

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051719\
 Data File : BF114353.D
 Acq On : 17 May 2019 16:47
 Operator : JU/SJ
 Sample : K2865-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 05:02:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	217797	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	824436	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	396065	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	759745	20.00	ng	0.00
76) Chrysene-d12	14.02	240	476140	20.00	ng	0.00
87) Perylene-d12	15.49	264	513384	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1143110	84.46	ng	0.00
7) Phenol-d6	6.49	99	1545862	96.57	ng	0.00
23) Nitrobenzene-d5	7.41	82	930134	63.32	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	329409	80.45	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1600129	61.11	ng	0.00
79) Terphenyl-d14	12.95	244	1437147	62.22	ng	0.00

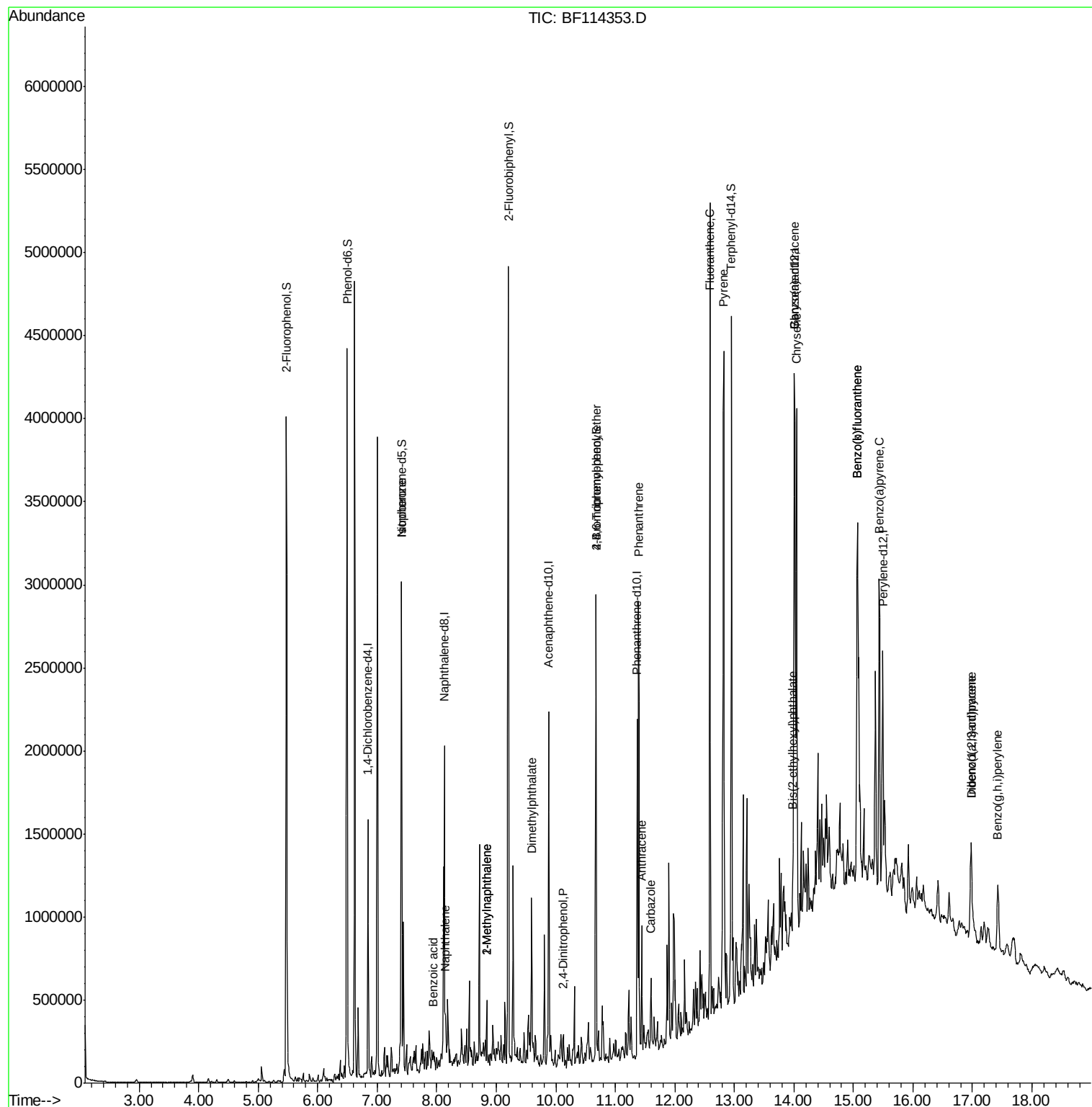
Target Compounds				Qvalue		
25) Isophorone	7.41	82	930134	34.139	ng	# 65
31) Naphthalene	8.15	128	82167	2.134	ng	97
32) Benzoic acid	7.94	122	1863	7.216	ng	# 1
37) 2-Methylnaphthalene	8.84	142	104572	4.209	ng	95
38) 1-Methylnaphthalene	8.84	142	104572	4.469	ng	95
50) Dimethylphthalate	9.59	163	289311	9.951	ng	99
54) 2,4-Dinitrophenol	10.13	184	353	6.845	ng	# 1
67) 4-Bromophenyl-phenylether	10.67	248	21028	2.514	ng	# 1
71) Phenanthrene	11.39	178	986806	26.697	ng	98
72) Anthracene	11.45	178	274733	7.400	ng	97
73) Carbazole	11.60	167	157369	4.445	ng	97
75) Fluoranthene	12.59	202	1954579	49.105	ng	98
78) Pyrene	12.82	202	1814481	47.372	ng	99
81) Benzo(a)anthracene	14.01	228	1260128	40.918	ng	99
83) Chrysene	14.04	228	1209961	40.079	ng	98
84) Bis(2-ethylhexyl)phthalate	13.98	149	60844	2.886	ng	99
86) Indeno(1,2,3-cd)pyrene	16.98	276	400416	15.008	ng	96
88) Benzo(b)fluoranthene	15.07	252	1906430	57.963	ng	97
89) Benzo(k)fluoranthene	15.07	252	1906430	63.100	ng	97
90) Benzo(a)pyrene	15.43	252	986451	34.079	ng	98
91) Dibenzo(a,h)anthracene	16.97	278	117644	4.891	ng	# 86
92) Benzo(g,h,i)perylene	17.43	276	353218	14.654	ng	96

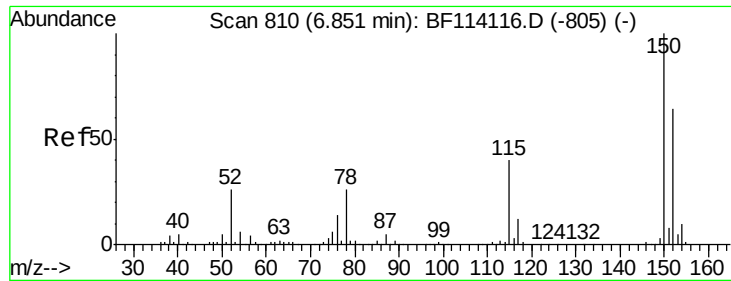
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051719\
Data File : BF114353.D
Acq On : 17 May 2019 16:47
Operator : JU/SJ
Sample : K2865-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 18 05:02:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration



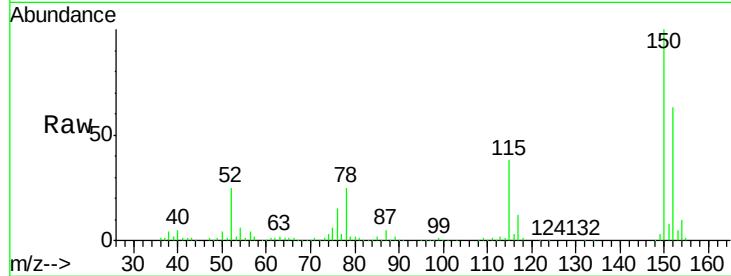


#1

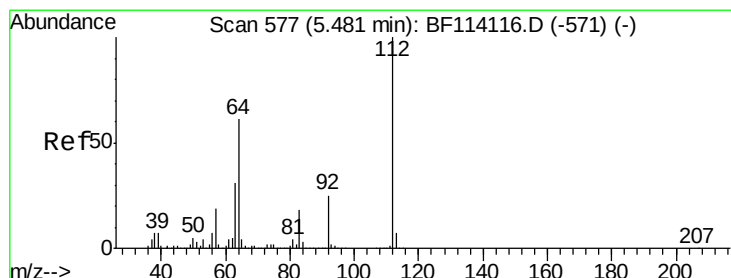
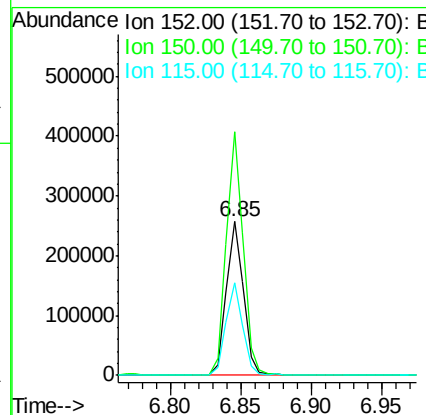
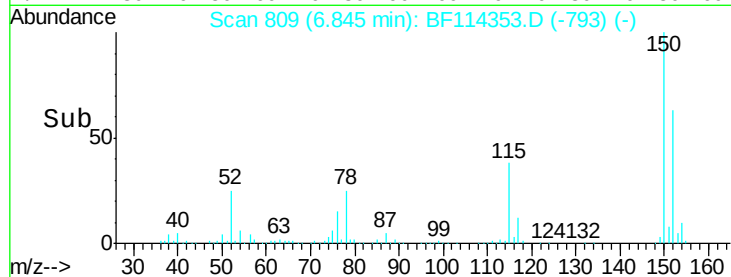
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114353.D
Acq: 17 May 2019 16:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 217797
Ion Ratio Lower Upper
152 100
150 158.1 124.3 186.5
115 60.3 49.1 73.7



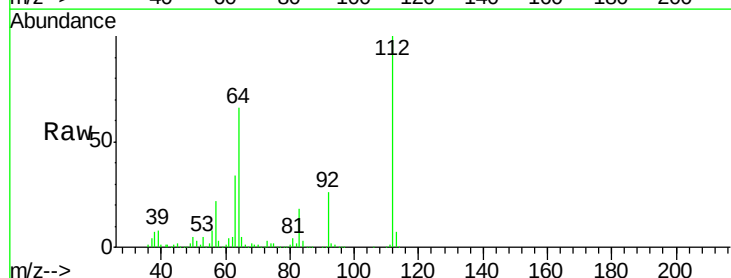
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



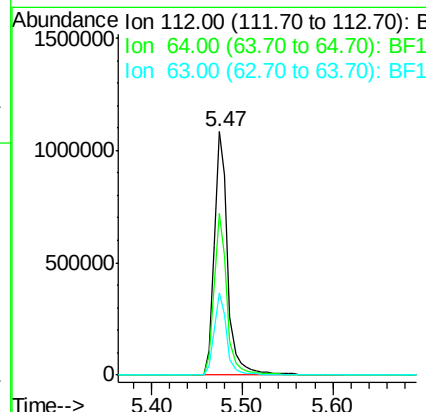
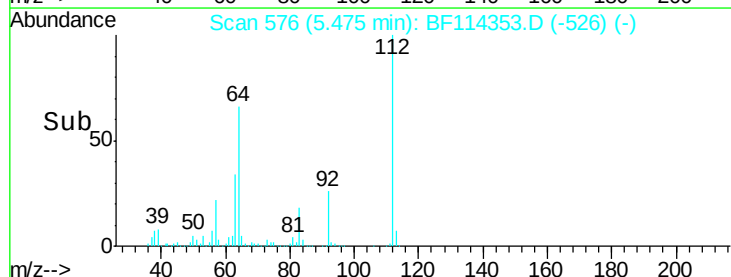
#5

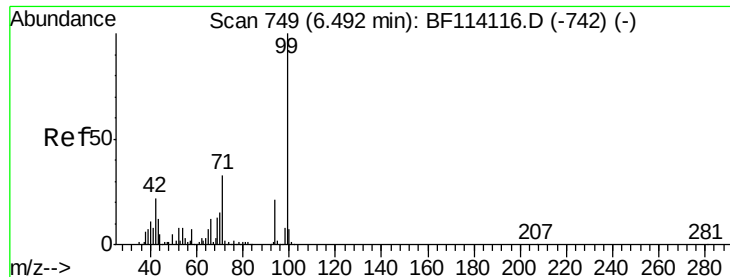
2-Fluorophenol
Concen: 84.462 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114353.D
Acq: 17 May 2019 16:47

Tgt Ion:112 Resp: 1143110
Ion Ratio Lower Upper
112 100
64 66.3 49.0 73.6
63 33.8 24.6 37.0



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: 96.574 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114353.D

Acq: 17 May 2019 16:47

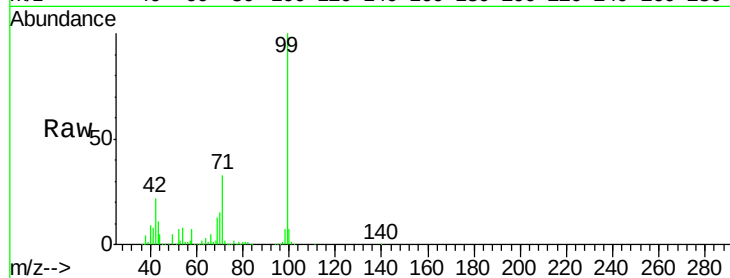
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1545862

Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.9	26.9
71	32.7	26.2	39.2

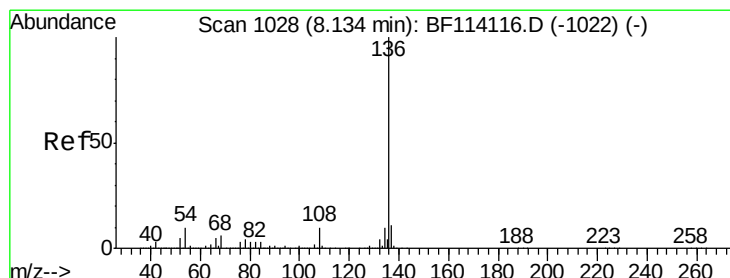
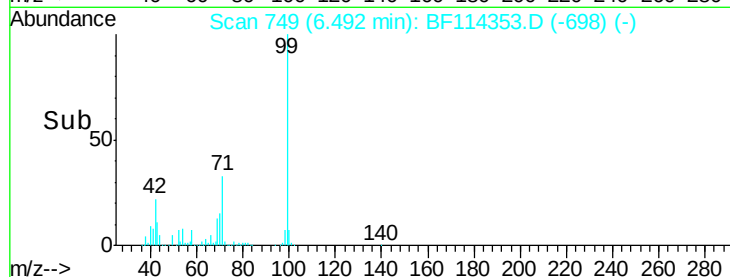
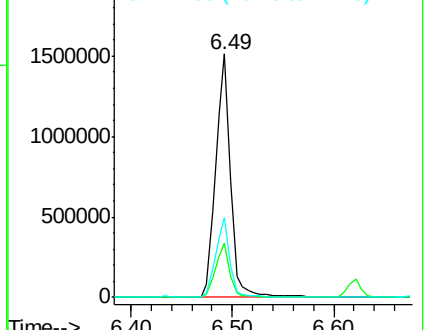


Abundance

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# 1027

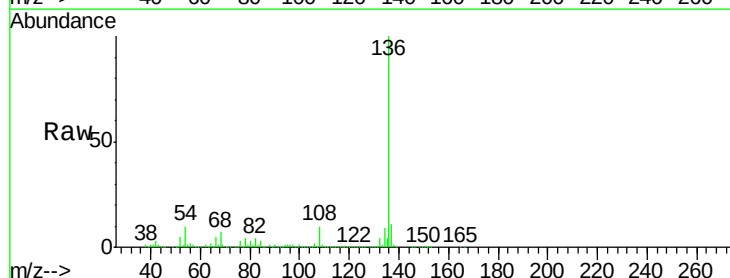
Delta R.T. -0.01 min

Lab File: BF114353.D

Acq: 17 May 2019 16:47

Tgt Ion: 136 Resp: 824436

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.8	7.8	11.8
68	6.6	5.1	7.7



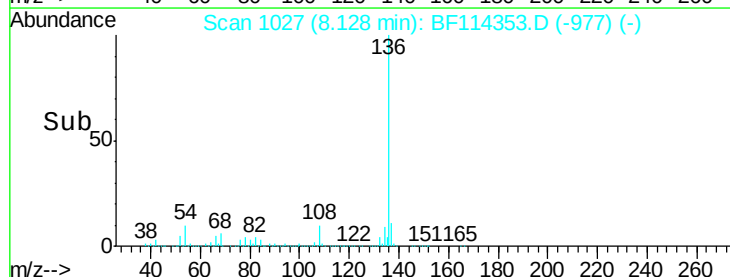
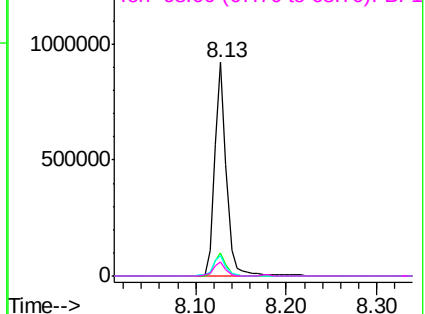
Abundance

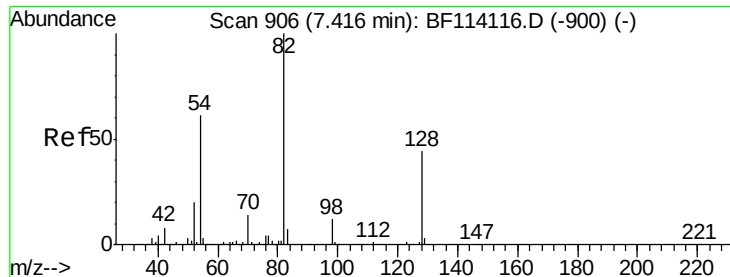
Ion 136.00 (135.70 to 136.70): E

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

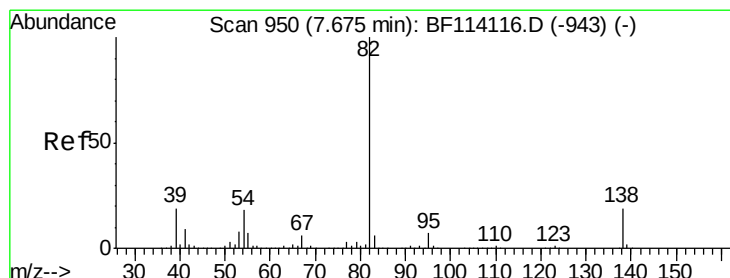
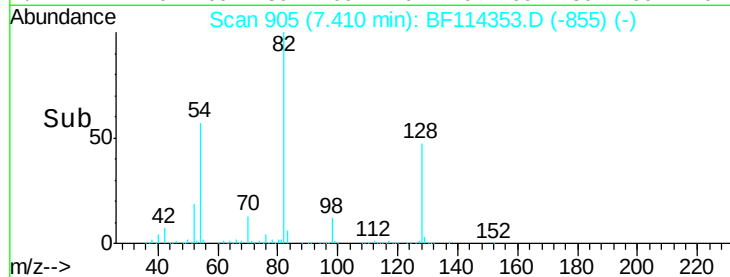
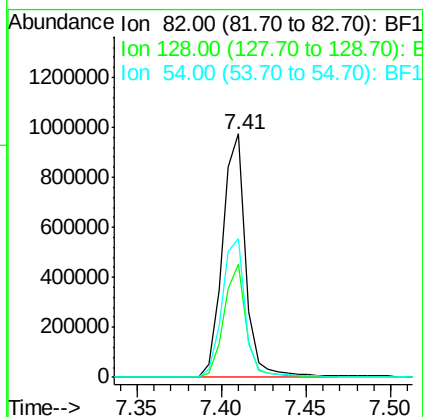
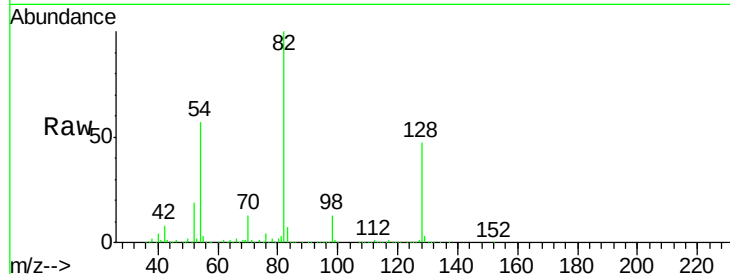




#23
 Nitrobenzene-d5
 Concen: 63.315 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF114353.D
 Acq: 17 May 2019 16:47

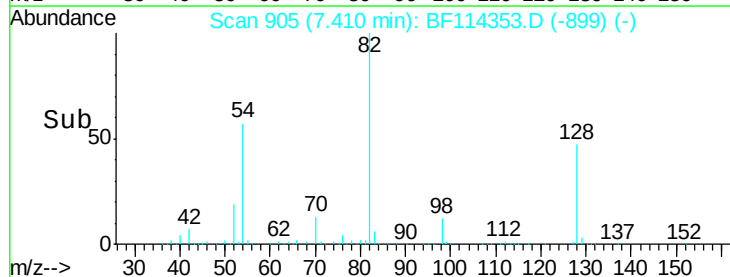
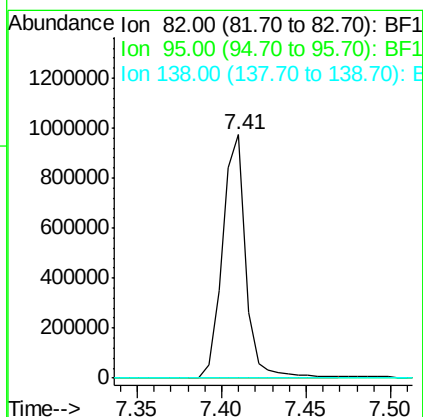
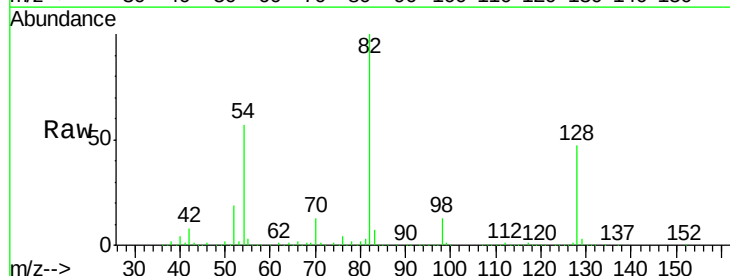
Instrument :
 BNA_F
 ClientSampleId :

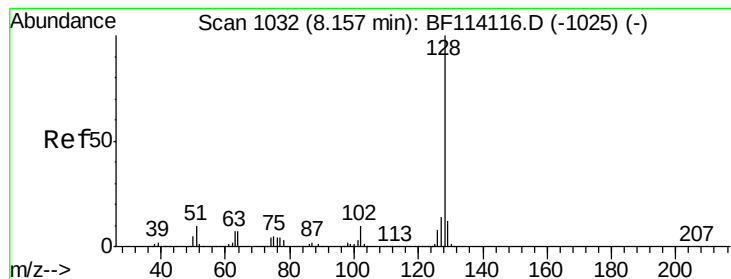
Tot Ion	82	Resp	930134
Ion Ratio	100	Lower	Upper
128	46.6	35.5	53.3
54	56.8	48.5	72.7



#25
 Isophorone
 Concen: 34.139 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.26 min
 Lab File: BF114353.D
 Acq: 17 May 2019 16:47

Tgt Ion	82	Resp	930134
Ion Ratio	100	Lower	Upper
95	0.3	5.6	8.4#
138	0.0	14.8	22.2#





#31

Naphthalene

Concen: 2.134 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF114353.D

Acq: 17 May 2019 16:47

Instrument :

BNA_F

ClientSampleId :

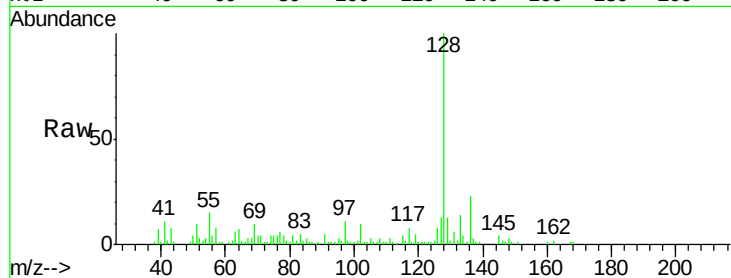
Tot Ion:128 Resp: 82167

Ion Ratio Lower Upper

128 100

129 13.4 9.6 14.4

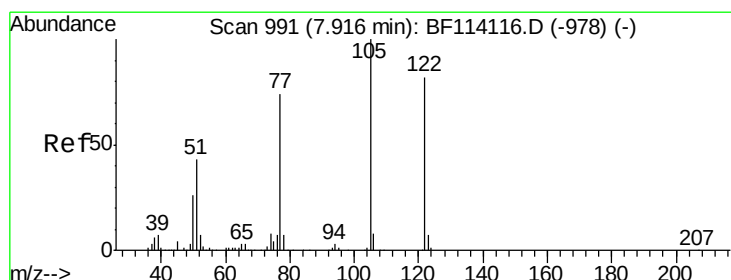
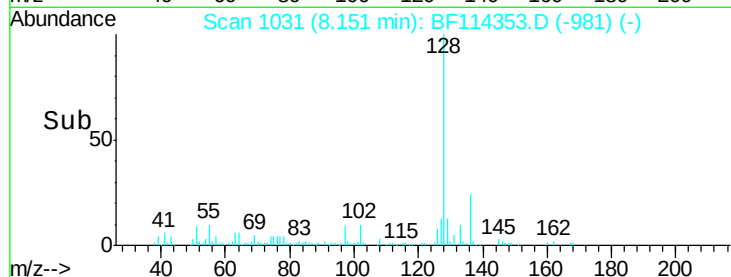
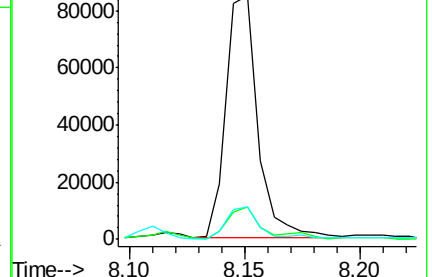
127 13.3 11.3 16.9



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: 7.216 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.02 min

Lab File: BF114353.D

Acq: 17 May 2019 16:47

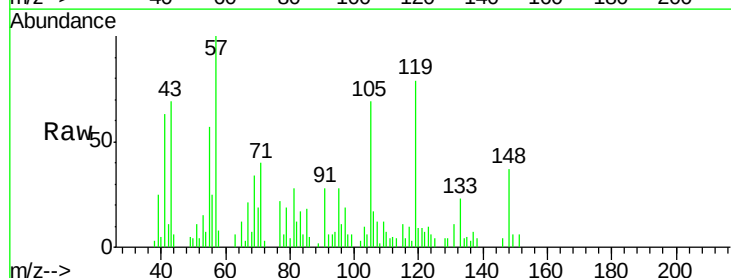
Tgt Ion:122 Resp: 1863

Ion Ratio Lower Upper

122 100

105 1058.0 99.9 139.9#

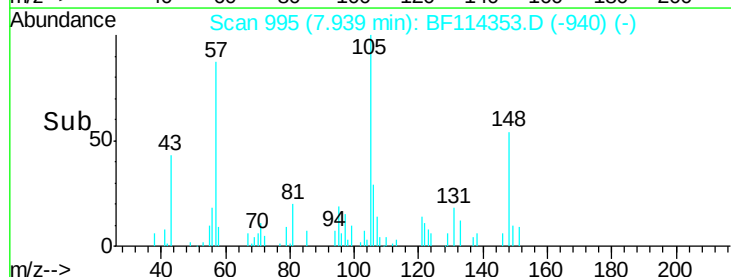
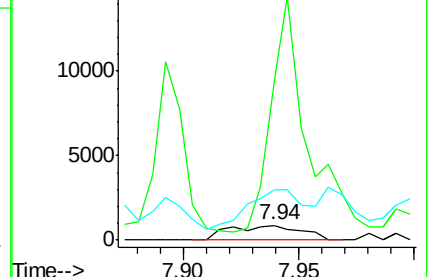
77 335.4 69.4 109.4#

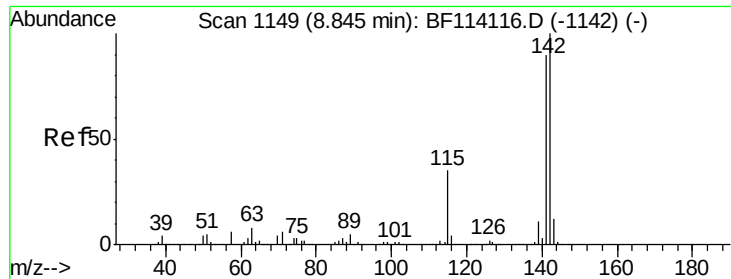


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

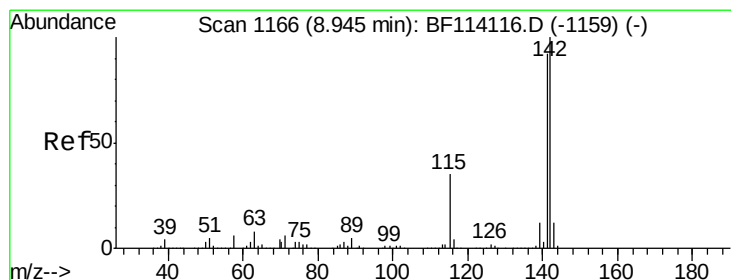
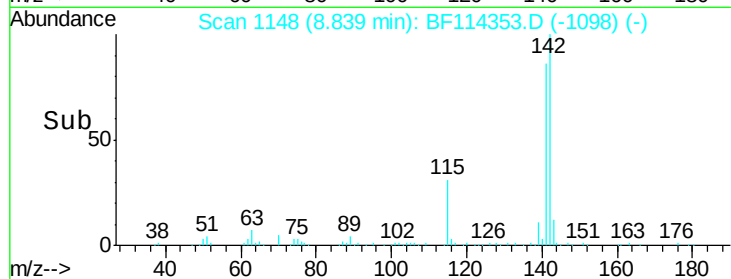
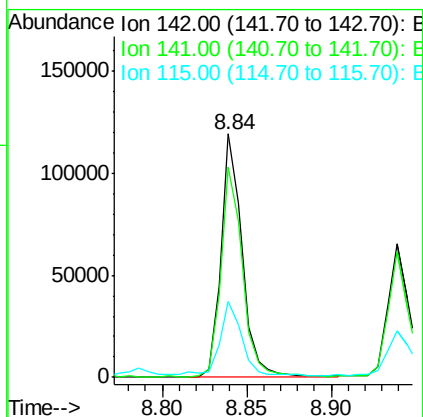
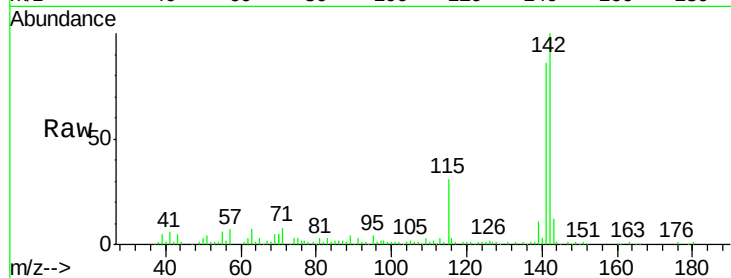




#37
 2-Methylnaphthalene
 Concen: 4.209 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF114353.D
 Acq: 17 May 2019 16:47

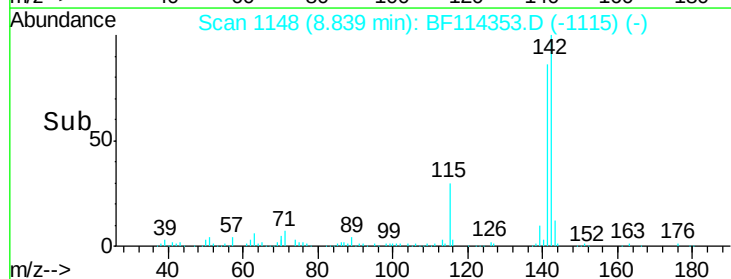
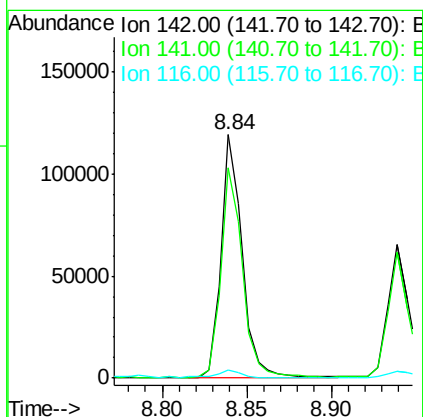
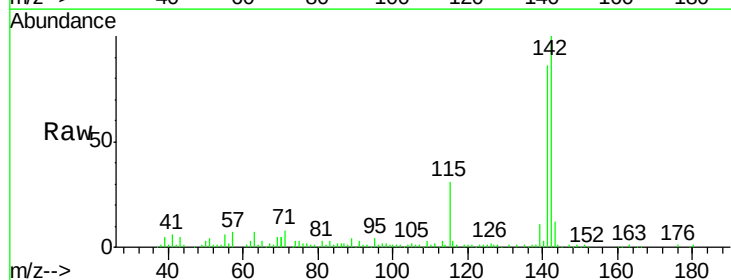
Instrument :
 BNA_F
 ClientSampleId :

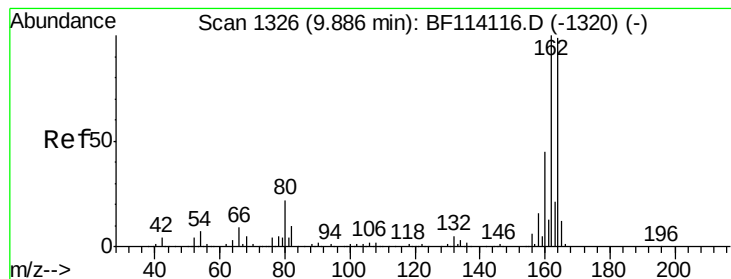
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.4	72.1	108.1
115	31.2	28.0	42.0



#38
 1-Methylnaphthalene
 Concen: 4.469 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.11 min
 Lab File: BF114353.D
 Acq: 17 May 2019 16:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.4	73.4	110.0
116	3.4	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF114353.D

Acq: 17 May 2019 16:47

Instrument :

BNA_F

ClientSampleId :

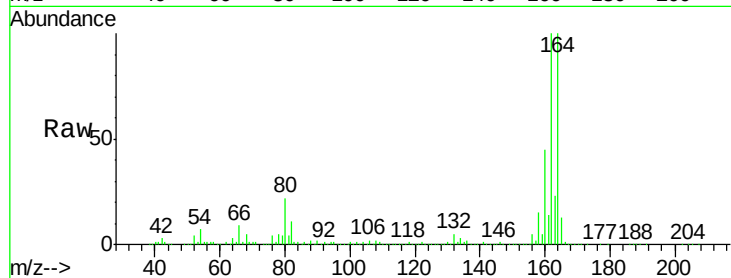
Tot Ion:164 Resp: 396065

Ion Ratio Lower Upper

164 100

162 100.5 80.6 120.8

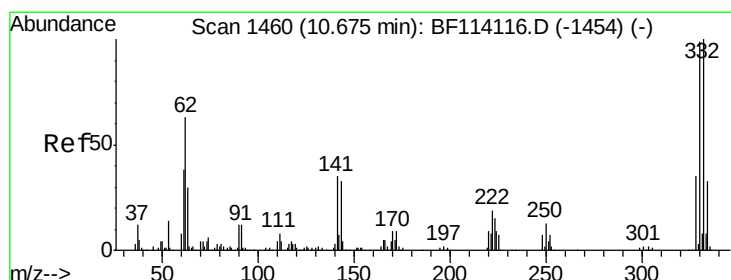
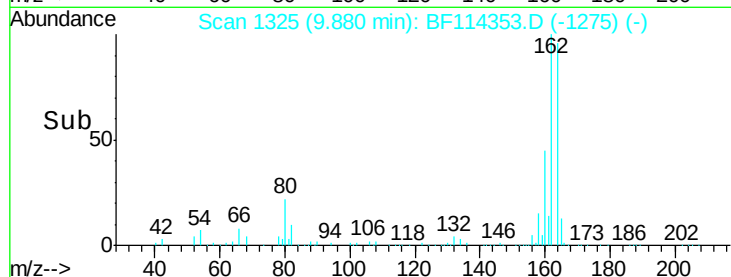
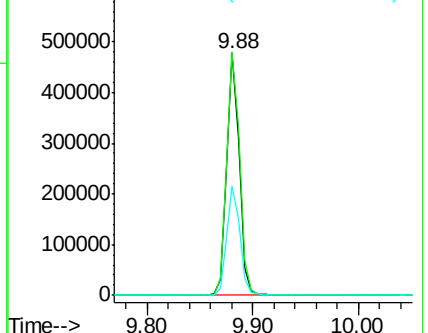
160 44.9 36.5 54.7



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



#42

2,4,6-Tribromophenol

Concen: 80.449 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF114353.D

Acq: 17 May 2019 16:47

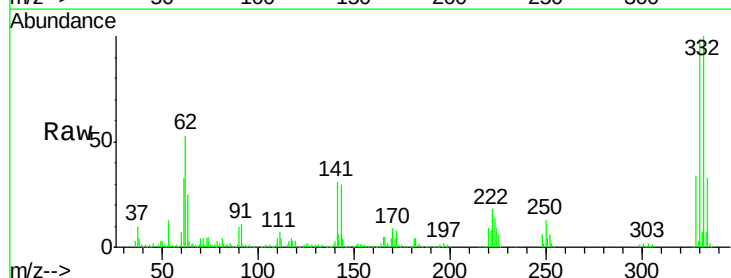
Tgt Ion:330 Resp: 329409

Ion Ratio Lower Upper

330 100

332 100.9 81.4 122.2

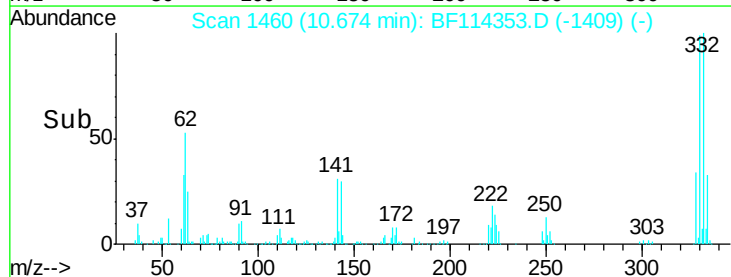
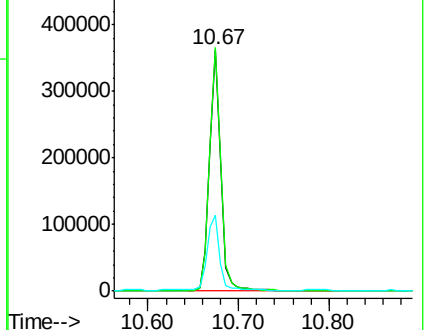
141 34.8 26.6 40.0

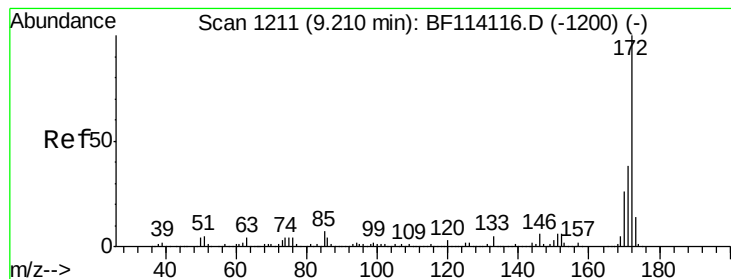


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 61.113 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF114353.D

Acq: 17 May 2019 16:47

Instrument :

BNA_F

ClientSampleId :

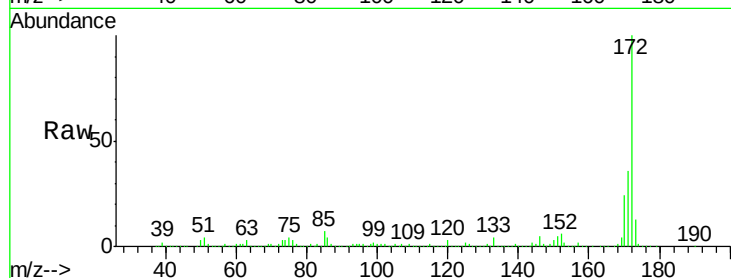
Tot Ion:172 Resp: 1600129

Ion Ratio Lower Upper

172 100

171 35.5 30.7 46.1

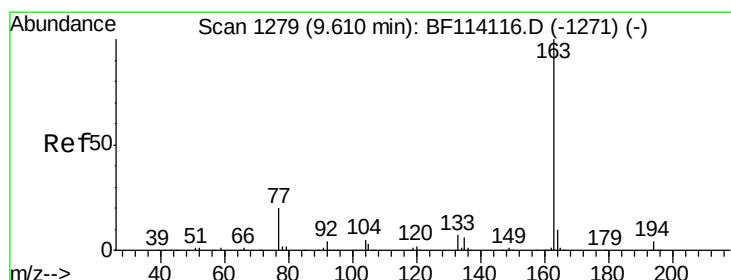
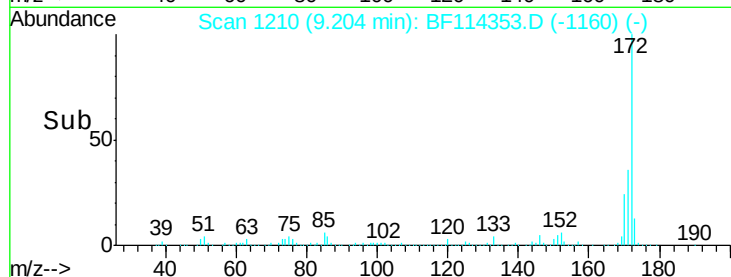
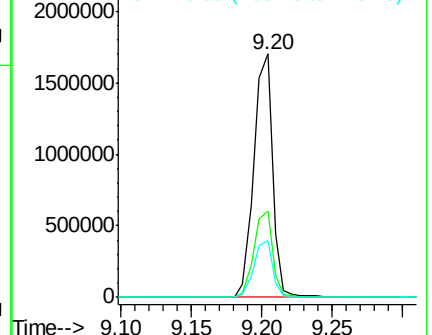
170 23.6 20.5 30.7



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



#50

Dimethylphthalate

Concen: 9.951 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF114353.D

Acq: 17 May 2019 16:47

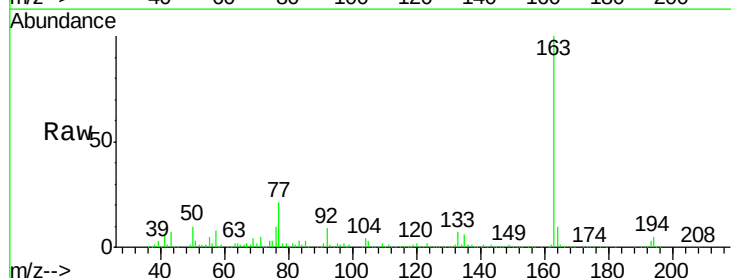
Tgt Ion:163 Resp: 289311

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

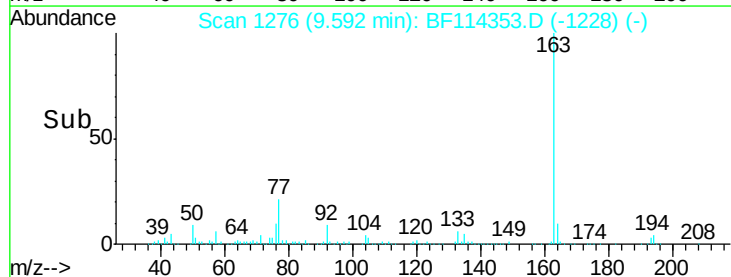
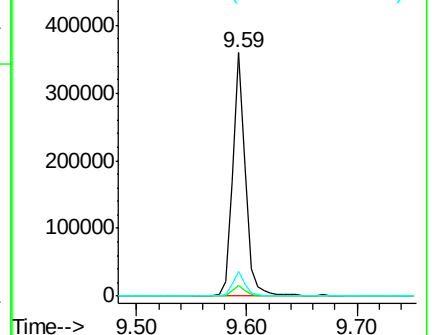
164 10.3 8.2 12.2

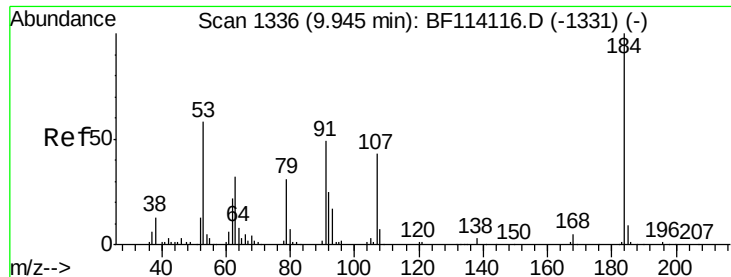


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

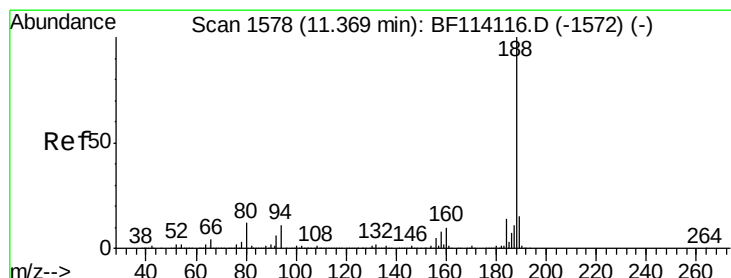
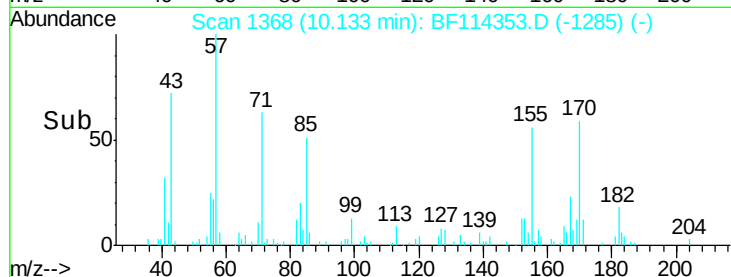
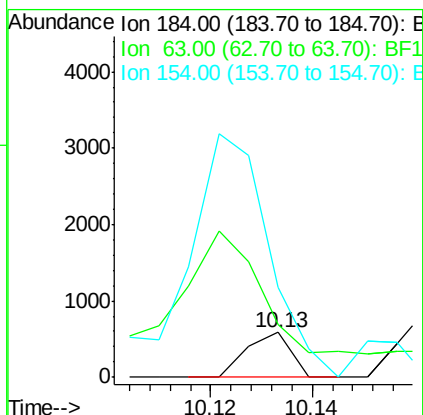
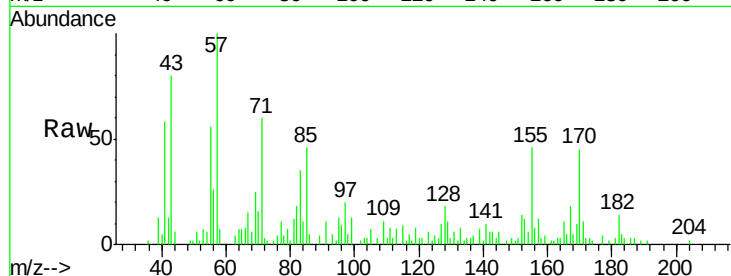




#54
 2,4-Dinitrophenol
 Concen: 6.845 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. 0.19 min
 Lab File: BF114353.D
 Acq: 17 May 2019 16:47

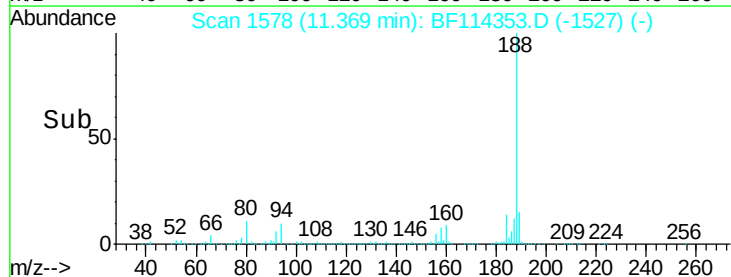
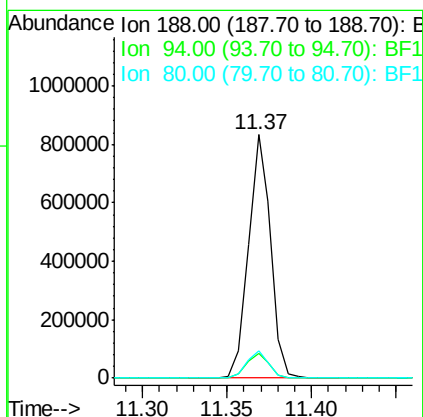
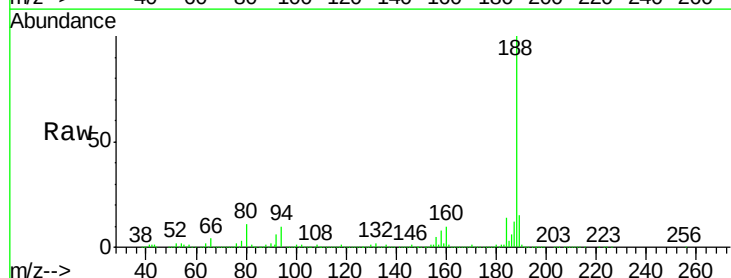
Instrument :
 BNA_F
 ClientSampleId :

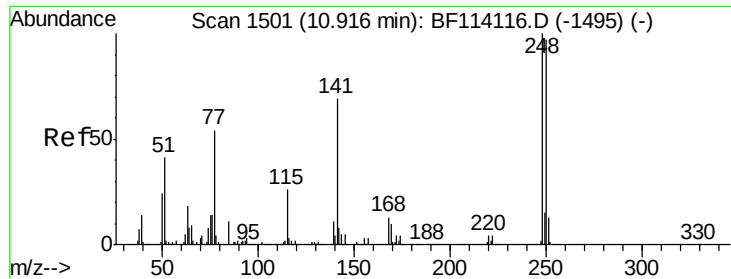
Tot Ion:184 Resp: 353
 Ion Ratio Lower Upper
 184 100
 63 118.8 55.6 83.4#
 154 200.3 46.0 69.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF114353.D
 Acq: 17 May 2019 16:47

Tgt Ion:188 Resp: 759745
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.4 12.6
 80 11.2 9.2 13.8

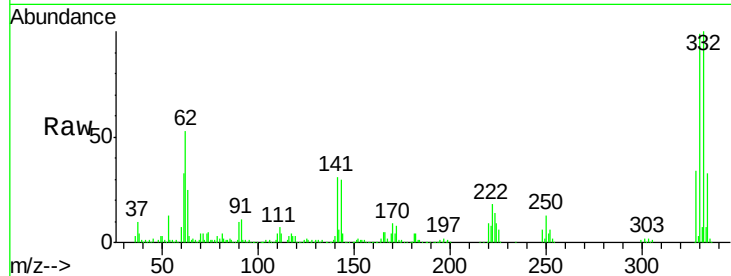




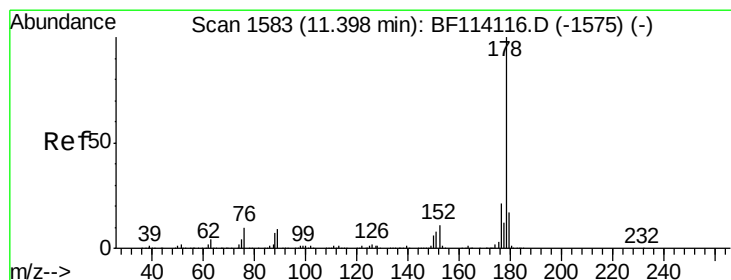
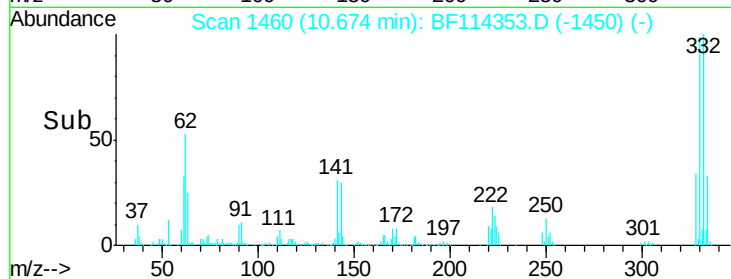
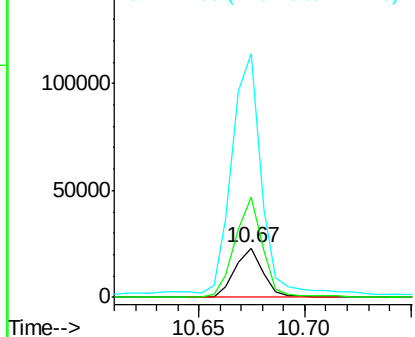
#67
4-Bromophenyl-phenylether
Concen: 2.514 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF114353.D
Acq: 17 May 2019 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 21028
Ion Ratio Lower Upper
248 100
250 202.9 77.4 116.2#
141 495.0 55.6 83.4#

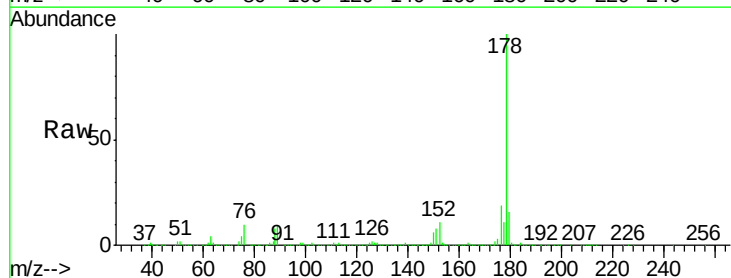


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

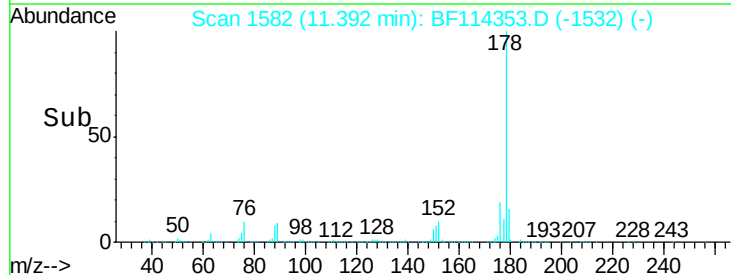
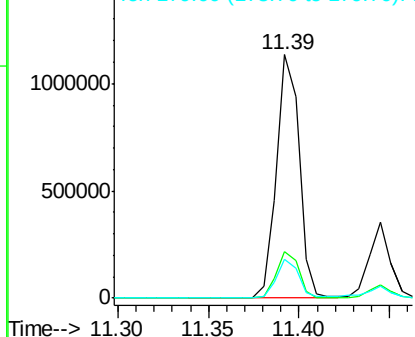


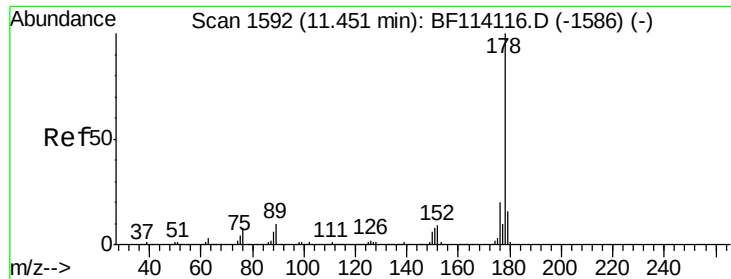
#71
Phenanthrene
Concen: 26.697 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF114353.D
Acq: 17 May 2019 16:47

Tgt Ion:178 Resp: 986806
Ion Ratio Lower Upper
178 100
176 19.0 16.4 24.6
179 16.0 13.2 19.8



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

Anthracene

Concen: 7.400 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF114353.D

Acq: 17 May 2019 16:47

Instrument :

BNA_F

ClientSampleId :

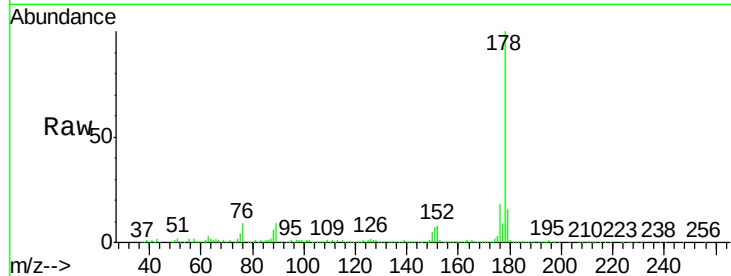
Tot Ion:178 Resp: 274733

Ion Ratio Lower Upper

178 100

176 18.1 15.8 23.8

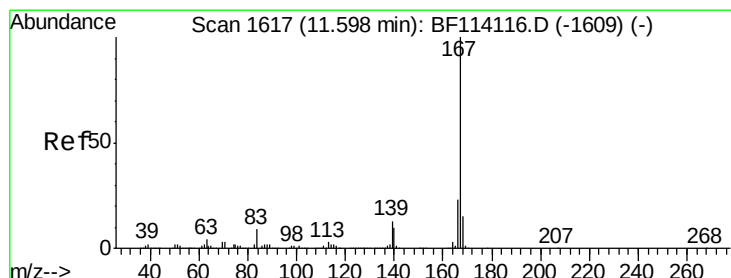
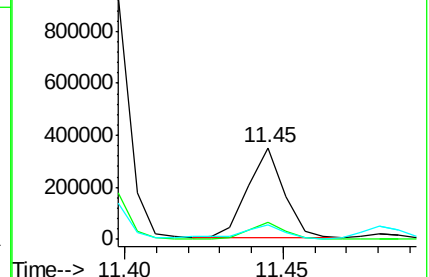
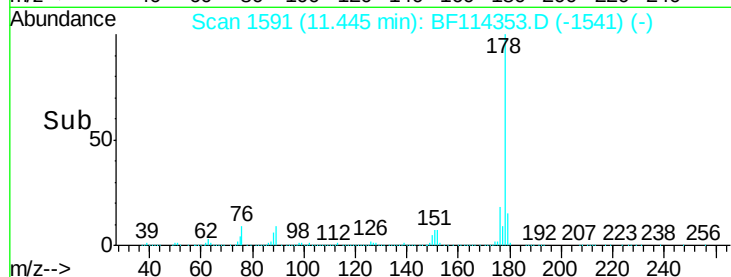
179 15.6 13.0 19.4



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



#73

Carbazole

Concen: 4.445 ng

RT: 11.60 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BF114353.D

Acq: 17 May 2019 16:47

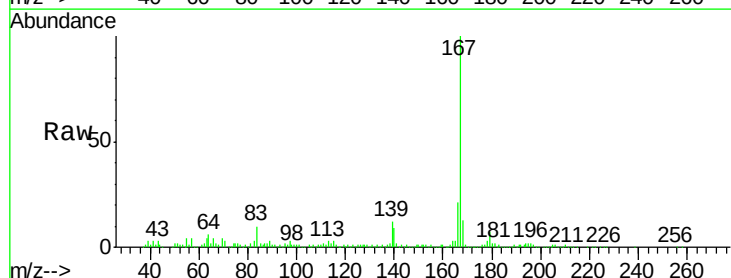
Tgt Ion:167 Resp: 157369

Ion Ratio Lower Upper

167 100

166 21.2 18.2 27.2

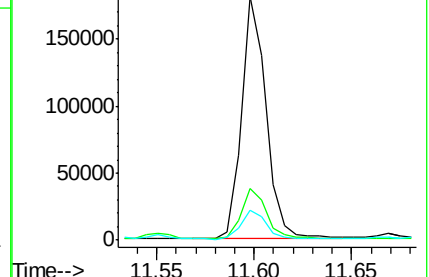
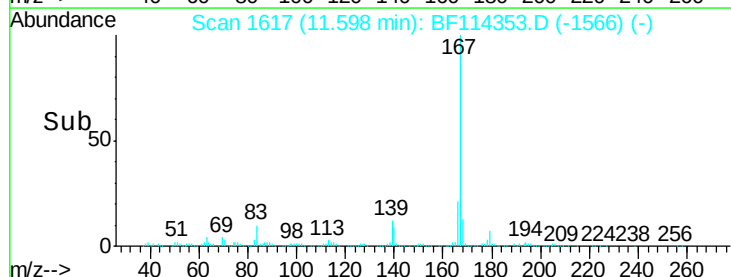
139 12.5 10.6 16.0

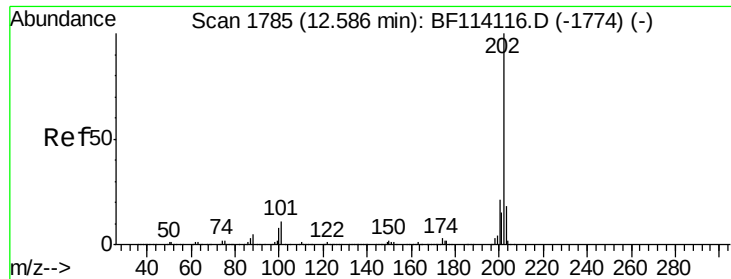


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 49.105 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF114353.D

Acq: 17 May 2019 16:47

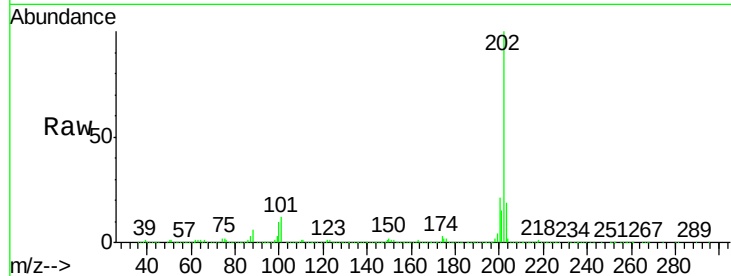
Instrument :

BNA_F

ClientSampled :

Tot Ion:202 Resp: 1954579

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.0
203	18.9	0.0	38.4

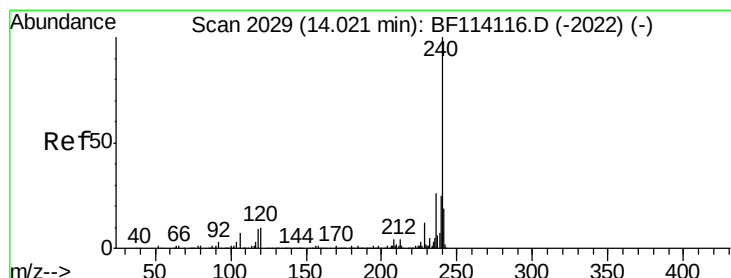
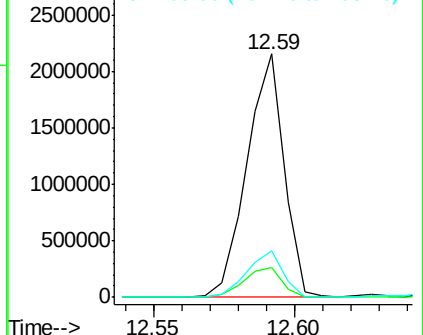
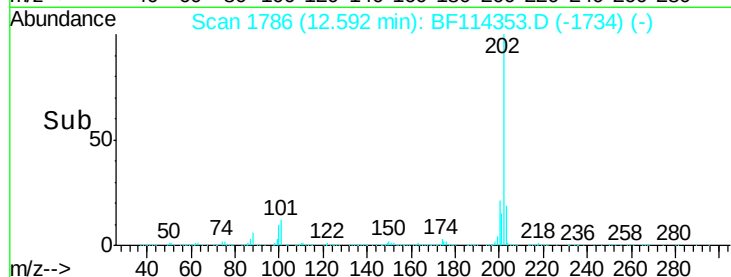


Abundance

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

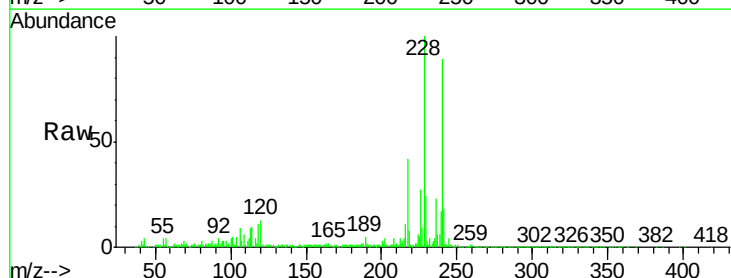
Delta R.T. -0.01 min

Lab File: BF114353.D

Acq: 17 May 2019 16:47

Tgt Ion:240 Resp: 476140

Ion	Ratio	Lower	Upper
240	100		
120	14.4	8.3	12.5#
236	26.3	20.8	31.2

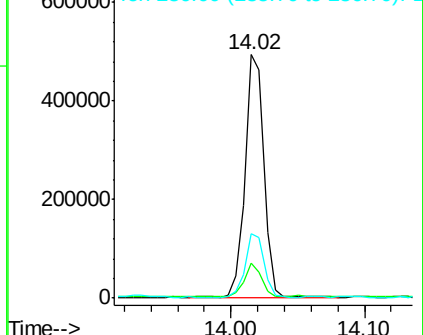
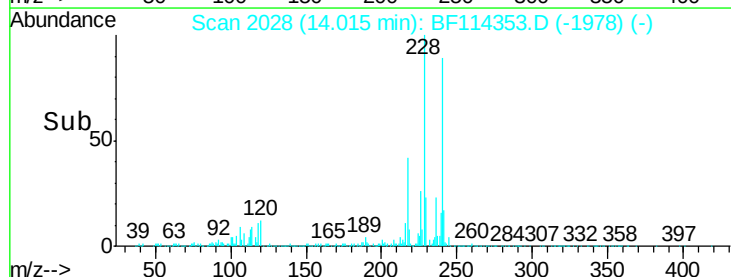


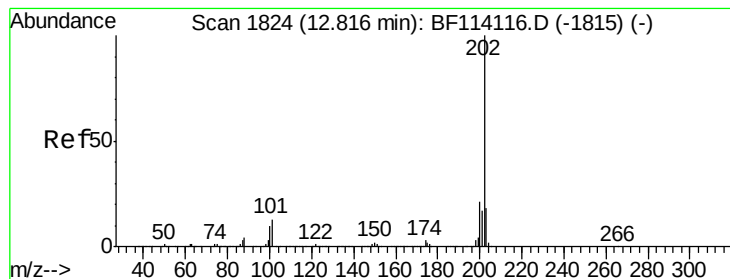
Abundance

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





#78

Pvrene

Concen: 47.372 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF114353.D

Acq: 17 May 2019 16:47

Instrument :

BNA_F

ClientSampleId :

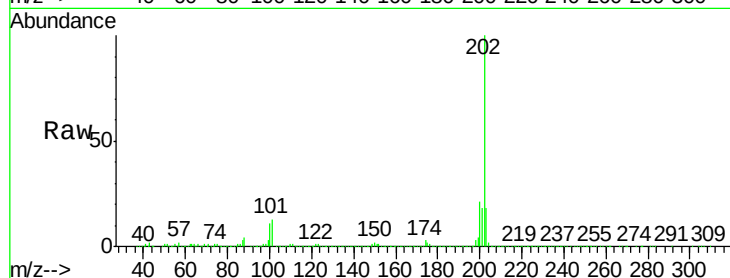
Tot Ion:202 Resp: 1814481

Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

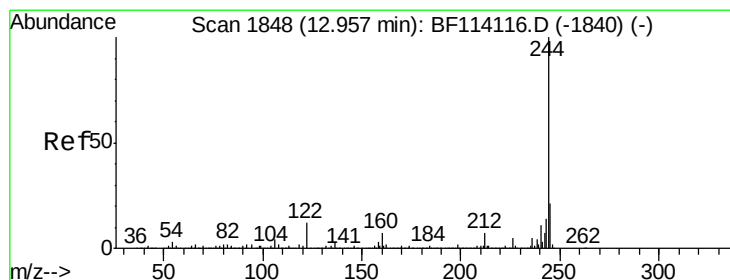
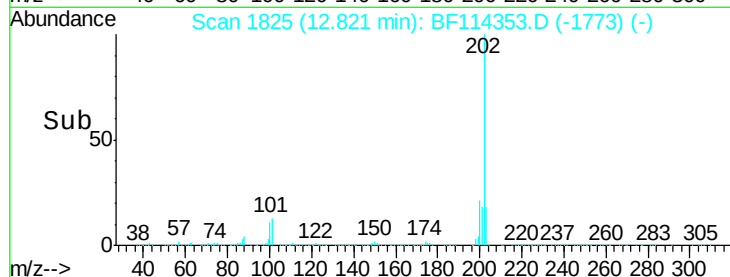
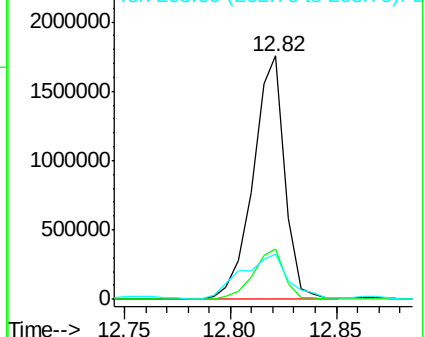
203 18.4 14.5 21.7



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



#79

Terphenyl-d14

Concen: 62.221 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114353.D

Acq: 17 May 2019 16:47

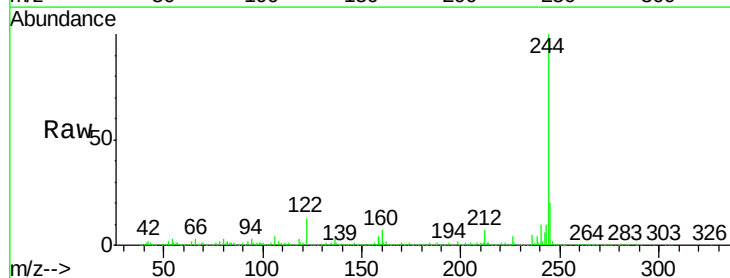
Tgt Ion:244 Resp: 1437147

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

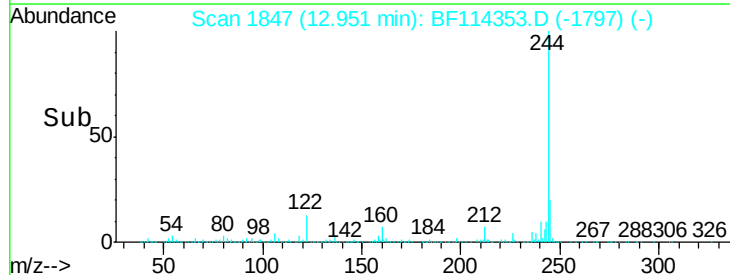
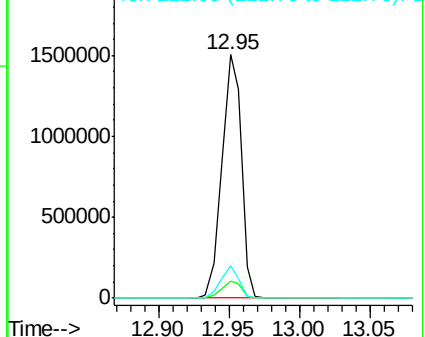
122 13.2 9.4 14.2

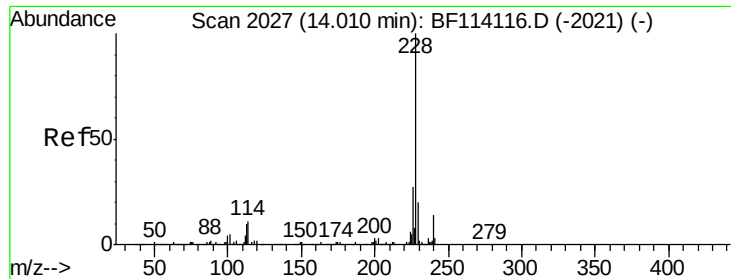


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 40.918 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF114353.D

Acq: 17 May 2019 16:47

Instrument :

BNA_F

ClientSampleId :

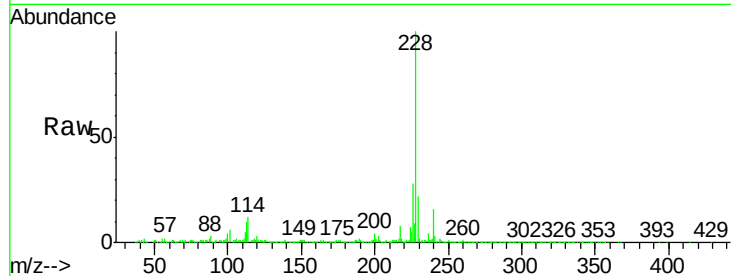
Tot Ion:228 Resp: 1260128

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.2

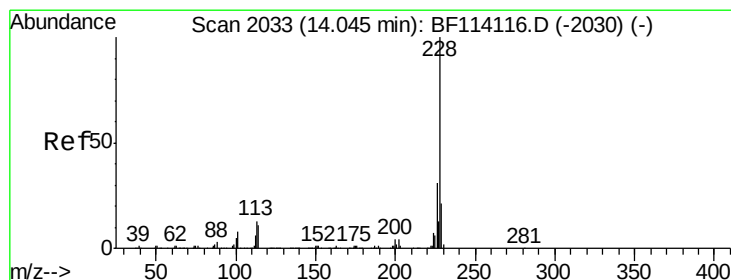
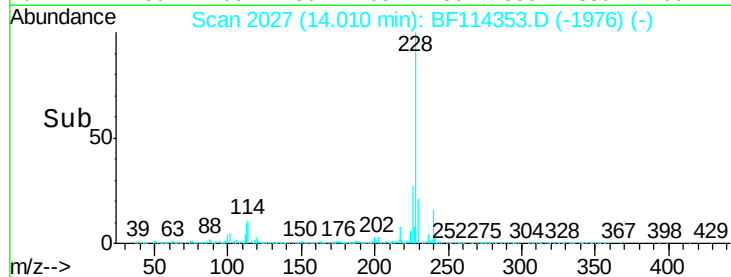
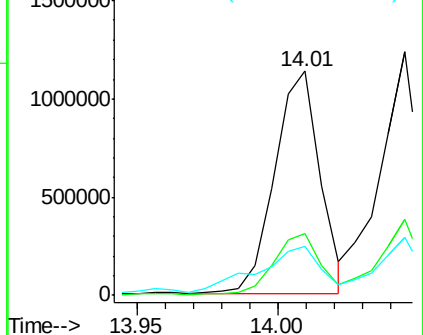
229 21.7 16.4 24.6



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

Chrysene

Concen: 40.079 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BF114353.D

Acq: 17 May 2019 16:47

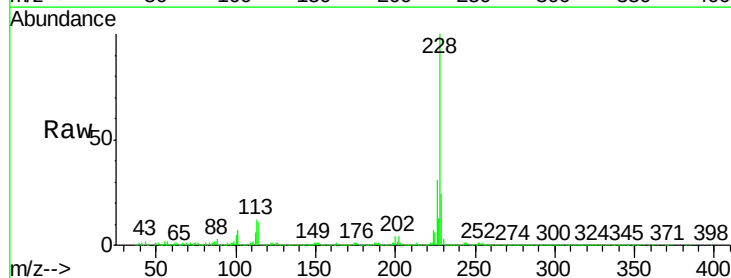
Tgt Ion:228 Resp: 1209961

Ion Ratio Lower Upper

228 100

226 31.1 25.0 37.6

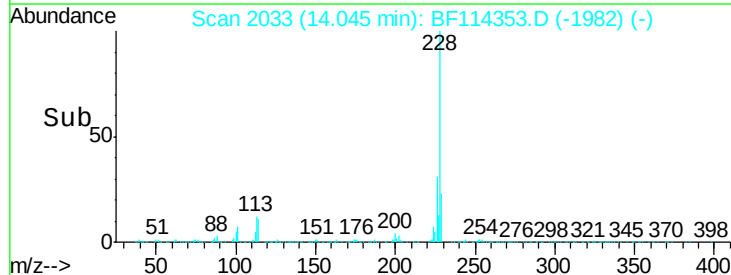
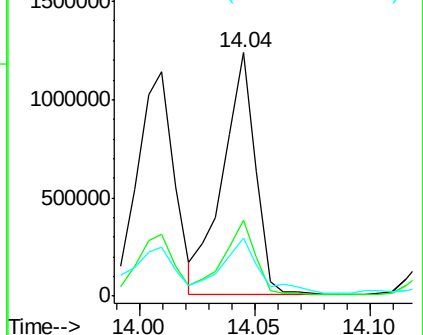
229 23.8 17.0 25.6

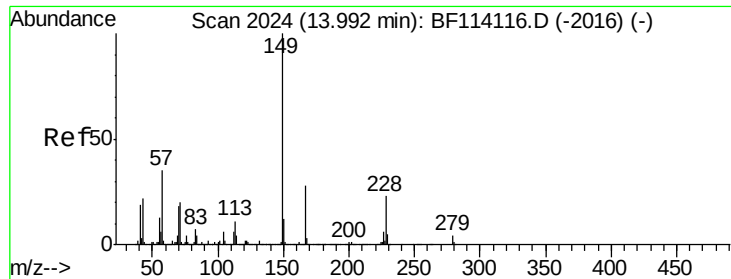


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

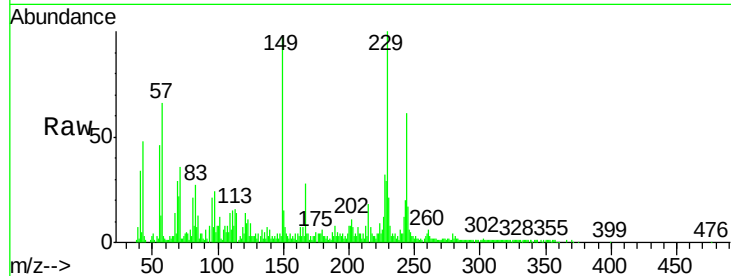




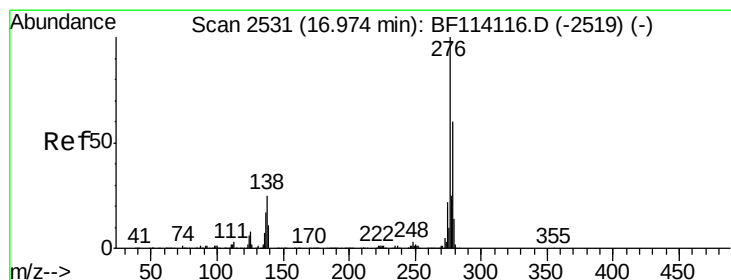
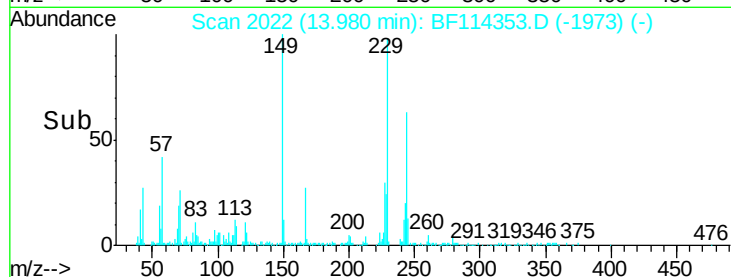
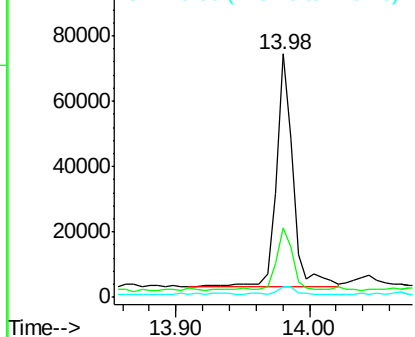
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.886 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF114353.D
 Acq: 17 May 2019 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 60844
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.6 33.8
 279 4.4 3.0 4.6

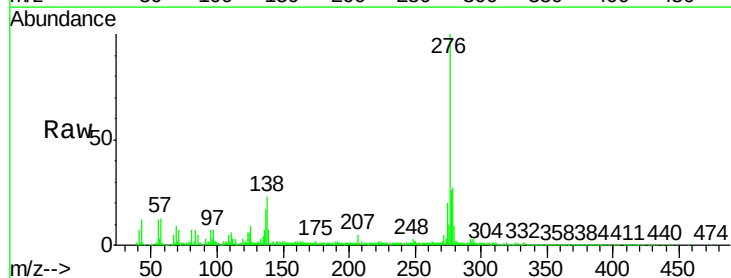


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

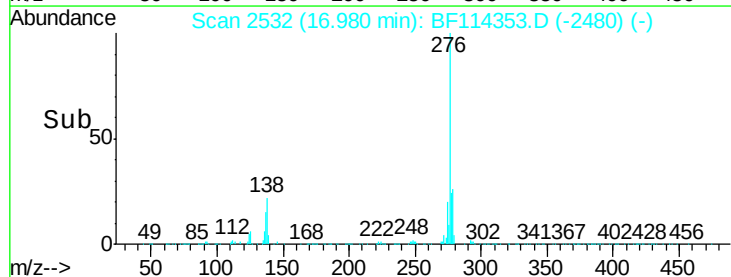
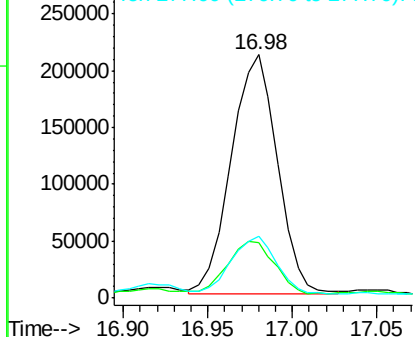


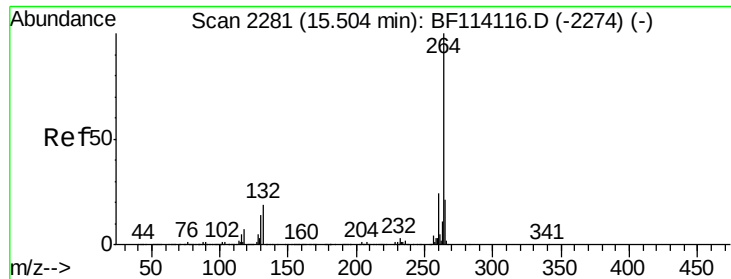
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 15.008 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. 0.01 min
 Lab File: BF114353.D
 Acq: 17 May 2019 16:47

Tgt Ion:276 Resp: 400416
 Ion Ratio Lower Upper
 276 100
 138 22.8 20.2 30.2
 277 23.6 20.0 30.0



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF114353.D

Acq: 17 May 2019 16:47

Instrument :

BNA_F

ClientSampleId :

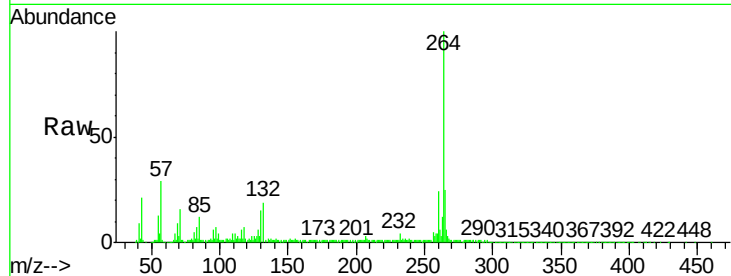
Tot Ion:264 Resp: 513384

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

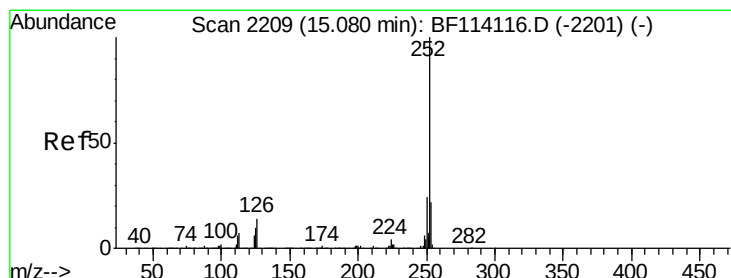
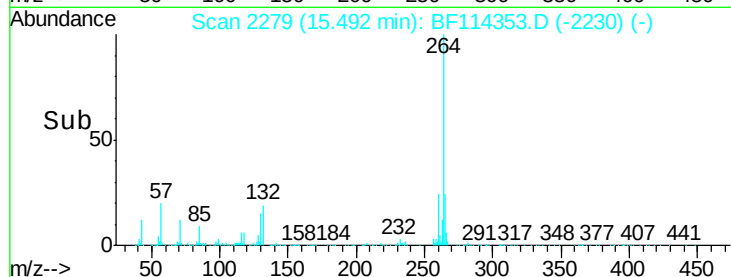
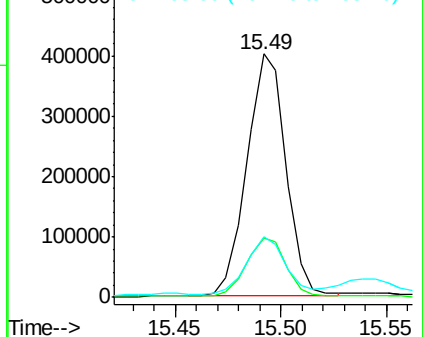
265 24.7 16.9 25.3



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



#88

Benzo(b)fluoranthene

Concen: 57.963 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF114353.D

Acq: 17 May 2019 16:47

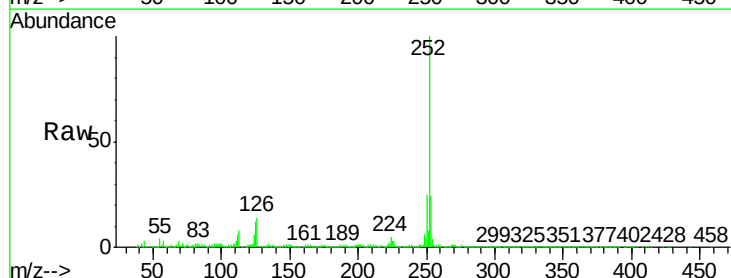
Tgt Ion:252 Resp: 1906430

Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.8

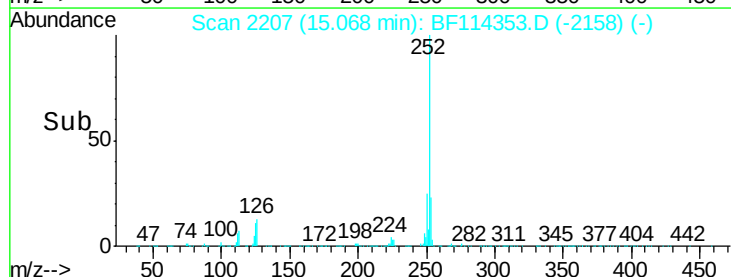
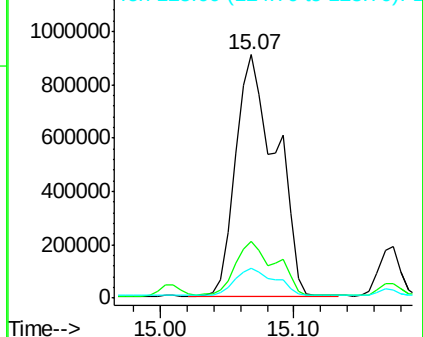
125 12.4 8.3 12.5

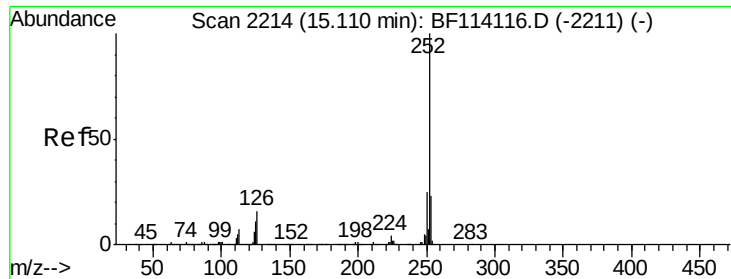


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

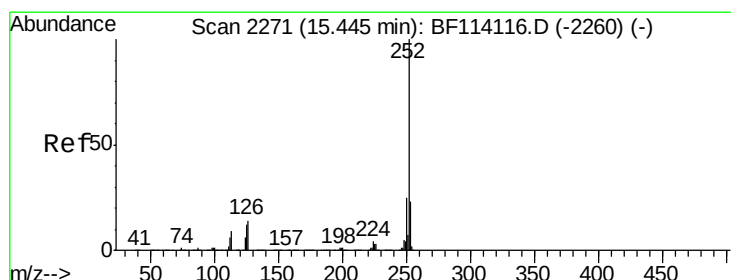
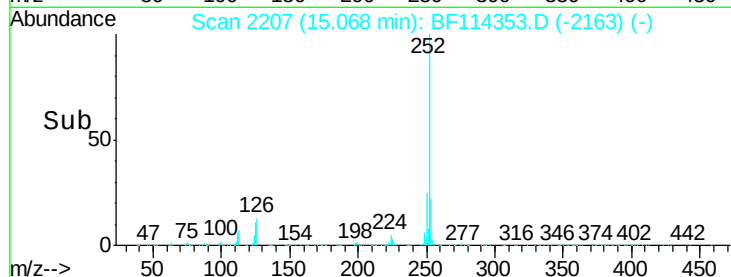
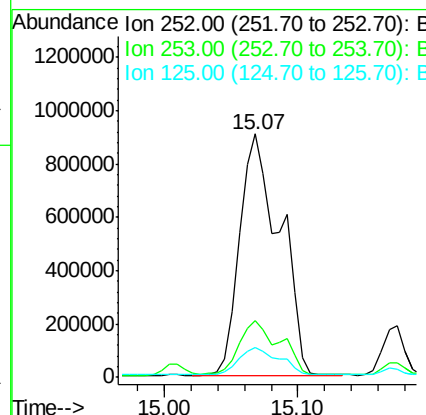
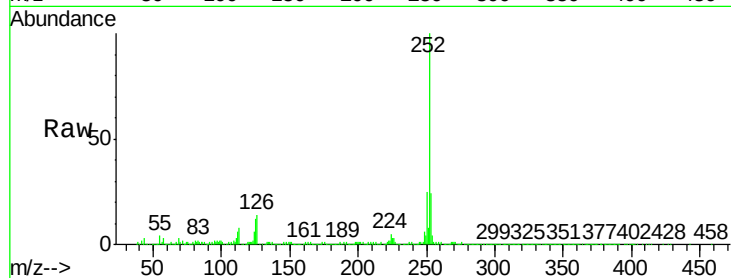




#89
Benzo(k)fluoranthene
Concen: 63.100 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.04 min
Lab File: BF114353.D
Acq: 17 May 2019 16:47

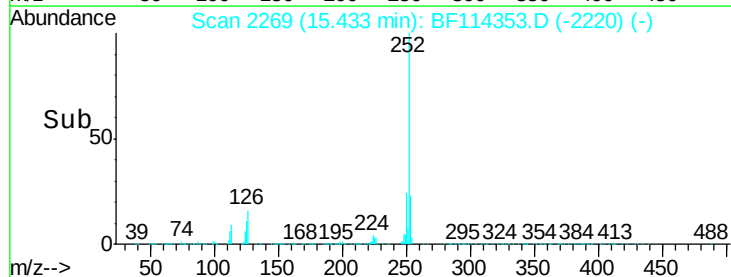
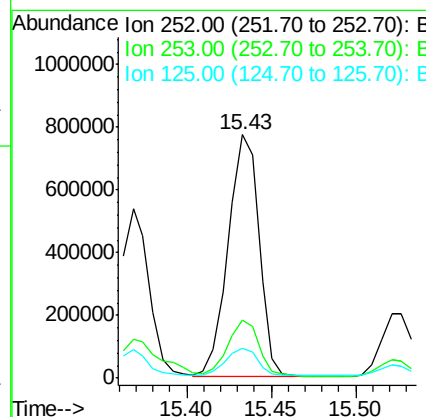
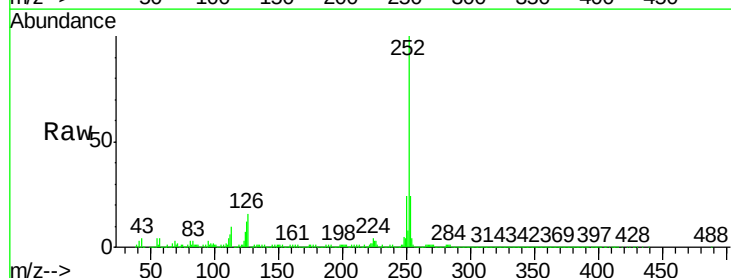
Instrument :
BNA_F
ClientSampleId :

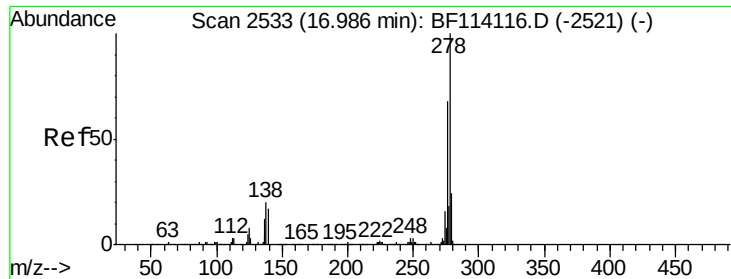
Tot Ion:252 Resp: 1906430
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.2
125 12.4 8.6 13.0



#90
Benzo(a)pyrene
Concen: 34.079 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF114353.D
Acq: 17 May 2019 16:47

Tgt Ion:252 Resp: 986451
Ion Ratio Lower Upper
252 100
253 23.9 18.1 27.1
125 12.4 9.5 14.3



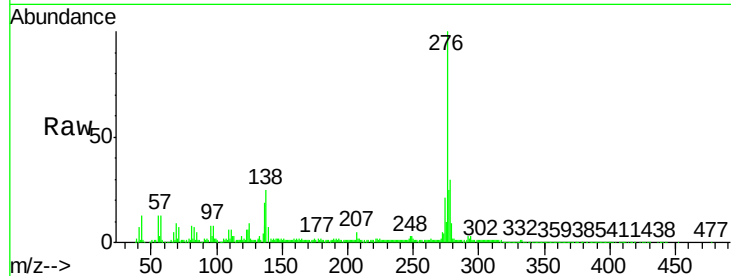


#91
Dibenzo(a,h)anthracene
Concen: 4.891 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF114353.D
Acq: 17 May 2019 16:47

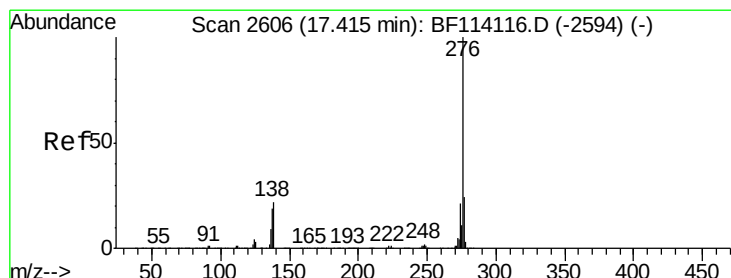
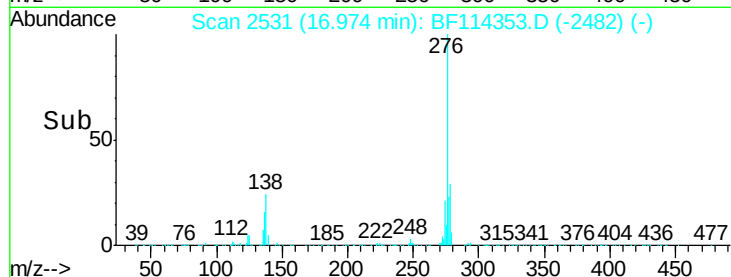
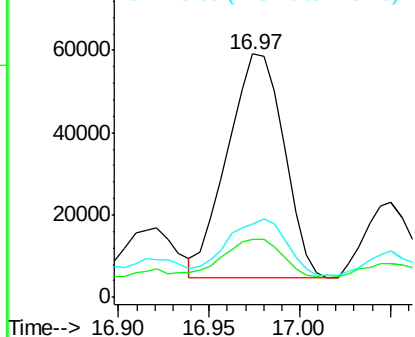
Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 117644

Ion	Ratio	Lower	Upper
278	100		
139	23.9	13.5	20.3#
279	30.3	19.0	28.6#



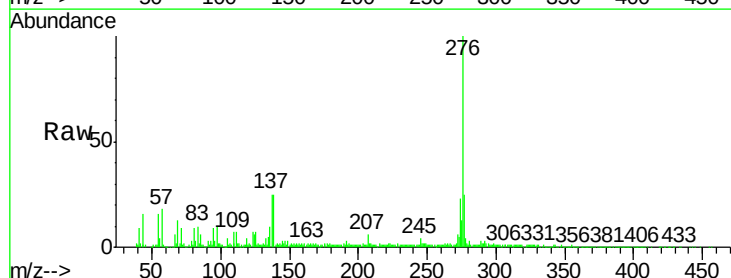
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 14.654 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.01 min
Lab File: BF114353.D
Acq: 17 May 2019 16:47

Tgt Ion:276 Resp: 353218

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.0	28.4
138	24.6	17.8	26.6



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

