

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103950.D
 Acq On : 27 Mar 2018 2:28
 Operator : JU/SJ
 Sample : J2046-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PF-01MS

Manual Integrations
 APPROVED

Sohil
 3/27/2018 2:16:04 PM

Quant Time: Mar 27 08:44:32 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	135988	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	549340	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	249674	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	404026	20.00	ng	0.00
75) Chrysene-d12	14.17	240	247886	20.00	ng	0.00
86) Perylene-d12	15.71	264	239779	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1081556	120.97	ng	0.02
7) Phenol-d6	6.61	99	1348749	123.30	ng	0.01
23) Nitrobenzene-d5	7.55	82	817811	103.82	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	320284	149.20	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1371659	87.63	ng	0.00
78) Terphenyl-d14	13.10	244	1127362	105.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.89	88	157574	35.793	ng	# 89
3) Pyridine	3.66	79	444111	36.676	ng	# 85
4) n-Nitrosodimethylamine	3.62	42	172833	38.710	ng	79
6) Aniline	6.65	93	450121	28.819	ng	95
8) 2-Chlorophenol	6.77	128	429114	45.816	ng	93
9) Benzaldehyde	6.53	77	100690	14.012	ng	96
10) Phenol	6.62	94	602737	51.856	ng	99
11) bis(2-Chloroethyl)ether	6.72	93	405113	42.220	ng	92
12) 1,3-Dichlorobenzene	6.92	146	450092	42.194	ng	97
13) 1,4-Dichlorobenzene	6.99	146	450083	41.989	ng	99
14) 1,2-Dichlorobenzene	7.15	146	417136	41.937	ng	98
15) Benzyl Alcohol	7.12	79	361619	42.668	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	516062	37.814	ng	91
17) 2-Methylphenol	7.22	107	358971	43.039	ng	99
18) Hexachloroethane	7.49	117	145366	38.553	ng	98
19) n-Nitroso-di-n-propylamine	7.39	70	275311	39.274	ng	93
20) 3+4-Methylphenols	7.37	107	432105	40.823	ng	93
22) Acetophenone	7.39	105	551806	39.084	ng	# 94
24) Nitrobenzene	7.56	77	433590	46.884	ng	95
25) Isophorone	7.80	82	798832	43.806	ng	98
26) 2-Nitrophenol	7.87	139	224715	60.743	ng	95
27) 2,4-Dimethylphenol	7.90	122	385153	49.302	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	525949	47.630	ng	99
29) 2,4-Dichlorophenol	8.12	162	353775	49.775	ng	97
30) 1,2,4-Trichlorobenzene	8.20	180	358674	43.510	ng	98
31) Naphthalene	8.28	128	1183371	42.644	ng	99
32) Benzoic acid	7.97	122	24298	13.404	ng	94
33) 4-Chloroaniline	8.32	127	189589	16.285	ng	98
34) Hexachlorobutadiene	8.39	225	189085	41.836	ng	99
35) Caprolactam	8.70	113	118796m	48.540	ng	
36) 4-Chloro-3-methylphenol	8.81	107	380149	48.517	ng	97
37) 2-Methylnaphthalene	8.97	142	779445	44.292	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	334277	46.930	ng	99
40) Hexachlorocyclopentadiene	9.12	237	99225	26.997	ng	99

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 PF-01MS

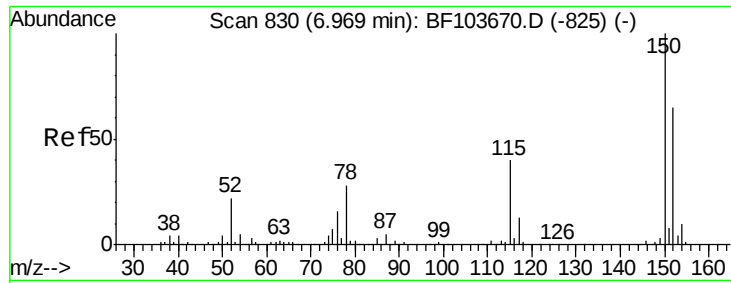
Manual Integrations
 APPROVED

Sohil
 3/27/2018 2:16:04 PM

Quant Time: Mar 27 08:44:32 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)
42) 2,4,6-Trichlorophenol	9.25	196	242684	53.267	nq	99
43) 2,4,5-Trichlorophenol	9.30	196	253464	49.290	nq	94
45) 1,1'-Biphenyl	9.44	154	901637	43.308	nq	98
46) 2-Chloronaphthalene	9.47	162	723997	43.783	nq	97
47) 2-Nitroaniline	9.56	65	225900	51.623	nq	91
48) Acenaphthylene	9.89	152	1077791	42.032	nq	100
49) Dimethylphthalate	9.73	163	990164	51.980	nq	99
50) 2,6-Dinitrotoluene	9.80	165	195255	52.574	nq	# 88
51) Acenaphthene	10.06	154	632094	41.516	nq	99
52) 3-Nitroaniline	9.97	138	159878	37.139	nq	96
53) 2,4-Dinitrophenol	10.08	184	51412	57.694	nq	# 18
54) Dibenzofuran	10.23	168	956467	43.985	nq	99
55) 4-Nitrophenol	10.13	139	324619	92.268	nq	95
56) 2,4-Dinitrotoluene	10.21	165	252628	53.323	nq	90
57) Fluorene	10.57	166	732587	43.416	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.35	232	193677	53.154	nq	93
59) Diethylphthalate	10.43	149	827879	43.788	nq	97
60) 4-Chlorophenyl-phenylether	10.56	204	351073	45.526	nq	98
61) 4-Nitroaniline	10.59	138	190252	45.014	nq	93
62) Azobenzene	10.72	77	740335	38.515	nq	91
64) 4,6-Dinitro-2-methylphenol	10.62	198	61642	43.587	nq	# 71
65) n-Nitrosodiphenylamine	10.68	169	669845	48.708	nq	100
66) 4-Bromophenyl-phenylether	11.05	248	209289	50.452	nq	90
67) Hexachlorobenzene	11.12	284	222749	47.047	nq	# 89
68) Atrazine	11.20	200	211831	49.794	nq	98
69) Pentachlorophenol	11.32	266	219462	80.626	nq	96
70) Phenanthrene	11.54	178	975013	44.116	nq	99
71) Anthracene	11.59	178	983933	43.833	nq	99
72) Carbazole	11.74	167	918142	42.082	nq	99
73) Di-n-butylphthalate	12.06	149	1201937	45.913	nq	99
74) Fluoranthene	12.73	202	889873	39.082	nq	98
76) Benzidine	12.85	184	474172	44.850	nq	97
77) Pyrene	12.96	202	874186	48.020	nq	99
79) Butylbenzylphthalate	13.57	149	438021	54.307	nq	92
80) Benzo(a)anthracene	14.16	228	717276	45.712	nq	98
81) 3,3'-Dichlorobenzidine	14.12	252	252861	48.177	nq	# 98
82) Chrysene	14.20	228	676335	45.217	nq	98
83) Bis(2-ethylhexyl)phthalate	14.12	149	586900	50.936	nq	99
84) Di-n-octyl phthalate	14.75	149	932559	55.632	nq	# 95
85) Indeno(1,2,3-cd)pyrene	17.30	276	654552	50.110	nq	97
87) Benzo(b)fluoranthene	15.25	252	675339	44.581	nq	97
88) Benzo(k)fluoranthene	15.29	252	633875	43.530	nq	98
89) Benzo(a)pyrene	15.65	252	620489	45.159	nq	99
90) Dibenzo(a,h)anthracene	17.32	278	556254	46.754	nq	98
91) Benzo(g,h,i)perylene	17.79	276	522195	45.117	nq	95

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



#1

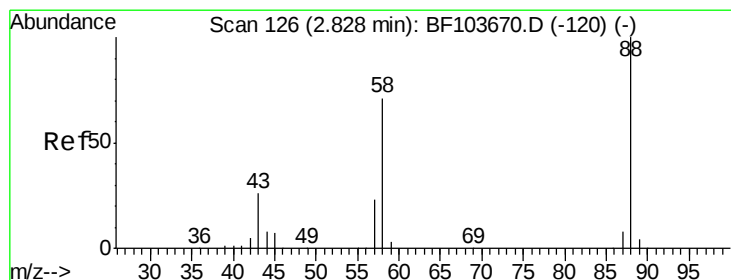
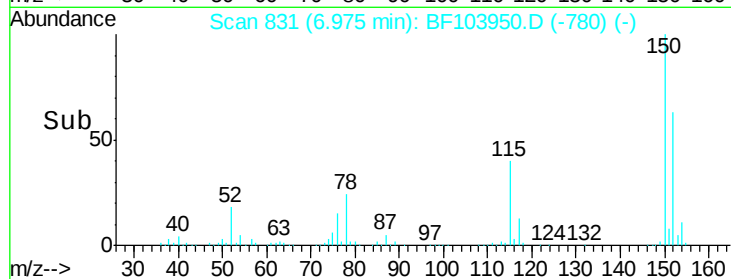
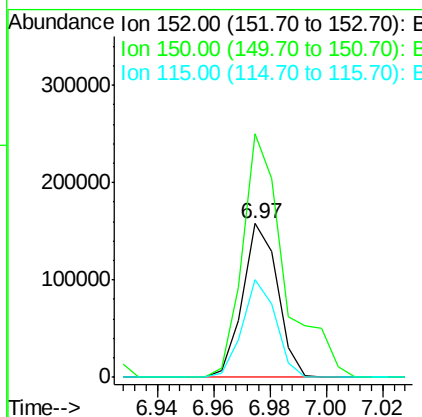
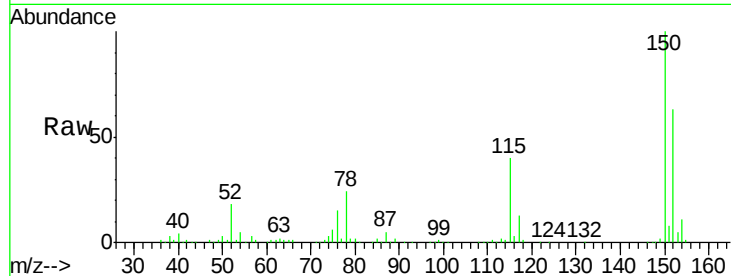
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Instrument :
BNA_F
ClientSampleId :
PF-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	63.9	50.1	75.1

Manual Integrations
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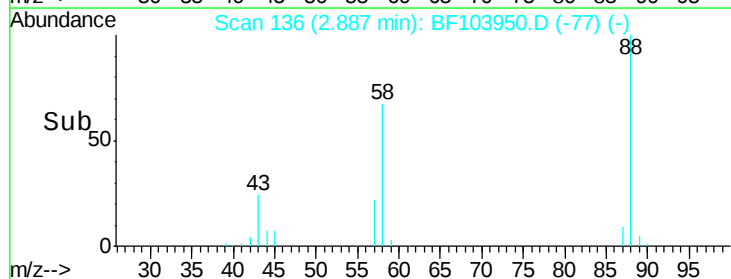
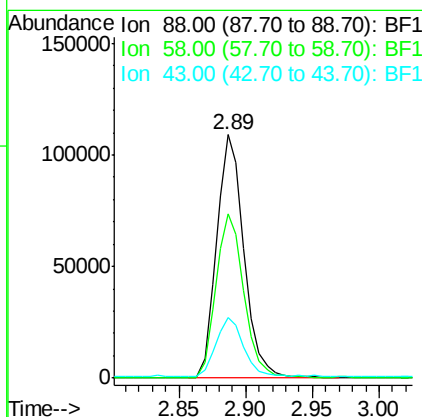
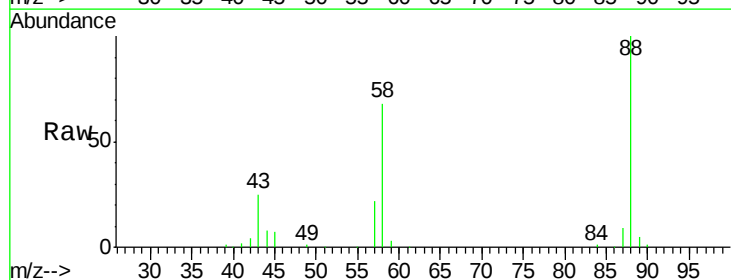
Sohil
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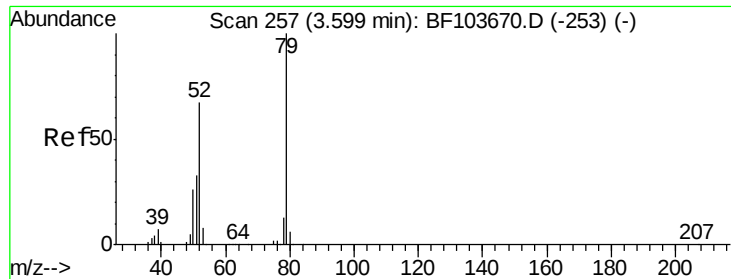


#2

1,4-Dioxane
Concen: 35.793 ng
RT: 2.89 min Scan# 136
Delta R.T. 0.05 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.2	62.6	93.8
43	24.0	24.6	37.0





#3

Pvridine

Concen: 36.676 ng

RT: 3.66 min Scan# 268

Delta R.T. 0.05 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Instrument :

BNA_F

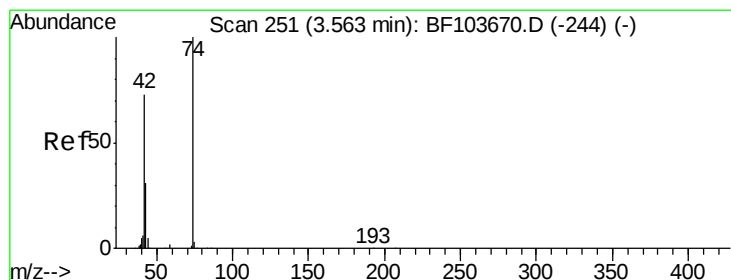
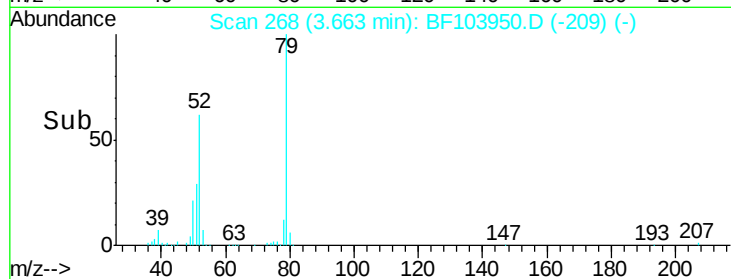
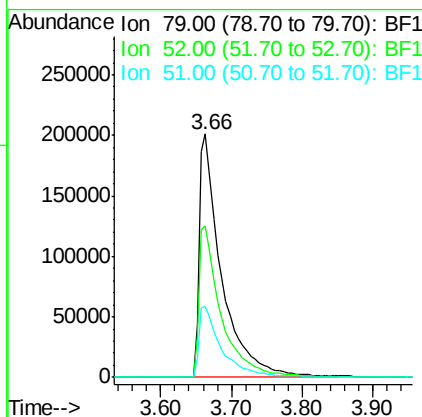
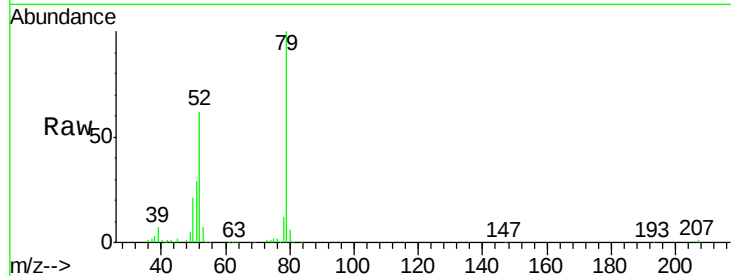
ClientSampled :

PF-01MS

Tot Ion:	79	Resp:	444111
Ion Ratio	Lower	Upper	
79	100		
52	62.0	59.8	89.6
51	29.2	29.8	44.8#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 38.710 ng

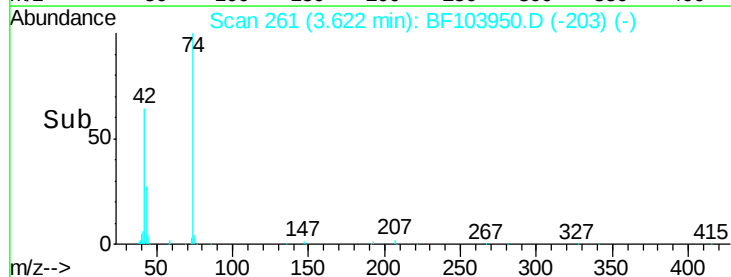
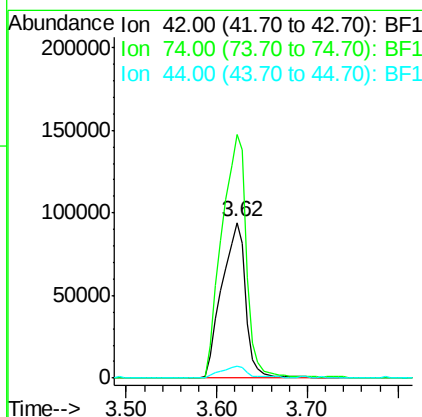
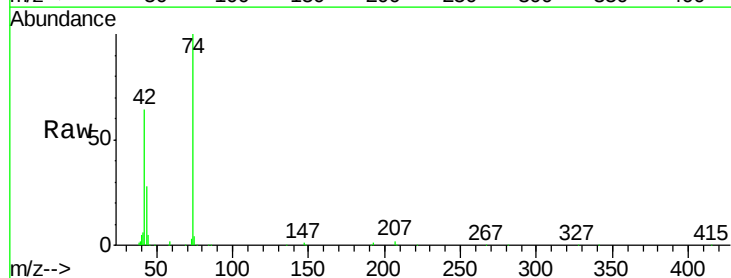
RT: 3.62 min Scan# 261

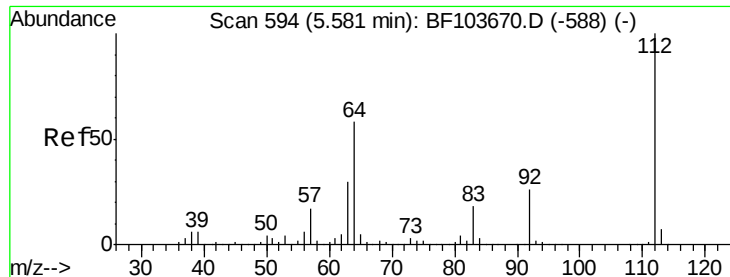
Delta R.T. 0.04 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Tgt Ion:	42	Resp:	172833
Ion Ratio	Lower	Upper	
42	100		
74	156.7	104.9	157.3
44	7.3	6.9	10.3





#5

2-Fluorophenol

Concen: 120.970 ng

RT: 5.61 min Scan# 599

Delta R.T. 0.02 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Instrument :

BNA_F

ClientSampled :

PF-01MS

Tot Ion: 112 Resp: 1081556

Ion Ratio Lower Upper

112 100

64 55.5 47.9 71.9

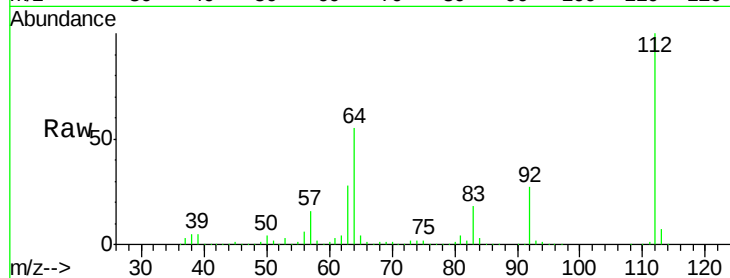
63 28.0 23.7 35.5

Manual Integrations

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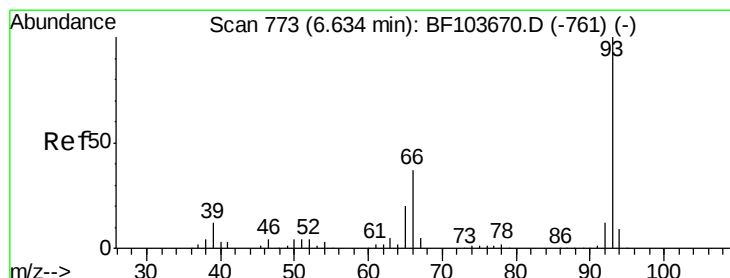
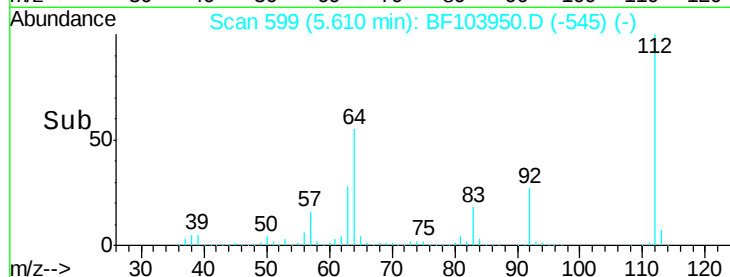
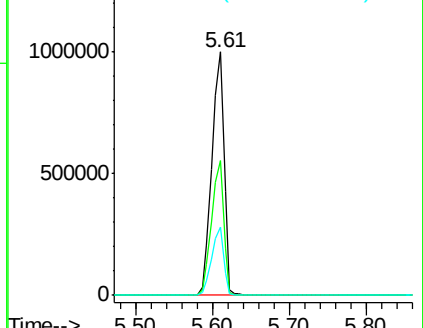
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.819 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

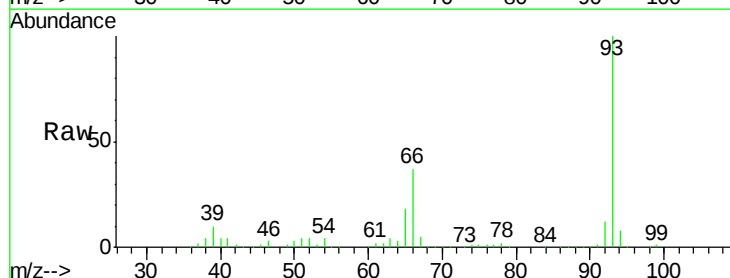
Tgt Ion: 93 Resp: 450121

Ion Ratio Lower Upper

93 100

66 37.3 32.2 48.2

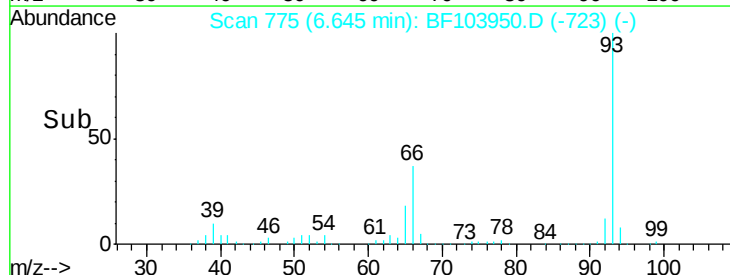
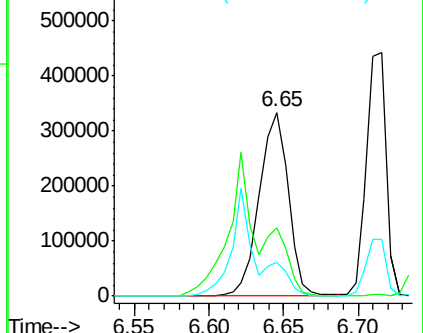
65 18.3 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 123.305 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Instrument :

BNA_F

ClientSampleId :

PF-01MS

Tot Ion: 99 Resp: 1348749

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

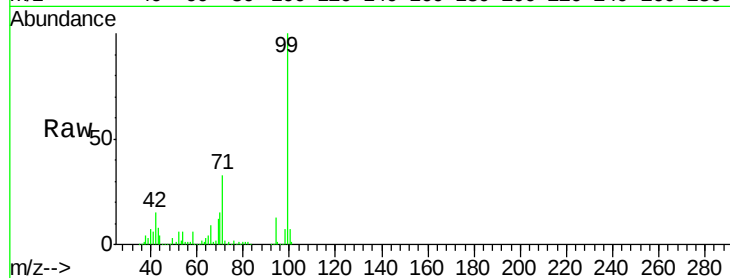
71 32.5 25.4 38.0

Manual Integrations

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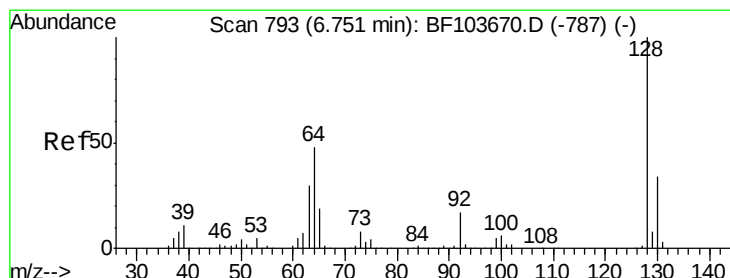
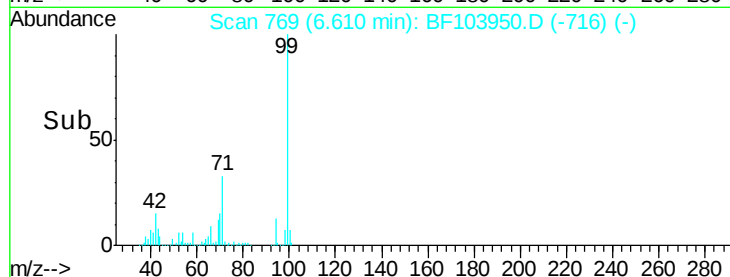
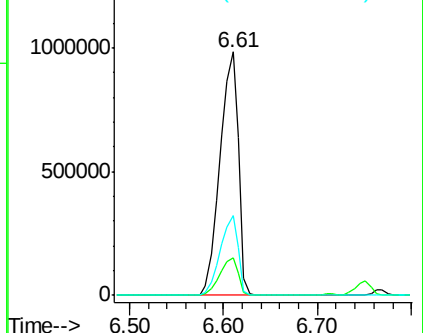
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.816 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.01 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

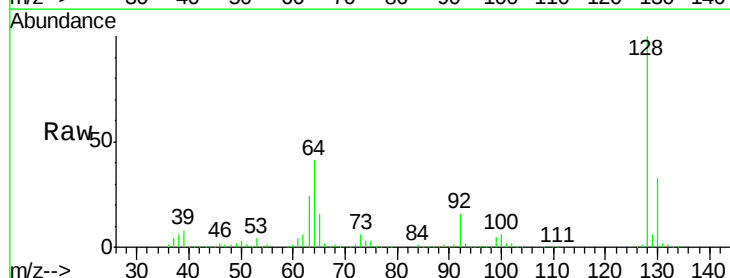
Tgt Ion: 128 Resp: 429114

Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

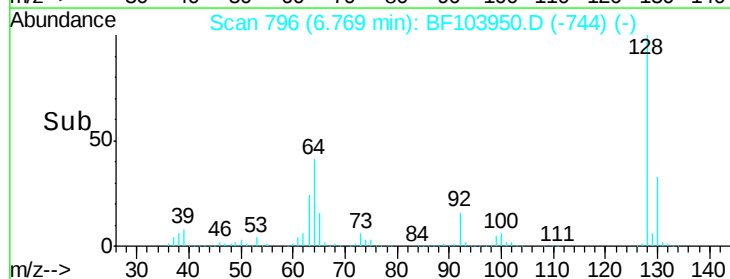
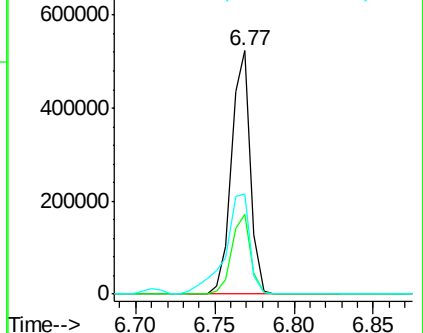
64 41.2 29.4 69.4

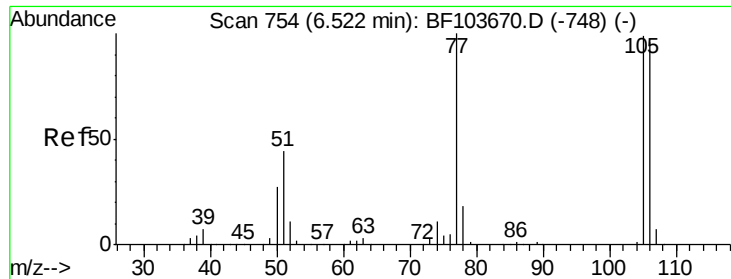


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





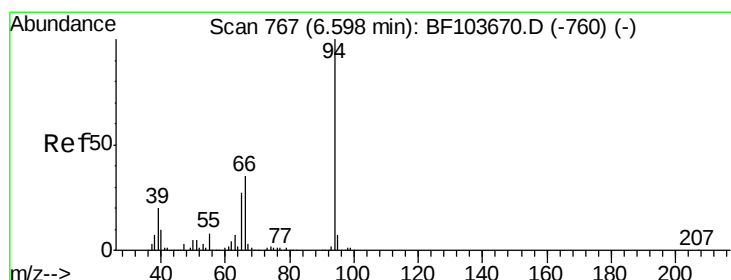
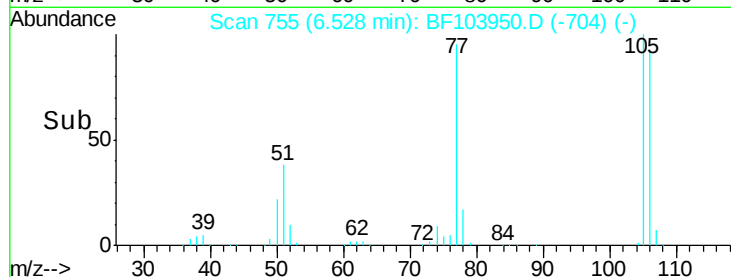
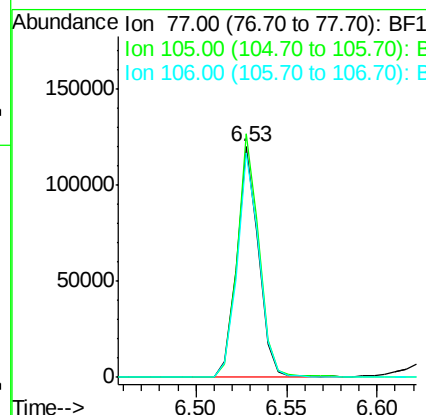
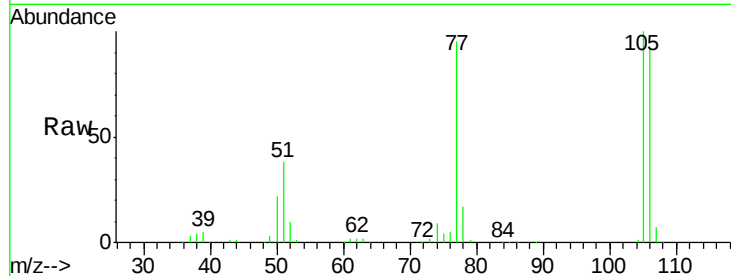
#9
Benzaldehyde
Concen: 14.012 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Instrument :
BNA_F
ClientSampled :
PF-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	105.7	81.1	121.1		
106	97.4	74.5	114.5		

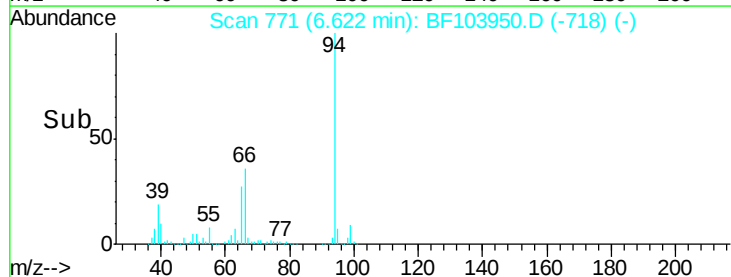
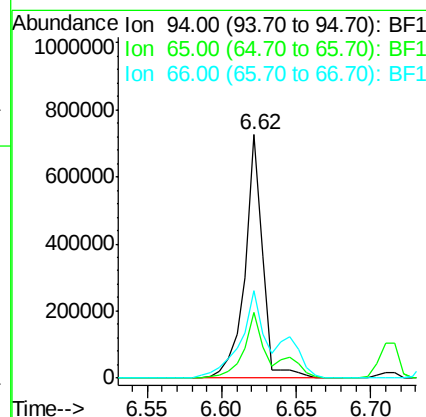
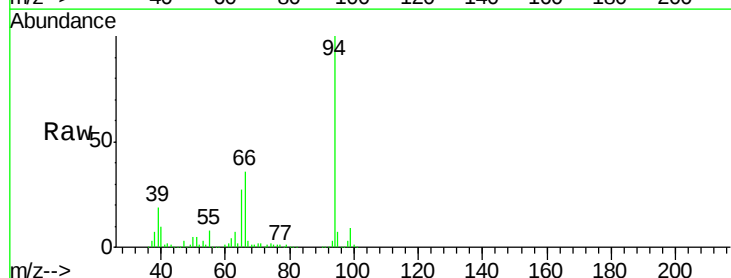
Manual Integrations
APPROVED

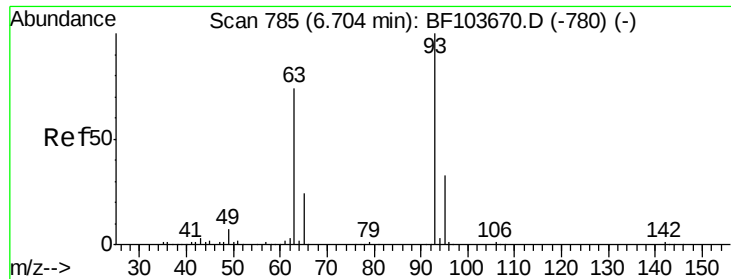
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#10
Phenol
Concen: 51.856 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.01 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	27.0	7.9	47.9		
66	35.9	16.2	56.2		





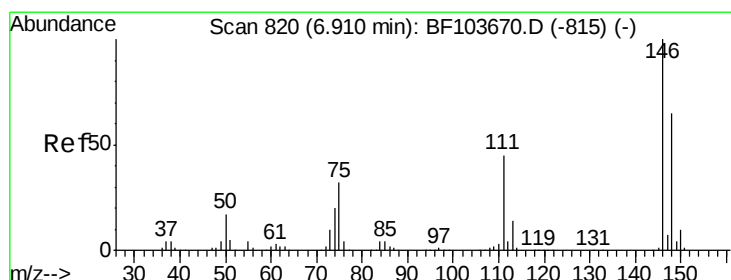
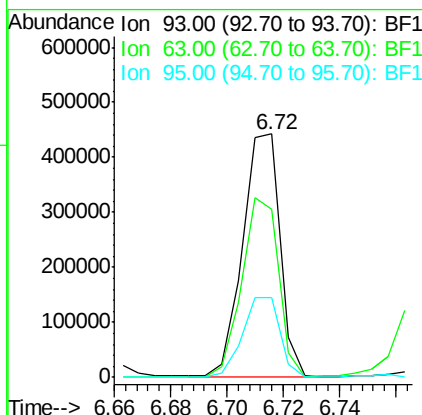
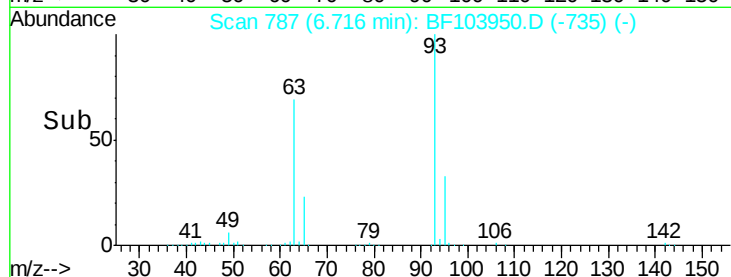
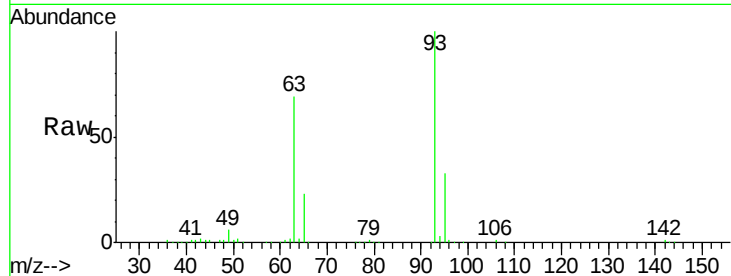
#11
bis(2-Chloroethyl)ether
Concen: 42.220 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Instrument :
BNA_F
ClientSampleId :
PF-01MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	405113		
63	69.1	58.6	98.6	
95	33.0	11.8	51.8	

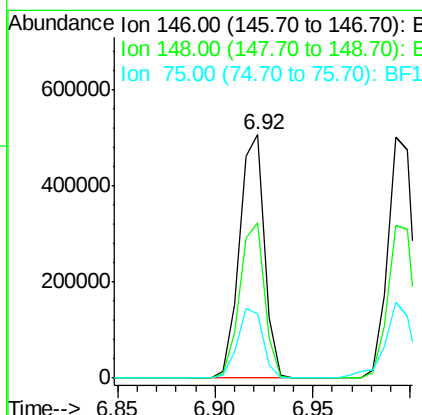
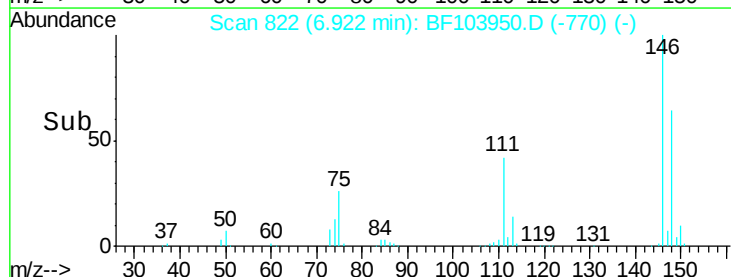
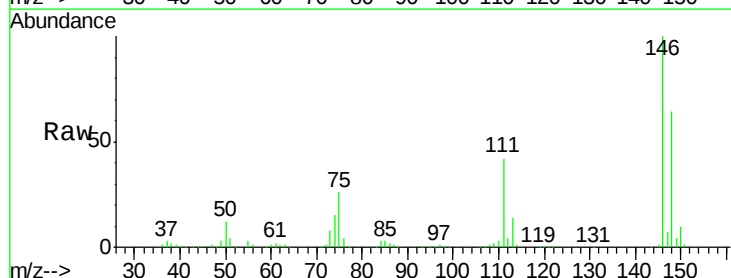
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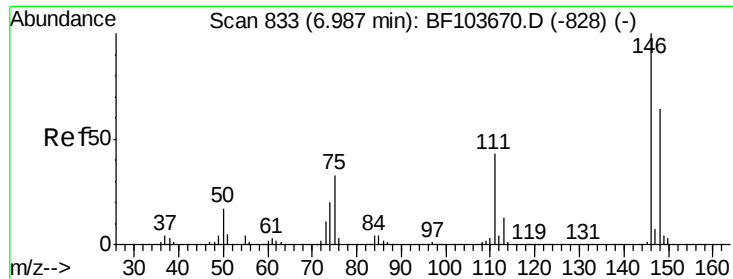
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#12
1,3-Dichlorobenzene
Concen: 42.194 ng
RT: 6.92 min Scan# 822
Delta R.T. 0.01 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	450092		
148	63.6	51.8	77.8	
75	26.3	24.2	36.4	





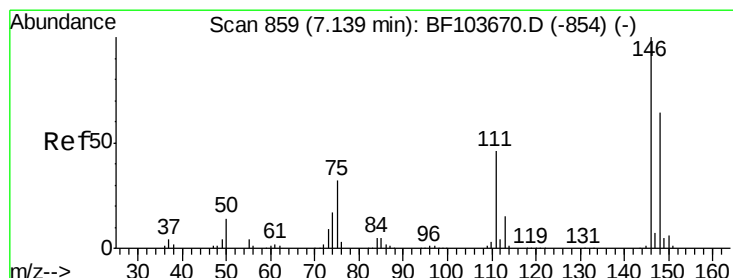
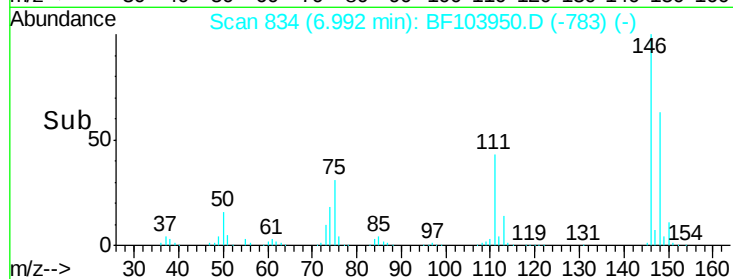
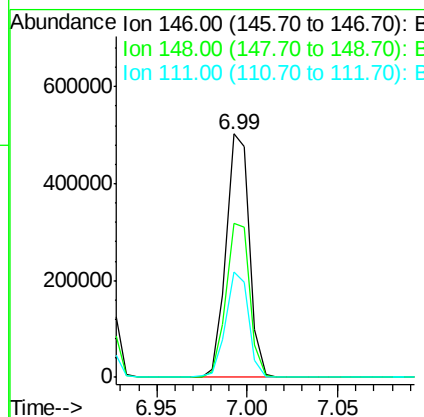
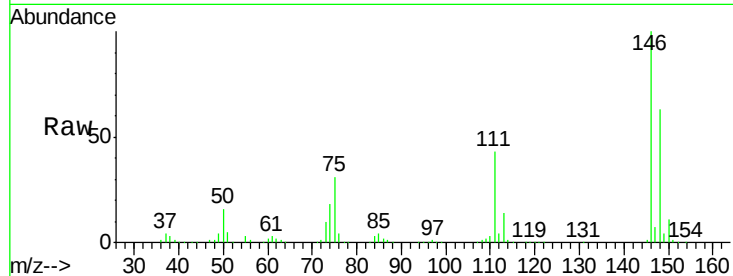
#13
1,4-Dichlorobenzene
Concen: 41.989 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Instrument :
BNA_F
ClientSampled :
PF-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	43.1	34.2	51.2

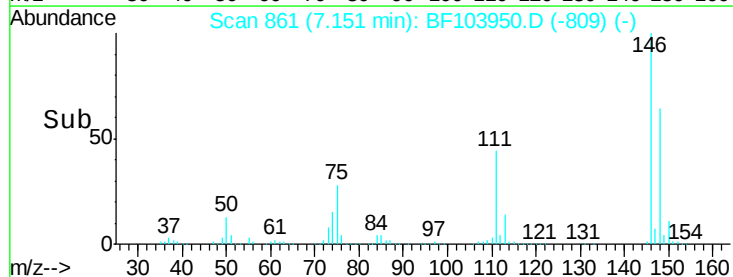
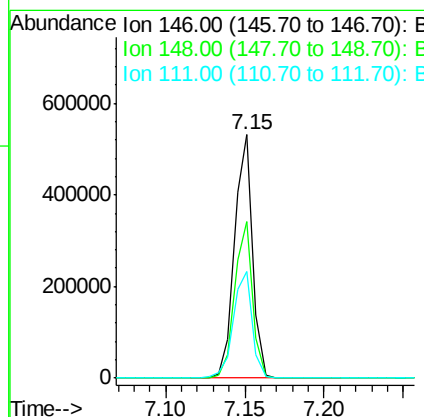
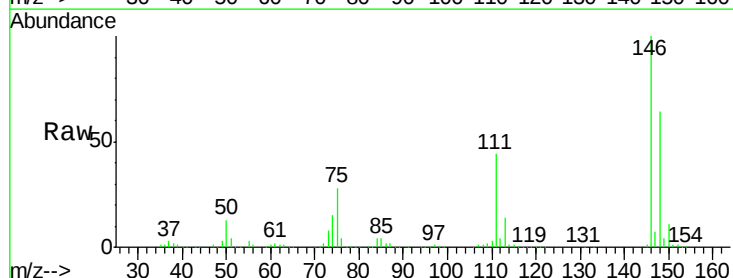
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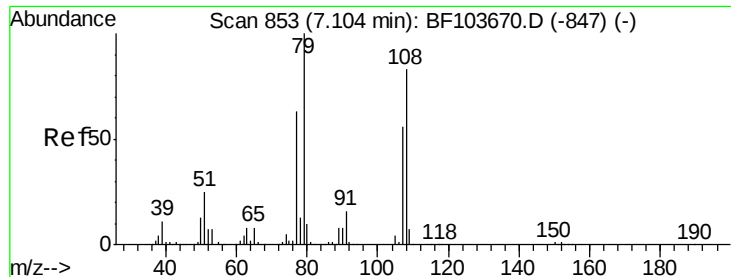
Sohil
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#14
1,2-Dichlorobenzene
Concen: 41.937 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	75.8
111	43.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 42.668 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Instrument :

BNA_F

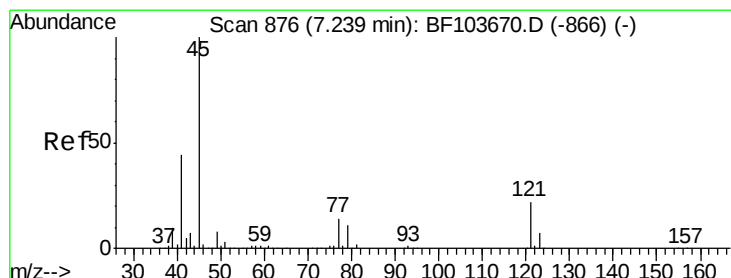
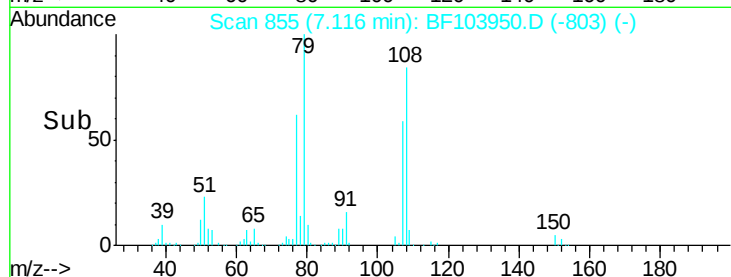
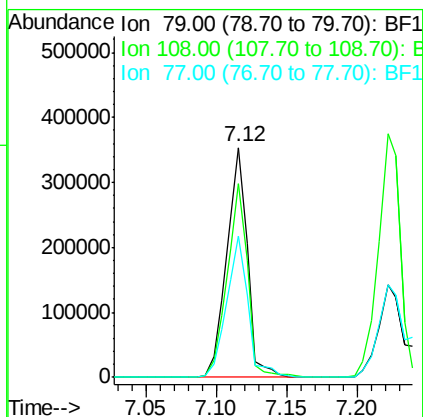
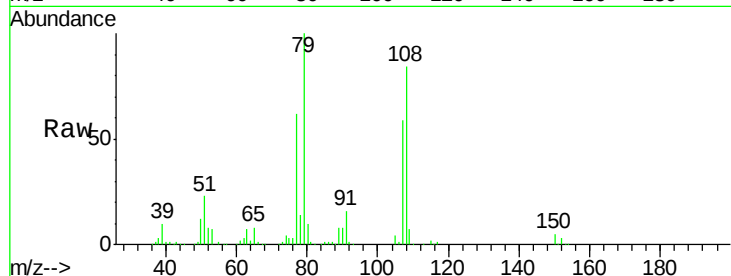
ClientSampled :

PF-01MS

Tot Ion:	79	Resp:	361619
Ion Ratio	Lower	Upper	
79	100		
108	84.3	65.1	97.7
77	61.8	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.814 ng

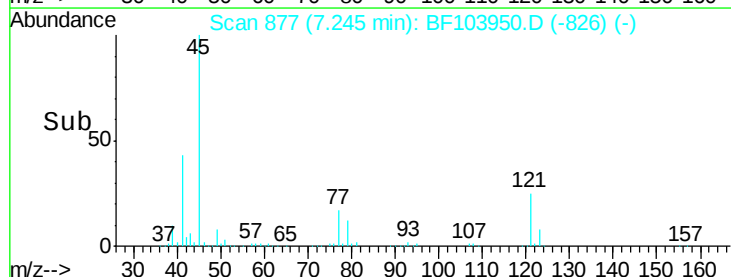
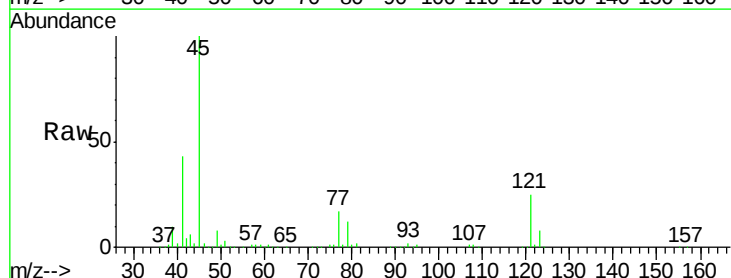
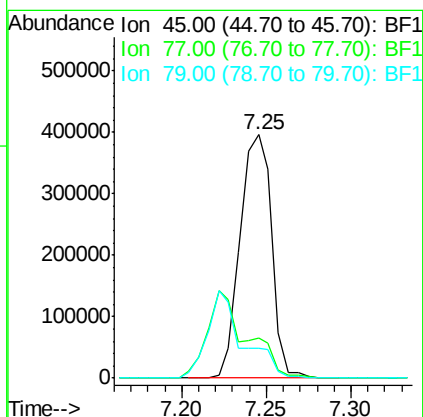
RT: 7.25 min Scan# 877

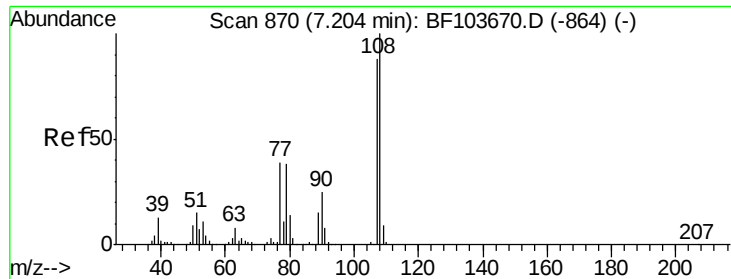
Delta R.T. -0.00 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Tgt Ion:	45	Resp:	516062
Ion Ratio	Lower	Upper	
45	100		
77	16.7	0.0	32.9
79	12.4	0.0	29.6





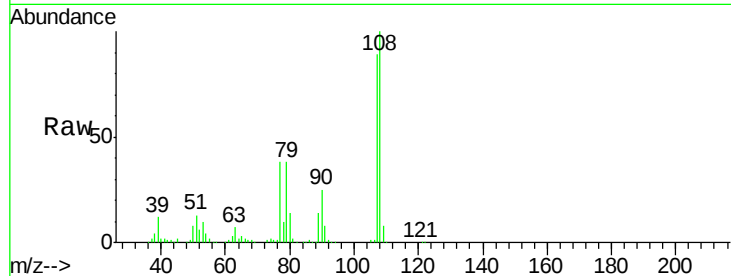
#17
2-Methylphenol
Concen: 43.039 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Instrument :
BNA_F
ClientSampleId :
PF-01MS

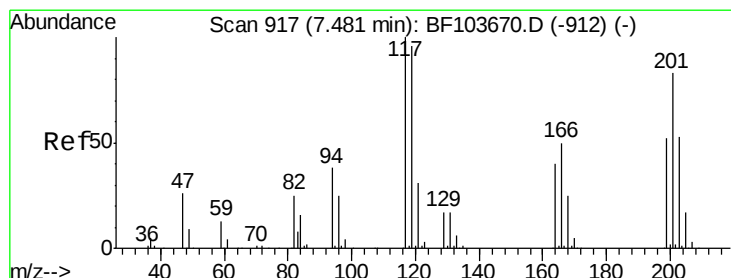
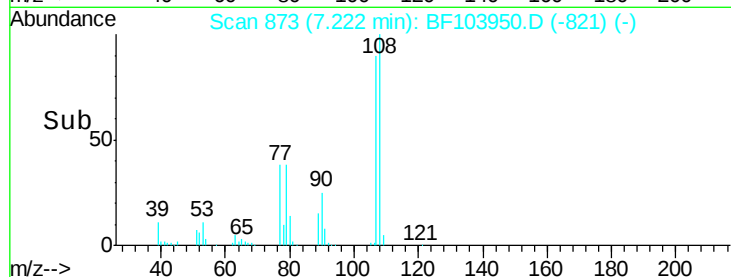
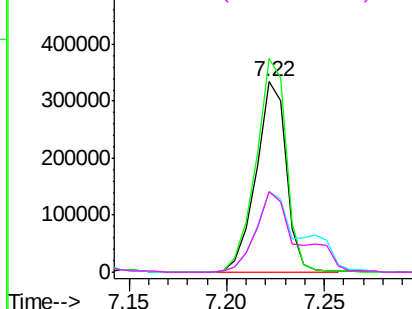
Tot Ion	107	Resp	358971
Ion Ratio	Lower	Upper	
107	100		
108	112.1	91.7	137.5
77	42.6	33.8	50.8
79	42.4	33.8	50.8

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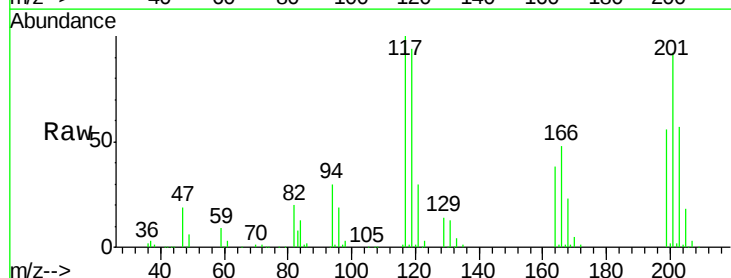


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

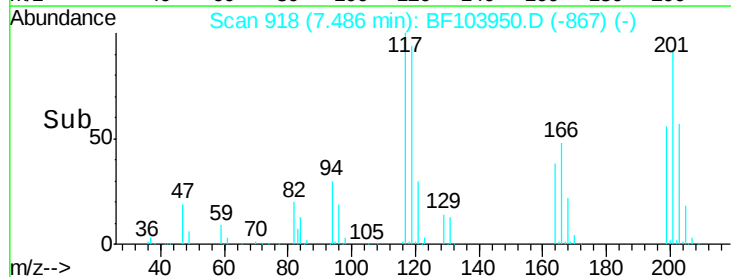
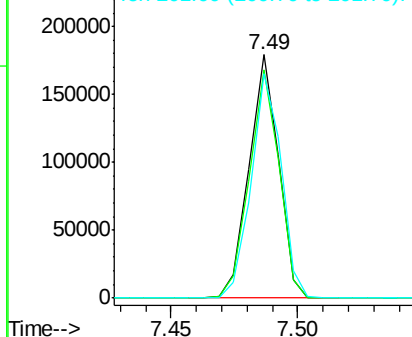


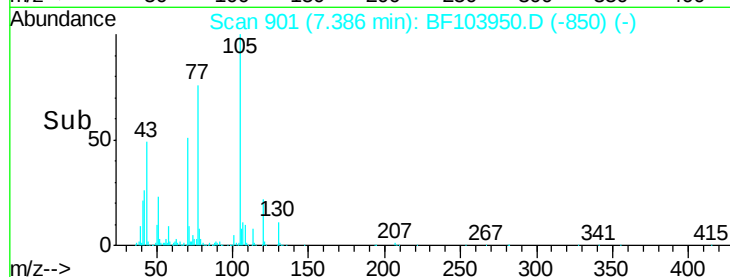
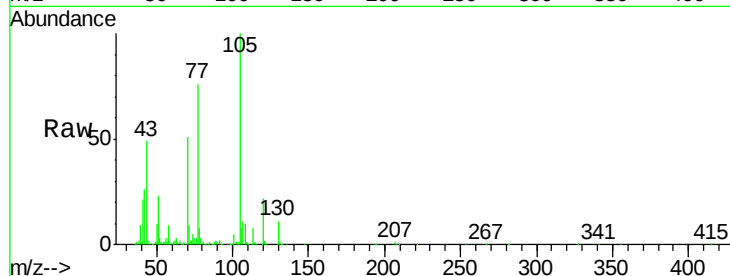
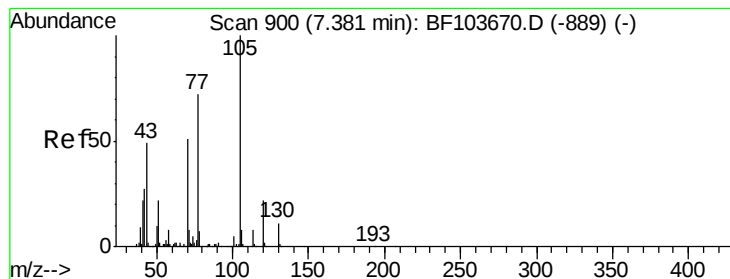
#18
Hexachloroethane
Concen: 38.553 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Tgt Ion	117	Resp	145366
Ion Ratio	Lower	Upper	
117	100		
119	94.0	75.8	113.8
201	92.0	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: 39.274 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Instrument :

BNA_F

ClientSampleId :

PF-01MS

Tot Ion: 70 Resp: 275311

Ion Ratio Lower Upper

70 100

42 52.0 47.5 71.3

101 10.0 7.4 11.2

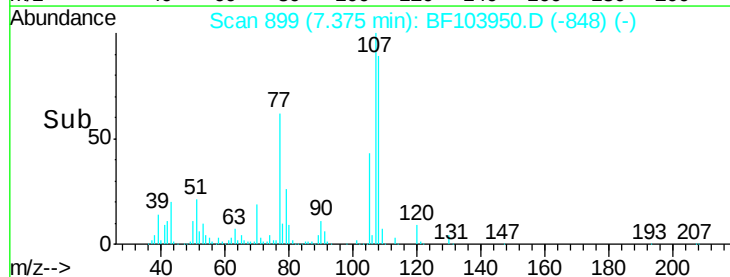
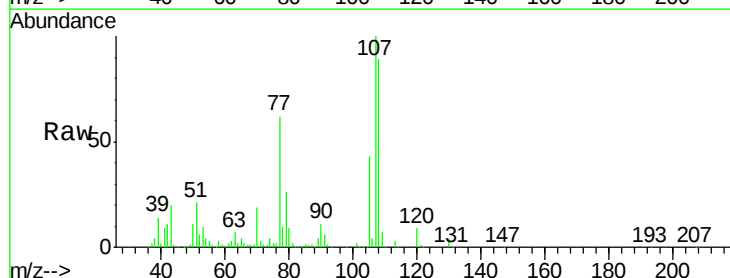
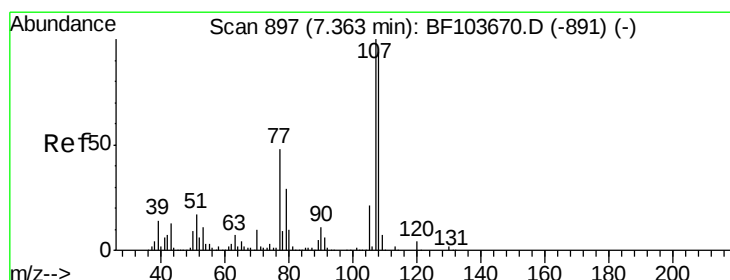
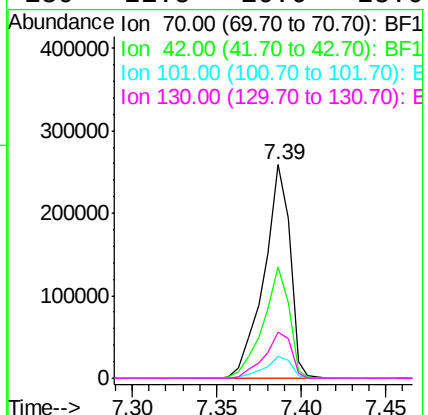
130 21.5 16.6 25.0

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#20

3+4-Methylphenols

Concen: 40.823 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Tgt Ion: 107 Resp: 432105

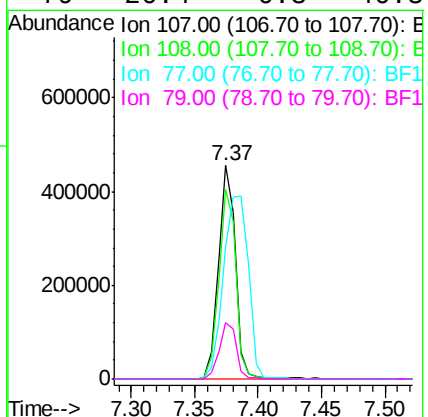
Ion Ratio Lower Upper

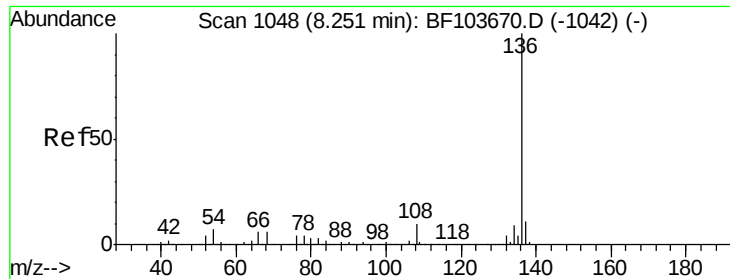
107 100

108 88.8 68.2 108.2

77 62.0 26.7 66.7

79 26.4 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1050

Delta R.T. 0.01 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Instrument :

BNA_F

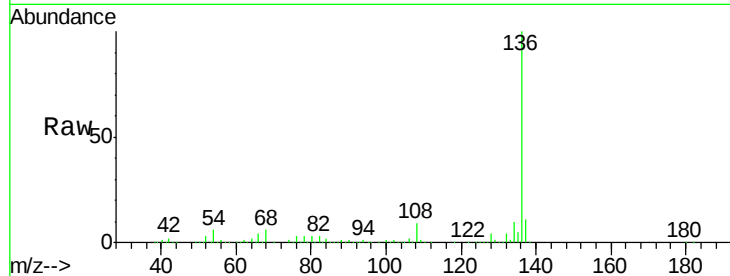
ClientSampleId :

PF-01MS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.2	6.6	9.8#
68	5.5	5.0	7.4

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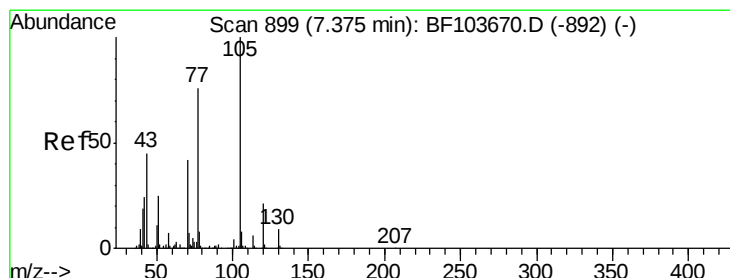
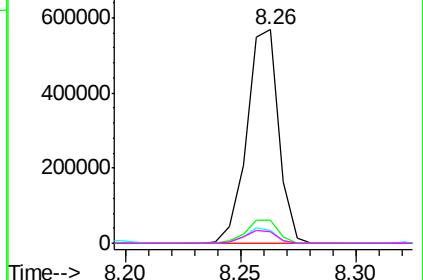
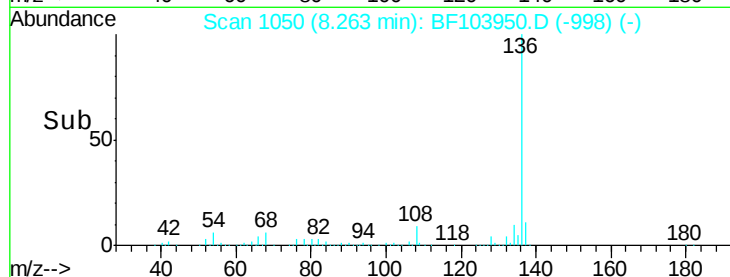


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.084 ng

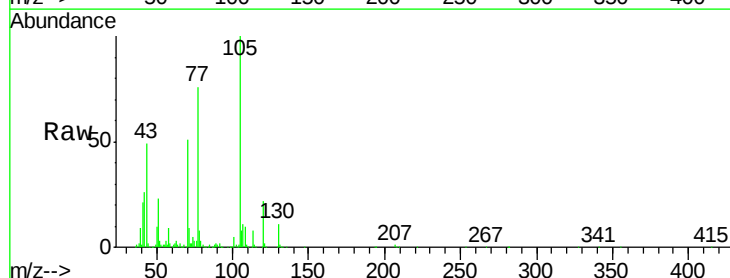
RT: 7.39 min Scan# 901

Delta R.T. -0.00 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	8.6	4.4	6.6#
51	23.2	22.3	33.5
120	22.1	16.9	25.3

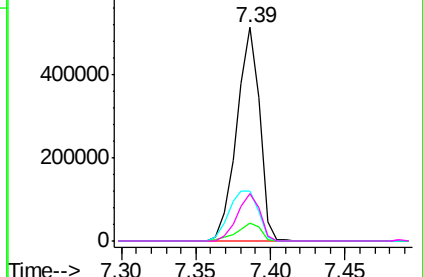
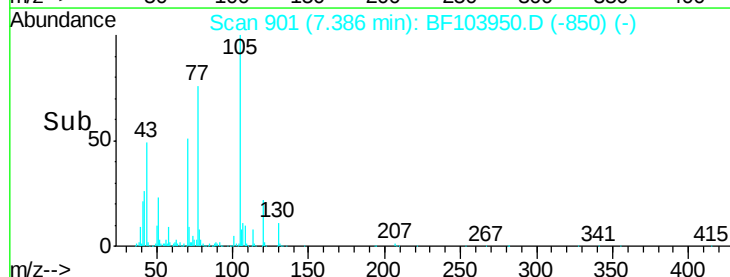


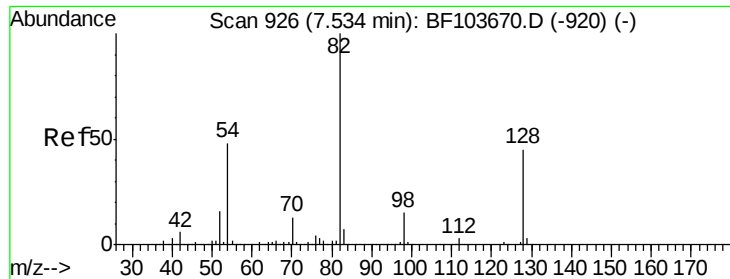
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





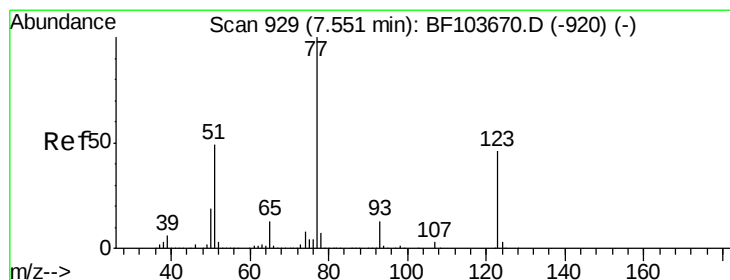
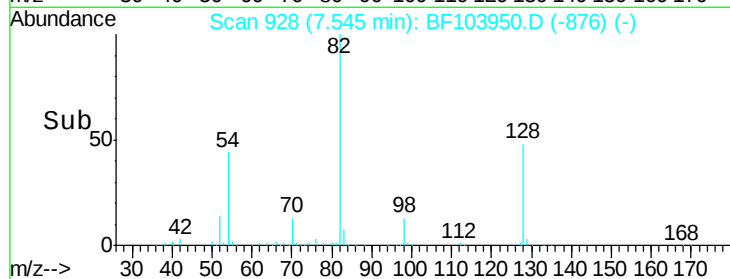
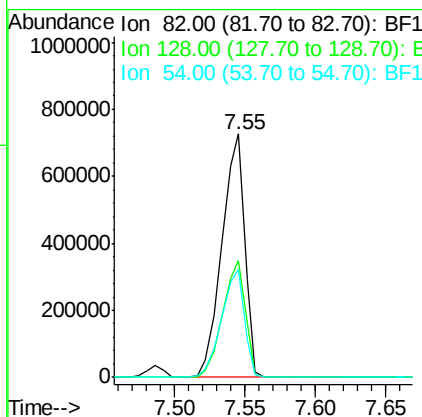
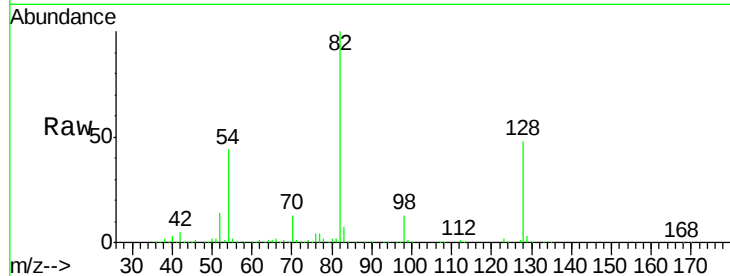
#23
 Nitrobenzene-d5
 Concen: 103.817 ng
 RT: 7.55 min Scan# 928
 Delta R.T. 0.01 min
 Lab File: BF103950.D
 Acq: 27 Mar 2018 2:28

Instrument :
 BNA_F
 ClientSampled :
 PF-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	47.9	36.1	54.1		
54	44.3	41.4	62.2		

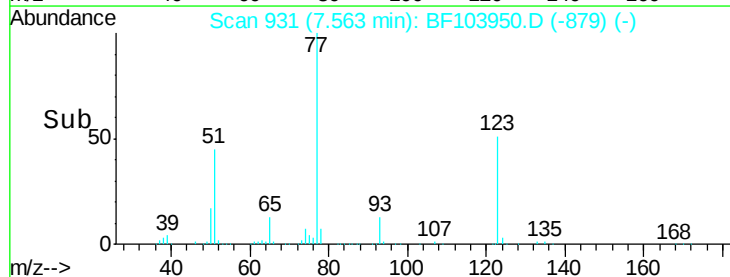
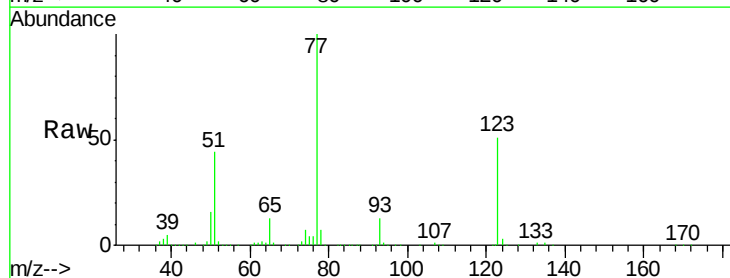
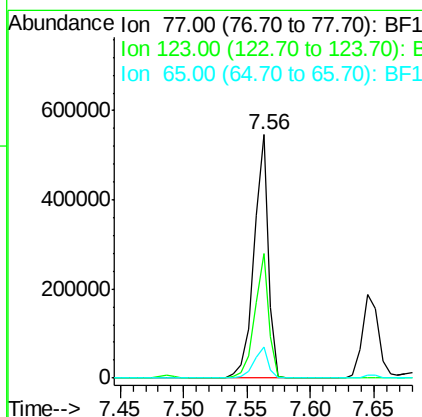
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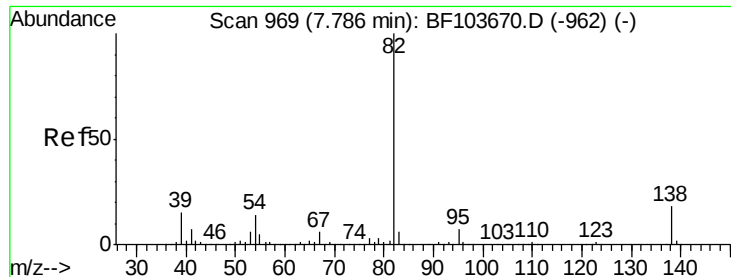
Sohil
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#24
 Nitrobenzene
 Concen: 46.884 ng
 RT: 7.56 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: BF103950.D
 Acq: 27 Mar 2018 2:28

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





#25

Isophorone

Concen: 43.806 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Instrument :

BNA_F

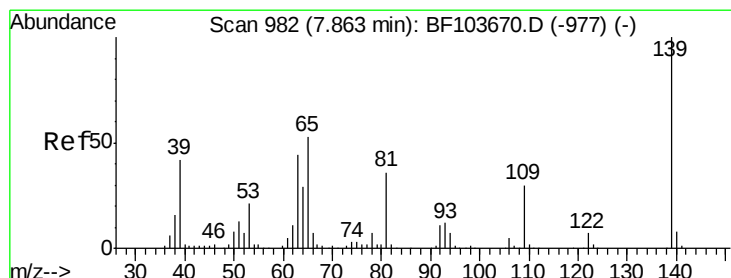
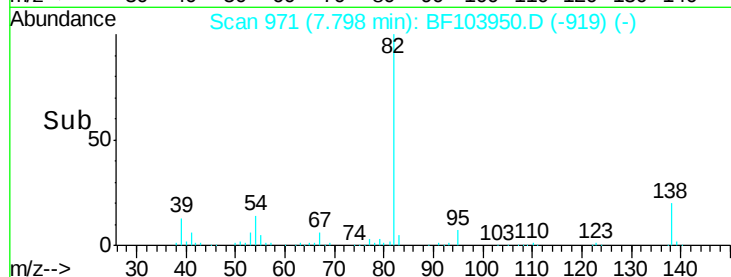
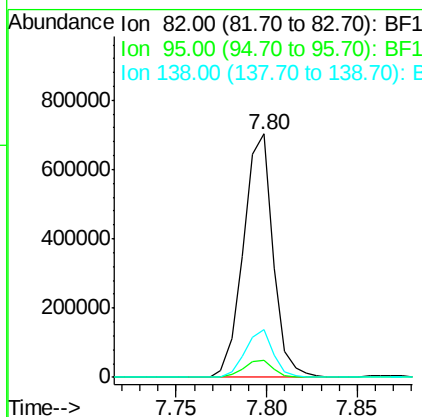
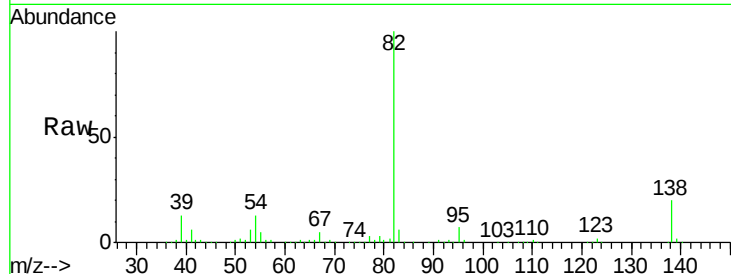
ClientSampleId :

PF-01MS

Tot Ion:	82	Resp:	798832
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	19.5	14.9	22.3

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#26

2-Nitrophenol

Concen: 60.743 ng

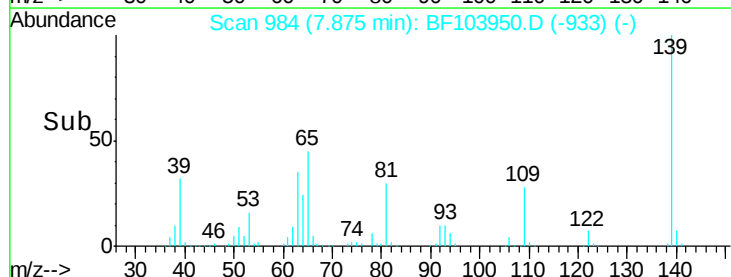
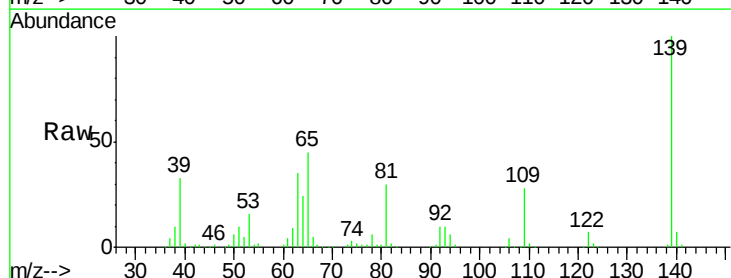
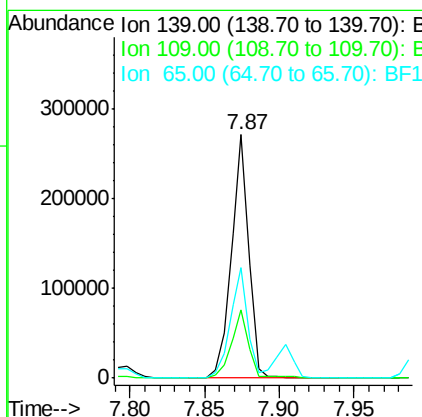
RT: 7.87 min Scan# 984

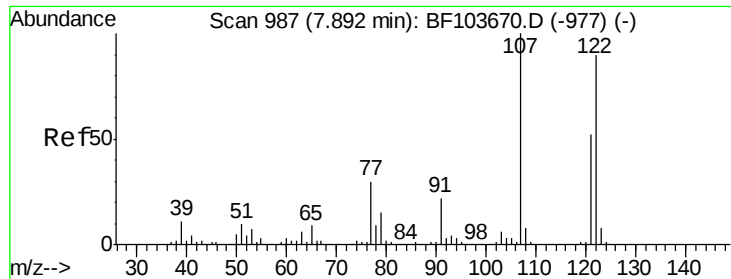
Delta R.T. -0.00 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Tgt Ion:	139	Resp:	224715
Ion Ratio	Lower	Upper	
139	100		
109	27.9	22.7	34.1
65	45.3	40.5	60.7





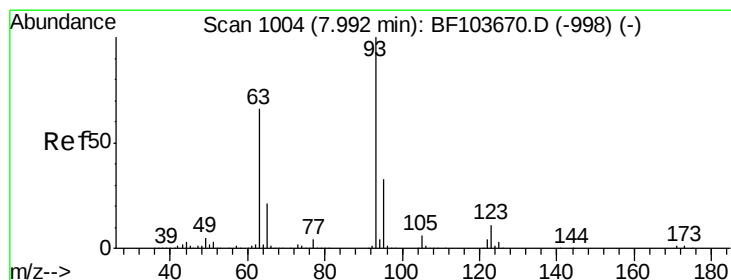
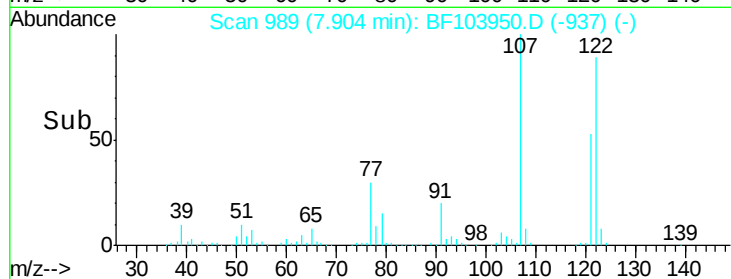
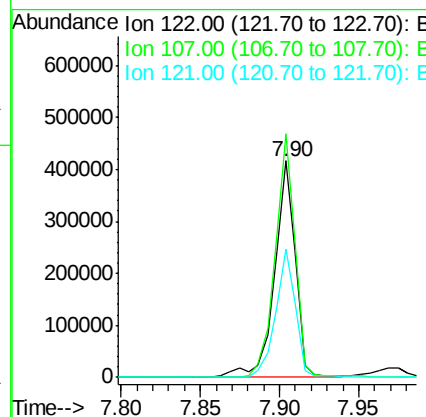
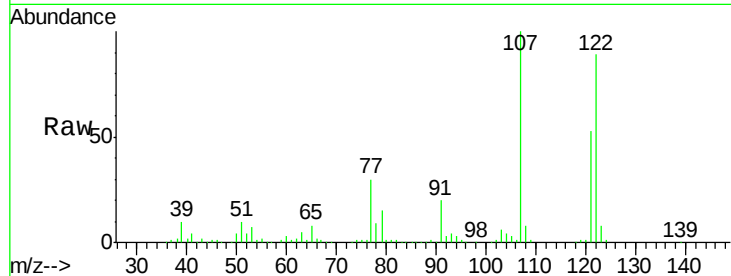
#27
2,4-Dimethylphenol
Concen: 49.302 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Instrument :
BNA_F
ClientSampled :
PF-01MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	385153		
107	112.4	91.2	136.8	
121	59.0	47.2	70.8	

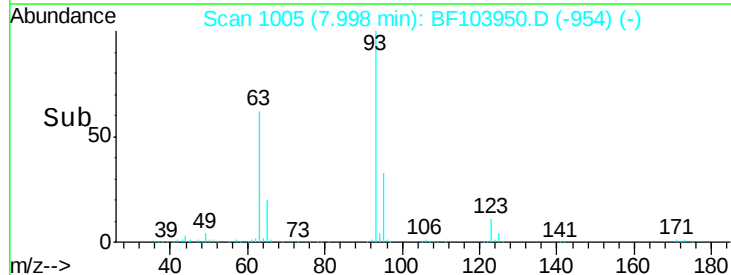
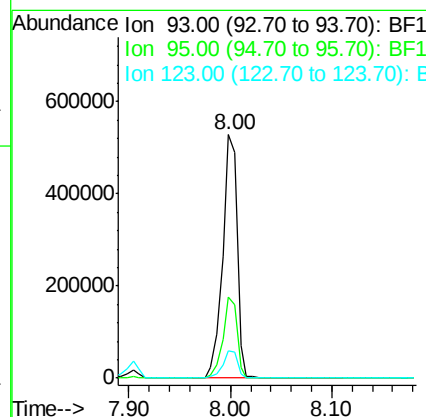
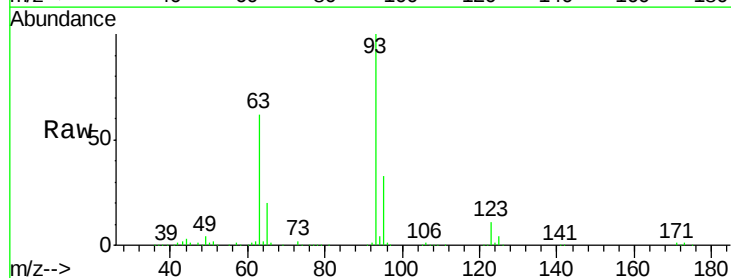
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 47.630 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	525949		
95	33.1	26.3	39.5	
123	11.1	9.8	14.6	





#29

2,4-Dichlorophenol

Concen: 49.775 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Instrument :

BNA_F

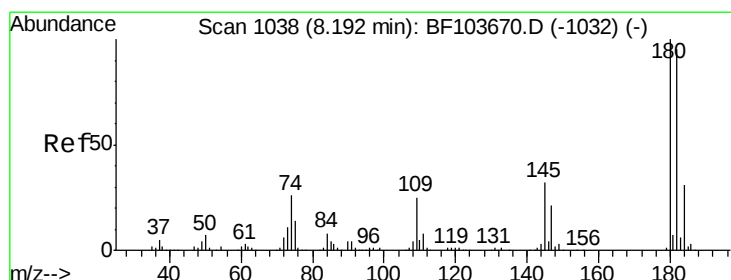
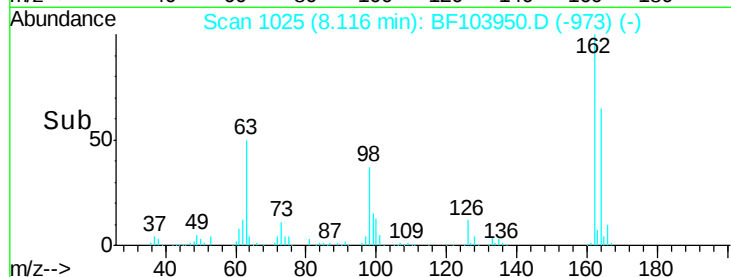
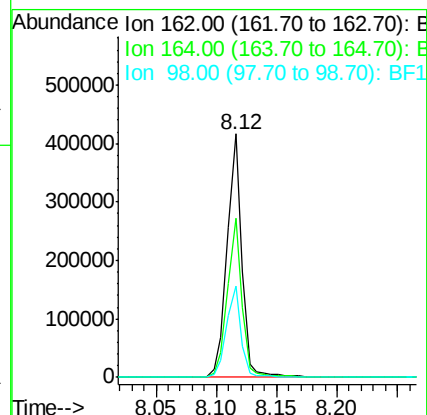
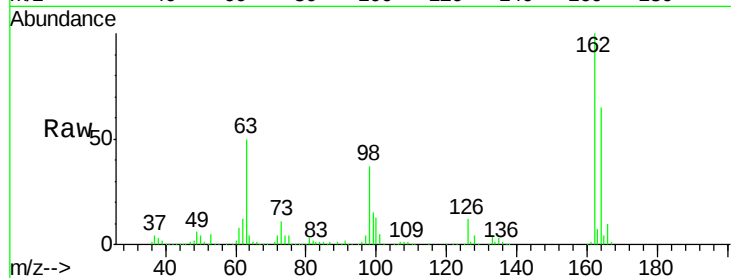
ClientSampled :

PF-01MS

Tot Ion:	162	Resp:	353775
Ion Ratio	Lower	Upper	
162	100		
164	65.4	42.7	82.7
98	37.4	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 43.510 ng

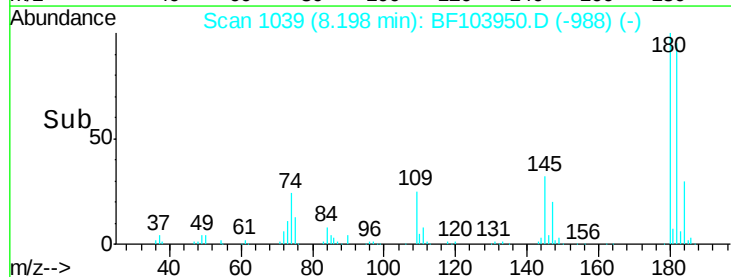
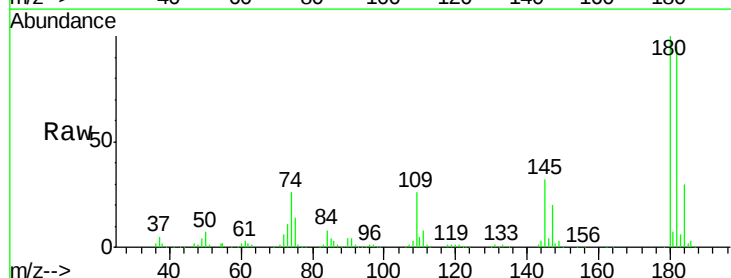
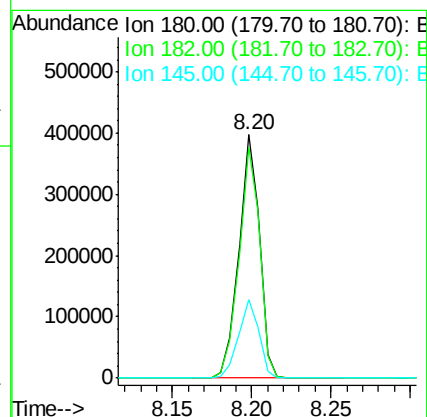
RT: 8.20 min Scan# 1039

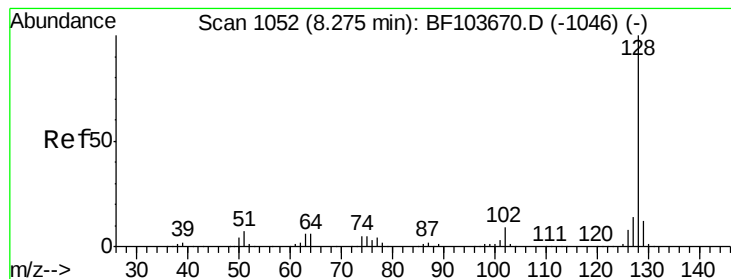
Delta R.T. -0.00 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Tgt Ion:	180	Resp:	358674
Ion Ratio	Lower	Upper	
180	100		
182	94.6	76.8	115.2
145	32.1	26.5	39.7





#31

Naphthalene

Concen: 42.644 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Instrument :

BNA_F

ClientSampled :

PF-01MS

Tot Ion:128 Resp: 1183371

Ion Ratio Lower Upper

128 100

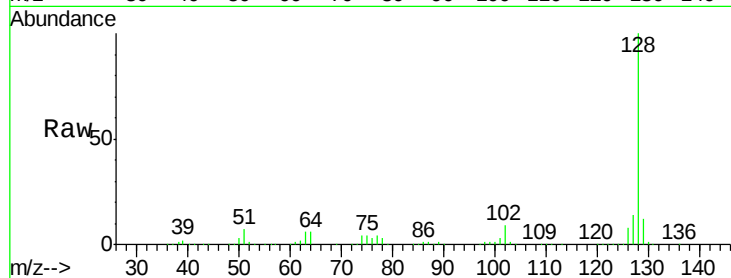
129 11.6 8.8 13.2

127 13.6 10.9 16.3

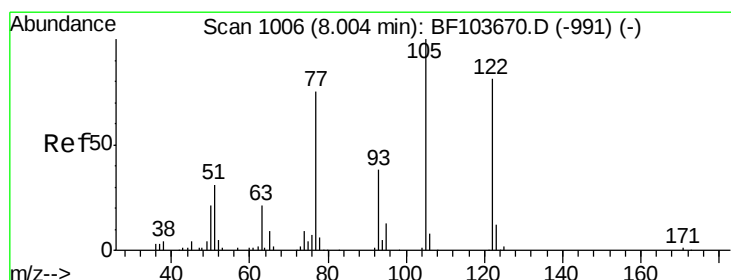
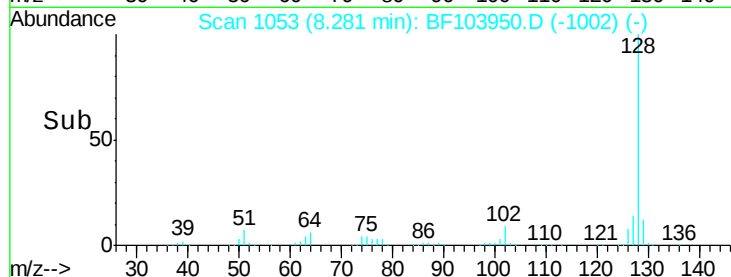
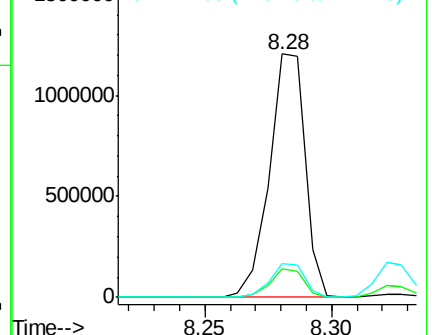
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 13.404 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.04 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

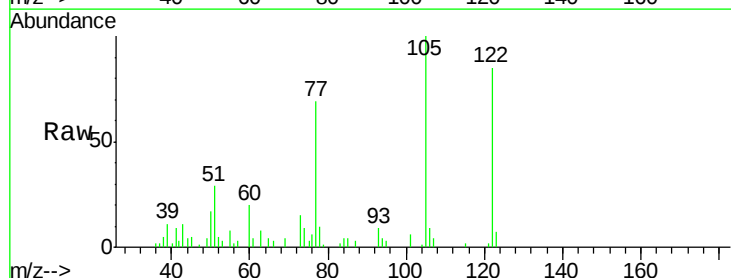
Tgt Ion:122 Resp: 24298

Ion Ratio Lower Upper

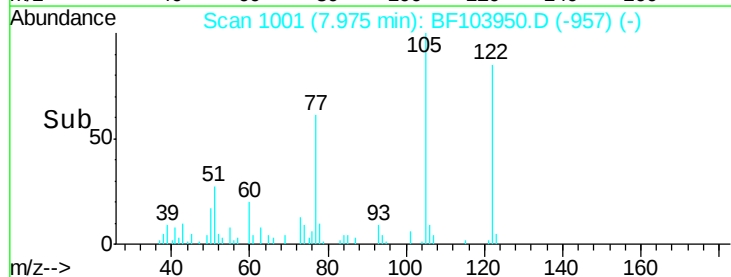
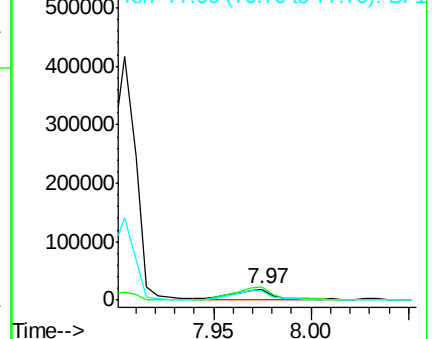
122 100

105 117.2 101.1 141.1

77 81.4 70.7 110.7



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





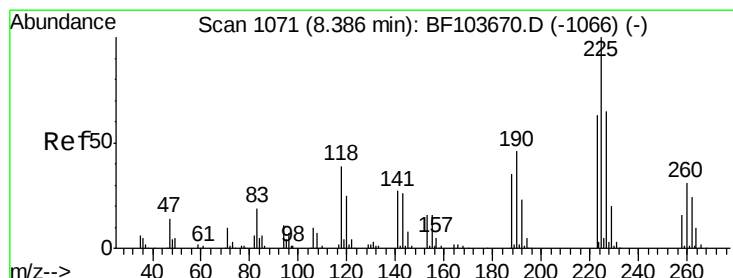
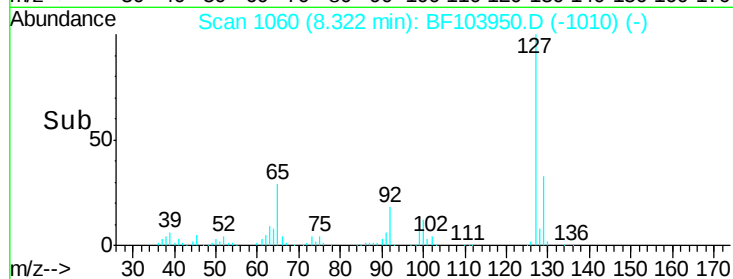
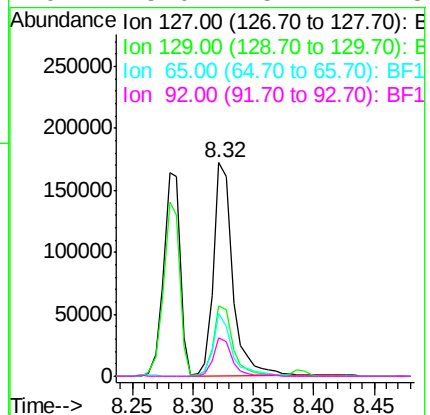
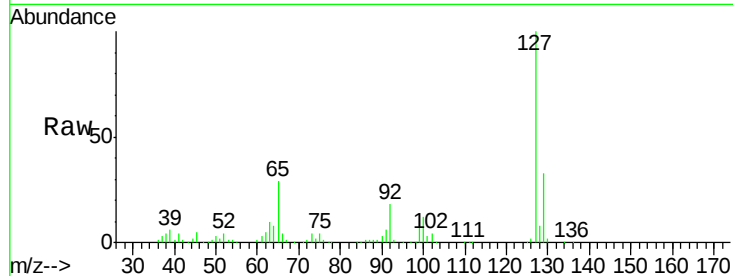
#33
4-Chloroaniline
Concen: 16.285 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Instrument :
BNA_F
ClientSampleId :
PF-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	25.9	38.9		
65	29.2	25.0	37.4		
92	18.0	15.2	22.8		

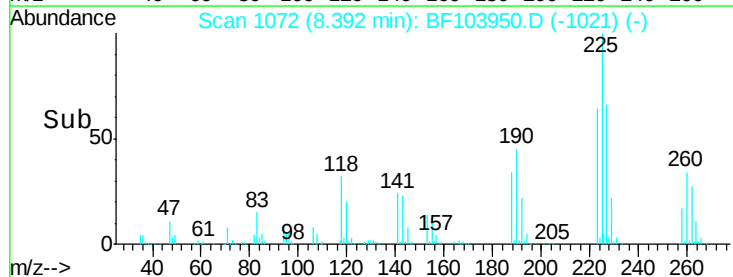
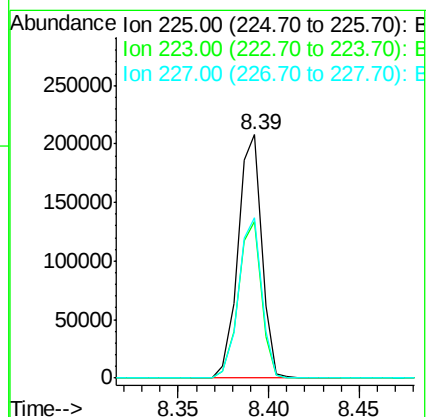
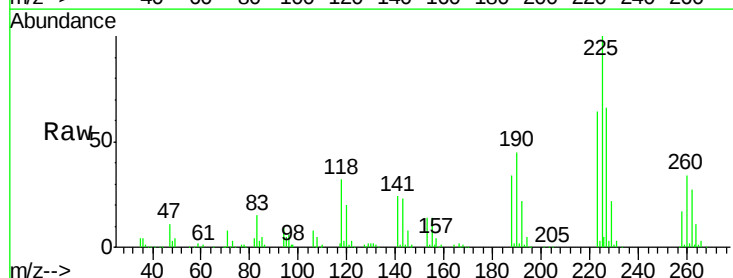
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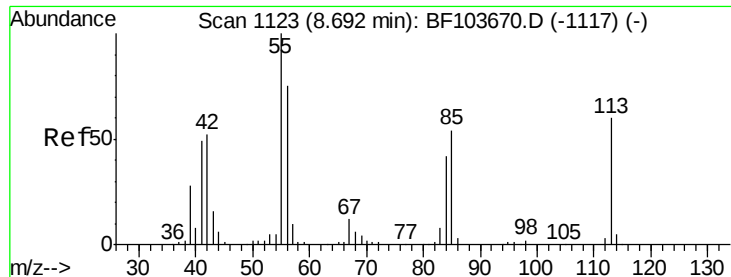
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#34
Hexachlorobutadiene
Concen: 41.836 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.2	50.6	76.0		
227	66.0	51.9	77.9		





#35

Caprolactam

Concen: 48.540 ng/ml

RT: 8.70 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Instrument :

BNA_F

ClientSampleID :

PF-01MS

Tot Ion:113 Resp: 118796
Ion Ratio Lower Upper

113 100

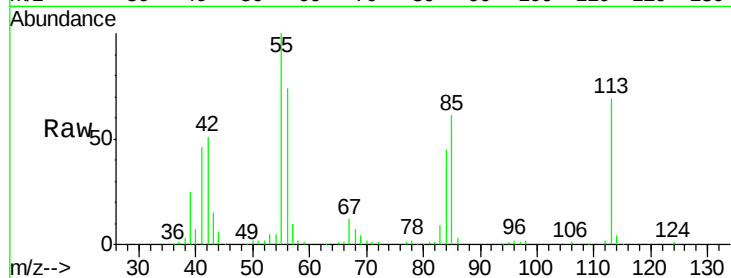
55 145.3 163.3 203.3#

56 107.1 115.7 155.7#

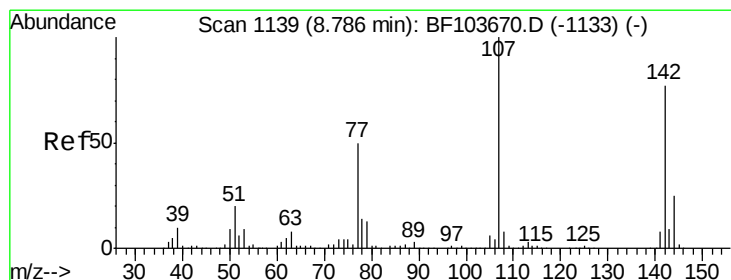
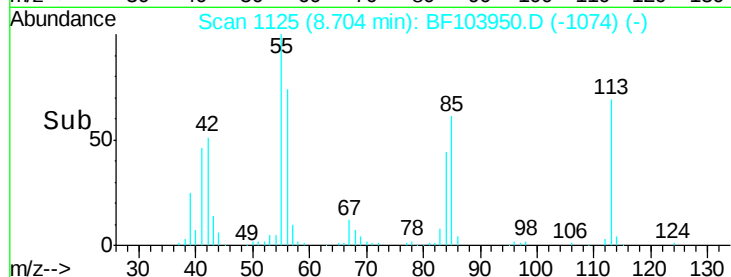
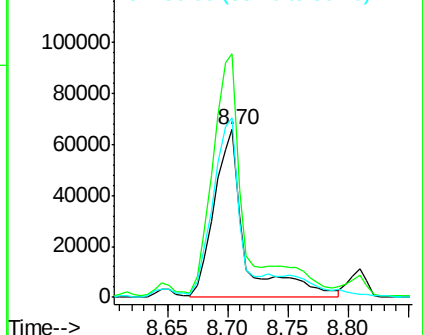
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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 48.517 ng/ml

RT: 8.81 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BF103950.D

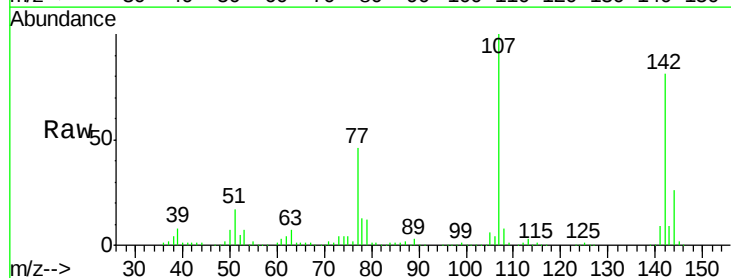
Acq: 27 Mar 2018 2:28

Tgt Ion:107 Resp: 380149
Ion Ratio Lower Upper

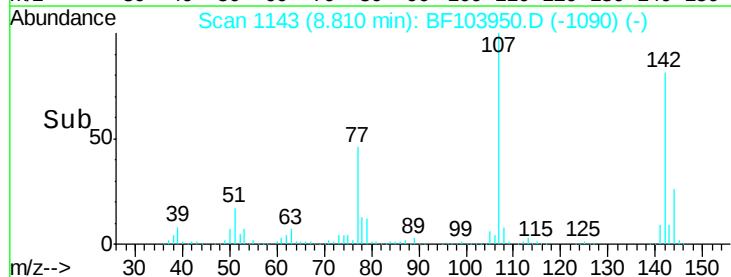
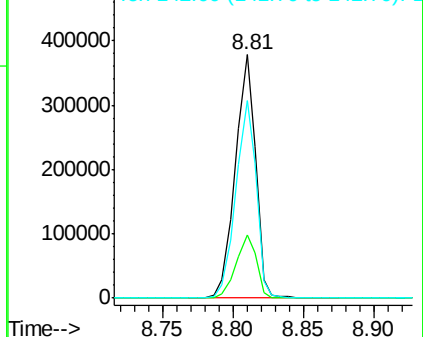
107 100

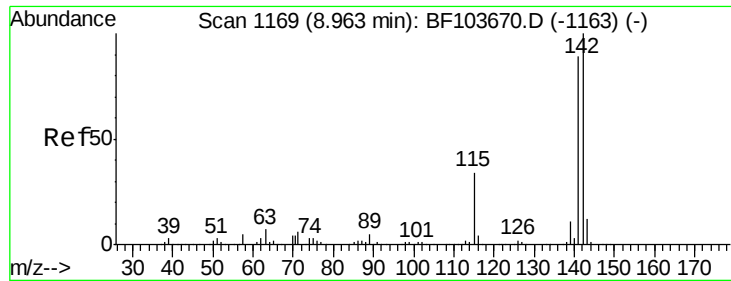
144 26.1 20.5 30.7

142 80.9 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





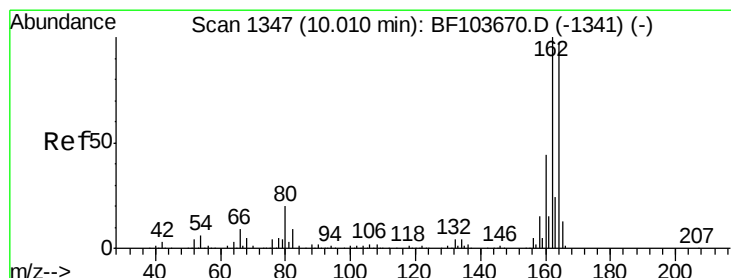
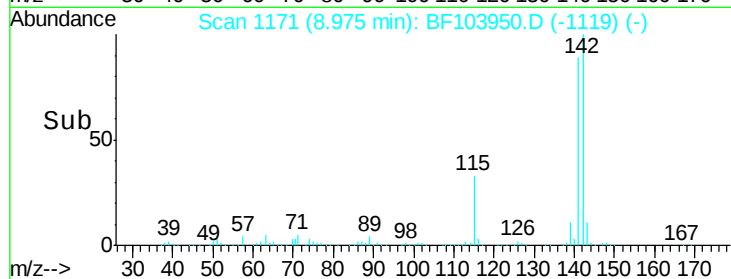
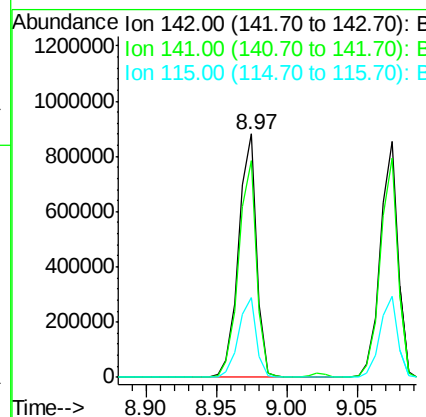
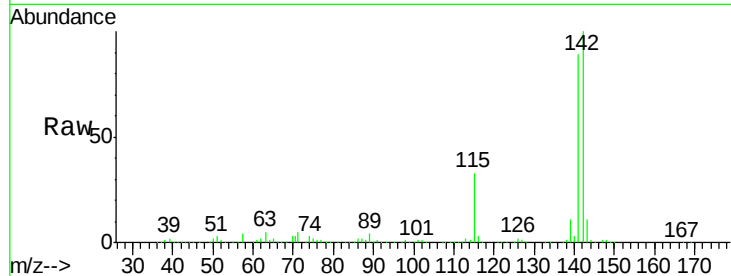
#37
2-Methylnaphthalene
Concen: 44.292 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Instrument :
BNA_F
ClientSampled :
PF-01MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	32.7	26.1	39.1

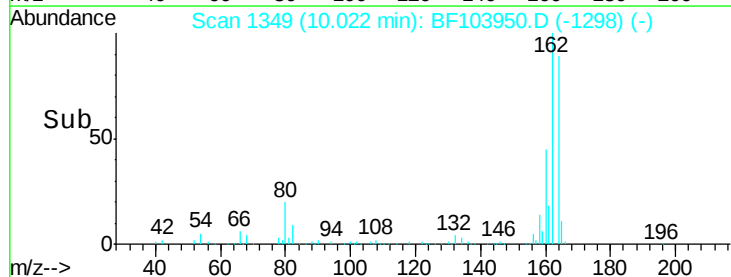
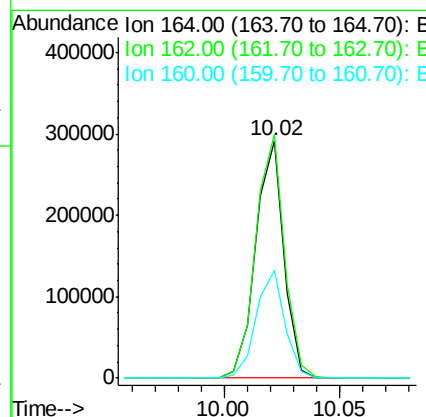
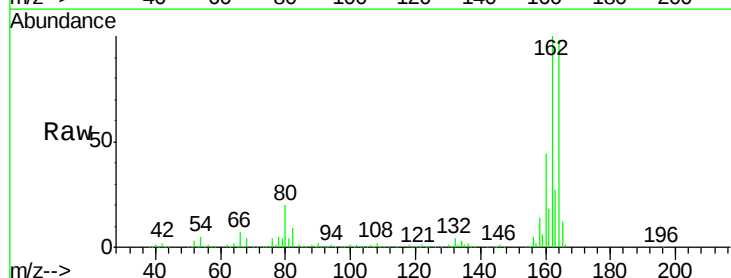
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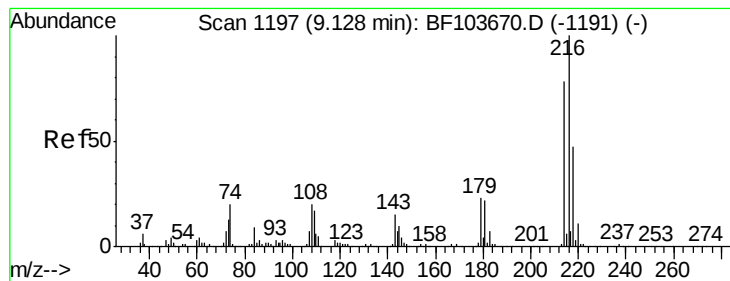
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	86.1	129.1
160	45.5	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.930 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Instrument :

BNA_F

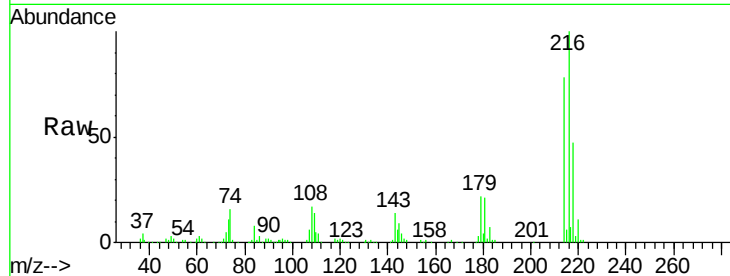
ClientSampled :

PF-01MS

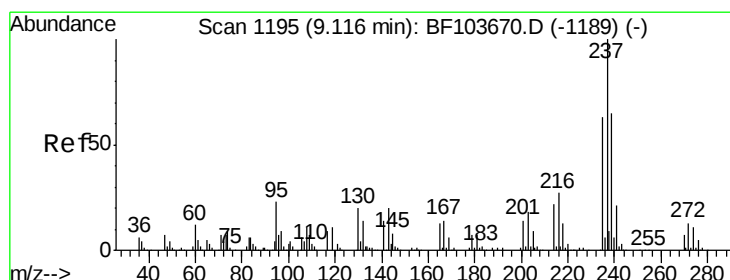
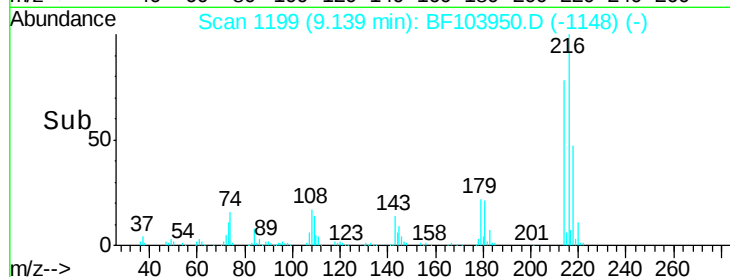
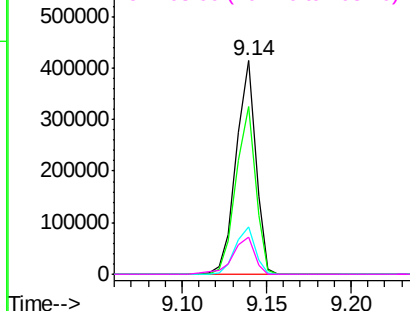
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		334277		
214	78.7		63.0	94.4	
179	22.3		18.1	27.1	
108	18.9		17.2	25.8	

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



#40

Hexachlorocyclopentadiene

Concen: 26.997 ng

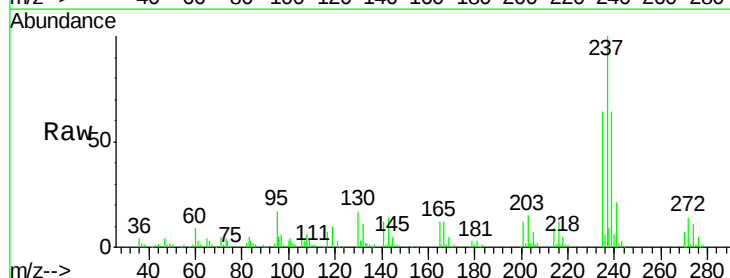
RT: 9.12 min Scan# 1196

Delta R.T. -0.00 min

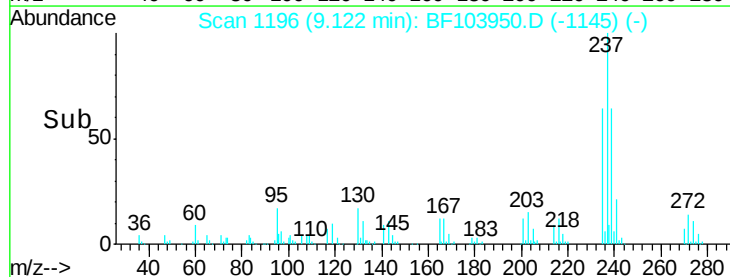
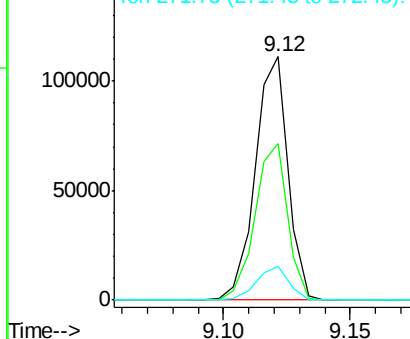
Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		99225		
235	64.5		44.8	84.8	
272	14.0		0.0	33.3	



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





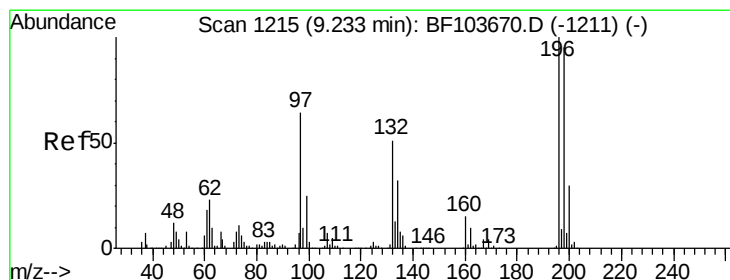
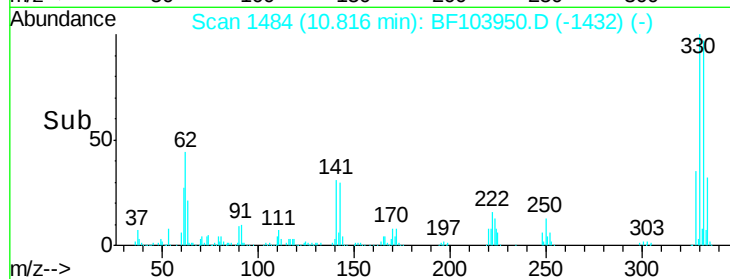
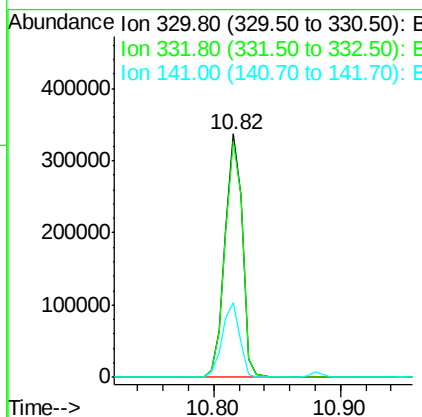
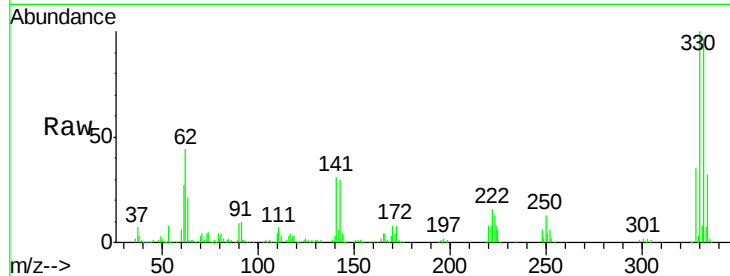
#41
 2,4,6-Tribromophenol
 Concen: 149.197 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF103950.D
 Acq: 27 Mar 2018 2:28

Instrument :
 BNA_F
 ClientSampled :
 PF-01MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	320284		
332	98.3	77.0	115.6	
141	31.3	29.9	44.9	

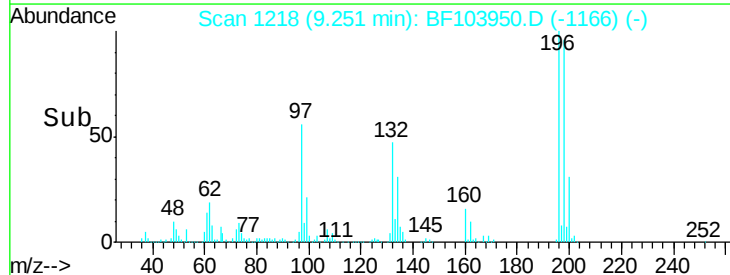
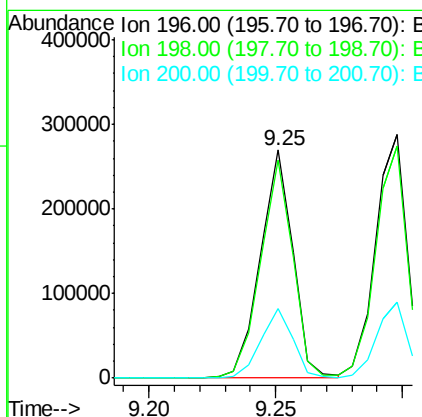
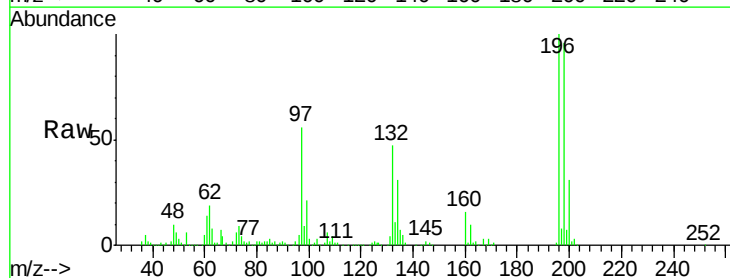
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 53.267 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF103950.D
 Acq: 27 Mar 2018 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	242684		
198	95.7	75.7	113.5	
200	30.7	24.5	36.7	





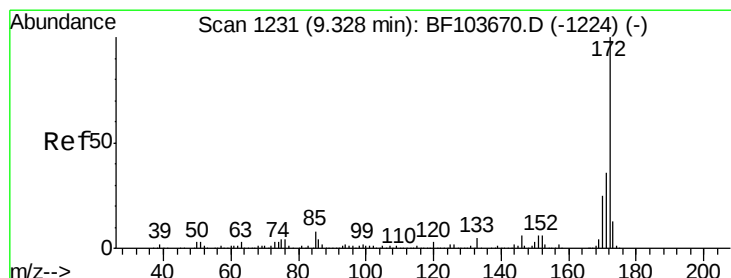
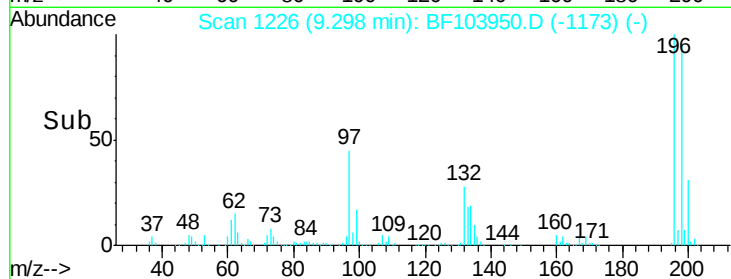
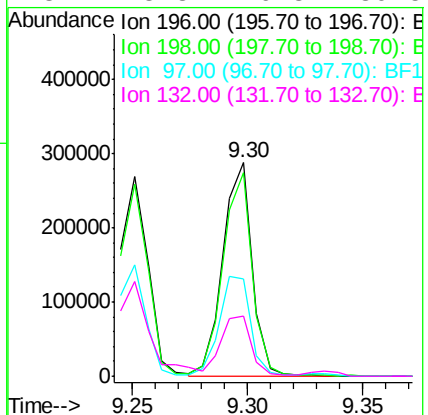
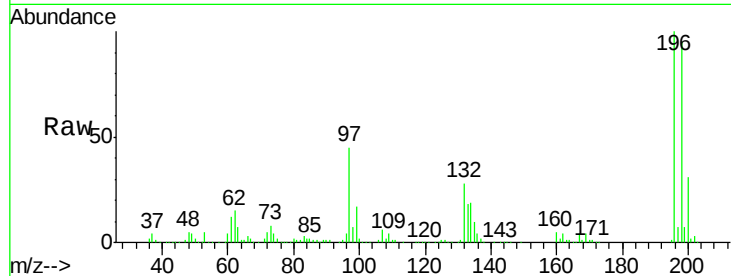
#43
 2,4,5-Trichlorophenol
 Concen: 49.290 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.01 min
 Lab File: BF103950.D
 Acq: 27 Mar 2018 2:28

Instrument :
 BNA_F
 ClientSampled :
 PF-01MS

Tot Ion:	196	Resp:	253464
Ion Ratio	Lower	Upper	
196	100		
198	95.4	74.6	112.0
97	45.5	42.9	64.3
132	28.3	26.3	39.5

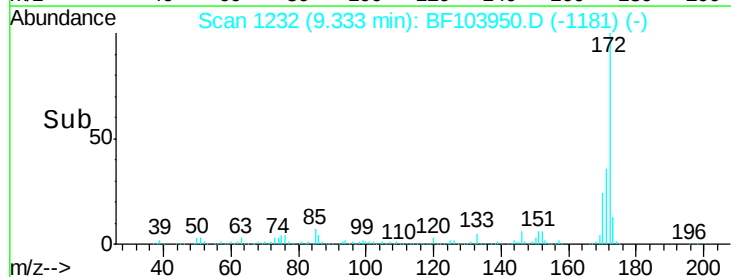
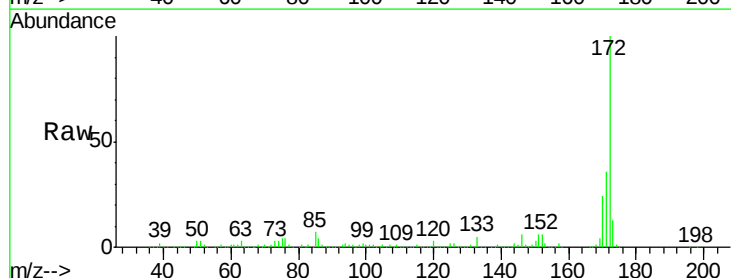
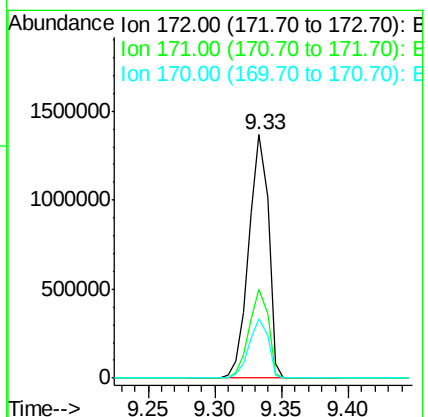
Manual Integrations
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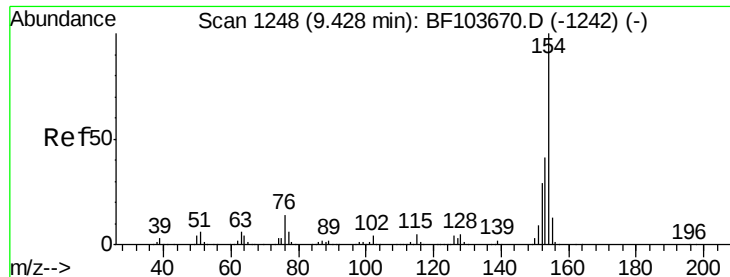
Sohil
 3/27/2018 2:16:04 PM



#44
 2-Fluorobiphenyl
 Concen: 87.634 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103950.D
 Acq: 27 Mar 2018 2:28

Tgt Ion:	172	Resp:	1371659
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4





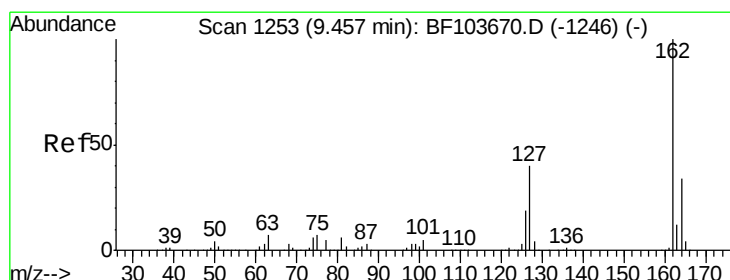
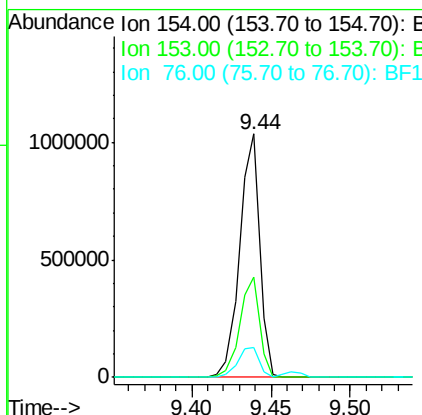
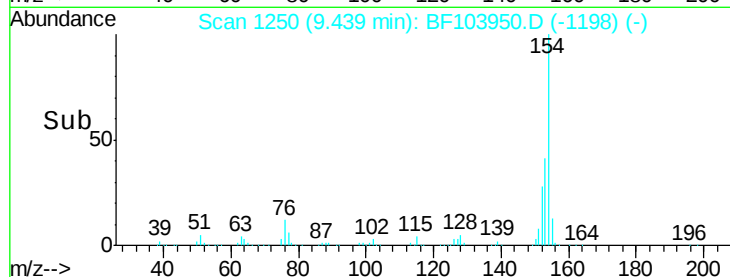
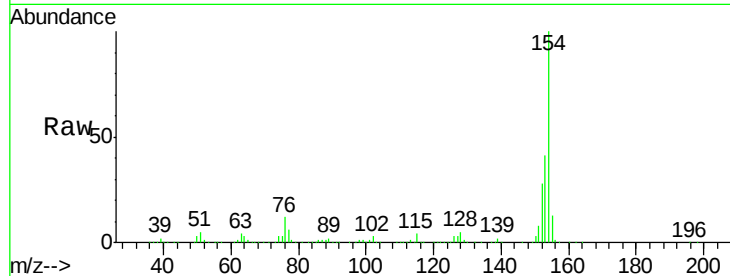
#45
 1,1'-Biphenyl
 Concen: 43.308 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BF103950.D
 Acq: 27 Mar 2018 2:28

Instrument :
 BNA_F
 ClientSampled :
 PF-01MS

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	41.0	21.3	61.3
76	12.1	0.0	34.0

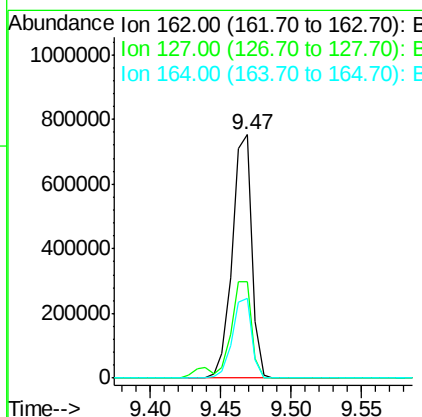
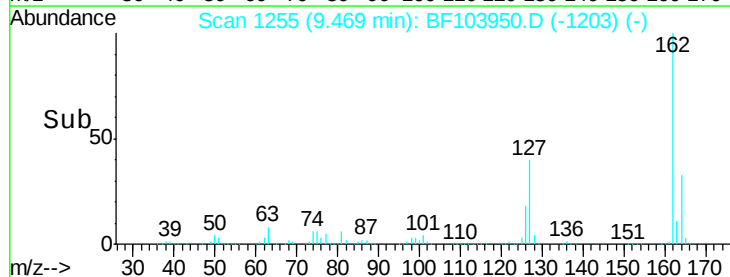
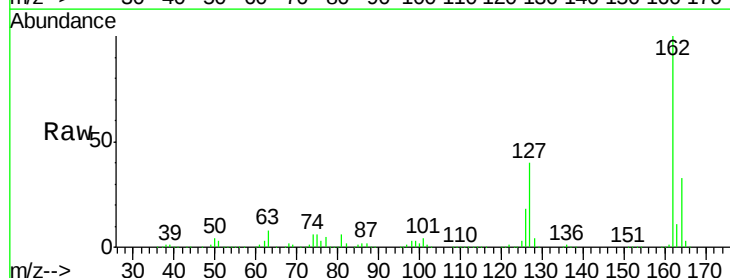
Manual Integrations
 APPROVED

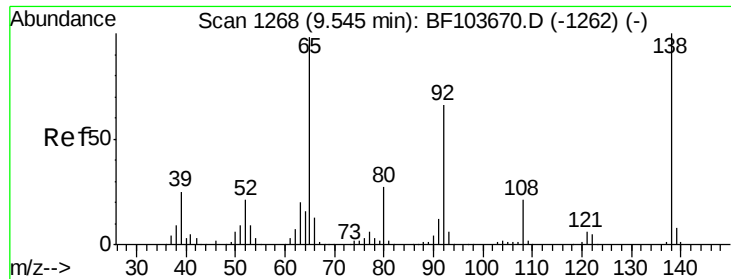
Sohil
 3/27/2018 2:16:04 PM



#46
 2-Chloronaphthalene
 Concen: 43.783 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.01 min
 Lab File: BF103950.D
 Acq: 27 Mar 2018 2:28

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	39.6	33.9	50.9
164	33.0	26.5	39.7





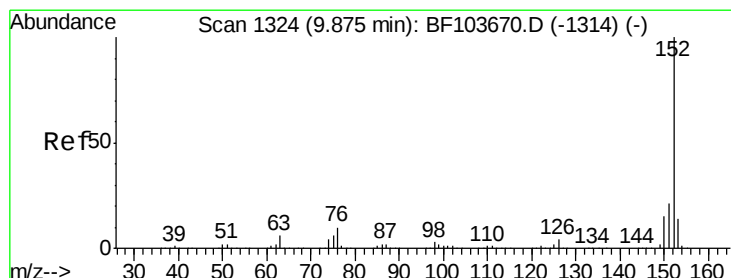
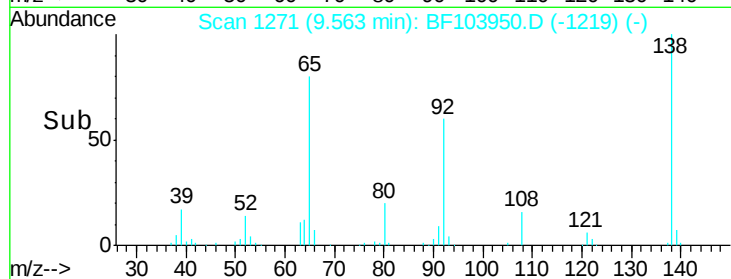
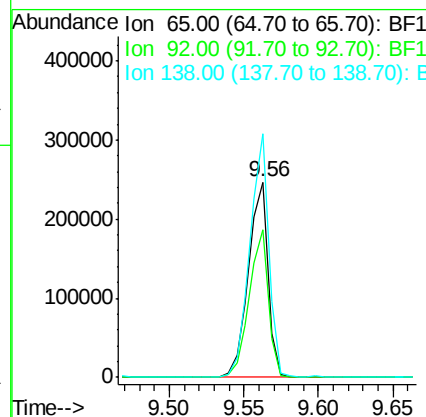
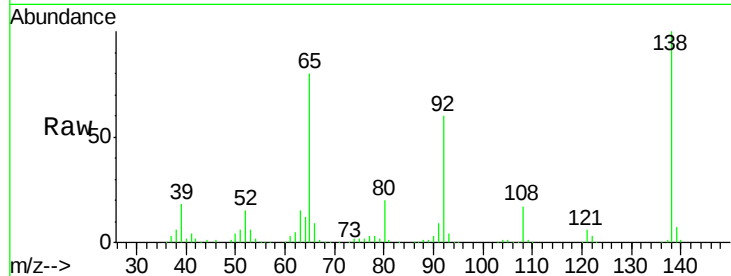
#47
 2-Nitroaniline
 Concen: 51.623 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: BF103950.D
 Acq: 27 Mar 2018 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PF-01MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.3	55.8	83.6
138	124.5	91.2	136.8

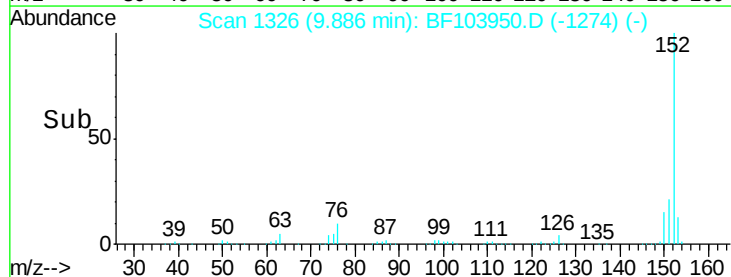
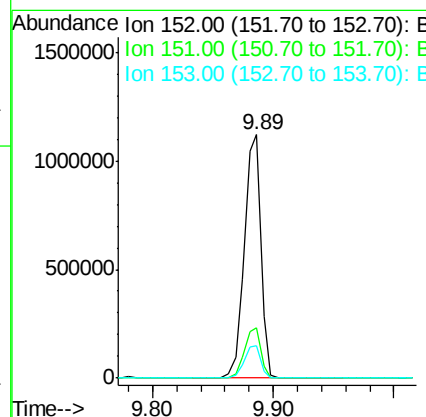
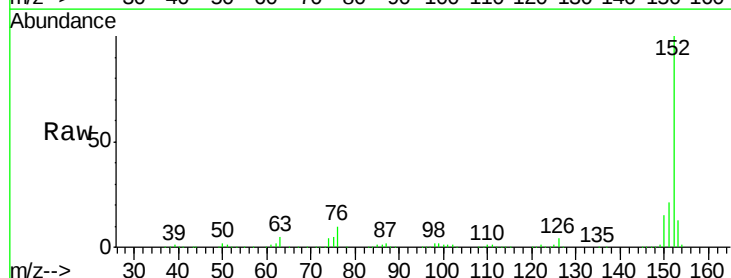
Manual Integrations
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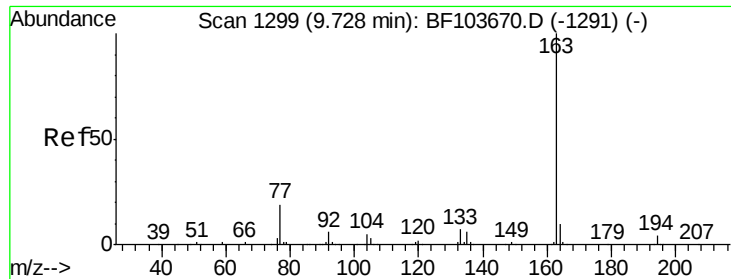
Sohil
 3/27/2018 2:16:04 PM



#48
 Acenaphthylene
 Concen: 42.032 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: BF103950.D
 Acq: 27 Mar 2018 2:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.1	10.7	16.1





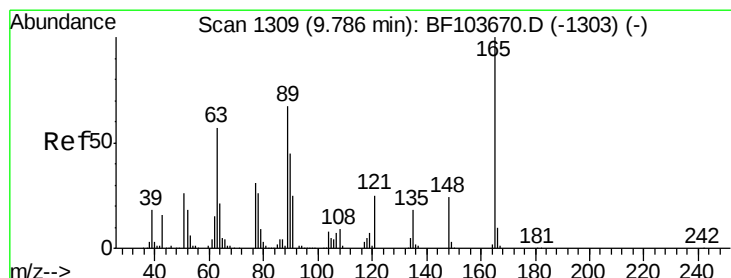
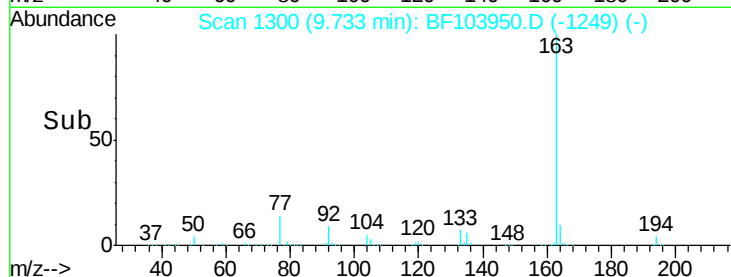
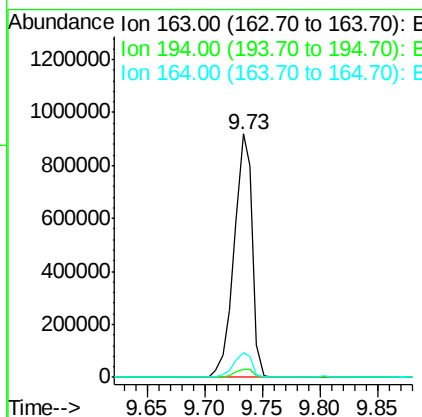
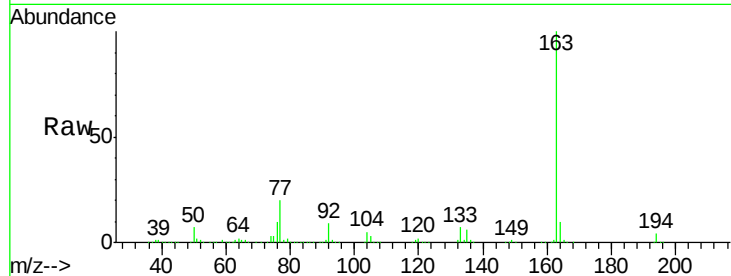
#49
Dimethylphthalate
Concen: 51.980 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Instrument :
BNA_F
ClientSampleId :
PF-01MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	990164		
194	3.5	2.7	4.1	
164	10.4	8.2	12.2	

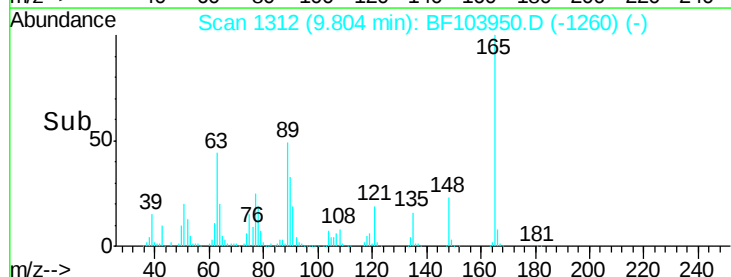
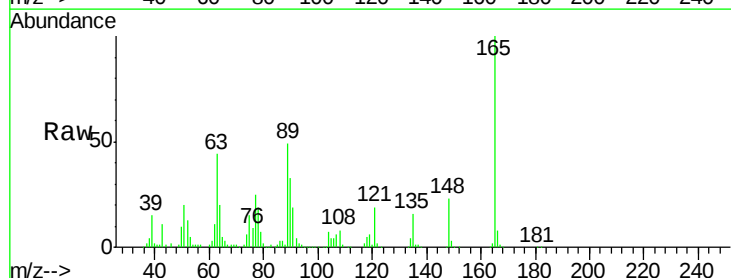
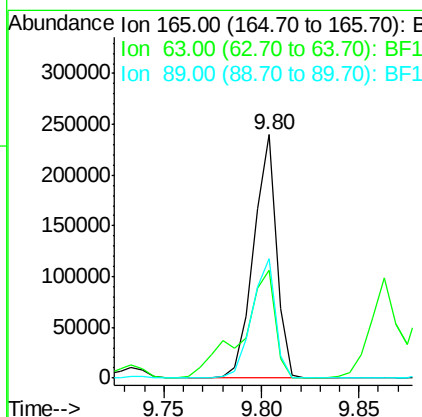
Manual Integrations
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#50
2,6-Dinitrotoluene
Concen: 52.574 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	195255		
63	44.3	44.7	67.1#	
89	49.0	44.0	66.0	





#51

Acenaphthene

Concen: 41.516 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Instrument :

BNA_F

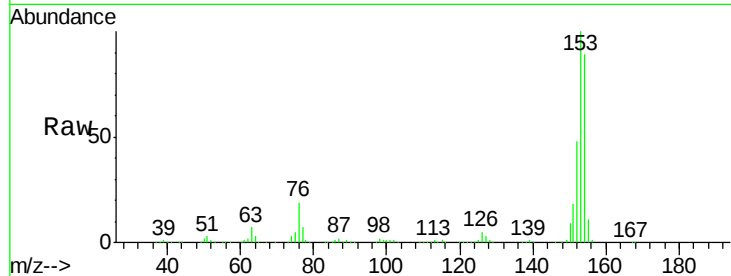
ClientSampled :

PF-01MS

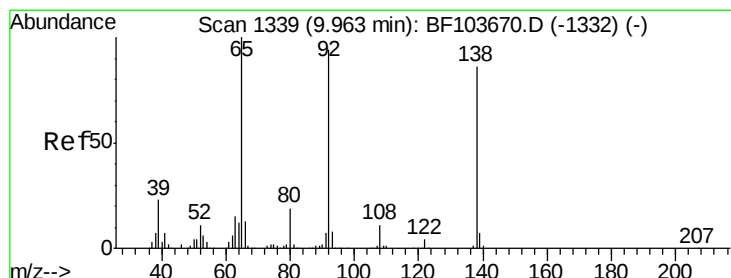
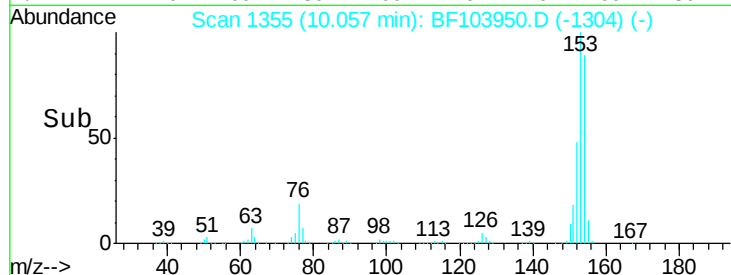
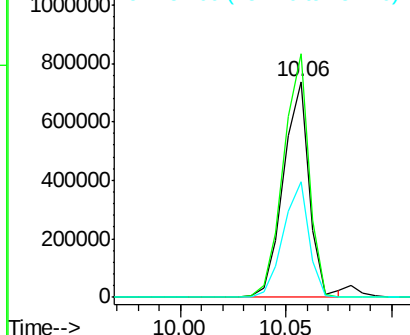
Tot Ion:	154	Resp:	632094
Ion Ratio	Lower	Upper	
154	100		
153	113.0	91.2	136.8
152	53.9	43.8	65.8

Manual Integrations
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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: 37.139 ng

RT: 9.97 min Scan# 1341

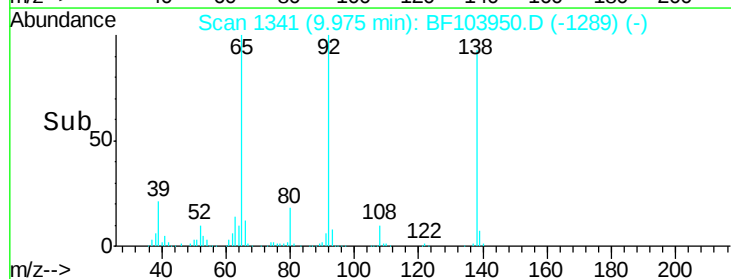
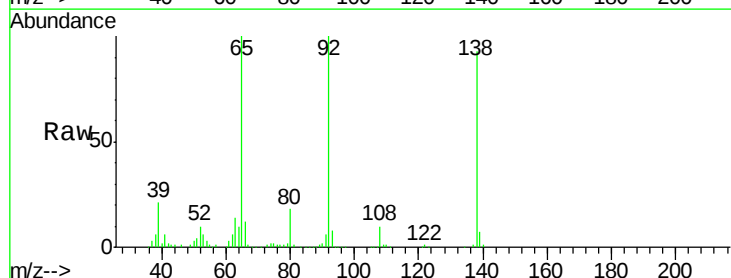
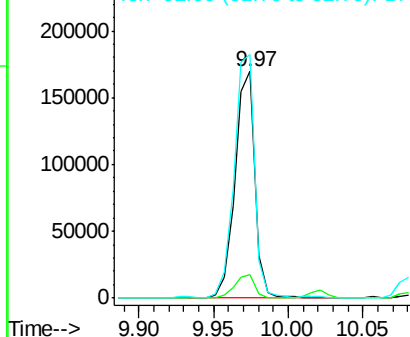
Delta R.T. 0.01 min

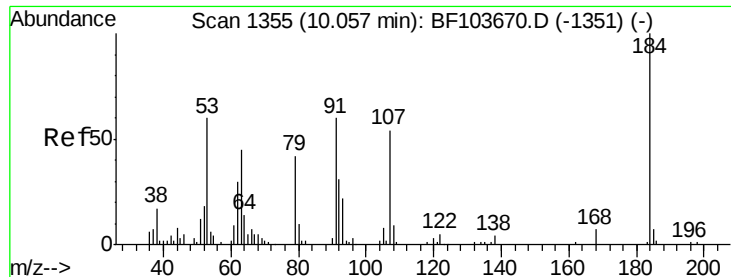
Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Tgt Ion:	138	Resp:	159878
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.4	14.0
92	107.4	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





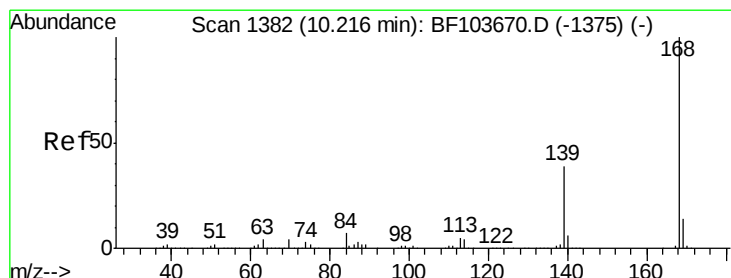
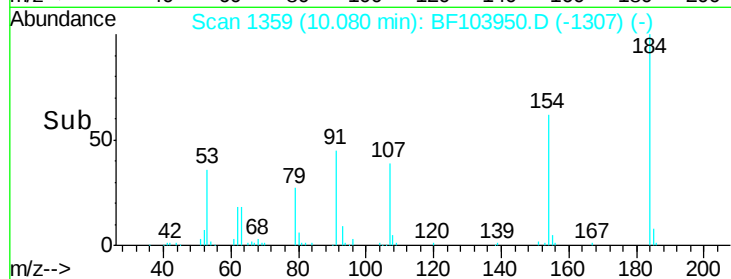
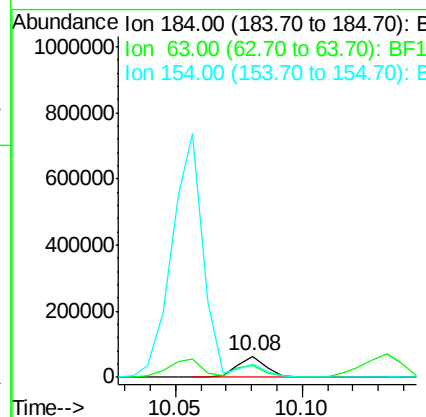
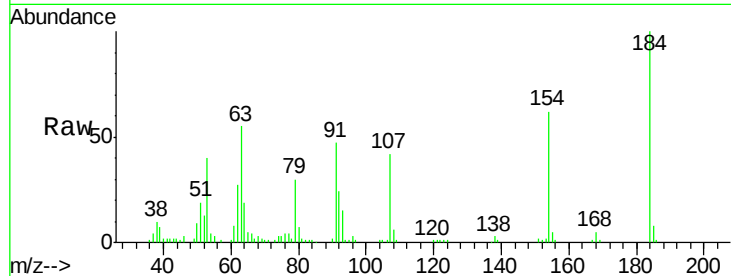
#53
2,4-Dinitrophenol
Concen: 57.694 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Instrument :
BNA_F
ClientSampled :
PF-01MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	54.9	54.2	81.2
154	62.3	184.0	276.0#

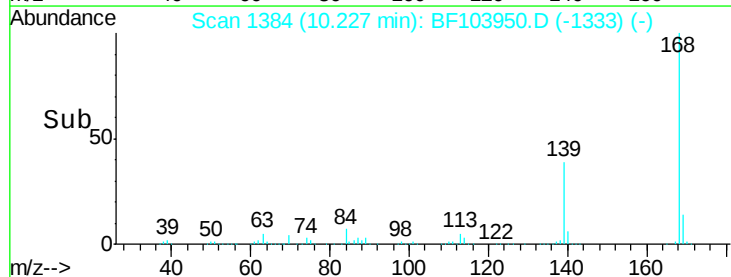
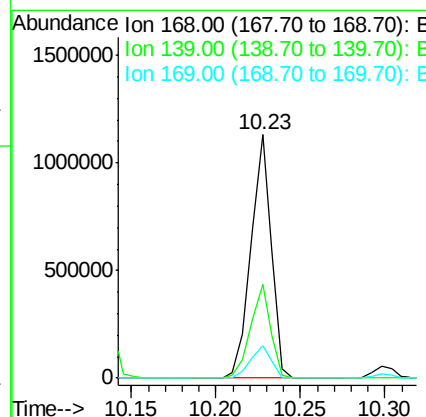
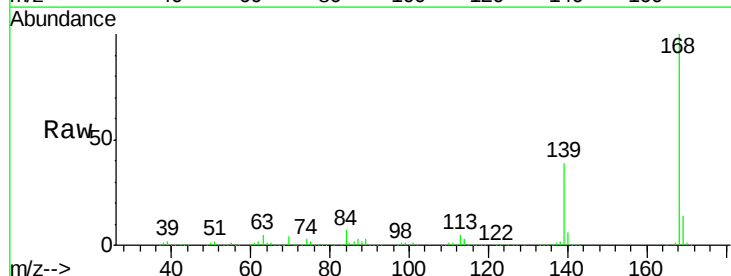
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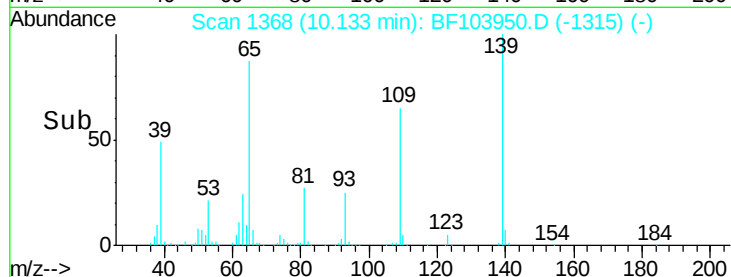
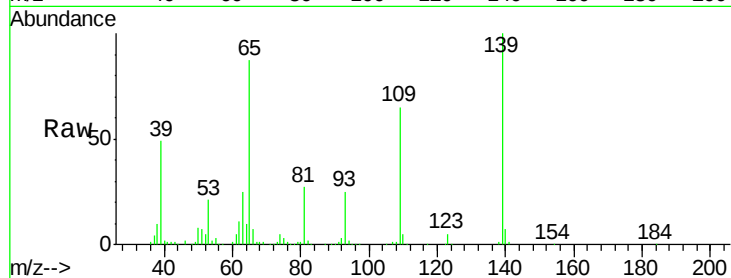
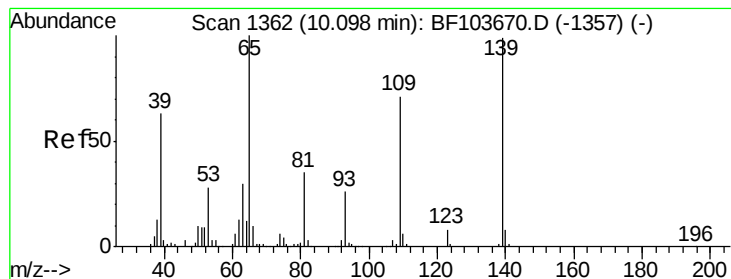
Sohil
3/27/2018 2:16:04 PM



#54
Dibenzofuran
Concen: 43.985 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.1	45.1
169	13.5	10.9	16.3





#55

4-Nitrophenol

Concen: 92.268 ng

RT: 10.13 min Scan# 1368

Delta R.T. 0.01 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Instrument :

BNA_F

ClientSampleId :

PF-01MS

Tot Ion:139 Resp: 324619

Ion Ratio Lower Upper

139 100

109 64.7 48.4 88.4

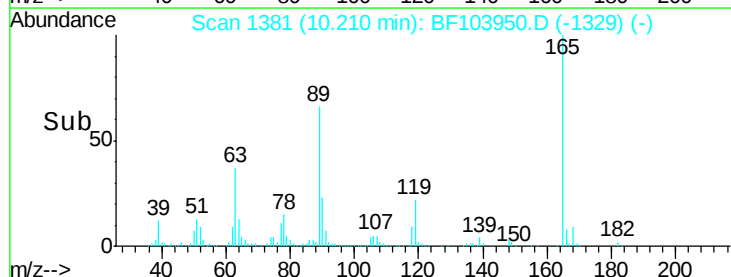
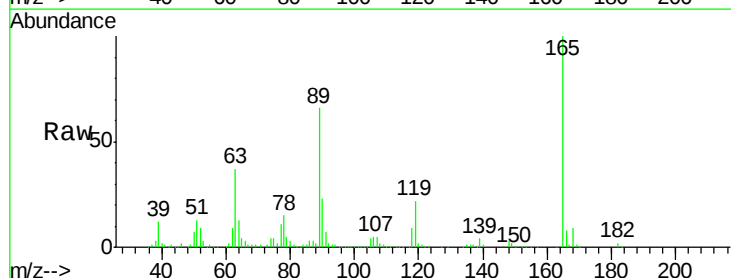
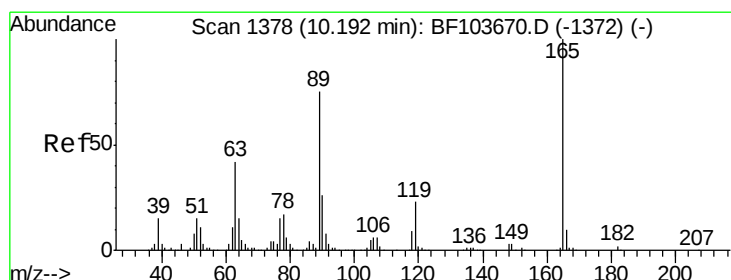
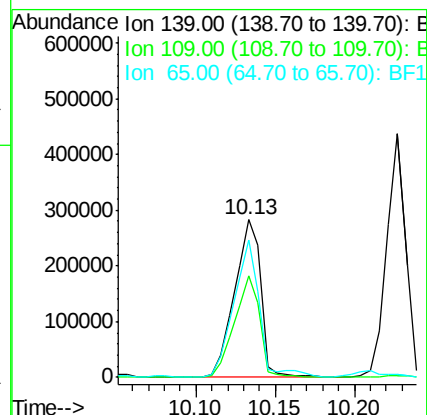
65 87.4 72.6 112.6

Manual Integrations

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Sohil

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#56

2,4-Dinitrotoluene

Concen: 53.323 ng

RT: 10.21 min Scan# 1381

Delta R.T. 0.01 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Tgt Ion:165 Resp: 252628

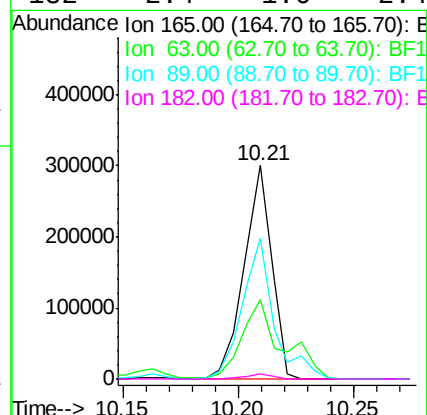
Ion Ratio Lower Upper

165 100

63 37.0 36.4 54.6

89 65.9 57.8 86.6

182 2.4 1.6 2.4





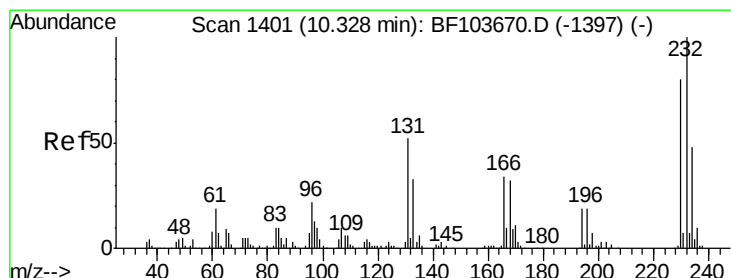
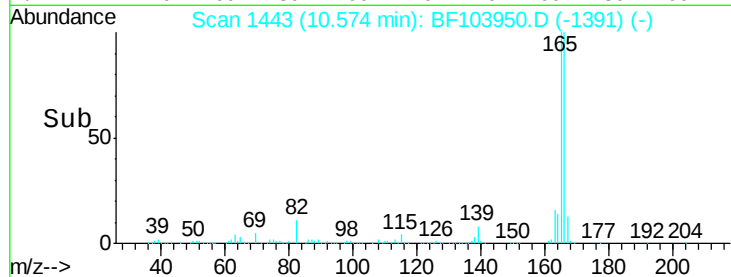
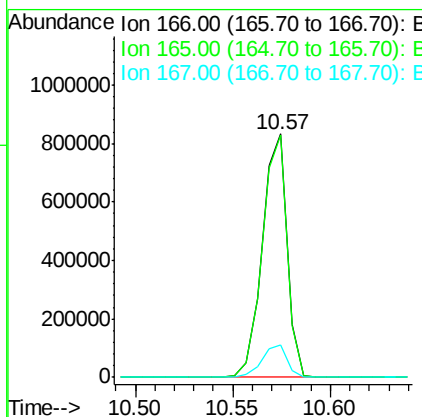
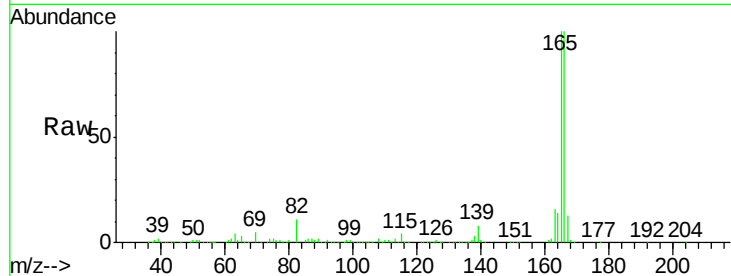
#57
 Fluorene
 Concen: 43.416 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: BF103950.D
 Acq: 27 Mar 2018 2:28

Instrument :
 BNA_F
 ClientSampled :
 PF-01MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.5	79.8	119.8	
167	13.3	10.6	16.0	

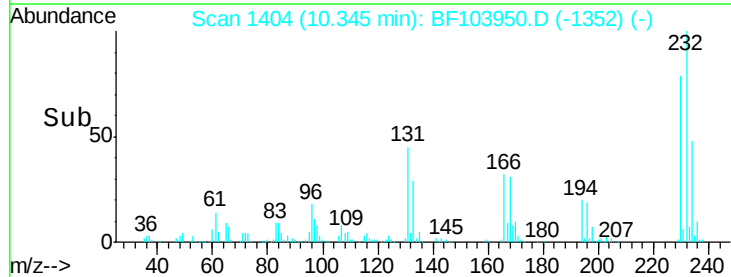
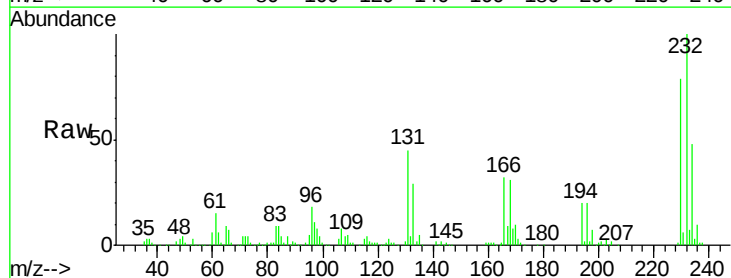
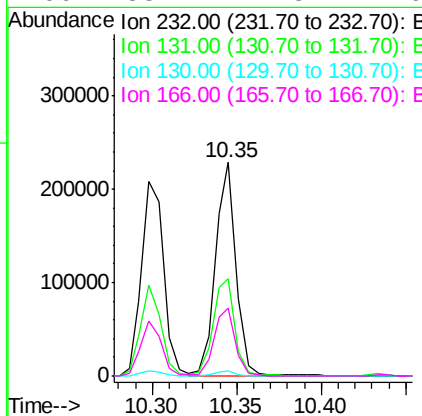
Manual Integrations
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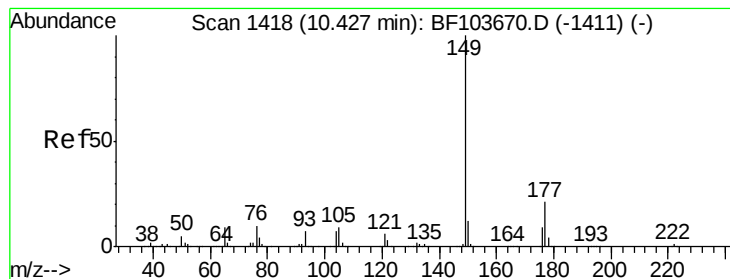
Sohil
 3/27/2018 2:16:04 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.154 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.01 min
 Lab File: BF103950.D
 Acq: 27 Mar 2018 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	47.8	43.8	65.8	
130	2.3	2.1	3.1	
166	33.1	27.8	41.6	





#59

Diethylphthalate

Concen: 43.788 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Instrument :

BNA_F

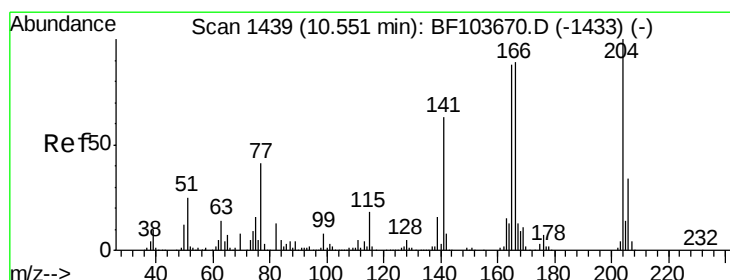
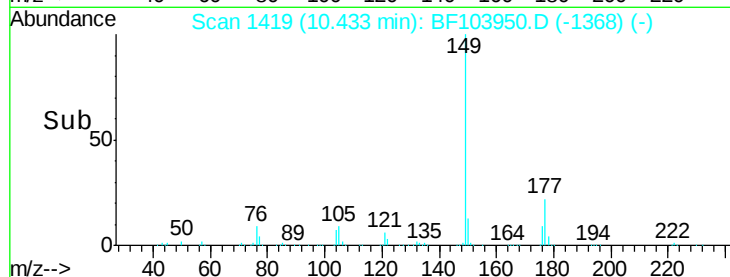
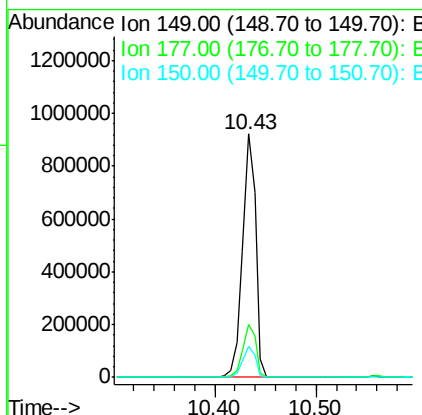
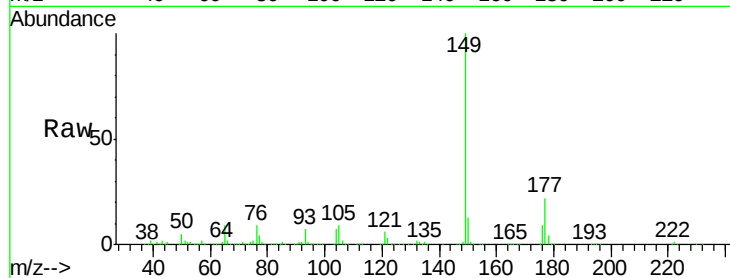
ClientSampled :

PF-01MS

Tot Ion:	149	Resp:	827879
Ion Ratio	Lower	Upper	
149	100		
177	21.9	16.1	24.1
150	12.9	10.1	15.1

Manual Integrations
APPROVED

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3/27/2018 2:16:04 PM



#60

4-Chlorophenyl-phenylether

Concen: 45.526 ng

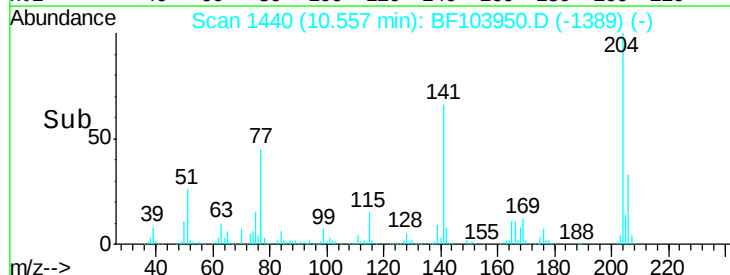
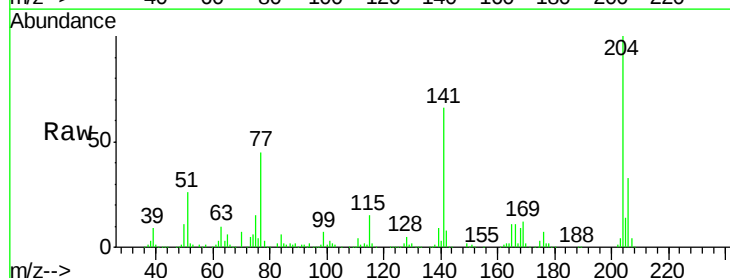
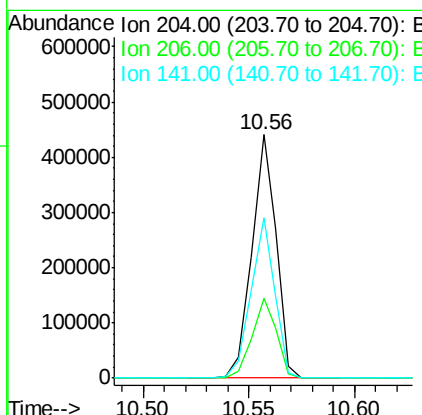
RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Tgt Ion:	204	Resp:	351073
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.5	39.7
141	65.7	54.6	81.8





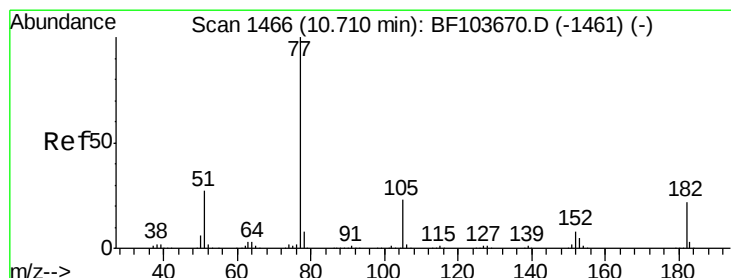
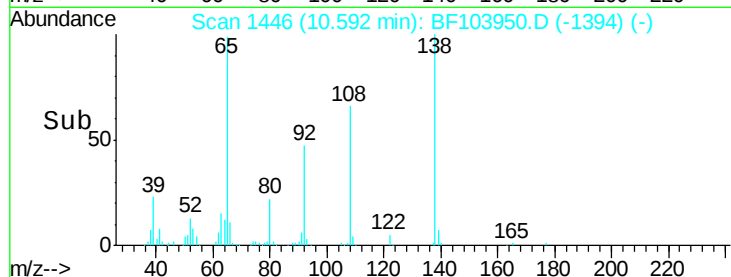
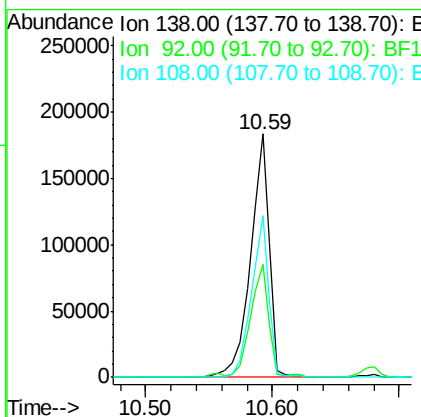
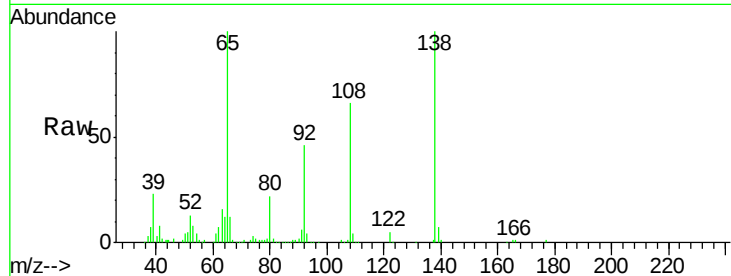
#61
4-Nitroaniline
Concen: 45.014 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Instrument :
BNA_F
ClientSampled :
PF-01MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.5	30.2	70.2
108	66.2	52.5	92.5

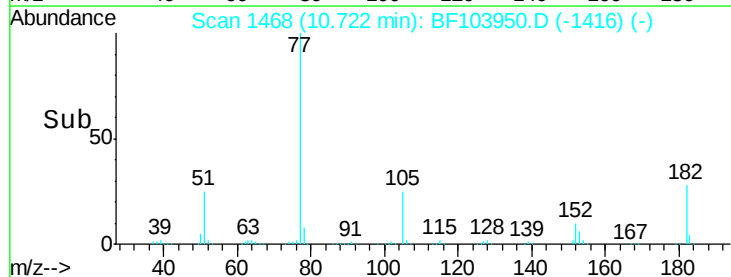
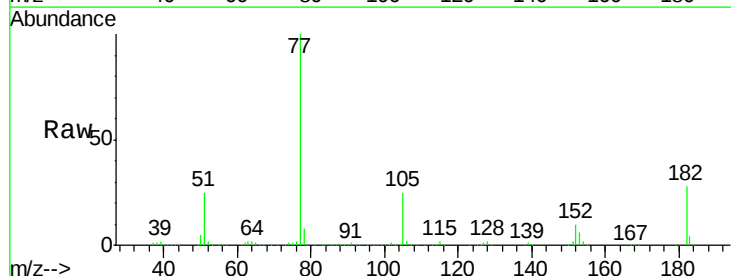
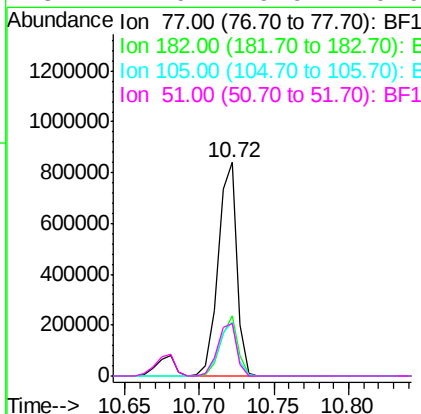
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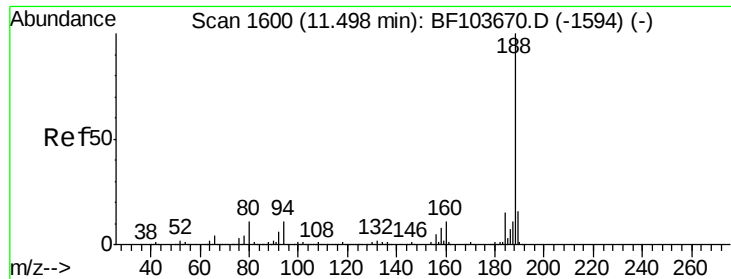
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#62
Azobenzene
Concen: 38.515 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.0	1.7	41.7
105	24.9	3.0	43.0
51	24.9	9.9	49.9





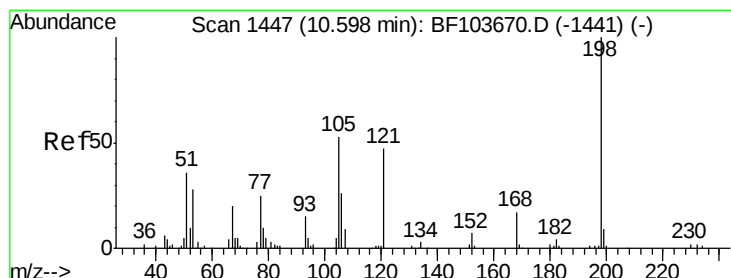
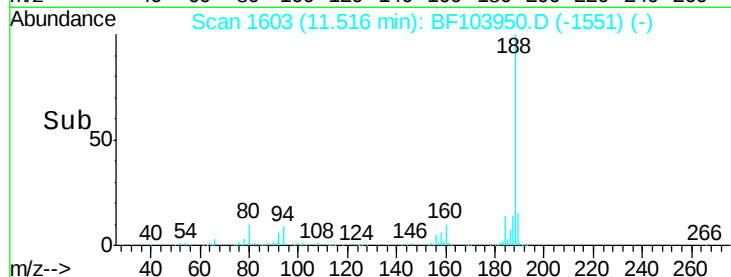
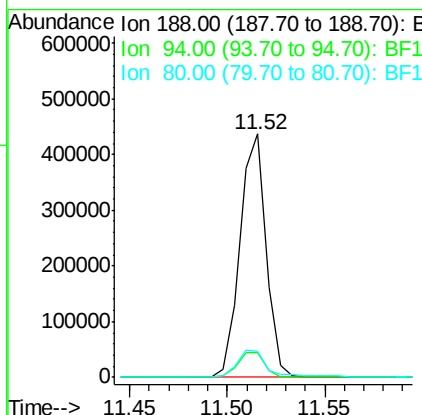
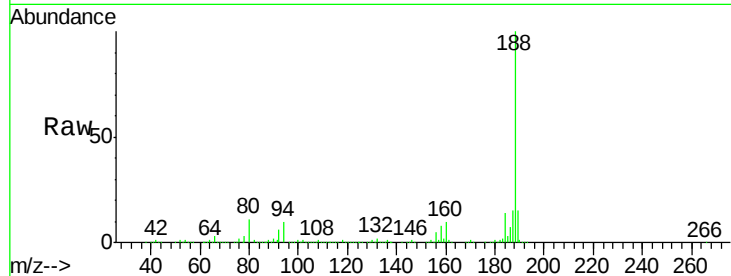
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.01 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Instrument :
BNA_F
ClientSampled :
PF-01MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.1	8.5	12.7	
80	10.6	9.2	13.8	

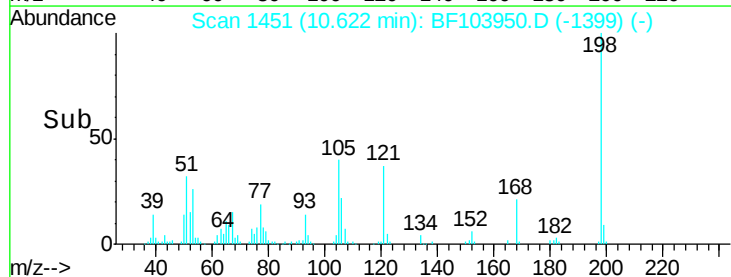
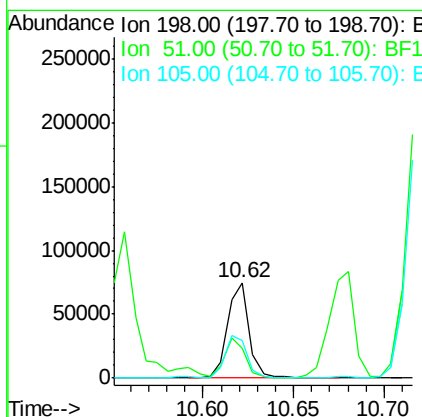
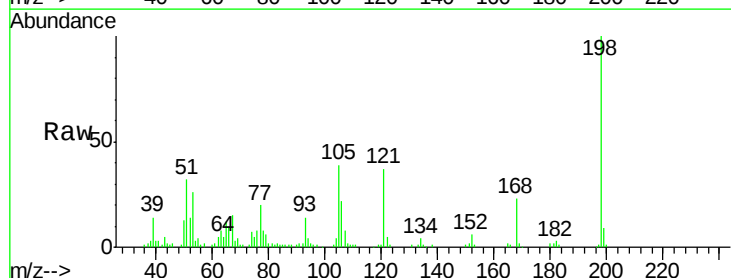
Manual Integrations
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.587 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	31.8	37.7	77.7#	
105	39.3	36.3	76.3	





#65

n-Nitrosodiphenylamine

Concen: 48.708 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Instrument :

BNA_F

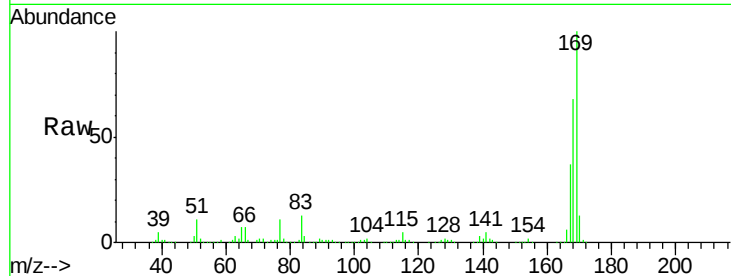
ClientSampled :

PF-01MS

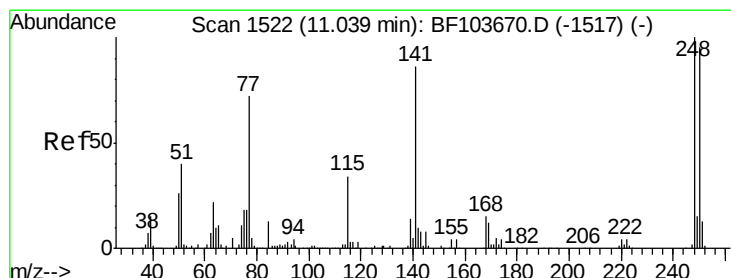
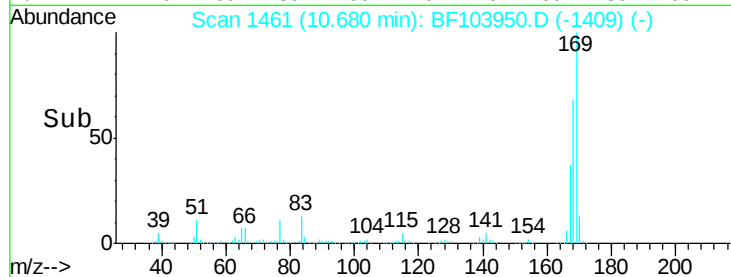
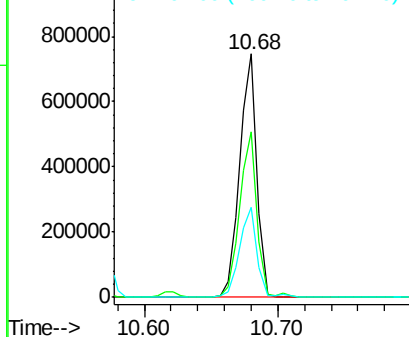
Tot Ion:	169	Resp:	669845
Ion Ratio	Lower	Upper	
169	100		
168	67.7	54.4	81.6
167	37.2	29.8	44.6

Manual Integrations
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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: 50.452 ng

RT: 11.05 min Scan# 1524

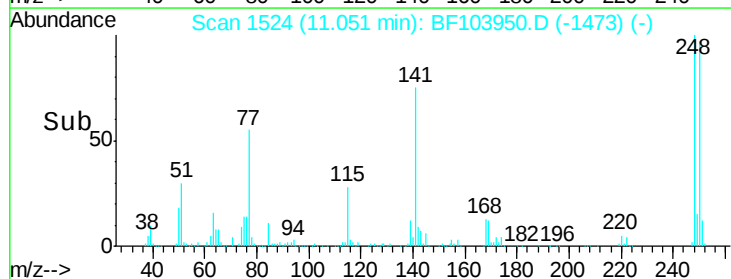
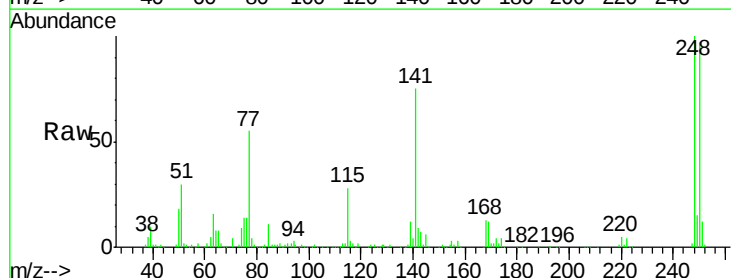
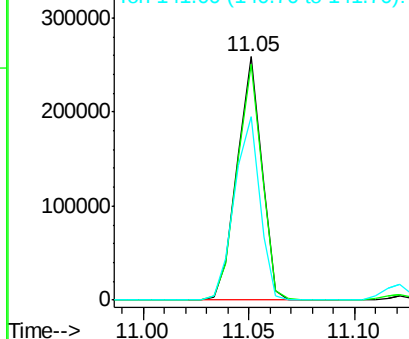
Delta R.T. -0.00 min

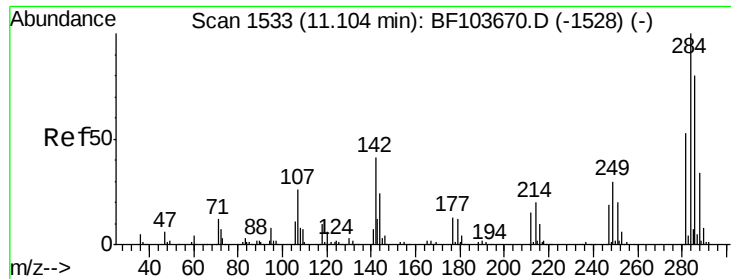
Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Tgt Ion:	248	Resp:	209289
Ion Ratio	Lower	Upper	
248	100		
250	96.9	76.9	115.3
141	75.1	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





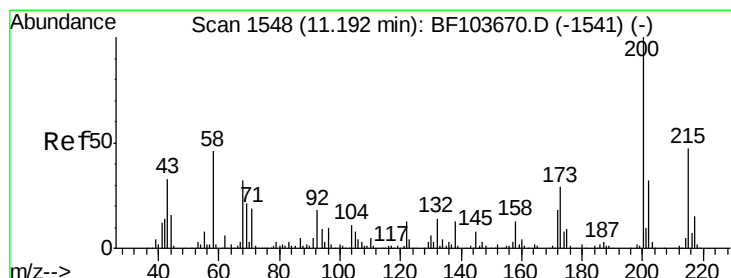
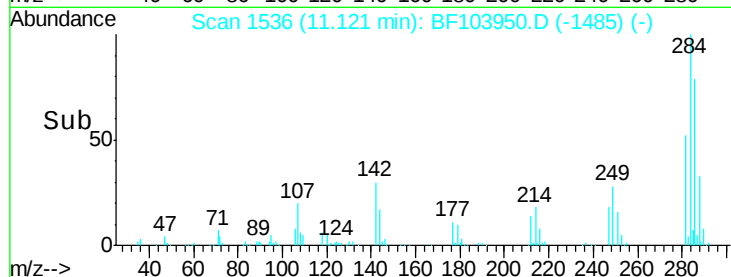
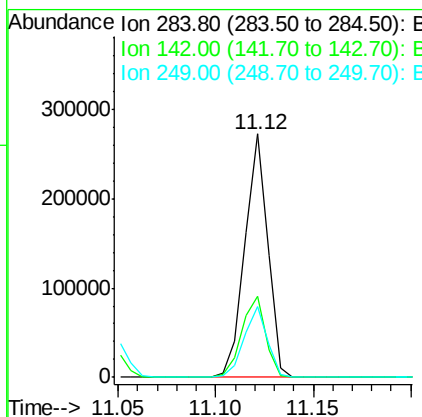
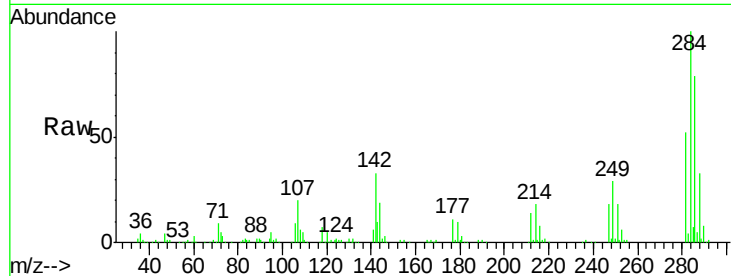
#67
Hexachlorobenzene
Concen: 47.047 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Instrument :
BNA_F
ClientSampled :
PF-01MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	222749		
142	33.1	34.6	52.0	
249	29.1	24.8	37.2	

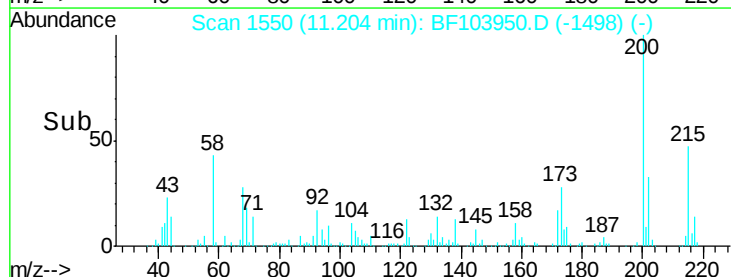
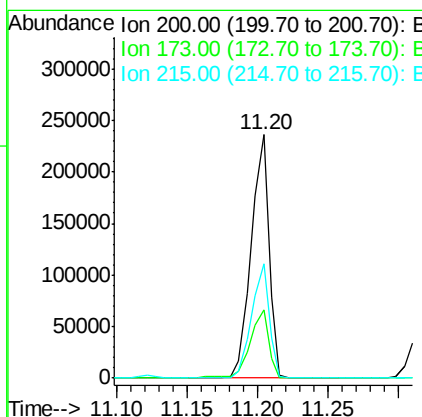
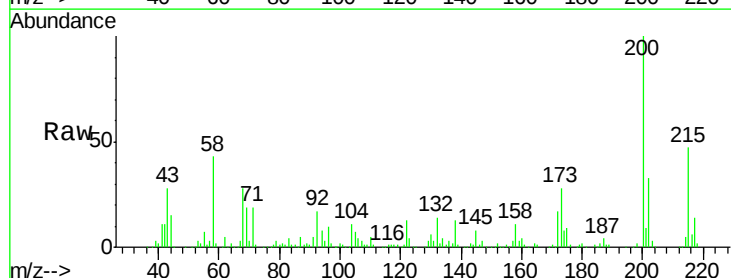
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#68
Atrazine
Concen: 49.794 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	211831		
173	28.1	8.6	48.6	
215	46.9	25.1	65.1	





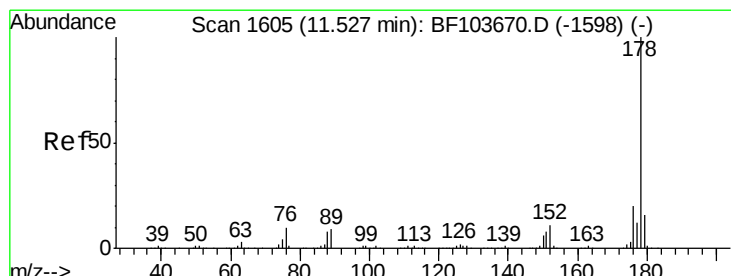
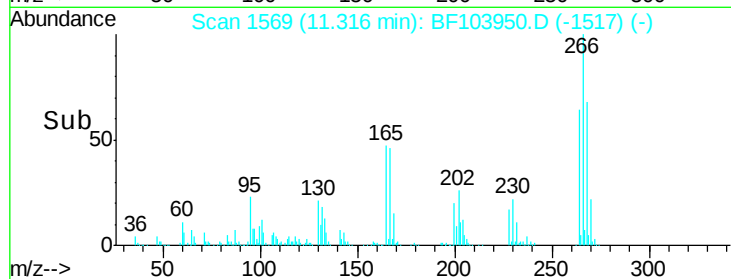
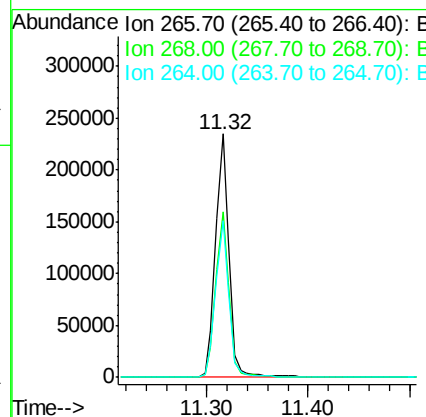
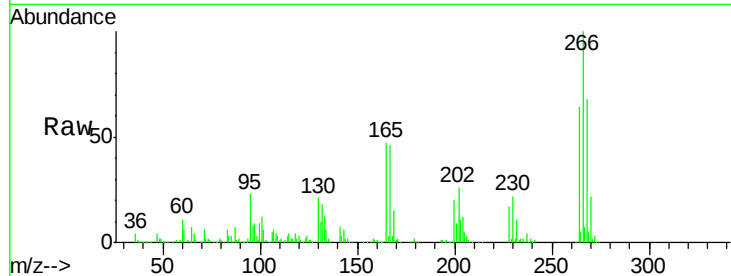
#69
 Pentachlorophenol
 Concen: 80.626 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: BF103950.D
 Acq: 27 Mar 2018 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PF-01MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.0	51.1	76.7
264	64.2	49.5	74.3

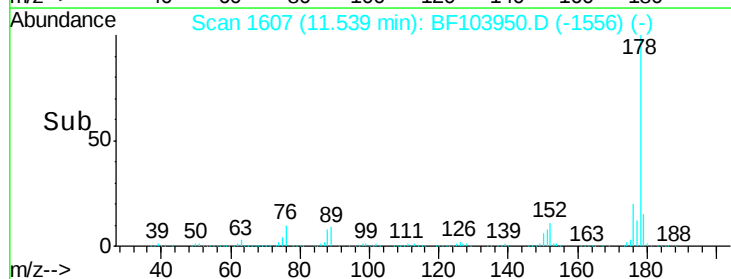
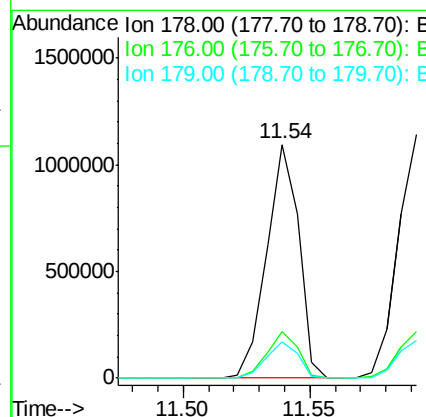
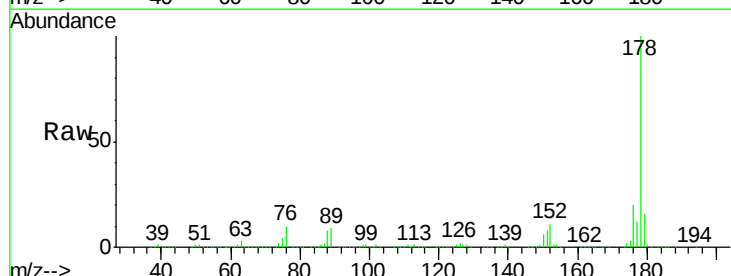
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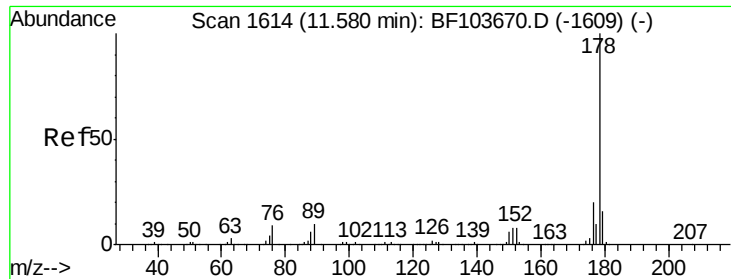
Sohil
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#70
 Phenanthrene
 Concen: 44.116 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BF103950.D
 Acq: 27 Mar 2018 2:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.8	13.0	19.6





#71

Anthracene

Concen: 43.833 ng

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Instrument :

BNA_F

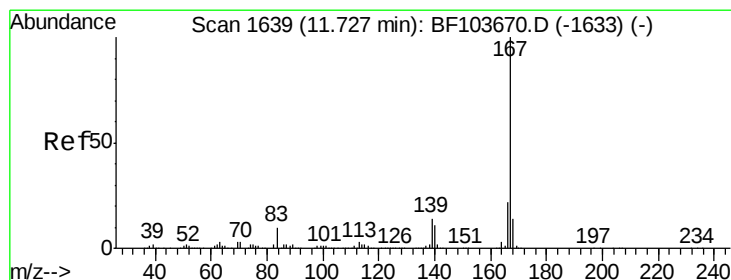
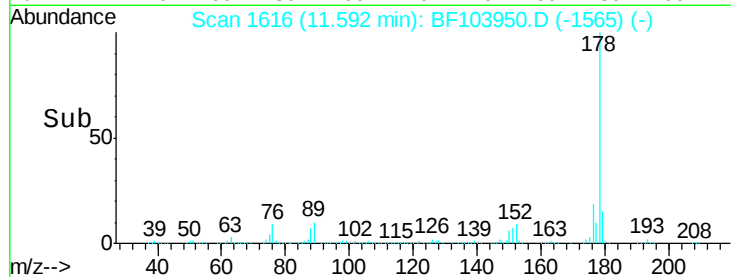
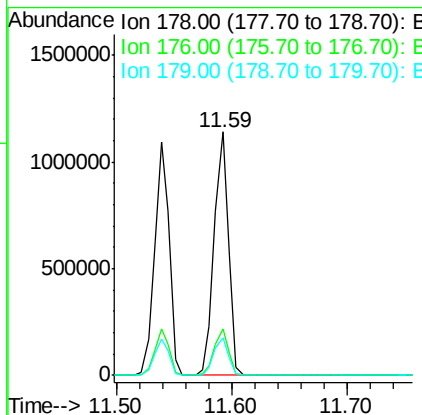
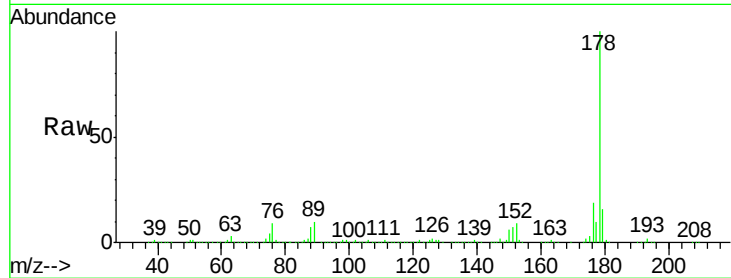
ClientSampled :

PF-01MS

Tot Ion:	178	Resp:	983933
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.4	23.2
179	15.7	12.6	19.0

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#72

Carbazole

Concen: 42.082 ng

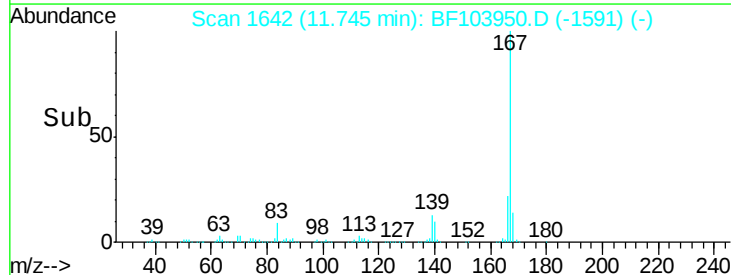
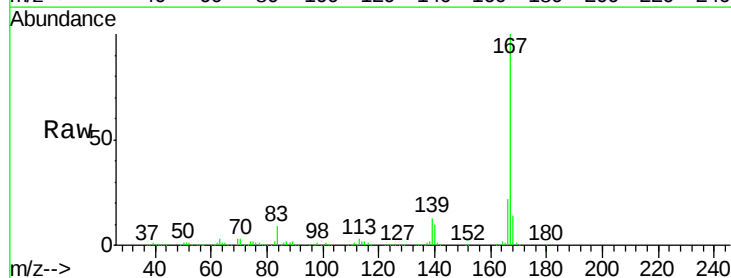
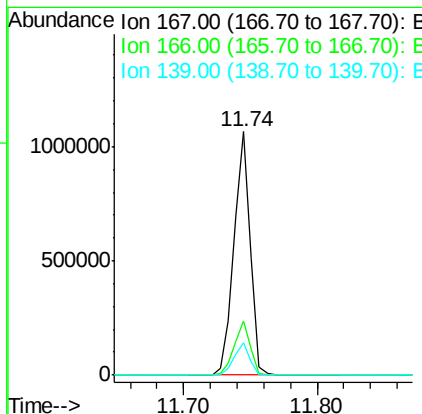
RT: 11.74 min Scan# 1642

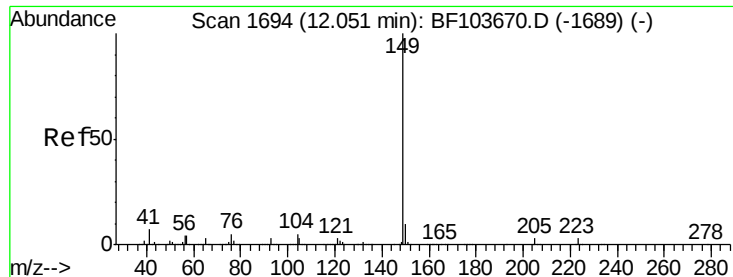
Delta R.T. -0.00 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Tgt Ion:	167	Resp:	918142
Ion Ratio	Lower	Upper	
167	100		
166	22.2	17.6	26.4
139	13.2	10.9	16.3





#73

Di-n-butylphthalate

Concen: 45.913 ng

RT: 12.06 min Scan# 1696

Delta R.T. -0.00 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Instrument :

BNA_F

ClientSampleId :

PF-01MS

Tot Ion:149 Resp: 1201937

Ion Ratio Lower Upper

149 100

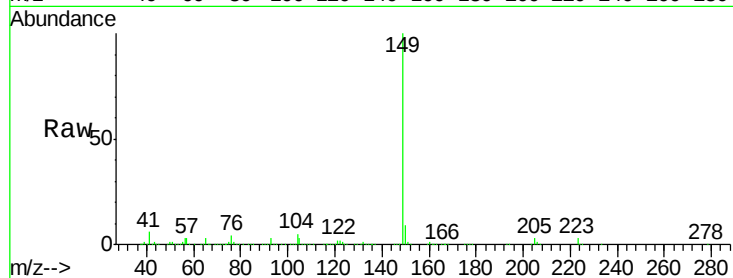
150 9.1 7.8 11.6

104 4.6 3.8 5.8

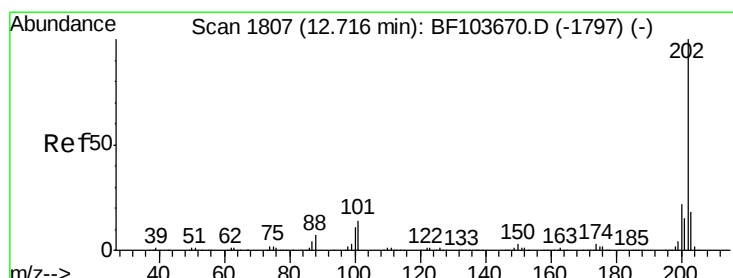
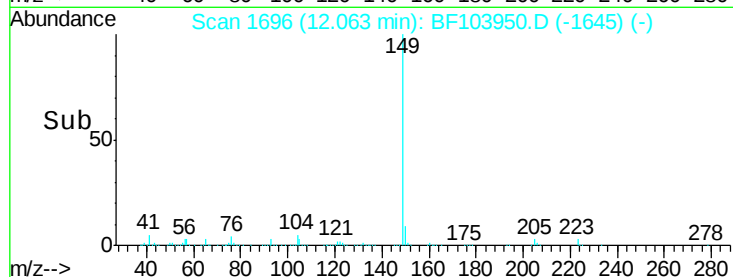
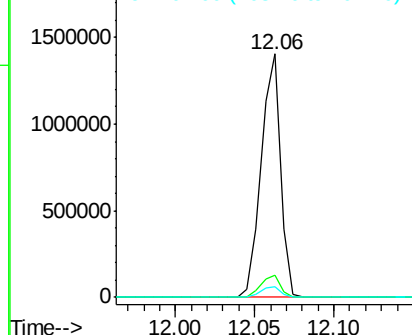
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.082 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

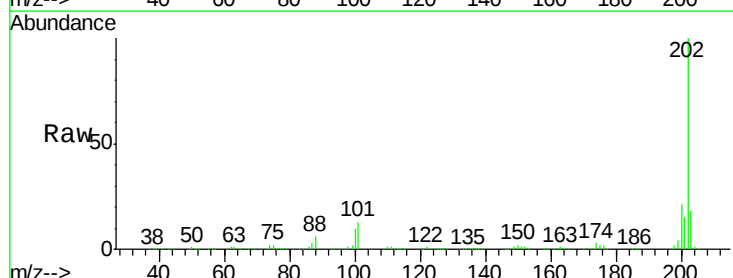
Tgt Ion:202 Resp: 889873

Ion Ratio Lower Upper

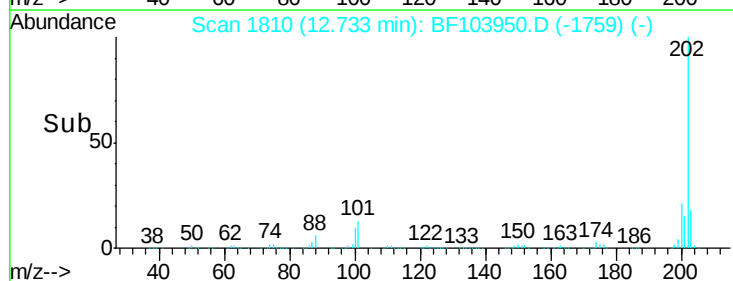
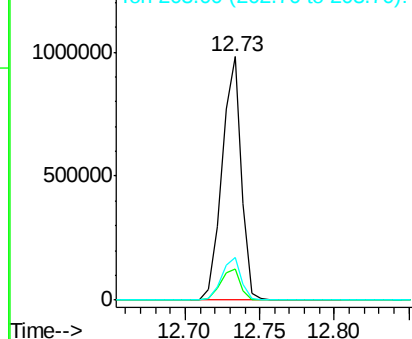
202 100

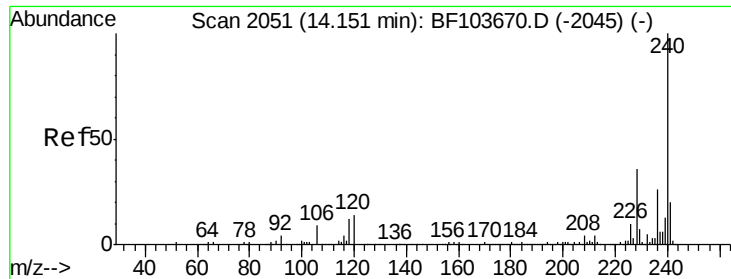
101 12.6 0.0 34.1

203 17.7 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





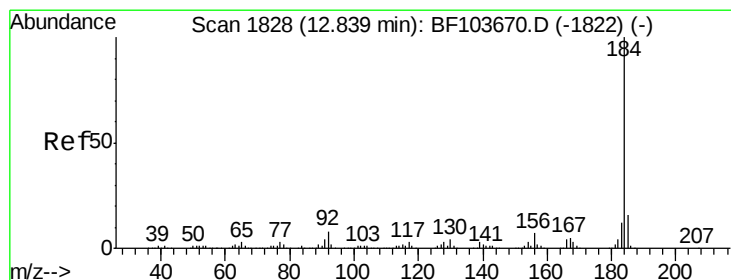
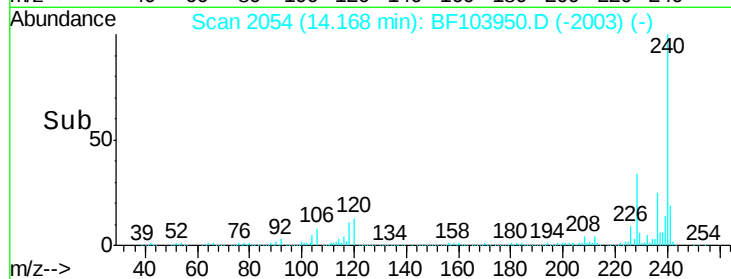
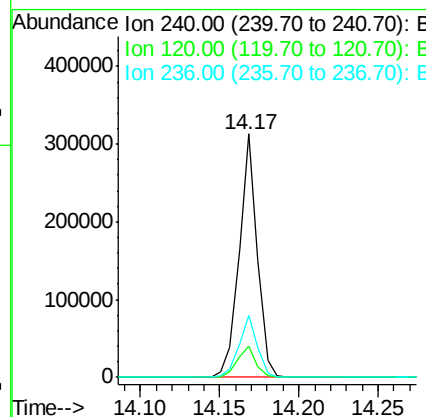
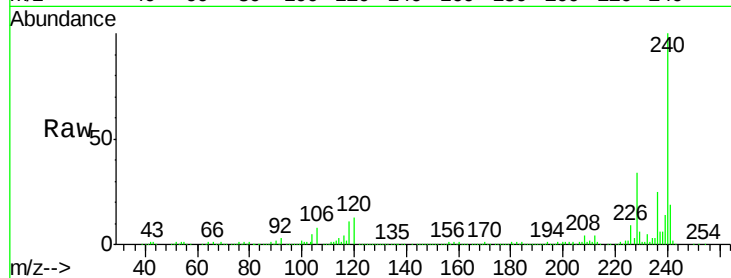
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Instrument :
BNA_F
ClientSampleId :
PF-01MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	25.3	20.7	31.1

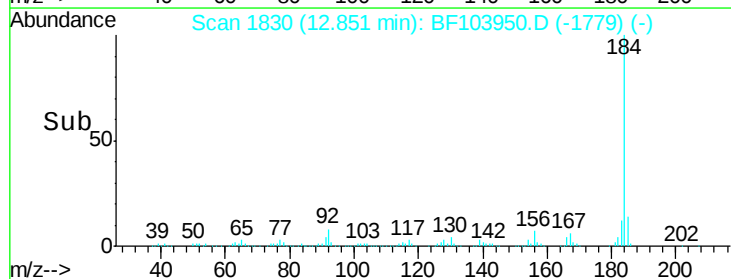
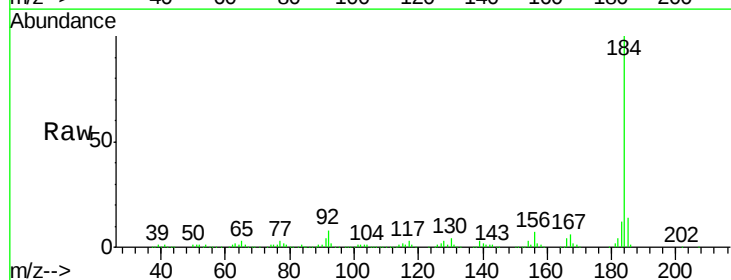
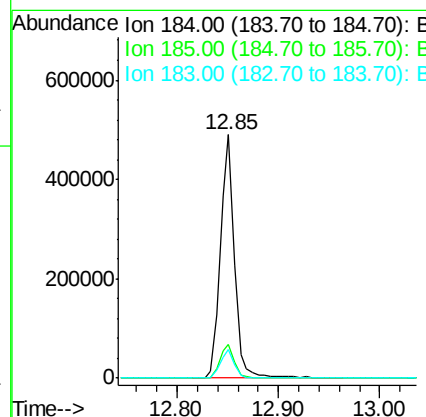
Manual Integrations
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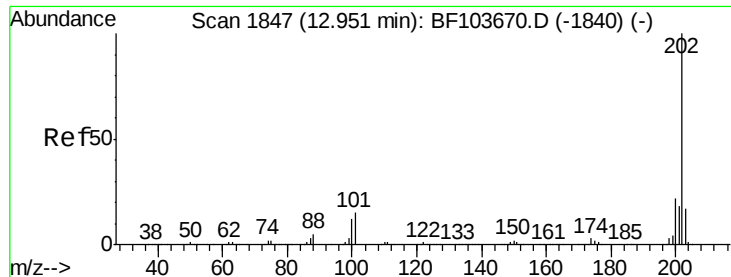
Sohil
3/27/2018 2:16:04 PM



#76
Benzidine
Concen: 44.850 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.6	18.8
183	12.0	9.3	13.9





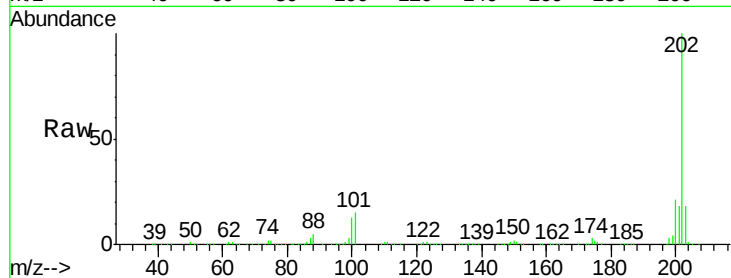
#77
Pvrene
Concen: 48.020 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Instrument :
BNA_F
ClientSampleId :
PF-01MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	17.6	14.3	21.5

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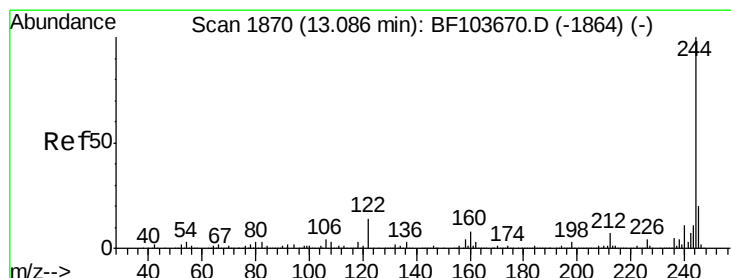
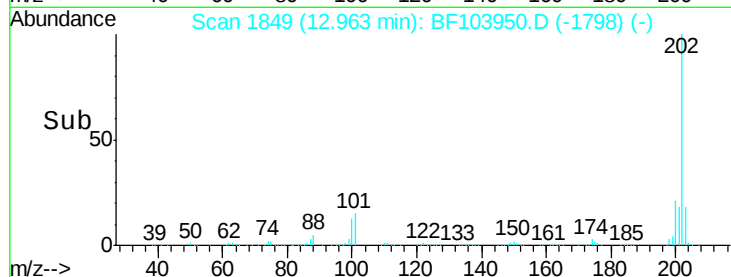
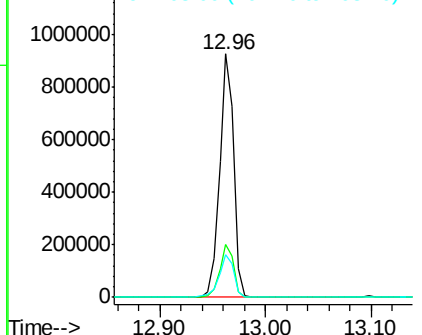


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 105.564 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

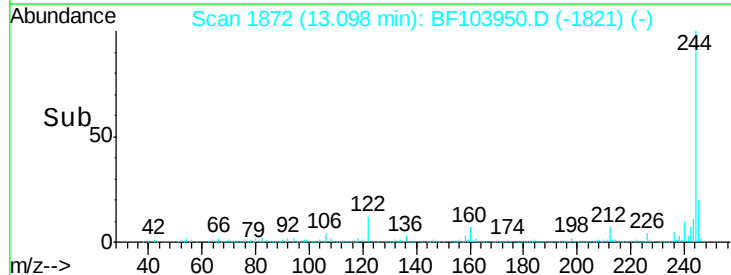
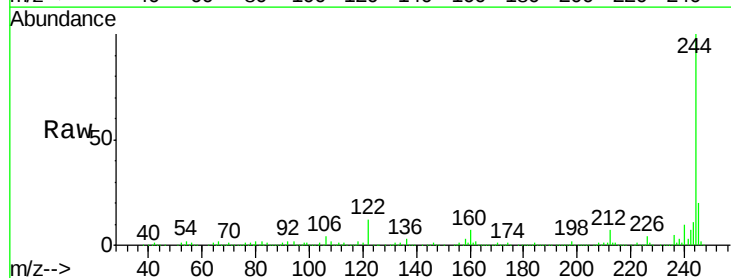
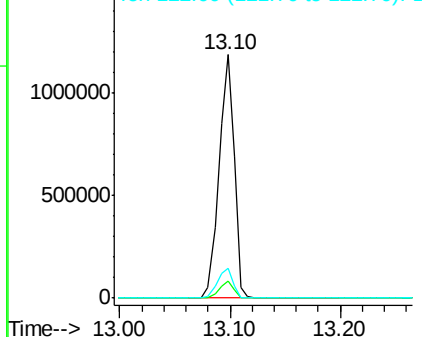
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.3	11.0	16.4

Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





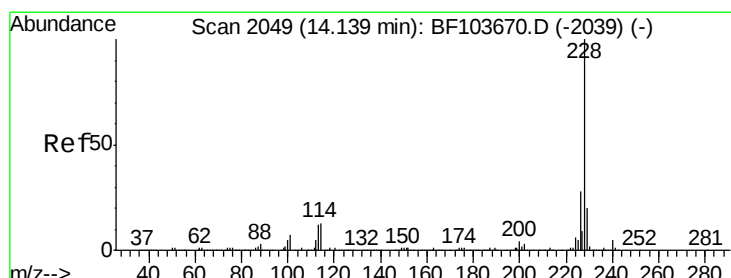
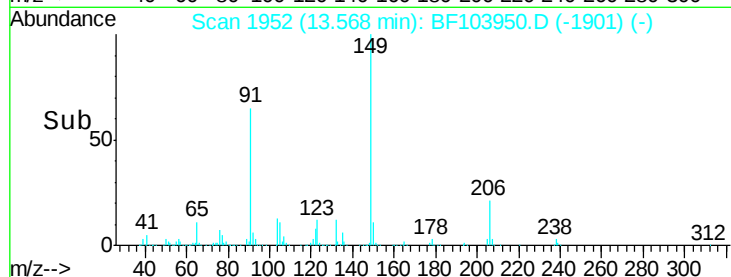
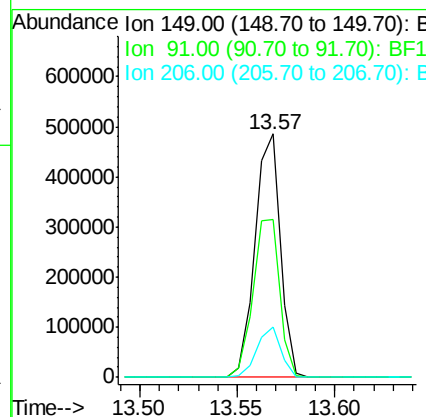
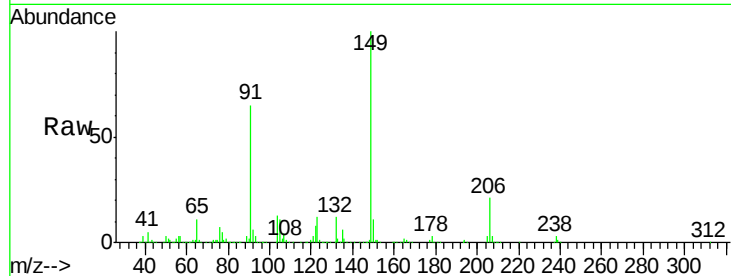
#79
Butylbenzylphthalate
Concen: 54.307 ng
RT: 13.57 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Instrument :
BNA_F
ClientSampled :
PF-01MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	438021		
91	64.6	56.8	85.2	
206	20.9	14.1	21.1	

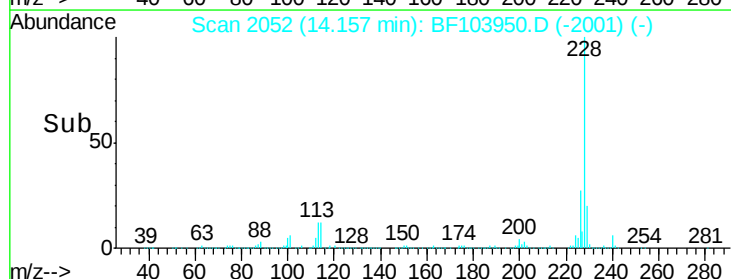
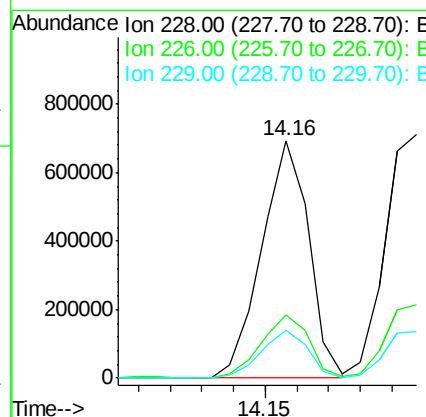
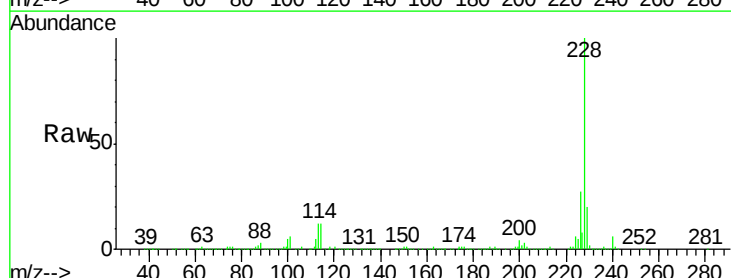
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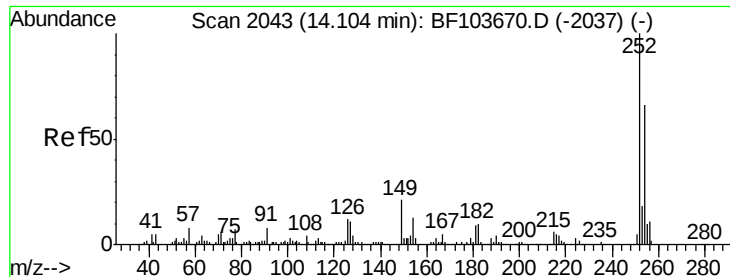
Sohil
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#80
Benzo(a)anthracene
Concen: 45.712 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	717276		
226	26.7	22.6	33.8	
229	20.0	15.8	23.6	





#81

3,3'-Dichlorobenzidine

Concen: 48.177 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Instrument :

BNA_F

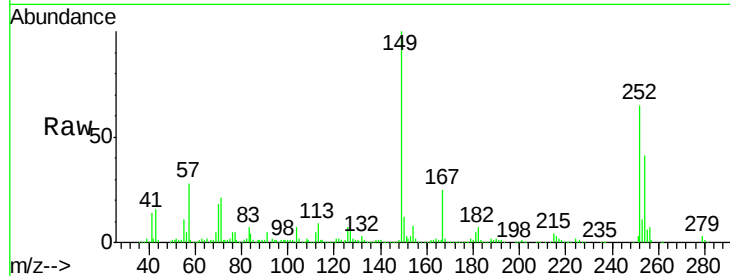
ClientSampled :

PF-01MS

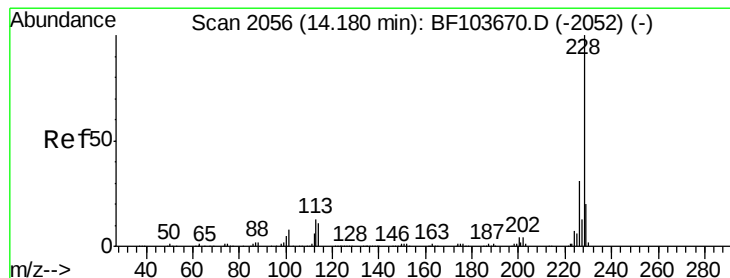
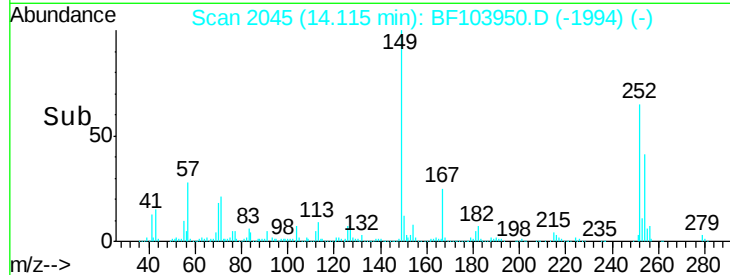
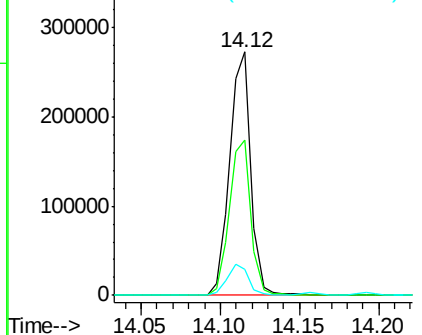
Tot Ion:	252	Resp:	252861
Ion Ratio	Lower	Upper	
252	100		
254	63.8	50.4	75.6
126	10.7	11.3	16.9#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 45.217 ng

RT: 14.20 min Scan# 2059

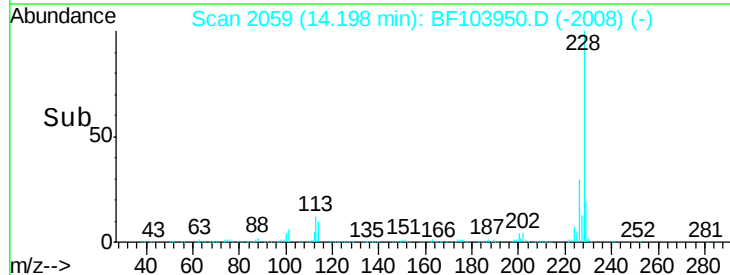
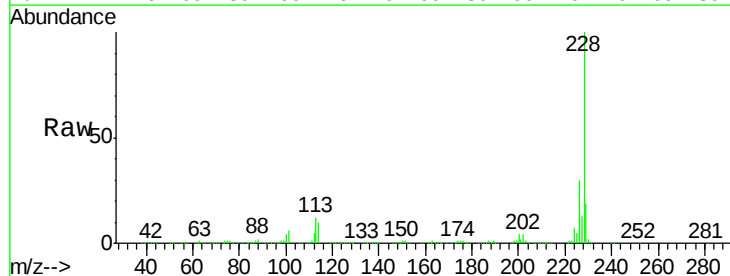
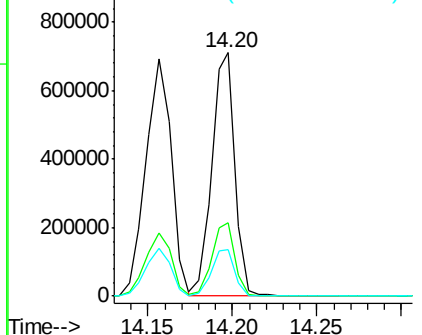
Delta R.T. -0.00 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Tgt Ion:	228	Resp:	676335
Ion Ratio	Lower	Upper	
228	100		
226	30.0	25.0	37.6
229	19.1	16.2	24.4

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





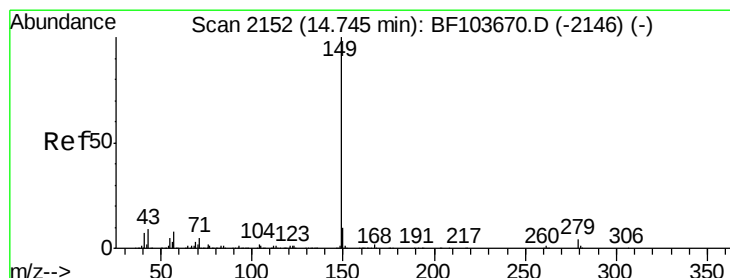
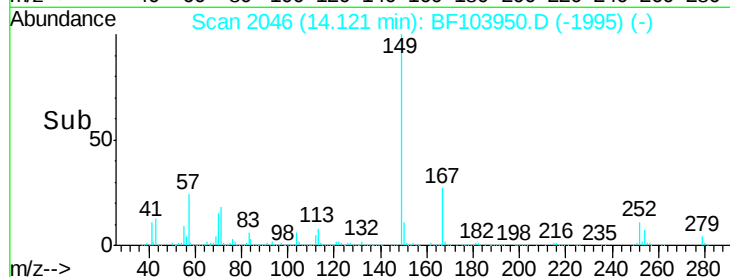
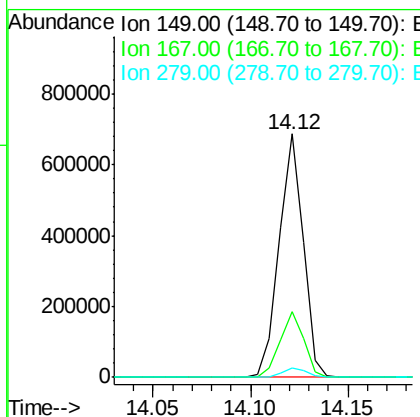
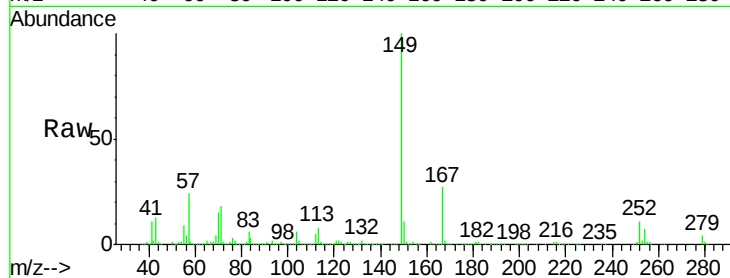
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.936 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. -0.00 min
 Lab File: BF103950.D
 Acq: 27 Mar 2018 2:28

Instrument :
 BNA_F
 ClientSampleId :
 PF-01MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	3.7	3.0	4.4

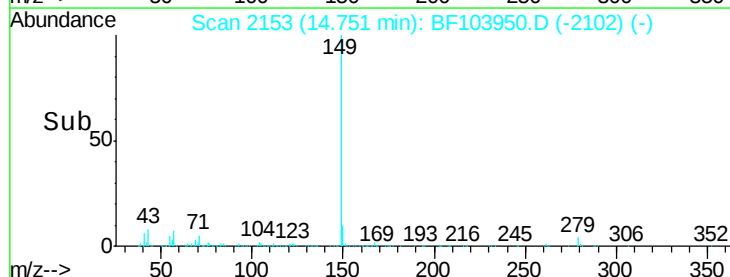
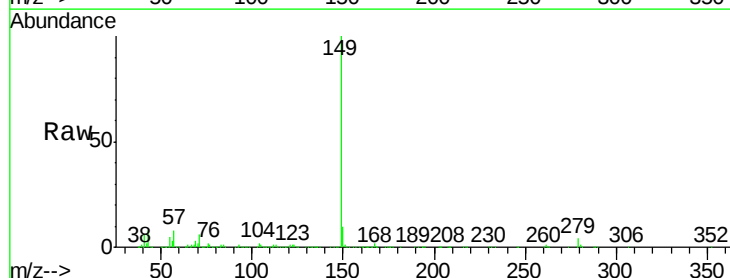
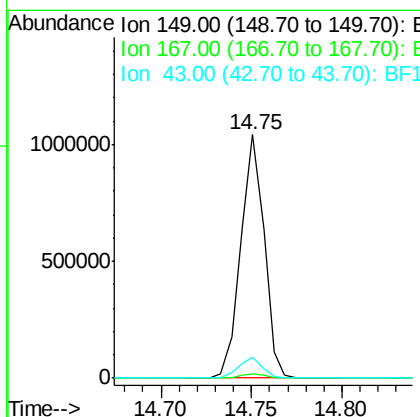
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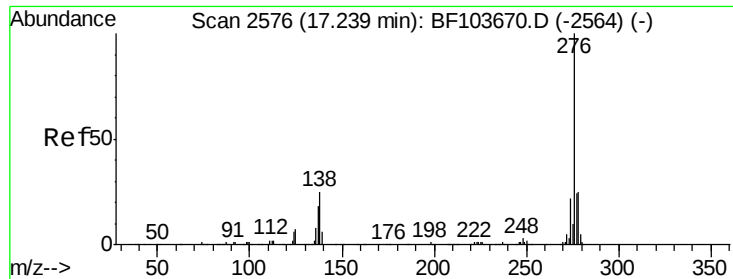
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#84
 Di-n-octyl phthalate
 Concen: 55.632 ng
 RT: 14.75 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BF103950.D
 Acq: 27 Mar 2018 2:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	8.2	8.4	12.6





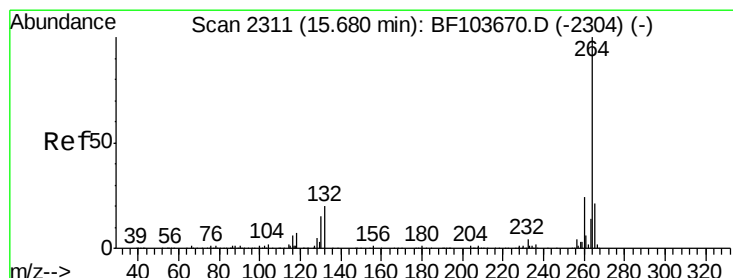
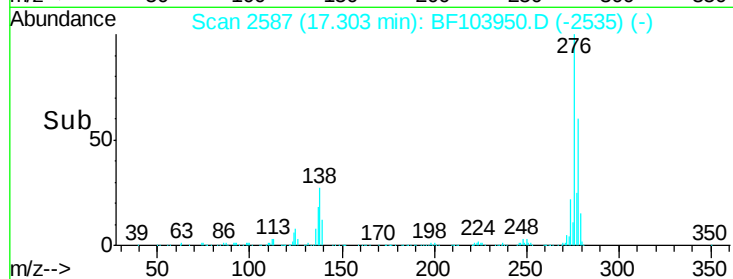
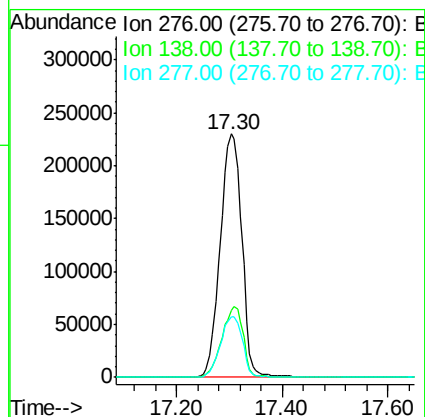
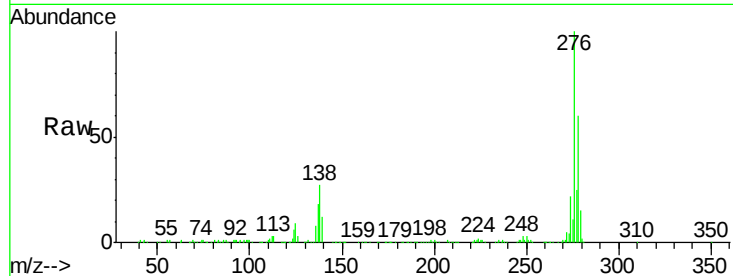
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.110 ng
 RT: 17.30 min Scan# 2587
 Delta R.T. 0.01 min
 Lab File: BF103950.D
 Acq: 27 Mar 2018 2:28

Instrument :
 BNA_F
 ClientSampled :
 PF-01MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.5	25.0	37.6
277	25.4	20.1	30.1

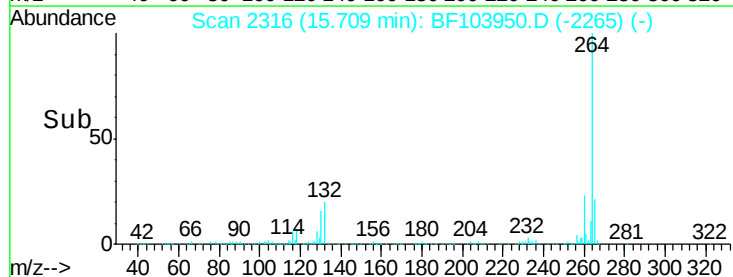
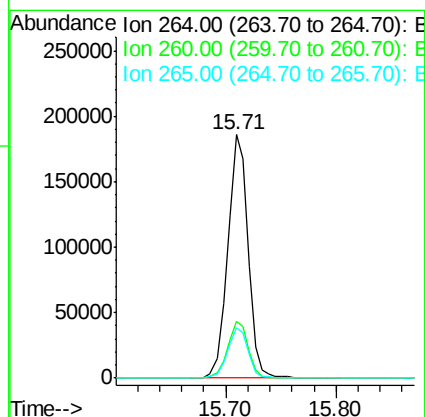
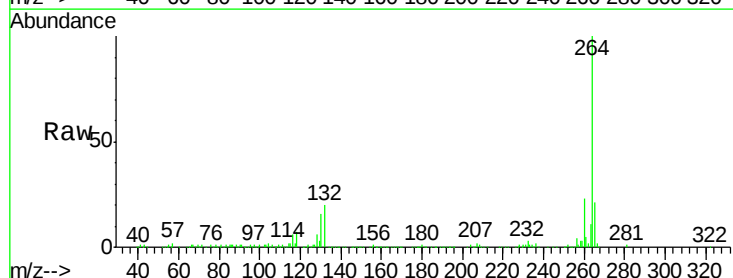
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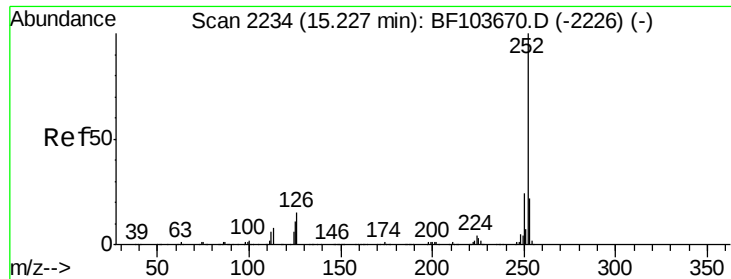
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2316
 Delta R.T. -0.00 min
 Lab File: BF103950.D
 Acq: 27 Mar 2018 2:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.9	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 44.581 ng

RT: 15.25 min Scan# 2238

Delta R.T. -0.00 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Instrument :

BNA_F

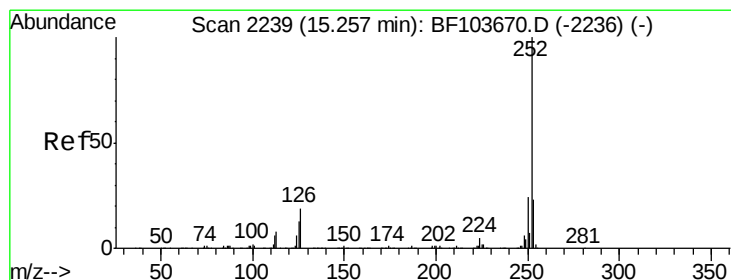
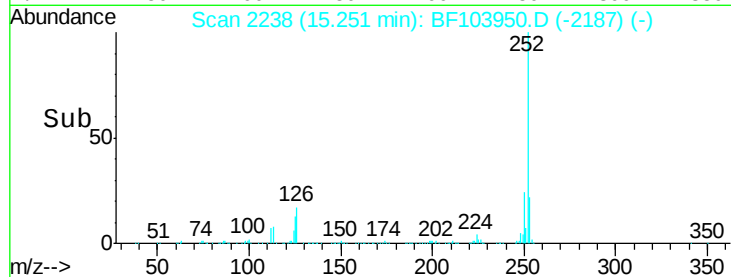
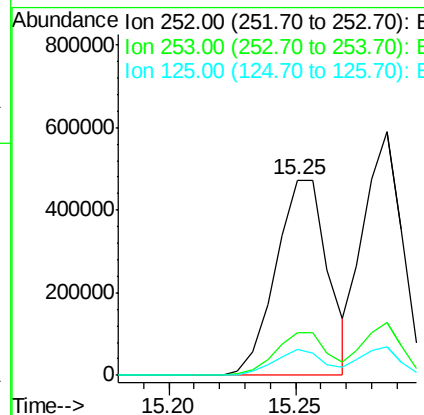
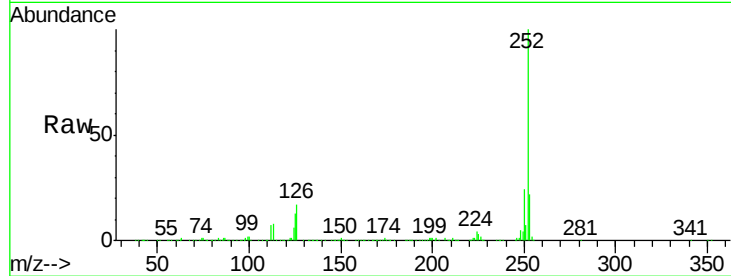
ClientSampleId :

PF-01MS

Tot Ion:	252	Resp:	675339
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.0	25.6
125	13.0	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 43.530 ng

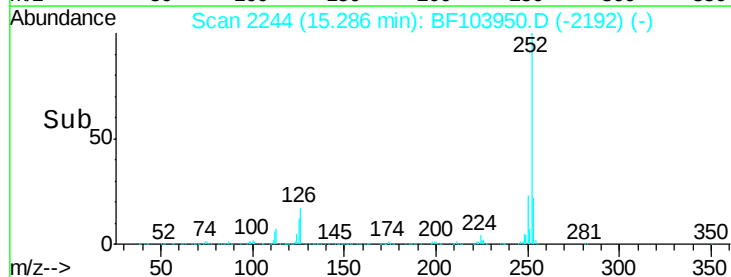
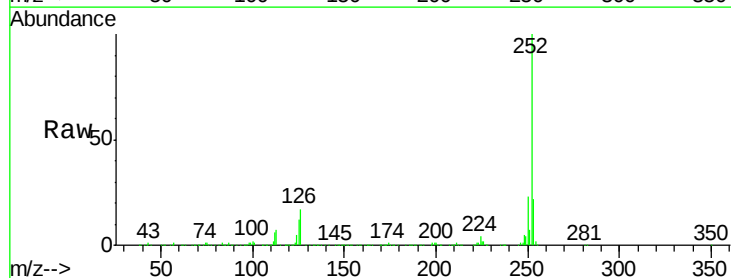
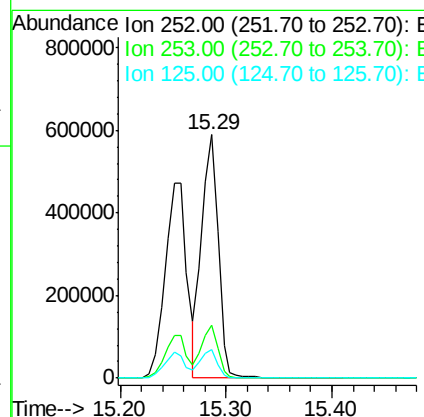
RT: 15.29 min Scan# 2244

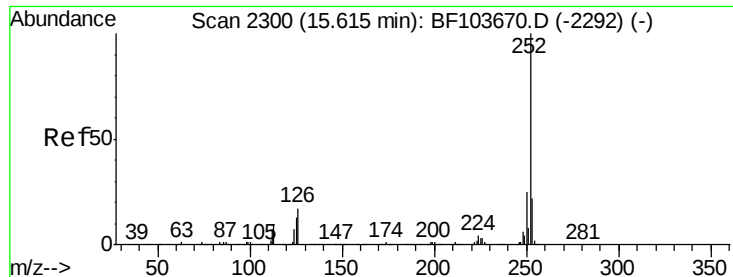
Delta R.T. 0.01 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Tgt Ion:	252	Resp:	633875
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.9	26.9
125	11.7	10.2	15.2





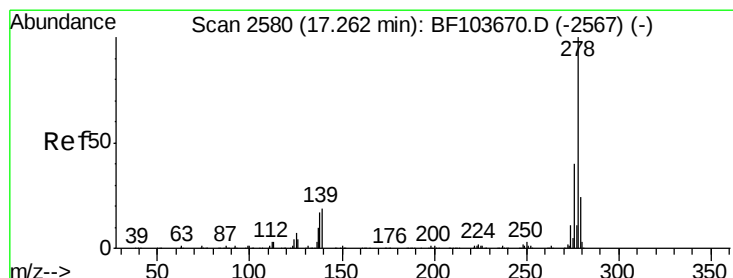
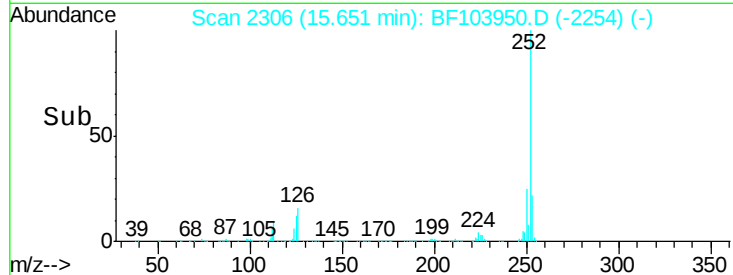
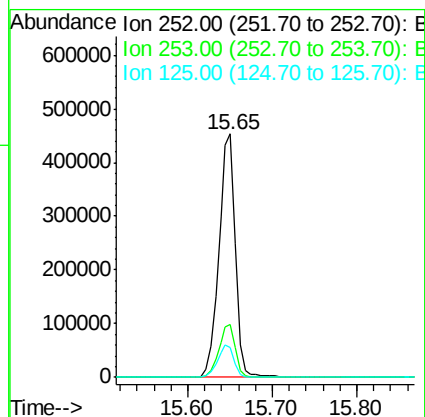
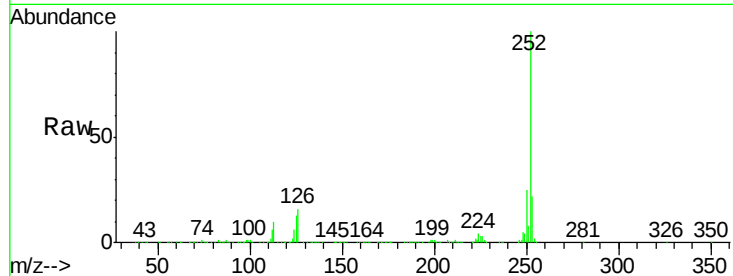
#89
Benzo(a)pyrene
Concen: 45.159 ng
RT: 15.65 min Scan# 2306
Delta R.T. 0.01 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Instrument :
BNA_F
ClientSampleId :
PF-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	12.5	9.8	14.6

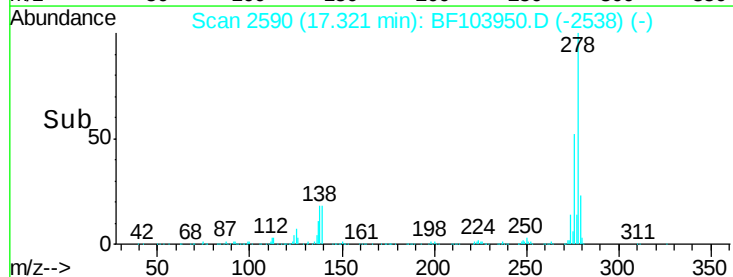
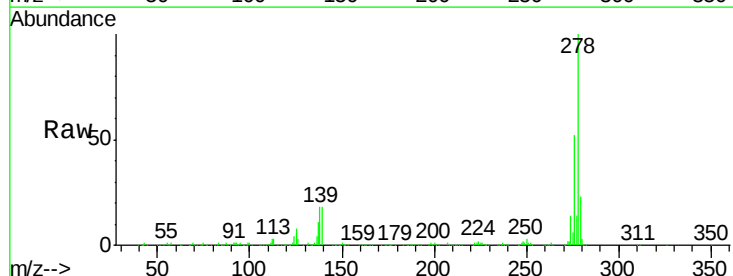
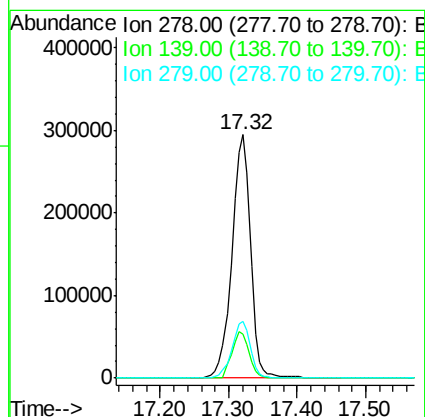
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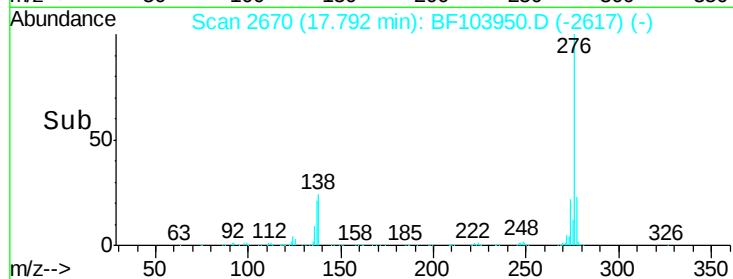
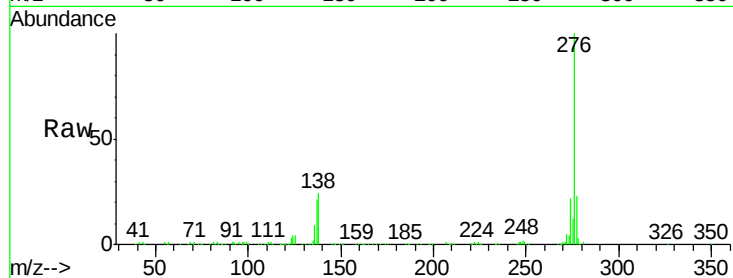
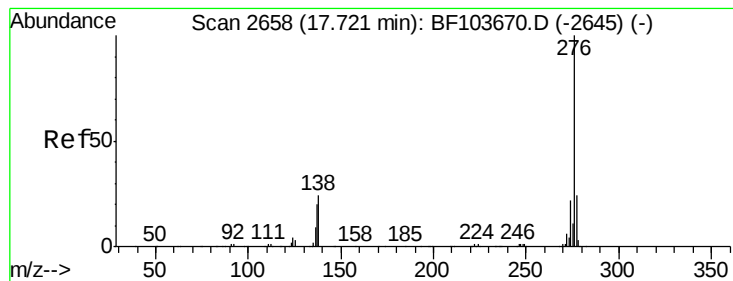
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 46.754 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.01 min
Lab File: BF103950.D
Acq: 27 Mar 2018 2:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.9	23.9
279	23.5	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 45.117 ng

RT: 17.79 min Scan# 2670

Delta R.T. 0.01 min

Lab File: BF103950.D

Acq: 27 Mar 2018 2:28

Instrument :

BNA_F

ClientSampleId :

PF-01MS

Tot Ion: 276 Resp: 522195

Ion Ratio Lower Upper

276 100

277 23.2 17.9 26.9

138 23.6 21.8 32.8

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