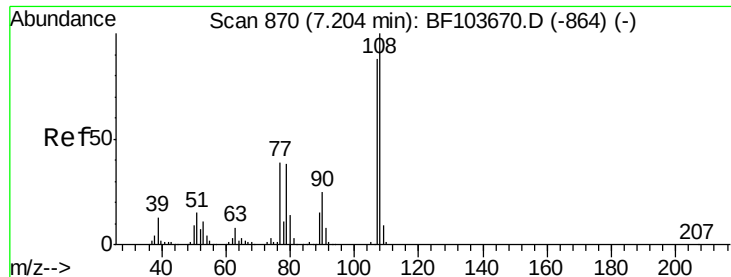
Delta R.T. -0.01 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Tgt Ion:	45	Resp:	666662
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	32.9
79	11.0	0.0	29.6





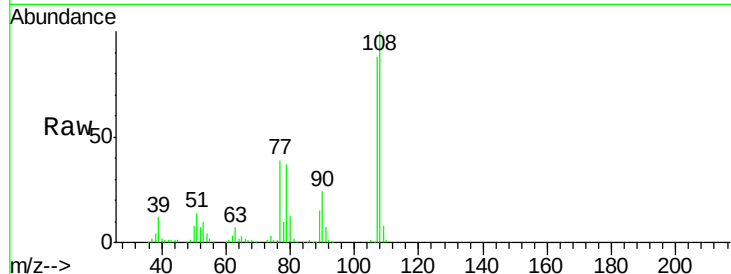
#17
2-Methylphenol
Concen: 46.090 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Instrument :
BNA_F
ClientSampleId :
PB107343BS

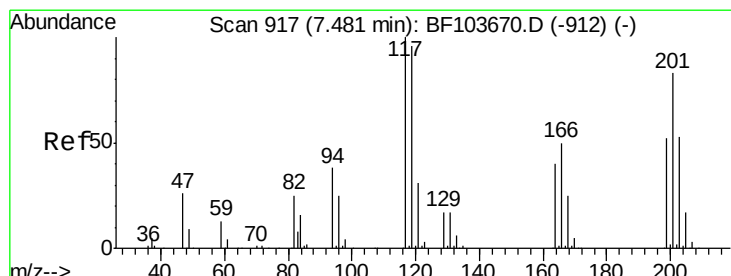
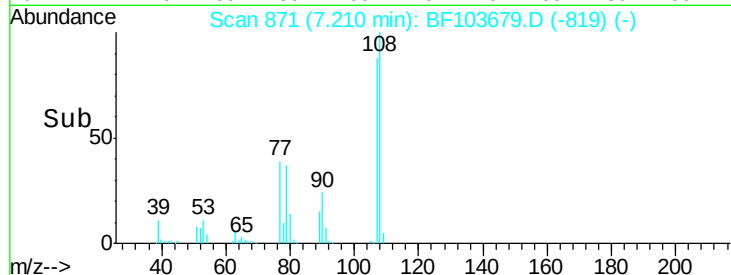
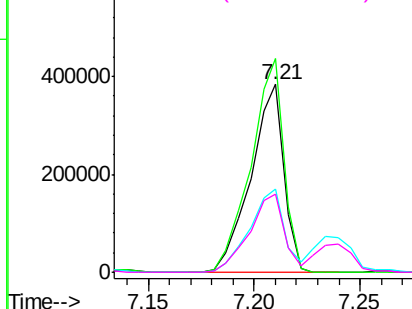
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	113.7	91.7	418221	137.5	
77	44.2	33.8		50.8	
79	41.6	33.8		50.8	

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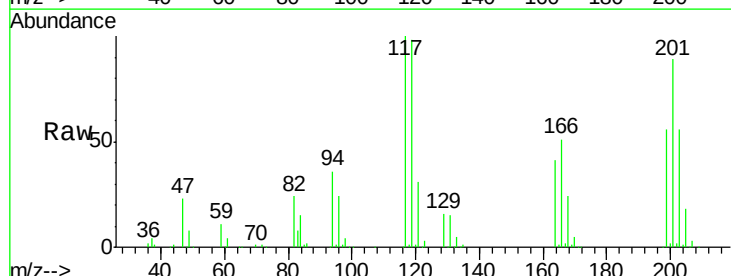


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

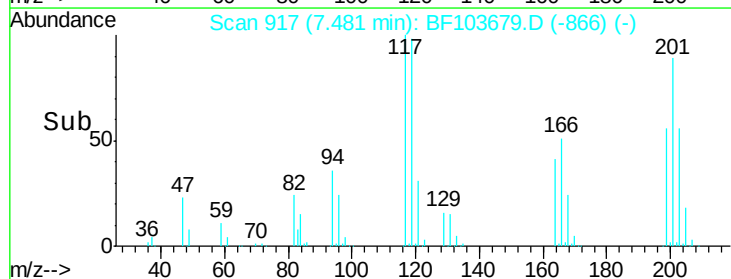
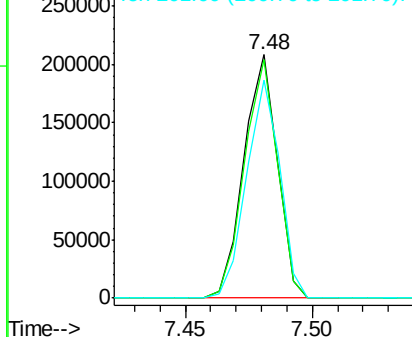


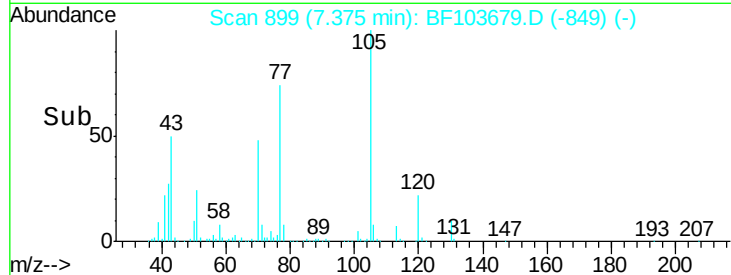
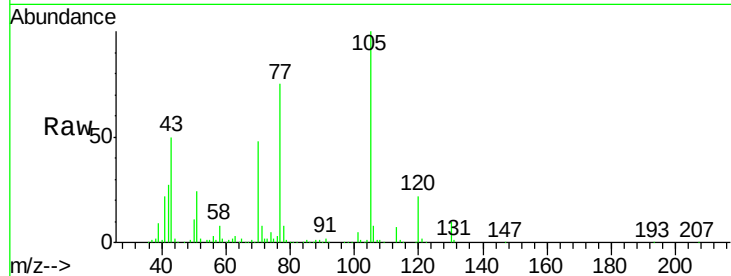
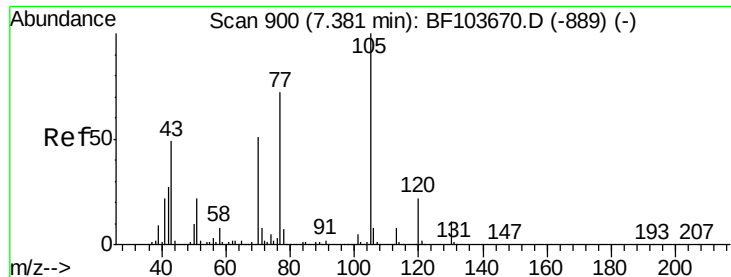
#18
Hexachloroethane
Concen: 46.807 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		192008		
119	98.2	75.8		113.8	
201	89.4	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: 44.301 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.6	47.5	71.3	
101	9.6	7.4	11.2	
130	21.0	16.6	25.0	

Instrument :

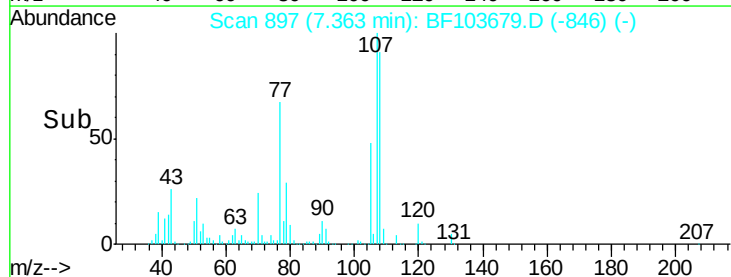
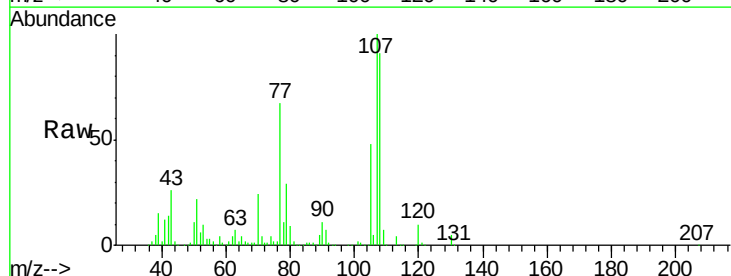
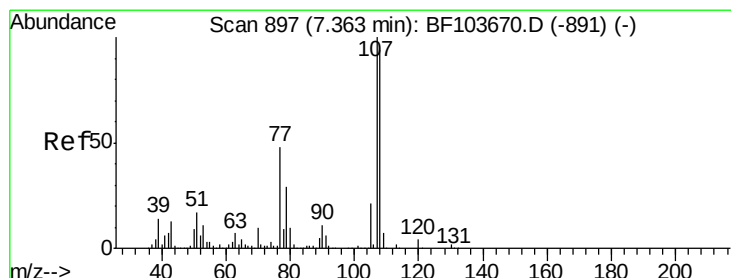
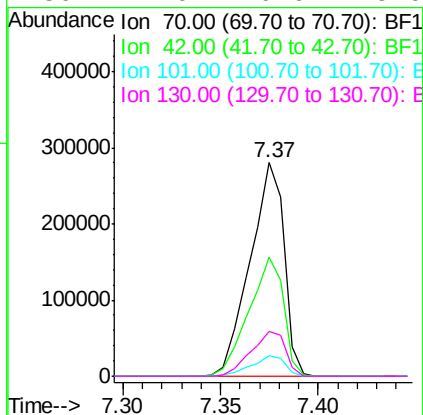
BNA_F

ClientSampleId :

PB107343BS

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#20

3+4-Methylphenols

Concen: 45.354 ng

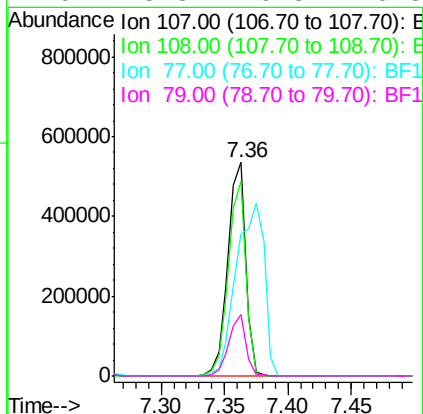
RT: 7.36 min Scan# 897

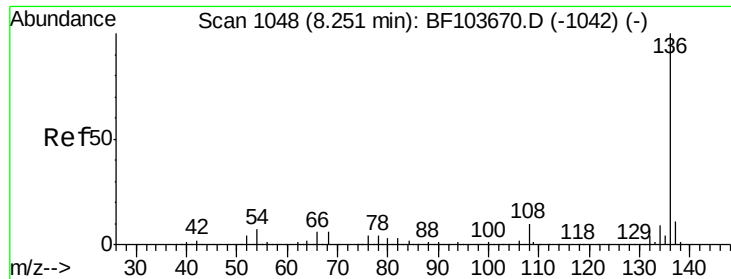
Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.9	68.2	108.2	
77	66.6	26.7	66.7	
79	28.8	6.3	46.3	





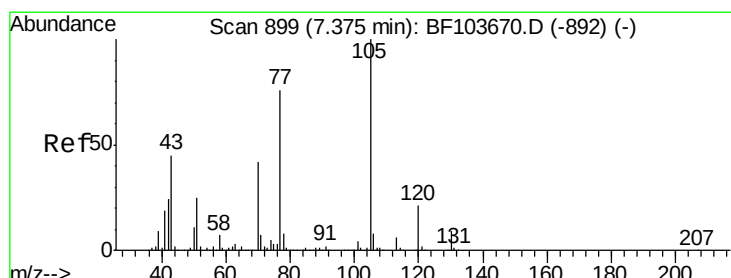
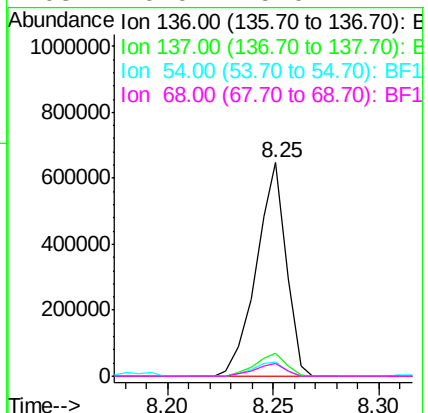
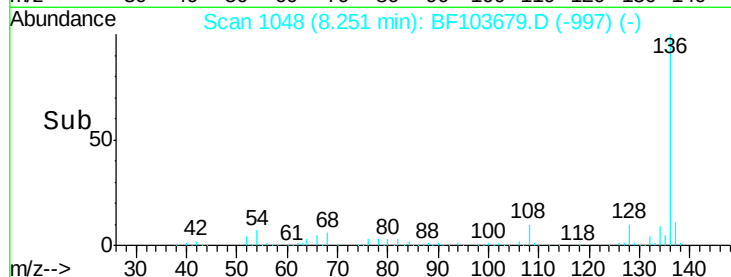
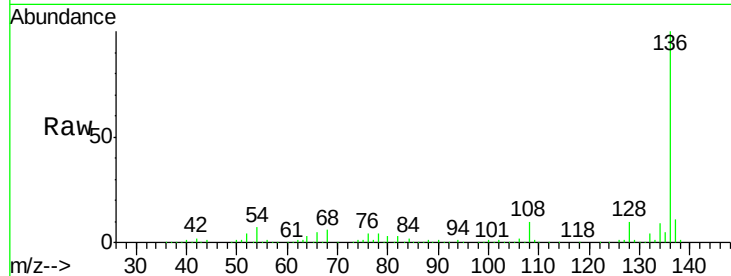
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Instrument :
BNA_F
ClientSampled :
PB107343BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	635128		
137	10.7	8.9	13.3	
54	6.9	6.6	9.8	
68	6.0	5.0	7.4	

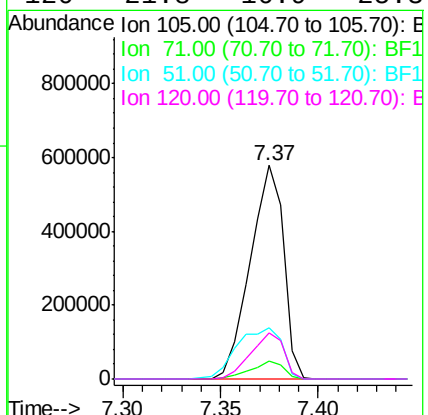
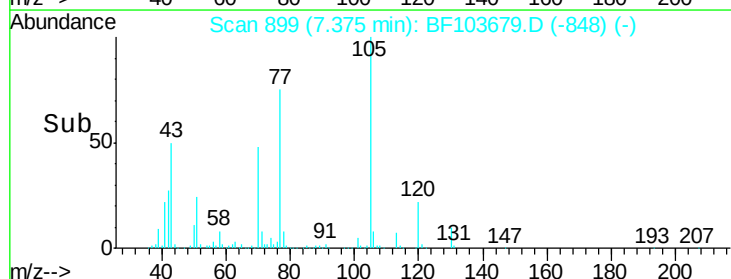
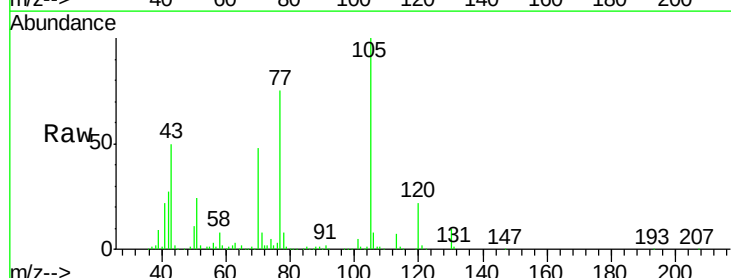
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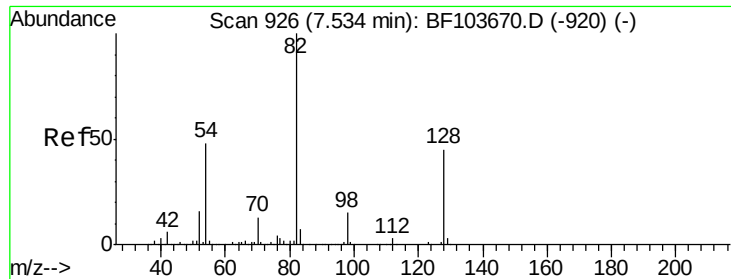
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#22
Acetophenone
Concen: 41.895 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	683863		
71	8.3	4.4	6.6#	
51	24.1	22.3	33.5	
120	21.8	16.9	25.3	





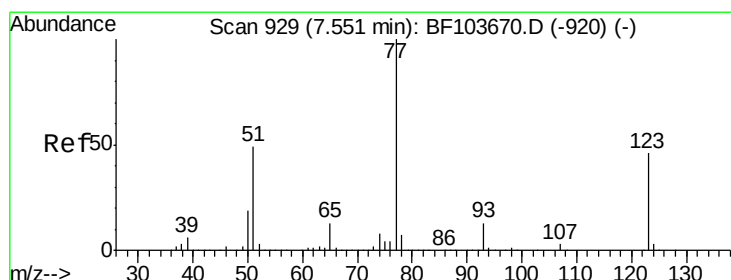
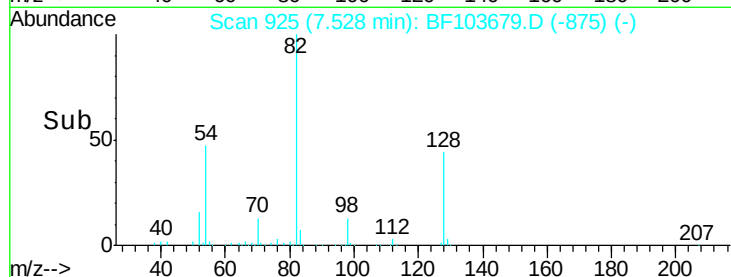
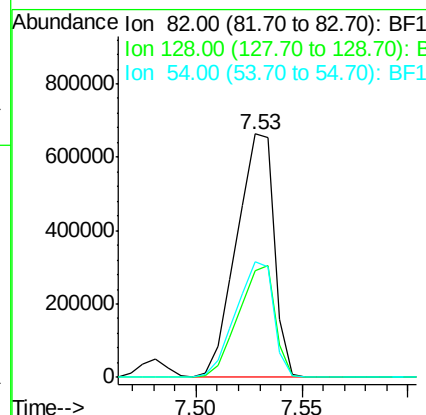
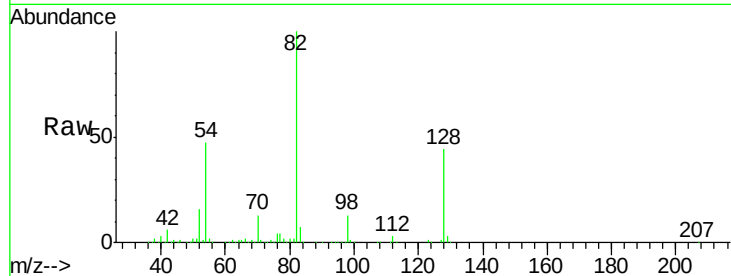
#23
Nitrobenzene-d5
Concen: 89.655 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Instrument :
BNA_F
ClientSampleId :
PB107343BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	47.3	41.4	62.2

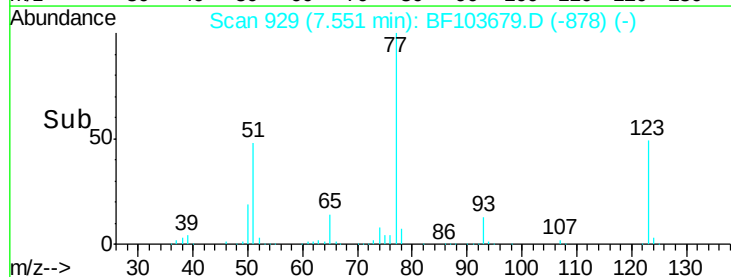
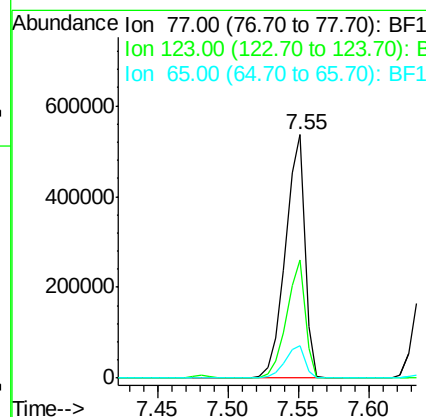
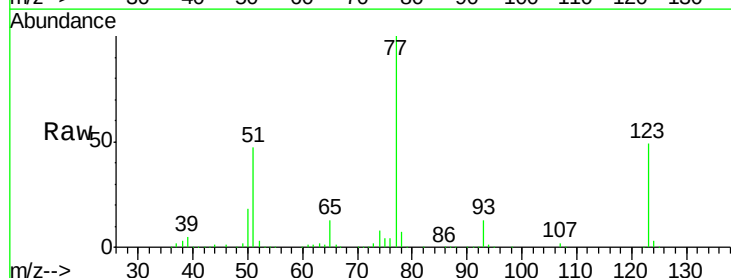
Manual Integrations
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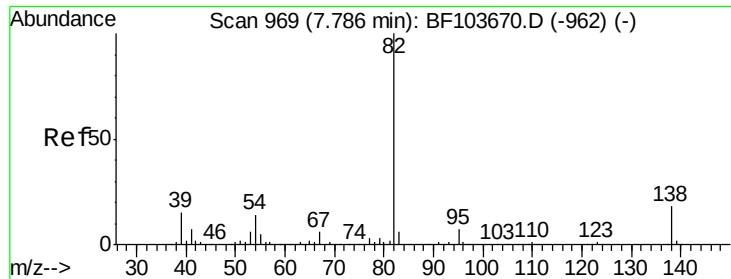
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#24
Nitrobenzene
Concen: 48.230 ng
RT: 7.55 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	37.9	56.9
65	13.5	11.0	16.4





#25

Isophorone

Concen: 46.376 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

BNA_F

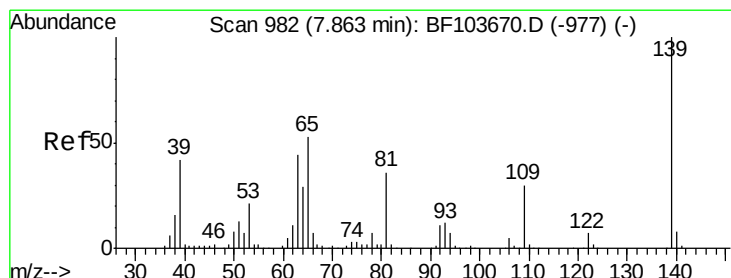
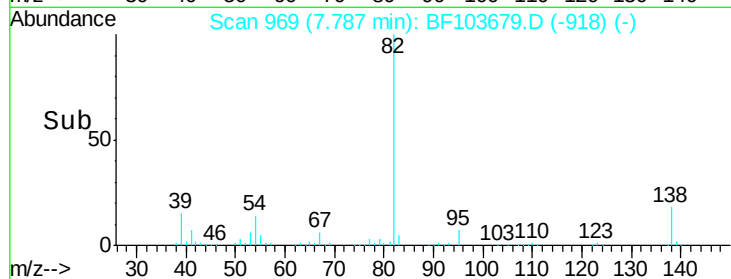
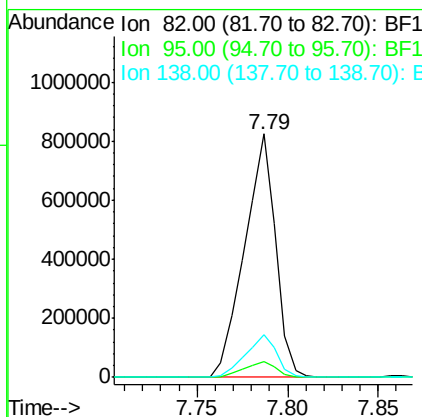
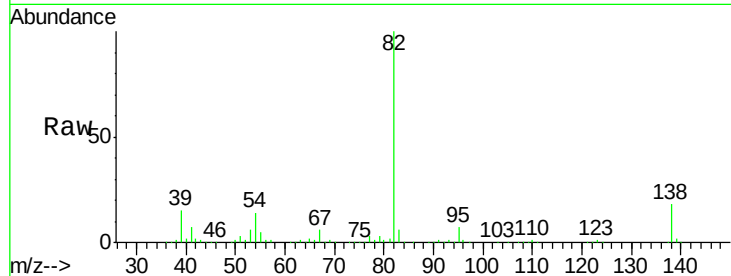
ClientSampleId :

PB107343BS

Tot Ion:	82	Resp:	977773
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	17.8	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.478 ng

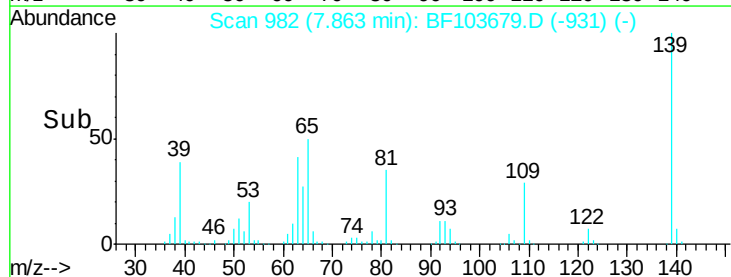
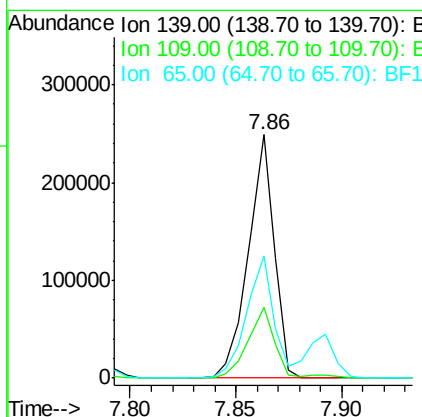
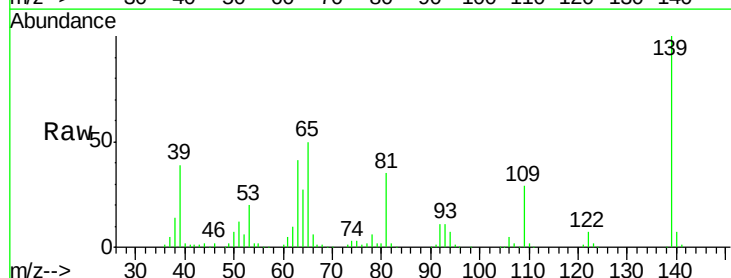
RT: 7.86 min Scan# 982

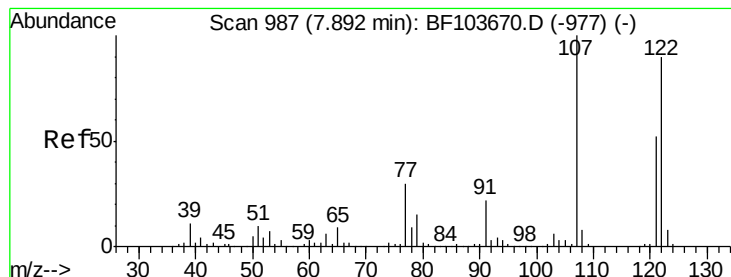
Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Tgt Ion:	139	Resp:	212885
Ion Ratio	Lower	Upper	
139	100		
109	29.2	22.7	34.1
65	49.9	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 52.253 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

BNA_F

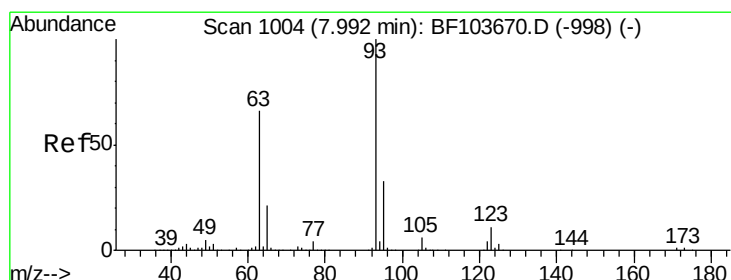
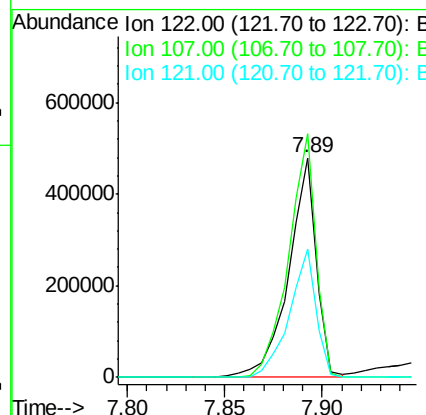
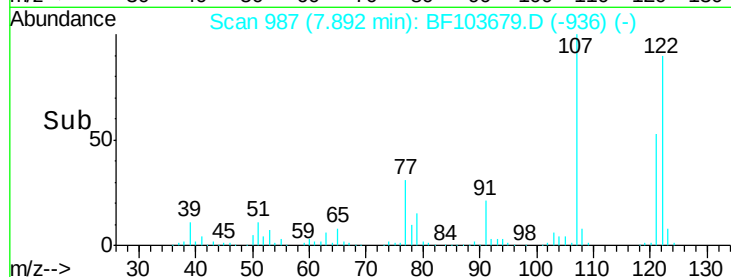
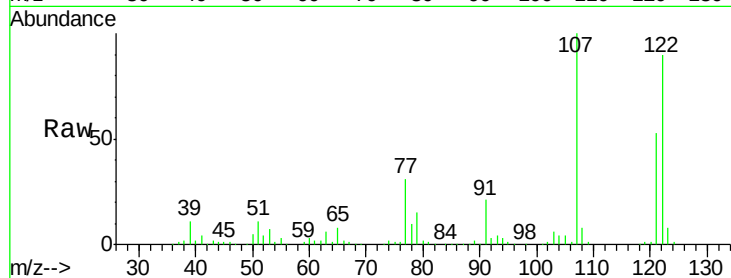
ClientSampleId :

PB107343BS

Tot Ion:	122	Resp:	471957
Ion Ratio	Lower	Upper	
122	100		
107	110.8	91.2	136.8
121	58.4	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 47.734 ng

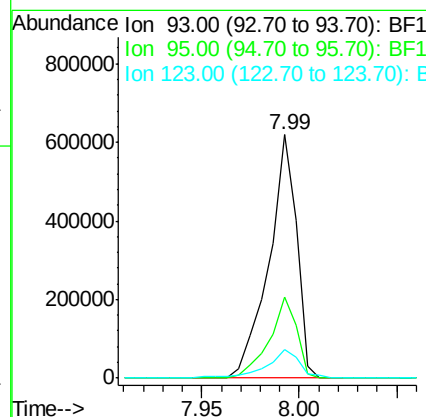
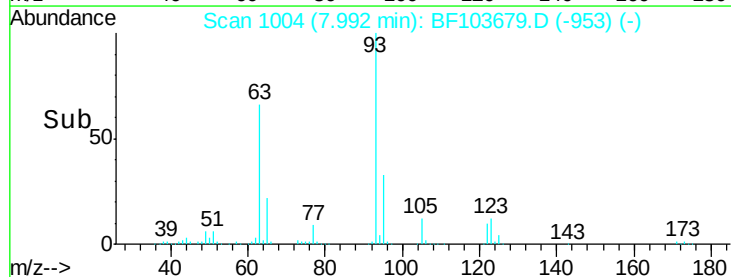
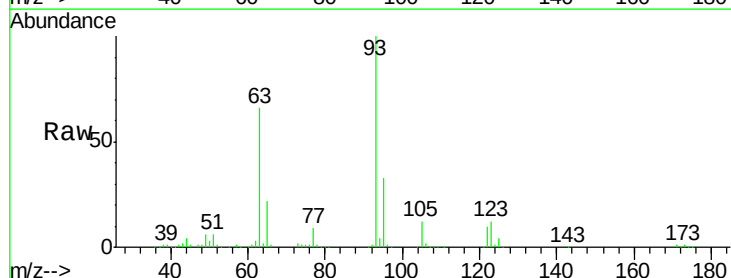
RT: 7.99 min Scan# 1004

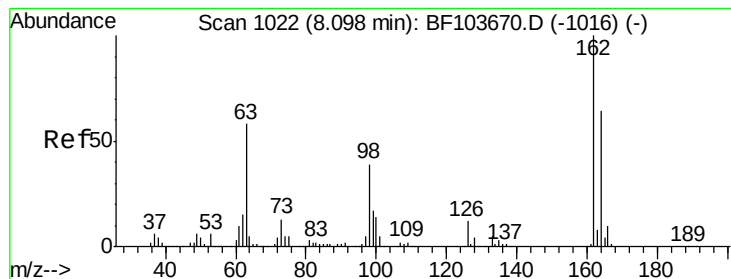
Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Tgt Ion:	93	Resp:	609410
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.3	39.5
123	11.7	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 48.585 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

BNA_F

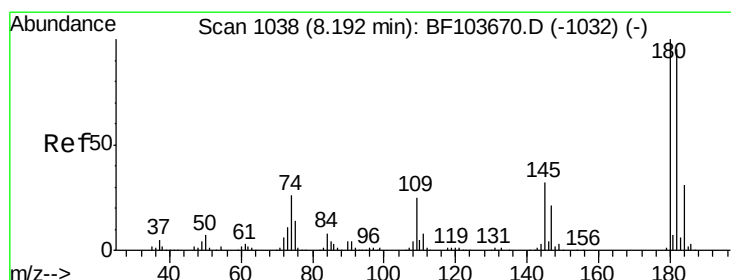
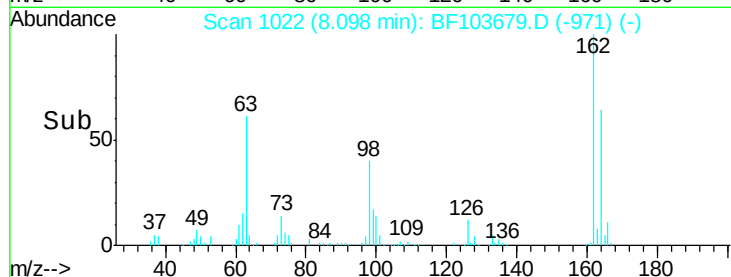
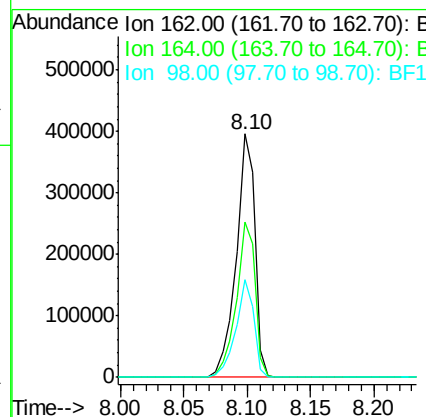
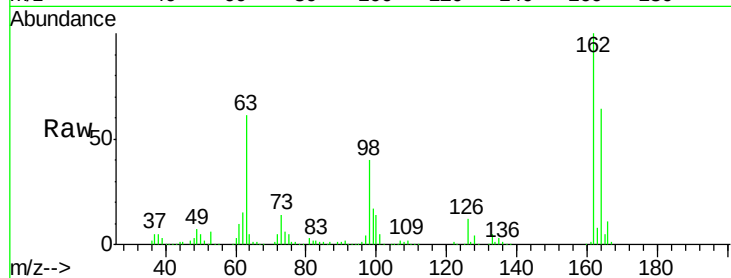
ClientSampled :

PB107343BS

Tot Ion:	162	Resp:	399239
Ion Ratio	Lower	Upper	
162	100		
164	63.7	42.7	82.7
98	40.1	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 43.002 ng

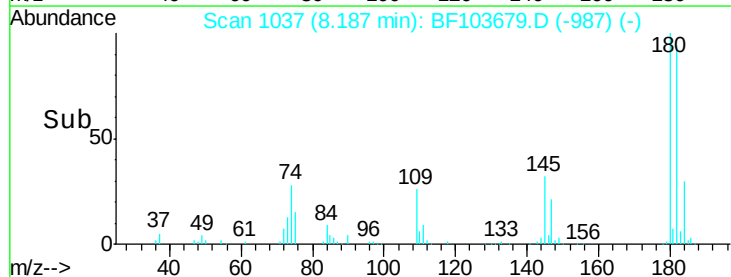
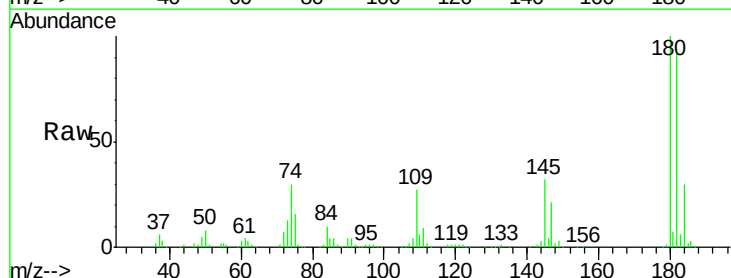
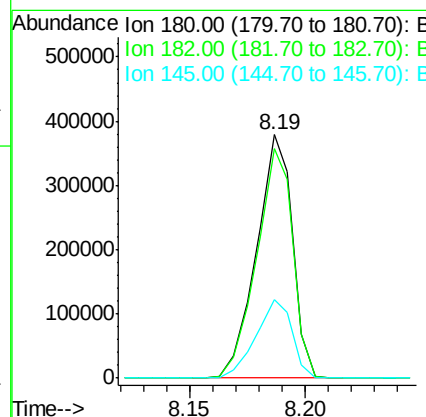
RT: 8.19 min Scan# 1037

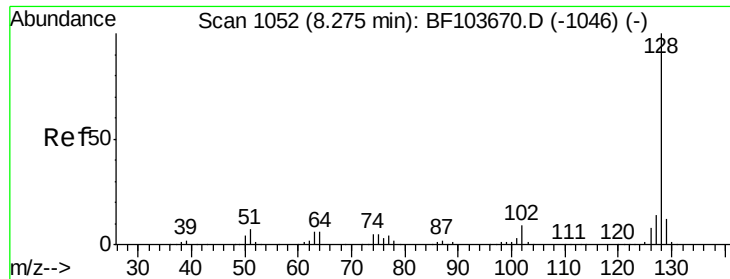
Delta R.T. -0.01 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Tgt Ion:	180	Resp:	409849
Ion Ratio	Lower	Upper	
180	100		
182	94.1	76.8	115.2
145	32.3	26.5	39.7





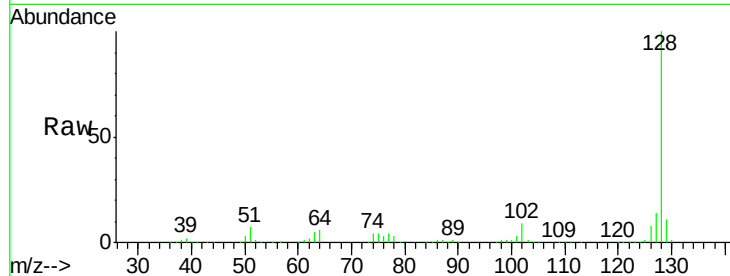
#31
Naphthalene
Concen: 43.954 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Instrument :
BNA_F
ClientSampleId :
PB107343BS

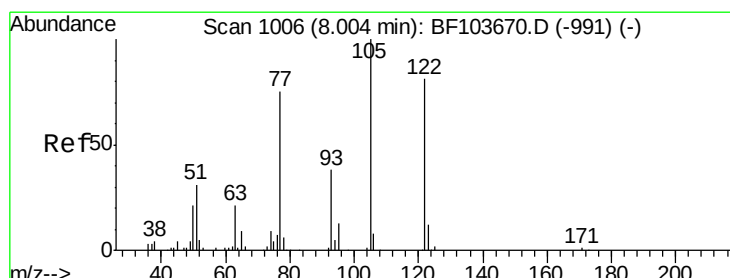
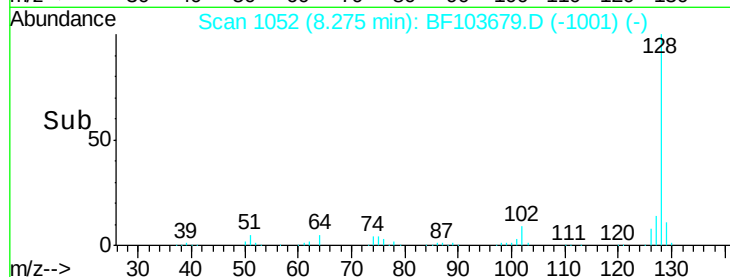
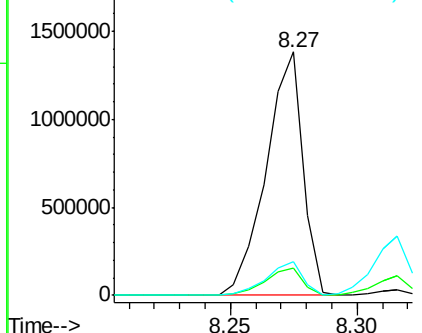
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.9	10.9	16.3

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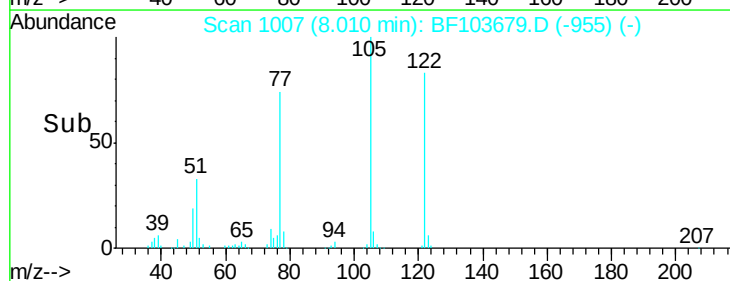
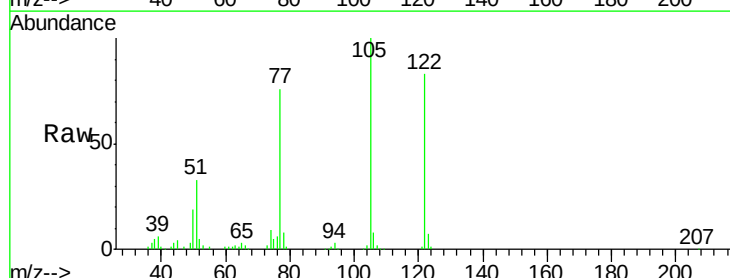
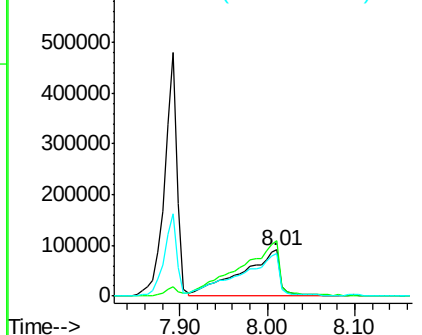
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

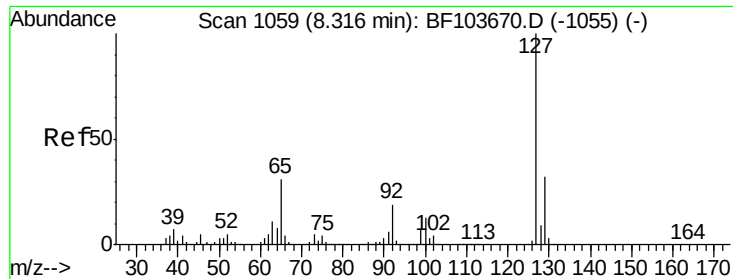


#32
Benzoic acid
Concen: 44.341 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.01 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.0	101.1	141.1
77	91.9	70.7	110.7

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





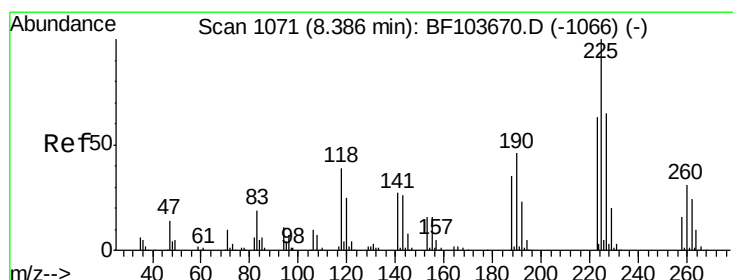
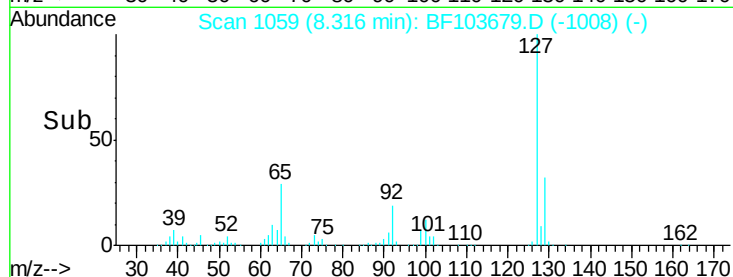
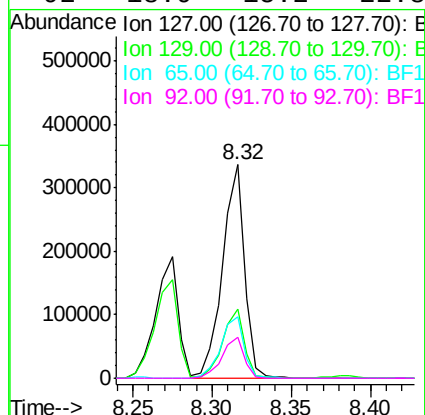
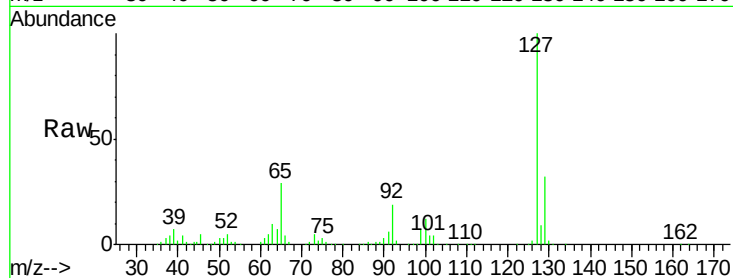
#33
4-Chloroaniline
Concen: 24.121 ng
RT: 8.32 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Instrument :
BNA_F
ClientSampleId :
PB107343BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4		25.9	38.9	
65	28.9		25.0	37.4	
92	18.9		15.2	22.8	

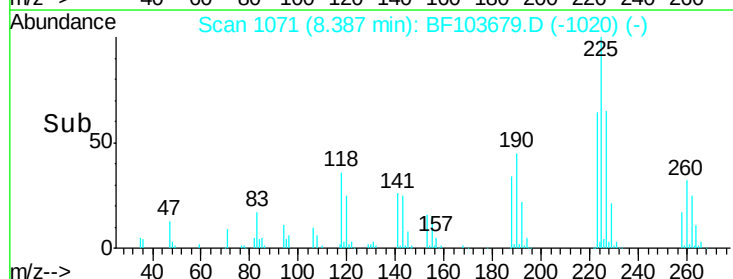
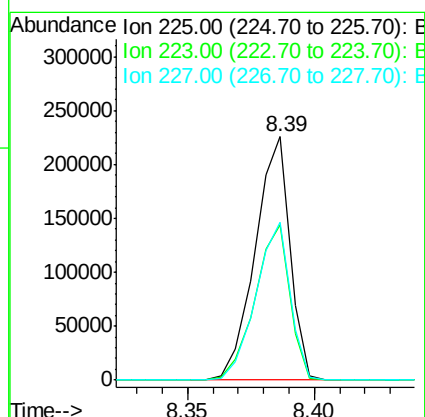
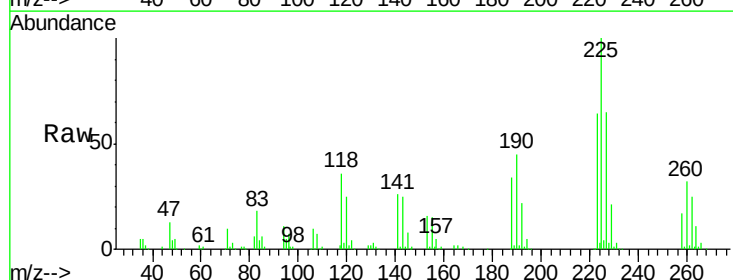
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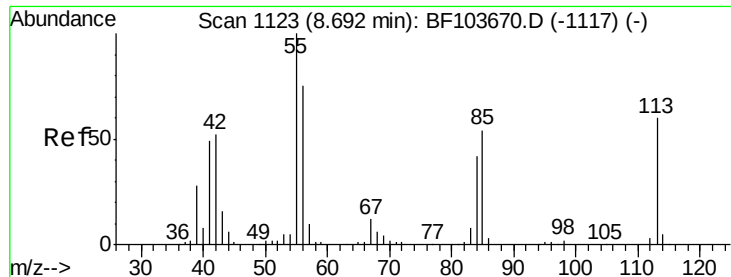
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#34
Hexachlorobutadiene
Concen: 41.467 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.9		50.6	76.0	
227	64.6		51.9	77.9	





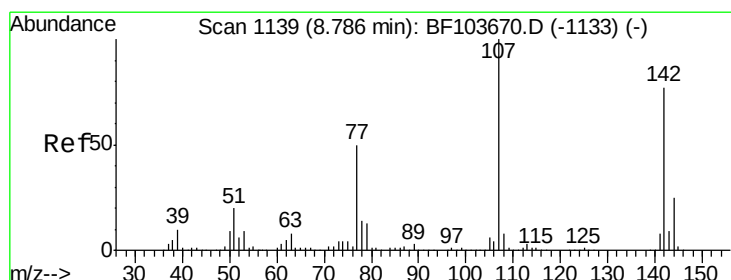
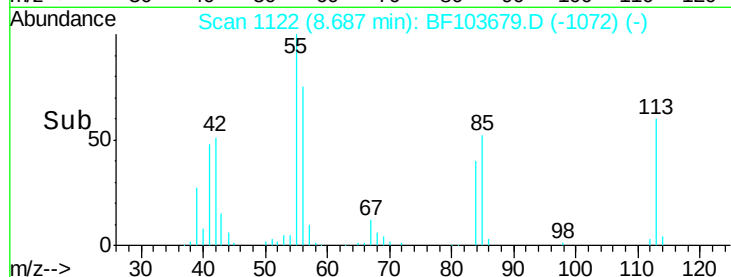
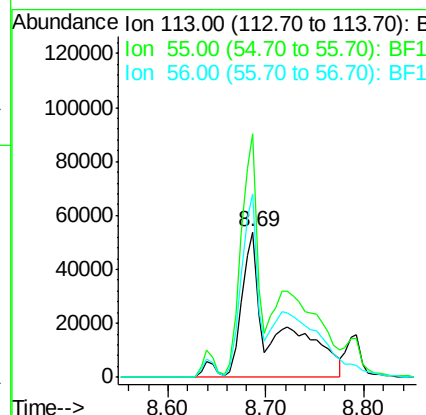
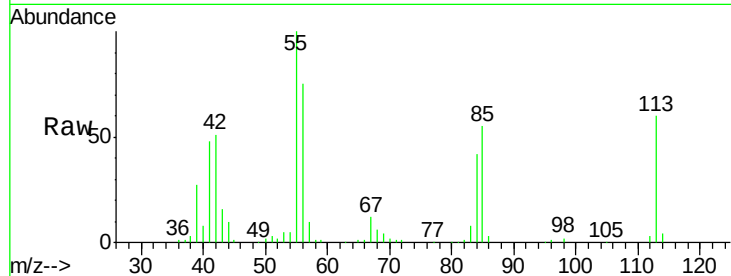
#35
Caprolactam
Concen: 45.710 ng/ml
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Instrument :
BNA_F
ClientSampleId :
PB107343BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	167.6	163.3	203.3		
56	126.5	115.7	155.7		

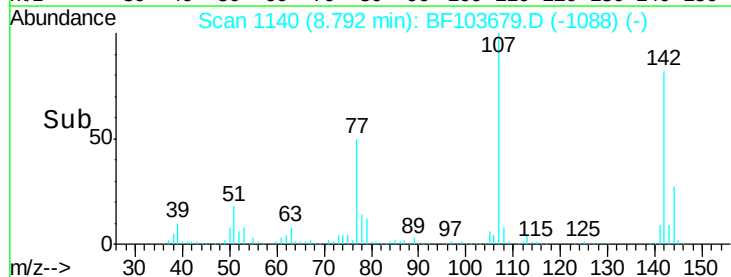
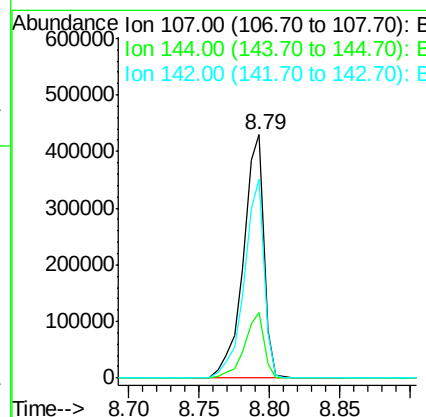
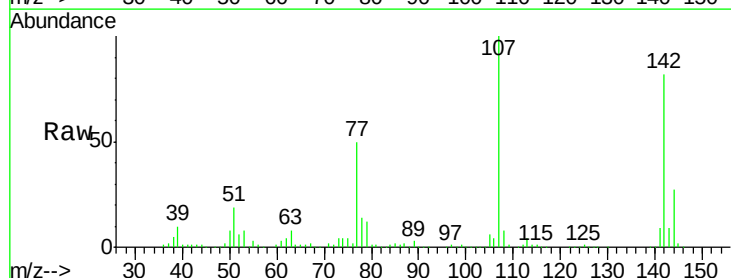
Manual Integrations
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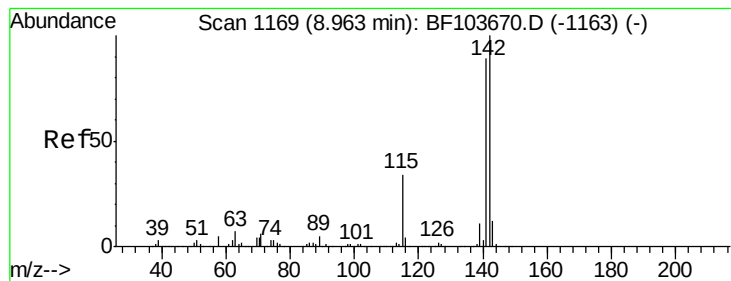
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#36
4-Chloro-3-methylphenol
Concen: 48.044 ng/ml
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.9	20.5	30.7		
142	81.7	62.0	93.0		





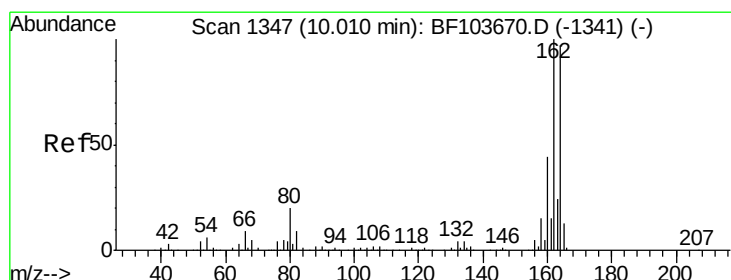
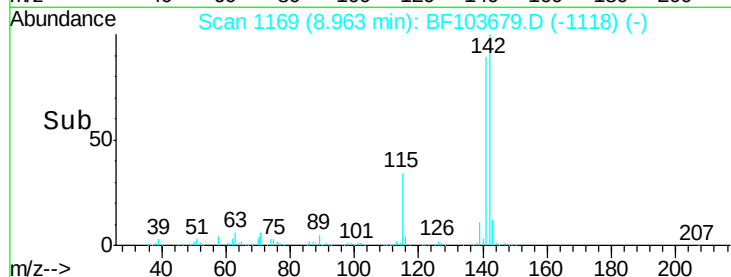
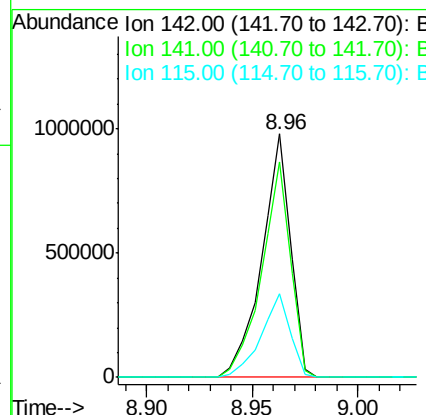
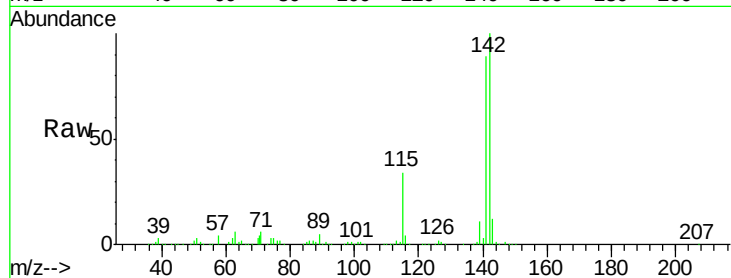
#37
2-Methylnaphthalene
Concen: 45.500 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Instrument :
BNA_F
ClientSampleId :
PB107343BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	34.2	26.1	39.1

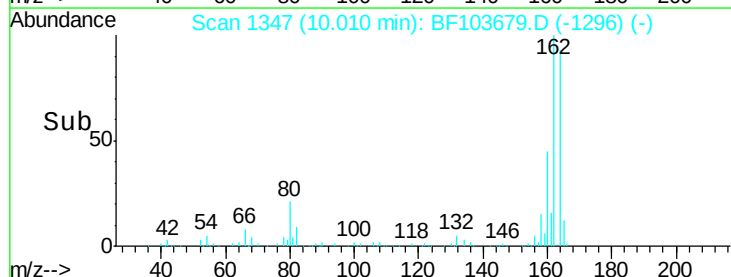
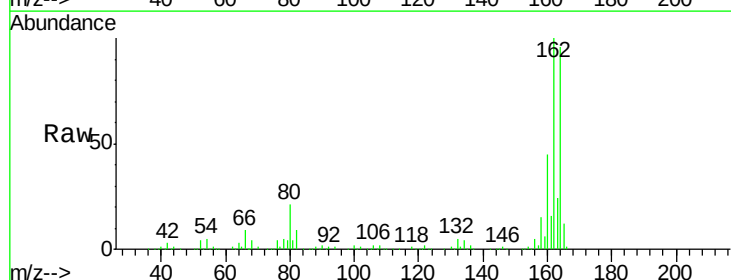
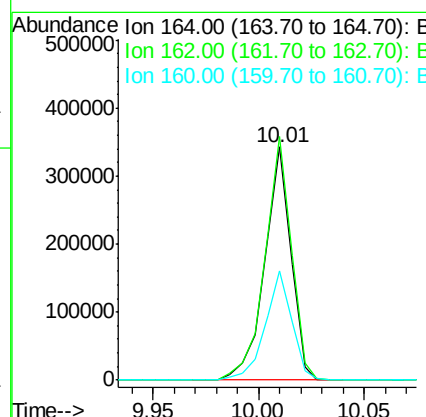
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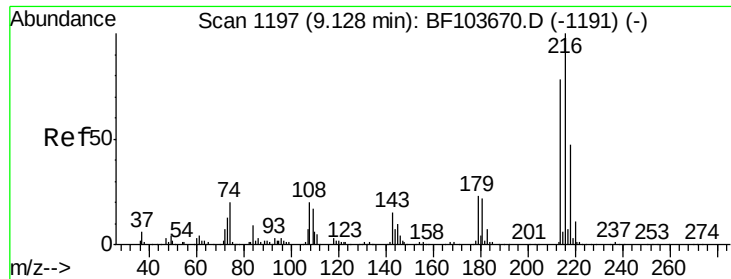
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	46.6	38.3	57.5





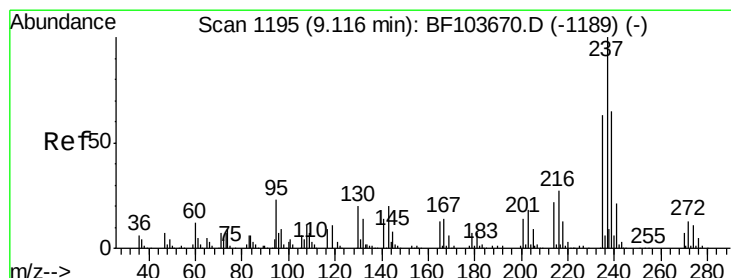
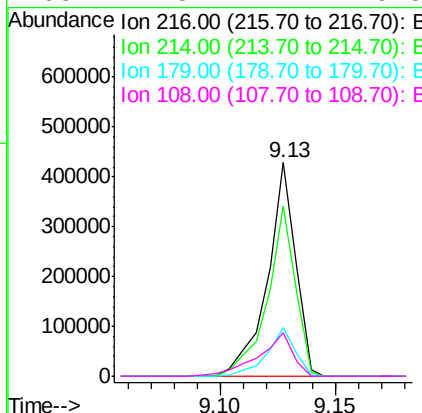
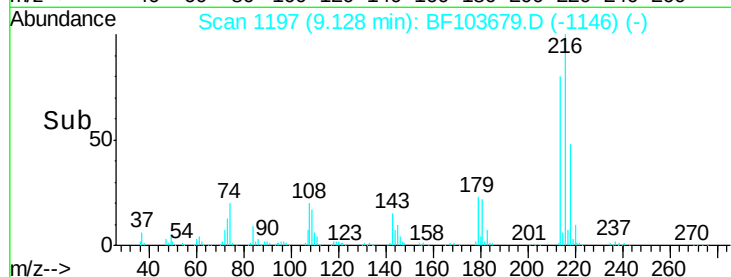
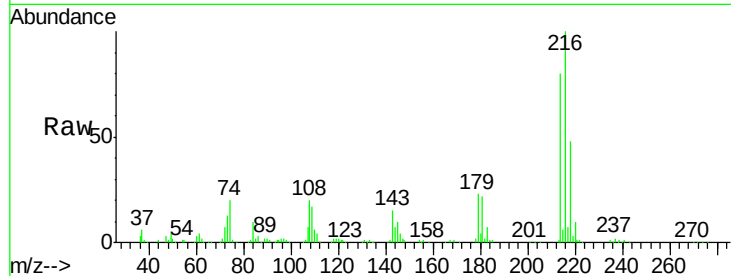
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.767 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.2		63.0	94.4	
179	22.5		18.1	27.1	
108	24.8		17.2	25.8	

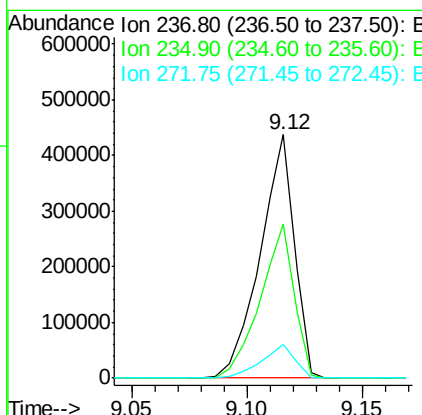
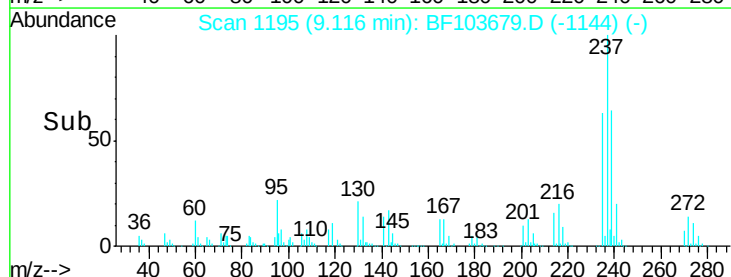
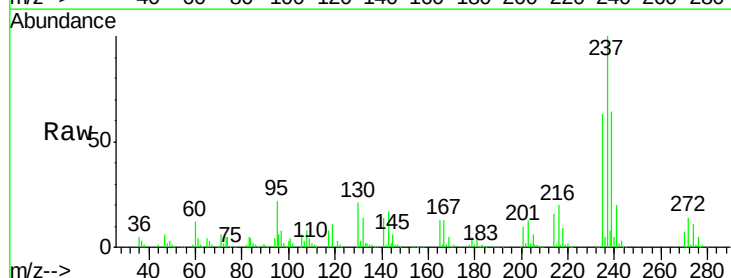
Manual Integrations
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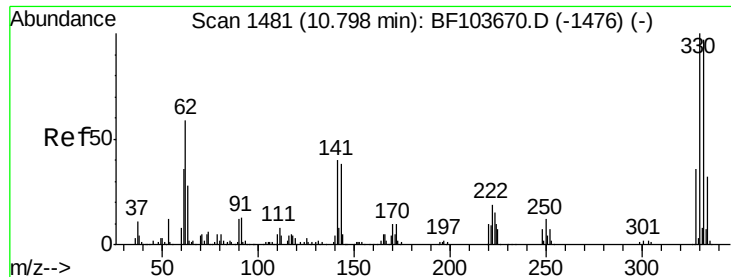
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 102.372 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.3		44.8	84.8	
272	13.9		0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 190.548 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

BNA_F

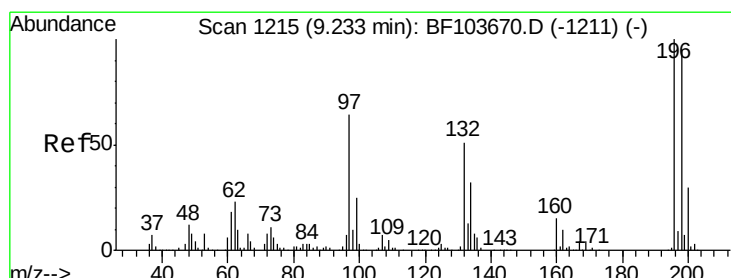
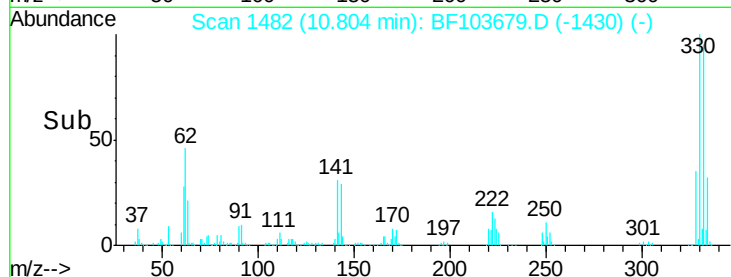
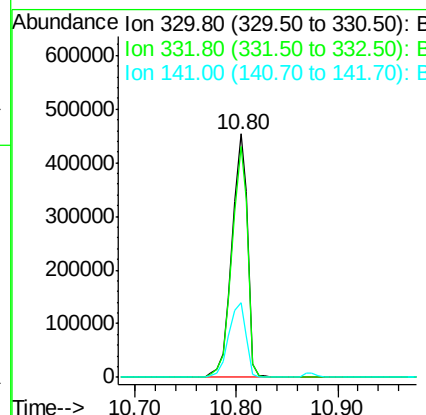
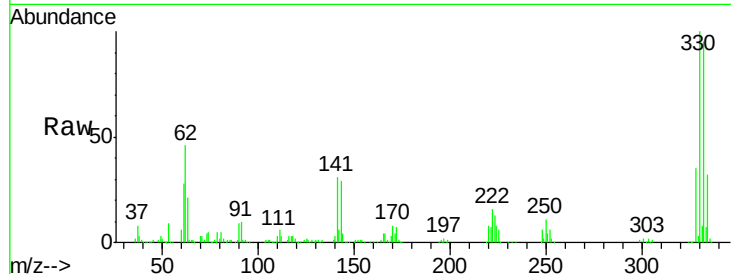
ClientSampleId :

PB107343BS

Tot Ion:	330	Resp:	487890
Ion Ratio	Lower	Upper	
330	100		
332	95.1	77.0	115.6
141	34.0	29.9	44.9

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 50.110 ng

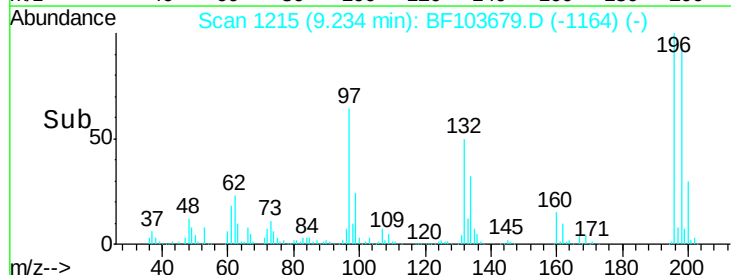
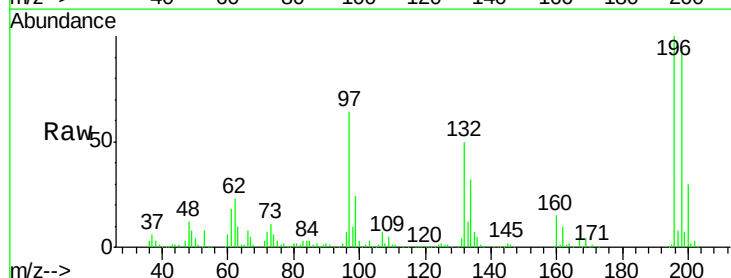
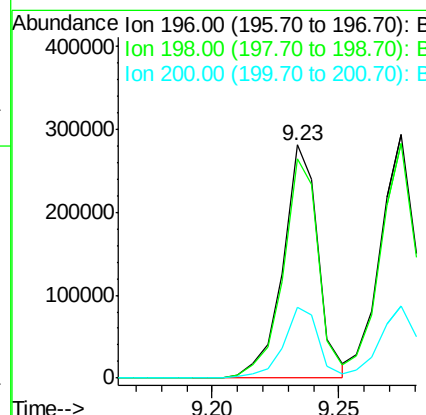
RT: 9.23 min Scan# 1215

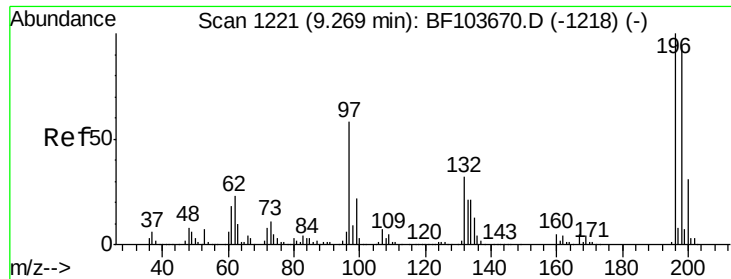
Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Tgt Ion:	196	Resp:	272305
Ion Ratio	Lower	Upper	
196	100		
198	94.2	75.7	113.5
200	30.3	24.5	36.7





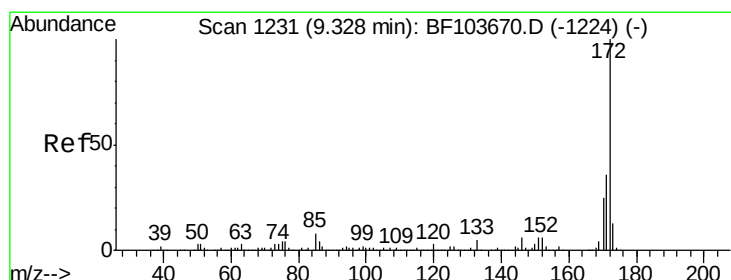
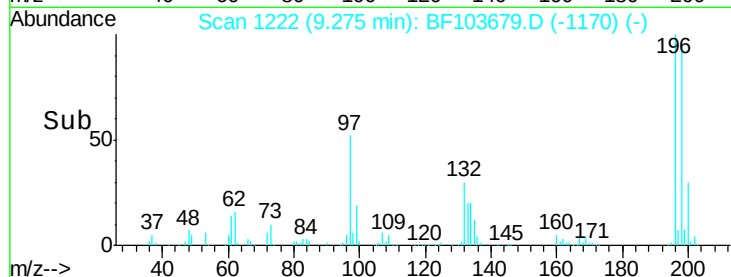
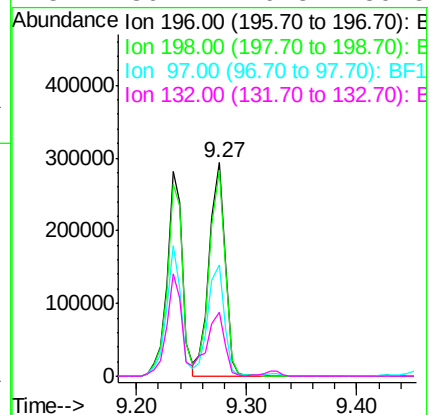
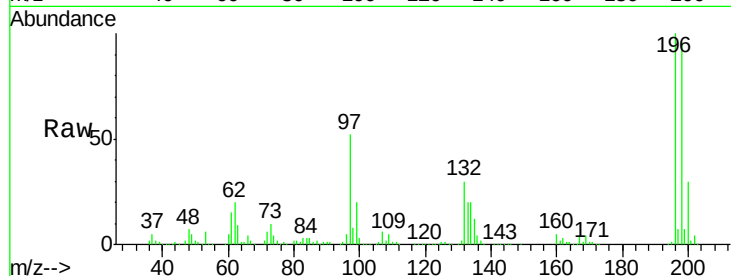
#43
 2,4,5-Trichlorophenol
 Concen: 46.519 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.01 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		285320		
198	96.3		74.6	112.0	
97	52.0		42.9	64.3	
132	30.1		26.3	39.5	

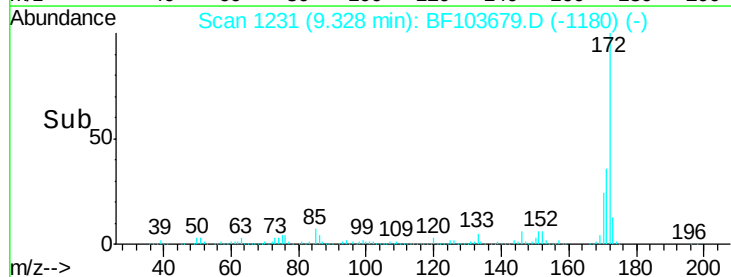
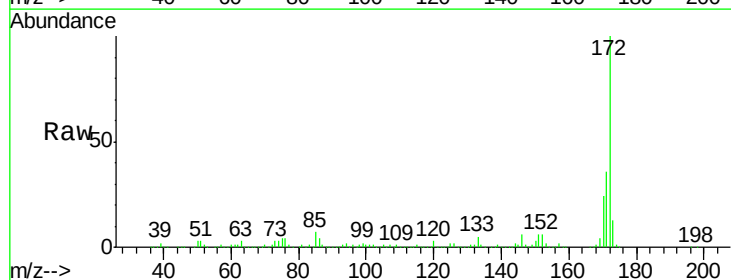
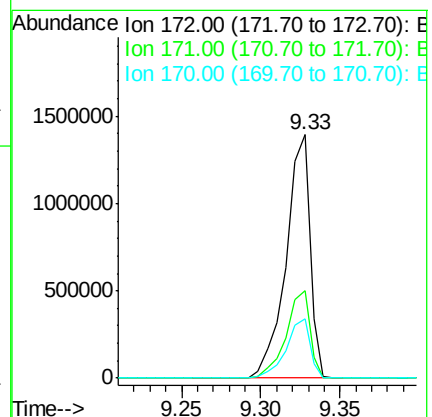
Manual Integrations
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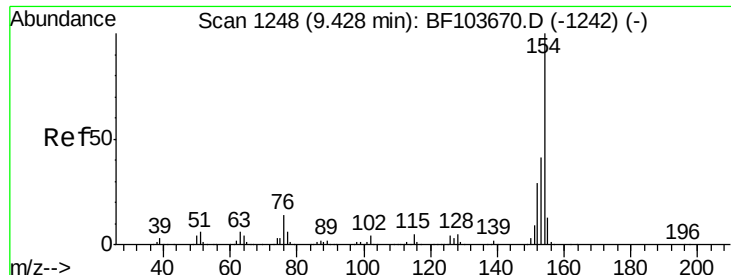
Sohil
 3/16/2018 12:06:16 PM



#44
 2-Fluorobiphenyl
 Concen: 78.362 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1462927		
171	36.2		29.7	44.5	
170	24.2		19.6	29.4	





#45

1,1'-Biphenyl

Concen: 42.709 ng

RT: 9.43 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

BNA_F

ClientSampleId :

PB107343BS

Tot Ion:154 Resp: 1060542

Ion Ratio Lower Upper

154 100

153 41.4 21.3 61.3

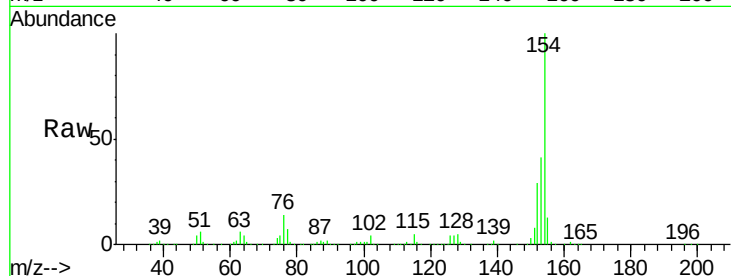
76 14.1 0.0 34.0

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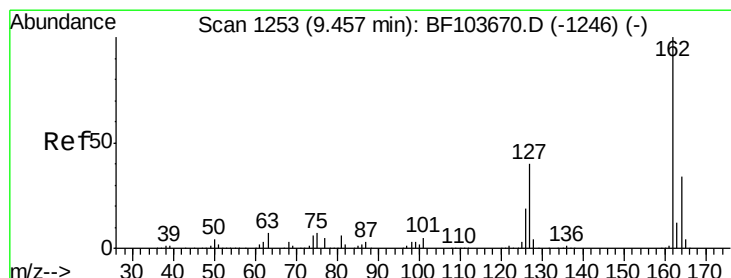
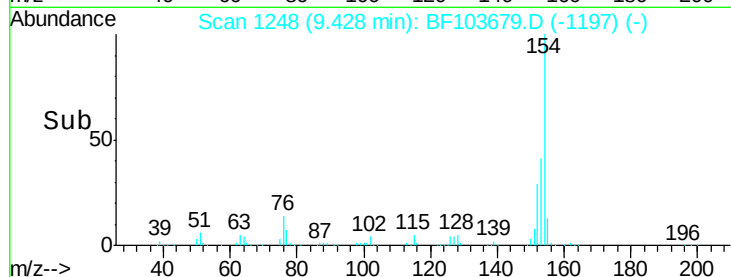
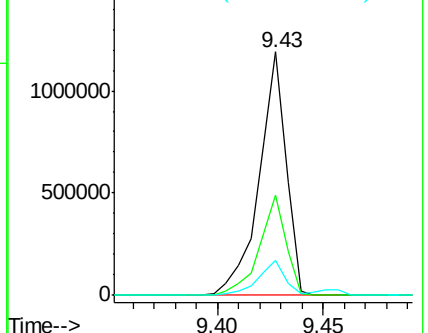
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 43.243 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

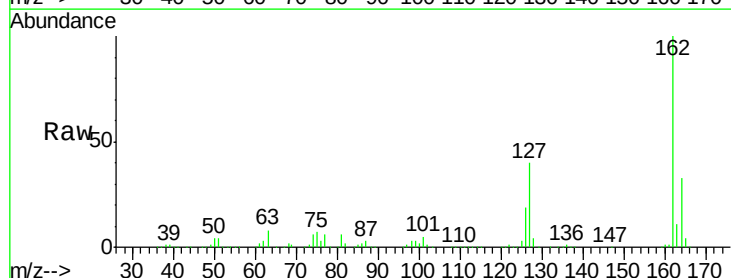
Tgt Ion:162 Resp: 852867

Ion Ratio Lower Upper

162 100

127 40.4 33.9 50.9

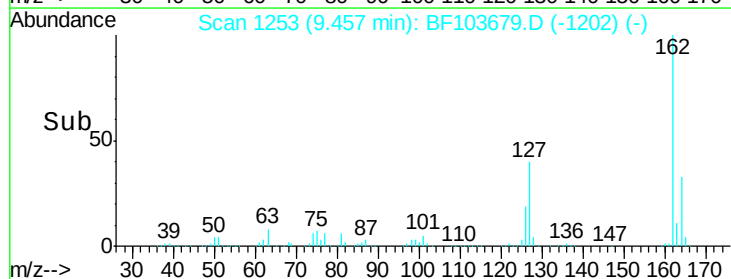
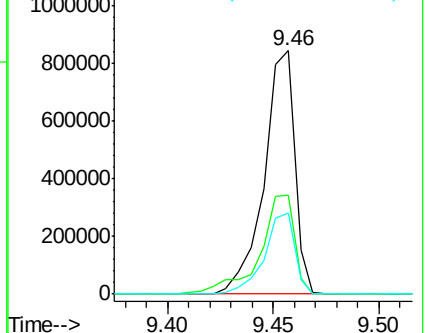
164 33.4 26.5 39.7

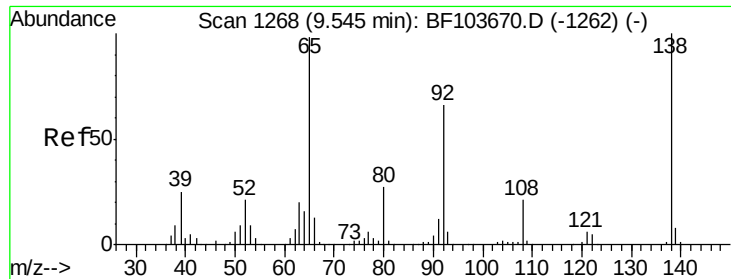


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





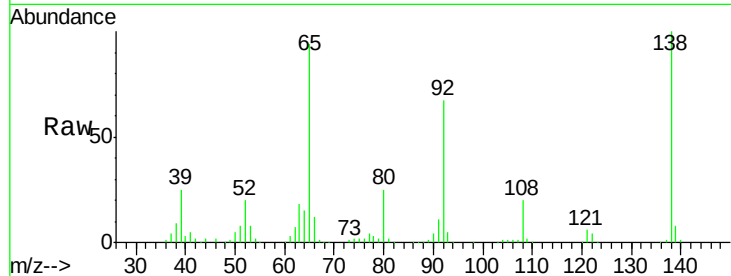
#47
2-Nitroaniline
Concen: 48.834 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Instrument :
BNA_F
ClientSampleId :
PB107343BS

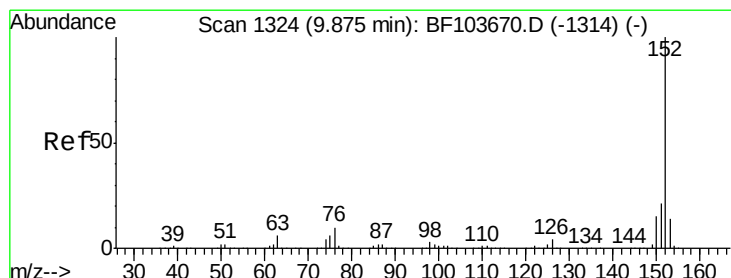
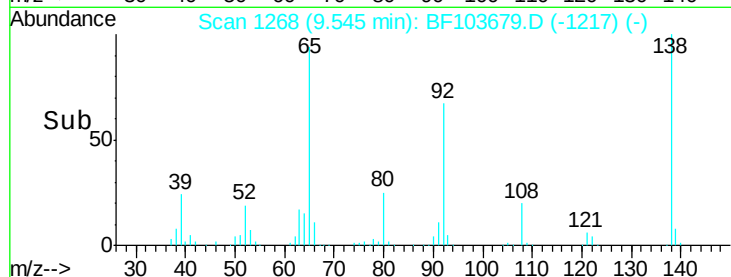
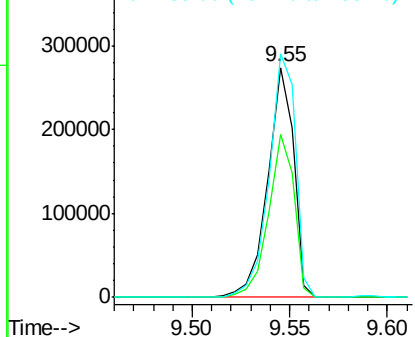
Tot Ion	Ratio	Lower	Upper
65	100		
92	71.0	55.8	83.6
138	106.0	91.2	136.8

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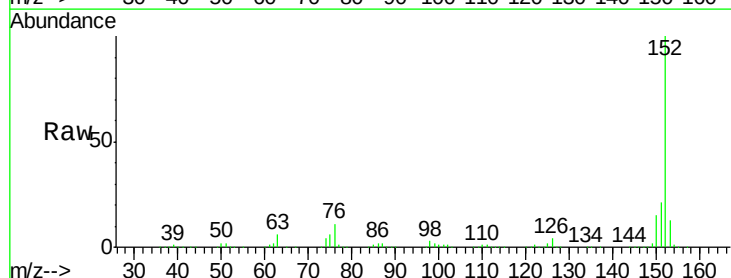


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

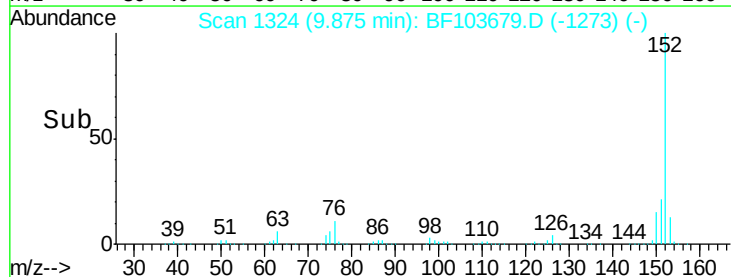
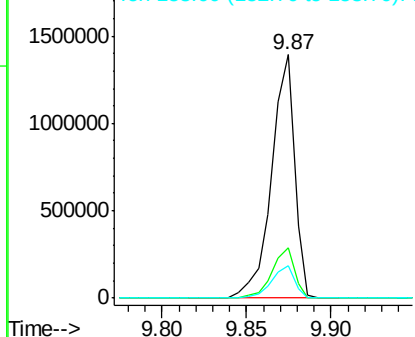


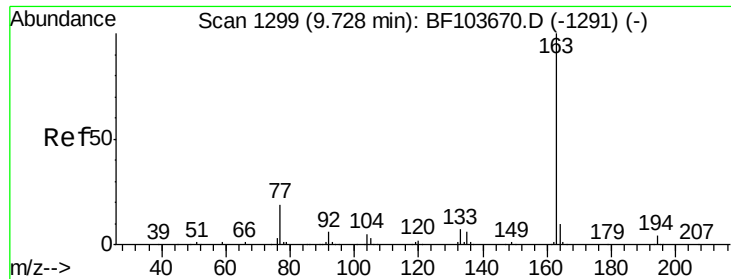
#48
Acenaphthylene
Concen: 42.883 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.4	10.7	16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





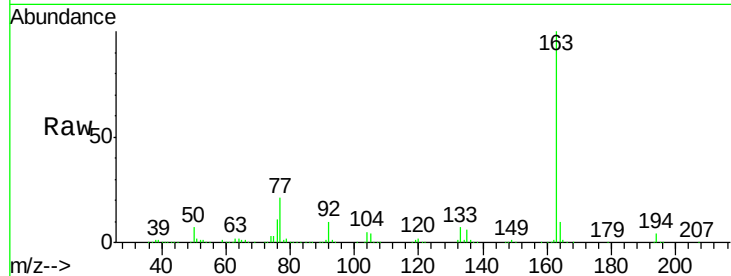
#49
Dimethylphthalate
Concen: 43.243 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Instrument :
BNA_F
ClientSampleId :
PB107343BS

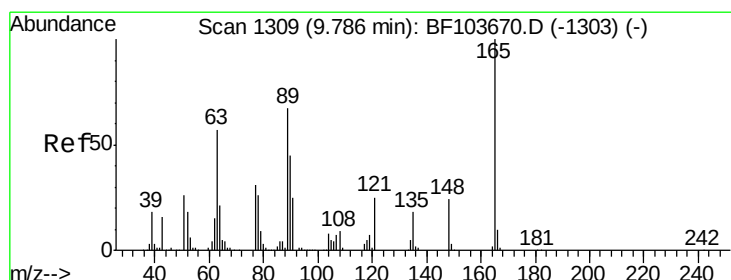
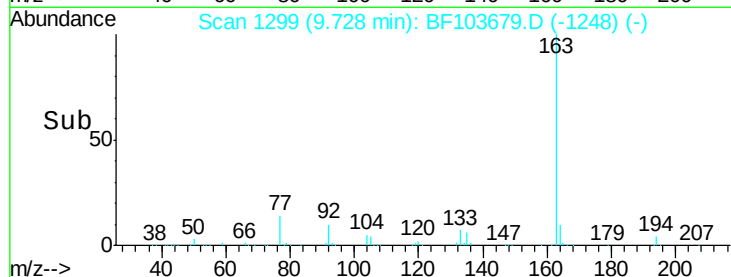
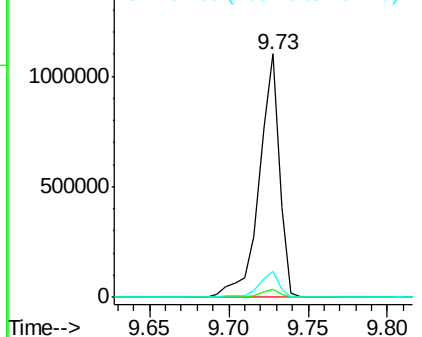
Tot Ion	Ratio	Resp	Lower	Upper
163	100	982486		
194	3.6		2.7	4.1
164	10.4		8.2	12.2

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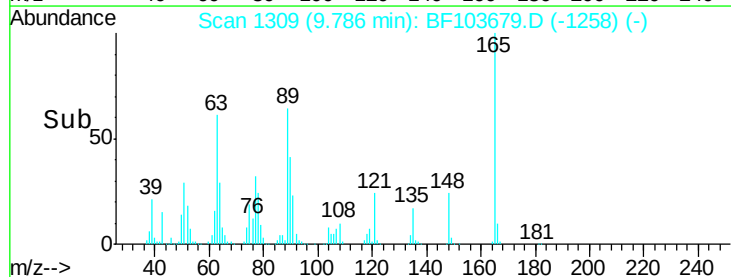
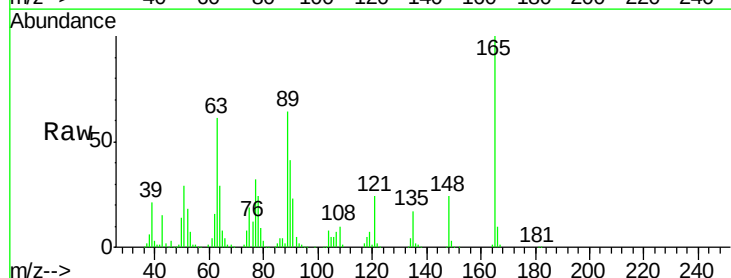
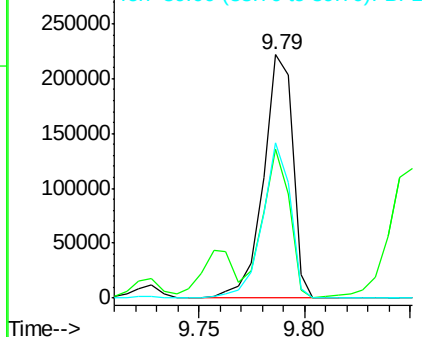
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

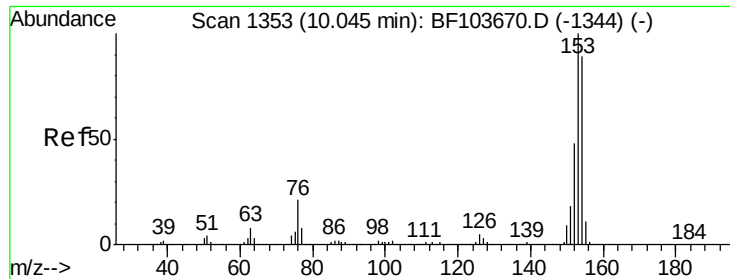


#50
2,6-Dinitrotoluene
Concen: 48.759 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	214602		
63	60.9		44.7	67.1
89	64.0		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: 47.508 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

BNA_F

ClientSampleId :

PB107343BS

Tot Ion:154 Resp: 862729

Ion Ratio Lower Upper

154 100

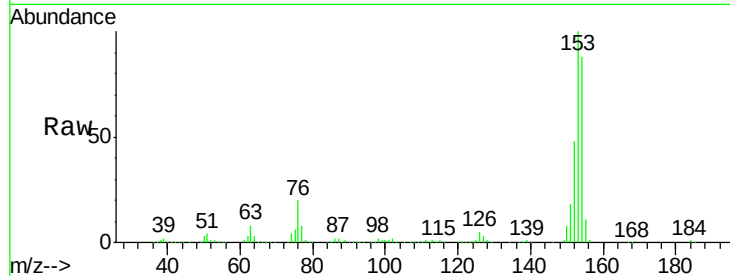
153 113.1 91.2 136.8

152 54.2 43.8 65.8

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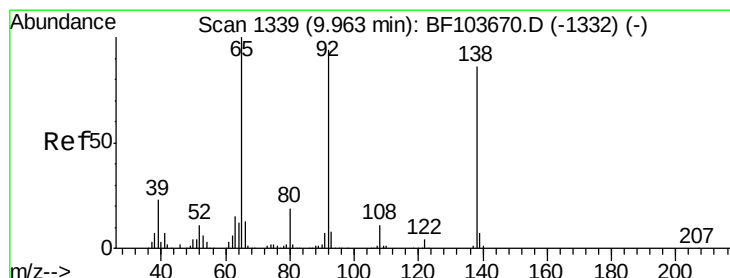
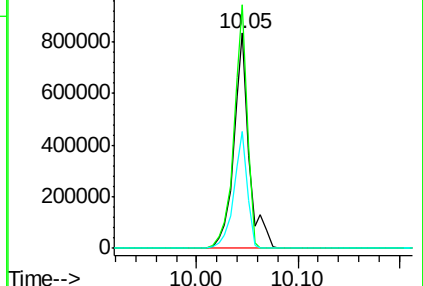
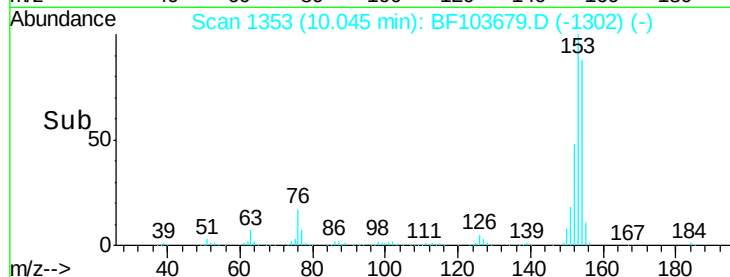
3/16/2018 12:06:16 PM



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: 32.676 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

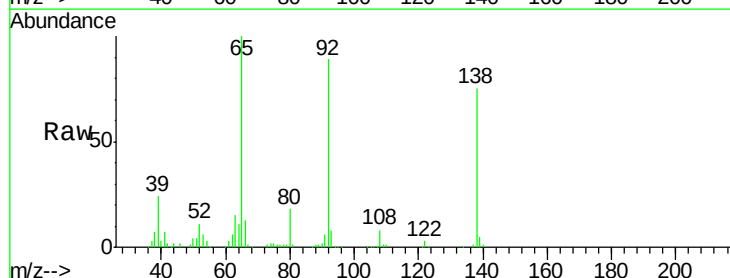
Tgt Ion:138 Resp: 165151

Ion Ratio Lower Upper

138 100

108 10.8 9.4 14.0

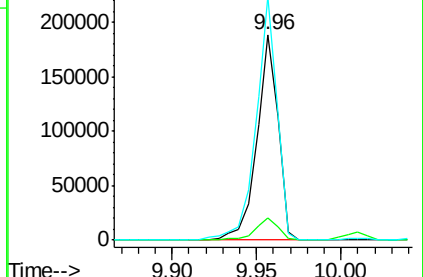
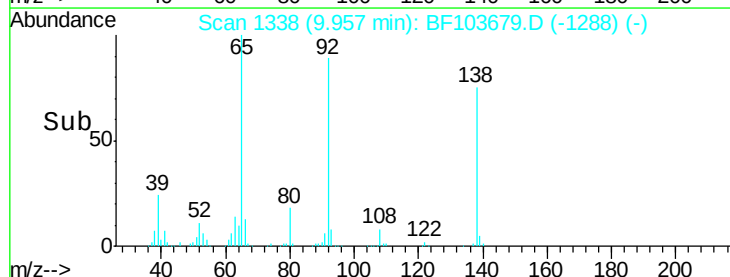
92 118.6 89.4 134.2

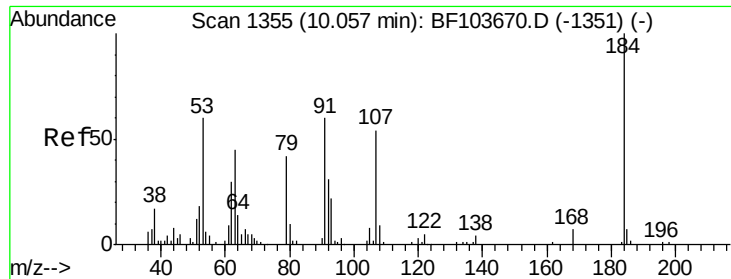


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





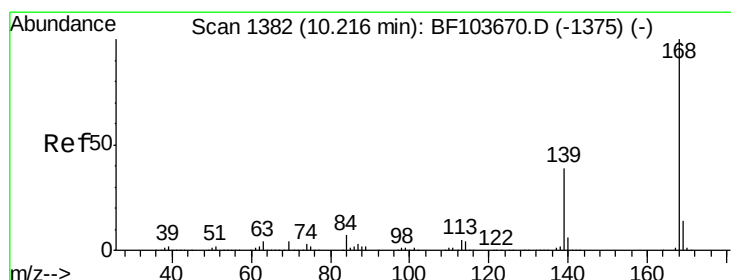
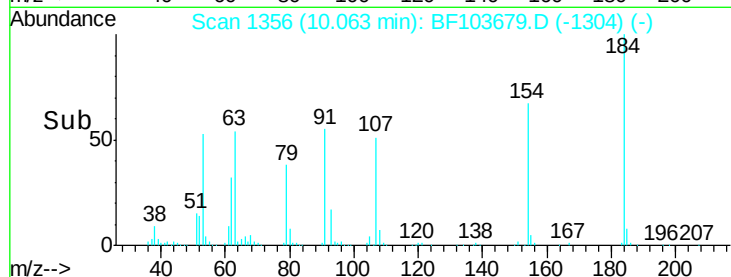
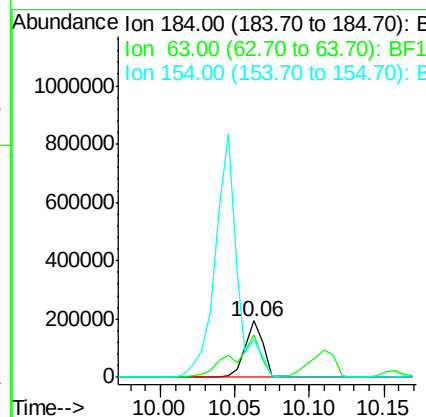
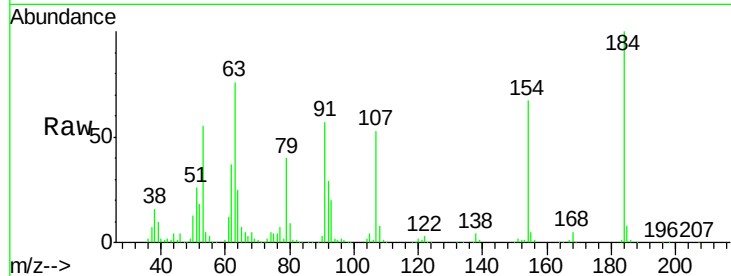
#53
2,4-Dinitrophenol
Concen: 100.270 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Instrument :
BNA_F
ClientSampleId :
PB107343BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	76.4	54.2	81.2
154	66.9	184.0	276.0#

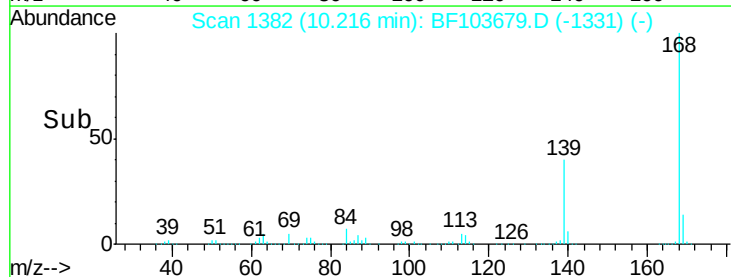
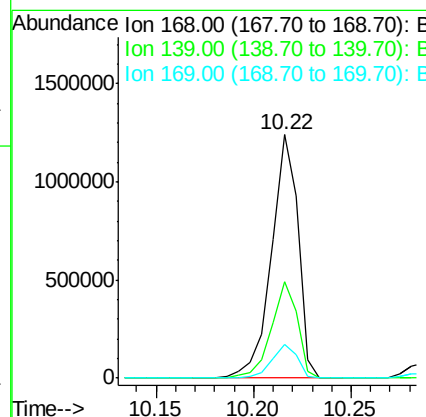
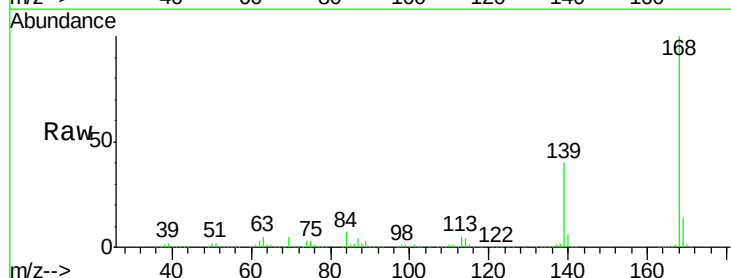
Manual Integrations
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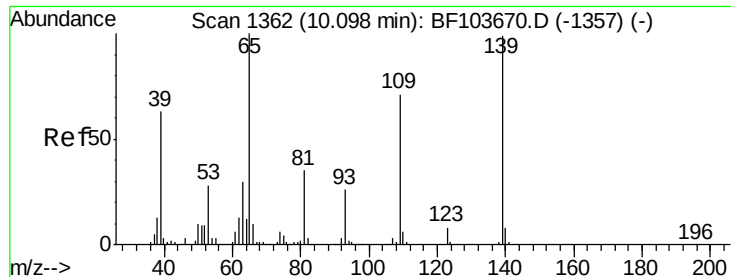
Sohil
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#54
Dibenzofuran
Concen: 45.027 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.1	45.1
169	13.7	10.9	16.3





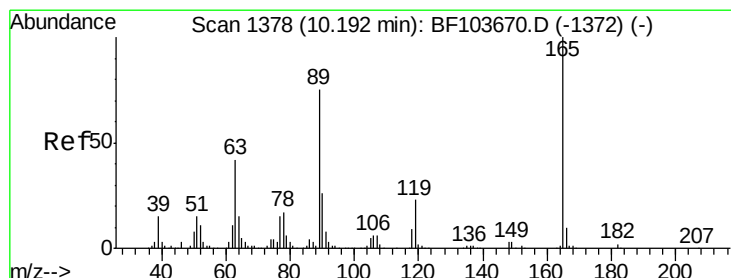
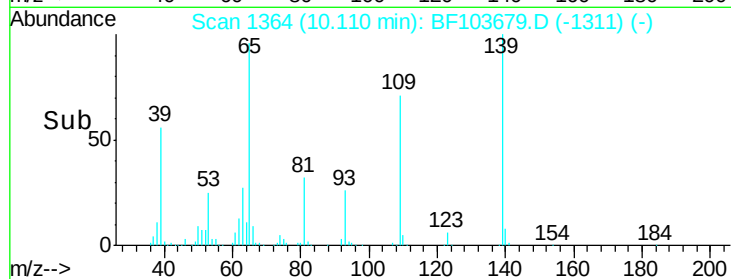
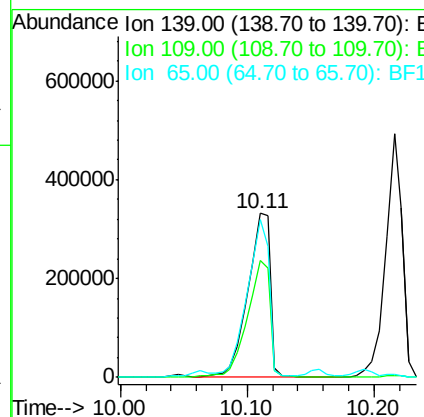
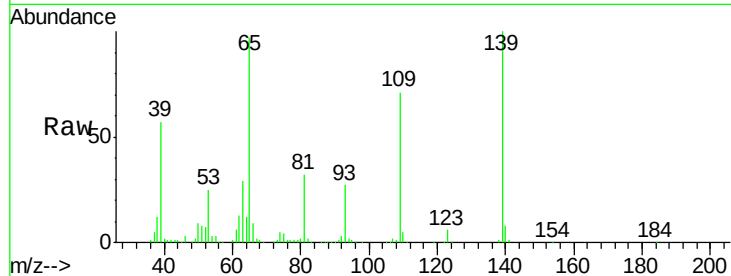
#55
4-Nitrophenol
Concen: 97.099 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Instrument :
BNA_F
ClientSampleId :
PB107343BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	71.2	48.4	88.4	
65	96.5	72.6	112.6	

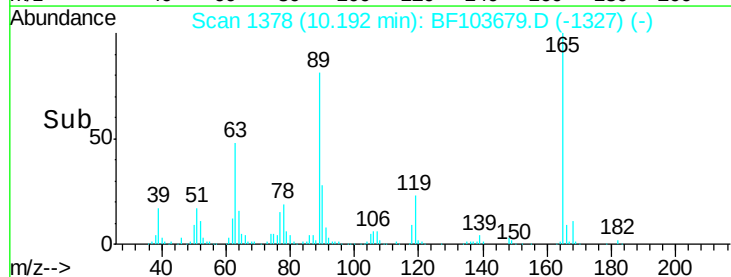
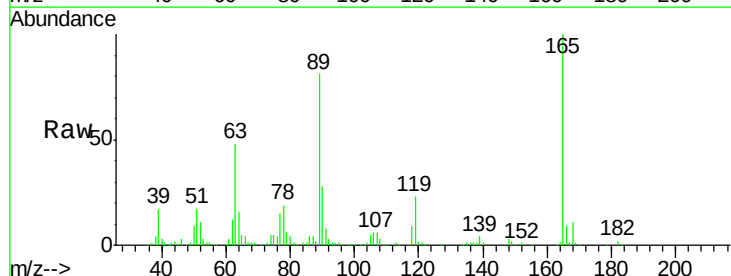
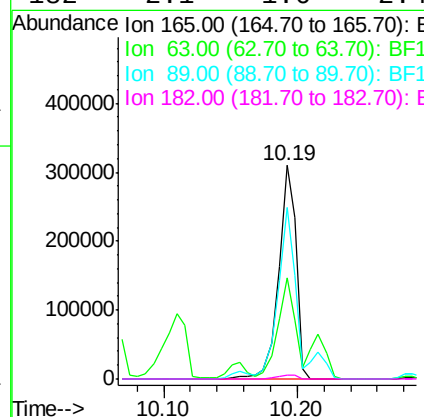
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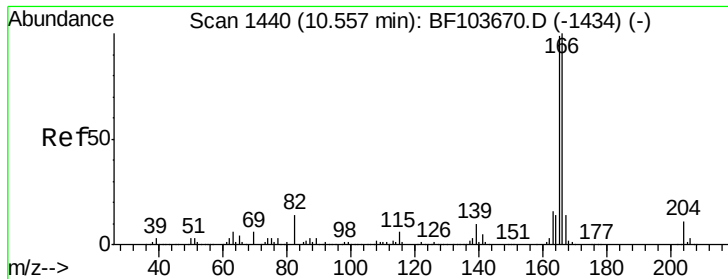
Sohil
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#56
2,4-Dinitrotoluene
Concen: 50.749 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.6	36.4	54.6	
89	80.5	57.8	86.6	
182	2.1	1.6	2.4	





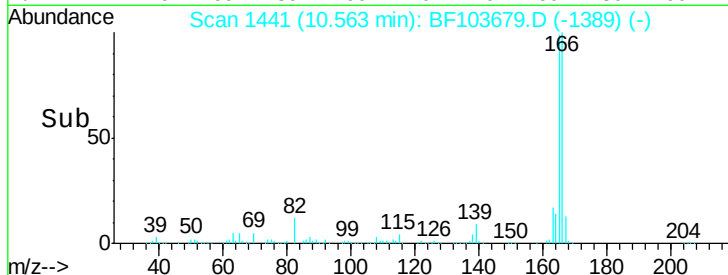
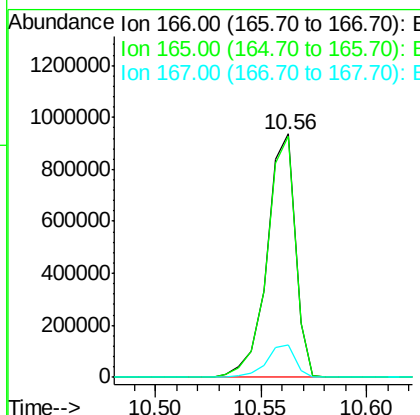
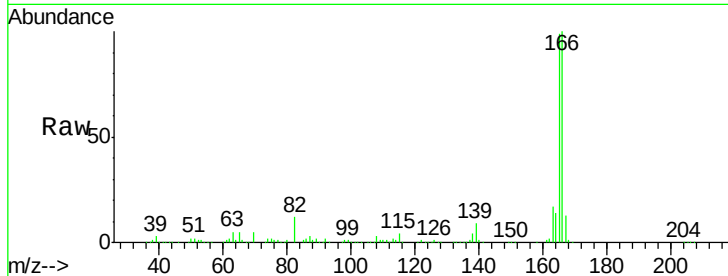
#57
 Fluorene
 Concen: 43.421 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.8	119.8
167	13.4	10.6	16.0

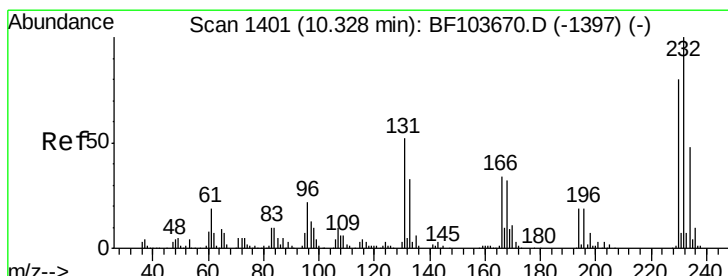
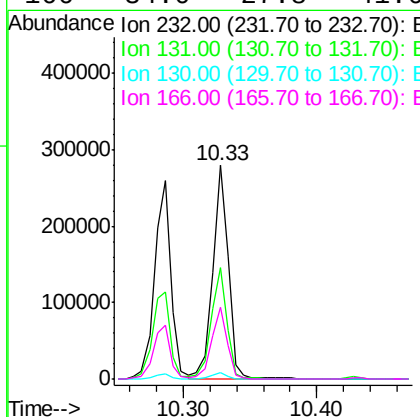
Manual Integrations
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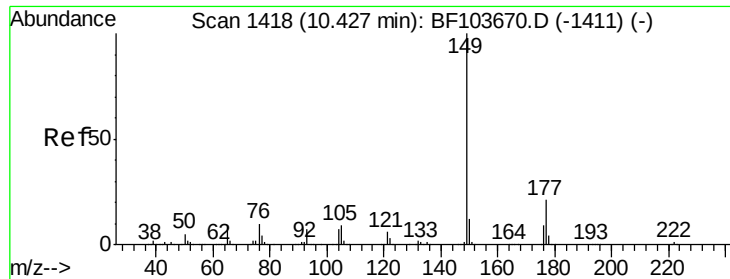
Sohil
 3/16/2018 12:06:16 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.663 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Tgt Ion	Ratio	Lower	Upper
232	100		
131	52.4	43.8	65.8
130	2.7	2.1	3.1
166	34.0	27.8	41.6





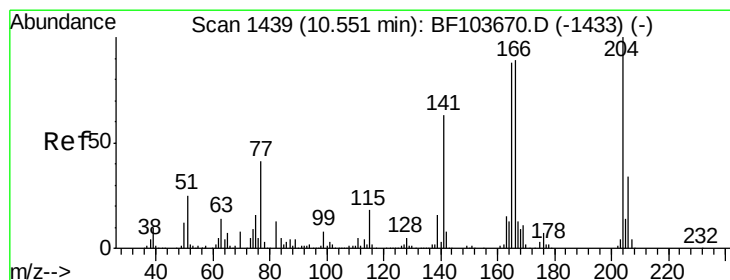
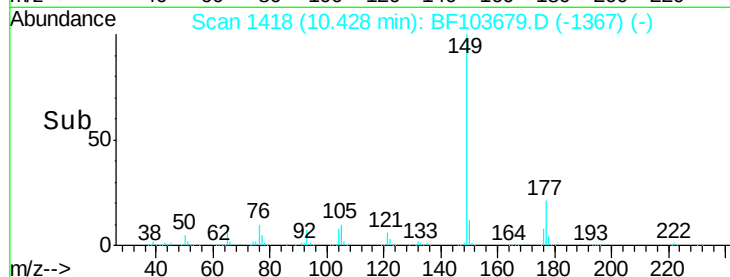
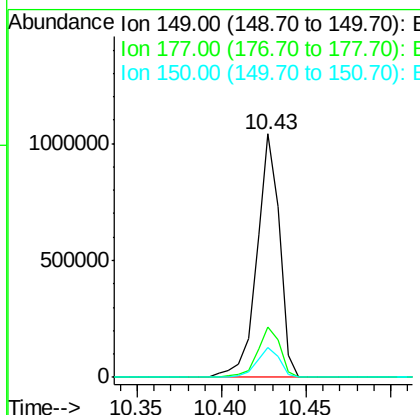
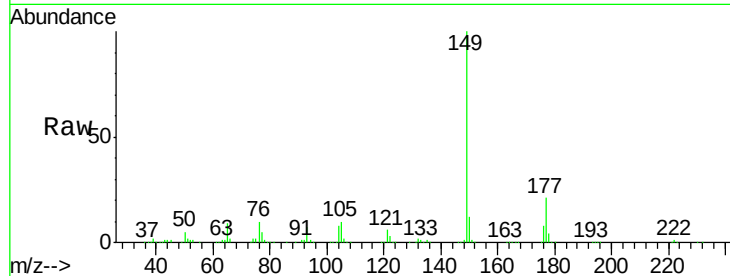
#59
Diethylphthalate
Concen: 43.068 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Instrument :
BNA_F
ClientSampled :
PB107343BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	971197		
177	20.7	16.1	24.1	
150	12.5	10.1	15.1	

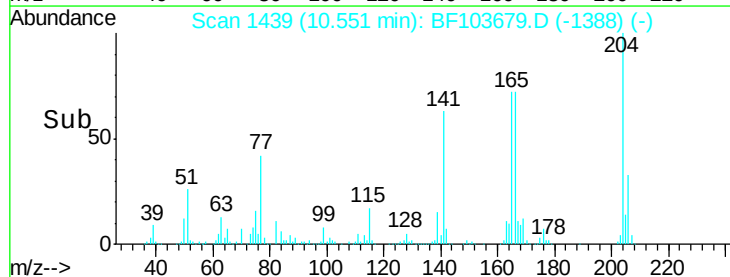
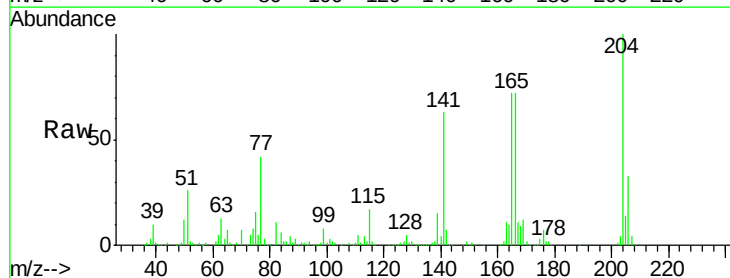
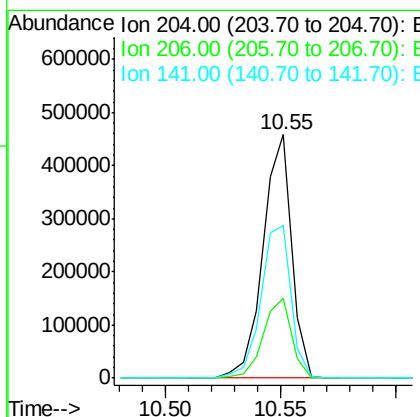
Manual Integrations
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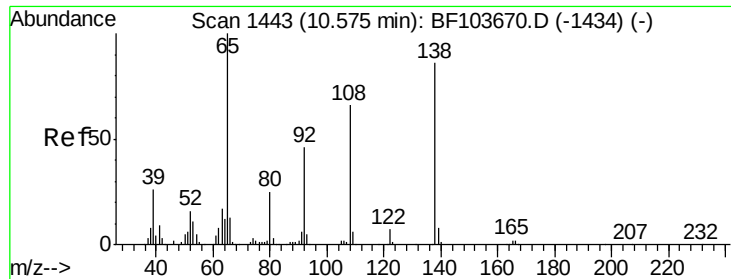
Sohil
3/16/2018 12:06:16 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.915 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	394719		
206	32.9	26.5	39.7	
141	62.9	54.6	81.8	





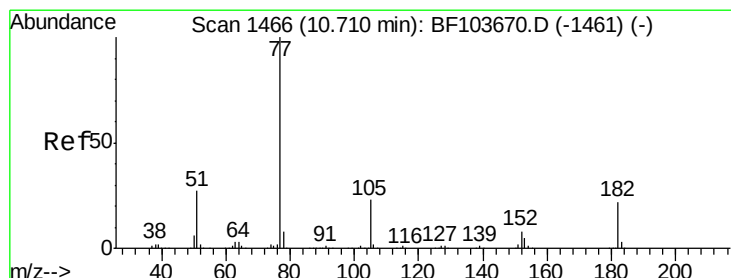
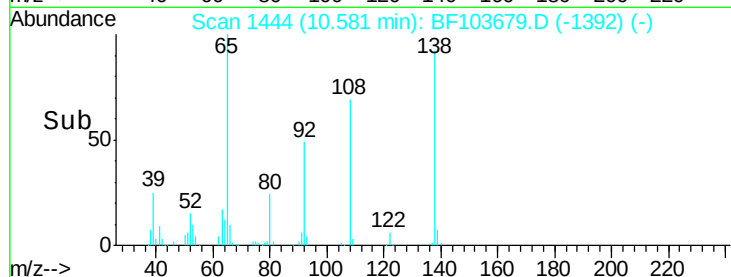
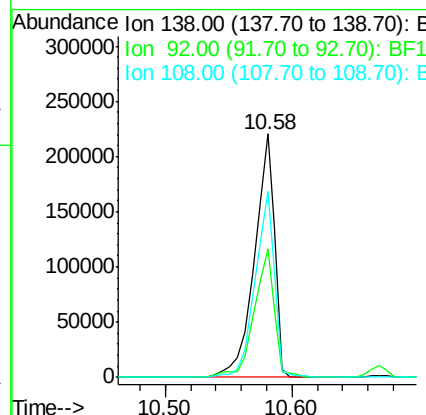
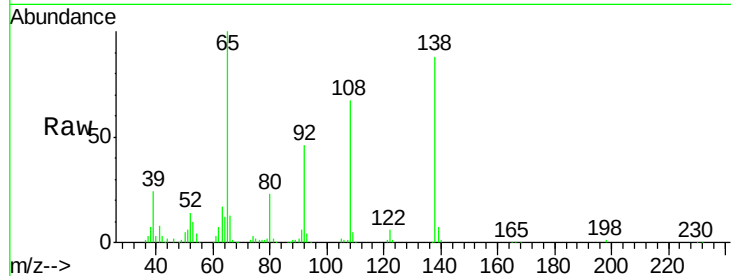
#61
4-Nitroaniline
Concen: 48.354 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Instrument :
BNA_F
ClientSampleId :
PB107343BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.9	30.2	70.2
108	76.4	52.5	92.5

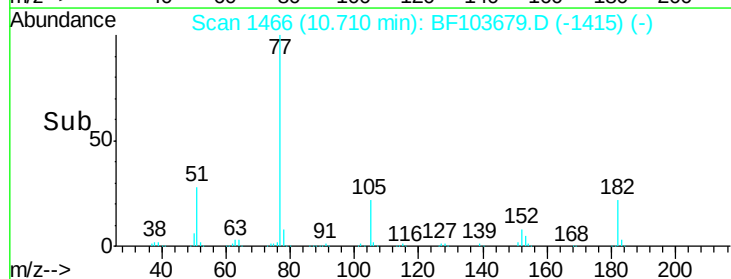
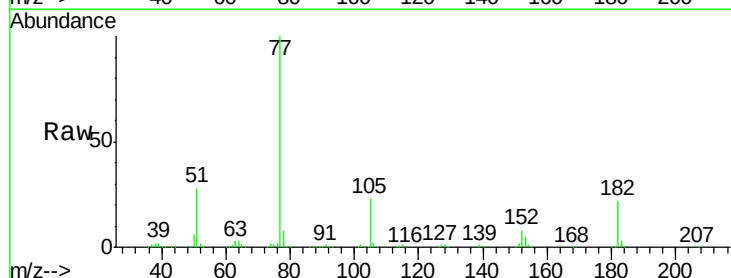
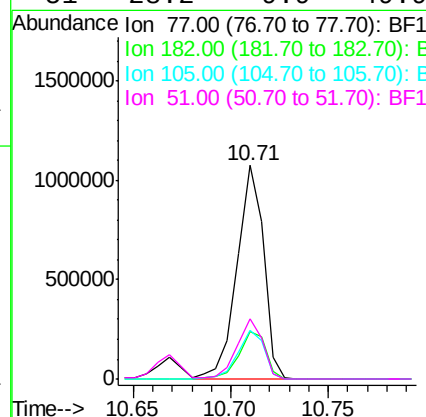
Manual Integrations
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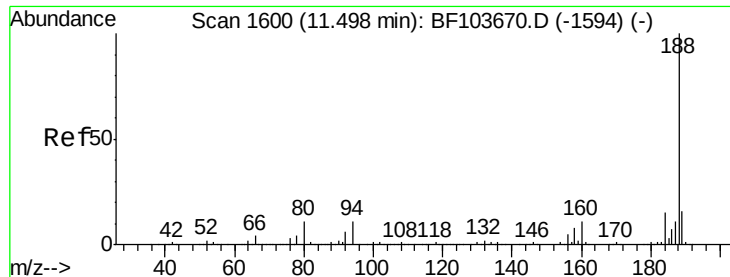
Sohil
3/16/2018 12:06:16 PM



#62
Azobenzene
Concen: 44.259 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.0	1.7	41.7
105	22.9	3.0	43.0
51	28.2	9.9	49.9





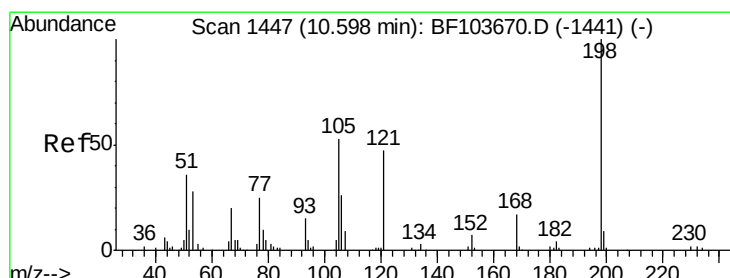
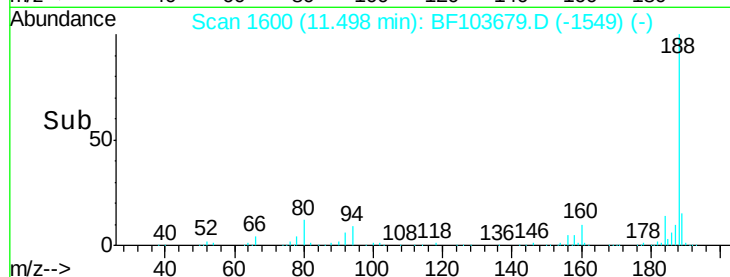
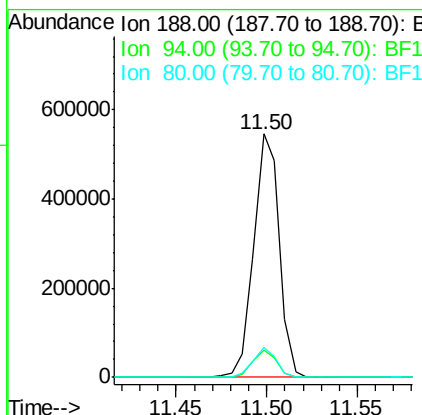
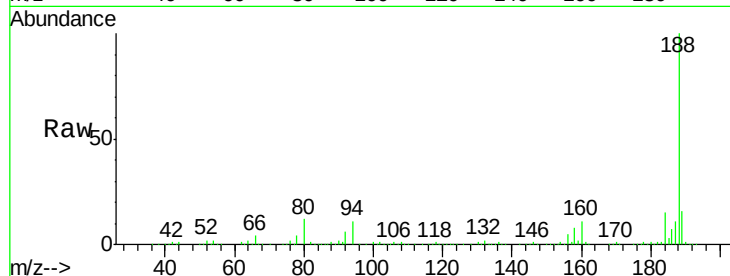
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.3	9.2	13.8

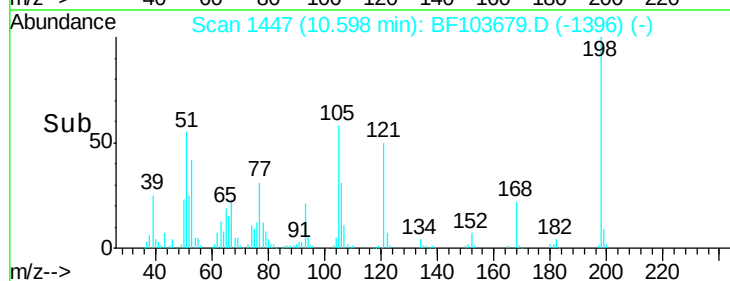
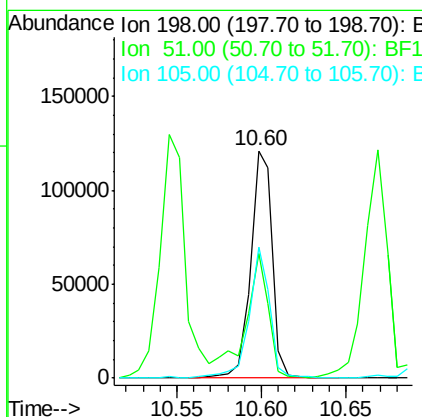
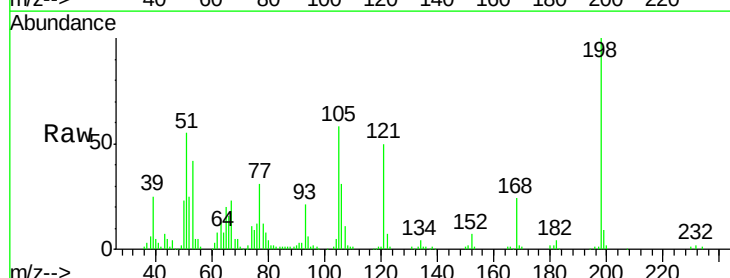
Manual Integrations
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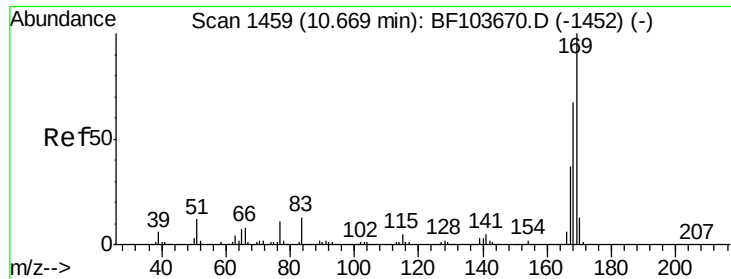
Sohil
 3/16/2018 12:06:16 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 52.798 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	55.0	37.7	77.7
105	57.8	36.3	76.3





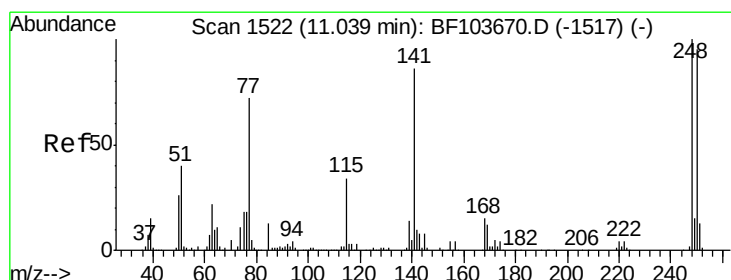
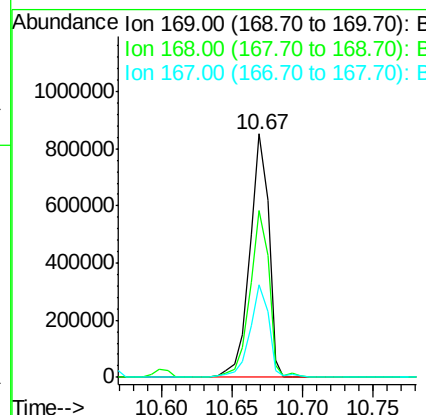
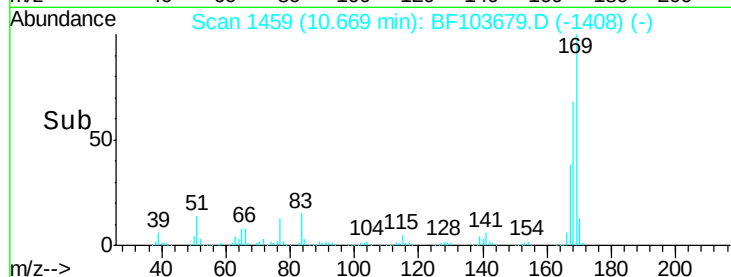
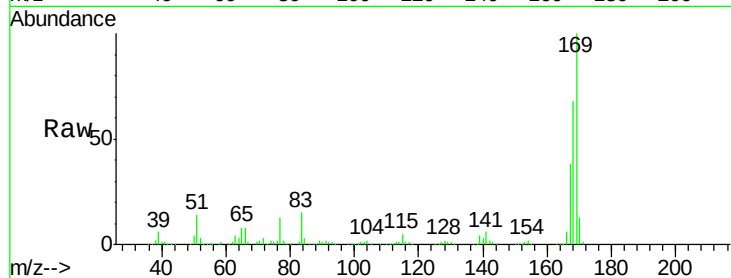
#65
 n-Nitrosodiphenylamine
 Concen: 44.192 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.4	54.4	81.6
167	37.8	29.8	44.6

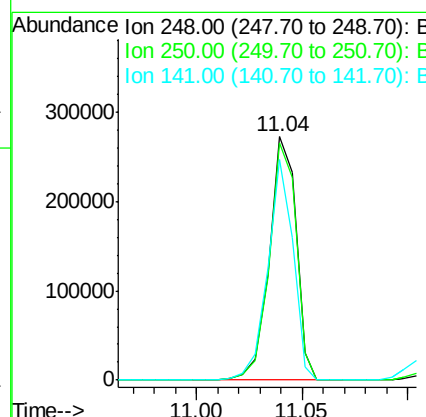
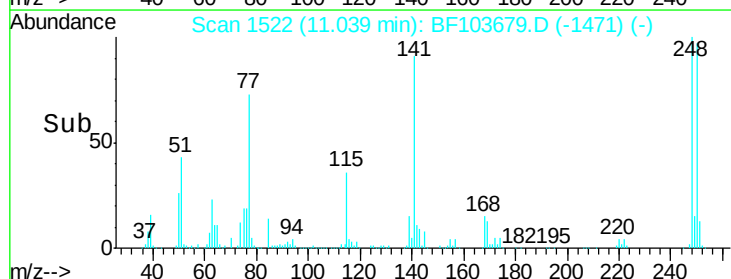
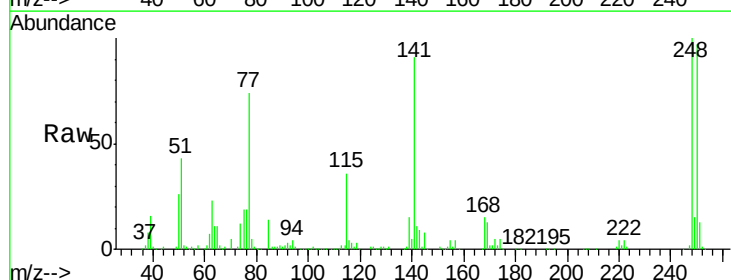
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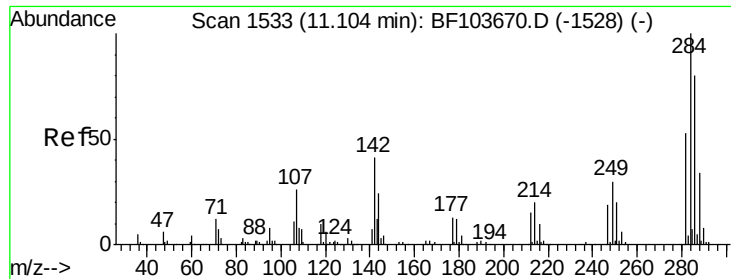
Sohil
 3/16/2018 12:06:16 PM



#66
 4-Bromophenyl-phenylether
 Concen: 44.520 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	76.9	115.3
141	90.5	74.4	111.6





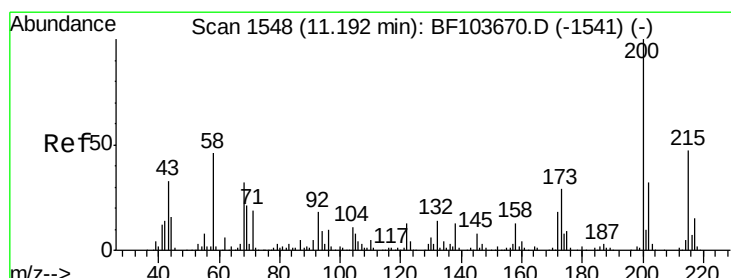
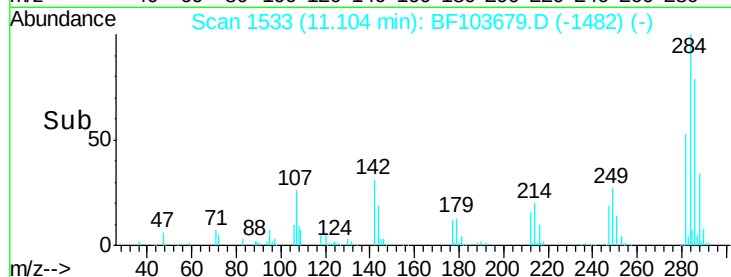
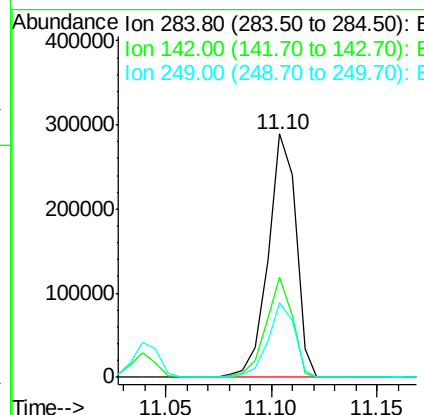
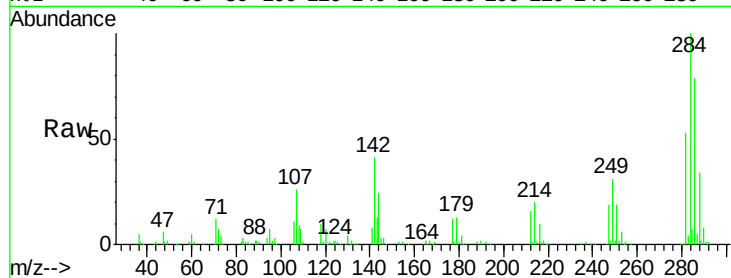
#67
Hexachlorobenzene
Concen: 42.554 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Instrument :
BNA_F
ClientSampleId :
PB107343BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	264758		
142	41.1	34.6	52.0	
249	30.6	24.8	37.2	

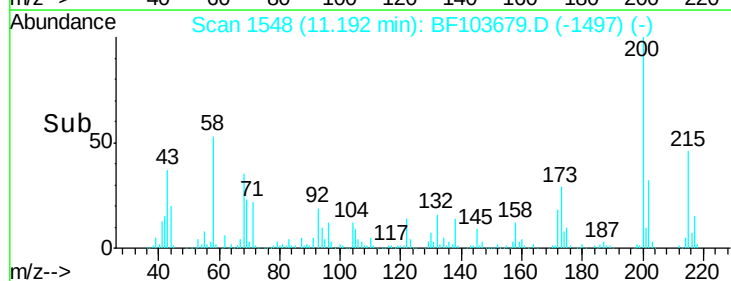
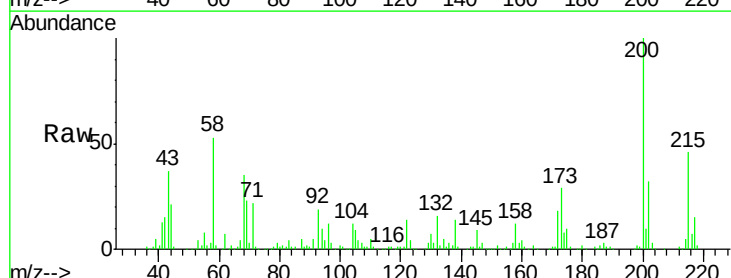
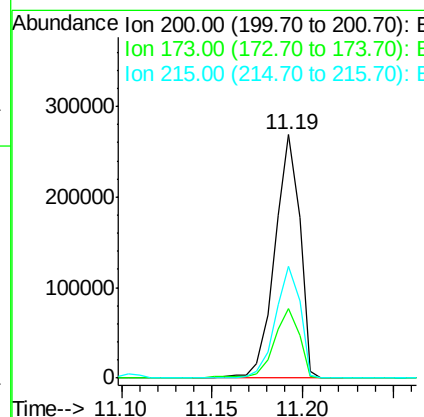
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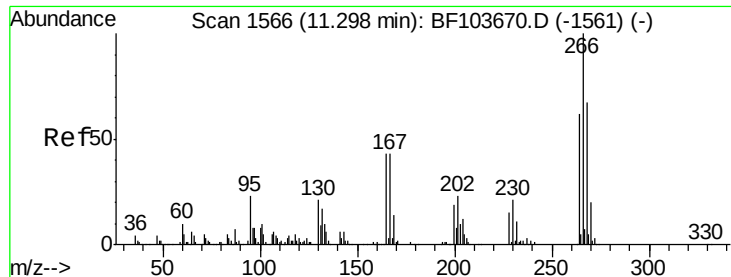
Sohil
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#68
Atrazine
Concen: 45.970 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	256985		
173	28.7	8.6	48.6	
215	46.2	25.1	65.1	





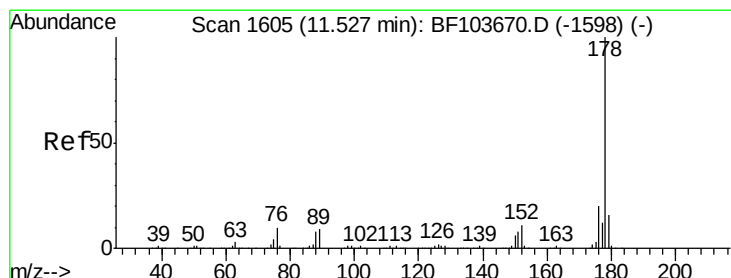
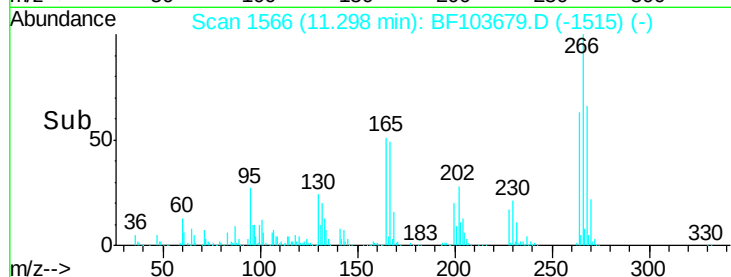
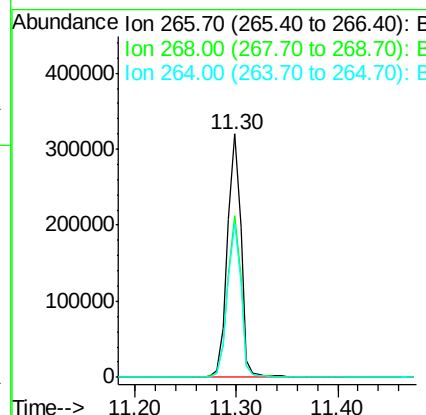
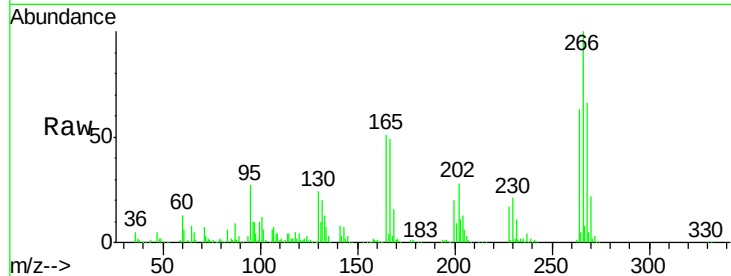
#69
 Pentachlorophenol
 Concen: 83.681 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	299320		
268	66.5	51.1	76.7	
264	63.4	49.5	74.3	

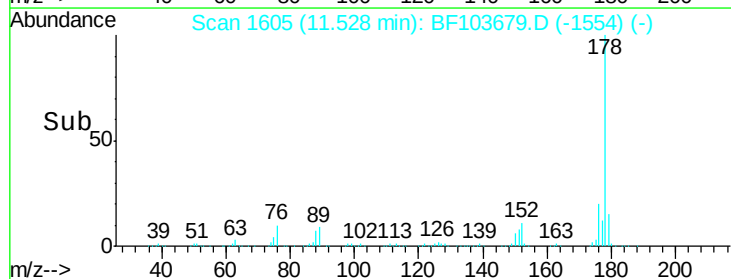
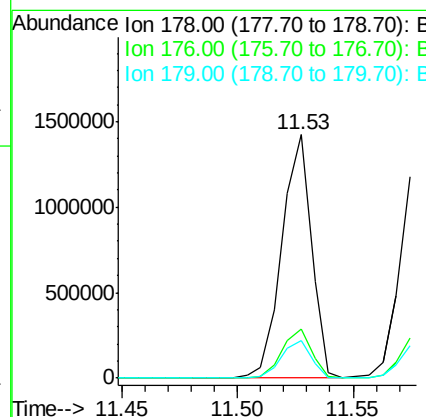
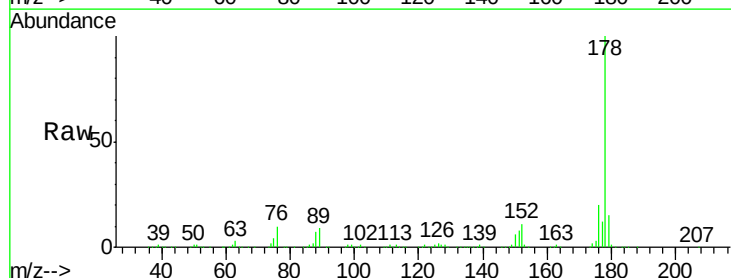
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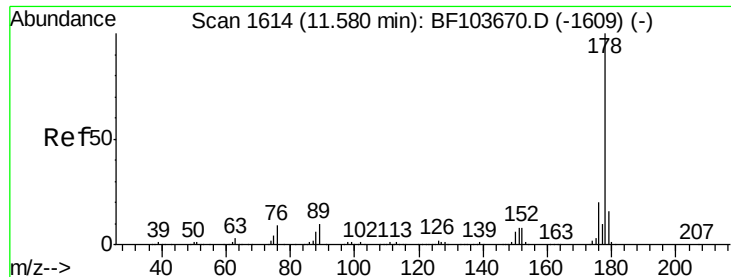
Sohil
 3/16/2018 12:06:16 PM



#70
 Phenanthrene
 Concen: 43.615 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1266688		
176	20.1	15.8	23.8	
179	15.4	13.0	19.6	





#71

Anthracene

Concen: 43.942 ng

RT: 11.58 min Scan# 1614

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

BNA_F

ClientSampleId :

PB107343BS

Tot Ion:178 Resp: 1296173

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

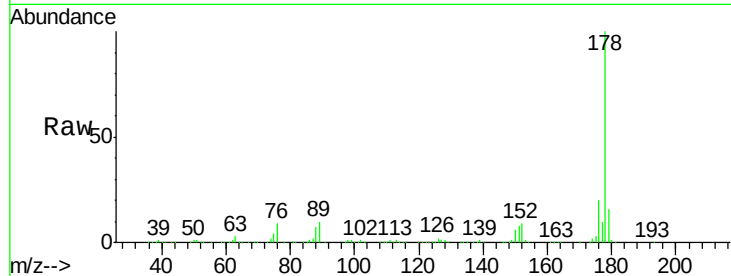
179 15.7 12.6 19.0

Manual Integrations

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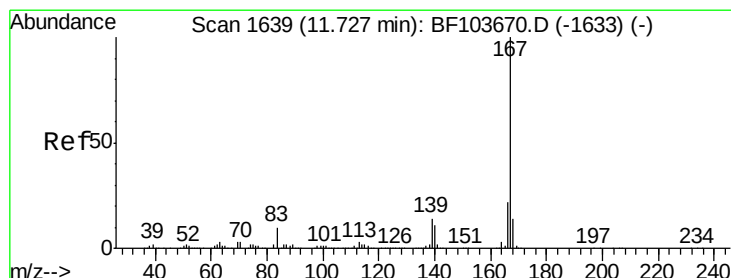
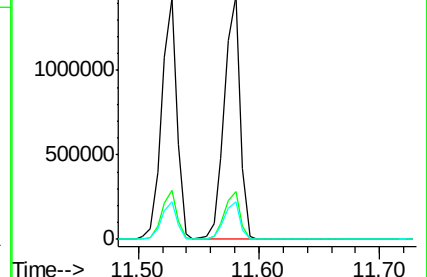
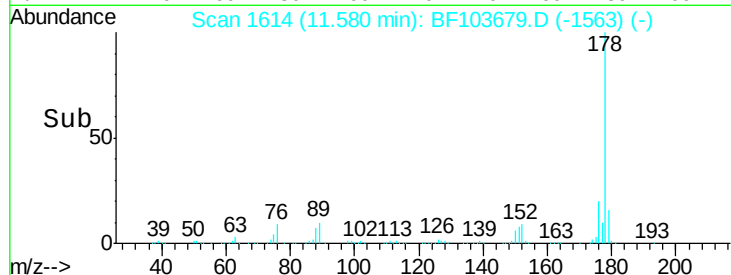
3/16/2018 12:06:16 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.089 ng

RT: 11.73 min Scan# 1639

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

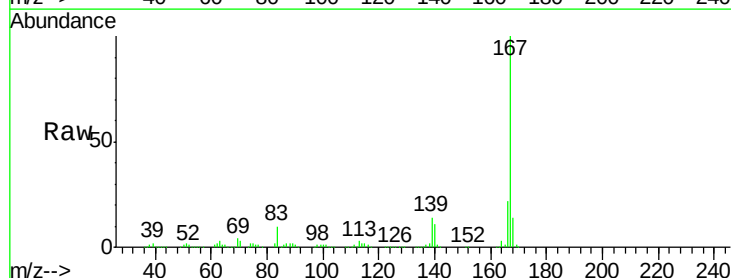
Tgt Ion:167 Resp: 1235359

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

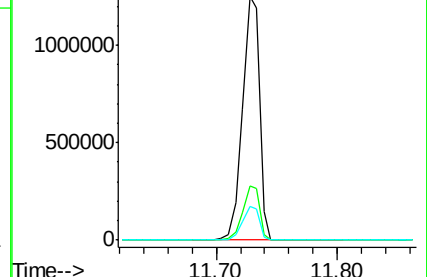
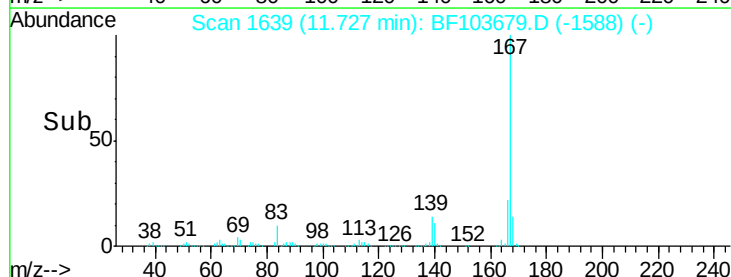
139 13.8 10.9 16.3

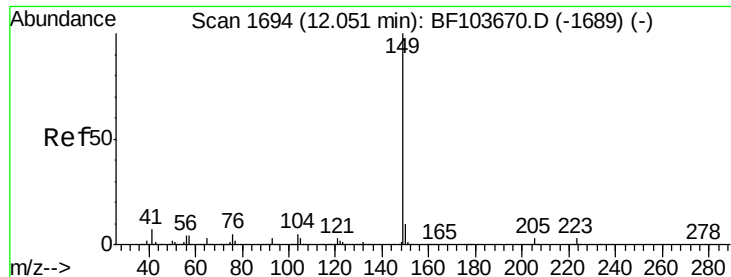


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.632 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

BNA_F

ClientSampleId :

PB107343BS

Tot Ion:149 Resp: 1500960

Ion Ratio Lower Upper

149 100

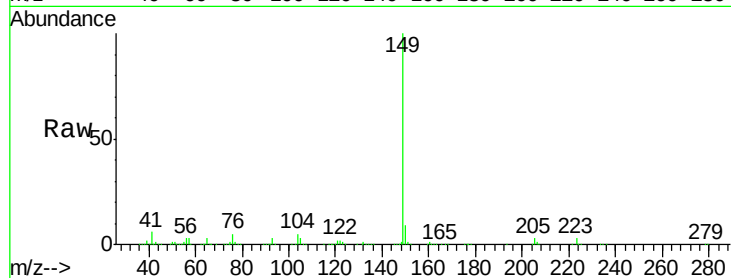
150 9.1 7.8 11.6

104 5.0 3.8 5.8

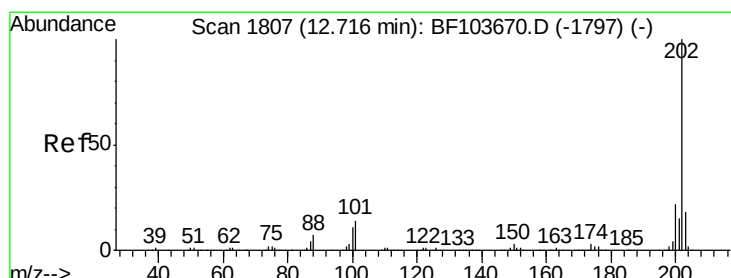
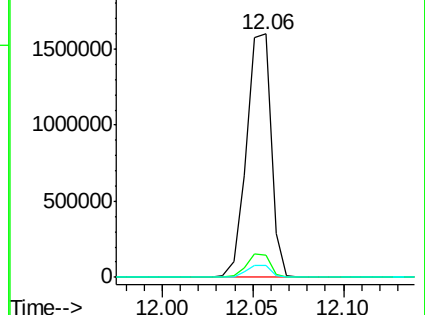
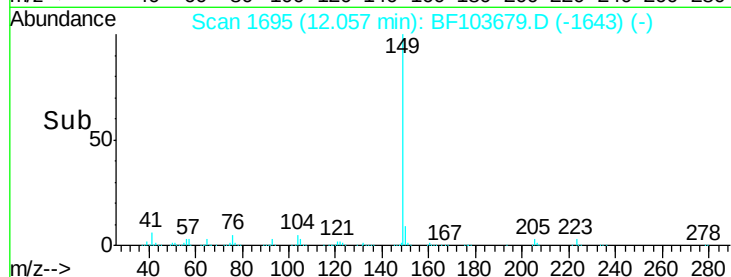
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.091 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF103679.D

Acq: 15 Mar 2018 20:15

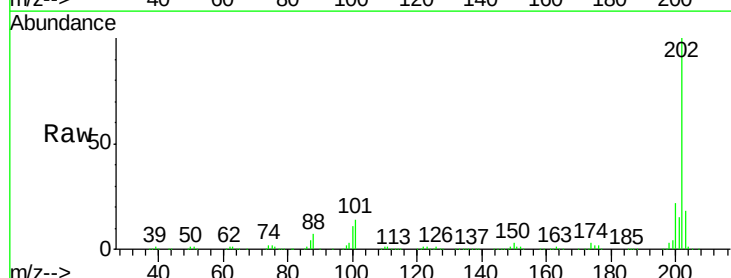
Tgt Ion:202 Resp: 1319234

Ion Ratio Lower Upper

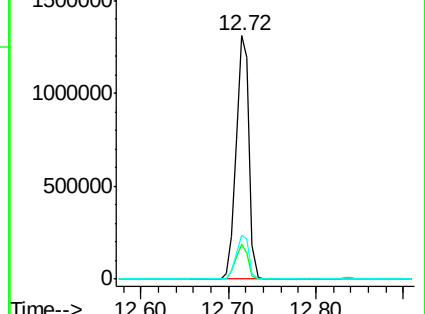
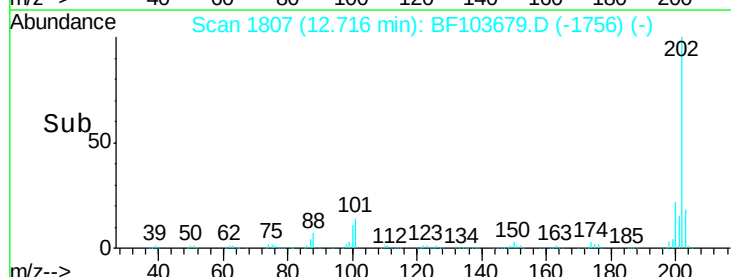
202 100

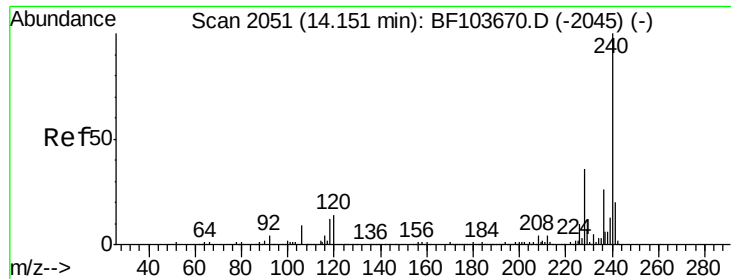
101 14.4 0.0 34.1

203 18.0 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: BF103679.D

Acq: 15 Mar 2018 20:15

Instrument :

BNA_F

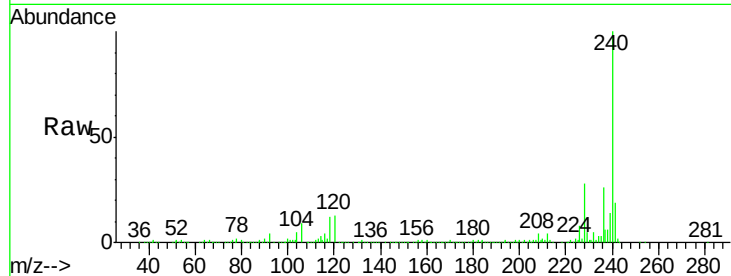
ClientSampleId :

PB107343BS

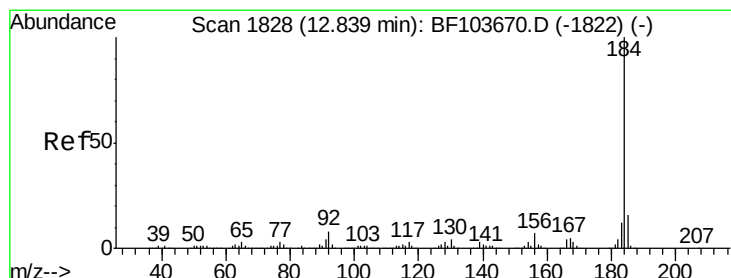
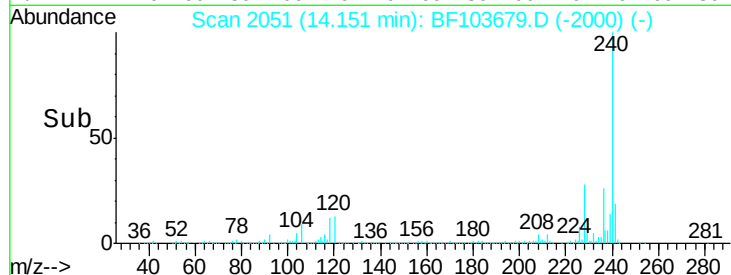
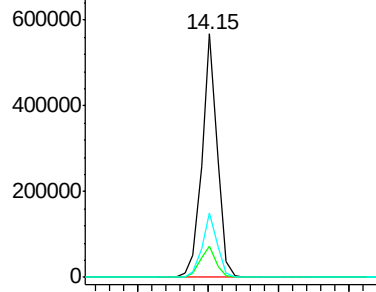
Tot Ion:	240	Resp:	424441
Ion Ratio	Lower	Upper	
240	100		
120	13.0	9.5	14.3
236	26.3	20.7	31.1

Manual Integrations
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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: 42.349 ng

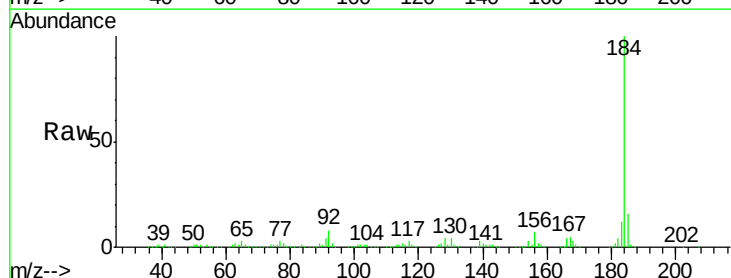
RT: 12.84 min Scan# 1828

Delta R.T. 0.00 min

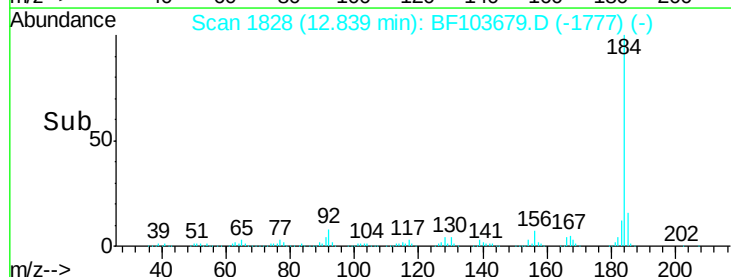
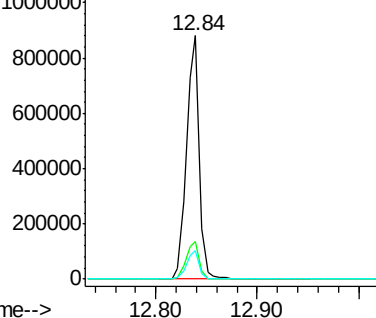
Lab File: BF103679.D

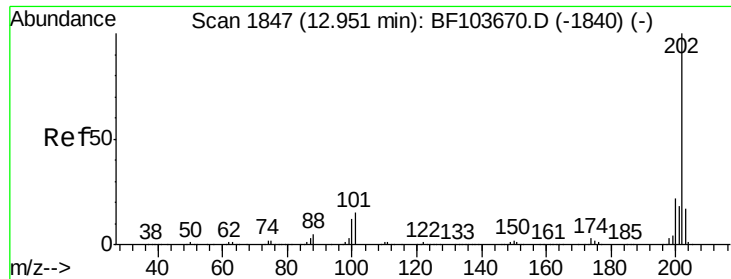
Acq: 15 Mar 2018 20:15

Tgt Ion:	184	Resp:	766622
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.6	18.8
183	12.0	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





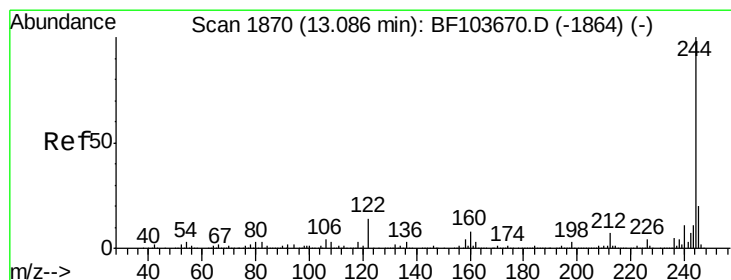
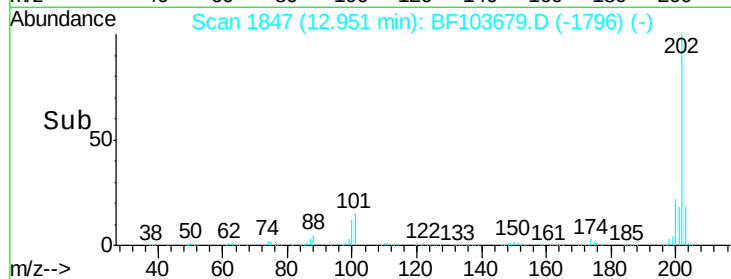
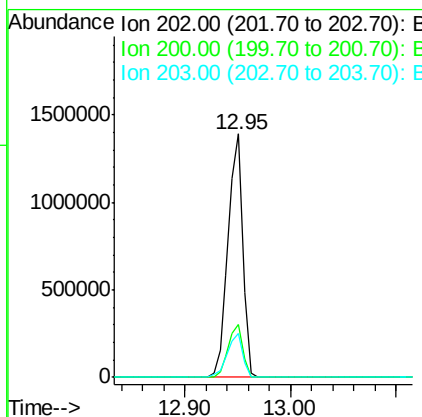
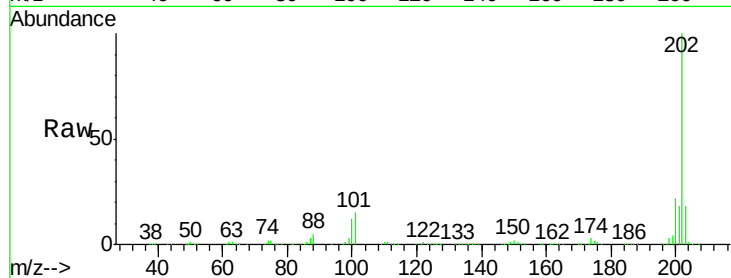
#77
 Pvrene
 Concen: 43.244 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.9	14.3	21.5

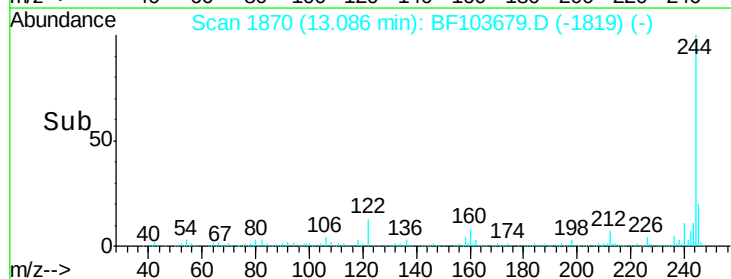
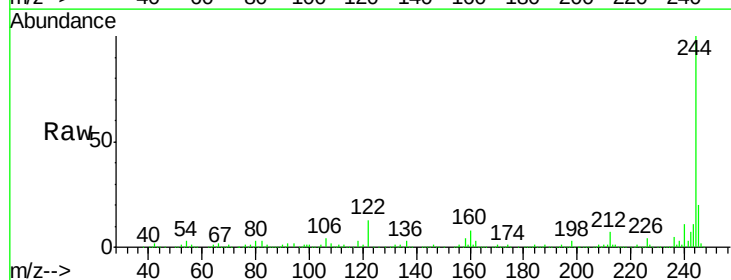
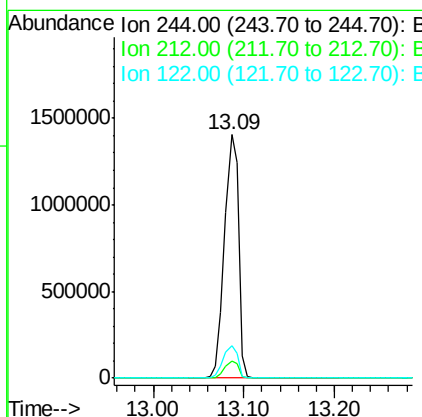
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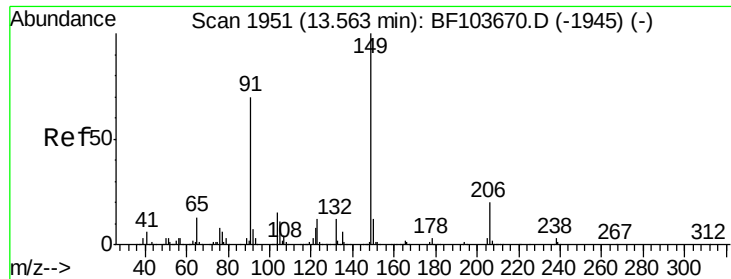
Sohil
 3/16/2018 12:06:16 PM



#78
 Terphenyl-d14
 Concen: 81.416 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.3	11.0	16.4





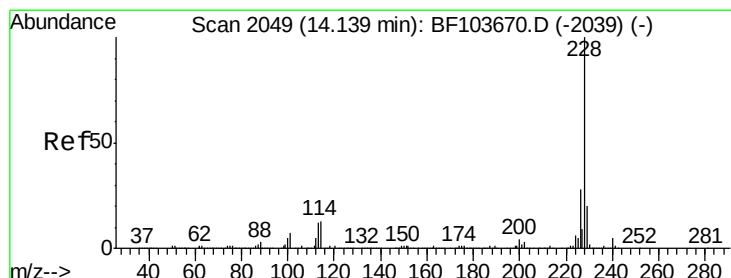
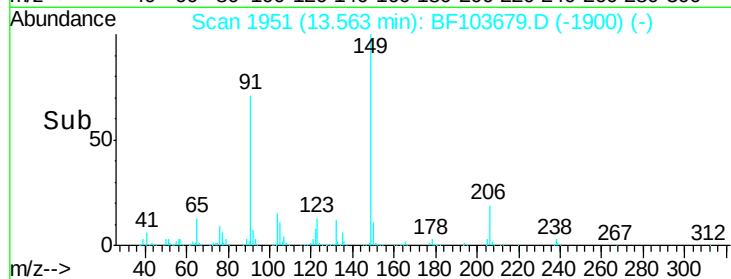
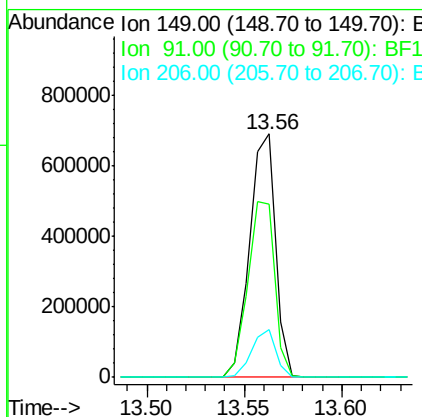
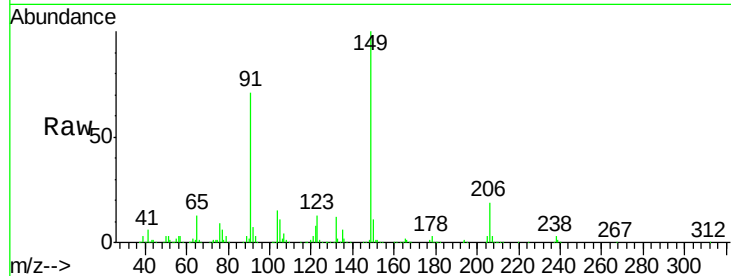
#79
Butylbenzylphthalate
Concen: 46.063 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Instrument :
BNA_F
ClientSampleId :
PB107343BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.2	56.8	85.2
206	19.4	14.1	21.1

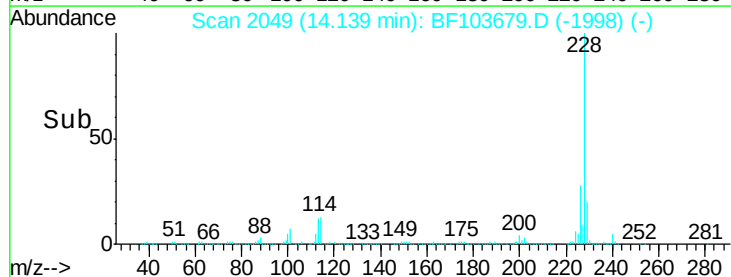
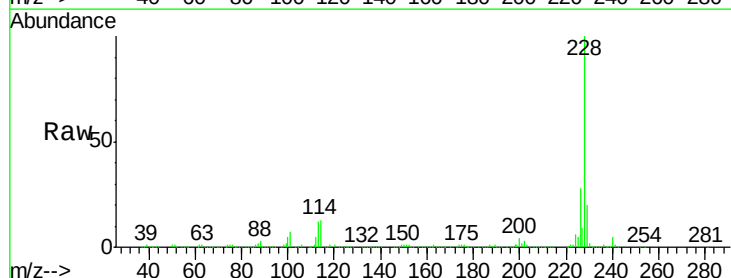
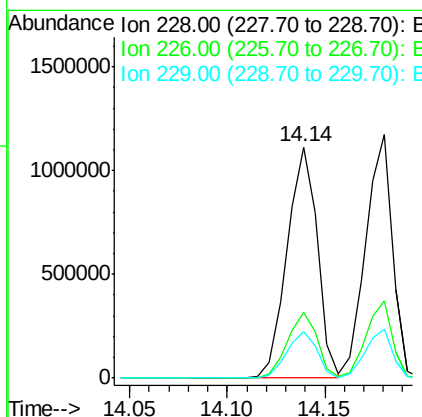
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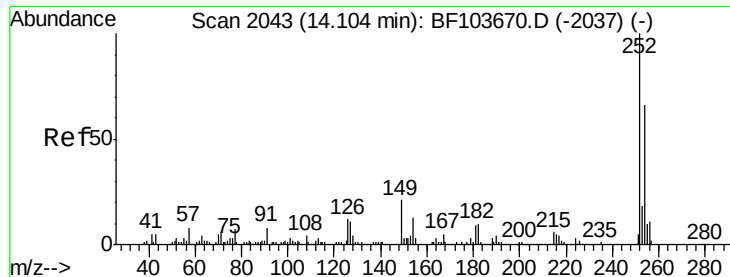
Sohil
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#80
Benzo(a)anthracene
Concen: 44.262 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	20.2	15.8	23.6





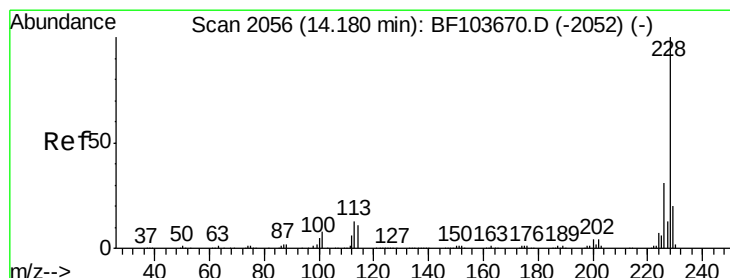
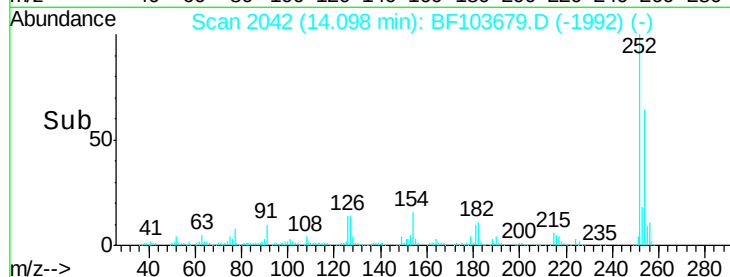
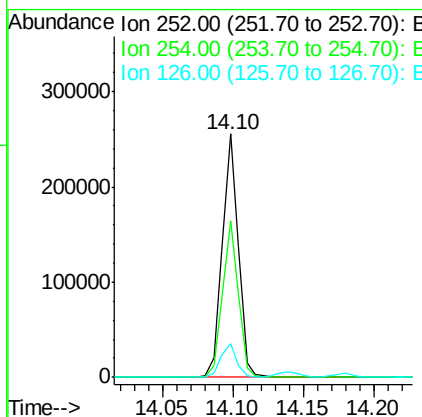
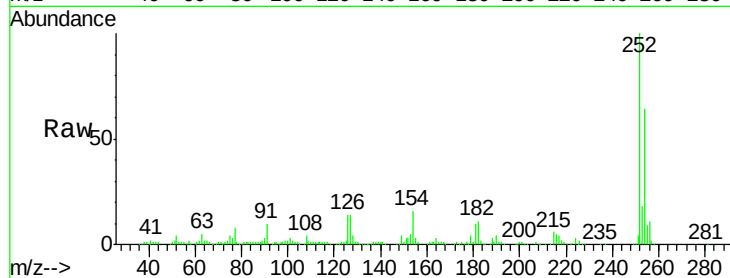
#81
 3,3'-Dichlorobenzidine
 Concen: 22.467 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.4	75.6
126	14.1	11.3	16.9

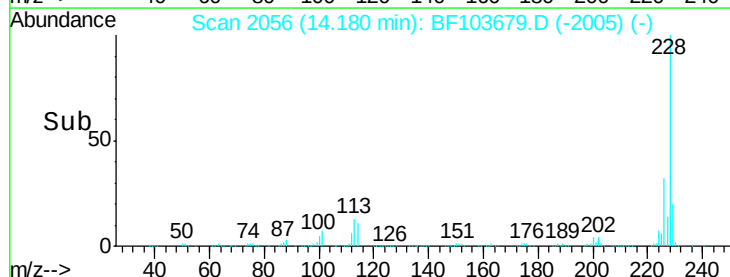
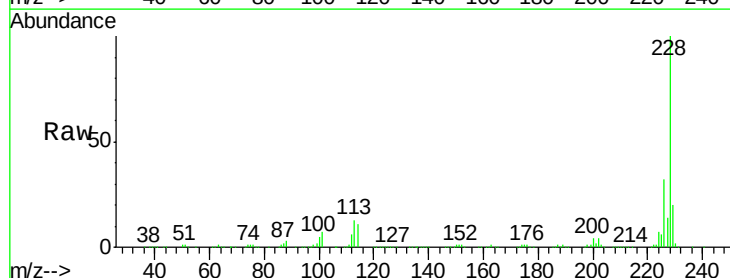
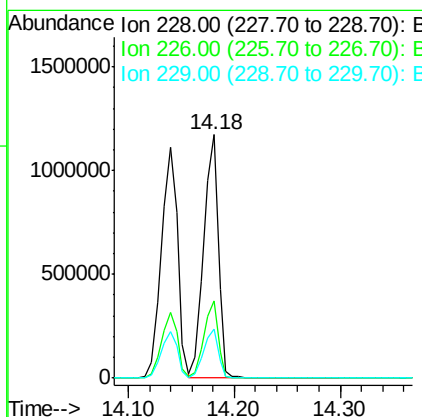
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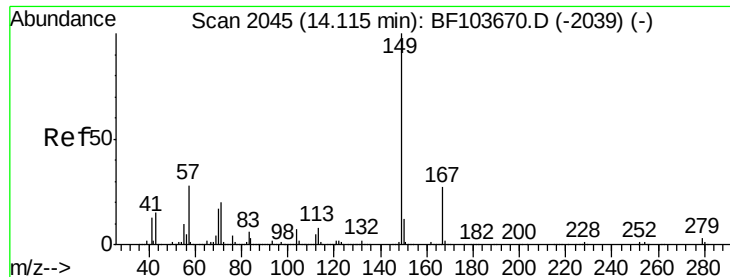
Sohil
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#82
 Chrysene
 Concen: 43.828 ng
 RT: 14.18 min Scan# 2056
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.6
229	20.0	16.2	24.4





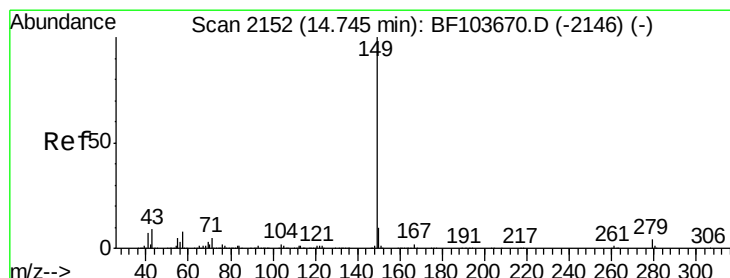
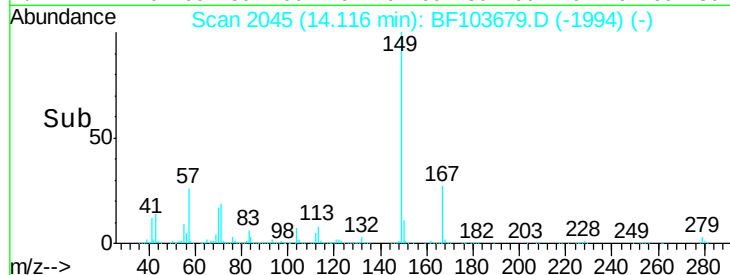
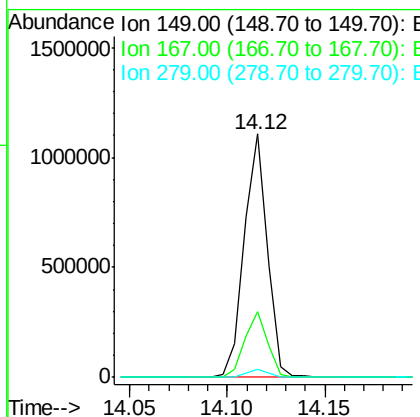
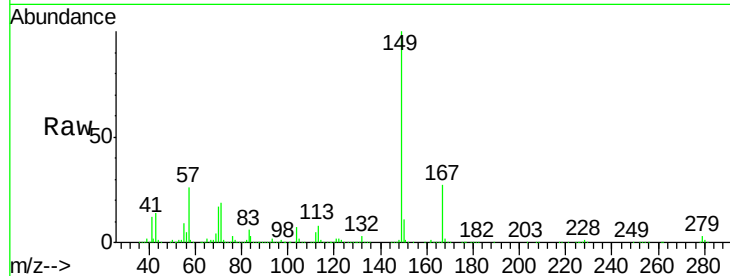
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.932 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	3.4	3.0	4.4

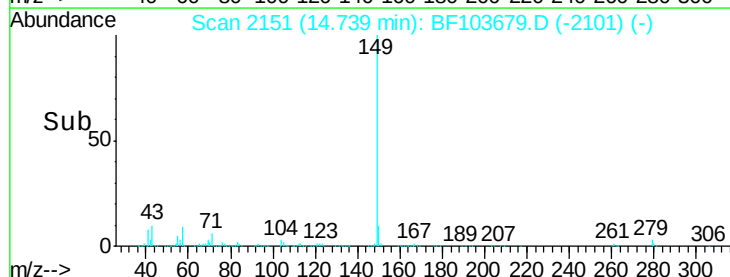
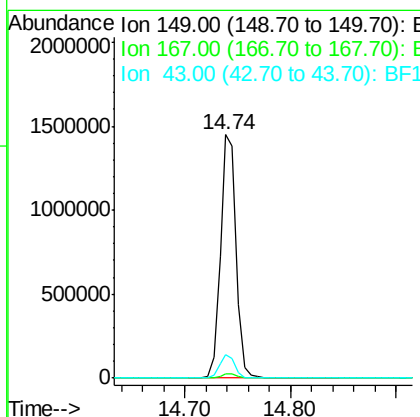
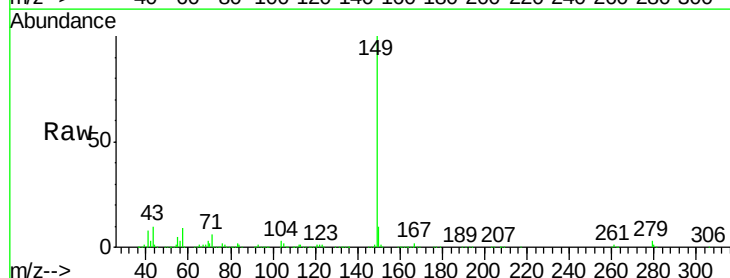
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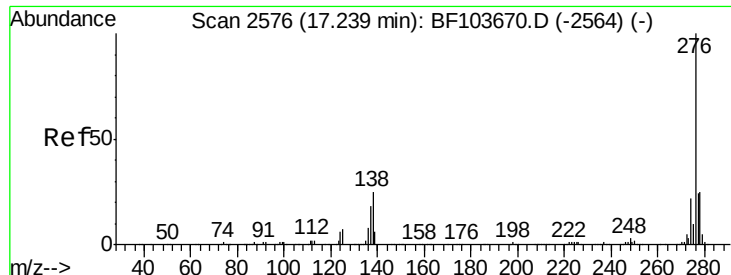
Sohil
 3/16/2018 12:06:16 PM



#84
 Di-n-octyl phthalate
 Concen: 52.112 ng
 RT: 14.74 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.5	8.4	12.6





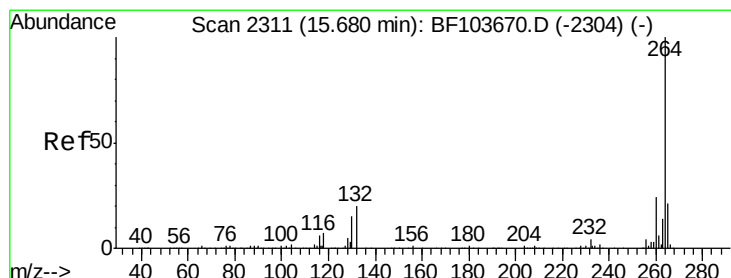
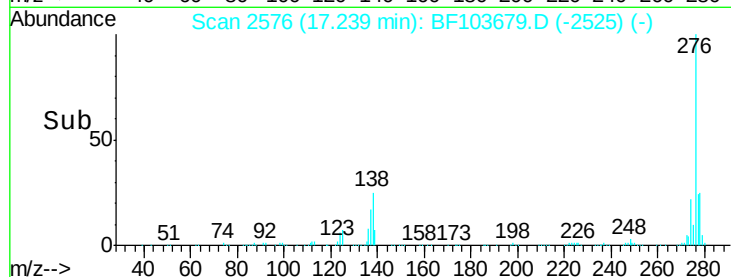
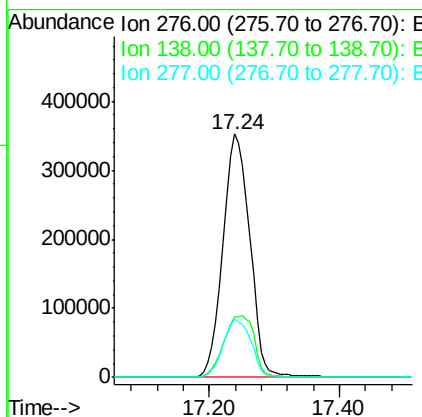
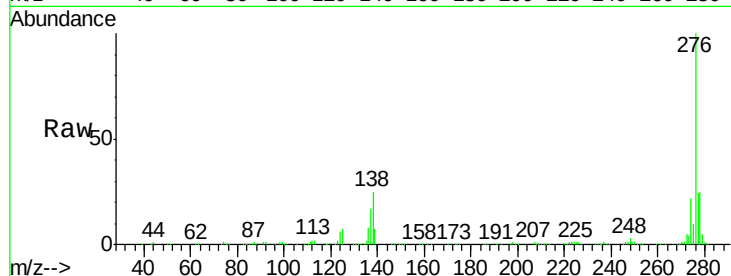
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.346 ng
 RT: 17.24 min Scan# 2576
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BS

Tot Ion:276 Resp: 1014208
 Ion Ratio Lower Upper
 276 100
 138 28.5 25.0 37.6
 277 24.9 20.1 30.1

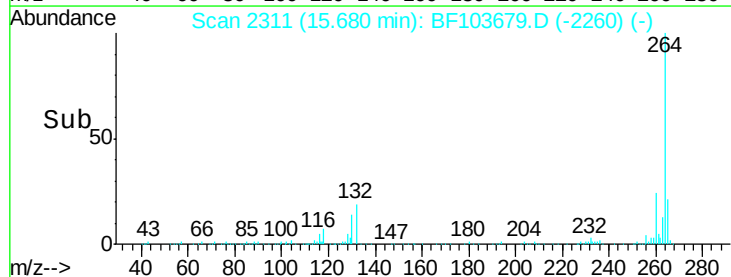
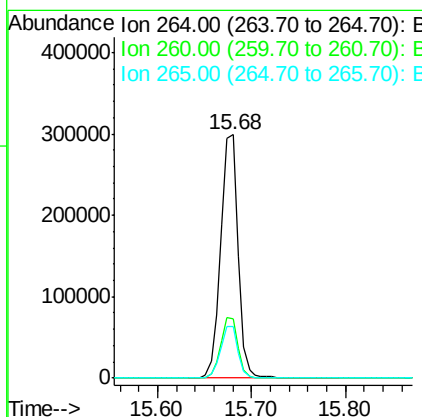
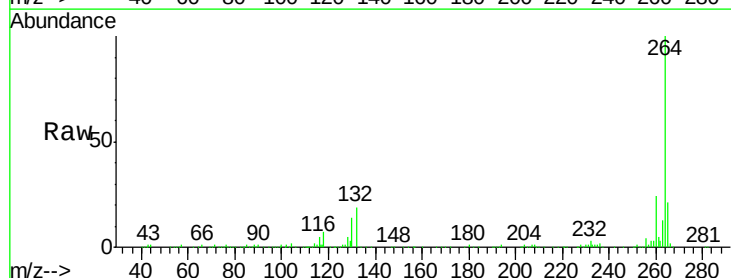
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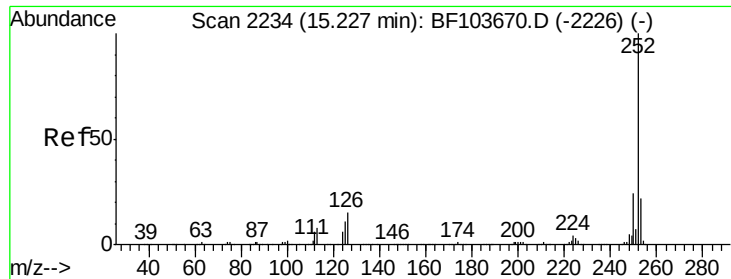
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Tgt Ion:264 Resp: 388803
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.2 17.5 26.3





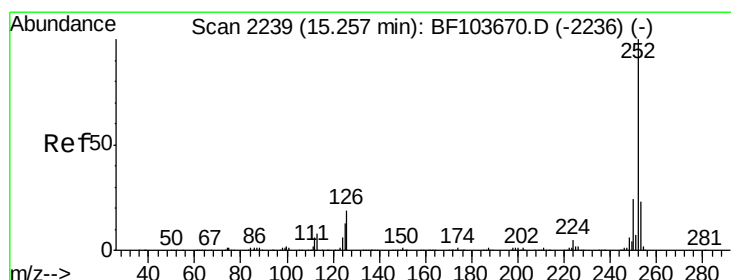
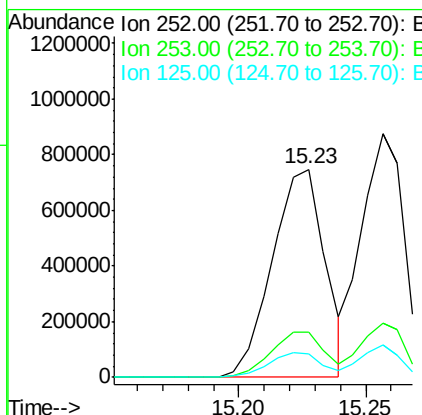
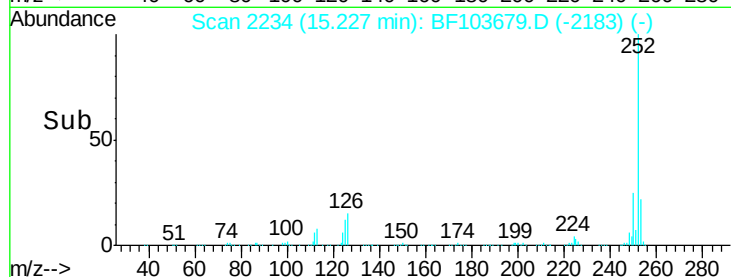
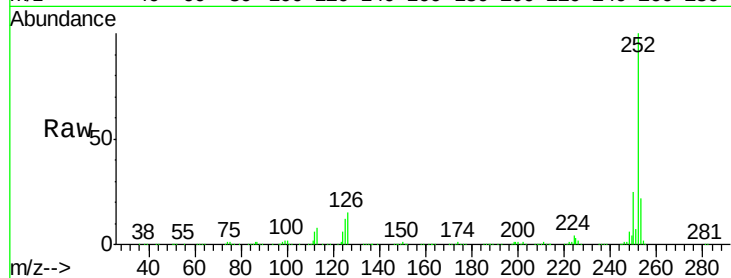
#87
Benzo(b)fluoranthene
Concen: 44.130 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Instrument :
BNA_F
ClientSampleId :
PB107343BS

Tot Ion:252 Resp: 1084004
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 11.6 9.0 13.6

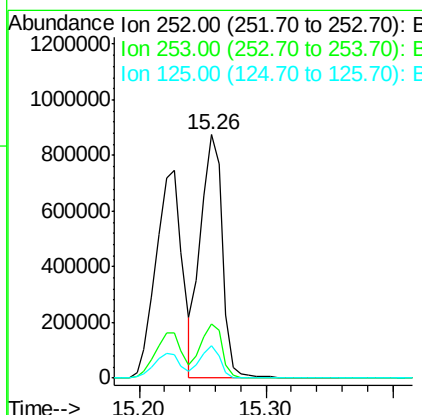
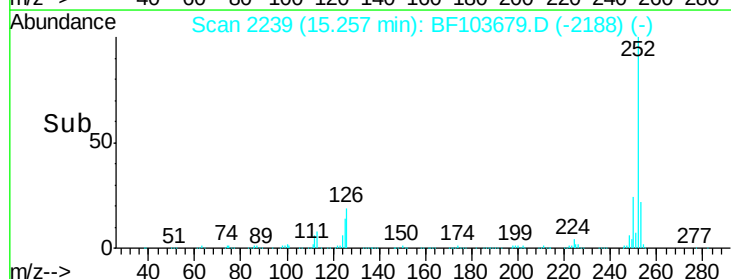
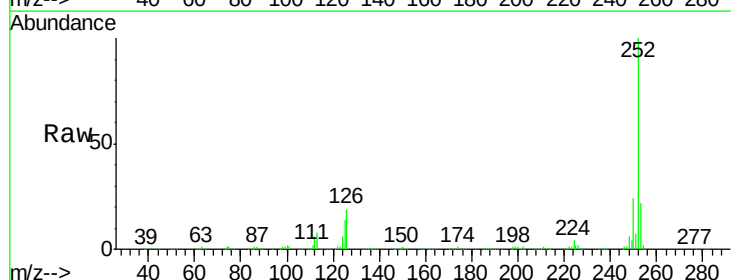
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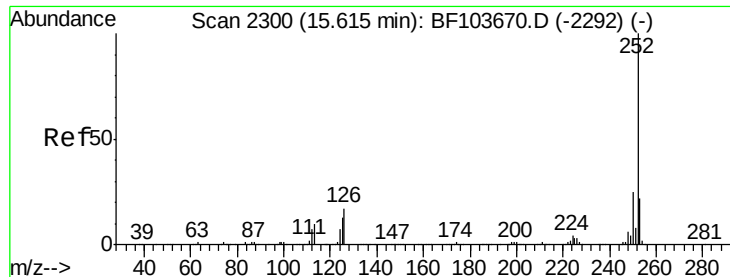
Sohil
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#88
Benzo(k)fluoranthene
Concen: 44.305 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion:252 Resp: 1046133
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 13.6 10.2 15.2





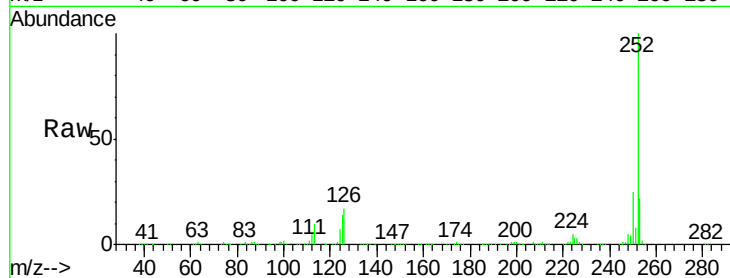
#89
Benzo(a)pyrene
Concen: 45.988 ng
RT: 15.62 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Instrument :
BNA_F
ClientSampleId :
PB107343BS

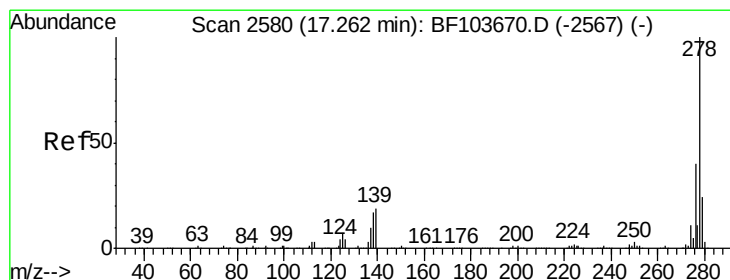
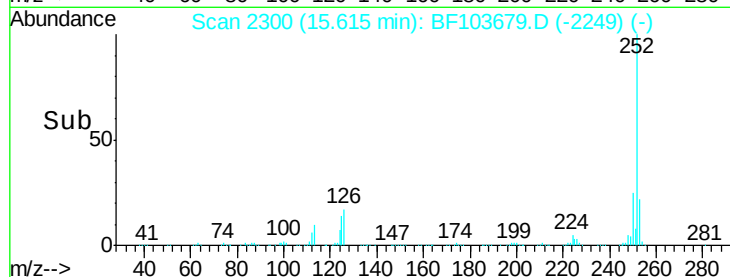
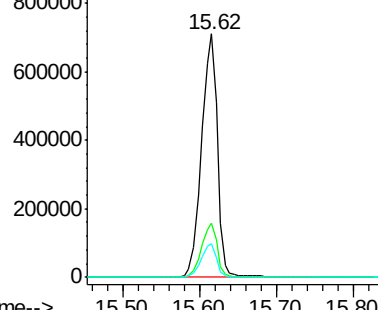
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	13.7	9.8	14.6

Manual Integrations
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3/16/2018 12:06:16 PM



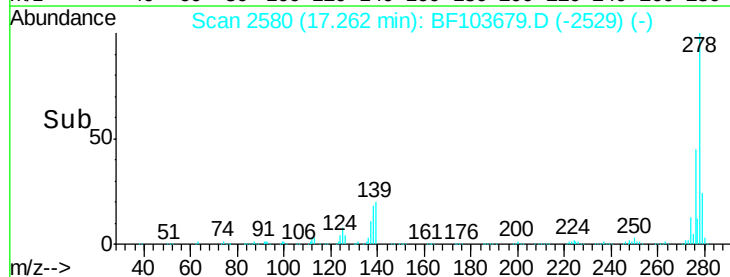
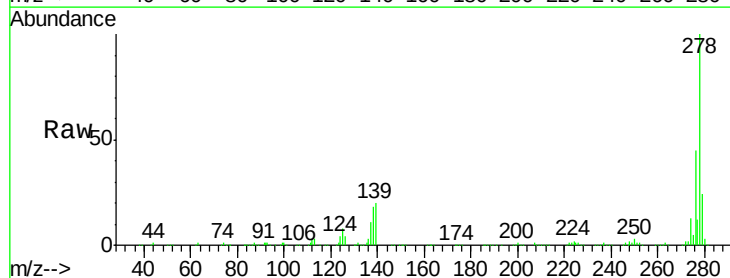
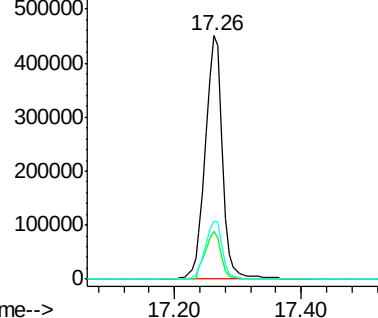
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

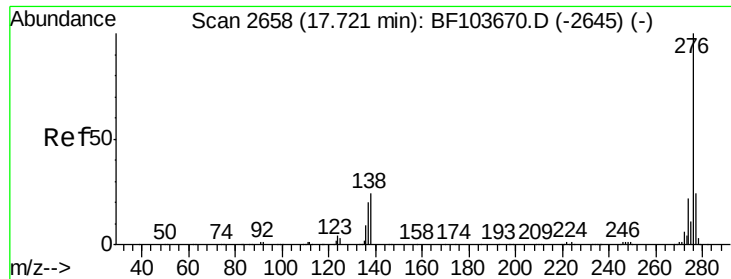


#90
Dibenzo(a,h)anthracene
Concen: 43.429 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.00 min
Lab File: BF103679.D
Acq: 15 Mar 2018 20:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	15.9	23.9
279	24.0	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: 43.929 ng
 RT: 17.72 min Scan# 2658
 Delta R.T. 0.00 min
 Lab File: BF103679.D
 Acq: 15 Mar 2018 20:15

Instrument :
 BNA_F
 ClientSampleId :
 PB107343BS

Tot Ion:	276	Resp:	824453
Ion Ratio		Lower	Upper
276	100		
277	23.9	17.9	26.9
138	24.6	21.8	32.8

Manual Integrations
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Sohil
 3/16/2018 12:06:16 PM

