

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101049.D
 Acq On : 1 Dec 2017 7:16
 Operator : SJ/JU
 Sample : I6304-24DL 20X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 01 10:02:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 09:47:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	57365	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	220330	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	87304	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	135274	20.00	ng	0.00
75) Chrysene-d12	14.03	240	127006	20.00	ng	0.00
86) Perylene-d12	15.50	264	94288	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	17363	5.00	ng	0.00
7) Phenol-d6	6.47	99	22298	5.29	ng	-0.01
23) Nitrobenzene-d5	7.41	82	12111	3.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	3914	3.73	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	28261	4.43	ng	0.00
78) Terphenyl-d14	12.96	244	21863	3.77	ng	0.00

Target Compounds

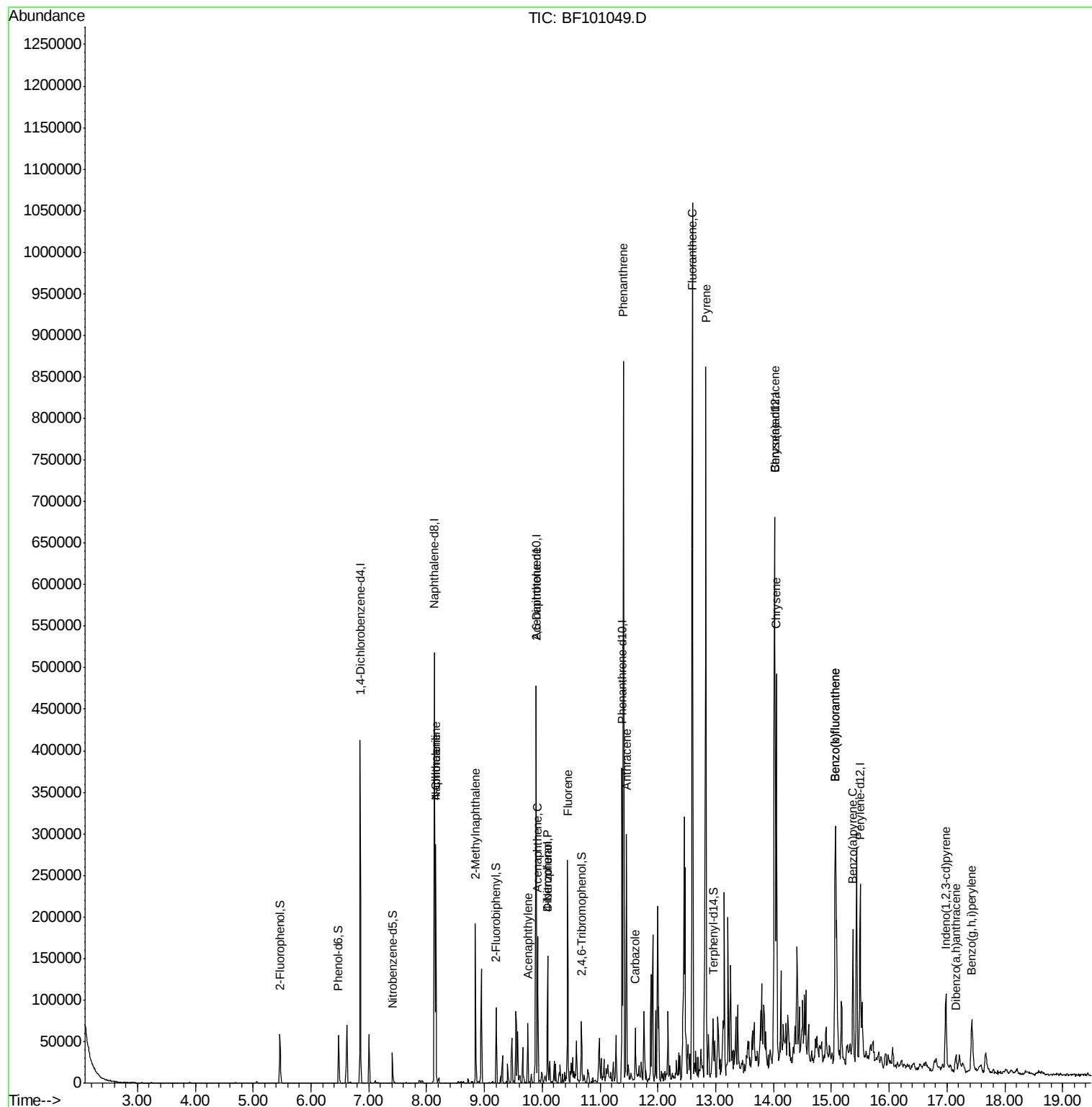
						Qvalue
31) Naphthalene	8.16	128	110005	10.130	ng	99
33) 4-Chloroaniline	8.16	127	13960	3.200	ng	# 33
37) 2-Methylnaphthalene	8.85	142	51079	6.923	ng	98
48) Acenaphthylene	9.75	152	23738	2.543	ng	99
50) 2,6-Dinitrotoluene	9.89	165	13040	8.793	ng	# 24
51) Acenaphthene	9.92	154	33712	6.031	ng	99
54) Dibenzofuran	10.09	168	53681	6.664	ng	# 95
55) 4-Nitrophenol	10.09	139	19098	16.981	ng	# 10
57) Fluorene	10.44	166	73800	11.270	ng	98
70) Phenanthrene	11.40	178	342798	46.016	ng	99
71) Anthracene	11.46	178	114540	15.192	ng	95
72) Carbazole	11.61	167	20871	3.030	ng	97
74) Fluoranthene	12.60	202	388430	47.039	ng	96
77) Pyrene	12.83	202	363521	41.480	ng	99
80) Benzo(a)anthracene	14.02	228	218588	27.259	ng	99
82) Chrysene	14.05	228	163590	21.966	ng	96
85) Indeno(1,2,3-cd)pyrene	16.98	276	54689	8.260	ng	# 90
87) Benzo(b)fluoranthene	15.07	252	226758	40.151	ng	98
88) Benzo(k)fluoranthene	15.07	252	226758	40.753	ng	# 97
89) Benzo(a)pyrene	15.37	252	69388	13.514	ng	97
90) Dibenzo(a,h)anthracene	17.16	278	15295	3.379	ng	96
91) Benzo(g,h,i)perylene	17.43	276	53778	12.607	ng	90

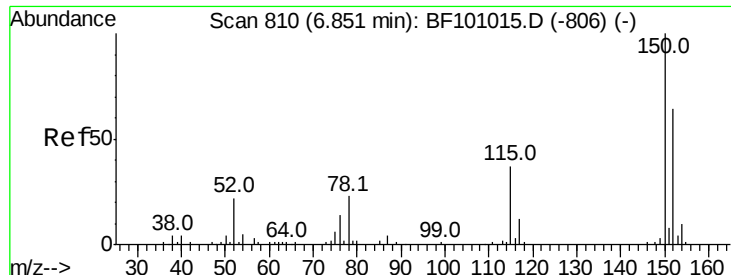
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101049.D
Acq On : 1 Dec 2017 7:16
Operator : SJ/JU
Sample : I6304-24DL 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 01 10:02:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 09:47:02 2017
Response via : Initial Calibration



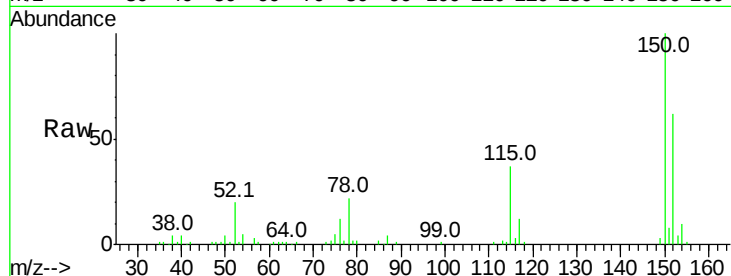


#1

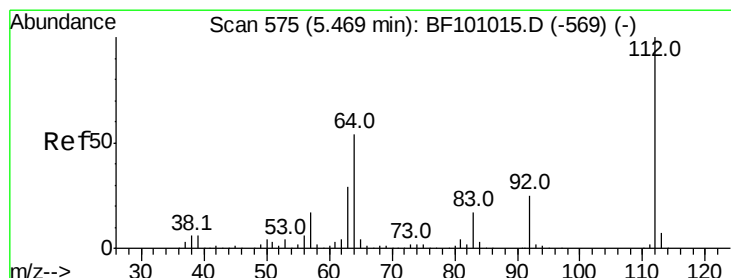
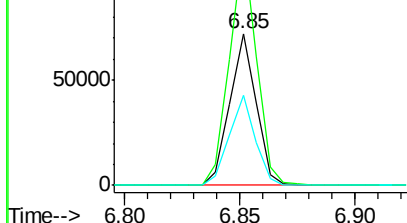
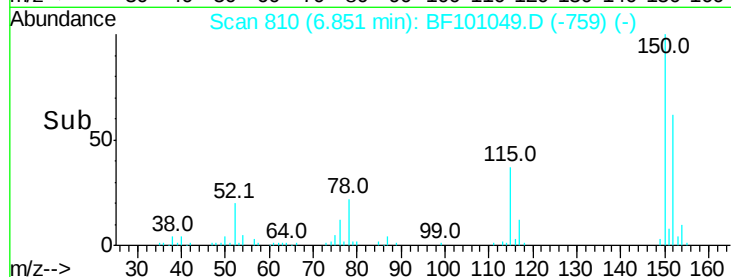
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF101049.D
Acq: 1 Dec 2017 7:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 57365
Ion Ratio Lower Upper
152 100
150 160.2 124.6 186.8
115 58.8 50.1 75.1



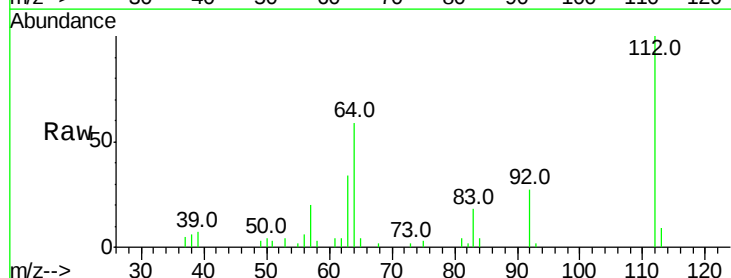
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



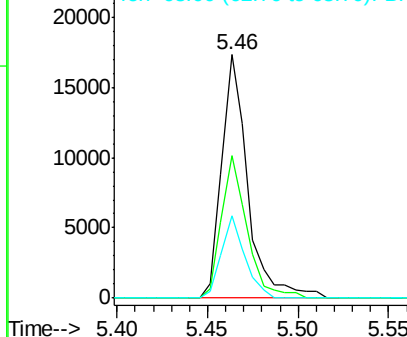
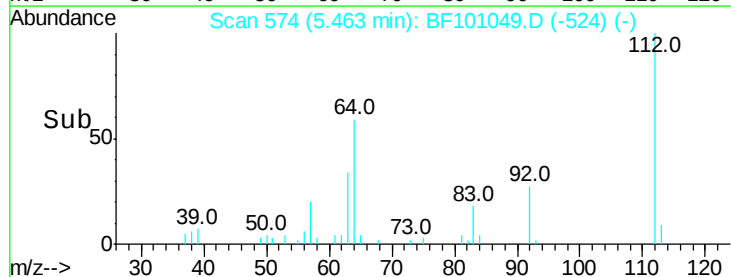
#5

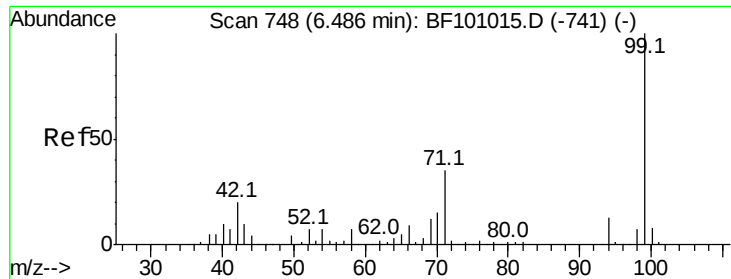
2-Fluorophenol
Concen: 5.002 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF101049.D
Acq: 1 Dec 2017 7:16

Tgt Ion:112 Resp: 17363
Ion Ratio Lower Upper
112 100
64 58.5 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: 5.290 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF101049.D

Acq: 1 Dec 2017 7:16

Instrument :

BNA_F

ClientSampled :

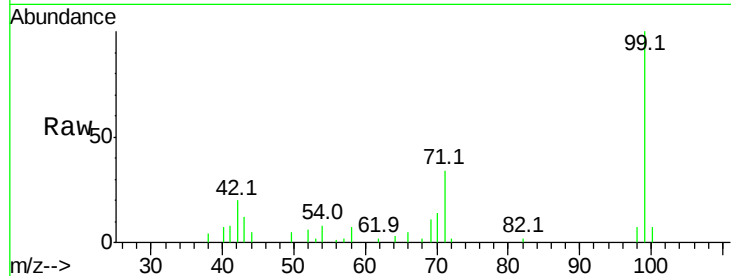
Tot Ion: 99 Resp: 22298

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

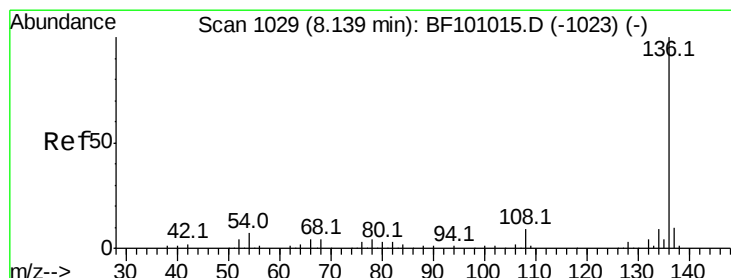
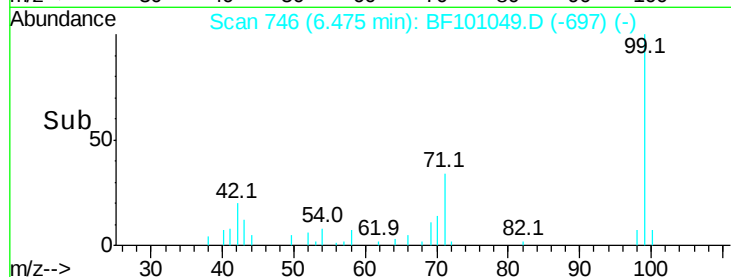
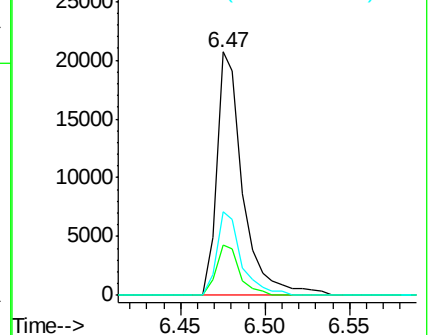
71 34.2 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF101049.D

Acq: 1 Dec 2017 7:16

Tgt Ion: 136 Resp: 220330

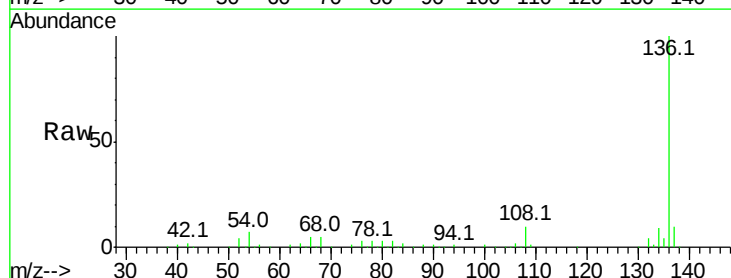
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.4 6.6 9.8

68 4.8 5.0 7.4#

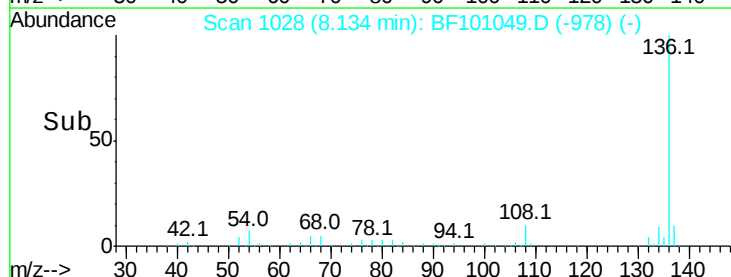
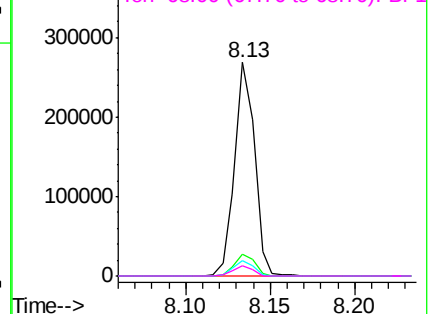


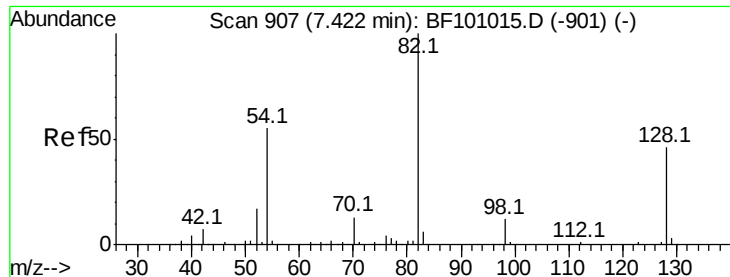
Abundance Ion 136.00 (135.70 to 136.70): E

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

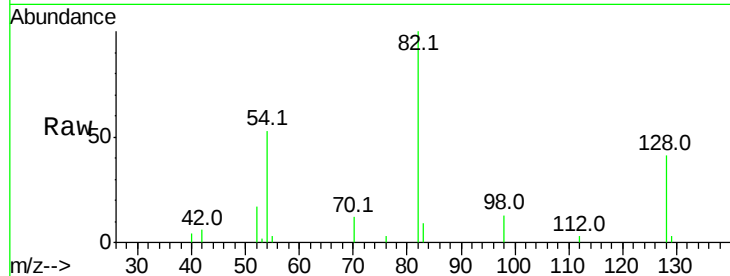




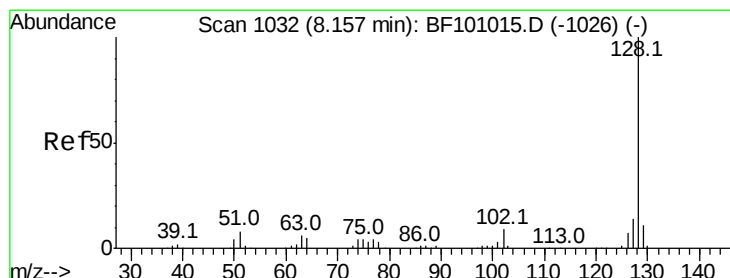
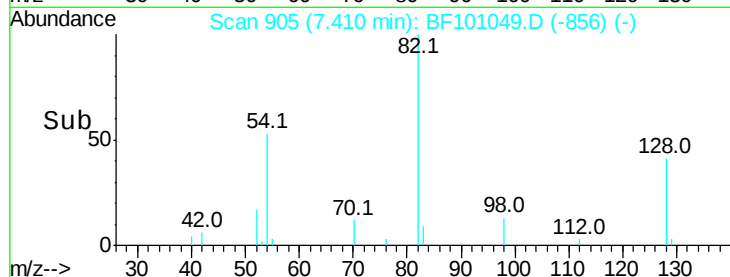
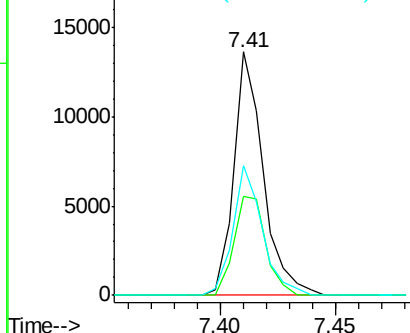
#23
 Nitrobenzene-d5
 Concen: 3.279 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF101049.D
 Acq: 1 Dec 2017 7:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 12111
 Ion Ratio Lower Upper
 82 100
 128 40.8 36.1 54.1
 54 53.3 41.4 62.2

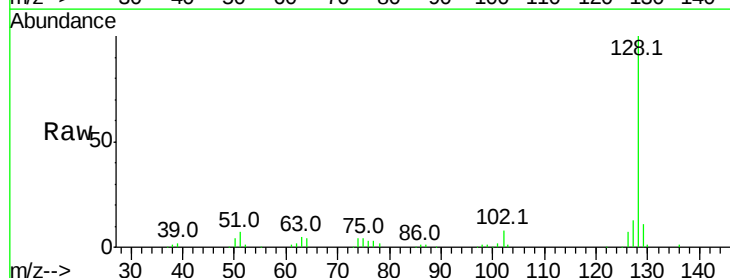


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

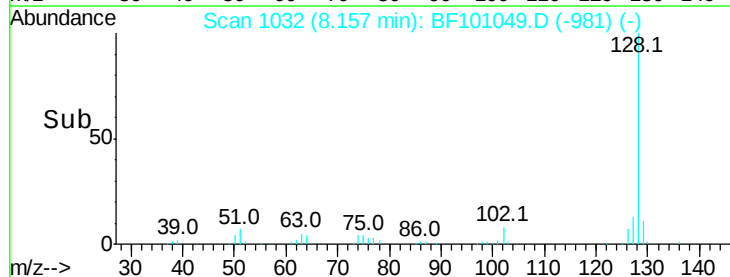
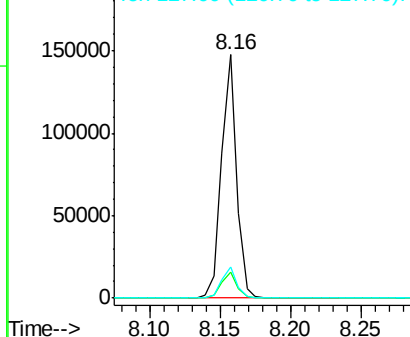


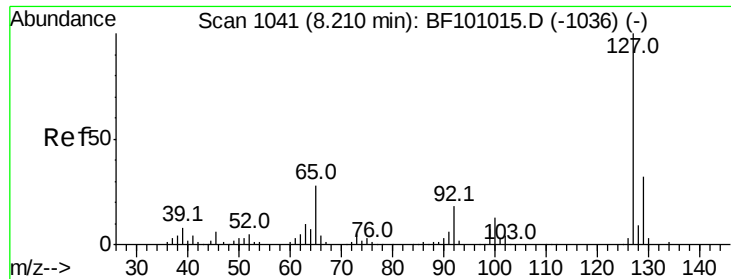
#31
 Naphthalene
 Concen: 10.130 ng
 RT: 8.16 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF101049.D
 Acq: 1 Dec 2017 7:16

Tgt Ion: 128 Resp: 110005
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.8 13.2
 127 13.0 10.9 16.3



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

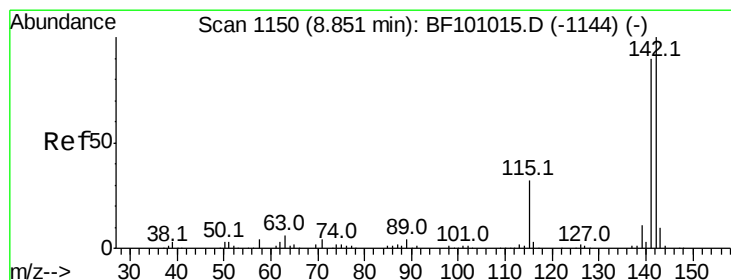
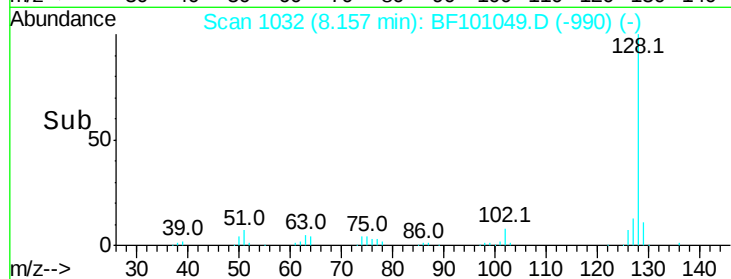
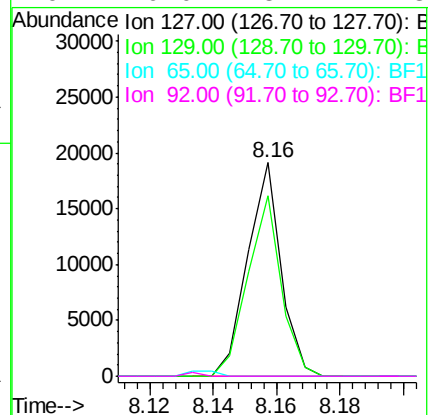
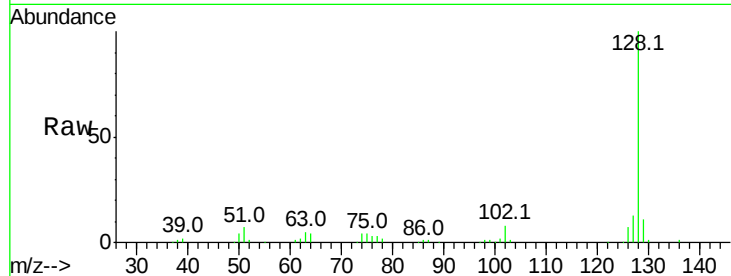




#33
4-Chloroaniline
Concen: 3.200 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF101049.D
Acq: 1 Dec 2017 7:16

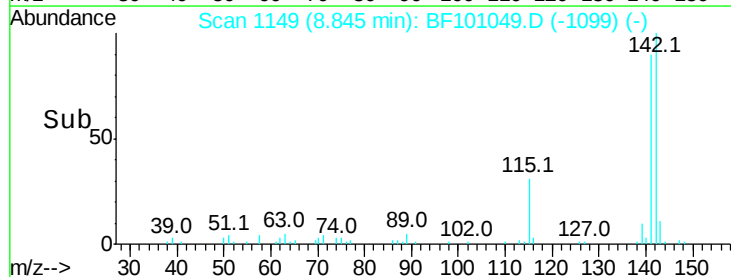
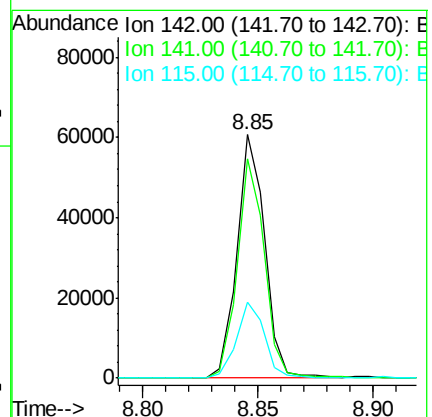
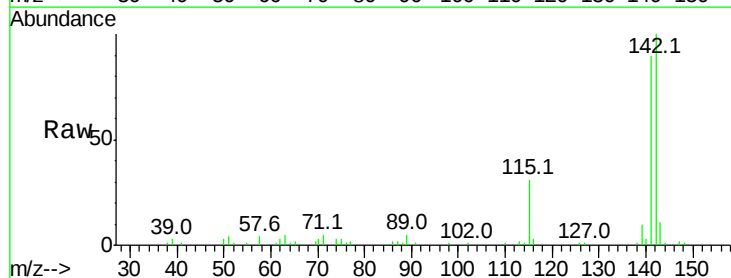
Instrument :
BNA_F
ClientSampleId :

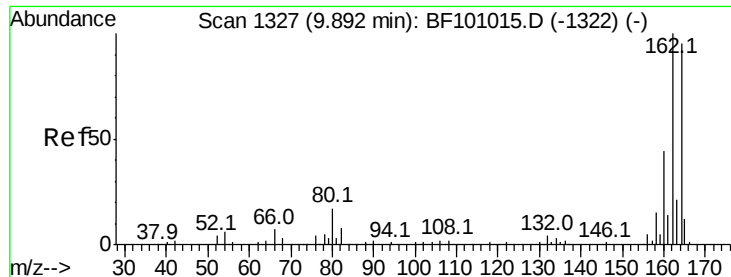
Tot Ion:	127	Resp:	13960
Ion	Ratio	Lower	Upper
127	100		
129	84.5	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#37
2-Methylnaphthalene
Concen: 6.923 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF101049.D
Acq: 1 Dec 2017 7:16

Tgt Ion:	142	Resp:	51079
Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.8	106.2
115	31.0	26.1	39.1

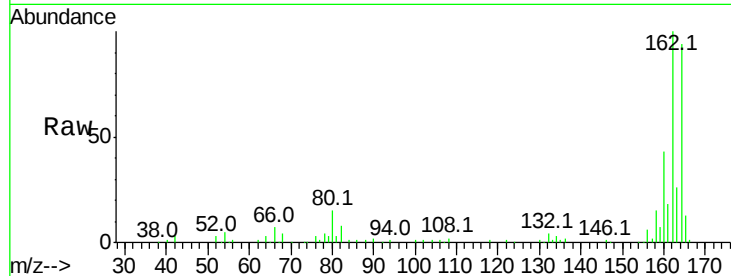




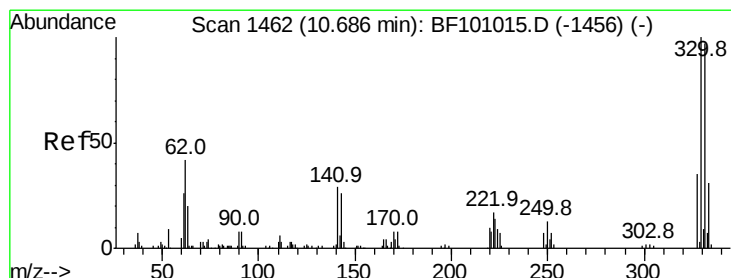
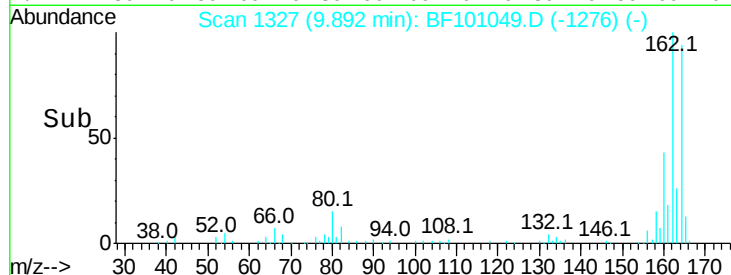
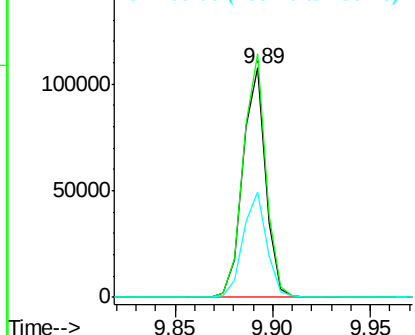
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: BF101049.D
 Acq: 1 Dec 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 87304
 Ion Ratio Lower Upper
 164 100
 162 106.1 86.1 129.1
 160 45.8 38.3 57.5

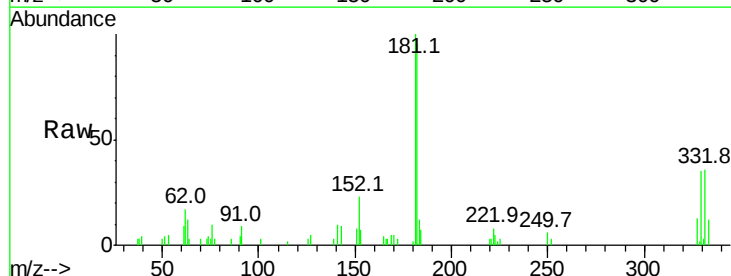


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

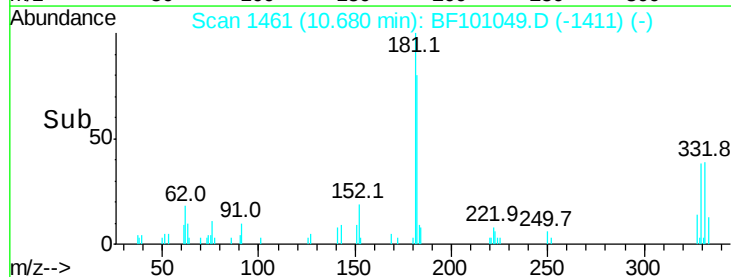
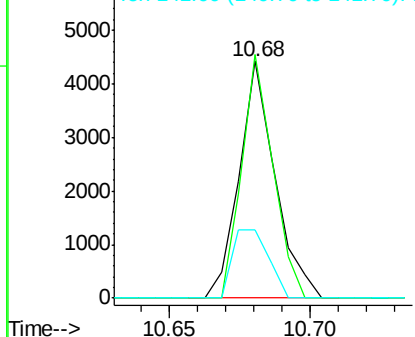


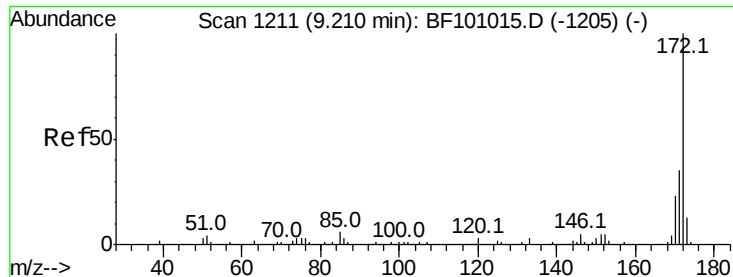
#41
 2,4,6-Tribromophenol
 Concen: 3.732 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF101049.D
 Acq: 1 Dec 2017 7:16

Tgt Ion:330 Resp: 3914
 Ion Ratio Lower Upper
 330 100
 332 88.9 77.0 115.6
 141 29.1 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

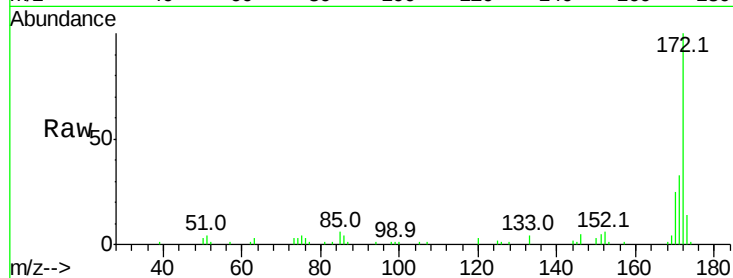




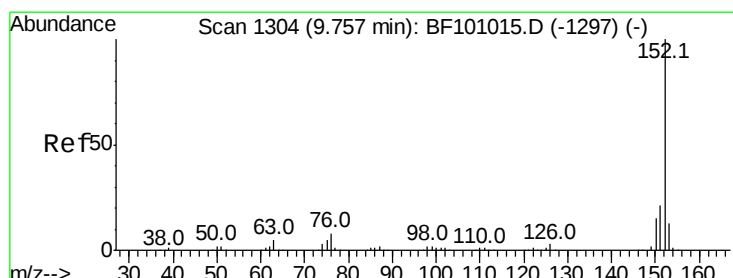
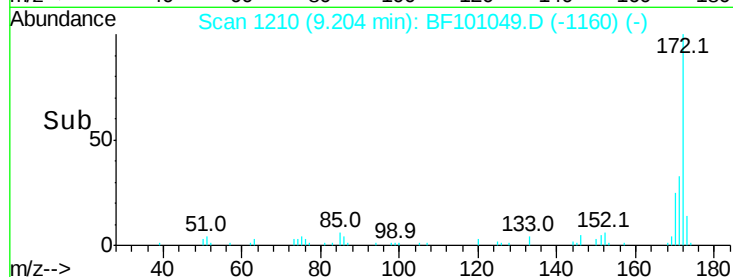
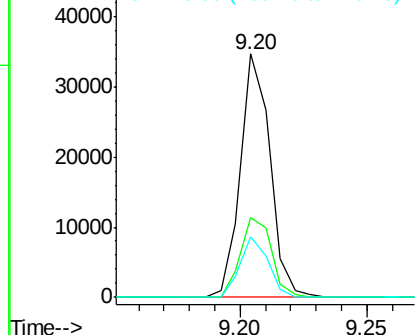
#44
 2-Fluorobiphenyl
 Concen: 4.429 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101049.D
 Acq: 1 Dec 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 28261
 Ion Ratio Lower Upper
 172 100
 171 32.7 29.7 44.5
 170 25.0 19.6 29.4

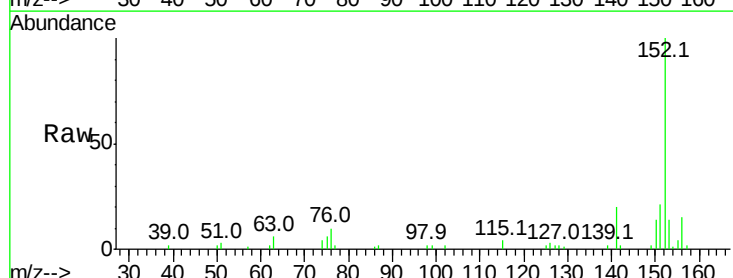


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

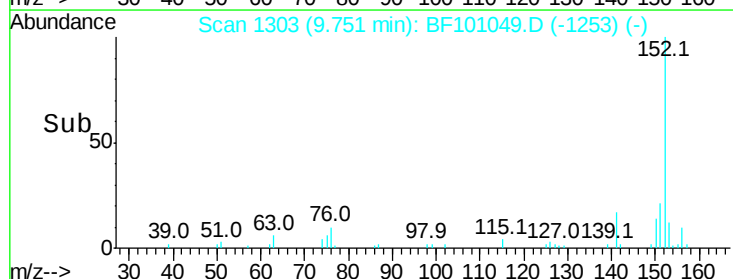
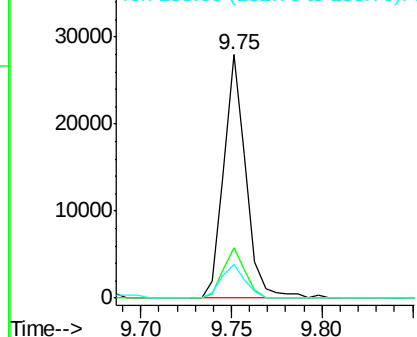


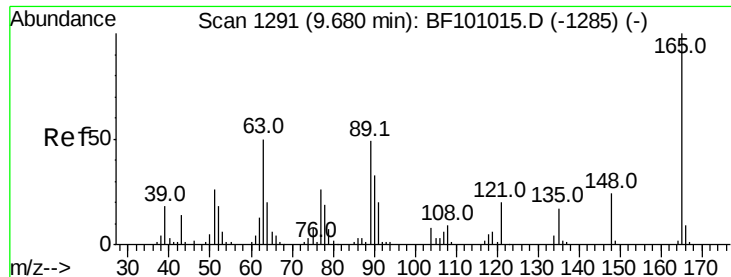
#48
 Acenaphthylene
 Concen: 2.543 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF101049.D
 Acq: 1 Dec 2017 7:16

Tgt Ion:152 Resp: 23738
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.3 24.5
 153 13.7 10.7 16.1



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

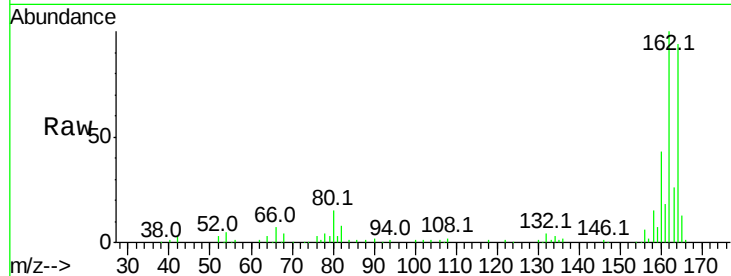




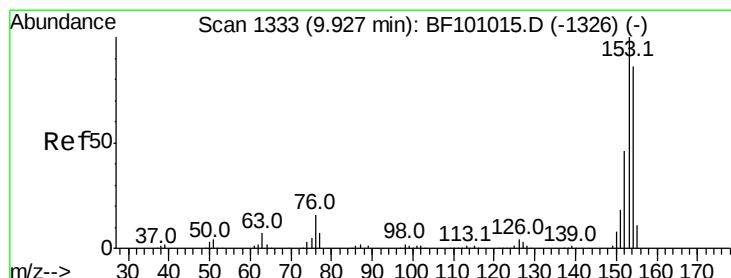
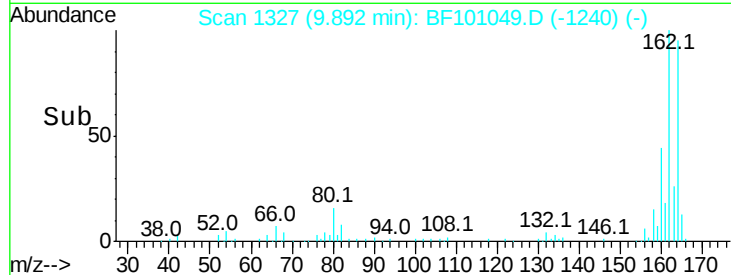
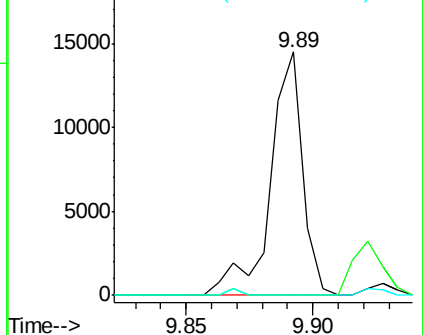
#50
 2,6-Dinitrotoluene
 Concen: 8.793 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF101049.D
 Acq: 1 Dec 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#

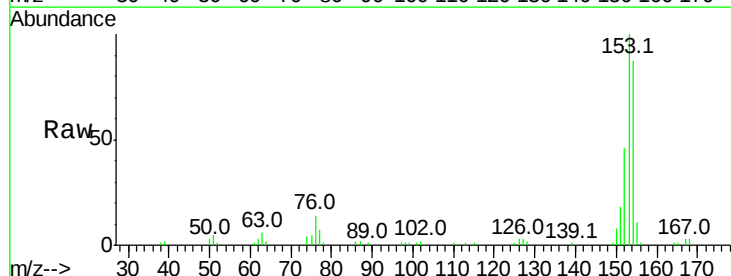


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

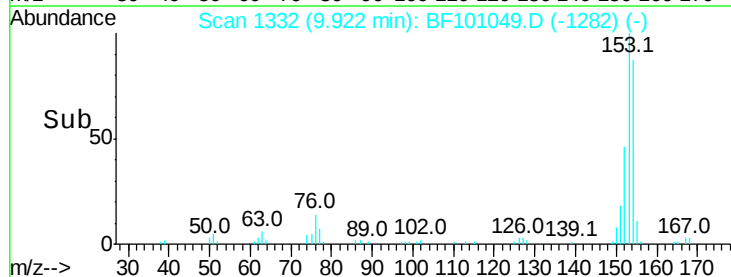
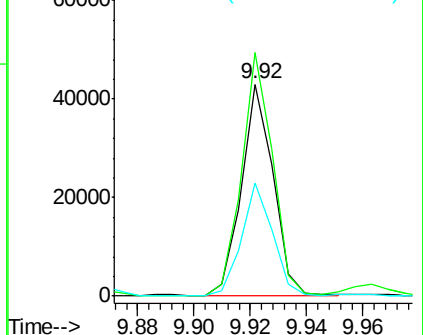


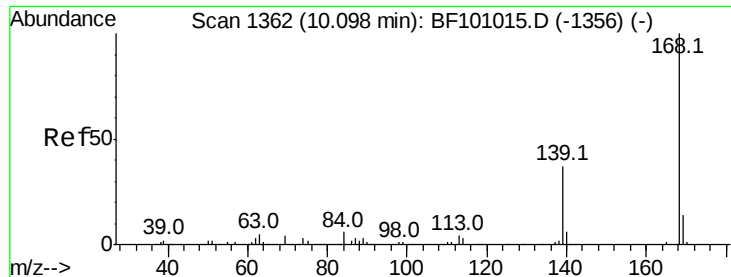
#51
 Acenaphthene
 Concen: 6.031 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF101049.D
 Acq: 1 Dec 2017 7:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.8	91.2	136.8
152	53.3	43.8	65.8



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

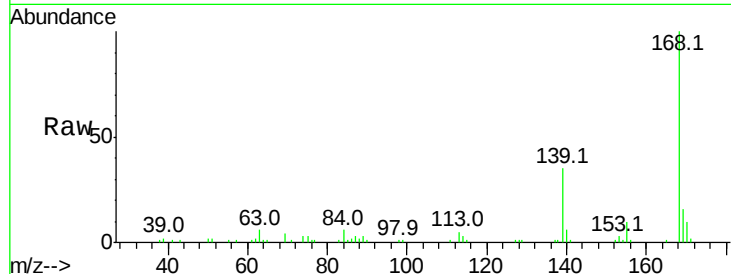




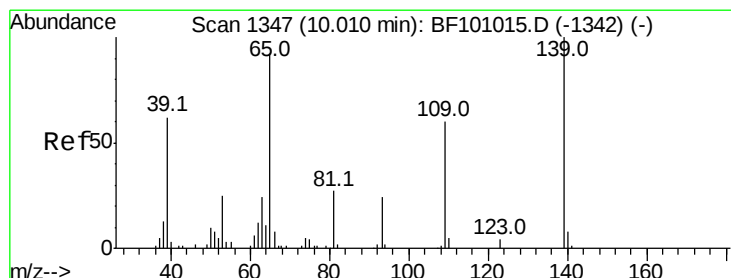
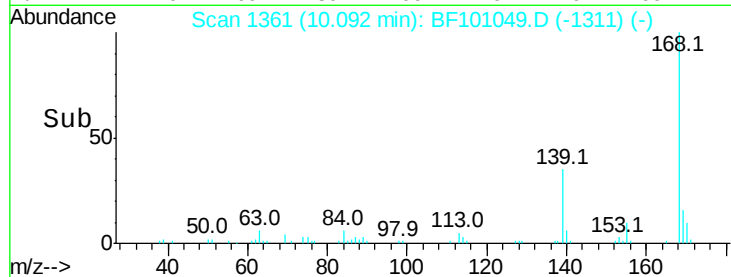
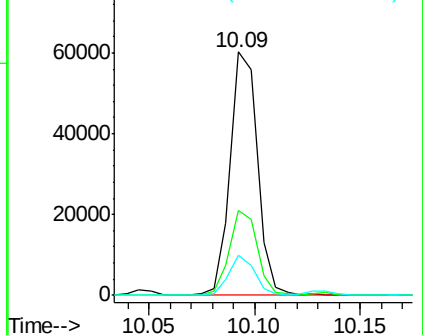
#54
Dibenzenofuran
Concen: 6.664 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF101049.D
Acq: 1 Dec 2017 7:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 53681
Ion Ratio Lower Upper
168 100
139 34.7 30.1 45.1
169 16.4 10.9 16.3#

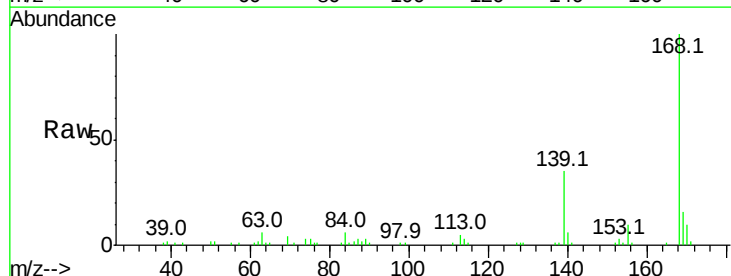


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

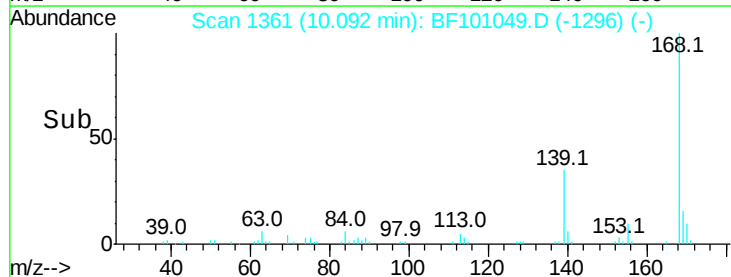
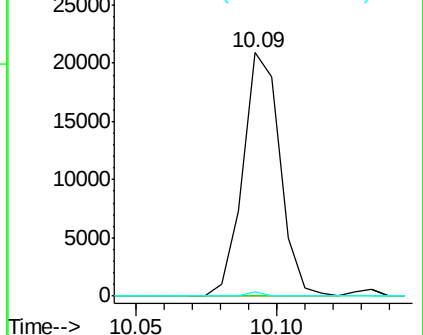


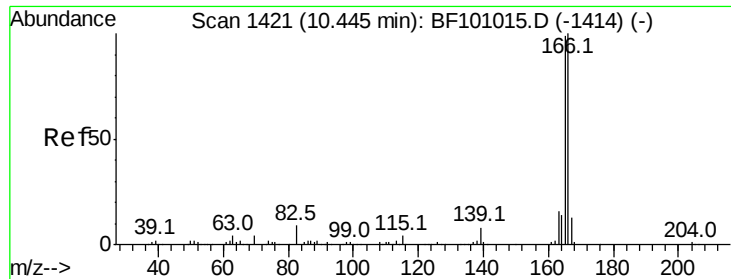
#55
4-Nitrophenol
Concen: 16.981 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.08 min
Lab File: BF101049.D
Acq: 1 Dec 2017 7:16

Tgt Ion:139 Resp: 19098
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 1.8 72.6 112.6#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

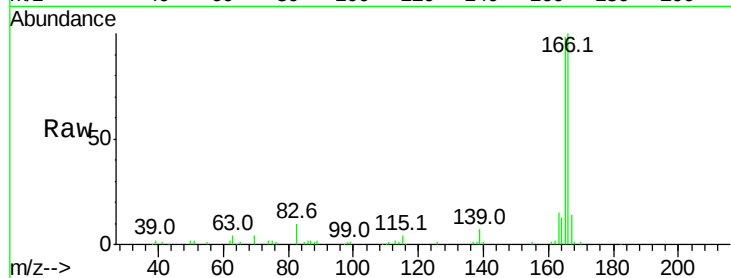




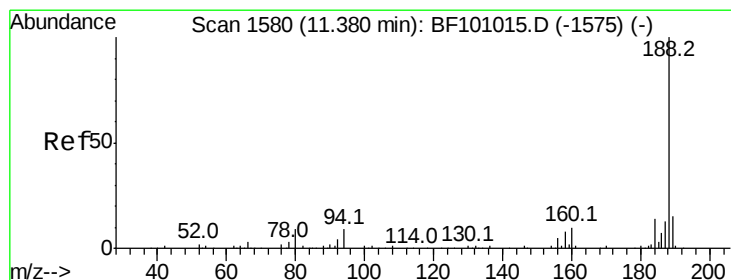
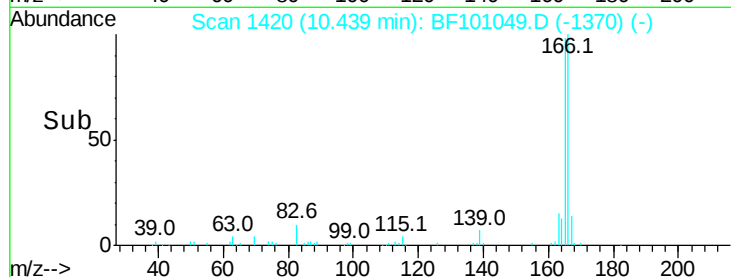
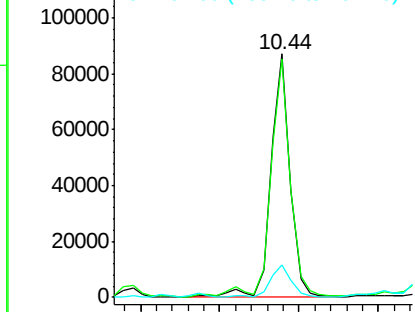
#57
Fluorene
 Concen: 11.270 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF101049.D
 Acq: 1 Dec 2017 7:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.8	119.8
167	13.6	10.6	16.0

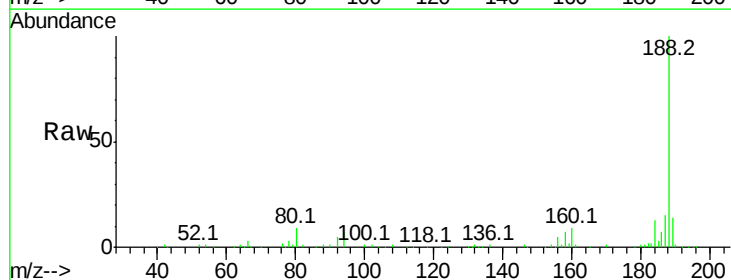


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

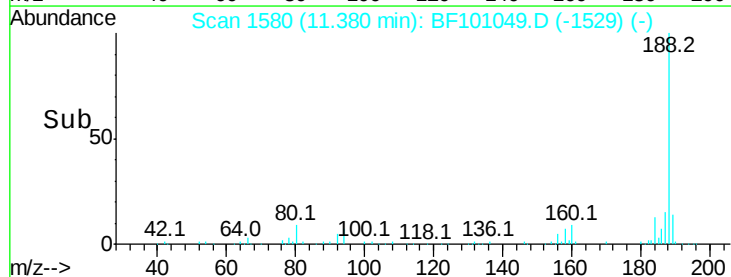
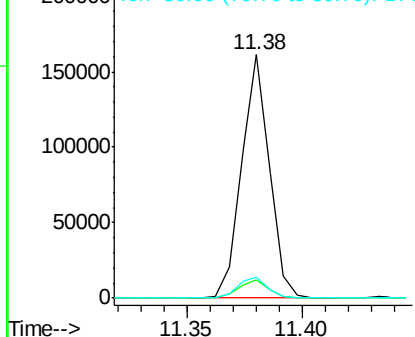


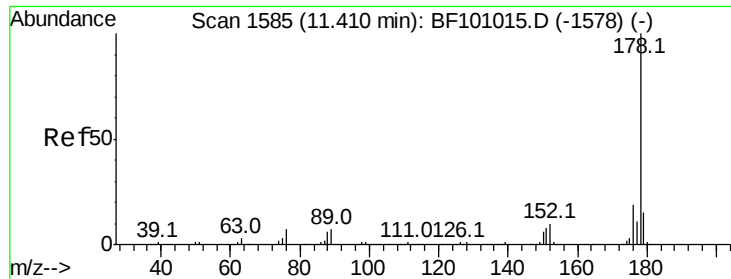
#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF101049.D
 Acq: 1 Dec 2017 7:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.5	12.7#
80	8.6	9.2	13.8#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

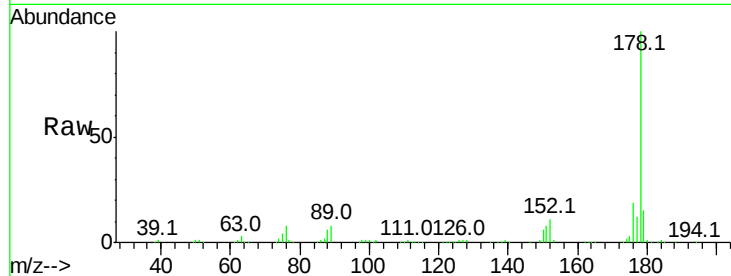




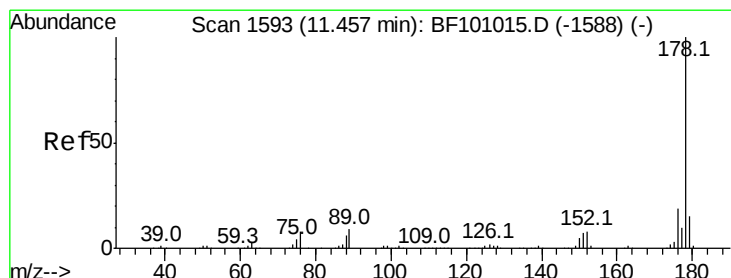
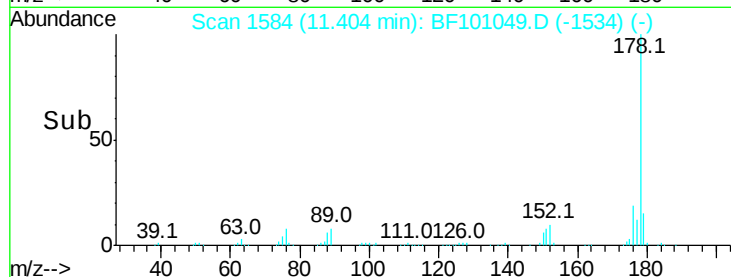
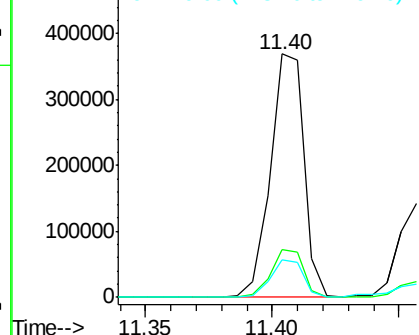
#70
Phenanthrene
Concen: 46.016 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF101049.D
Acq: 1 Dec 2017 7:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 342798
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.4 13.0 19.6

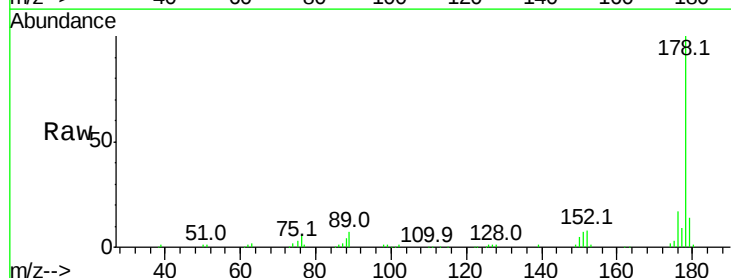


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

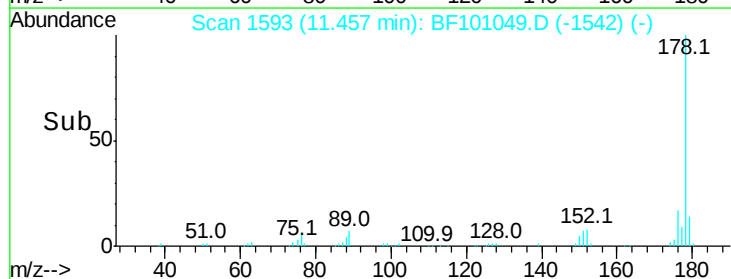
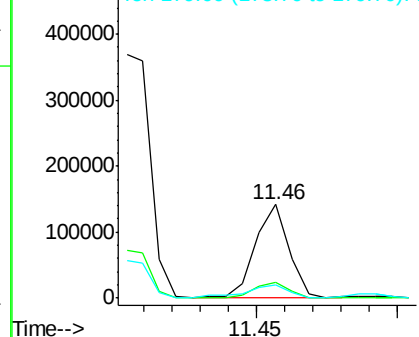


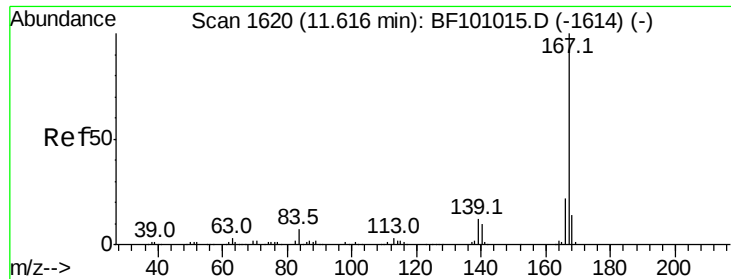
#71
Anthracene
Concen: 15.192 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.00 min
Lab File: BF101049.D
Acq: 1 Dec 2017 7:16

Tgt Ion:178 Resp: 114540
Ion Ratio Lower Upper
178 100
176 16.8 15.4 23.2
179 14.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.030 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF101049.D

Acq: 1 Dec 2017 7:16

Instrument :

BNA_F

ClientSampleId :

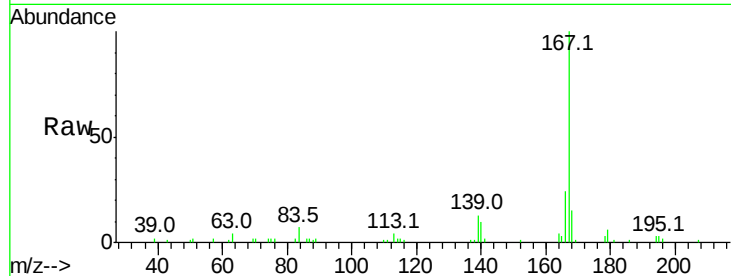
Tot Ion:167 Resp: 20871

Ion Ratio Lower Upper

167 100

166 23.7 17.6 26.4

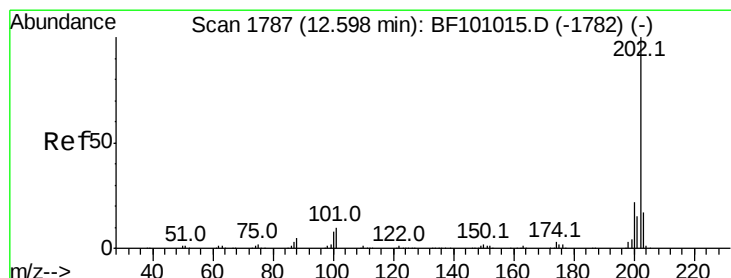
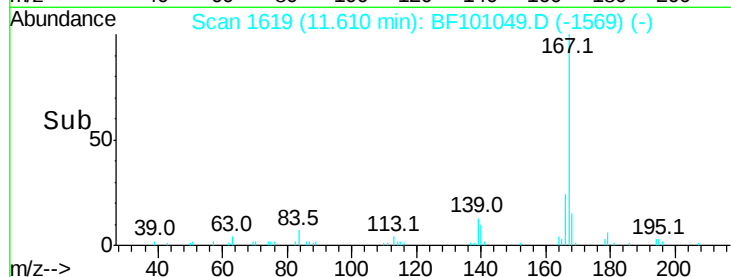
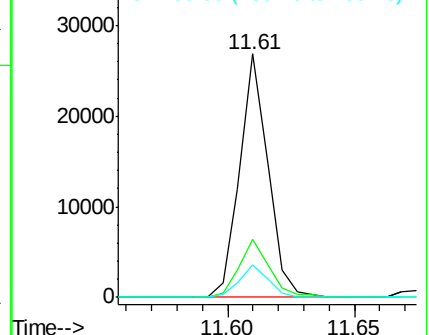
139 13.3 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 47.039 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF101049.D

Acq: 1 Dec 2017 7:16

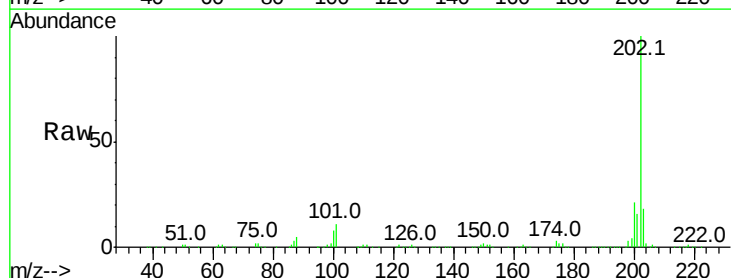
Tgt Ion:202 Resp: 388430

Ion Ratio Lower Upper

202 100

101 10.8 0.0 34.1

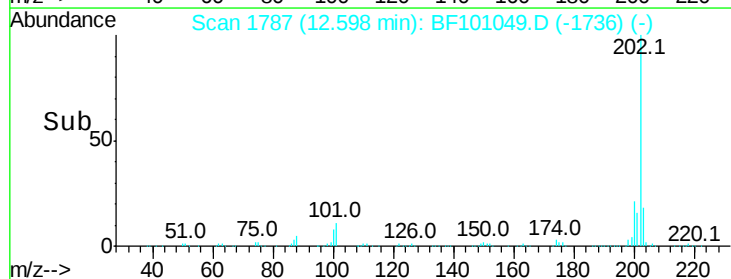
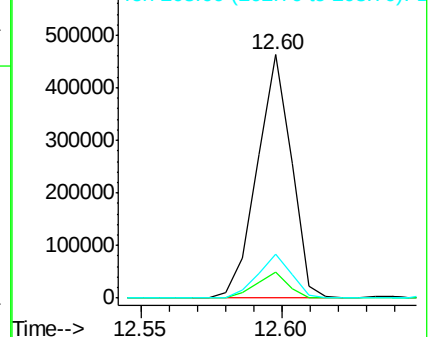
203 18.0 0.0 38.1

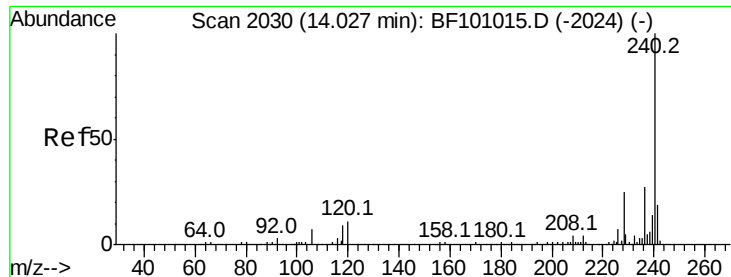


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

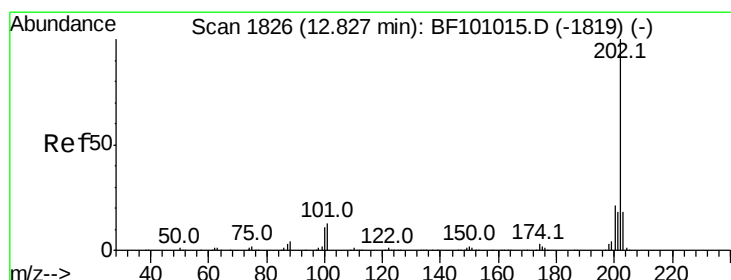
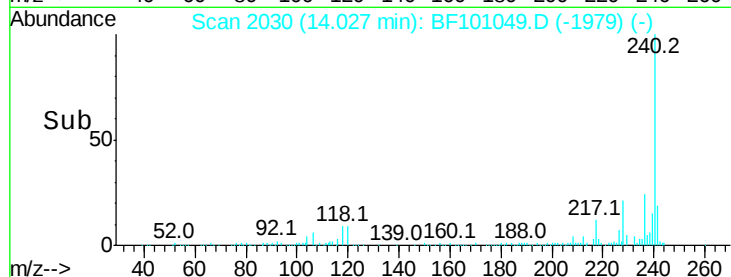
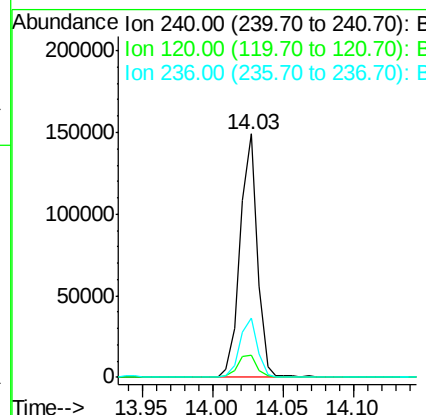
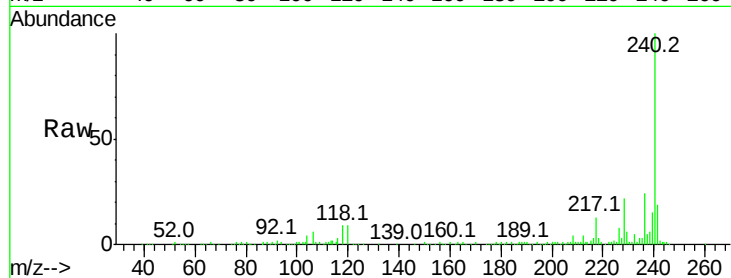




#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF101049.D
Acq: 1 Dec 2017 7:16

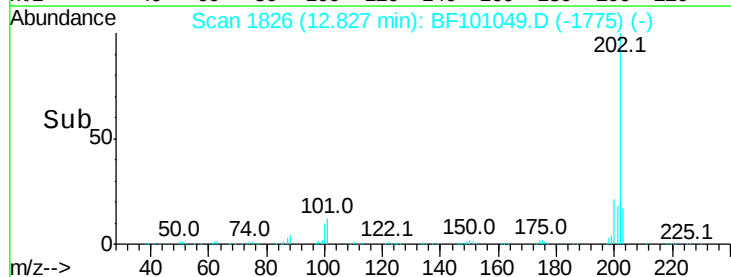
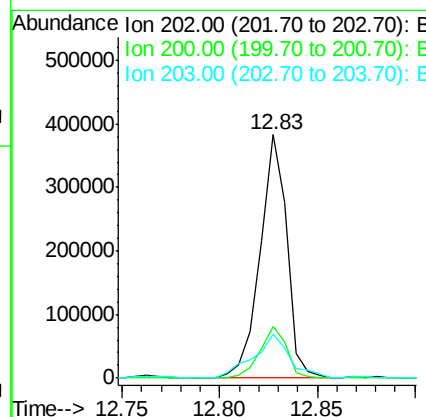
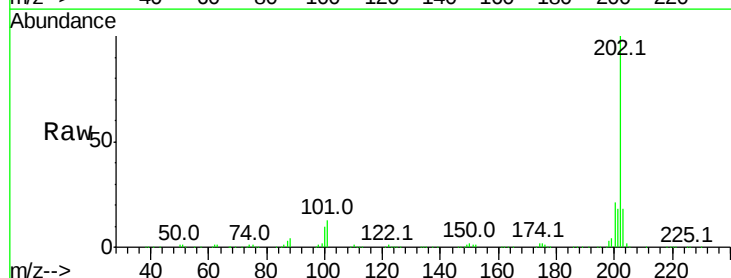
Instrument :
BNA_F
ClientSampleId :

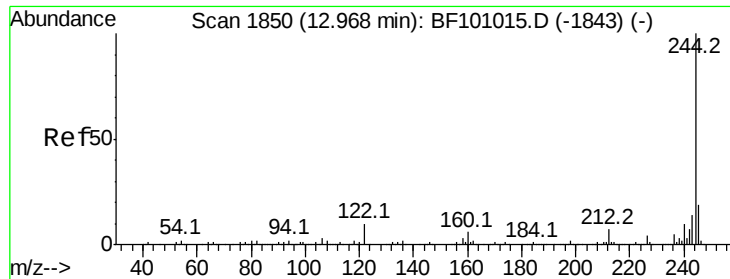
Tot Ion:240 Resp: 127006
Ion Ratio Lower Upper
240 100
120 9.0 9.5 14.3#
236 24.3 20.7 31.1



#77
Pyrene
Concen: 41.480 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF101049.D
Acq: 1 Dec 2017 7:16

Tgt Ion:202 Resp: 363521
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.8 14.3 21.5

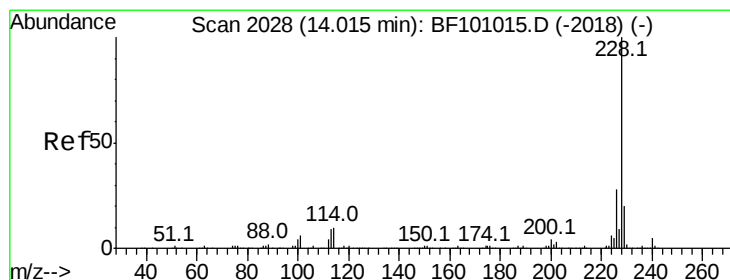
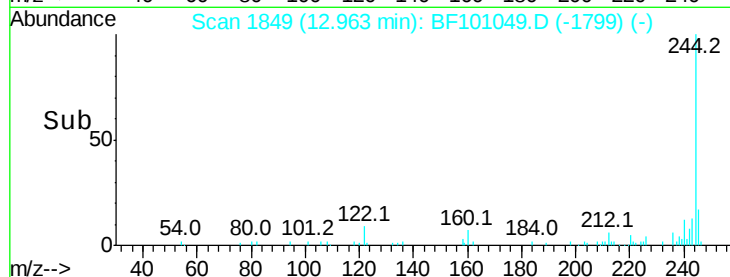
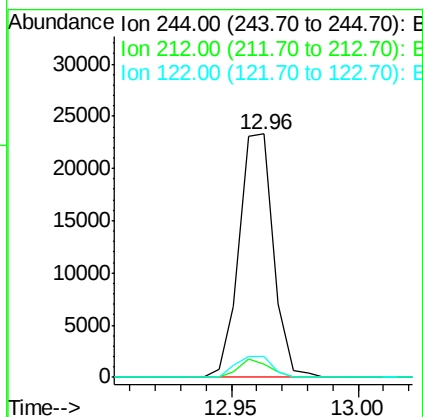
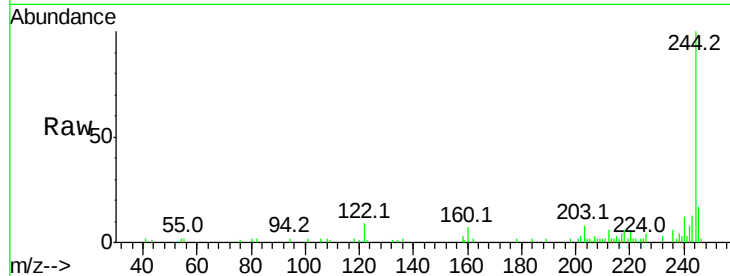




#78
 Terphenyl-d14
 Concen: 3.765 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF101049.D
 Acq: 1 Dec 2017 7:16

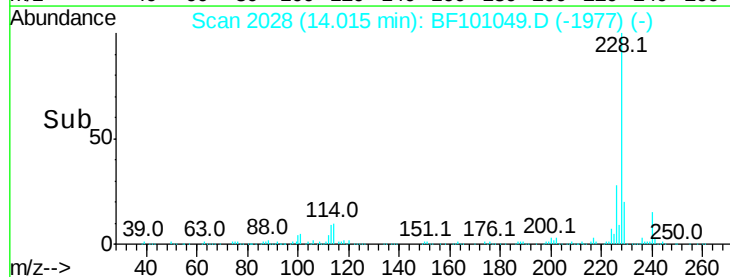
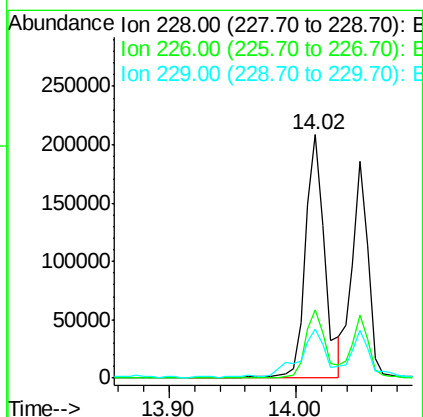
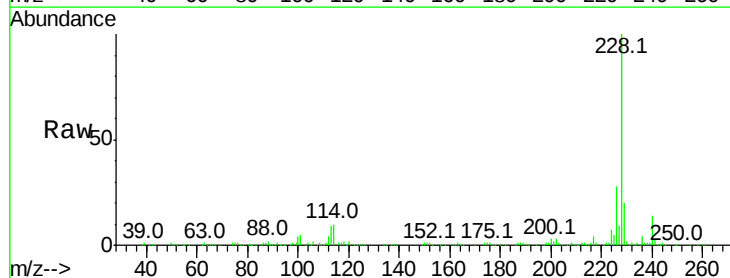
Instrument :
 BNA_F
 ClientSampleId :

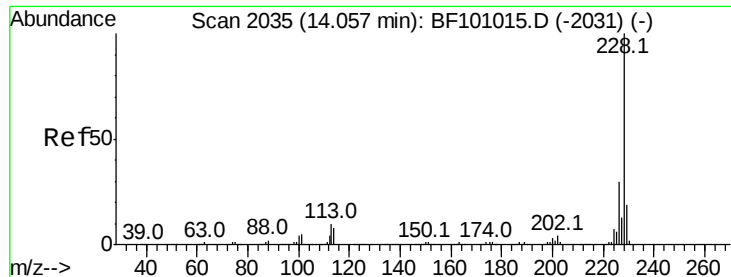
Tot Ion:244 Resp: 21863
 Ion Ratio Lower Upper
 244 100
 212 5.6 5.4 8.0
 122 8.5 11.0 16.4#



#80
 Benzo(a)anthracene
 Concen: 27.259 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF101049.D
 Acq: 1 Dec 2017 7:16

Tgt Ion:228 Resp: 218588
 Ion Ratio Lower Upper
 228 100
 226 28.1 22.6 33.8
 229 20.3 15.8 23.6





#82

Chrysene

Concen: 21.966 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF101049.D

Acq: 1 Dec 2017 7:16

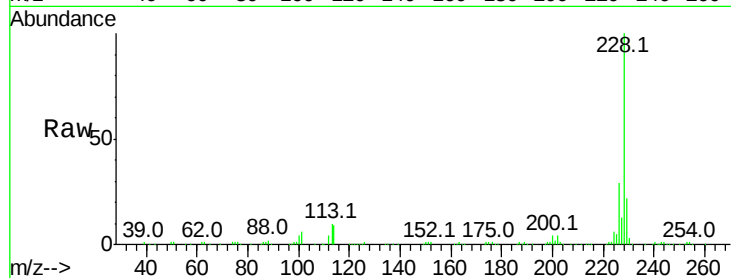
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 163590

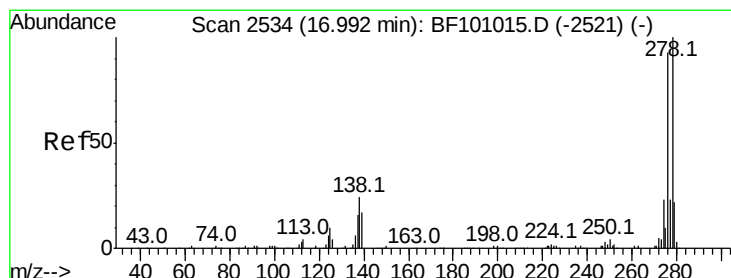
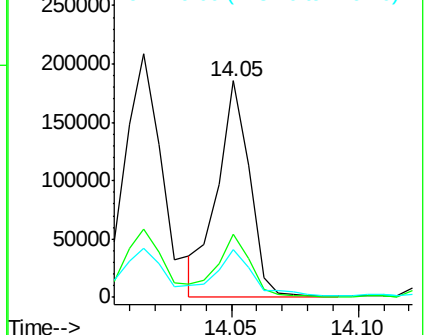
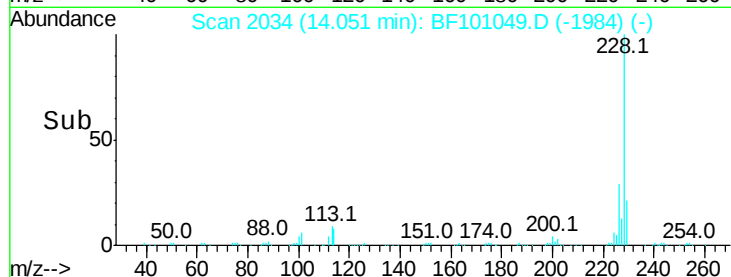
Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	22.3	16.2	24.4



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 8.260 ng

RT: 16.98 min Scan# 2532

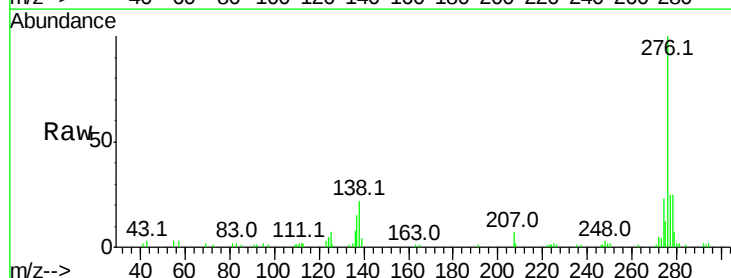
Delta R.T. -0.01 min

Lab File: BF101049.D

Acq: 1 Dec 2017 7:16

Tgt Ion:276 Resp: 54689

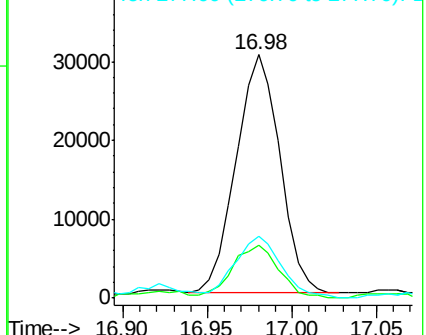
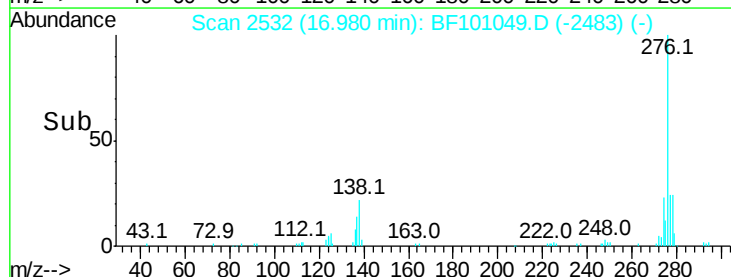
Ion	Ratio	Lower	Upper
276	100		
138	23.9	25.0	37.6#
277	27.6	20.1	30.1

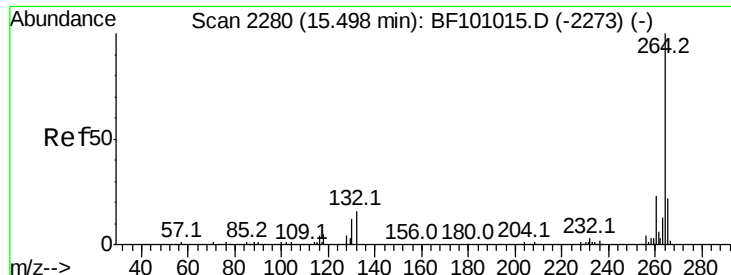


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BF101049.D

Acq: 1 Dec 2017 7:16

Instrument :

BNA_F

ClientSampleId :

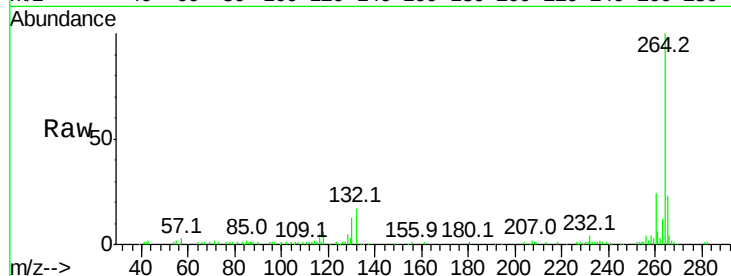
Tot Ion:264 Resp: 94288

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

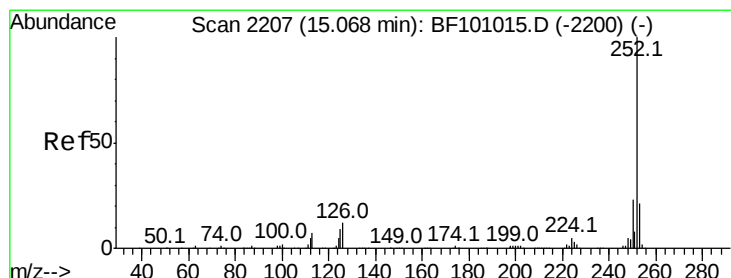
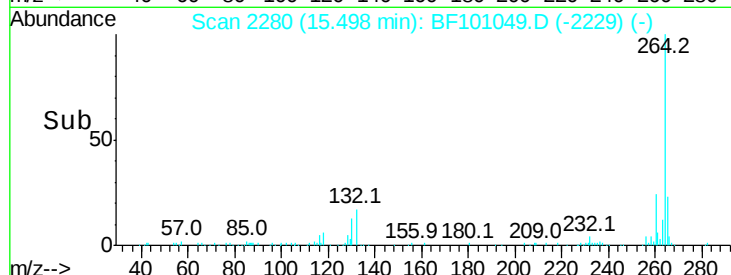
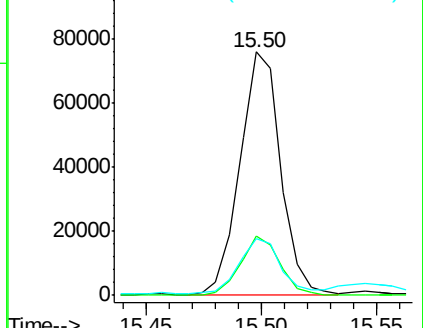
265 23.5 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 40.151 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BF101049.D

Acq: 1 Dec 2017 7:16

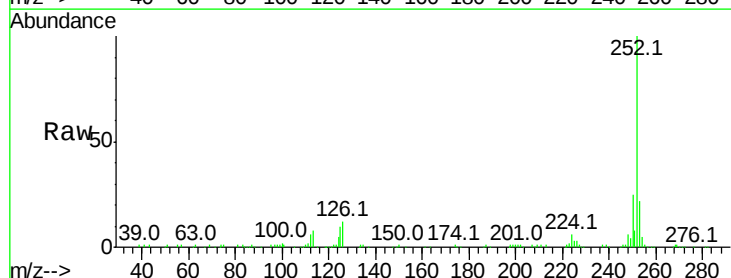
Tgt Ion:252 Resp: 226758

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

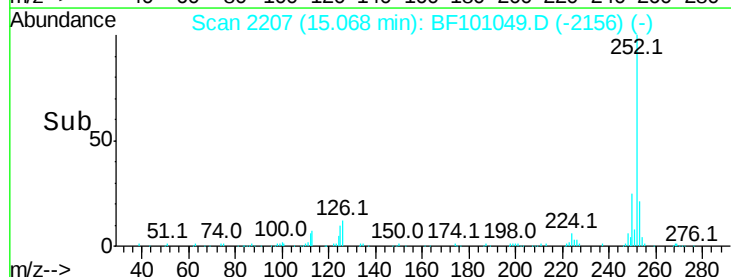
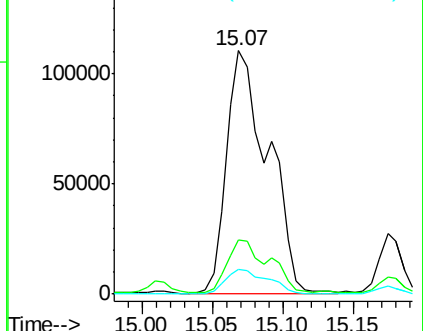
125 10.1 9.0 13.6

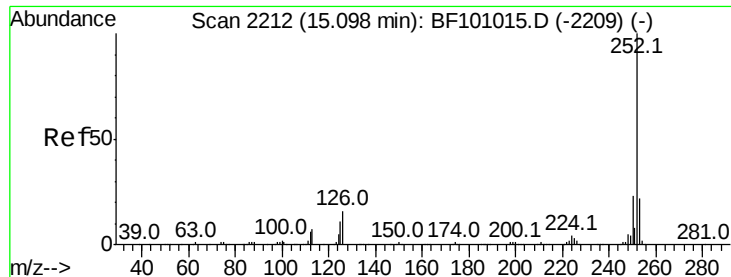


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

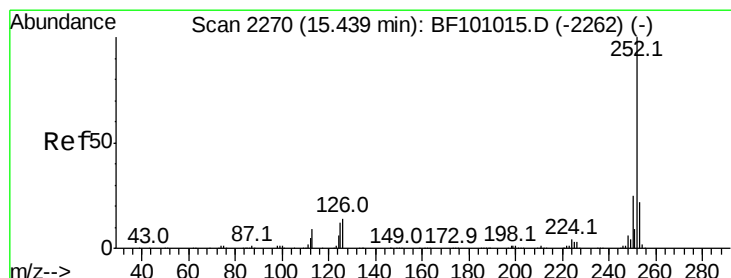
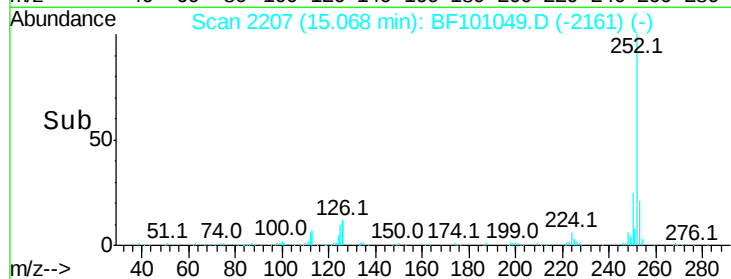
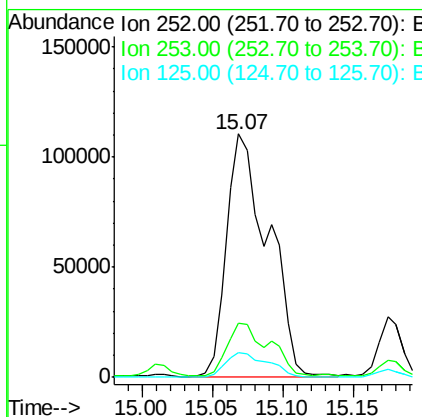
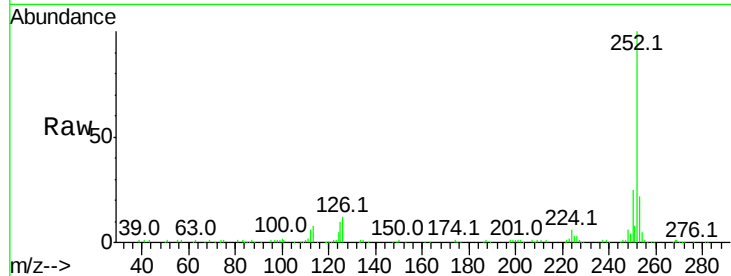




#88
Benzo(k)fluoranthene
Concen: 40.753 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.03 min
Lab File: BF101049.D
Acq: 1 Dec 2017 7:16

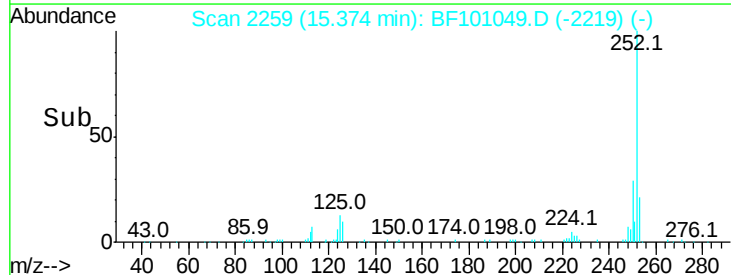
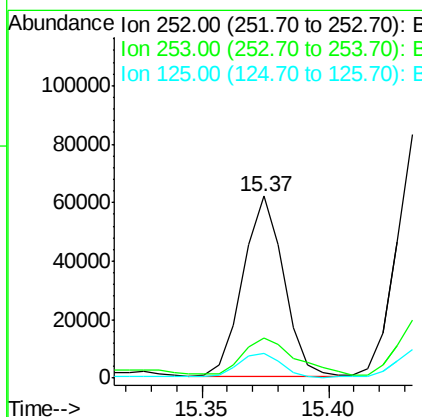
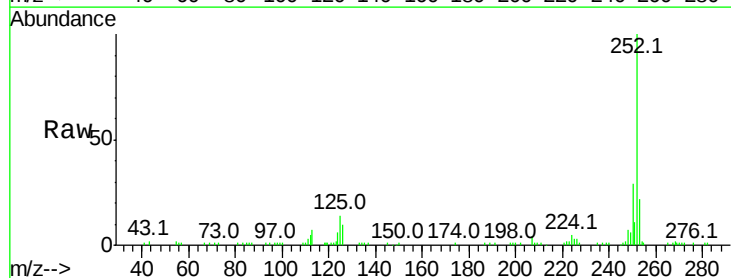
Instrument :
BNA_F
ClientSampleId :

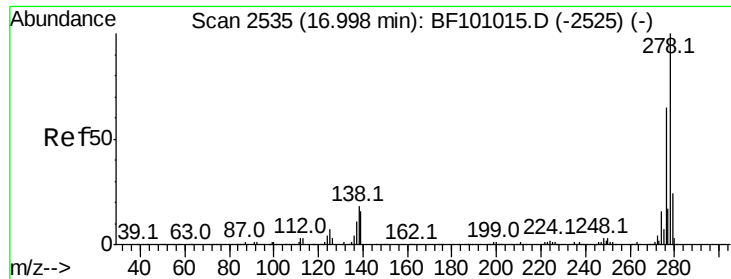
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	10.1	10.2	15.2#



#89
Benzo(a)pyrene
Concen: 13.514 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.06 min
Lab File: BF101049.D
Acq: 1 Dec 2017 7:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	13.6	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 3.379 ng

RT: 17.16 min Scan# 2562

Delta R.T. 0.16 min

Lab File: BF101049.D

Acq: 1 Dec 2017 7:16

Instrument :

BNA_F

ClientSampleId :

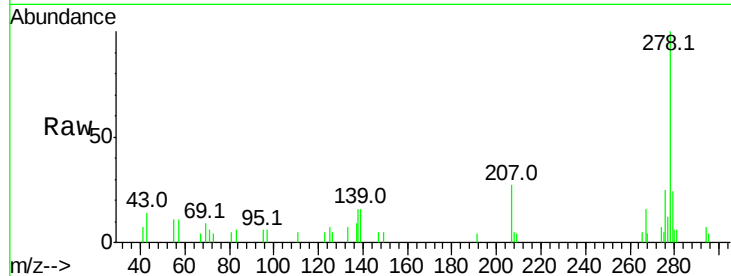
Tot Ion:278 Resp: 15295

Ion Ratio Lower Upper

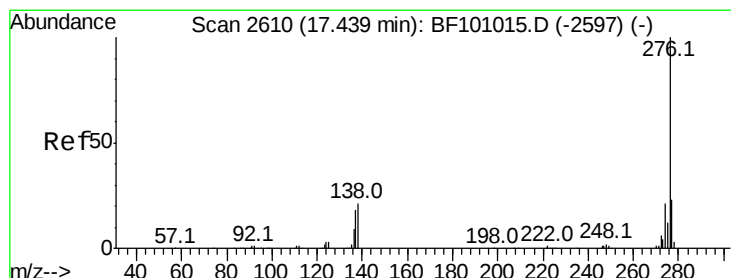
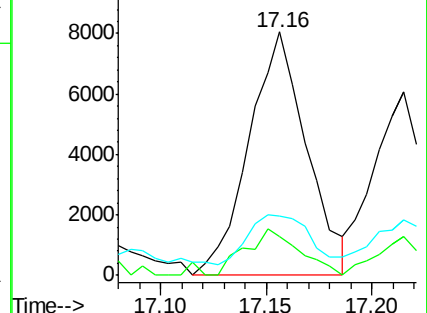
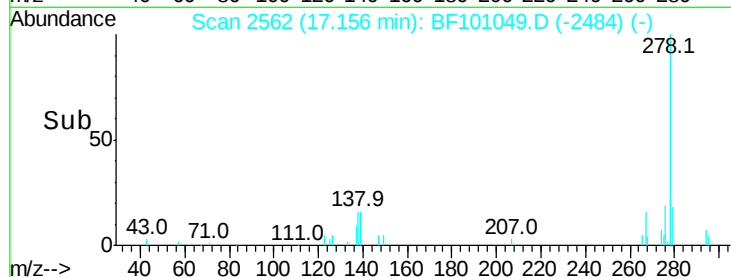
278 100

139 16.1 15.9 23.9

279 24.2 19.0 28.4



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



#91

Benzo(g,h,i)perylene

Concen: 12.607 ng

RT: 17.43 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BF101049.D

Acq: 1 Dec 2017 7:16

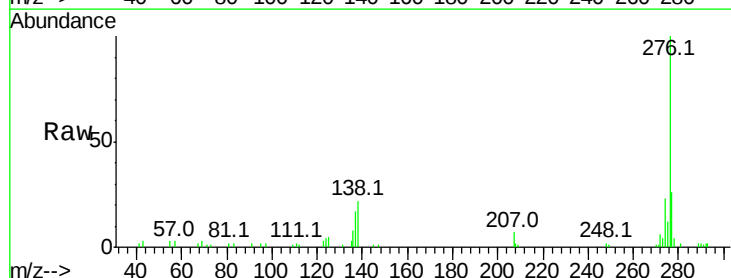
Tgt Ion:276 Resp: 53778

Ion Ratio Lower Upper

276 100

277 26.5 17.9 26.9

138 21.9 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

