

Data File : BF115653.D
Acq On : 18 Jul 2019 17:51
Operator : HP/JU
Sample : K3875-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HJDC-S4

Quant Time: Jul 19 07:39:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	147598	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	578249	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	254231	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	422316	20.00	ng	0.00
76) Chrysene-d12	14.04	240	326693	20.00	ng	-0.01
87) Perylene-d12	15.51	264	339726	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	856640	94.93	ng	0.00
7) Phenol-d6	6.52	99	1082466	94.54	ng	0.00
23) Nitrobenzene-d5	7.44	82	666415	67.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	234593	79.05	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	938624	64.62	ng	-0.01
79) Terphenyl-d14	12.98	244	735937	41.57	ng	-0.02

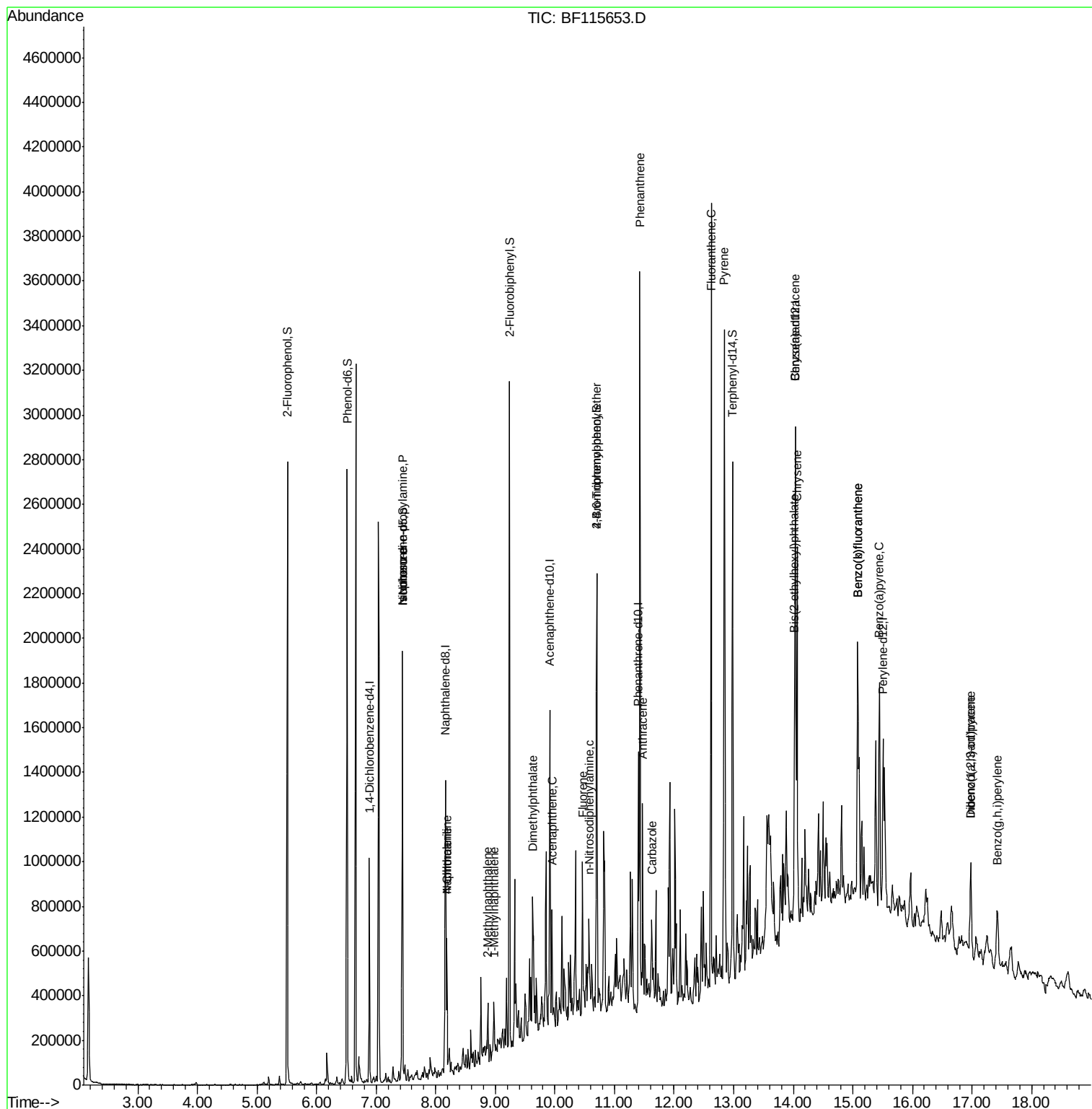
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	91756	12.288	ng	# 79
25) Isophorone	7.44	82	656883	33.010	ng	# 64
31) Naphthalene	8.19	128	218241	7.793	ng	95
33) 4-Chloroaniline	8.19	127	28348	2.285	ng	# 34
37) 2-Methylnaphthalene	8.87	142	68227	3.675	ng	95
38) 1-Methylnaphthalene	8.97	142	54436	3.087	ng	98
50) Dimethylphthalate	9.63	163	157925	8.256	ng	# 97
52) Acenaphthene	9.95	154	105560	6.668	ng	99
58) Fluorene	10.46	166	164003	10.204	ng	97
66) n-Nitrosodiphenylamine	10.57	169	26934	2.050	ng	# 70
67) 4-Bromophenyl-phenylether	10.70	248	14415	2.987	ng	# 1
71) Phenanthrene	11.43	178	1209893	55.891	ng	97
72) Anthracene	11.47	178	332794	14.876	ng	99
73) Carbazole	11.63	167	134468	6.854	ng	99
75) Fluoranthene	12.62	202	1354252	59.200	ng	98
78) Pyrene	12.84	202	1292456	46.695	ng	98
81) Benzo(a)anthracene	14.03	228	757654	35.203	ng	98
83) Chrysene	14.06	228	668335	30.933	ng	96
84) Bis(2-ethylhexyl)phthalate	14.02	149	45743	3.130	ng	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	254335	13.856	ng	96
88) Benzo(b)fluoranthene	15.08	252	951394	43.491	ng	97
89) Benzo(k)fluoranthene	15.08	252	951394	48.781	ng	98
90) Benzo(a)pyrene	15.44	252	518180	27.560	ng	# 95
91) Dibenzo(a,h)anthracene	16.99	278	66715	4.042	ng	# 88
92) Benzo(g,h,i)perylene	17.43	276	222236	13.500	ng	97

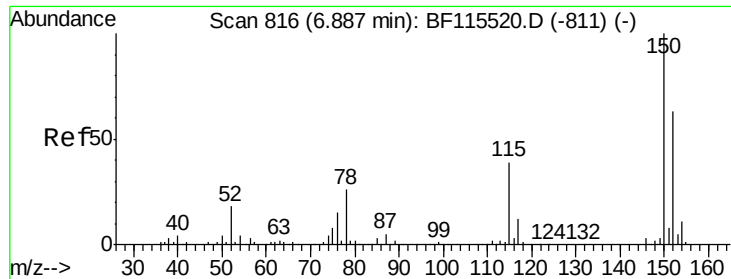
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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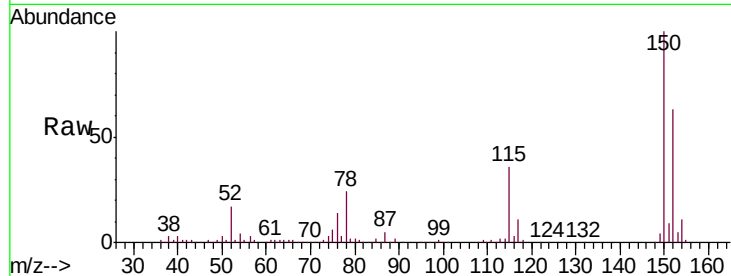


#1

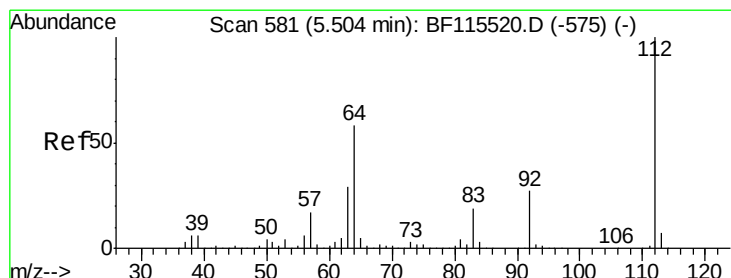
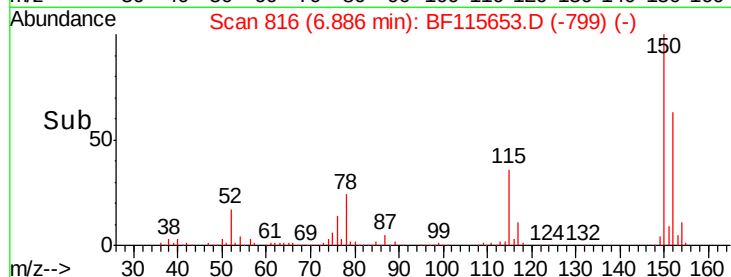
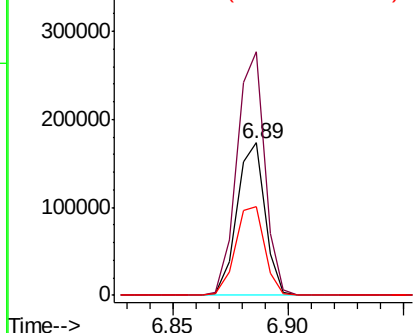
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF115653.D
 Acq: 18 Jul 2019 17:51

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-S4

Tgt Ion:152 Resp: 147598
 Ion Ratio Lower Upper
 152 100
 150 159.9 129.7 194.5
 115 58.0 48.2 72.4



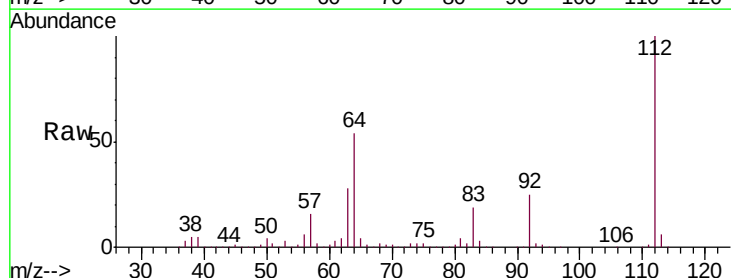
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



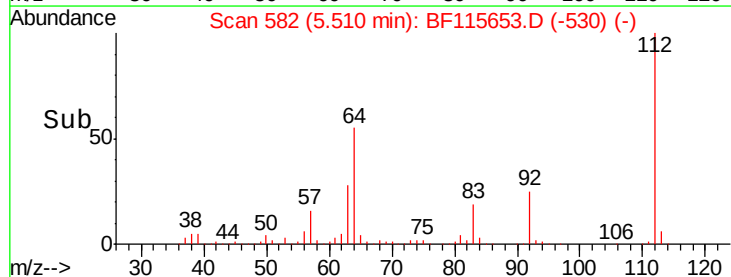
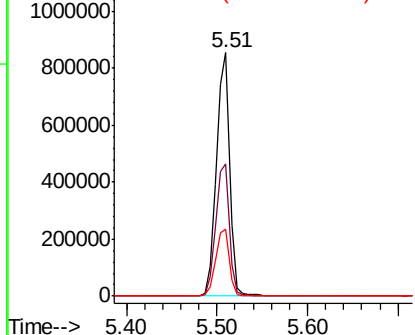
#5

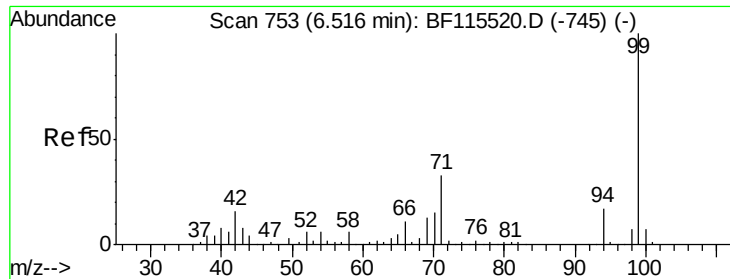
2-Fluorophenol
 Concen: 94.935 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF115653.D
 Acq: 18 Jul 2019 17:51

Tgt Ion:112 Resp: 856640
 Ion Ratio Lower Upper
 112 100
 64 54.4 46.8 70.2
 63 27.7 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 94.541 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115653.D

Acq: 18 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

HJDC-S4

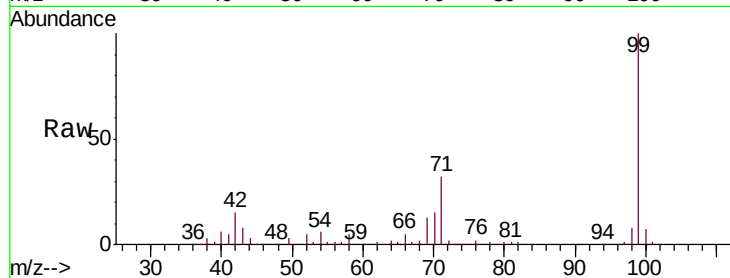
Tgt Ion: 99 Resp: 1082466

Ion Ratio Lower Upper

99 100

42 15.2 13.6 20.4

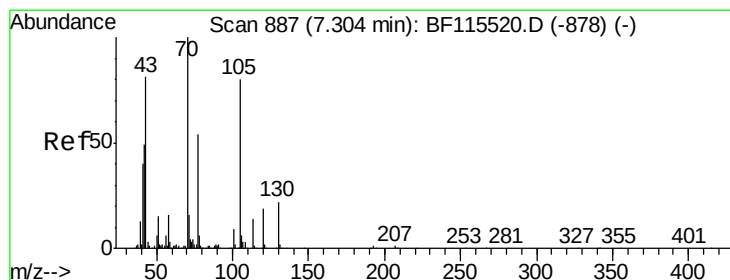
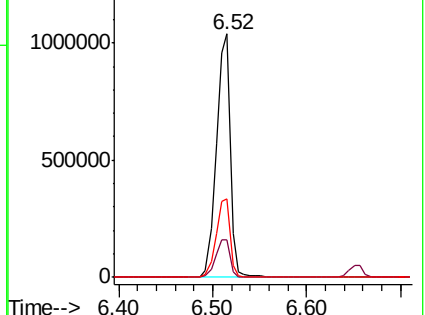
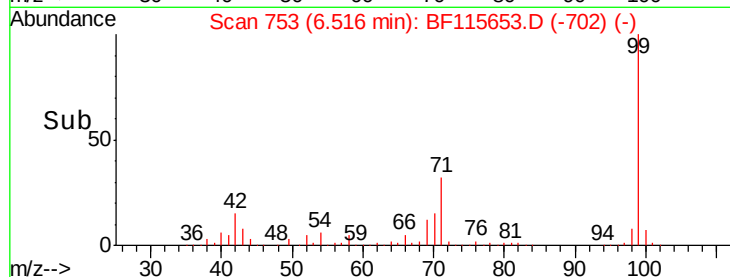
71 32.4 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 12.288 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115653.D

Acq: 18 Jul 2019 17:51

Tgt Ion: 70 Resp: 91756

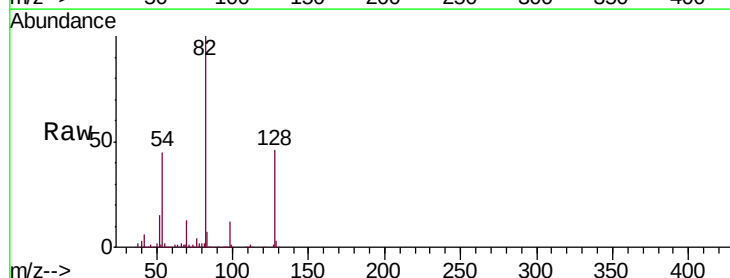
Ion Ratio Lower Upper

70 100

42 42.8 39.6 59.4

101 0.0 8.1 12.1#

130 2.0 18.2 27.2#

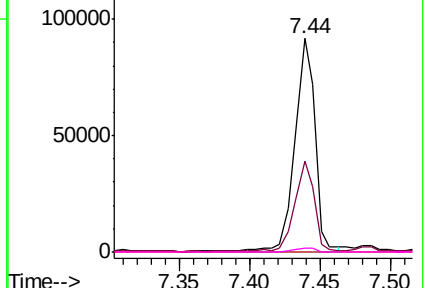
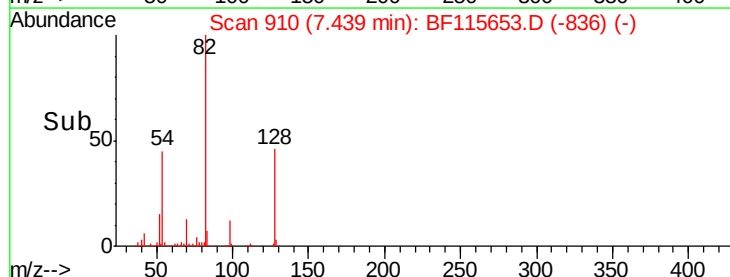


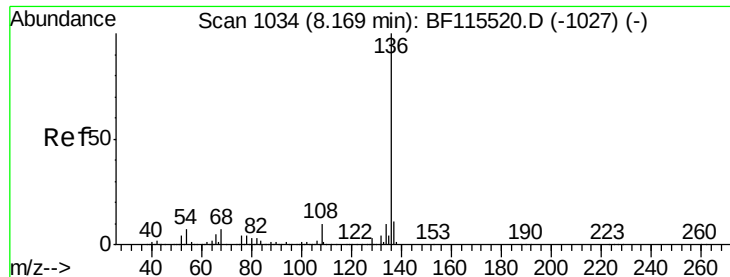
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

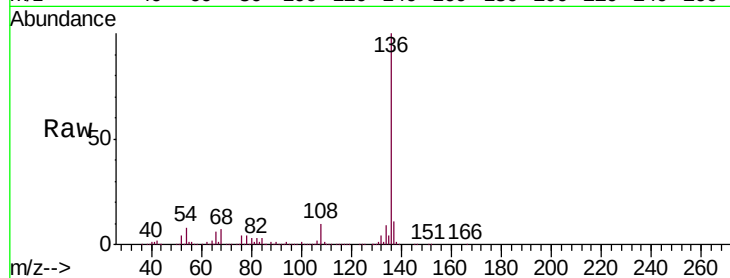




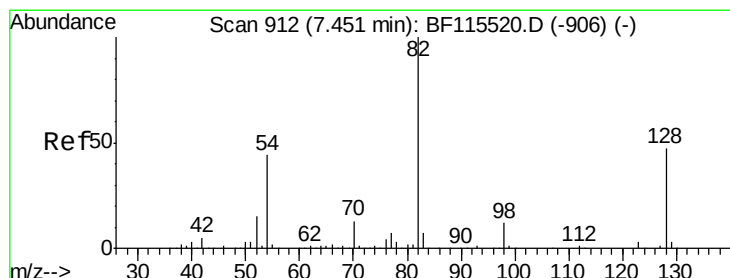
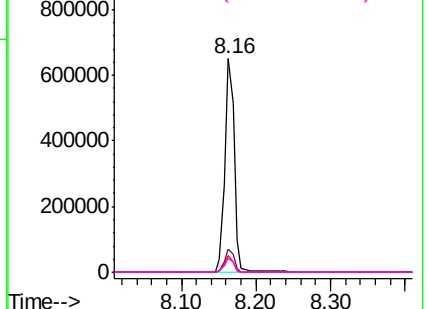
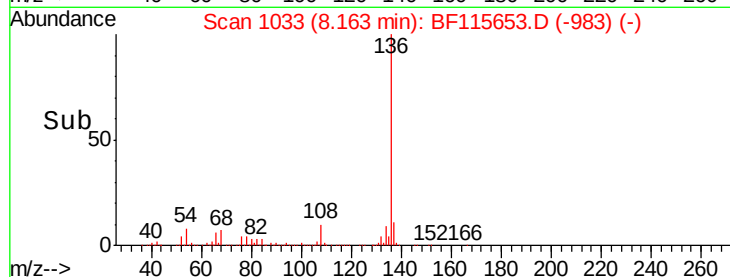
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115653.D
Acq: 18 Jul 2019 17:51

Instrument :
BNA_F
ClientSampleId :
HJDC-S4

Tgt Ion:	136	Resp:	578249
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	7.6	5.6	8.4
68	6.8	5.0	7.6

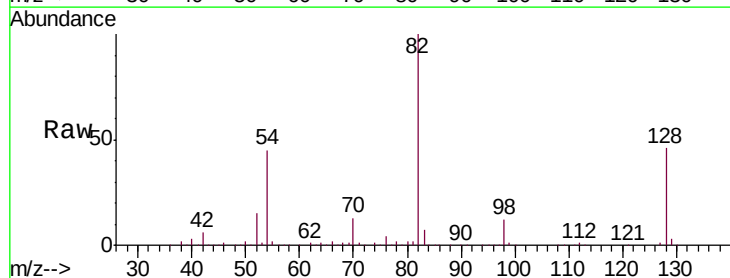


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

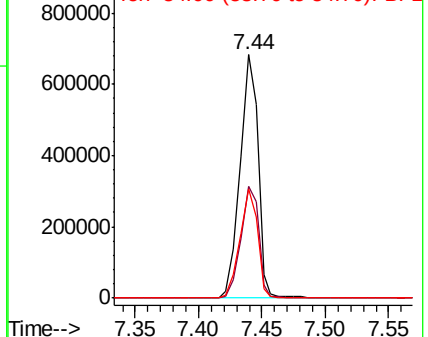
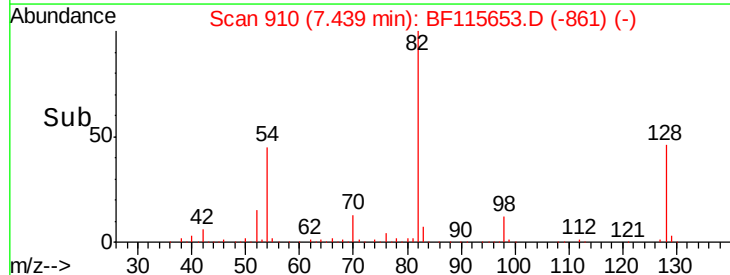


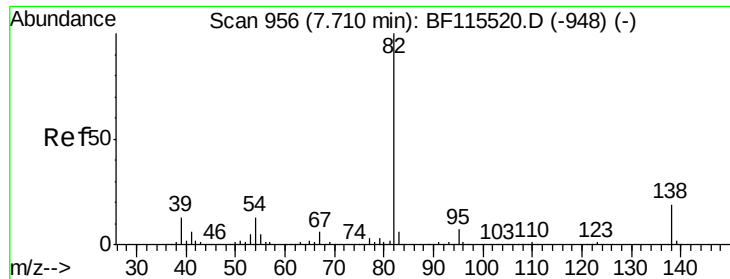
#23
Nitrobenzene-d5
Concen: 67.012 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115653.D
Acq: 18 Jul 2019 17:51

Tgt Ion:	82	Resp:	666415
Ion	Ratio	Lower	Upper
82	100		
128	45.7	38.6	57.8
54	44.6	35.6	53.4



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: 33.010 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115653.D

Acq: 18 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

HJDC-S4

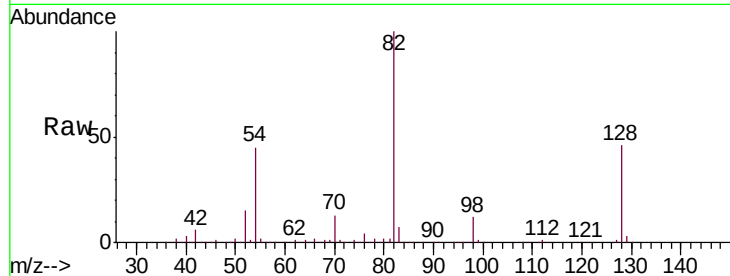
Tgt Ion: 82 Resp: 656883

Ion Ratio Lower Upper

82 100

95 0.1 5.5 8.3#

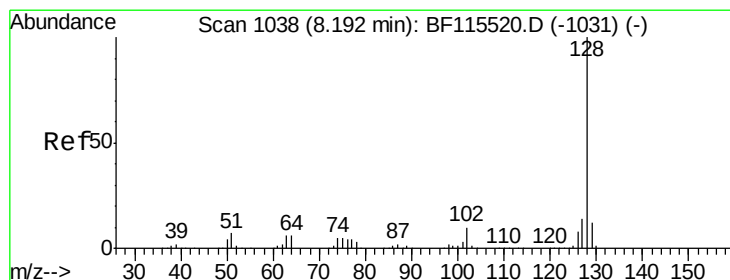
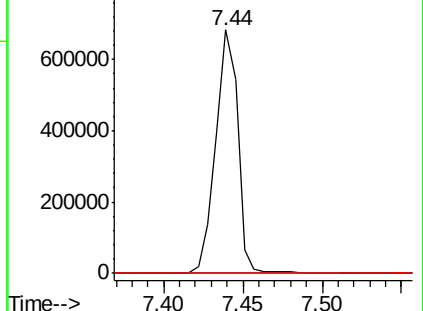
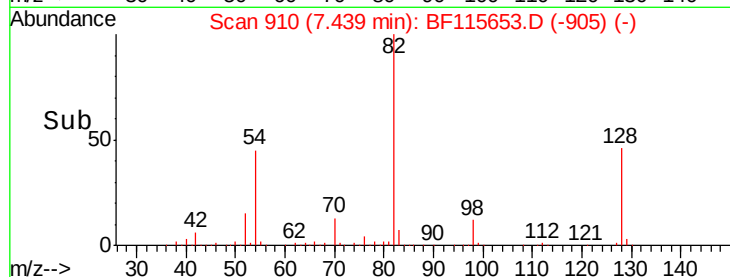
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 7.793 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF115653.D

Acq: 18 Jul 2019 17:51

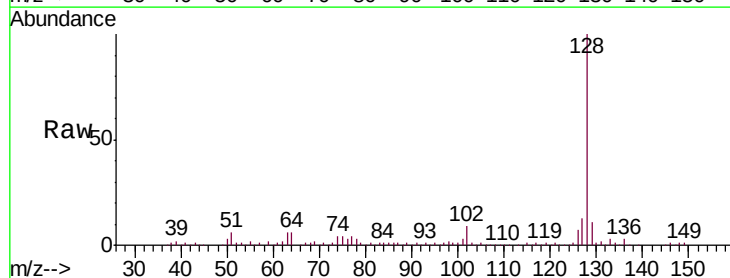
Tgt Ion: 128 Resp: 218241

Ion Ratio Lower Upper

128 100

129 11.1 9.9 14.9

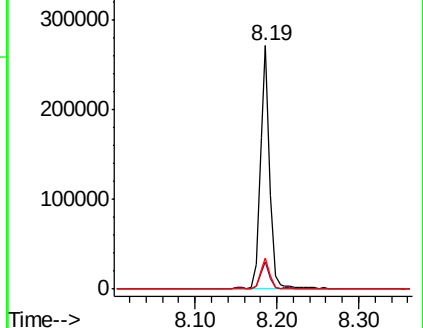
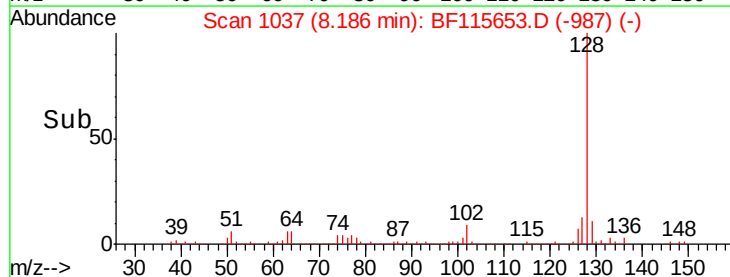
127 12.8 12.1 18.1

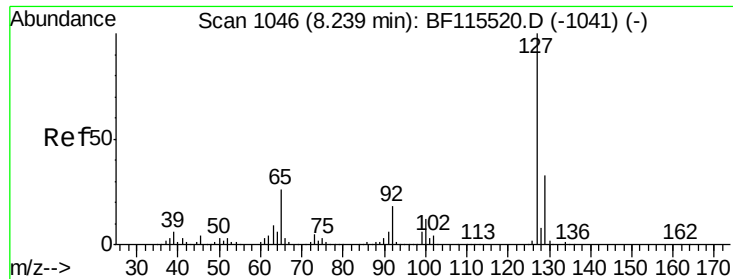


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1

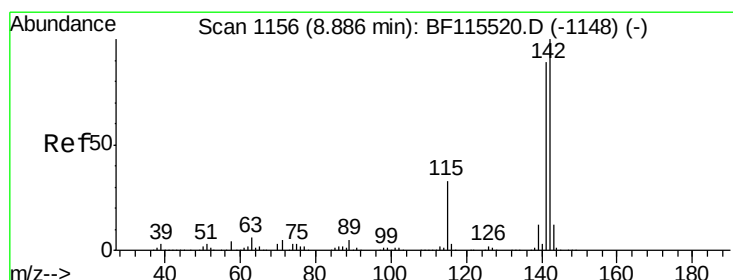
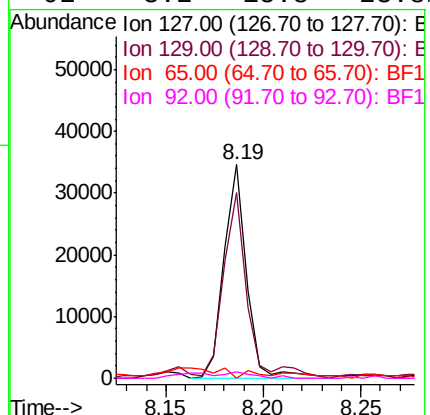
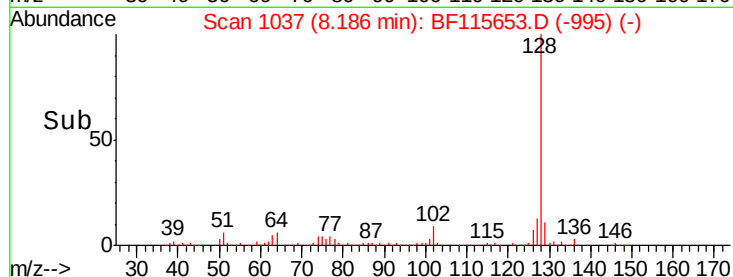
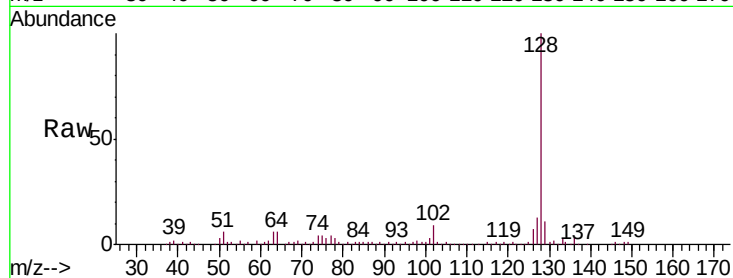




#33
4-Chloroaniline
Concen: 2.285 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF115653.D
Acq: 18 Jul 2019 17:51

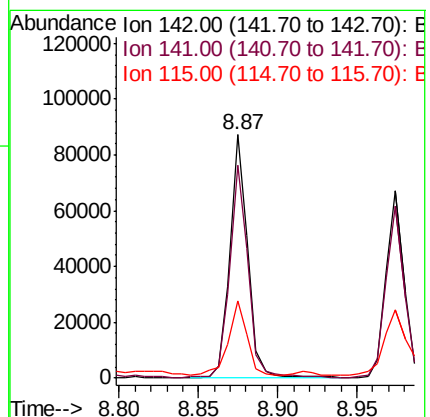
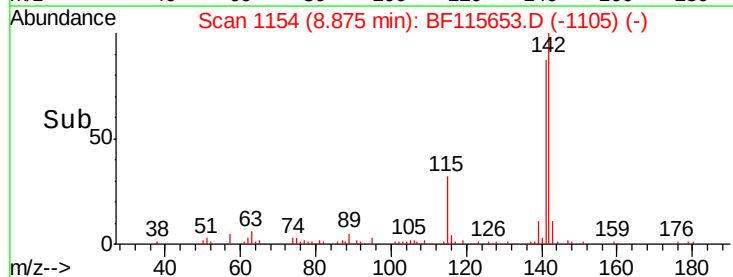
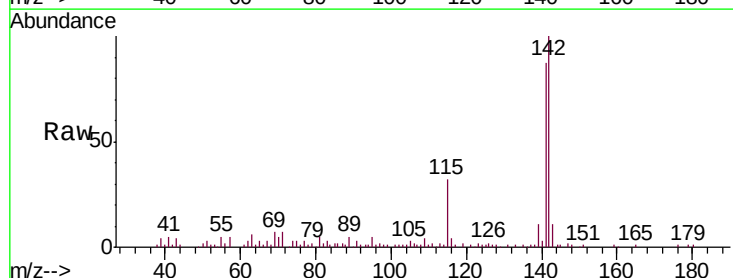
Instrument :
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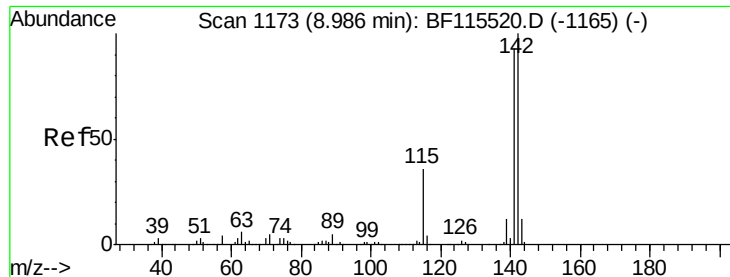
Tgt Ion:	127	Resp:	28348
Ion	Ratio	Lower	Upper
127	100		
129	86.9	26.6	39.8#
65	0.0	23.7	35.5#
92	3.2	15.8	23.8#



#37
2-Methylnaphthalene
Concen: 3.675 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF115653.D
Acq: 18 Jul 2019 17:51

Tgt Ion:	142	Resp:	68227
Ion	Ratio	Lower	Upper
142	100		
141	87.3	72.0	108.0
115	31.9	29.9	44.9

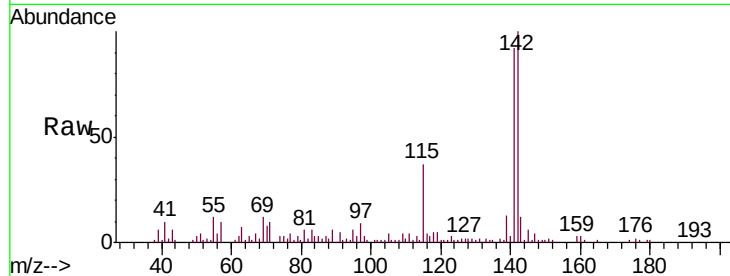




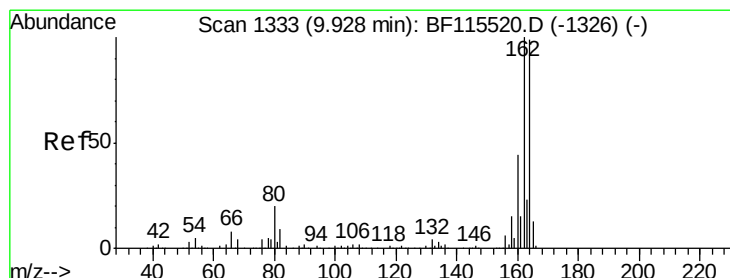
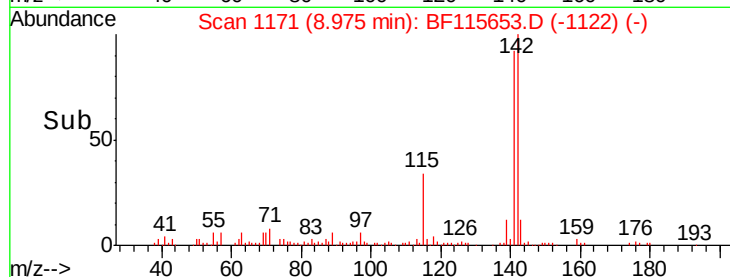
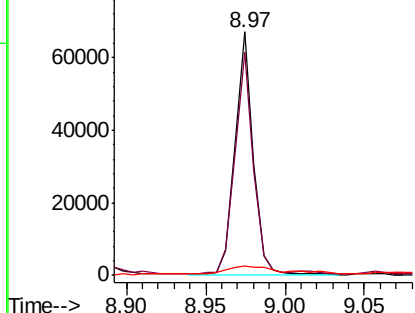
#38
1-Methylnaphthalene
Concen: 3.087 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF115653.D
Acq: 18 Jul 2019 17:51

Instrument :
BNA_F
ClientSampleId :
HJDC-S4

Tgt Ion:142 Resp: 54436
Ion Ratio Lower Upper
142 100
141 91.8 75.3 112.9
116 4.1 3.3 4.9

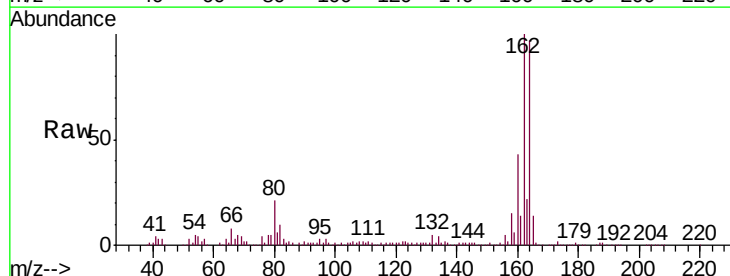


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

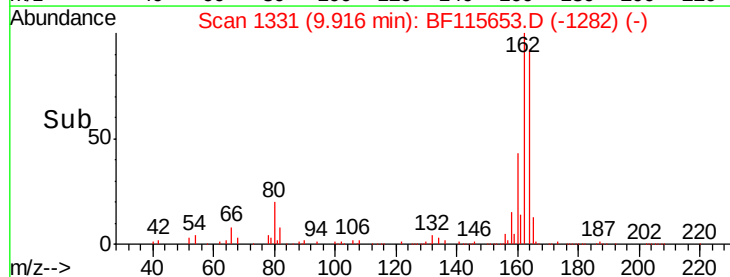
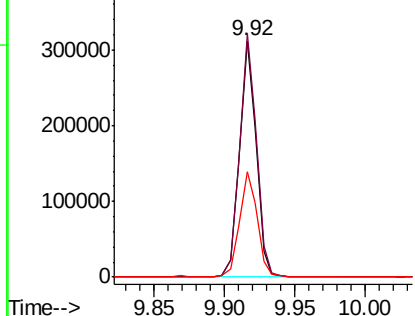


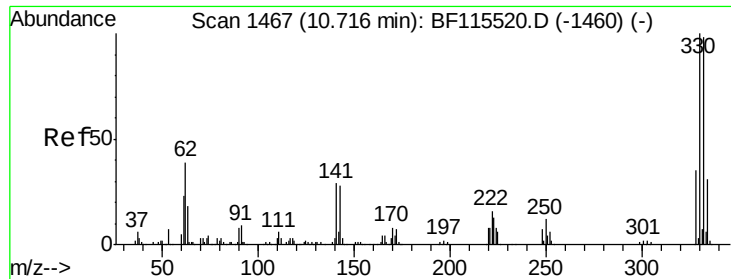
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115653.D
Acq: 18 Jul 2019 17:51

Tgt Ion:164 Resp: 254231
Ion Ratio Lower Upper
164 100
162 103.1 82.9 124.3
160 44.6 36.8 55.2



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

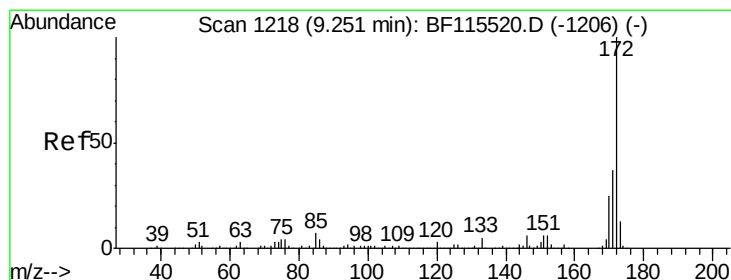
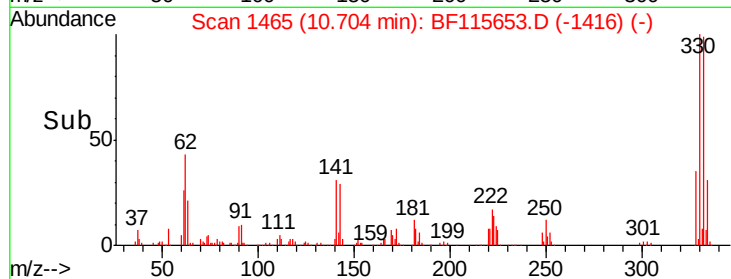
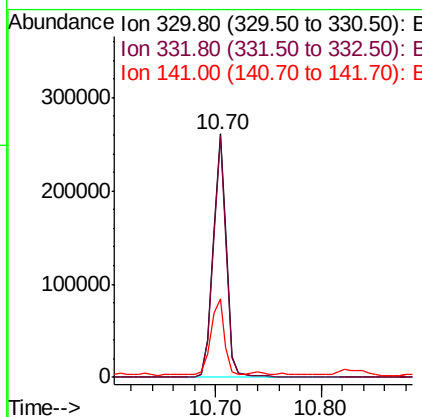
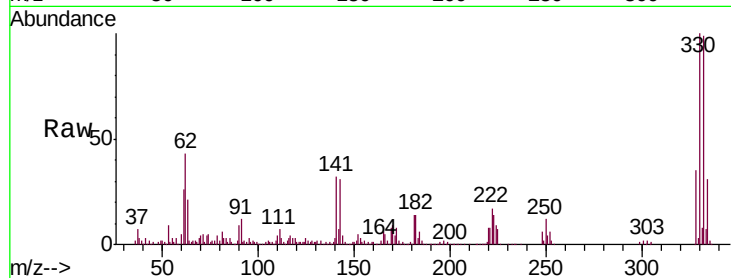




#42
 2,4,6-Tribromophenol
 Concen: 79.054 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115653.D
 Acq: 18 Jul 2019 17:51

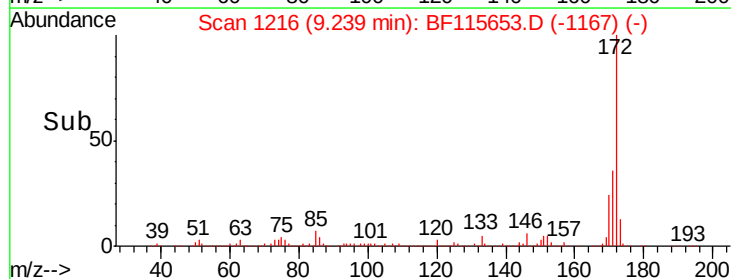
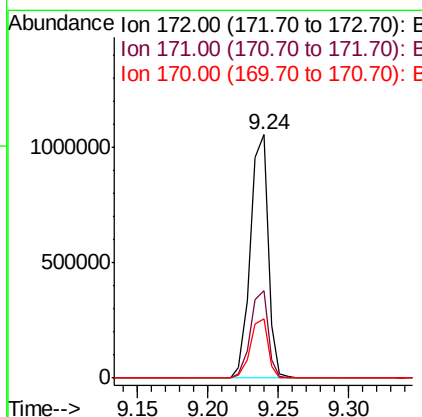
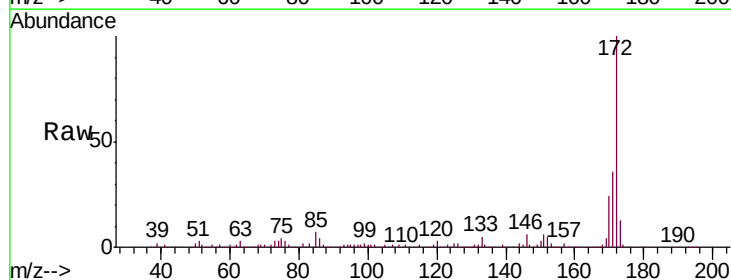
Instrument :
 BNA_F
 ClientSampleId :
 HJDC-S4

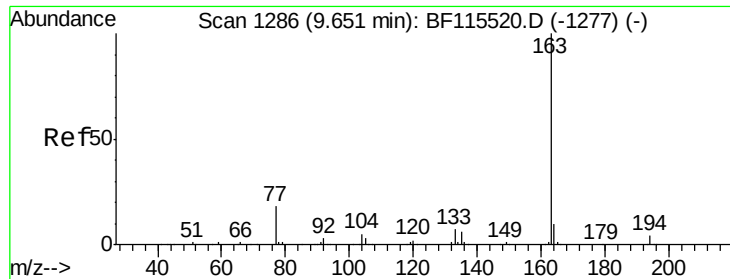
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.2
141	31.4	22.4	33.6



#45
 2-Fluorobiphenyl
 Concen: 64.621 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115653.D
 Acq: 18 Jul 2019 17:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.6	46.0
170	24.3	20.5	30.7

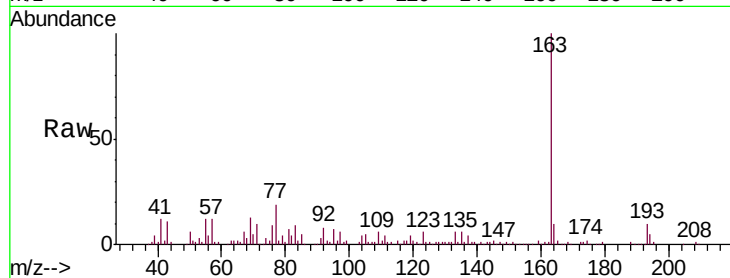




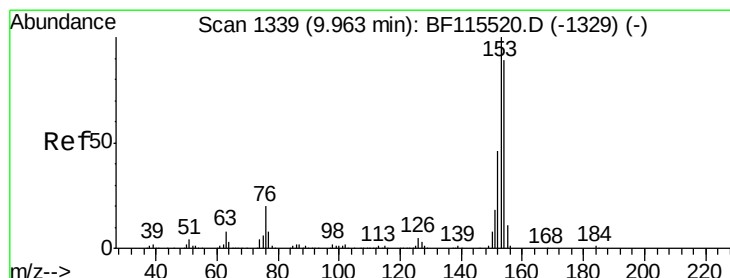
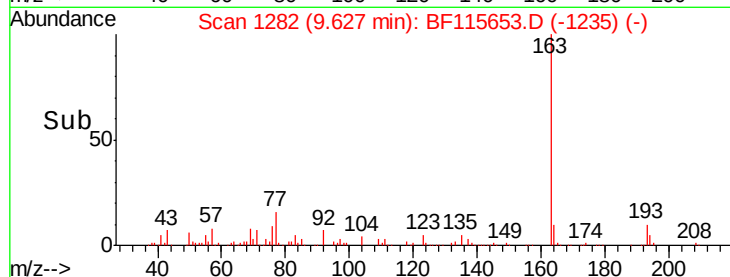
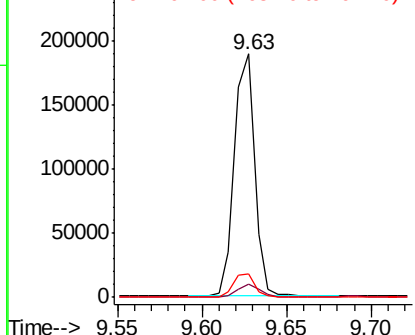
#50
Dimethylphthalate
Concen: 8.256 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115653.D
Acq: 18 Jul 2019 17:51

Instrument :
BNA_F
ClientSampleId :
HJDC-S4

Tgt Ion:163 Resp: 157925
Ion Ratio Lower Upper
163 100
194 5.4 3.3 4.9#
164 9.7 8.7 13.1

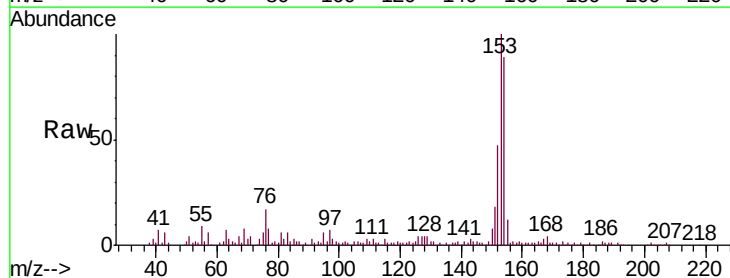


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

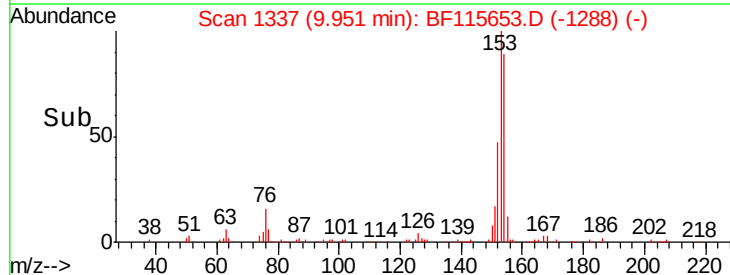
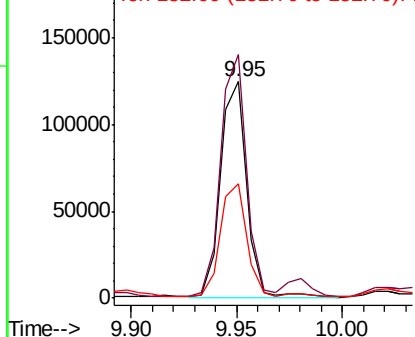


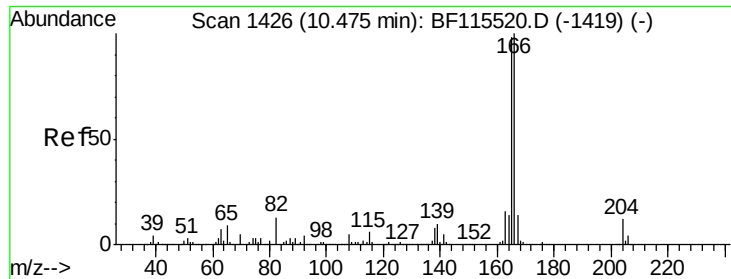
#52
Acenaphthene
Concen: 6.668 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF115653.D
Acq: 18 Jul 2019 17:51

Tgt Ion:154 Resp: 105560
Ion Ratio Lower Upper
154 100
153 112.7 88.6 133.0
152 53.1 42.3 63.5



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





#58

Fluorene

Concen: 10.204 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF115653.D

Acq: 18 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

HJDC-S4

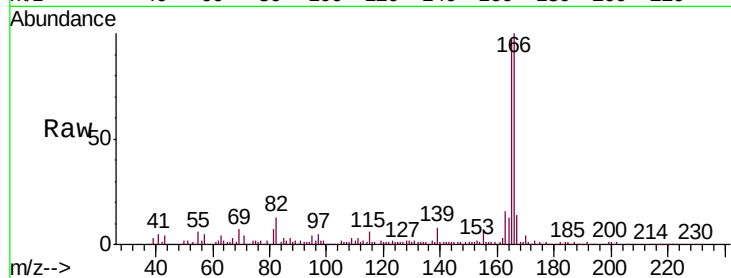
Tgt Ion:166 Resp: 164003

Ion Ratio Lower Upper

166 100

165 96.8 79.8 119.6

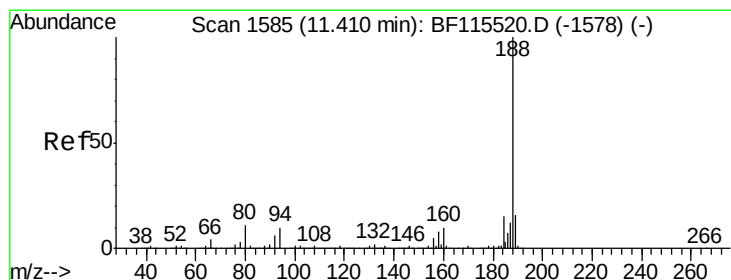
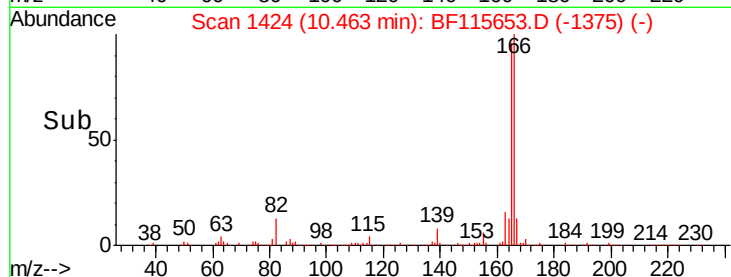
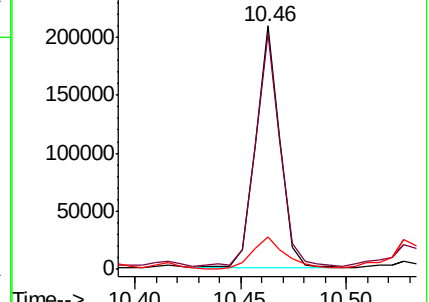
167 13.6 11.2 16.8



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: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115653.D

Acq: 18 Jul 2019 17:51

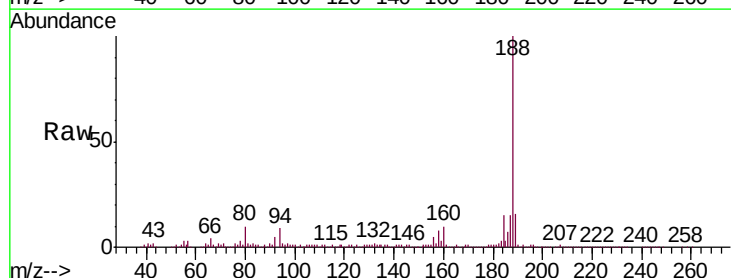
Tgt Ion:188 Resp: 422316

Ion Ratio Lower Upper

188 100

94 9.1 7.8 11.6

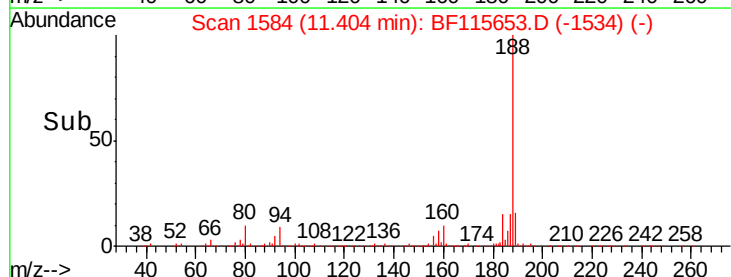
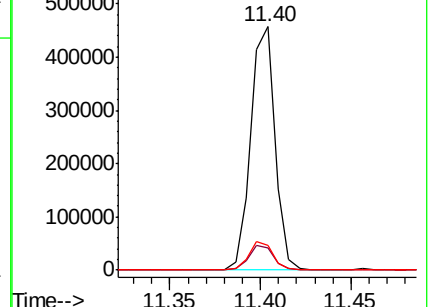
80 10.0 8.6 13.0

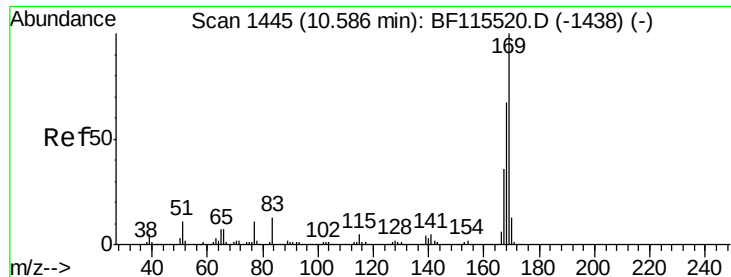


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#66

n-Nitrosodiphenylamine

Concen: 2.050 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF115653.D

Acq: 18 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

HJDC-S4

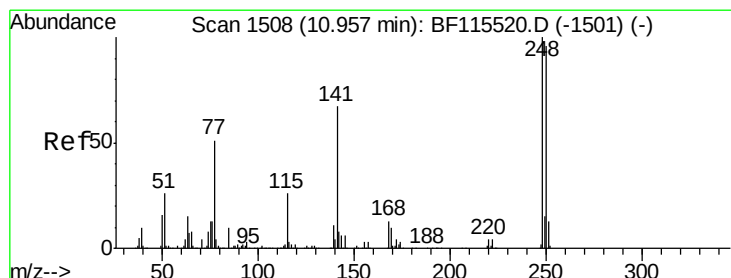
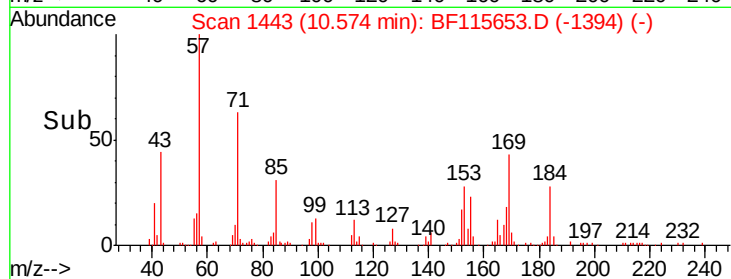
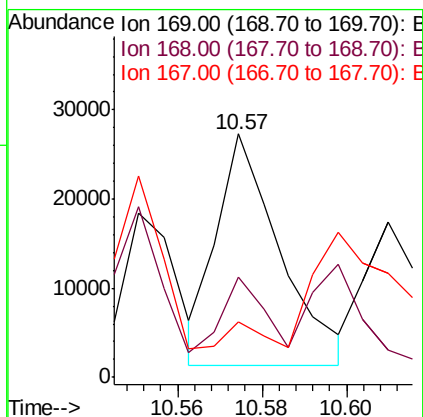
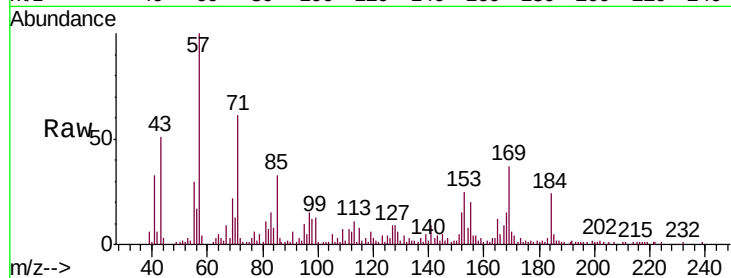
Tgt Ion:169 Resp: 26934

Ion Ratio Lower Upper

169 100

168 40.9 54.3 81.5#

167 22.9 30.2 45.2#



#67

4-Bromophenyl-phenylether

Concen: 2.987 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.25 min

Lab File: BF115653.D

Acq: 18 Jul 2019 17:51

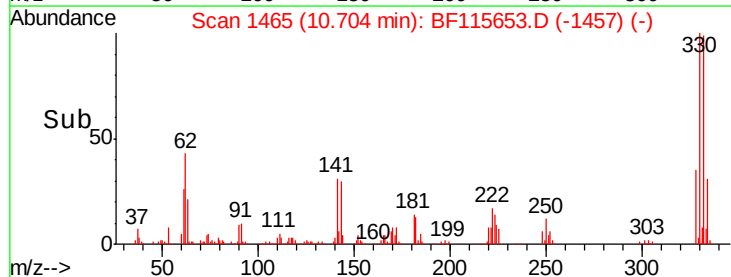
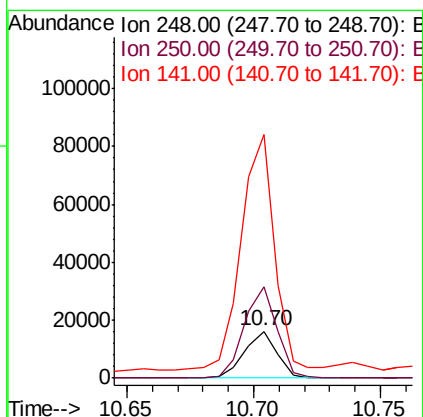
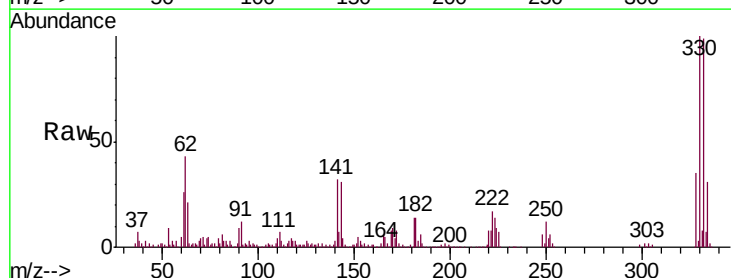
Tgt Ion:248 Resp: 14415

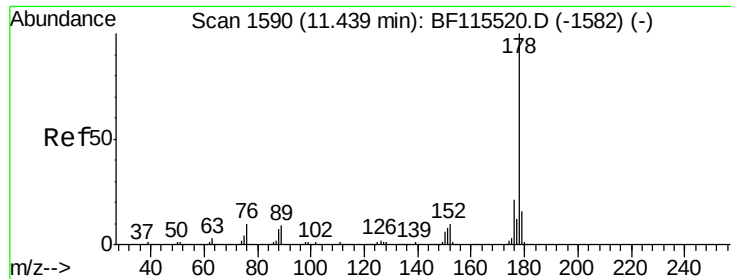
Ion Ratio Lower Upper

248 100

250 194.0 78.0 117.0#

141 517.8 57.7 86.5#

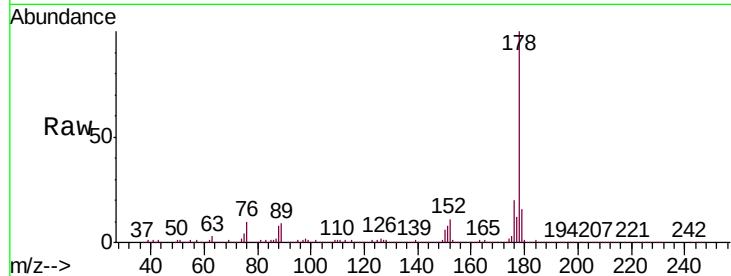




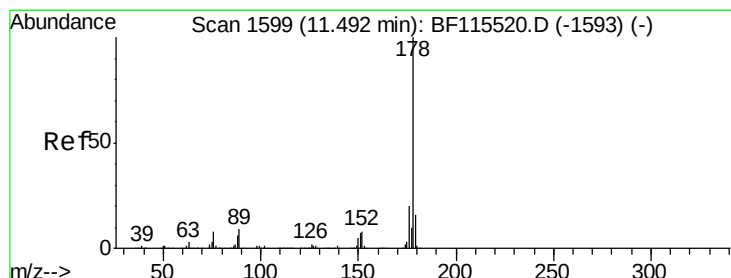
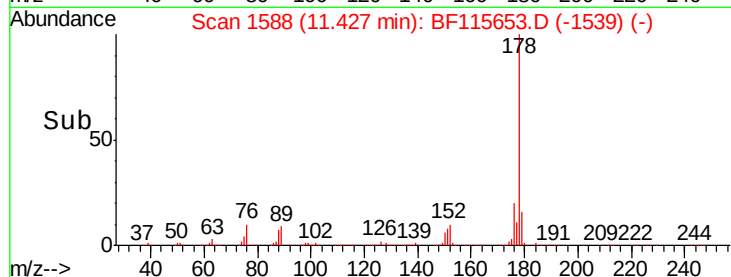
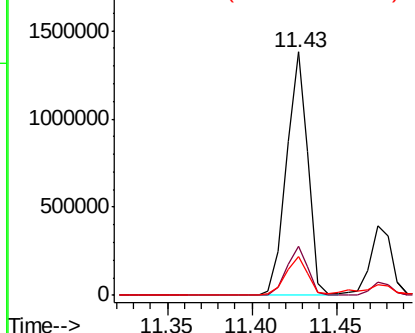
#71
Phenanthrene
Concen: 55.891 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF115653.D
Acq: 18 Jul 2019 17:51

Instrument :
BNA_F
ClientSampleId :
HJDC-S4

Tgt Ion:178 Resp: 1209893
Ion Ratio Lower Upper
178 100
176 20.2 17.2 25.8
179 15.9 13.5 20.3

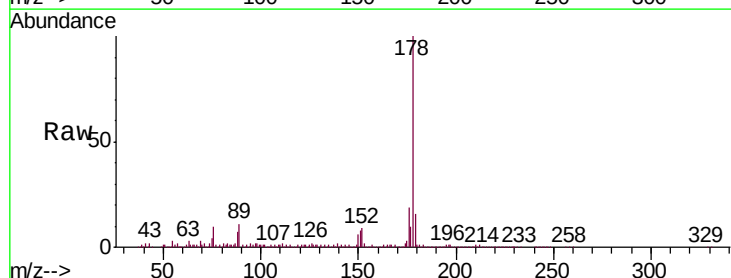


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

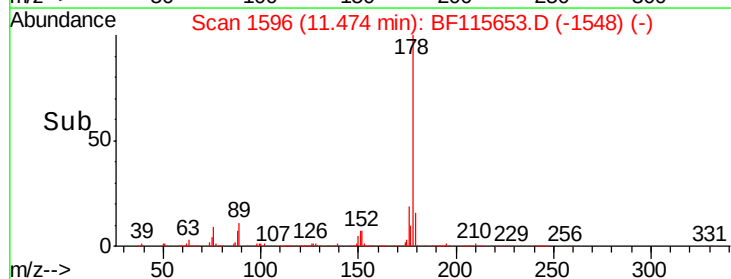
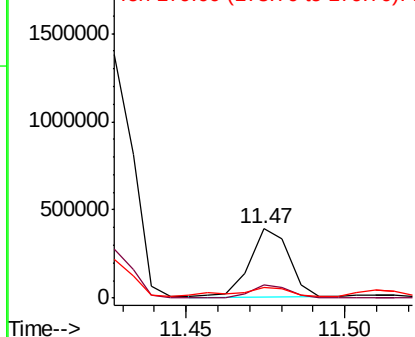


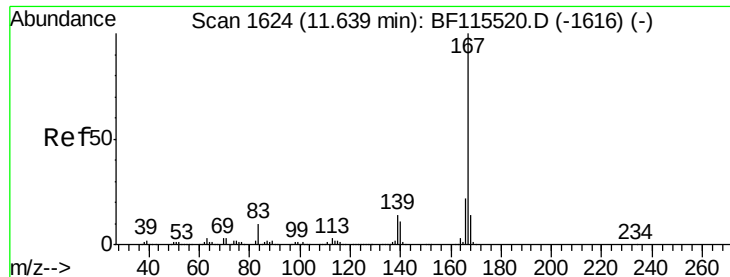
#72
Anthracene
Concen: 14.876 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF115653.D
Acq: 18 Jul 2019 17:51

Tgt Ion:178 Resp: 332794
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
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





#73

Carbazole

Concen: 6.854 ng

RT: 11.63 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BF115653.D

Acq: 18 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

HJDC-S4

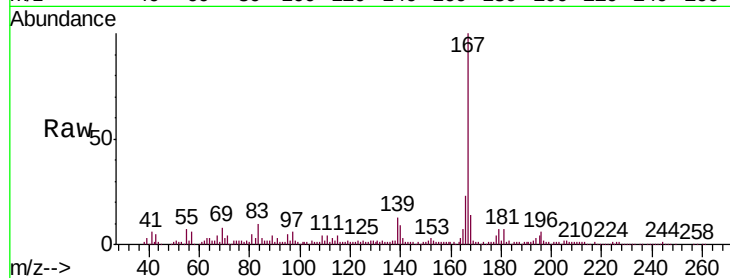
Tgt Ion:167 Resp: 134468

Ion Ratio Lower Upper

167 100

166 22.5 18.1 27.1

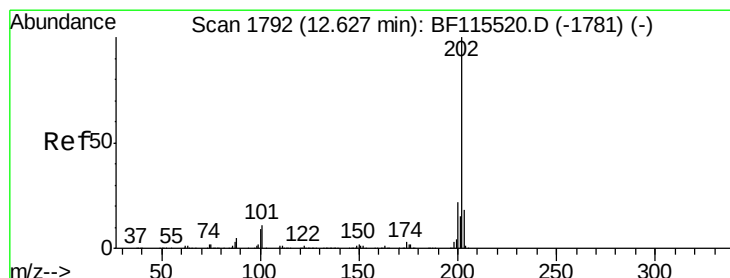
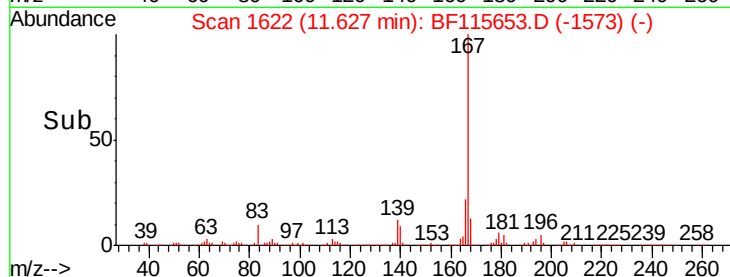
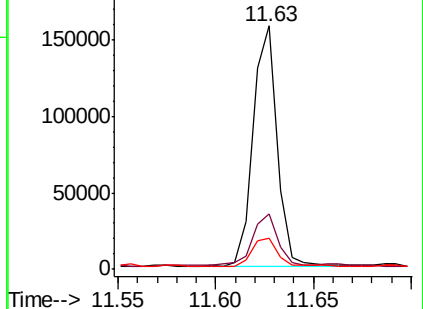
139 12.9 11.3 16.9



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: 59.200 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF115653.D

Acq: 18 Jul 2019 17:51

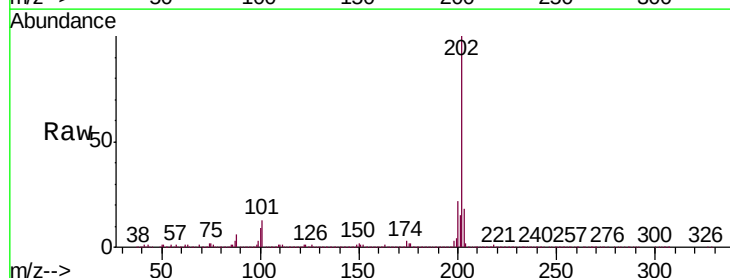
Tgt Ion:202 Resp: 1354252

Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.4

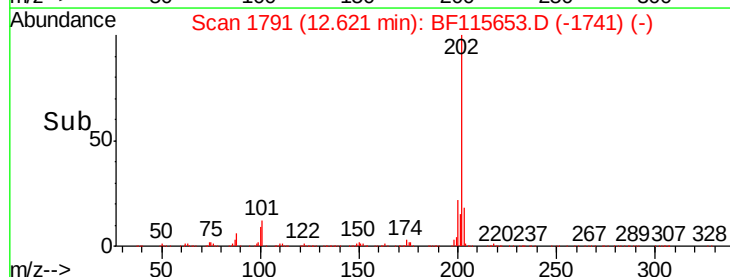
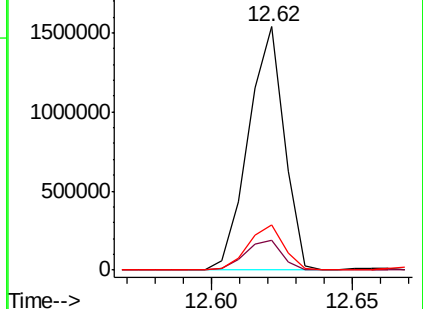
203 18.4 0.0 38.1

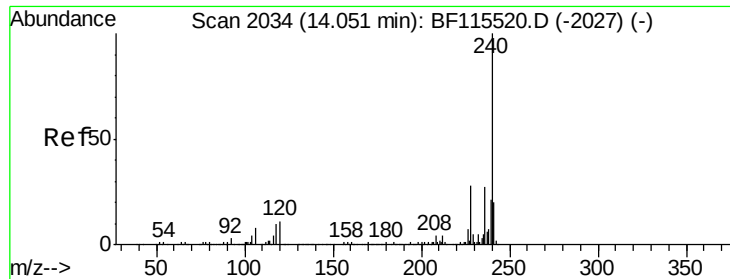


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

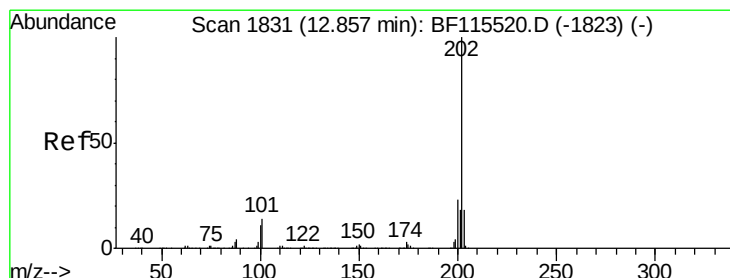
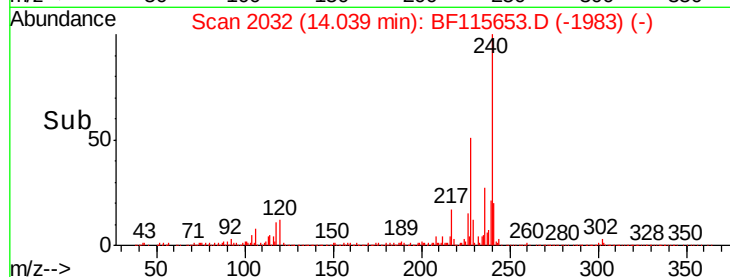
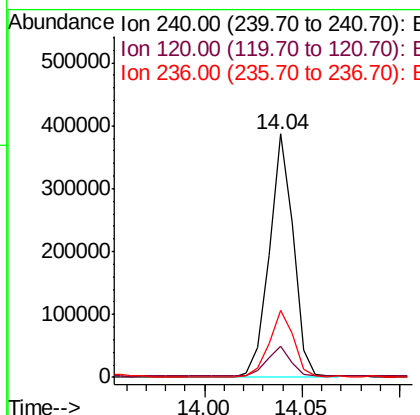
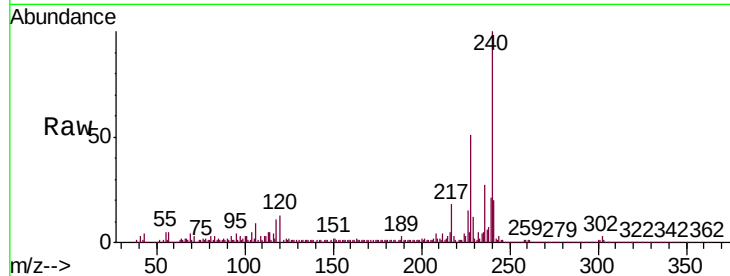




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115653.D
Acq: 18 Jul 2019 17:51

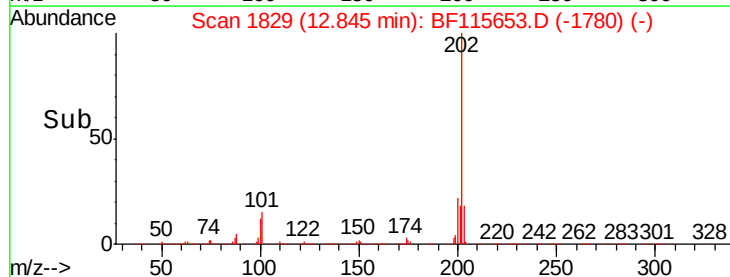
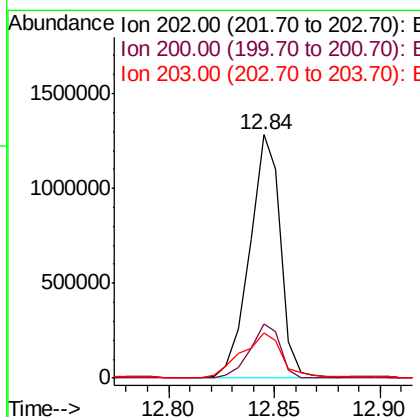
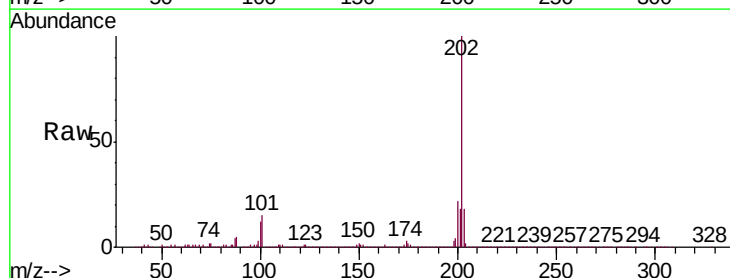
Instrument :
BNA_F
ClientSampleId :
HJDC-S4

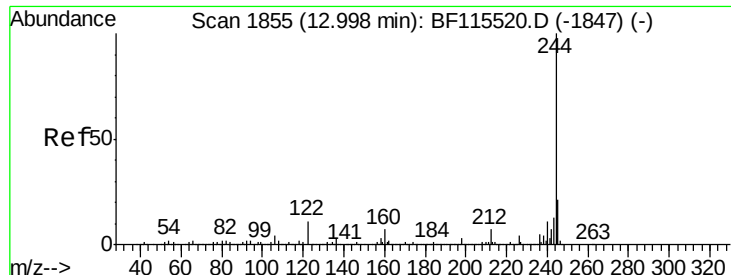
Tgt Ion:240 Resp: 326693
Ion Ratio Lower Upper
240 100
120 12.8 8.6 13.0
236 27.4 21.3 31.9



#78
Pyrene
Concen: 46.695 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115653.D
Acq: 18 Jul 2019 17:51

Tgt Ion:202 Resp: 1292456
Ion Ratio Lower Upper
202 100
200 22.1 18.7 28.1
203 18.4 15.2 22.8





#79

Terphenyl-d14

Concen: 41.566 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF115653.D

Acq: 18 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

HJDC-S4

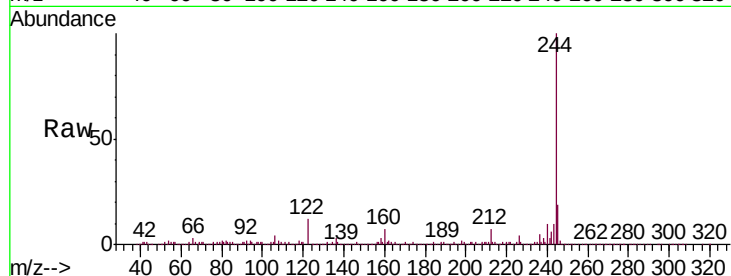
Tgt Ion:244 Resp: 735937

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

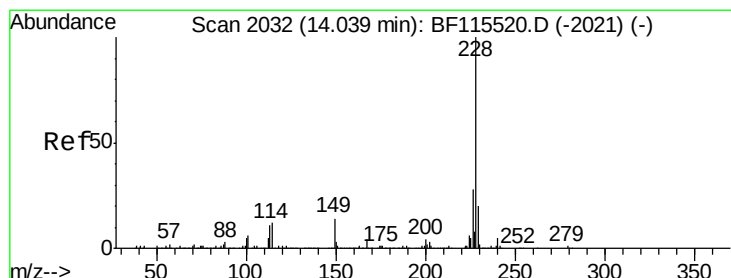
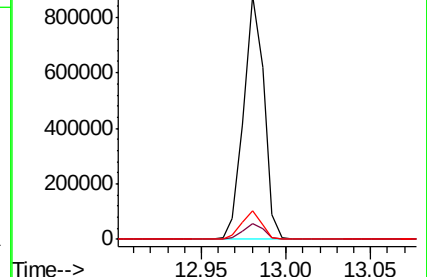
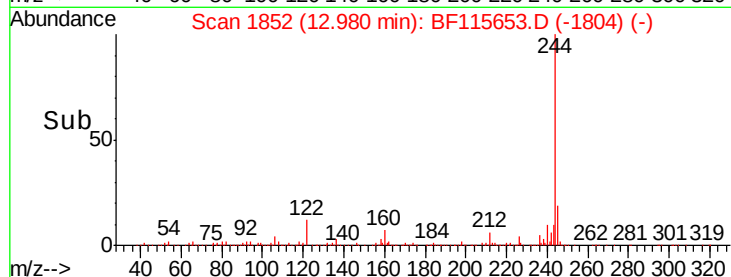
122 12.0 8.6 12.8



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: 35.203 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF115653.D

Acq: 18 Jul 2019 17:51

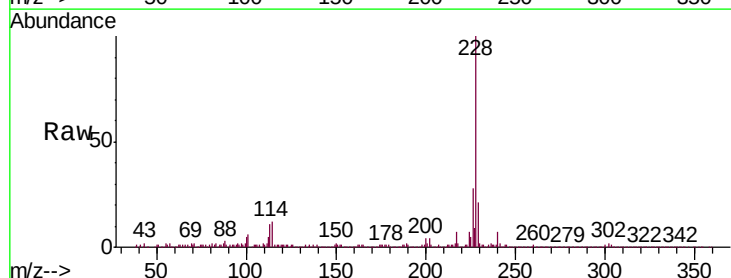
Tgt Ion:228 Resp: 757654

Ion Ratio Lower Upper

228 100

226 28.0 23.4 35.0

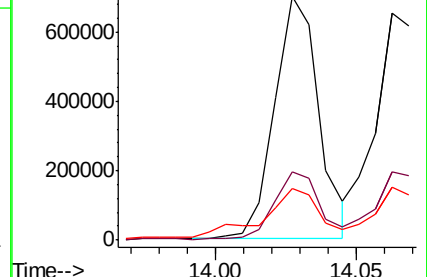
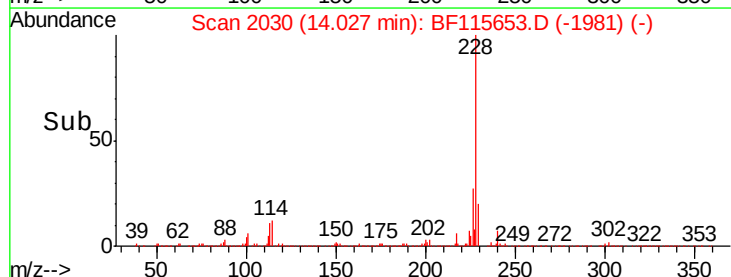
229 21.0 17.2 25.8

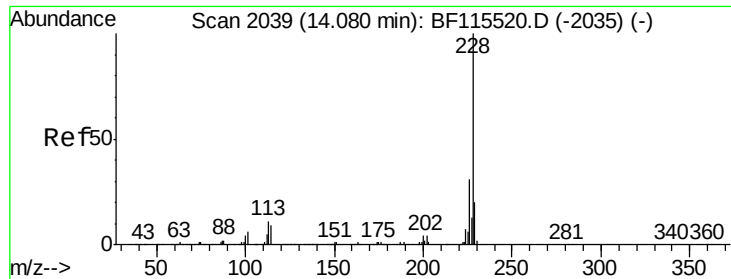


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 30.933 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.02 min

Lab File: BF115653.D

Acq: 18 Jul 2019 17:51

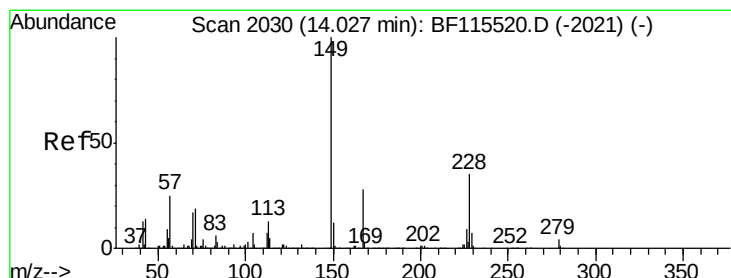
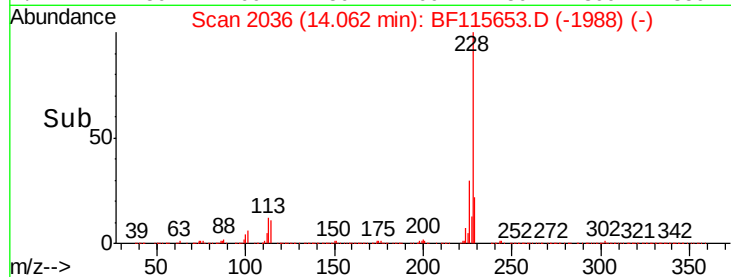
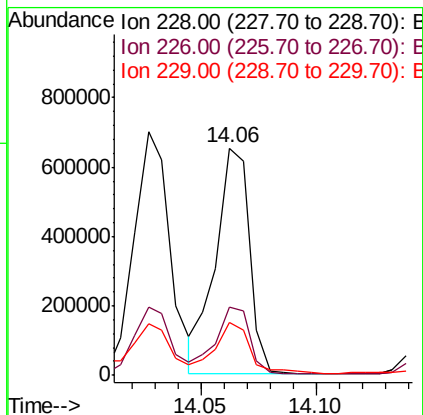
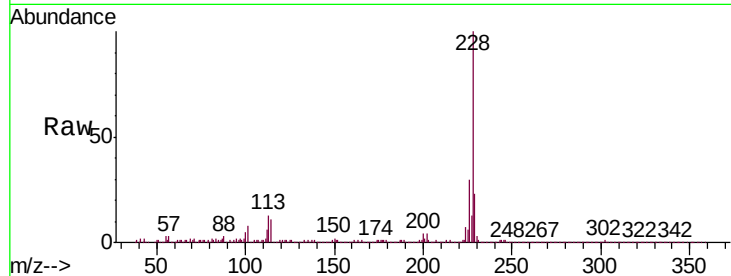
Instrument :

BNA_F

ClientSampleId :

HJDC-S4

Tgt Ion:	228	Resp:	668335
Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.7	38.5
229	23.3	16.6	25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.130 ng

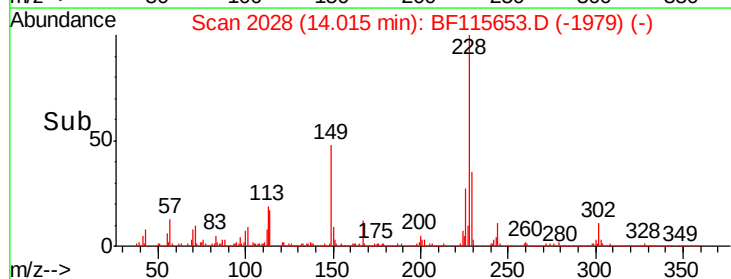
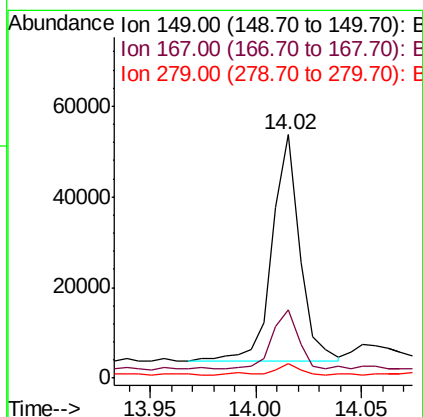
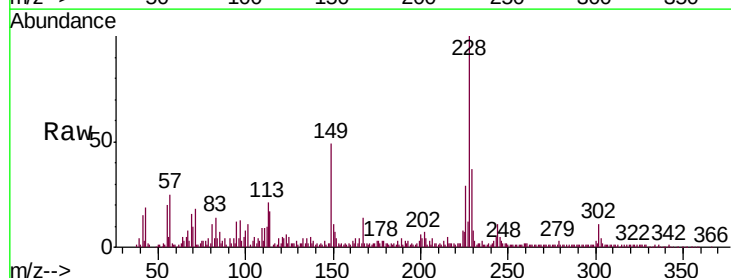
RT: 14.02 min Scan# 2028

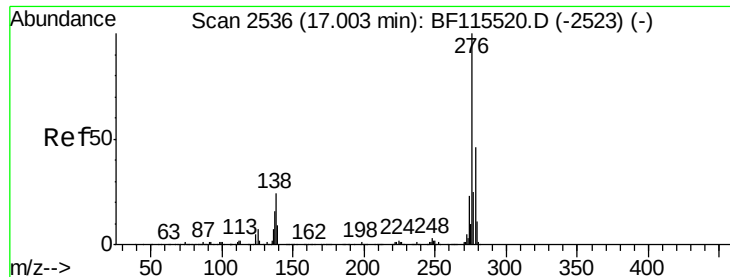
Delta R.T. -0.01 min

Lab File: BF115653.D

Acq: 18 Jul 2019 17:51

Tgt Ion:	149	Resp:	45743
Ion	Ratio	Lower	Upper
149	100		
167	27.8	23.0	34.4
279	6.2	4.2	6.2





#86

Indeno(1,2,3-cd)pyrene

Concen: 13.856 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF115653.D

Acq: 18 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

HJDC-S4

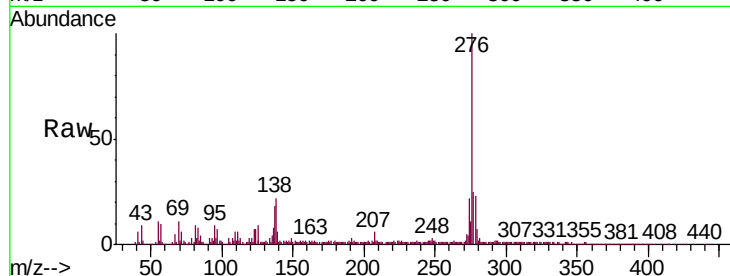
Tgt Ion:276 Resp: 254335

Ion Ratio Lower Upper

276 100

138 22.1 20.2 30.2

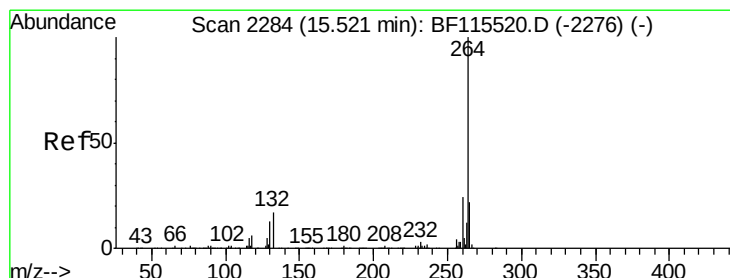
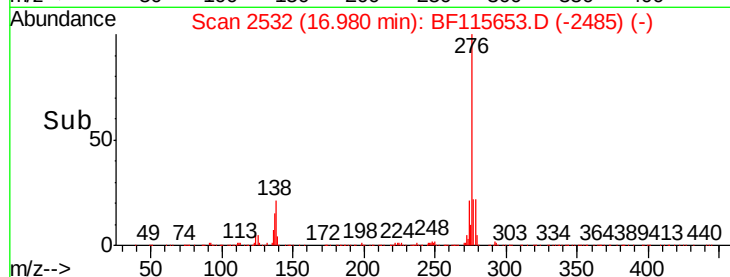
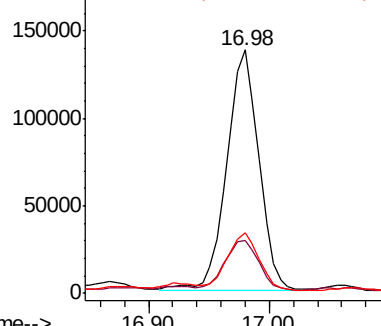
277 24.2 20.4 30.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF115653.D

Acq: 18 Jul 2019 17:51

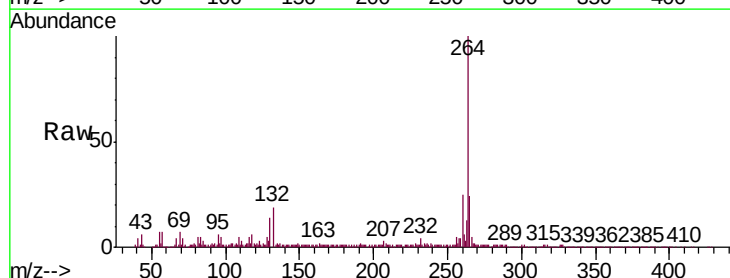
Tgt Ion:264 Resp: 339726

Ion Ratio Lower Upper

264 100

260 25.3 19.8 29.8

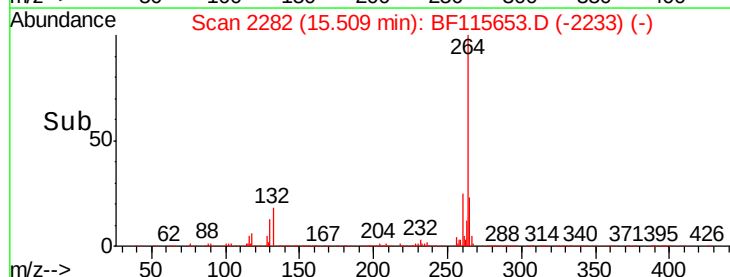
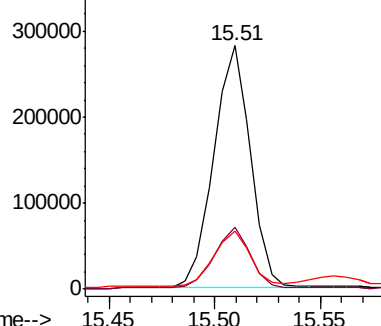
265 23.8 17.7 26.5

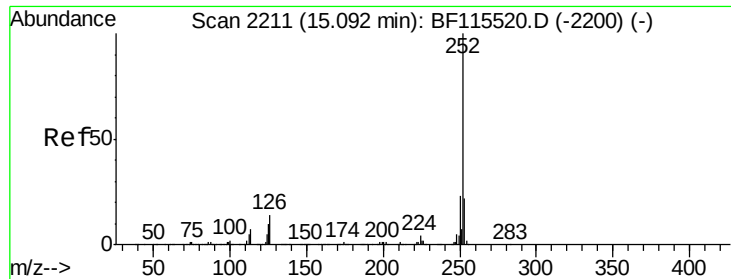


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

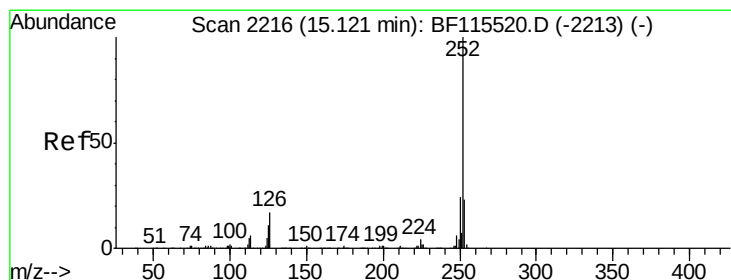
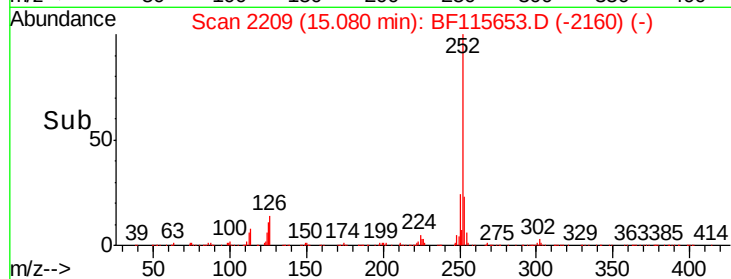
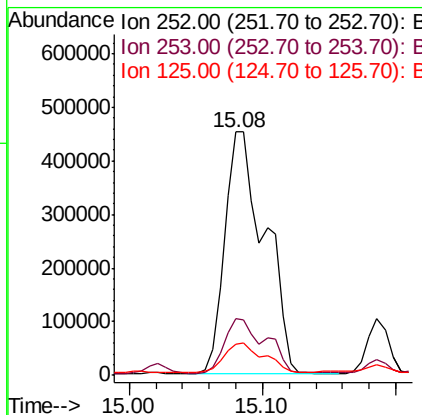
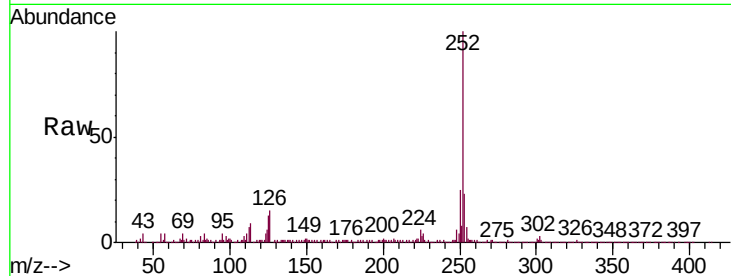




#88
Benzo(b)fluoranthene
Concen: 43.491 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115653.D
Acq: 18 Jul 2019 17:51

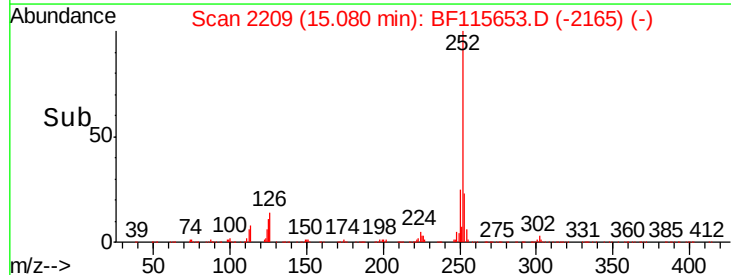
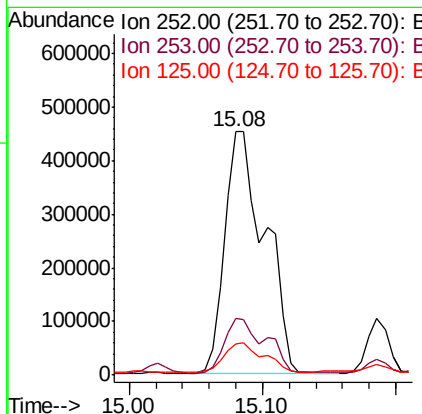
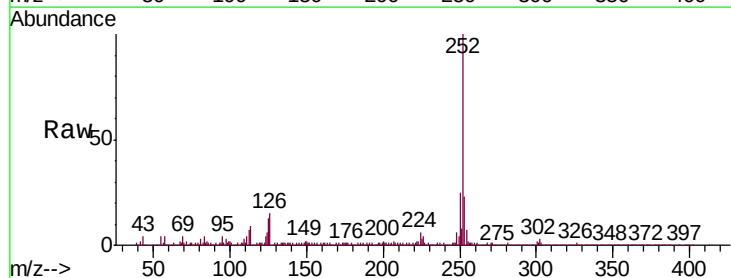
Instrument :
BNA_F
ClientSampleId :
HJDC-S4

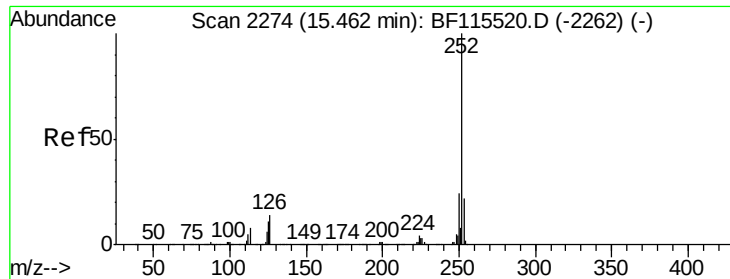
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	12.8	9.0	13.4



#89
Benzo(k)fluoranthene
Concen: 48.781 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.04 min
Lab File: BF115653.D
Acq: 18 Jul 2019 17:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.6	28.0
125	12.8	9.0	13.6





#90

Benzo(a)pyrene

Concen: 27.560 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.02 min

Lab File: BF115653.D

Acq: 18 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

HJDC-S4

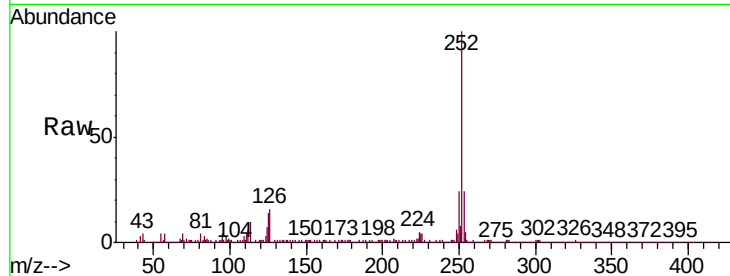
Tgt Ion:252 Resp: 518180

Ion Ratio Lower Upper

252 100

253 24.4 17.8 26.6

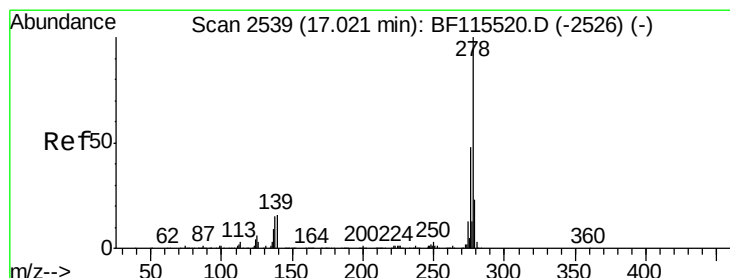
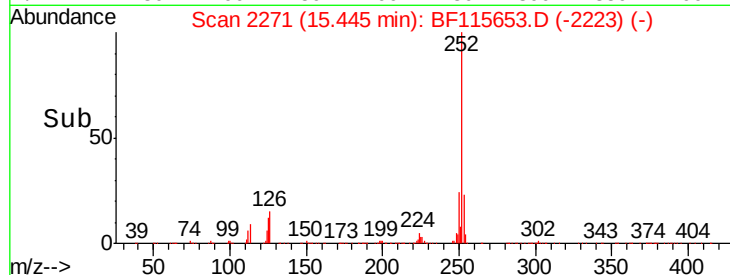
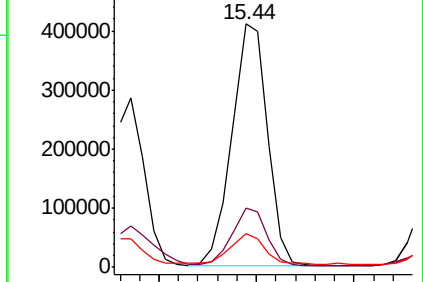
125 13.8 9.1 13.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 4.042 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.04 min

Lab File: BF115653.D

Acq: 18 Jul 2019 17:51

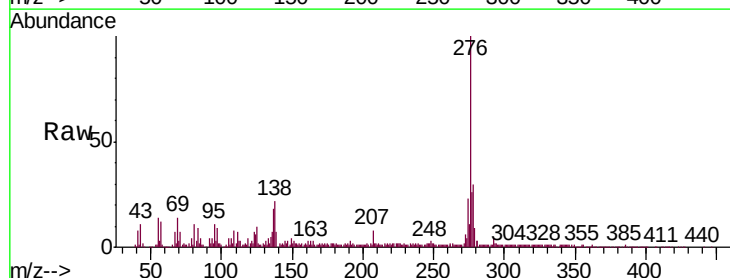
Tgt Ion:278 Resp: 66715

Ion Ratio Lower Upper

278 100

139 24.5 13.1 19.7#

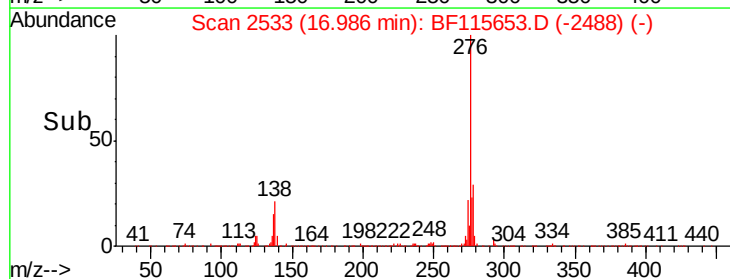
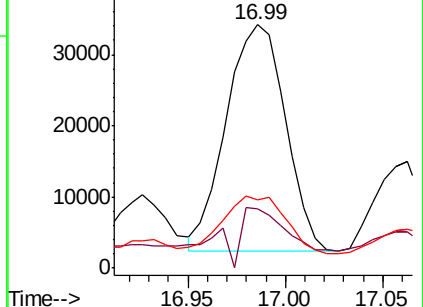
279 28.2 19.6 29.4

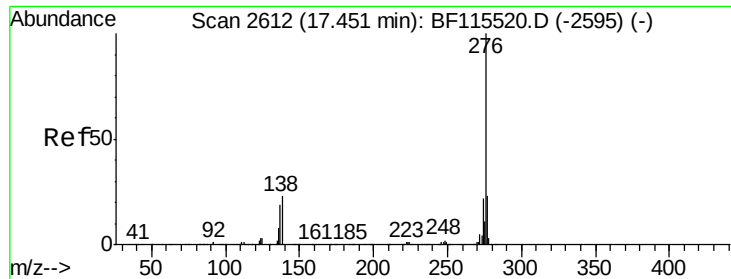


Abundance Ion 278.00 (277.70 to 278.70): E

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: 13.500 ng

RT: 17.43 min Scan# 2608

Delta R.T. -0.02 min

Lab File: BF115653.D

Acq: 18 Jul 2019 17:51

Instrument :

BNA_F

ClientSampleId :

HJDC-S4

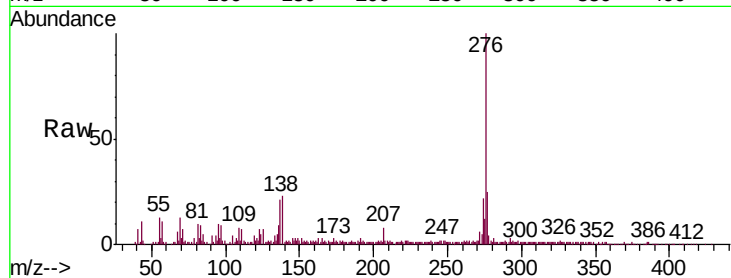
Tgt Ion: 276 Resp: 222236

Ion Ratio Lower Upper

276 100

277 25.3 19.0 28.4

138 22.6 17.2 25.8



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

