

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103879.D
 Acq On : 23 Mar 2018 14:47
 Operator : JU/SJ
 Sample : J1998-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-109(15-16)MS

Manual Integrations
 APPROVED

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 3/26/2018 4:32:57 PM

Quant Time: Mar 26 12:34:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	152737	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	616879	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	278747	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	439520	20.00	ng	0.00
75) Chrysene-d12	14.17	240	278726	20.00	ng	0.00
86) Perylene-d12	15.71	264	290827	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1213644	120.86	ng	0.02
7) Phenol-d6	6.61	99	1539782	125.33	ng	0.01
23) Nitrobenzene-d5	7.55	82	953140	107.75	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	356557	148.77	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1545484	88.44	ng	0.00
78) Terphenyl-d14	13.10	244	1164670	96.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	150953	30.529	ng	# 89
3) Pyridine	3.65	79	440769	32.408	ng	87
4) n-Nitrosodimethylamine	3.61	42	172665	34.432	ng	# 70
6) Aniline	6.64	93	388397	22.140	ng	97
8) 2-Chlorophenol	6.76	128	444340	42.240	ng	97
9) Benzaldehyde	6.53	77	129276	16.017	ng	95
10) Phenol	6.62	94	563495	43.164	ng	94
11) bis(2-Chloroethyl)ether	6.71	93	428474	39.758	ng	96
12) 1,3-Dichlorobenzene	6.92	146	455048	37.980	ng	99
13) 1,4-Dichlorobenzene	6.99	146	456313	37.902	ng	100
14) 1,2-Dichlorobenzene	7.15	146	425191	38.059	ng	99
15) Benzyl Alcohol	7.12	79	383620	40.301	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	562713	36.711	ng	93
17) 2-Methylphenol	7.22	107	377076	40.252	ng	98
18) Hexachloroethane	7.49	117	157524	37.197	ng	99
19) n-Nitroso-di-n-propylamine	7.39	70	289537	36.774	ng	93
20) 3+4-Methylphenols	7.37	107	454658	38.243	ng	# 88
22) Acetophenone	7.39	105	579519	36.553	ng	# 93
24) Nitrobenzene	7.56	77	456732	43.979	ng	94
25) Isophorone	7.79	82	842249	41.130	ng	99
26) 2-Nitrophenol	7.87	139	240183	58.271	ng	91
27) 2,4-Dimethylphenol	7.90	122	393235	44.825	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	556053	44.843	ng	99
29) 2,4-Dichlorophenol	8.12	162	369585	46.307	ng	95
30) 1,2,4-Trichlorobenzene	8.20	180	367568	39.707	ng	100
31) Naphthalene	8.28	128	1227355	39.387	ng	99
32) Benzoic acid	7.97	122	39129m	14.922	ng	
33) 4-Chloroaniline	8.32	127	140997	10.785	ng	97
34) Hexachlorobutadiene	8.39	225	196320	38.681	ng	99
35) Caprolactam	8.70	113	123471m	44.926	ng	
36) 4-Chloro-3-methylphenol	8.80	107	397992	45.233	ng	98
37) 2-Methylnaphthalene	8.97	142	816160	41.301	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	343146	43.150	ng	98
40) Hexachlorocyclopentadiene	9.12	237	126106	30.732	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	248449	48.844	ng	98
43) 2,4,5-Trichlorophenol	9.29	196	266488	46.418	ng	97
45) 1,1'-Biphenyl	9.43	154	943116	40.576	ng	99
46) 2-Chloronaphthalene	9.46	162	754902	40.891	ng	99
47) 2-Nitroaniline	9.56	65	236329	48.802	ng	98
48) Acenaphthylene	9.88	152	1132024	39.543	ng	99
49) Dimethylphthalate	9.73	163	1049957	49.370	ng	99
50) 2,6-Dinitrotoluene	9.80	165	200841	48.751	ng	98
51) Acenaphthene	10.06	154	687973	40.473	ng	99
52) 3-Nitroaniline	9.97	138	148646	31.566	ng	97
53) 2,4-Dinitrophenol	10.07	184	57291	57.632	ng	# 20
54) Dibenzofuran	10.23	168	1003588	41.339	ng	100
55) 4-Nitrophenol	10.13	139	342821	87.547	ng	87
56) 2,4-Dinitrotoluene	10.21	165	260546	49.732	ng	# 85
57) Fluorene	10.57	166	763228	40.514	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	199748	49.102	ng	95
59) Diethylphthalate	10.43	149	857713	40.635	ng	98
60) 4-Chlorophenyl-phenylether	10.56	204	363340	42.202	ng	96
61) 4-Nitroaniline	10.59	138	181947	39.096	ng	97
62) Azobenzene	10.72	77	802191	37.381	ng	96
64) 4,6-Dinitro-2-methylphenol	10.62	198	58343	39.762	ng	# 77
65) n-Nitrosodiphenylamine	10.67	169	698943	46.719	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	212621	47.116	ng	# 88
67) Hexachlorobenzene	11.12	284	224375	43.563	ng	96
68) Atrazine	11.20	200	214328	46.312	ng	99
69) Pentachlorophenol	11.32	266	224407	75.785	ng	98
70) Phenanthrene	11.54	178	991386	41.234	ng	99
71) Anthracene	11.59	178	1020101	41.774	ng	98
72) Carbazole	11.75	167	928458	39.119	ng	99
73) Di-n-butylphthalate	12.06	149	1242837	43.641	ng	100
74) Fluoranthene	12.73	202	873483	35.264	ng	100
76) Benzidine	12.85	184	523513	44.038	ng	98
77) Pyrene	12.96	202	855136	41.776	ng	100
79) Butylbenzylphthalate	13.57	149	423242	46.669	ng	92
80) Benzo(a)anthracene	14.16	228	742308	42.073	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	264323	44.789	ng	99
82) Chrysene	14.19	228	699238	41.575	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	580489	44.805	ng	99
84) Di-n-octyl phthalate	14.75	149	982812	52.143	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.29	276	670258	45.634	ng	98
87) Benzo(b)fluoranthene	15.25	252	733924	39.944	ng	99
88) Benzo(k)fluoranthene	15.28	252	736666	41.709	ng	99
89) Benzo(a)pyrene	15.64	252	704453	42.271	ng	98
90) Dibenzo(a,h)anthracene	17.31	278	570081	39.506	ng	99
91) Benzo(g,h,i)perylene	17.78	276	519310	36.992	ng	95

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

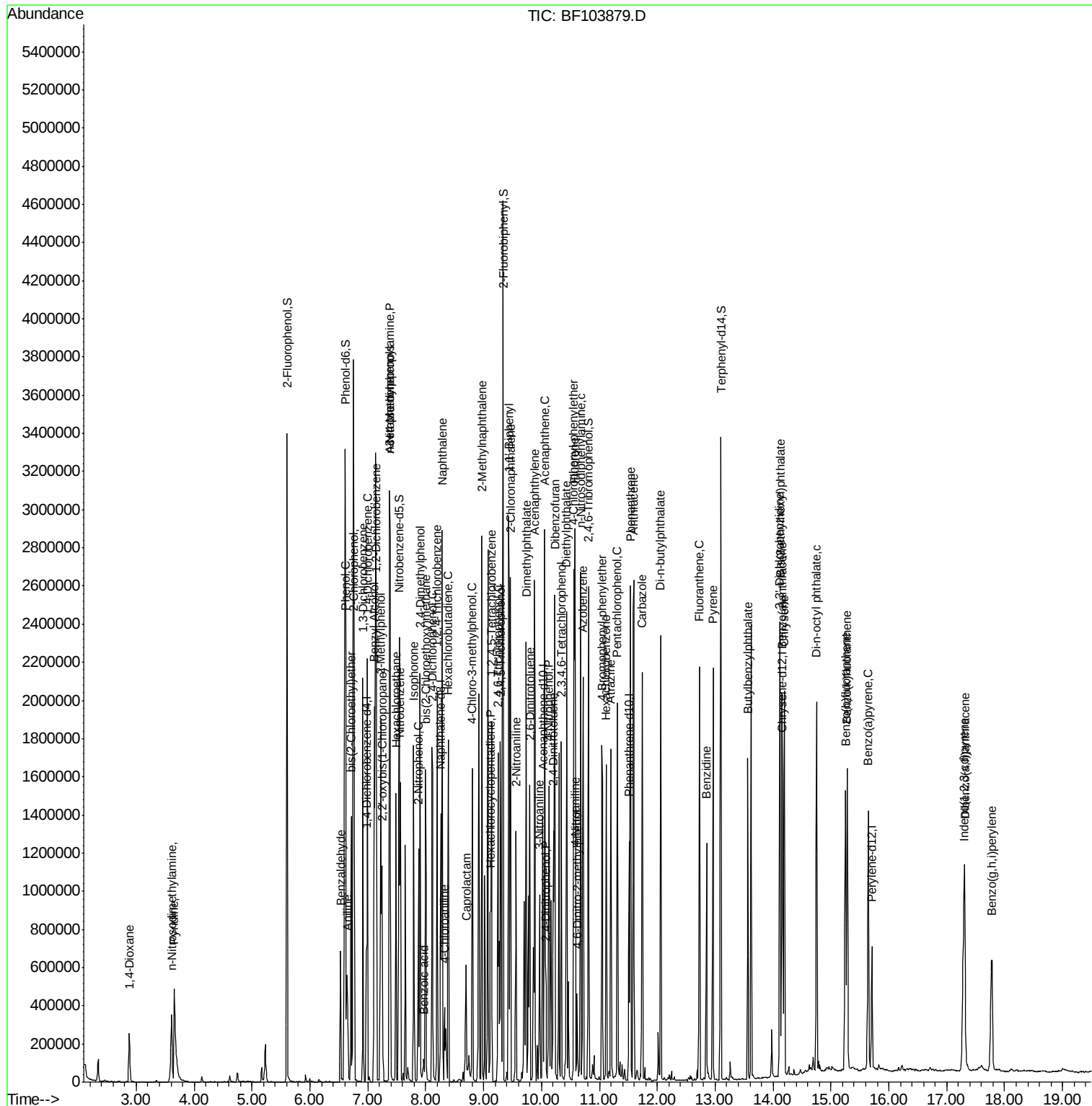
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Operator  : JU/SJ
Sample    : J1998-04MS
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ALS Vial  : 15      Sample Multiplier: 1
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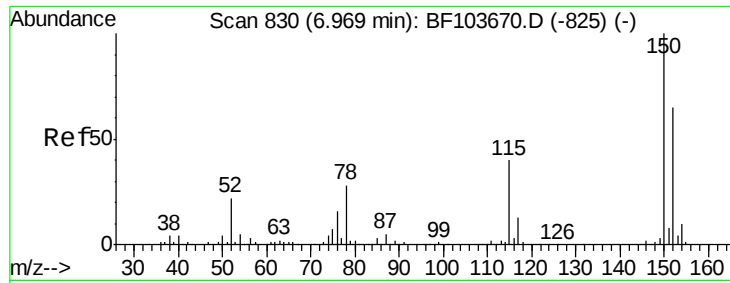
Instrument :
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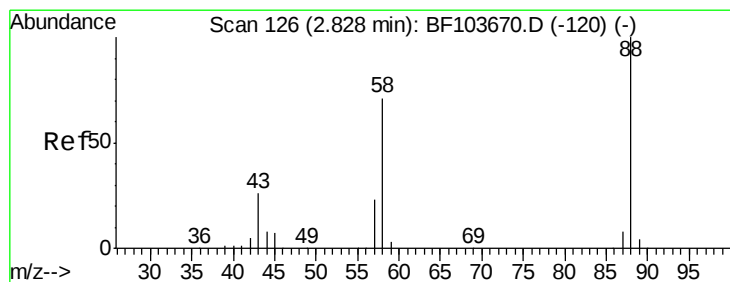
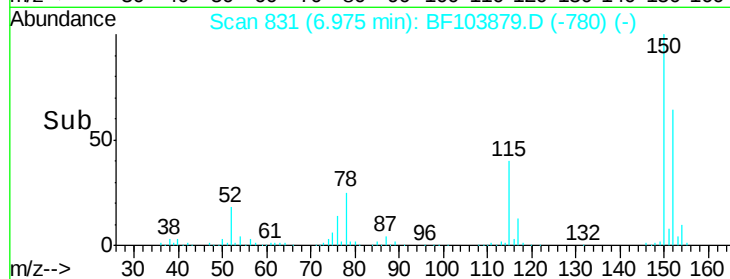
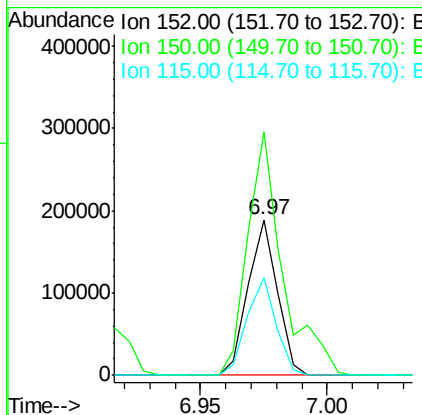
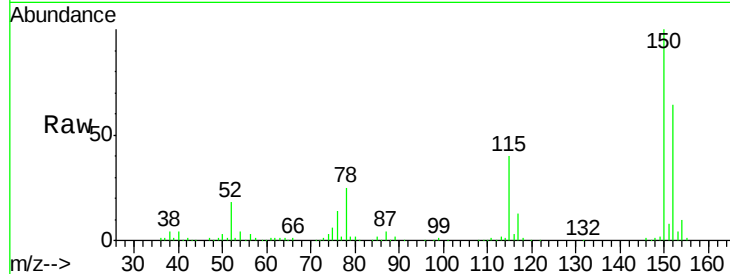
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampleId :
SB-109(15-16)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	62.7	50.1	75.1

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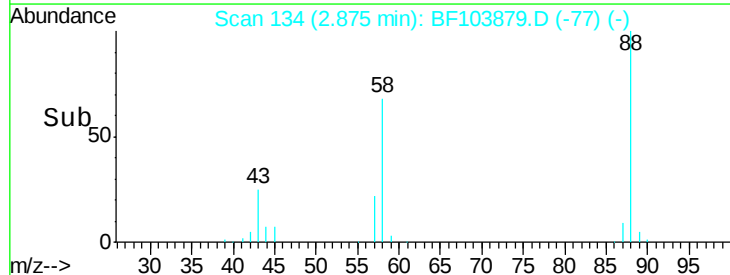
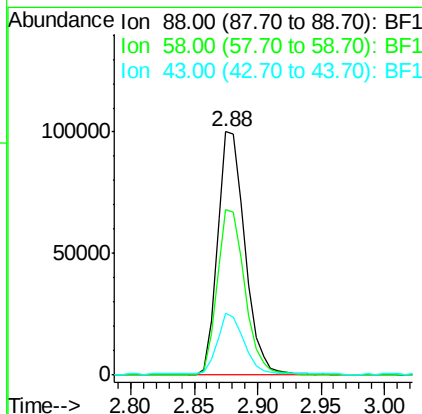
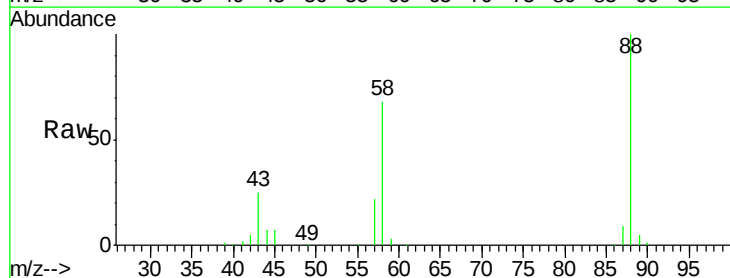
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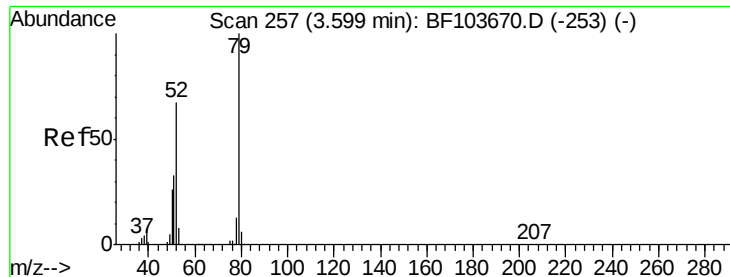


#2

1,4-Dioxane
Concen: 30.529 ng
RT: 2.88 min Scan# 134
Delta R.T. 0.04 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	62.6	93.8
43	24.4	24.6	37.0





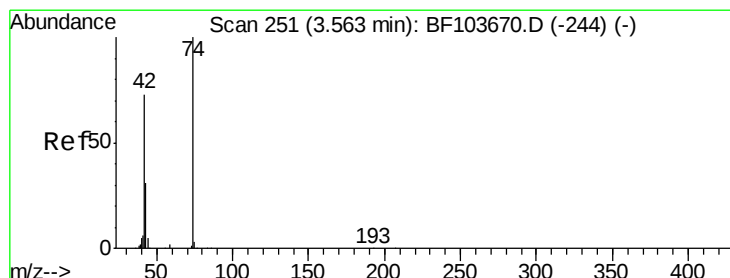
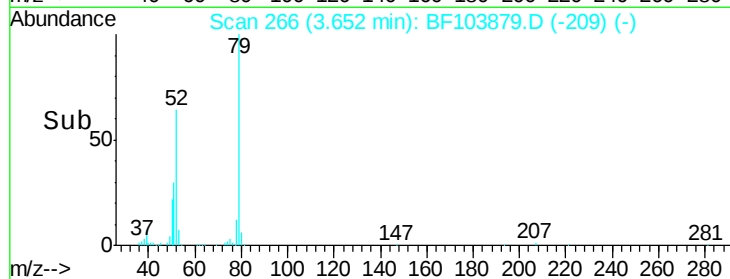
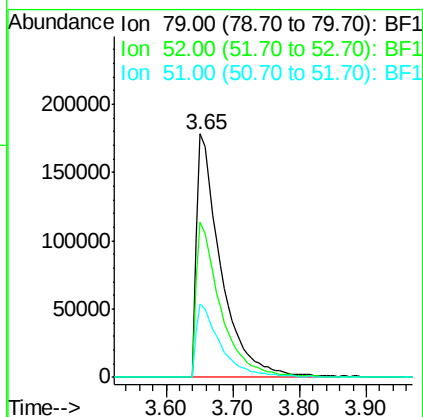
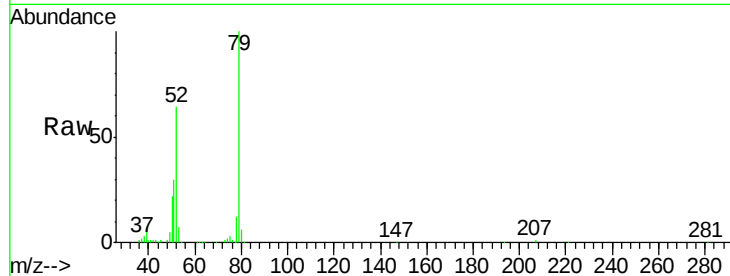
#3
 Pvridine
 Concen: 32.408 ng
 RT: 3.65 min Scan# 266
 Delta R.T. 0.04 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-109(15-16)MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.7	59.8	89.6
51	30.1	29.8	44.8

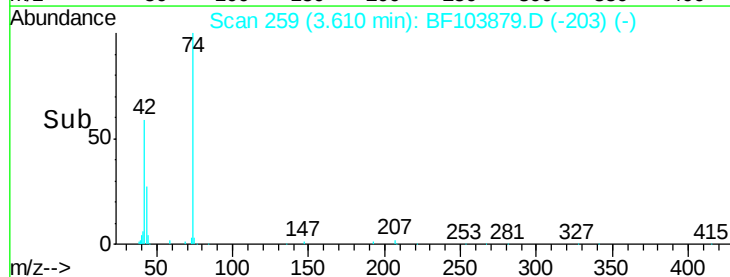
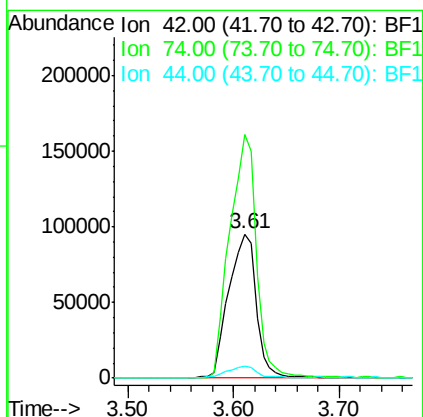
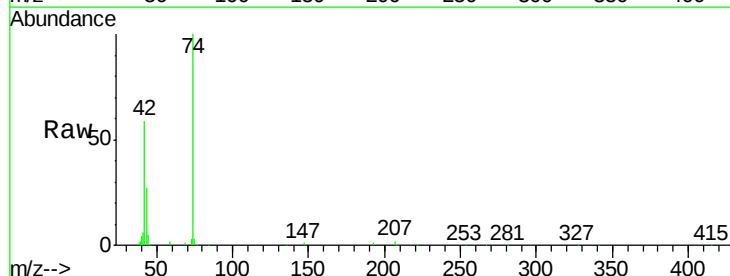
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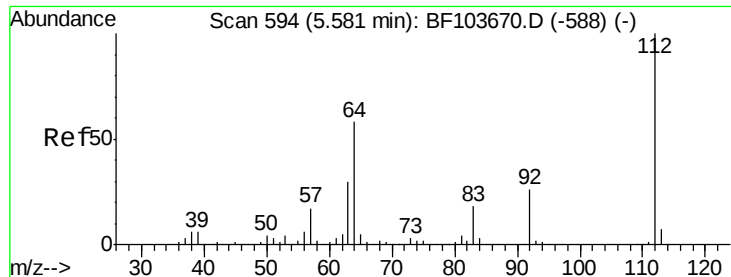
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#4
 n-Nitrosodimethylamine
 Concen: 34.432 ng
 RT: 3.61 min Scan# 259
 Delta R.T. 0.03 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	168.9	104.9	157.3#
44	8.0	6.9	10.3





#5

2-Fluorophenol

Concen: 120.858 ng

RT: 5.61 min Scan# 599

Delta R.T. 0.02 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

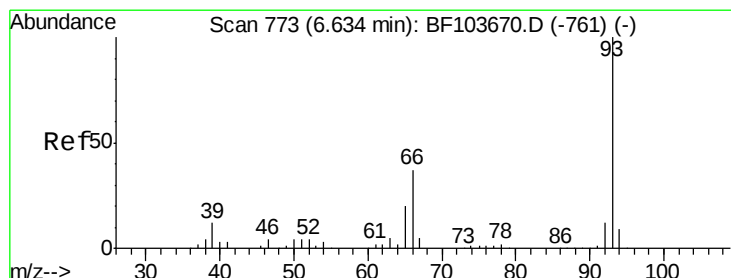
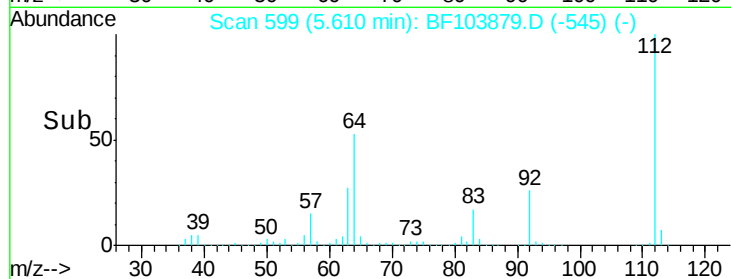
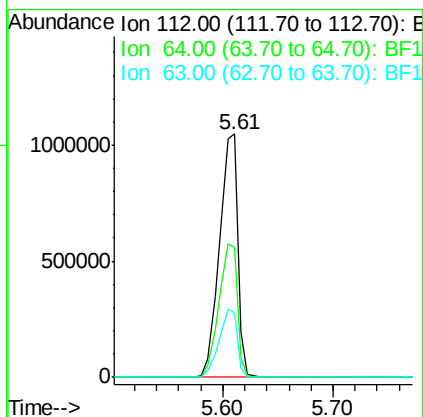
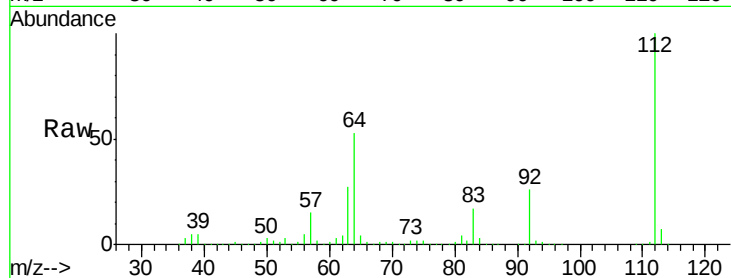
ClientSampleId :

SB-109(15-16)MS

Tot Ion:	112	Resp:	1213644
Ion Ratio	Lower	Upper	
112	100		
64	53.1	47.9	71.9
63	26.5	23.7	35.5

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#6

Aniline

Concen: 22.140 ng

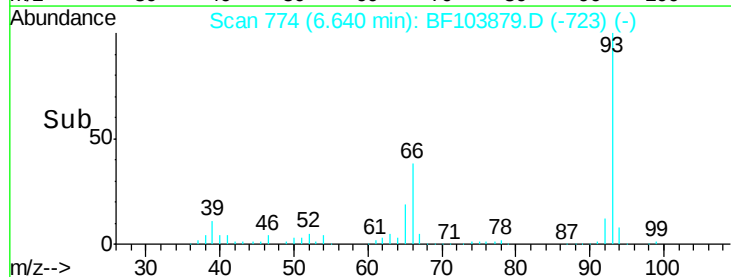
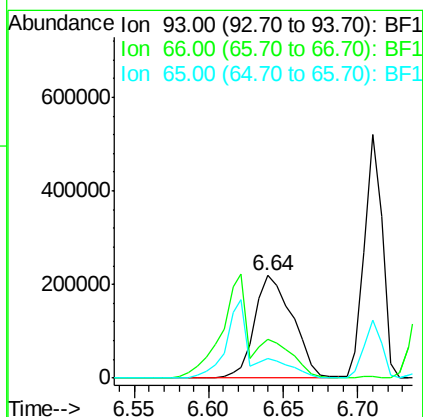
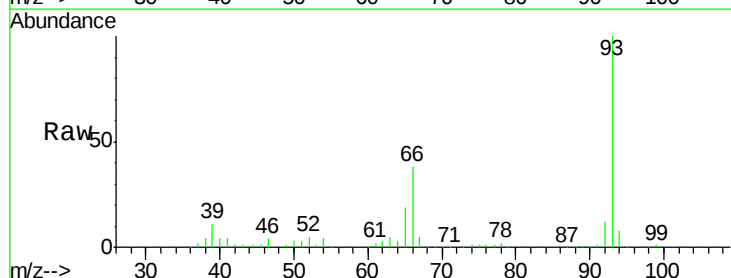
RT: 6.64 min Scan# 774

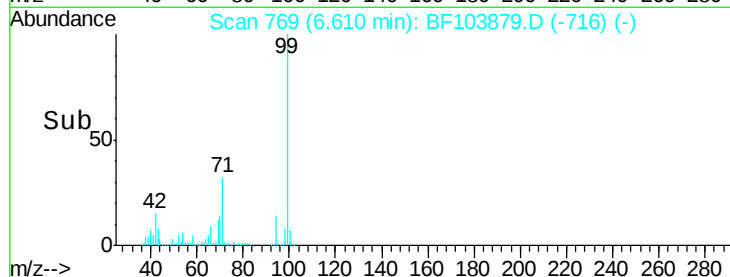
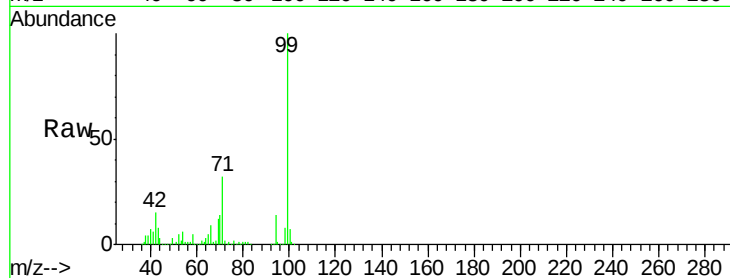
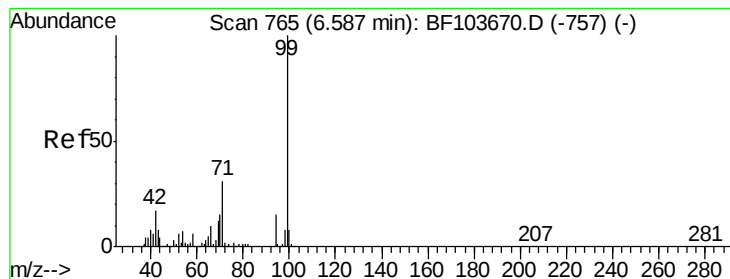
Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Tgt Ion:	93	Resp:	388397
Ion Ratio	Lower	Upper	
93	100		
66	38.1	32.2	48.2
65	19.4	16.4	24.6





#7

Phenol-d6

Concen: 125.332 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Tot Ion: 99 Resp: 1539782

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

71 32.2 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

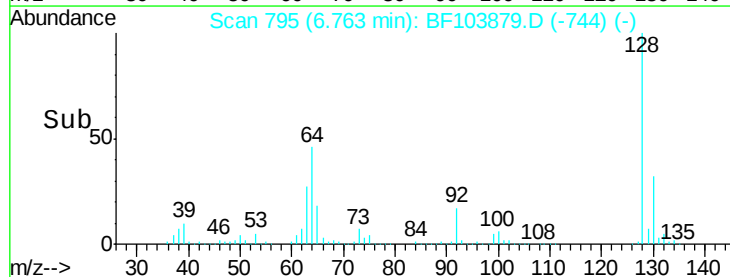
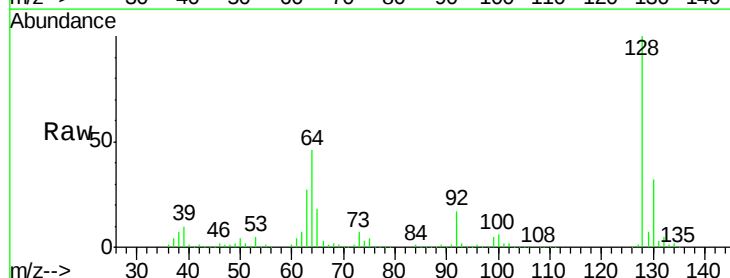
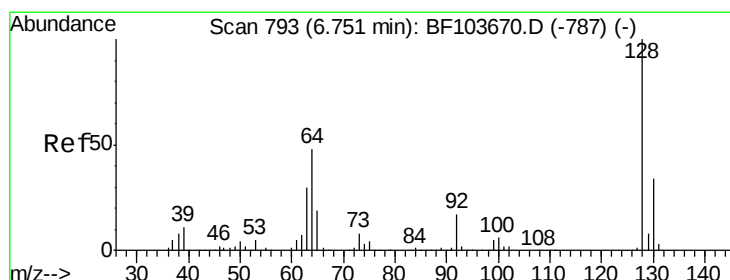
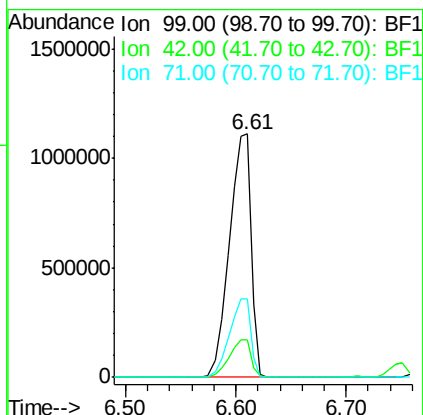
SB-109(15-16)MS

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#8

2-Chlorophenol

Concen: 42.240 ng

RT: 6.76 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

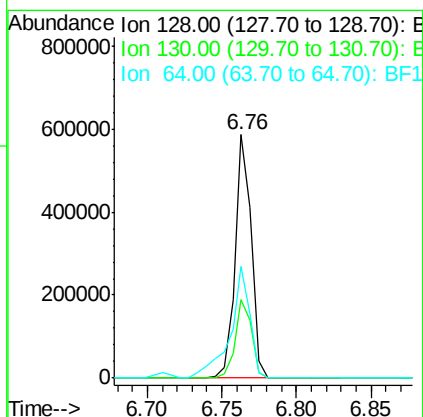
Tgt Ion:128 Resp: 444340

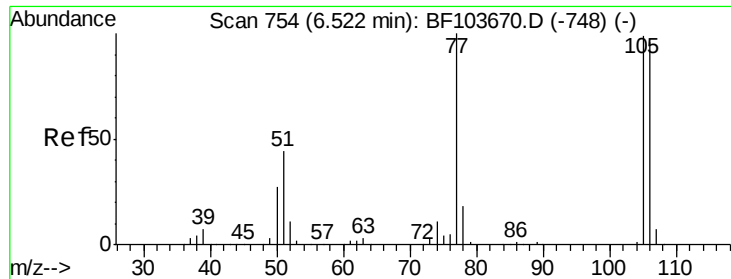
Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

64 46.0 29.4 69.4





#9

Benzaldehyde

Concen: 16.017 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

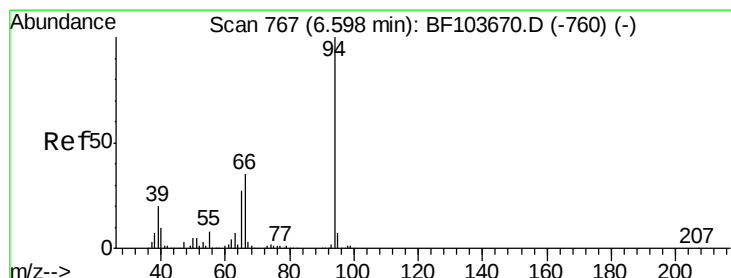
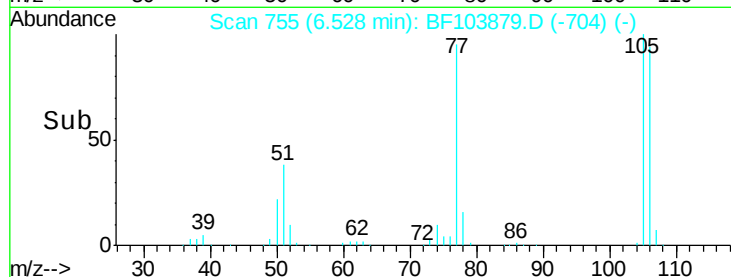
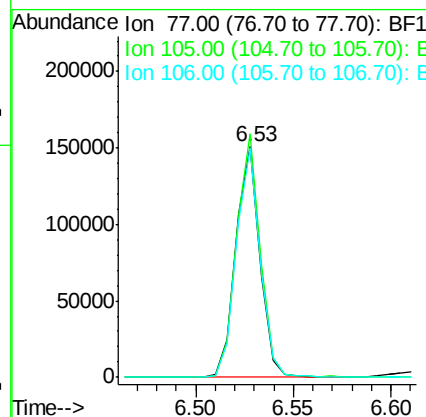
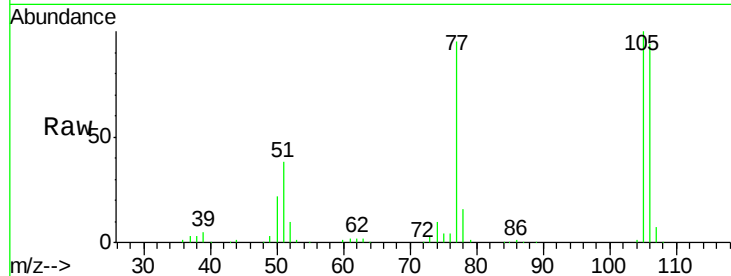
ClientSampleId :

SB-109(15-16)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	105.6	81.1	121.1		
106	99.5	74.5	114.5		

Manual Integrations
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#10

Phenol

Concen: 43.164 ng

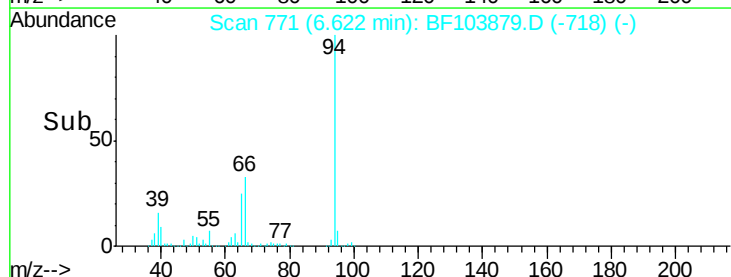
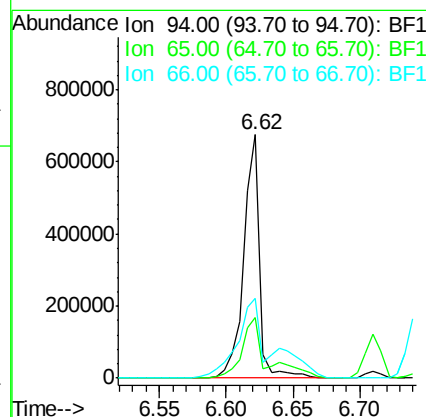
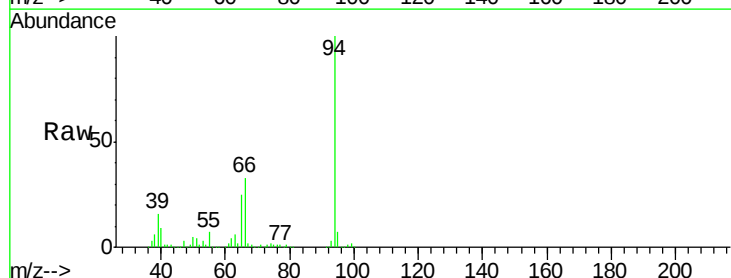
RT: 6.62 min Scan# 771

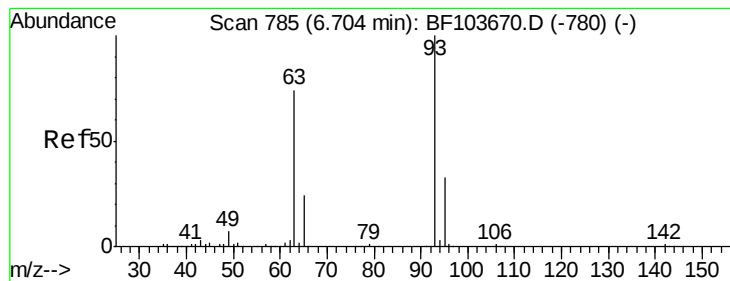
Delta R.T. 0.01 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	24.6	7.9	47.9		
66	32.8	16.2	56.2		





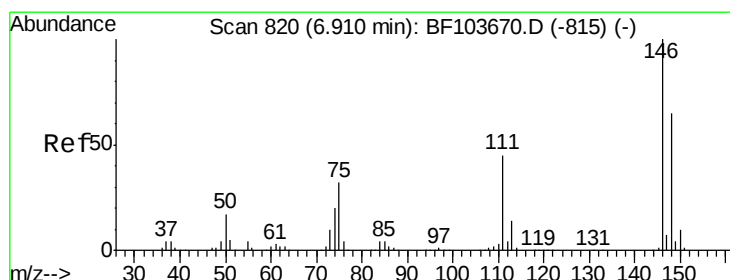
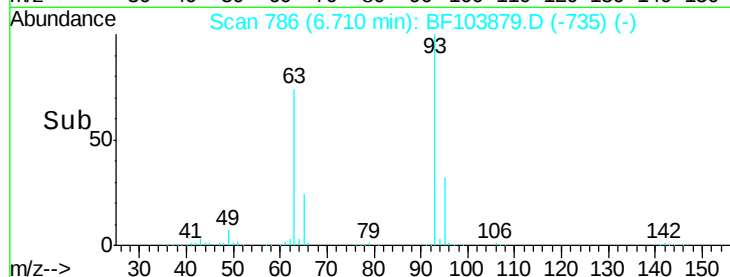
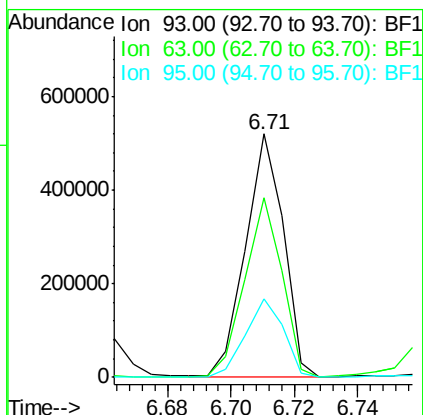
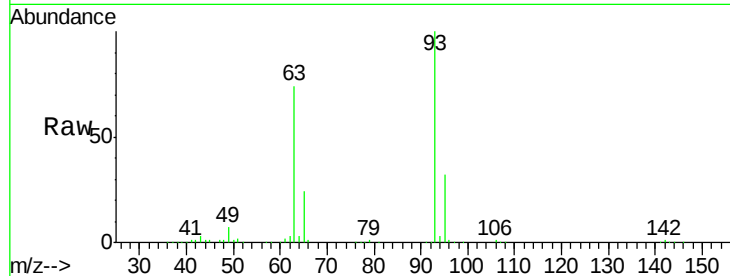
#11
bis(2-Chloroethyl)ether
Concen: 39.758 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampleId :
SB-109(15-16)MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	428474		
63	73.8		58.6	98.6
95	32.2		11.8	51.8

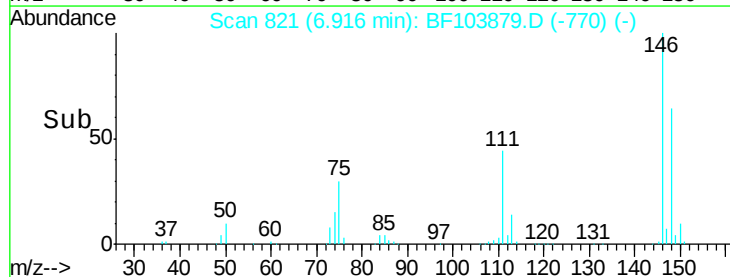
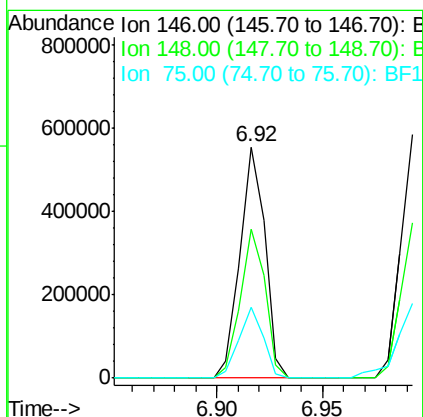
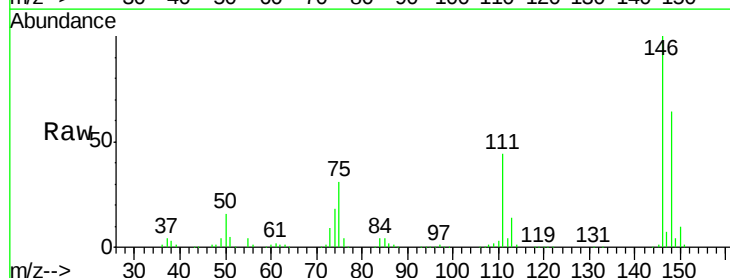
Manual Integrations
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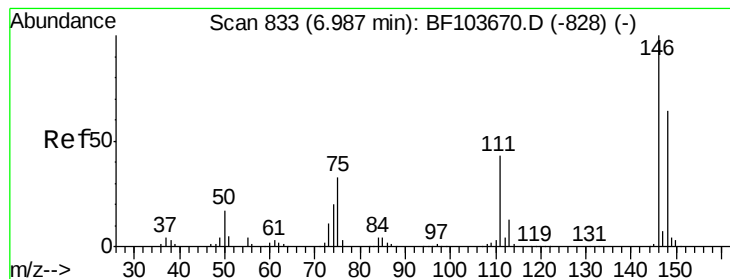
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#12
1,3-Dichlorobenzene
Concen: 37.980 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	455048		
148	64.2		51.8	77.8
75	30.8		24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 37.902 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

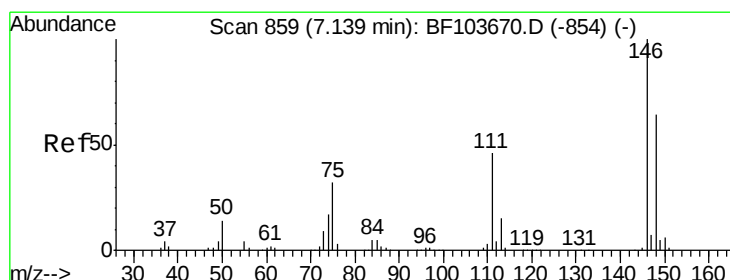
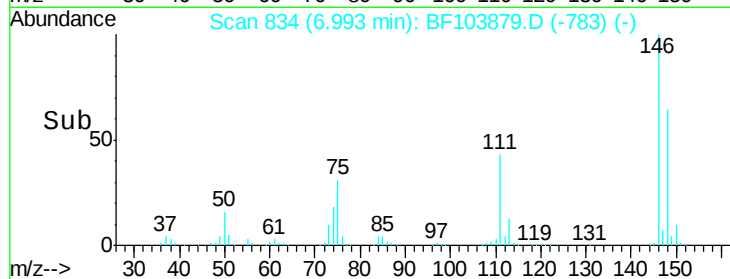
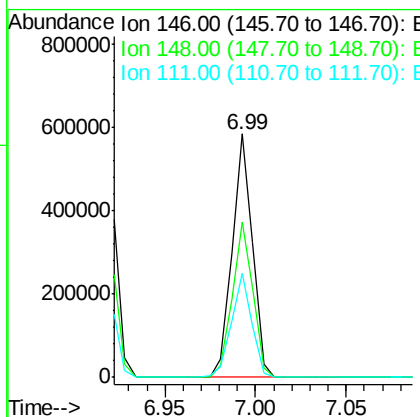
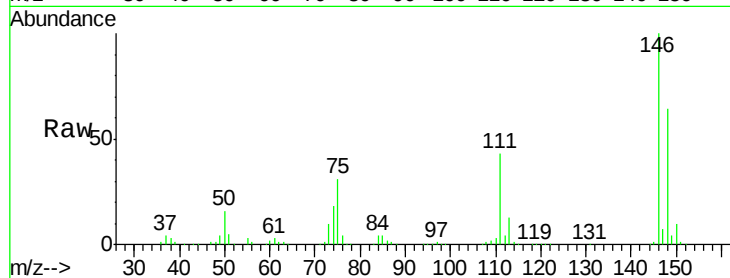
ClientSampleId :

SB-109(15-16)MS

Tot Ion:	146	Resp:	456313
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.8	76.2
111	42.6	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 38.059 ng

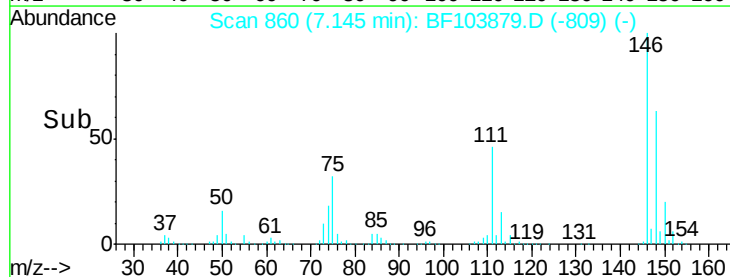
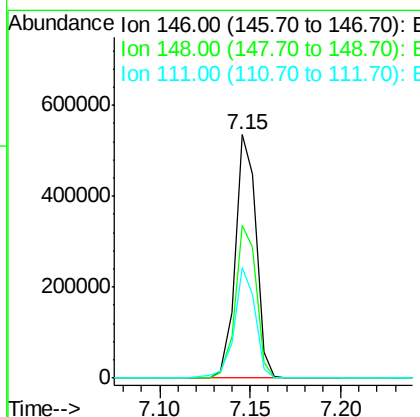
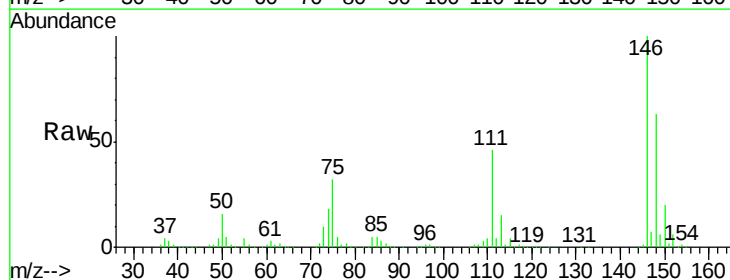
RT: 7.15 min Scan# 860

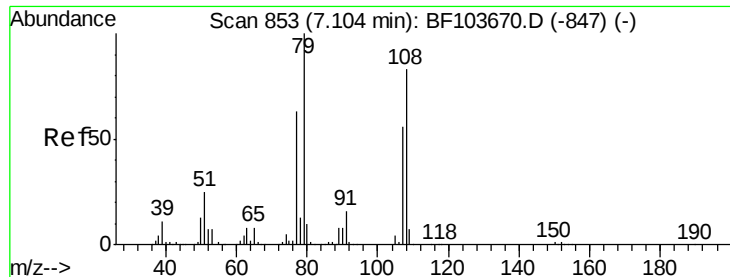
Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Tgt Ion:	146	Resp:	425191
Ion Ratio	Lower	Upper	
146	100		
148	62.8	50.6	75.8
111	45.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 40.301 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

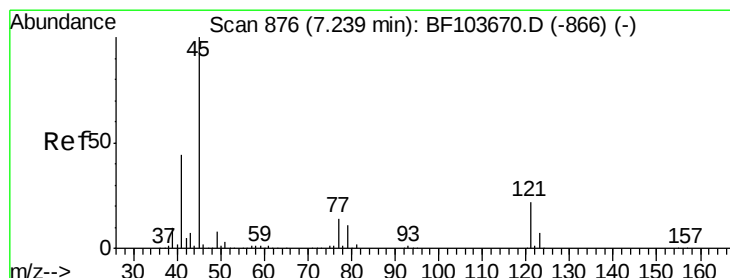
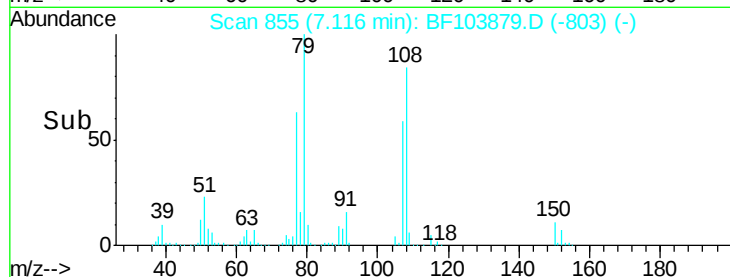
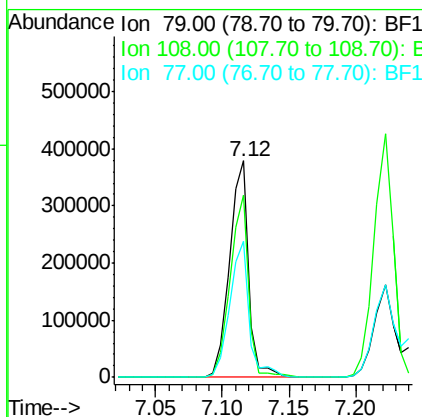
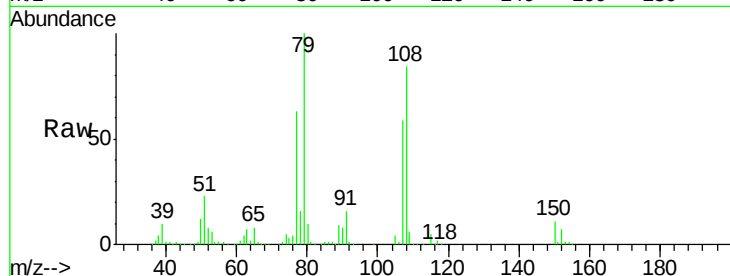
ClientSampleId :

SB-109(15-16)MS

Tot Ion:	79	Resp:	383620
Ion Ratio	Lower	Upper	
79	100		
108	84.4	65.1	97.7
77	63.0	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.711 ng

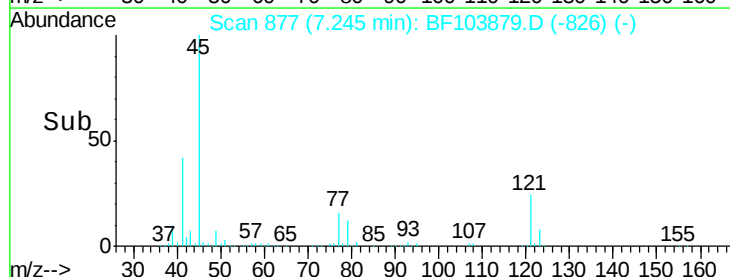
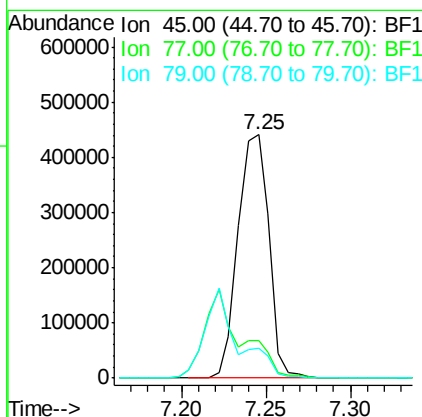
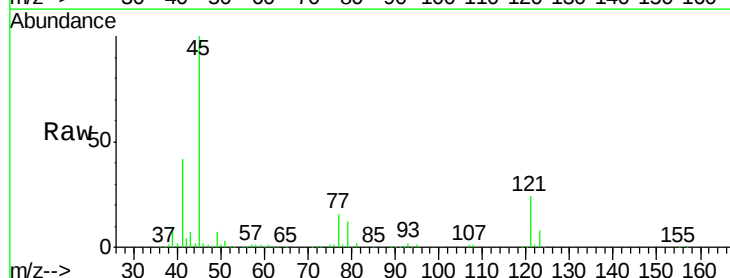
RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Tgt Ion:	45	Resp:	562713
Ion Ratio	Lower	Upper	
45	100		
77	15.5	0.0	32.9
79	12.2	0.0	29.6





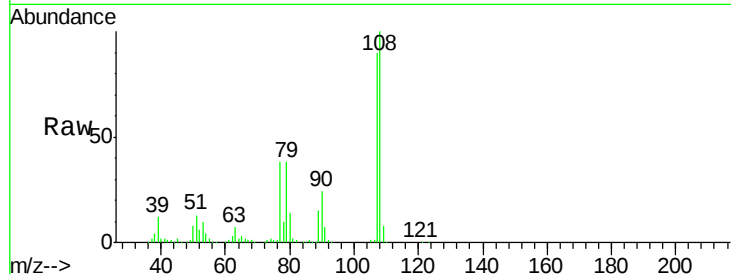
#17
2-Methylphenol
Concen: 40.252 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampleId :
SB-109(15-16)MS

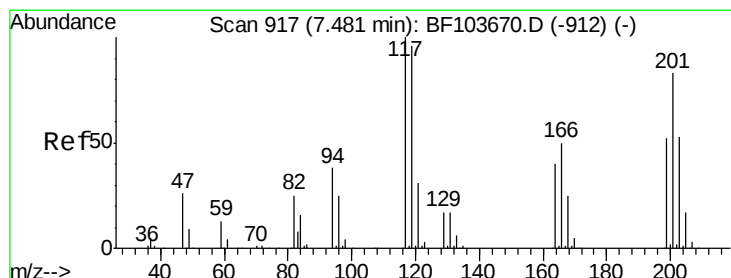
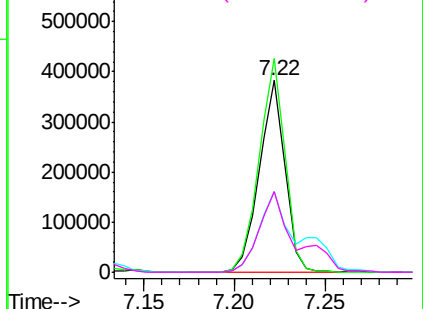
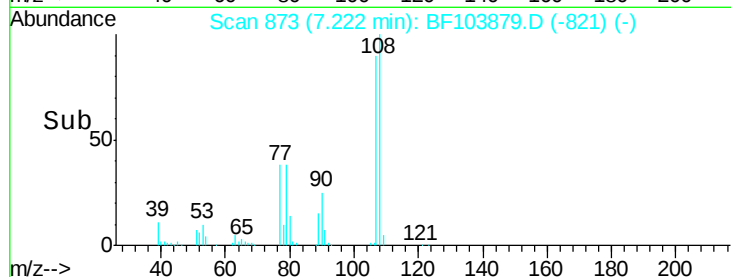
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	111.6	91.7	137.5	
77	77	42.2	33.8	50.8	
79	79	42.4	33.8	50.8	

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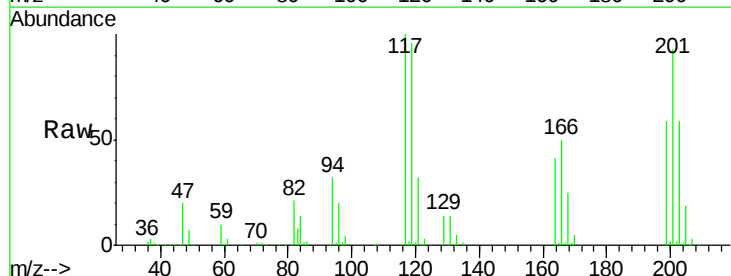


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

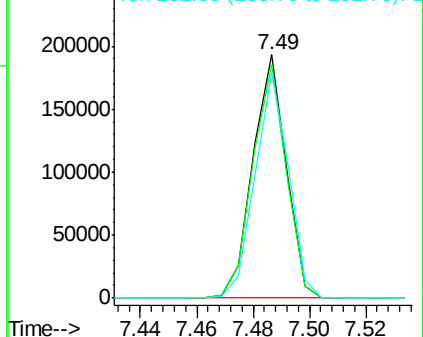
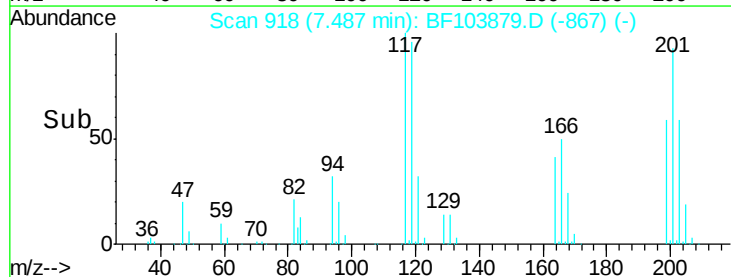


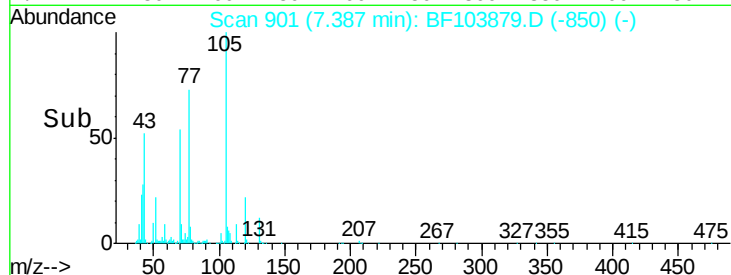
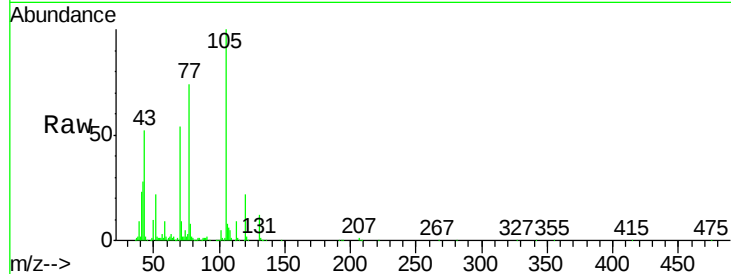
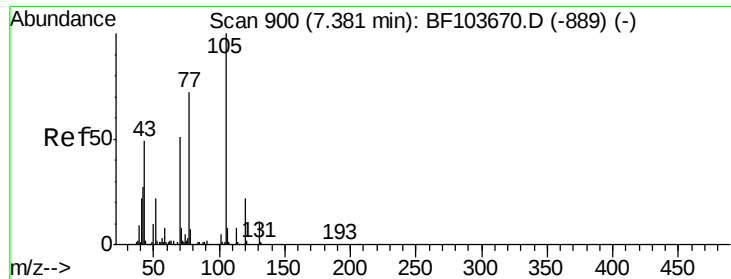
#18
Hexachloroethane
Concen: 37.197 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	95.7	75.8	113.8	
201	201	92.7	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





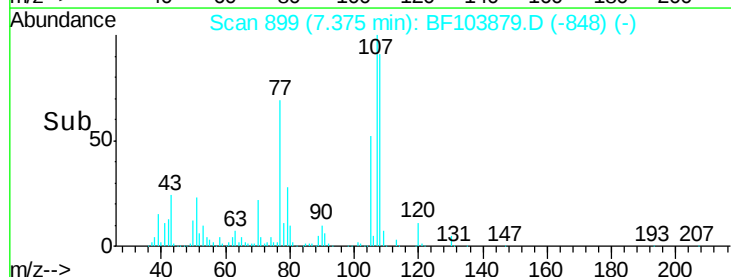
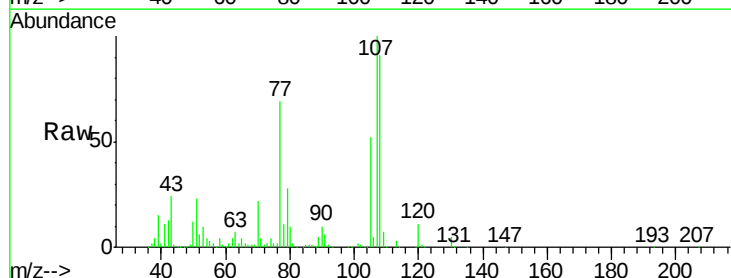
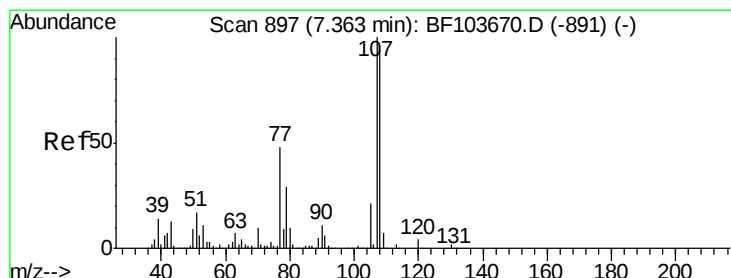
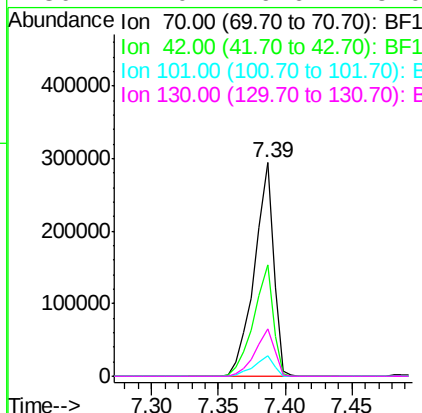
#19
n-Nitroso-di-n-propylamine
Concen: 36.774 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampleId :
SB-109(15-16)MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.3	47.5	71.3	
101	9.7	7.4	11.2	
130	22.0	16.6	25.0	

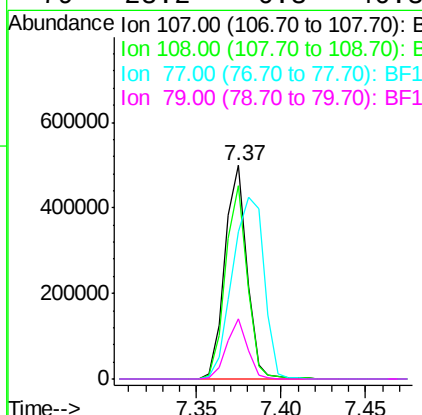
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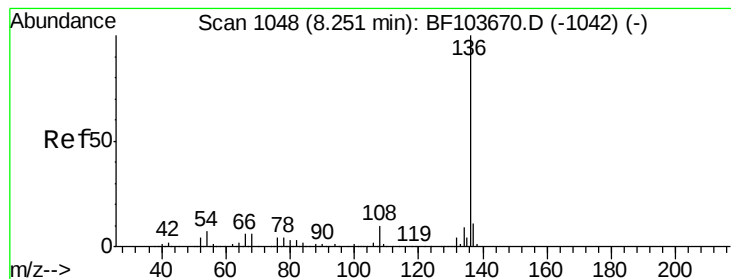
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#20
3+4-Methylphenols
Concen: 38.243 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.6	68.2	108.2	
77	68.7	26.7	66.7#	
79	28.2	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

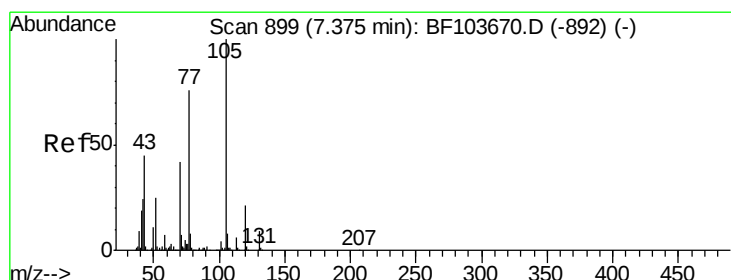
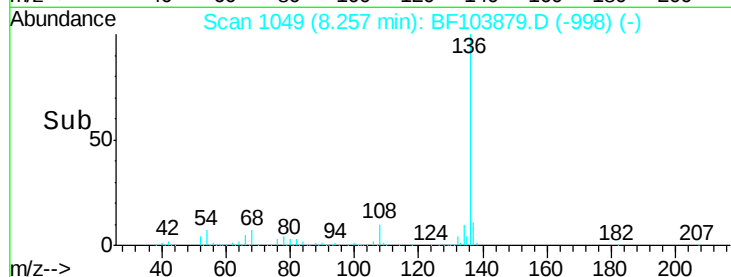
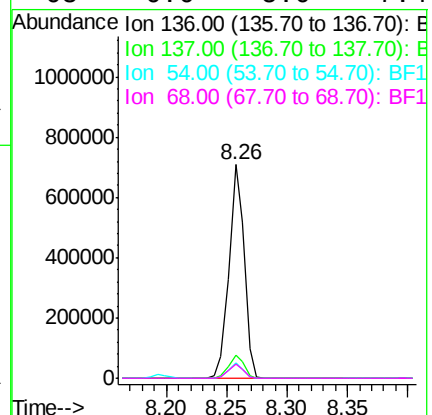
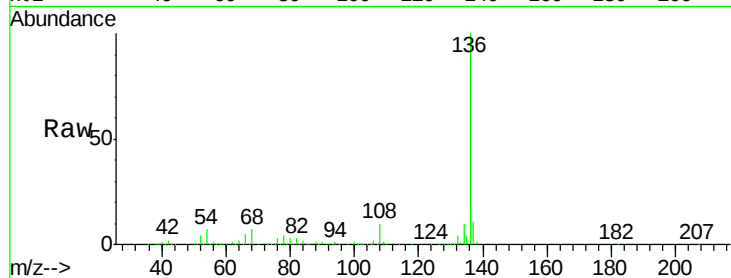
ClientSampleId :

SB-109(15-16)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	616879		
137	10.9		8.9	13.3
54	7.4		6.6	9.8
68	6.6		5.0	7.4

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#22

Acetophenone

Concen: 36.553 ng

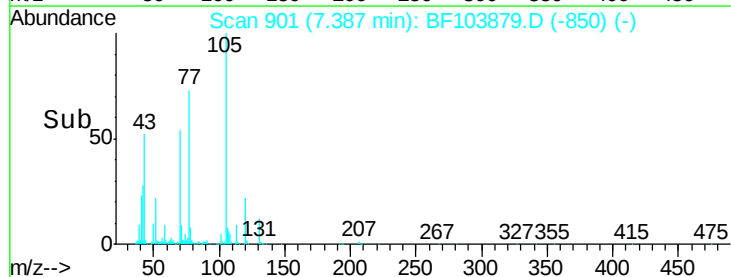
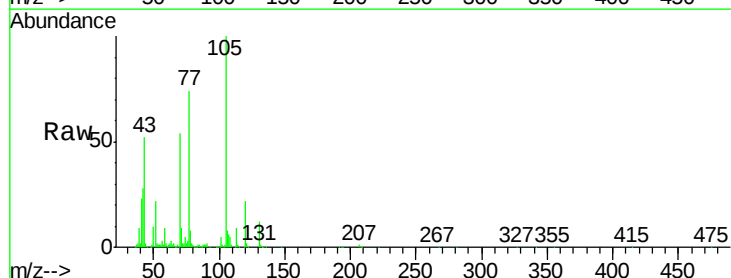
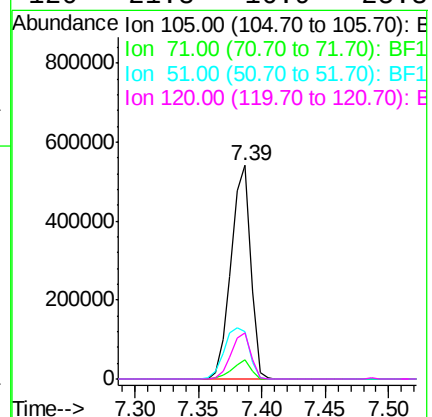
RT: 7.39 min Scan# 901

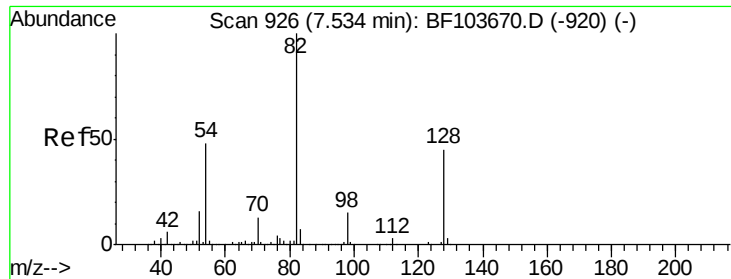
Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	579519		
71	9.2		4.4	6.6#
51	22.2		22.3	33.5#
120	21.8		16.9	25.3





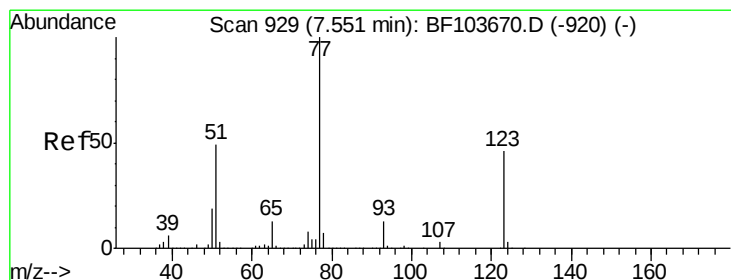
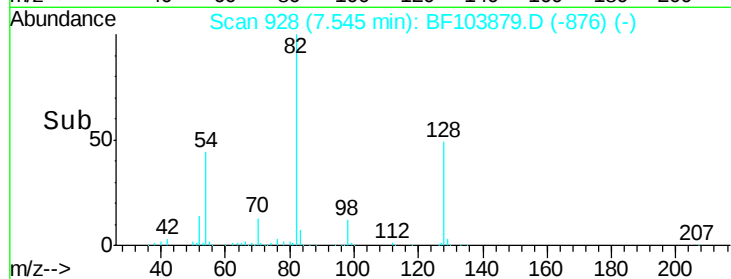
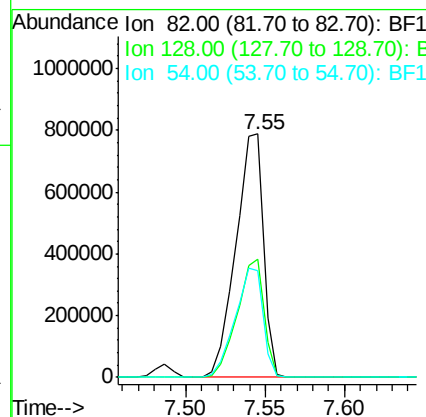
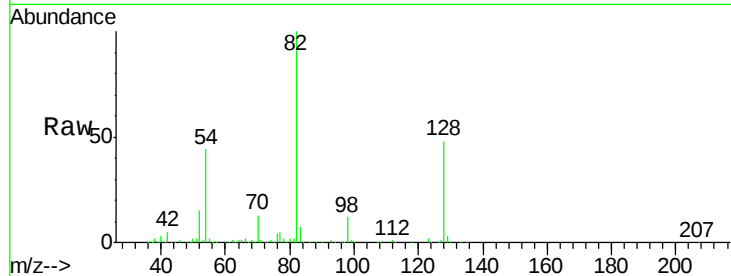
#23
 Nitrobenzene-d5
 Concen: 107.749 ng
 RT: 7.55 min Scan# 928
 Delta R.T. 0.01 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-109(15-16)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.1	54.1
54	43.9	41.4	62.2

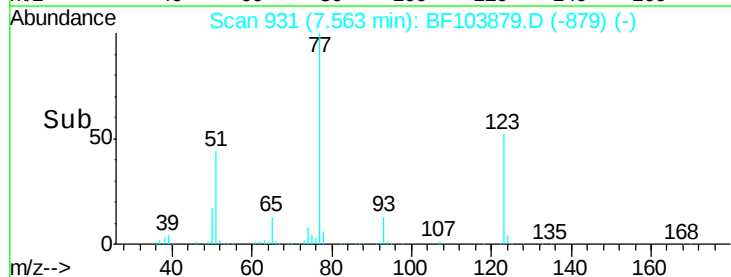
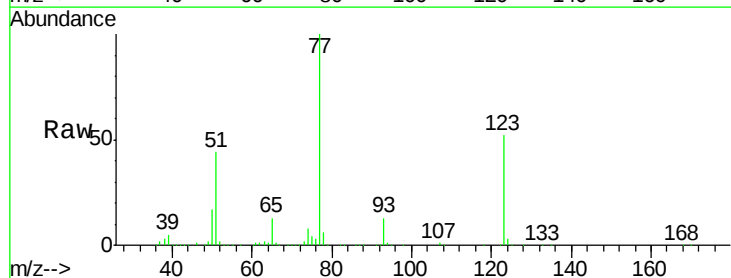
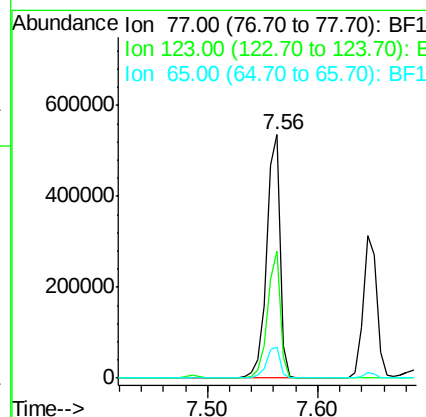
Manual Integrations
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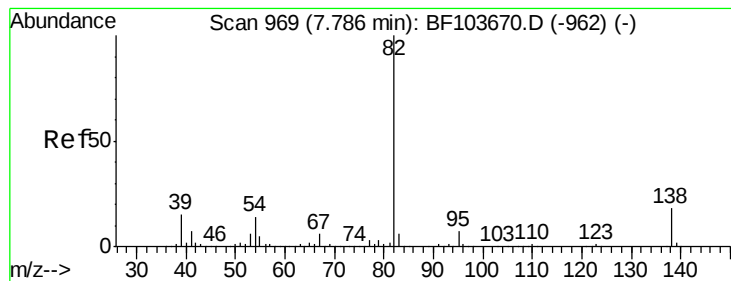
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#24
 Nitrobenzene
 Concen: 43.979 ng
 RT: 7.56 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.5	37.9	56.9
65	12.9	11.0	16.4





#25

Isophorone

Concen: 41.130 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

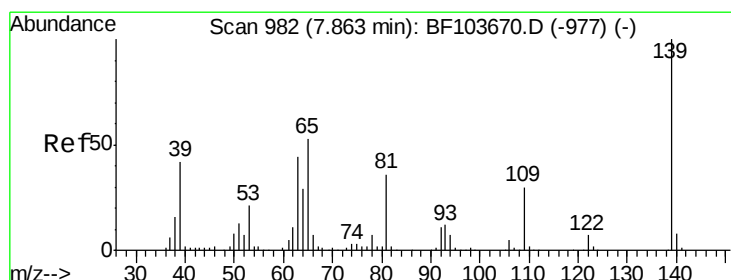
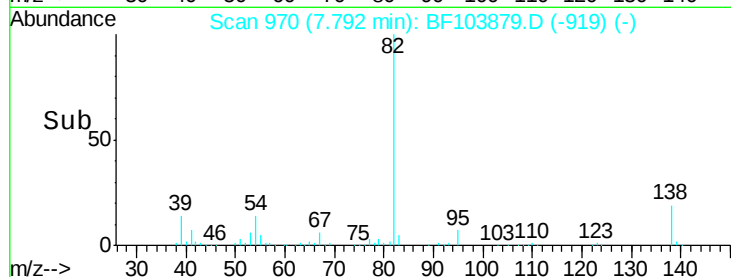
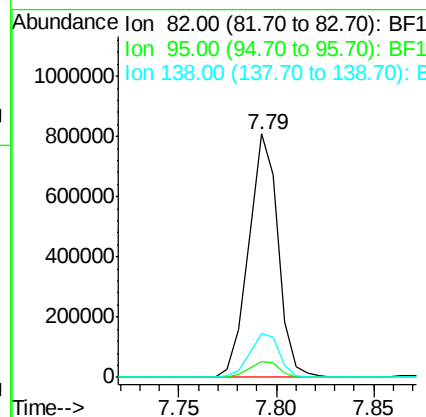
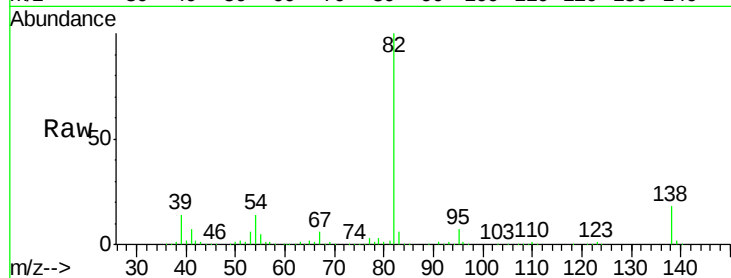
ClientSampleId :

SB-109(15-16)MS

Tot Ion:	82	Resp:	842249
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.2	7.8
138	18.1	14.9	22.3

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#26

2-Nitrophenol

Concen: 58.271 ng

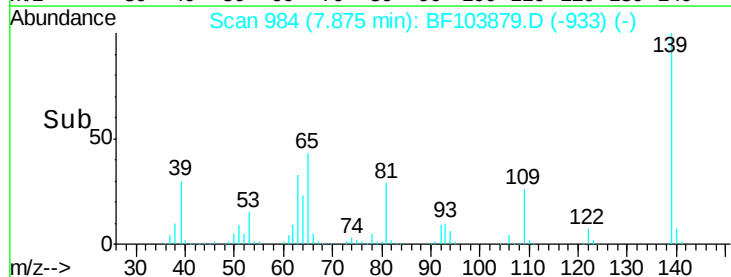
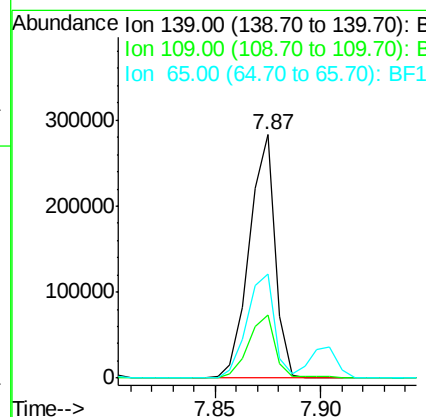
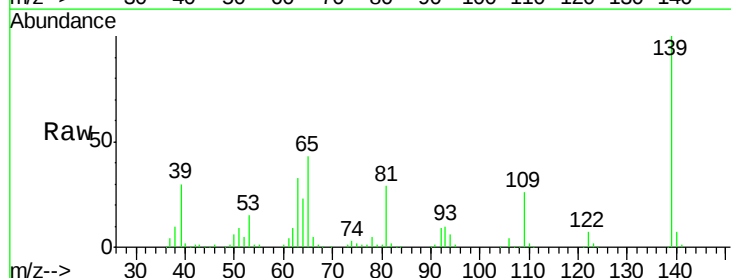
RT: 7.87 min Scan# 984

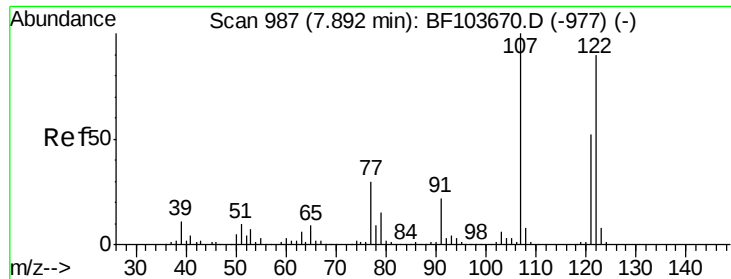
Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Tgt Ion:	139	Resp:	240183
Ion Ratio		Lower	Upper
139	100		
109	26.1	22.7	34.1
65	42.7	40.5	60.7





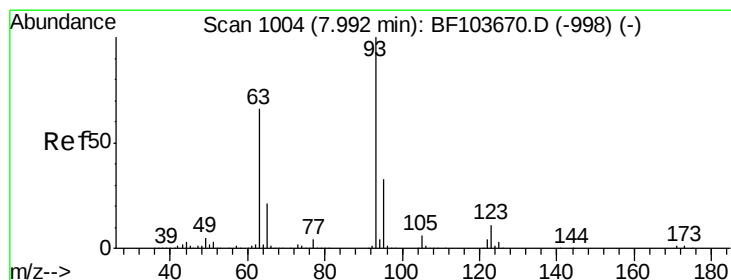
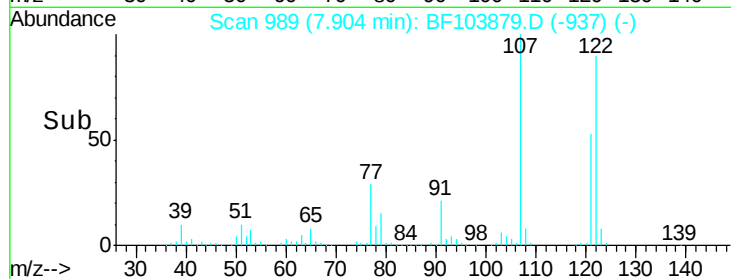
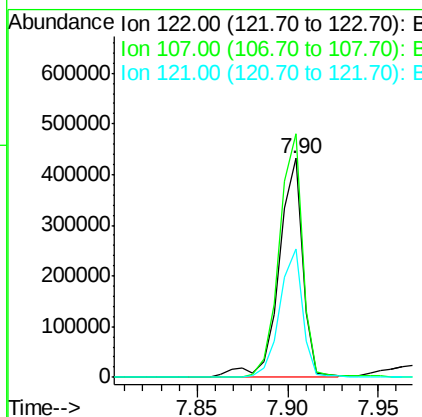
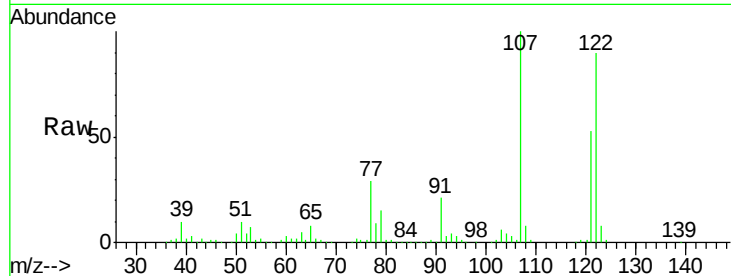
#27
2,4-Dimethylphenol
Concen: 44.825 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampleId :
SB-109(15-16)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.2	91.2	136.8
121	58.6	47.2	70.8

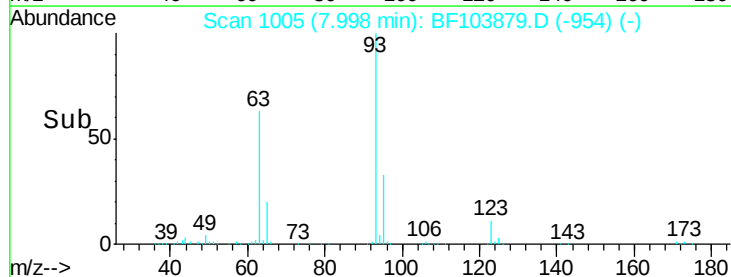
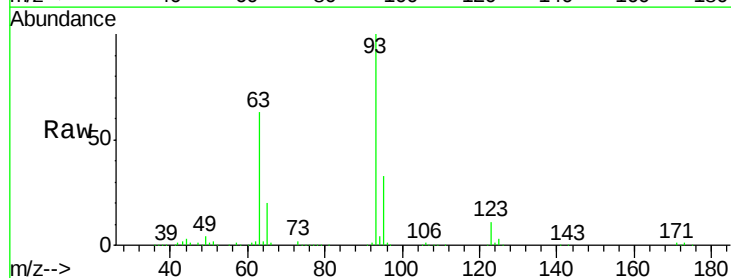
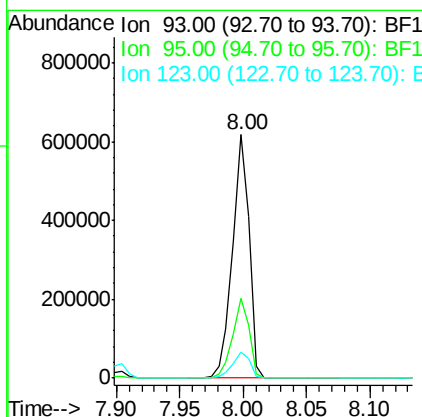
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 44.843 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	10.9	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 46.307 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

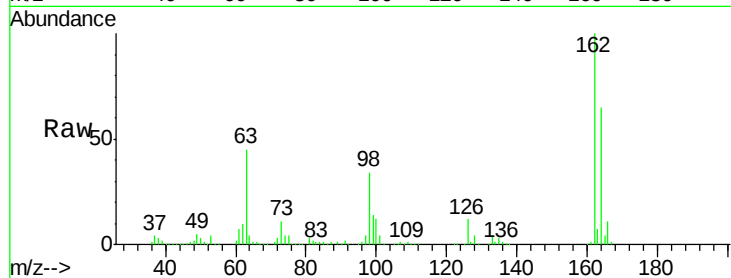
ClientSampleId :

SB-109(15-16)MS

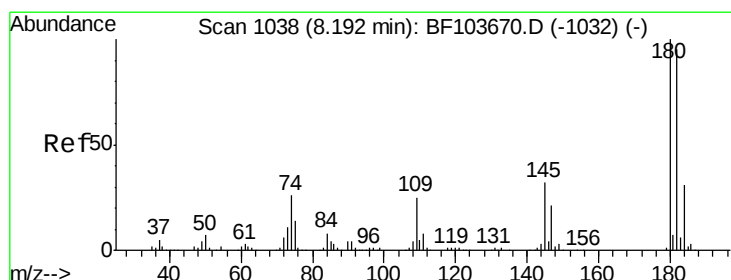
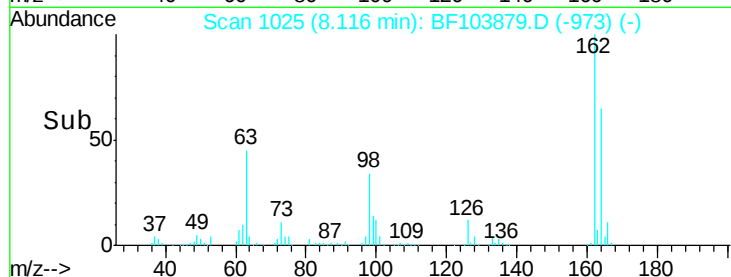
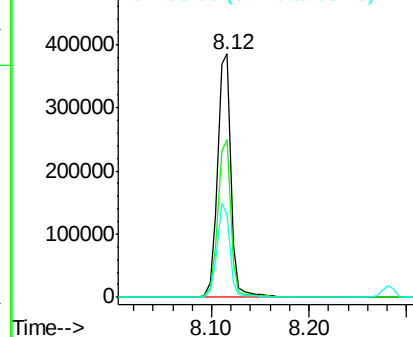
Tot Ion:	162	Resp:	369585
Ion Ratio	Lower	Upper	
162	100		
164	65.1	42.7	82.7
98	33.6	18.1	58.1

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.707 ng

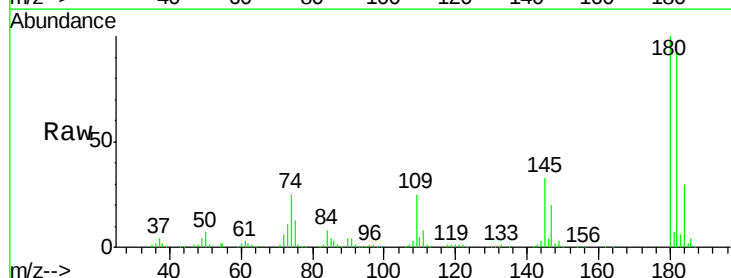
RT: 8.20 min Scan# 1039

Delta R.T. 0.00 min

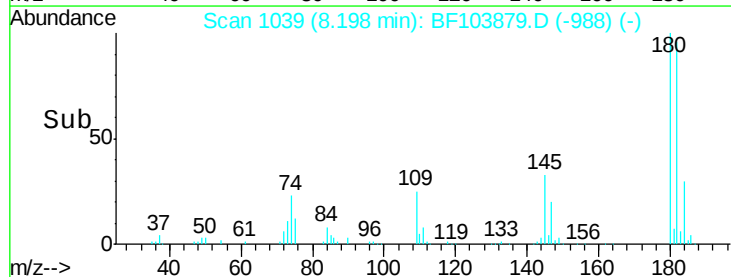
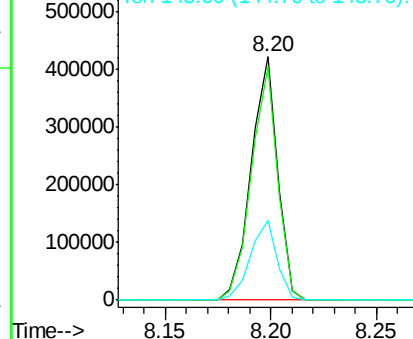
Lab File: BF103879.D

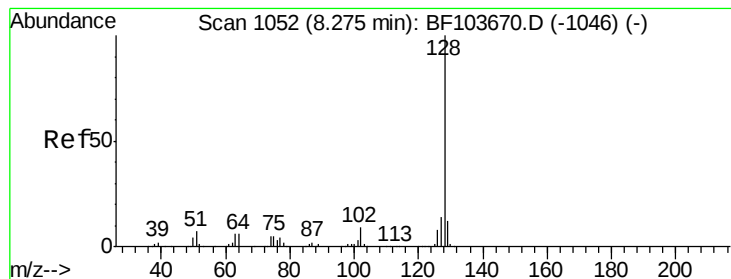
Acq: 23 Mar 2018 14:47

Tgt Ion:	180	Resp:	367568
Ion Ratio	Lower	Upper	
180	100		
182	95.8	76.8	115.2
145	32.5	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.387 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

ClientSampleId :

SB-109(15-16)MS

Tot Ion:128 Resp: 1227355

Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

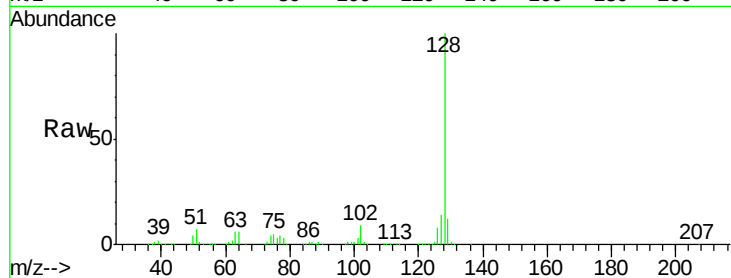
127 13.7 10.9 16.3

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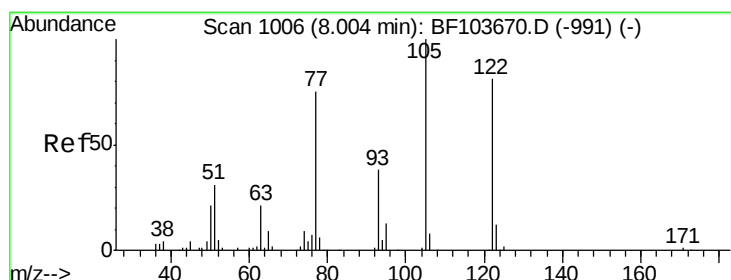
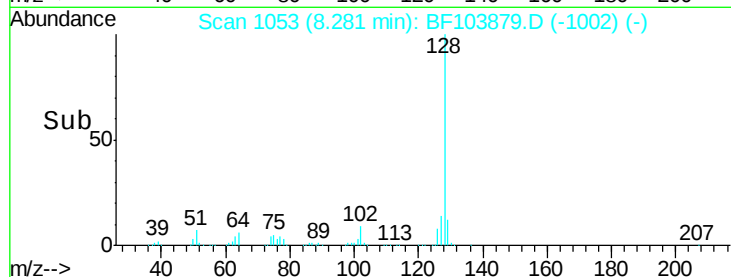
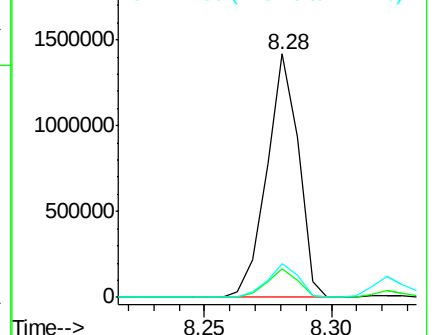
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 14.922 ng m

RT: 7.97 min Scan# 1000

Delta R.T. -0.05 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

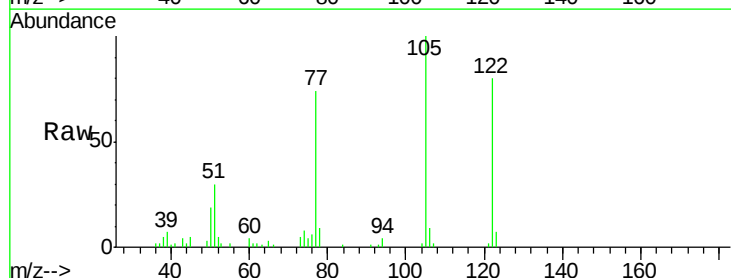
Tgt Ion:122 Resp: 39129

Ion Ratio Lower Upper

122 100

105 124.4 101.1 141.1

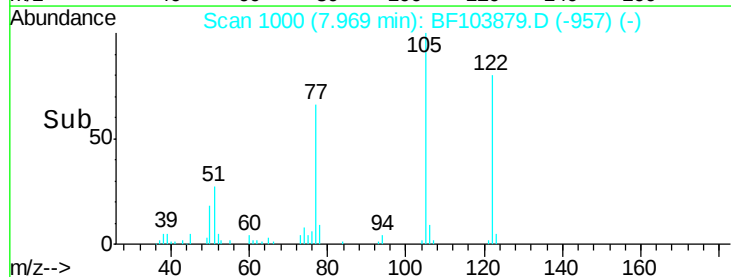
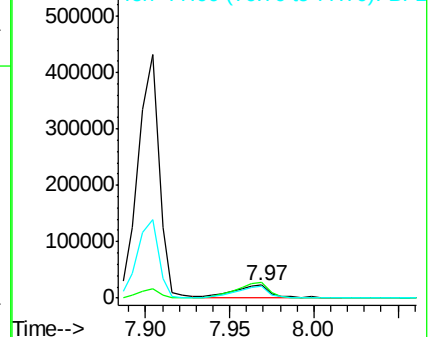
77 92.0 70.7 110.7

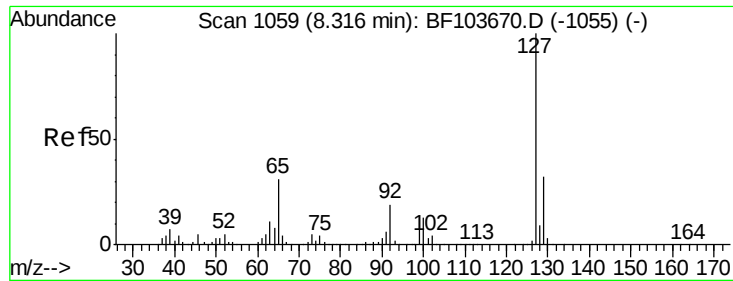


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





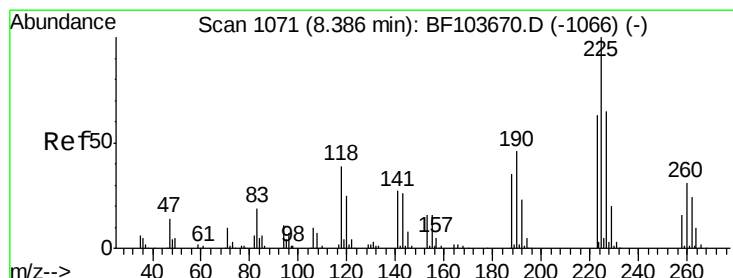
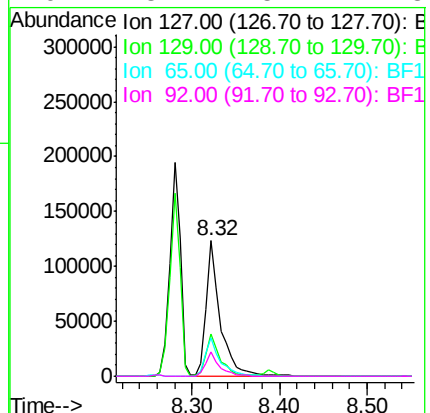
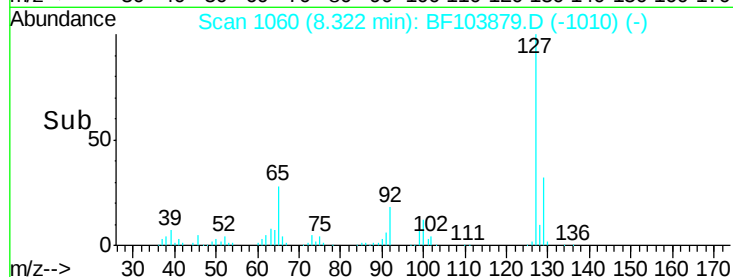
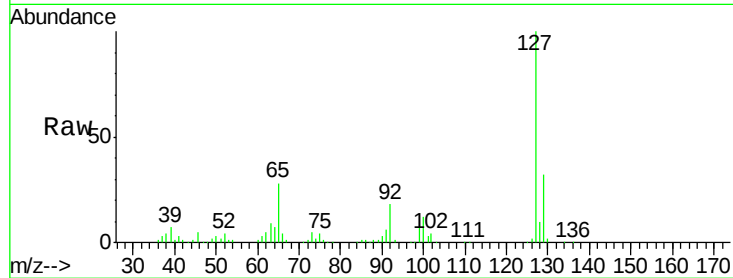
#33
4-Chloroaniline
Concen: 10.785 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampleId :
SB-109(15-16)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	25.9	38.9		
65	28.1	25.0	37.4		
92	18.1	15.2	22.8		

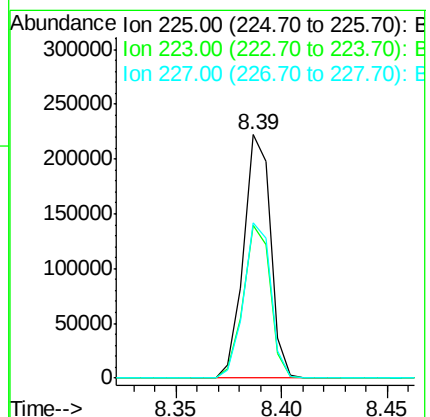
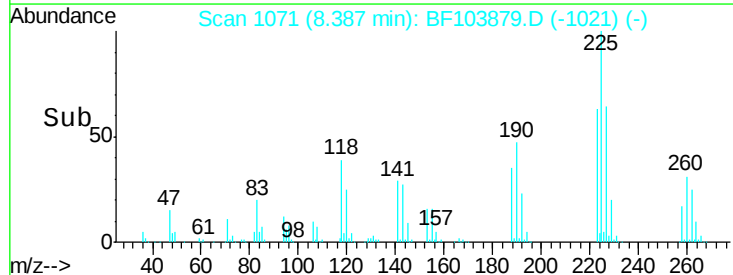
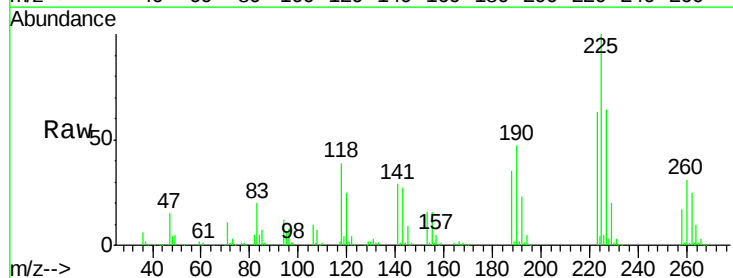
Manual Integrations
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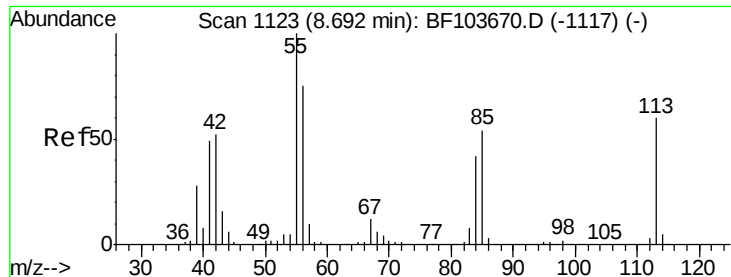
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#34
Hexachlorobutadiene
Concen: 38.681 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	50.6	76.0		
227	63.6	51.9	77.9		





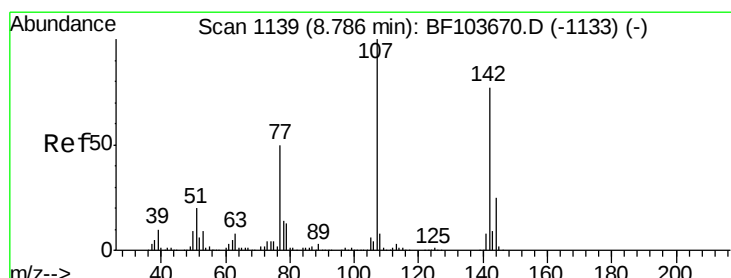
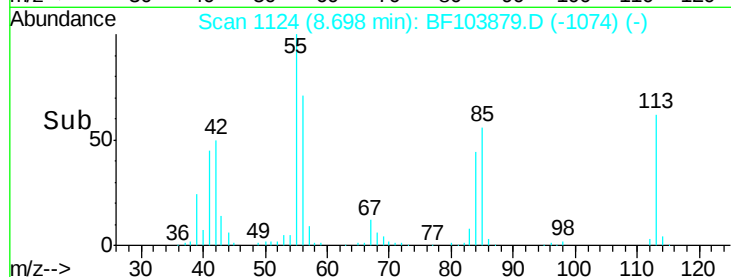
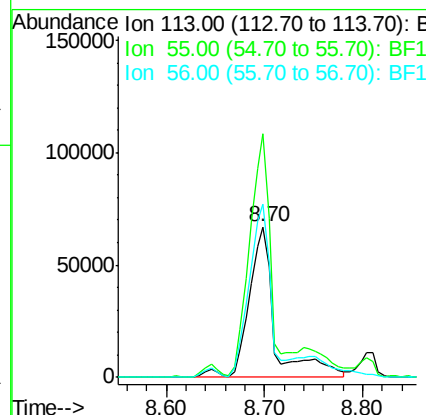
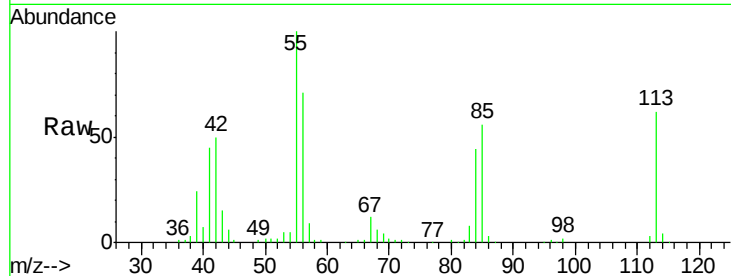
#35
Caprolactam
Concen: 44.926 ng/ml
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampleId :
SB-109(15-16)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	162.1	163.3	203.3#
56	115.6	115.7	155.7#

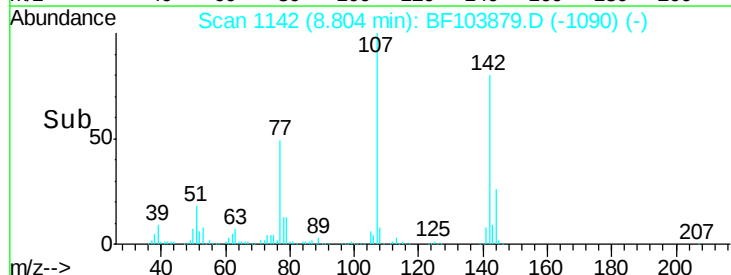
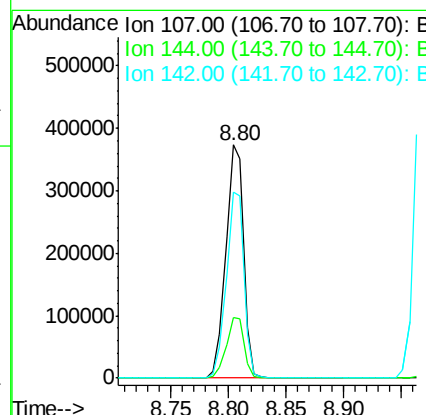
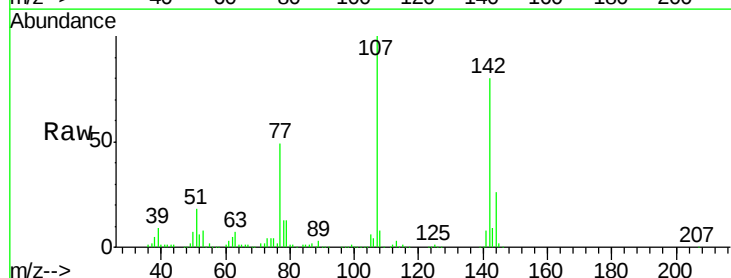
Manual Integrations
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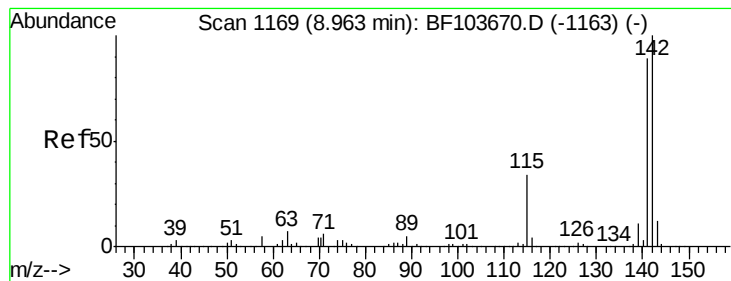
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#36
4-Chloro-3-methylphenol
Concen: 45.233 ng/ml
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	20.5	30.7
142	79.7	62.0	93.0





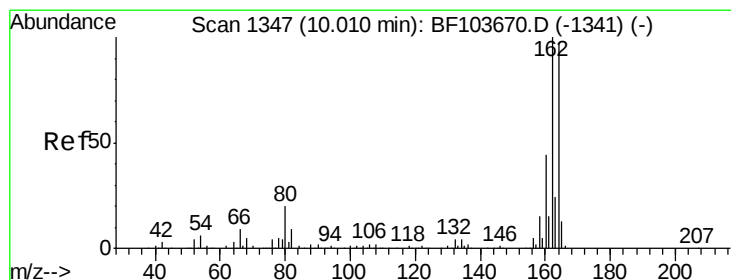
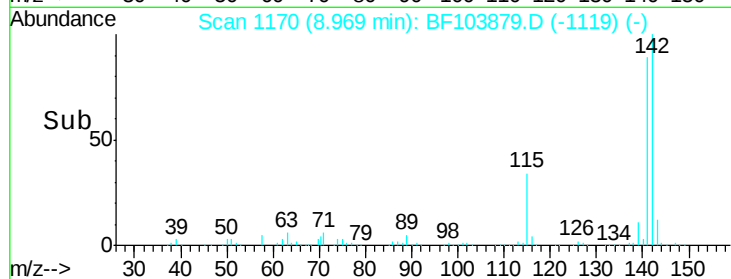
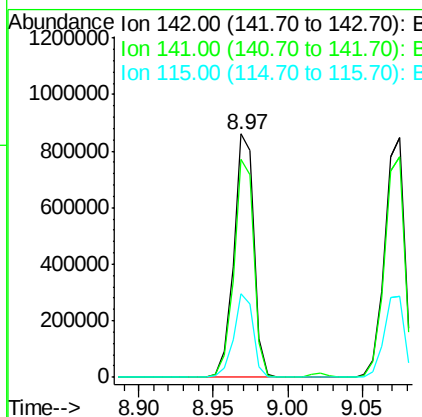
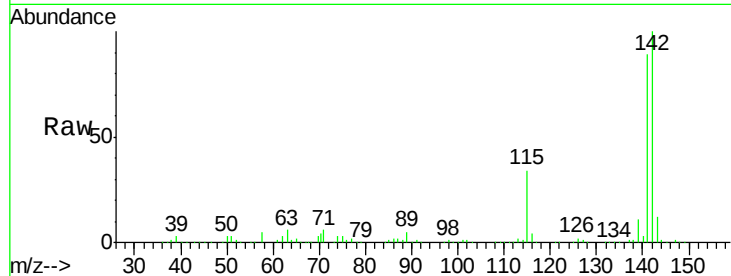
#37
2-Methylnaphthalene
Concen: 41.301 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampleId :
SB-109(15-16)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.8	106.2
115	34.3	26.1	39.1

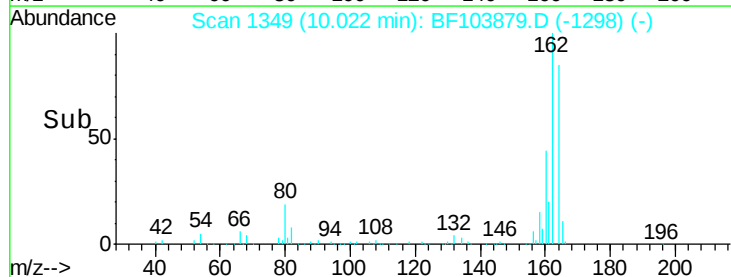
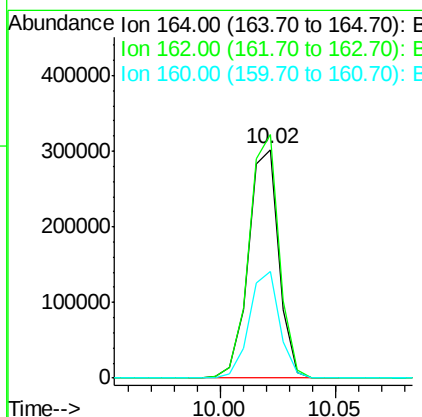
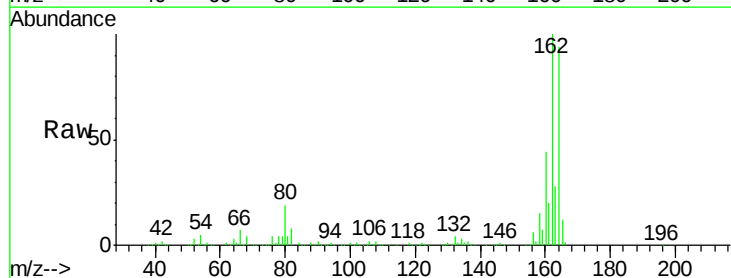
Manual Integrations
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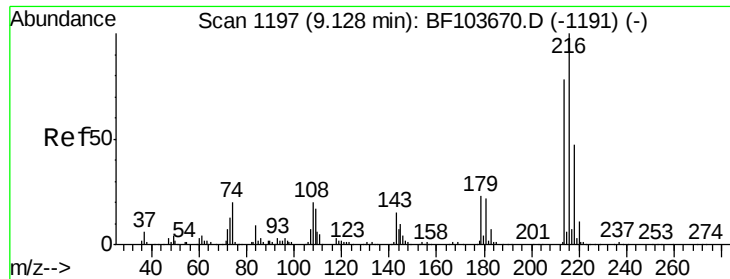
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	86.1	129.1
160	46.8	38.3	57.5





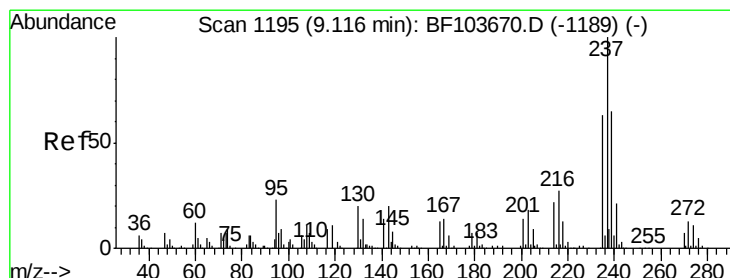
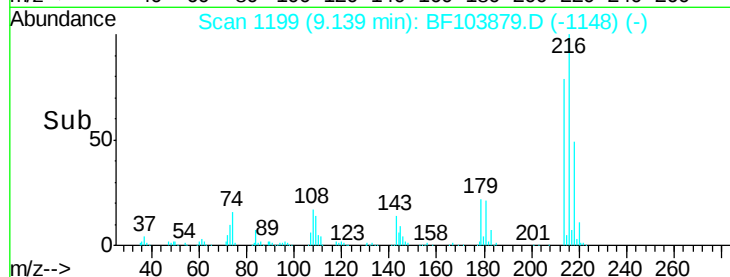
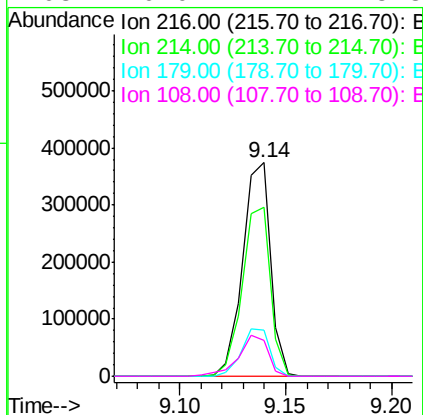
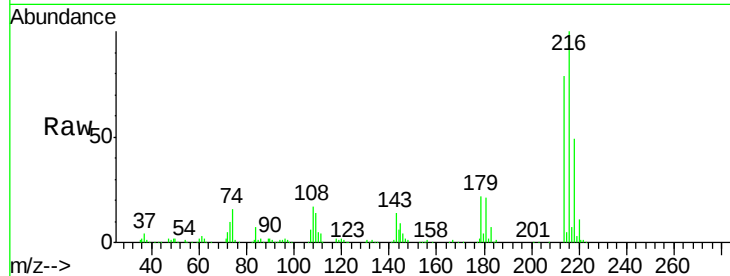
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.150 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-109(15-16)MS

Tot Ion:	216	Resp:	343146
Ion Ratio		Lower	Upper
216	100		
214	80.0	63.0	94.4
179	22.5	18.1	27.1
108	20.0	17.2	25.8

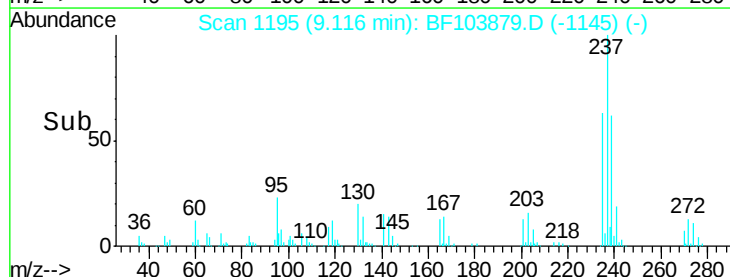
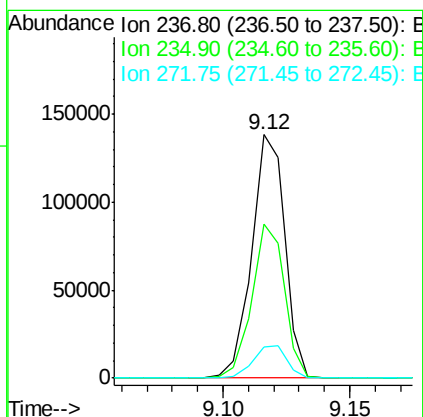
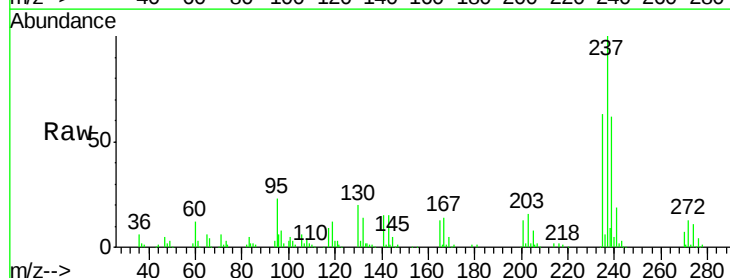
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#40
 Hexachlorocyclopentadiene
 Concen: 30.732 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Tgt Ion:	237	Resp:	126106
Ion Ratio		Lower	Upper
237	100		
235	63.5	44.8	84.8
272	12.7	0.0	33.3





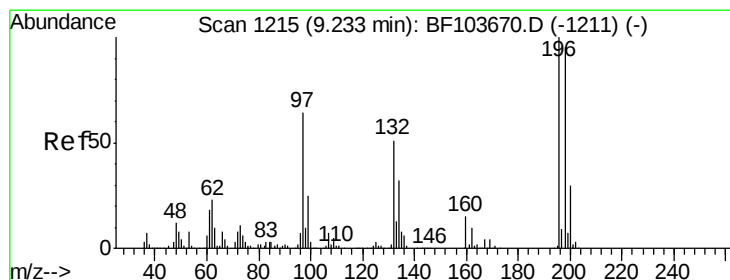
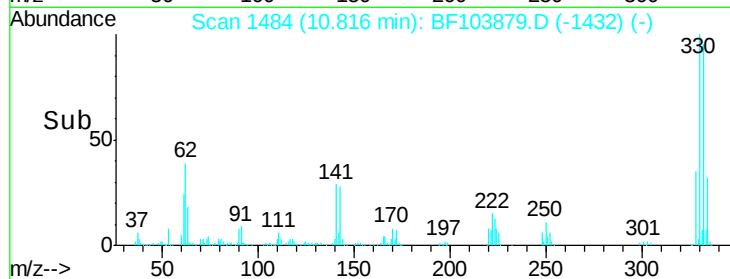
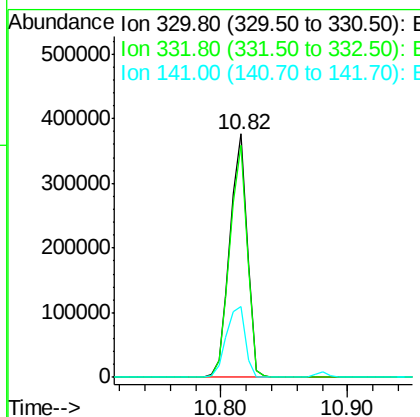
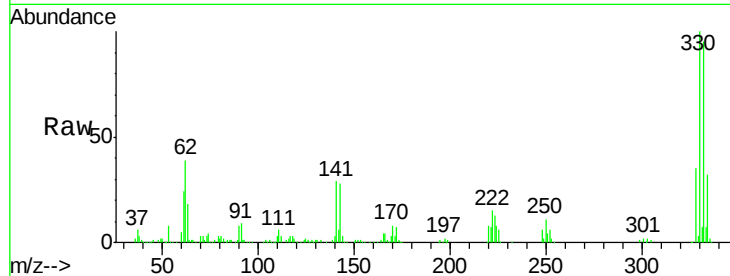
#41
 2,4,6-Tribromophenol
 Concen: 148.771 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-109(15-16)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	356557		
332	96.0	77.0	115.6	
141	31.9	29.9	44.9	

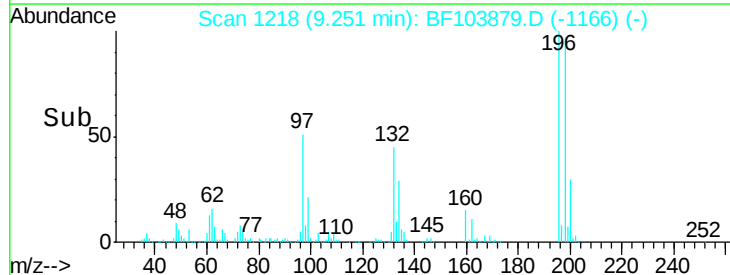
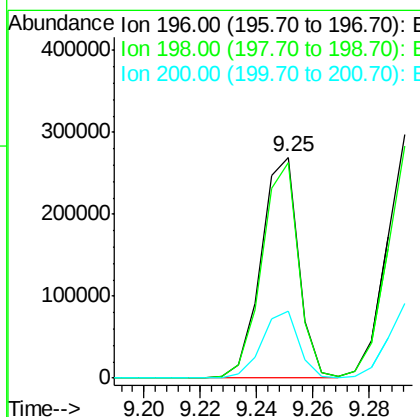
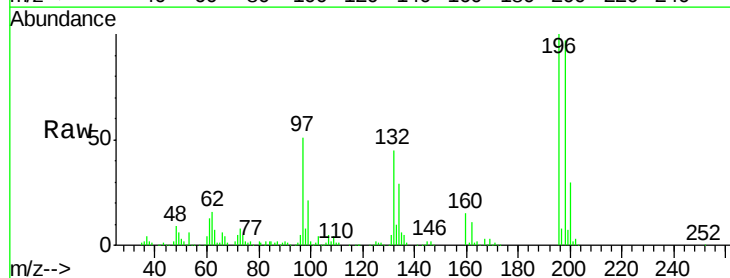
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#42
 2,4,6-Trichlorophenol
 Concen: 48.844 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	248449		
198	97.4	75.7	113.5	
200	30.5	24.5	36.7	





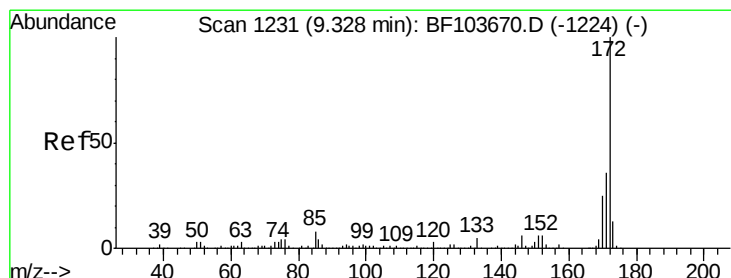
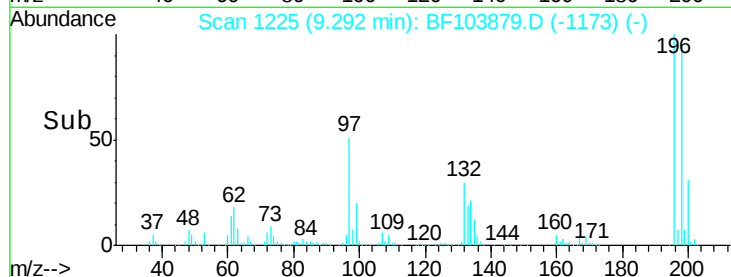
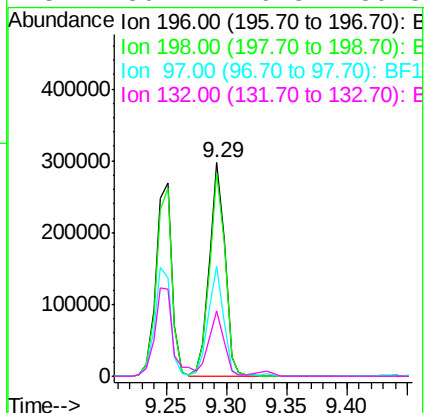
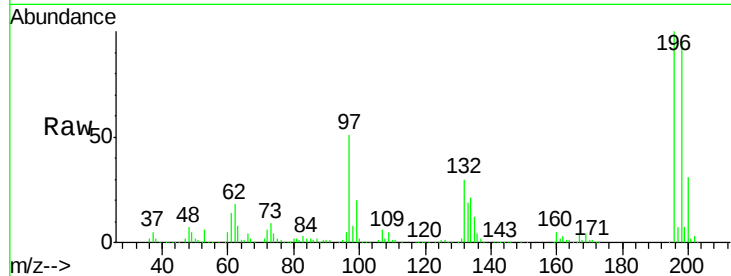
#43
2,4,5-Trichlorophenol
Concen: 46.418 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampleId :
SB-109(15-16)MS

Tot Ion	196	Resp	266488
Ion Ratio	Lower	Upper	
196	100		
198	95.4	74.6	112.0
97	51.3	42.9	64.3
132	30.4	26.3	39.5

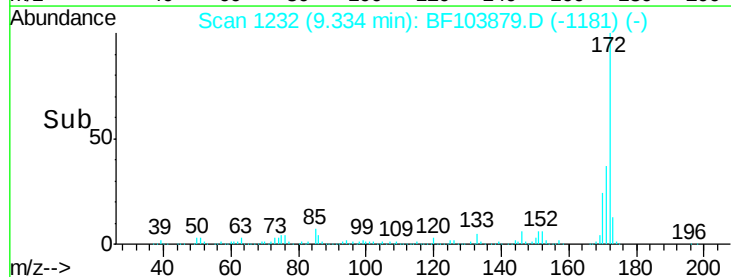
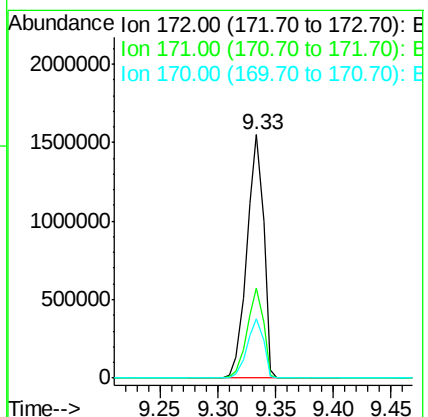
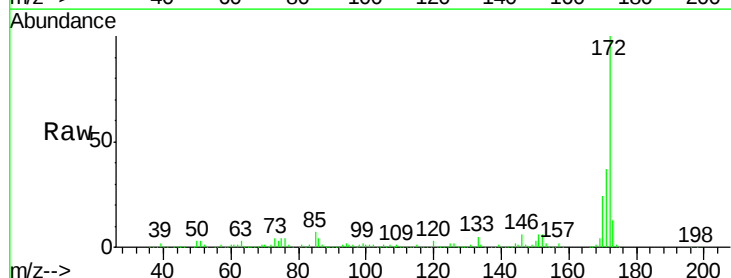
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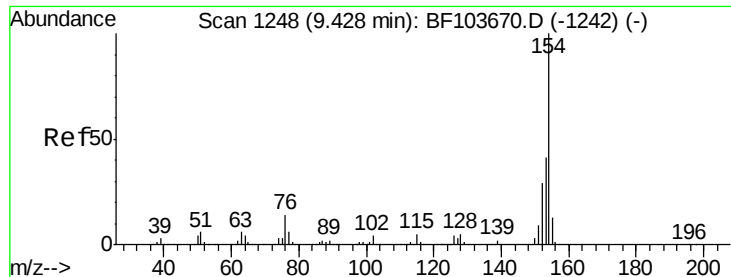
Sohil
3/26/2018 4:32:57 PM



#44
2-Fluorobiphenyl
Concen: 88.441 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion	172	Resp	1545484
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.7	44.5
170	24.3	19.6	29.4





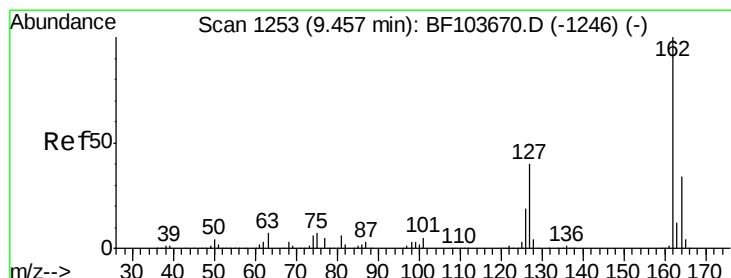
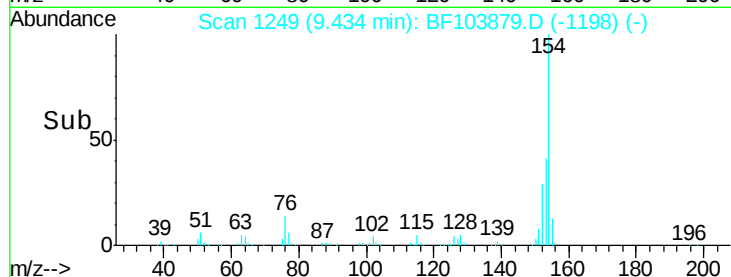
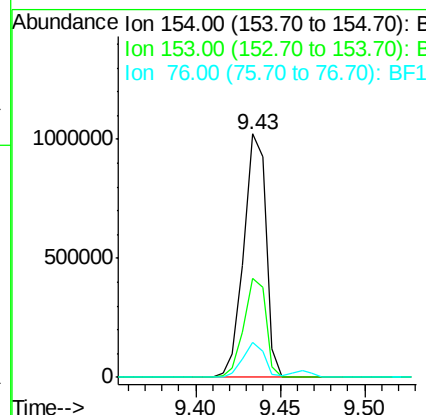
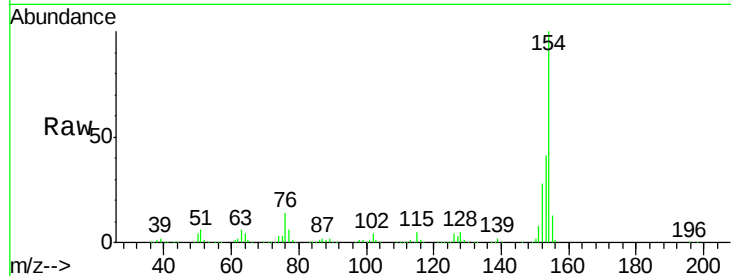
#45
 1,1'-Biphenyl
 Concen: 40.576 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-109(15-16)MS

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	40.8	21.3	61.3
76	14.4	0.0	34.0

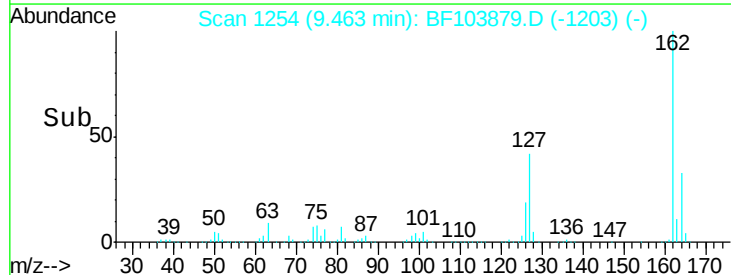
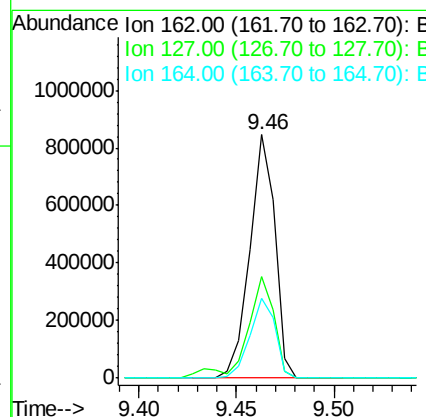
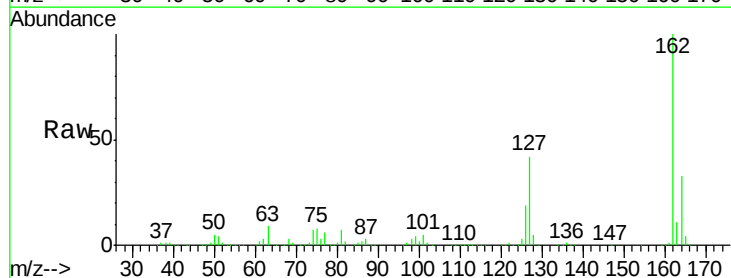
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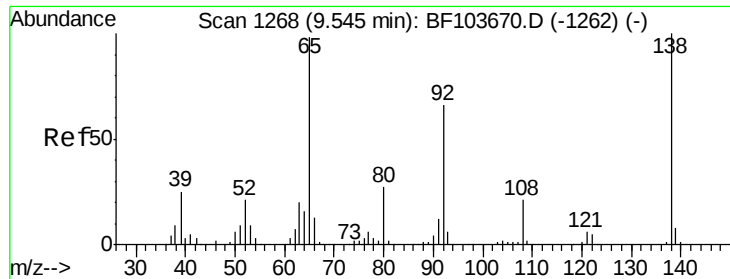
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#46
 2-Chloronaphthalene
 Concen: 40.891 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	41.5	33.9	50.9
164	33.0	26.5	39.7





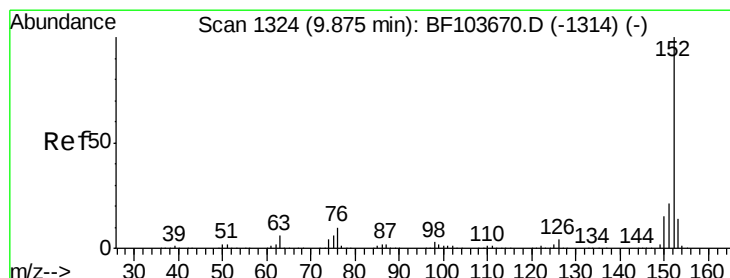
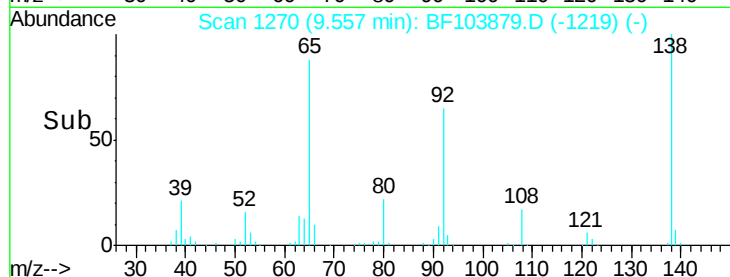
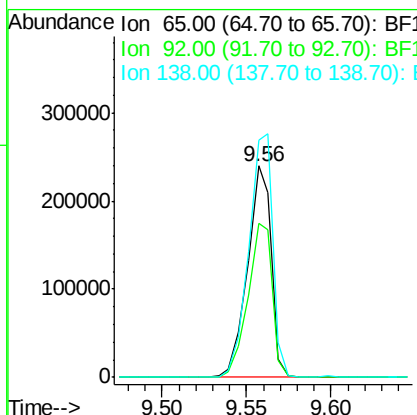
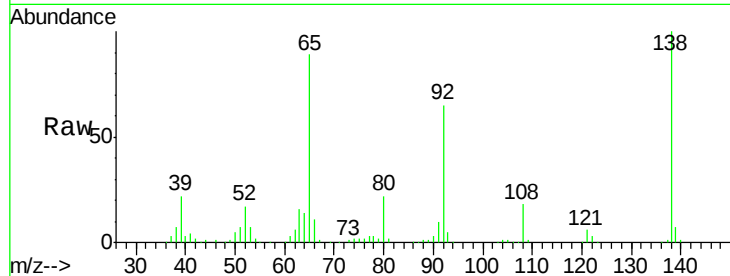
#47
 2-Nitroaniline
 Concen: 48.802 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-109(15-16)MS

Tot Ion:	65	Resp:	236329
Ion Ratio	Lower	Upper	
65	100		
92	73.0	55.8	83.6
138	112.4	91.2	136.8

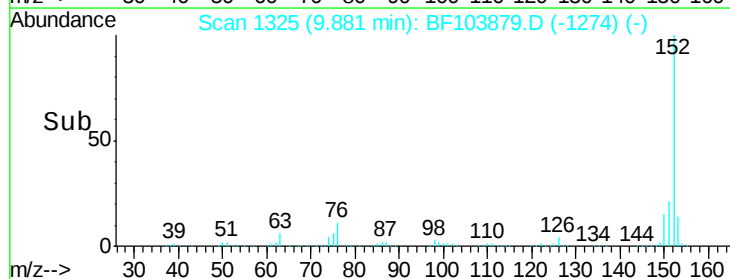
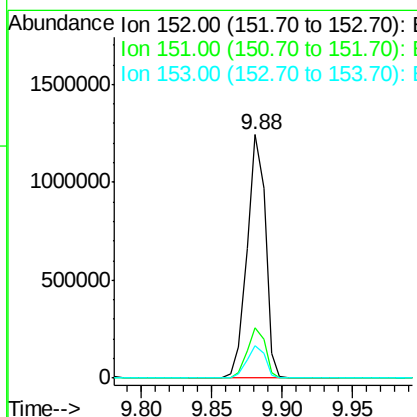
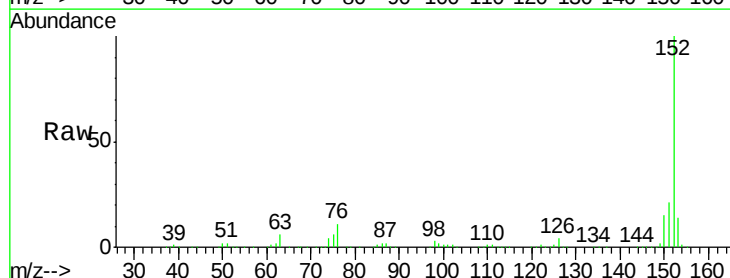
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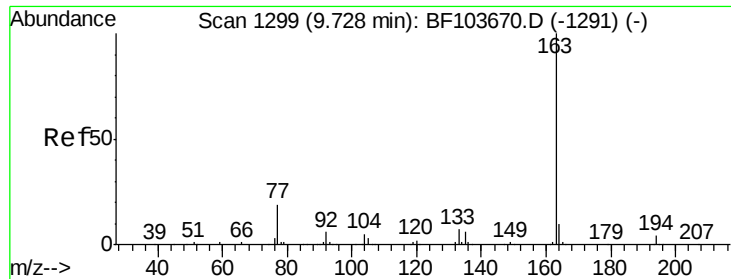
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#48
 Acenaphthylene
 Concen: 39.543 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Tgt Ion:	152	Resp:	1132024
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.3	24.5
153	13.6	10.7	16.1





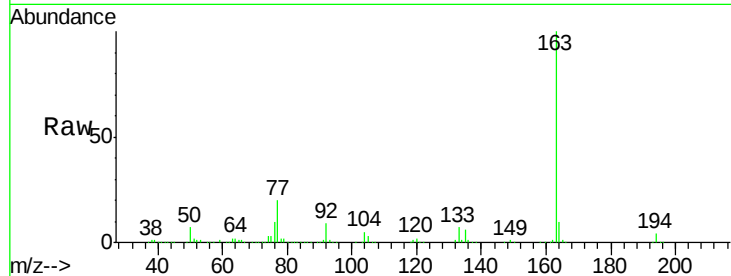
#49
Dimethylphthalate
Concen: 49.370 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampleId :
SB-109(15-16)MS

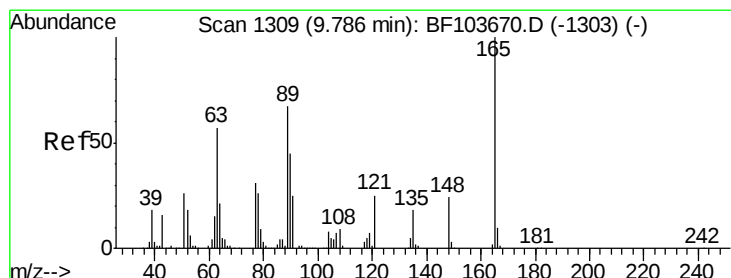
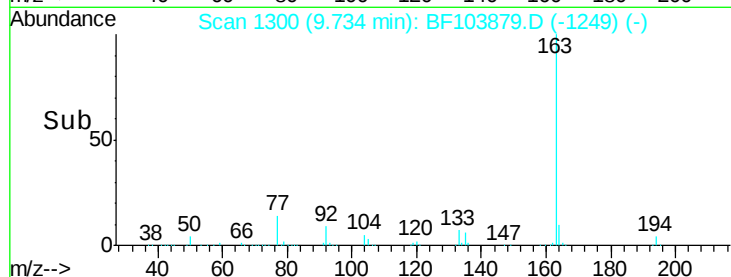
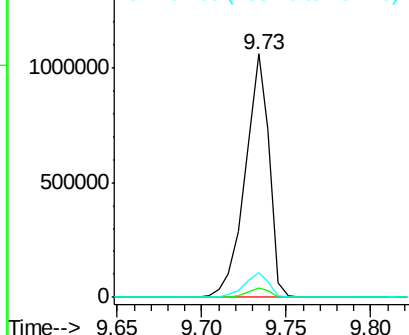
Tot Ion:163 Resp: 1049957
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.4 8.2 12.2

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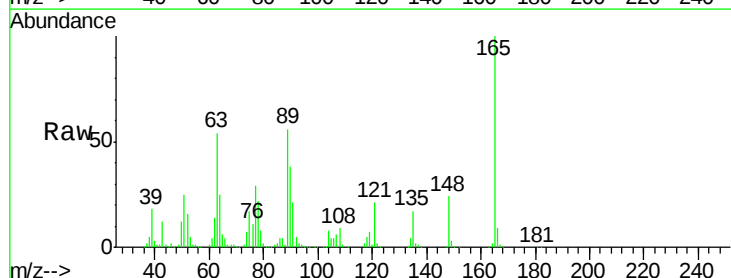


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

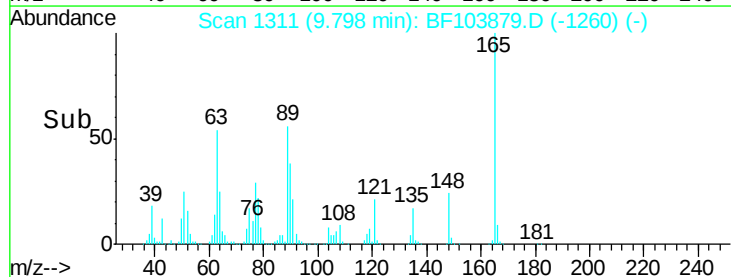
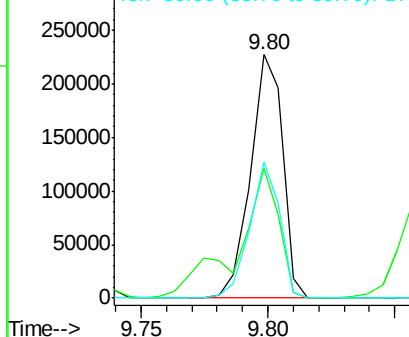


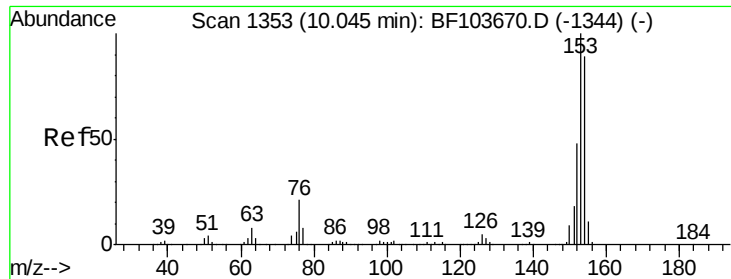
#50
2,6-Dinitrotoluene
Concen: 48.751 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion:165 Resp: 200841
Ion Ratio Lower Upper
165 100
63 53.5 44.7 67.1
89 55.8 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: 40.473 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

ClientSampleId :

SB-109(15-16)MS

Tot Ion:154 Resp: 687973

Ion Ratio Lower Upper

154 100

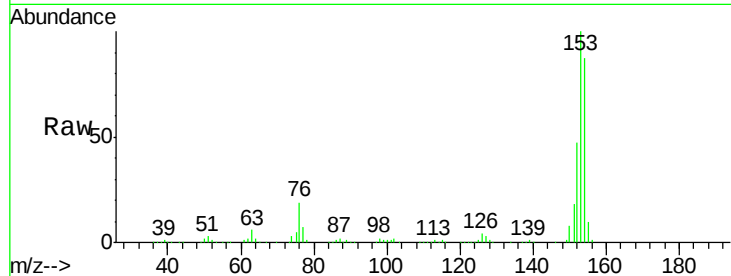
153 115.4 91.2 136.8

152 54.7 43.8 65.8

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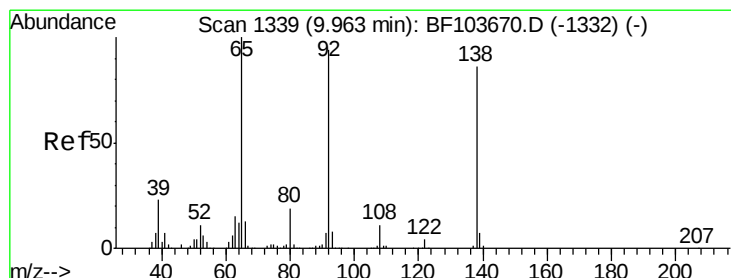
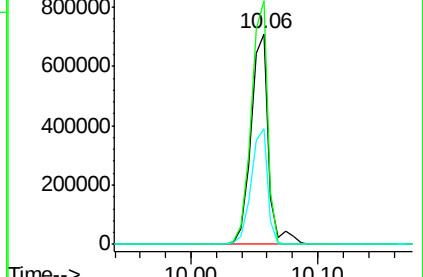
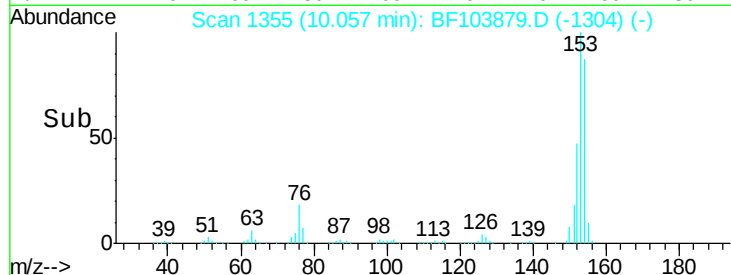
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.566 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

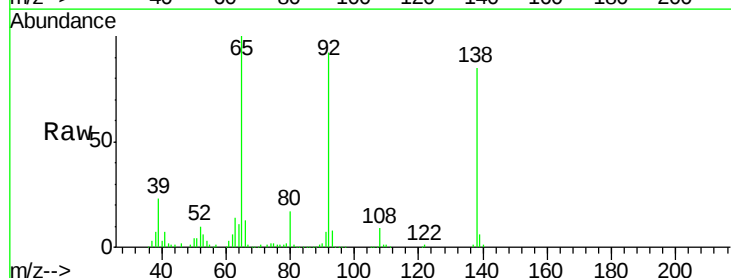
Tgt Ion:138 Resp: 148646

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

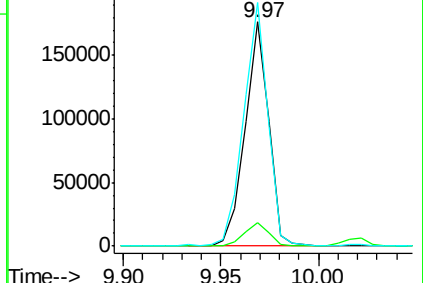
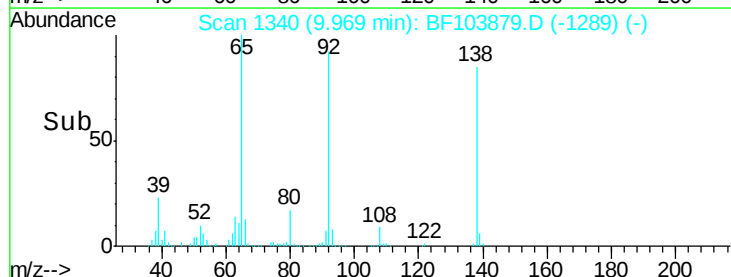
92 108.7 89.4 134.2

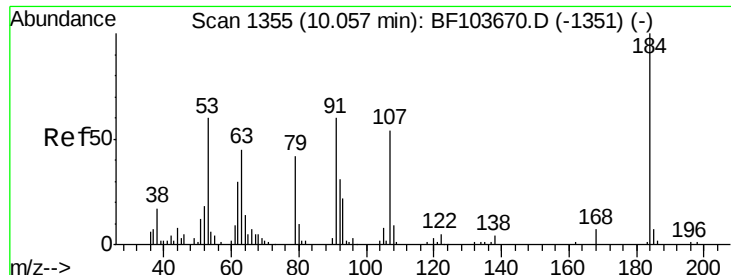


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





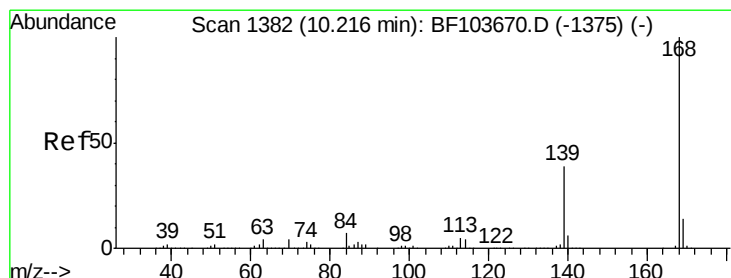
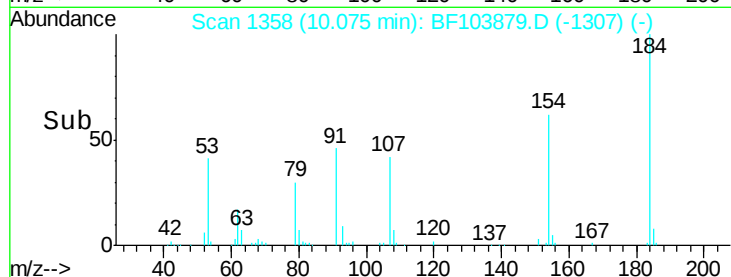
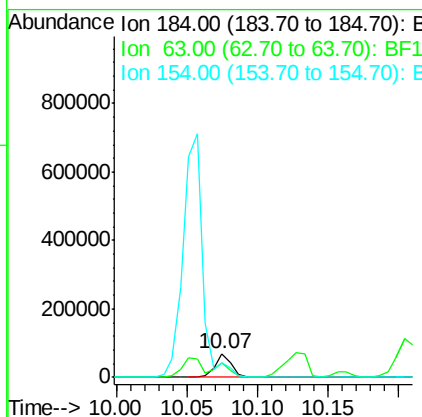
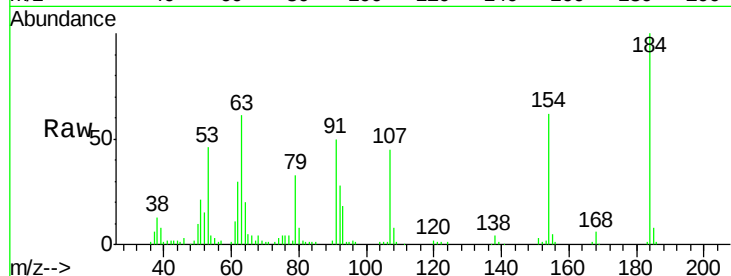
#53
 2,4-Dinitrophenol
 Concen: 57.632 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-109(15-16)MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	61.2	54.2	81.2
154	62.4	184.0	276.0#

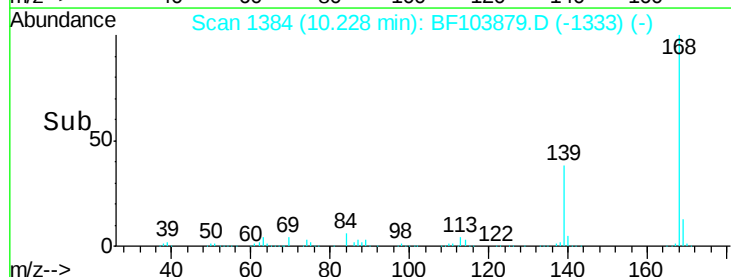
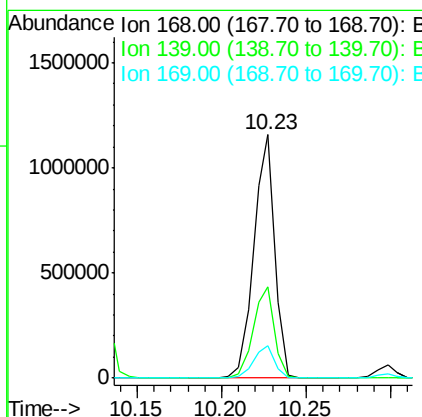
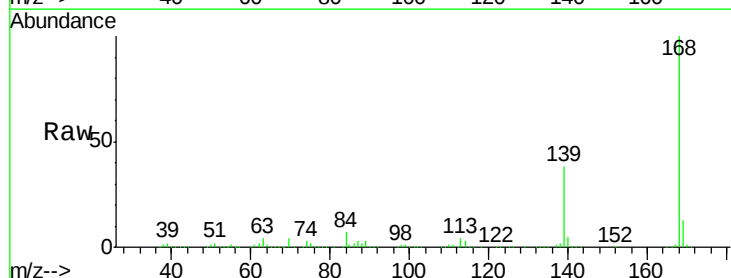
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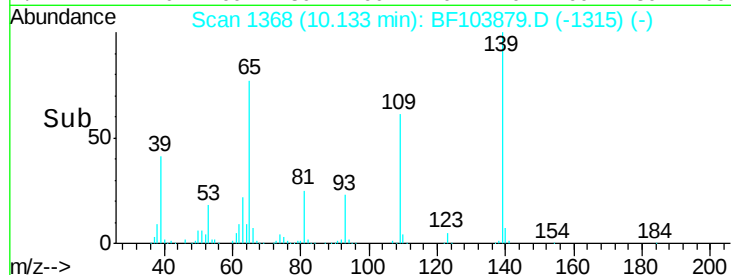
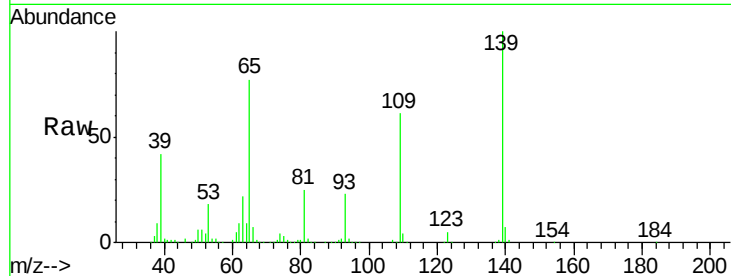
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#54
 Dibenzofuran
 Concen: 41.339 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.1	45.1
169	13.3	10.9	16.3





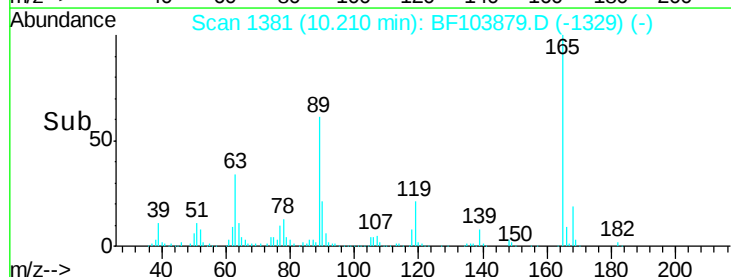
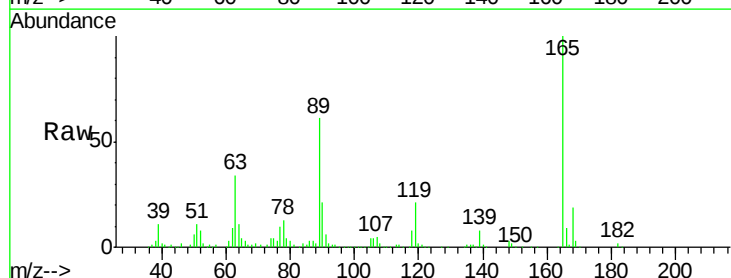
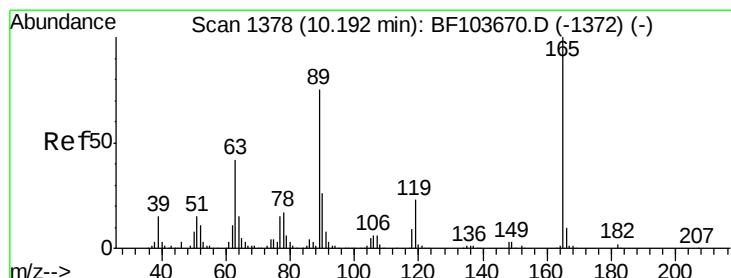
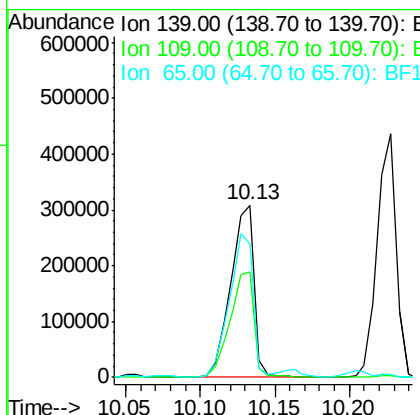
#55
4-Nitrophenol
Concen: 87.547 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampleId :
SB-109(15-16)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	342821		
109	61.0	48.4	88.4	
65	77.4	72.6	112.6	

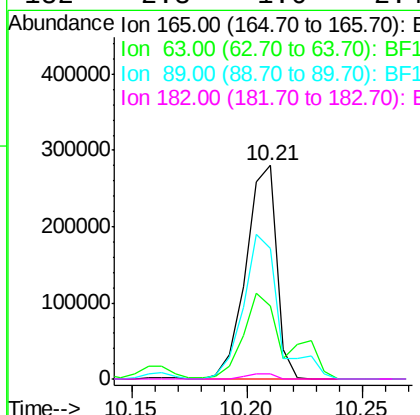
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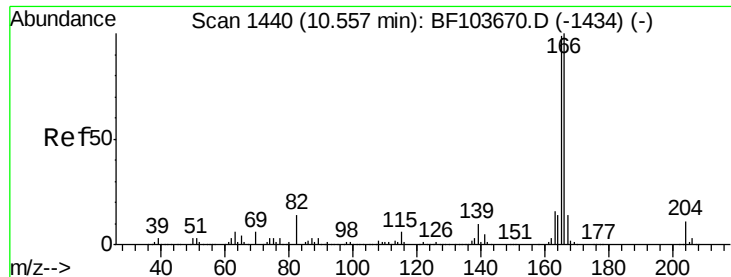
Sohil
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#56
2,4-Dinitrotoluene
Concen: 49.732 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	260546		
63	34.0	36.4	54.6#	
89	61.0	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 40.514 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

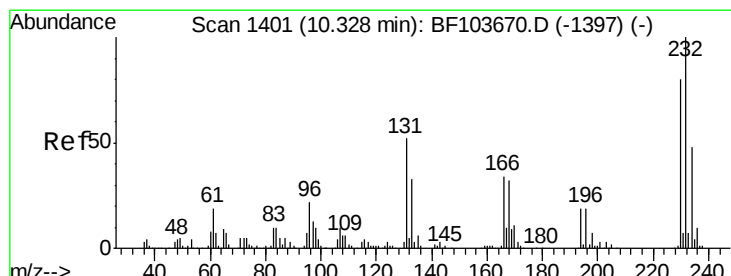
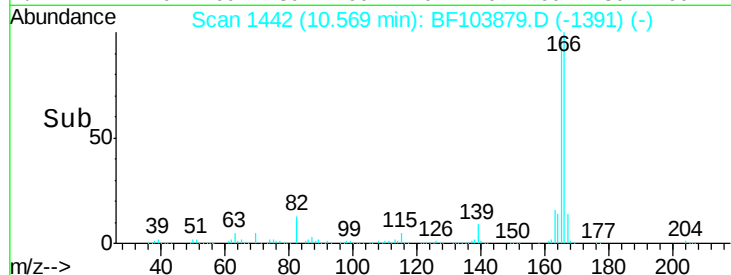
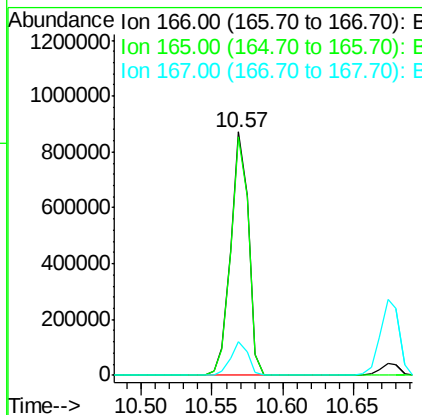
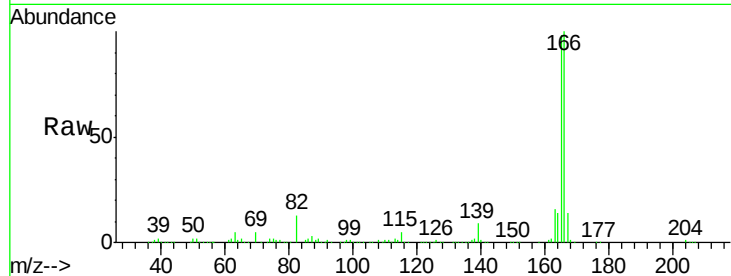
ClientSampleId :

SB-109(15-16)MS

Tot Ion:	166	Resp:	763228
Ion Ratio	Lower	Upper	
166	100		
165	98.0	79.8	119.8
167	13.7	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 49.102 ng

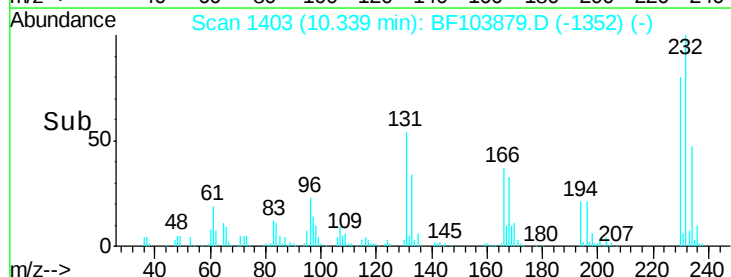
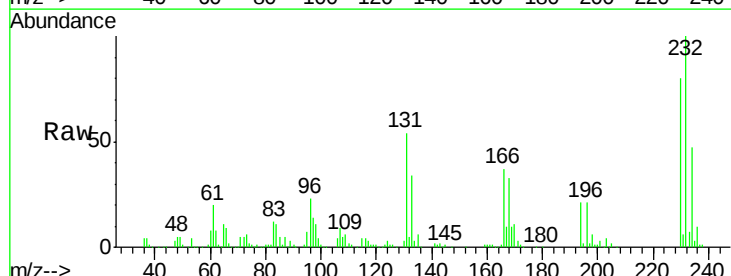
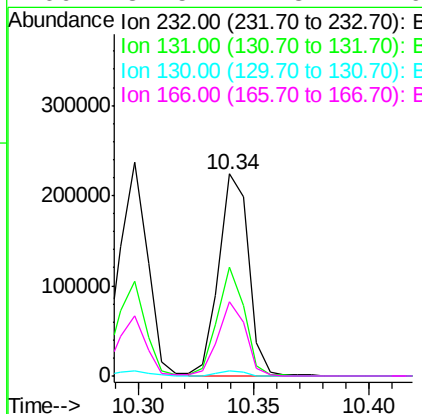
RT: 10.34 min Scan# 1403

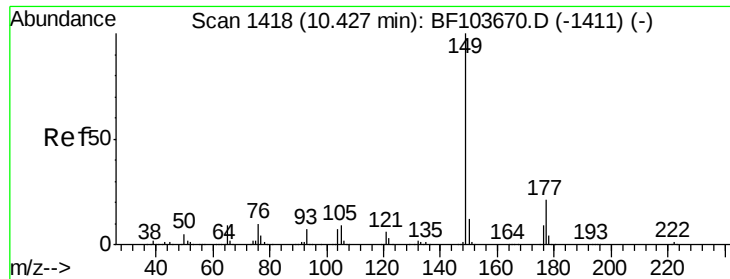
Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Tgt Ion:	232	Resp:	199748
Ion Ratio	Lower	Upper	
232	100		
131	49.1	43.8	65.8
130	2.3	2.1	3.1
166	34.5	27.8	41.6





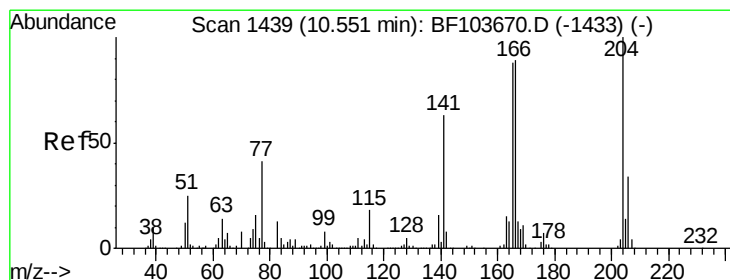
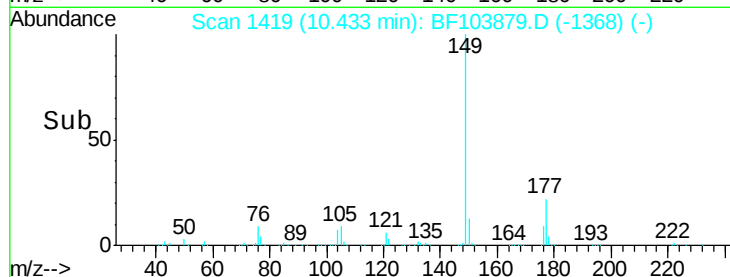
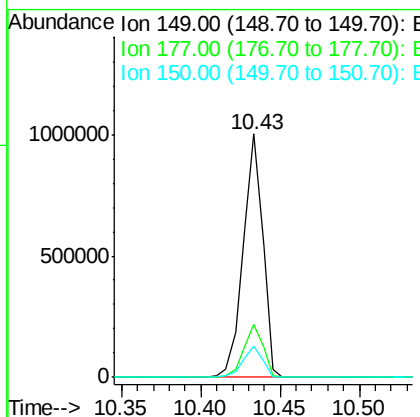
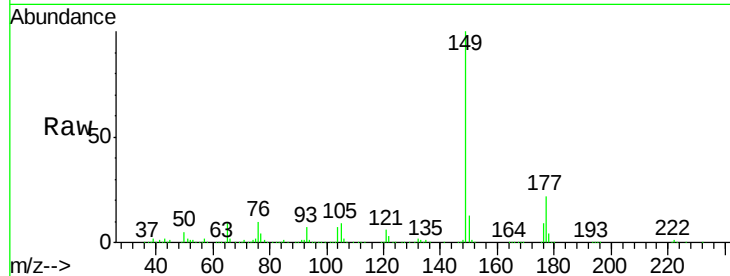
#59
Diethylphthalate
Concen: 40.635 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampleId :
SB-109(15-16)MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.1	24.1
150	12.9	10.1	15.1

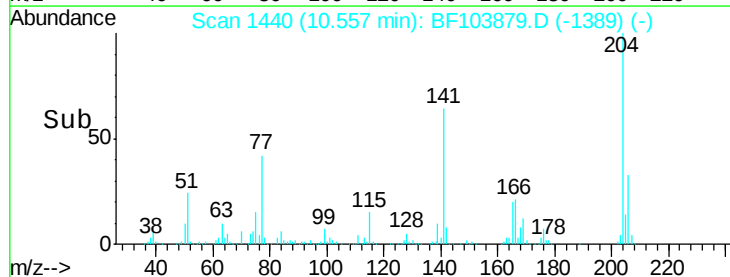
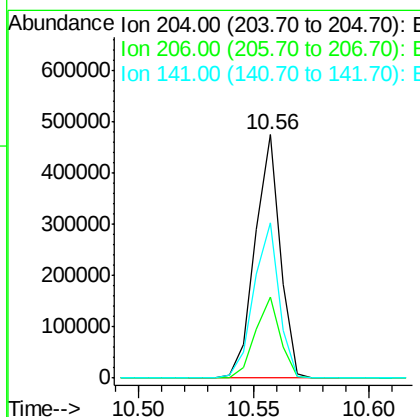
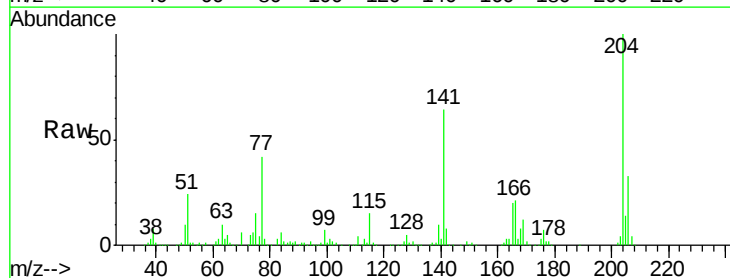
Manual Integrations
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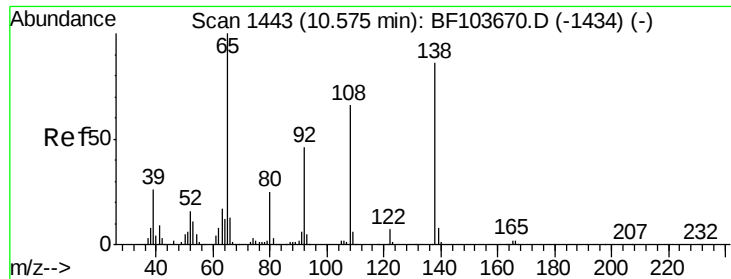
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 42.202 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.5	39.7
141	63.7	54.6	81.8





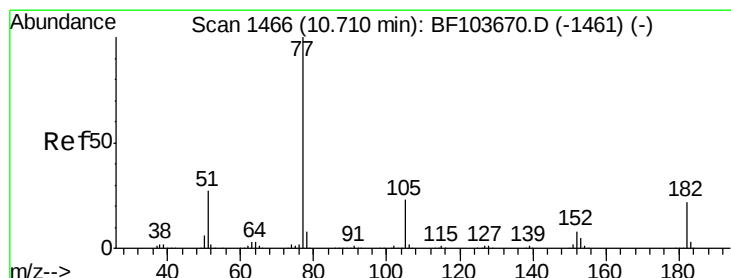
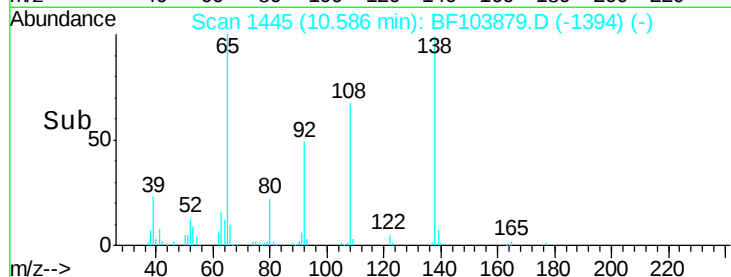
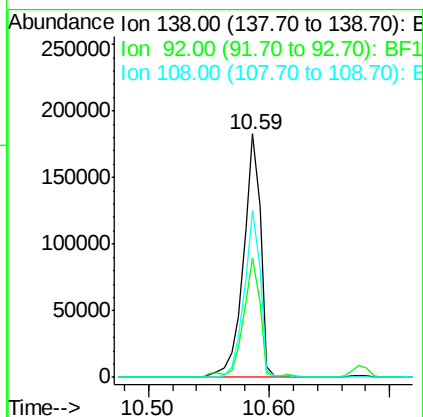
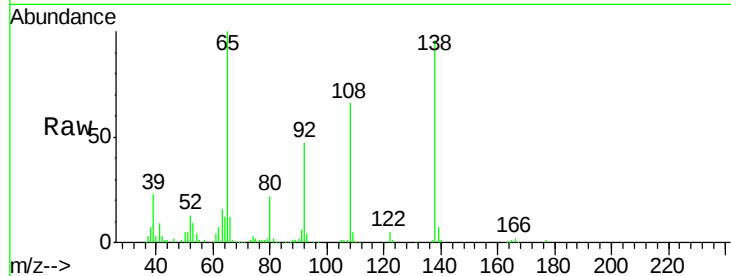
#61
4-Nitroaniline
Concen: 39.096 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampleId :
SB-109(15-16)MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.1	30.2	70.2
108	68.6	52.5	92.5

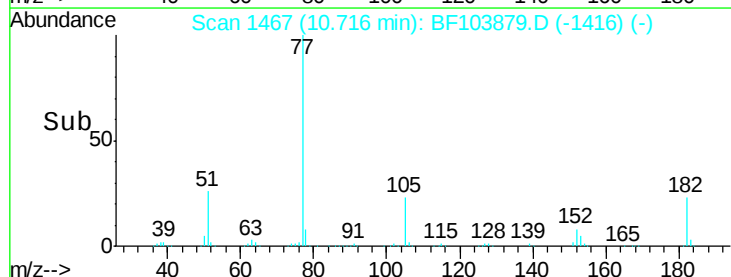
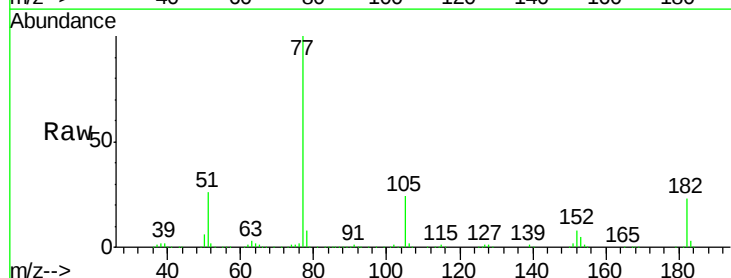
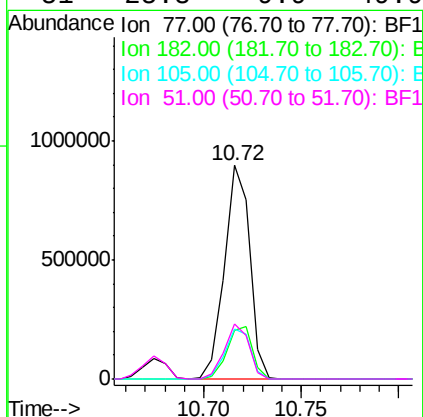
Manual Integrations
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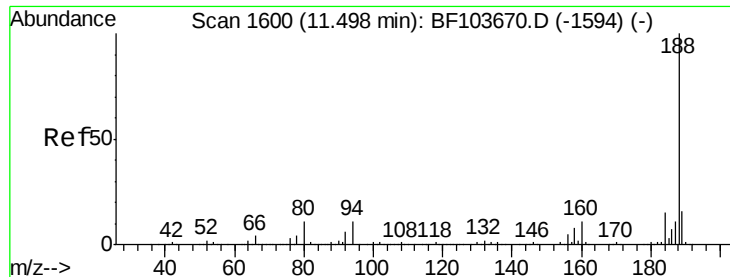
Sohil
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#62
Azobenzene
Concen: 37.381 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.1	1.7	41.7
105	23.6	3.0	43.0
51	25.8	9.9	49.9





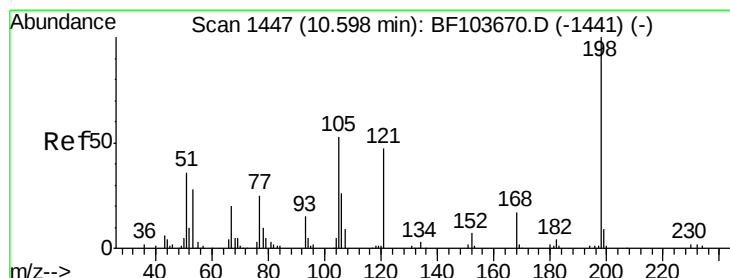
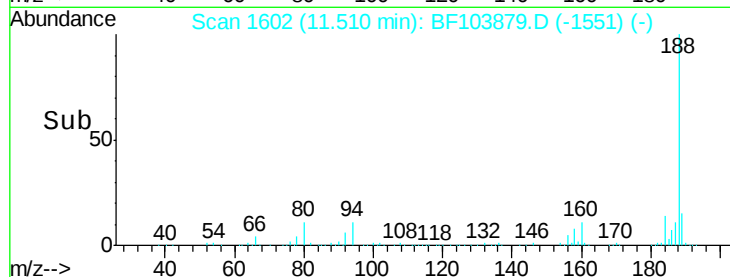
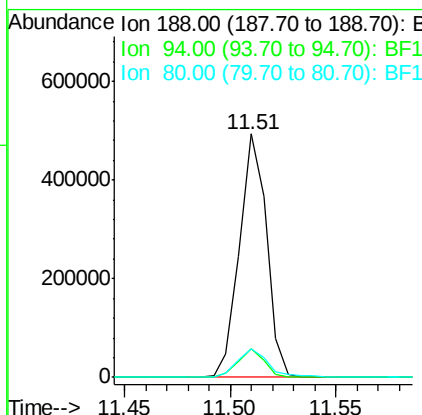
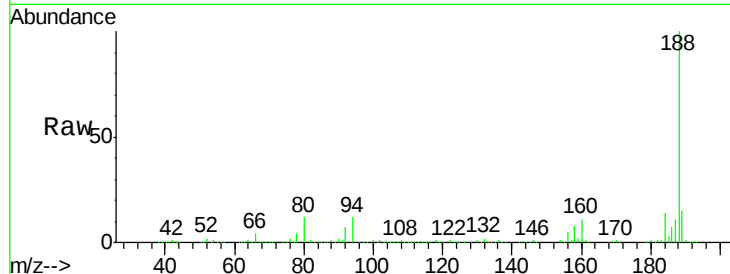
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.00 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-109(15-16)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	439520		
94	11.6		8.5	12.7
80	11.7		9.2	13.8

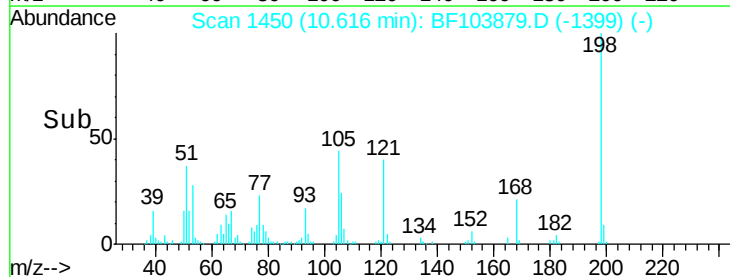
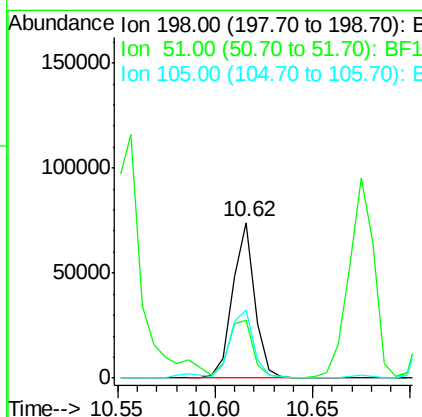
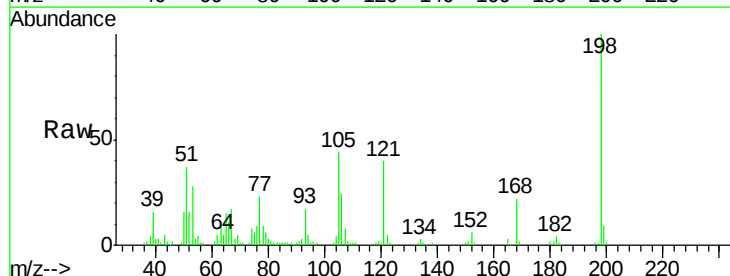
Manual Integrations
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.762 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	58343		
51	37.2		37.7	77.7#
105	43.7		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 46.719 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

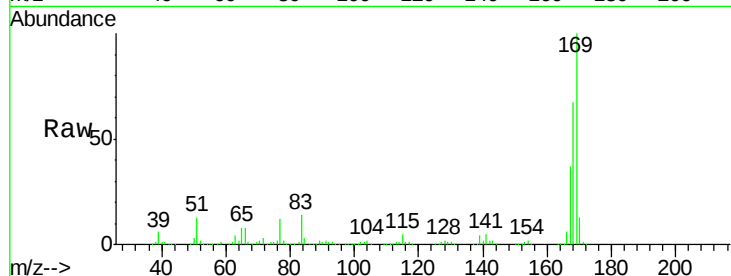
ClientSampleId :

SB-109(15-16)MS

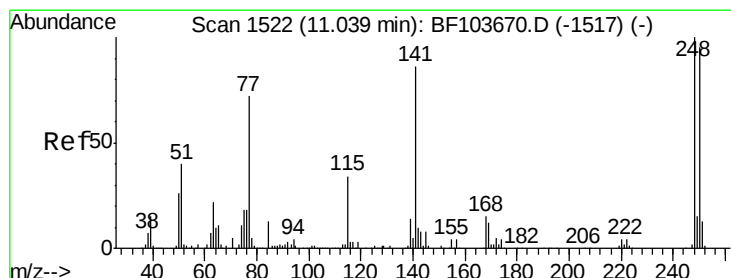
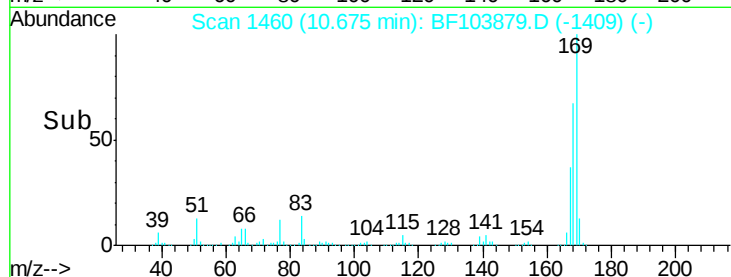
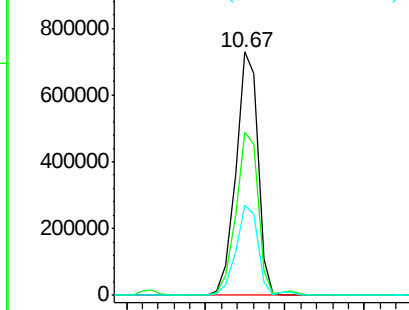
Tot Ion:	169	Resp:	698943
Ion Ratio	Lower	Upper	
169	100		
168	67.2	54.4	81.6
167	37.0	29.8	44.6

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 47.116 ng

RT: 11.05 min Scan# 1524

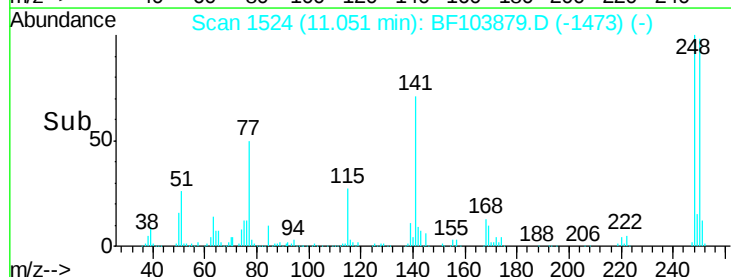
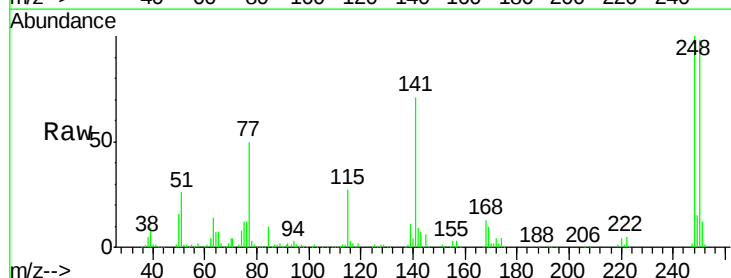
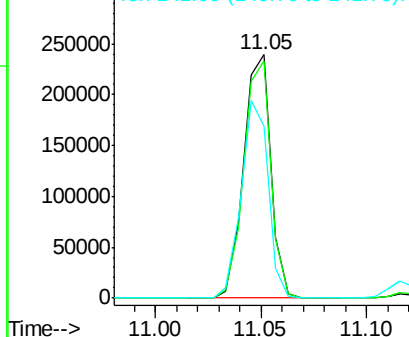
Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Tgt Ion:	248	Resp:	212621
Ion Ratio	Lower	Upper	
248	100		
250	97.6	76.9	115.3
141	70.7	74.4	111.6#

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





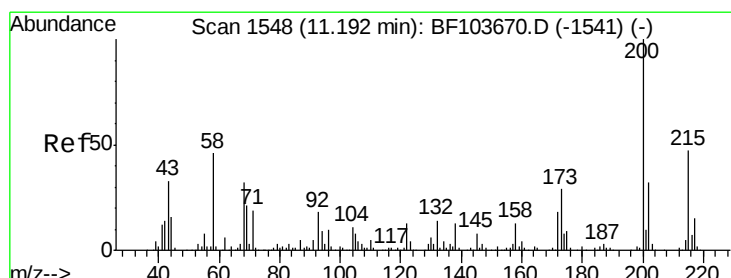
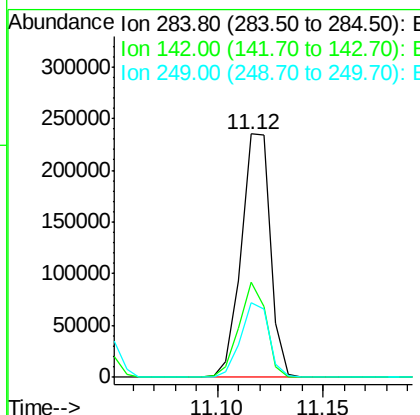
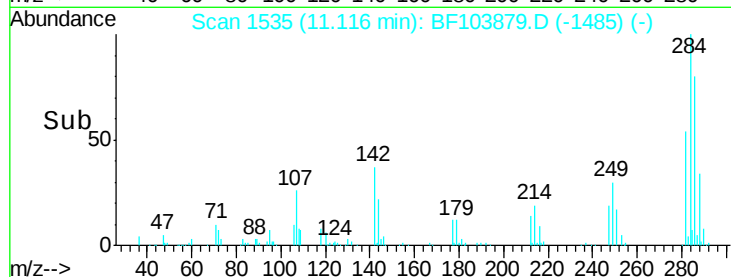
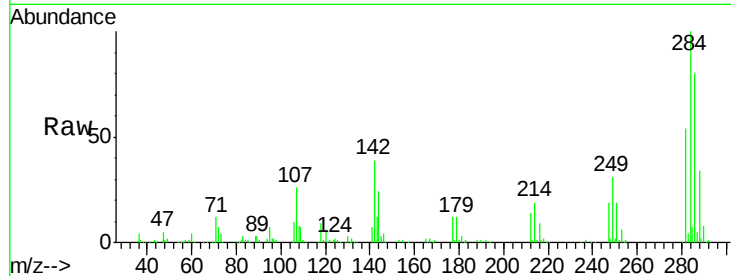
#67
Hexachlorobenzene
Concen: 43.563 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampleId :
SB-109(15-16)MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	224375		
142	39.1	34.6	52.0	
249	30.9	24.8	37.2	

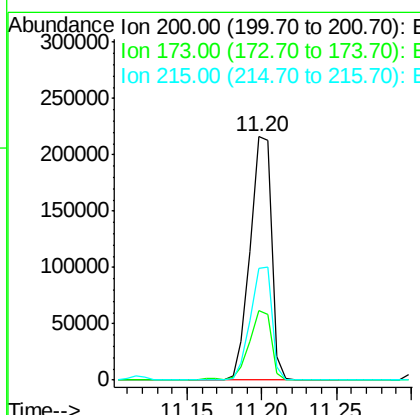
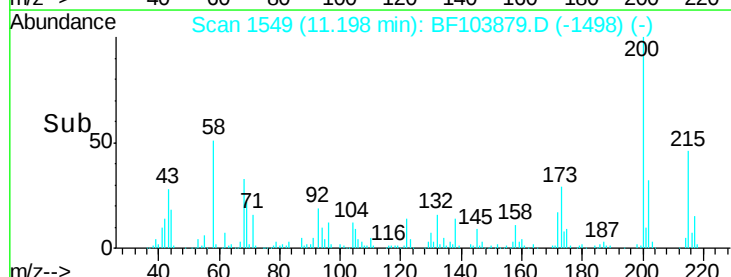
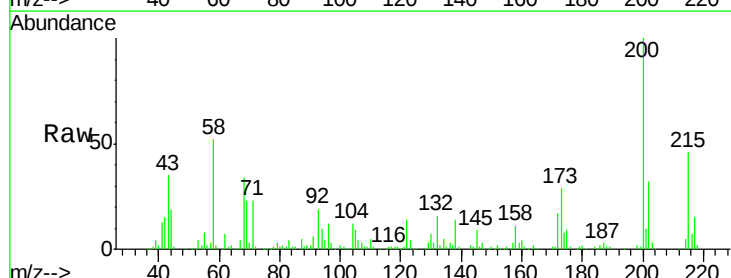
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#68
Atrazine
Concen: 46.312 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	214328		
173	28.6	8.6	48.6	
215	45.7	25.1	65.1	





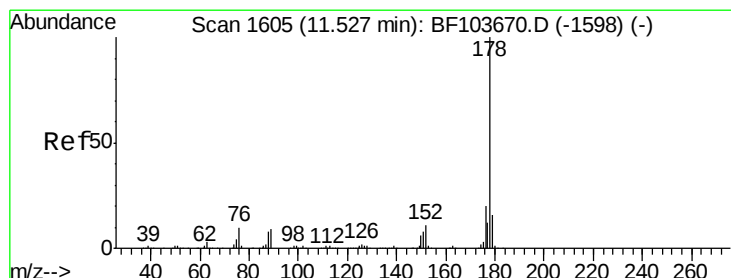
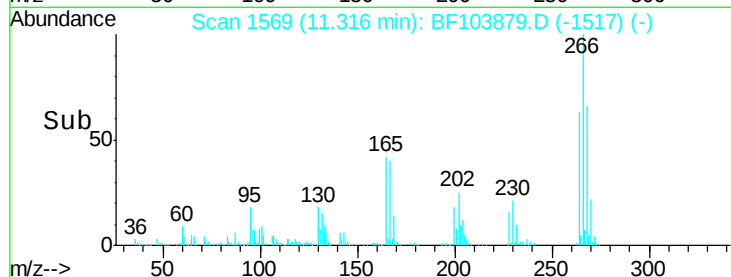
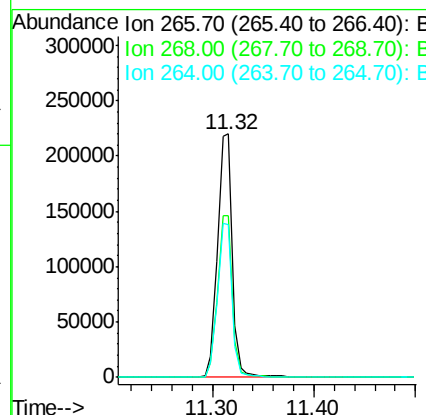
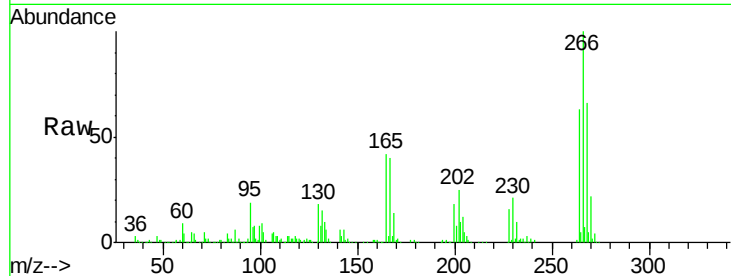
#69
 Pentachlorophenol
 Concen: 75.785 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-109(15-16)MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.3	51.1	76.7
264	62.5	49.5	74.3

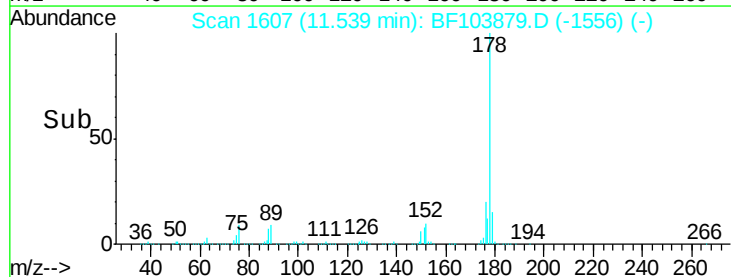
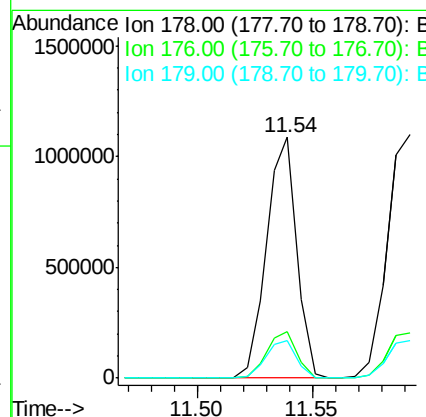
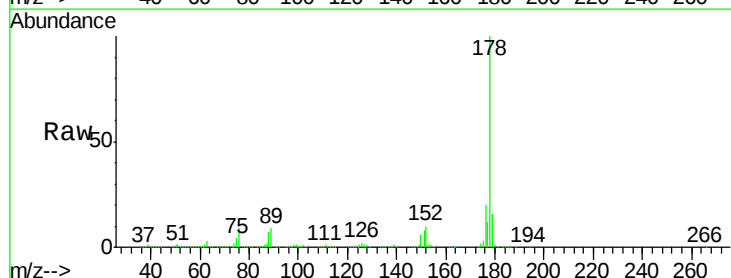
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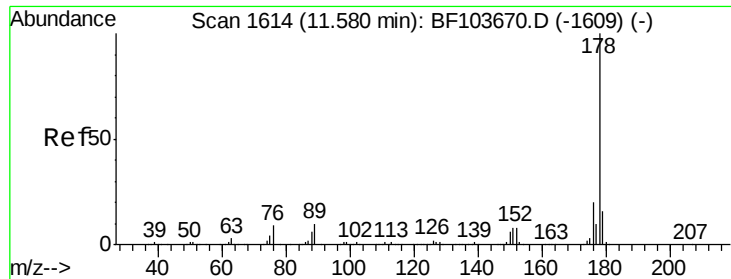
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#70
 Phenanthrene
 Concen: 41.234 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.7	13.0	19.6





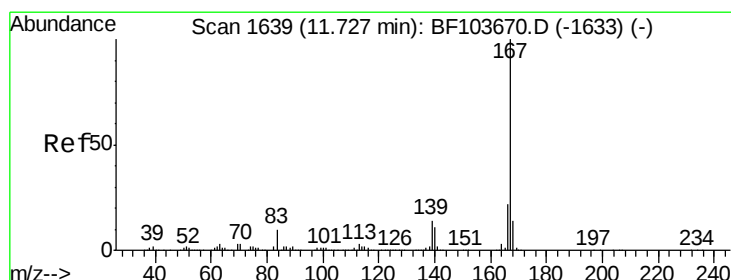
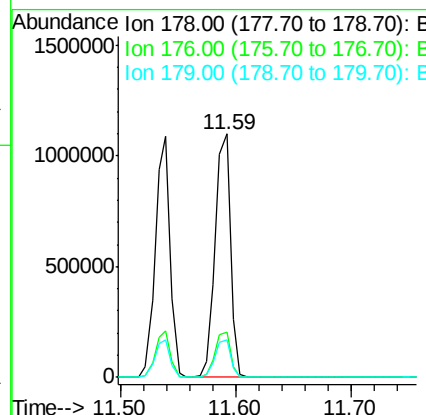
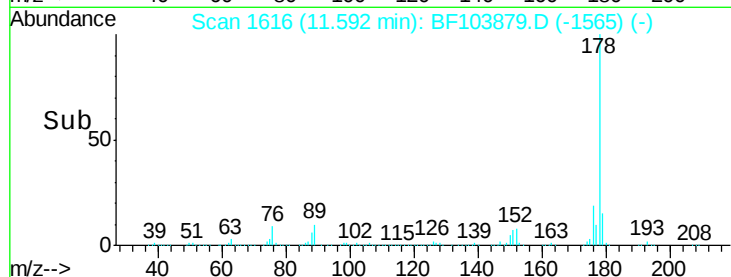
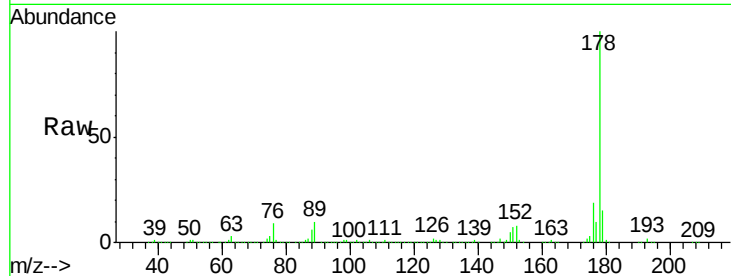
#71
 Anthracene
 Concen: 41.774 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-109(15-16)MS

Tot Ion:178 Resp: 1020101
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 15.2 12.6 19.0

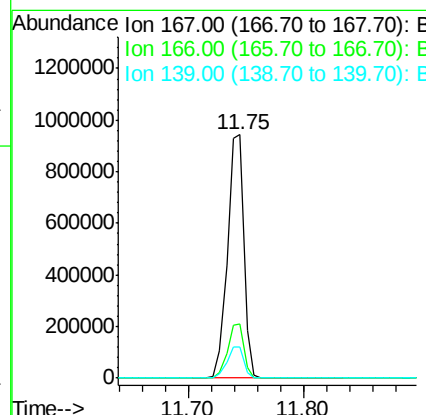
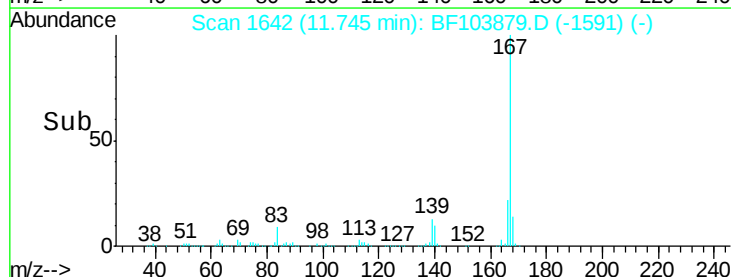
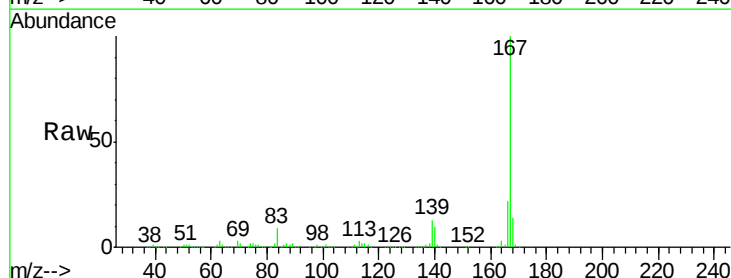
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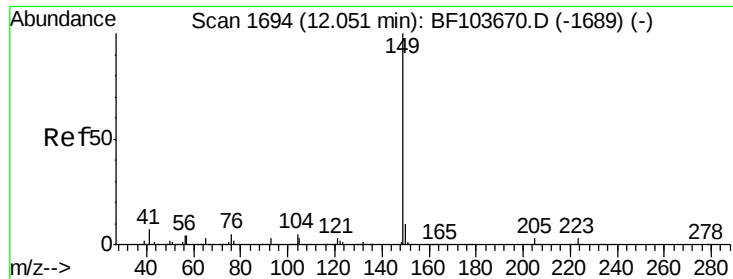
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#72
 Carbazole
 Concen: 39.119 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. 0.00 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Tgt Ion:167 Resp: 928458
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 12.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 43.641 ng

RT: 12.06 min Scan# 1695

Delta R.T. -0.01 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

ClientSampleId :

SB-109(15-16)MS

Tot Ion:149 Resp: 1242837

Ion Ratio Lower Upper

149 100

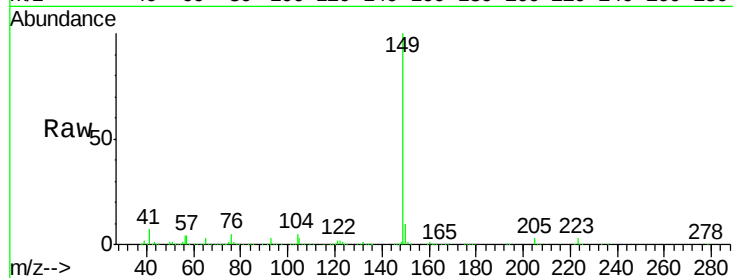
150 9.5 7.8 11.6

104 4.9 3.8 5.8

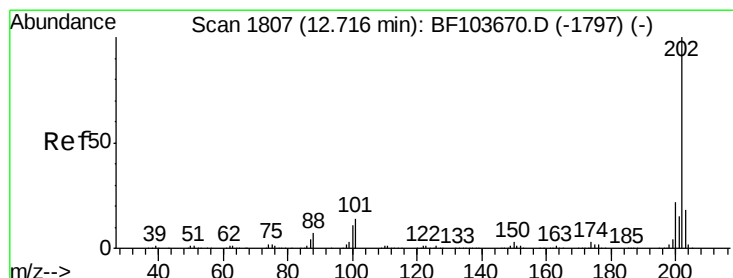
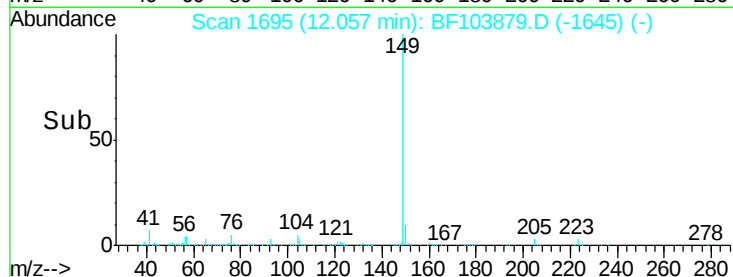
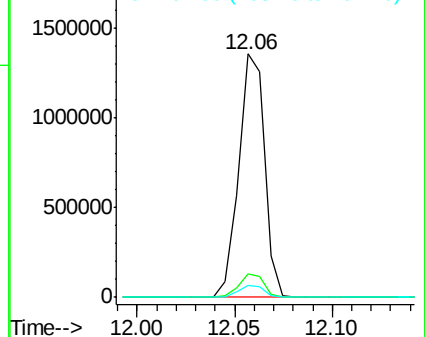
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.264 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

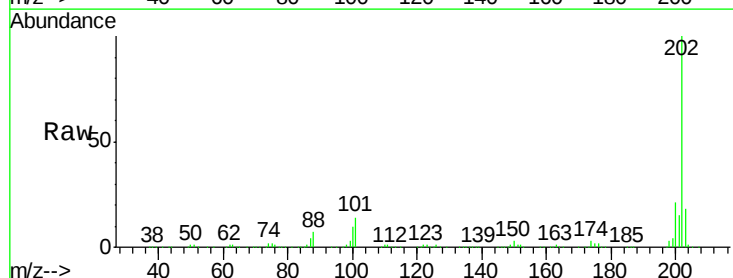
Tgt Ion:202 Resp: 873483

Ion Ratio Lower Upper

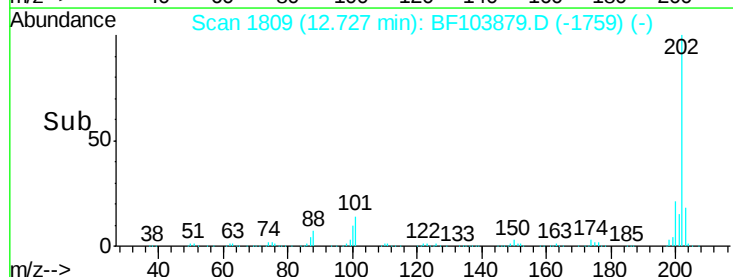
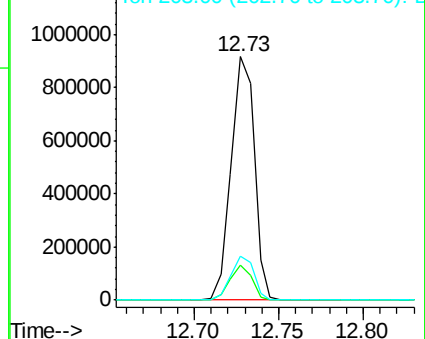
202 100

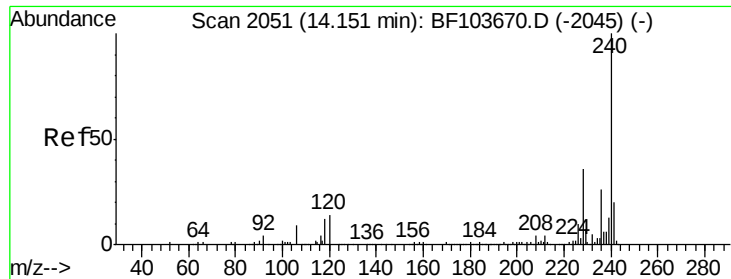
101 14.4 0.0 34.1

203 18.1 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: 14.17 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Instrument :

BNA_F

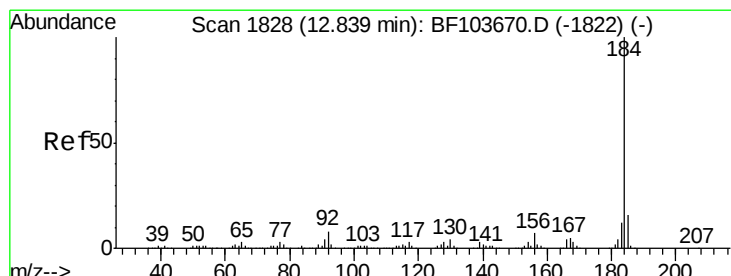
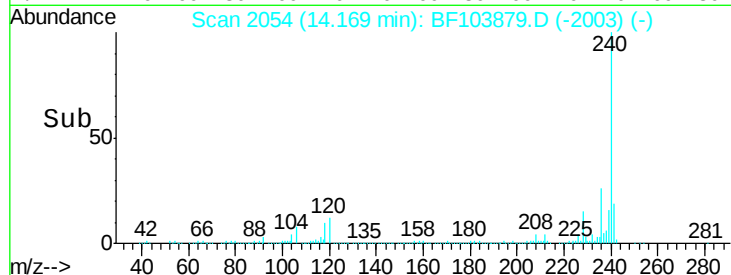
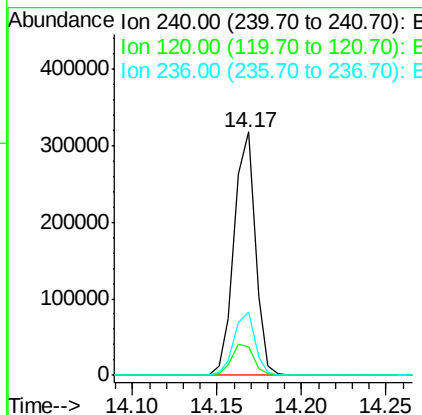
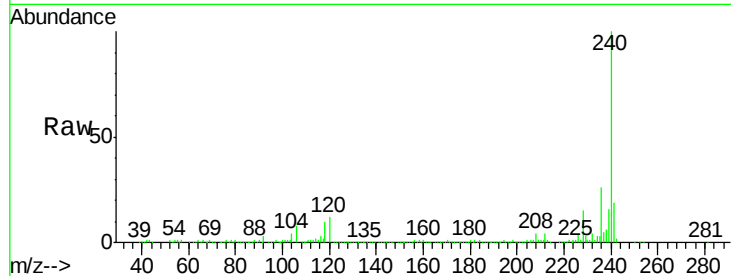
ClientSampleId :

SB-109(15-16)MS

Tot Ion:	240	Resp:	278726
Ion Ratio	Lower	Upper	
240	100		
120	11.9	9.5	14.3
236	25.8	20.7	31.1

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#76

Benzidine

Concen: 44.038 ng

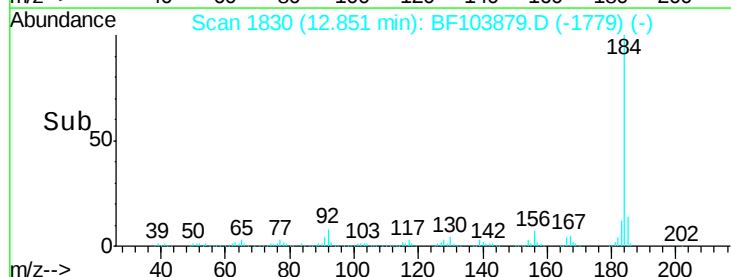
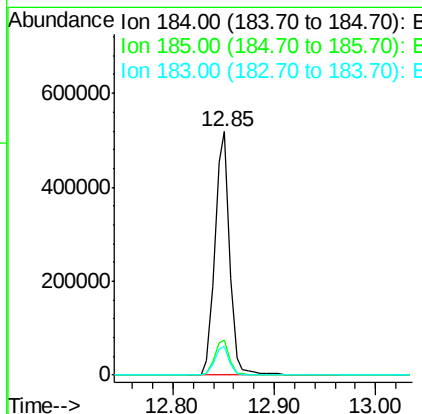
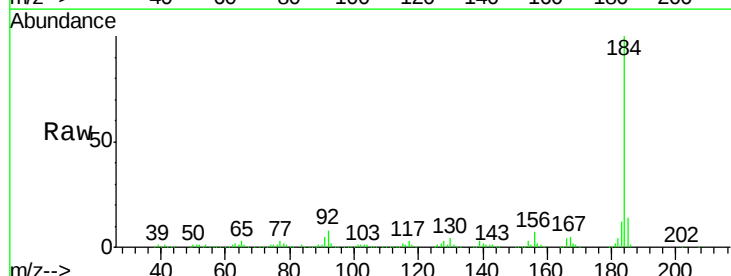
RT: 12.85 min Scan# 1830

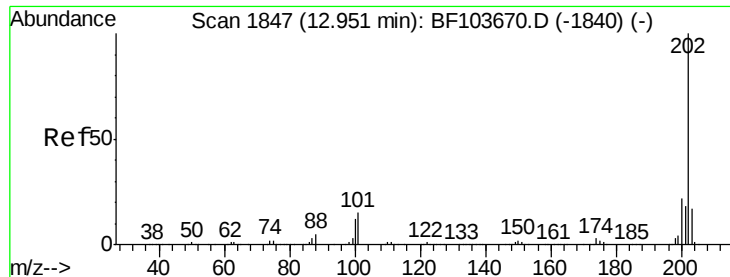
Delta R.T. 0.00 min

Lab File: BF103879.D

Acq: 23 Mar 2018 14:47

Tgt Ion:	184	Resp:	523513
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.6	18.8
183	11.8	9.3	13.9





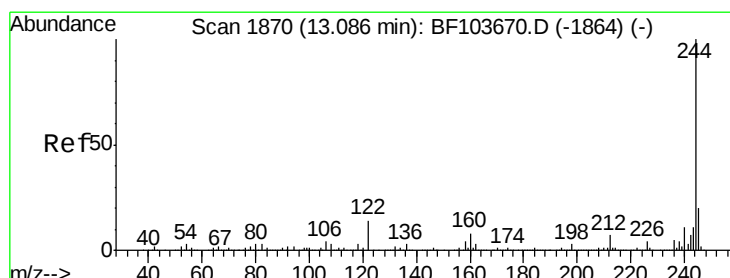
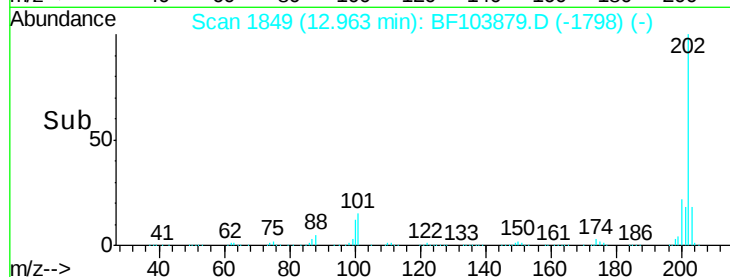
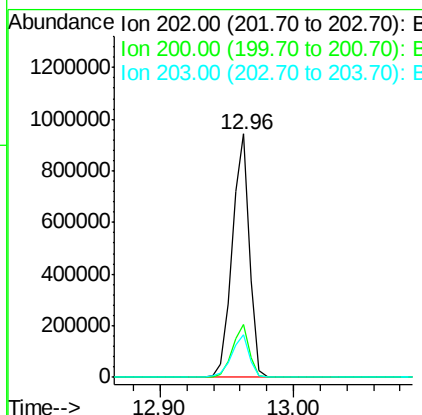
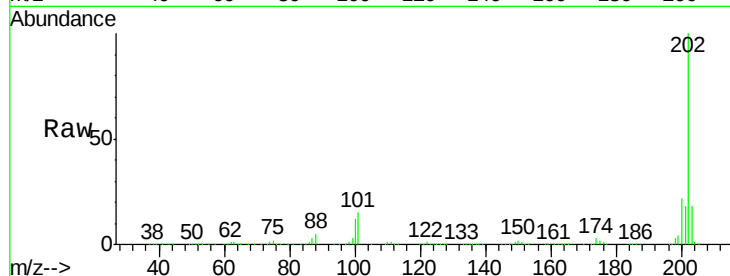
#77
Pvrene
Concen: 41.776 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampleId :
SB-109(15-16)MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.7	14.3	21.5

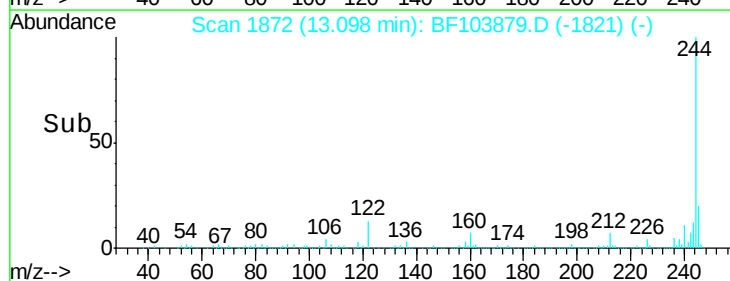
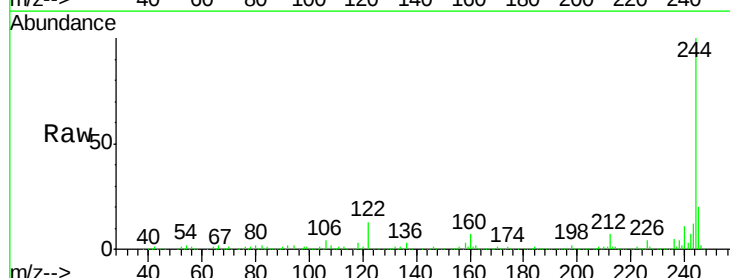
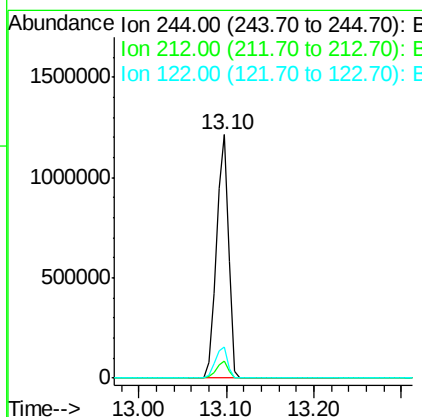
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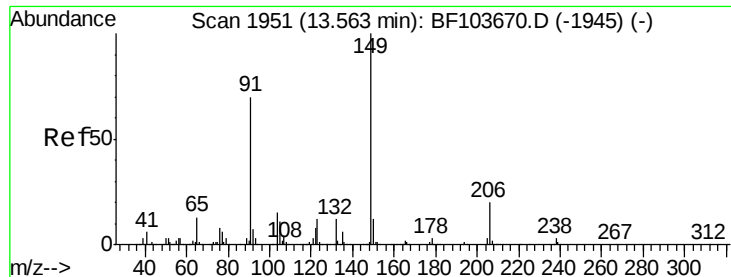
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#78
Terphenyl-d14
Concen: 96.990 ng
RT: 13.10 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.6	11.0	16.4





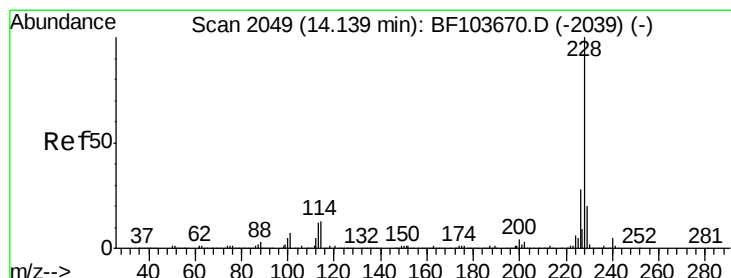
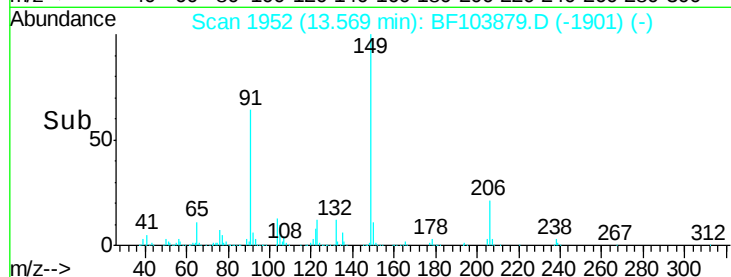
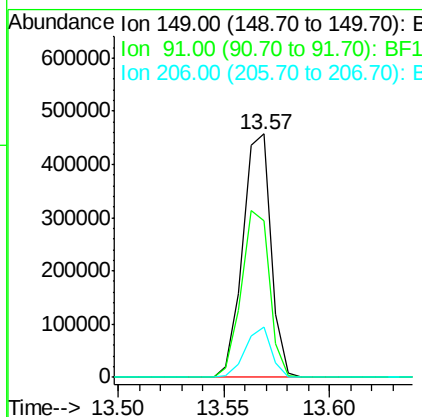
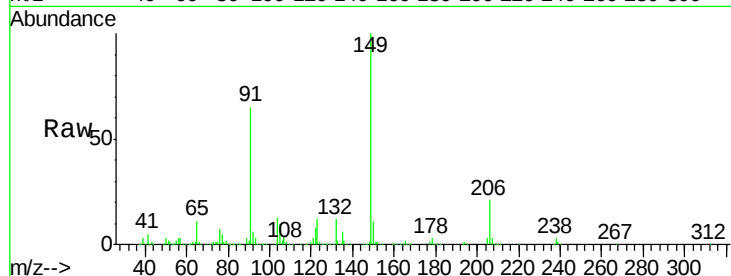
#79
Butylbenzylphthalate
Concen: 46.669 ng
RT: 13.57 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampleId :
SB-109(15-16)MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	64.5	56.8	85.2
206	20.6	14.1	21.1

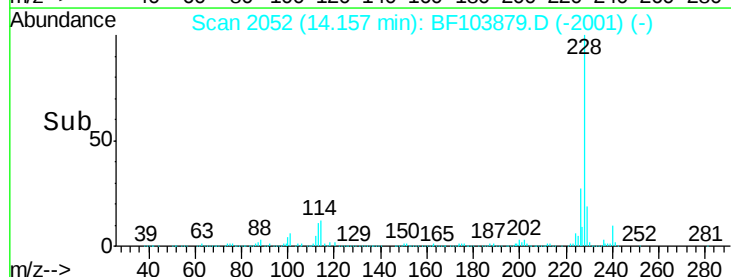
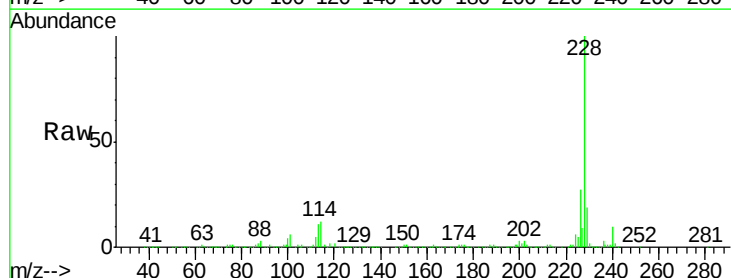
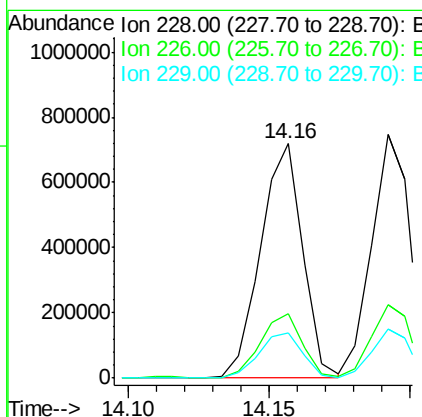
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#80
Benzo(a)anthracene
Concen: 42.073 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.5	15.8	23.6





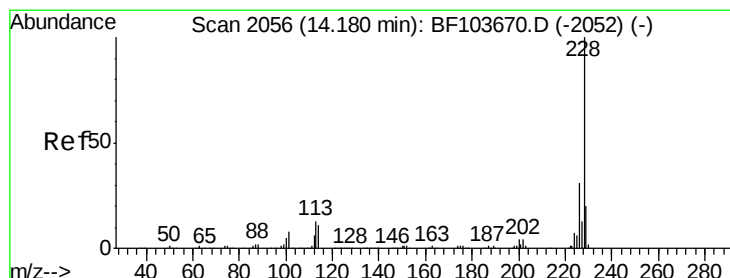
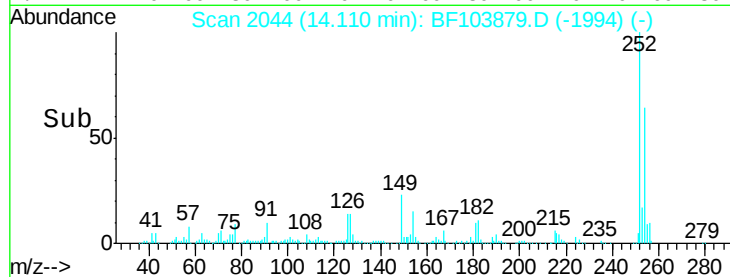
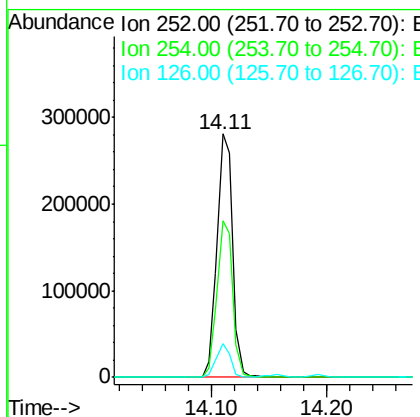
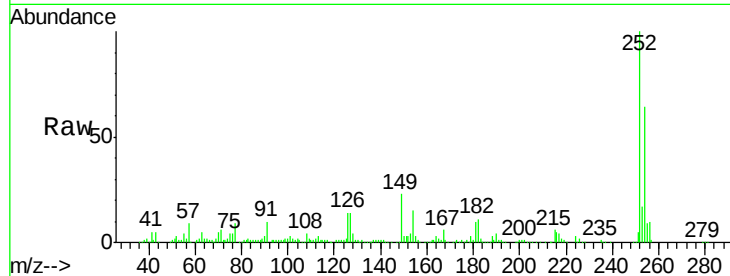
#81
 3,3'-Dichlorobenzidine
 Concen: 44.789 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-109(15-16)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.4	75.6
126	14.0	11.3	16.9

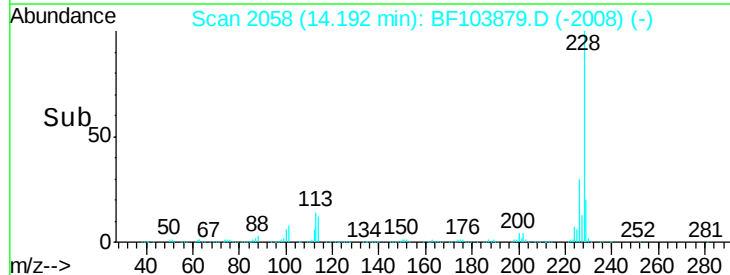
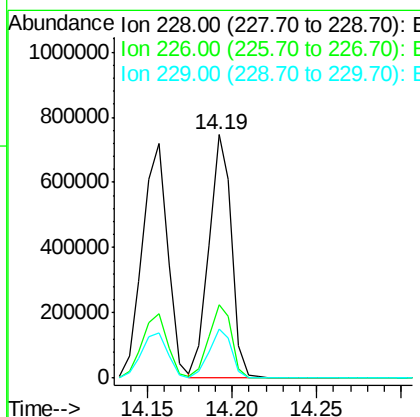
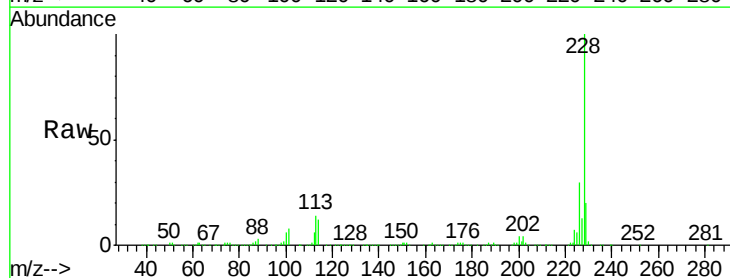
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#82
 Chrysene
 Concen: 41.575 ng
 RT: 14.19 min Scan# 2058
 Delta R.T. -0.01 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	20.2	16.2	24.4





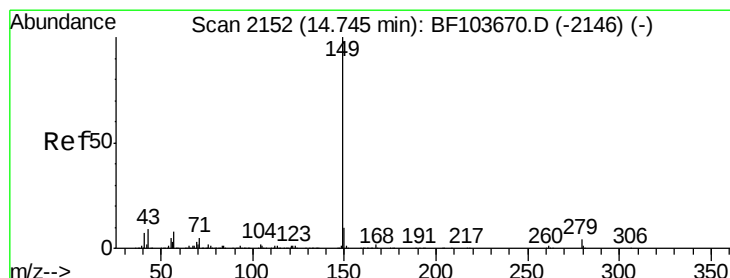
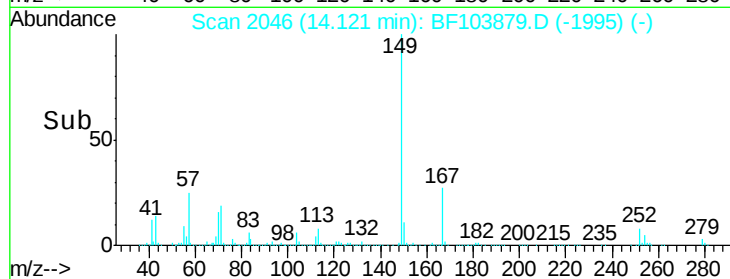
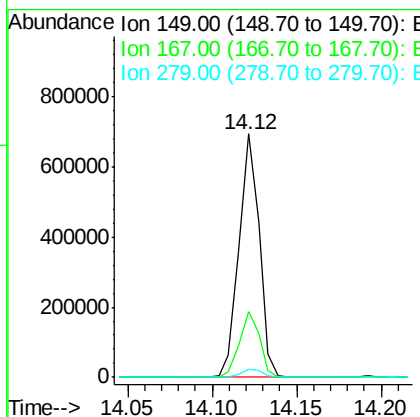
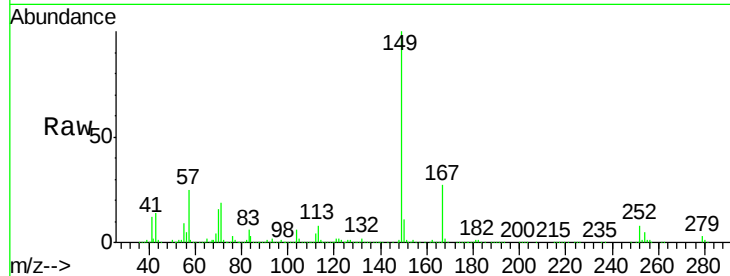
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.805 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-109(15-16)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.3	31.9
279	3.4	3.0	4.4

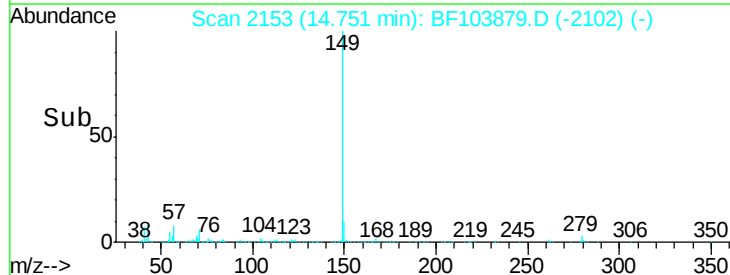
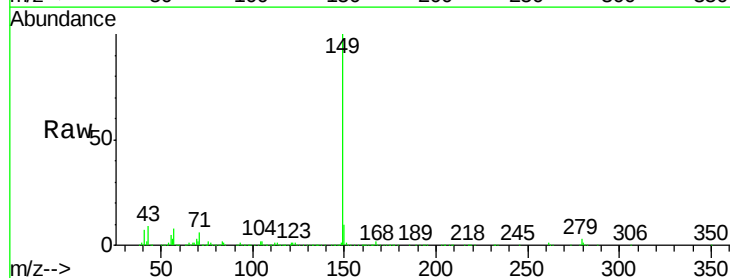
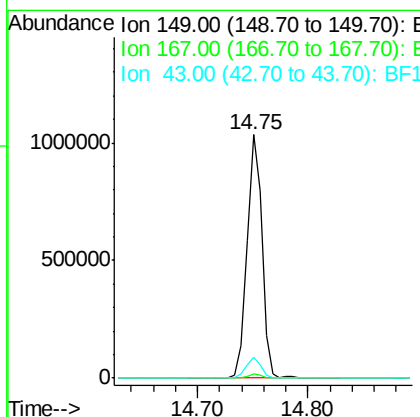
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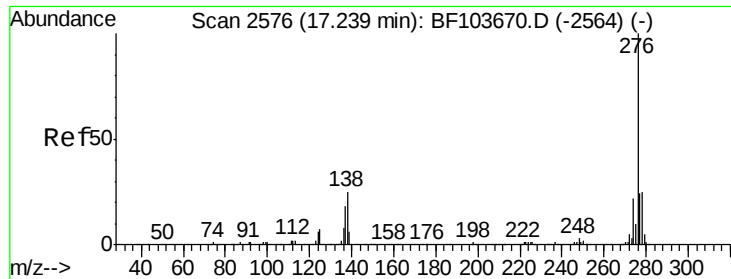
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#84
 Di-n-octyl phthalate
 Concen: 52.143 ng
 RT: 14.75 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.3	8.4	12.6#





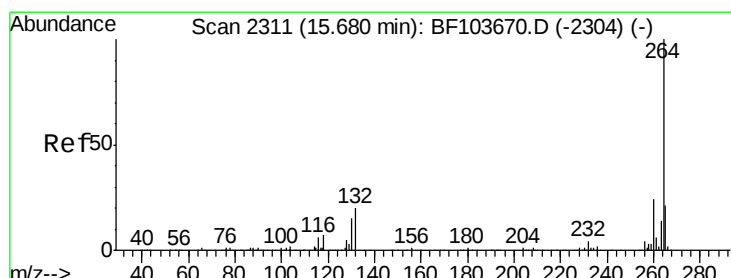
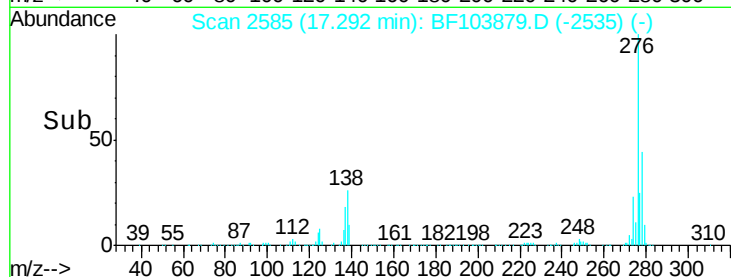
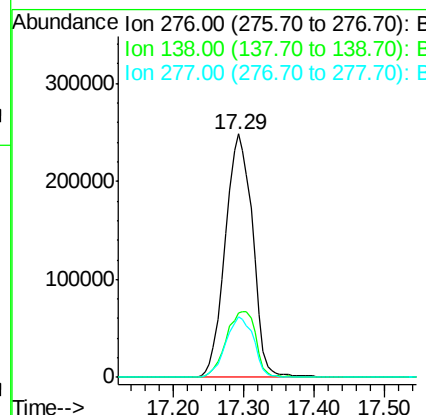
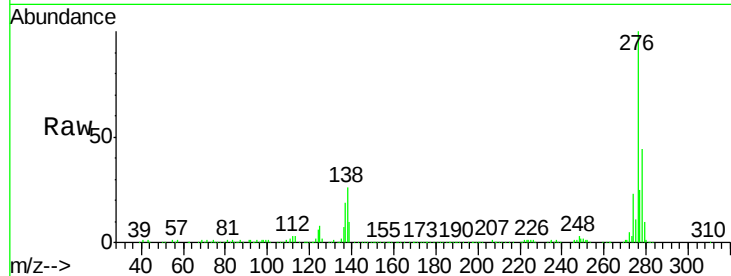
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.634 ng
RT: 17.29 min Scan# 2585
Delta R.T. -0.01 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampleId :
SB-109(15-16)MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.3	25.0	37.6
277	25.5	20.1	30.1

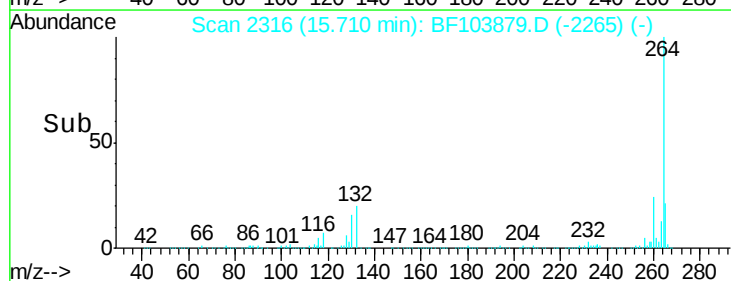
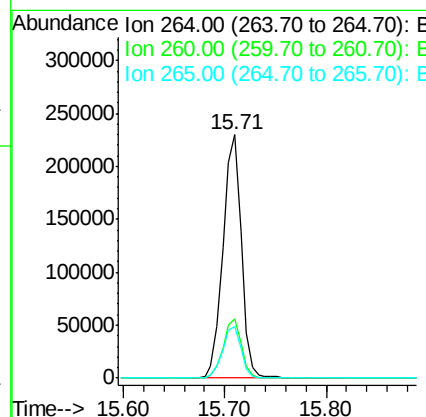
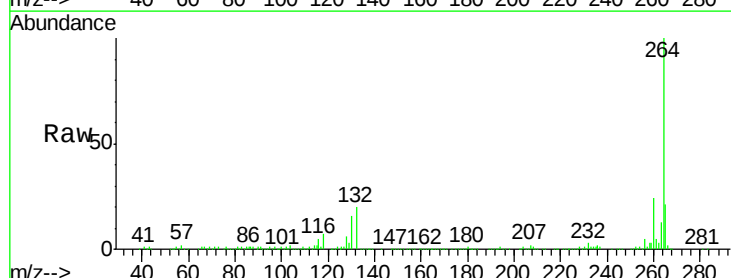
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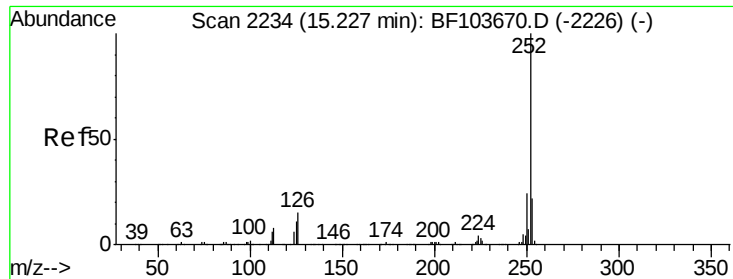
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2316
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.1	17.5	26.3





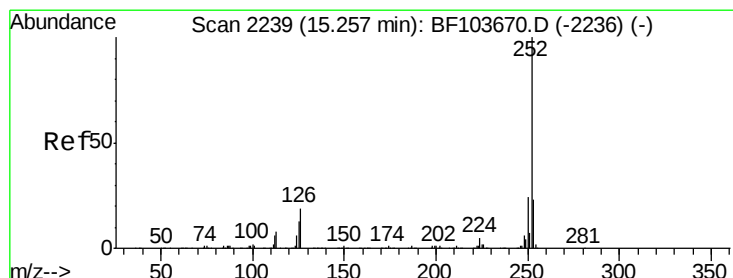
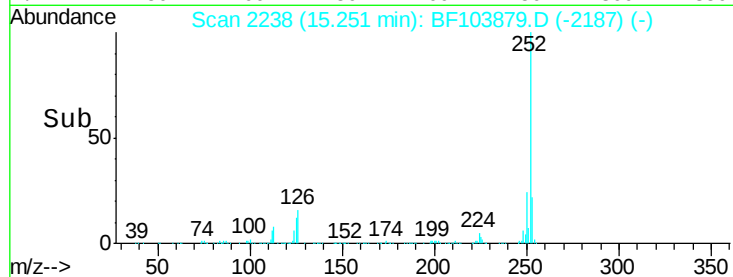
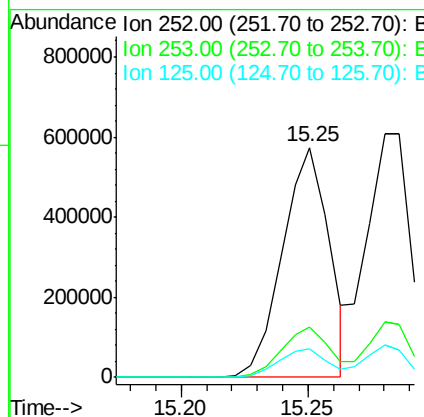
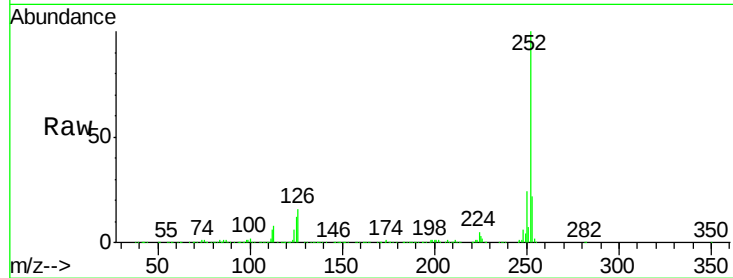
#87
Benzo(b)fluoranthene
Concen: 39.944 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampleId :
SB-109(15-16)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	12.2	9.0	13.6

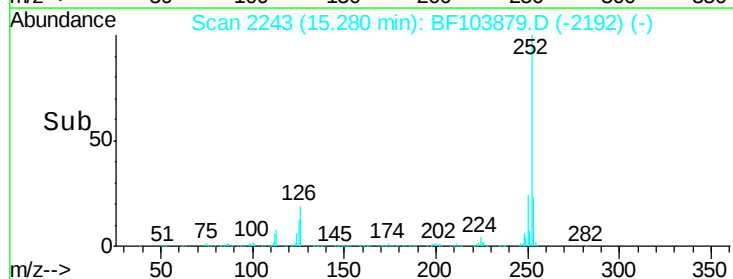
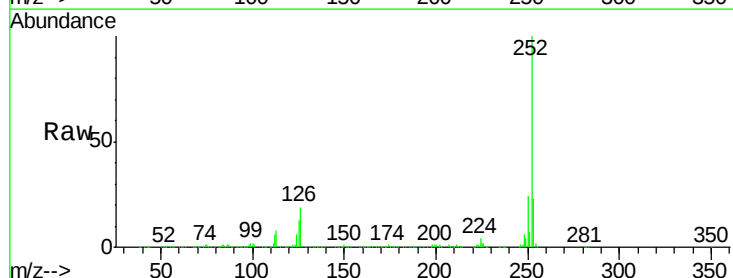
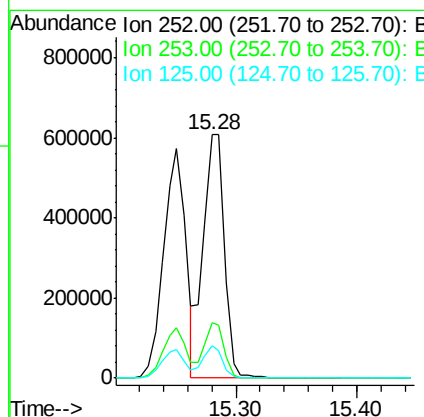
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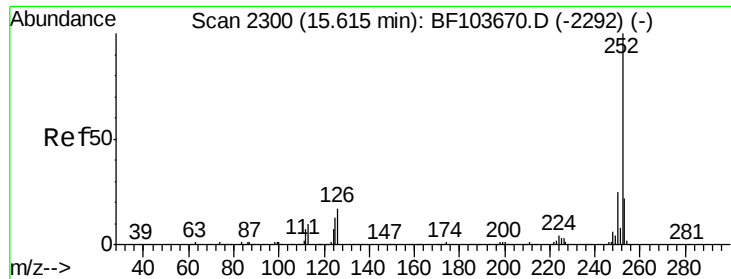
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#88
Benzo(k)fluoranthene
Concen: 41.709 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	13.2	10.2	15.2





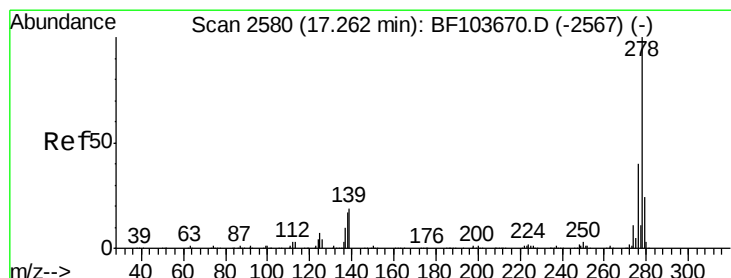
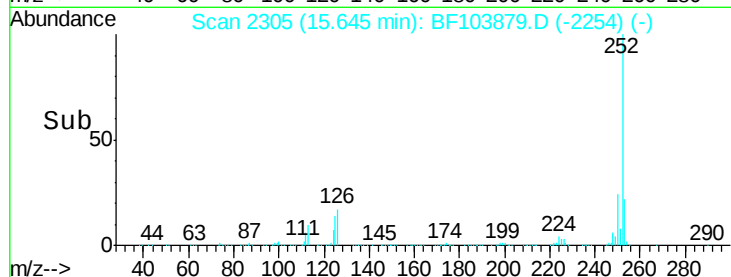
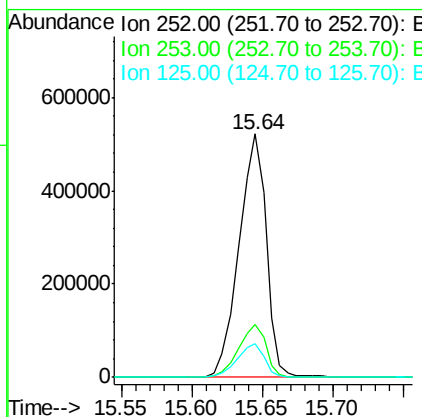
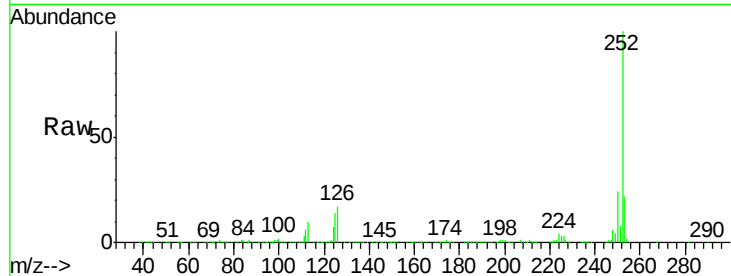
#89
Benzo(a)pyrene
Concen: 42.271 ng
RT: 15.64 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Instrument :
BNA_F
ClientSampleId :
SB-109(15-16)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	14.0	9.8	14.6

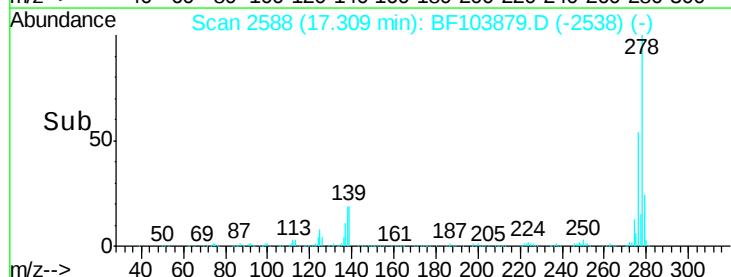
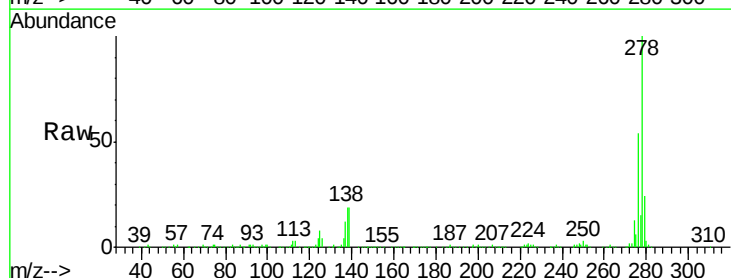
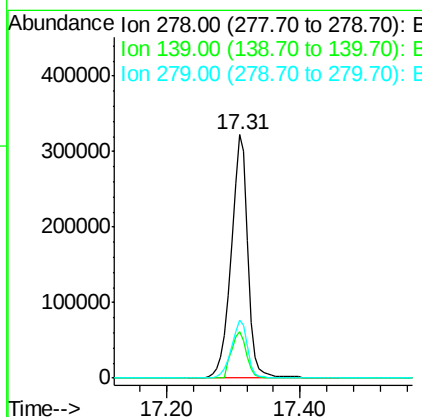
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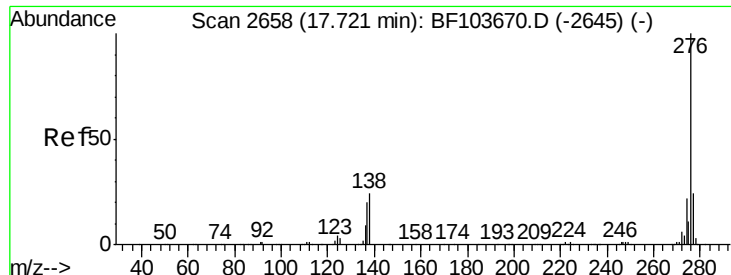
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#90
Dibenzo(a,h)anthracene
Concen: 39.506 ng
RT: 17.31 min Scan# 2588
Delta R.T. -0.01 min
Lab File: BF103879.D
Acq: 23 Mar 2018 14:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	15.9	23.9
279	23.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 36.992 ng
 RT: 17.78 min Scan# 2668
 Delta R.T. 0.00 min
 Lab File: BF103879.D
 Acq: 23 Mar 2018 14:47

Instrument :
 BNA_F
 ClientSampleId :
 SB-109(15-16)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	24.4	21.8	32.8

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