

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
 Data File : BF113426.D
 Acq On : 29 Mar 2019 21:20
 Operator : JU/SJ
 Sample : K2153-25 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Quant Time: Mar 30 00:58:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	153995	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	603404	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	293658	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	606759	20.00	ng	0.00
76) Chrysene-d12	13.84	240	454851	20.00	ng	0.00
87) Perylene-d12	15.24	264	503103	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	447146	47.48	ng	0.00
7) Phenol-d6	6.35	99	617141	51.80	ng	-0.01
23) Nitrobenzene-d5	7.26	82	348457	34.28	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	171225	47.20	ng	-0.01
45) 2-Fluorobiphenyl	9.06	172	668948	22.80	ng	0.00
79) Terphenyl-d14	12.79	244	697534	33.80	ng	-0.01

Target Compounds

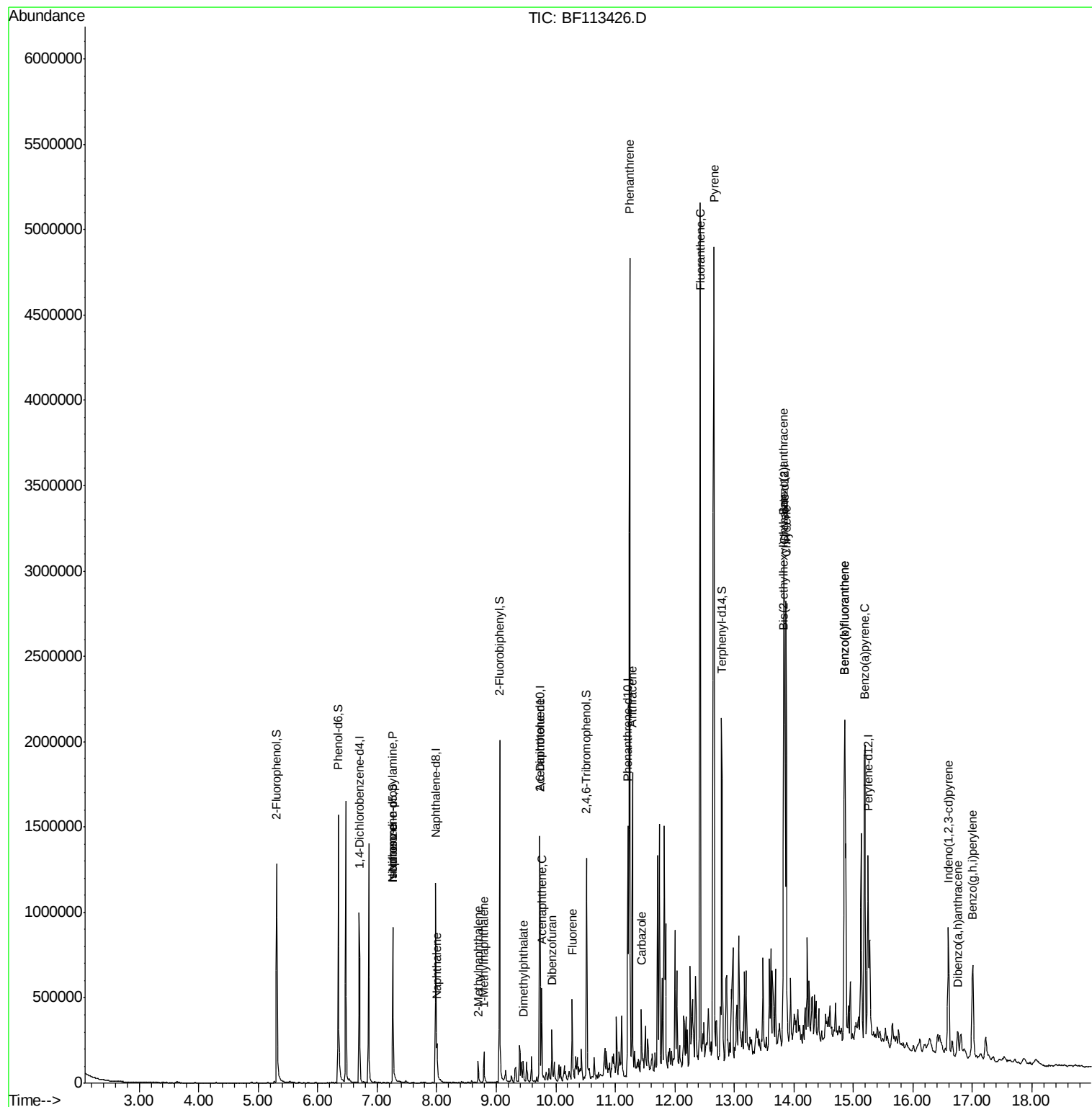
					Qvalue	
19) n-Nitroso-di-n-propylamine	7.26	70	42668	5.701 ng	#	75
20) 3+4-Methylphenols	7.17	107	552	Below Cal	#	64
25) Isophorone	7.26	82	348454	17.687 ng	#	64
31) Naphthalene	8.00	128	84884	2.879 ng		98
37) 2-Methylnaphthalene	8.70	142	42862	2.330 ng		97
38) 1-Methylnaphthalene	8.79	142	51776	2.926 ng		98
50) Dimethylphthalate	9.45	163	46897	2.155 ng		99
51) 2,6-Dinitrotoluene	9.73	165	41435	8.440 ng	#	27
52) Acenaphthene	9.76	154	112630	6.550 ng		100
55) Dibenzofuran	9.93	168	97192	3.760 ng	#	95
58) Fluorene	10.27	166	127331	6.341 ng		99
71) Phenanthrene	11.25	178	2218884	73.639 ng		99
72) Anthracene	11.29	178	623448	20.370 ng		100
73) Carbazole	11.44	167	149136	5.107 ng		98
75) Fluoranthene	12.43	202	2430647	71.356 ng		98
78) Pyrene	12.66	202	2421422	76.823 ng		98
81) Benzo(a)anthracene	13.83	228	1181771	45.389 ng		99
83) Chrysene	13.87	228	956690	36.175 ng		98
84) Bis(2-ethylhexyl)phthalate	13.82	149	41410	2.432 ng		99
86) Indeno(1,2,3-cd)pyrene	16.60	276	464201	20.453 ng		97
88) Benzo(b)fluoranthene	14.85	252	1464492	46.860 ng		97
89) Benzo(k)fluoranthene	14.85	252	1464492	53.360 ng	#	97
90) Benzo(a)pyrene	15.19	252	861489	31.093 ng		99
91) Dibenzo(a,h)anthracene	16.75	278	102702	4.287 ng		97
92) Benzo(g,h,i)perylene	17.00	276	442477	18.318 ng		97

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

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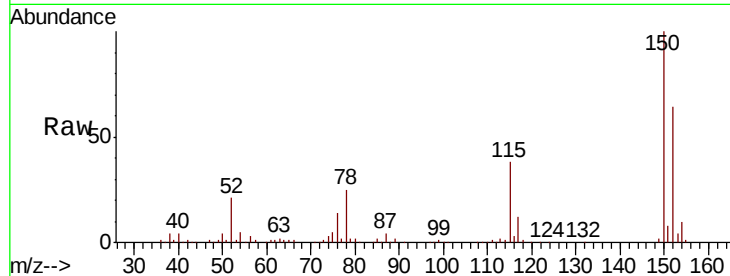


#1

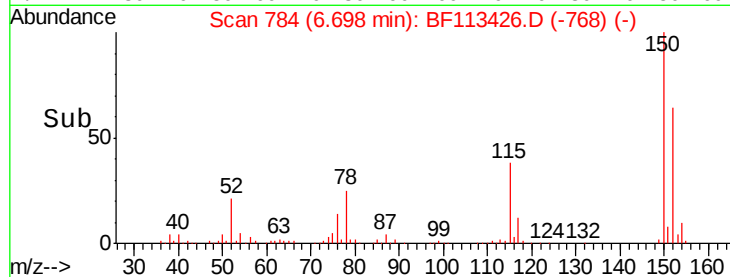
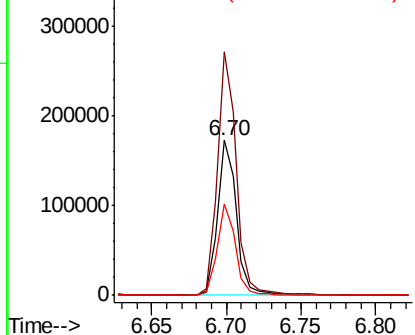
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF113426.D
 Acq: 29 Mar 2019 21:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Tgt Ion:152 Resp: 153995
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.7 187.1
 115 59.2 46.0 69.0



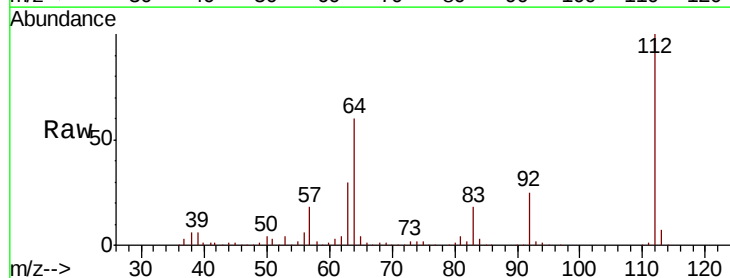
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



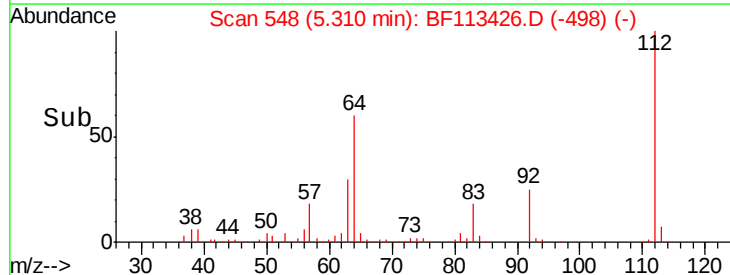
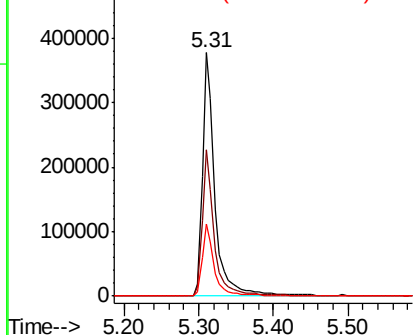
#5

2-Fluorophenol
 Concen: 47.478 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF113426.D
 Acq: 29 Mar 2019 21:20

Tgt Ion:112 Resp: 447146
 Ion Ratio Lower Upper
 112 100
 64 60.0 49.2 73.8
 63 29.7 24.9 37.3



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: 51.799 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113426.D

Acq: 29 Mar 2019 21:20

Instrument :

BNA_F

ClientSampleId :

SP-2

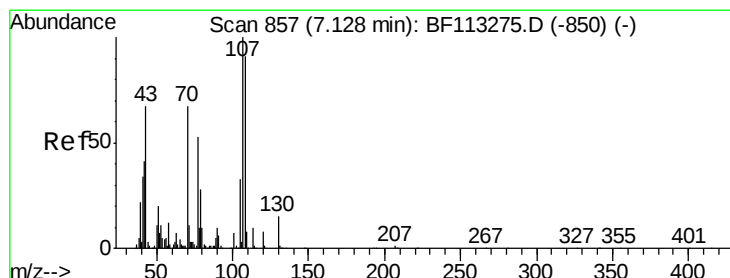
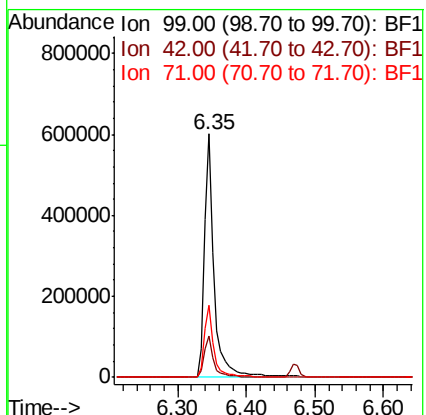
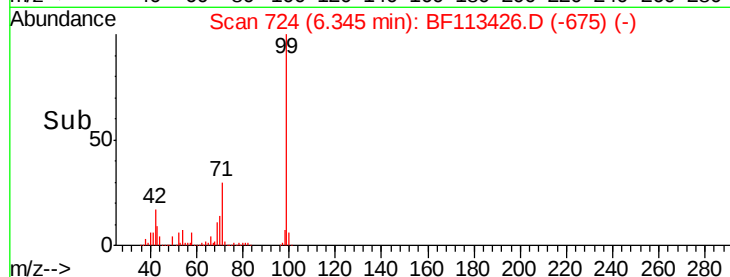
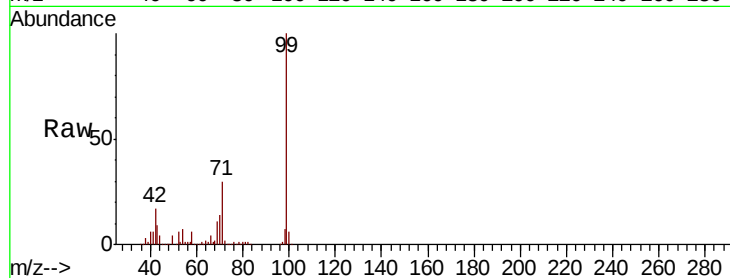
Tgt Ion: 99 Resp: 617141

Ion Ratio Lower Upper

99 100

42 16.8 14.8 22.2

71 29.8 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 5.701 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.14 min

Lab File: BF113426.D

Acq: 29 Mar 2019 21:20

Tgt Ion: 70 Resp: 42668

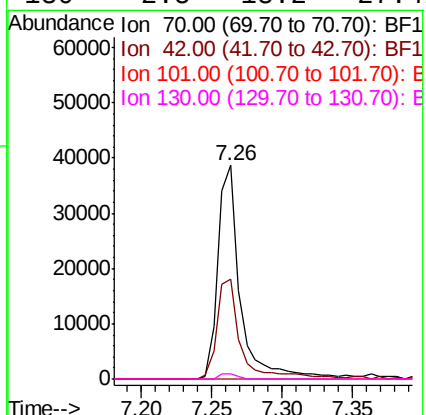
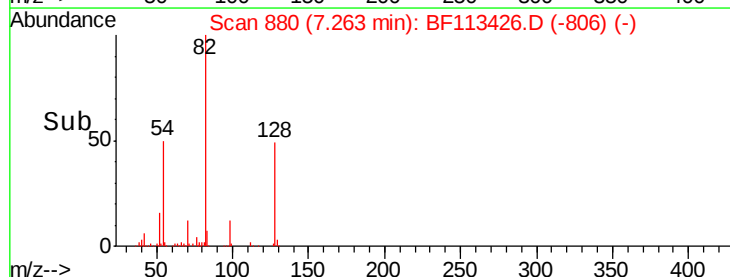
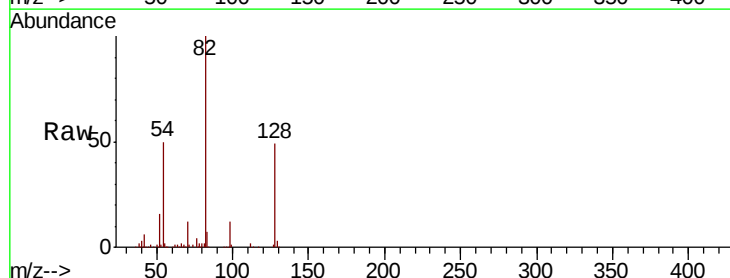
Ion Ratio Lower Upper

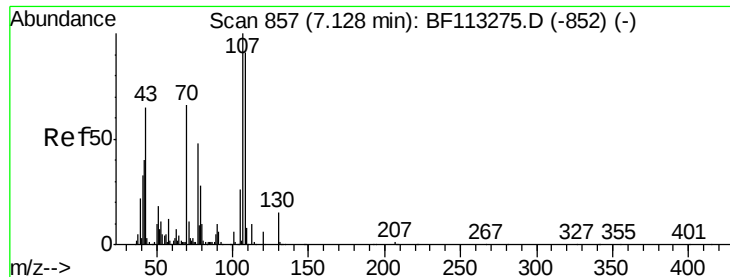
70 100

42 47.0 48.4 72.6#

101 0.0 7.8 11.8#

130 2.5 18.2 27.4#





#20

3+4-Methylphenols

Concen: Below Cal

RT: 7.17 min Scan# 864

Delta R.T. 0.04 min

Lab File: BF113426.D

Acq: 29 Mar 2019 21:20

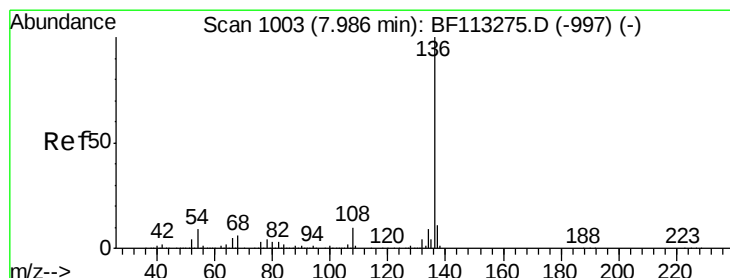
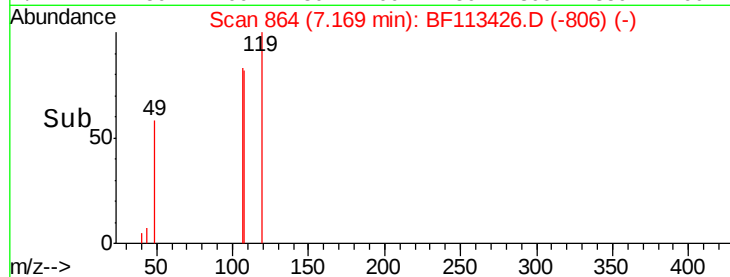
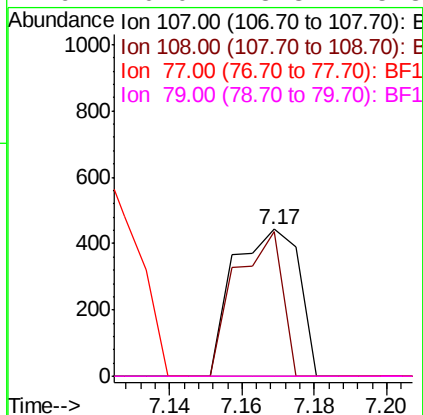
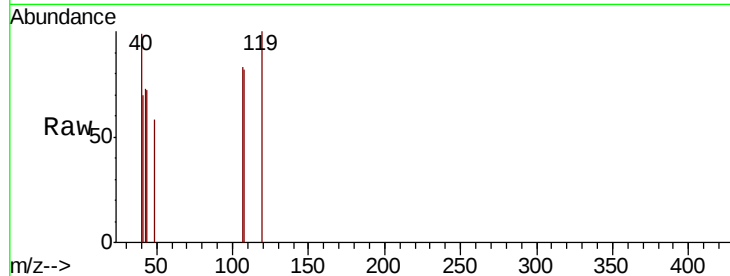
Instrument :

BNA_F

ClientSampleId :

SP-2

Tgt Ion:	107	Resp:	552
Ion	Ratio	Lower	Upper
107	100		
108	98.6	71.4	111.4
77	0.0	33.5	73.5#
79	0.0	8.3	48.3#



#21

Naphthalene-d8

Concen: 20.000 ng

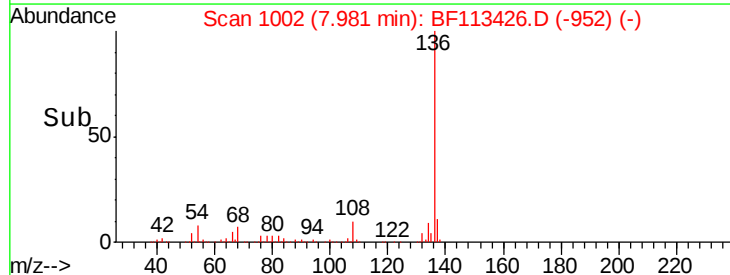
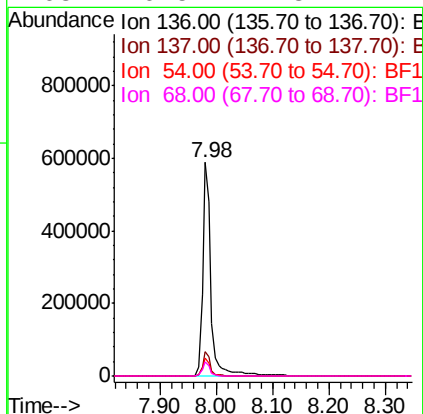
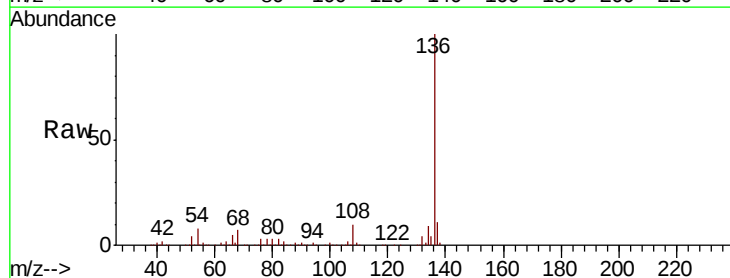
RT: 7.98 min Scan# 1002

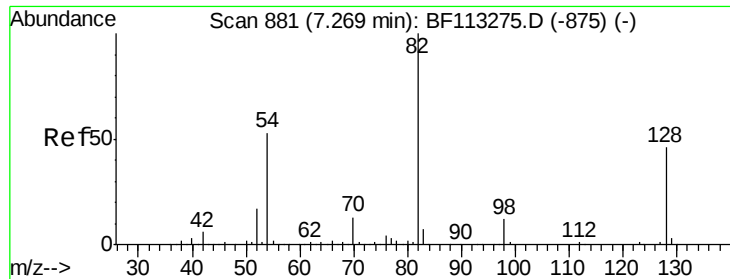
Delta R.T. -0.01 min

Lab File: BF113426.D

Acq: 29 Mar 2019 21:20

Tgt Ion:	136	Resp:	603404
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.5	7.0	10.6
68	6.5	4.8	7.2

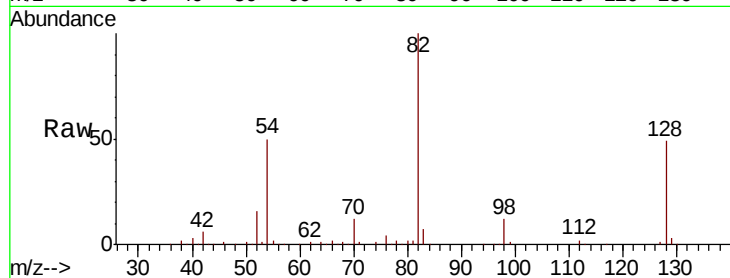




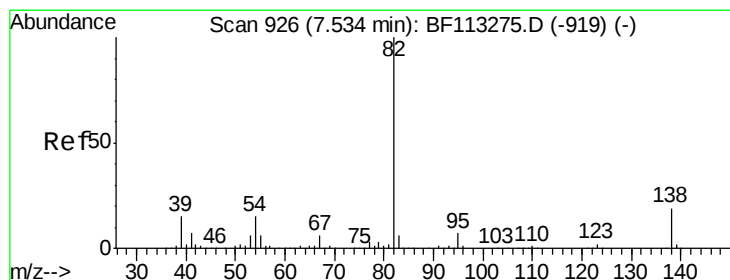
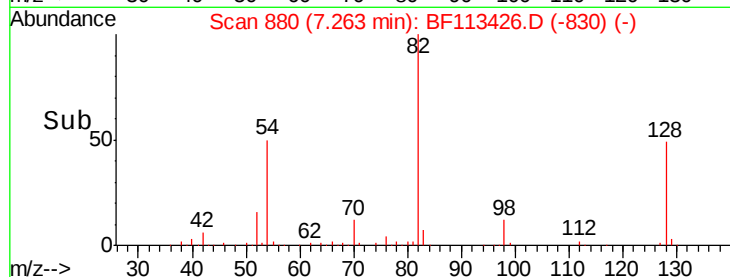
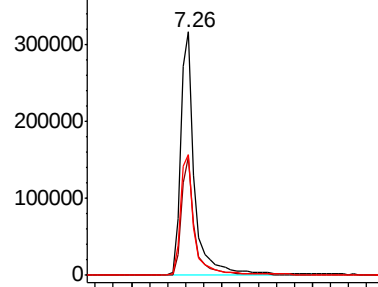
#23
 Nitrobenzene-d5
 Concen: 34.276 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF113426.D
 Acq: 29 Mar 2019 21:20

Instrument :
 BNA_F
 ClientSampled :
 SP-2

Tgt Ion: 82 Resp: 348457
 Ion Ratio Lower Upper
 82 100
 128 48.7 36.5 54.7
 54 49.7 42.2 63.2

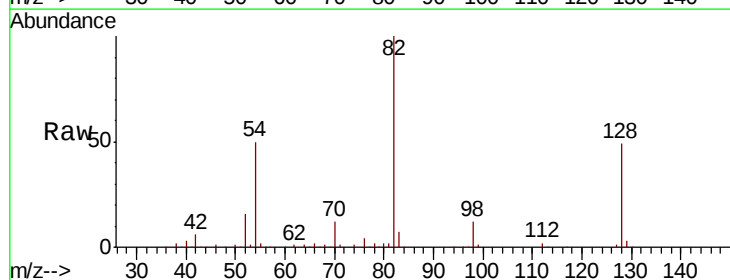


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

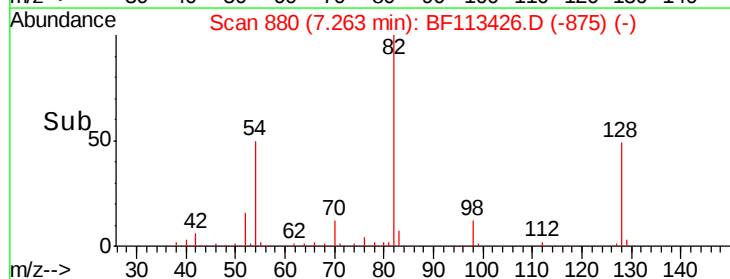
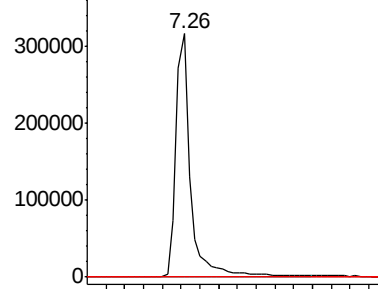


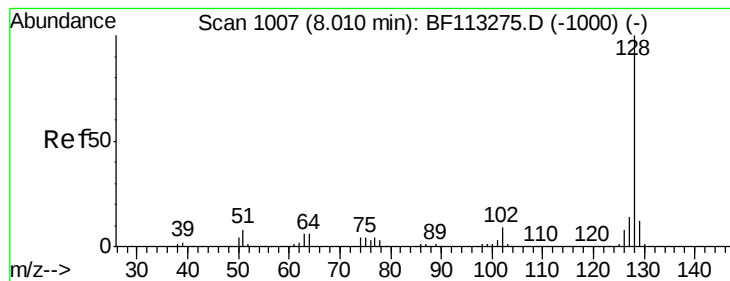
#25
 Isophorone
 Concen: 17.687 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.27 min
 Lab File: BF113426.D
 Acq: 29 Mar 2019 21:20

Tgt Ion: 82 Resp: 348454
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.5 8.3#
 138 0.0 15.2 22.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1





#31

Naphthalene

Concen: 2.879 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113426.D

Acq: 29 Mar 2019 21:20

Instrument :

BNA_F

ClientSampleId :

SP-2

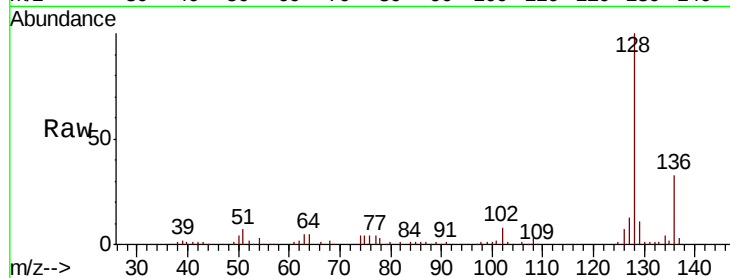
Tgt Ion:128 Resp: 84884

Ion Ratio Lower Upper

128 100

129 10.5 9.3 13.9

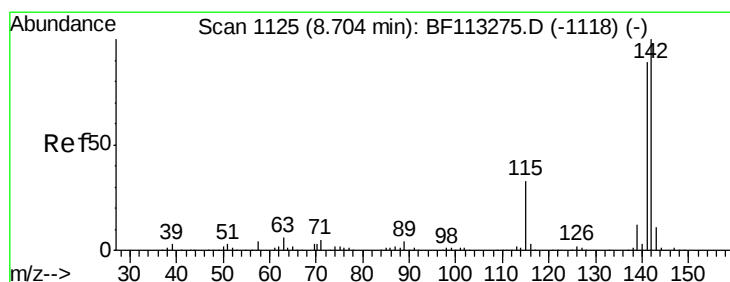
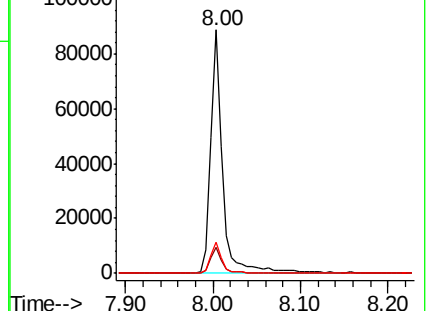
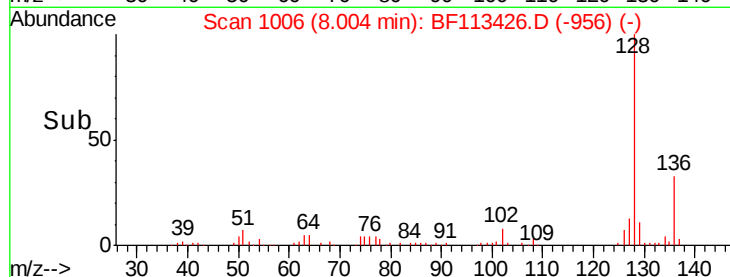
127 12.9 10.9 16.3



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



#37

2-Methylnaphthalene

Concen: 2.330 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF113426.D

Acq: 29 Mar 2019 21:20

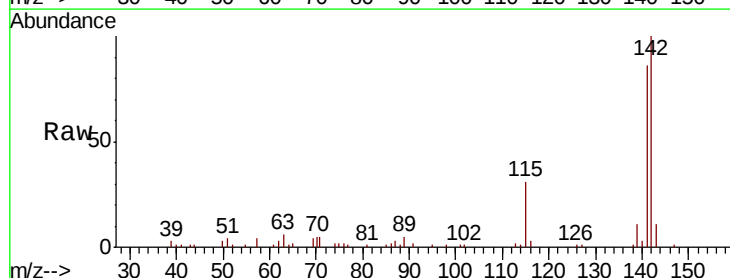
Tgt Ion:142 Resp: 42862

Ion Ratio Lower Upper

142 100

141 86.4 71.0 106.6

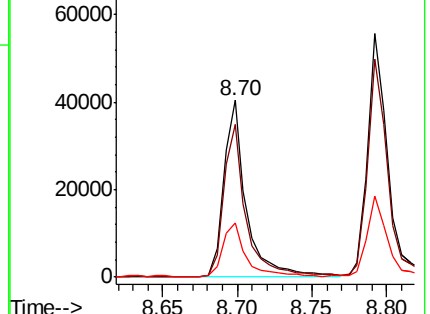
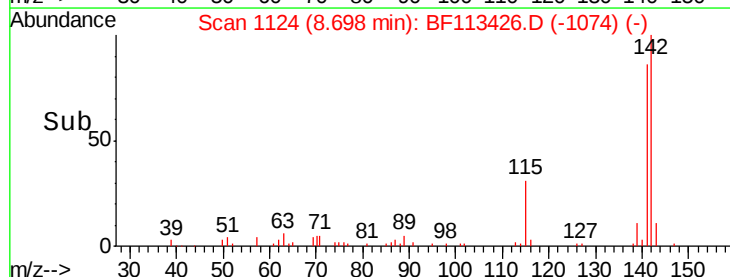
115 30.5 26.6 39.8

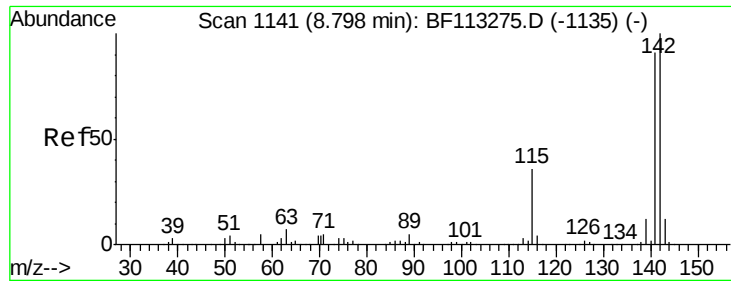


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

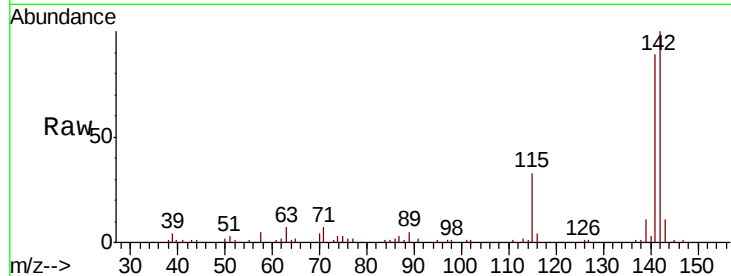




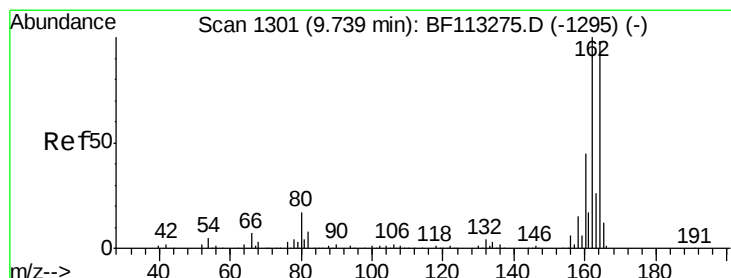
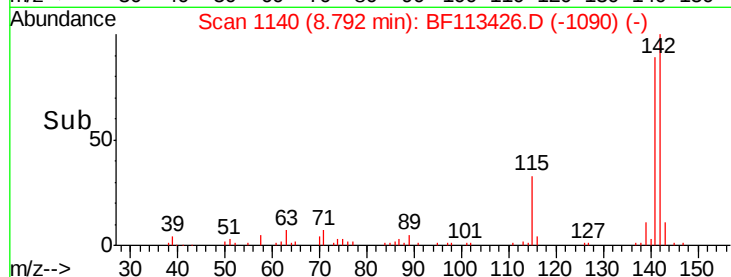
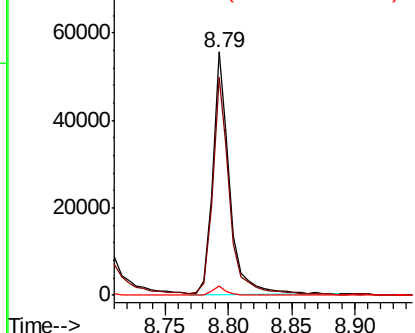
#38
 1-Methylnaphthalene
 Concen: 2.926 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF113426.D
 Acq: 29 Mar 2019 21:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Tgt Ion:142 Resp: 51776
 Ion Ratio Lower Upper
 142 100
 141 89.5 73.2 109.8
 116 3.8 3.0 4.4

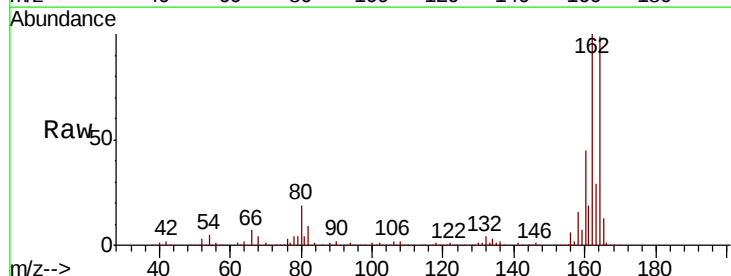


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E

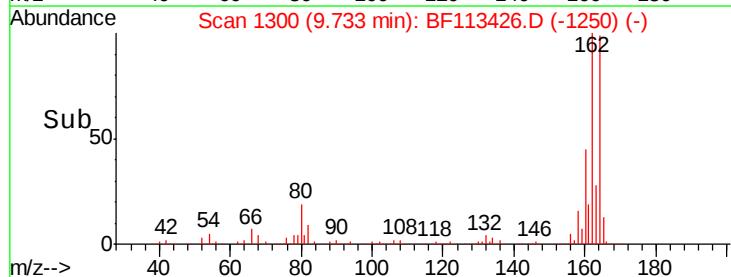
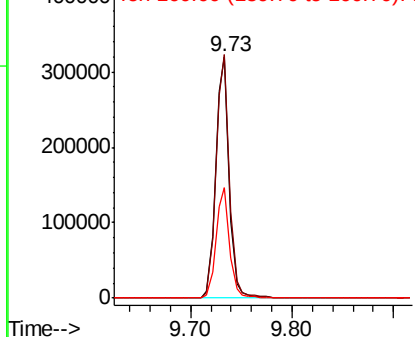


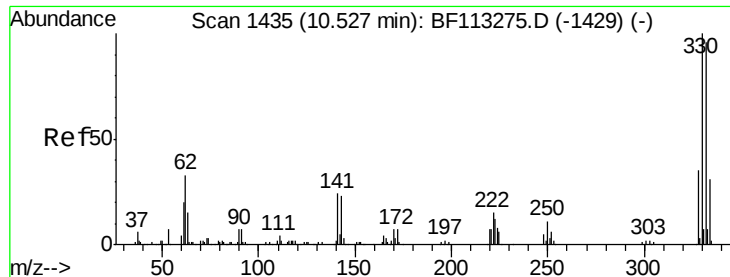
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113426.D
 Acq: 29 Mar 2019 21:20

Tgt Ion:164 Resp: 293658
 Ion Ratio Lower Upper
 164 100
 162 100.9 81.8 122.6
 160 45.7 36.4 54.6



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

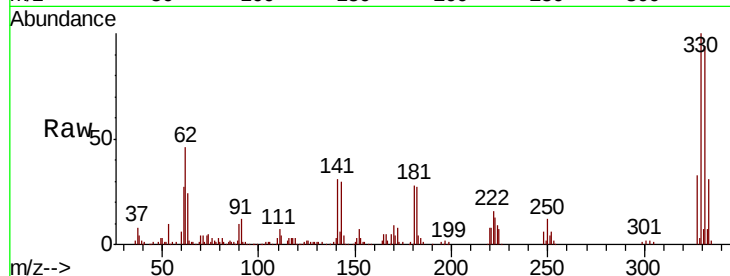




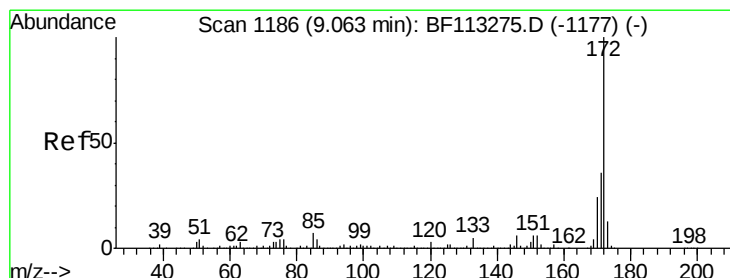
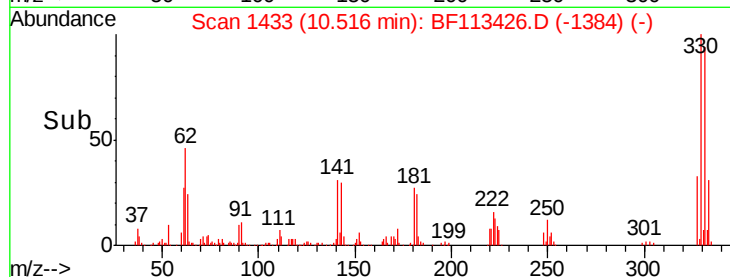
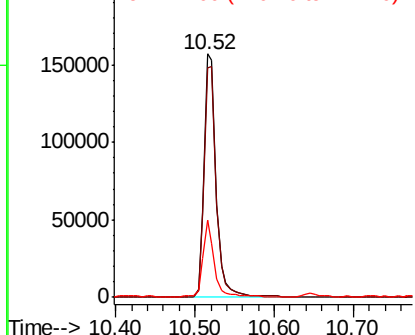
#42
 2,4,6-Tribromophenol
 Concen: 47.204 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF113426.D
 Acq: 29 Mar 2019 21:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Tgt Ion: 330 Resp: 171225
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.8 116.6
 141 28.5 22.7 34.1

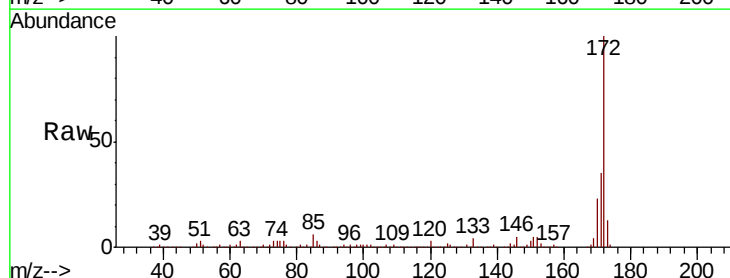


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

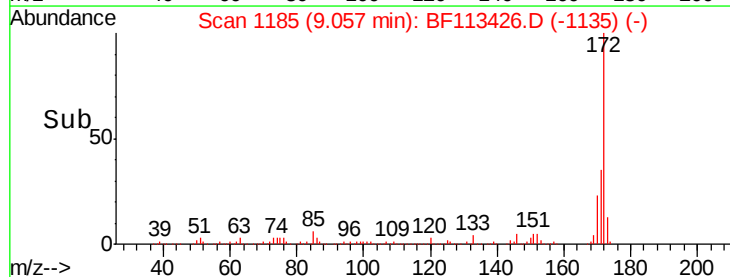
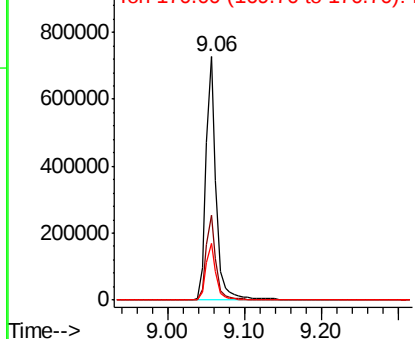


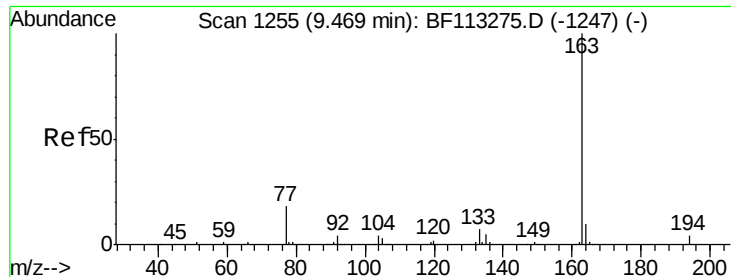
#45
 2-Fluorobiphenyl
 Concen: 22.798 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF113426.D
 Acq: 29 Mar 2019 21:20

Tgt Ion: 172 Resp: 668948
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.0 43.6
 170 23.4 19.5 29.3



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

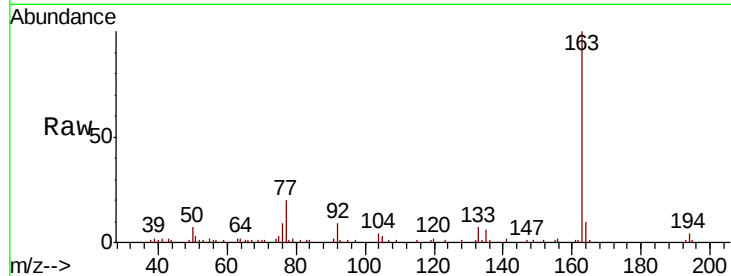




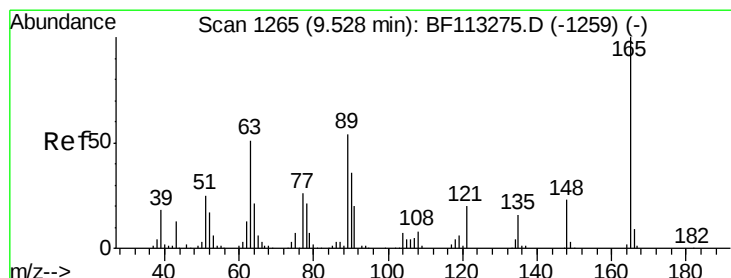
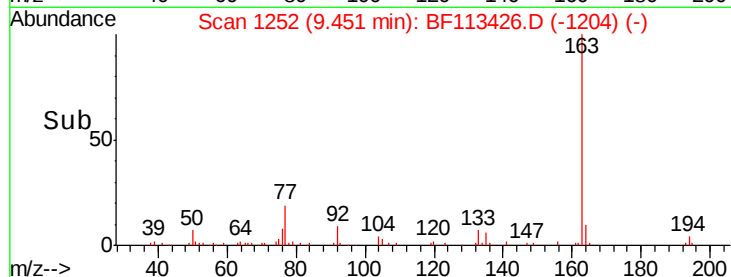
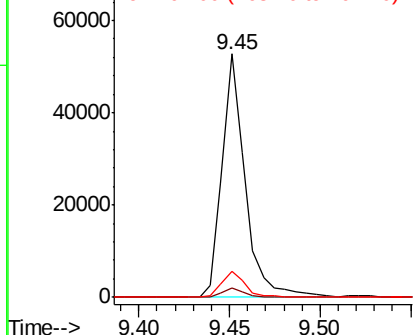
#50
Dimethylphthalate
Concen: 2.155 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF113426.D
Acq: 29 Mar 2019 21:20

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:163 Resp: 46897
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.4 8.1 12.1

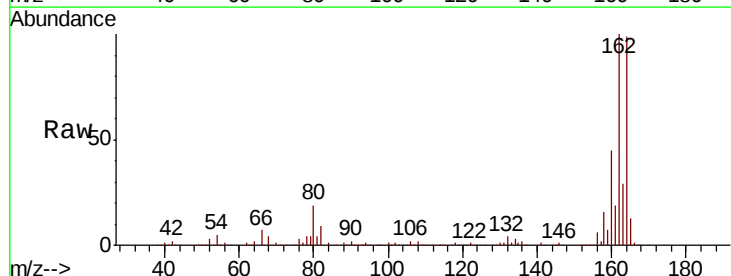


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

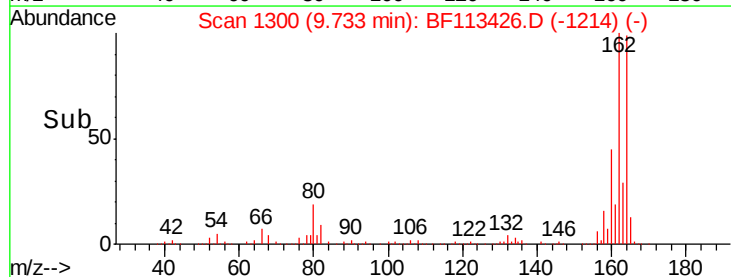
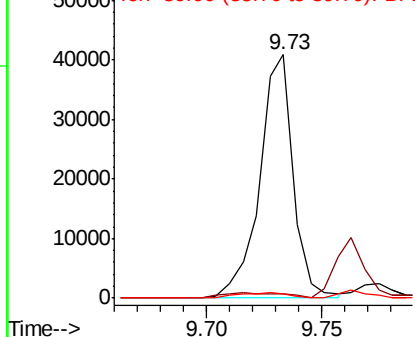


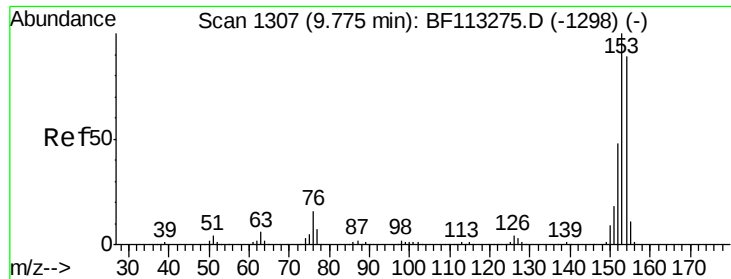
#51
2,6-Dinitrotoluene
Concen: 8.440 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.21 min
Lab File: BF113426.D
Acq: 29 Mar 2019 21:20

Tgt Ion:165 Resp: 41435
Ion Ratio Lower Upper
165 100
63 1.7 43.4 65.0#
89 1.6 43.1 64.7#



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





#52

Acenaphthene

Concen: 6.550 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF113426.D

Acq: 29 Mar 2019 21:20

Instrument :

BNA_F

ClientSampleId :

SP-2

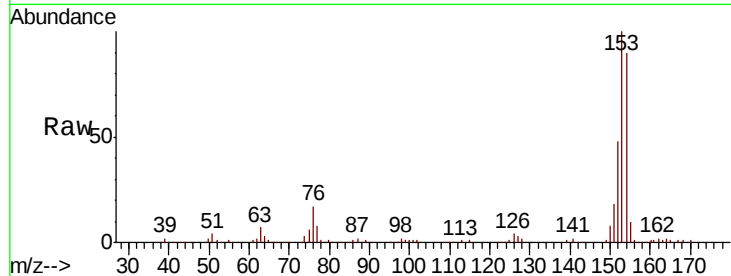
Tgt Ion:154 Resp: 112630

Ion Ratio Lower Upper

154 100

153 111.5 89.5 134.3

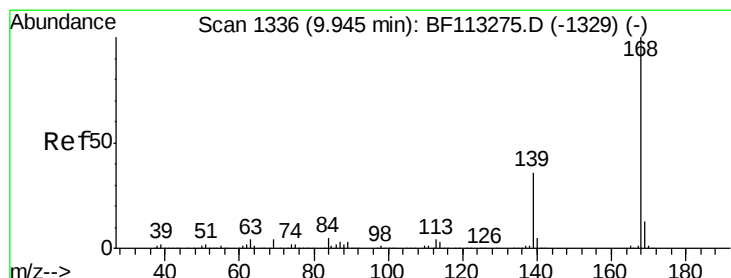
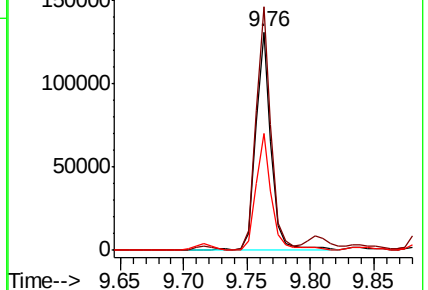
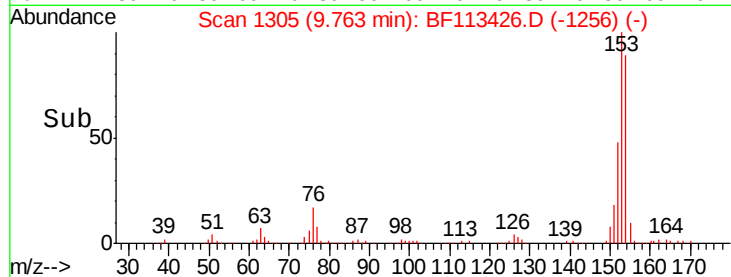
152 53.8 43.3 64.9



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



#55

Dibenzofuran

Concen: 3.760 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF113426.D

Acq: 29 Mar 2019 21:20

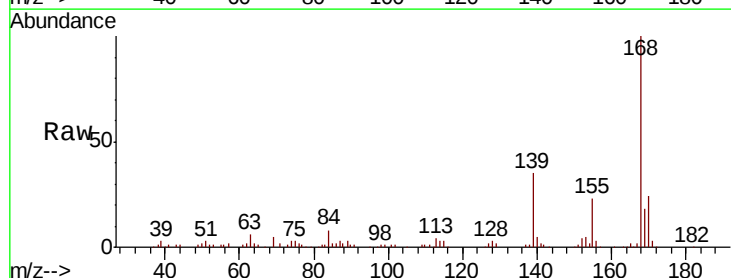
Tgt Ion:168 Resp: 97192

Ion Ratio Lower Upper

168 100

139 35.2 29.7 44.5

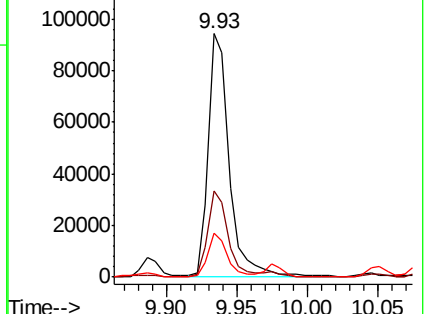
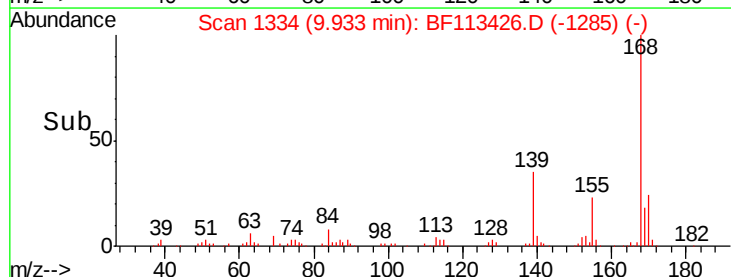
169 17.8 10.7 16.1#

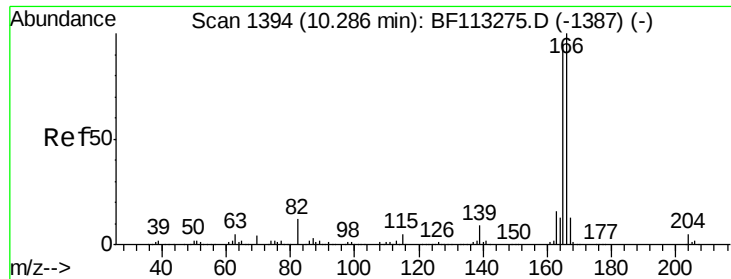


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#58

Fluorene

Concen: 6.341 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF113426.D

Acq: 29 Mar 2019 21:20

Instrument :

BNA_F

ClientSampleId :

SP-2

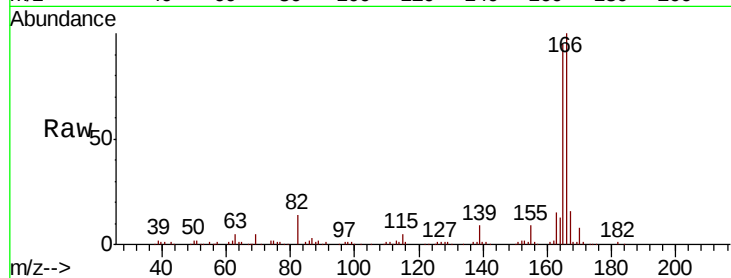
Tgt Ion:166 Resp: 127331

Ion Ratio Lower Upper

166 100

165 94.6 76.2 114.2

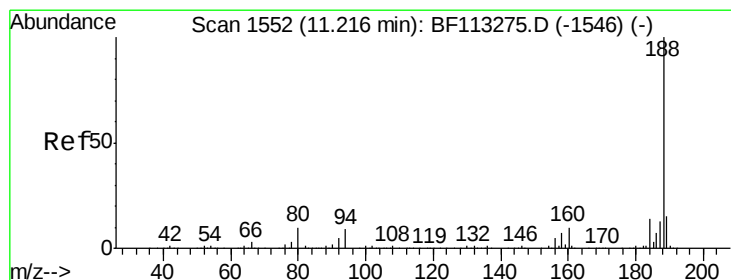
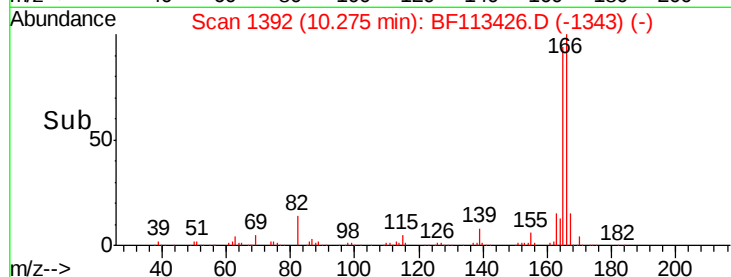
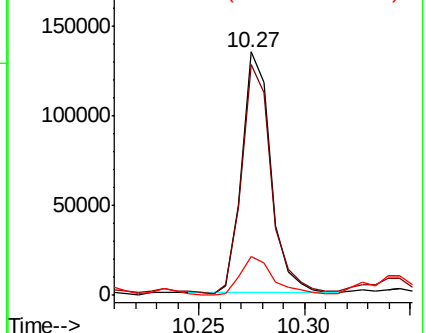
167 15.7 10.7 16.1



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BF113426.D

Acq: 29 Mar 2019 21:20

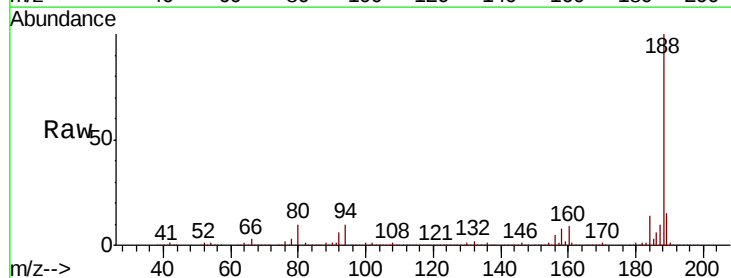
Tgt Ion:188 Resp: 606759

Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.6

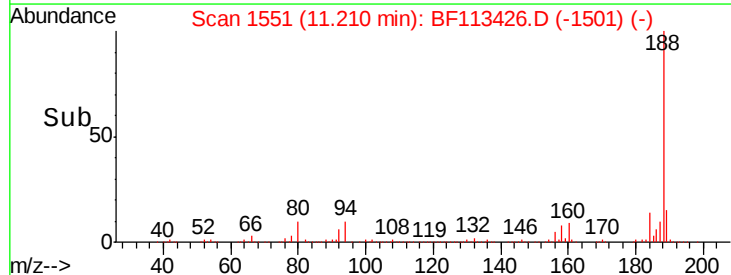
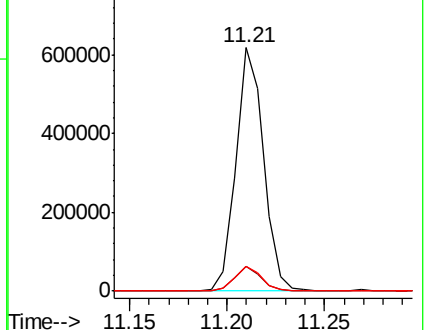
80 10.4 7.7 11.5

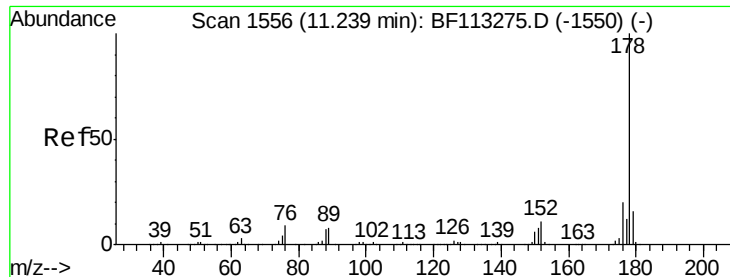


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

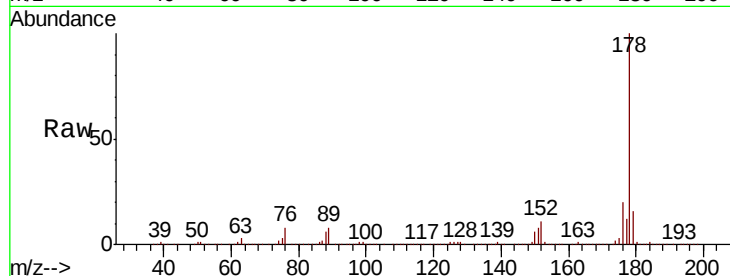




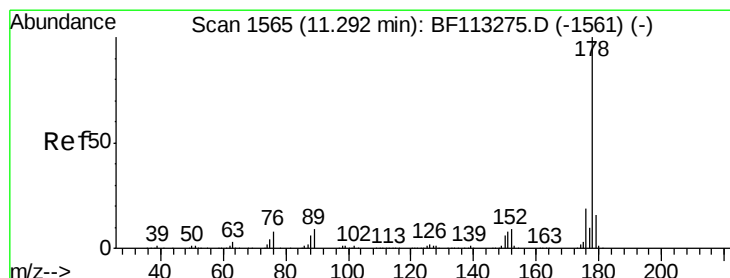
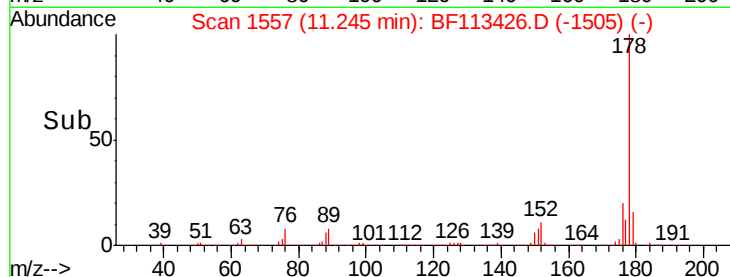
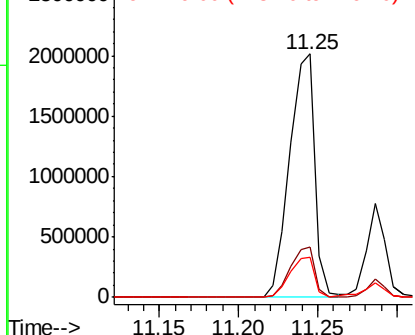
#71
Phenanthrene
Concen: 73.639 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF113426.D
Acq: 29 Mar 2019 21:20

Instrument :
BNA_F
ClientSampled :
SP-2

Tgt Ion:178 Resp: 2218884
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.2
179 16.3 12.7 19.1

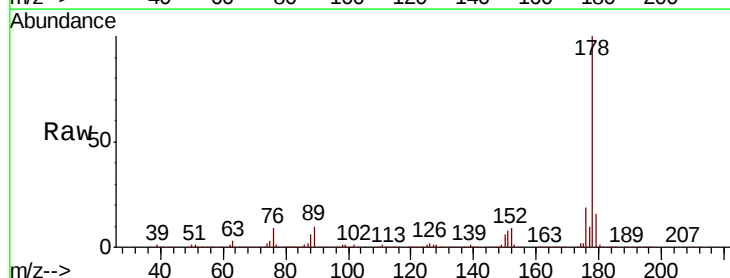


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

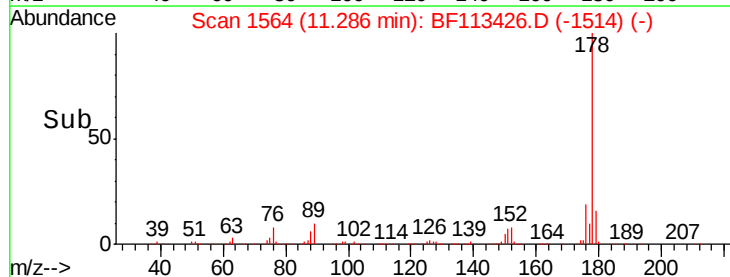
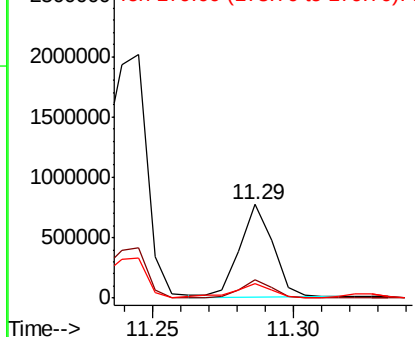


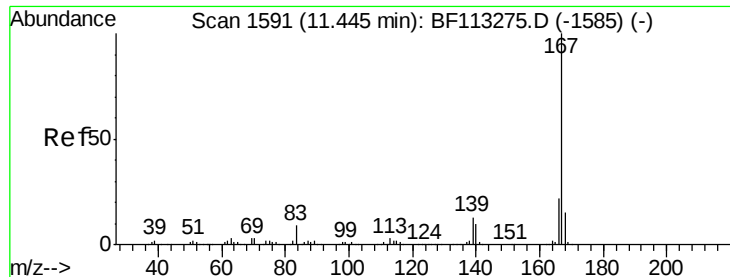
#72
Anthracene
Concen: 20.370 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF113426.D
Acq: 29 Mar 2019 21:20

Tgt Ion:178 Resp: 623448
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 16.1 12.8 19.2



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: 5.107 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF113426.D

Acq: 29 Mar 2019 21:20

Instrument :

BNA_F

ClientSampleId :

SP-2

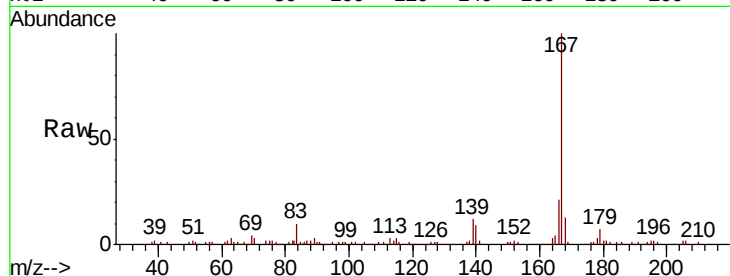
Tgt Ion:167 Resp: 149136

Ion Ratio Lower Upper

167 100

166 20.9 17.4 26.0

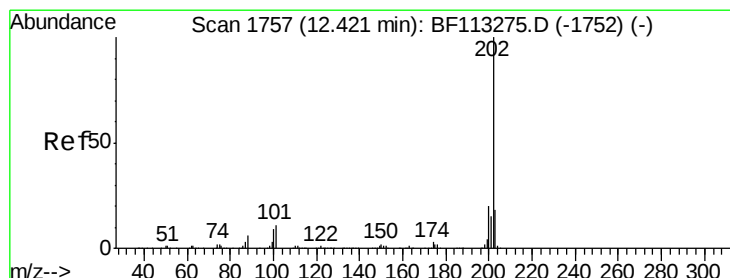
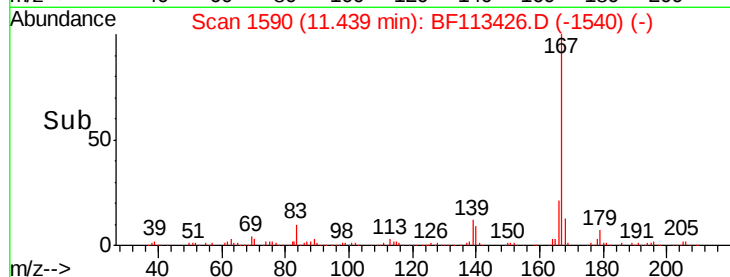
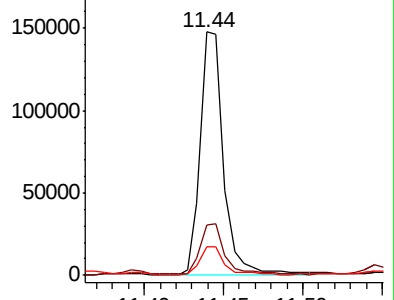
139 11.9 10.4 15.6



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: 71.356 ng

RT: 12.43 min Scan# 1758

Delta R.T. 0.01 min

Lab File: BF113426.D

Acq: 29 Mar 2019 21:20

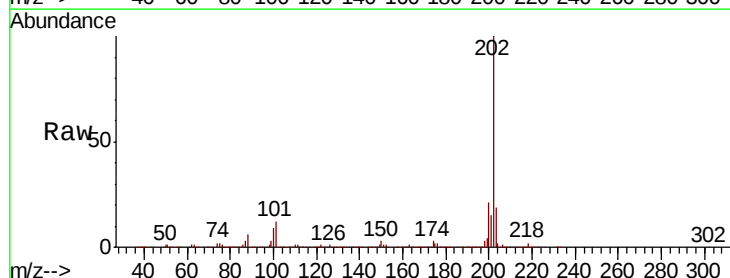
Tgt Ion:202 Resp: 2430647

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.4

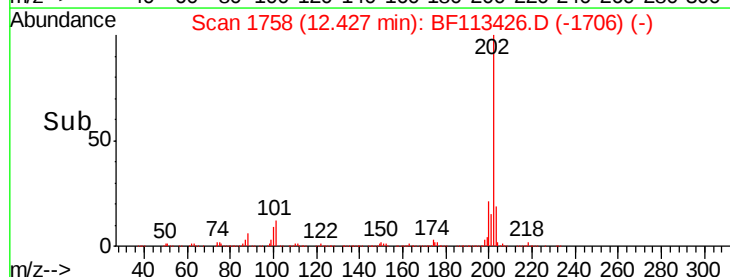
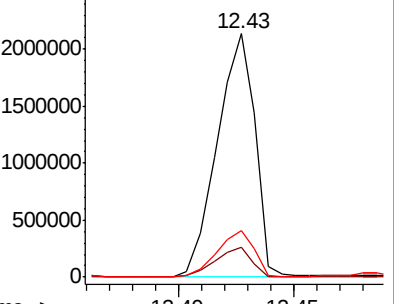
203 18.9 0.0 38.0

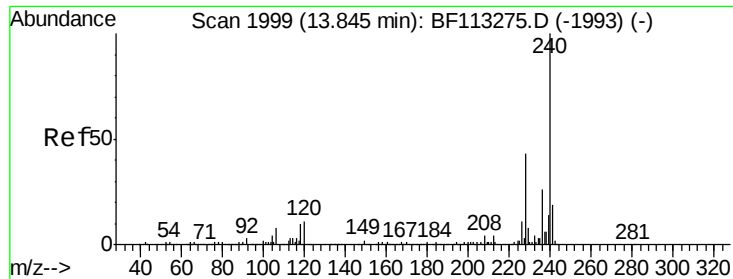


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

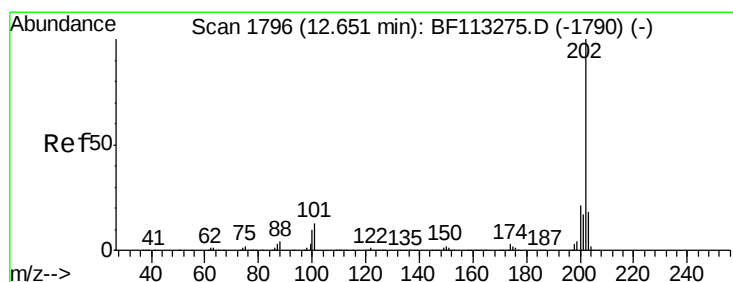
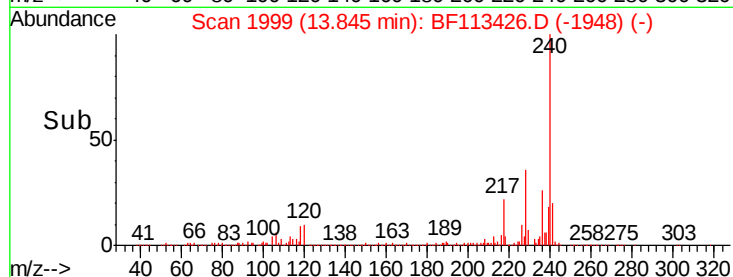
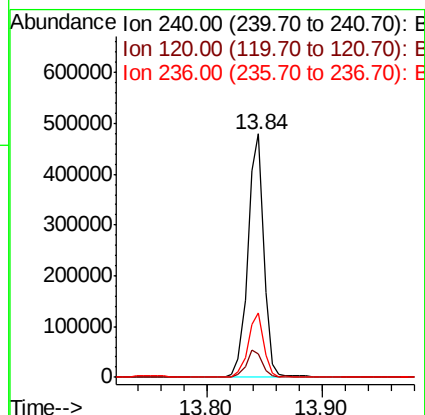
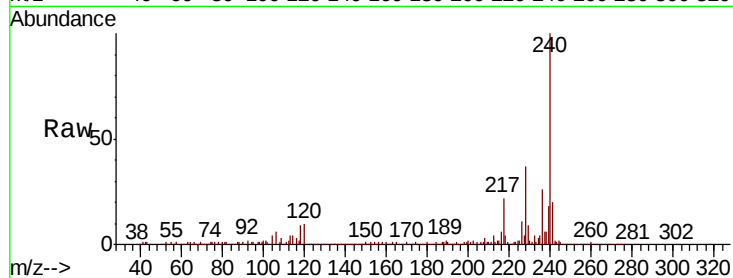




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF113426.D
Acq: 29 Mar 2019 21:20

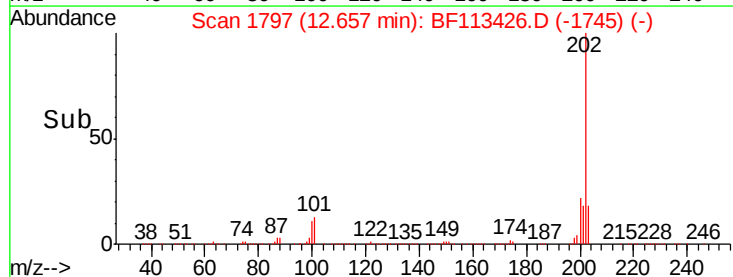
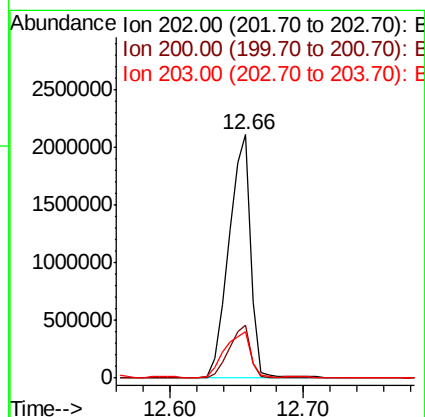
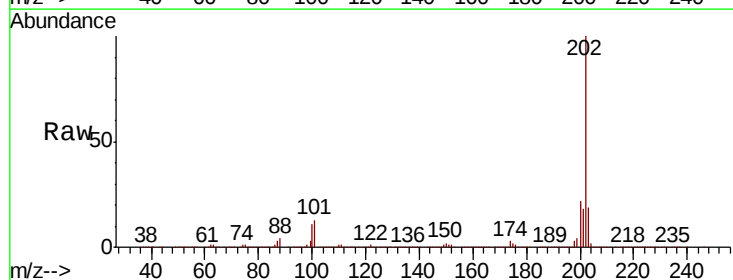
Instrument :
BNA_F
ClientSampleId :
SP-2

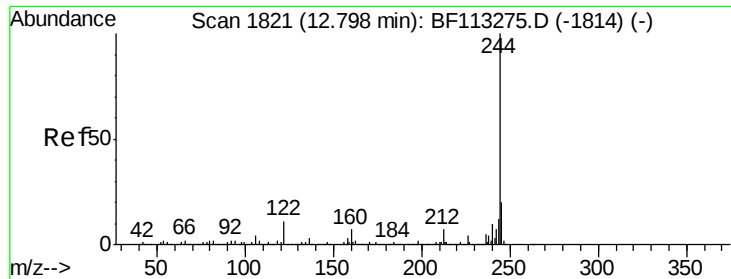
Tgt Ion:240 Resp: 454851
Ion Ratio Lower Upper
240 100
120 9.7 8.8 13.2
236 26.4 20.9 31.3



#78
Pyrene
Concen: 76.823 ng
RT: 12.66 min Scan# 1797
Delta R.T. 0.01 min
Lab File: BF113426.D
Acq: 29 Mar 2019 21:20

Tgt Ion:202 Resp: 2421422
Ion Ratio Lower Upper
202 100
200 21.7 16.8 25.2
203 18.9 14.4 21.6

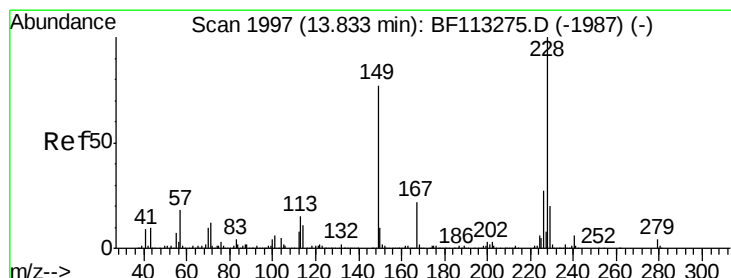
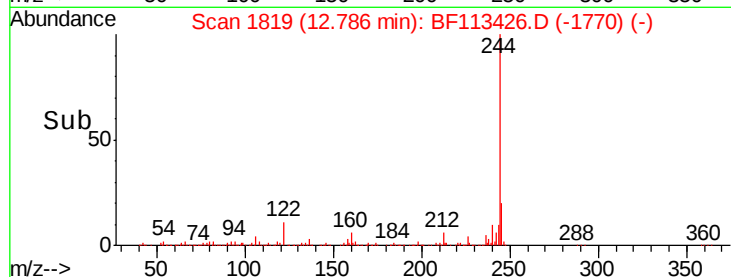
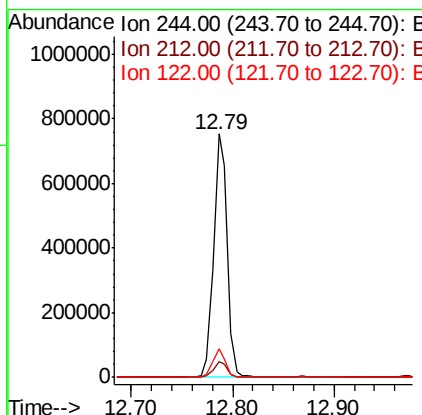
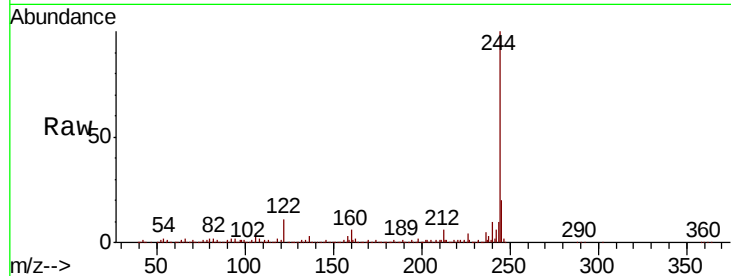




#79
 Terphenyl-d14
 Concen: 33.802 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BF113426.D
 Acq: 29 Mar 2019 21:20

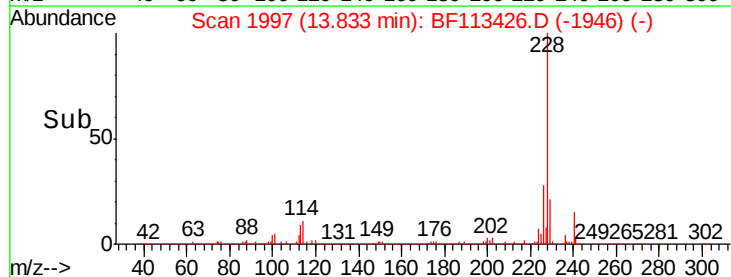
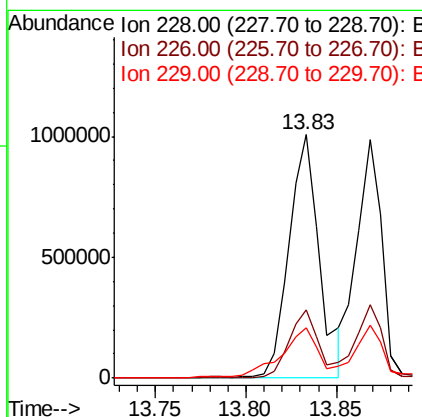
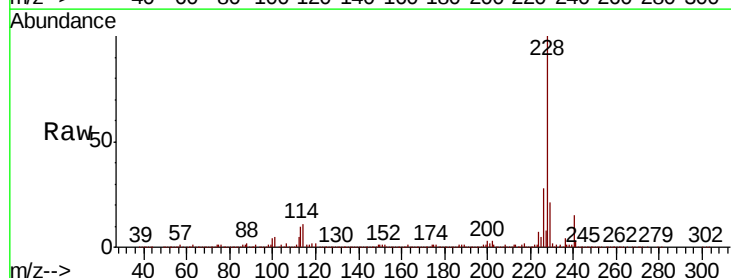
Instrument :
 BNA_F
 ClientSampled :
 SP-2

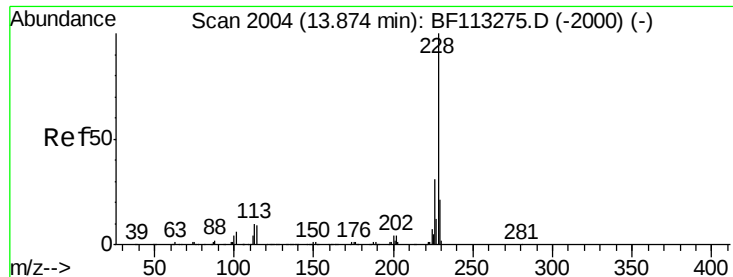
Tgt Ion:244 Resp: 697534
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.5 8.3
 122 11.5 8.6 13.0



#81
 Benzo(a)anthracene
 Concen: 45.389 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF113426.D
 Acq: 29 Mar 2019 21:20

Tgt Ion:228 Resp: 1181771
 Ion Ratio Lower Upper
 228 100
 226 28.0 21.8 32.8
 229 20.9 16.2 24.4





#83

Chrysene

Concen: 36.175 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF113426.D

Acq: 29 Mar 2019 21:20

Instrument :

BNA_F

ClientSampled :

SP-2

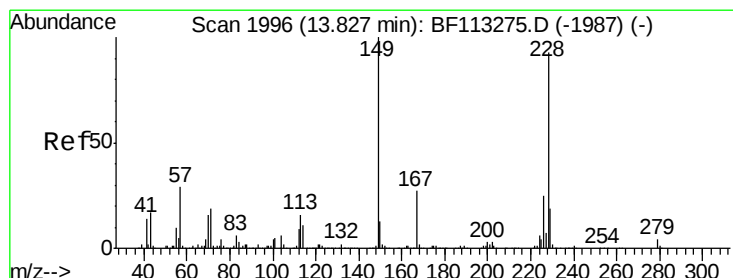
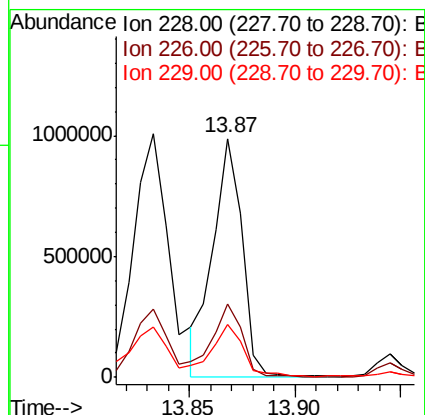
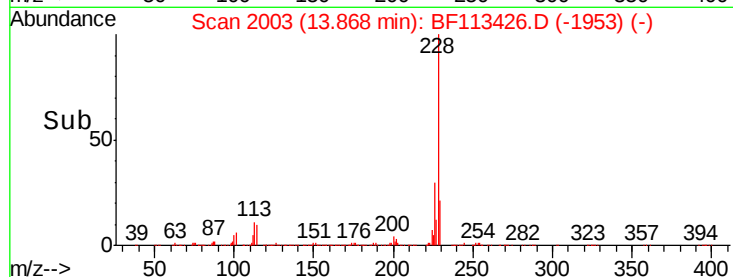
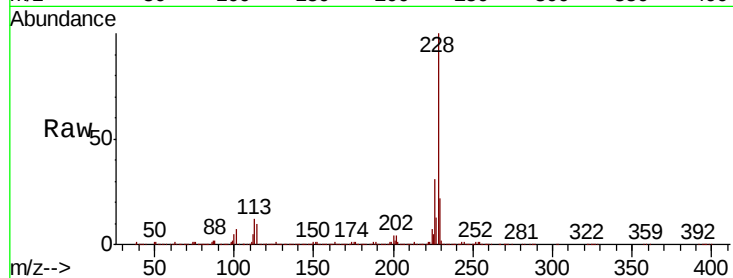
Tgt Ion:228 Resp: 956690

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

229 22.0 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.432 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF113426.D

Acq: 29 Mar 2019 21:20

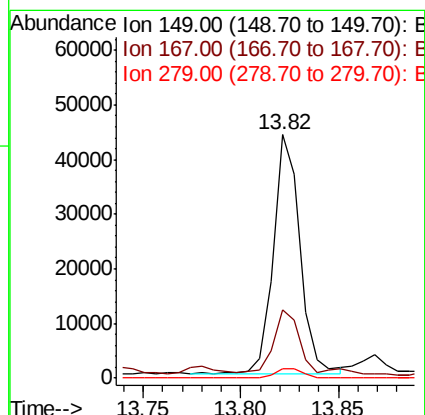
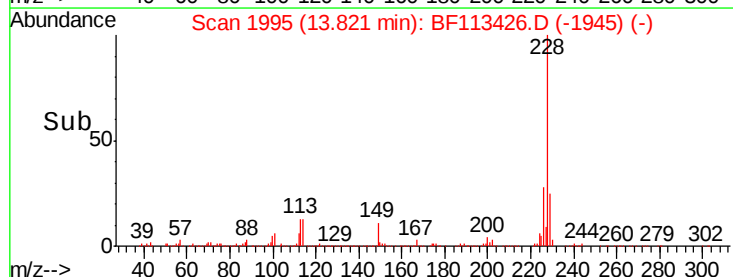
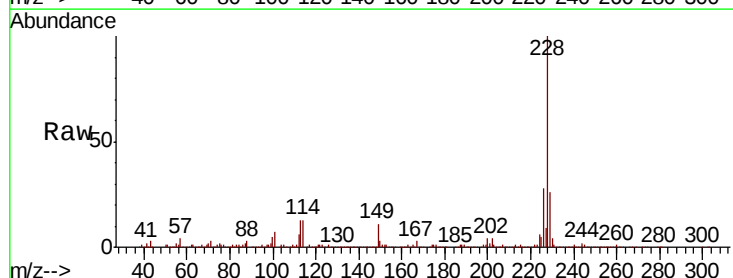
Tgt Ion:149 Resp: 41410

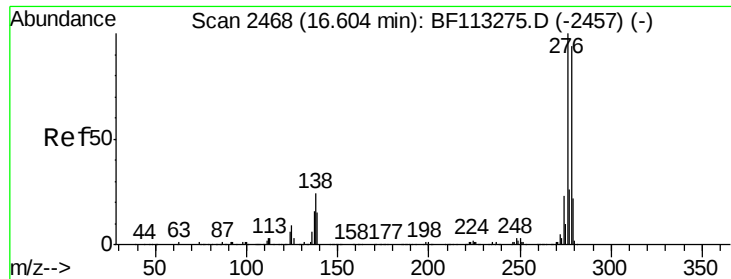
Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.8

279 3.8 2.9 4.3

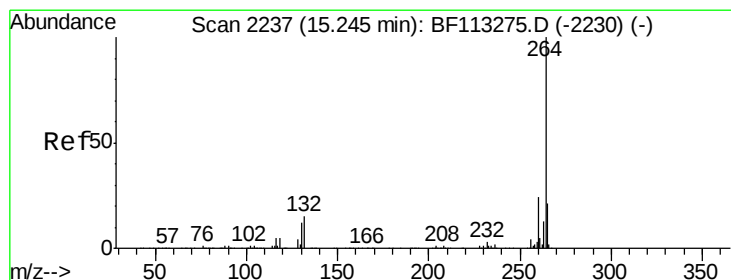
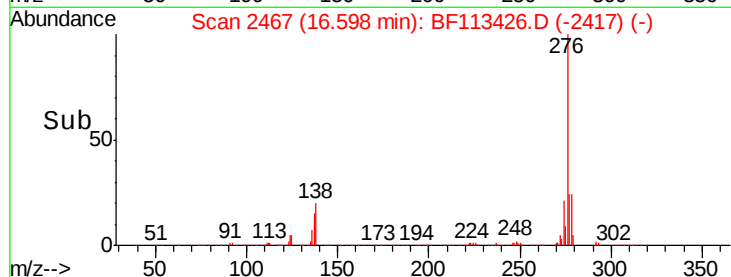
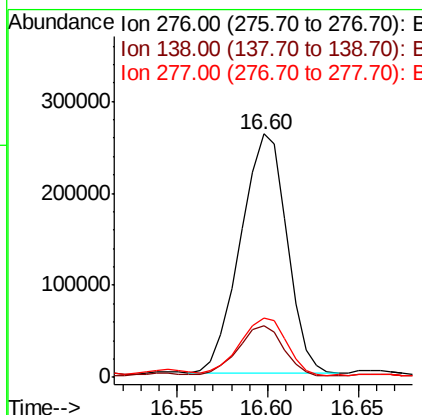
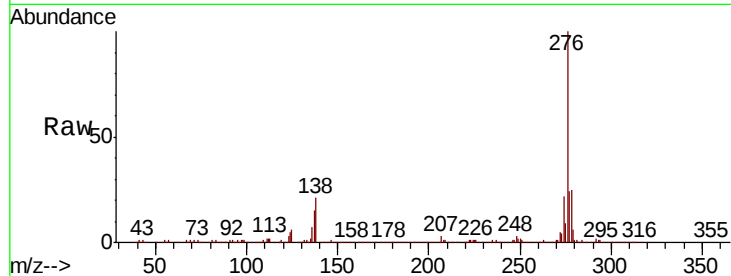




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 20.453 ng
 RT: 16.60 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BF113426.D
 Acq: 29 Mar 2019 21:20

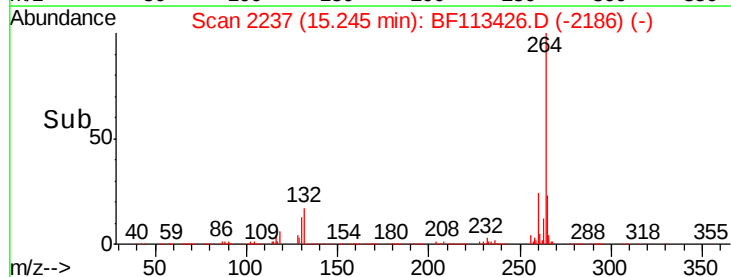
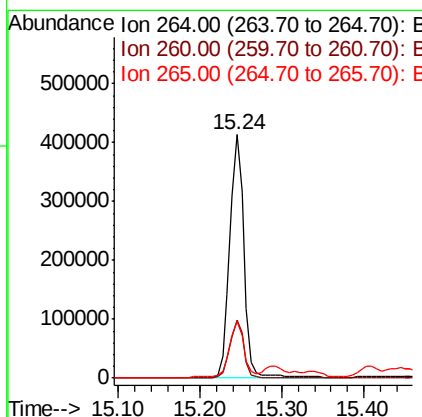
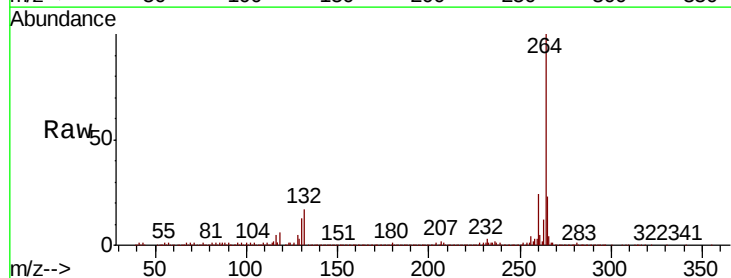
Instrument :
 BNA_F
 ClientSampleId :
 SP-2

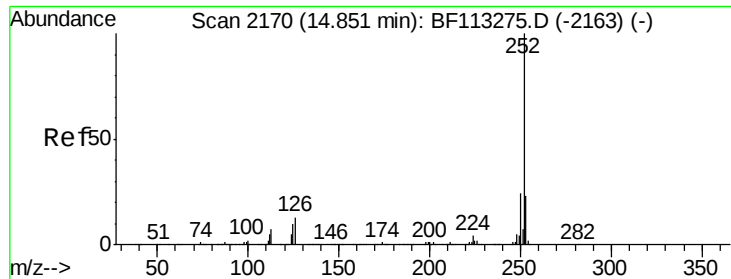
Tgt Ion: 276 Resp: 464201
 Ion Ratio Lower Upper
 276 100
 138 21.1 18.1 27.1
 277 24.0 20.2 30.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.00 min
 Lab File: BF113426.D
 Acq: 29 Mar 2019 21:20

Tgt Ion: 264 Resp: 503103
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 23.3 17.1 25.7

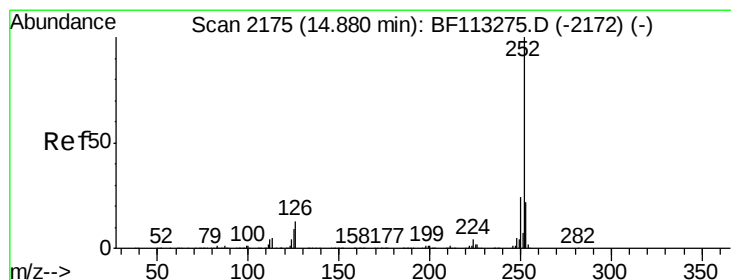
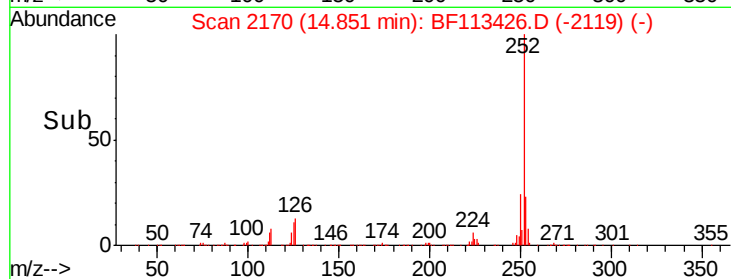
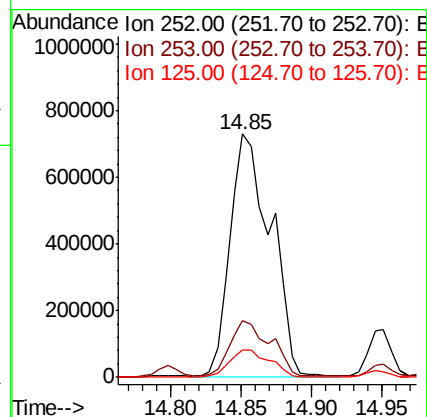
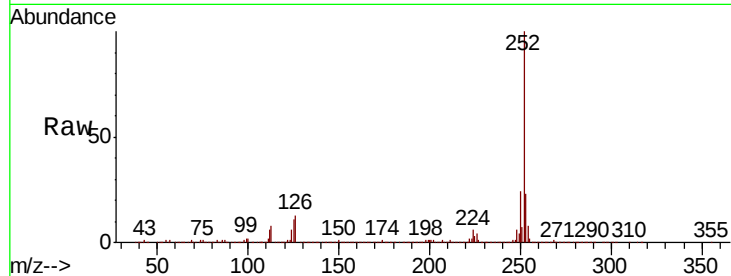




#88
Benzo(b)fluoranthene
Concen: 46.860 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF113426.D
Acq: 29 Mar 2019 21:20

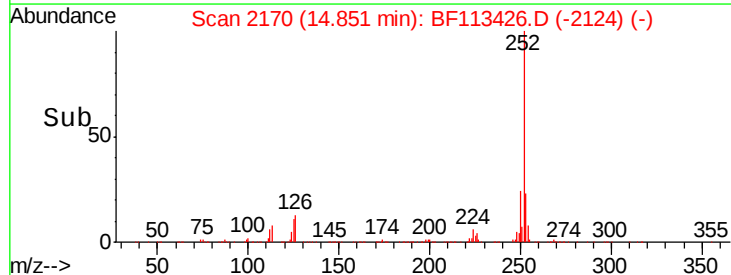
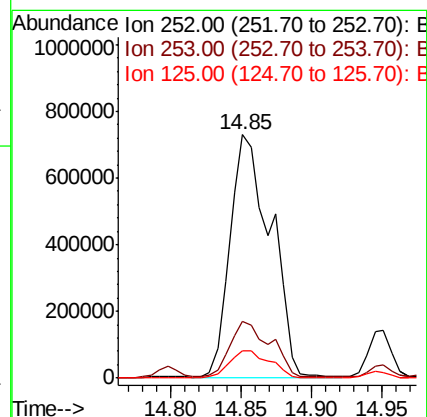
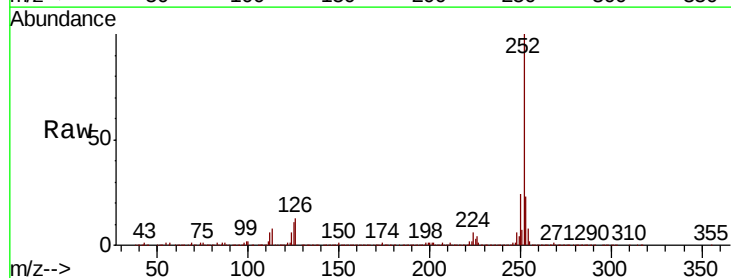
Instrument :
BNA_F
ClientSampled :
SP-2

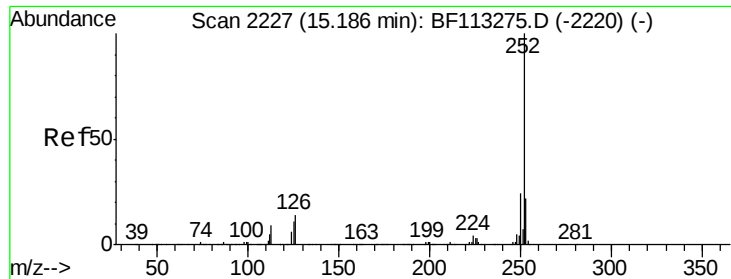
Tgt Ion:252 Resp: 1464492
Ion Ratio Lower Upper
252 100
253 23.2 18.0 27.0
125 11.3 7.6 11.4



#89
Benzo(k)fluoranthene
Concen: 53.360 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.03 min
Lab File: BF113426.D
Acq: 29 Mar 2019 21:20

Tgt Ion:252 Resp: 1464492
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 11.3 7.3 10.9#





#90

Benzo(a)pyrene

Concen: 31.093 ng

RT: 15.19 min Scan# 2228

Delta R.T. 0.01 min

Lab File: BF113426.D

Acq: 29 Mar 2019 21:20

Instrument :

BNA_F

ClientSampleId :

SP-2

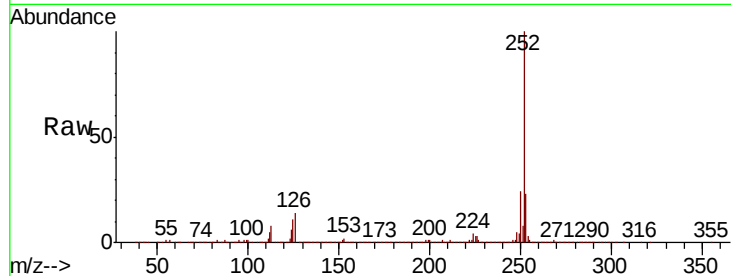
Tgt Ion:252 Resp: 861489

Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

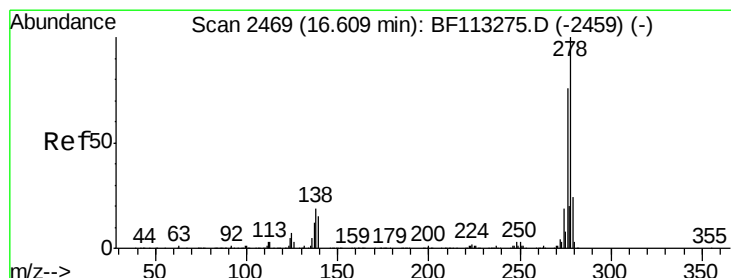
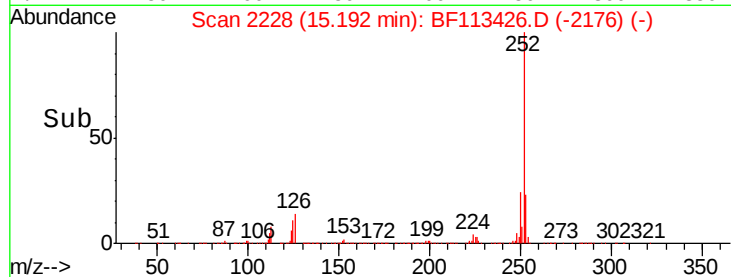
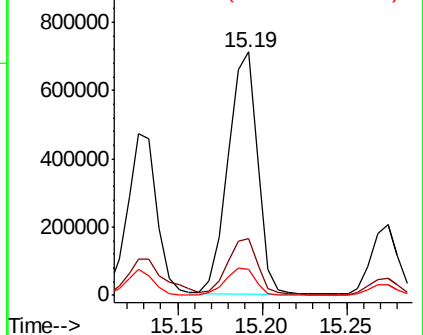
125 10.6 8.8 13.2



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



#91

Dibenzo(a,h)anthracene

Concen: 4.287 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.14 min

Lab File: BF113426.D

Acq: 29 Mar 2019 21:20

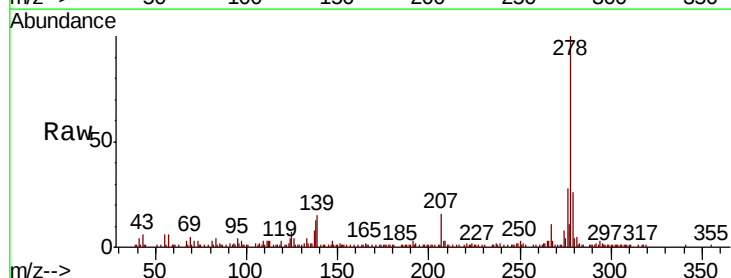
Tgt Ion:278 Resp: 102702

Ion Ratio Lower Upper

278 100

139 15.2 12.0 18.0

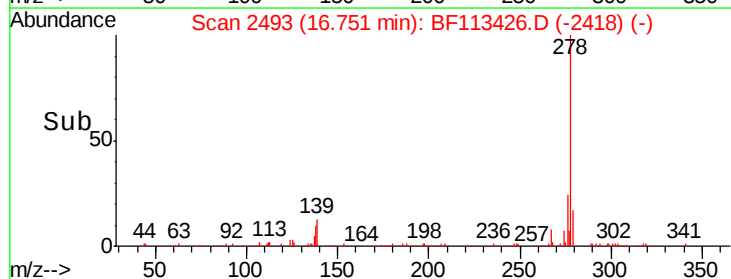
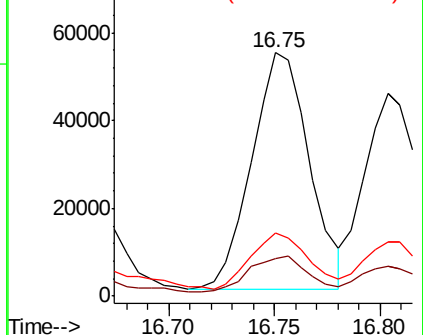
279 25.9 19.0 28.6

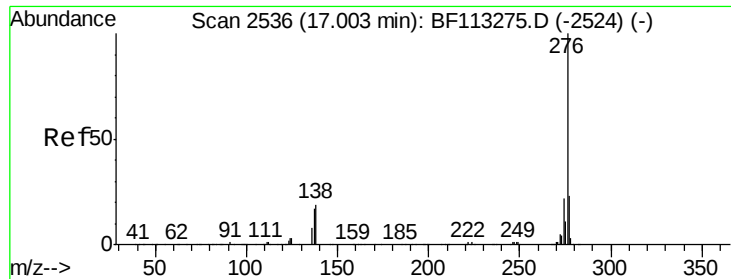


Abundance Ion 278.00 (277.70 to 278.70): E

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: 18.318 ng
 RT: 17.00 min Scan# 2536
 Delta R.T. 0.00 min
 Lab File: BF113426.D
 Acq: 29 Mar 2019 21:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Tgt Ion:	276	Resp:	442477
Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	21.7	15.6	23.4

