

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115516.D
 Acq On : 12 Jul 2019 1:07
 Operator : HP/JU
 Sample : K3726-01DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PX-1 070919DL

Quant Time: Jul 12 03:18:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	133537	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	522890	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	218650	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	362104	20.00	ng	0.00
76) Chrysene-d12	14.06	240	318817	20.00	ng	0.00
87) Perylene-d12	15.54	264	265635	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	174739	20.22	ng	-0.01
7) Phenol-d6	6.51	99	233413	21.23	ng	-0.01
23) Nitrobenzene-d5	7.45	82	127796	14.44	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	43994	18.20	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	269671	21.64	ng	0.00
79) Terphenyl-d14	13.00	244	249588	16.03	ng	0.00

Target Compounds

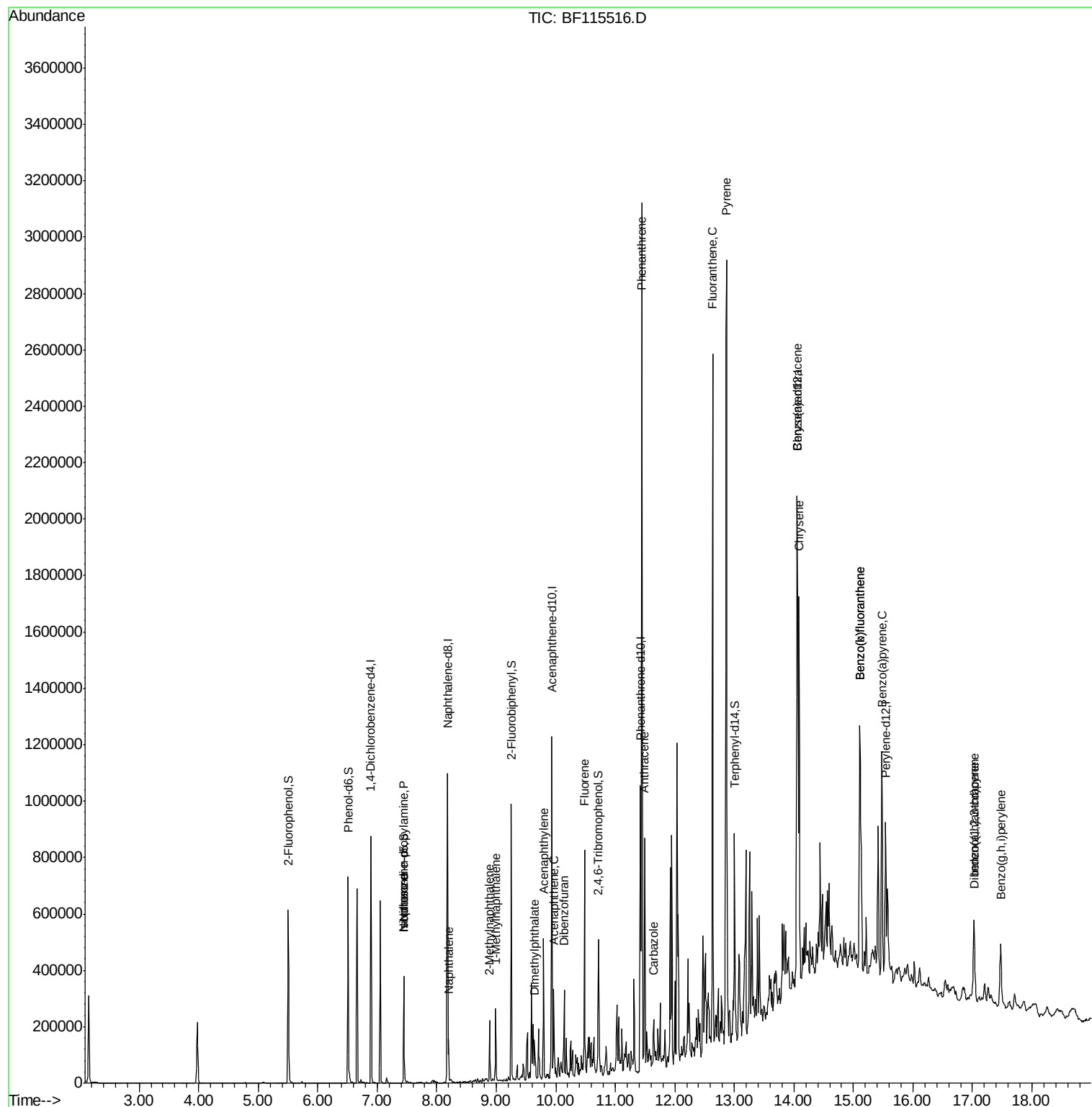
						Qvalue
9) Benzaldehyde	6.51	77	276	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.45	70	16167	2.174 ng	#	84
25) Isophorone	7.45	82	123567	6.442 ng	#	64
31) Naphthalene	8.20	128	55277	2.128 ng		98
37) 2-Methylnaphthalene	8.89	142	56804	3.272 ng		98
38) 1-Methylnaphthalene	8.99	142	70627	4.264 ng		97
49) Acenaphthylene	9.79	152	163347	7.594 ng		97
50) Dimethylphthalate	9.64	163	56457	3.440 ng		99
52) Acenaphthene	9.96	154	65309	4.824 ng		99
55) Dibenzofuran	10.14	168	84822	4.448 ng	#	94
58) Fluorene	10.48	166	207481	13.803 ng		99
71) Phenanthrene	11.45	178	1123701	59.006 ng		99
72) Anthracene	11.49	178	321440	16.832 ng		99
73) Carbazole	11.65	167	64811	3.710 ng		99
75) Fluoranthene	12.63	202	989948	49.370 ng		99
78) Pyrene	12.87	202	1216699	49.075 ng		100
81) Benzo(a)anthracene	14.05	228	584431	28.610 ng		95
83) Chrysene	14.09	228	506521	24.133 ng		96
86) Indeno(1,2,3-cd)pyrene	17.03	276	192442	6.101 ng		96
88) Benzo(b)fluoranthene	15.11	252	693721	40.111 ng		98
89) Benzo(k)fluoranthene	15.11	252	693721	45.102 ng		98
90) Benzo(a)pyrene	15.48	252	393628	26.387 ng		99
91) Dibenzo(a,h)anthracene	17.04	278	54009	4.237 ng	#	95
92) Benzo(g,h,i)perylene	17.47	276	173765	14.402 ng		98

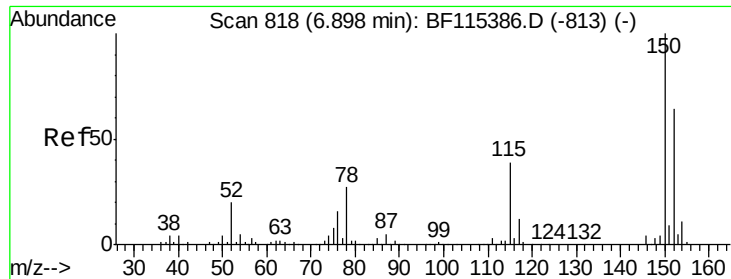
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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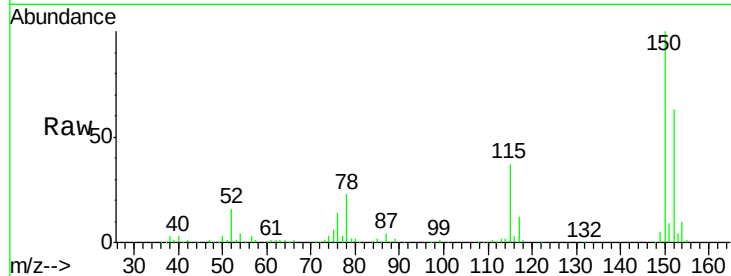


#1

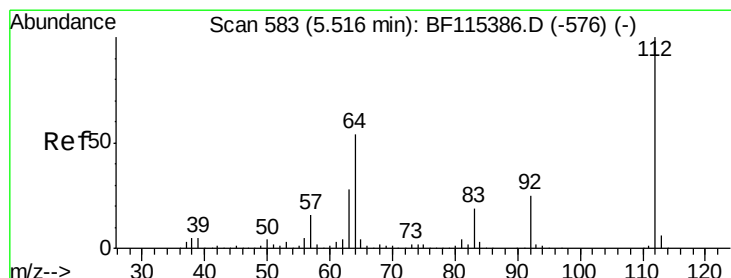
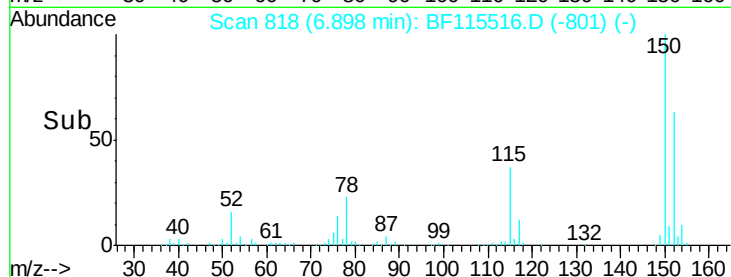
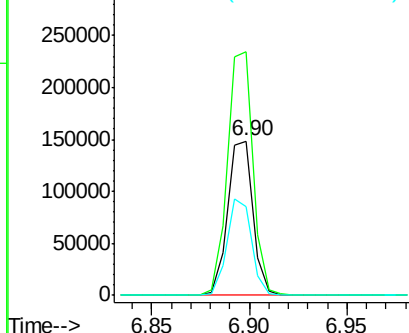
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF115516.D
 Acq: 12 Jul 2019 1:07

Instrument :
 BNA_F
 ClientSampleId :
 PX-1_070919DL

Tot Ion:152 Resp: 133537
 Ion Ratio Lower Upper
 152 100
 150 157.9 127.4 191.2
 115 57.8 46.2 69.4



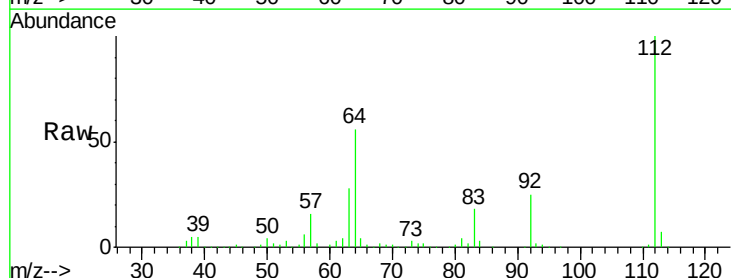
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



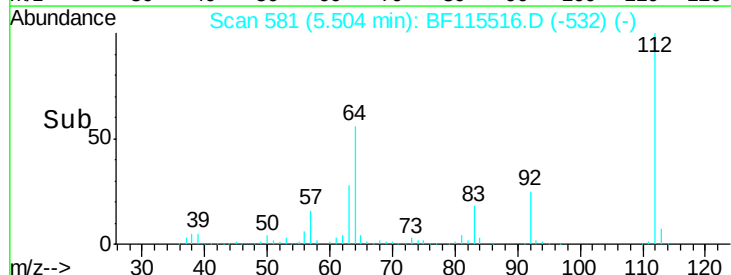
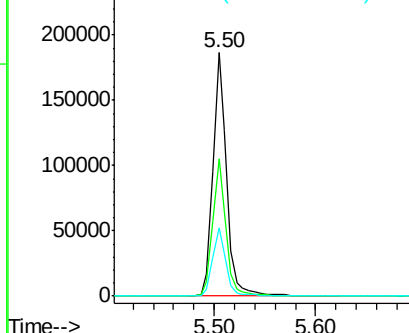
#5

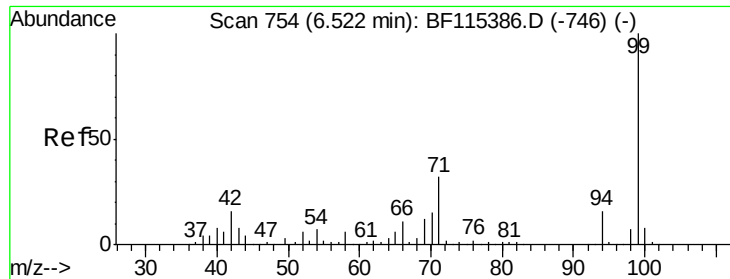
2-Fluorophenol
 Concen: 20.217 ng
 RT: 5.50 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: BF115516.D
 Acq: 12 Jul 2019 1:07

Tgt Ion:112 Resp: 174739
 Ion Ratio Lower Upper
 112 100
 64 56.2 44.2 66.2
 63 27.9 22.1 33.1



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: 21.235 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115516.D

Acq: 12 Jul 2019 1:07

Instrument :

BNA_F

ClientSampleId :

PX-1_070919DL

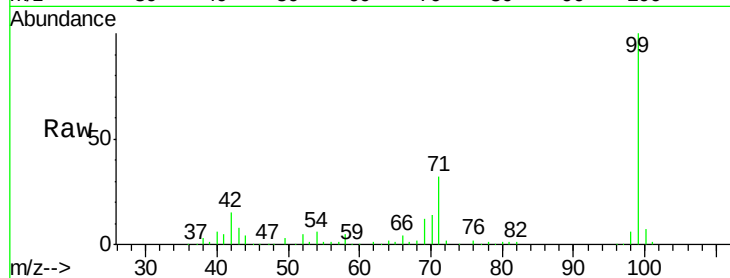
Tot Ion: 99 Resp: 233413

Ion Ratio Lower Upper

99 100

42 15.0 12.8 19.2

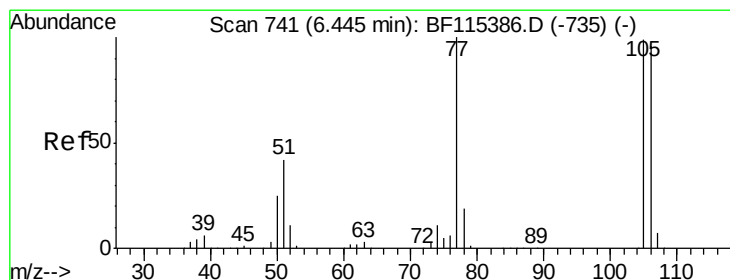
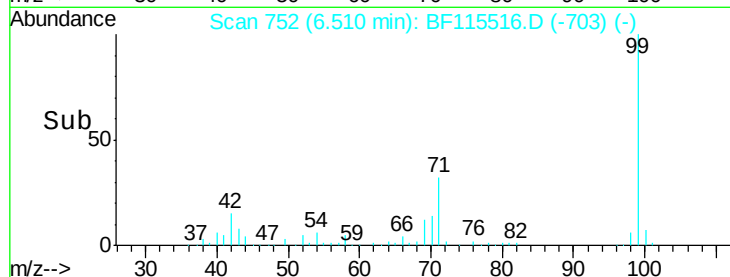
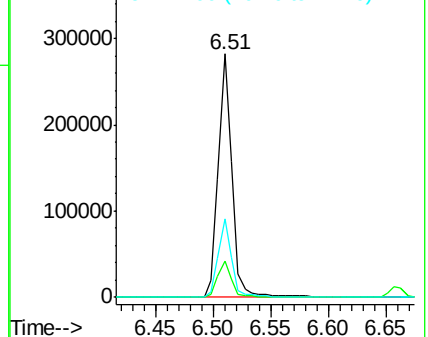
71 32.3 26.5 39.7



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.51 min Scan# 752

Delta R.T. 0.06 min

Lab File: BF115516.D

Acq: 12 Jul 2019 1:07

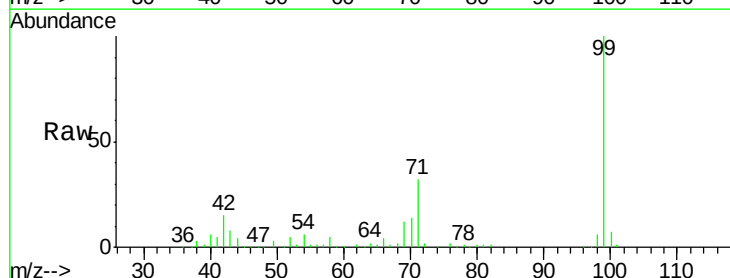
Tgt Ion: 77 Resp: 276

Ion Ratio Lower Upper

77 100

105 0.0 82.9 122.9#

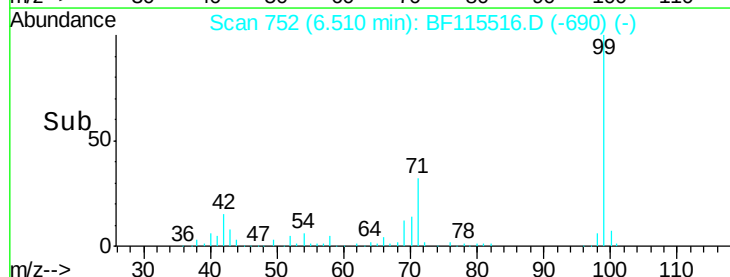
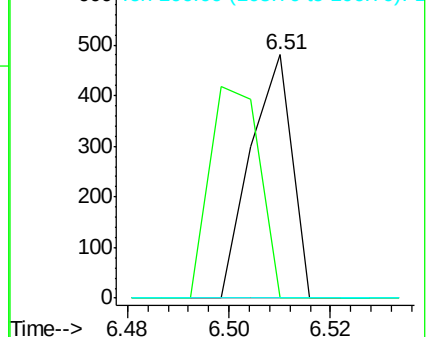
106 0.0 77.8 117.8#

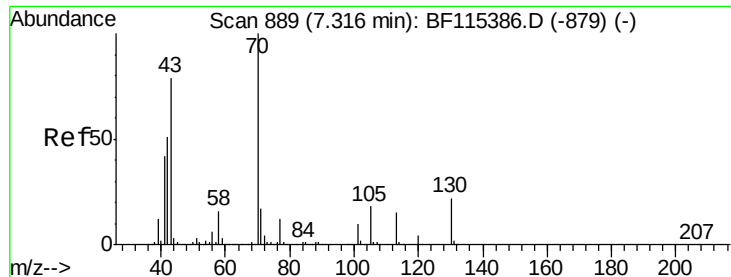


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

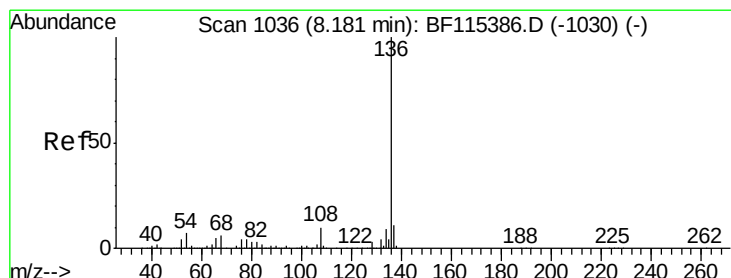
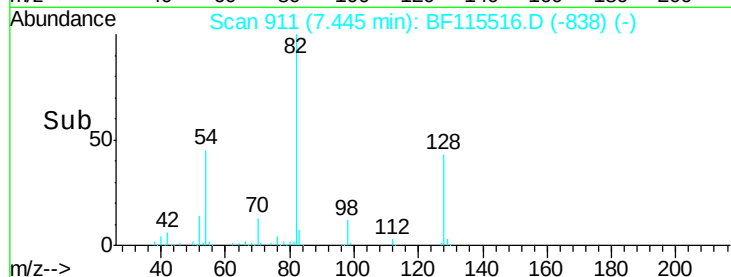
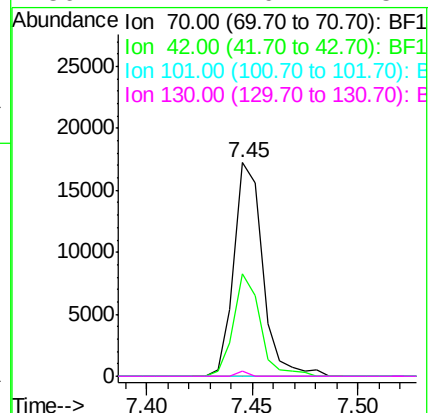
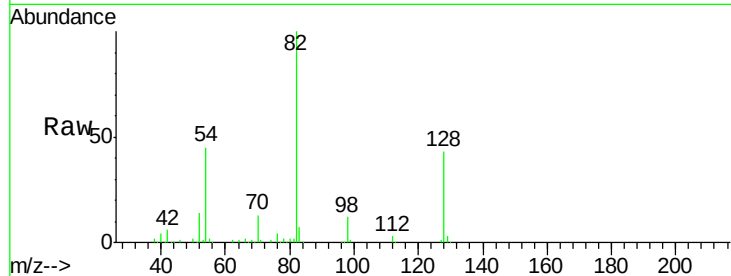




#19
n-Nitroso-di-n-propylamine
Concen: 2.174 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.13 min
Lab File: BF115516.D
Acq: 12 Jul 2019 1:07

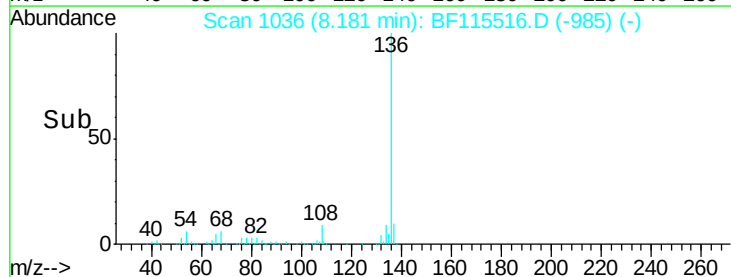
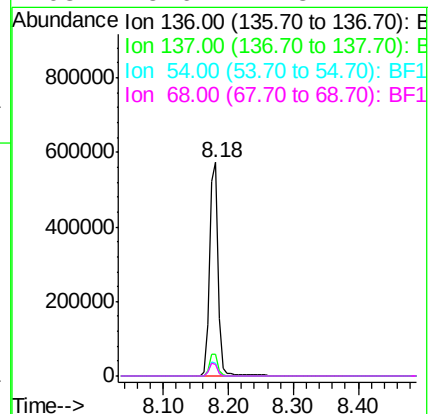
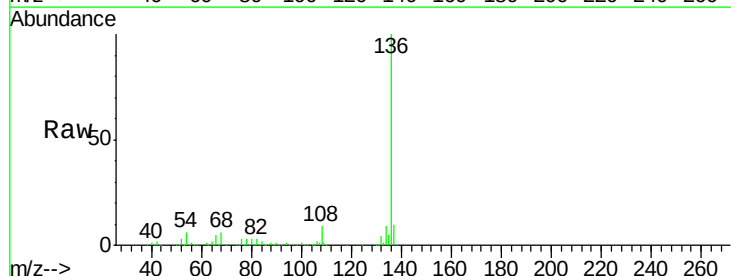
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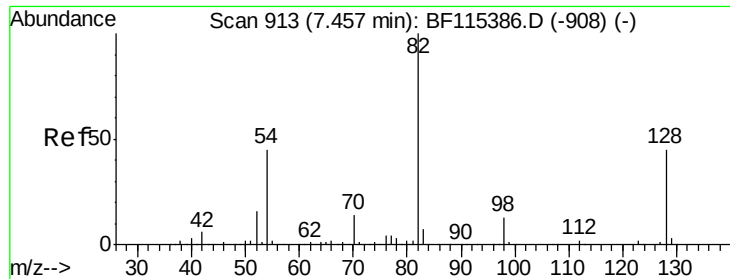
Tot Ion: 70 Resp: 16167
Ion Ratio Lower Upper
70 100
42 47.9 38.5 57.7
101 0.0 8.0 12.0#
130 2.2 19.1 28.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF115516.D
Acq: 12 Jul 2019 1:07

Tgt Ion: 136 Resp: 522890
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 5.9 5.4 8.0
68 5.6 4.8 7.2

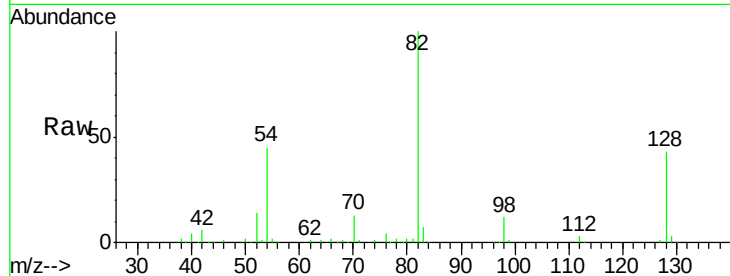




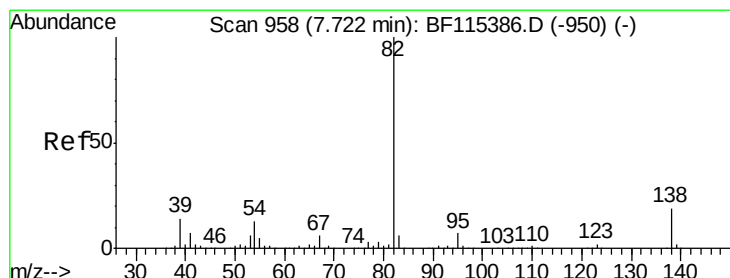
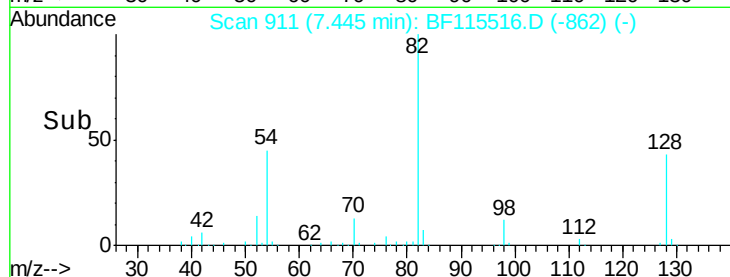
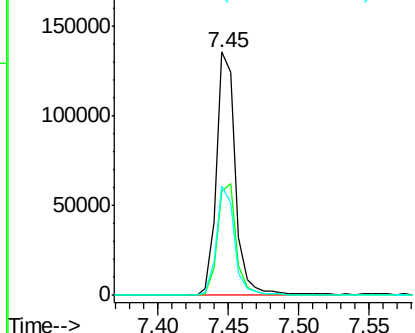
#23
 Nitrobenzene-d5
 Concen: 14.440 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115516.D
 Acq: 12 Jul 2019 1:07

Instrument :
 BNA_F
 ClientSampleId :
 PX-1_070919DL

Tot Ion	82	Resp	127796
Ion Ratio	Lower	Upper	
82	100		
128	42.8	36.7	55.1
54	44.7	35.6	53.4

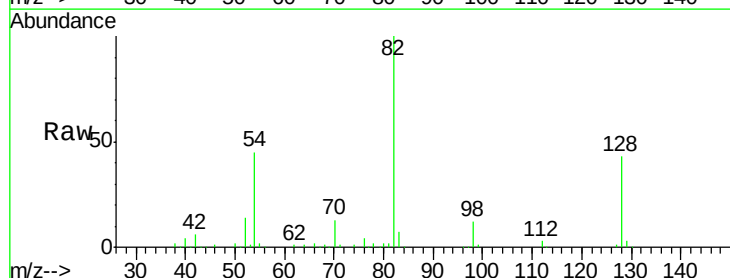


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

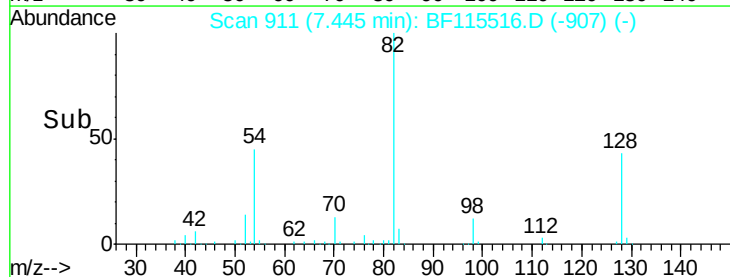
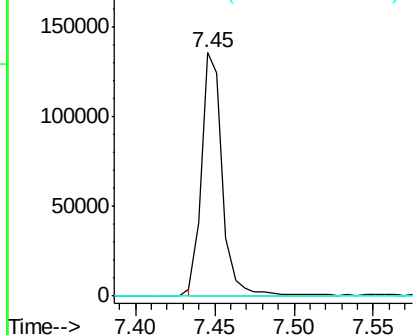


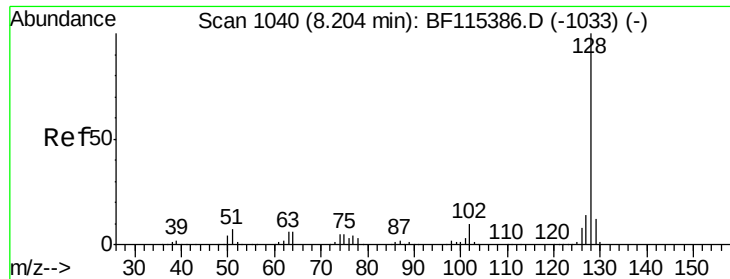
#25
 Isophorone
 Concen: 6.442 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.28 min
 Lab File: BF115516.D
 Acq: 12 Jul 2019 1:07

Tgt Ion	82	Resp	123567
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#



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

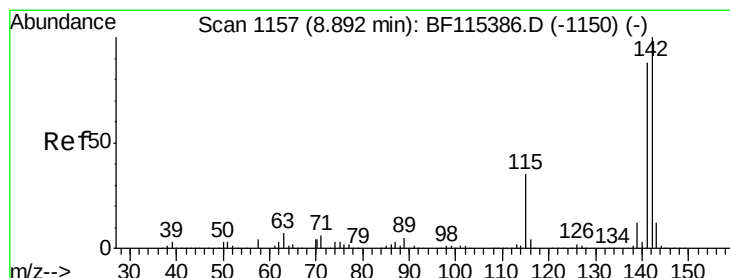
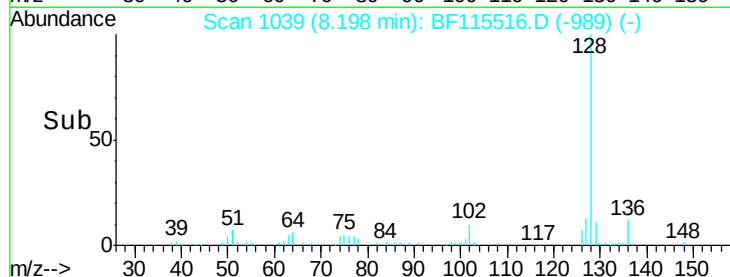
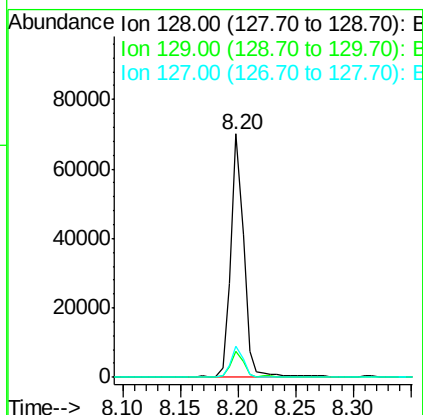
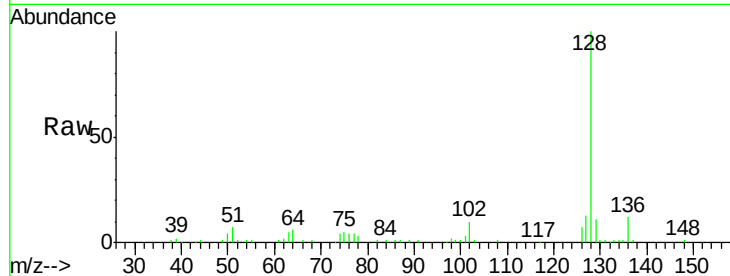




#31
Naphthalene
Concen: 2.128 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115516.D
Acq: 12 Jul 2019 1:07

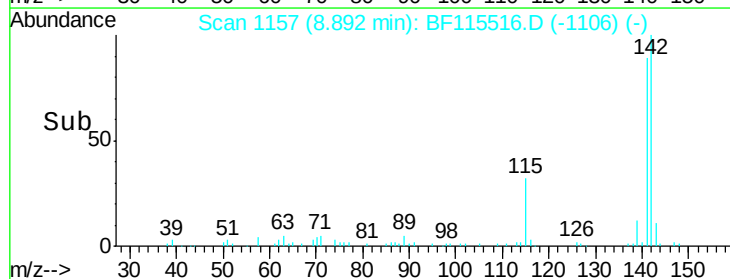
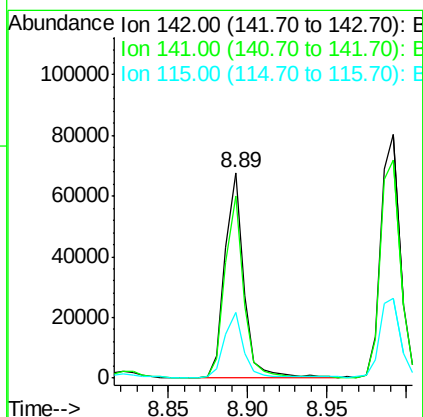
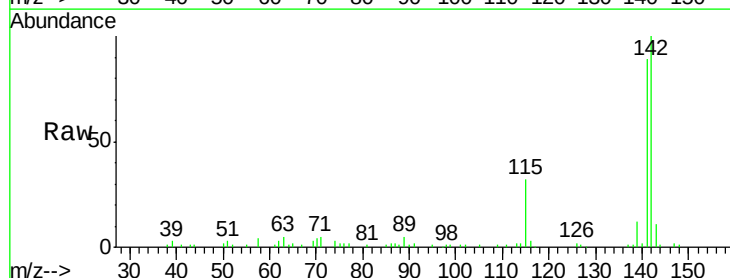
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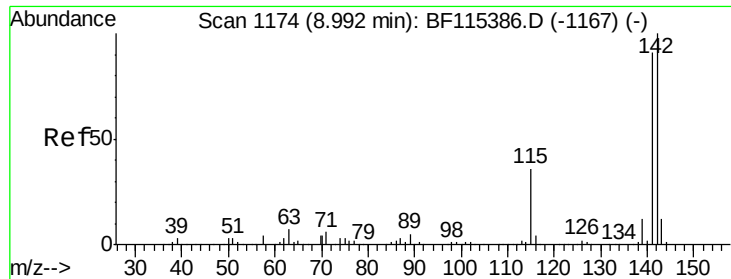
Tot Ion:128 Resp: 55277
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 12.7 11.1 16.7



#37
2-Methylnaphthalene
Concen: 3.272 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF115516.D
Acq: 12 Jul 2019 1:07

Tgt Ion:142 Resp: 56804
Ion Ratio Lower Upper
142 100
141 88.9 72.1 108.1
115 31.8 27.6 41.4

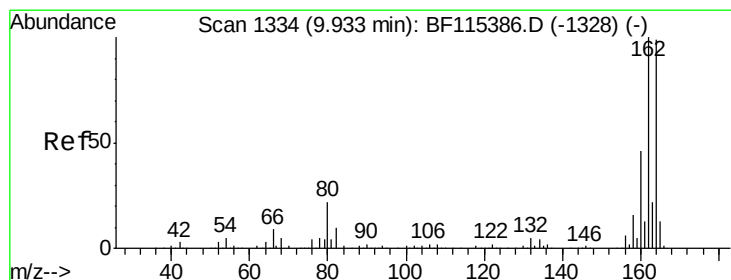
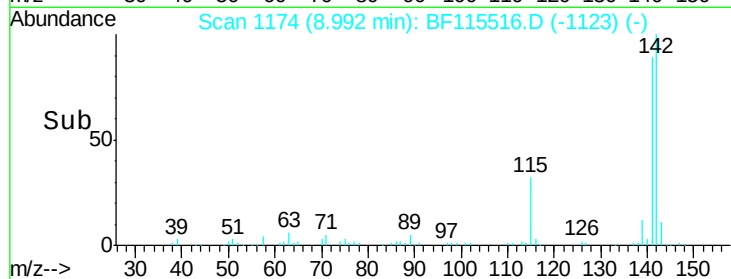
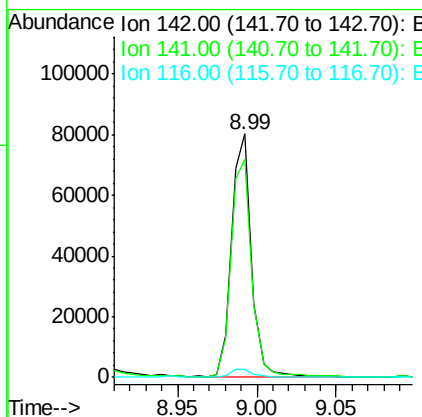
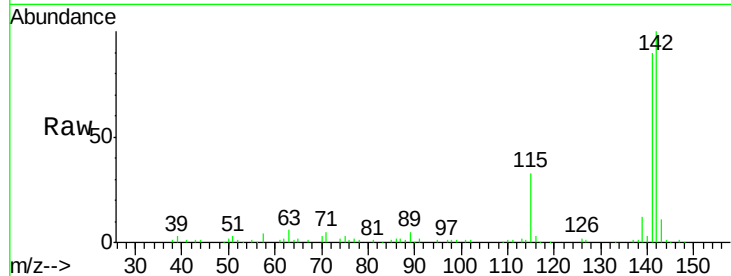




#38
1-Methylnaphthalene
Concen: 4.264 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF115516.D
Acq: 12 Jul 2019 1:07

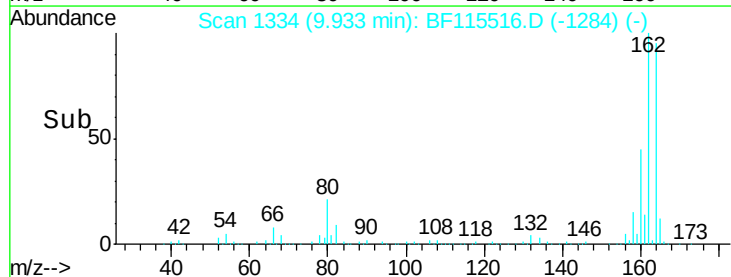
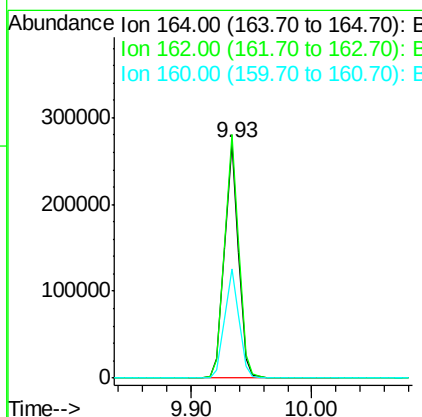
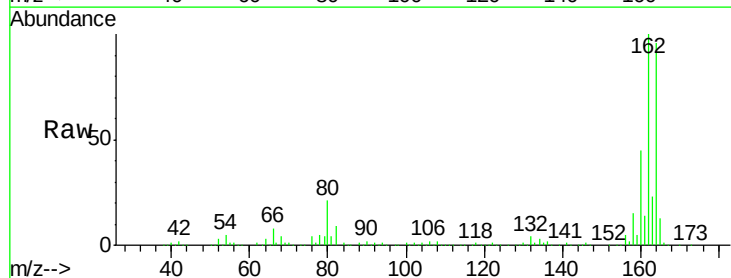
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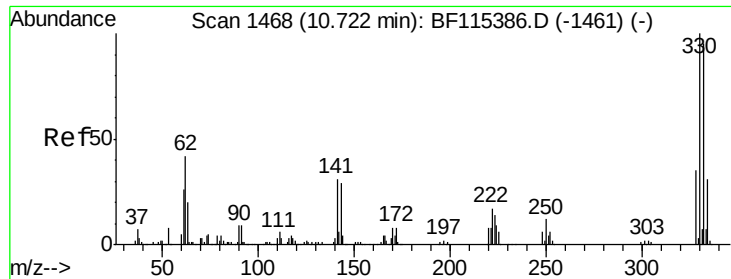
Tot Ion:142 Resp: 70627
Ion Ratio Lower Upper
142 100
141 89.7 74.3 111.5
116 3.4 3.1 4.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115516.D
Acq: 12 Jul 2019 1:07

Tgt Ion:164 Resp: 218650
Ion Ratio Lower Upper
164 100
162 103.6 82.3 123.5
160 46.7 37.2 55.8

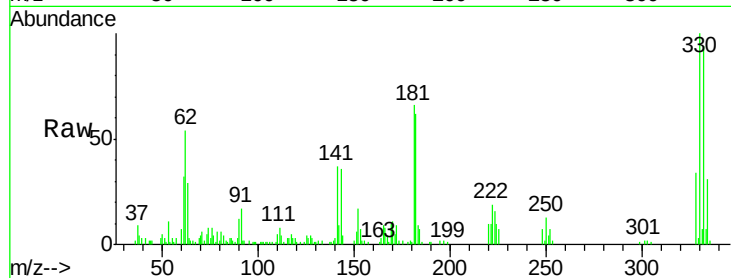




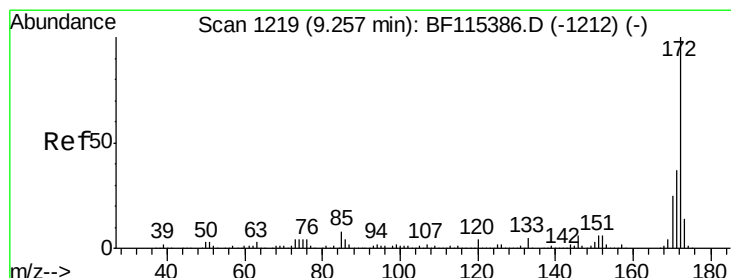
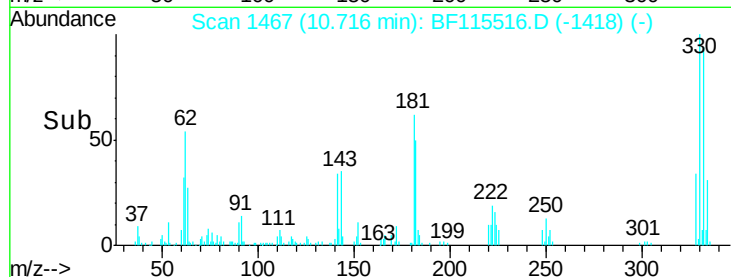
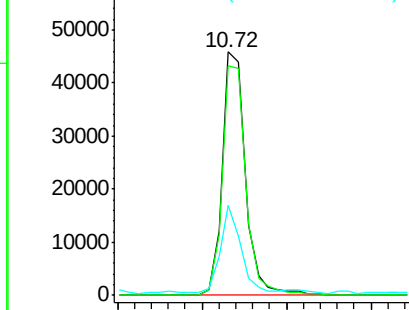
#42
 2,4,6-Tribromophenol
 Concen: 18.198 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF115516.D
 Acq: 12 Jul 2019 1:07

Instrument :
 BNA_F
 ClientSampleId :
 PX-1_070919DL

Tot Ion:330 Resp: 43994
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.0
 141 31.3 24.7 37.1

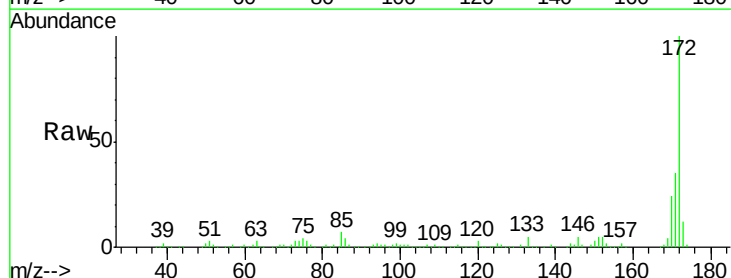


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

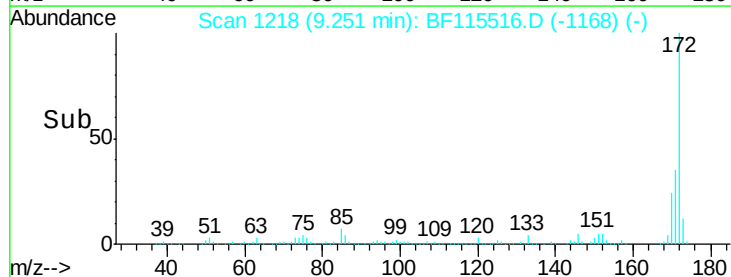
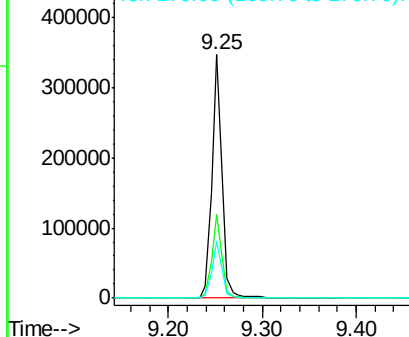


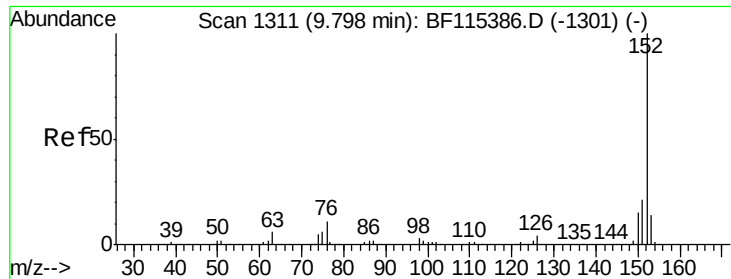
#45
 2-Fluorobiphenyl
 Concen: 21.642 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF115516.D
 Acq: 12 Jul 2019 1:07

Tgt Ion:172 Resp: 269671
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.8 44.8
 170 23.5 20.0 30.0



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





#49

Acenaphthylene

Concen: 7.594 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF115516.D

Acq: 12 Jul 2019 1:07

Instrument :

BNA_F

ClientSampleId :

PX-1 070919DL

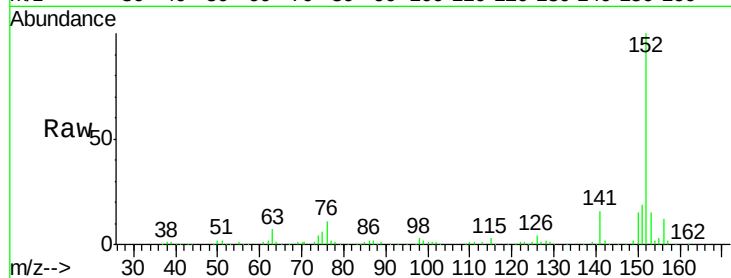
Tot Ion:152 Resp: 163347

Ion Ratio Lower Upper

152 100

151 19.4 17.1 25.7

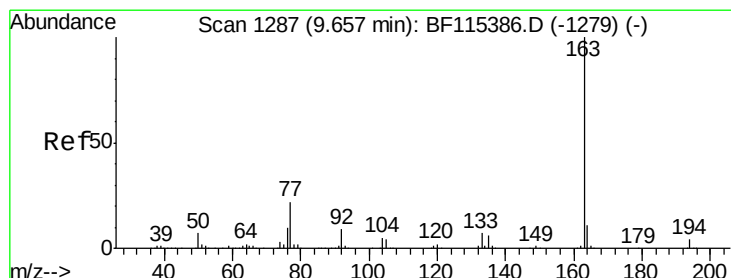
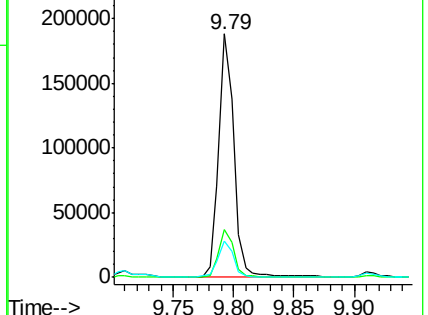
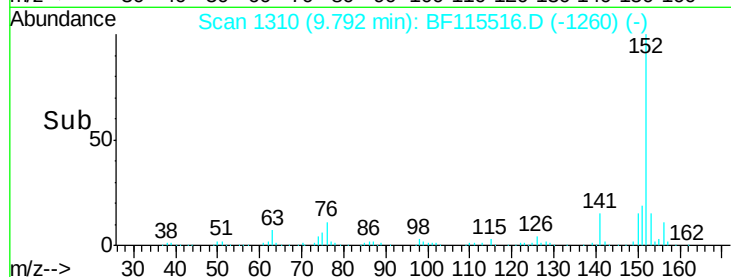
153 15.0 11.8 17.6



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

Dimethylphthalate

Concen: 3.440 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF115516.D

Acq: 12 Jul 2019 1:07

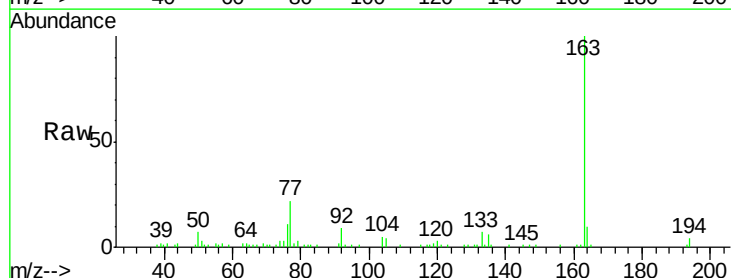
Tgt Ion:163 Resp: 56457

Ion Ratio Lower Upper

163 100

194 4.4 3.1 4.7

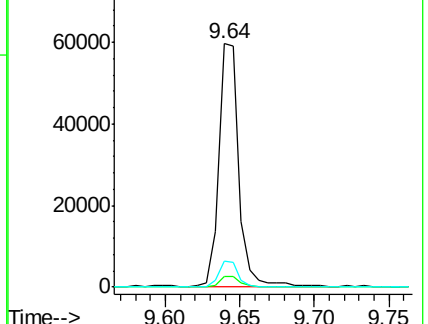
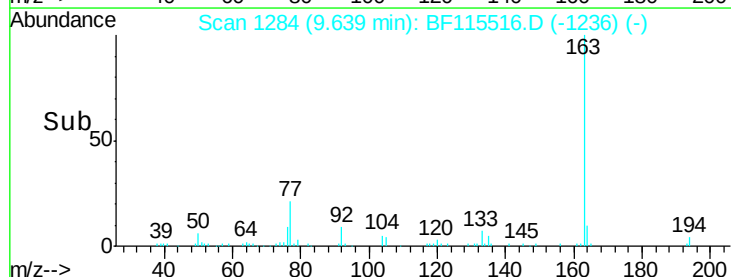
164 10.5 8.6 13.0

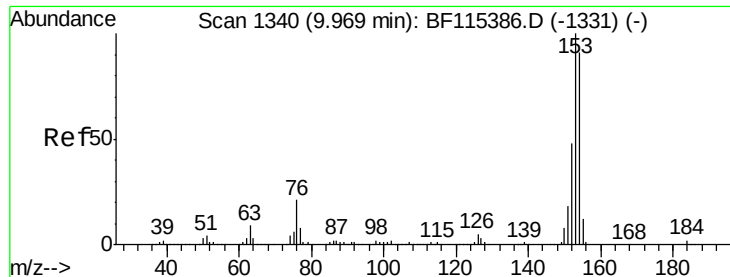


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 4.824 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF115516.D

Acq: 12 Jul 2019 1:07

Instrument :

BNA_F

ClientSampleId :

PX-1 070919DL

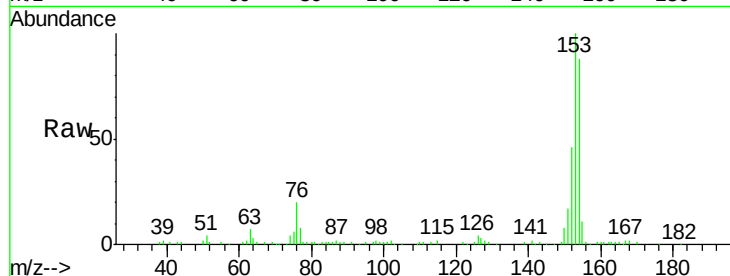
Tot Ion:154 Resp: 65309

Ion Ratio Lower Upper

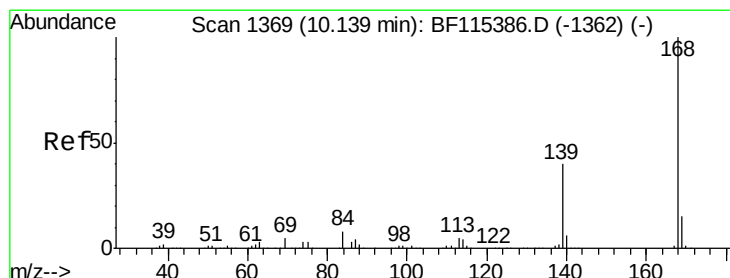
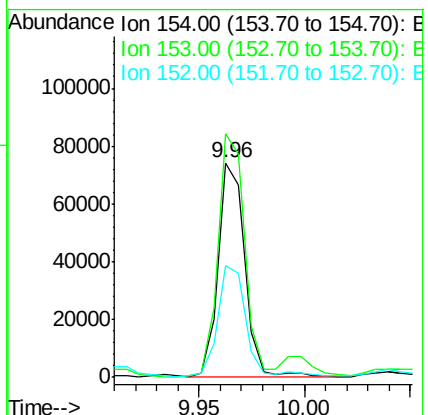
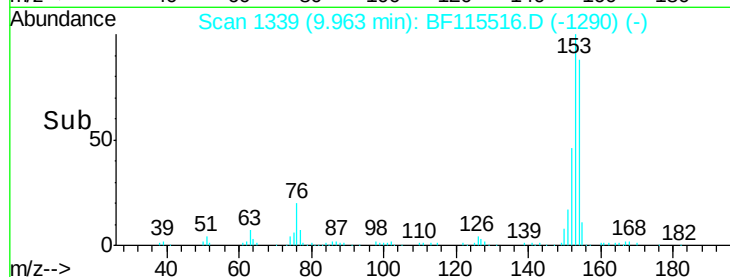
154 100

153 113.4 89.8 134.8

152 51.8 41.4 62.0



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: 4.448 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.01 min

Lab File: BF115516.D

Acq: 12 Jul 2019 1:07

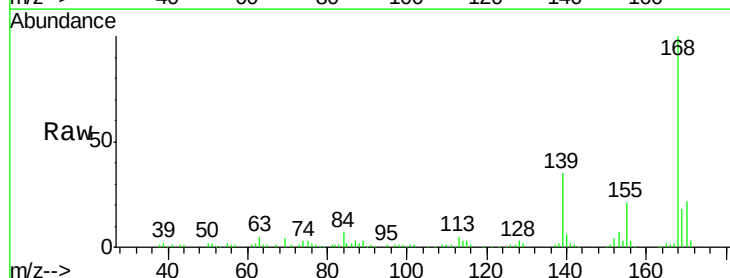
Tgt Ion:168 Resp: 84822

Ion Ratio Lower Upper

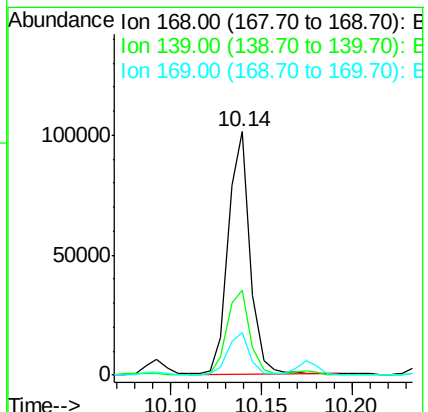
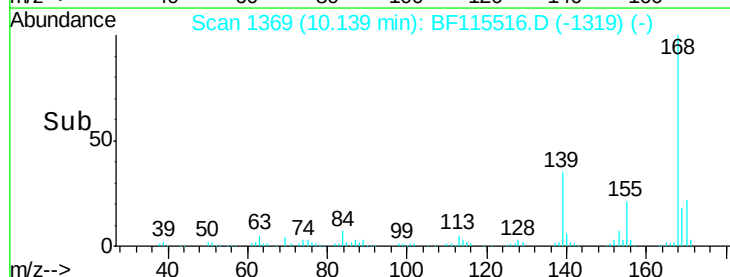
168 100

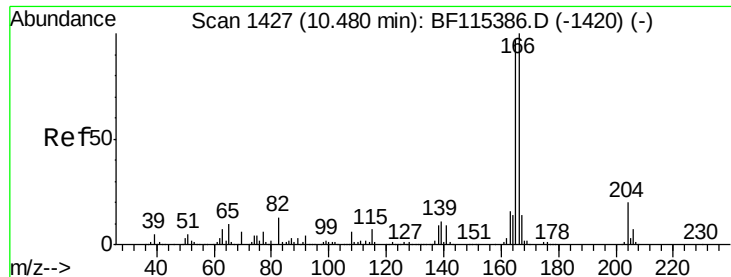
139 35.1 30.6 46.0

169 17.6 11.0 16.6#



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: 13.803 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF115516.D

Acq: 12 Jul 2019 1:07

Instrument :

BNA_F

ClientSampleId :

PX-1_070919DL

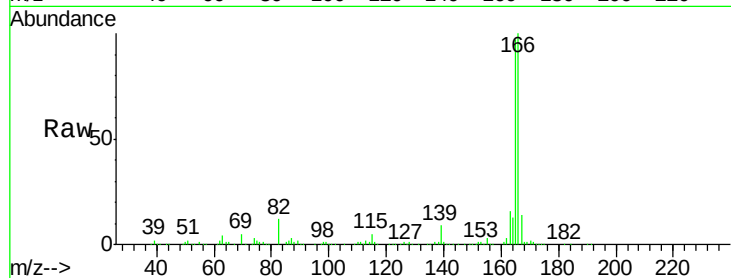
Tot Ion:166 Resp: 207481

Ion Ratio Lower Upper

166 100

165 97.5 78.7 118.1

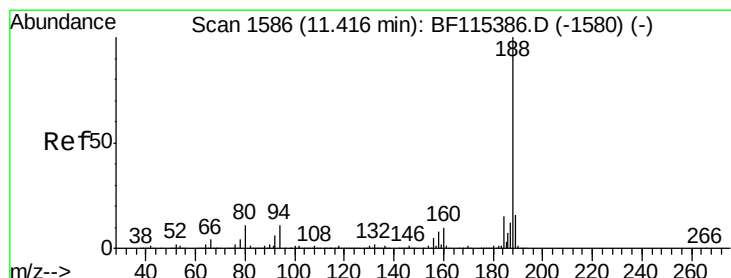
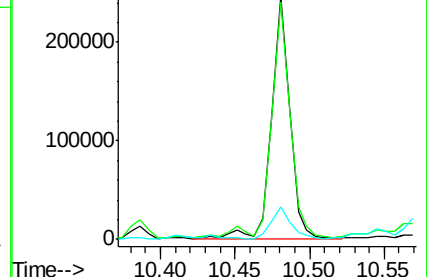
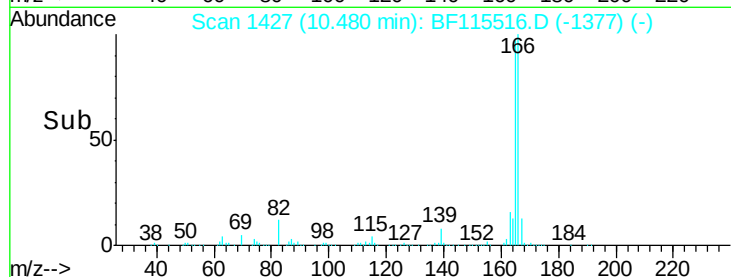
167 13.6 10.8 16.2



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: 11.42 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BF115516.D

Acq: 12 Jul 2019 1:07

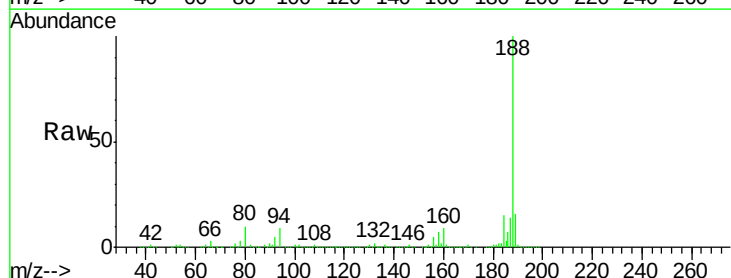
Tgt Ion:188 Resp: 362104

Ion Ratio Lower Upper

188 100

94 9.2 7.8 11.8

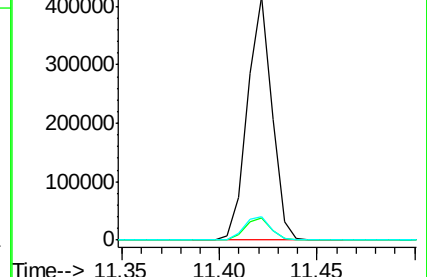
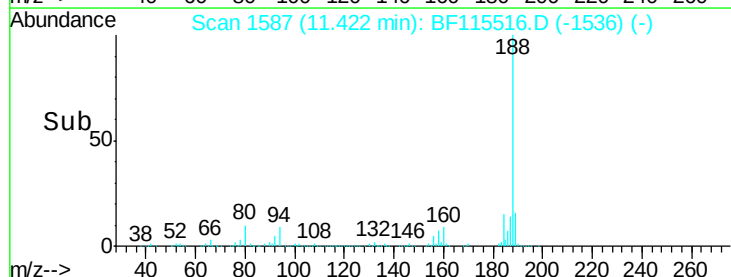
80 9.8 8.4 12.6

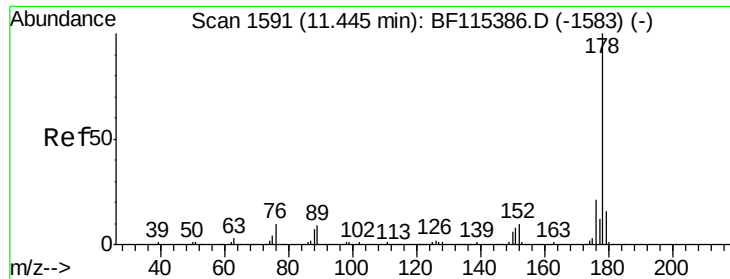


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 59.006 ng

RT: 11.45 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BF115516.D

Acq: 12 Jul 2019 1:07

Instrument :

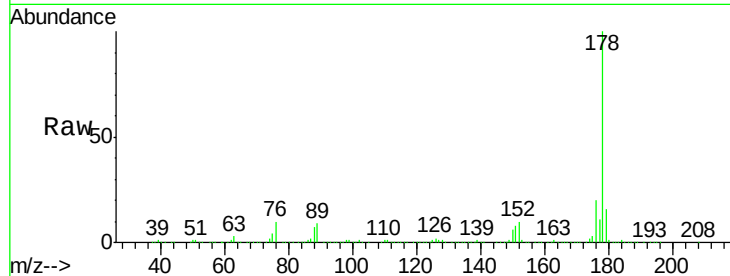
BNA_F

ClientSampleId :

PX-1 070919DL

Tot Ion:178 Resp: 1123701

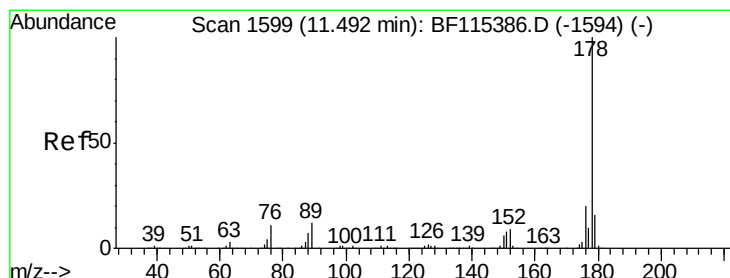
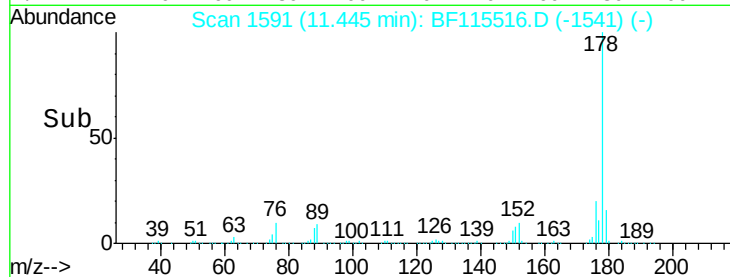
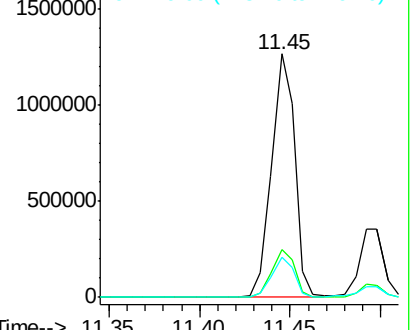
Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	24.8
179	16.2	12.7	19.1



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: 16.832 ng

RT: 11.49 min Scan# 1599

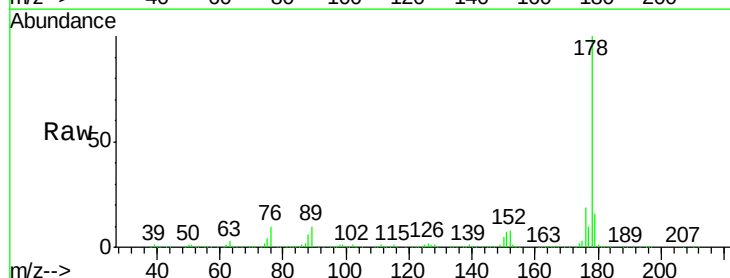
Delta R.T. -0.01 min

Lab File: BF115516.D

Acq: 12 Jul 2019 1:07

Tgt Ion:178 Resp: 321440

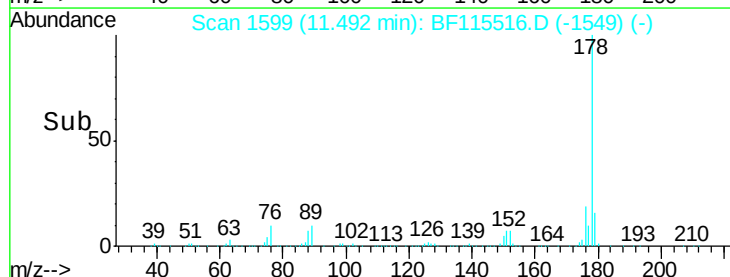
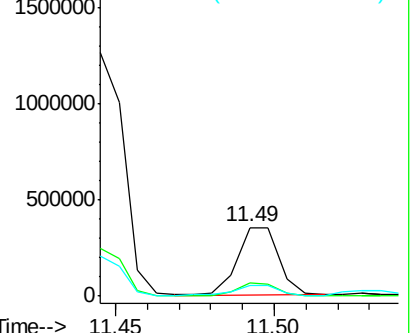
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	15.7	13.0	19.6

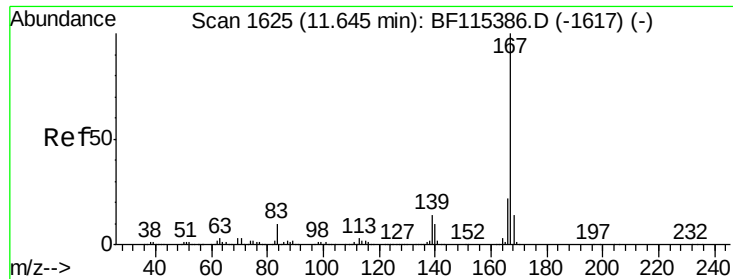


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

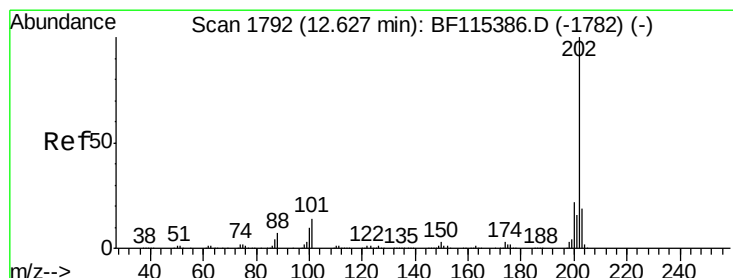
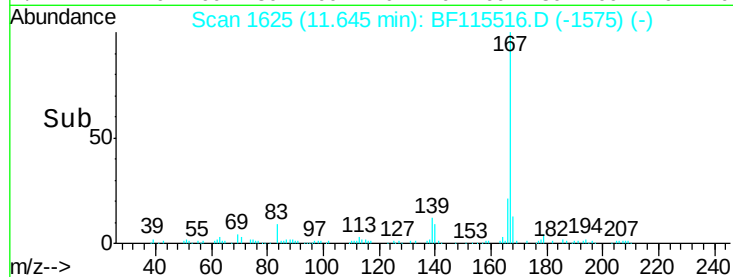
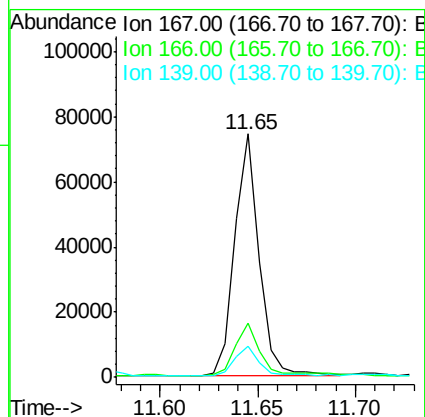
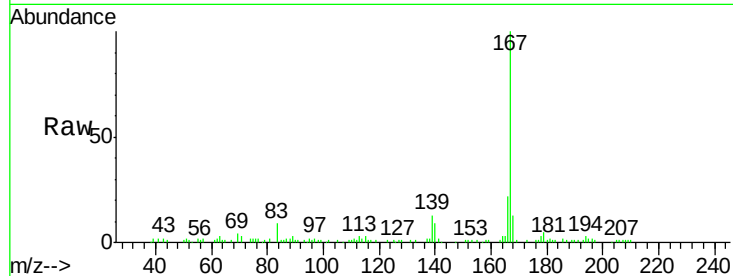




#73
 Carbazole
 Concen: 3.710 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF115516.D
 Acq: 12 Jul 2019 1:07

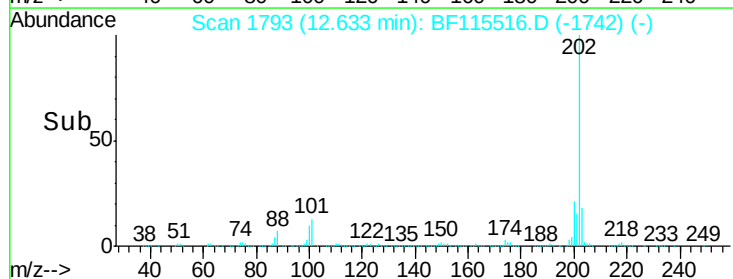
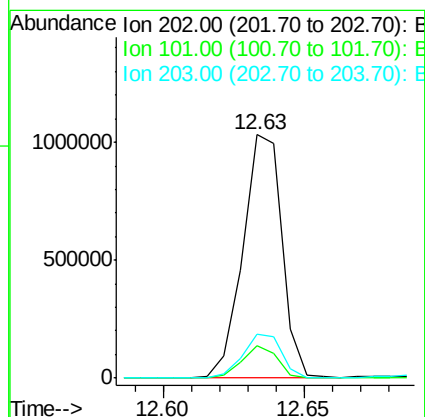
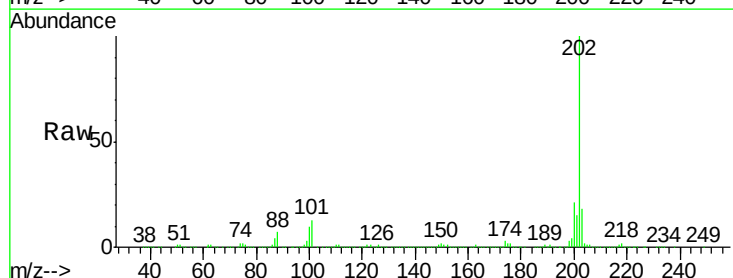
Instrument :
 BNA_F
 ClientSampleId :
 PX-1_070919DL

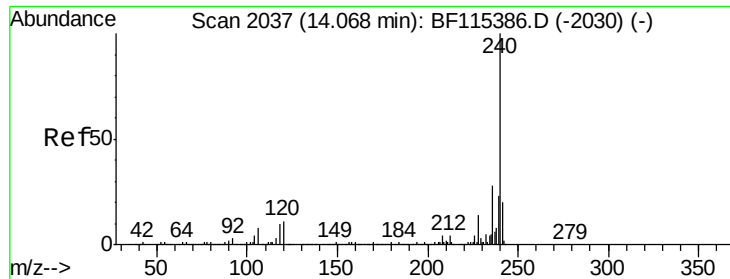
Tot Ion:167 Resp: 64811
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.8
 139 12.7 10.9 16.3



#75
 Fluoranthene
 Concen: 49.370 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BF115516.D
 Acq: 12 Jul 2019 1:07

Tgt Ion:202 Resp: 989948
 Ion Ratio Lower Upper
 202 100
 101 13.4 0.0 33.9
 203 18.2 0.0 38.4

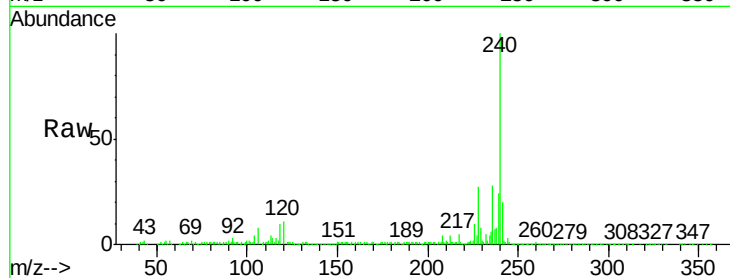




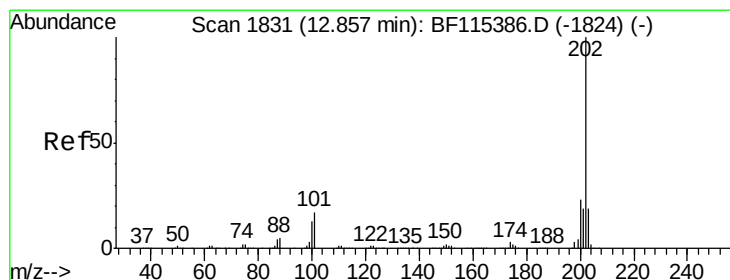
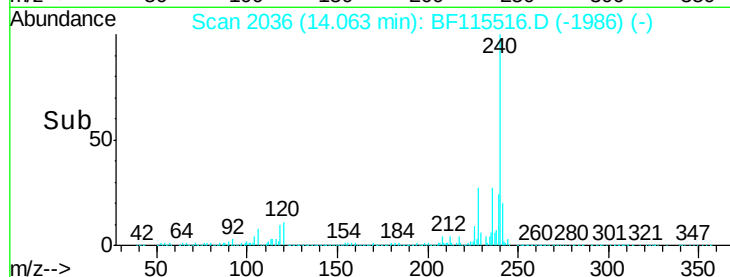
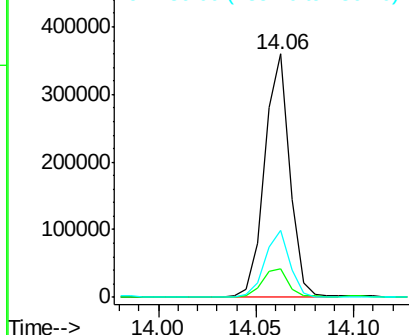
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF115516.D
 Acq: 12 Jul 2019 1:07

Instrument :
 BNA_F
 ClientSampleId :
 PX-1_070919DL

Tot Ion:240 Resp: 318817
 Ion Ratio Lower Upper
 240 100
 120 11.5 10.2 15.4
 236 27.6 21.1 31.7

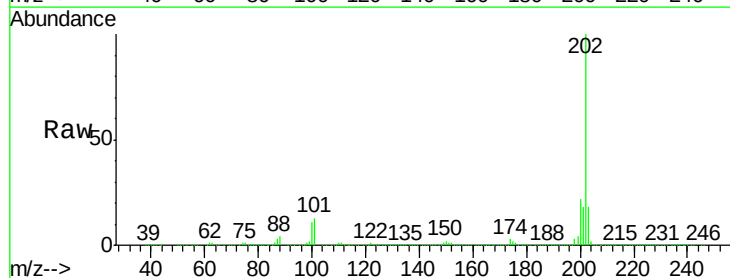


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

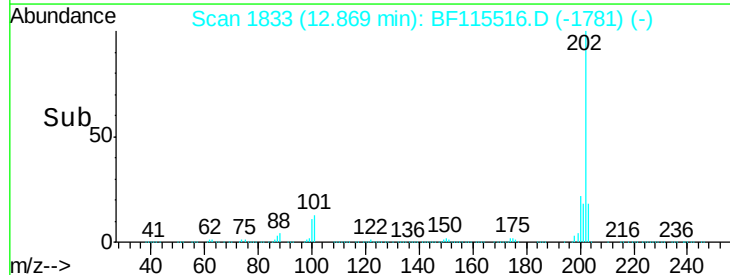
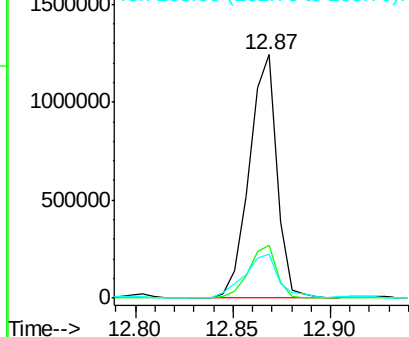


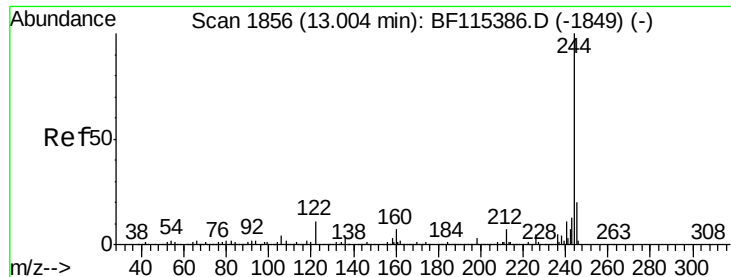
#78
 Pyrene
 Concen: 49.075 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: BF115516.D
 Acq: 12 Jul 2019 1:07

Tgt Ion:202 Resp: 1216699
 Ion Ratio Lower Upper
 202 100
 200 21.9 17.6 26.4
 203 18.1 14.7 22.1



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: 16.029 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF115516.D

Acq: 12 Jul 2019 1:07

Instrument :

BNA_F

ClientSampleId :

PX-1 070919DL

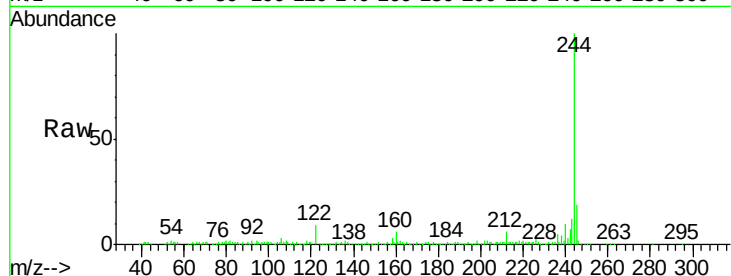
Tot Ion:244 Resp: 249588

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

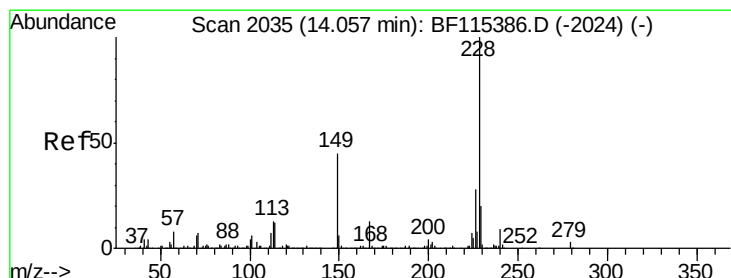
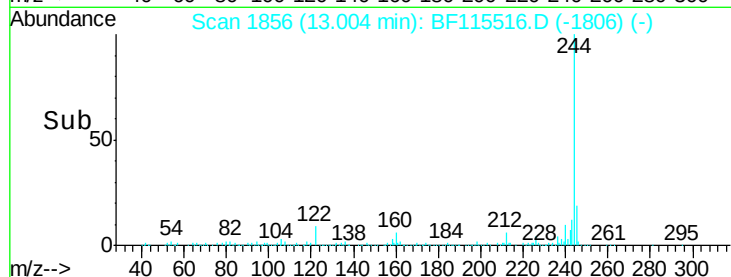
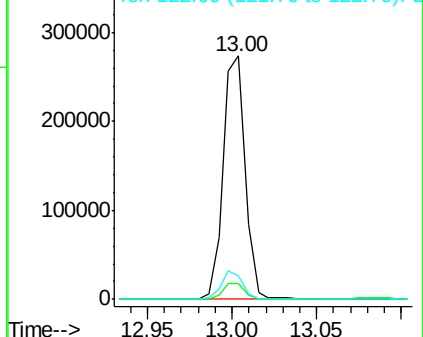
122 9.5 9.1 13.7



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: 28.610 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF115516.D

Acq: 12 Jul 2019 1:07

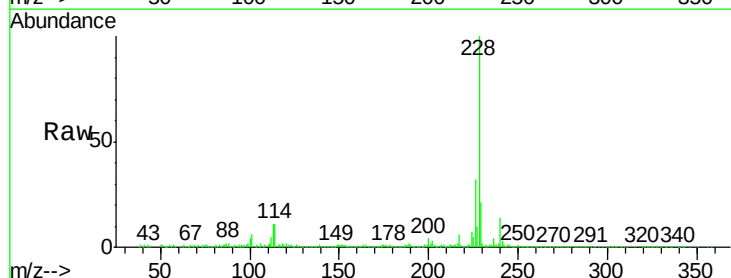
Tgt Ion:228 Resp: 584431

Ion Ratio Lower Upper

228 100

226 32.2 22.6 34.0

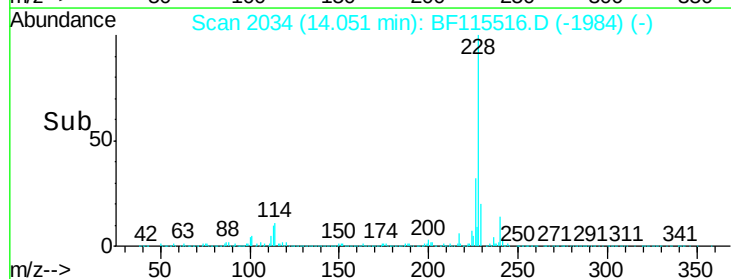
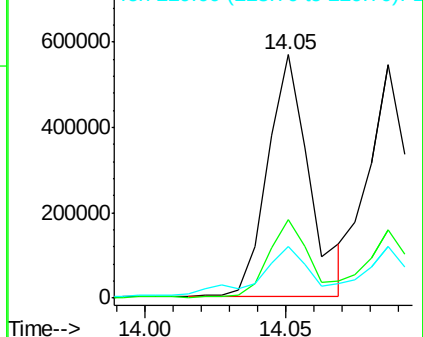
229 20.9 16.4 24.6

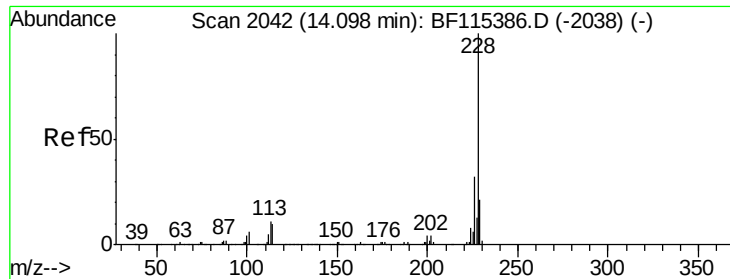


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 24.133 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF115516.D

Acq: 12 Jul 2019 1:07

Instrument :

BNA_F

ClientSampleId :

PX-1_070919DL

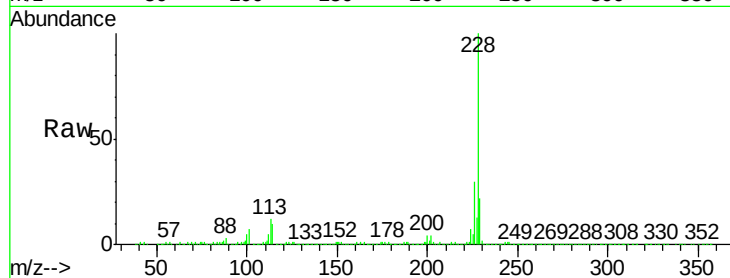
Tot Ion:228 Resp: 506521

Ion Ratio Lower Upper

228 100

226 29.6 25.1 37.7

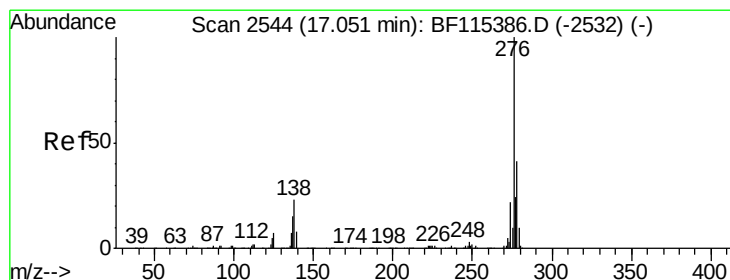
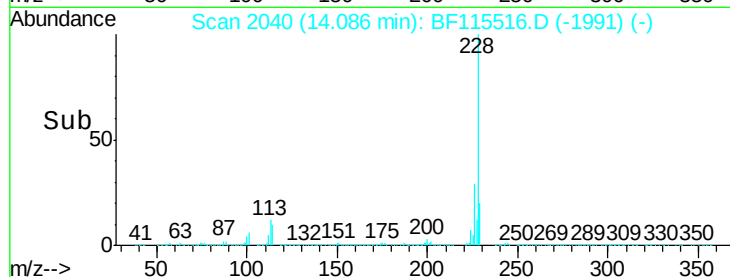
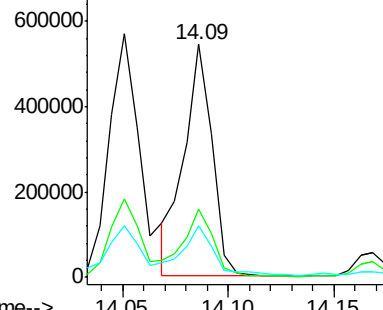
229 22.0 16.1 24.1



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 6.101 ng

RT: 17.03 min Scan# 2540

Delta R.T. -0.03 min

Lab File: BF115516.D

Acq: 12 Jul 2019 1:07

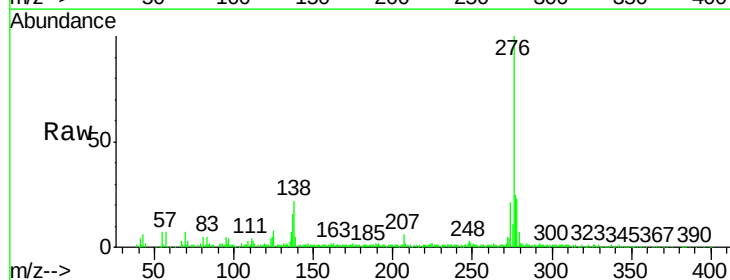
Tgt Ion:276 Resp: 192442

Ion Ratio Lower Upper

276 100

138 22.0 20.6 31.0

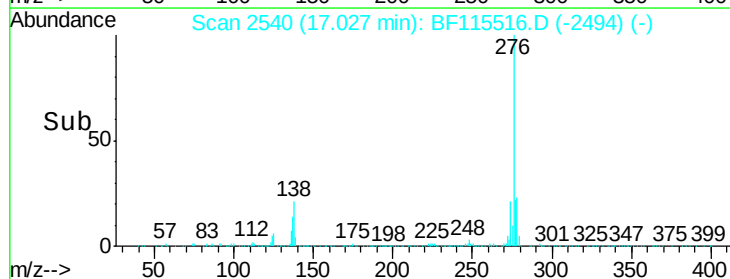
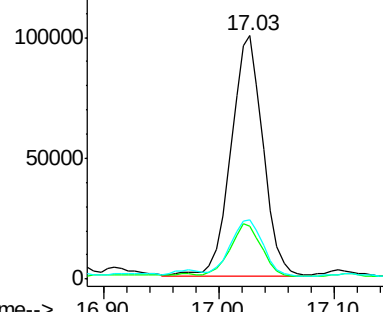
277 24.6 20.2 30.2

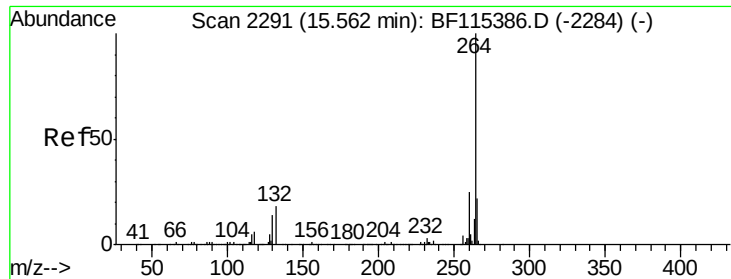


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

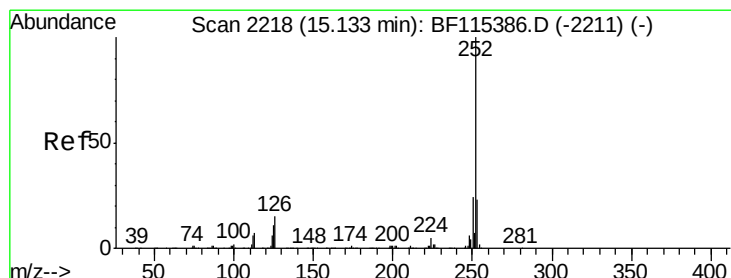
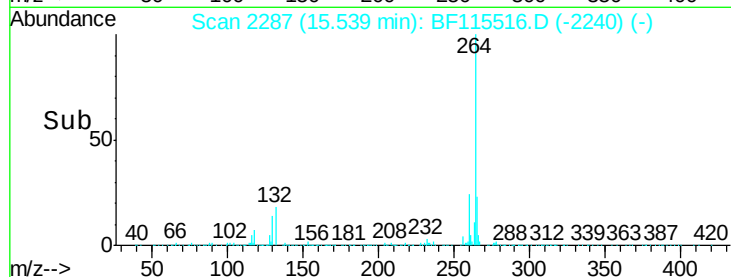
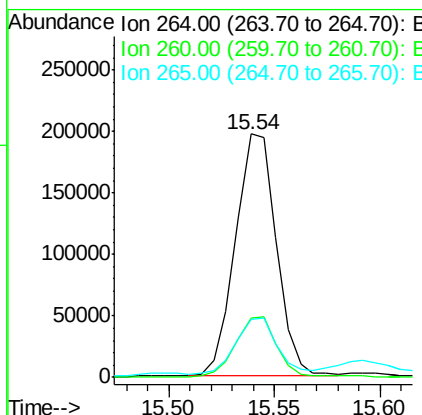
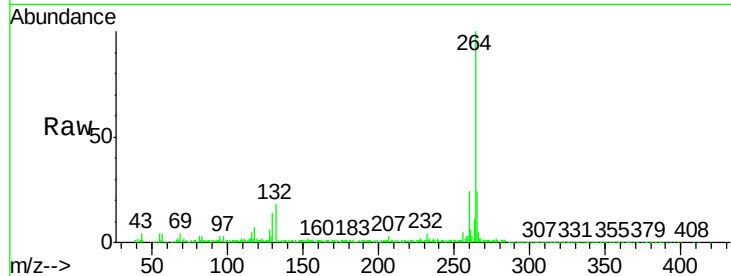




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.02 min
Lab File: BF115516.D
Acq: 12 Jul 2019 1:07

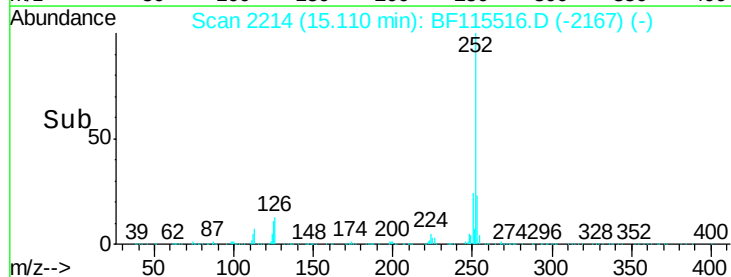
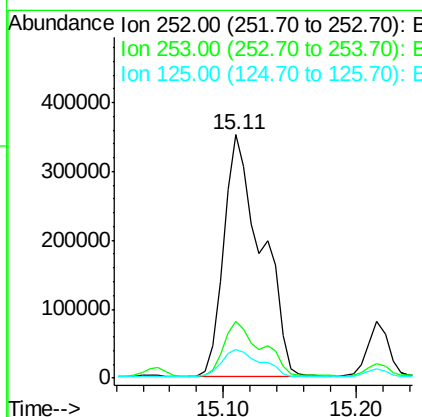
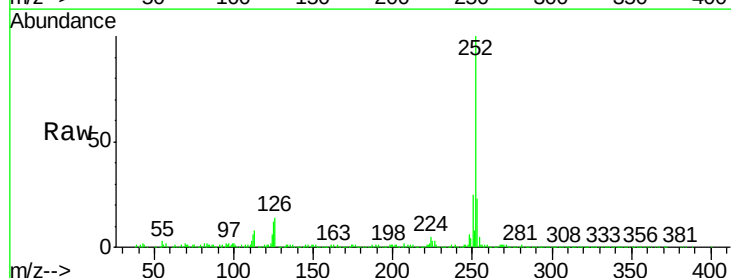
Instrument :
BNA_F
ClientSampleId :
PX-1_070919DL

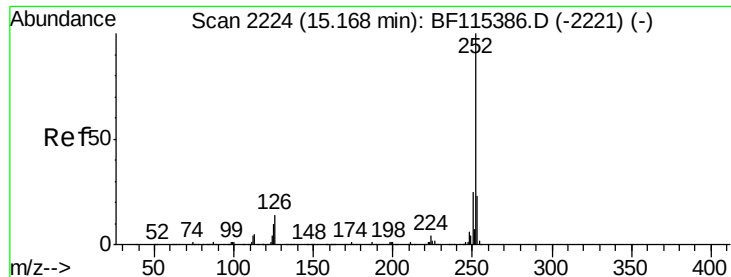
Tot Ion:264 Resp: 265635
Ion Ratio Lower Upper
264 100
260 24.5 20.1 30.1
265 23.7 17.8 26.6



#88
Benzo(b)fluoranthene
Concen: 40.111 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF115516.D
Acq: 12 Jul 2019 1:07

Tgt Ion:252 Resp: 693721
Ion Ratio Lower Upper
252 100
253 23.5 18.0 27.0
125 11.9 8.5 12.7

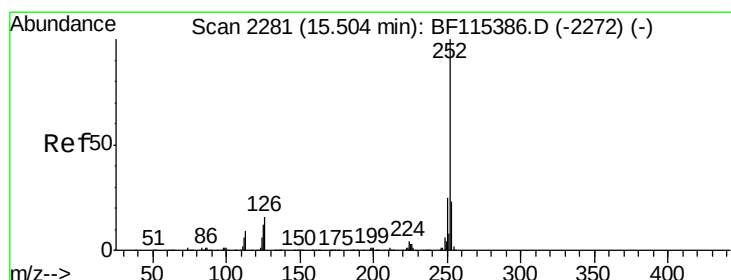
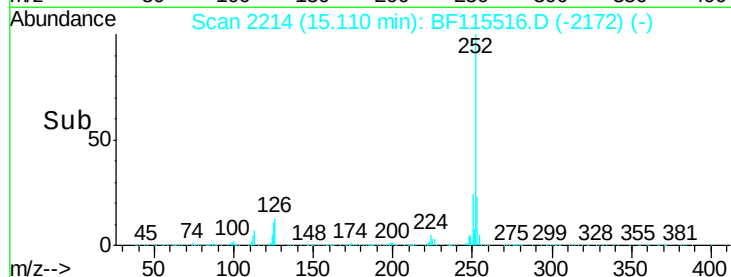
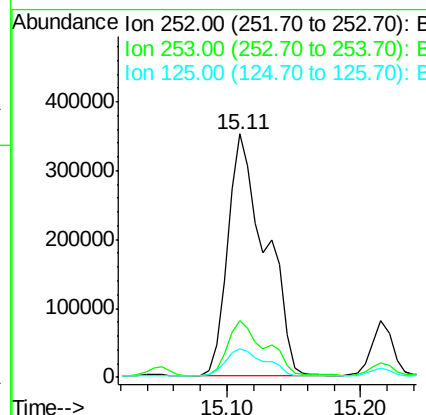
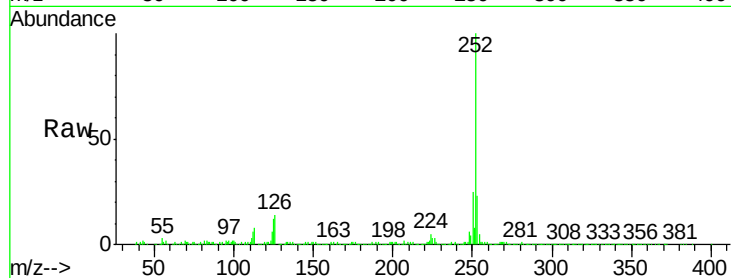




#89
Benzo(k)fluoranthene
Concen: 45.102 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.05 min
Lab File: BF115516.D
Acq: 12 Jul 2019 1:07

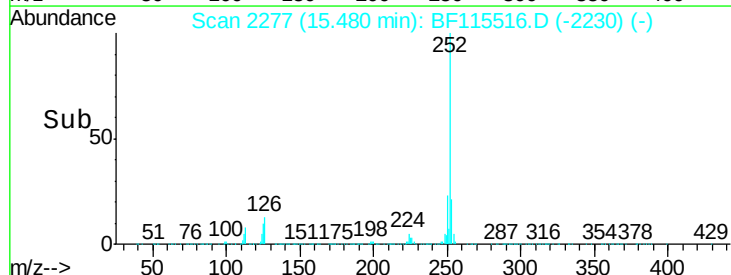
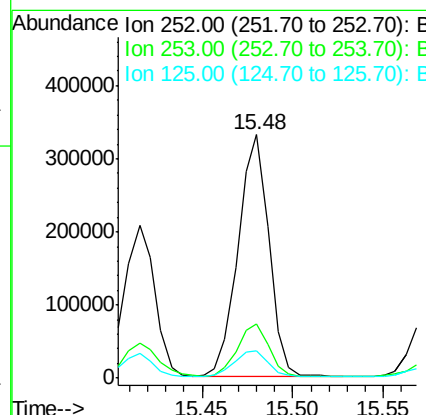
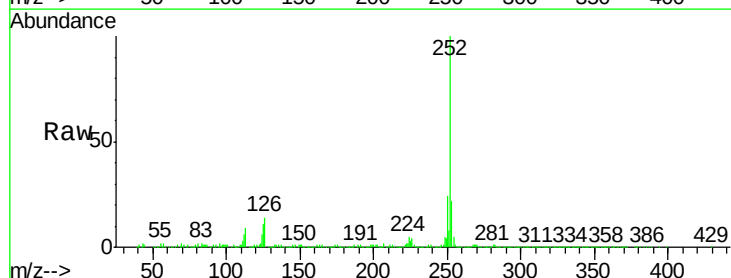
Instrument :
BNA_F
ClientSampleId :
PX-1_070919DL

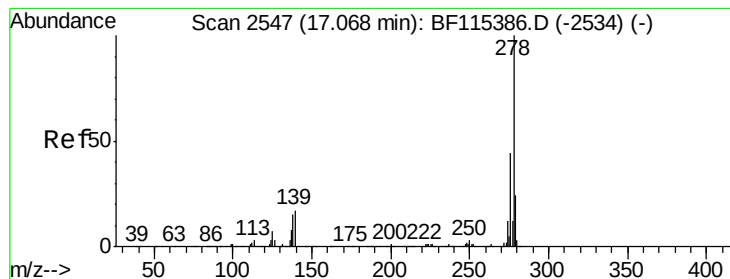
Tot Ion:252 Resp: 693721
Ion Ratio Lower Upper
252 100
253 23.5 18.0 27.0
125 11.9 8.6 13.0



#90
Benzo(a)pyrene
Concen: 26.387 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF115516.D
Acq: 12 Jul 2019 1:07

Tgt Ion:252 Resp: 393628
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.4 9.7 14.5





#91

Dibenzo(a,h)anthracene

Concen: 4.237 ng

RT: 17.04 min Scan# 2542

Delta R.T. -0.04 min

Lab File: BF115516.D

Acq: 12 Jul 2019 1:07

Instrument :

BNA_F

ClientSampleId :

PX-1_070919DL

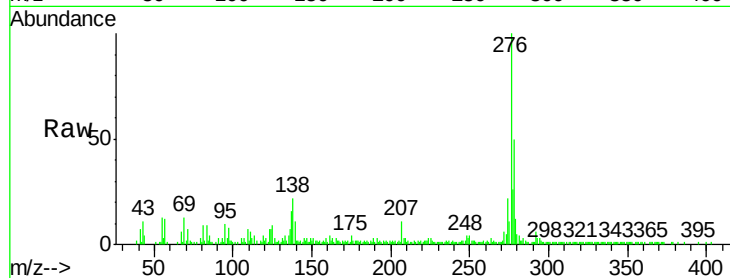
Tot Ion:278 Resp: 54009

Ion Ratio Lower Upper

278 100

139 21.4 13.0 19.6#

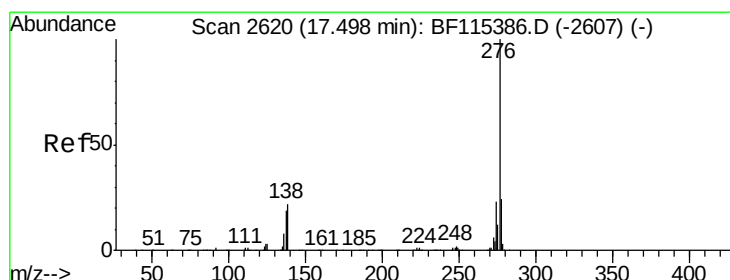
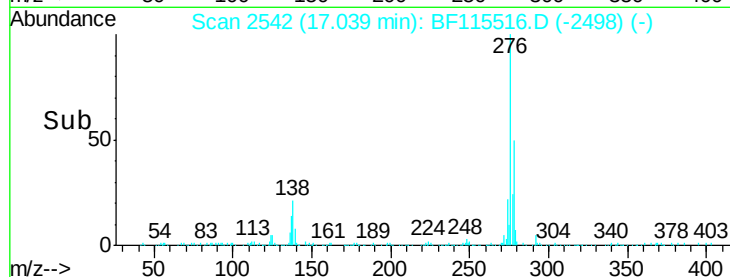
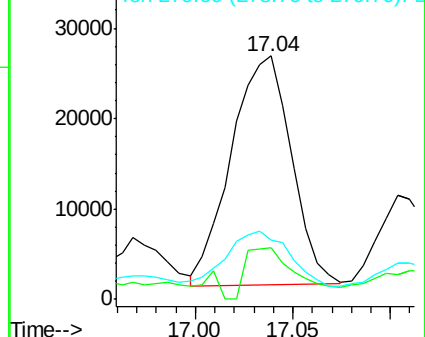
279 24.3 19.4 29.2



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: 14.402 ng

RT: 17.47 min Scan# 2616

Delta R.T. -0.04 min

Lab File: BF115516.D

Acq: 12 Jul 2019 1:07

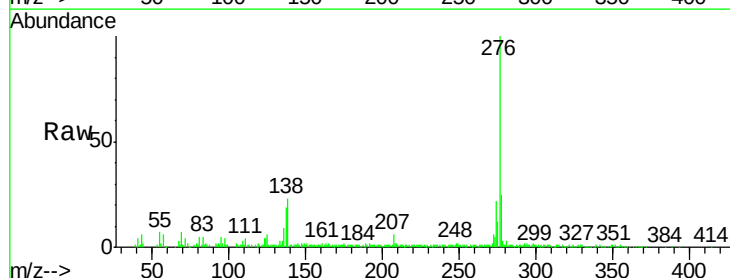
Tgt Ion:276 Resp: 173765

Ion Ratio Lower Upper

276 100

277 24.6 18.8 28.2

138 22.7 17.8 26.8



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

