

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121118\
 Data File : BF111295.D
 Acq On : 12 Dec 2018 00:12
 Operator : JU/SJ
 Sample : J6148-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-MH-J

Quant Time: Dec 12 01:14:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	267201	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1053101	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	473857	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	760300	20.00	ng	0.00
76) Chrysene-d12	13.96	240	522667	20.00	ng	0.00
87) Perylene-d12	15.40	264	531844	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	1557202	92.03	ng	0.00
7) Phenol-d6	6.43	99	1981491	94.23	ng	0.00
23) Nitrobenzene-d5	7.35	82	1253123	66.74	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	371547	88.52	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1890127	64.30	ng	0.00
79) Terphenyl-d14	12.90	244	1354288	62.15	ng	0.00

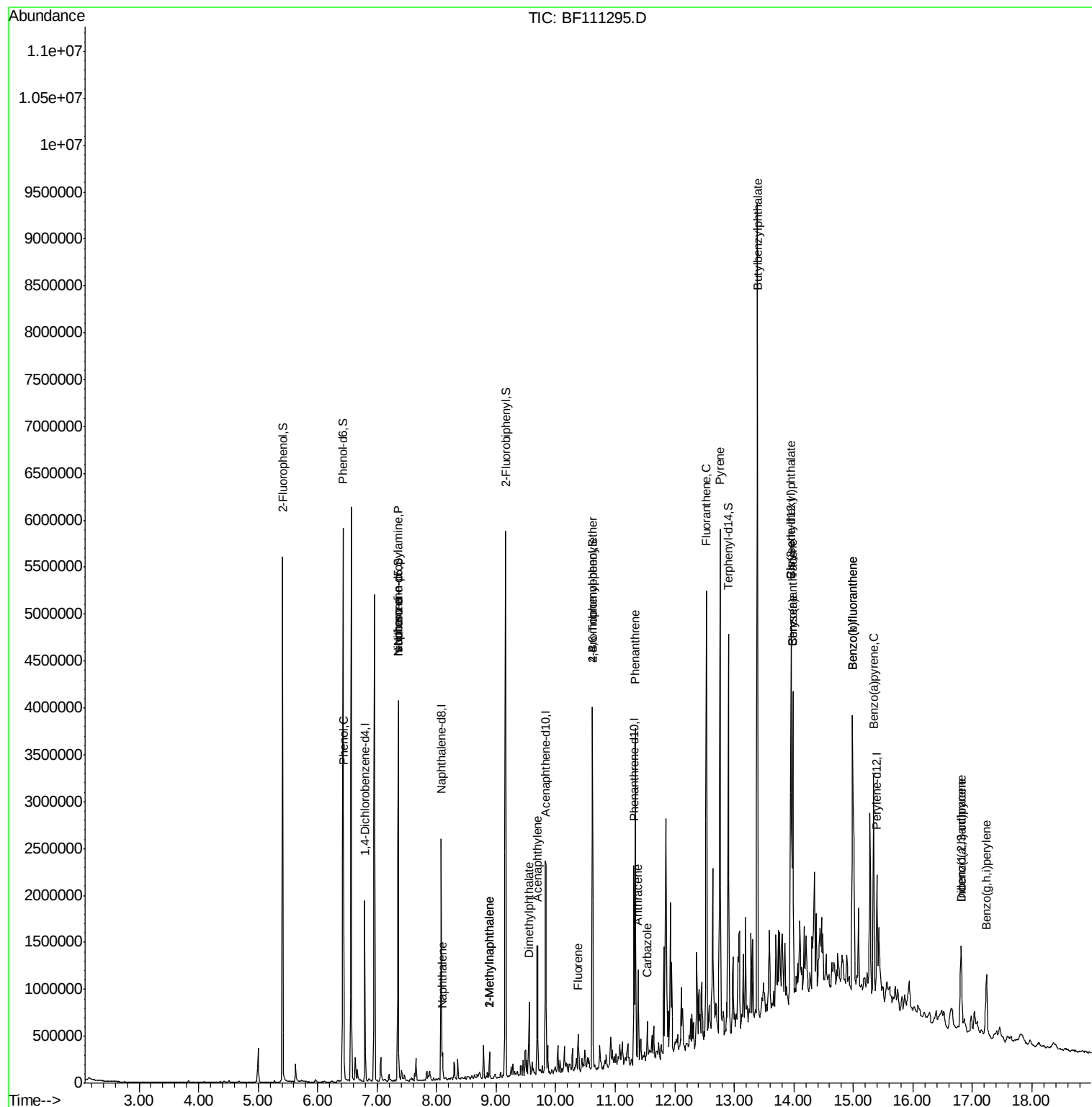
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.34	77	3351	Below Cal		90
10) Phenol	6.44	94	167872	6.827 ng		90
19) n-Nitroso-di-n-propylamine	7.35	70	161828	11.488 ng	#	80
25) Isophorone	7.35	82	1241515	38.823 ng	#	64
31) Naphthalene	8.10	128	109264	2.377 ng		96
37) 2-Methylnaphthalene	8.89	142	64976	2.129 ng		97
38) 1-Methylnaphthalene	8.89	142	64976	2.174 ng	#	98
46) 1,1'-Biphenyl	9.25	154	20495	Below Cal		92
49) Acenaphthylene	9.69	152	610093	13.554 ng		94
50) Dimethylphthalate	9.55	163	159400	4.559 ng		99
58) Fluorene	10.37	166	120182	4.041 ng		92
67) 4-Bromophenyl-phenylether	10.62	248	24555	2.949 ng	#	1
71) Phenanthrene	11.34	178	1206450	31.460 ng		95
72) Anthracene	11.39	178	351065	8.750 ng		94
73) Carbazole	11.54	167	150778	3.594 ng		96
75) Fluoranthene	12.53	202	1969703	56.227 ng		99
78) Pyrene	12.76	202	2351410	62.956 ng		98
80) Butylbenzylphthalate	13.39	149	2051494	105.158 ng		99
81) Benzo(a)anthracene	13.99	228	1324497	45.423 ng		96
83) Chrysene	13.99	228	1324497	44.060 ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	115745	4.993 ng		99
86) Indeno(1,2,3-cd)pyrene	16.81	276	568699	23.436 ng	#	91
88) Benzo(b)fluoranthene	14.99	252	2246050	76.365 ng		98
89) Benzo(k)fluoranthene	14.99	252	2246050	81.223 ng		97
90) Benzo(a)pyrene	15.34	252	1099099	40.580 ng		98
91) Dibenzo(a,h)anthracene	16.82	278	152734	7.179 ng		96
92) Benzo(g,h,i)perylene	17.24	276	512690	24.075 ng		95

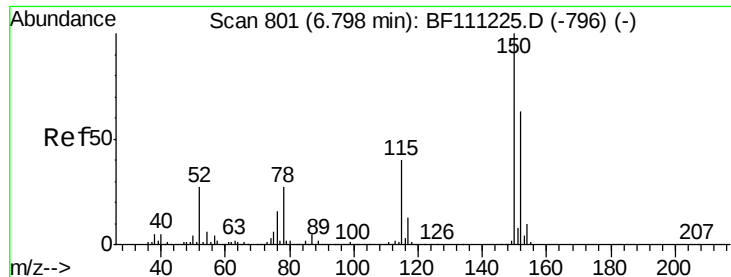
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121118\
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ALS Vial : 14 Sample Multiplier: 1

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Quant Time: Dec 12 01:14:37 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF111295.D

Acq: 12 Dec 2018 00:12

Instrument :

BNA_F

ClientSampleId :

TP-MH-J

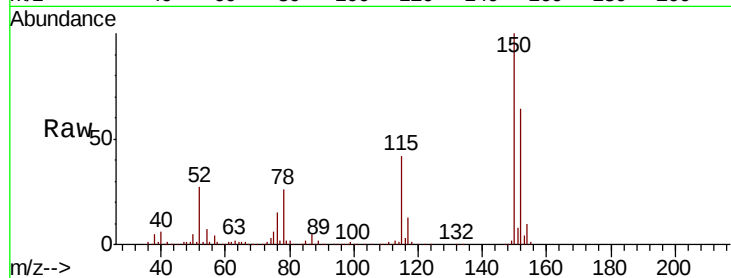
Tgt Ion:152 Resp: 267201

Ion Ratio Lower Upper

152 100

150 157.0 126.6 189.8

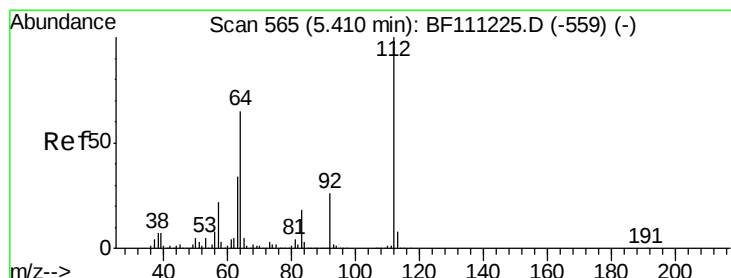
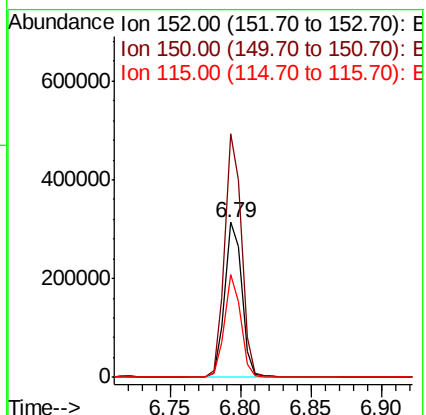
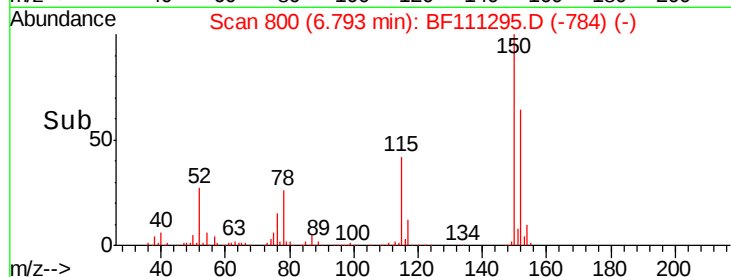
115 65.9 50.7 76.1



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: 92.025 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF111295.D

Acq: 12 Dec 2018 00:12

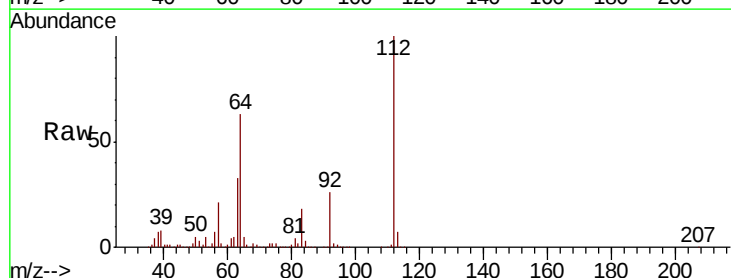
Tgt Ion:112 Resp: 1557202

Ion Ratio Lower Upper

112 100

64 63.0 51.8 77.6

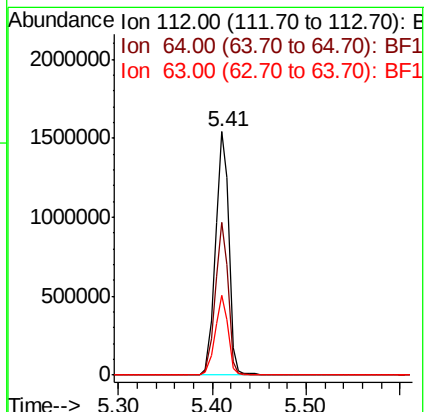
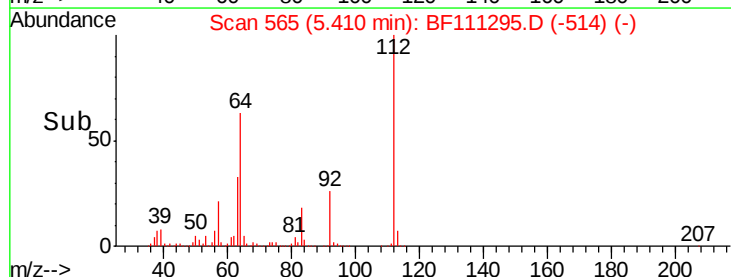
63 32.5 26.8 40.2

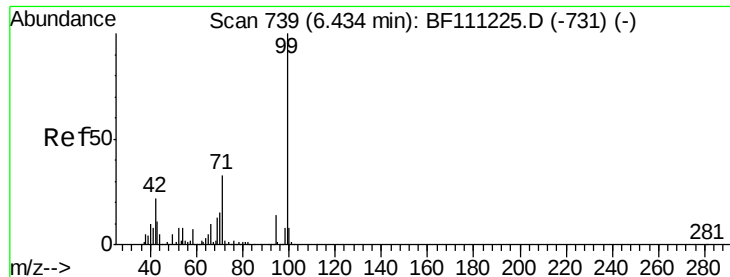


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 94.226 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111295.D

Acq: 12 Dec 2018 00:12

Instrument :

BNA_F

ClientSampleId :

TP-MH-J

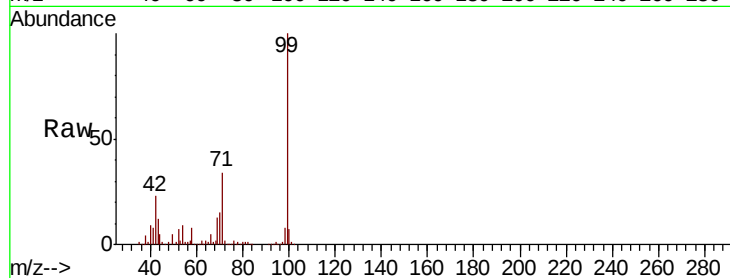
Tgt Ion: 99 Resp: 1981491

Ion Ratio Lower Upper

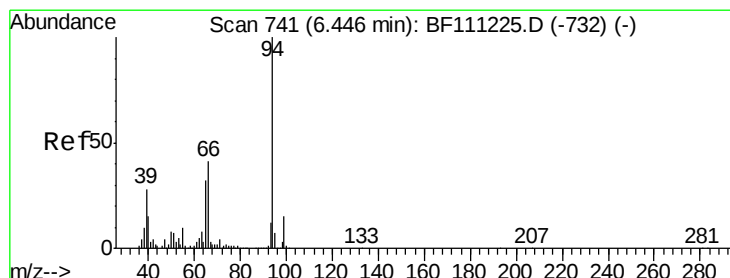
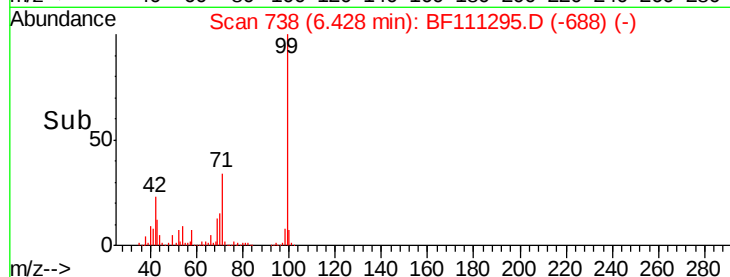
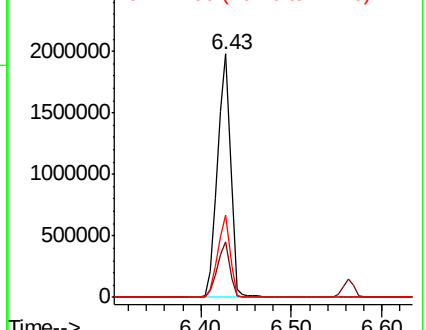
99 100

42 22.6 17.4 26.0

71 33.9 26.1 39.1



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



#10

Phenol

Concen: 6.827 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111295.D

Acq: 12 Dec 2018 00:12

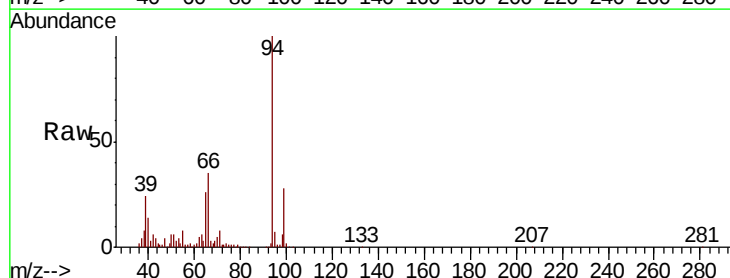
Tgt Ion: 94 Resp: 167872

Ion Ratio Lower Upper

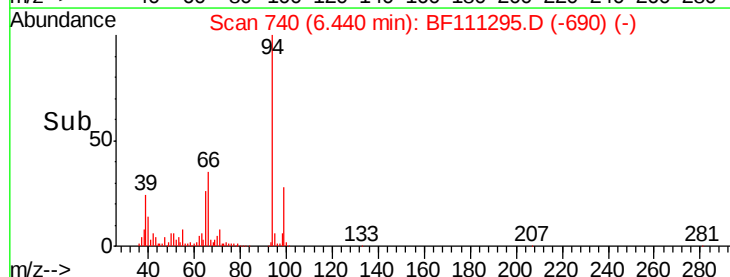
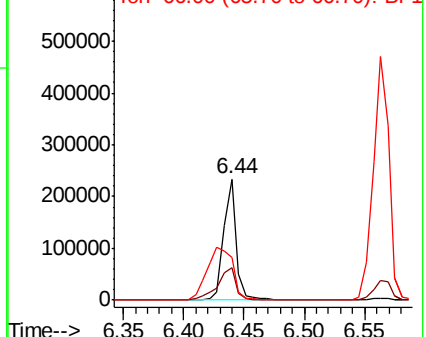
94 100

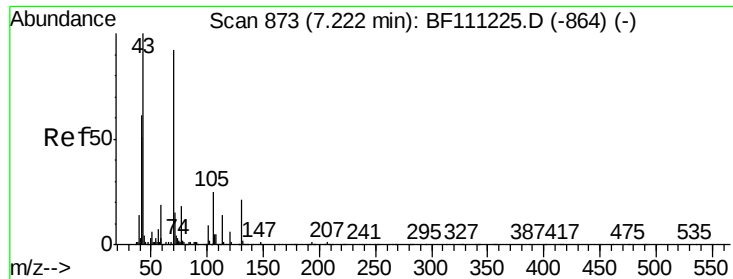
65 26.2 11.7 51.7

66 35.2 21.0 61.0



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

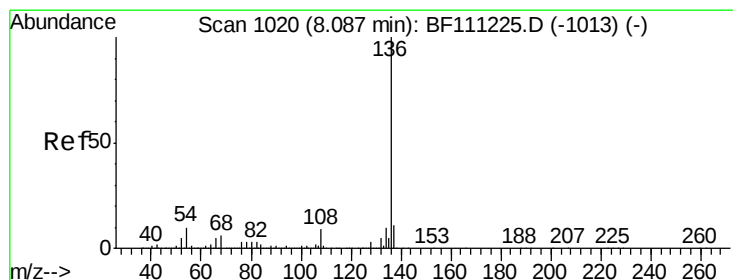
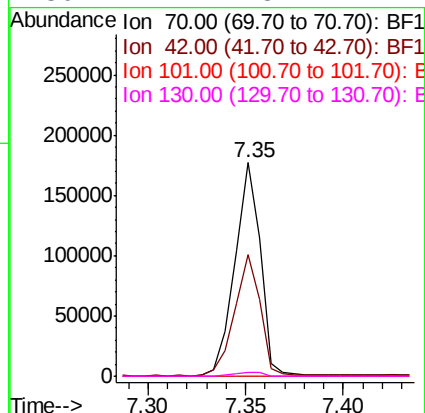
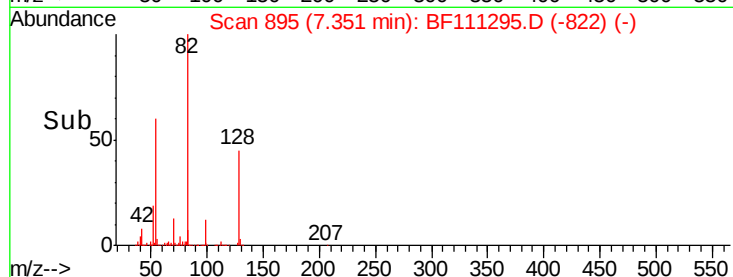
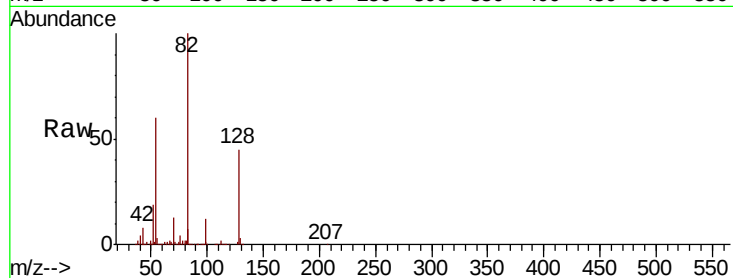




#19
n-Nitroso-di-n-propylamine
Concen: 11.488 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.13 min
Lab File: BF111295.D
Acq: 12 Dec 2018 00:12

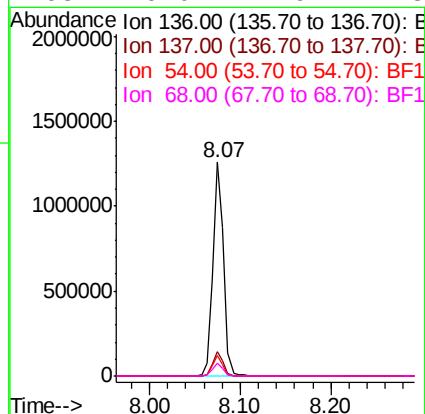
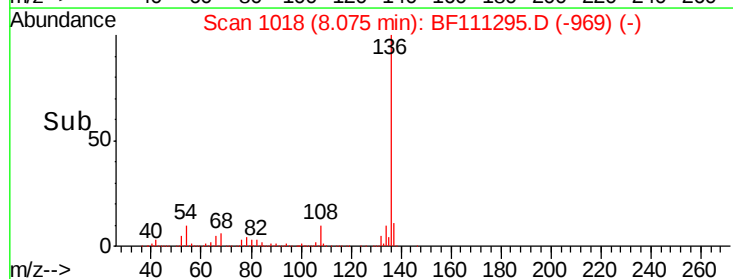
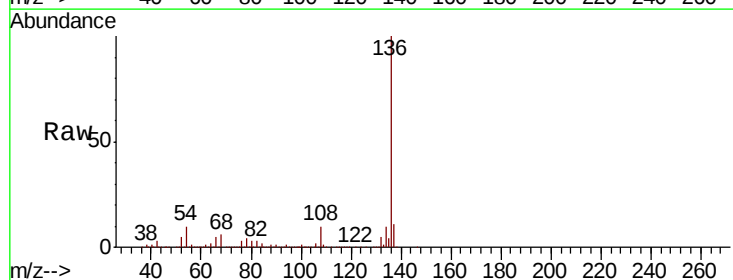
Instrument :
BNA_F
ClientSampled :
TP-MH-J

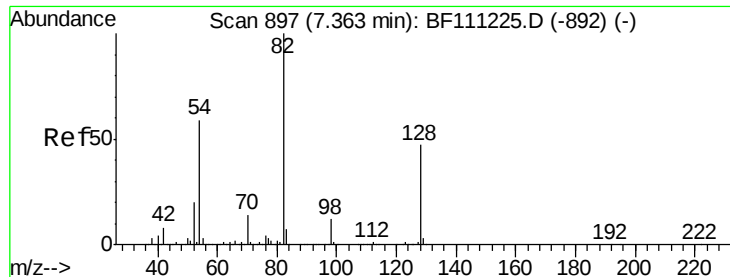
Tgt Ion: 70 Resp: 161828
Ion Ratio Lower Upper
70 100
42 57.1 53.2 79.8
101 0.0 8.2 12.4#
130 2.1 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111295.D
Acq: 12 Dec 2018 00:12

Tgt Ion: 136 Resp: 1053101
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 9.7 7.7 11.5
68 6.0 4.9 7.3

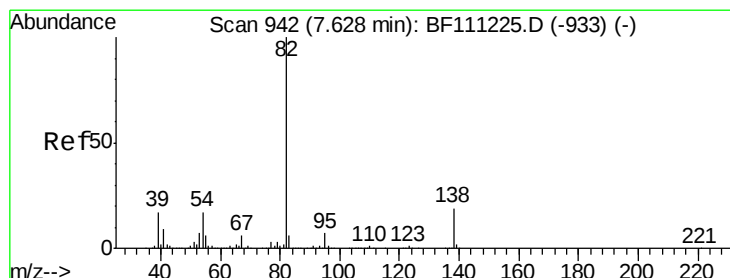
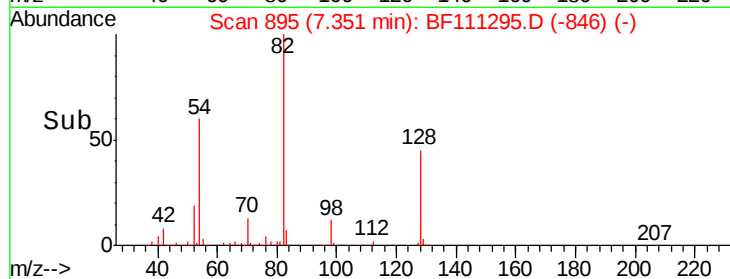
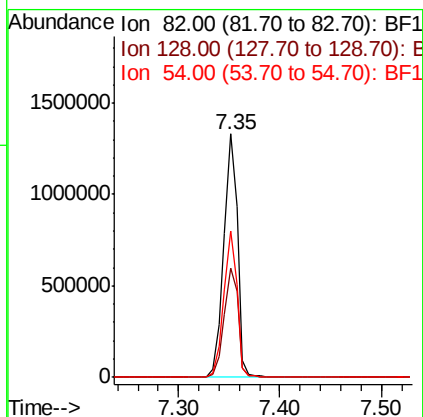
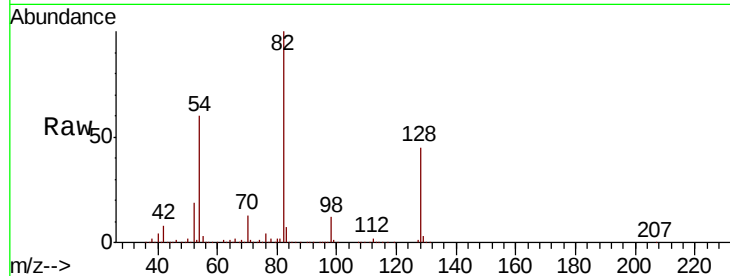




#23
Nitrobenzene-d5
Concen: 66.742 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111295.D
Acq: 12 Dec 2018 00:12

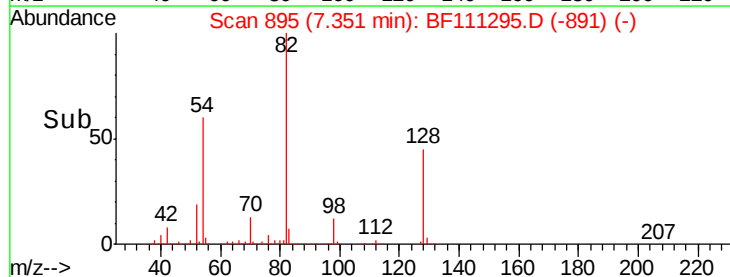
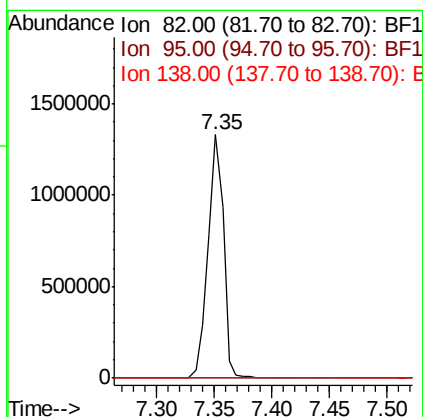
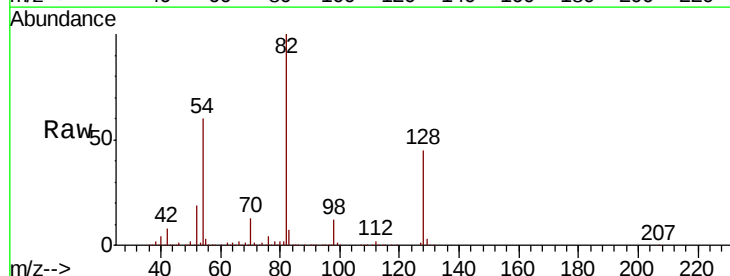
Instrument :
BNA_F
ClientSampleId :
TP-MH-J

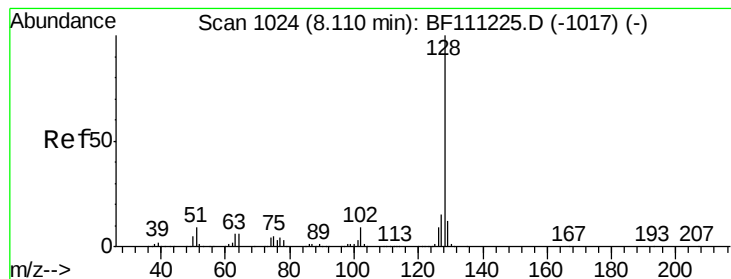
Tgt Ion: 82 Resp: 1253123
Ion Ratio Lower Upper
82 100
128 45.1 37.4 56.2
54 60.4 47.6 71.4



#25
Isophorone
Concen: 38.823 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.28 min
Lab File: BF111295.D
Acq: 12 Dec 2018 00:12

Tgt Ion: 82 Resp: 1241515
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#





#31

Naphthalene

Concen: 2.377 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF111295.D

Acq: 12 Dec 2018 00:12

Instrument :

BNA_F

ClientSampleId :

TP-MH-J

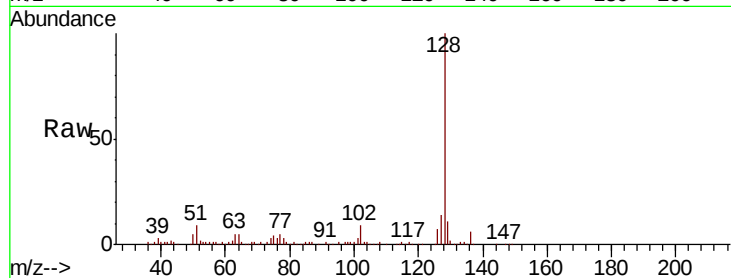
Tgt Ion:128 Resp: 109264

Ion Ratio Lower Upper

128 100

129 10.8 9.8 14.8

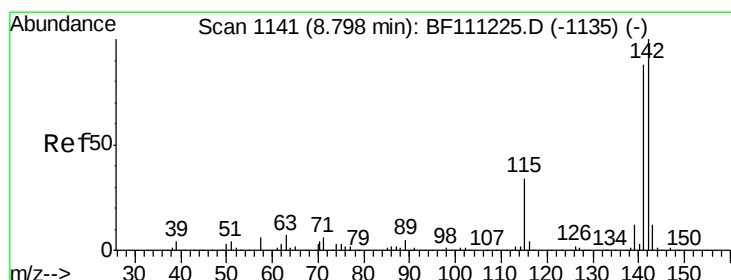
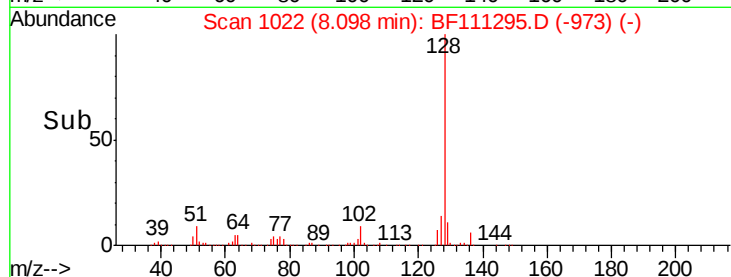
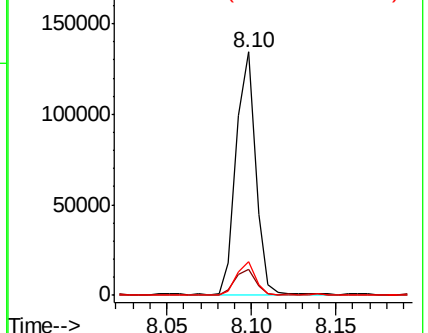
127 13.6 12.0 18.0



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: 2.129 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.09 min

Lab File: BF111295.D

Acq: 12 Dec 2018 00:12

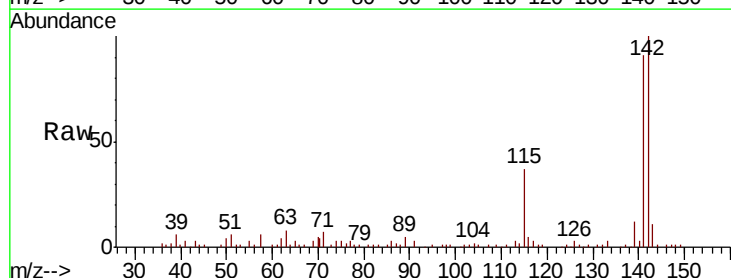
Tgt Ion:142 Resp: 64976

Ion Ratio Lower Upper

142 100

141 90.9 70.6 105.8

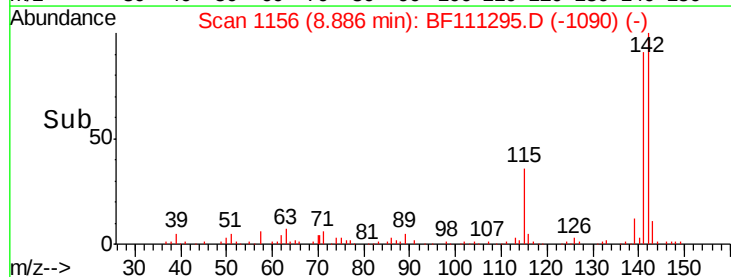
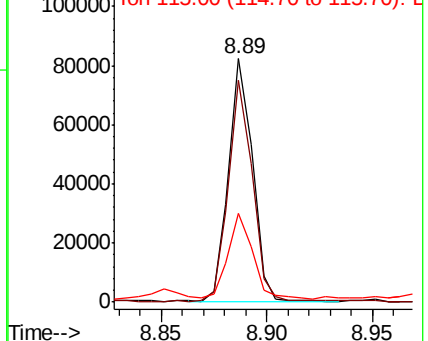
115 36.6 27.0 40.6

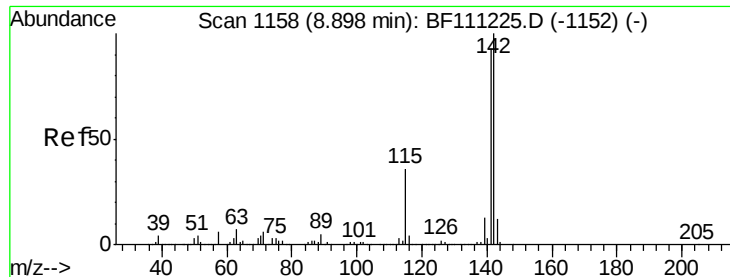


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

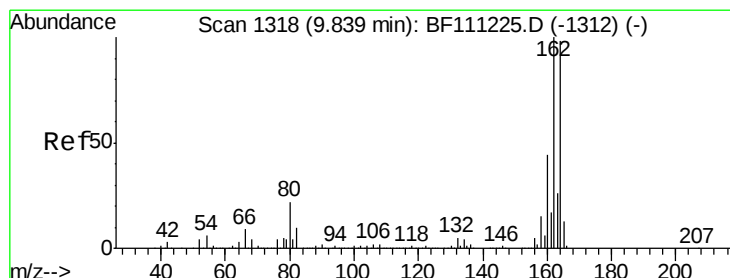
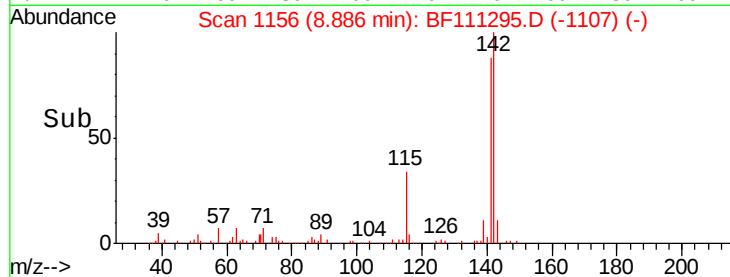
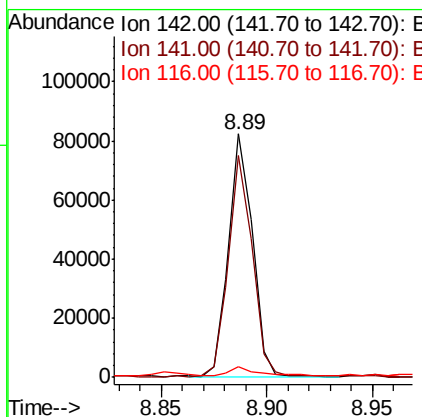
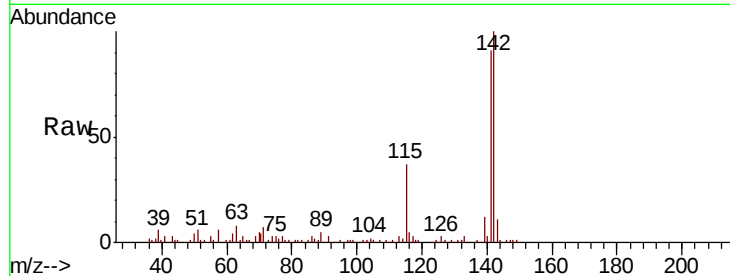




#38
 1-Methylnaphthalene
 Concen: 2.174 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF111295.D
 Acq: 12 Dec 2018 00:12

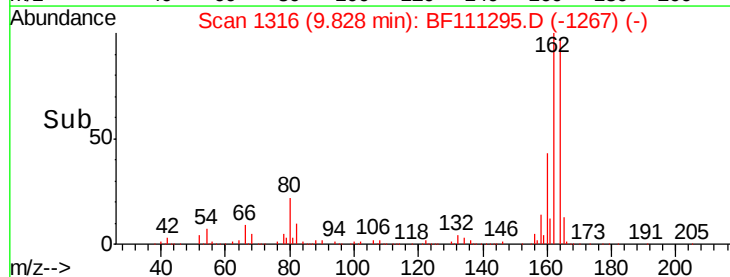
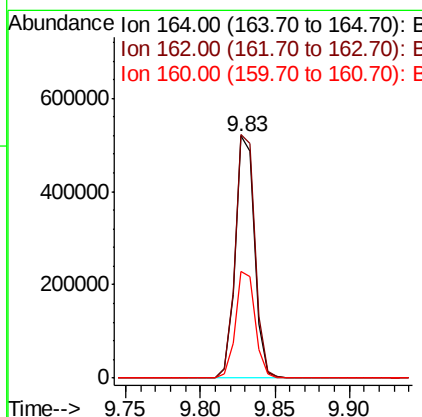
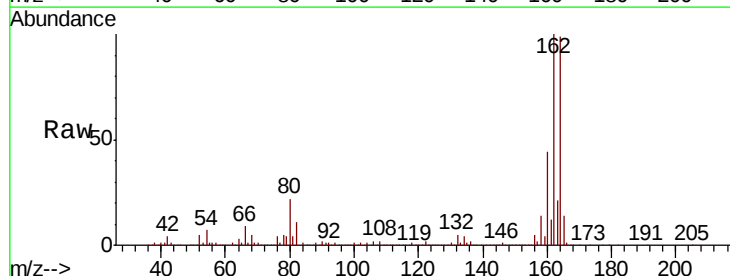
Instrument :
 BNA_F
 ClientSampleId :
 TP-MH-J

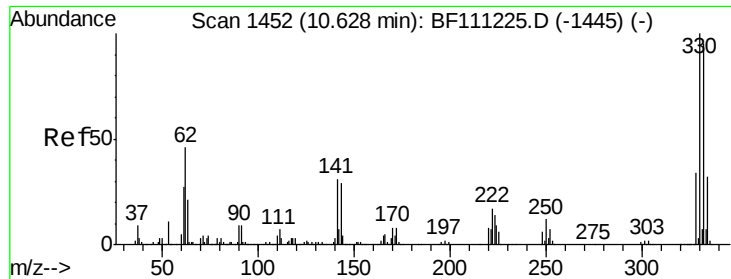
Tgt Ion:142 Resp: 64976
 Ion Ratio Lower Upper
 142 100
 141 90.9 74.2 111.4
 116 4.6 2.9 4.3#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF111295.D
 Acq: 12 Dec 2018 00:12

Tgt Ion:164 Resp: 473857
 Ion Ratio Lower Upper
 164 100
 162 100.6 81.4 122.0
 160 43.9 35.7 53.5

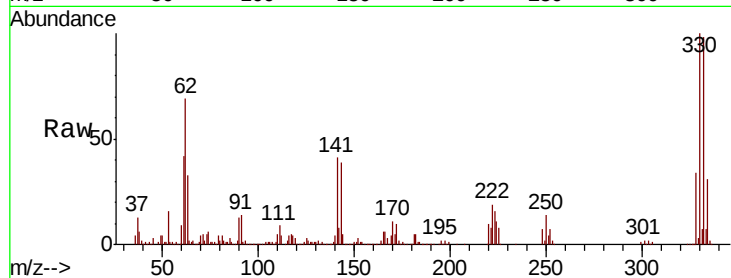




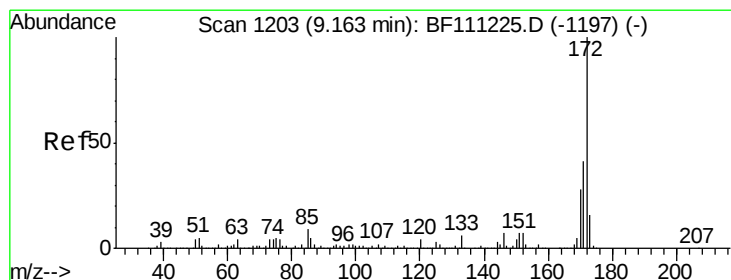
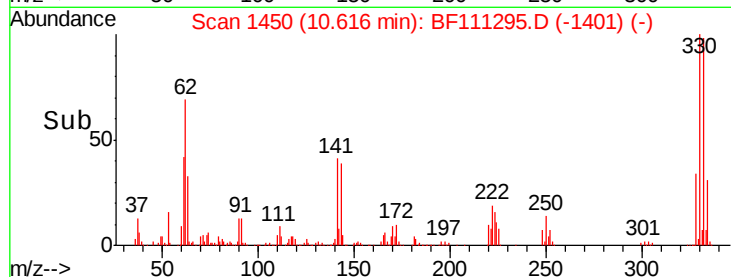
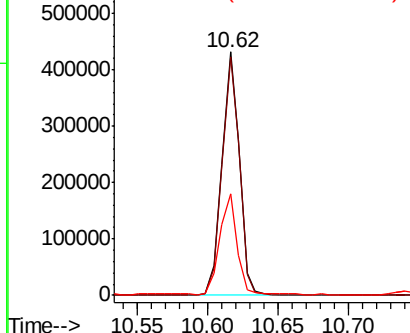
#42
 2,4,6-Tribromophenol
 Concen: 88.517 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111295.D
 Acq: 12 Dec 2018 00:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-MH-J

Tgt Ion:330 Resp: 371547
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.0 114.0
 141 40.3 31.0 46.6

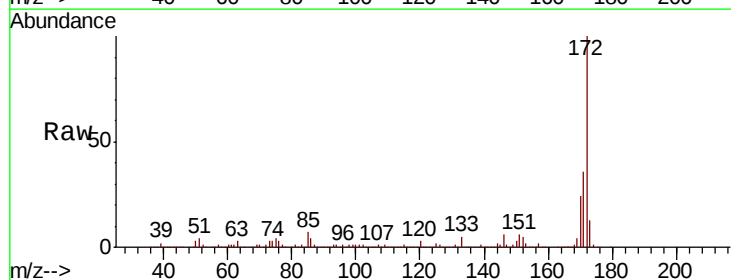


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

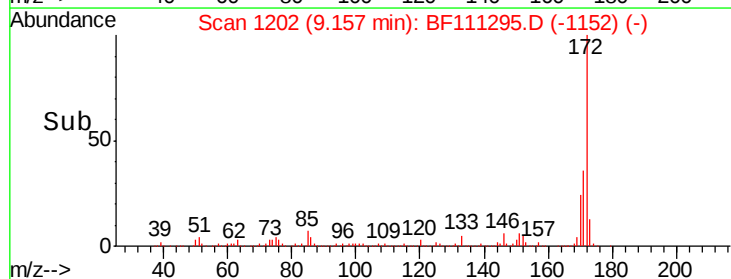
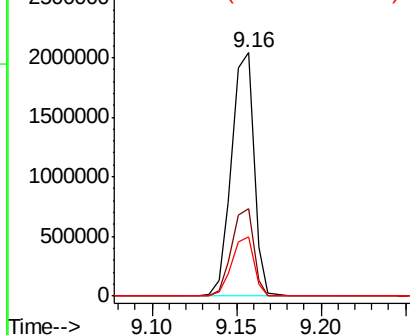


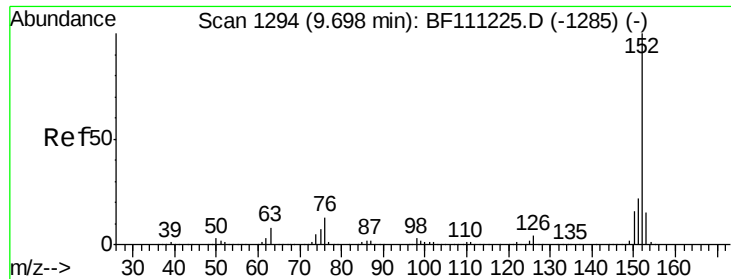
#45
 2-Fluorobiphenyl
 Concen: 64.300 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF111295.D
 Acq: 12 Dec 2018 00:12

Tgt Ion:172 Resp: 1890127
 Ion Ratio Lower Upper
 172 100
 171 36.1 33.0 49.4
 170 24.1 22.3 33.5



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: 13.554 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF111295.D

Acq: 12 Dec 2018 00:12

Instrument :

BNA_F

ClientSampleId :

TP-MH-J

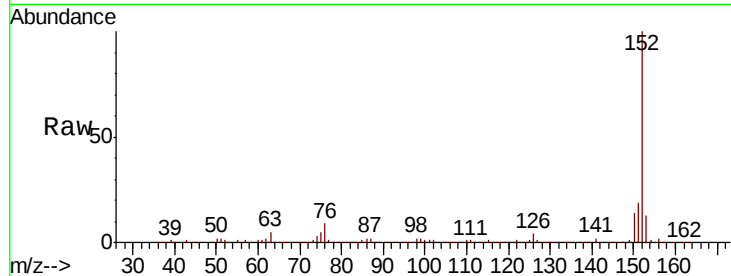
Tgt Ion:152 Resp: 610093

Ion Ratio Lower Upper

152 100

151 19.5 18.0 27.0

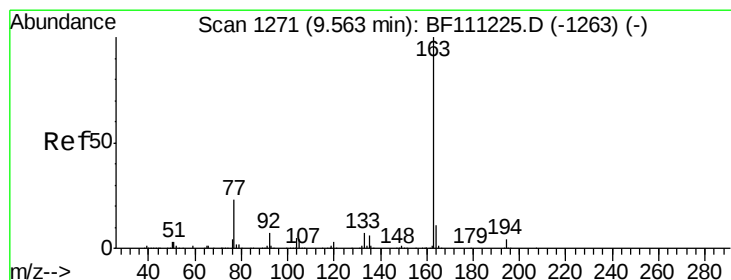
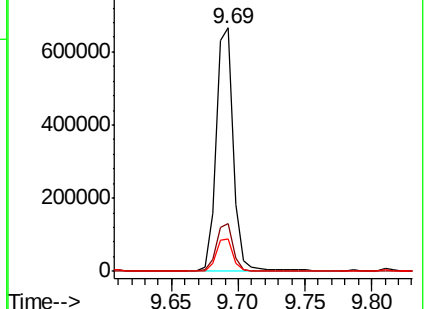
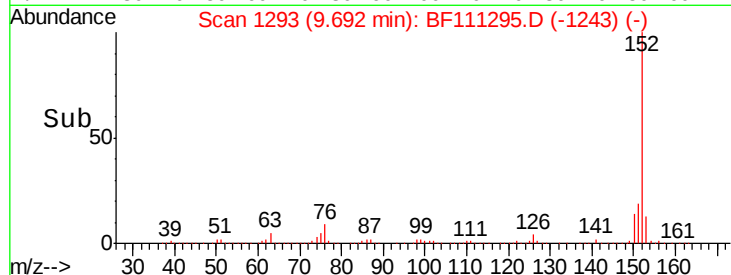
153 13.2 12.3 18.5



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: 4.559 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF111295.D

Acq: 12 Dec 2018 00:12

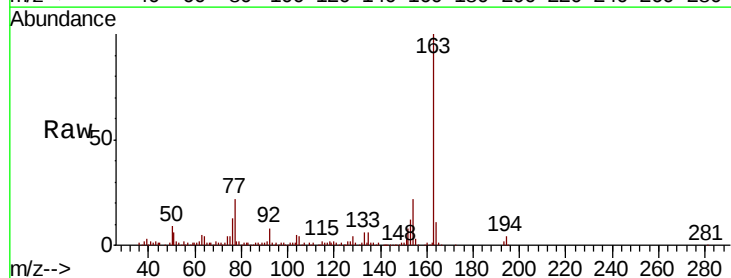
Tgt Ion:163 Resp: 159400

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

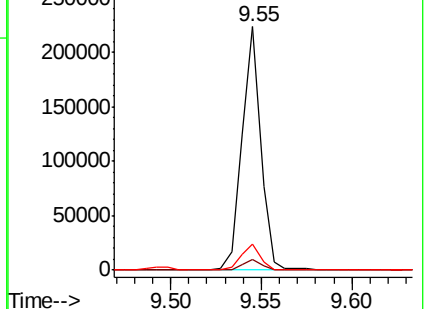
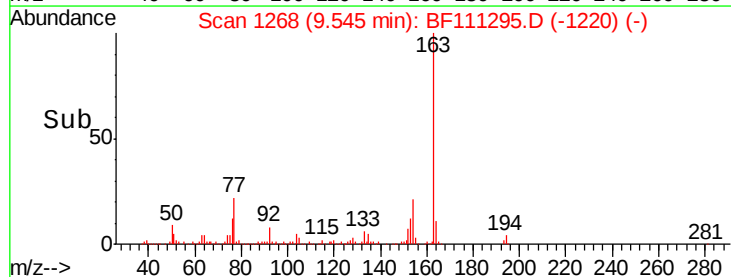
164 10.8 8.9 13.3

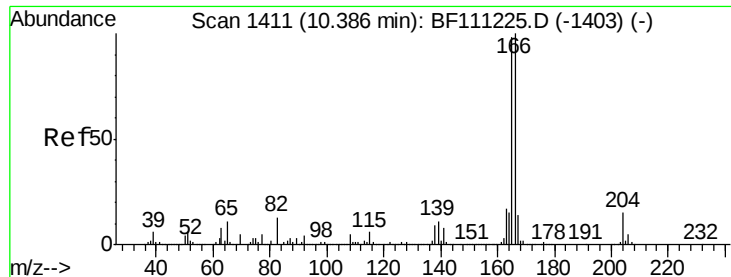


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#58

Fluorene

Concen: 4.041 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF111295.D

Acq: 12 Dec 2018 00:12

Instrument :

BNA_F

ClientSampleId :

TP-MH-J

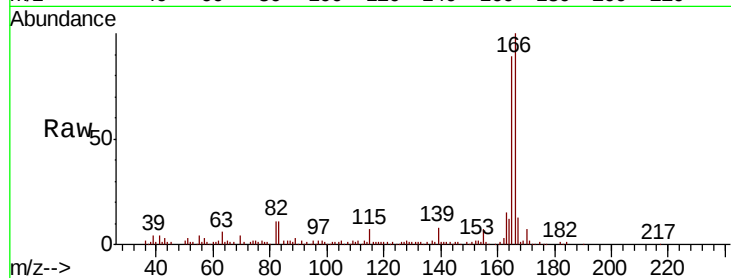
Tgt Ion:166 Resp: 120182

Ion Ratio Lower Upper

166 100

165 89.4 78.4 117.6

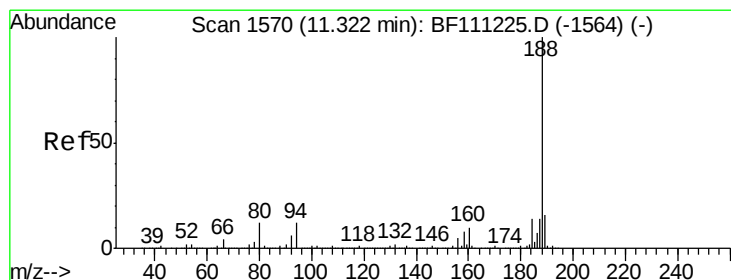
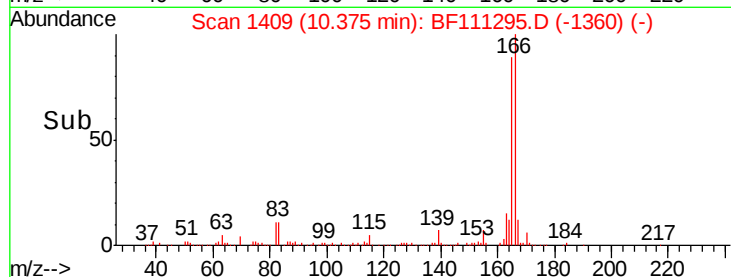
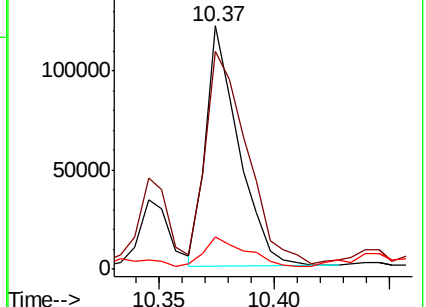
167 13.4 11.2 16.8



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: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF111295.D

Acq: 12 Dec 2018 00:12

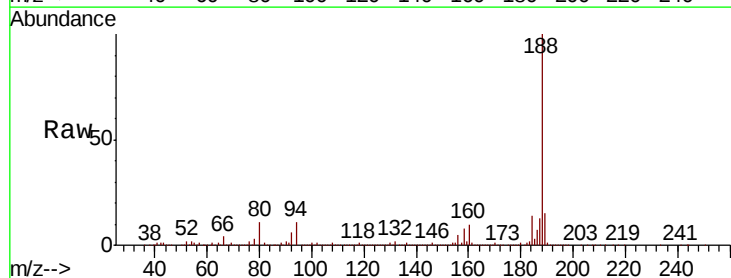
Tgt Ion:188 Resp: 760300

Ion Ratio Lower Upper

188 100

94 10.5 9.6 14.4

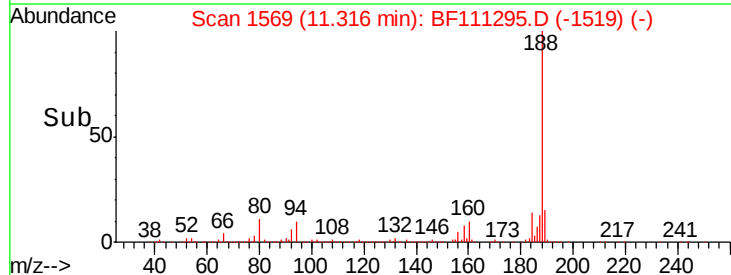
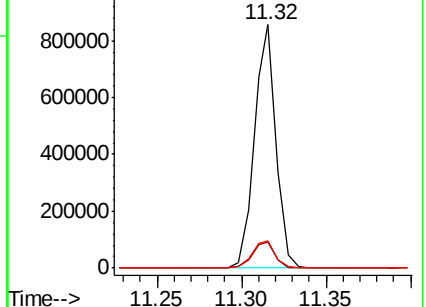
80 11.0 9.8 14.6

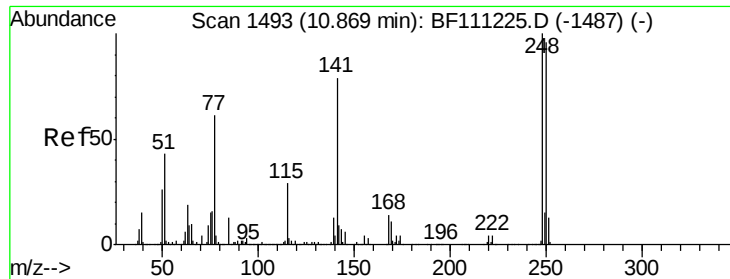


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

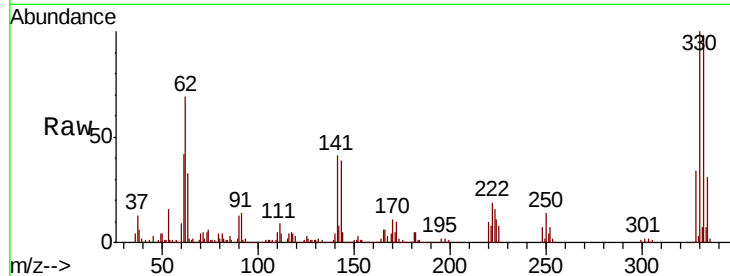




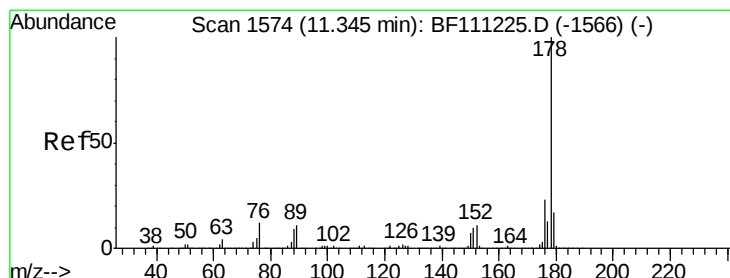
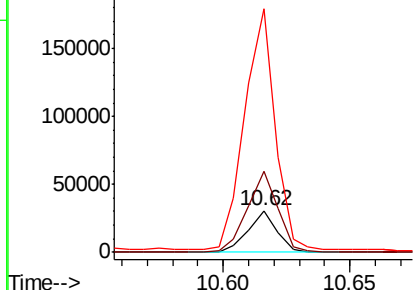
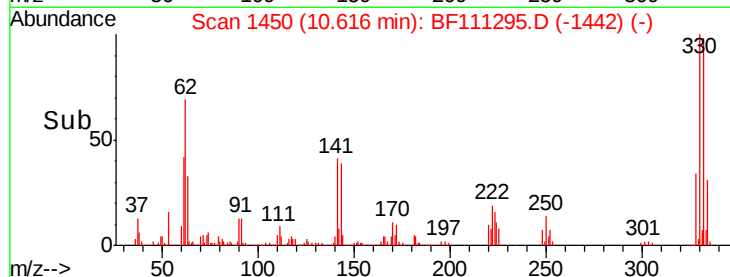
#67
 4-Bromophenyl-phenylether
 Concen: 2.949 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF111295.D
 Acq: 12 Dec 2018 00:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-MH-J

Tgt Ion:248 Resp: 24555
 Ion Ratio Lower Upper
 248 100
 250 193.6 77.0 115.4#
 141 583.6 63.0 94.6#

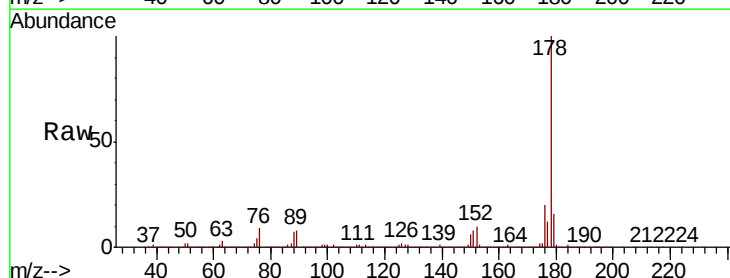


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

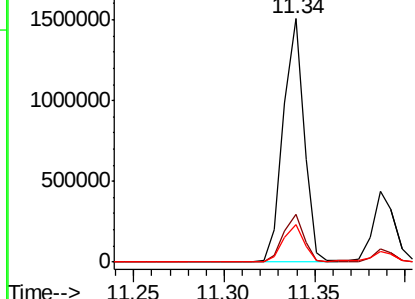
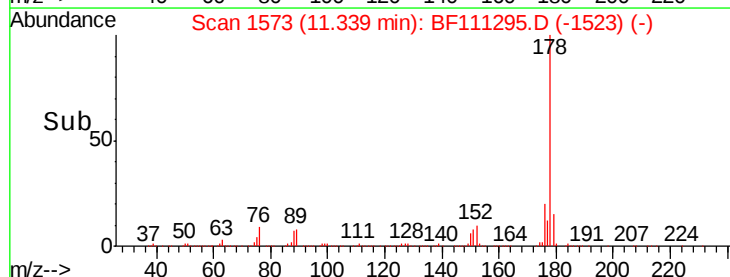


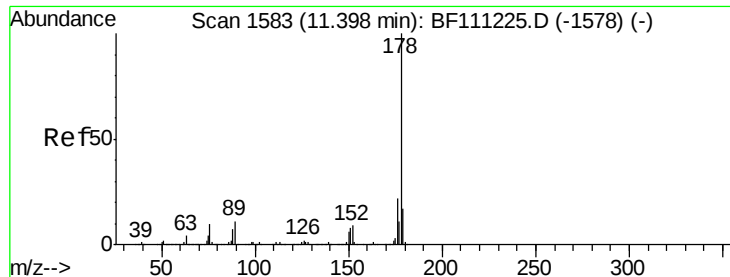
#71
 Phenanthrene
 Concen: 31.460 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF111295.D
 Acq: 12 Dec 2018 00:12

Tgt Ion:178 Resp: 1206450
 Ion Ratio Lower Upper
 178 100
 176 19.7 18.1 27.1
 179 15.6 14.0 21.0



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: 8.750 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF111295.D

Acq: 12 Dec 2018 00:12

Instrument :

BNA_F

ClientSampleId :

TP-MH-J

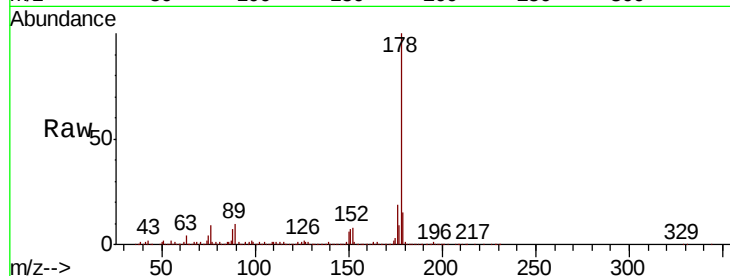
Tgt Ion:178 Resp: 351065

Ion Ratio Lower Upper

178 100

176 18.8 17.2 25.8

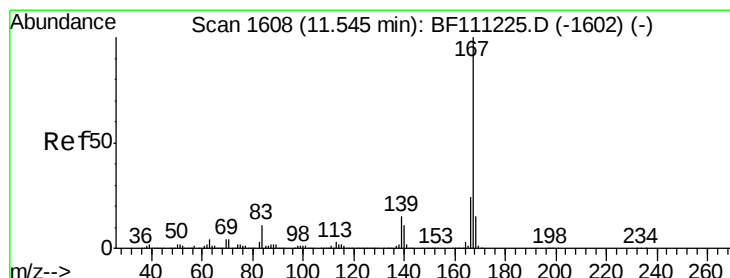
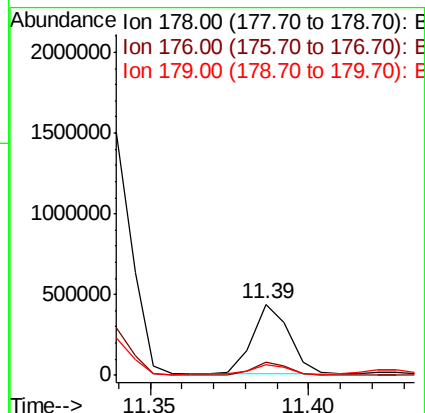
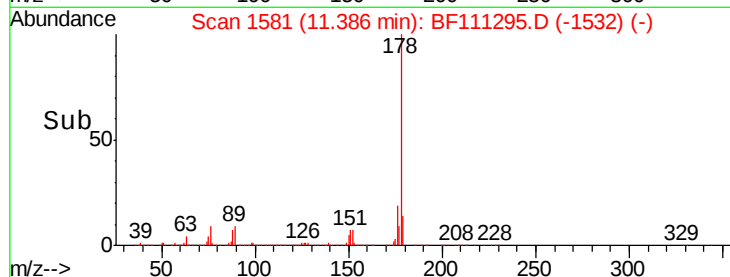
179 15.0 13.8 20.8



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: 3.594 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF111295.D

Acq: 12 Dec 2018 00:12

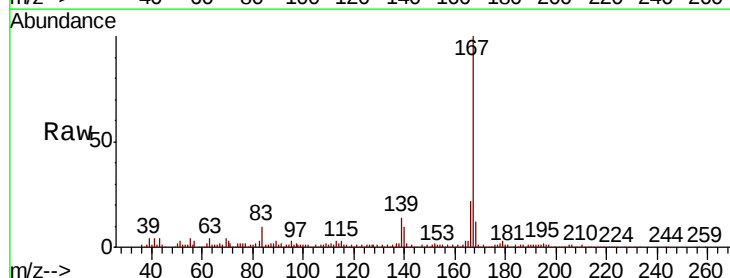
Tgt Ion:167 Resp: 150778

Ion Ratio Lower Upper

167 100

166 21.6 19.3 28.9

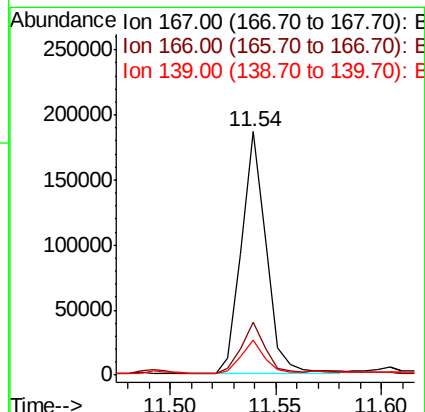
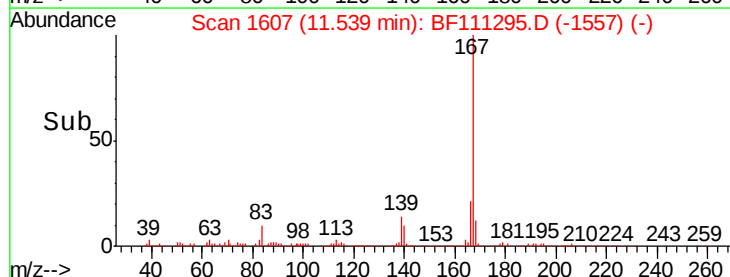
139 14.1 11.9 17.9

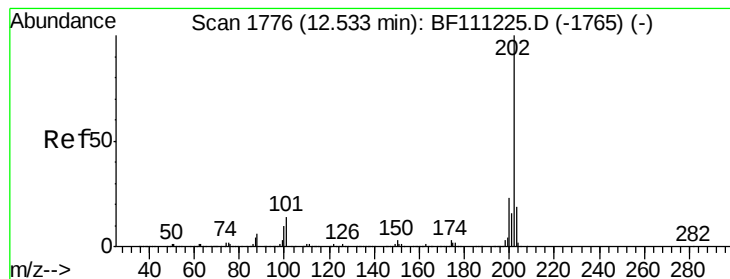


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 56.227 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF111295.D

Acq: 12 Dec 2018 00:12

Instrument :

BNA_F

ClientSampled :

TP-MH-J

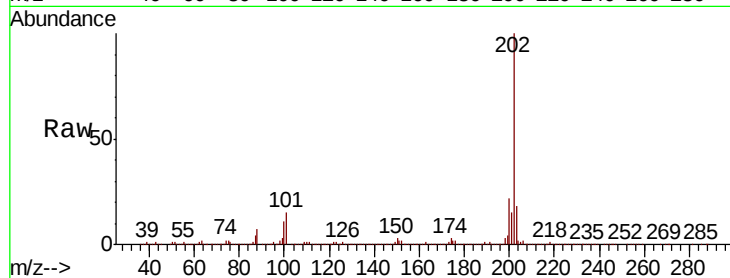
Tgt Ion:202 Resp: 1969703

Ion Ratio Lower Upper

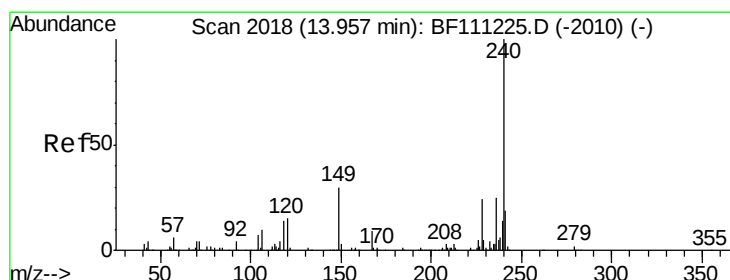
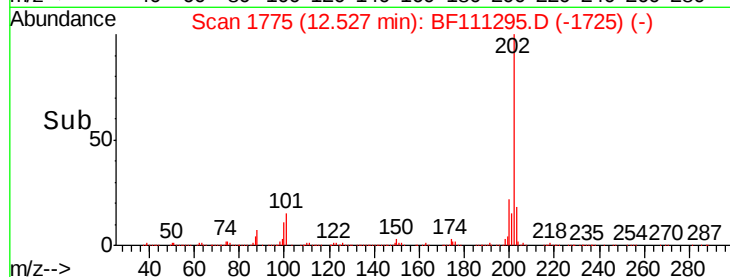
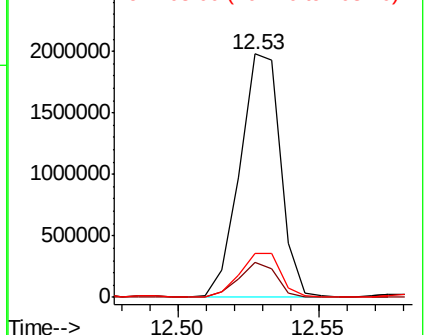
202 100

101 14.6 0.0 33.8

203 18.2 0.0 38.6



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: 13.96 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BF111295.D

Acq: 12 Dec 2018 00:12

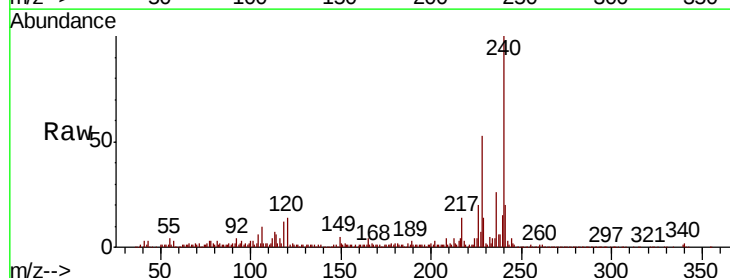
Tgt Ion:240 Resp: 522667

Ion Ratio Lower Upper

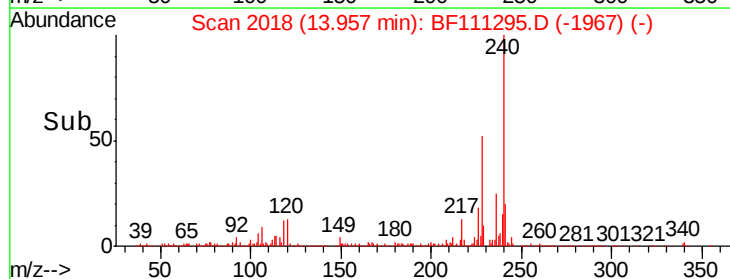
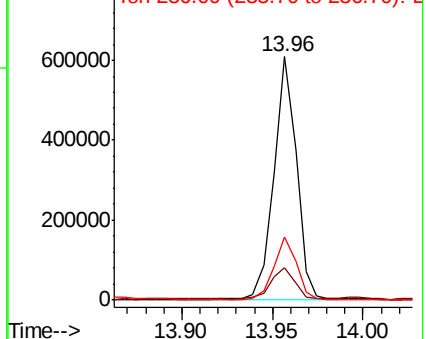
240 100

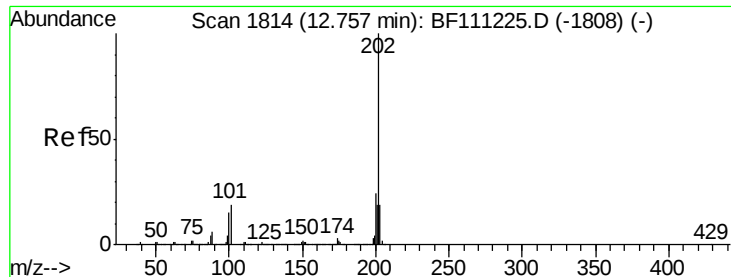
120 13.6 12.2 18.2

236 25.7 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

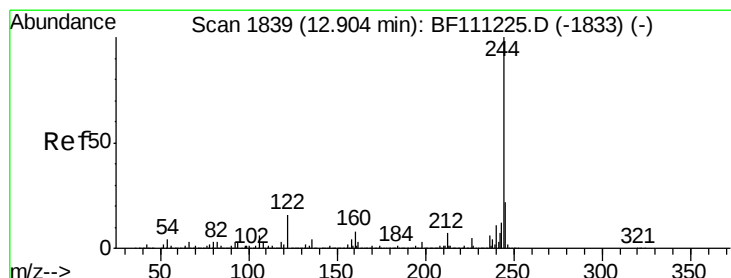
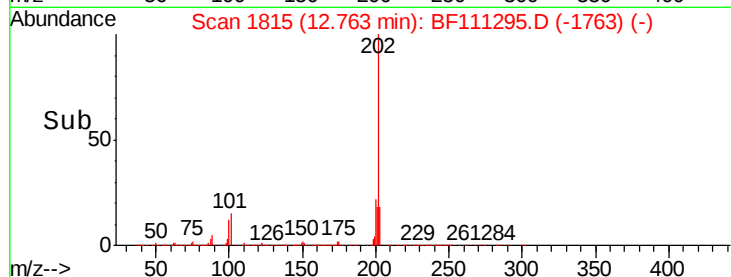
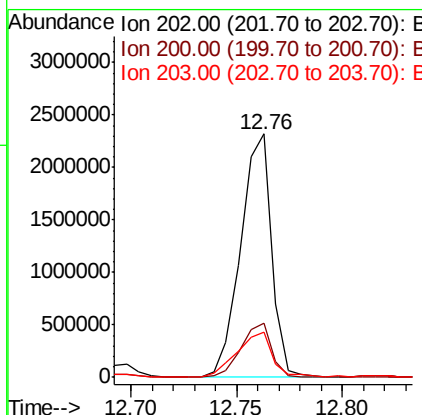
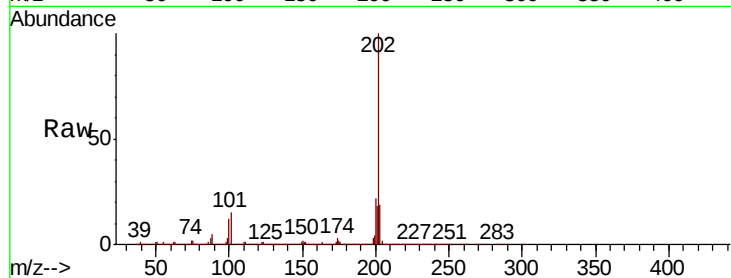




#78
 Pyrene
 Concen: 62.956 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. 0.01 min
 Lab File: BF111295.D
 Acq: 12 Dec 2018 00:12

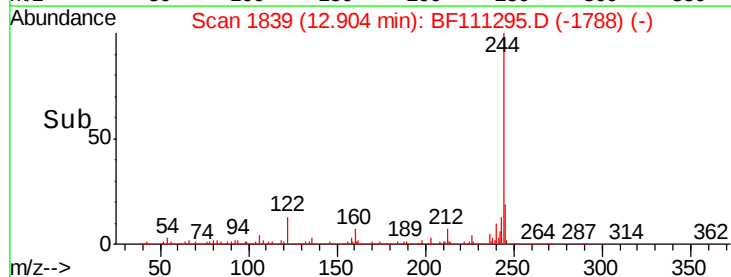
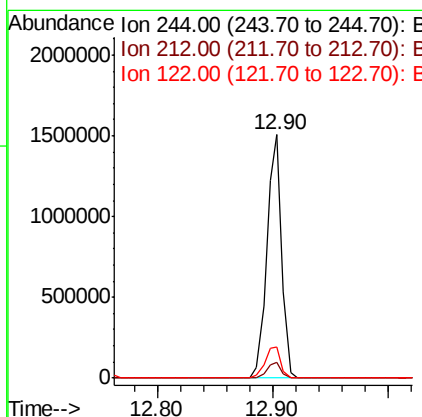
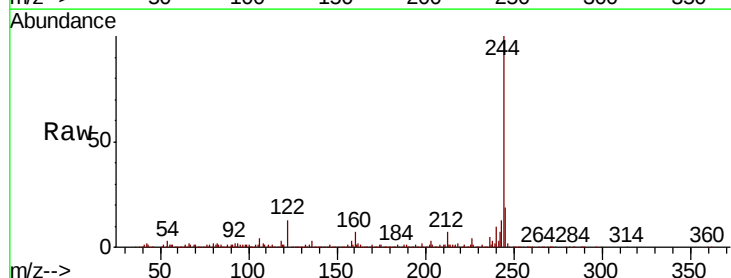
Instrument :
 BNA_F
 ClientSampleId :
 TP-MH-J

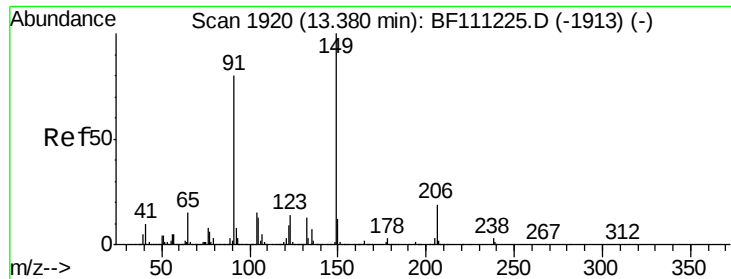
Tgt Ion: 202 Resp: 2351410
 Ion Ratio Lower Upper
 202 100
 200 22.5 19.0 28.4
 203 18.6 15.2 22.8



#79
 Terphenyl-d14
 Concen: 62.151 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BF111295.D
 Acq: 12 Dec 2018 00:12

Tgt Ion: 244 Resp: 1354288
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 12.8 13.1 19.7#

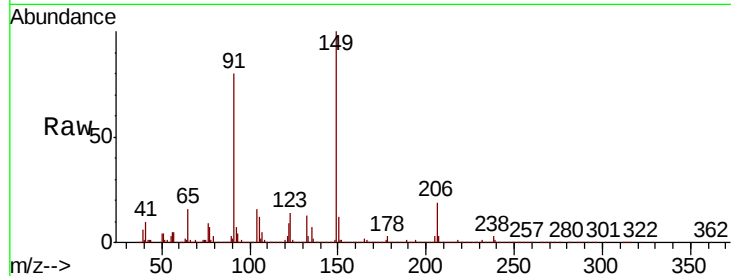




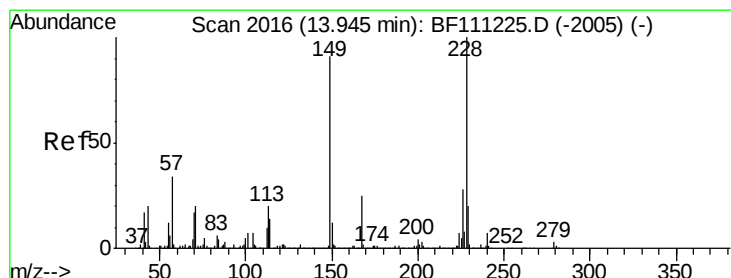
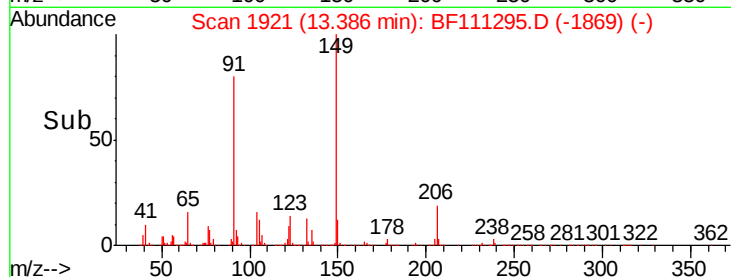
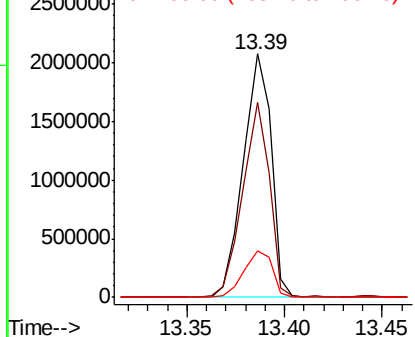
#80
Butylbenzylphthalate
Concen: 105.158 ng
RT: 13.39 min Scan# 1921
Delta R.T. 0.01 min
Lab File: BF111295.D
Acq: 12 Dec 2018 00:12

Instrument :
BNA_F
ClientSampleId :
TP-MH-J

Tgt Ion:149 Resp: 2051494
Ion Ratio Lower Upper
149 100
91 80.3 63.8 95.6
206 19.2 15.1 22.7

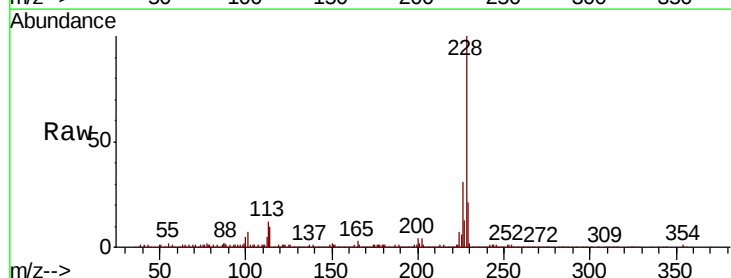


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E

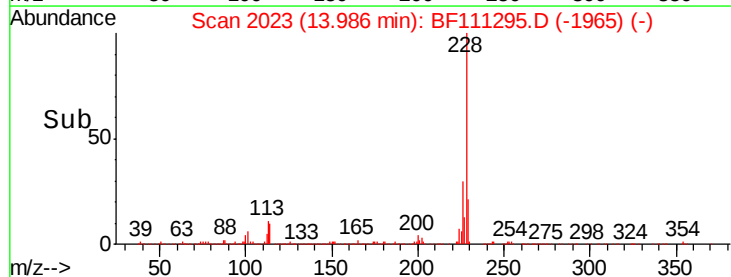
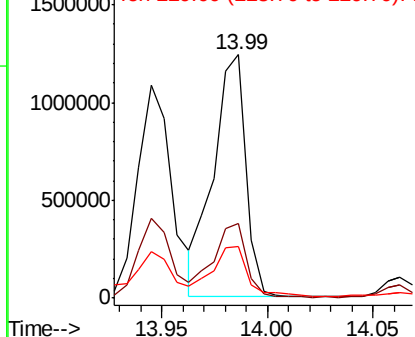


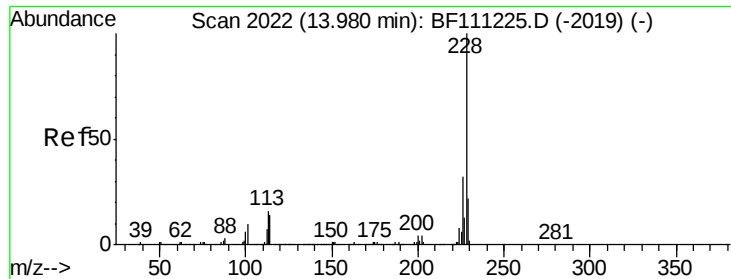
#81
Benzo(a)anthracene
Concen: 45.423 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.04 min
Lab File: BF111295.D
Acq: 12 Dec 2018 00:12

Tgt Ion:228 Resp: 1324497
Ion Ratio Lower Upper
228 100
226 30.8 22.6 34.0
229 21.3 16.3 24.5



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

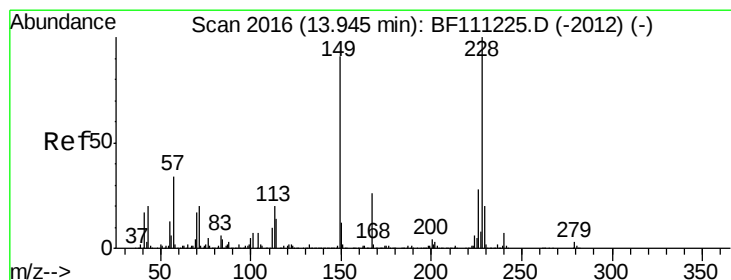
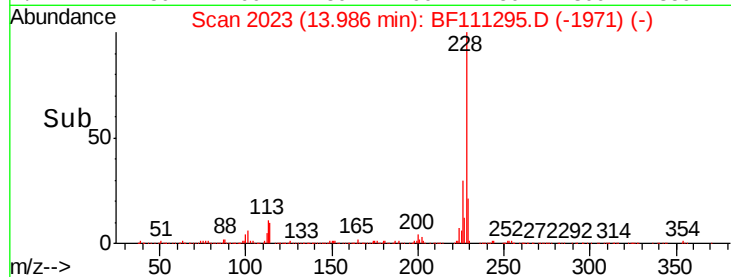
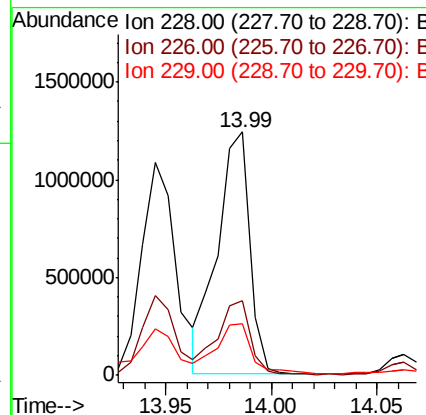
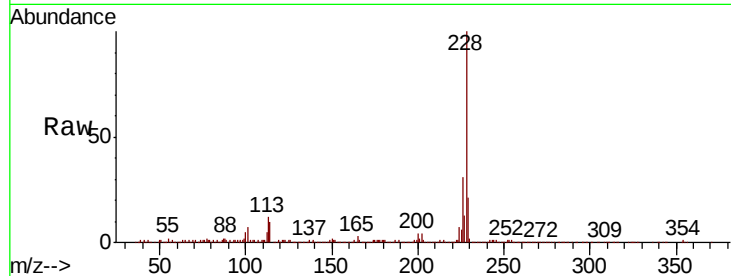




#83
Chrysene
Concen: 44.060 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF111295.D
Acq: 12 Dec 2018 00:12

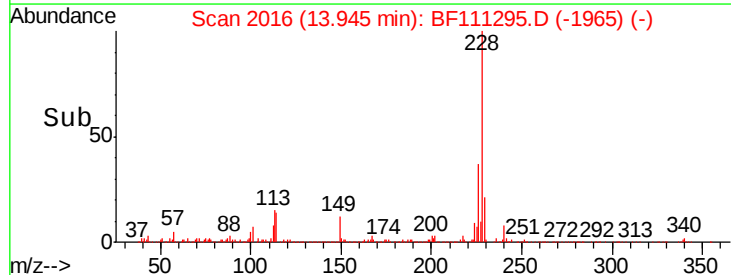
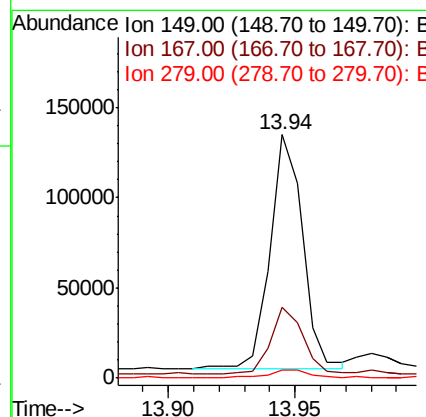
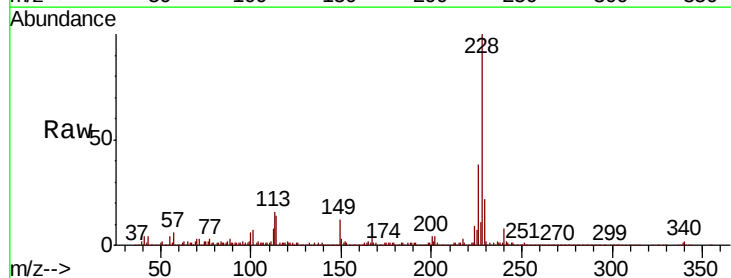
Instrument :
BNA_F
ClientSampleId :
TP-MH-J

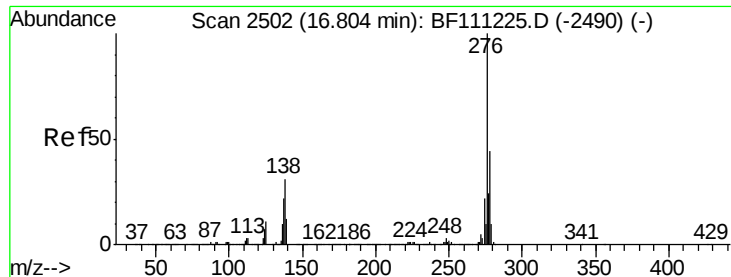
Tgt Ion: 228 Resp: 1324497
Ion Ratio Lower Upper
228 100
226 30.8 25.3 37.9
229 21.3 17.2 25.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.993 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF111295.D
Acq: 12 Dec 2018 00:12

Tgt Ion: 149 Resp: 115745
Ion Ratio Lower Upper
149 100
167 28.9 22.5 33.7
279 3.5 2.6 4.0

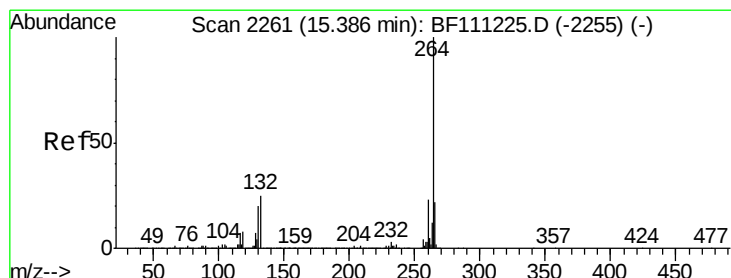
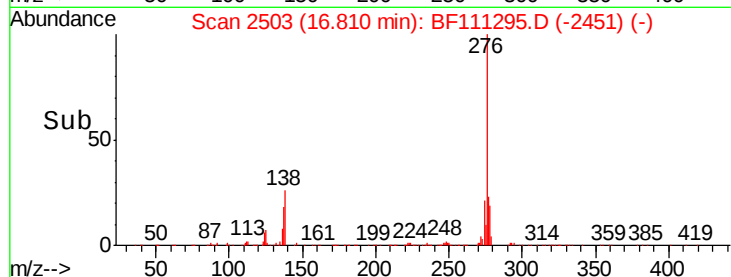
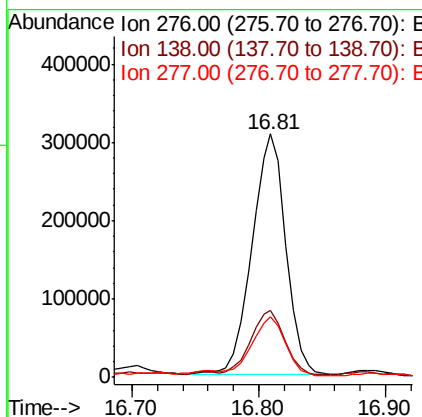
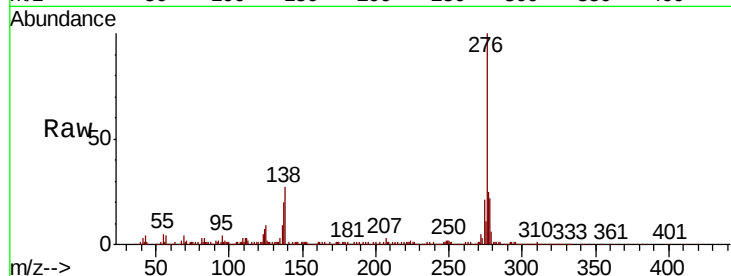




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 23.436 ng
 RT: 16.81 min Scan# 2503
 Delta R.T. 0.01 min
 Lab File: BF111295.D
 Acq: 12 Dec 2018 00:12

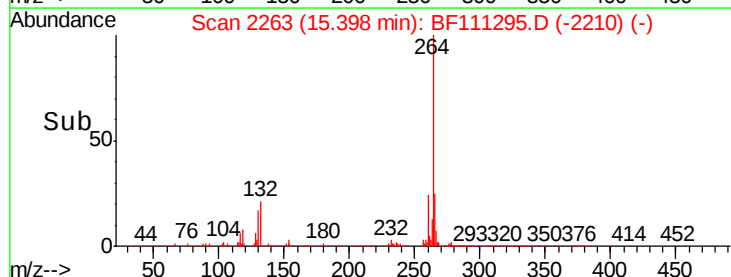
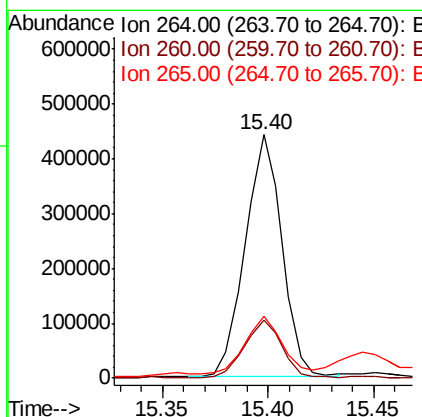
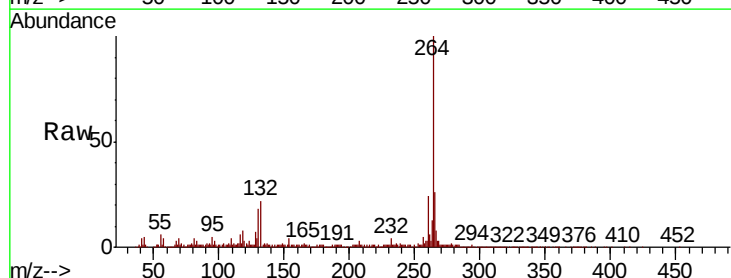
Instrument :
 BNA_F
 ClientSampleId :
 TP-MH-J

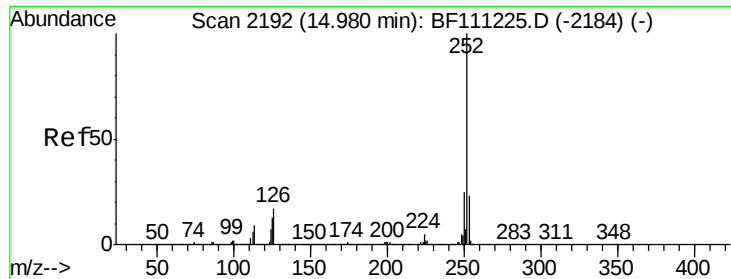
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.9	27.8	41.6#
277	24.2	20.1	30.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: BF111295.D
 Acq: 12 Dec 2018 00:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	25.6	17.7	26.5

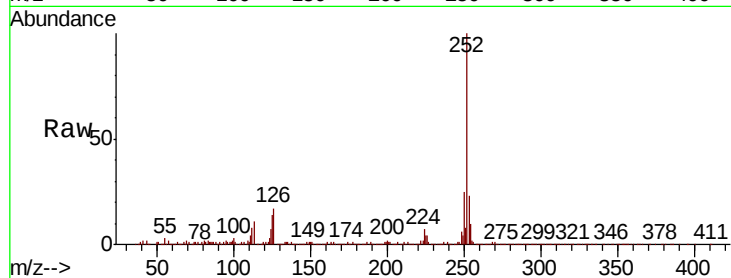




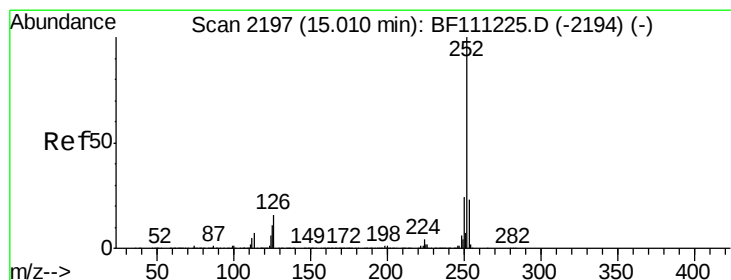
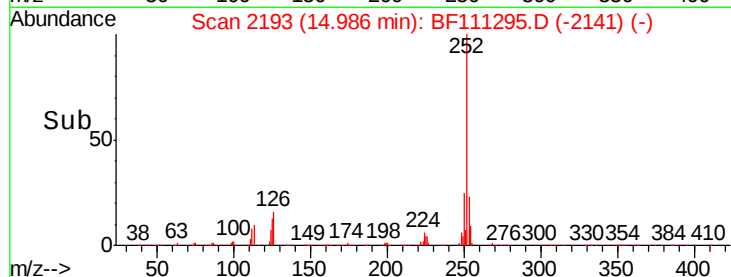
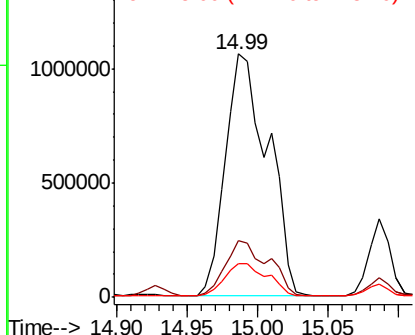
#88
Benzo(b)fluoranthene
Concen: 76.365 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF111295.D
Acq: 12 Dec 2018 00:12

Instrument :
BNA_F
ClientSampleId :
TP-MH-J

Tgt Ion:252 Resp: 2246050
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.2
125 14.1 10.4 15.6

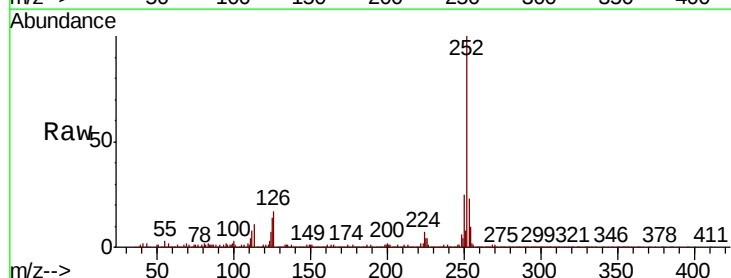


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

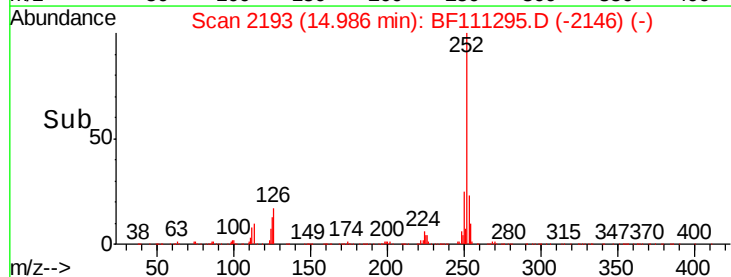
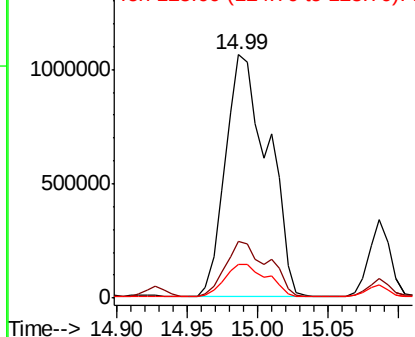


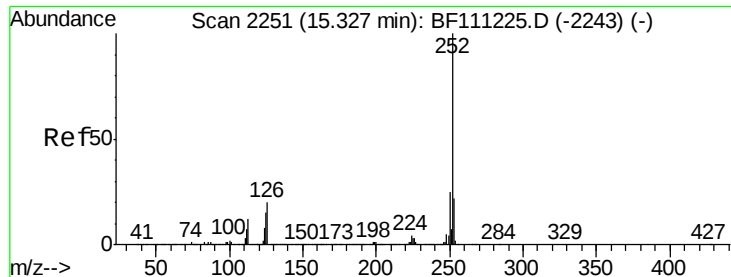
#89
Benzo(k)fluoranthene
Concen: 81.223 ng
RT: 14.99 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF111295.D
Acq: 12 Dec 2018 00:12

Tgt Ion:252 Resp: 2246050
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 14.1 9.8 14.8



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





#90

Benzo(a)pyrene

Concen: 40.580 ng

RT: 15.34 min Scan# 2253

Delta R.T. 0.01 min

Lab File: BF111295.D

Acq: 12 Dec 2018 00:12

Instrument :

BNA_F

ClientSampleId :

TP-MH-J

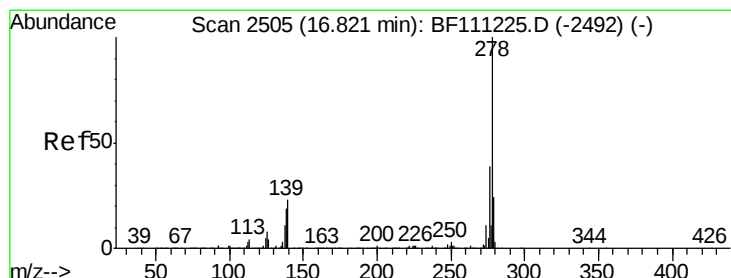
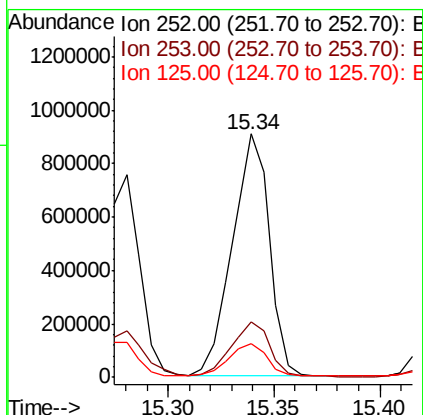
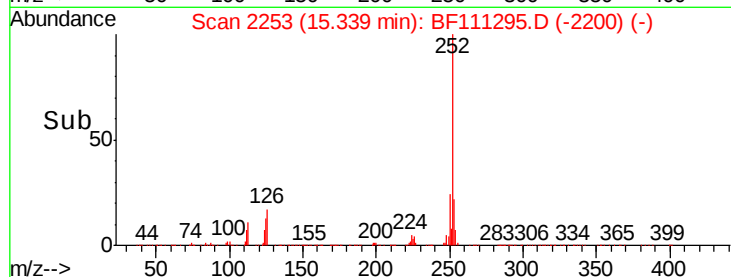
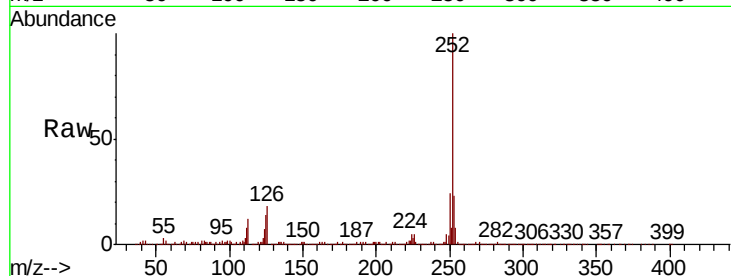
Tgt Ion:252 Resp: 1099099

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

125 13.9 12.3 18.5



#91

Dibenzo(a,h)anthracene

Concen: 7.179 ng

RT: 16.82 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BF111295.D

Acq: 12 Dec 2018 00:12

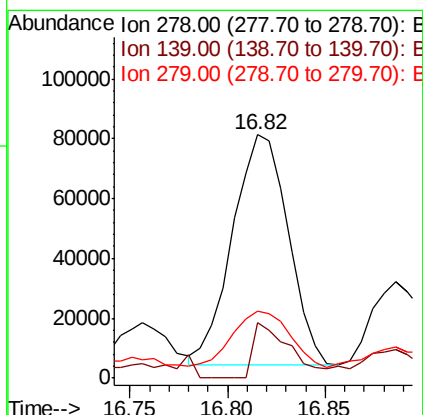
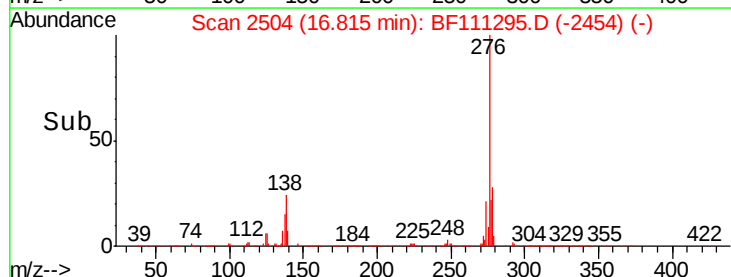
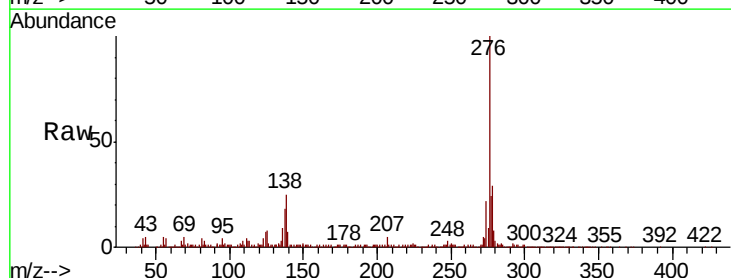
Tgt Ion:278 Resp: 152734

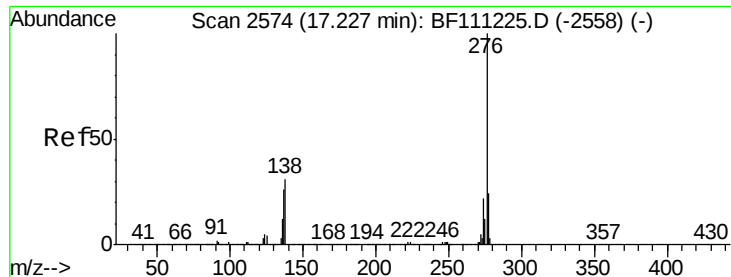
Ion Ratio Lower Upper

278 100

139 22.5 18.2 27.4

279 27.5 19.0 28.6





#92
 Benzo(g,h,i)perylene
 Concen: 24.075 ng
 RT: 17.24 min Scan# 2576
 Delta R.T. 0.01 min
 Lab File: BF111295.D
 Acq: 12 Dec 2018 00:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-MH-J

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.4	19.2	28.8
138	27.9	24.9	37.3

