

Data File : BF115654.D
Acq On : 18 Jul 2019 18:18
Operator : HP/JU
Sample : K3875-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HJDC-S1

Quant Time: Jul 19 07:40:15 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	150626	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	585540	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	268908	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	439478	20.00	ng	0.00
76) Chrysene-d12	14.04	240	314769	20.00	ng	-0.01
87) Perylene-d12	15.51	264	333718	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	769104	83.52	ng	0.00
7) Phenol-d6	6.51	99	1046500	89.56	ng	0.00
23) Nitrobenzene-d5	7.44	82	604690	60.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	221172	70.46	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	946348	61.60	ng	-0.01
79) Terphenyl-d14	12.98	244	722424	42.35	ng	-0.02

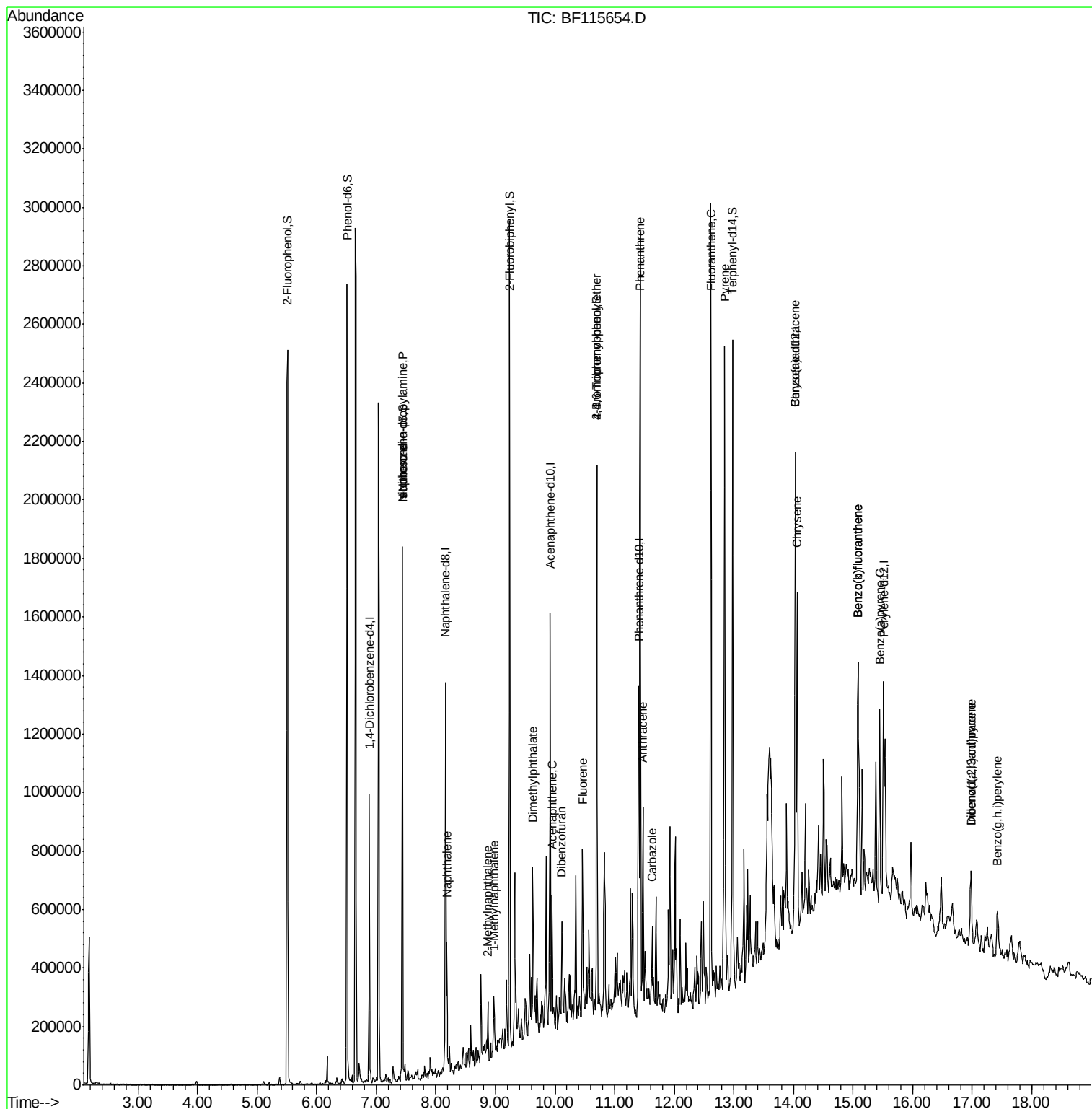
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.44	70	82369	10.809	ng	# 78
25) Isophorone	7.44	82	596171	29.586	ng	# 64
31) Naphthalene	8.19	128	165916	5.851	ng	95
37) 2-Methylnaphthalene	8.87	142	53088	2.824	ng	97
38) 1-Methylnaphthalene	8.97	142	45185	2.531	ng	98
50) Dimethylphthalate	9.63	163	162424	8.028	ng	# 97
52) Acenaphthene	9.95	154	95184	5.684	ng	94
55) Dibenzofuran	10.12	168	86213	3.625	ng	# 95
58) Fluorene	10.46	166	133054	7.826	ng	99
67) 4-Bromophenyl-phenylether	10.70	248	13633	2.715	ng	# 1
71) Phenanthrene	11.43	178	938236	41.649	ng	97
72) Anthracene	11.47	178	239746	10.298	ng	99
73) Carbazole	11.63	167	104669	5.127	ng	98
75) Fluoranthene	12.62	202	999080	41.969	ng	98
78) Pyrene	12.85	202	899843	33.742	ng	98
81) Benzo(a)anthracene	14.03	228	492076	23.729	ng	97
83) Chrysene	14.06	228	426607	20.493	ng	96
86) Indeno(1,2,3-cd)pyrene	16.98	276	157347	8.897	ng	97
88) Benzo(b)fluoranthene	15.08	252	623952	29.036	ng	98
89) Benzo(k)fluoranthene	15.08	252	623952	32.568	ng	99
90) Benzo(a)pyrene	15.44	252	321267	17.395	ng	97
91) Dibenzo(a,h)anthracene	16.99	278	42888	2.645	ng	# 85
92) Benzo(g,h,i)perylene	17.43	276	138063	8.538	ng	99

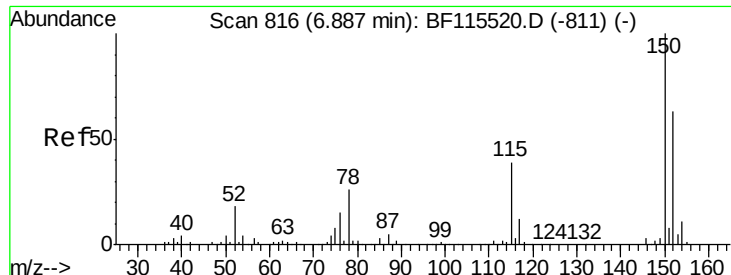
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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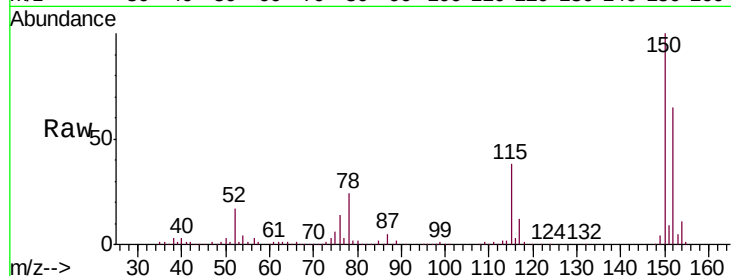


#1

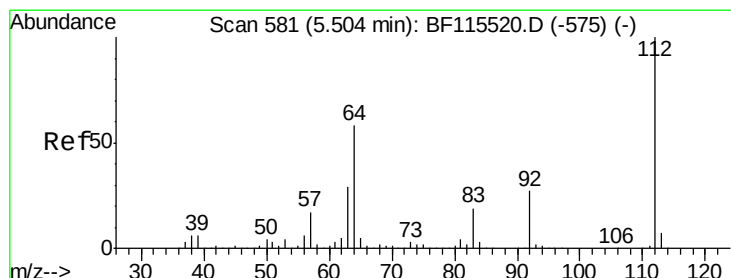
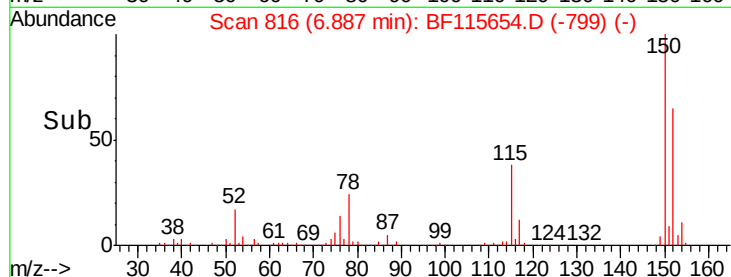
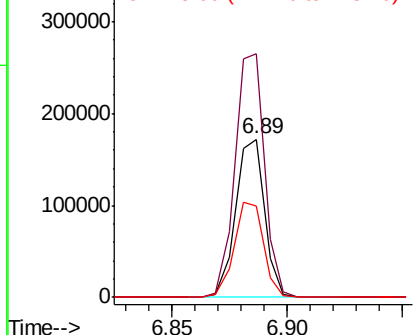
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF115654.D
Acq: 18 Jul 2019 18:18

Instrument :
BNA_F
ClientSampleId :
HJDC-S1

Tgt Ion:152 Resp: 150626
Ion Ratio Lower Upper
152 100
150 154.2 129.7 194.5
115 58.1 48.2 72.4



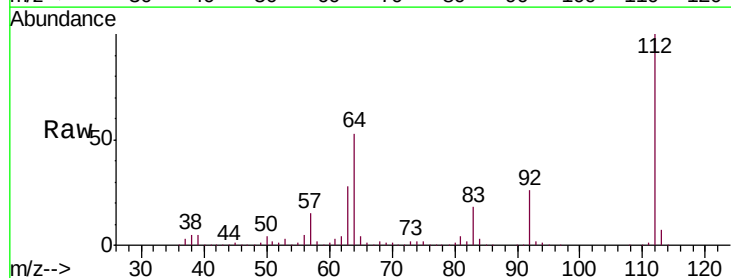
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



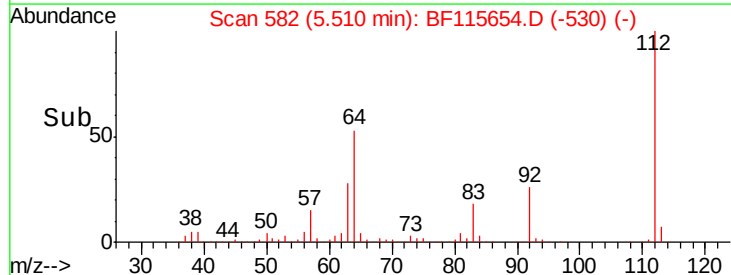
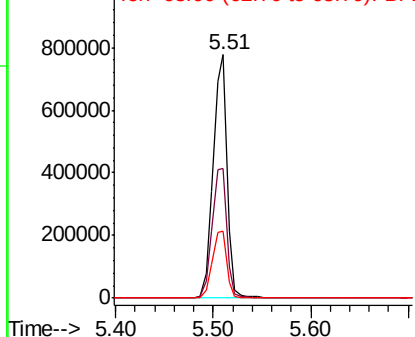
#5

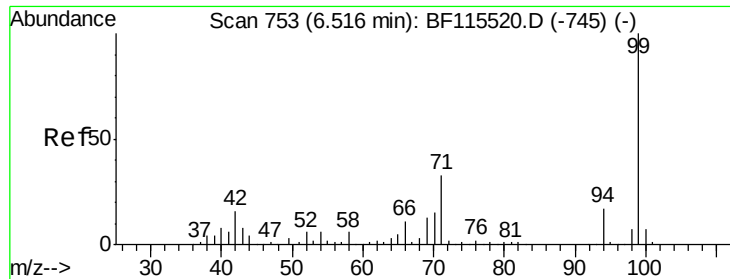
2-Fluorophenol
Concen: 83.520 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115654.D
Acq: 18 Jul 2019 18:18

Tgt Ion:112 Resp: 769104
Ion Ratio Lower Upper
112 100
64 53.1 46.8 70.2
63 27.6 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: 89.562 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115654.D

Acq: 18 Jul 2019 18:18

Instrument :

BNA_F

ClientSampleId :

HJDC-S1

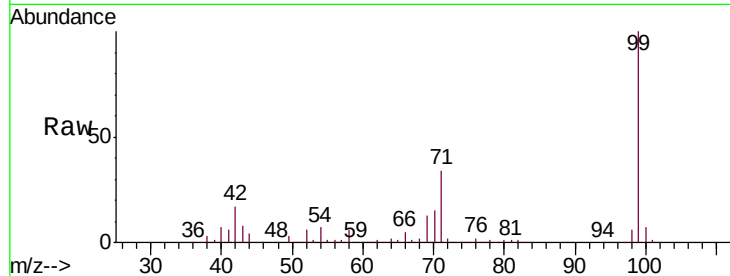
Tgt Ion: 99 Resp: 1046500

Ion Ratio Lower Upper

99 100

42 16.9 13.6 20.4

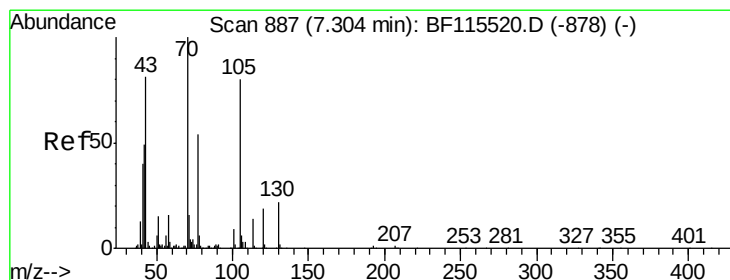
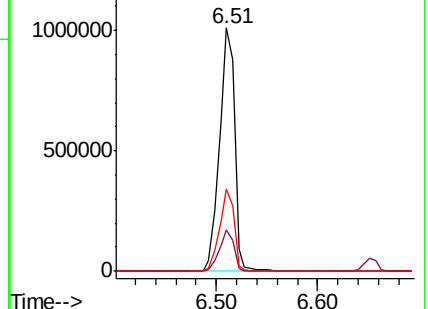
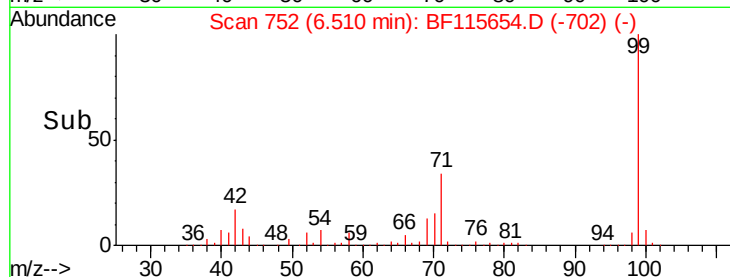
71 33.6 28.5 42.7



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: 10.809 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF115654.D

Acq: 18 Jul 2019 18:18

Tgt Ion: 70 Resp: 82369

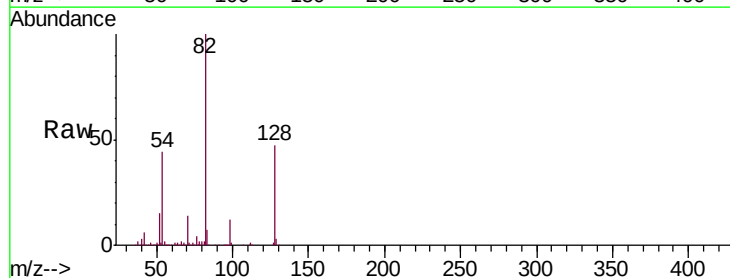
Ion Ratio Lower Upper

70 100

42 41.9 39.6 59.4

101 0.0 8.1 12.1#

130 2.4 18.2 27.2#

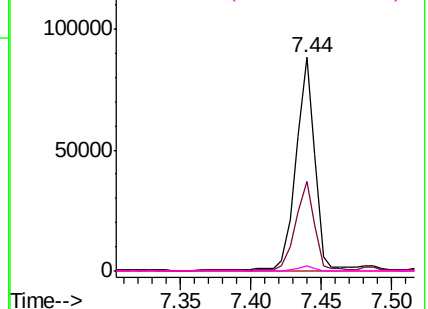
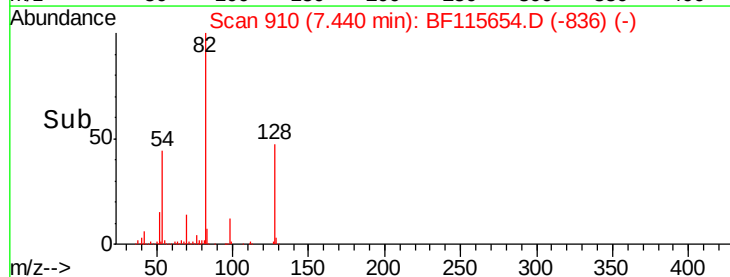


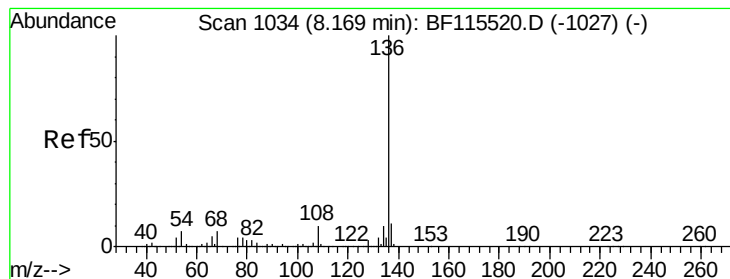
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF115654.D

Acq: 18 Jul 2019 18:18

Instrument :

BNA_F

ClientSampleId :

HJDC-S1

Tgt Ion: 136 Resp: 585540

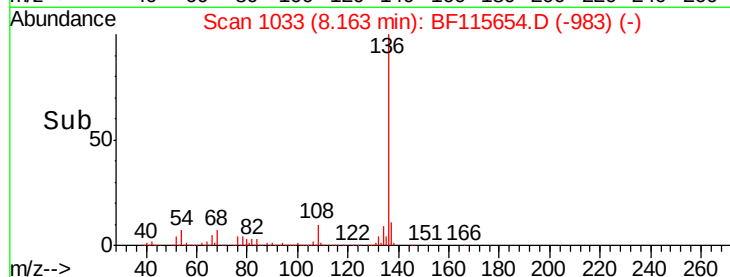
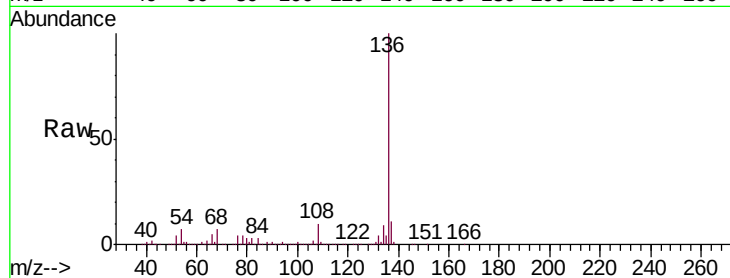
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.4 5.6 8.4

68 6.9 5.0 7.6

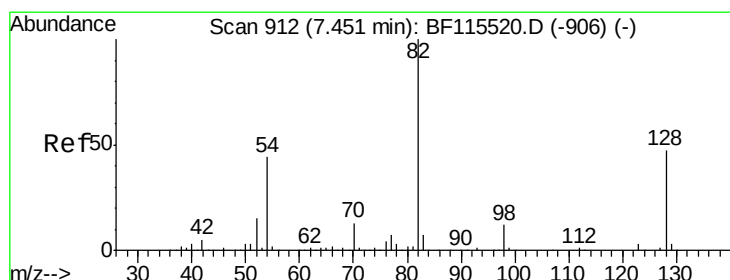
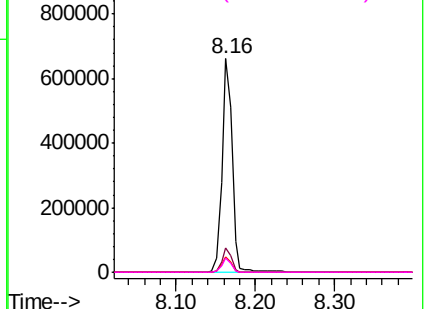


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.048 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF115654.D

Acq: 18 Jul 2019 18:18

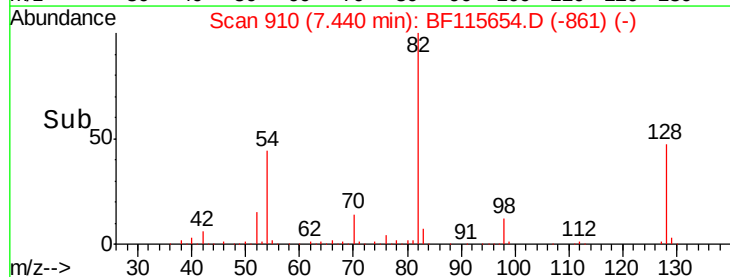
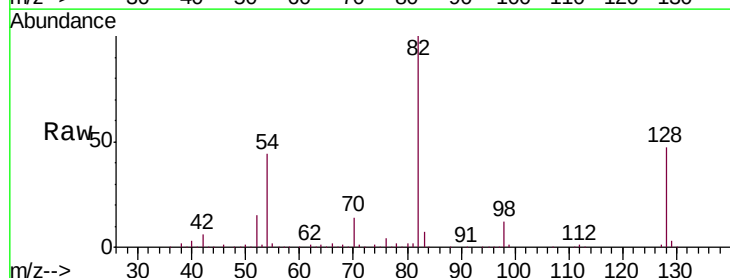
Tgt Ion: 82 Resp: 604690

Ion Ratio Lower Upper

82 100

128 46.5 38.6 57.8

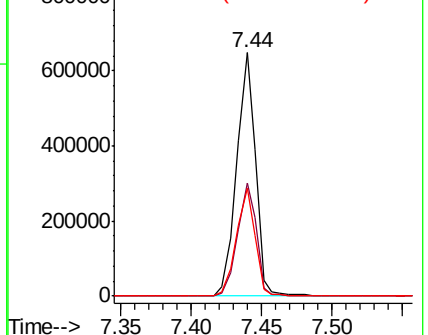
54 44.3 35.6 53.4

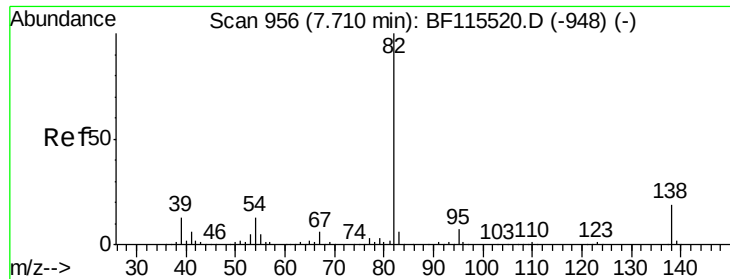


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 29.586 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115654.D

Acq: 18 Jul 2019 18:18

Instrument :

BNA_F

ClientSampleId :

HJDC-S1

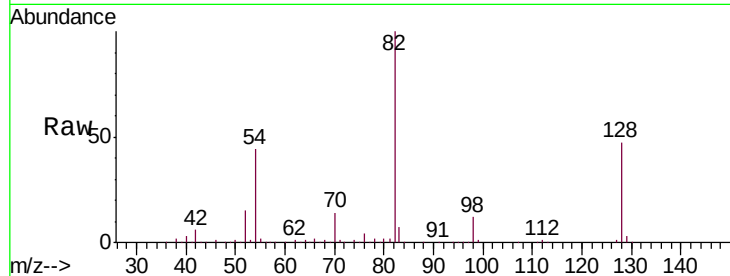
Tgt Ion: 82 Resp: 596171

Ion Ratio Lower Upper

82 100

95 0.1 5.5 8.3#

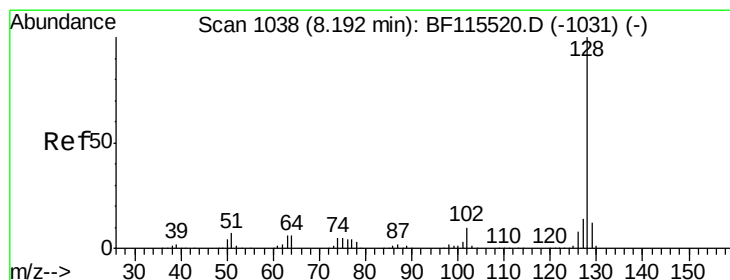
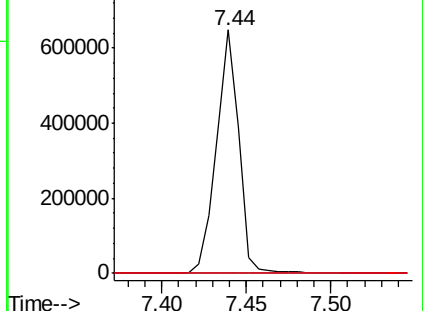
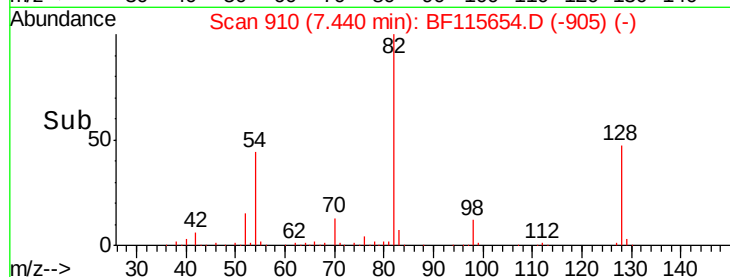
138 0.0 14.9 22.3#



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: 5.851 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF115654.D

Acq: 18 Jul 2019 18:18

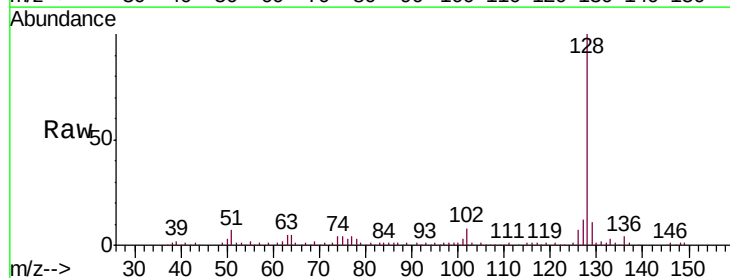
Tgt Ion: 128 Resp: 165916

Ion Ratio Lower Upper

128 100

129 10.9 9.9 14.9

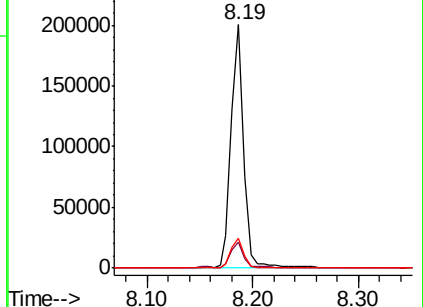
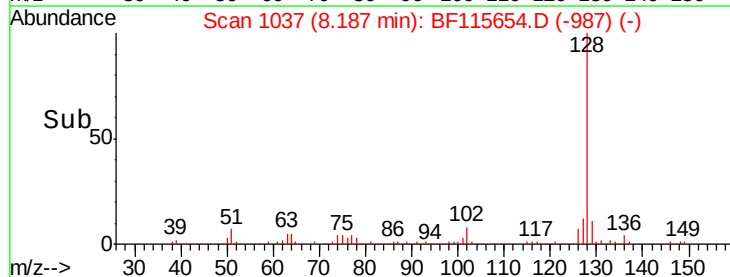
127 12.4 12.1 18.1

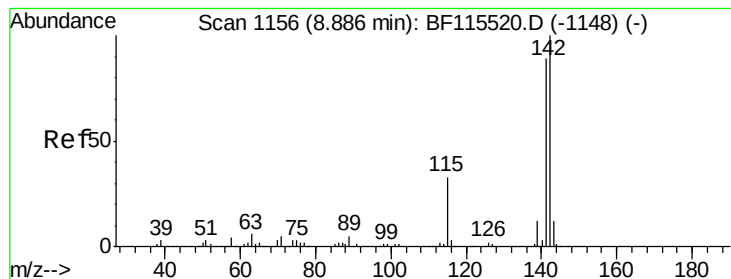


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 2.824 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

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BNA_F

ClientSampleId :

HJDC-S1

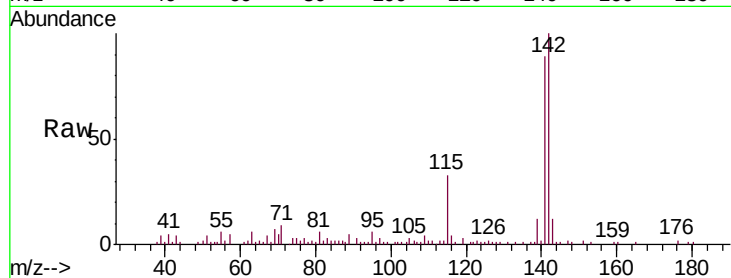
Tgt Ion:142 Resp: 53088

Ion Ratio Lower Upper

142 100

141 89.2 72.0 108.0

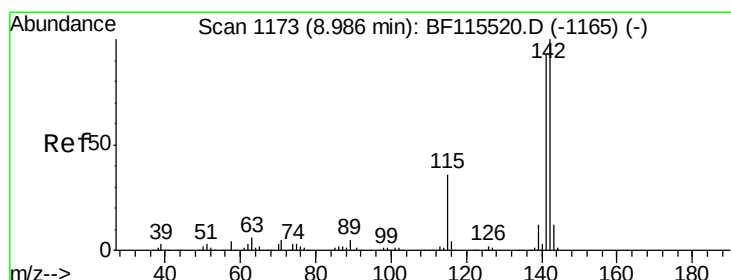
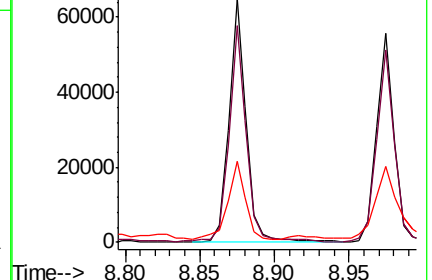
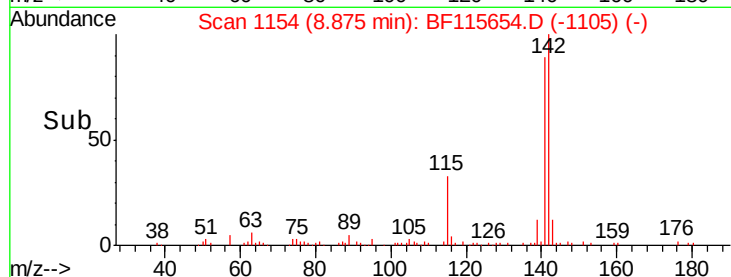
115 33.2 29.9 44.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 2.531 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF115654.D

Acq: 18 Jul 2019 18:18

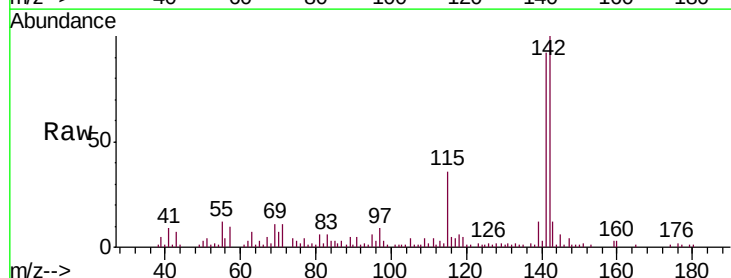
Tgt Ion:142 Resp: 45185

Ion Ratio Lower Upper

142 100

141 91.8 75.3 112.9

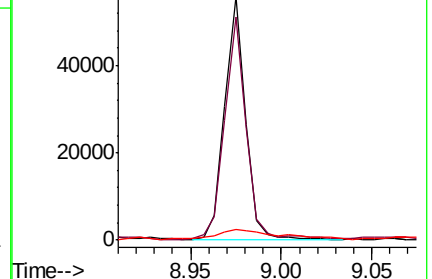
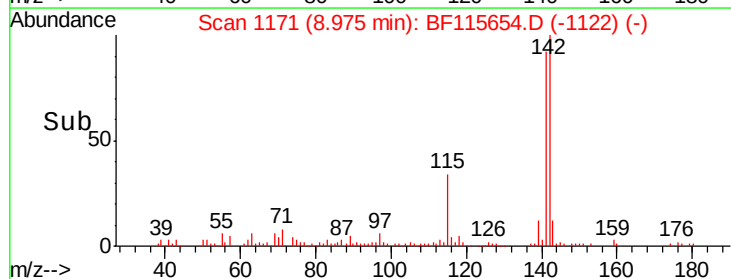
116 4.6 3.3 4.9

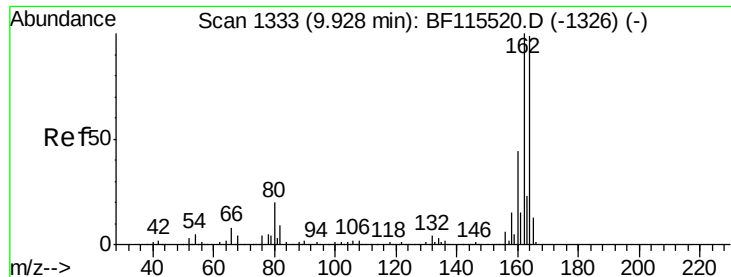


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

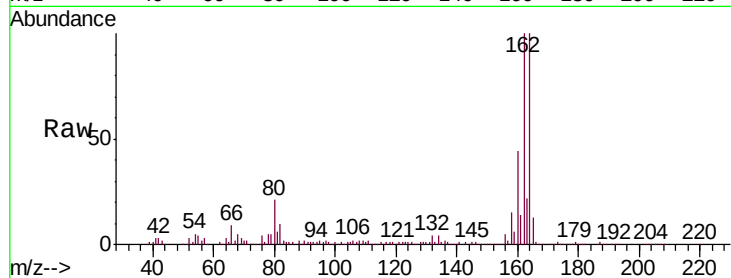




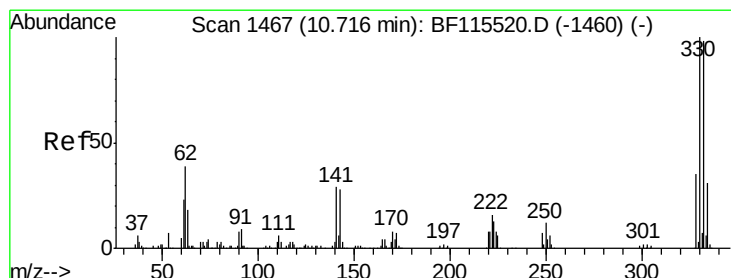
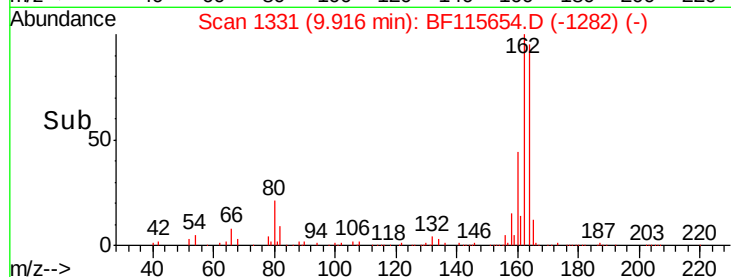
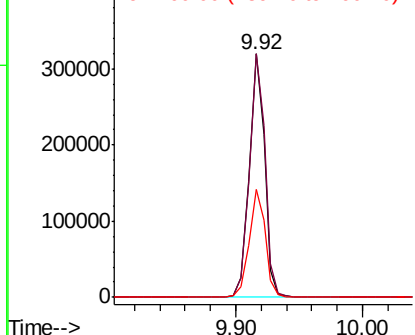
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF115654.D
 Acq: 18 Jul 2019 18:18

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-S1

Tgt Ion:164 Resp: 268908
 Ion Ratio Lower Upper
 164 100
 162 99.9 82.9 124.3
 160 44.3 36.8 55.2

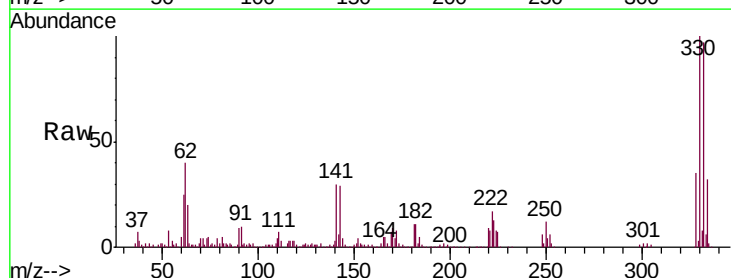


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

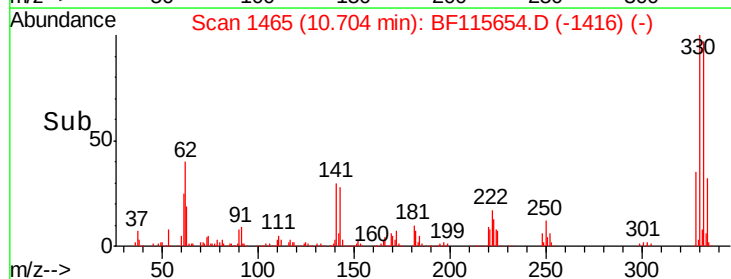
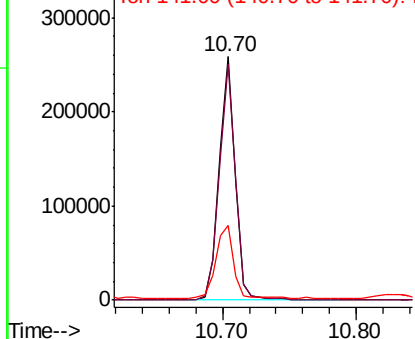


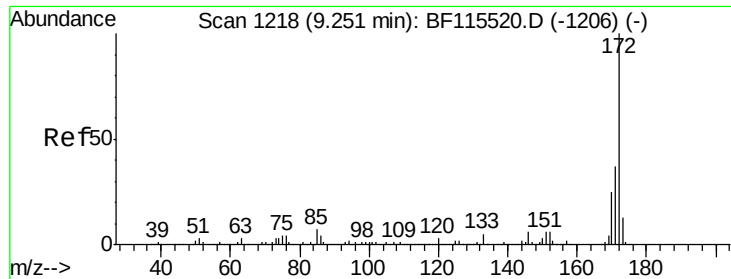
#42
 2,4,6-Tribromophenol
 Concen: 70.464 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115654.D
 Acq: 18 Jul 2019 18:18

Tgt Ion:330 Resp: 221172
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 31.8 22.4 33.6



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

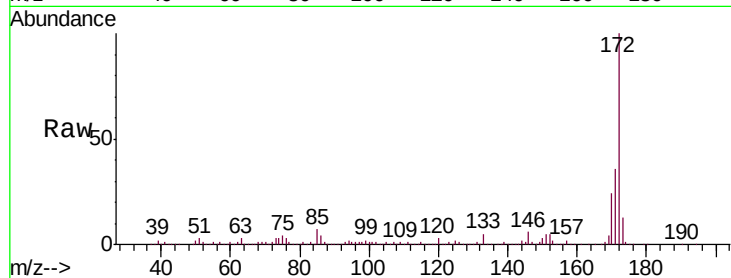




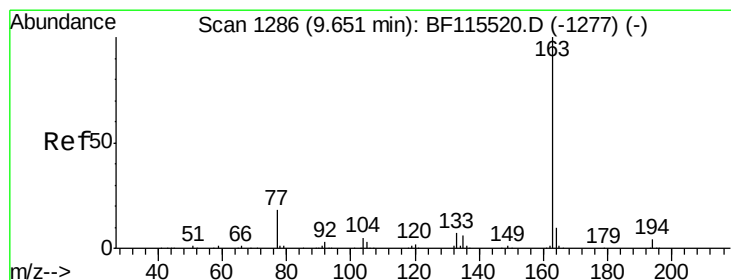
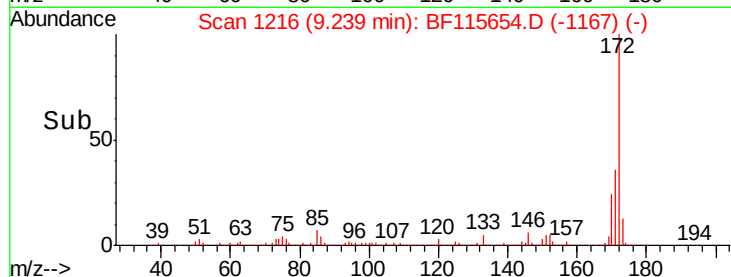
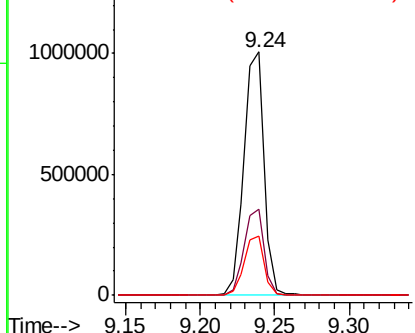
#45
2-Fluorobiphenyl
Concen: 61.596 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115654.D
Acq: 18 Jul 2019 18:18

Instrument :
BNA_F
ClientSampleId :
HJDC-S1

Tgt Ion:172 Resp: 946348
Ion Ratio Lower Upper
172 100
171 35.5 30.6 46.0
170 24.4 20.5 30.7

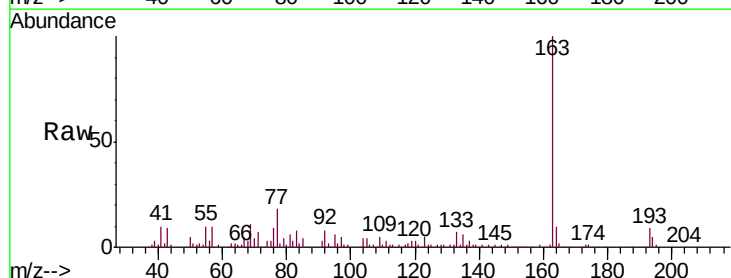


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

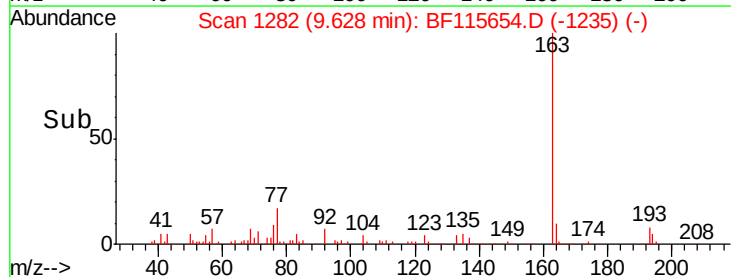
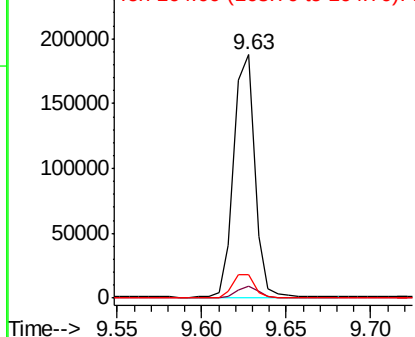


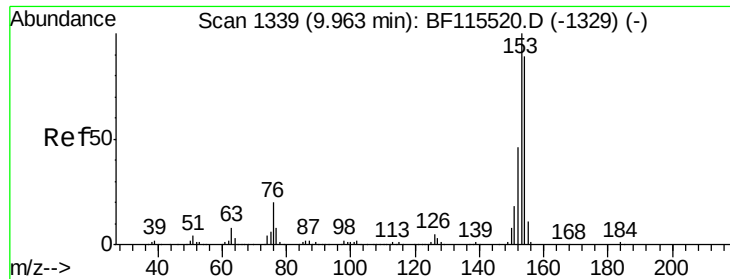
#50
Dimethylphthalate
Concen: 8.028 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF115654.D
Acq: 18 Jul 2019 18:18

Tgt Ion:163 Resp: 162424
Ion Ratio Lower Upper
163 100
194 5.1 3.3 4.9#
164 9.5 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: 5.684 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF115654.D

Acq: 18 Jul 2019 18:18

Instrument :

BNA_F

ClientSampleId :

HJDC-S1

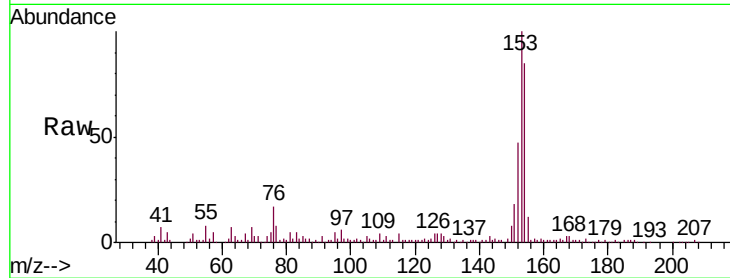
Tgt Ion:154 Resp: 95184

Ion Ratio Lower Upper

154 100

153 117.7 88.6 133.0

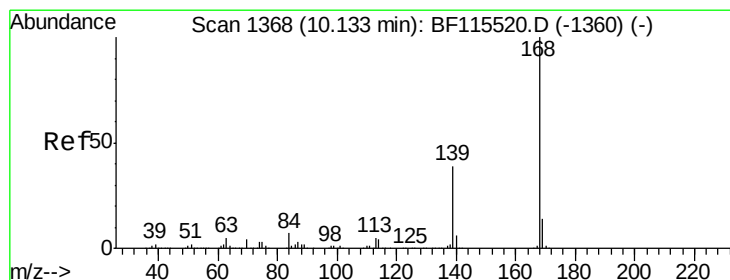
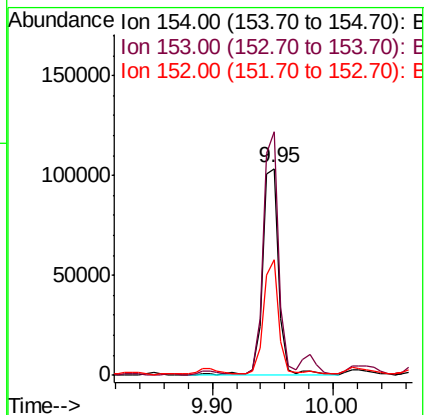
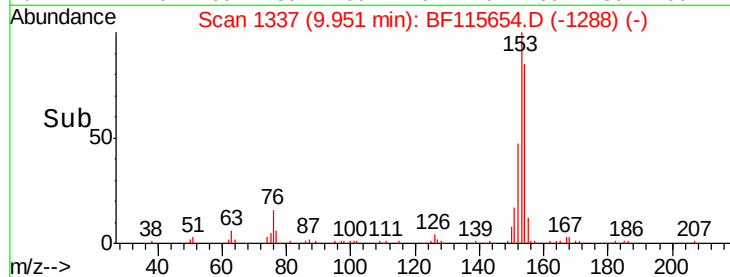
152 55.6 42.3 63.5



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



#55

Dibenzofuran

Concen: 3.625 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BF115654.D

Acq: 18 Jul 2019 18:18

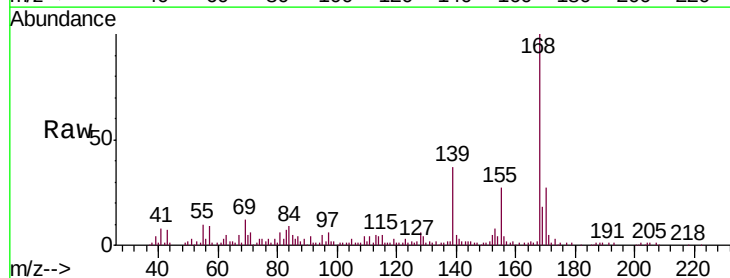
Tgt Ion:168 Resp: 86213

Ion Ratio Lower Upper

168 100

139 36.7 31.1 46.7

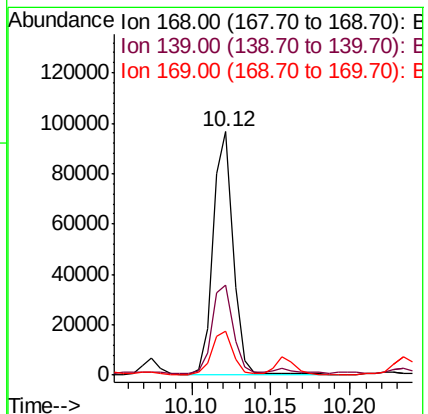
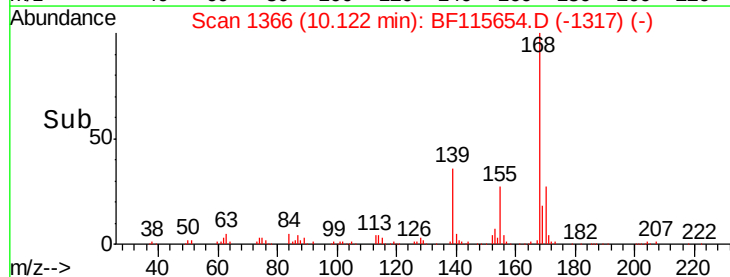
169 17.8 11.1 16.7#

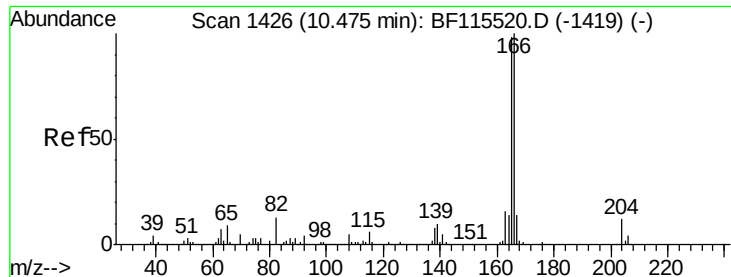


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

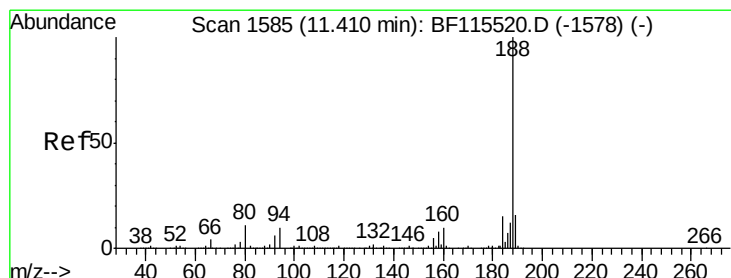
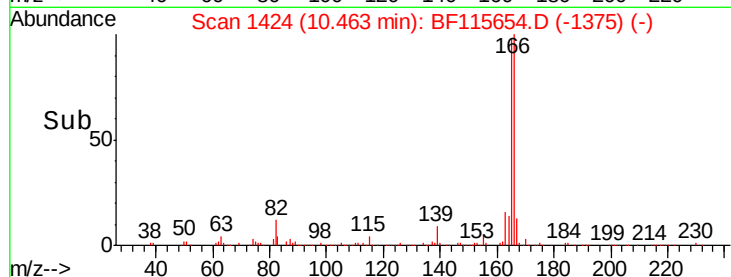
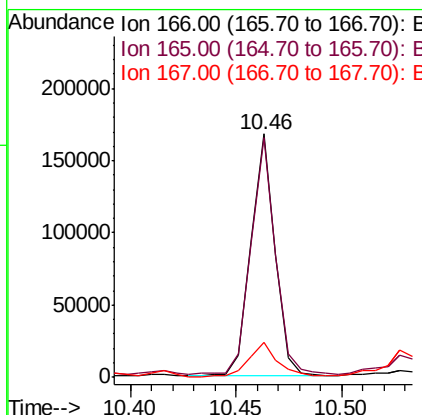
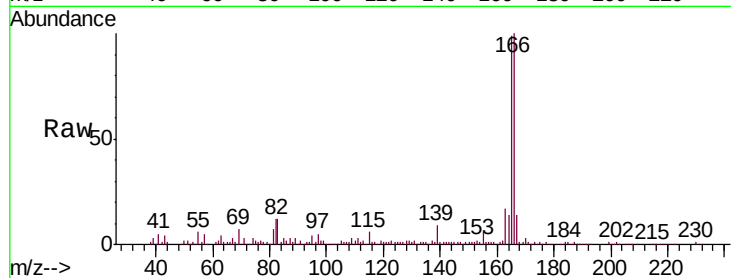




#58
 Fluorene
 Concen: 7.826 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115654.D
 Acq: 18 Jul 2019 18:18

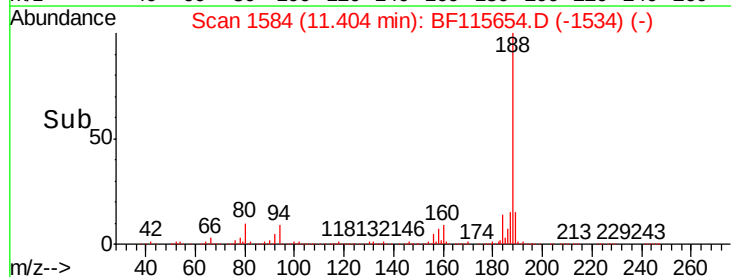
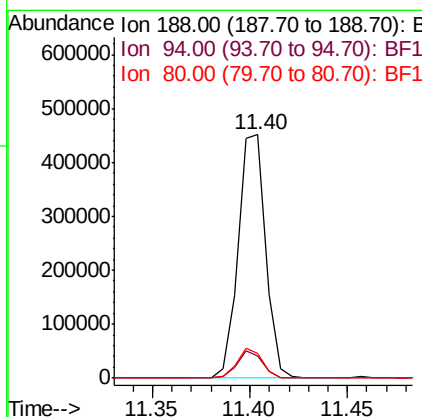
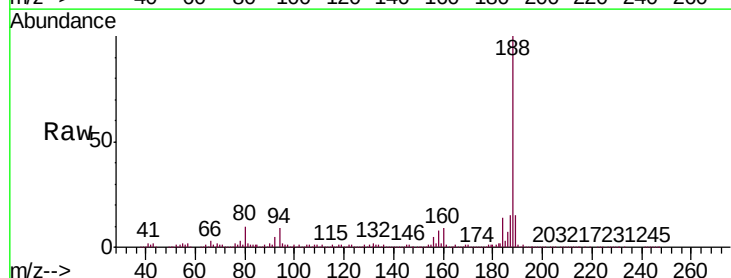
Instrument :
 BNA_F
 ClientSampleId :
 HJDC-S1

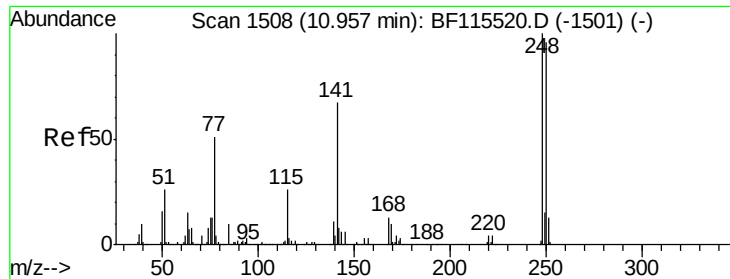
Tgt Ion:166 Resp: 133054
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.8 119.6
 167 14.2 11.2 16.8



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF115654.D
 Acq: 18 Jul 2019 18:18

Tgt Ion:188 Resp: 439478
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.8 11.6
 80 10.0 8.6 13.0

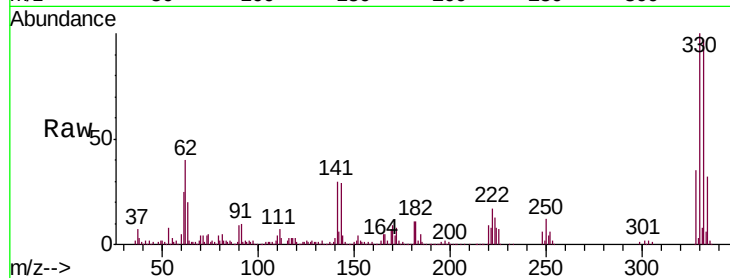




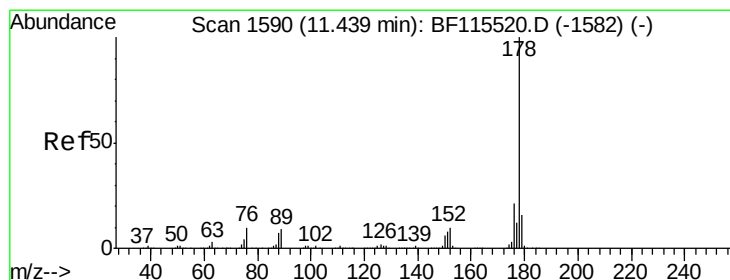
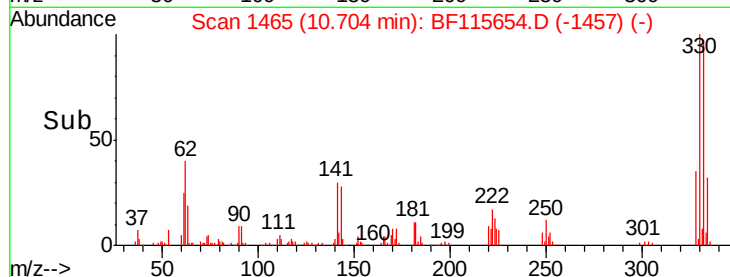
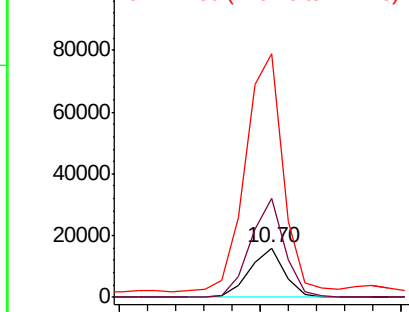
#67
 4-Bromophenyl-phenylether
 Concen: 2.715 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF115654.D
 Acq: 18 Jul 2019 18:18

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-S1

Tgt Ion:248 Resp: 13633
 Ion Ratio Lower Upper
 248 100
 250 201.2 78.0 117.0#
 141 492.5 57.7 86.5#

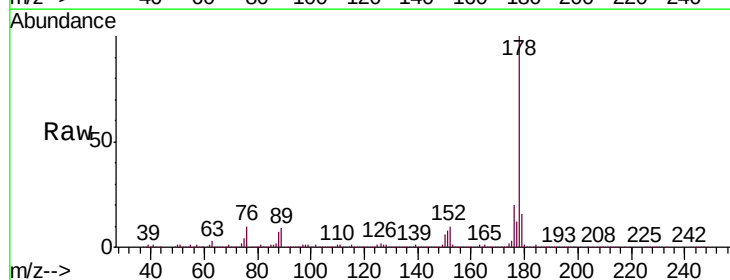


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

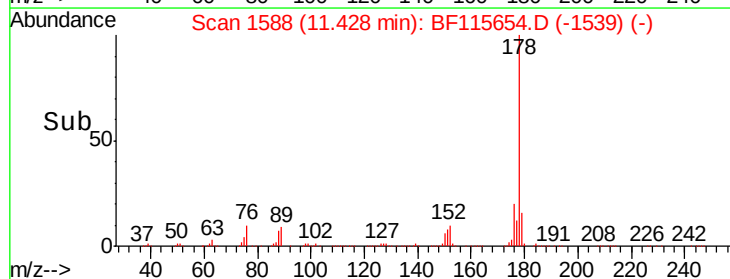
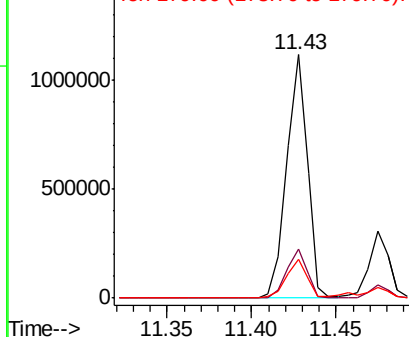


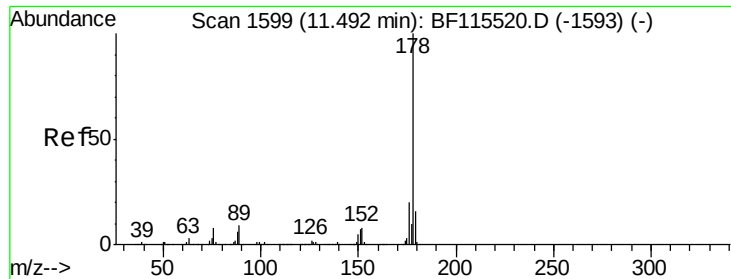
#71
 Phenanthrene
 Concen: 41.649 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF115654.D
 Acq: 18 Jul 2019 18:18

Tgt Ion:178 Resp: 938236
 Ion Ratio Lower Upper
 178 100
 176 20.1 17.2 25.8
 179 16.0 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: 10.298 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.02 min

Lab File: BF115654.D

Acq: 18 Jul 2019 18:18

Instrument :

BNA_F

ClientSampled :

HJDC-S1

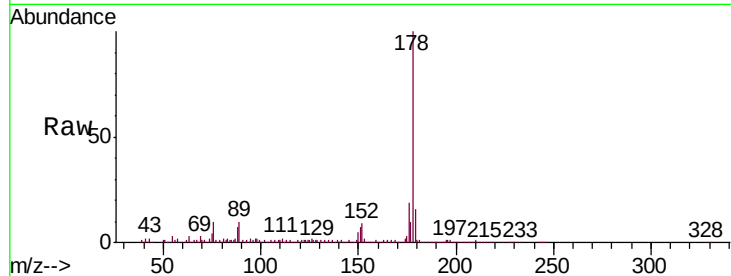
Tgt Ion:178 Resp: 239746

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

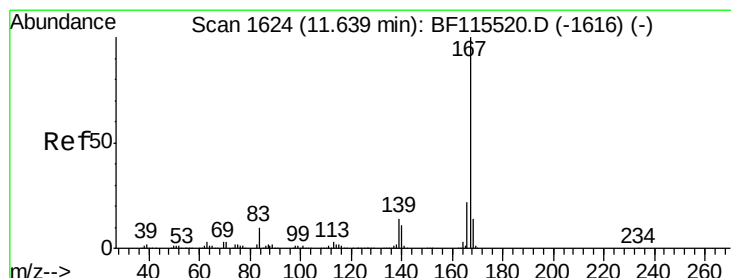
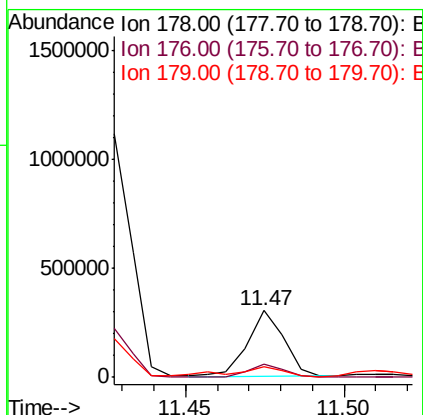
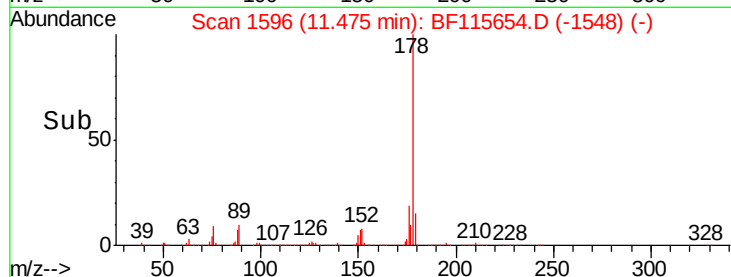
179 15.9 12.7 19.1



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: 5.127 ng

RT: 11.63 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BF115654.D

Acq: 18 Jul 2019 18:18

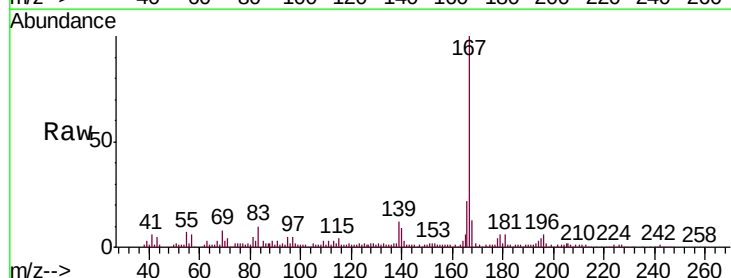
Tgt Ion:167 Resp: 104669

Ion Ratio Lower Upper

167 100

166 22.4 18.1 27.1

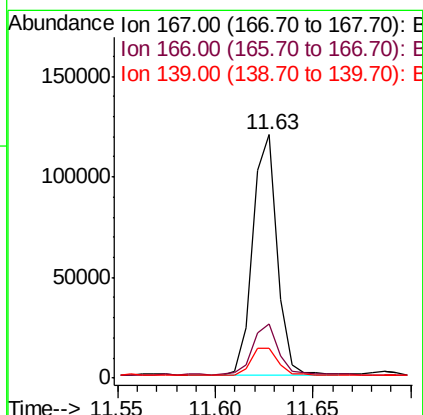
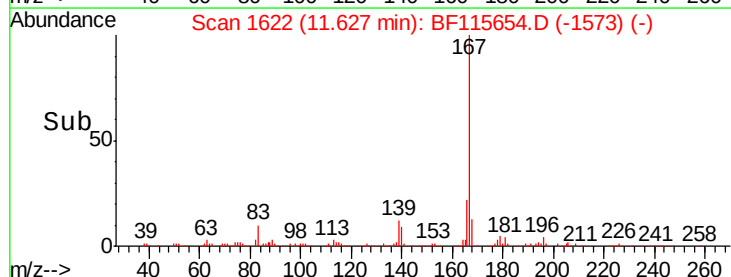
139 12.5 11.3 16.9

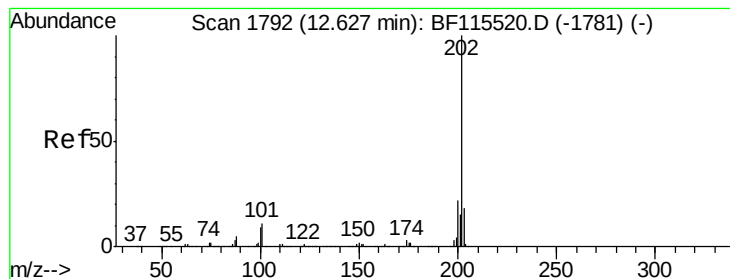


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 41.969 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF115654.D

Acq: 18 Jul 2019 18:18

Instrument :

BNA_F

ClientSampleId :

HJDC-S1

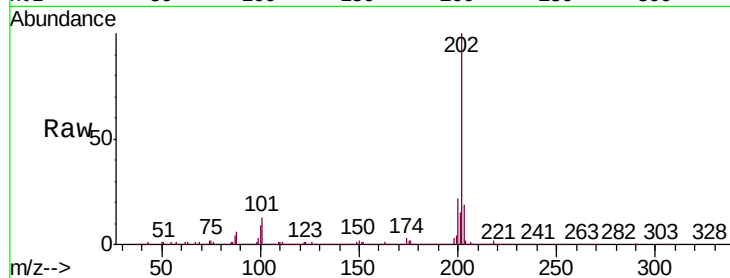
Tgt Ion:202 Resp: 999080

Ion Ratio Lower Upper

202 100

101 12.8 0.0 31.4

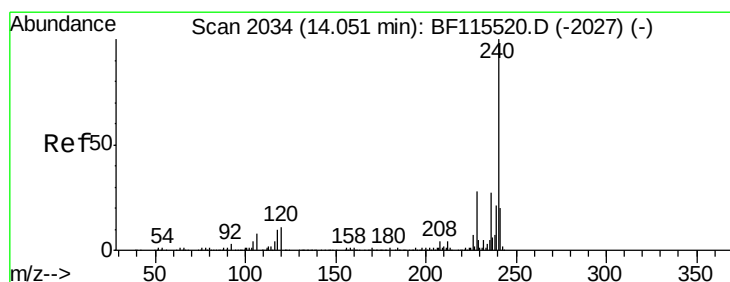
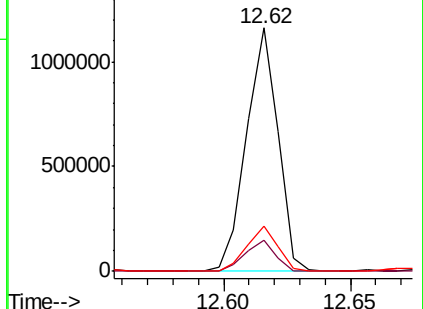
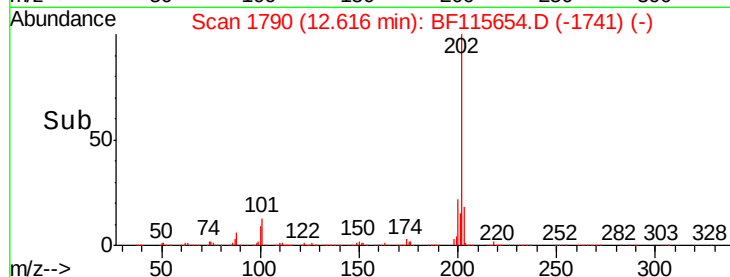
203 18.5 0.0 38.1



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: BF115654.D

Acq: 18 Jul 2019 18:18

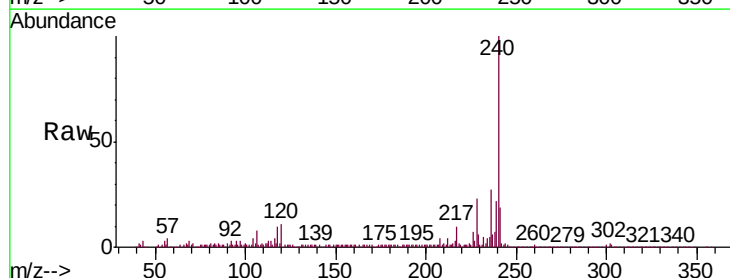
Tgt Ion:240 Resp: 314769

Ion Ratio Lower Upper

240 100

120 11.4 8.6 13.0

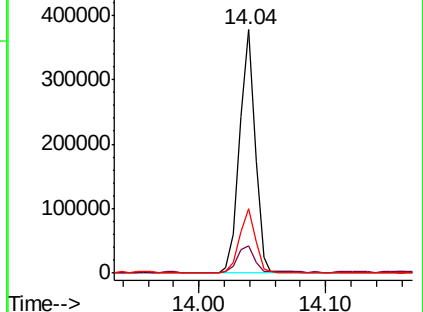
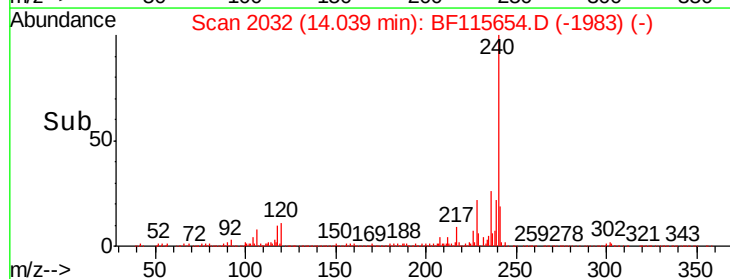
236 26.6 21.3 31.9

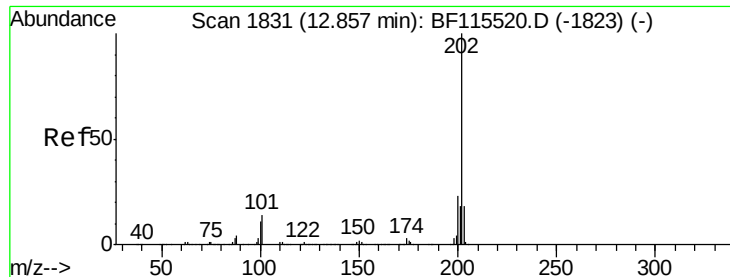


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

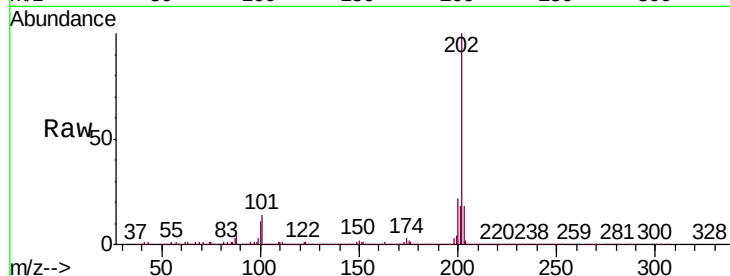




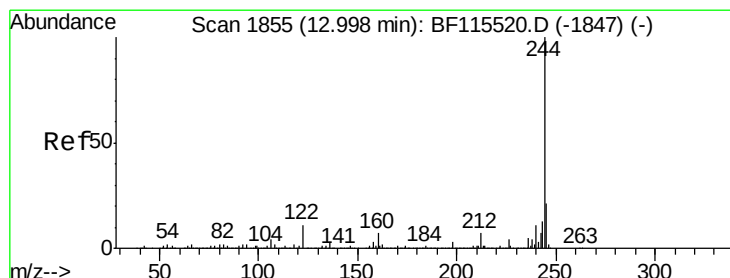
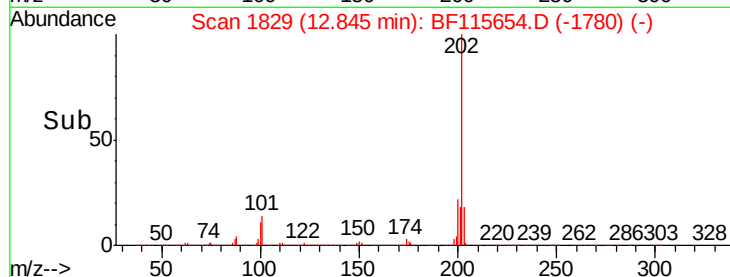
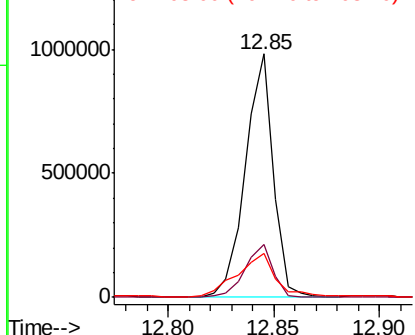
#78
 Pyrene
 Concen: 33.742 ng
 RT: 12.85 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF115654.D
 Acq: 18 Jul 2019 18:18

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-S1

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.7	28.1
203	18.2	15.2	22.8

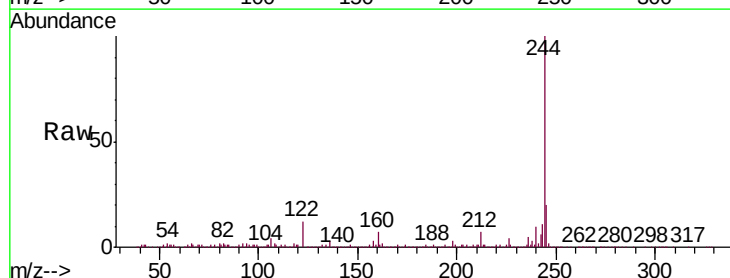


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

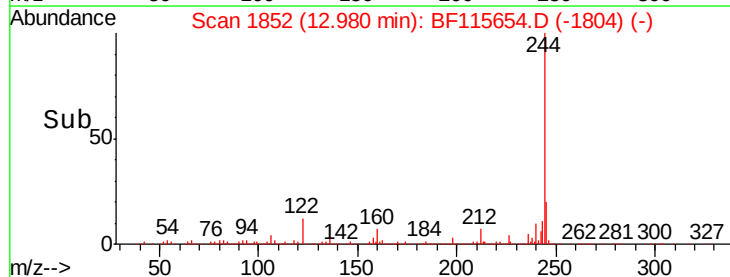
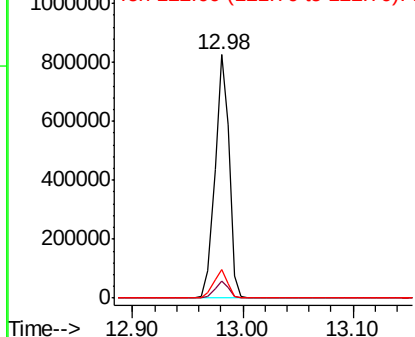


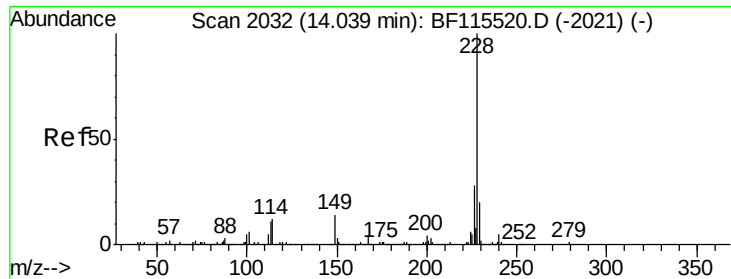
#79
 Terphenyl-d14
 Concen: 42.348 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF115654.D
 Acq: 18 Jul 2019 18:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	11.9	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

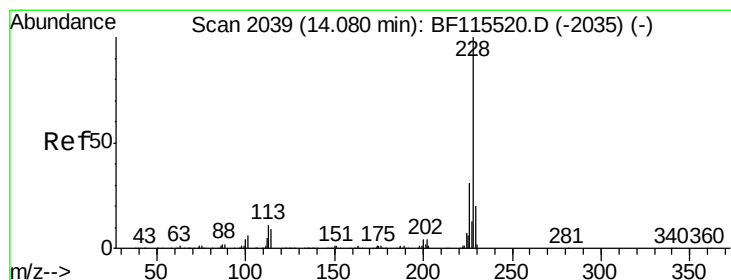
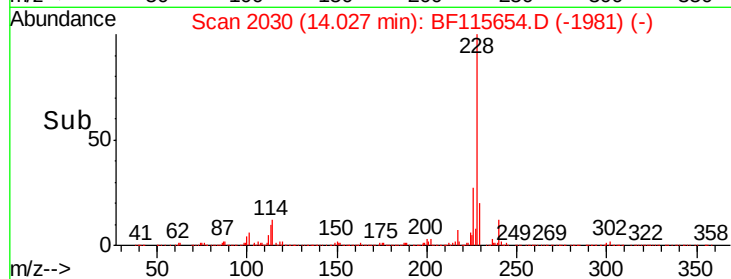
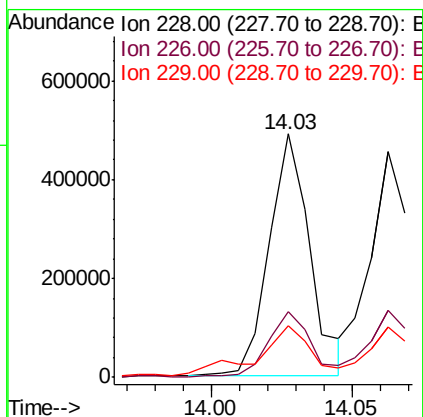
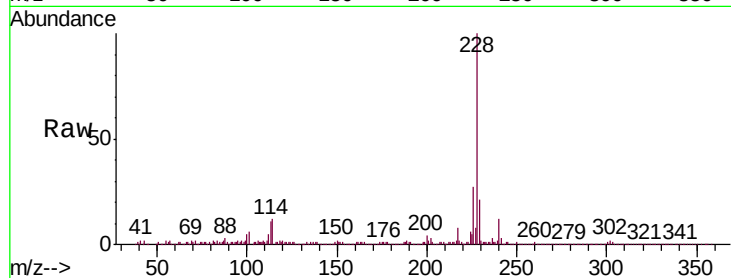




#81
Benzo(a)anthracene
Concen: 23.729 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115654.D
Acq: 18 Jul 2019 18:18

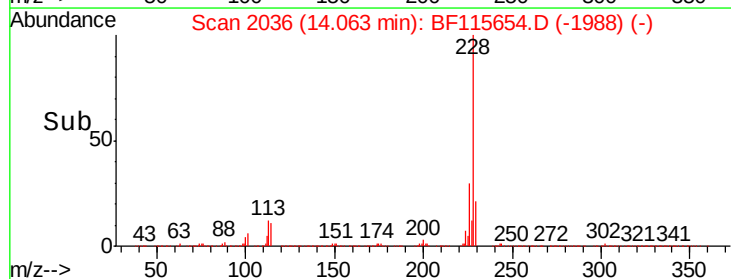
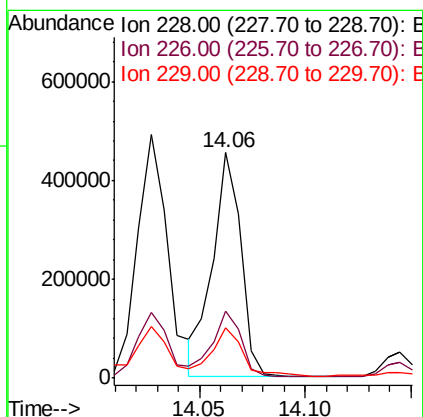
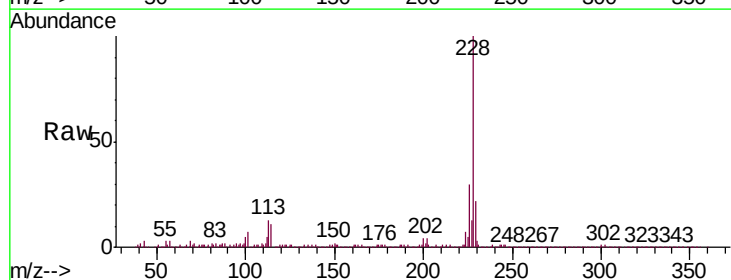
Instrument :
BNA_F
ClientSampleId :
HJDC-S1

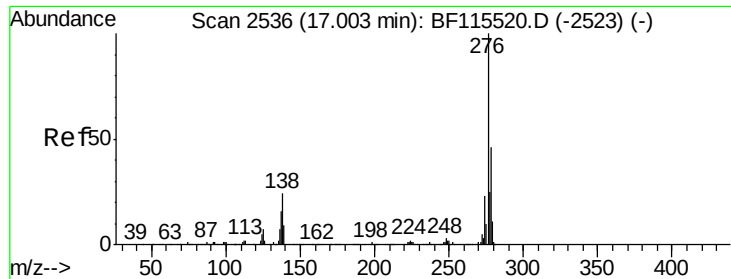
Tgt Ion:228 Resp: 492076
Ion Ratio Lower Upper
228 100
226 27.2 23.4 35.0
229 21.1 17.2 25.8



#83
Chrysene
Concen: 20.493 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BF115654.D
Acq: 18 Jul 2019 18:18

Tgt Ion:228 Resp: 426607
Ion Ratio Lower Upper
228 100
226 29.9 25.7 38.5
229 22.3 16.6 25.0

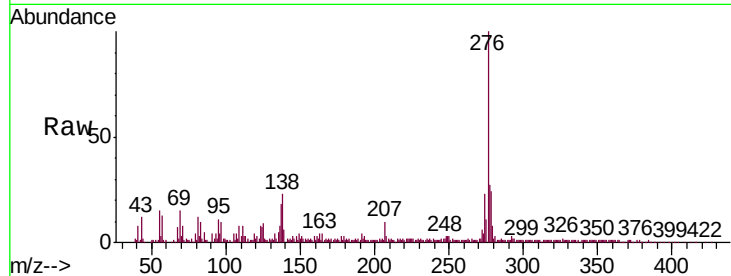




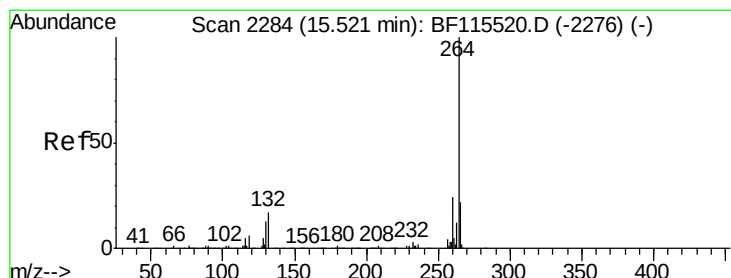
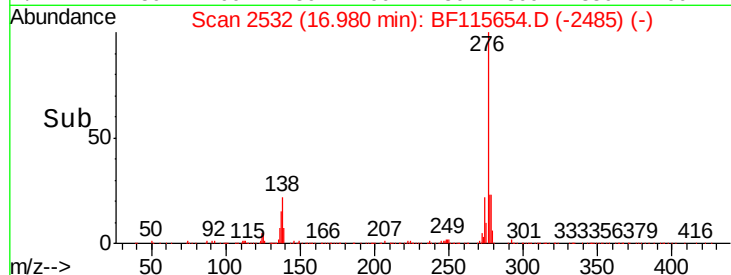
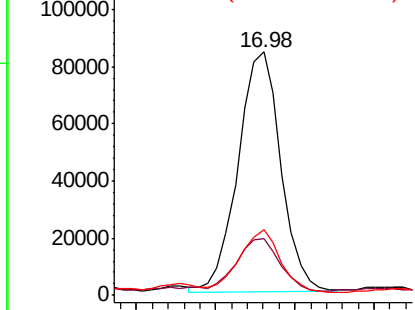
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 8.897 ng
 RT: 16.98 min Scan# 2532
 Delta R.T. -0.02 min
 Lab File: BF115654.D
 Acq: 18 Jul 2019 18:18

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-S1

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.6	20.2	30.2
277	24.8	20.4	30.6

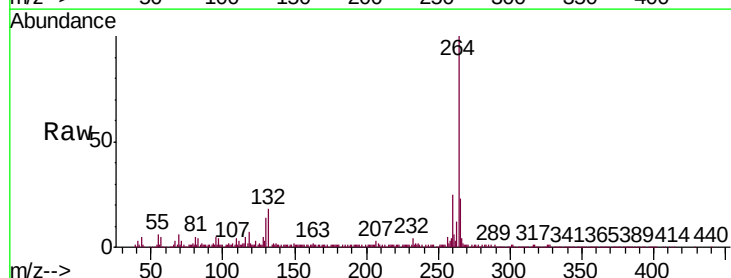


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

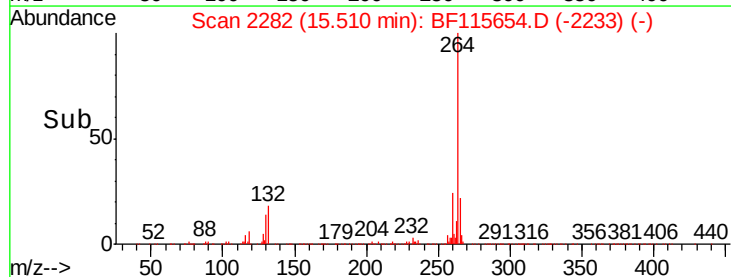
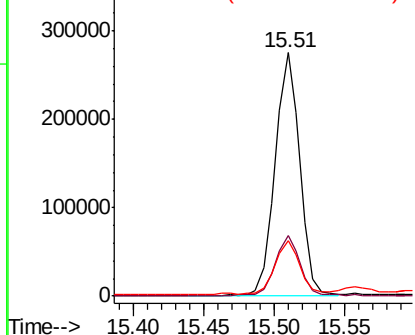


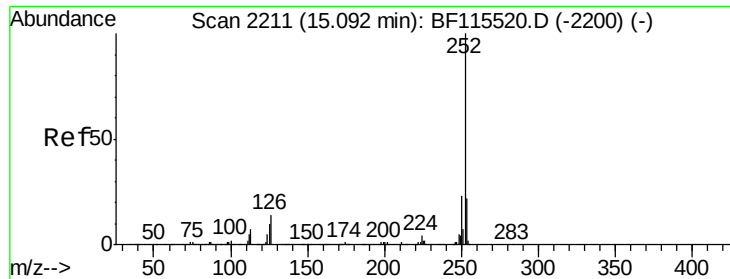
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.01 min
 Lab File: BF115654.D
 Acq: 18 Jul 2019 18:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.8
265	22.6	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

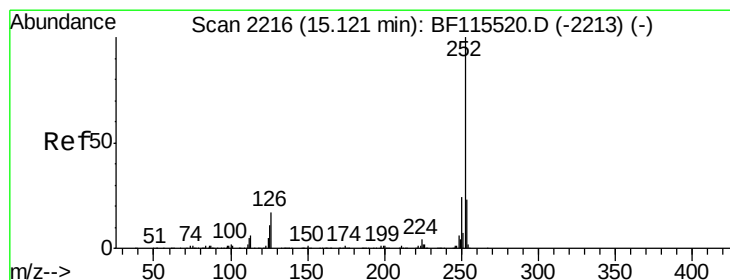
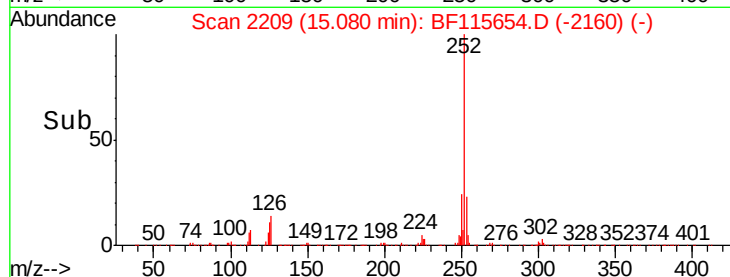
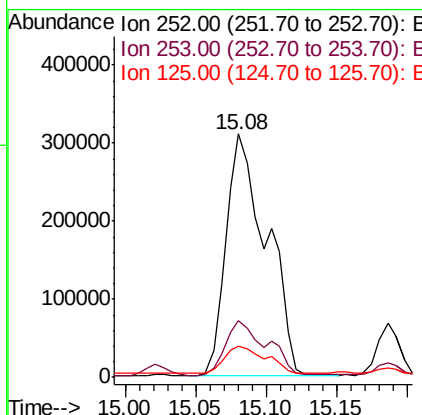
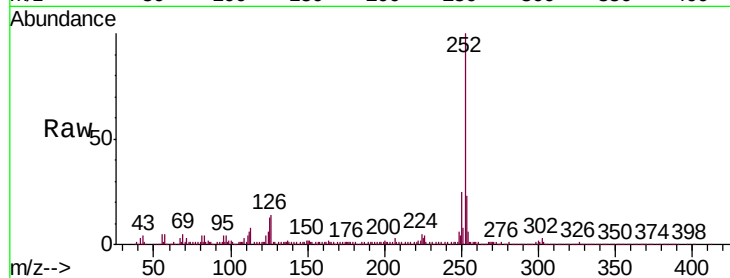




#88
Benzo(b)fluoranthene
Concen: 29.036 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115654.D
Acq: 18 Jul 2019 18:18

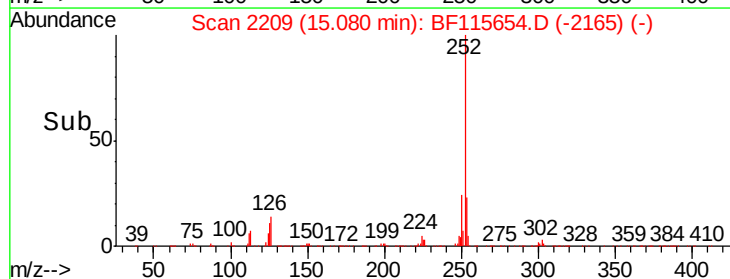
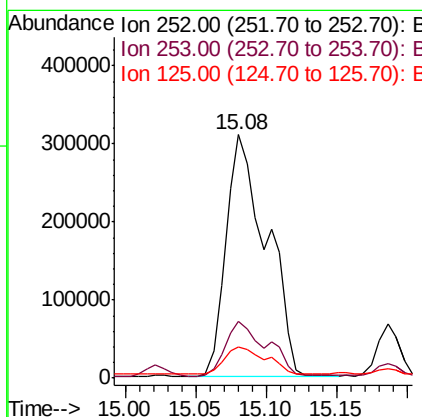
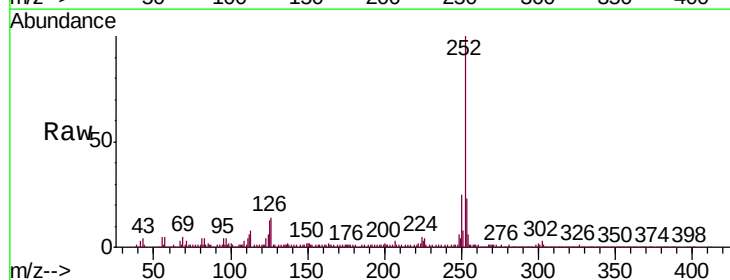
Instrument :
BNA_F
ClientSampleId :
HJDC-S1

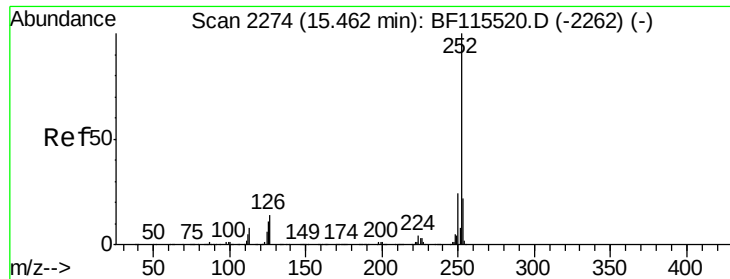
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	12.7	9.0	13.4



#89
Benzo(k)fluoranthene
Concen: 32.568 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.04 min
Lab File: BF115654.D
Acq: 18 Jul 2019 18:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	28.0
125	12.7	9.0	13.6





#90

Benzo(a)pyrene

Concen: 17.395 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.02 min

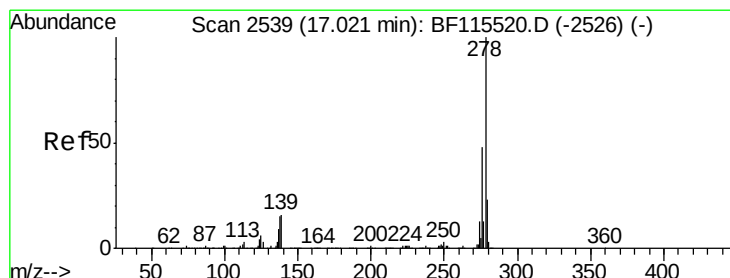
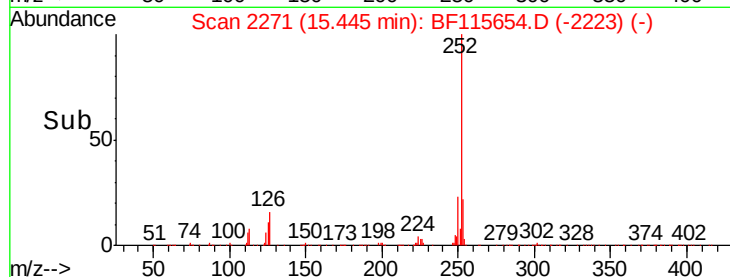
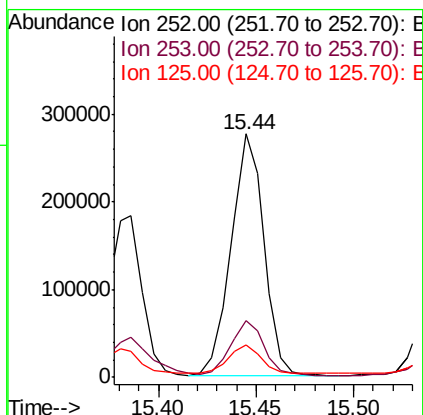
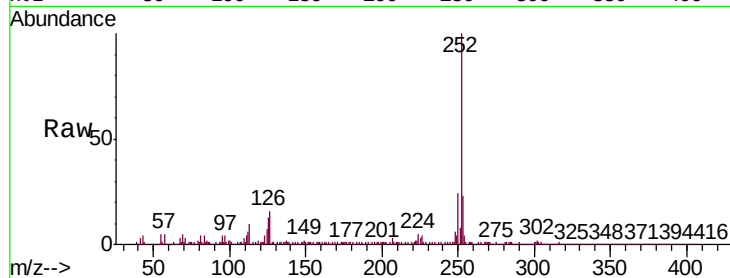
Lab File: BF115654.D

Acq: 18 Jul 2019 18:18

Instrument :
BNA_F
ClientSampleId :
HJDC-S1

Tgt Ion: 252 Resp: 321267

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	13.2	9.1	13.7



#91

Dibenzo(a,h)anthracene

Concen: 2.645 ng

RT: 16.99 min Scan# 2533

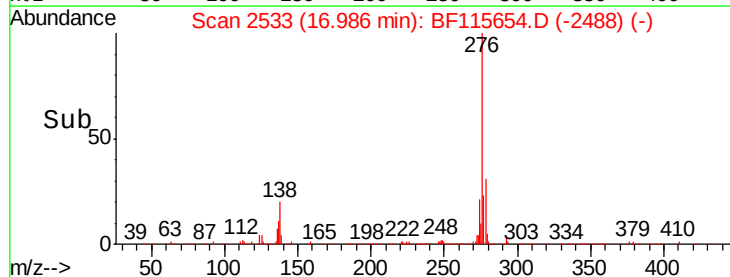
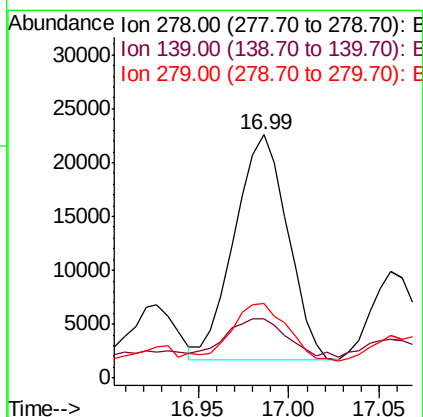
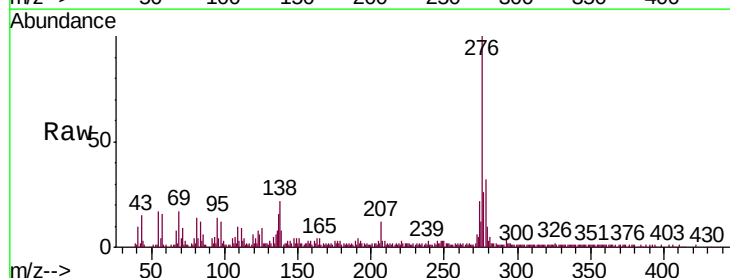
Delta R.T. -0.04 min

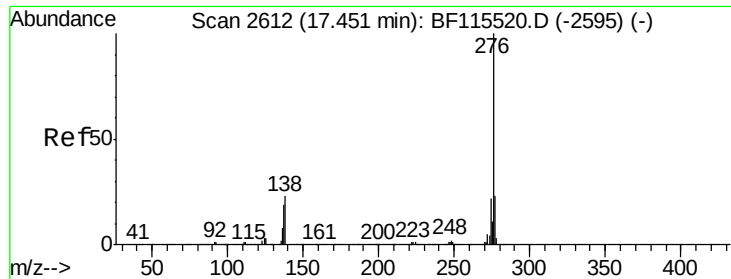
Lab File: BF115654.D

Acq: 18 Jul 2019 18:18

Tgt Ion: 278 Resp: 42888

Ion	Ratio	Lower	Upper
278	100		
139	24.2	13.1	19.7#
279	30.5	19.6	29.4#

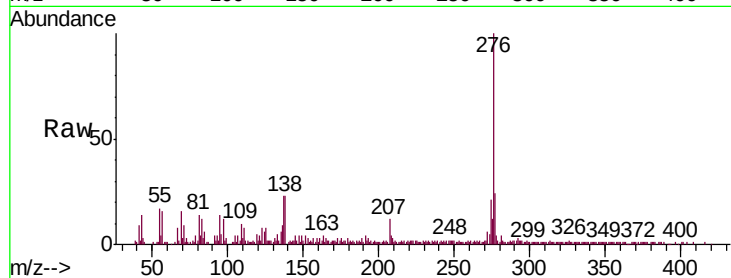




#92
 Benzo(g,h,i)perylene
 Concen: 8.538 ng
 RT: 17.43 min Scan# 2608
 Delta R.T. -0.02 min
 Lab File: BF115654.D
 Acq: 18 Jul 2019 18:18

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-S1

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	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

