

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
 Data File : BF115778.D
 Acq On : 26 Jul 2019 00:26
 Operator : HP/JU
 Sample : K3983-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Quant Time: Jul 26 06:01:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	121809	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	465177	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	240597	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	382719	20.00	ng	0.00
76) Chrysene-d12	14.03	240	296887	20.00	ng	0.00
87) Perylene-d12	15.50	264	366880	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	747586	100.39	ng	0.00
7) Phenol-d6	6.50	99	976309	103.32	ng	0.00
23) Nitrobenzene-d5	7.43	82	595066	74.38	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	249992	89.02	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1021404	74.30	ng	0.00
79) Terphenyl-d14	12.97	244	930947	57.86	ng	0.00

Target Compounds

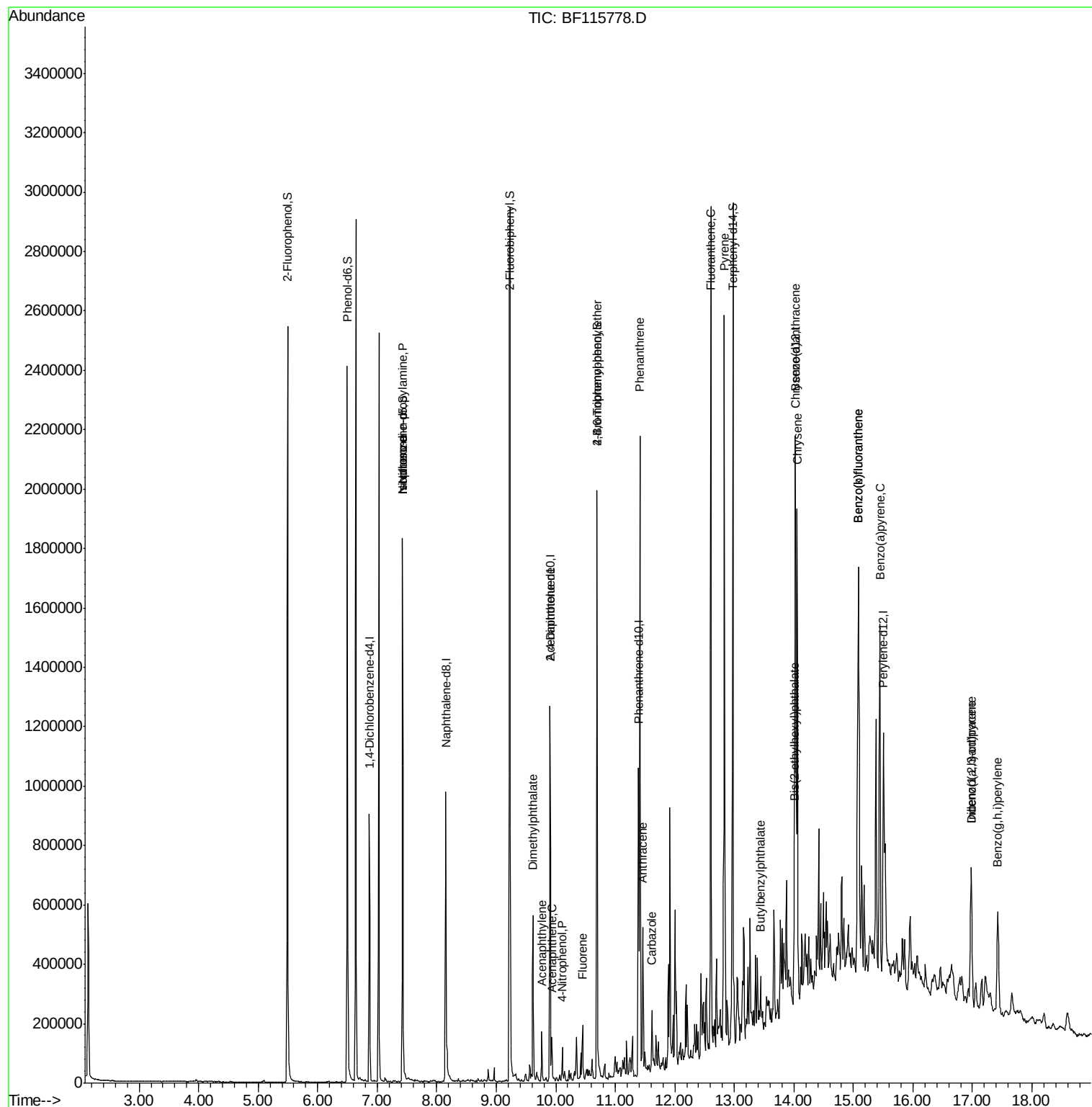
						Qvalue
19) n-Nitroso-di-n-propylamine	7.43	70	80108	12.999	ng	# 79
25) Isophorone	7.43	82	595061	37.172	ng	# 65
49) Acenaphthylene	9.76	152	69735	3.005	ng	97
50) Dimethylphthalate	9.62	163	226630	12.520	ng	98
52) Acenaphthene	9.94	154	31487	2.102	ng	97
56) 4-Nitrophenol	10.11	139	13255	3.698	ng	# 10
57) 2,4-Dinitrotoluene	9.90	165	32551	6.108	ng	# 25
58) Fluorene	10.45	166	52669	3.463	ng	100
67) 4-Bromophenyl-phenylether	10.69	248	15209	3.477	ng	# 1
71) Phenanthrene	11.42	178	754125	38.441	ng	99
72) Anthracene	11.46	178	186628	9.205	ng	99
73) Carbazole	11.62	167	79315	4.461	ng	98
75) Fluoranthene	12.61	202	1212668	58.496	ng	100
78) Pyrene	12.84	202	1109832	44.123	ng	99
80) Butylbenzylphthalate	13.44	149	35478	3.309	ng	94
81) Benzo(a)anthracene	14.02	228	695513	35.560	ng	96
83) Chrysene	14.06	228	587372	29.915	ng	98
84) Bis(2-ethylhexyl)phthalate	14.00	149	31733	2.389	ng	99
86) Indeno(1,2,3-cd)pyrene	16.98	276	303270	18.180	ng	96
88) Benzo(b)fluoranthene	15.08	252	1082527	45.823	ng	99
89) Benzo(k)fluoranthene	15.08	252	1082527	51.397	ng	99
90) Benzo(a)pyrene	15.44	252	588119	28.965	ng	97
91) Dibenzo(a,h)anthracene	16.99	278	86816	4.870	ng	# 89
92) Benzo(g,h,i)perylene	17.43	276	291450	16.394	ng	97

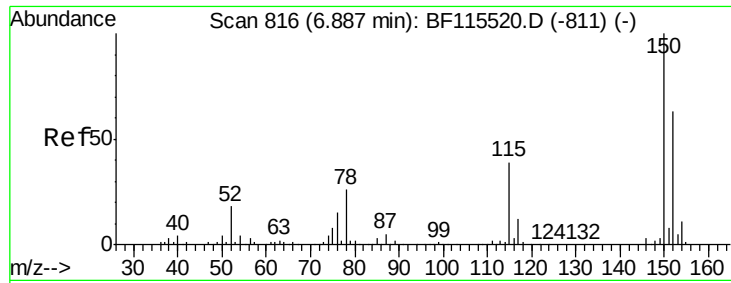
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072519\
Data File : BF115778.D
Acq On : 26 Jul 2019 00:26
Operator : HP/JU
Sample : K3983-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
SP-4

Quant Time: Jul 26 06:01:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration



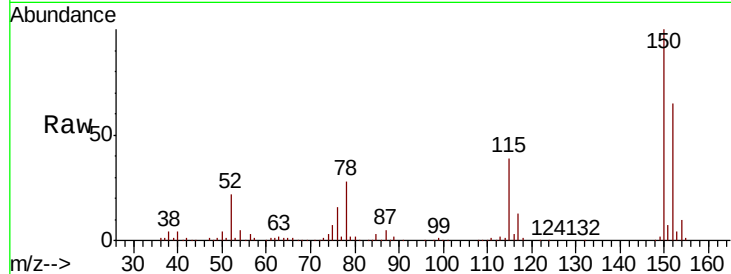


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115778.D
Acq: 26 Jul 2019 00:26

Instrument :
BNA_F
ClientSampleId :
SP-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.6	189.8
115	60.5	47.8	71.6

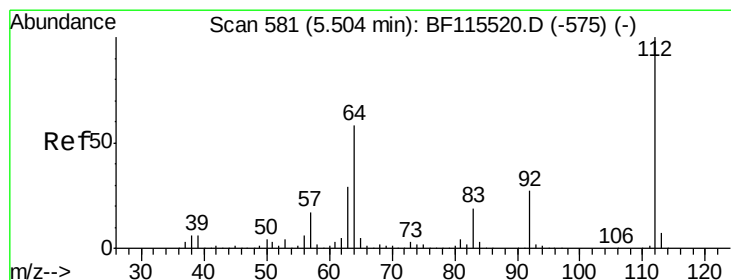
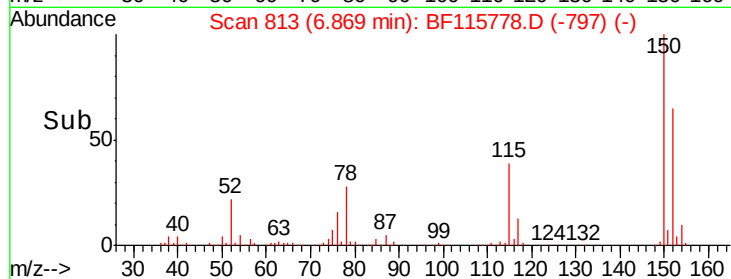
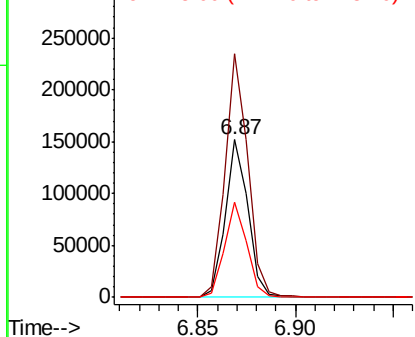


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

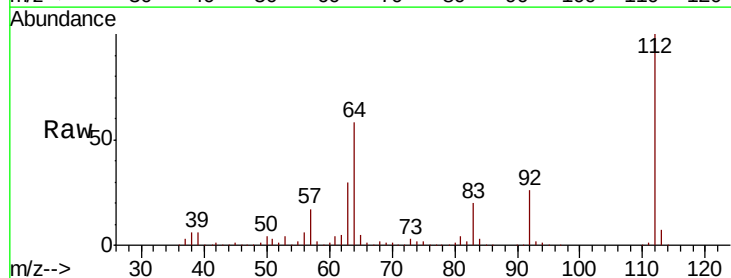
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 100.389 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF115778.D
Acq: 26 Jul 2019 00:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	45.8	68.8
63	30.1	23.6	35.4

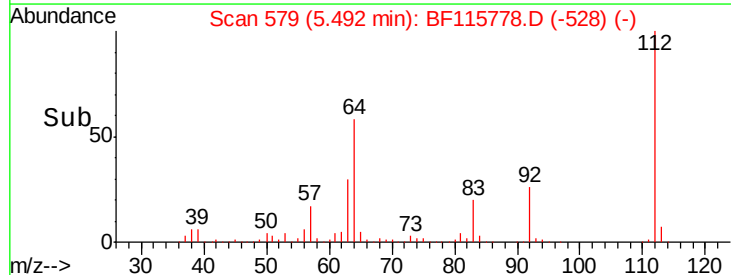
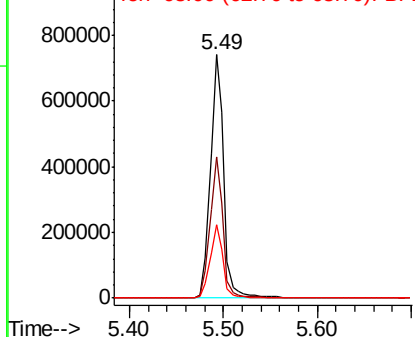


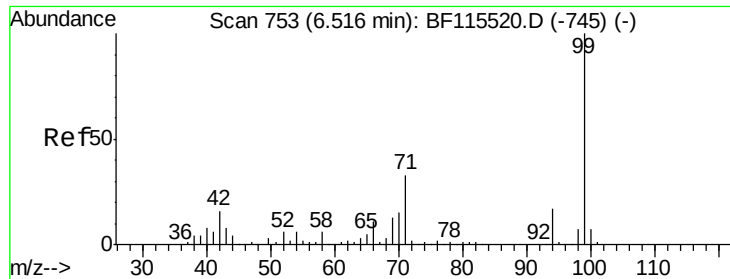
Abundance

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: 103.322 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF115778.D

Acq: 26 Jul 2019 00:26

Instrument :

BNA_F

ClientSampleId :

SP-4

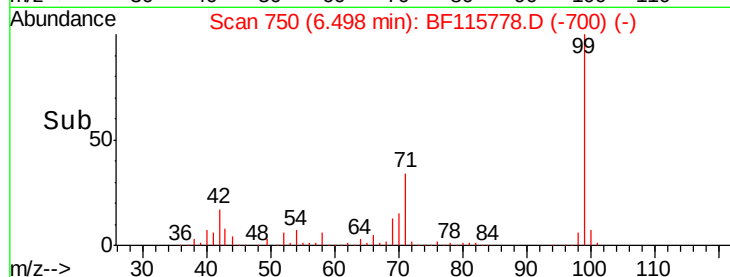
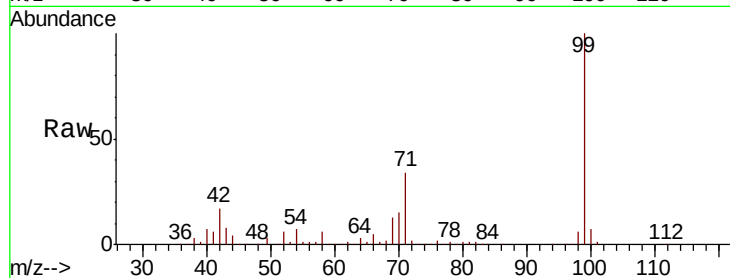
Tot Ion: 99 Resp: 976309

Ion Ratio Lower Upper

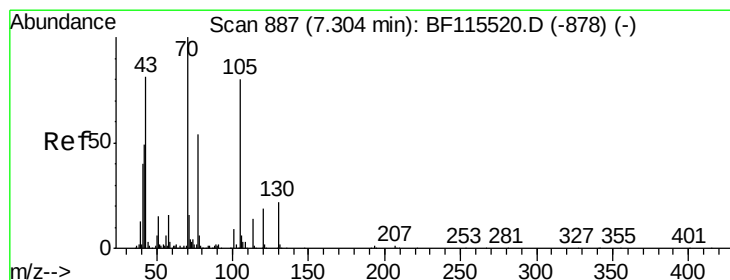
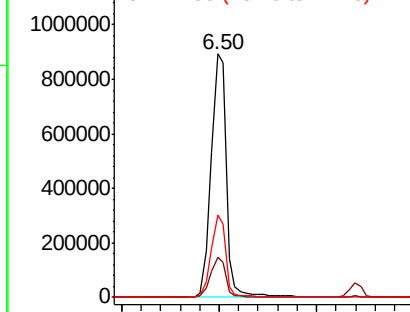
99 100

42 16.6 13.4 20.2

71 33.8 26.7 40.1



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: 12.999 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF115778.D

Acq: 26 Jul 2019 00:26

Tgt Ion: 70 Resp: 80108

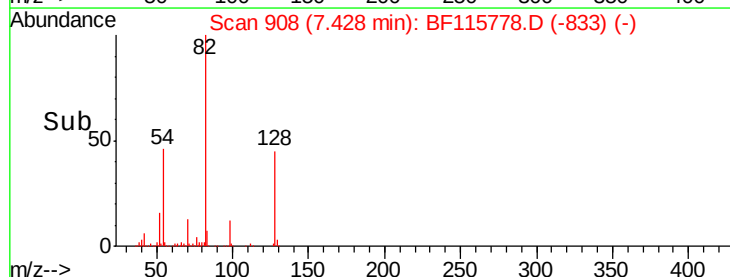
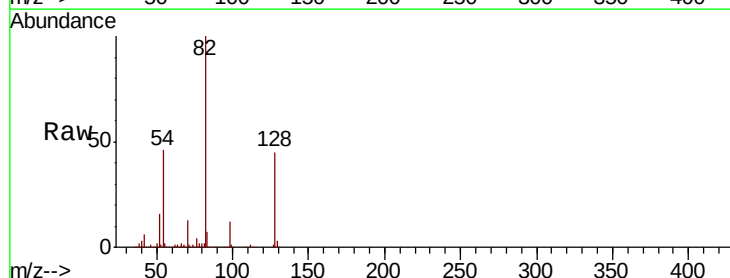
Ion Ratio Lower Upper

70 100

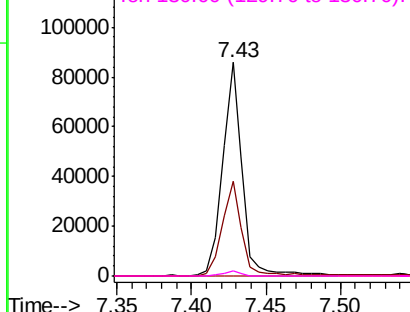
42 44.1 41.8 62.8

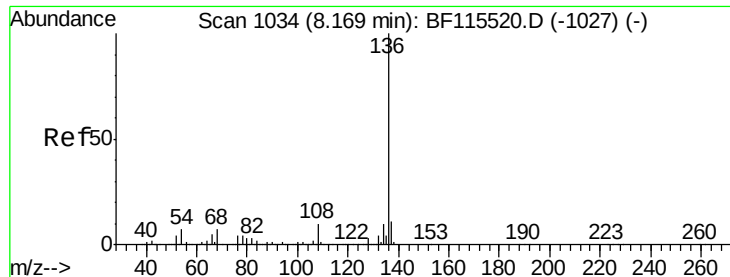
101 0.0 7.6 11.4#

130 2.2 16.9 25.3#



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

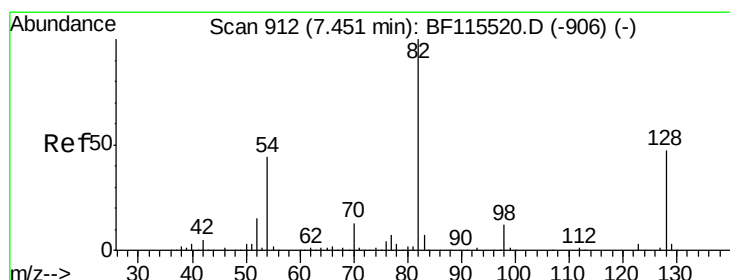
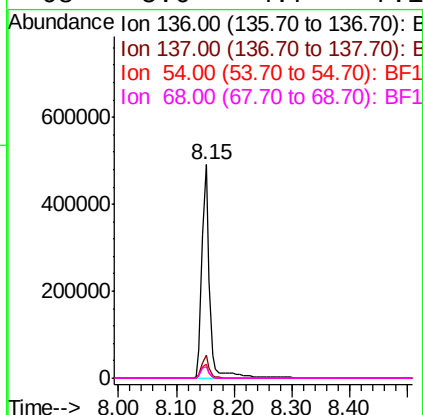
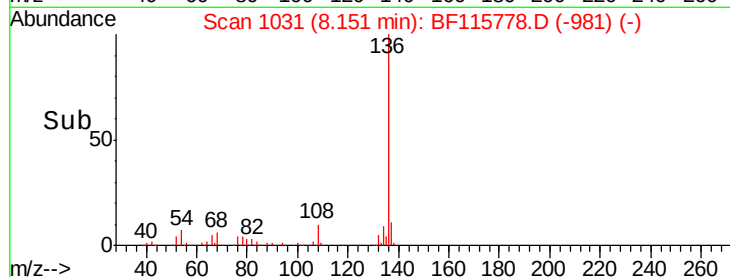
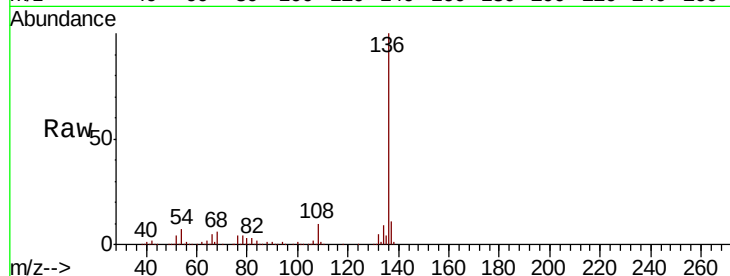




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115778.D
Acq: 26 Jul 2019 00:26

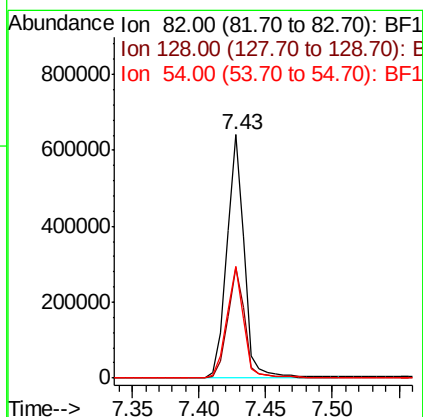
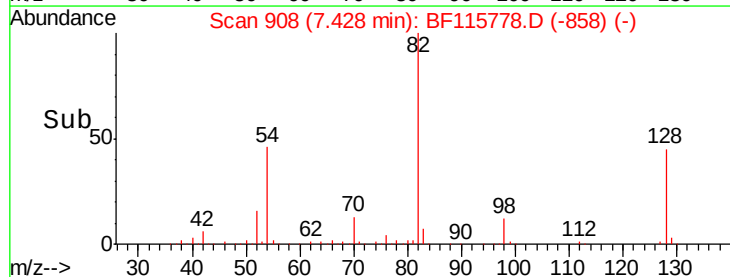
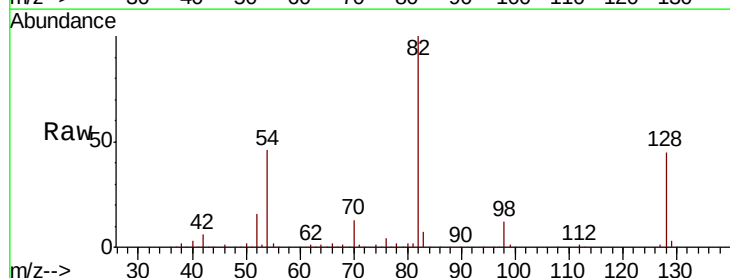
Instrument :
BNA_F
ClientSampleId :
SP-4

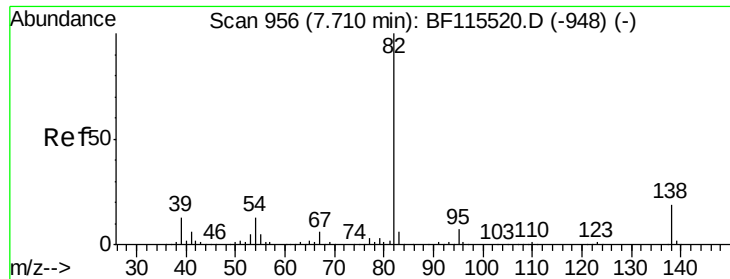
Tot Ion:136	Resp:	465177
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.7	13.1
54 6.7	5.0	7.6
68 5.6	4.7	7.1



#23
Nitrobenzene-d5
Concen: 74.383 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF115778.D
Acq: 26 Jul 2019 00:26

Tgt Ion: 82	Resp: 595066
Ion Ratio	Lower Upper
82 100	
128 45.4	36.6 55.0
54 45.8	36.6 54.8





#25

Isophorone

Concen: 37.172 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF115778.D

Acq: 26 Jul 2019 00:26

Instrument :

BNA_F

ClientSampleId :

SP-4

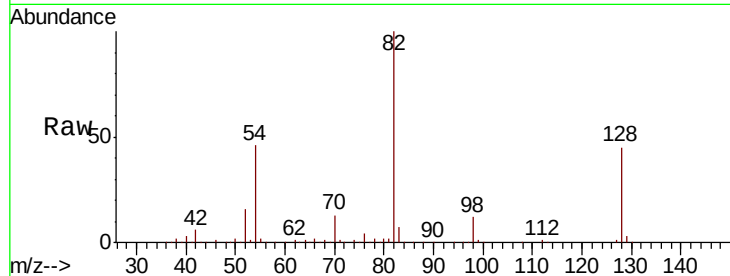
Tot Ion: 82 Resp: 595061

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

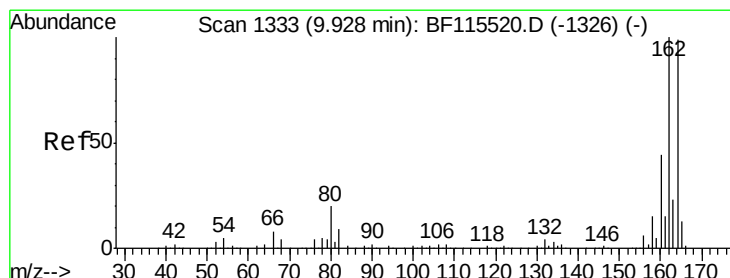
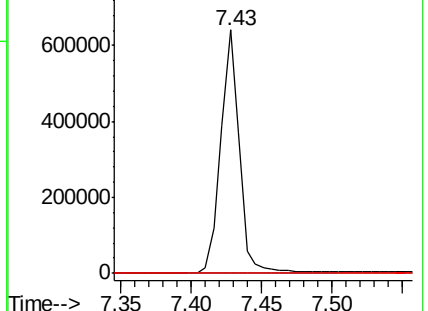
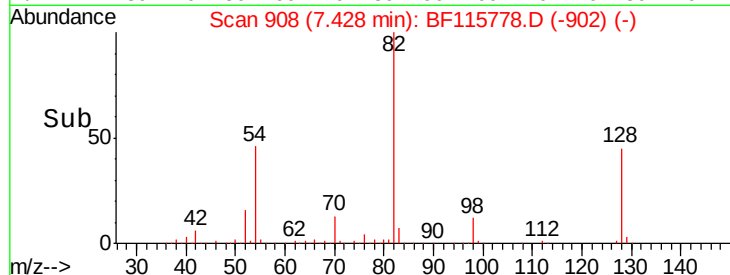
138 0.0 14.2 21.4#



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: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF115778.D

Acq: 26 Jul 2019 00:26

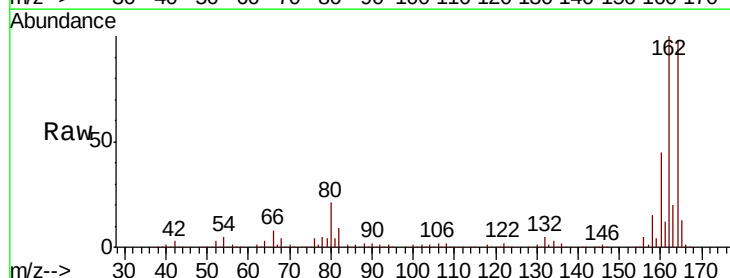
Tgt Ion: 164 Resp: 240597

Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.6

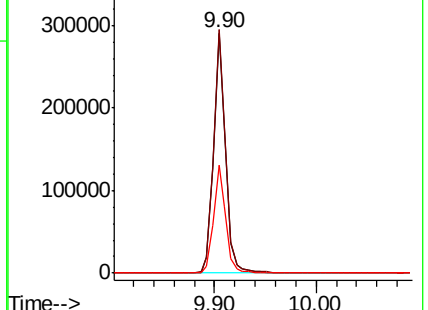
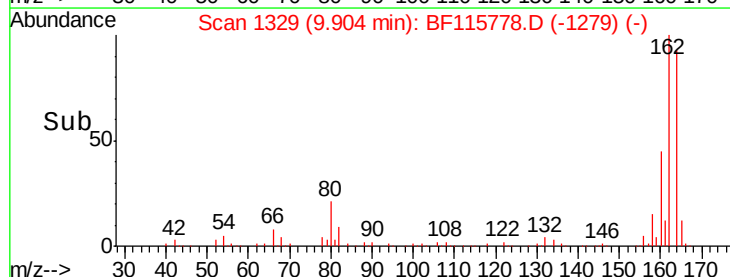
160 45.2 37.5 56.3

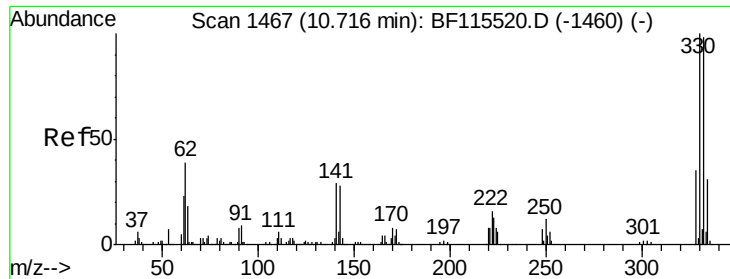


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 89.017 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF115778.D

Acq: 26 Jul 2019 00:26

Instrument :

BNA_F

ClientSampleId :

SP-4

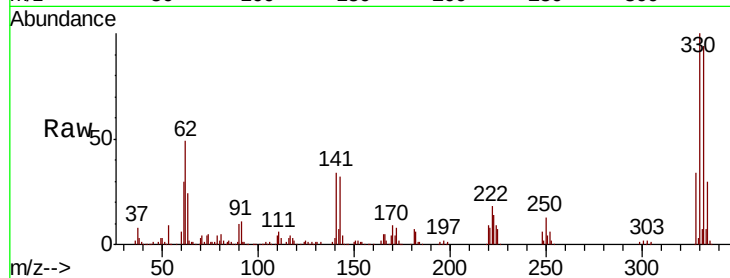
Tot Ion:330 Resp: 249992

Ion Ratio Lower Upper

330 100

332 94.9 76.1 114.1

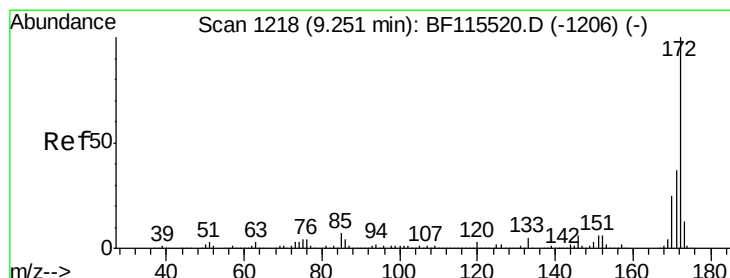
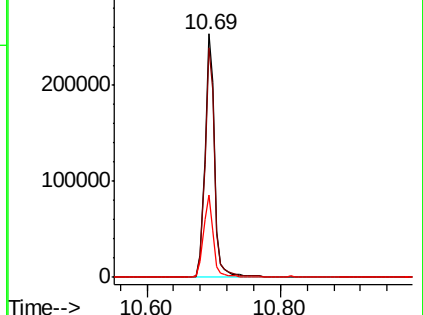
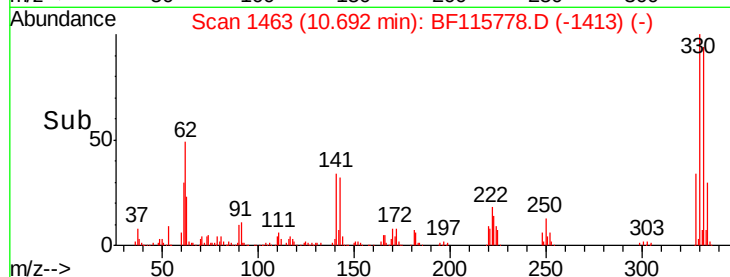
141 34.3 25.9 38.9



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: 74.305 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF115778.D

Acq: 26 Jul 2019 00:26

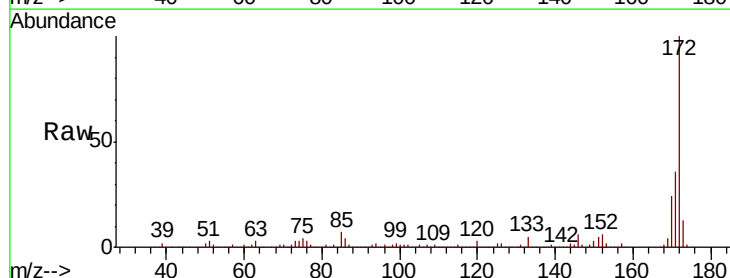
Tgt Ion:172 Resp: 1021404

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.4

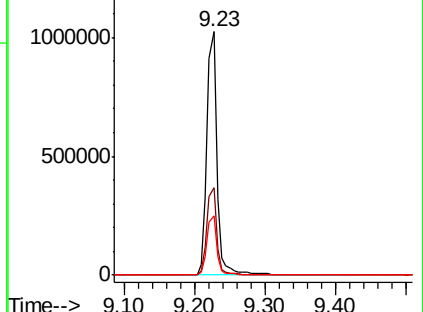
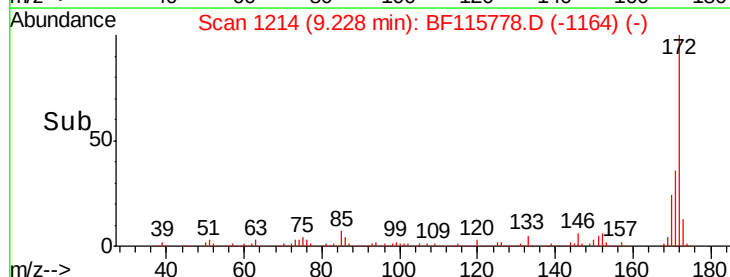
170 24.2 20.1 30.1

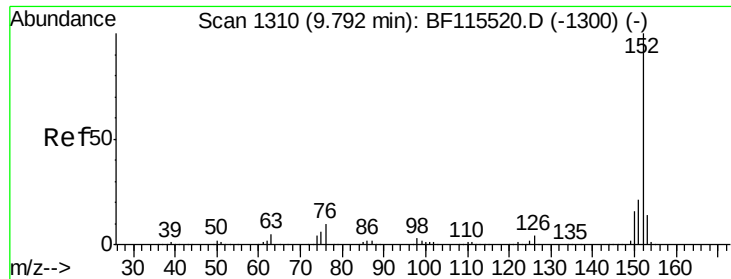


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Acenaphthylene

Concen: 3.005 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF115778.D

Acq: 26 Jul 2019 00:26

Instrument :

BNA_F

ClientSampled :

SP-4

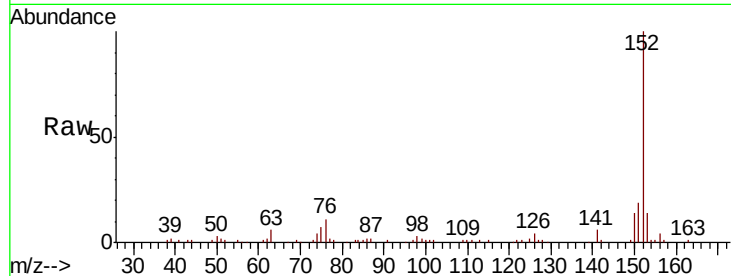
Tot Ion:152 Resp: 69735

Ion Ratio Lower Upper

152 100

151 19.1 16.9 25.3

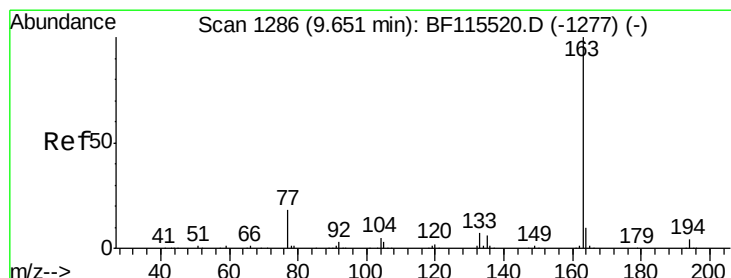
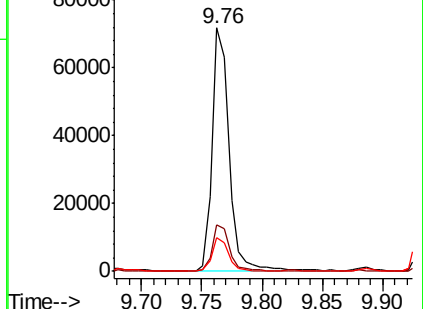
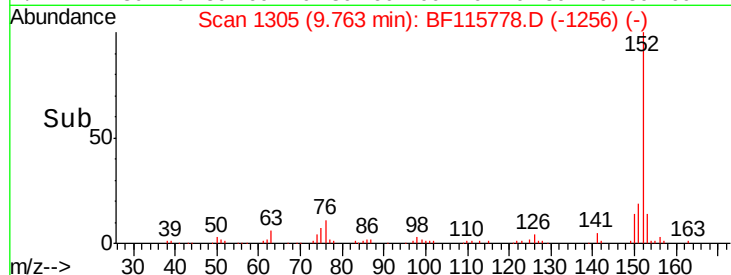
153 13.6 11.5 17.3



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: 12.520 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF115778.D

Acq: 26 Jul 2019 00:26

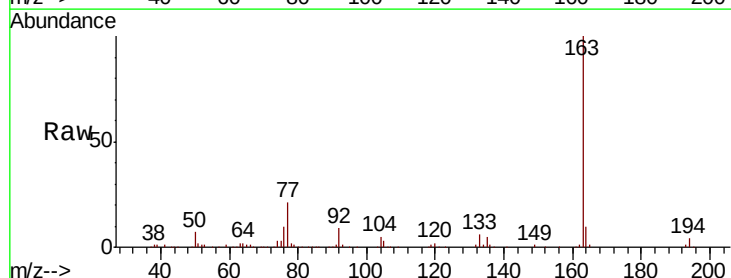
Tgt Ion:163 Resp: 226630

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

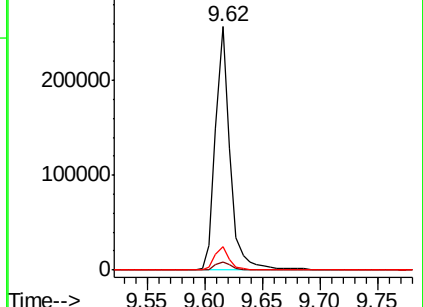
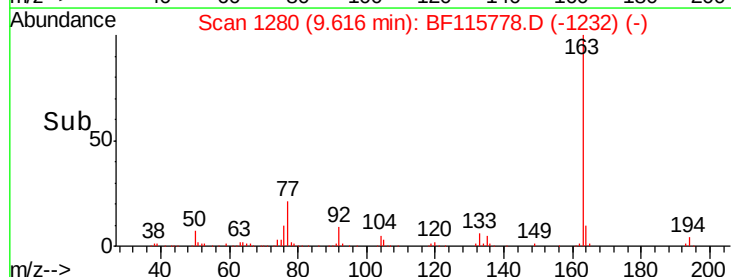
164 9.8 8.3 12.5

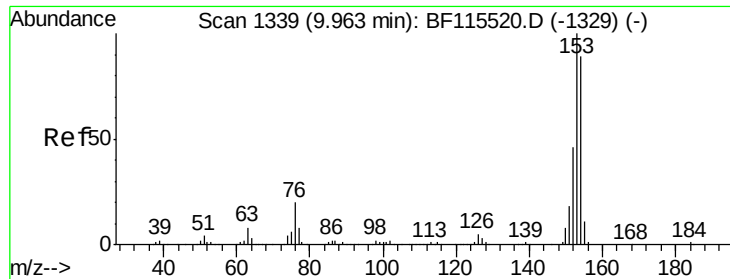


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 2.102 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF115778.D

Acq: 26 Jul 2019 00:26

Instrument :

BNA_F

ClientSampleId :

SP-4

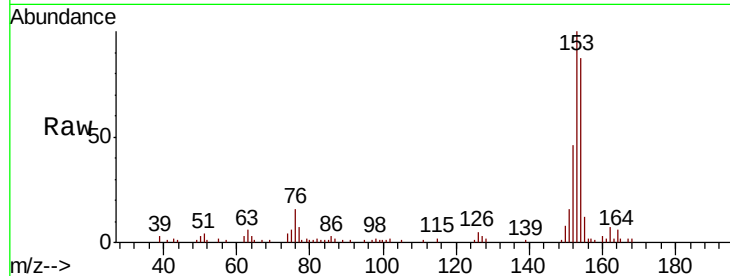
Tot Ion:154 Resp: 31487

Ion Ratio Lower Upper

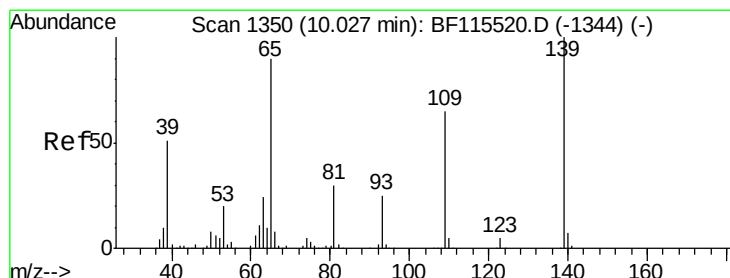
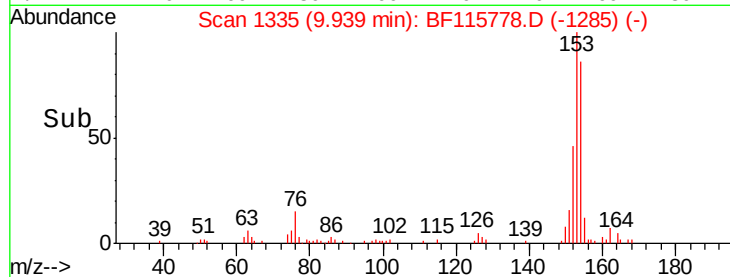
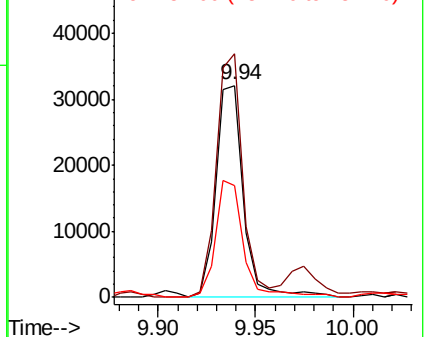
154 100

153 115.0 88.1 132.1

152 52.8 42.0 63.0



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



#56

4-Nitrophenol

Concen: 3.698 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.09 min

Lab File: BF115778.D

Acq: 26 Jul 2019 00:26

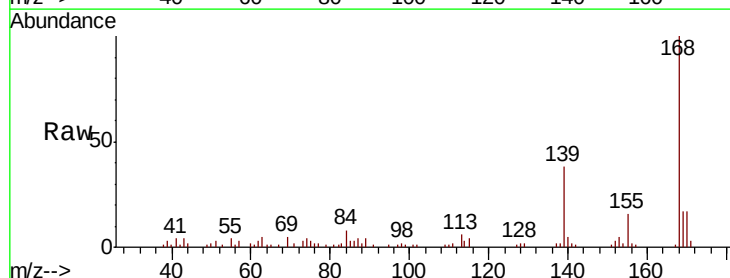
Tgt Ion:139 Resp: 13255

Ion Ratio Lower Upper

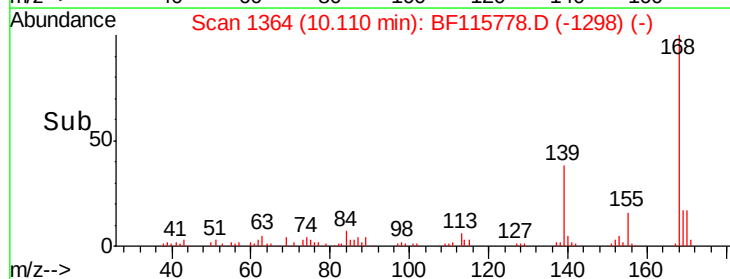
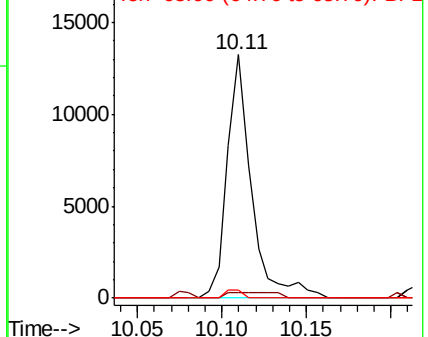
139 100

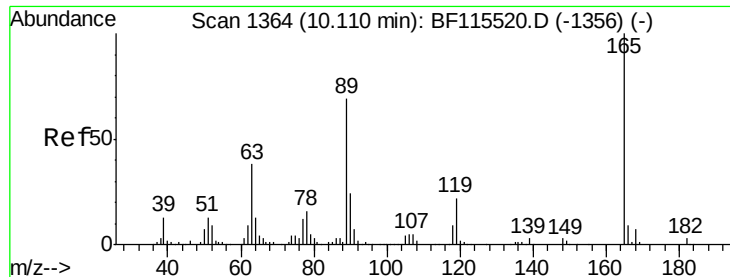
109 2.5 51.2 91.2#

65 3.3 76.0 116.0#



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

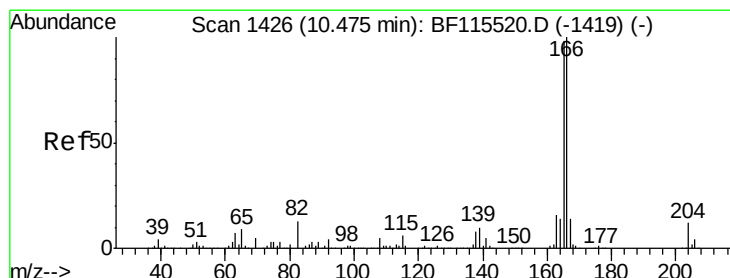
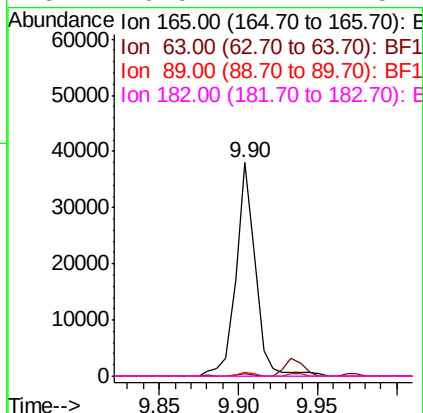
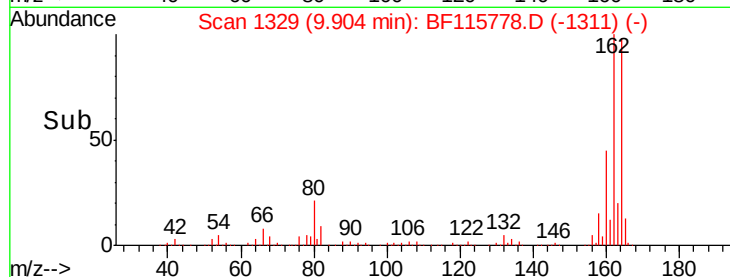
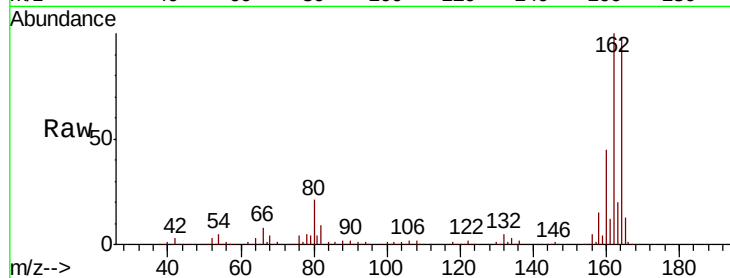




#57
2,4-Dinitrotoluene
Concen: 6.108 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.19 min
Lab File: BF115778.D
Acq: 26 Jul 2019 00:26

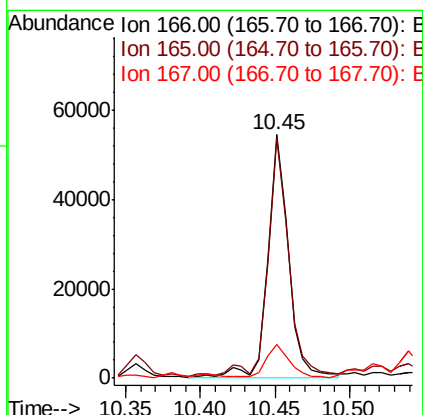
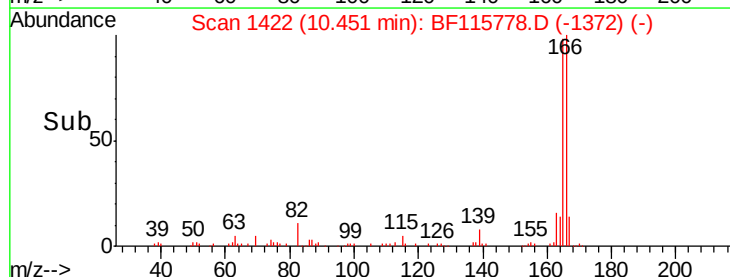
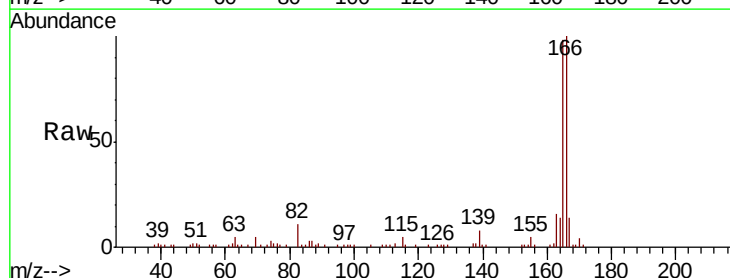
Instrument :
BNA_F
ClientSampleId :
SP-4

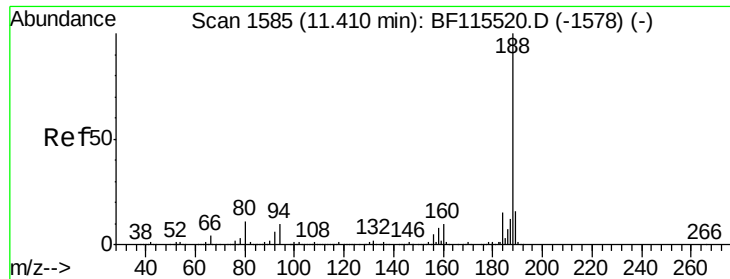
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.4	50.2#
89	1.6	57.3	85.9#
182	0.0	2.1	3.1#



#58
Fluorene
Concen: 3.463 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF115778.D
Acq: 26 Jul 2019 00:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.0	118.4
167	14.1	11.0	16.6

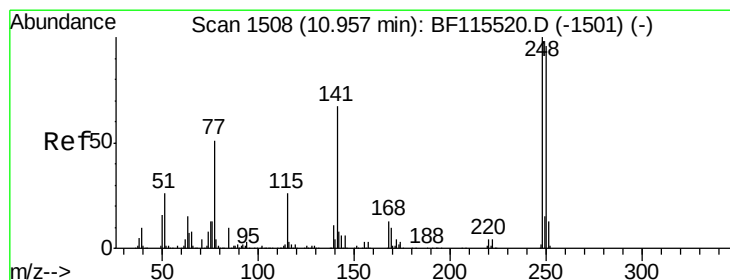
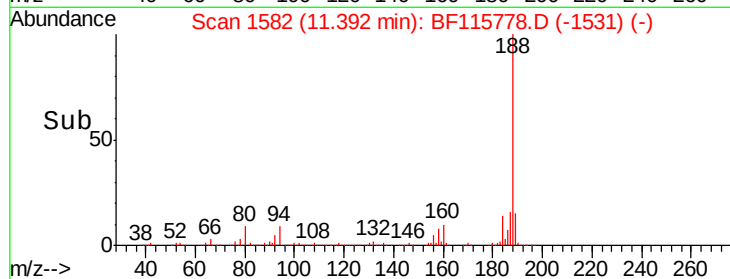
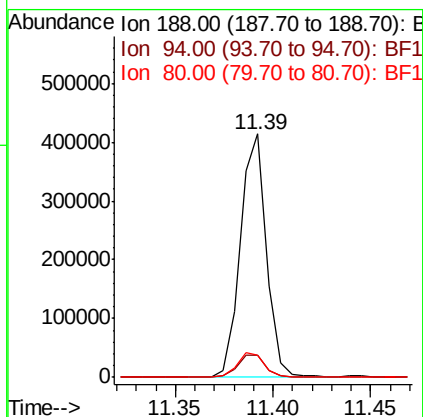
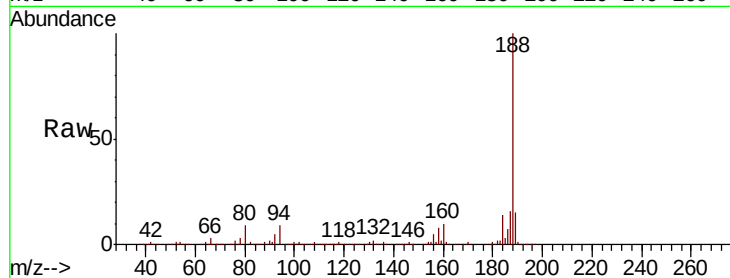




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF115778.D
Acq: 26 Jul 2019 00:26

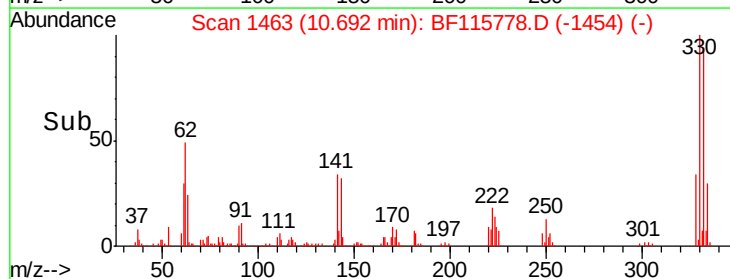
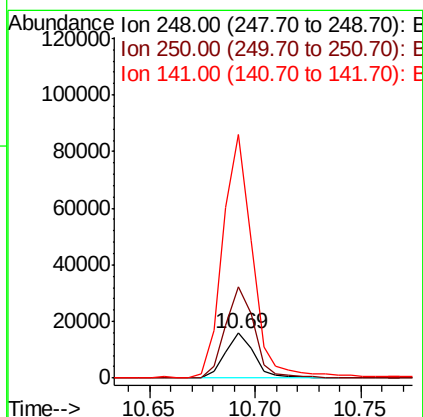
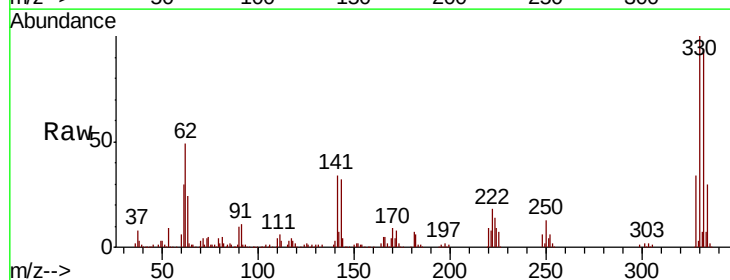
Instrument :
BNA_F
ClientSampleId :
SP-4

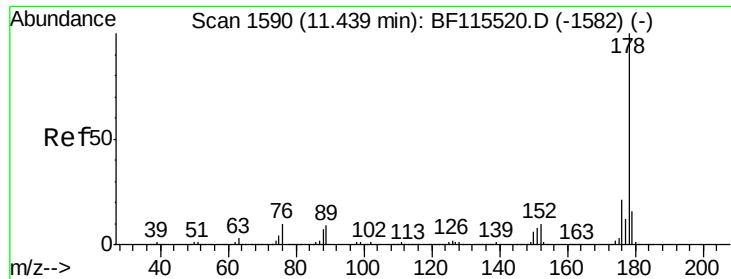
Tot Ion:188 Resp: 382719
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.2
80 9.2 9.0 13.6



#67
4-Bromophenyl-phenylether
Concen: 3.477 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.25 min
Lab File: BF115778.D
Acq: 26 Jul 2019 00:26

Tgt Ion:248 Resp: 15209
Ion Ratio Lower Upper
248 100
250 204.0 77.0 115.4#
141 540.6 52.1 78.1#

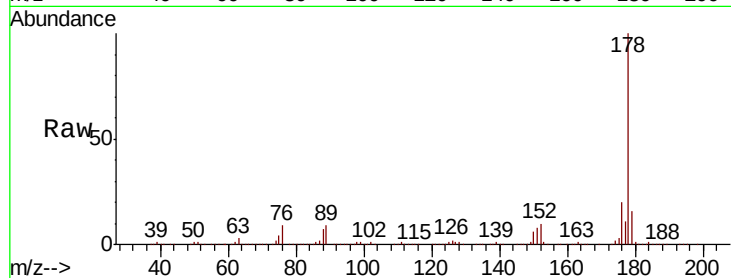




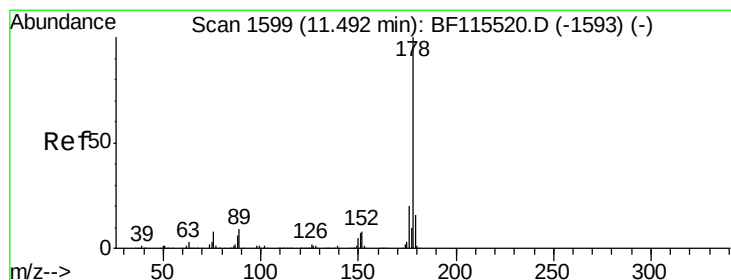
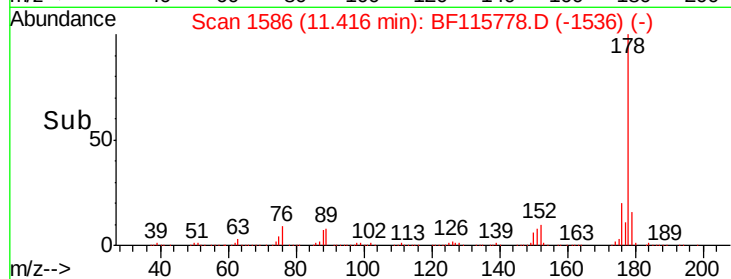
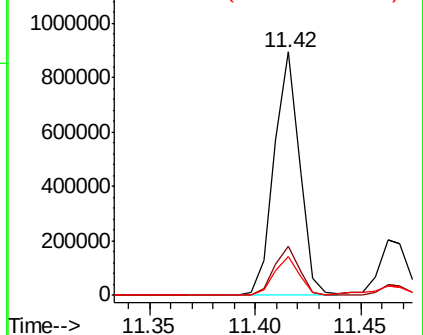
#71
Phenanthrene
Concen: 38.441 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115778.D
Acq: 26 Jul 2019 00:26

Instrument :
BNA_F
ClientSampleId :
SP-4

Tot Ion:178 Resp: 754125
Ion Ratio Lower Upper
178 100
176 20.2 16.4 24.6
179 16.0 12.7 19.1

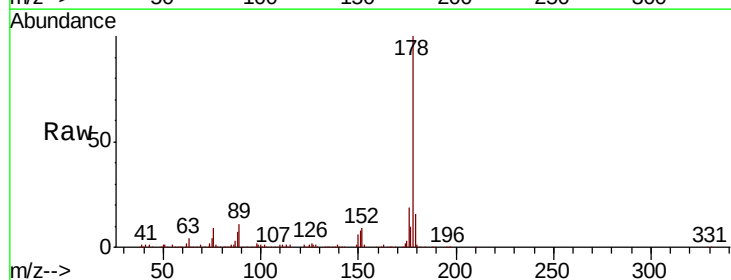


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

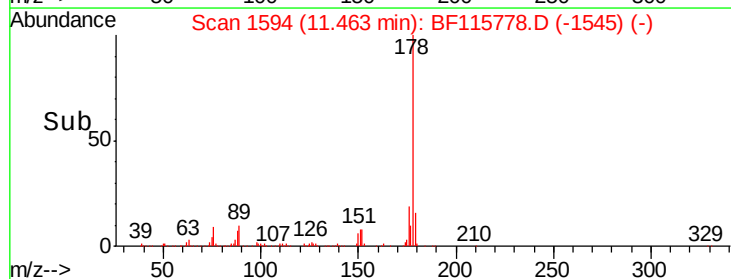
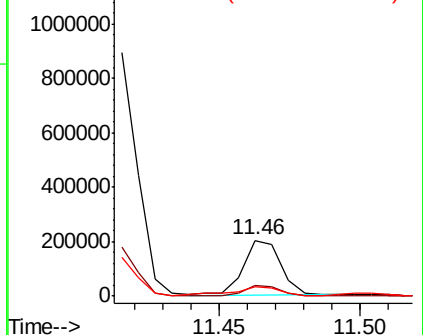


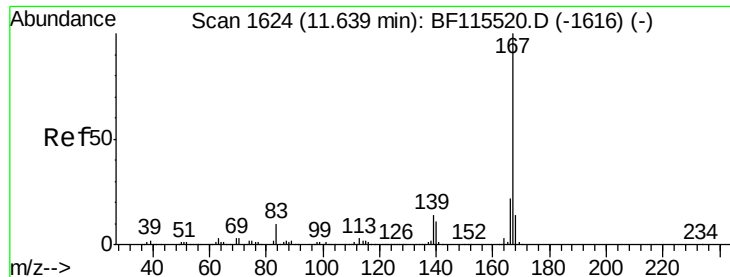
#72
Anthracene
Concen: 9.205 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF115778.D
Acq: 26 Jul 2019 00:26

Tgt Ion:178 Resp: 186628
Ion Ratio Lower Upper
178 100
176 19.4 16.1 24.1
179 16.2 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

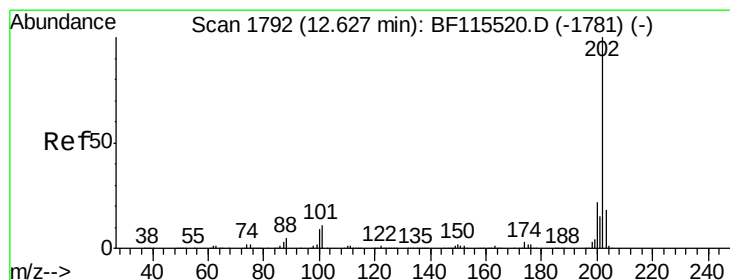
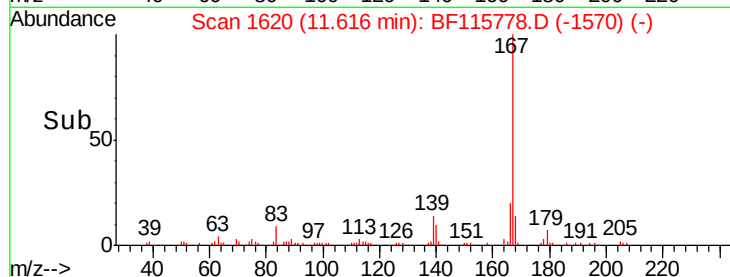
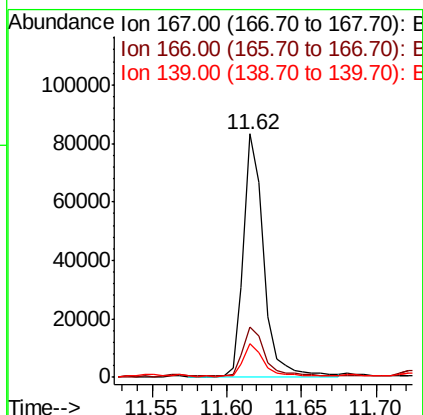
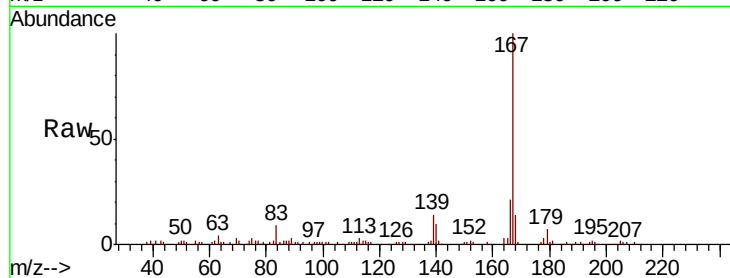




#73
 Carbazole
 Concen: 4.461 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.01 min
 Lab File: BF115778.D
 Acq: 26 Jul 2019 00:26

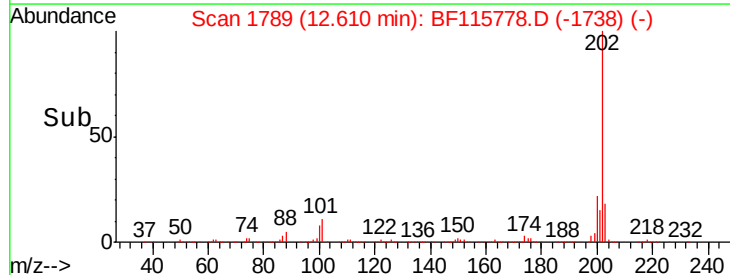
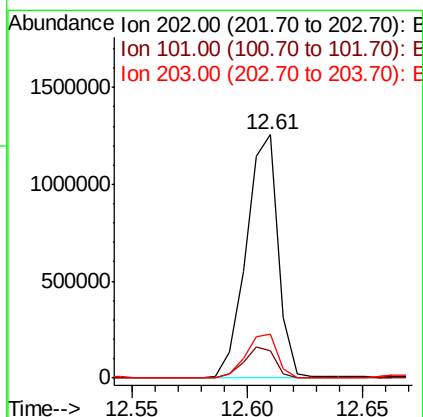
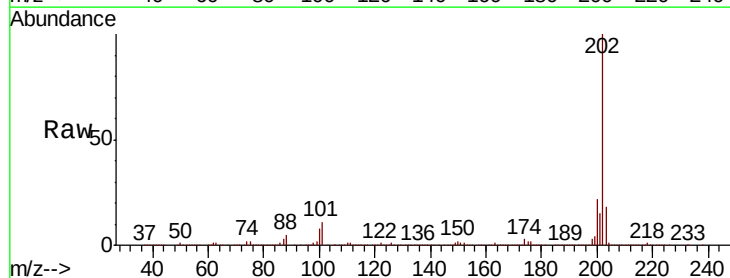
Instrument :
 BNA_F
 ClientSampled :
 SP-4

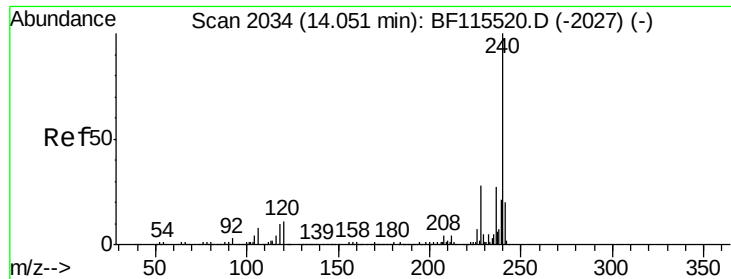
Tot Ion:167 Resp: 79315
 Ion Ratio Lower Upper
 167 100
 166 20.9 18.0 27.0
 139 13.9 11.1 16.7



#75
 Fluoranthene
 Concen: 58.496 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: BF115778.D
 Acq: 26 Jul 2019 00:26

Tgt Ion:202 Resp: 1212668
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 31.6
 203 17.9 0.0 38.0

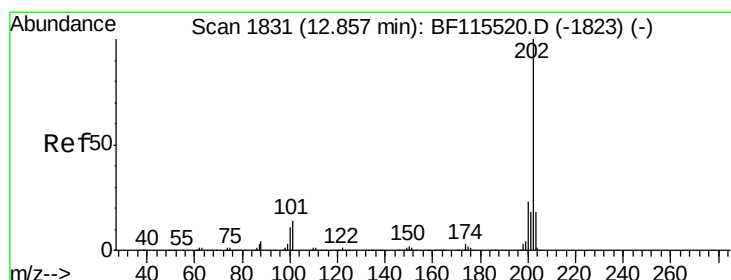
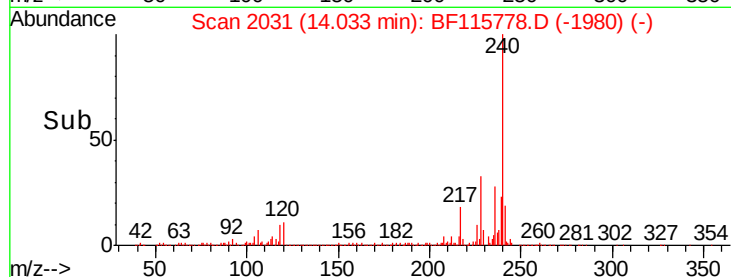
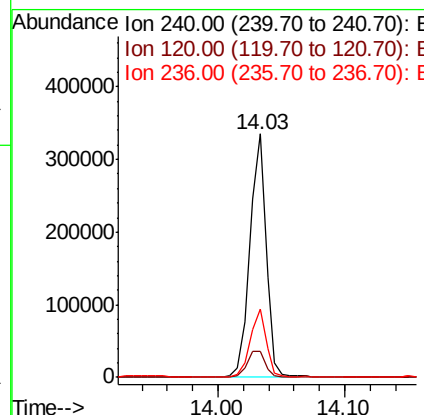
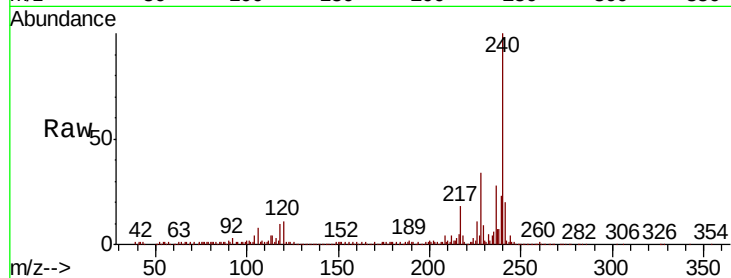




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF115778.D
Acq: 26 Jul 2019 00:26

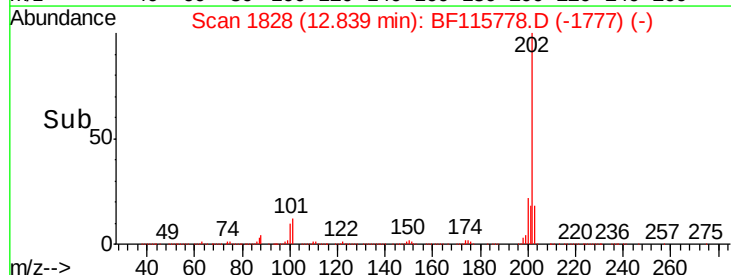
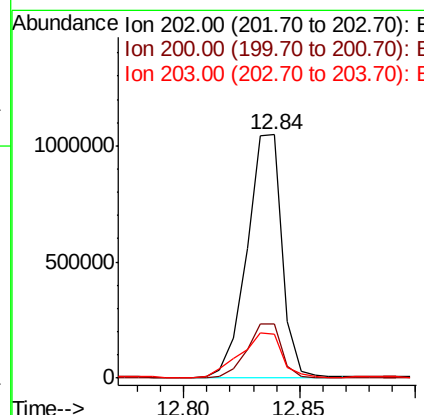
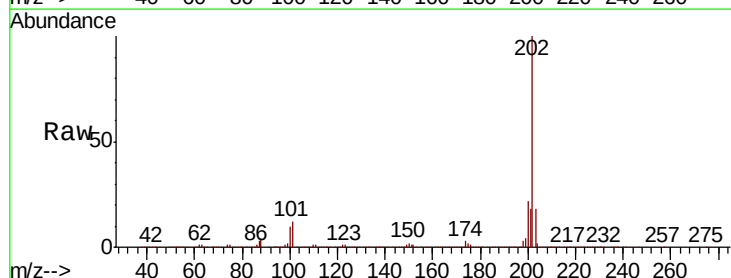
Instrument :
BNA_F
ClientSampleId :
SP-4

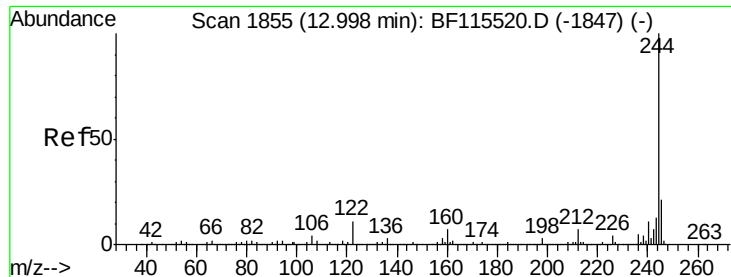
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	10.0	15.0
236	27.9	21.8	32.6



#78
Pyrene
Concen: 44.123 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BF115778.D
Acq: 26 Jul 2019 00:26

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	18.2	27.4
203	18.1	14.6	21.8

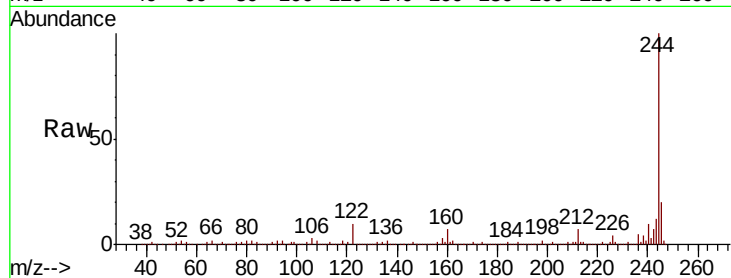




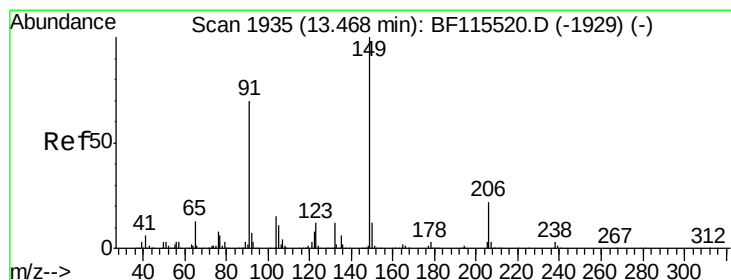
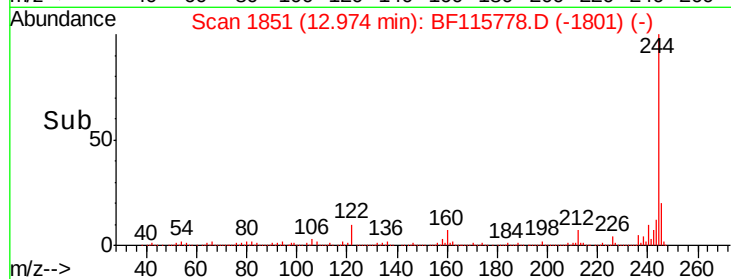
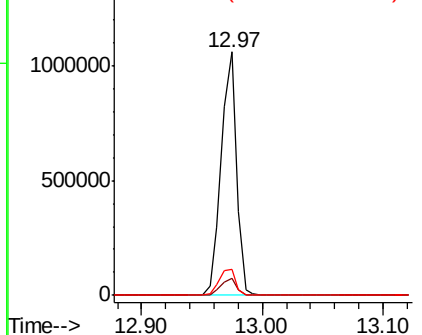
#79
 Terphenyl-d14
 Concen: 57.859 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF115778.D
 Acq: 26 Jul 2019 00:26

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	10.4	8.2	12.4

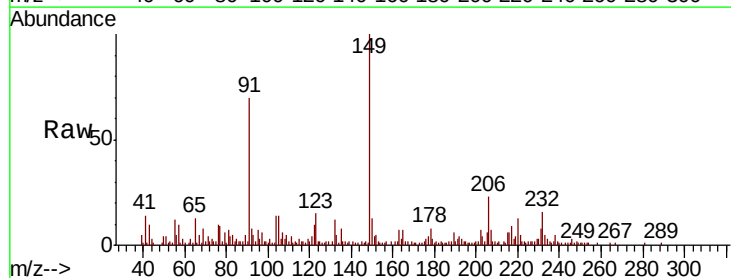


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

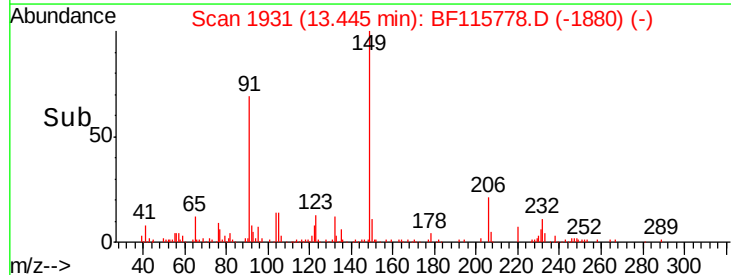
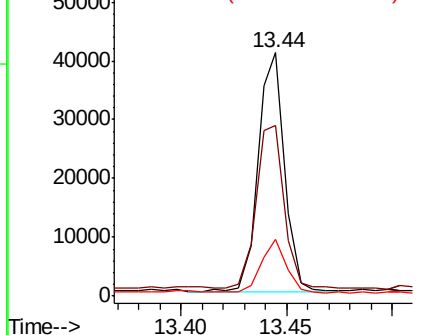


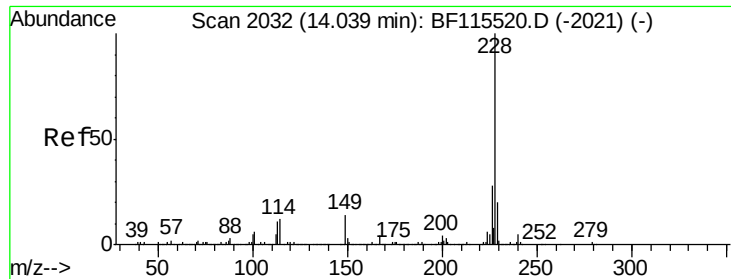
#80
 Butylbenzylphthalate
 Concen: 3.309 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. 0.00 min
 Lab File: BF115778.D
 Acq: 26 Jul 2019 00:26

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.2	59.8	89.8
206	23.1	16.2	24.4



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

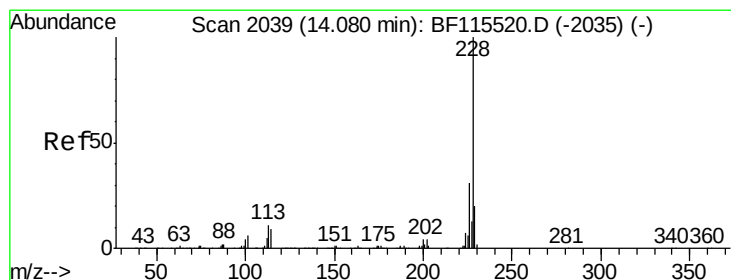
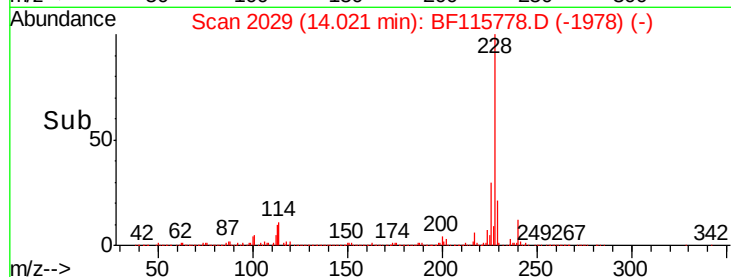
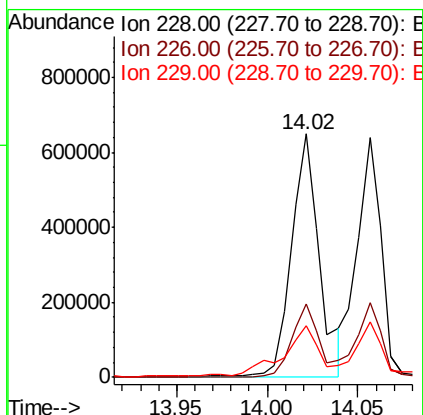
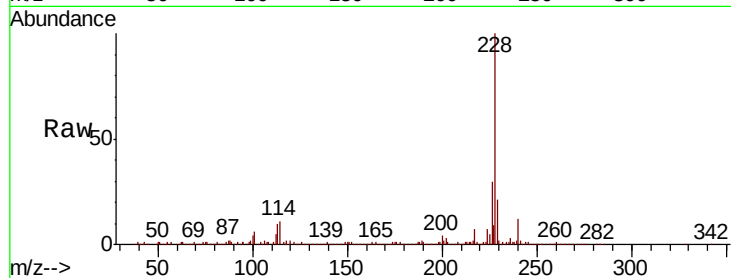




#81
Benzo(a)anthracene
Concen: 35.560 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF115778.D
Acq: 26 Jul 2019 00:26

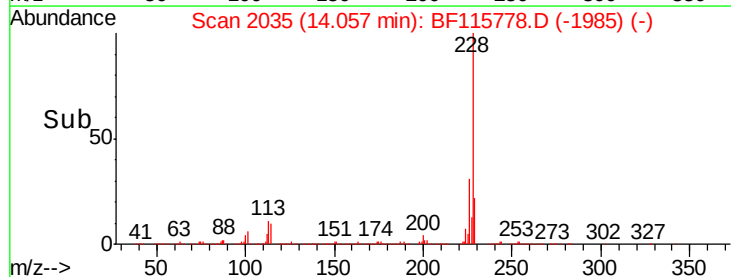
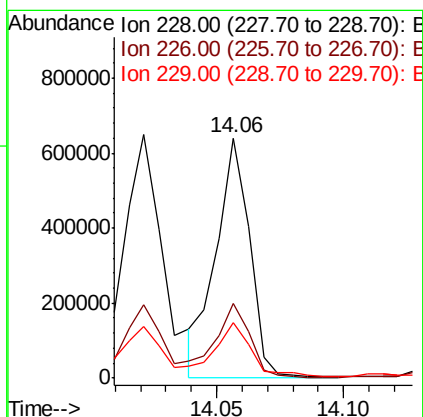
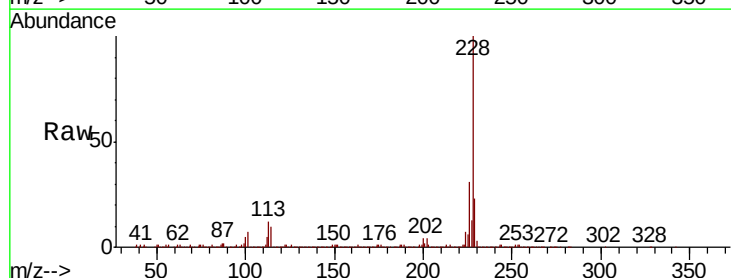
Instrument :
BNA_F
ClientSampled :
SP-4

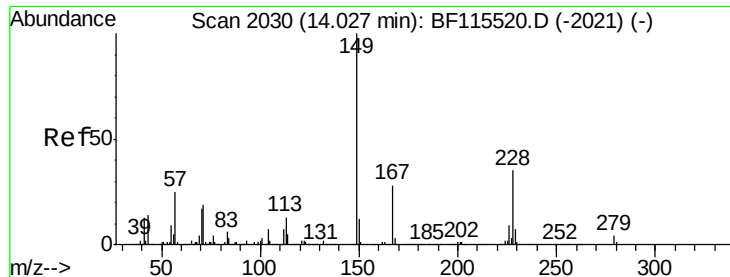
Tot Ion:228 Resp: 695513
Ion Ratio Lower Upper
228 100
226 30.1 22.2 33.2
229 21.2 16.1 24.1



#83
Chrysene
Concen: 29.915 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF115778.D
Acq: 26 Jul 2019 00:26

Tgt Ion:228 Resp: 587372
Ion Ratio Lower Upper
228 100
226 31.1 25.0 37.4
229 23.0 16.2 24.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.389 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BF115778.D

Acq: 26 Jul 2019 00:26

Instrument :

BNA_F

ClientSampleId :

SP-4

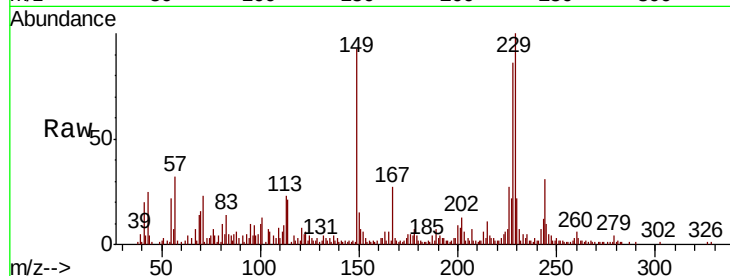
Tot Ion:149 Resp: 31733

Ion Ratio Lower Upper

149 100

167 28.6 22.5 33.7

279 3.8 3.1 4.7

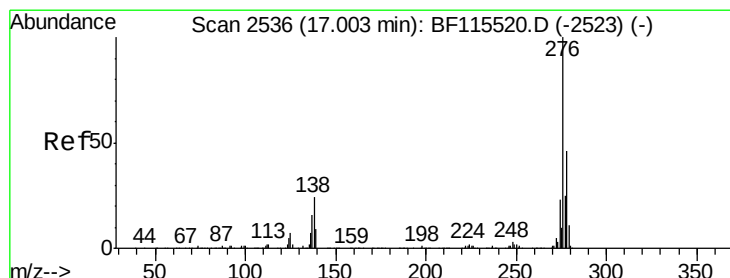
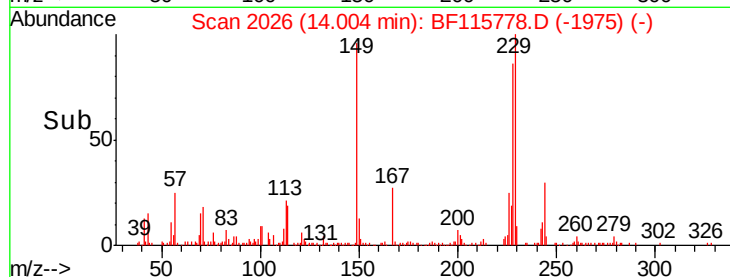
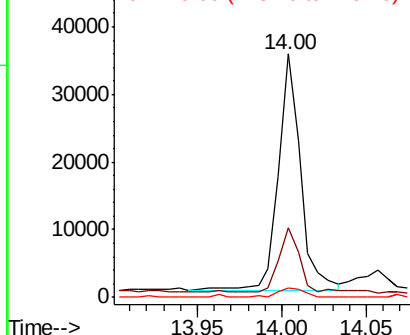


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 18.180 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.00 min

Lab File: BF115778.D

Acq: 26 Jul 2019 00:26

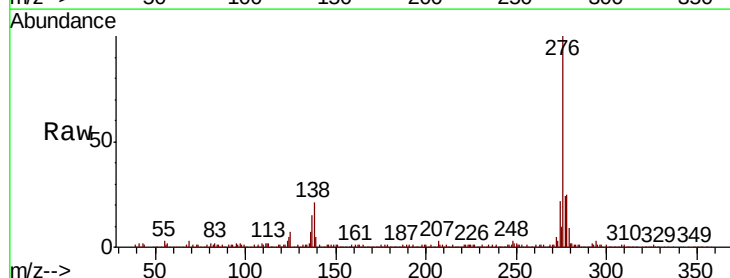
Tgt Ion:276 Resp: 303270

Ion Ratio Lower Upper

276 100

138 21.4 20.1 30.1

277 24.7 19.8 29.8

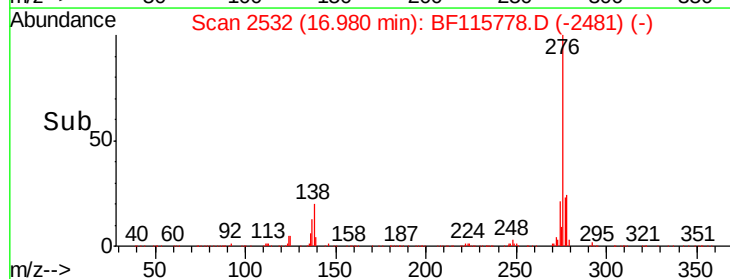
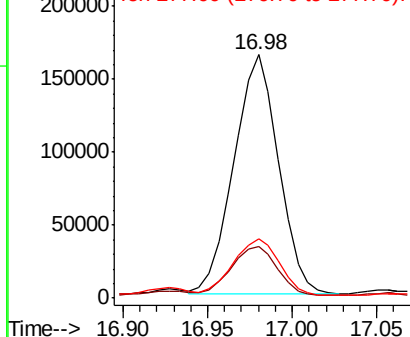


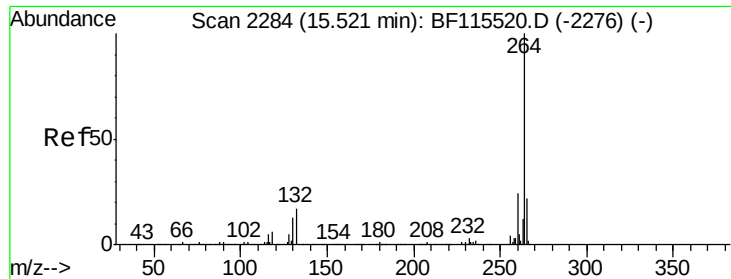
Abundance

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

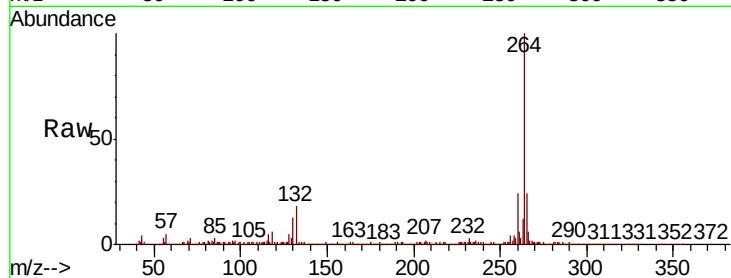




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF115778.D
Acq: 26 Jul 2019 00:26

Instrument :
BNA_F
ClientSampleId :
SP-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	23.9	17.5	26.3

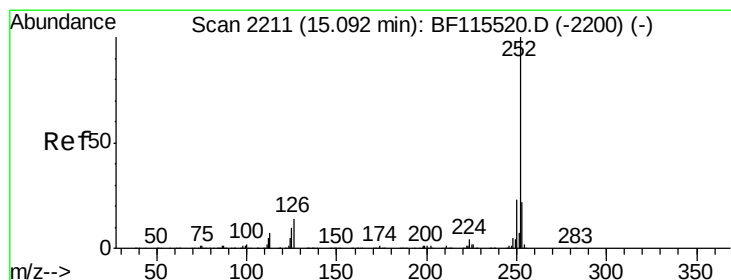
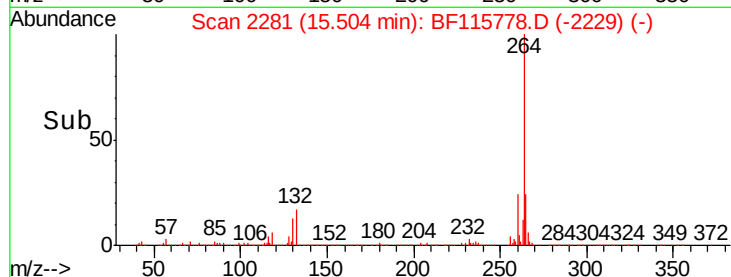
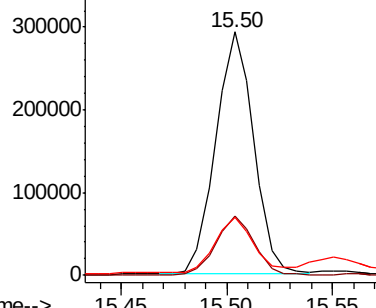


Abundance

Ion 264.00 (263.70 to 264.70): E

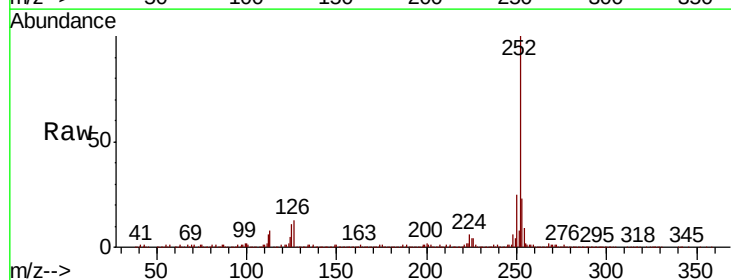
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 45.823 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.01 min
Lab File: BF115778.D
Acq: 26 Jul 2019 00:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.5	8.4	12.6

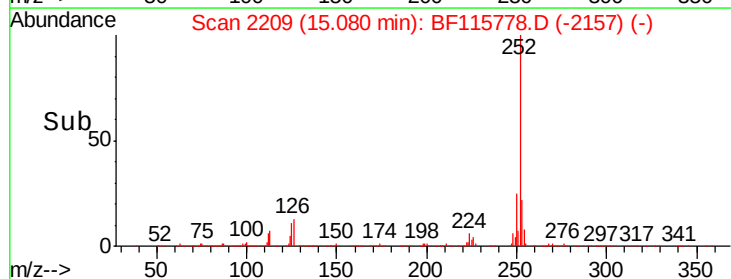
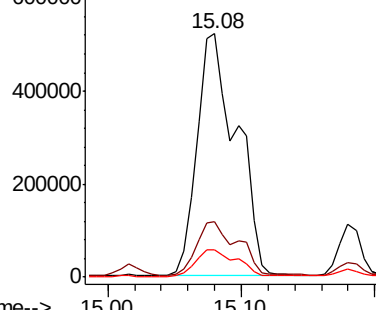


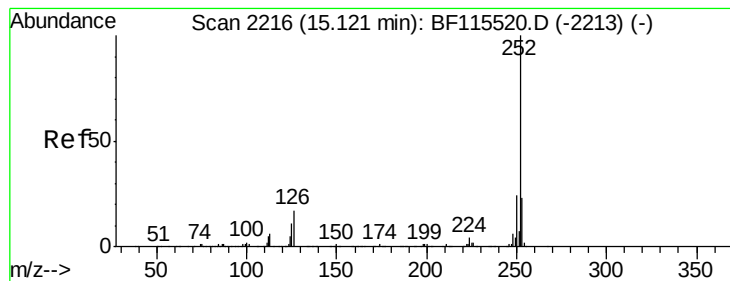
Abundance

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

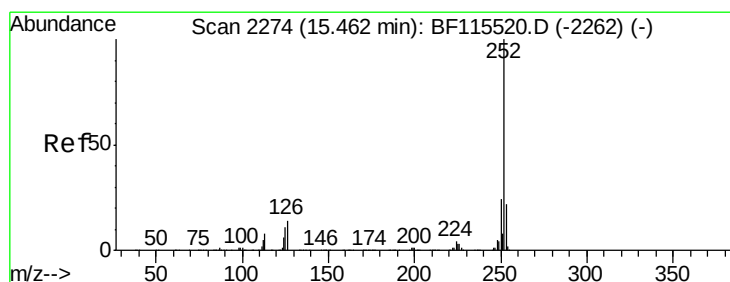
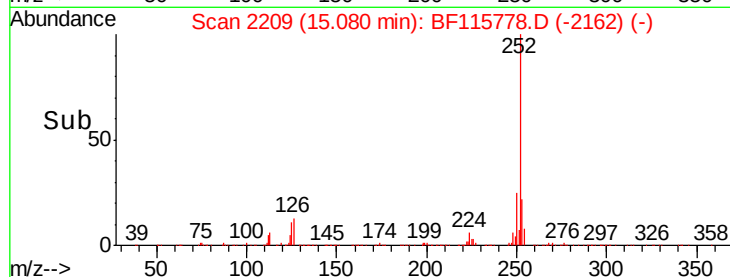
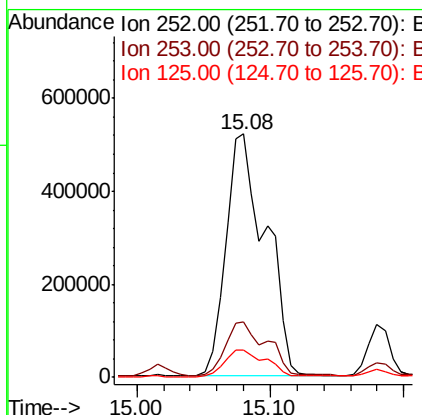
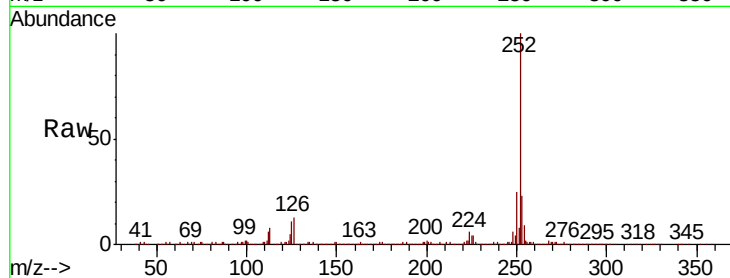




#89
 Benzo(k)fluoranthene
 Concen: 51.397 ng
 RT: 15.08 min Scan# 2209
 Delta R.T. -0.02 min
 Lab File: BF115778.D
 Acq: 26 Jul 2019 00:26

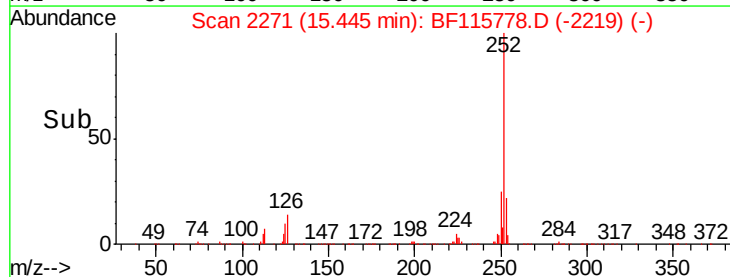
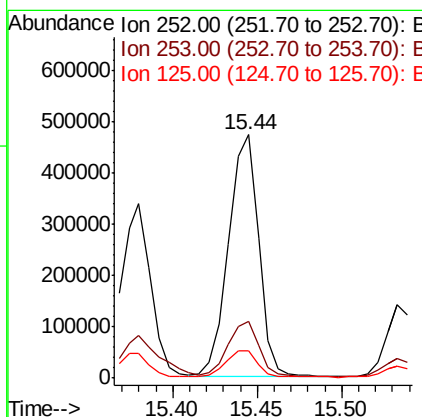
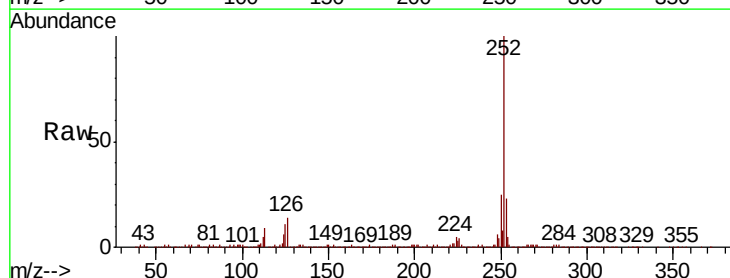
Instrument :
 BNA_F
 ClientSampleId :
 SP-4

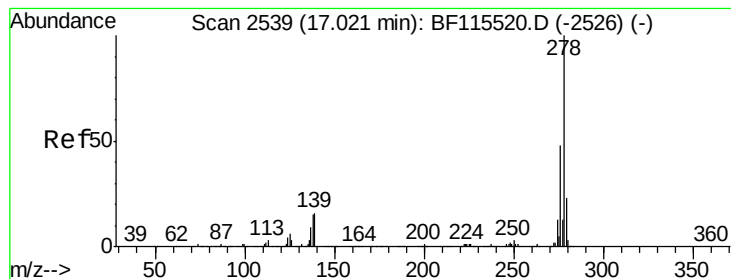
Tot Ion:252 Resp: 1082527
 Ion Ratio Lower Upper
 252 100
 253 22.7 18.1 27.1
 125 11.5 8.6 13.0



#90
 Benzo(a)pyrene
 Concen: 28.965 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF115778.D
 Acq: 26 Jul 2019 00:26

Tgt Ion:252 Resp: 588119
 Ion Ratio Lower Upper
 252 100
 253 23.2 17.3 25.9
 125 11.0 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 4.870 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF115778.D

Acq: 26 Jul 2019 00:26

Instrument :

BNA_F

ClientSampleId :

SP-4

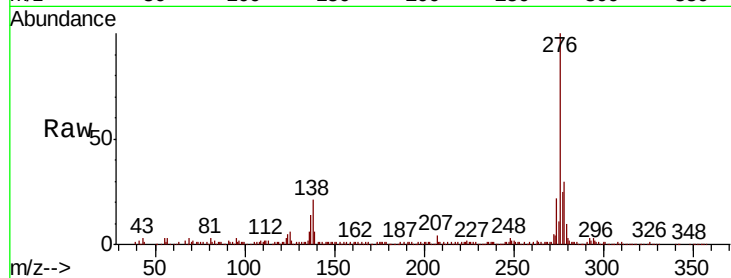
Tot Ion:278 Resp: 86816

Ion Ratio Lower Upper

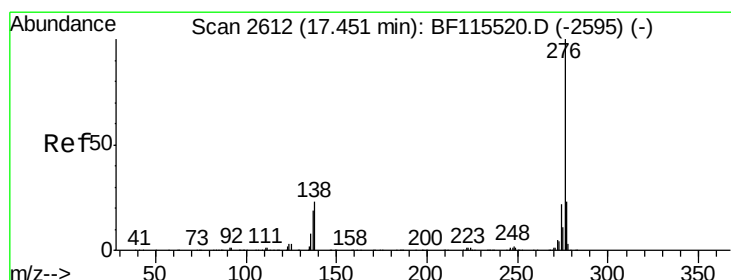
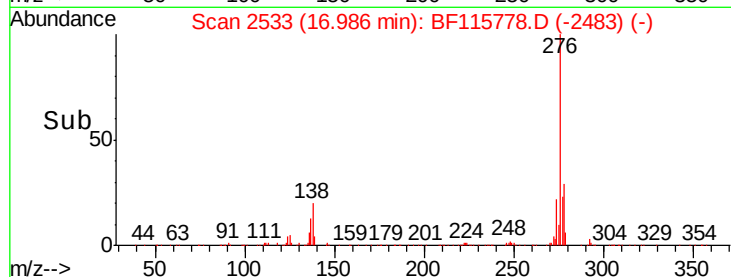
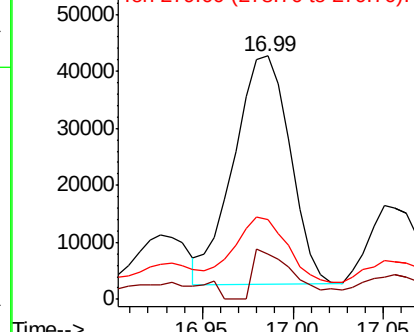
278 100

139 18.6 13.6 20.4

279 32.7 19.6 29.4#



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: 16.394 ng

RT: 17.43 min Scan# 2608

Delta R.T. 0.00 min

Lab File: BF115778.D

Acq: 26 Jul 2019 00:26

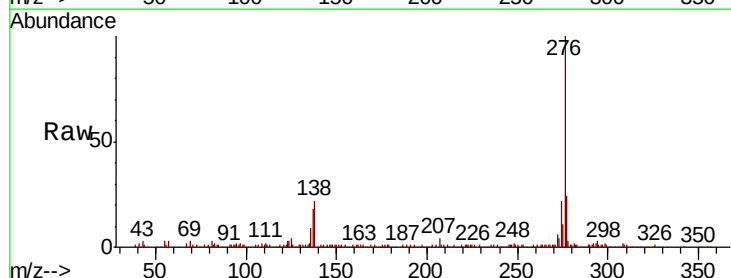
Tgt Ion:276 Resp: 291450

Ion Ratio Lower Upper

276 100

277 24.5 18.1 27.1

138 21.8 16.6 24.8



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

