

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073119\
 Data File : BF115878.D
 Acq On : 31 Jul 2019 20:46
 Operator : HP/JU
 Sample : K4049-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Quant Time: Aug 01 04:58:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	136969	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	516352	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	277630	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	443875	20.00	ng	0.00
76) Chrysene-d12	14.03	240	313096	20.00	ng	0.00
87) Perylene-d12	15.50	264	358558	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	715206	87.41	ng	0.00
7) Phenol-d6	6.49	99	944270	91.47	ng	0.00
23) Nitrobenzene-d5	7.41	82	577235	64.53	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	226953	84.32	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1009771	68.13	ng	0.00
79) Terphenyl-d14	12.96	244	903880	60.83	ng	0.00

Target Compounds

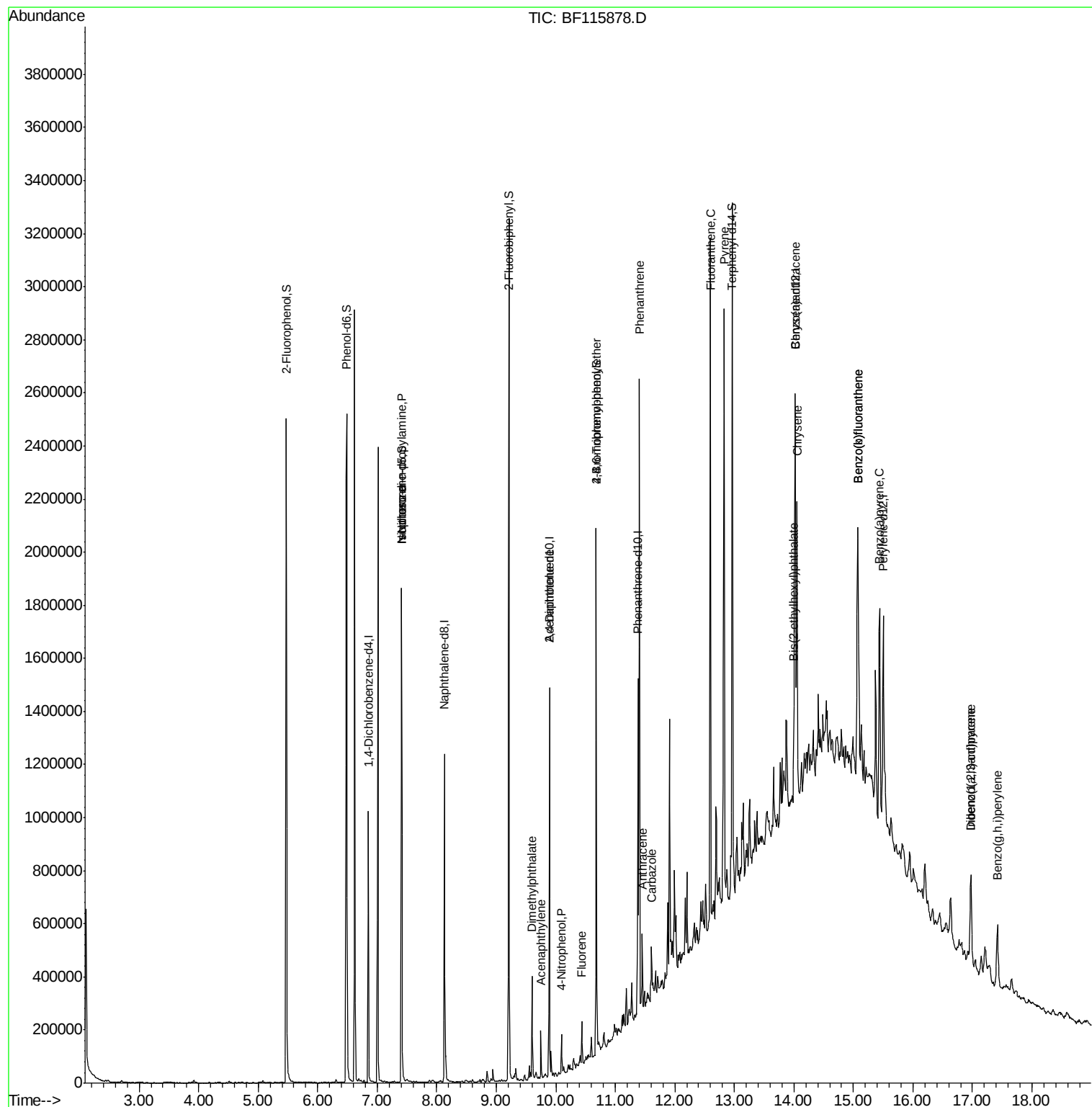
						Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	77167	12.063	ng	# 78
25) Isophorone	7.41	82	574827	33.606	ng	# 66
49) Acenaphthylene	9.75	152	65113	2.736	ng	100
50) Dimethylphthalate	9.60	163	139372	7.373	ng	99
56) 4-Nitrophenol	10.10	139	16250	4.997	ng	# 15
57) 2,4-Dinitrotoluene	9.89	165	37887	6.927	ng	# 25
58) Fluorene	10.44	166	38291	2.344	ng	99
67) 4-Bromophenyl-phenylether	10.68	248	14205	2.989	ng	# 1
71) Phenanthrene	11.40	178	806650	35.548	ng	100
72) Anthracene	11.46	178	117389	5.112	ng	100
73) Carbazole	11.61	167	72056	3.458	ng	99
75) Fluoranthene	12.60	202	1037247	43.662	ng	99
78) Pyrene	12.83	202	955418	40.481	ng	99
81) Benzo(a)anthracene	14.02	228	421104	21.043	ng	95
83) Chrysene	14.05	228	412970	21.256	ng	97
84) Bis(2-ethylhexyl)phthalate	14.00	149	44974	3.467	ng	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	214270	13.131	ng	96
88) Benzo(b)fluoranthene	15.07	252	712634	34.373	ng	# 94
89) Benzo(k)fluoranthene	15.07	252	712634	35.290	ng	98
90) Benzo(a)pyrene	15.44	252	373264	20.140	ng	97
91) Dibenzo(a,h)anthracene	16.98	278	51902	3.235	ng	# 87
92) Benzo(g,h,i)perylene	17.42	276	192094	12.193	ng	99

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

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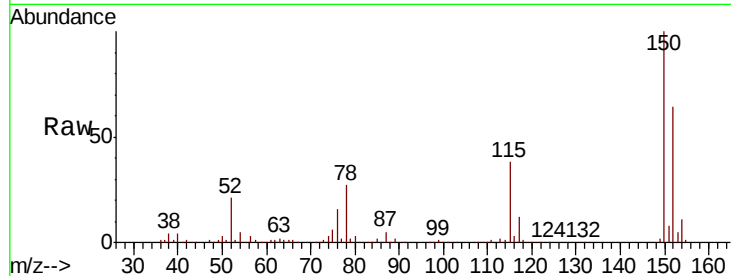




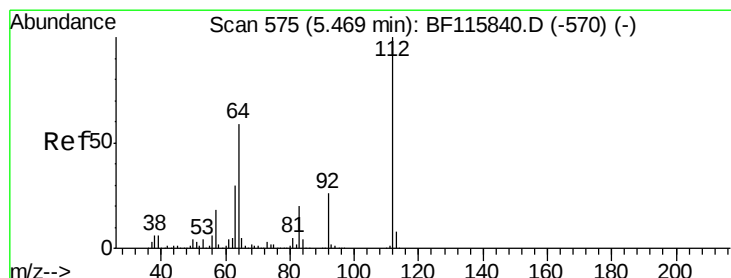
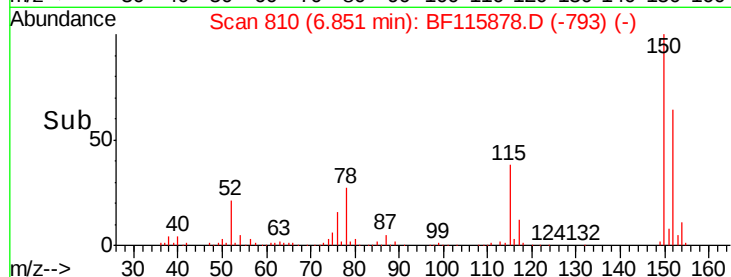
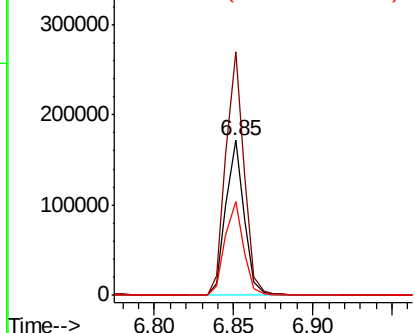
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF115878.D
 Acq: 31 Jul 2019 20:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Tgt Ion:152 Resp: 136969
 Ion Ratio Lower Upper
 152 100
 150 157.0 127.4 191.0
 115 60.3 51.8 77.8

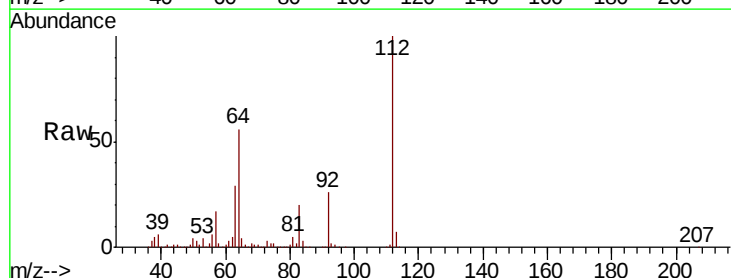


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

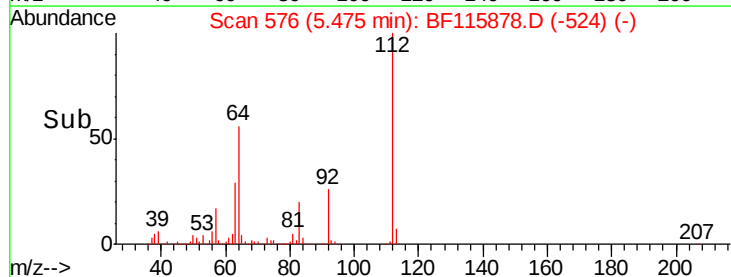
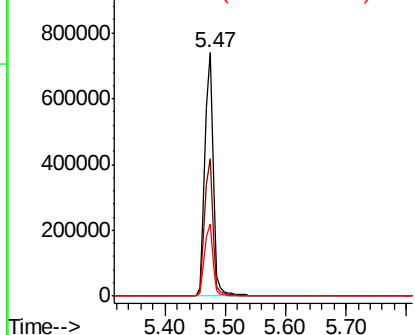


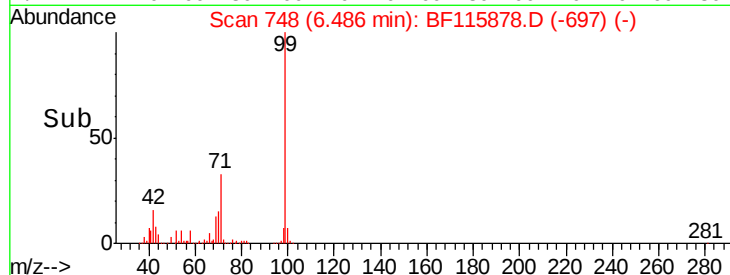
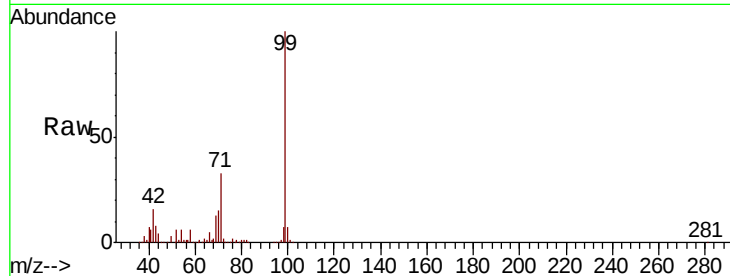
#5
 2-Fluorophenol
 Concen: 87.414 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF115878.D
 Acq: 31 Jul 2019 20:46

Tgt Ion:112 Resp: 715206
 Ion Ratio Lower Upper
 112 100
 64 56.3 46.8 70.2
 63 29.4 24.2 36.2



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: 91.474 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115878.D

Acq: 31 Jul 2019 20:46

Instrument :

BNA_F

ClientSampleId :

SP-2

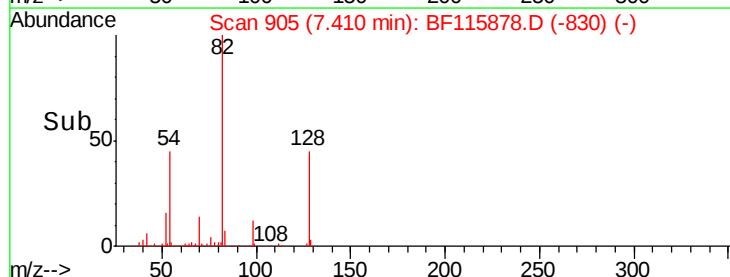
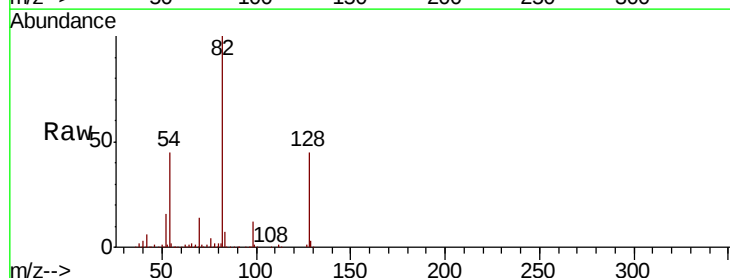
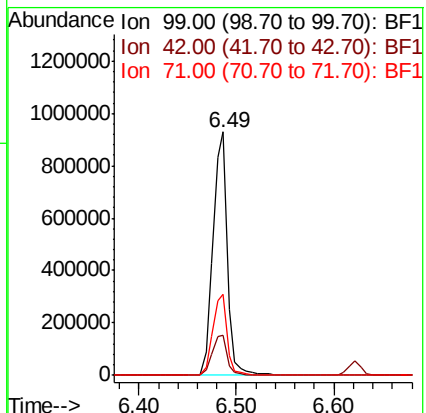
Tgt Ion: 99 Resp: 944270

Ion Ratio Lower Upper

99 100

42 16.3 13.8 20.6

71 33.3 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.063 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF115878.D

Acq: 31 Jul 2019 20:46

Tgt Ion: 70 Resp: 77167

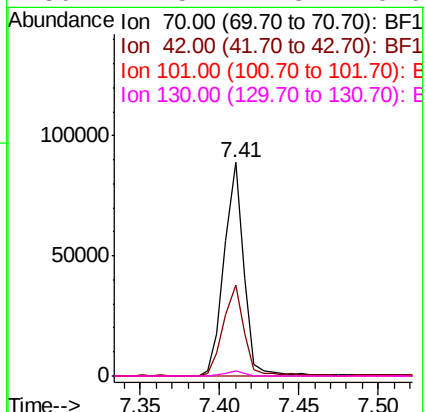
Ion Ratio Lower Upper

70 100

42 42.8 41.8 62.8

101 0.0 7.7 11.5#

130 2.5 17.8 26.6#

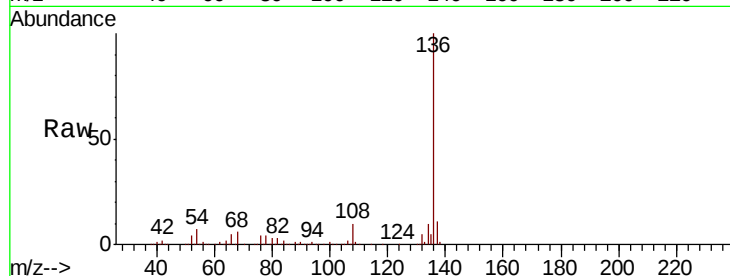




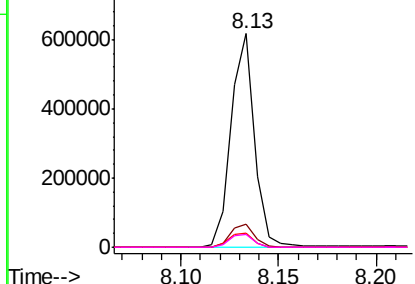
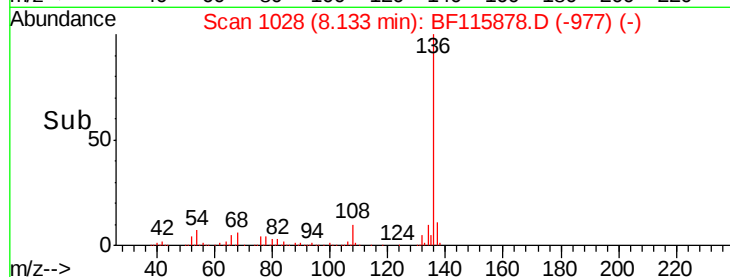
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF115878.D
Acq: 31 Jul 2019 20:46

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:	136	Resp:	516352
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.7	6.1	9.1
68	6.0	5.4	8.2

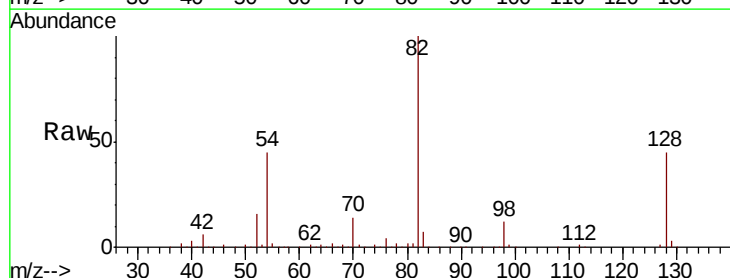


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

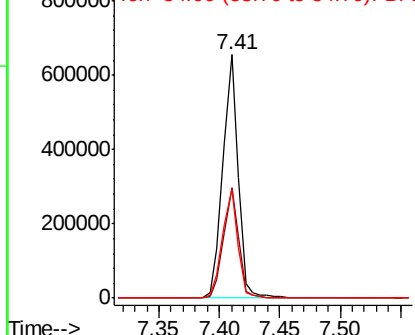
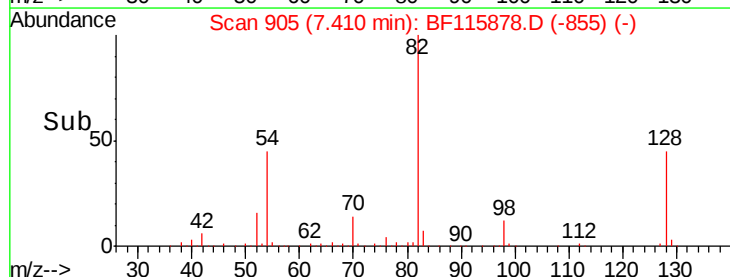


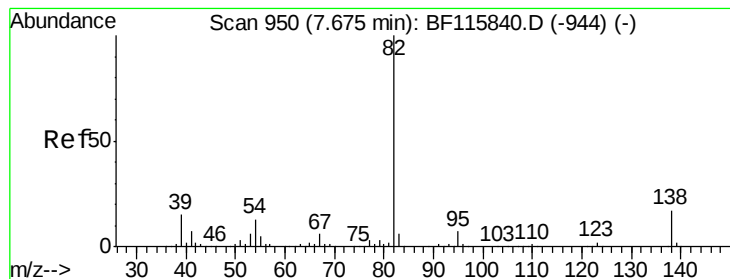
#23
Nitrobenzene-d5
Concen: 64.529 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115878.D
Acq: 31 Jul 2019 20:46

Tgt Ion:	82	Resp:	577235
Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.6	55.0
54	45.0	36.6	55.0



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: 33.606 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF115878.D

Acq: 31 Jul 2019 20:46

Instrument :

BNA_F

ClientSampled :

SP-2

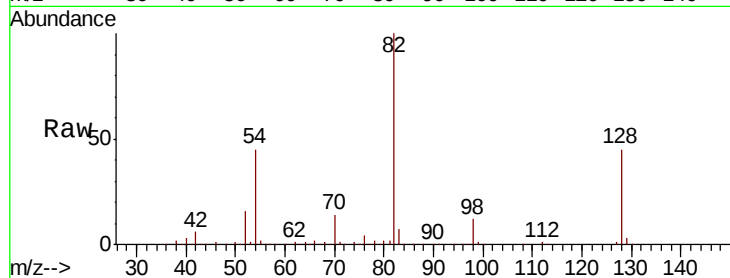
Tgt Ion: 82 Resp: 574827

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

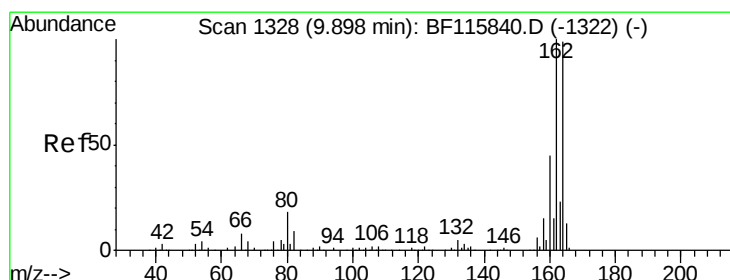
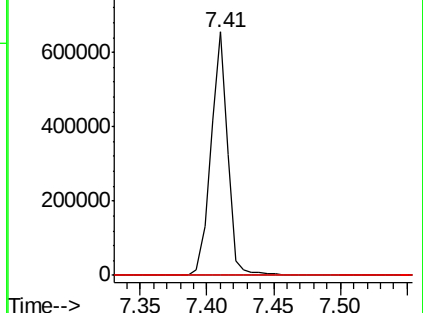
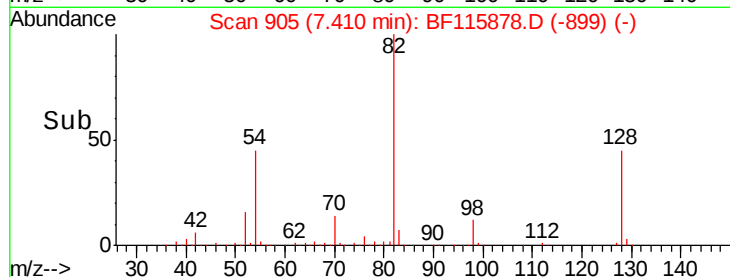
138 0.0 13.9 20.9#



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: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115878.D

Acq: 31 Jul 2019 20:46

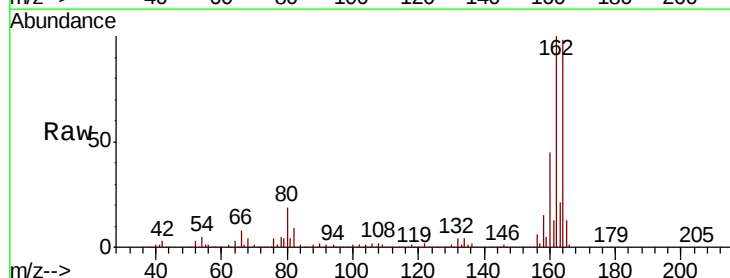
Tgt Ion: 164 Resp: 277630

Ion Ratio Lower Upper

164 100

162 102.2 80.8 121.2

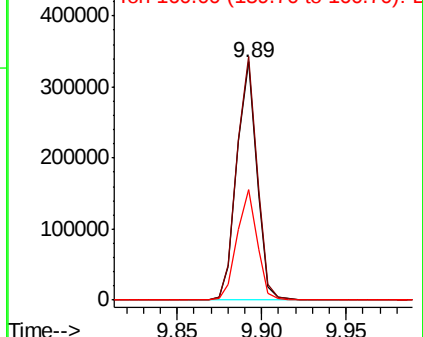
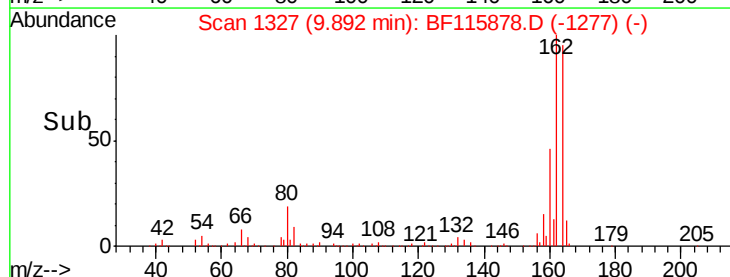
160 46.4 36.2 54.4



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: 84.316 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF115878.D

Acq: 31 Jul 2019 20:46

Instrument :

BNA_F

ClientSampleId :

SP-2

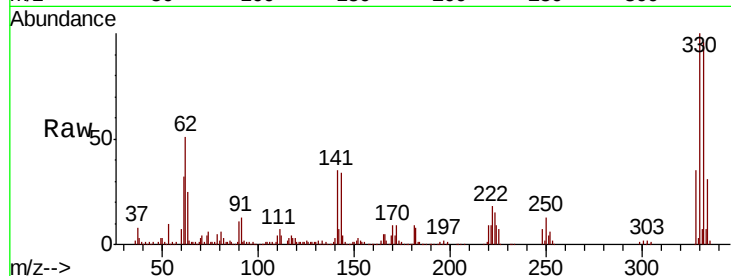
Tgt Ion:330 Resp: 226953

Ion Ratio Lower Upper

330 100

332 96.1 77.7 116.5

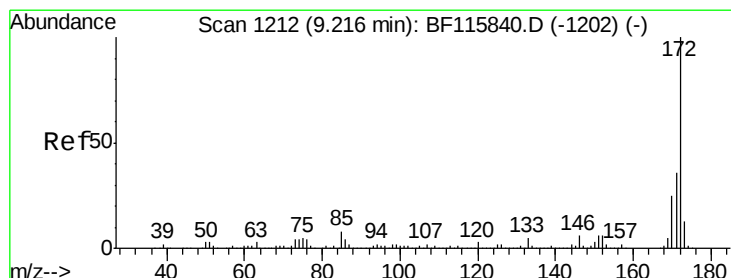
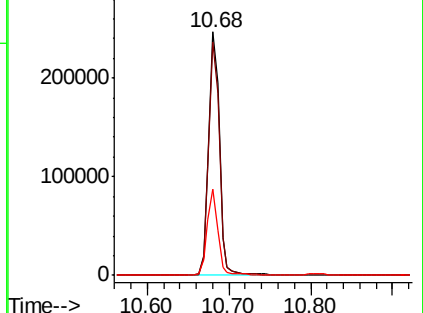
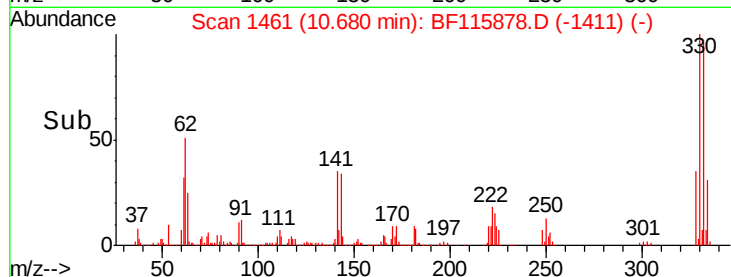
141 34.6 28.1 42.1



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: 68.126 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF115878.D

Acq: 31 Jul 2019 20:46

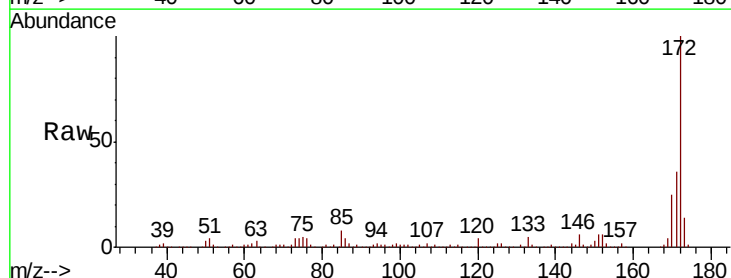
Tgt Ion:172 Resp: 1009771

Ion Ratio Lower Upper

172 100

171 35.9 29.1 43.7

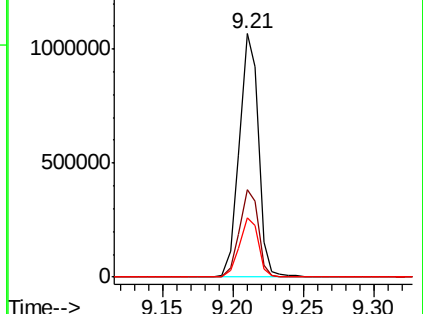
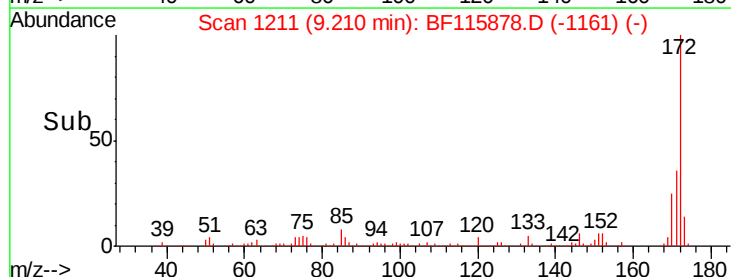
170 24.5 20.1 30.1

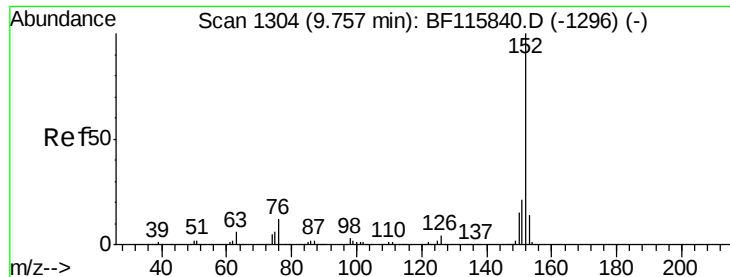


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Acenaphthylene

Concen: 2.736 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF115878.D

Acq: 31 Jul 2019 20:46

Instrument :

BNA_F

ClientSampled :

SP-2

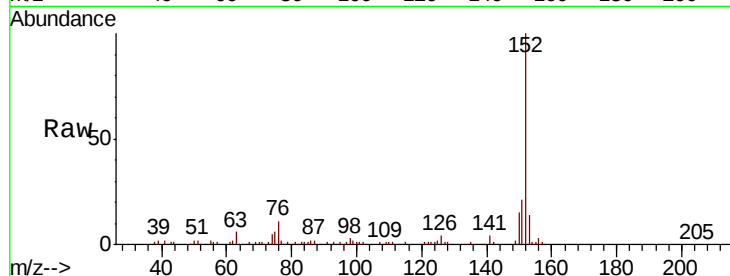
Tgt Ion:152 Resp: 65113

Ion Ratio Lower Upper

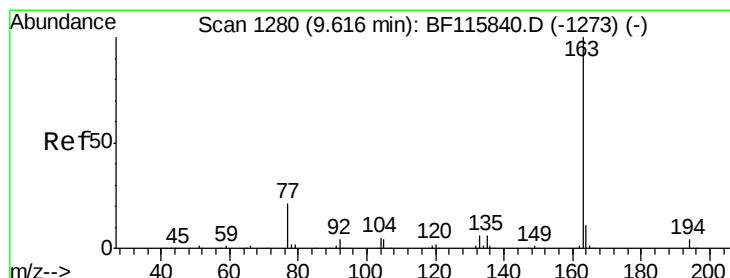
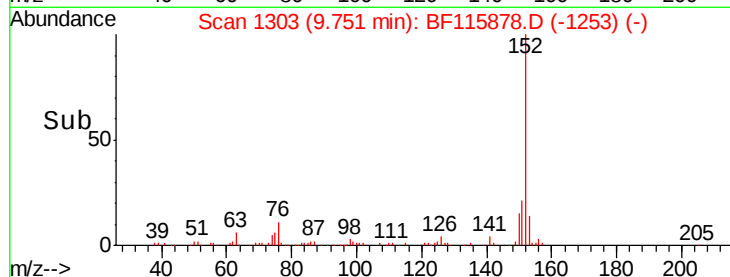
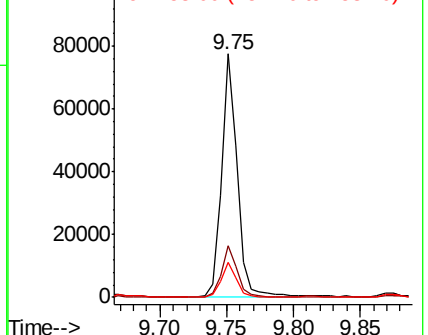
152 100

151 21.1 16.8 25.2

153 14.3 11.6 17.4



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: 7.373 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115878.D

Acq: 31 Jul 2019 20:46

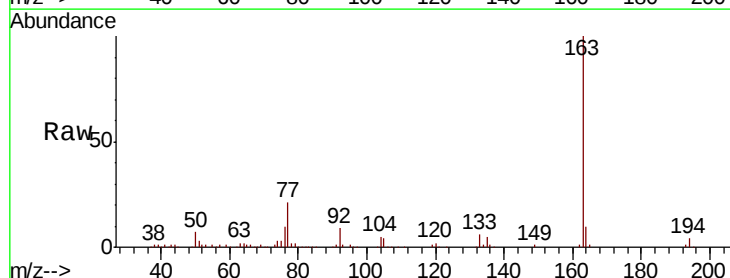
Tgt Ion:163 Resp: 139372

Ion Ratio Lower Upper

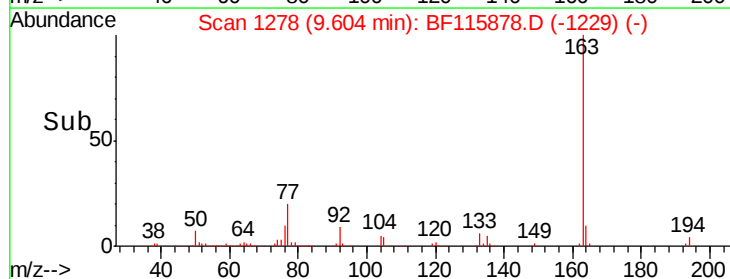
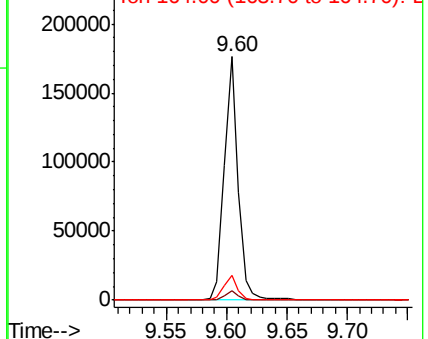
163 100

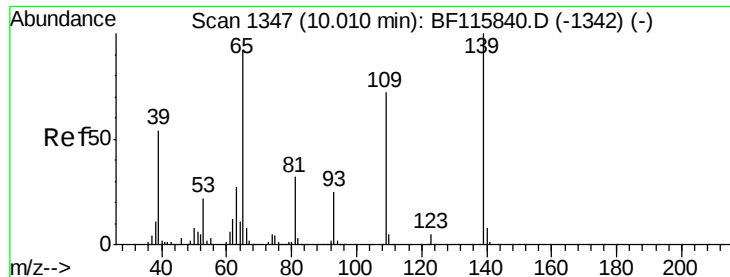
194 4.0 3.0 4.6

164 9.9 8.4 12.6



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

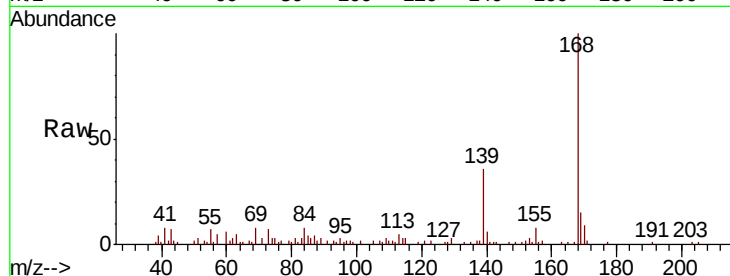




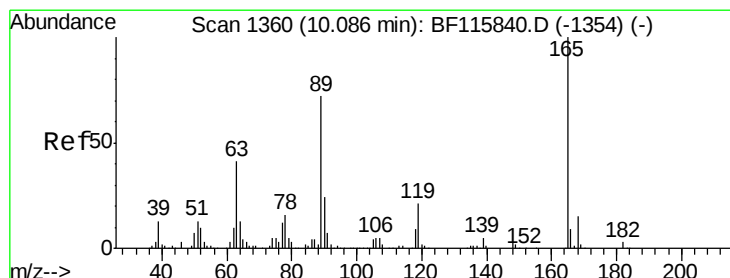
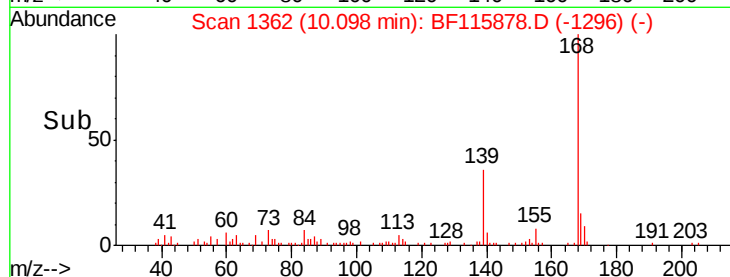
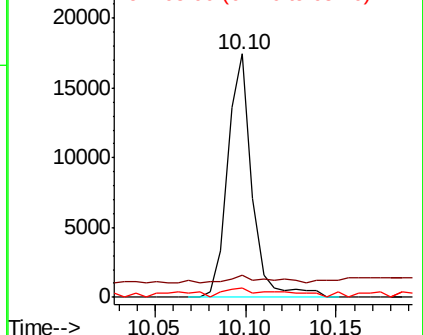
#56
4-Nitrophenol
Concen: 4.997 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.09 min
Lab File: BF115878.D
Acq: 31 Jul 2019 20:46

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:139 Resp: 16250
Ion Ratio Lower Upper
139 100
109 9.0 52.0 92.0#
65 3.7 72.6 112.6#

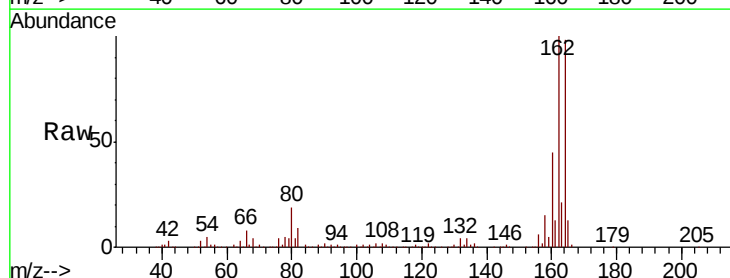


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

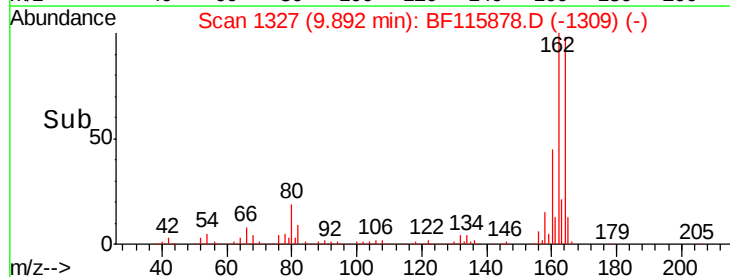
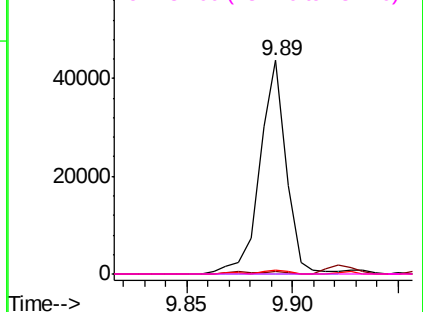


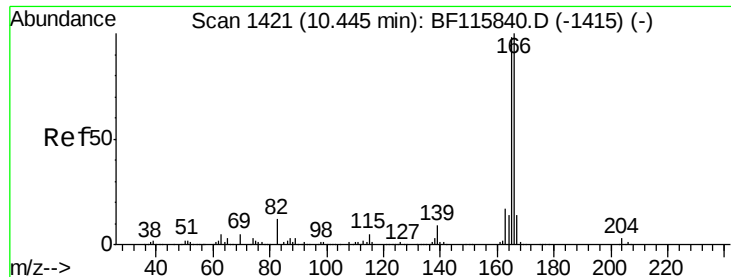
#57
2,4-Dinitrotoluene
Concen: 6.927 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF115878.D
Acq: 31 Jul 2019 20:46

Tgt Ion:165 Resp: 37887
Ion Ratio Lower Upper
165 100
63 1.3 33.2 49.8#
89 1.7 57.3 85.9#
182 0.0 2.1 3.1#



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
Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 2.344 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF115878.D

Acq: 31 Jul 2019 20:46

Instrument :

BNA_F

ClientSampleId :

SP-2

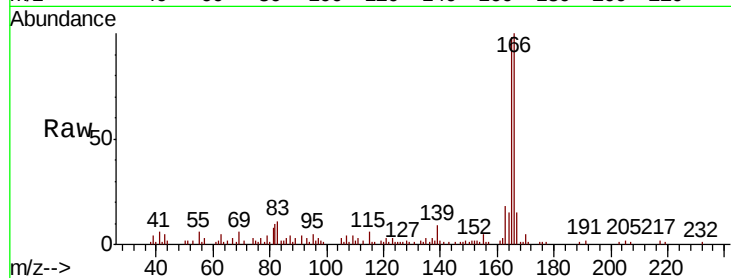
Tgt Ion:166 Resp: 38291

Ion Ratio Lower Upper

166 100

165 97.8 78.6 118.0

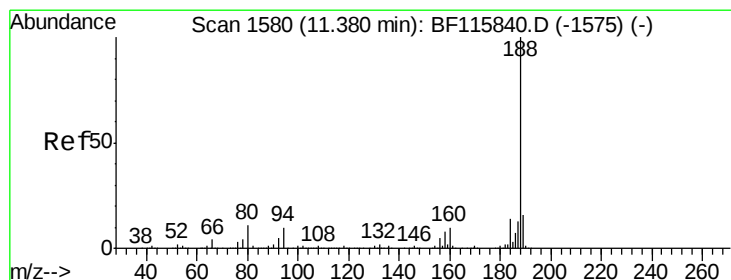
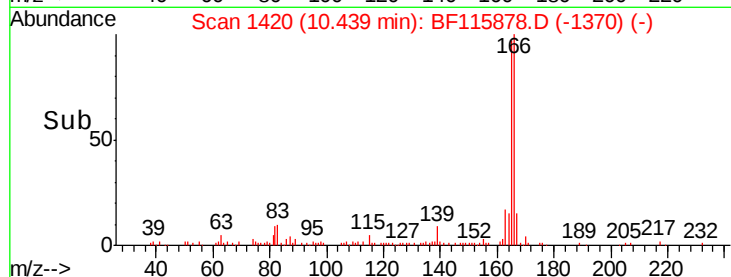
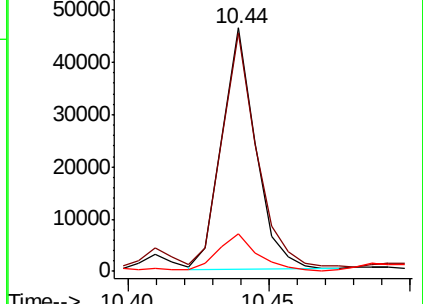
167 15.2 10.9 16.3



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: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF115878.D

Acq: 31 Jul 2019 20:46

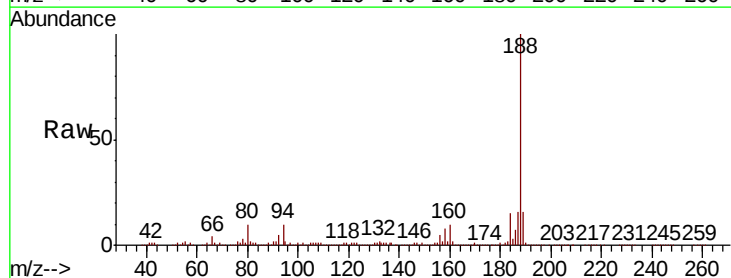
Tgt Ion:188 Resp: 443875

Ion Ratio Lower Upper

188 100

94 9.5 8.0 12.0

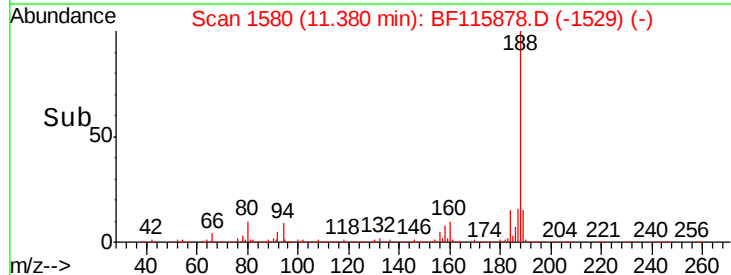
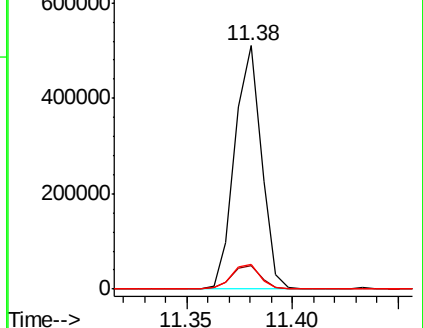
80 10.2 8.6 12.8

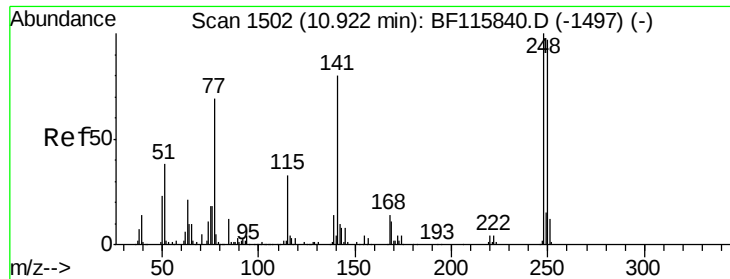


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

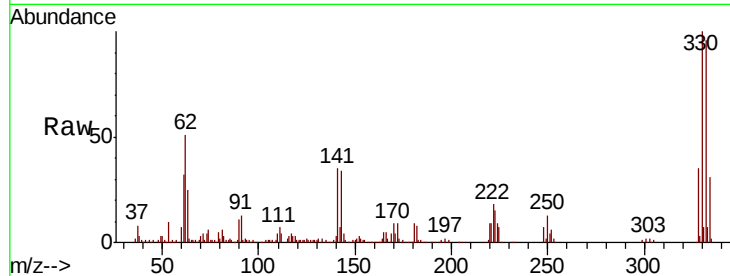




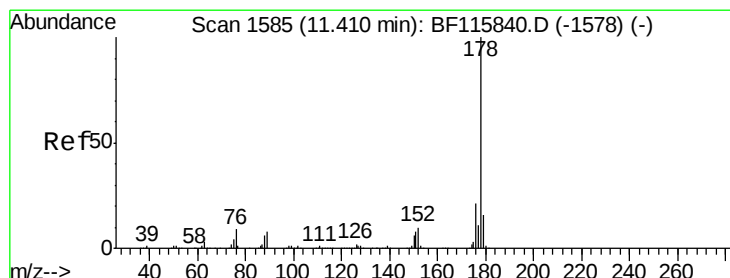
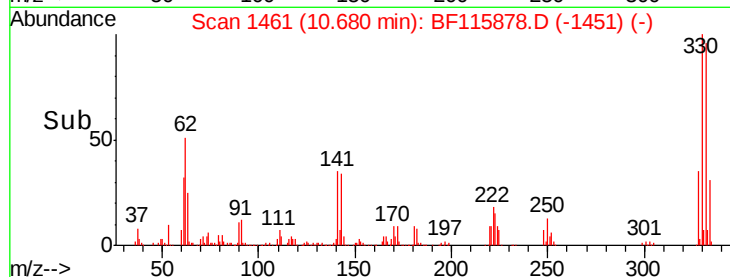
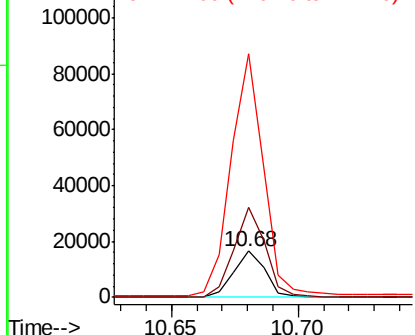
#67
 4-Bromophenyl-phenylether
 Concen: 2.989 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF115878.D
 Acq: 31 Jul 2019 20:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Tgt Ion:248 Resp: 14205
 Ion Ratio Lower Upper
 248 100
 250 194.7 77.8 116.6#
 141 527.7 64.3 96.5#

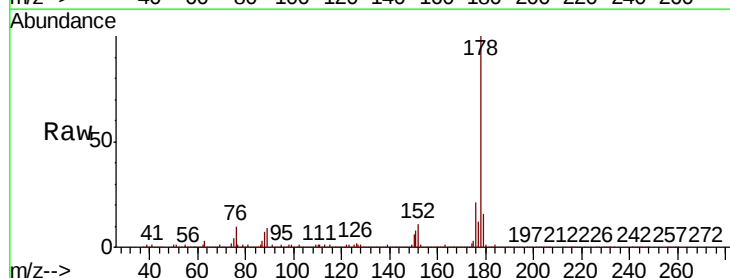


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

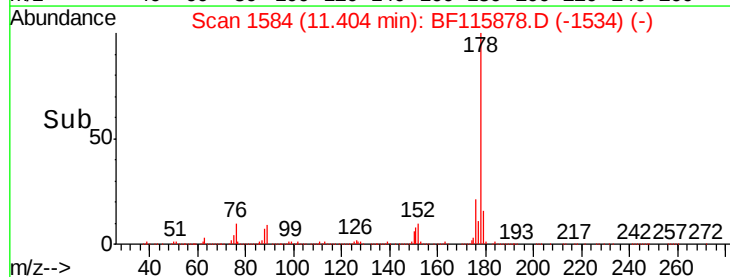
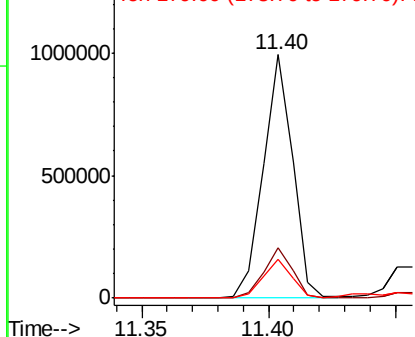


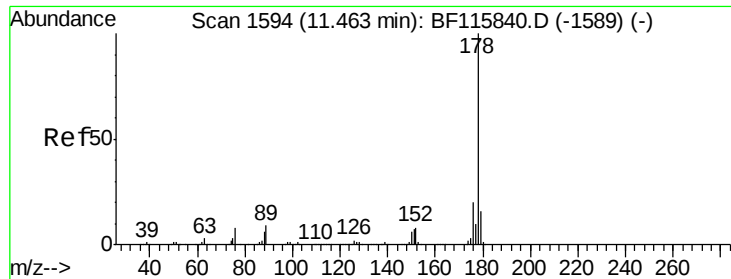
#71
 Phenanthrene
 Concen: 35.548 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF115878.D
 Acq: 31 Jul 2019 20:46

Tgt Ion:178 Resp: 806650
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.5 24.7
 179 16.0 12.6 18.8



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





#72

Anthracene

Concen: 5.112 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF115878.D

Acq: 31 Jul 2019 20:46

Instrument :

BNA_F

ClientSampled :

SP-2

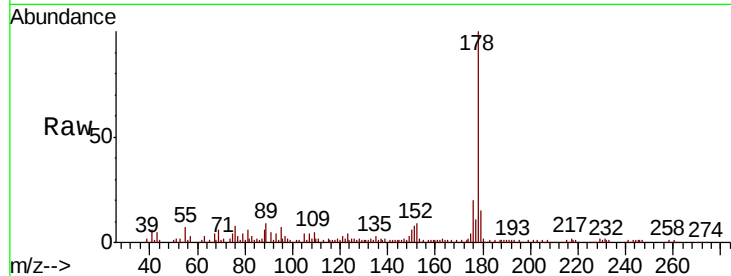
Tgt Ion:178 Resp: 117389

Ion Ratio Lower Upper

178 100

176 19.8 15.7 23.5

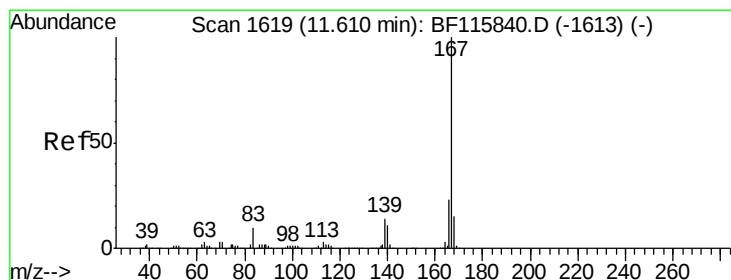
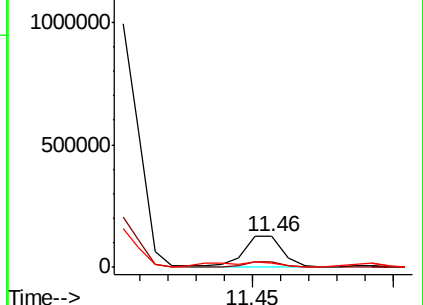
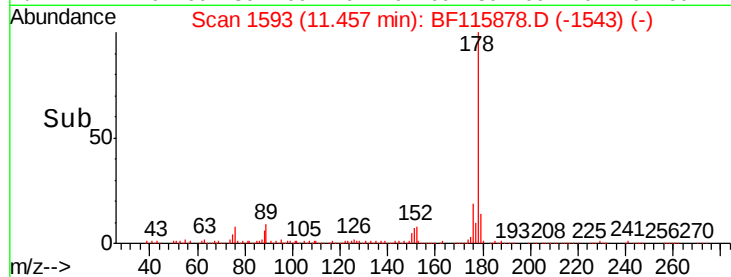
179 15.3 12.4 18.6



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: 3.458 ng

RT: 11.61 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BF115878.D

Acq: 31 Jul 2019 20:46

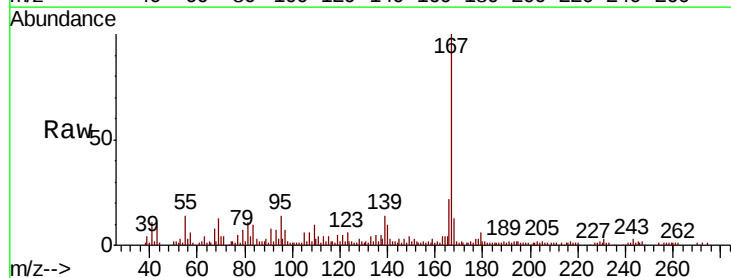
Tgt Ion:167 Resp: 72056

Ion Ratio Lower Upper

167 100

166 22.1 18.0 27.0

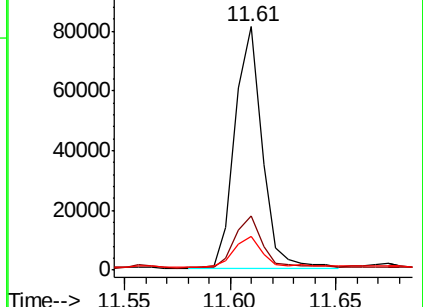
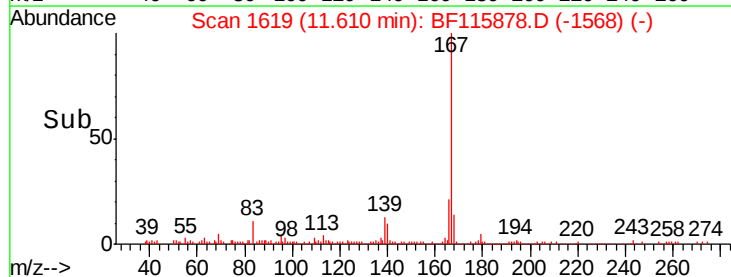
139 14.0 11.4 17.2

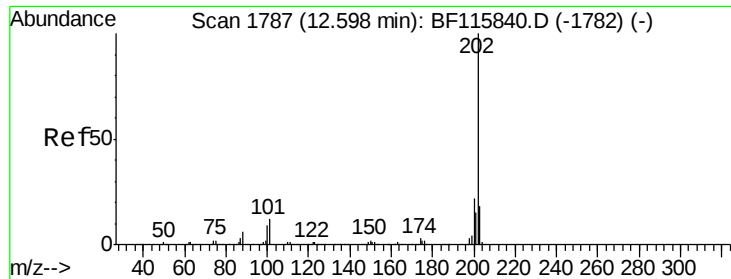


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 43.662 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF115878.D

Acq: 31 Jul 2019 20:46

Instrument :

BNA_F

ClientSampleId :

SP-2

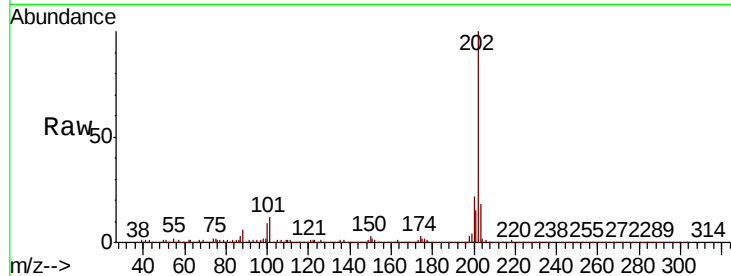
Tgt Ion:202 Resp: 1037247

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.5

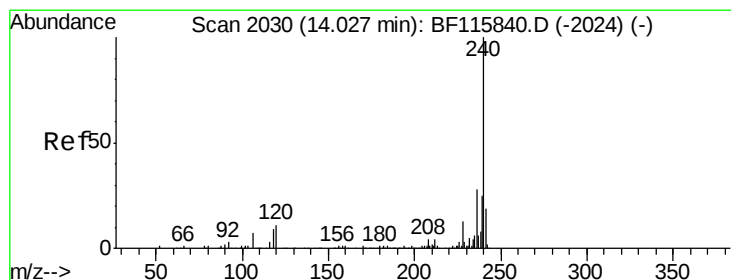
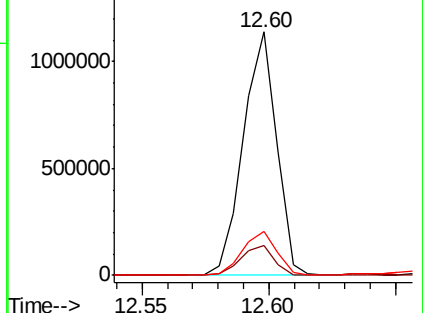
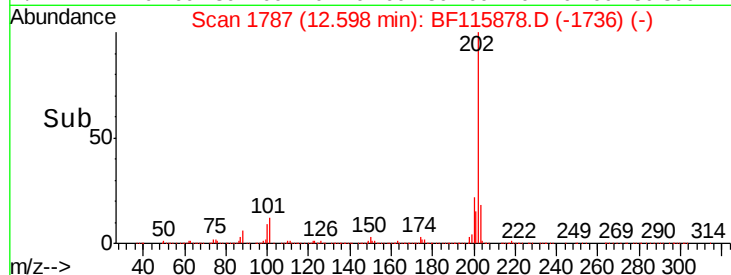
203 18.1 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BF115878.D

Acq: 31 Jul 2019 20:46

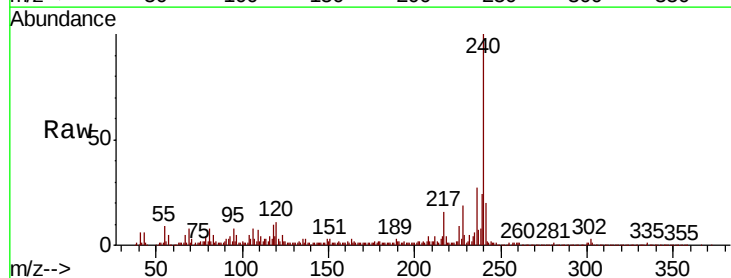
Tgt Ion:240 Resp: 313096

Ion Ratio Lower Upper

240 100

120 11.0 8.5 12.7

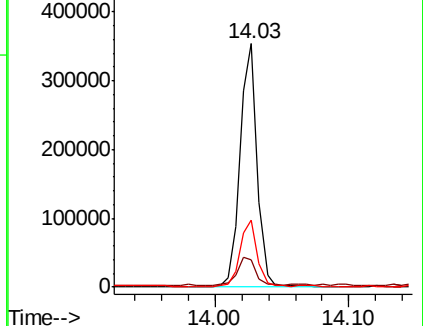
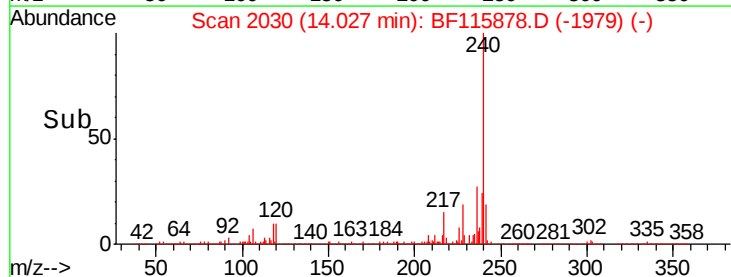
236 27.4 22.2 33.2

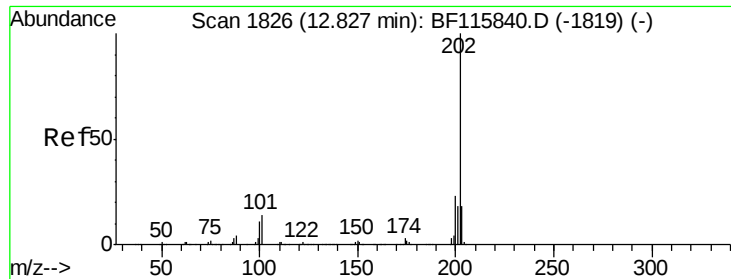


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

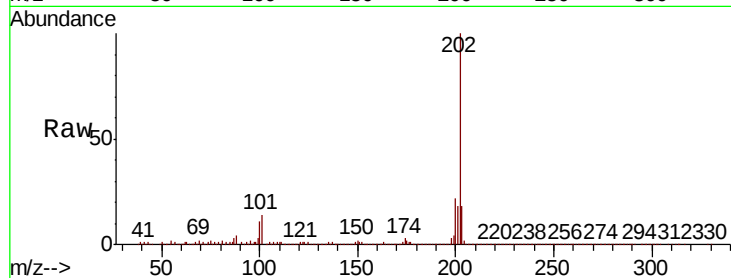




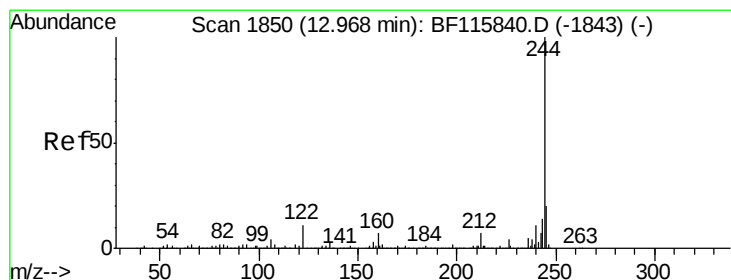
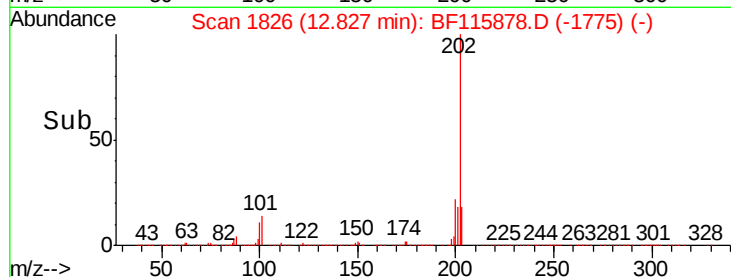
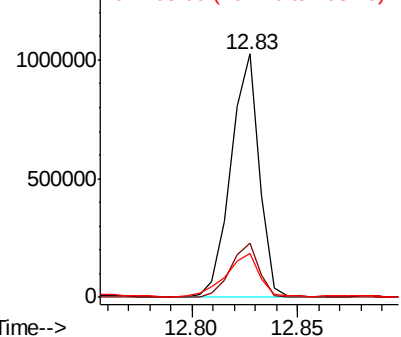
#78
 Pyrene
 Concen: 40.481 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF115878.D
 Acq: 31 Jul 2019 20:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.2	27.2
203	18.3	14.3	21.5

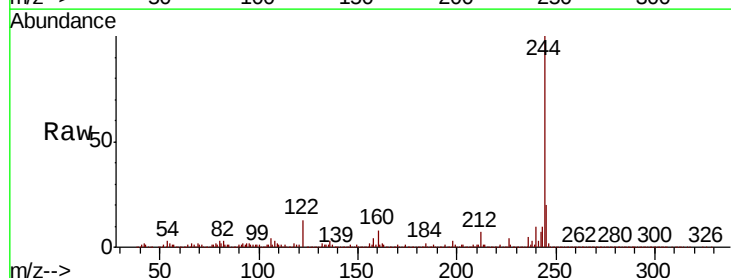


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

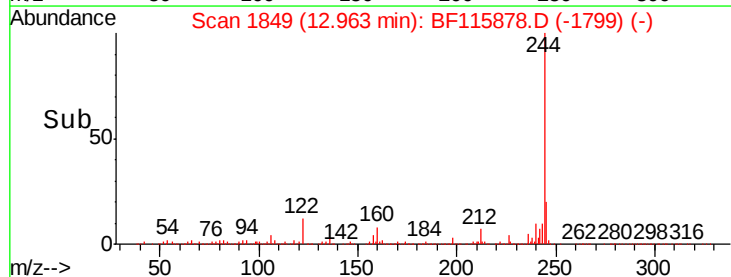
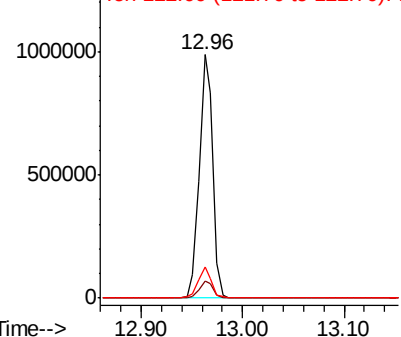


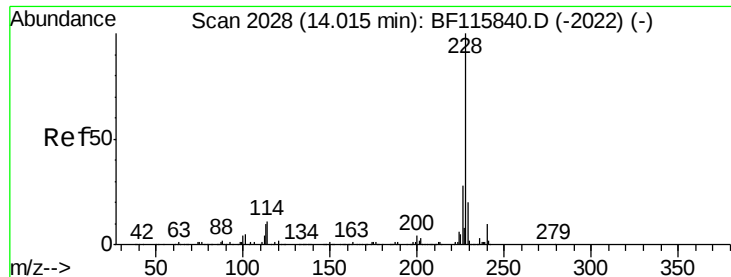
#79
 Terphenyl-d14
 Concen: 60.832 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF115878.D
 Acq: 31 Jul 2019 20:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	12.7	8.6	13.0



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

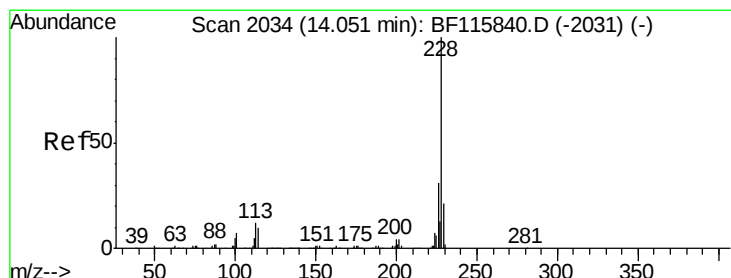
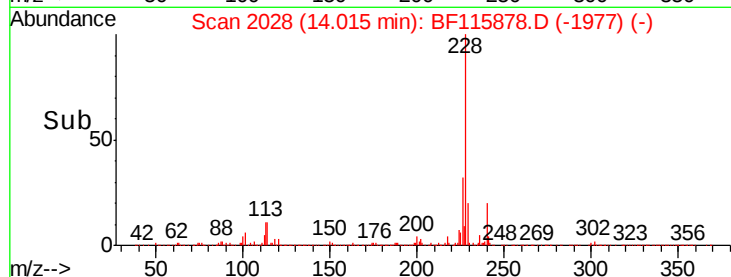
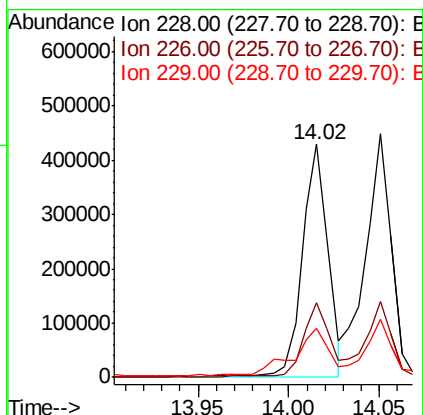
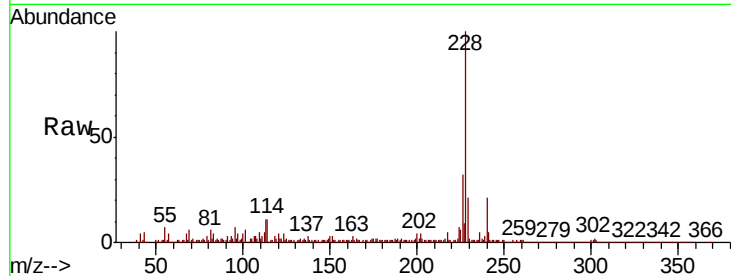




#81
Benzo(a)anthracene
Concen: 21.043 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF115878.D
Acq: 31 Jul 2019 20:46

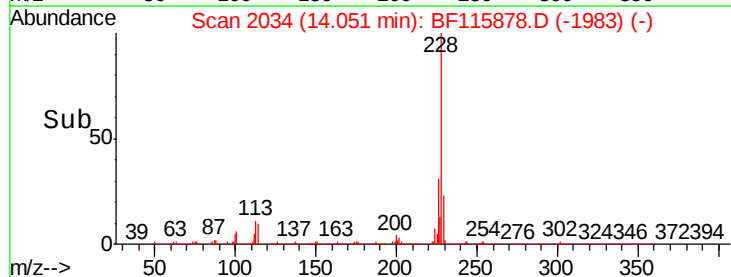
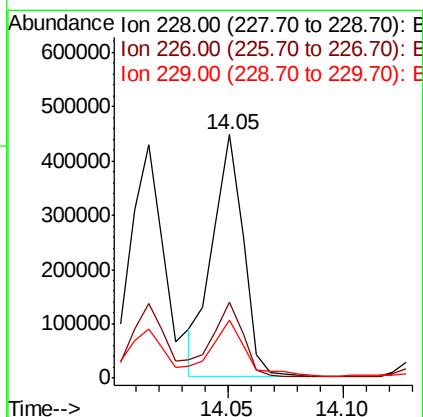
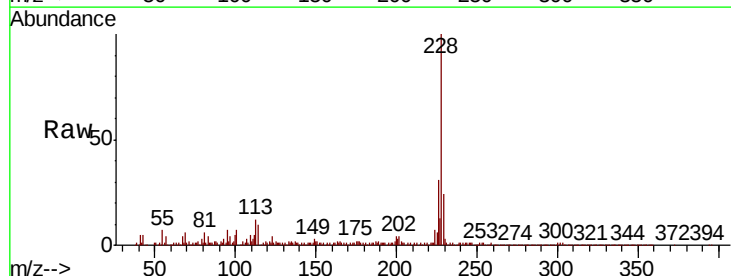
Instrument :
BNA_F
ClientSampleId :
SP-2

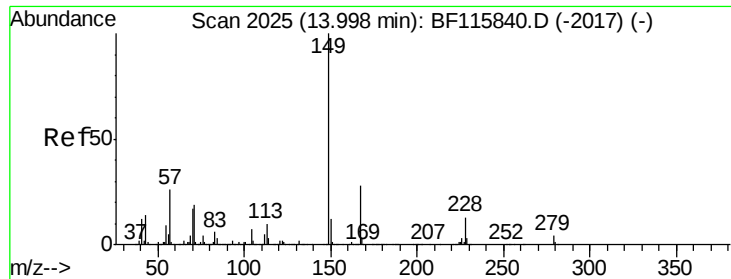
Tgt Ion:228 Resp: 421104
Ion Ratio Lower Upper
228 100
226 32.1 22.5 33.7
229 21.2 16.1 24.1



#83
Chrysene
Concen: 21.256 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF115878.D
Acq: 31 Jul 2019 20:46

Tgt Ion:228 Resp: 412970
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 23.6 16.4 24.6

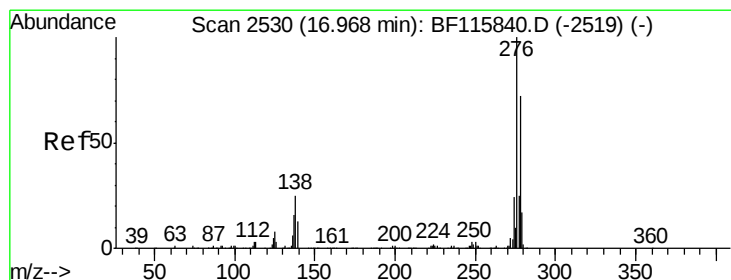
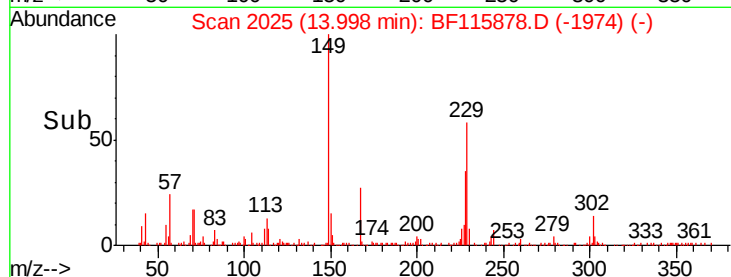
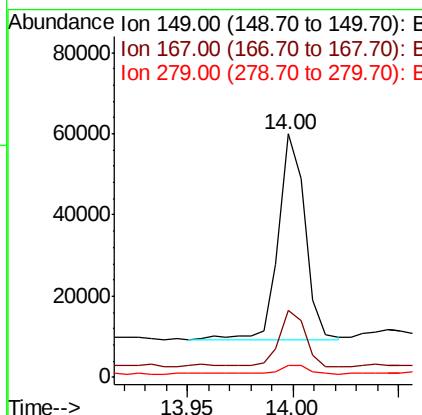
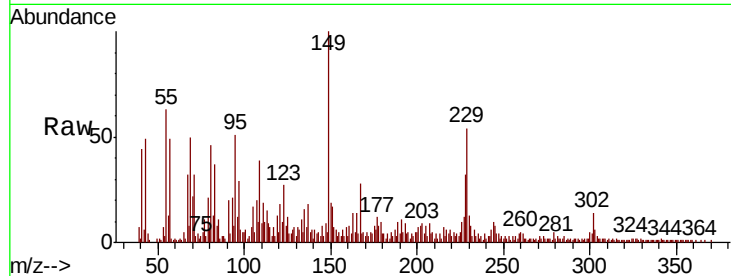




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.467 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF115878.D
 Acq: 31 Jul 2019 20:46

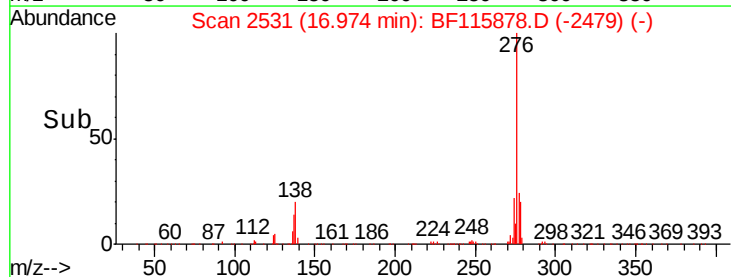
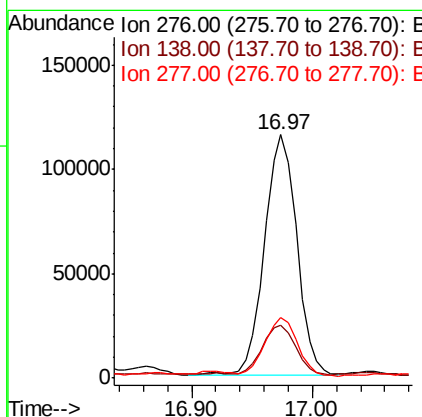
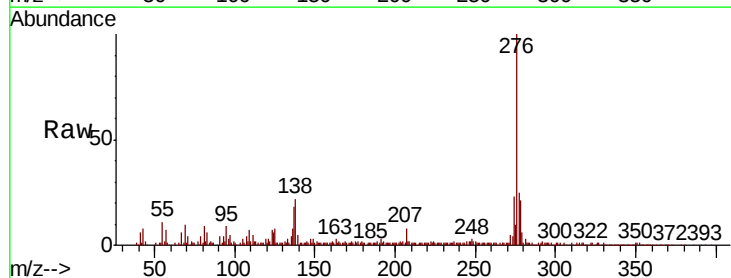
Instrument :
 BNA_F
 ClientSampleId :
 SP-2

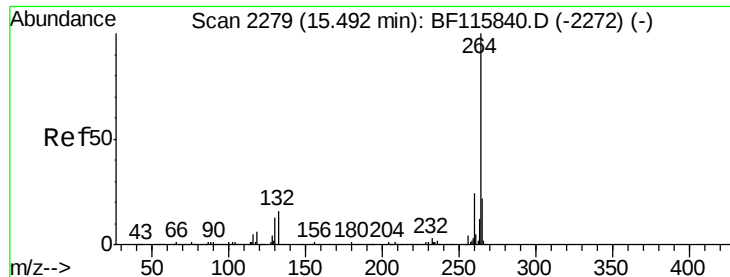
Tgt Ion:149 Resp: 44974
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.4 33.6
 279 4.7 3.3 4.9



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 13.131 ng
 RT: 16.97 min Scan# 2531
 Delta R.T. 0.01 min
 Lab File: BF115878.D
 Acq: 31 Jul 2019 20:46

Tgt Ion:276 Resp: 214270
 Ion Ratio Lower Upper
 276 100
 138 21.0 19.6 29.4
 277 24.2 20.1 30.1

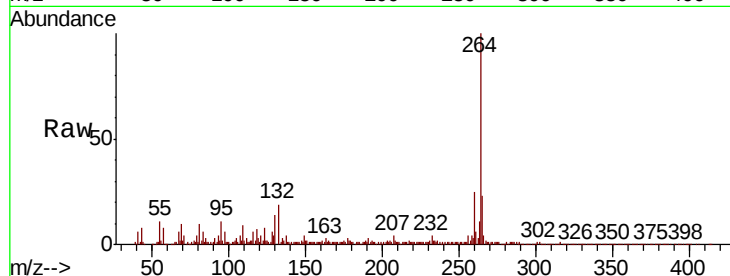




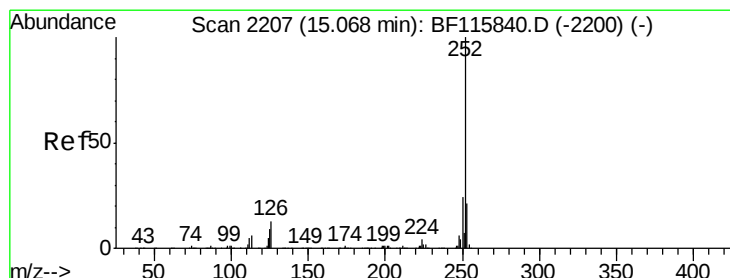
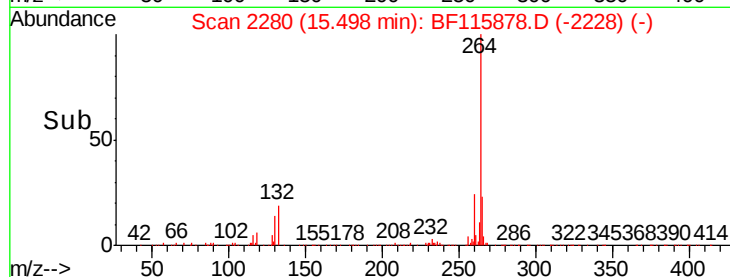
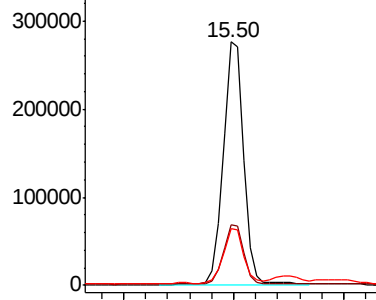
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF115878.D
 Acq: 31 Jul 2019 20:46

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Tgt Ion: 264 Resp: 358558
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 23.1 17.5 26.3

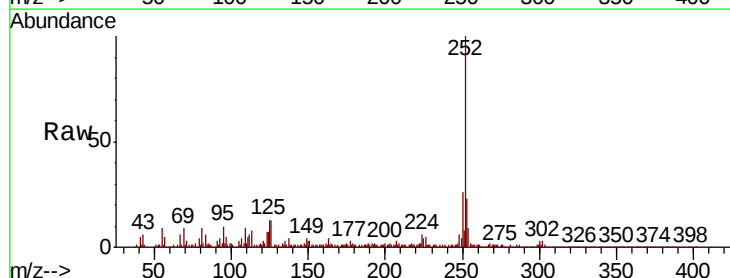


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

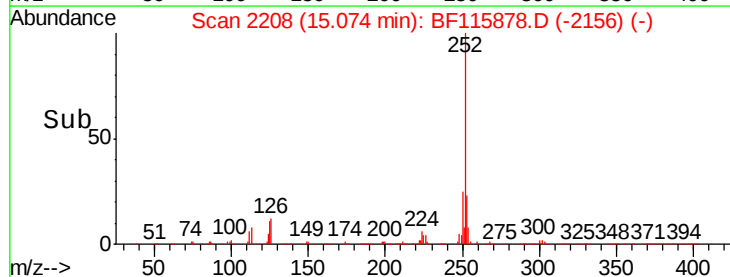
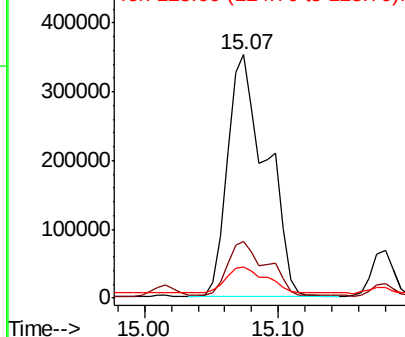


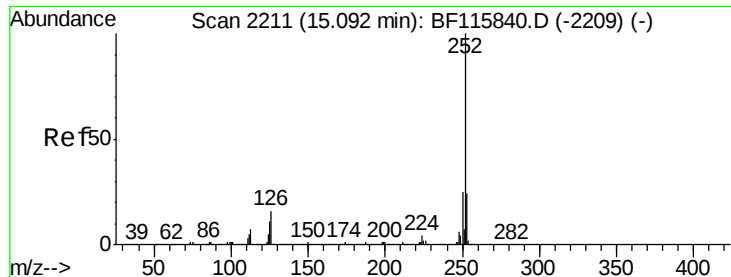
#88
 Benzo(b)fluoranthene
 Concen: 34.373 ng
 RT: 15.07 min Scan# 2208
 Delta R.T. 0.01 min
 Lab File: BF115878.D
 Acq: 31 Jul 2019 20:46

Tgt Ion: 252 Resp: 712634
 Ion Ratio Lower Upper
 252 100
 253 23.3 17.2 25.8
 125 13.0 7.4 11.0#



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

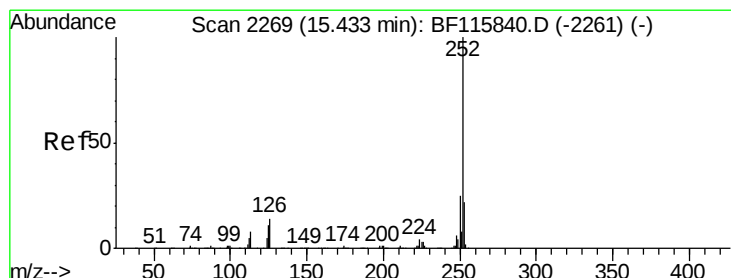
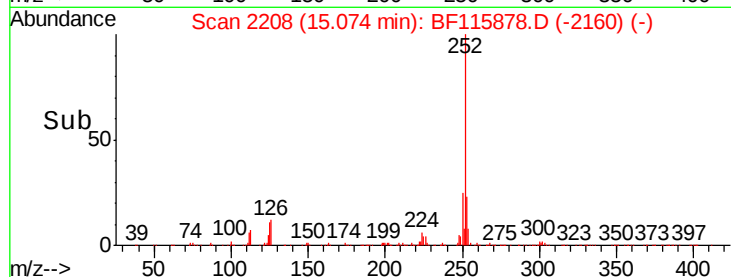
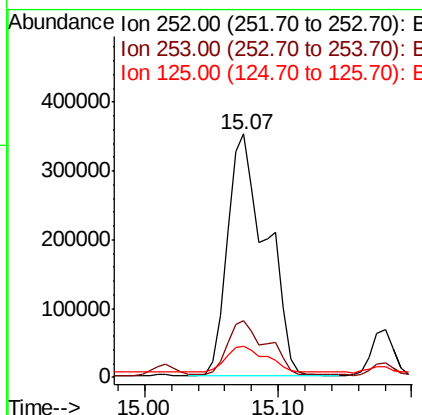
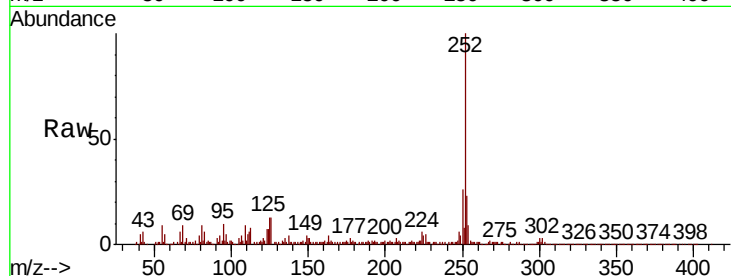




#89
Benzo(k)fluoranthene
Concen: 35.290 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF115878.D
Acq: 31 Jul 2019 20:46

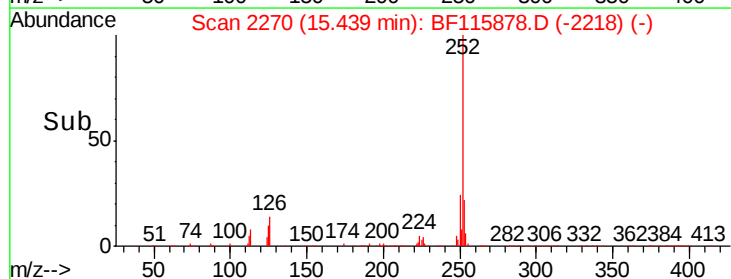
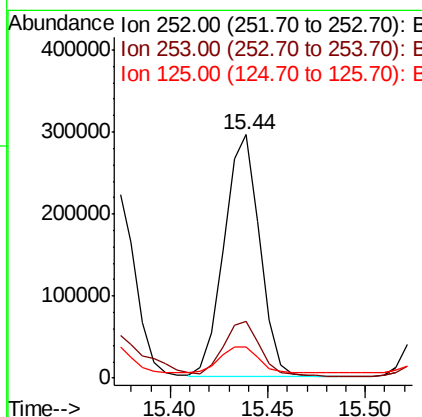
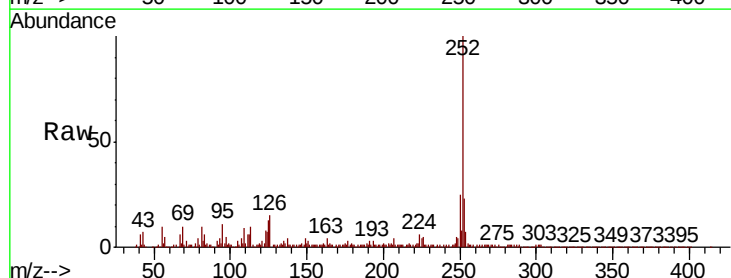
Instrument :
BNA_F
ClientSampleId :
SP-2

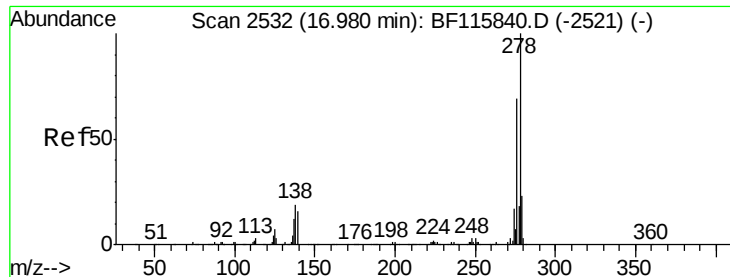
Tgt Ion:252 Resp: 712634
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.4
125 13.0 8.9 13.3



#90
Benzo(a)pyrene
Concen: 20.140 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF115878.D
Acq: 31 Jul 2019 20:46

Tgt Ion:252 Resp: 373264
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.6
125 12.9 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 3.235 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.00 min

Lab File: BF115878.D

Acq: 31 Jul 2019 20:46

Instrument :

BNA_F

ClientSampleId :

SP-2

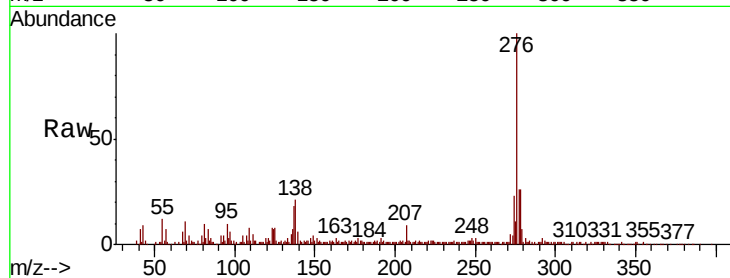
Tgt Ion:278 Resp: 51902

Ion Ratio Lower Upper

278 100

139 22.6 12.6 19.0#

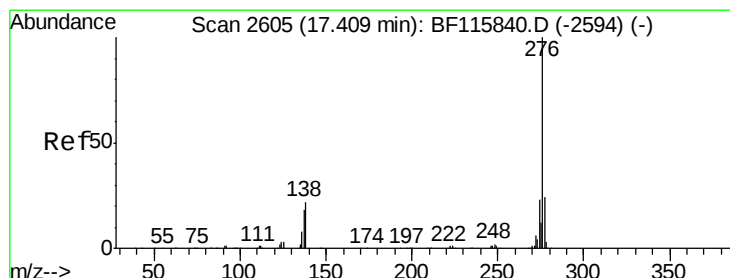
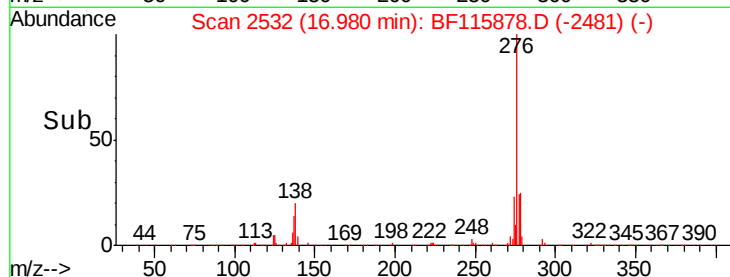
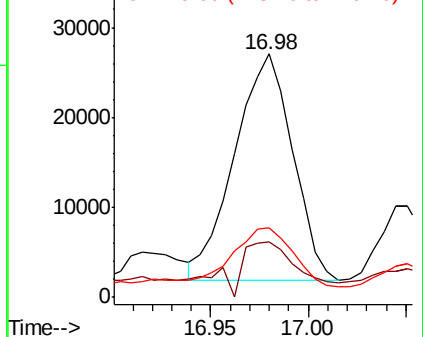
279 28.5 18.8 28.2#



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: 12.193 ng

RT: 17.42 min Scan# 2607

Delta R.T. 0.01 min

Lab File: BF115878.D

Acq: 31 Jul 2019 20:46

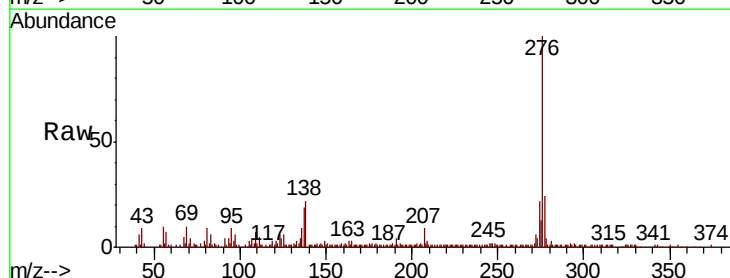
Tgt Ion:276 Resp: 192094

Ion Ratio Lower Upper

276 100

277 24.0 19.5 29.3

138 22.2 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

