

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
 Data File : BF119742.D
 Acq On : 4 Apr 2020 3:59
 Operator : MA/SJ
 Sample : L2129-41
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

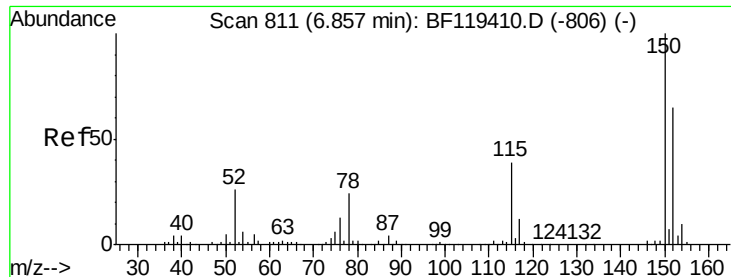
Quant Time: Apr 04 04:48:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	197045	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	745960	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	359685	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	613288	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	356939	20.00	ng	-0.02
87) Perylene-d12	15.43	264	398591	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1807738	146.05	ng	0.01
7) Phenol-d6	6.44	99	2338824	147.92	ng	0.00
23) Nitrobenzene-d5	7.37	82	1447356	105.45	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	555992	149.83	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2463275	101.46	ng	-0.01
79) Terphenyl-d14	12.93	244	2058805	113.01	ng	-0.01

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	192774	20.23	ng	# 73
25) Isophorone	7.37	82	1447343	51.98	ng	# 65
49) Acenaphthylene	9.70	152	135912	3.77	ng	97
50) Dimethylphthalate	9.56	163	300720	11.77	ng	98
52) Acenaphthene	9.87	154	74326	3.31	ng	97
54) 2,4-Dinitrophenol	10.16	184	129	7.32	ng	# 1
55) Dibenzofuran	10.05	168	75572	2.35	ng	# 96
58) Fluorene	10.39	166	95919	4.03	ng	98
67) 4-Bromophenyl-phenylether	10.64	248	34308	4.91	ng	# 1
71) Phenanthrene	11.36	178	2568036	80.75	ng	100
72) Anthracene	11.41	178	356636	11.03	ng	97
73) Carbazole	11.56	167	206686	6.46	ng	97
75) Fluoranthene	12.56	202	3690688	107.24	ng	99
78) Pyrene	12.79	202	3755046	128.19	ng	98
80) Butylbenzylphthalate	13.43	149	94797	8.00	ng	# 43
81) Benzo(a)anthracene	13.97	228	1564820	67.42	ng	96
83) Chrysene	14.01	228	1672335	69.81	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	50224	3.56	ng	# 79
86) Indeno(1,2,3-cd)pyrene	16.89	276	919387	40.75	ng	96
88) Benzo(b)fluoranthene	15.02	252	2775438	104.24	ng	# 96
89) Benzo(k)fluoranthene	15.02	252	2775438	109.47	ng	97
90) Benzo(a)pyrene	15.38	252	1519553	62.80	ng	99
91) Dibenzo(a,h)anthracene	16.89	278	222747	10.52	ng	96
92) Benzo(g,h,i)perylene	17.32	276	840190	39.52	ng	97

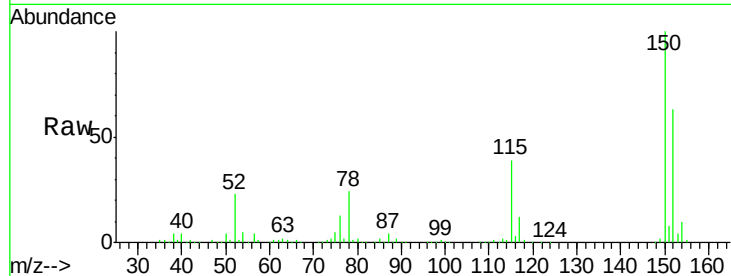
(#) = qualifier out of range (m) = manual integration (+) = signals summed



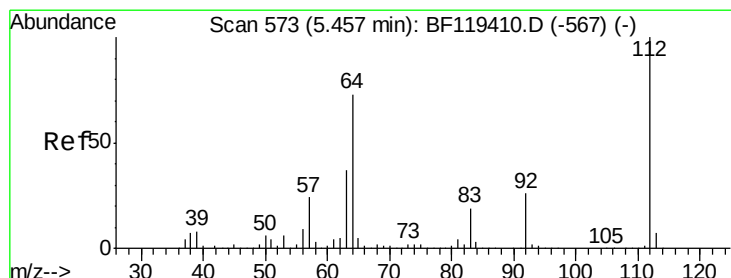
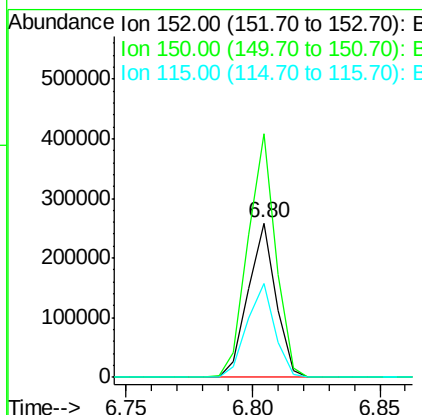
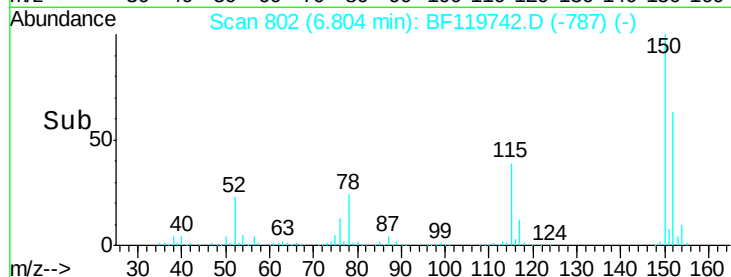
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF119742.D
 Acq: 4 Apr 2020 3:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion:152 Resp: 197045
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.5 186.7
 115 60.9 49.6 74.4

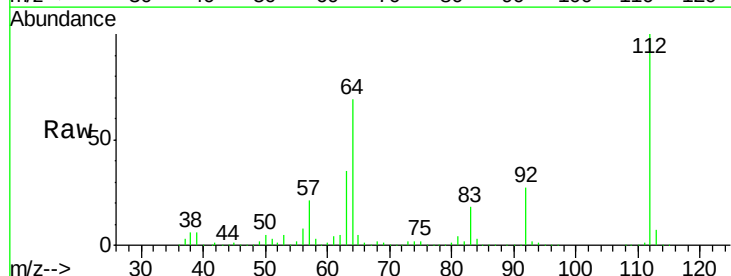


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

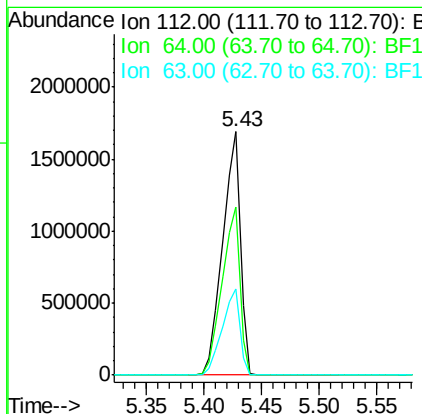
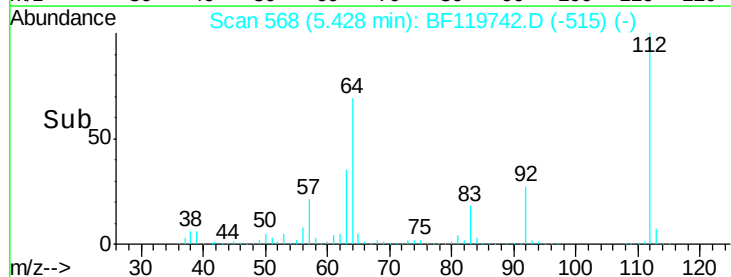


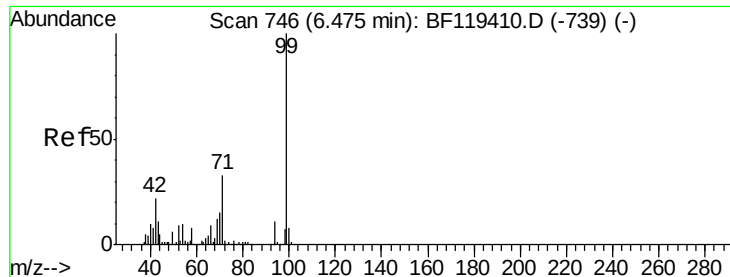
#5
 2-Fluorophenol
 Concen: 146.05 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF119742.D
 Acq: 4 Apr 2020 3:59

Tgt Ion:112 Resp: 1807738
 Ion Ratio Lower Upper
 112 100
 64 68.9 56.7 85.1
 63 35.2 29.5 44.3



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: 147.92 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119742.D

Acq: 4 Apr 2020 3:59

Instrument :

BNA_F

ClientSampled :

TP-3

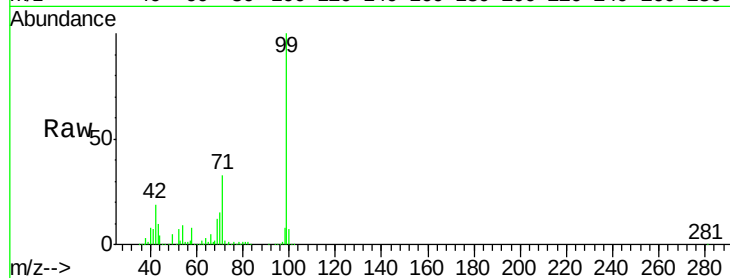
Tgt Ion: 99 Resp: 2338824

Ion Ratio Lower Upper

99 100

42 19.4 16.6 24.8

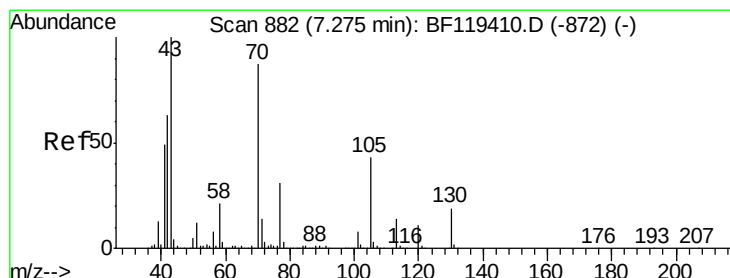
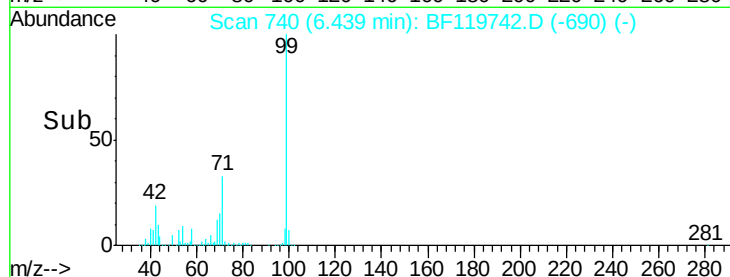
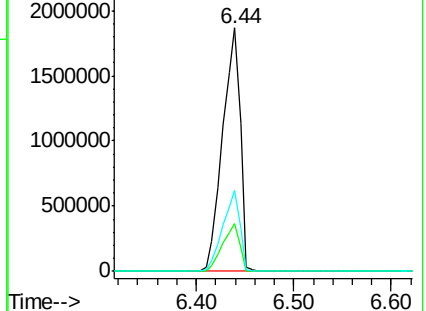
71 33.3 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 20.23 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF119742.D

Acq: 4 Apr 2020 3:59

Tgt Ion: 70 Resp: 192774

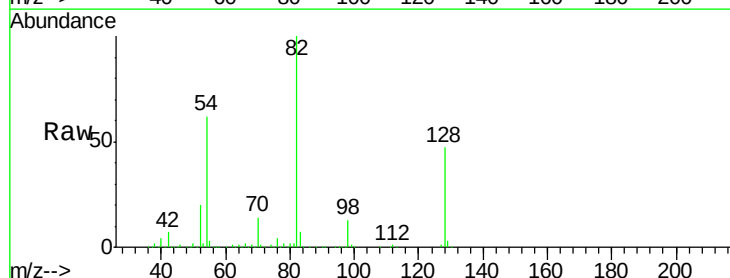
Ion Ratio Lower Upper

70 100

42 50.1 54.5 81.7#

101 0.0 7.6 11.4#

130 2.2 17.6 26.4#

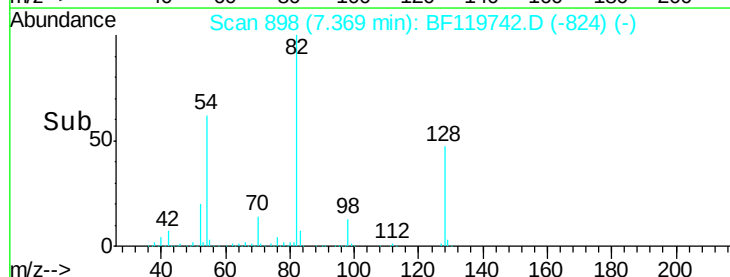
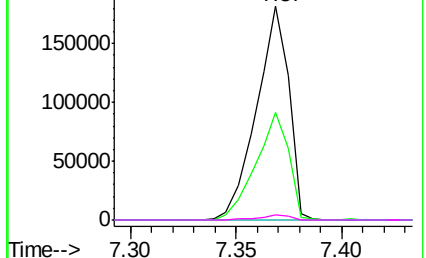


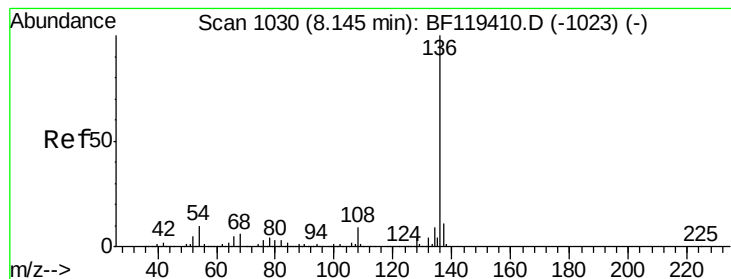
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF119742.D

Acq: 4 Apr 2020 3:59

Instrument :

BNA_F

ClientSampleId :

TP-3

Tgt Ion:136 Resp: 745960

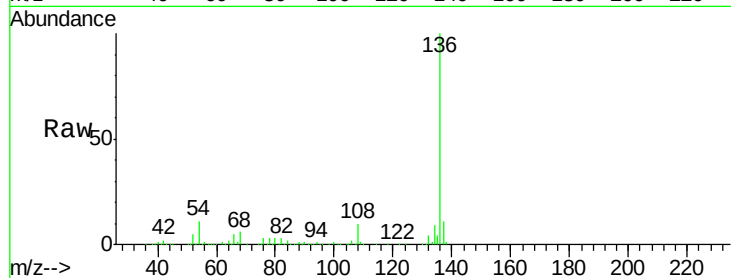
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 10.6 9.1 13.7

68 6.0 4.6 6.8

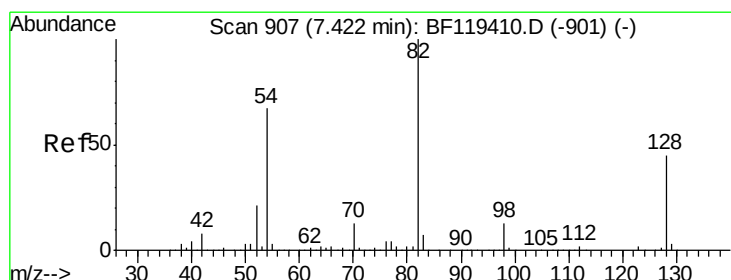
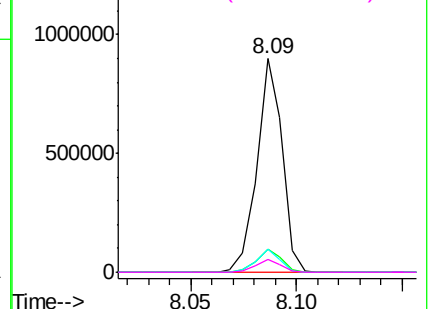
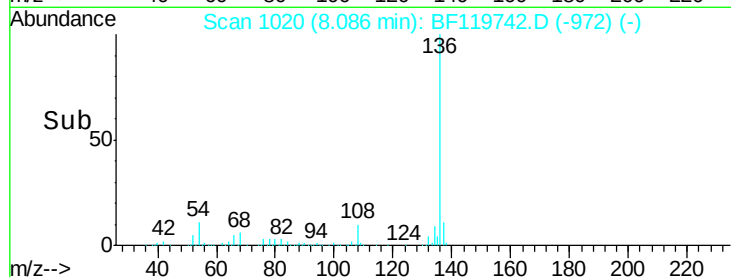


Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.45 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF119742.D

Acq: 4 Apr 2020 3:59

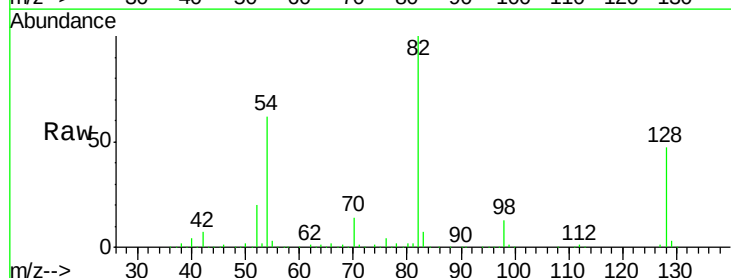
Tgt Ion: 82 Resp: 1447356

Ion Ratio Lower Upper

82 100

128 46.9 36.3 54.5

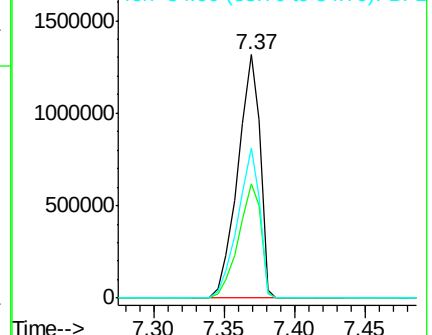
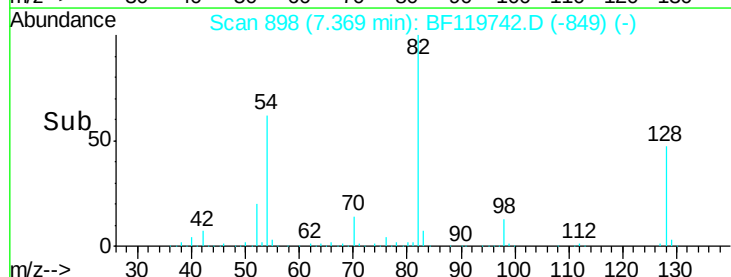
54 61.8 50.6 75.8

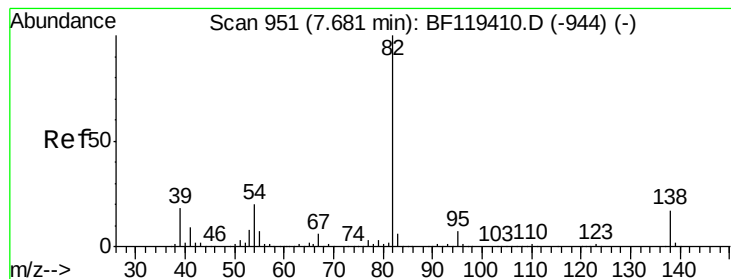


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 51.98 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF119742.D

Acq: 4 Apr 2020 3:59

Instrument :

BNA_F

ClientSampleId :

TP-3

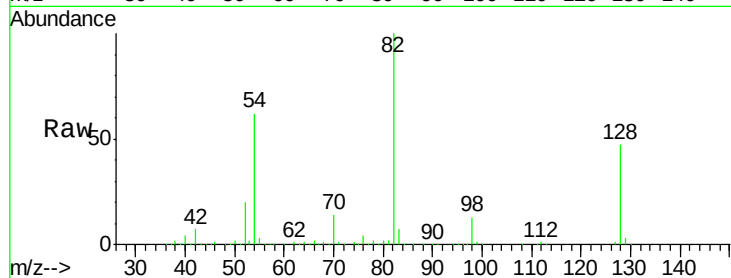
Tgt Ion: 82 Resp: 1447343

Ion Ratio Lower Upper

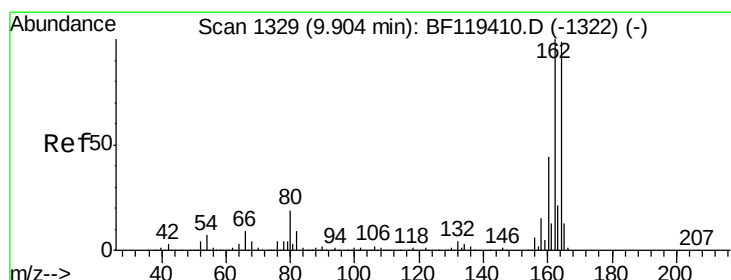
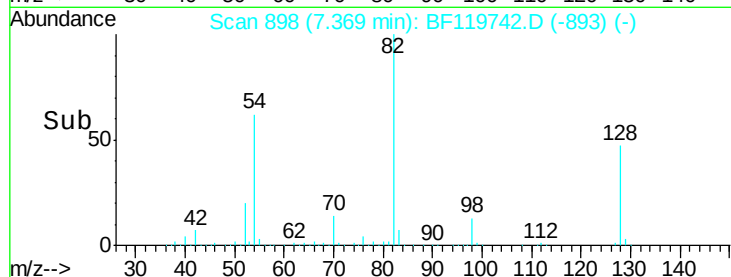
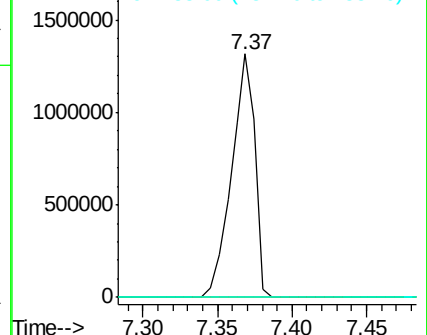
82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



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



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BF119742.D

Acq: 4 Apr 2020 3:59

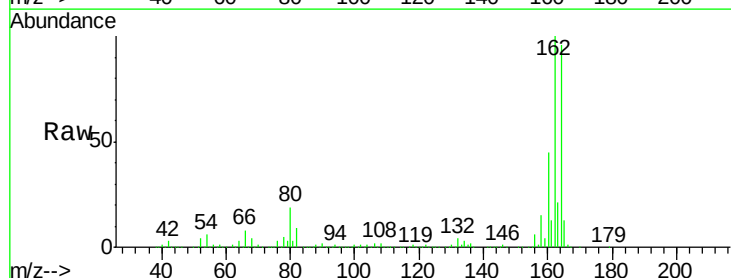
Tgt Ion: 164 Resp: 359685

Ion Ratio Lower Upper

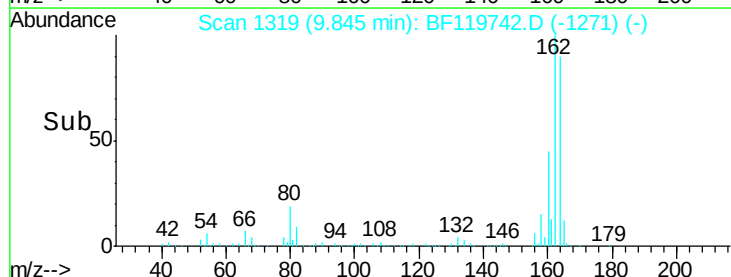
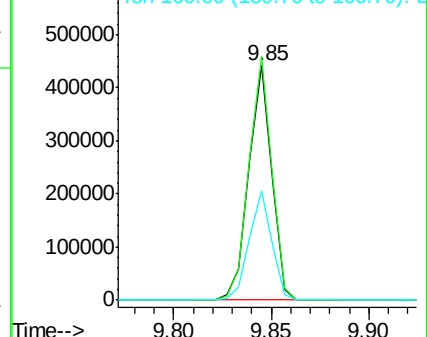
164 100

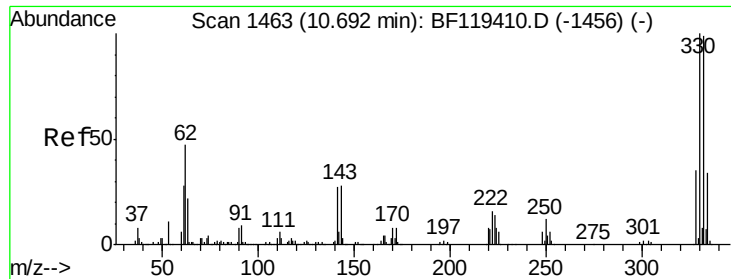
162 104.0 80.6 121.0

160 46.7 35.7 53.5



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

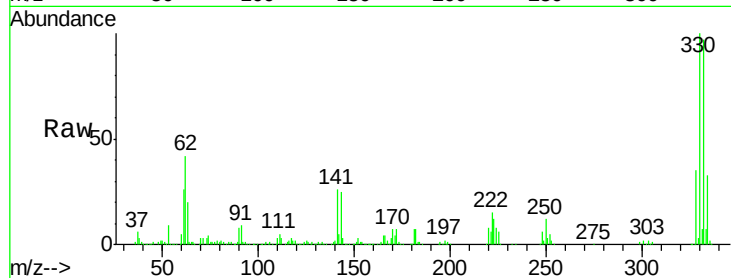




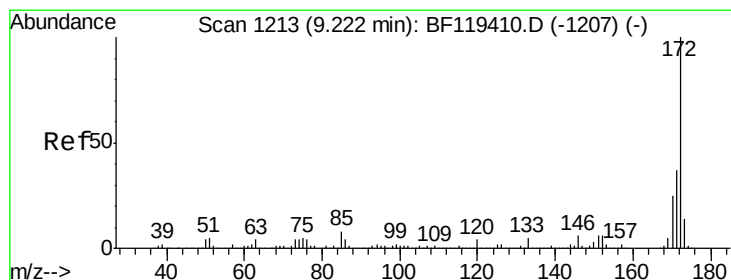
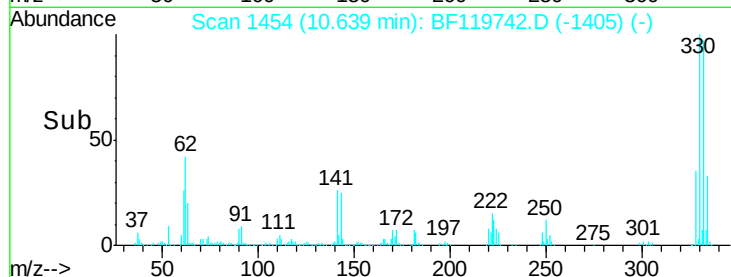
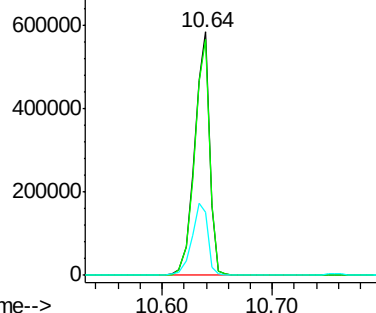
#42
 2,4,6-Tribromophenol
 Concen: 149.83 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF119742.D
 Acq: 4 Apr 2020 3:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion:330 Resp: 555992
 Ion Ratio Lower Upper
 330 100
 332 97.4 75.7 113.5
 141 31.1 25.4 38.0

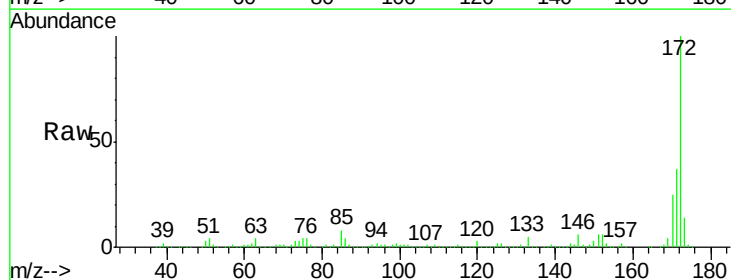


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

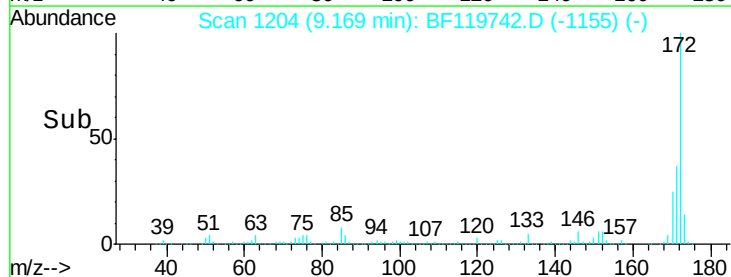
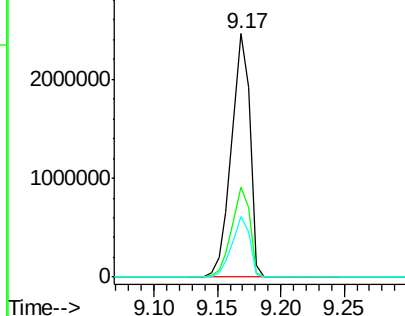


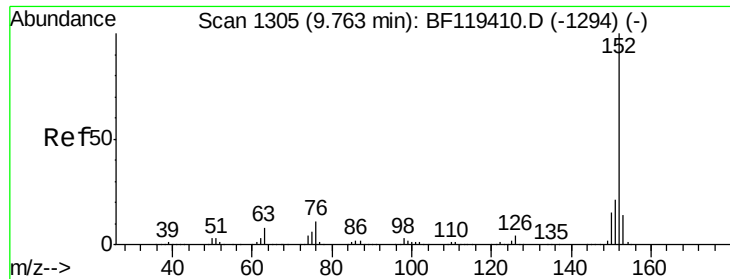
#45
 2-Fluorobiphenyl
 Concen: 101.46 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF119742.D
 Acq: 4 Apr 2020 3:59

Tgt Ion:172 Resp: 2463275
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 24.8 20.2 30.2



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: 3.77 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF119742.D

Acq: 4 Apr 2020 3:59

Instrument :

BNA_F

ClientSampleId :

TP-3

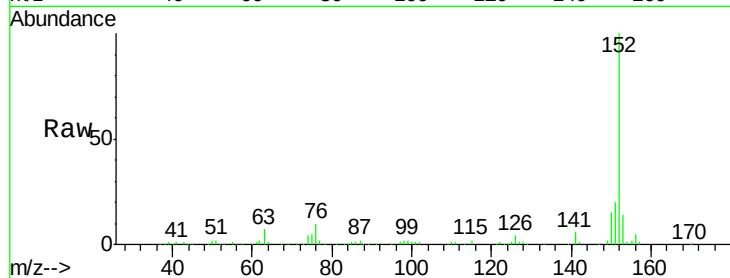
Tgt Ion:152 Resp: 135912

Ion Ratio Lower Upper

152 100

151 19.6 17.2 25.8

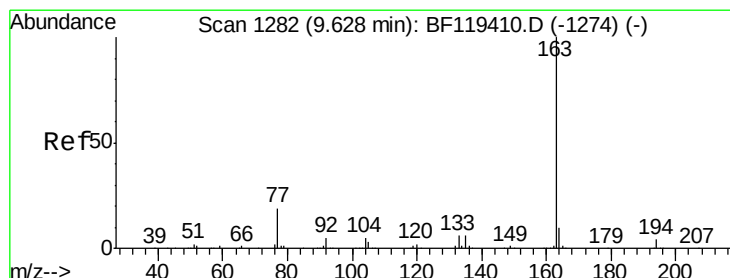
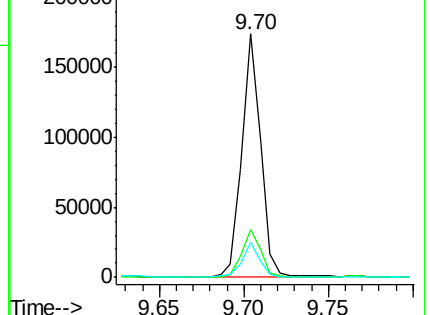
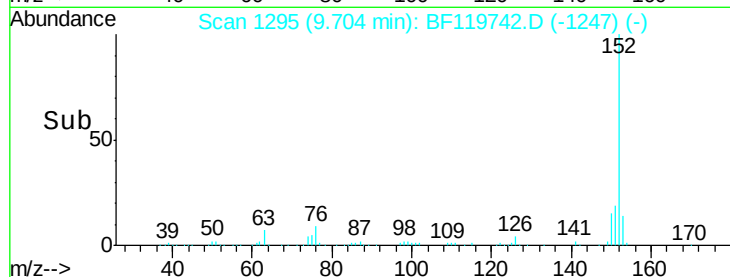
153 14.5 11.2 16.8



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: 11.77 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF119742.D

Acq: 4 Apr 2020 3:59

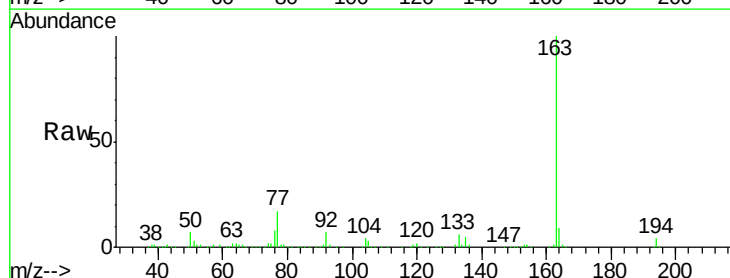
Tgt Ion:163 Resp: 300720

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

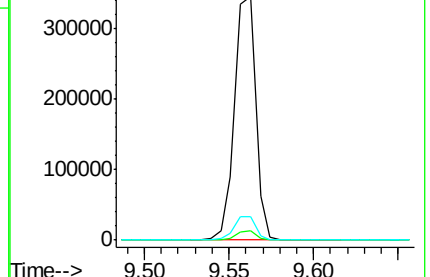
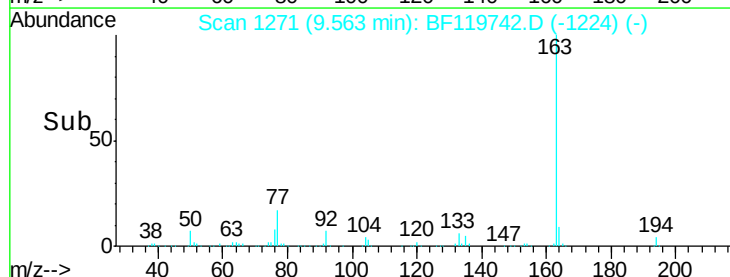
164 9.4 8.2 12.2

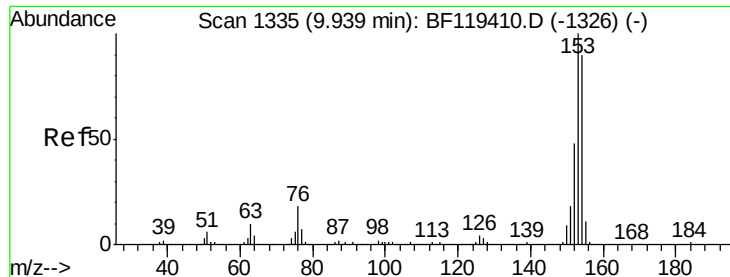


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 3.31 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BF119742.D

Acq: 4 Apr 2020 3:59

Instrument :

BNA_F

ClientSampleId :

TP-3

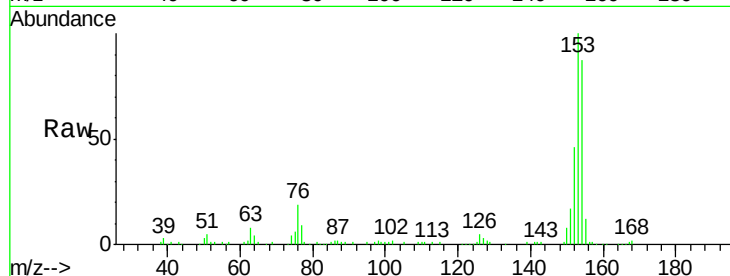
Tgt Ion:154 Resp: 74326

Ion Ratio Lower Upper

154 100

153 115.1 88.1 132.1

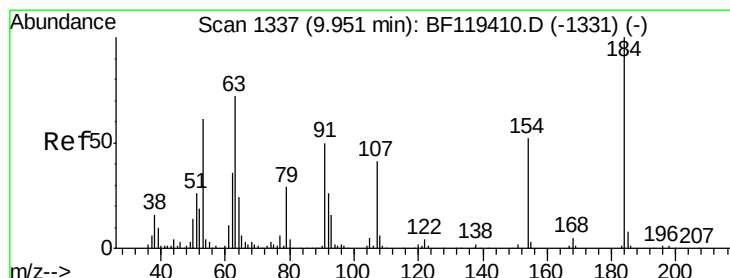
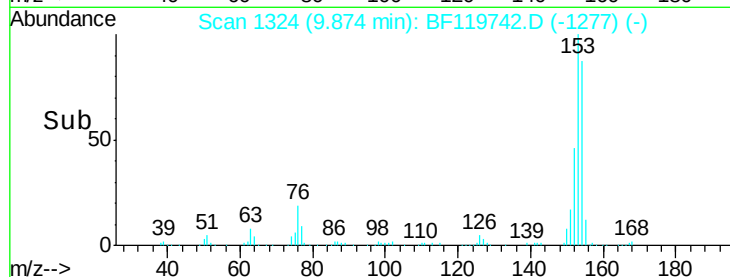
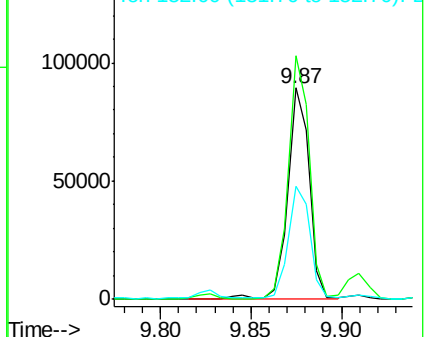
152 53.4 43.0 64.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

2,4-Dinitrophenol

Concen: 7.32 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.25 min

Lab File: BF119742.D

Acq: 4 Apr 2020 3:59

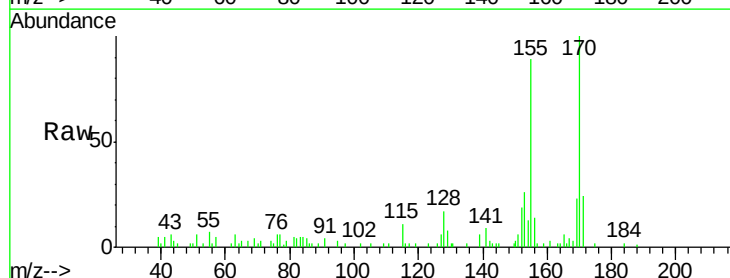
Tgt Ion:184 Resp: 129

Ion Ratio Lower Upper

184 100

63 329.6 50.2 75.4#

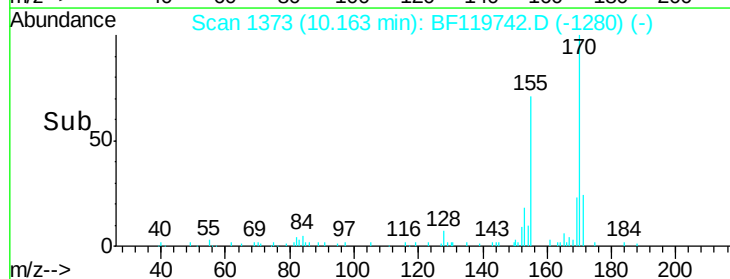
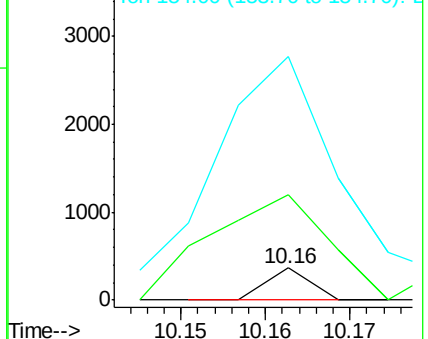
154 759.2 44.5 66.7#

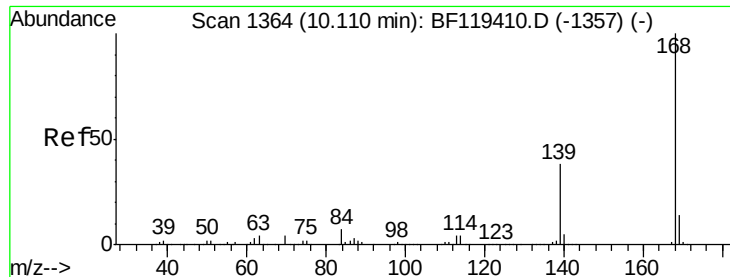


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 2.35 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.02 min

Lab File: BF119742.D

Acq: 4 Apr 2020 3:59

Instrument :

BNA_F

ClientSampleId :

TP-3

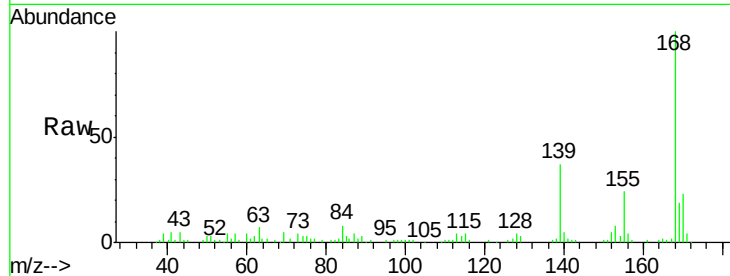
Tgt Ion:168 Resp: 75572

Ion Ratio Lower Upper

168 100

139 36.9 30.1 45.1

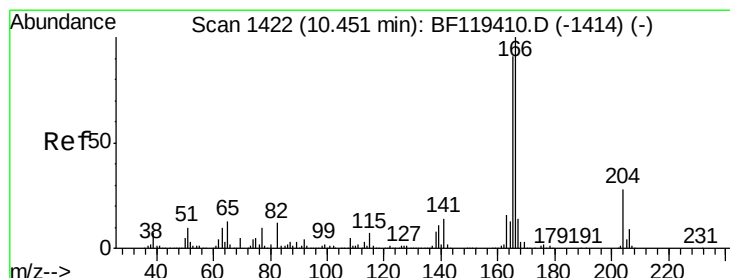
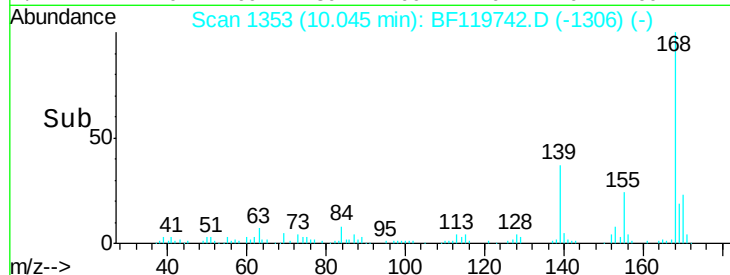
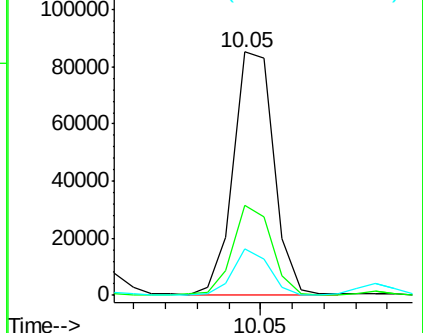
169 19.2 11.0 16.6#



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: 4.03 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.02 min

Lab File: BF119742.D

Acq: 4 Apr 2020 3:59

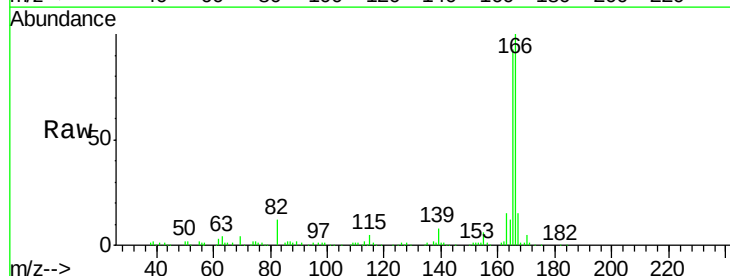
Tgt Ion:166 Resp: 95919

Ion Ratio Lower Upper

166 100

165 92.8 75.4 113.2

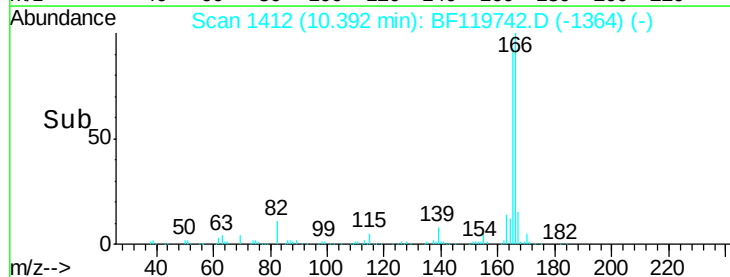
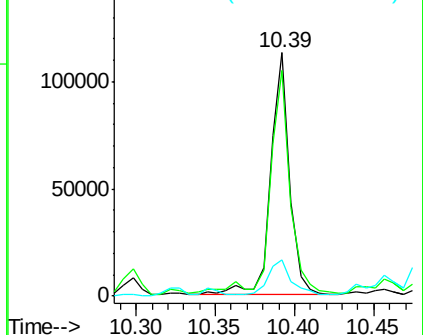
167 15.1 11.2 16.8

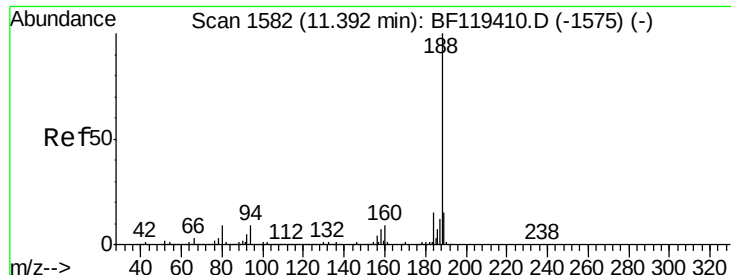


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

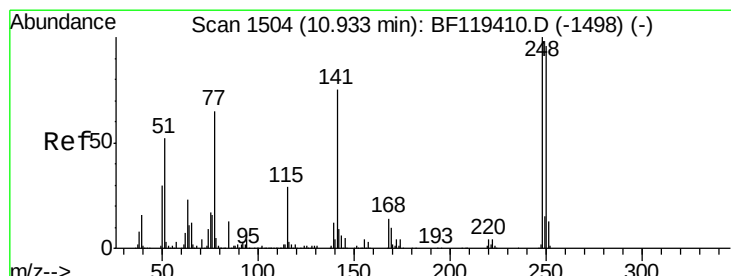
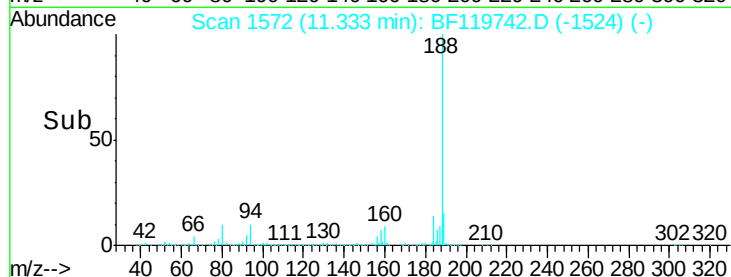
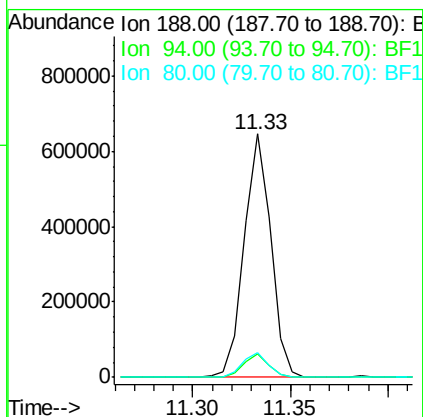
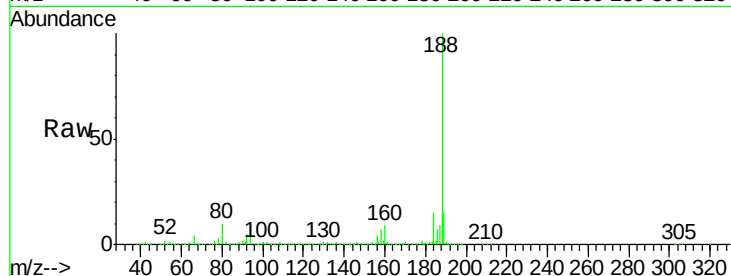




#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.02 min
 Lab File: BF119742.D
 Acq: 4 Apr 2020 3:59

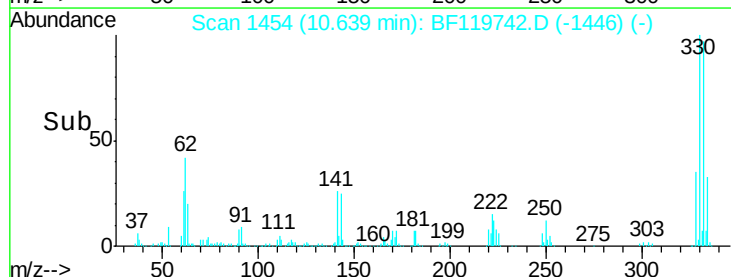
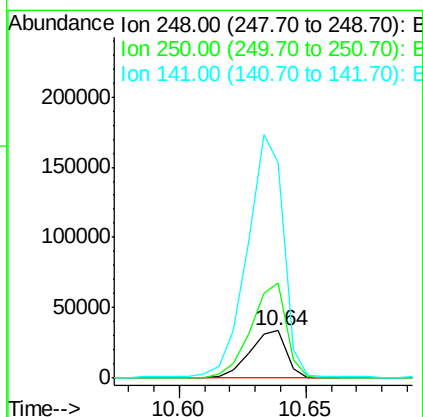
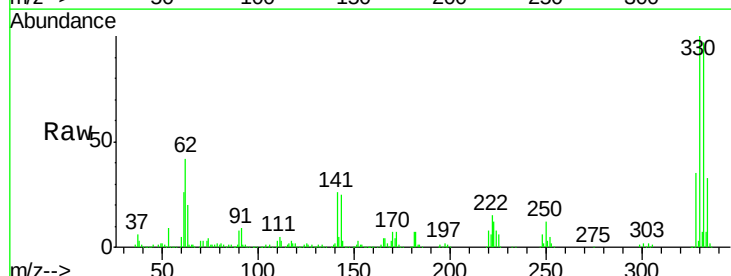
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

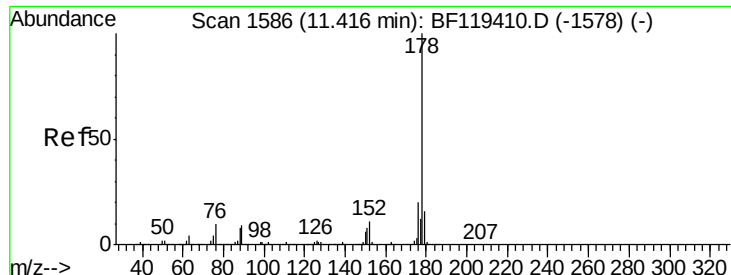
Tgt Ion:	188	Resp:	613288
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.5	11.3
80	9.9	9.0	13.4



#67
 4-Bromophenyl-phenylether
 Concen: 4.91 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.25 min
 Lab File: BF119742.D
 Acq: 4 Apr 2020 3:59

Tgt Ion:	248	Resp:	34308
Ion	Ratio	Lower	Upper
248	100		
250	198.6	77.3	115.9#
141	451.1	58.6	87.8#

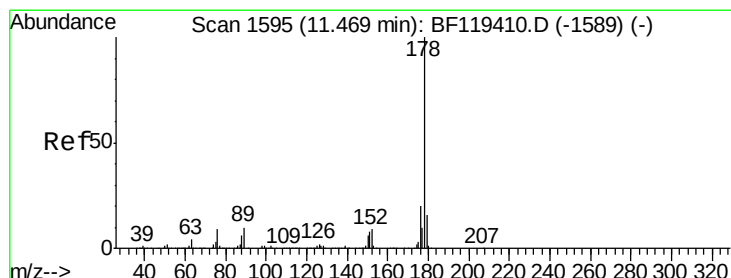
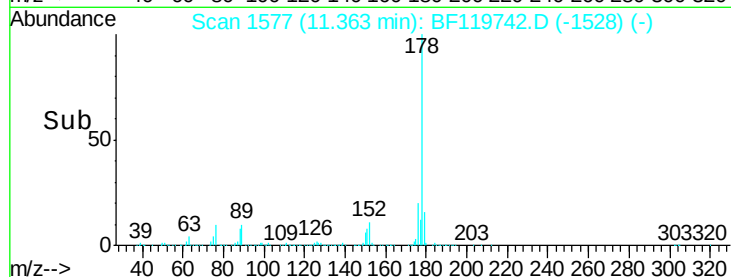
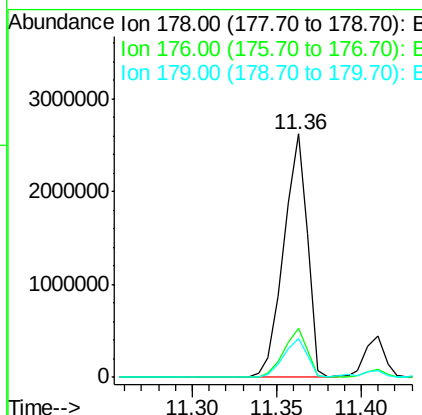
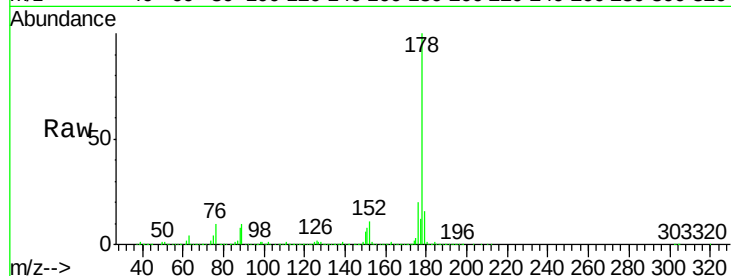




#71
Phenanthrene
Concen: 80.75 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119742.D
Acq: 4 Apr 2020 3:59

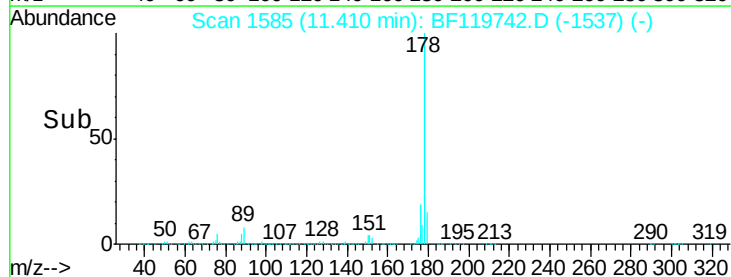
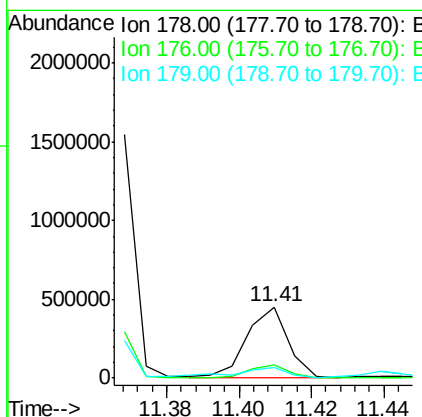
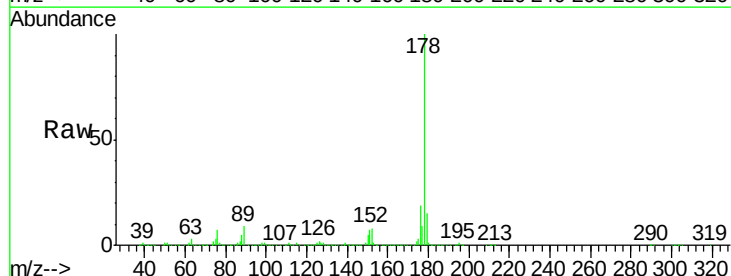
Instrument :
BNA_F
ClientSampleId :
TP-3

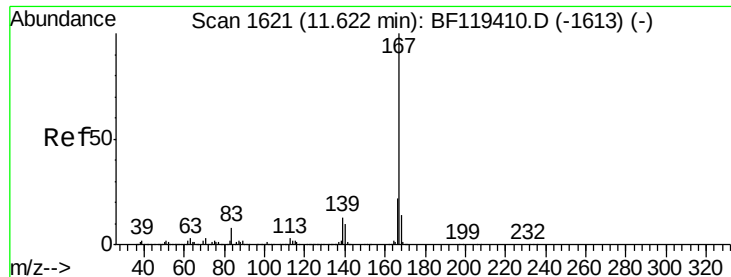
Tgt Ion:178 Resp: 2568036
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 16.2 13.2 19.8



#72
Anthracene
Concen: 11.03 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.02 min
Lab File: BF119742.D
Acq: 4 Apr 2020 3:59

Tgt Ion:178 Resp: 356636
Ion Ratio Lower Upper
178 100
176 18.9 16.1 24.1
179 14.8 13.0 19.4

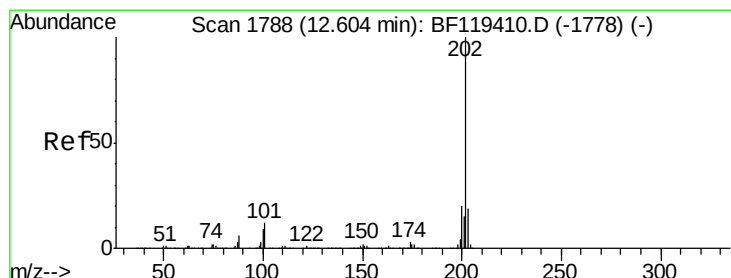
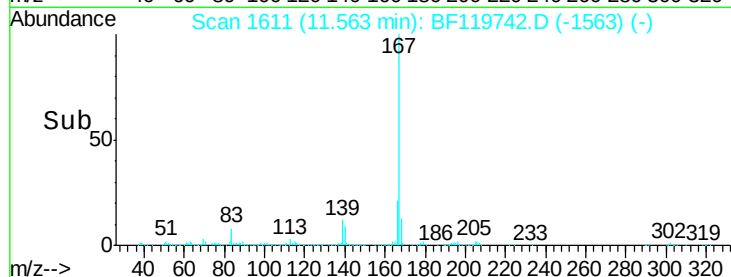
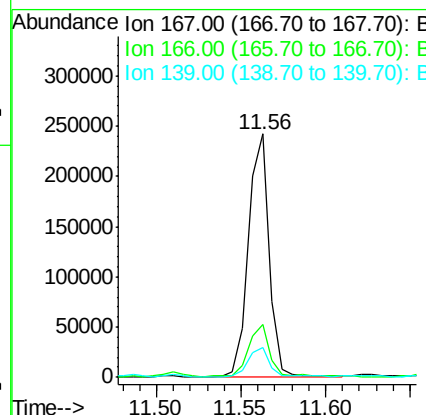
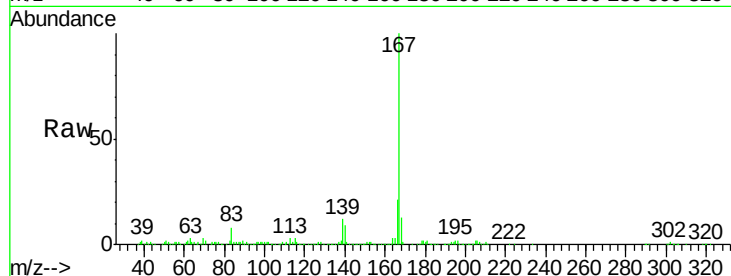




#73
 Carbazole
 Concen: 6.46 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.02 min
 Lab File: BF119742.D
 Acq: 4 Apr 2020 3:59

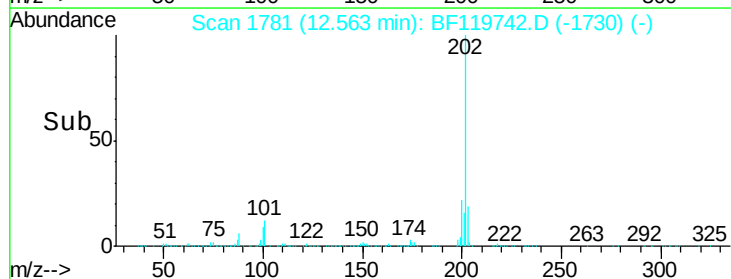
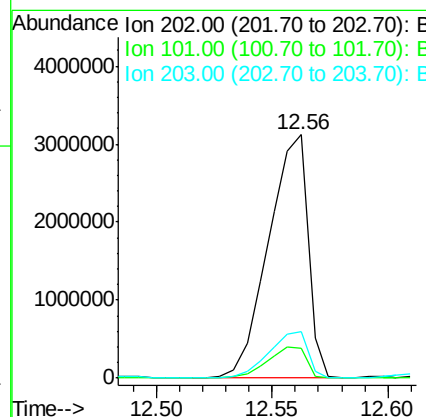
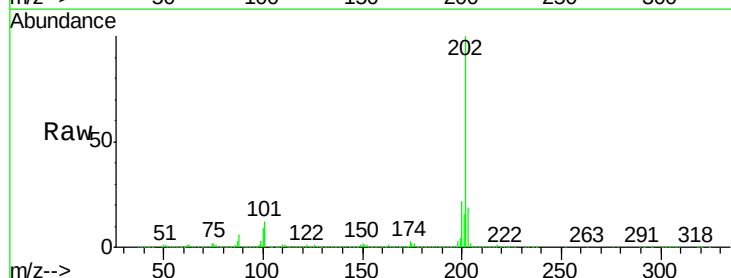
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

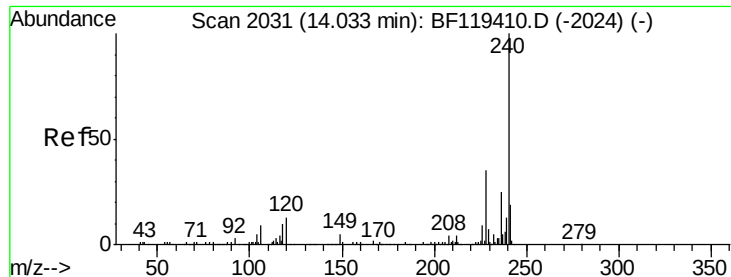
Tgt Ion:167 Resp: 206686
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.2 27.4
 139 12.3 10.7 16.1



#75
 Fluoranthene
 Concen: 107.24 ng
 RT: 12.56 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BF119742.D
 Acq: 4 Apr 2020 3:59

Tgt Ion:202 Resp: 3690688
 Ion Ratio Lower Upper
 202 100
 101 12.2 0.0 32.2
 203 19.3 0.0 38.8

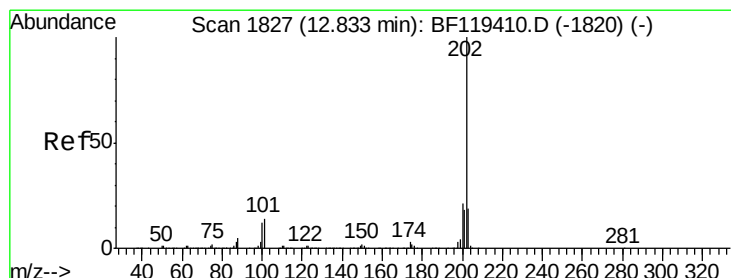
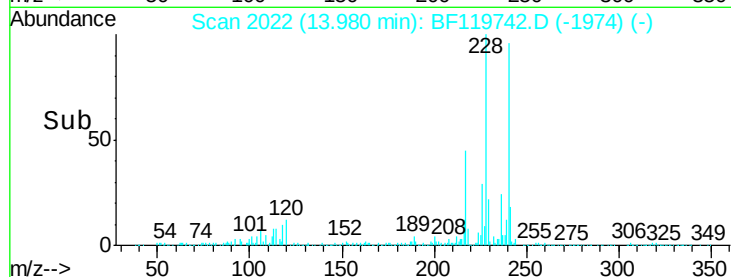
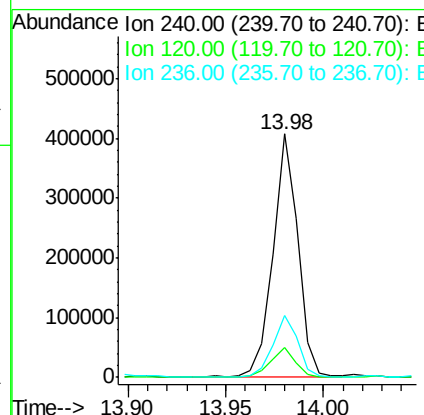
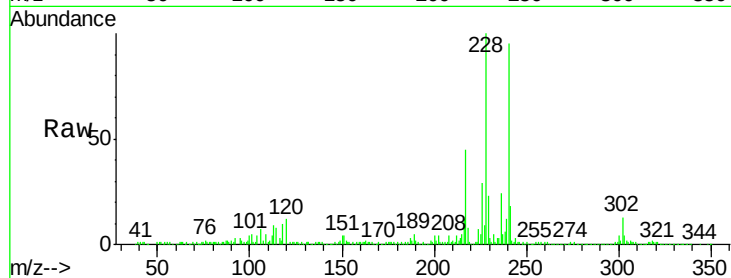




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF119742.D
Acq: 4 Apr 2020 3:59

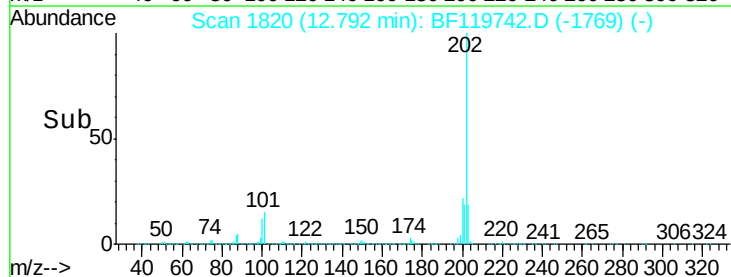
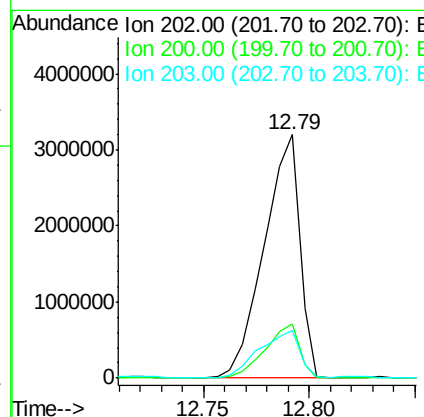
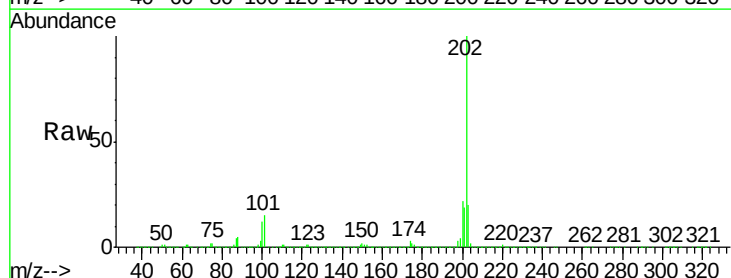
Instrument :
BNA_F
ClientSampleId :
TP-3

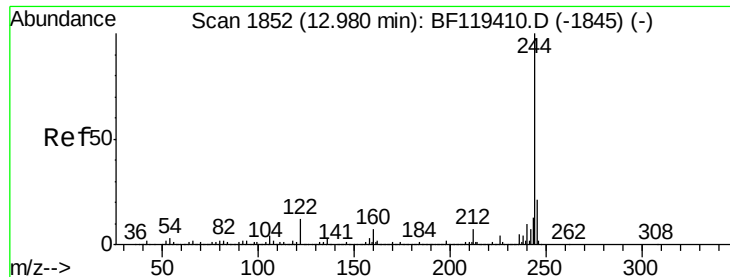
Tgt Ion:240 Resp: 356939
Ion Ratio Lower Upper
240 100
120 12.2 10.6 15.8
236 25.3 20.2 30.2



#78
Pyrene
Concen: 128.19 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BF119742.D
Acq: 4 Apr 2020 3:59

Tgt Ion:202 Resp: 3755046
Ion Ratio Lower Upper
202 100
200 22.0 16.8 25.2
203 19.7 15.1 22.7





#79

Terphenyl-d14

Concen: 113.01 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF119742.D

Acq: 4 Apr 2020 3:59

Instrument :

BNA_F

ClientSampleID :

TP-3

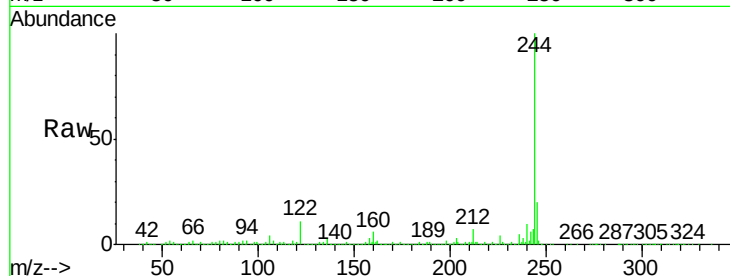
Tgt Ion:244 Resp: 2058805

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

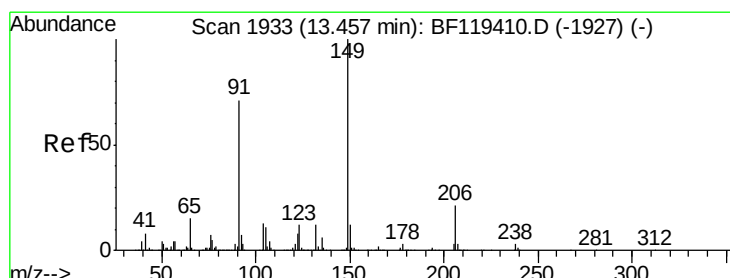
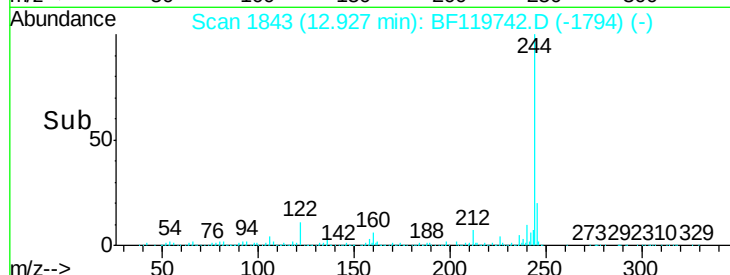
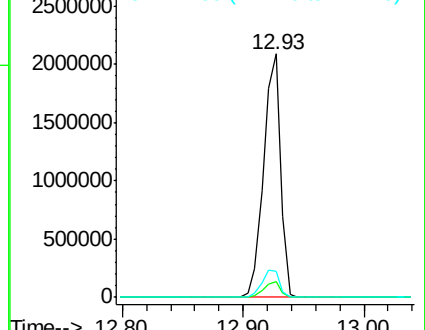
122 10.9 10.3 15.5



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



#80

Butylbenzylphthalate

Concen: 8.00 ng

RT: 13.43 min Scan# 1929

Delta R.T. 0.02 min

Lab File: BF119742.D

Acq: 4 Apr 2020 3:59

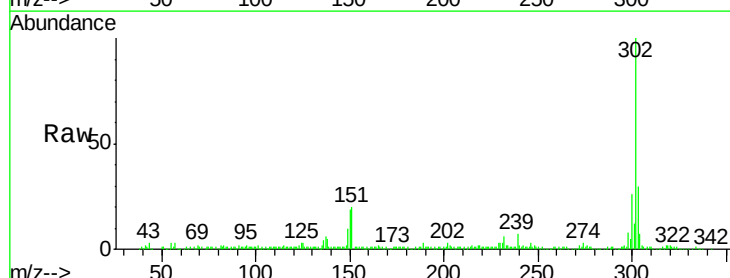
Tgt Ion:149 Resp: 94797

Ion Ratio Lower Upper

149 100

91 17.2 54.7 82.1#

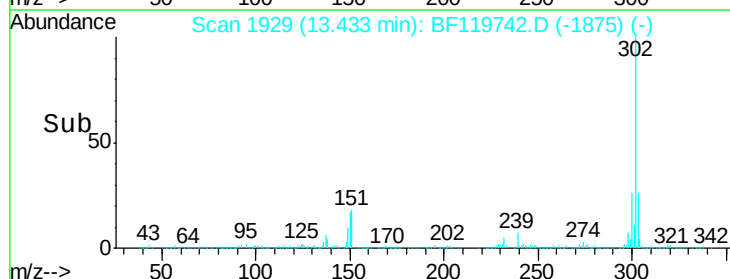
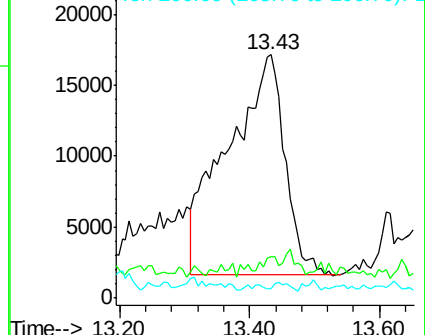
206 3.6 16.2 24.2#

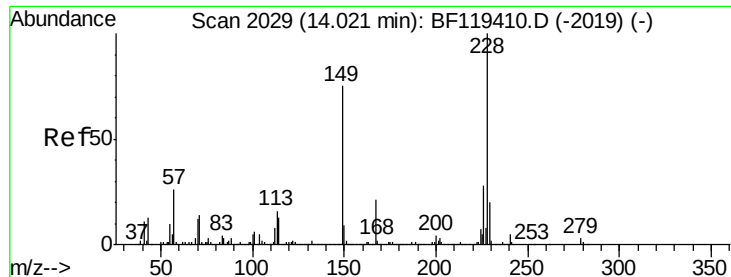


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

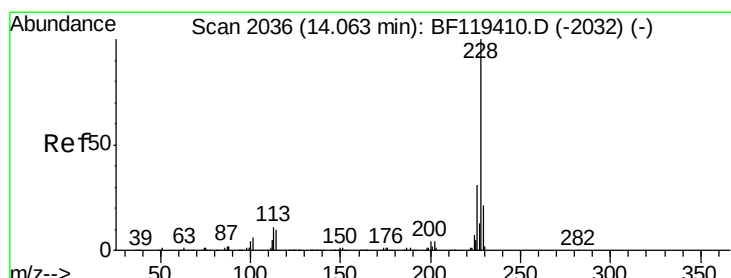
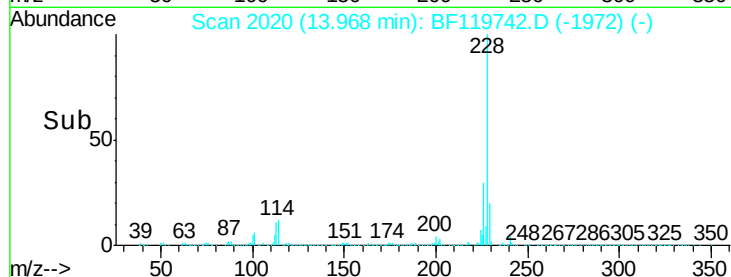
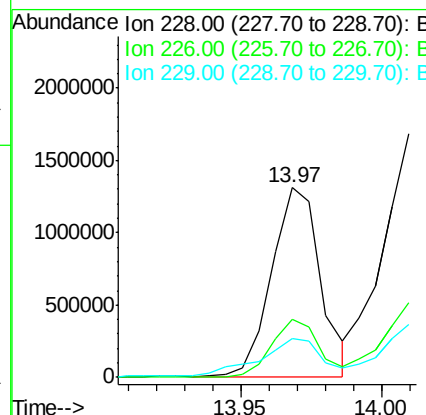
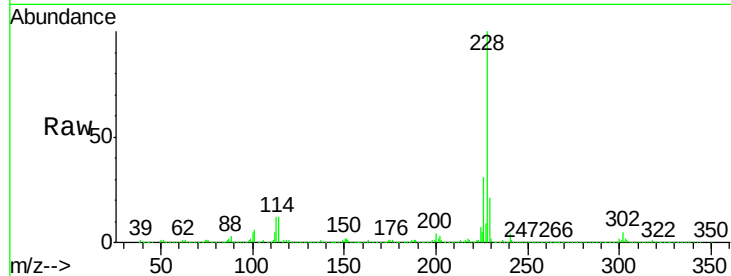




#81
Benzo(a)anthracene
Concen: 67.42 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF119742.D
Acq: 4 Apr 2020 3:59

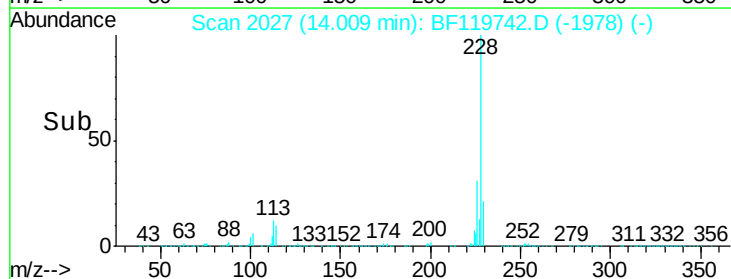
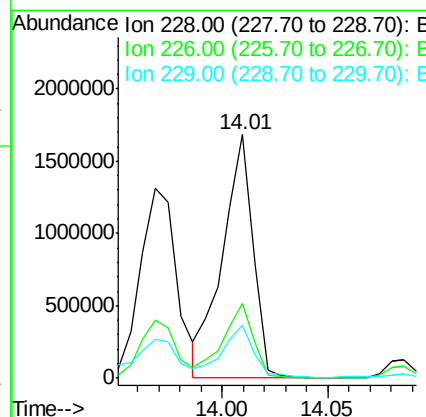
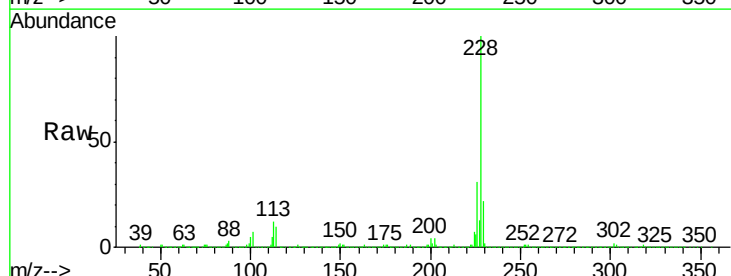
Instrument :
BNA_F
ClientSampleId :
TP-3

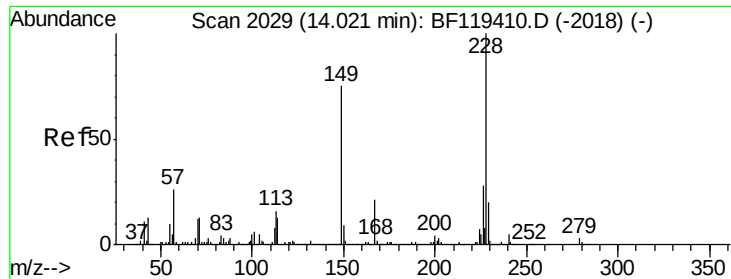
Tgt Ion:228 Resp: 1564820
Ion Ratio Lower Upper
228 100
226 30.5 21.8 32.8
229 20.7 16.2 24.4



#83
Chrysene
Concen: 69.81 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119742.D
Acq: 4 Apr 2020 3:59

Tgt Ion:228 Resp: 1672335
Ion Ratio Lower Upper
228 100
226 30.8 25.4 38.0
229 21.7 16.6 24.8

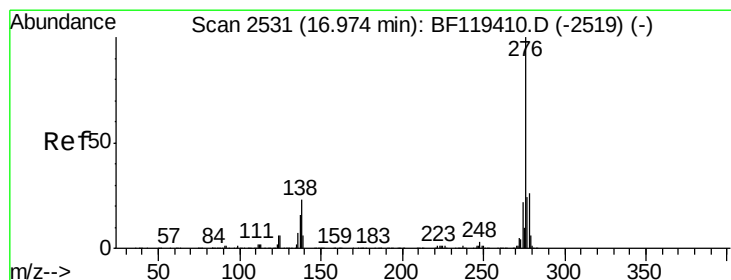
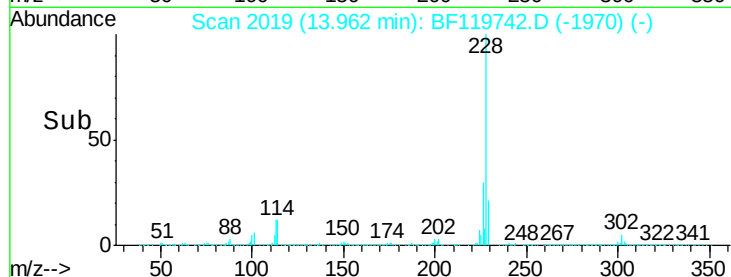
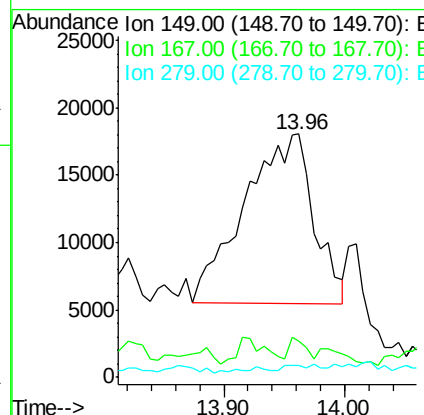
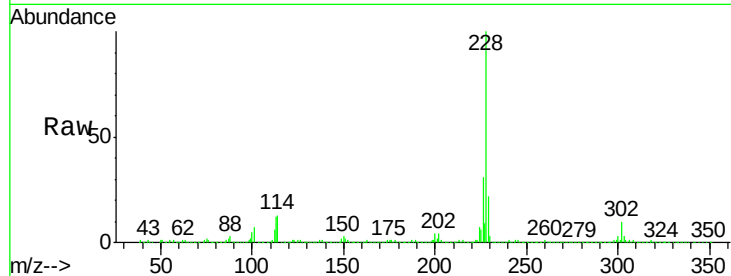




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.56 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF119742.D
Acq: 4 Apr 2020 3:59

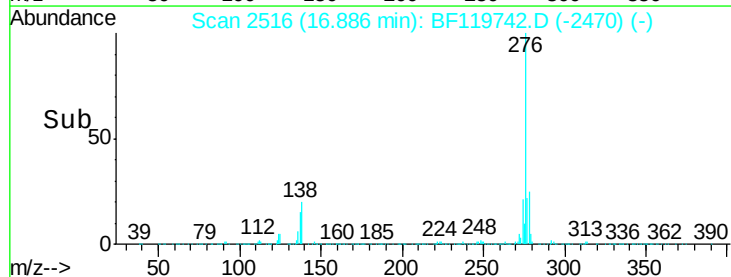
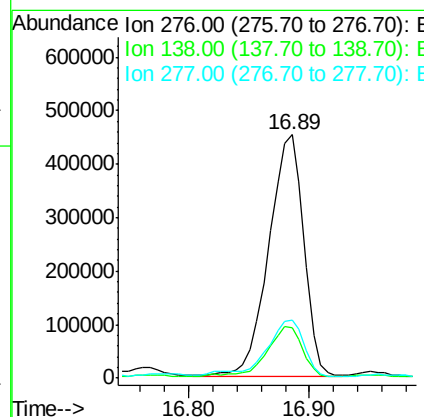
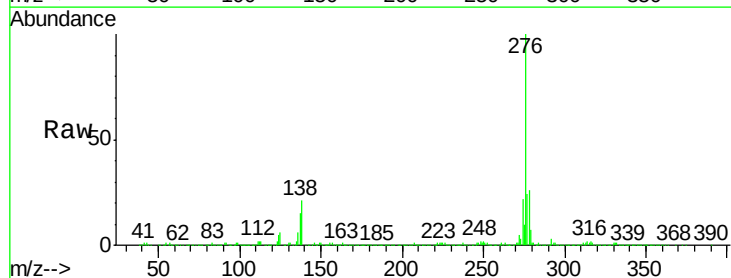
Instrument :
BNA_F
ClientSampleId :
TP-3

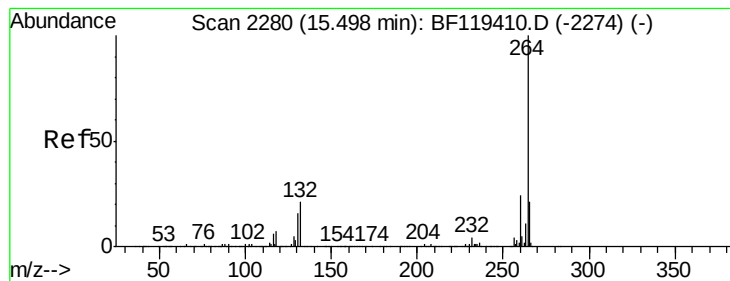
Tgt Ion:149 Resp: 50224
Ion Ratio Lower Upper
149 100
167 15.0 21.3 31.9#
279 4.9 2.7 4.1#



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.75 ng
RT: 16.89 min Scan# 2516
Delta R.T. -0.03 min
Lab File: BF119742.D
Acq: 4 Apr 2020 3:59

Tgt Ion:276 Resp: 919387
Ion Ratio Lower Upper
276 100
138 21.7 19.6 29.4
277 24.0 20.0 30.0





#87

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.02 min

Lab File: BF119742.D

Acq: 4 Apr 2020 3:59

Instrument :

BNA_F

ClientSampleId :

TP-3

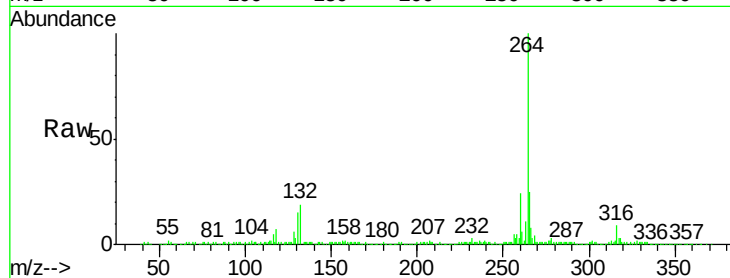
Tgt Ion:264 Resp: 398591

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

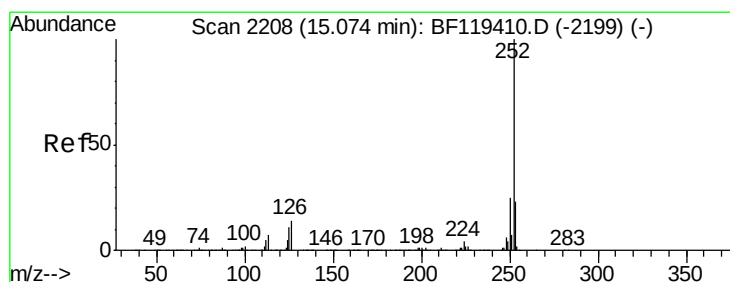
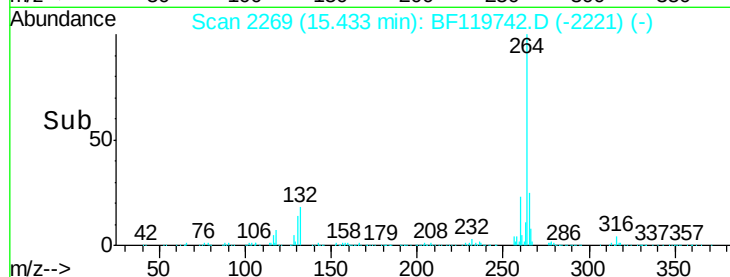
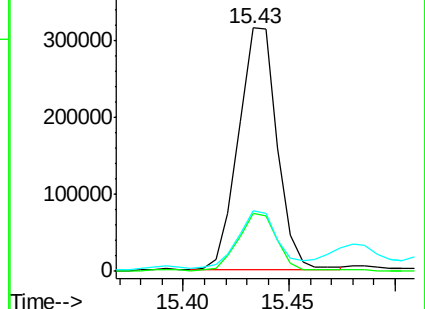
265 24.9 17.7 26.5



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: 104.24 ng

RT: 15.02 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BF119742.D

Acq: 4 Apr 2020 3:59

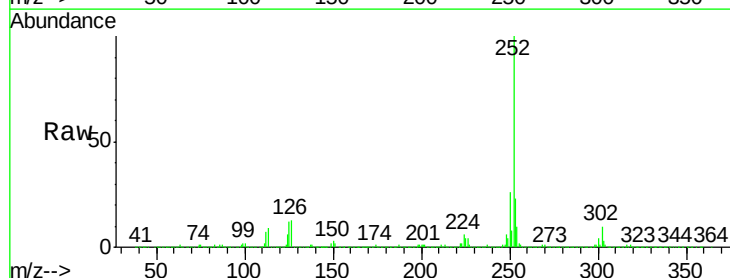
Tgt Ion:252 Resp: 2775438

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.0

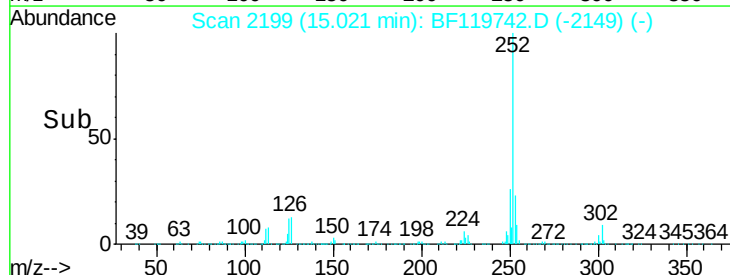
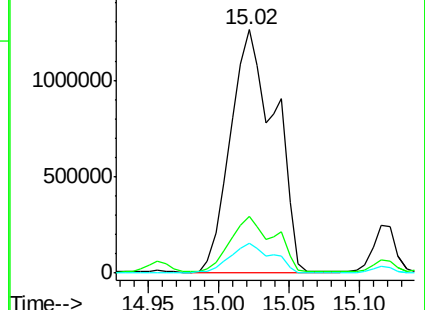
125 12.2 7.9 11.9#

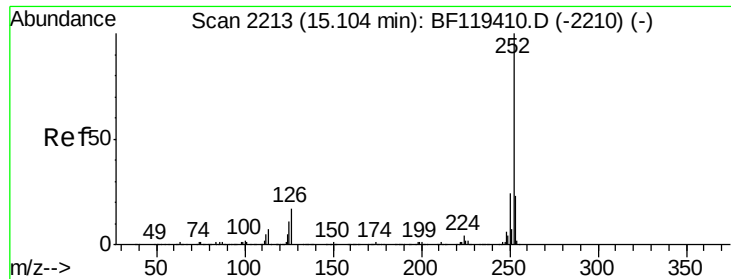


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

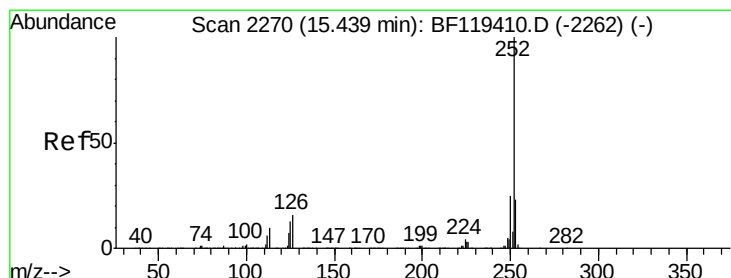
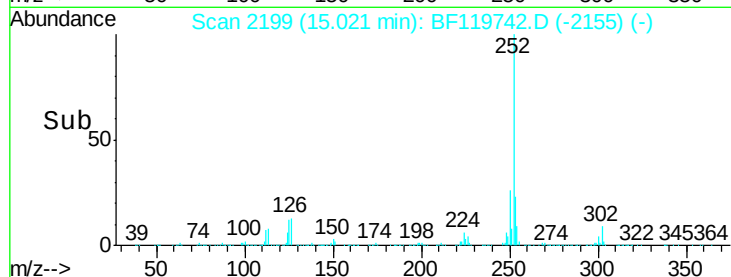
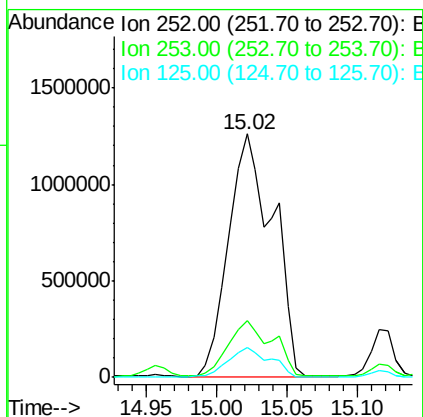
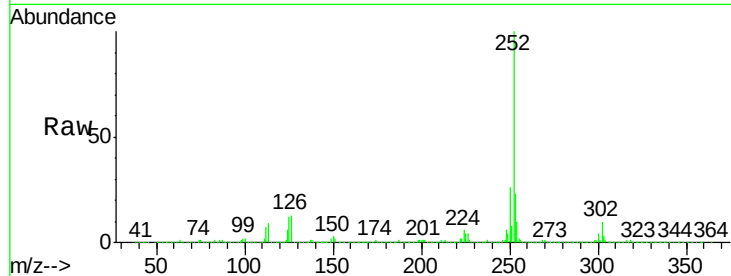




#89
Benzo(k)fluoranthene
Concen: 109.47 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BF119742.D
Acq: 4 Apr 2020 3:59

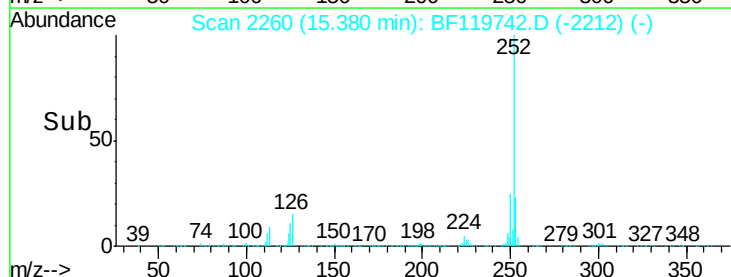
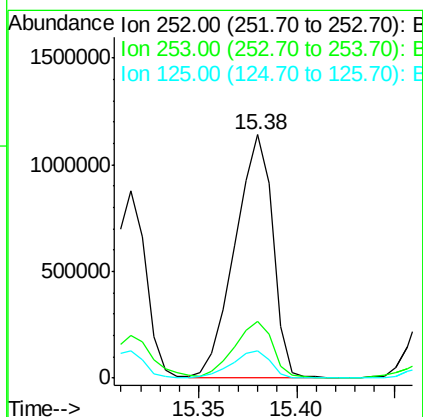
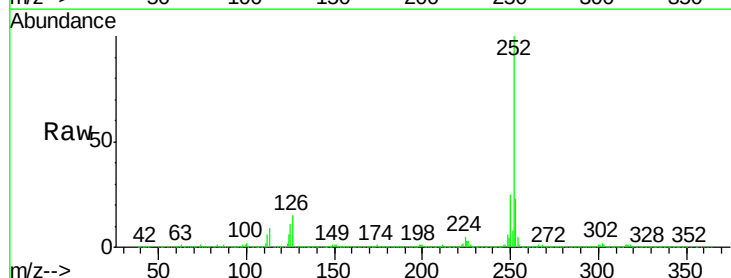
Instrument :
BNA_F
ClientSampleId :
TP-3

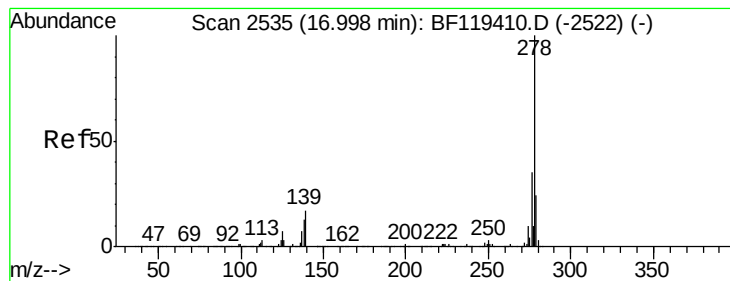
Tgt Ion:252 Resp: 2775438
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 12.2 8.4 12.6



#90
Benzo(a)pyrene
Concen: 62.80 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF119742.D
Acq: 4 Apr 2020 3:59

Tgt Ion:252 Resp: 1519553
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.2
125 11.2 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 10.52 ng

RT: 16.89 min Scan# 2517

Delta R.T. -0.04 min

Lab File: BF119742.D

Acq: 4 Apr 2020 3:59

Instrument :

BNA_F

ClientSampleId :

TP-3

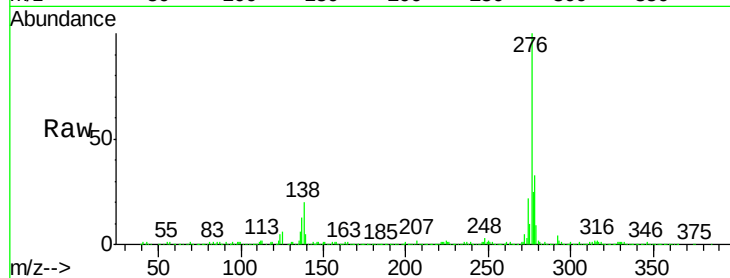
Tgt Ion: 278 Resp: 222747

Ion Ratio Lower Upper

278 100

139 16.8 12.6 19.0

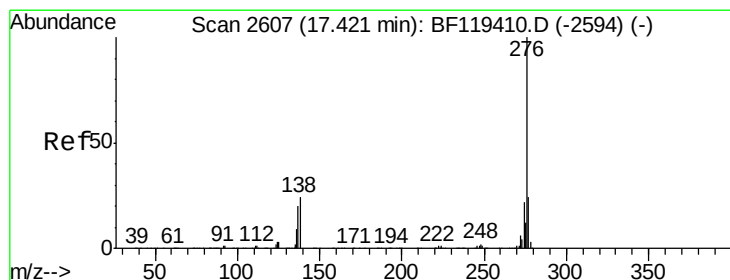
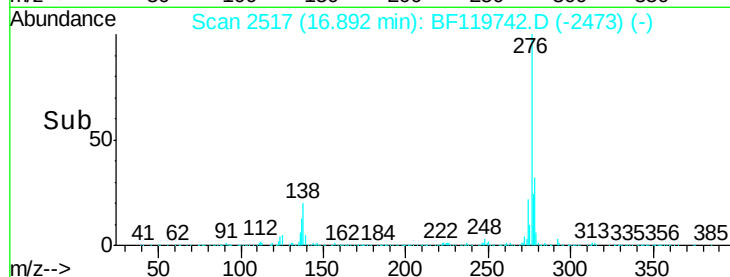
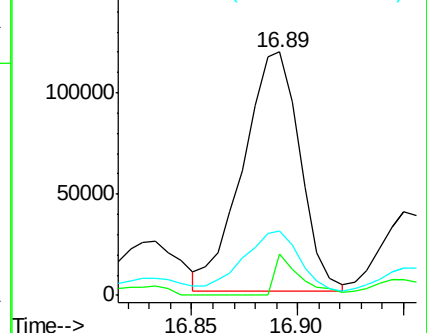
279 26.5 19.0 28.6



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: 39.52 ng

RT: 17.32 min Scan# 2590

Delta R.T. -0.04 min

Lab File: BF119742.D

Acq: 4 Apr 2020 3:59

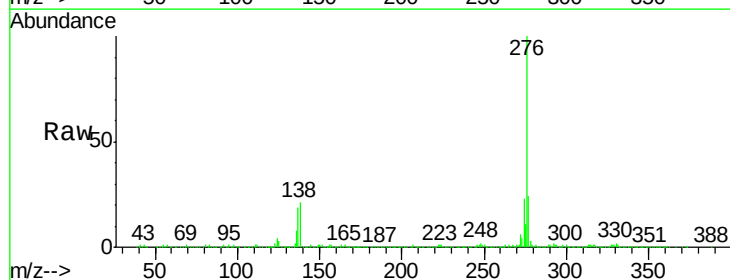
Tgt Ion: 276 Resp: 840190

Ion Ratio Lower Upper

276 100

277 23.8 18.4 27.6

138 21.5 15.4 23.0



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

