

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103652.D
 Acq On : 14 Mar 2018 20:26
 Operator : SJ/JU
 Sample : J1909-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 15 01:01:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	123165	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	506060	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	196080	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	275468	20.00	ng	0.00
75) Chrysene-d12	14.06	240	219739	20.00	ng	0.00
86) Perylene-d12	15.57	264	198296	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	779547	95.73	ng	0.00
7) Phenol-d6	6.50	99	1028229	103.19	ng	0.00
23) Nitrobenzene-d5	7.43	82	648022	73.13	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	122127	73.58	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	882592	75.48	ng	0.00
78) Terphenyl-d14	12.97	244	526131	57.56	ng	0.00

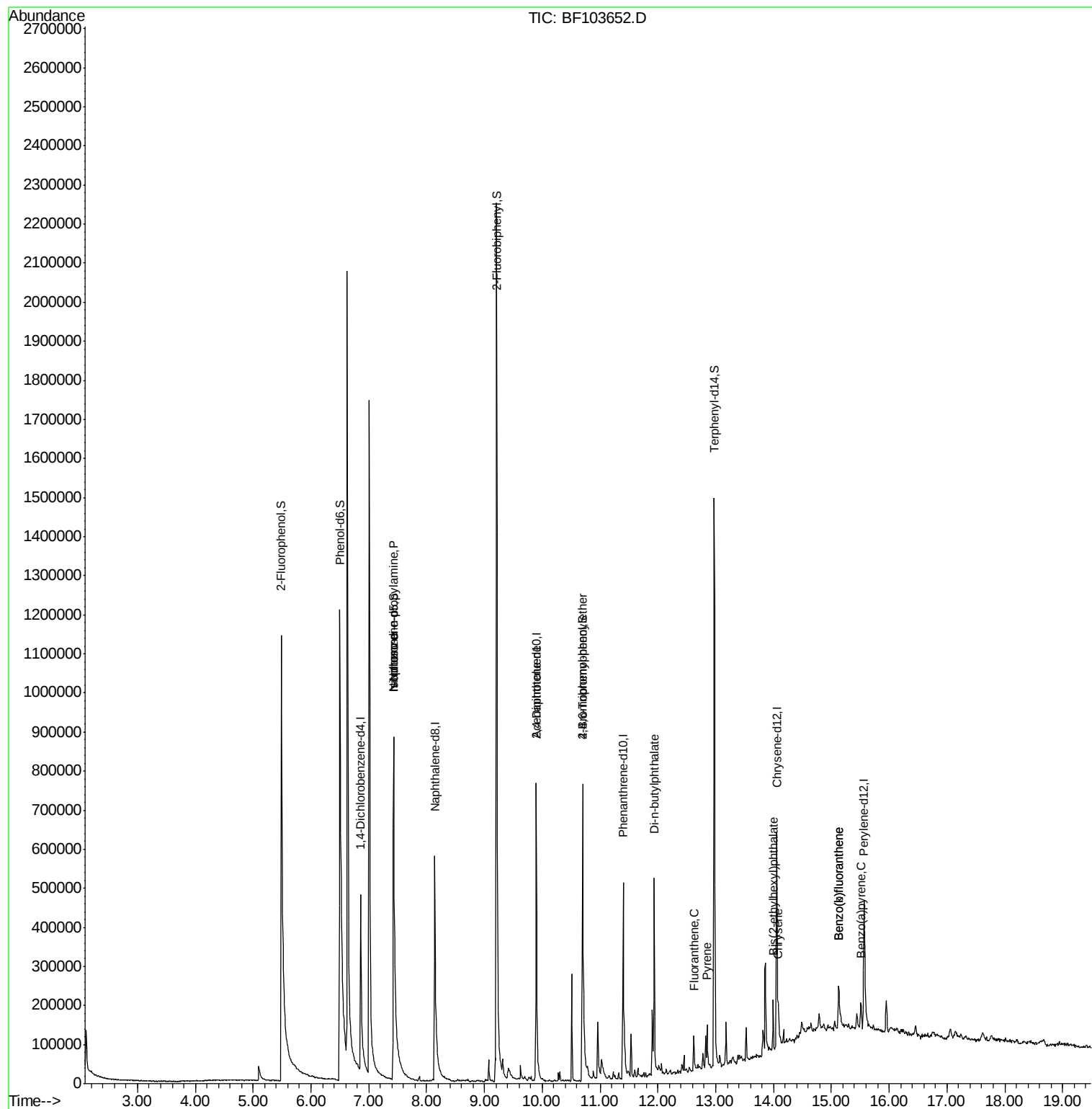
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.50	77	2205	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.43	70	76926	12.404	ng	# 83
25) Isophorone	7.43	82	652272	37.374	ng	# 64
56) 2,4-Dinitrotoluene	9.90	165	23927	5.731	ng	# 24
66) 4-Bromophenyl-phenylether	10.70	248	8716	3.037	ng	# 1
73) Di-n-butylphthalate	11.93	149	247684	12.786	ng	98
74) Fluoranthene	12.62	202	47940	3.147	ng	97
77) Pyrene	12.85	202	52639	3.073	ng	98
82) Chrysene	14.09	228	31024	2.241	ng	93
83) Bis(2-ethylhexyl)phthalate	13.99	149	31711	2.596	ng	97
87) Benzo(b)fluoranthene	15.13	252	50174	3.848	ng	# 87
88) Benzo(k)fluoranthene	15.13	252	50174	4.087	ng	# 89
89) Benzo(a)pyrene	15.51	252	25161	2.161	ng	# 84

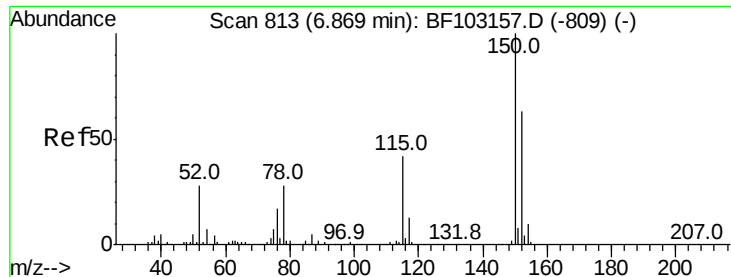
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
Data File : BF103652.D
Acq On : 14 Mar 2018 20:26
Operator : SJ/JU
Sample : J1909-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 15 01:01:26 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 18:08:29 2018
Response via : Initial Calibration



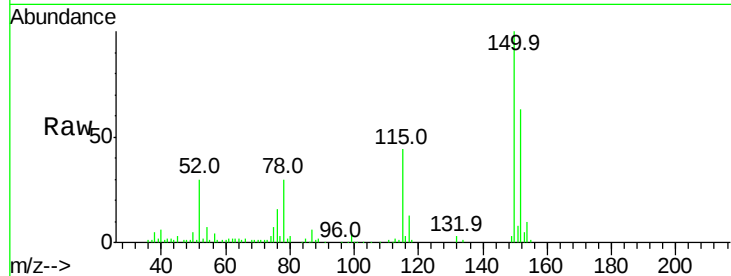


#1

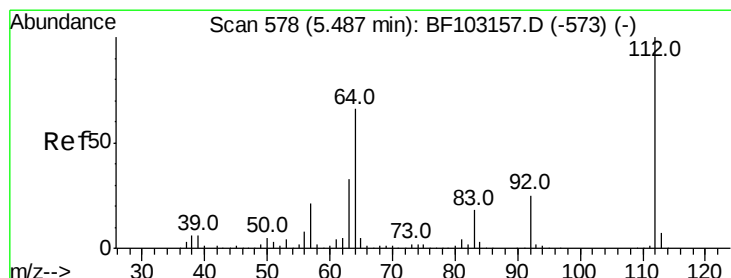
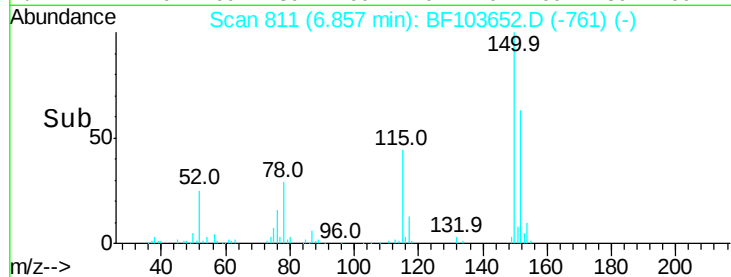
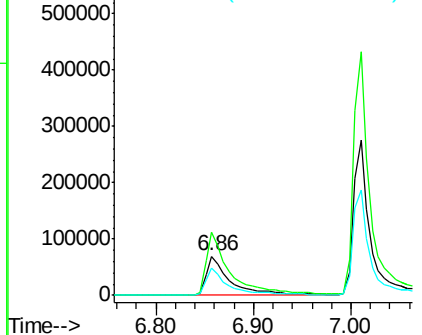
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103652.D
Acq: 14 Mar 2018 20:26

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	69.2	50.1	75.1



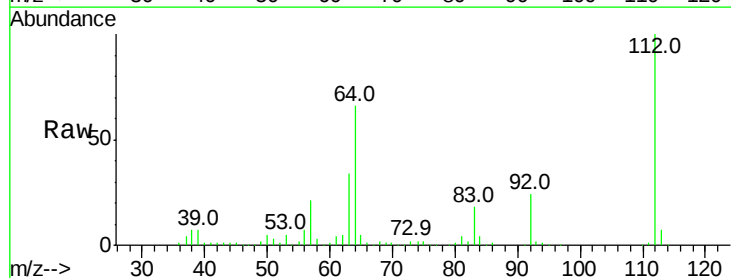
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



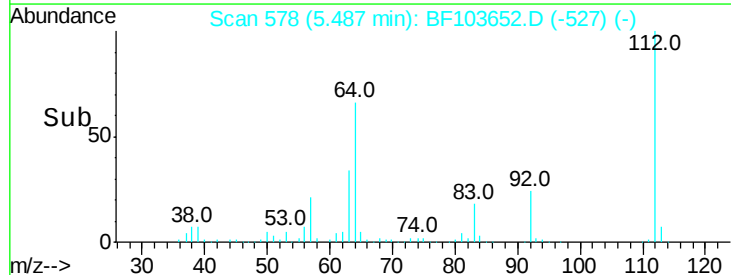
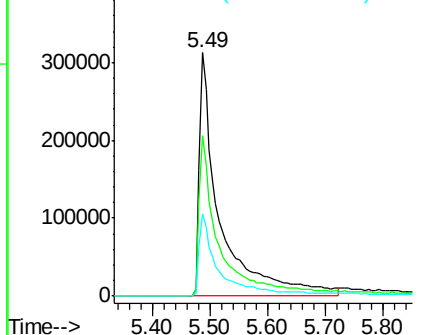
#5

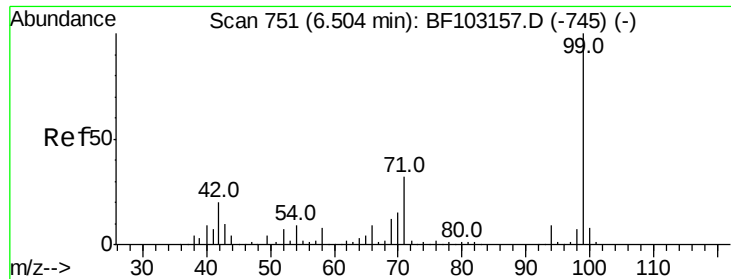
2-Fluorophenol
Concen: 95.726 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103652.D
Acq: 14 Mar 2018 20:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	47.9	71.9
63	33.6	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 103.186 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103652.D

Acq: 14 Mar 2018 20:26

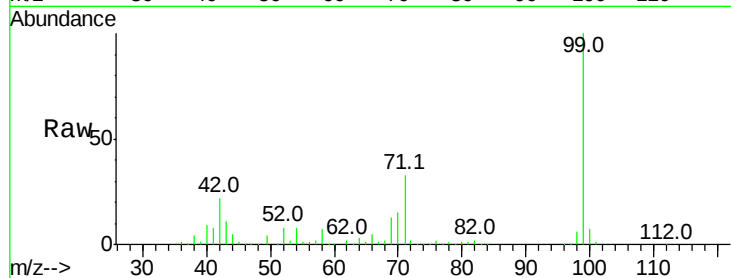
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1028229

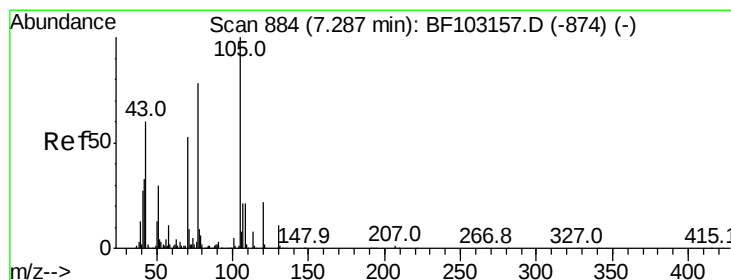
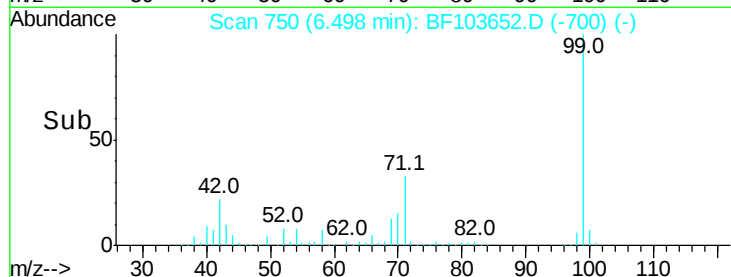
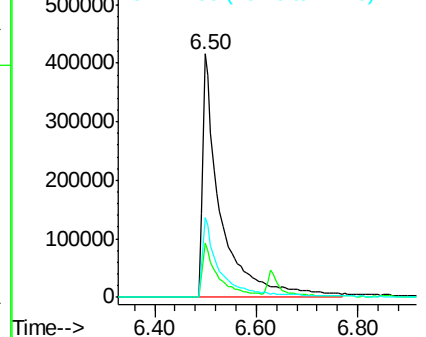
Ion	Ratio	Lower	Upper
99	100		
42	22.0	14.5	21.7#
71	32.7	25.4	38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.404 ng

RT: 7.43 min Scan# 908

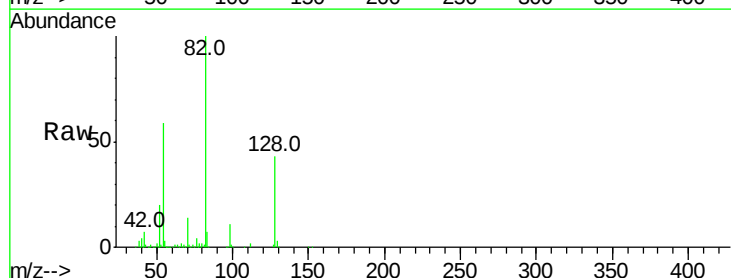
Delta R.T. 0.16 min

Lab File: BF103652.D

Acq: 14 Mar 2018 20:26

Tgt Ion: 70 Resp: 76926

Ion	Ratio	Lower	Upper
70	100		
42	54.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#

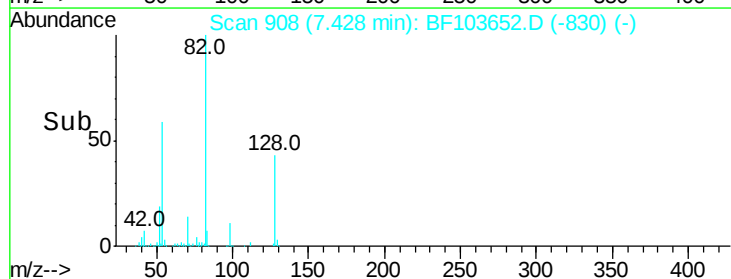
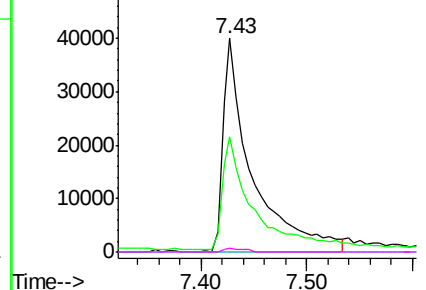


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

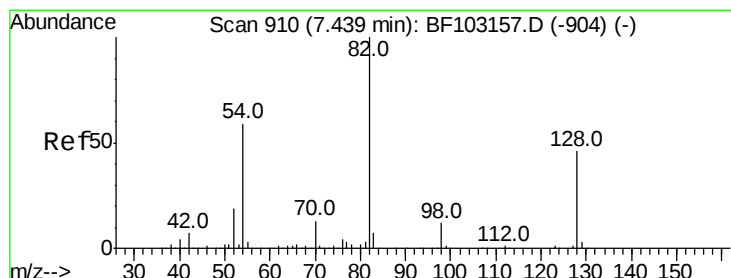
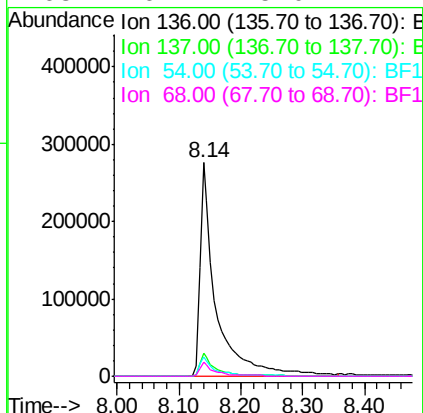
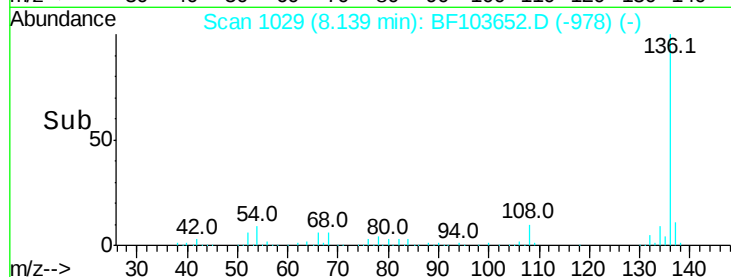
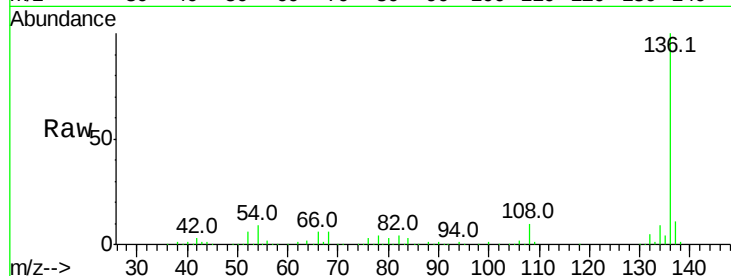




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF103652.D
Acq: 14 Mar 2018 20:26

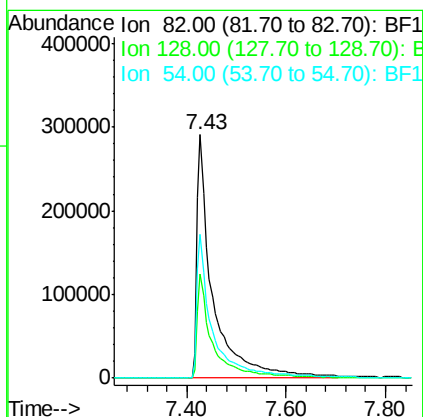
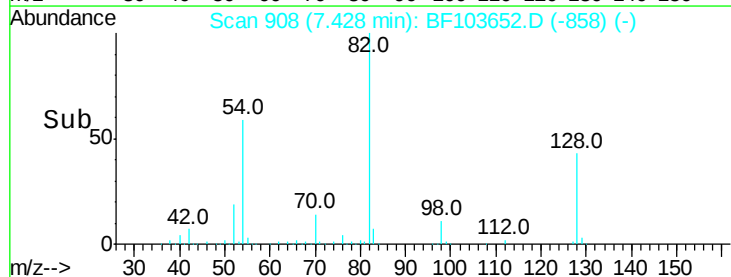
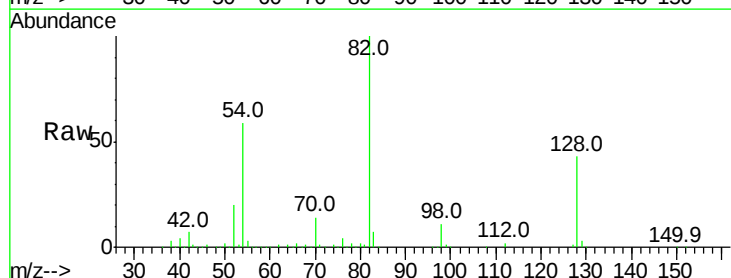
Instrument :
BNA_F
ClientSampleId :

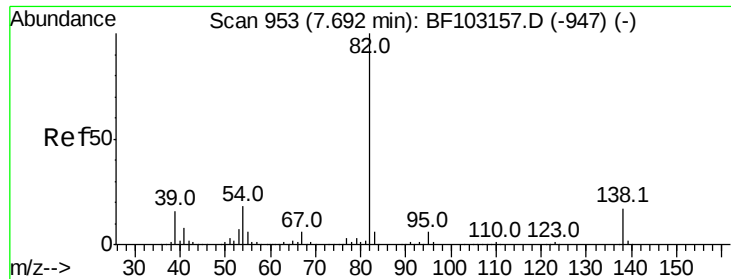
Tot Ion:136	Resp:	506060
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	9.2	6.6 9.8
68	6.4	5.0 7.4



#23
Nitrobenzene-d5
Concen: 73.129 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103652.D
Acq: 14 Mar 2018 20:26

Tgt Ion: 82	Resp:	648022
Ion	Ratio	Lower Upper
82	100	
128	43.0	36.1 54.1
54	58.9	41.4 62.2

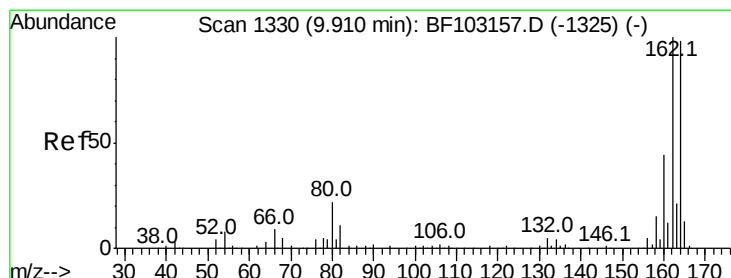
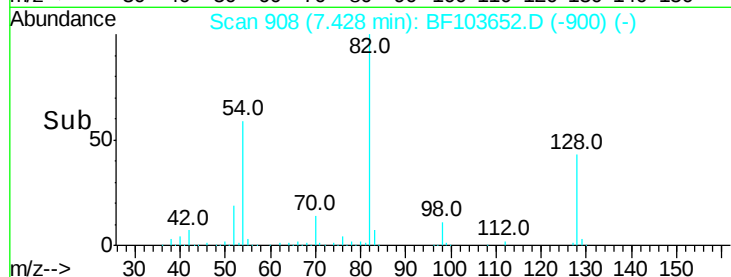
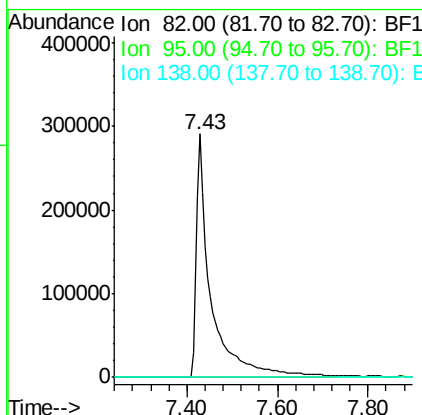
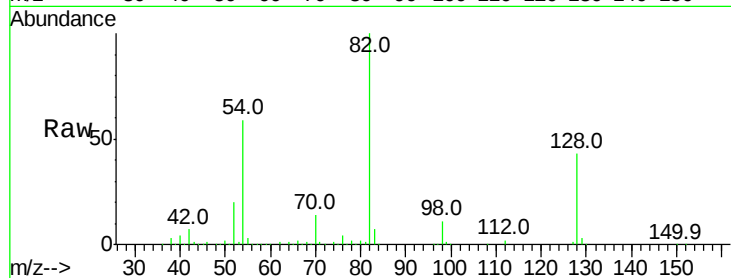




#25
Isophorone
Concen: 37.374 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.25 min
Lab File: BF103652.D
Acq: 14 Mar 2018 20:26

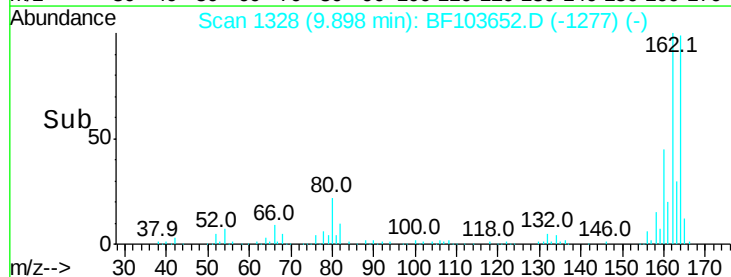
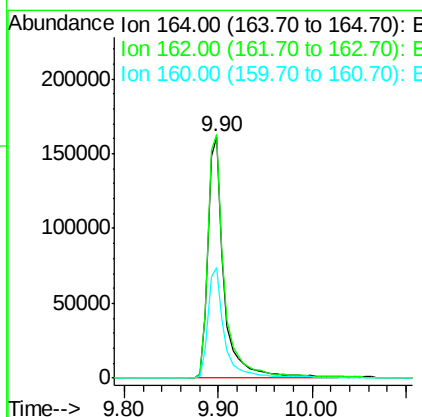
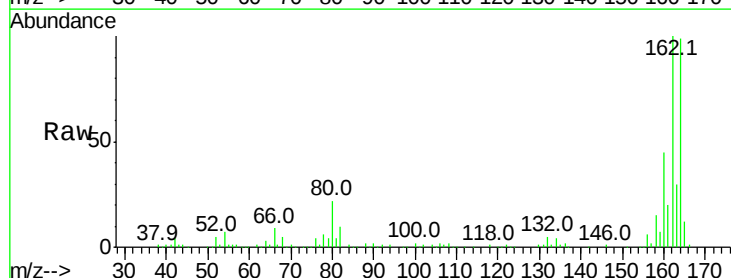
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 652272
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF103652.D
Acq: 14 Mar 2018 20:26

Tgt Ion:164 Resp: 196080
Ion Ratio Lower Upper
164 100
162 101.0 86.1 129.1
160 45.8 38.3 57.5

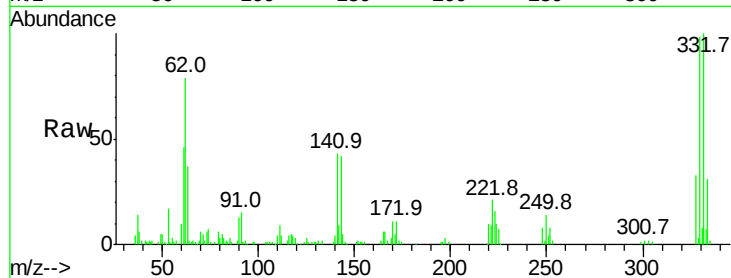




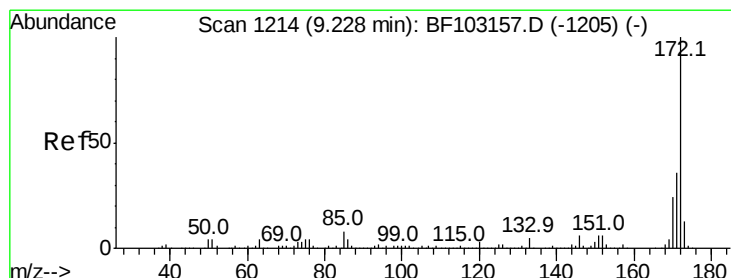
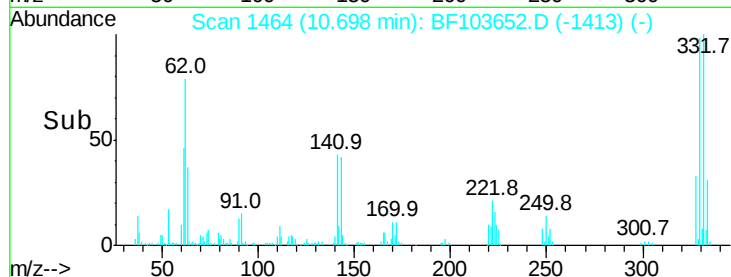
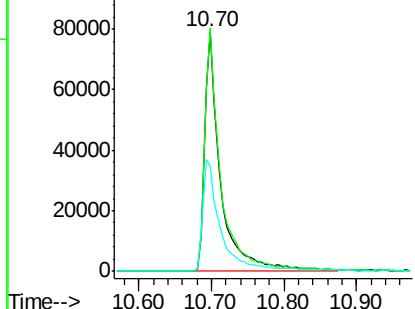
#41
 2,4,6-Tribromophenol
 Concen: 73.583 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF103652.D
 Acq: 14 Mar 2018 20:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 122127
 Ion Ratio Lower Upper
 330 100
 332 100.4 77.0 115.6
 141 51.6 29.9 44.9#

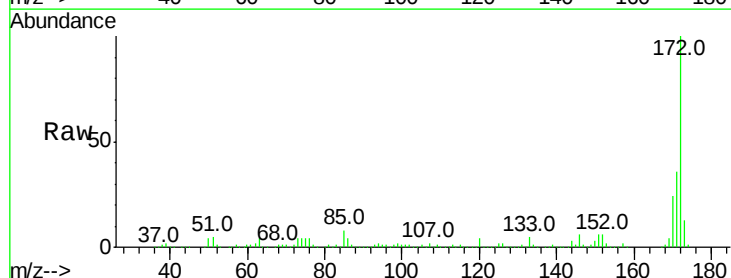


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

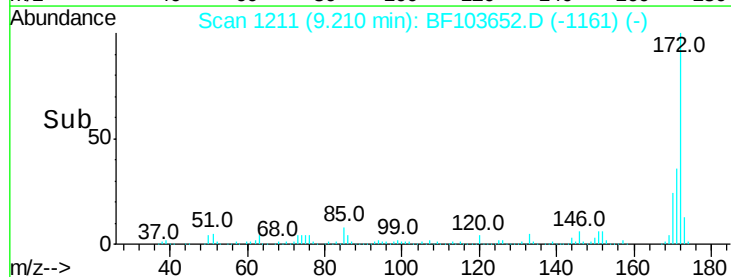
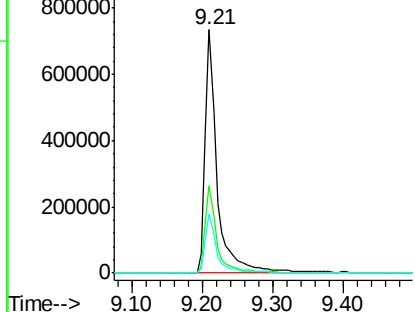


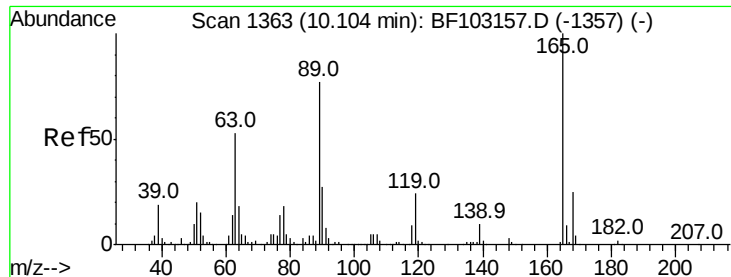
#44
 2-Fluorobiphenyl
 Concen: 75.484 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103652.D
 Acq: 14 Mar 2018 20:26

Tgt Ion:172 Resp: 882592
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.4 19.6 29.4



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

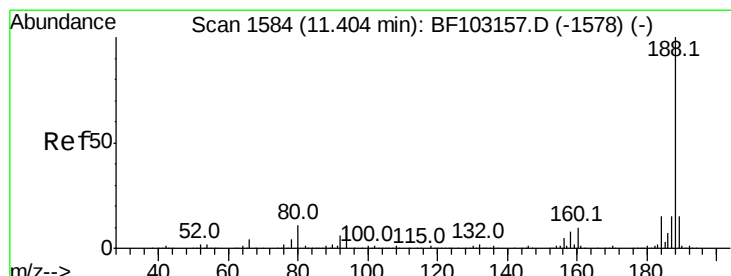
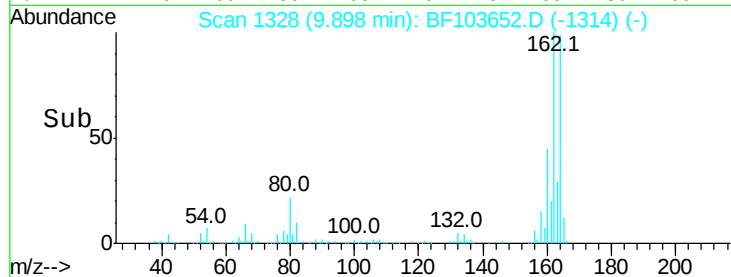
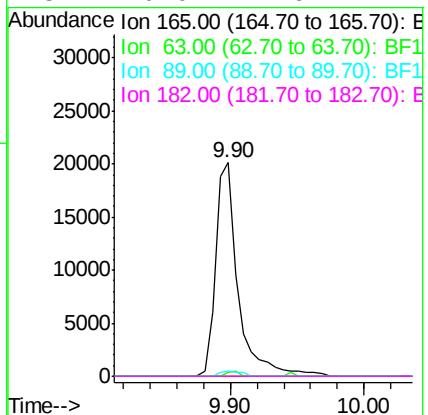
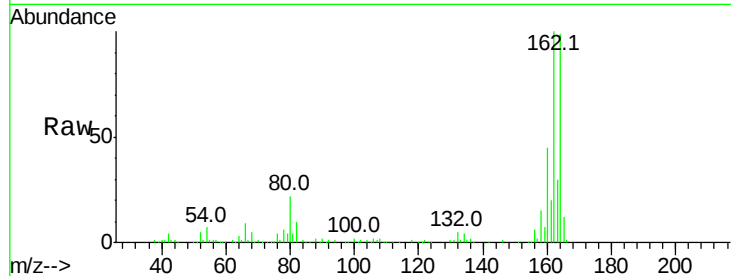




#56
 2,4-Dinitrotoluene
 Concen: 5.731 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.22 min
 Lab File: BF103652.D
 Acq: 14 Mar 2018 20:26

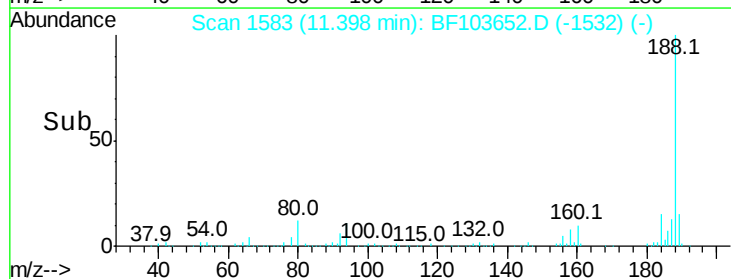
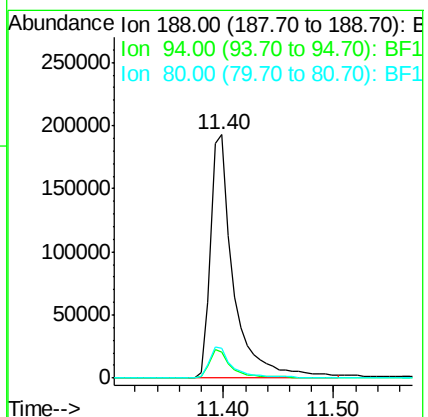
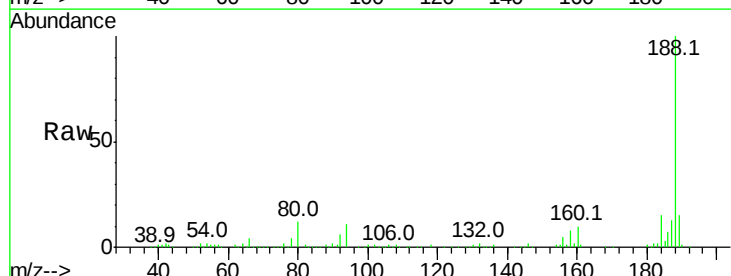
Instrument :
 BNA_F
 ClientSampleId :

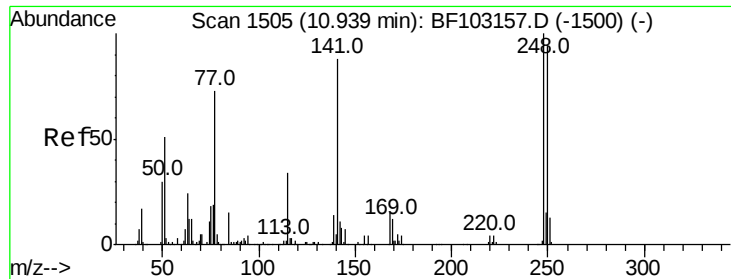
Tot Ion:	165	Resp:	23927
Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	2.2	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF103652.D
 Acq: 14 Mar 2018 20:26

Tgt Ion:	188	Resp:	275468
Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	12.3	9.2	13.8

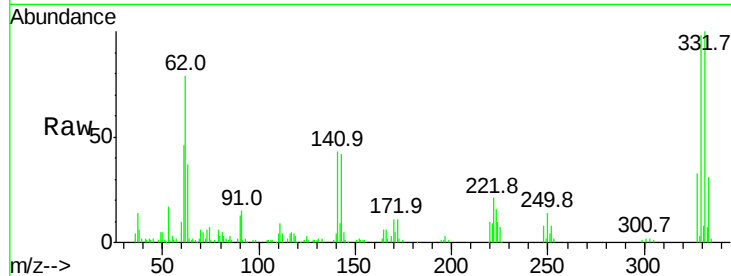




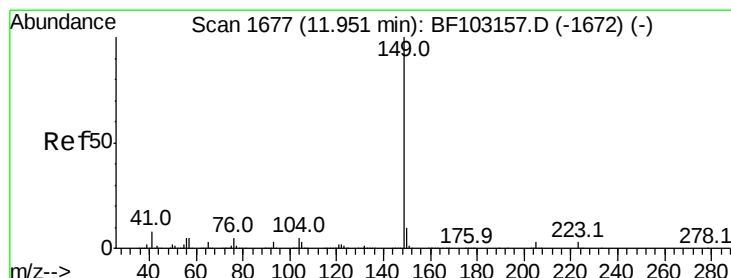
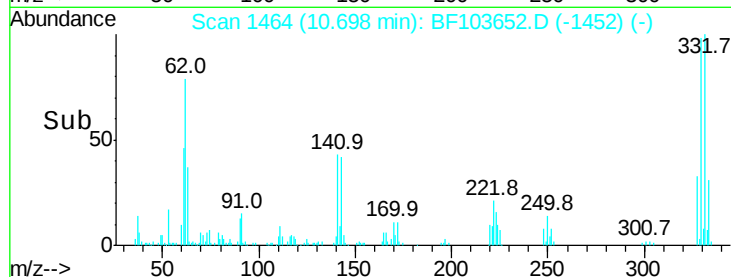
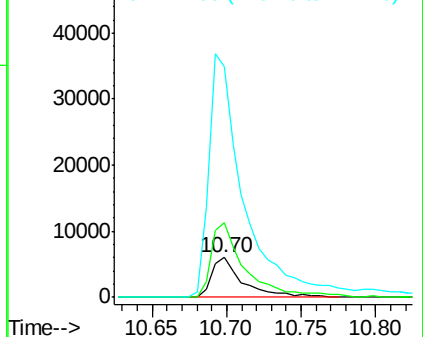
#66
4-Bromophenyl-phenylether
Concen: 3.037 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.23 min
Lab File: BF103652.D
Acq: 14 Mar 2018 20:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 8716
Ion Ratio Lower Upper
248 100
250 188.3 76.9 115.3#
141 578.5 74.4 111.6#

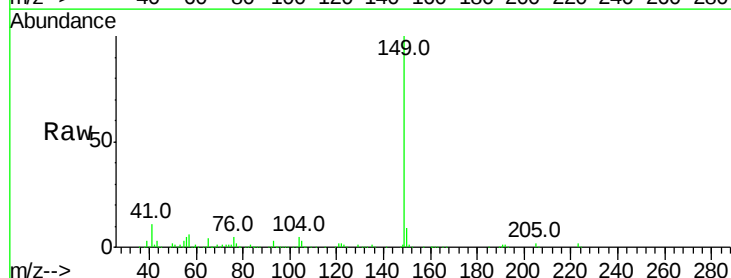


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

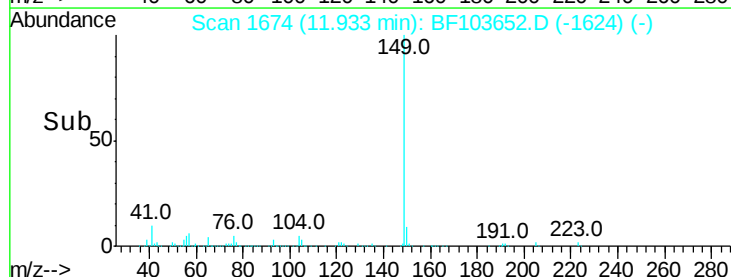
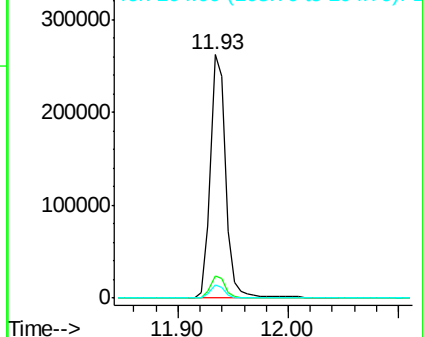


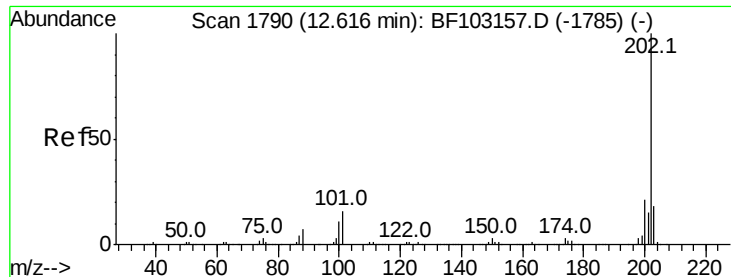
#73
Di-n-butylphthalate
Concen: 12.786 ng
RT: 11.93 min Scan# 1674
Delta R.T. -0.01 min
Lab File: BF103652.D
Acq: 14 Mar 2018 20:26

Tgt Ion:149 Resp: 247684
Ion Ratio Lower Upper
149 100
150 9.1 7.8 11.6
104 5.4 3.8 5.8



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: 3.147 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF103652.D

Acq: 14 Mar 2018 20:26

Instrument :

BNA_F

ClientSampleId :

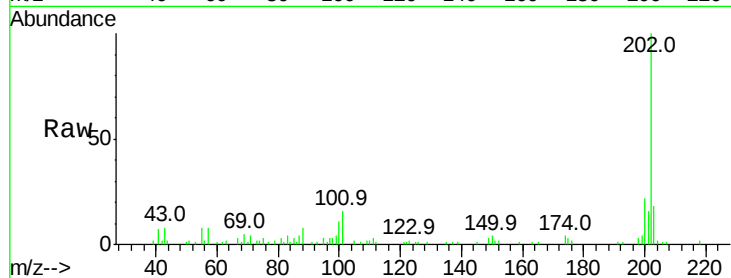
Tot Ion:202 Resp: 47940

Ion Ratio Lower Upper

202 100

101 16.1 0.0 34.1

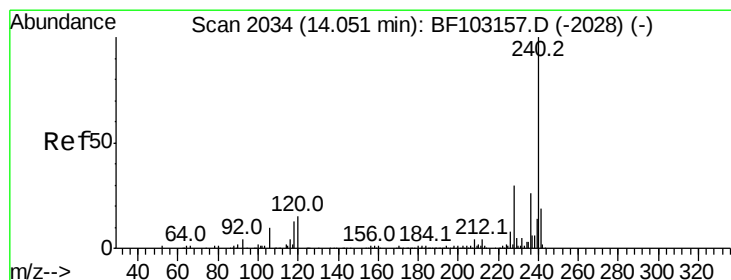
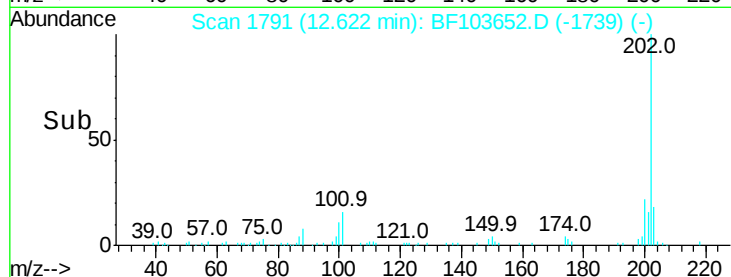
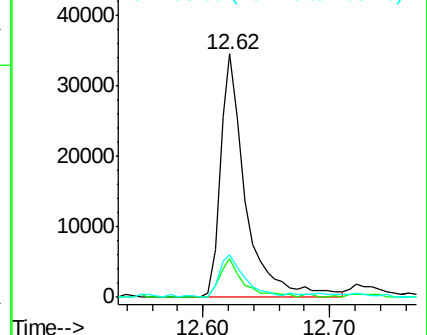
203 17.8 0.0 38.1



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: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103652.D

Acq: 14 Mar 2018 20:26

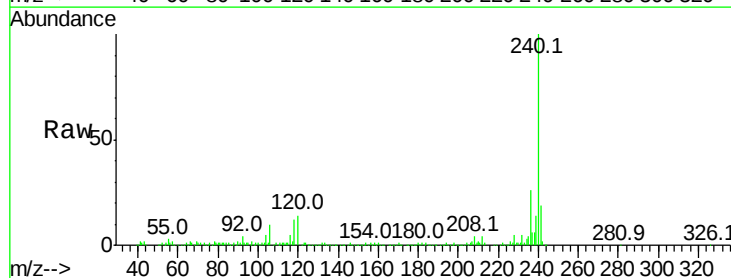
Tgt Ion:240 Resp: 219739

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

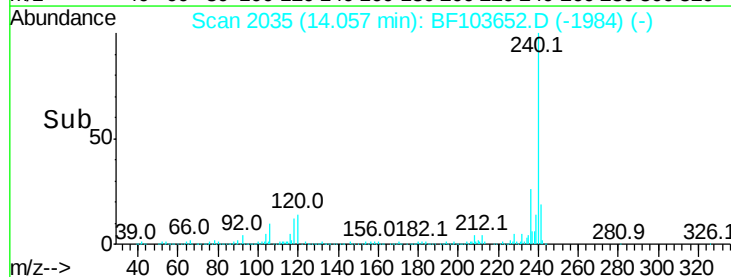
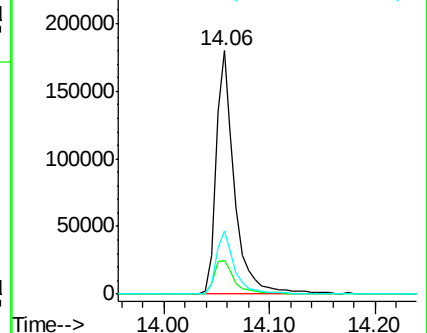
236 25.8 20.7 31.1

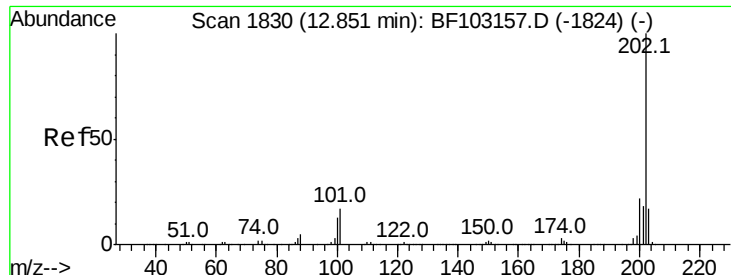


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

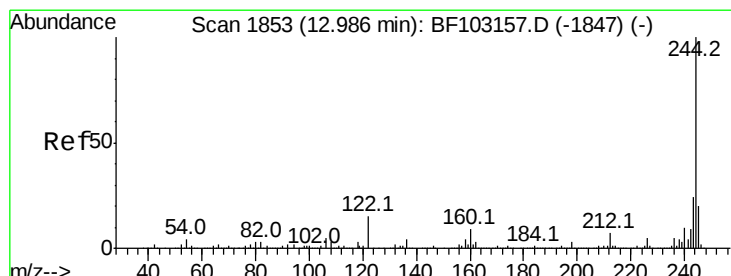
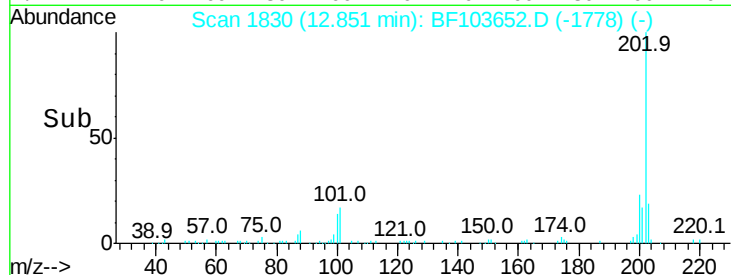
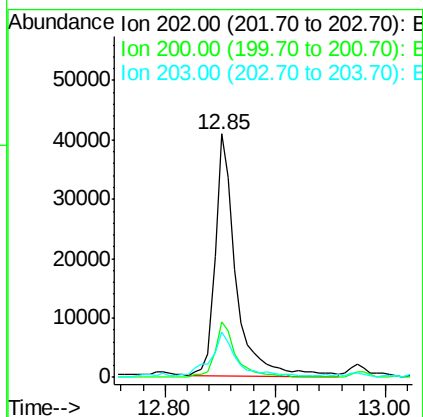
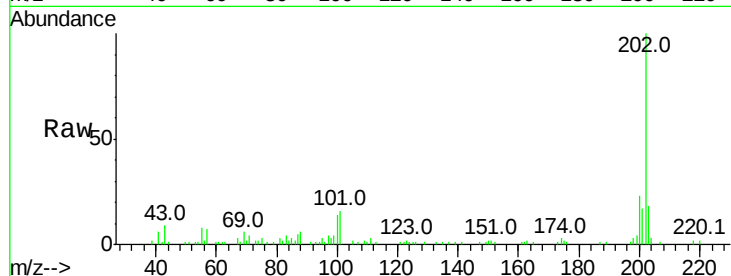




#77
Pvrene
Concen: 3.073 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BF103652.D
Acq: 14 Mar 2018 20:26

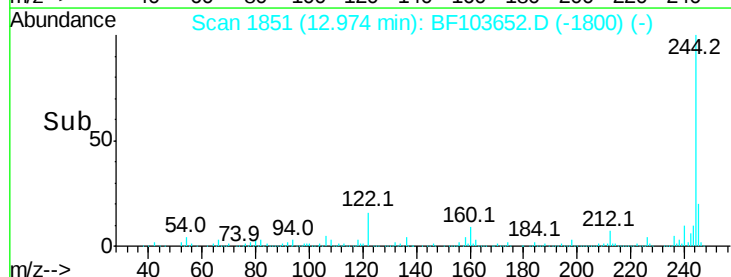
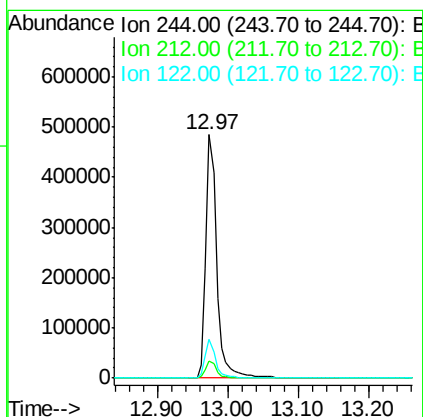
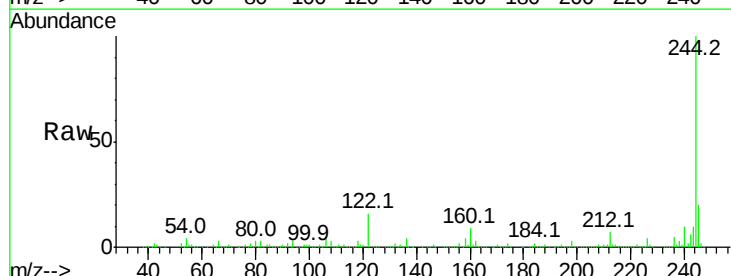
Instrument :
BNA_F
ClientSampled :

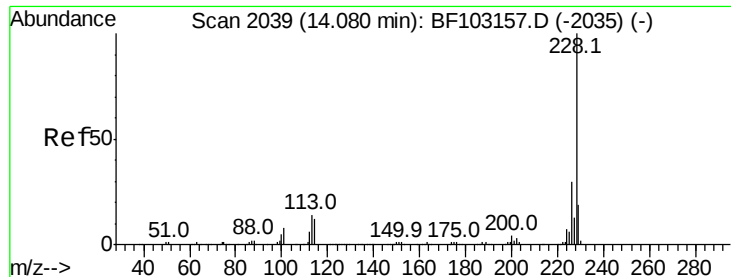
Tot Ion:202 Resp: 52639
Ion Ratio Lower Upper
202 100
200 22.7 17.4 26.2
203 18.4 14.3 21.5



#78
Terphenyl-d14
Concen: 57.557 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.00 min
Lab File: BF103652.D
Acq: 14 Mar 2018 20:26

Tgt Ion:244 Resp: 526131
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 15.9 11.0 16.4

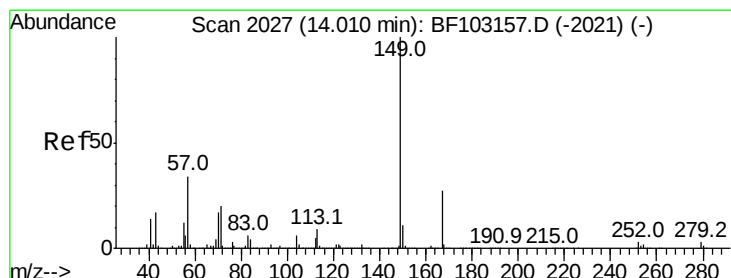
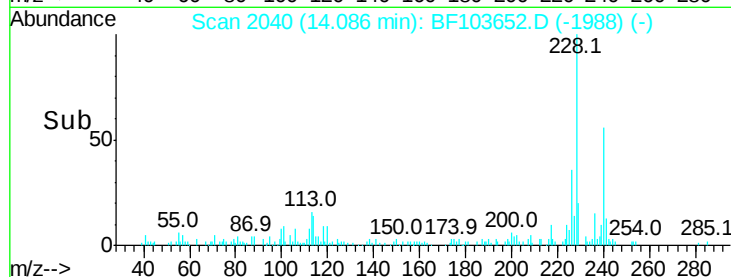
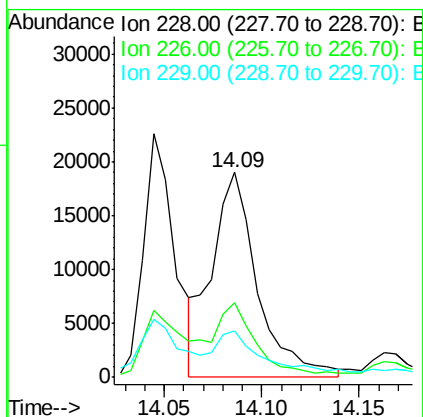
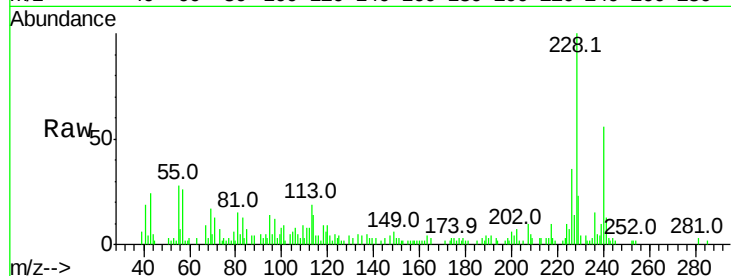




#82
 Chrysene
 Concen: 2.241 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF103652.D
 Acq: 14 Mar 2018 20:26

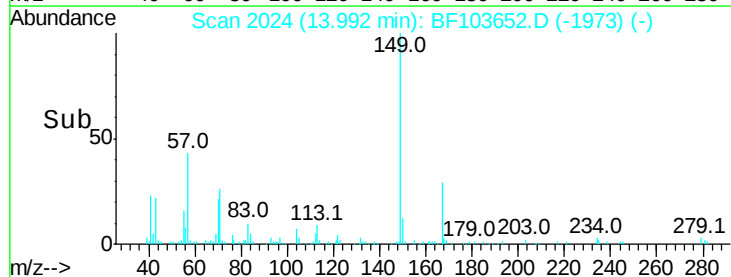
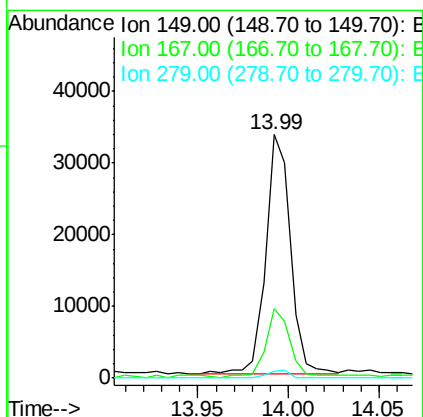
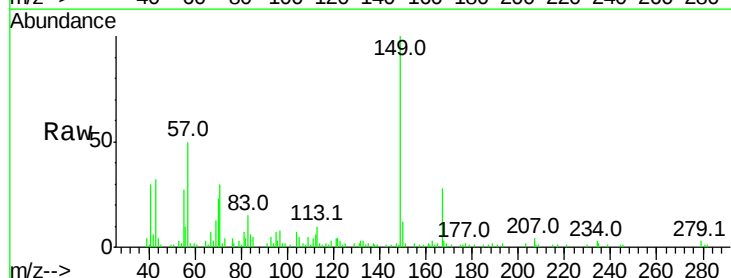
Instrument :
 BNA_F
 ClientSampleId :

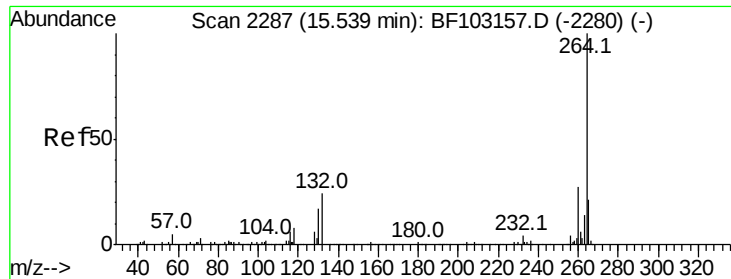
Tot Ion:228 Resp: 31024
 Ion Ratio Lower Upper
 228 100
 226 36.2 25.0 37.6
 229 22.5 16.2 24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.596 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF103652.D
 Acq: 14 Mar 2018 20:26

Tgt Ion:149 Resp: 31711
 Ion Ratio Lower Upper
 149 100
 167 28.4 21.3 31.9
 279 3.0 3.0 4.4

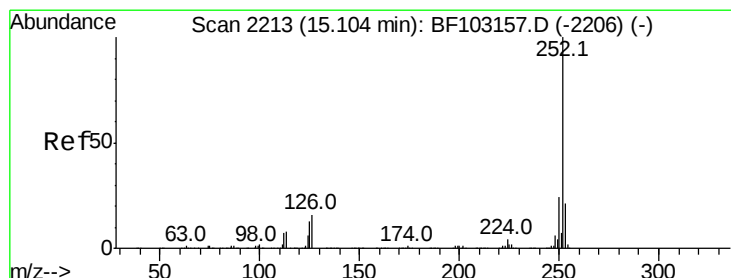
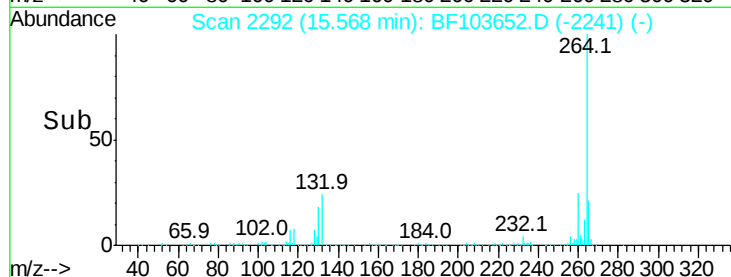
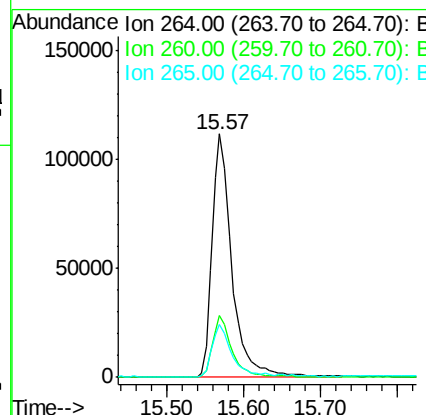
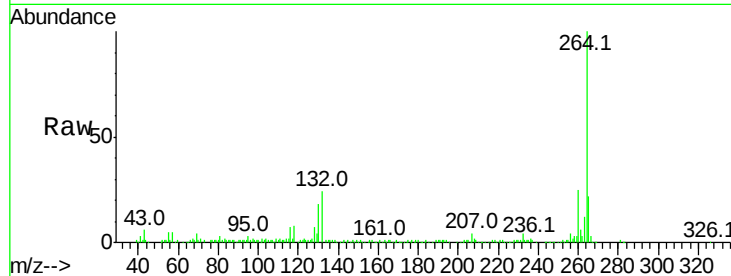




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF103652.D
Acq: 14 Mar 2018 20:26

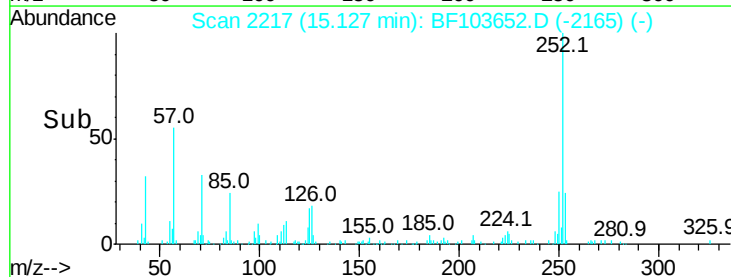
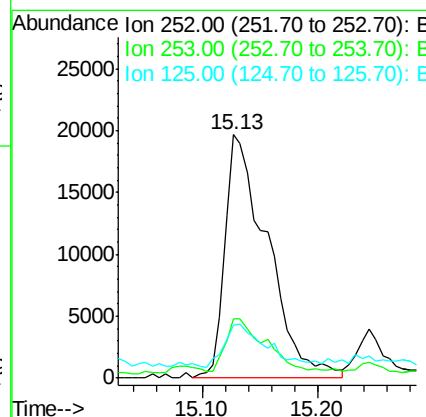
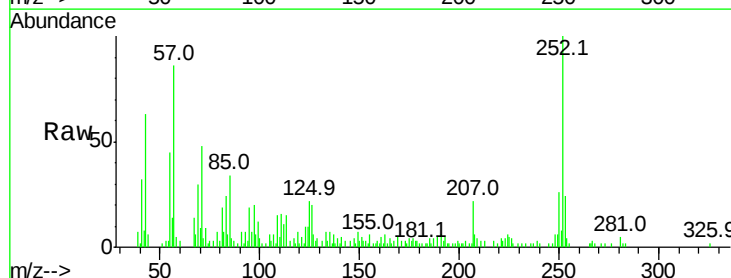
Instrument :
BNA_F
ClientSampleId :

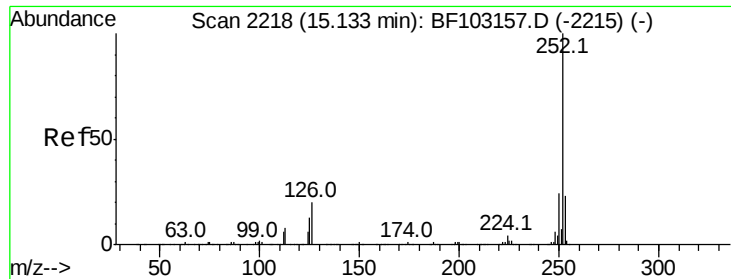
Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	21.6	17.5	26.3



#87
Benzo(b)fluoranthene
Concen: 3.848 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF103652.D
Acq: 14 Mar 2018 20:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.6
125	21.7	9.0	13.6#

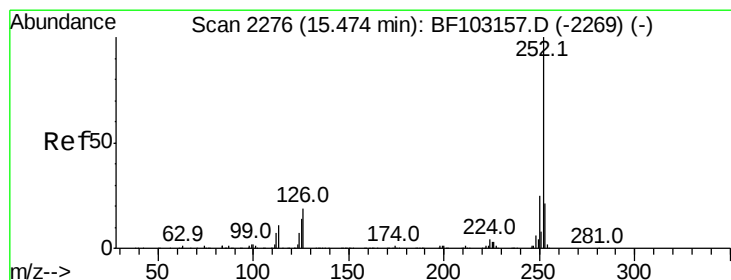
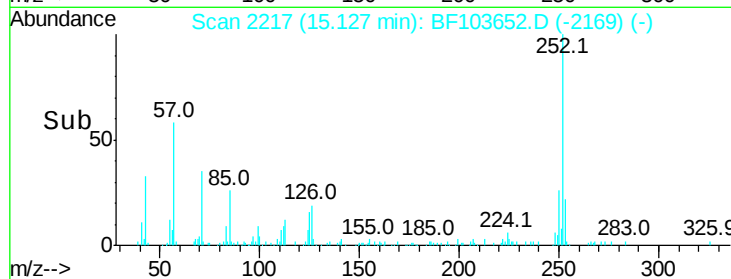
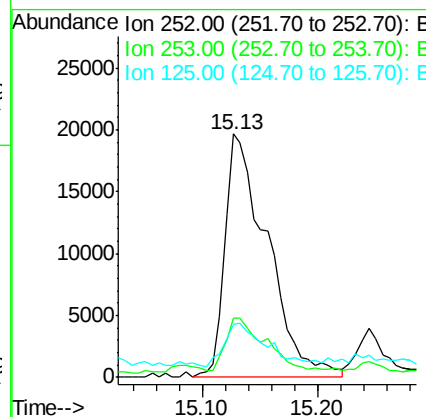
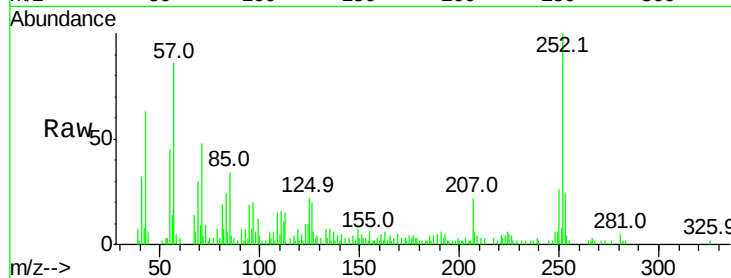




#88
Benzo(k)fluoranthene
Concen: 4.087 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BF103652.D
Acq: 14 Mar 2018 20:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 50174
Ion Ratio Lower Upper
252 100
253 24.2 17.9 26.9
125 21.7 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 2.161 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF103652.D
Acq: 14 Mar 2018 20:26

Tgt Ion:252 Resp: 25161
Ion Ratio Lower Upper
252 100
253 24.5 17.1 25.7
125 25.2 9.8 14.6#

