

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
 Data File : BF083469.D
 Acq On : 3 Dec 2015 19:49
 Operator : UM/IZ
 Sample : G4573-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K207-20-25

Quant Time: Dec 04 00:31:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	171191	20.00	ng	-0.02
21) Naphthalene-d8	7.82	136	636883	20.00	ng	-0.01
38) Acenaphthene-d10	9.57	164	255336	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	415803	20.00	ng	-0.01
75) Chrysene-d12	14.73	240	348794	20.00	ng	-0.03
86) Perylene-d12	16.80	264	325140	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.12	112	1321155	115.80	ng	-0.01
7) Phenol-d6	6.20	99	1734747	111.09	ng	-0.02
23) Nitrobenzene-d5	7.10	82	1105514	76.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.37	330	267226	104.26	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1436557	80.18	ng	-0.01
78) Terphenyl-d14	13.21	244	1080562	73.88	ng	-0.01

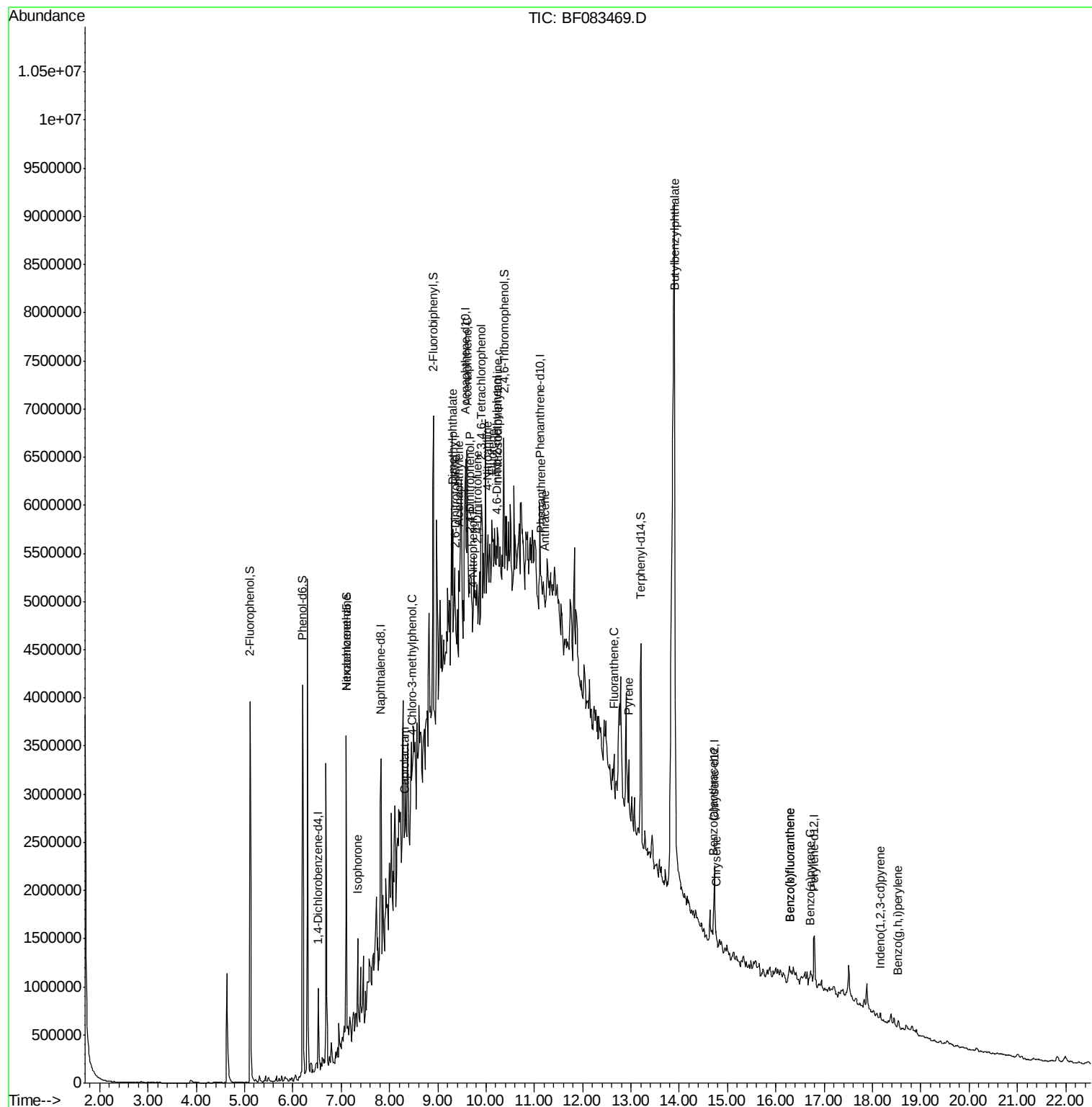
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.03	77	6496	Below Cal	#	6
18) Hexachloroethane	7.10	117	97734	19.46	ng	7
25) Isophorone	7.34	82	63459	2.26	ng	1
35) Caprolactam	8.30	113	10748	3.34	ng	1
36) 4-Chloro-3-methylphenol	8.46	107	46750	4.09	ng	26
48) Acenaphthylene	9.44	152	60969	2.24	ng	28
49) Dimethylphthalate	9.31	163	588892	28.38	ng	98
50) 2,6-Dinitrotoluene	9.36	165	35975	8.12	ng	42
51) Acenaphthene	9.61	154	371012	23.18	ng	99
53) 2,4-Dinitrophenol	9.68	184	1951	2.07	ng	1
55) 4-Nitrophenol	9.72	139	6671	2.05	ng	1
56) 2,4-Dinitrotoluene	9.81	165	27912	4.96	ng	30
57) Fluorene	10.12	166	132634	7.16	ng	92
58) 2,3,4,6-Tetrachlorophenol	9.90	232	20804	4.38	ng	1
61) 4-Nitroaniline	10.03	138	24808	4.77	ng	92
64) 4,6-Dinitro-2-methylphenol	10.22	198	8189	2.93	ng	1
65) n-Nitrosodiphenylamine	10.24	169	212395	14.54	ng	51
70) Phenanthrene	11.14	178	136647	5.55	ng	77
71) Anthracene	11.21	178	72190	2.91	ng	58
74) Fluoranthene	12.65	202	227500	8.92	ng	94
77) Pyrene	12.96	202	329828	13.54	ng	94
79) Butylbenzylphthalate	13.91	149	62521	6.05	ng	61
80) Benzo(a)anthracene	14.72	228	125278	5.86	ng	75
82) Chrysene	14.76	228	82216	3.98	ng	64
85) Indeno(1,2,3-cd)pyrene	18.17	276	40915	2.72	ng	93
87) Benzo(b)fluoranthene	16.28	252	125039	5.99	ng	82
88) Benzo(k)fluoranthene	16.28	252	125039	6.35	ng	79
89) Benzo(a)pyrene	16.72	252	95910	5.35	ng	89
91) Benzo(g,h,i)perylene	18.53	276	43460	2.84	ng	82

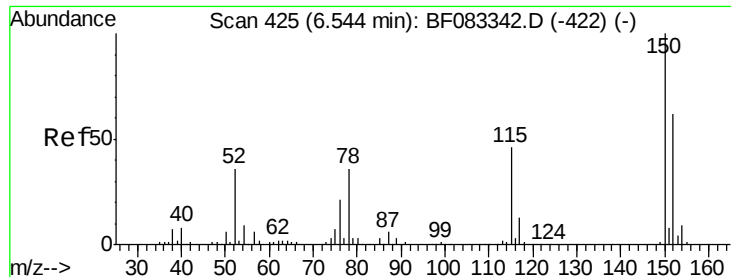
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampled :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF083469.D

Acq: 3 Dec 2015 19:49

Instrument :

BNA_F

ClientSampleId :

K207-20-25

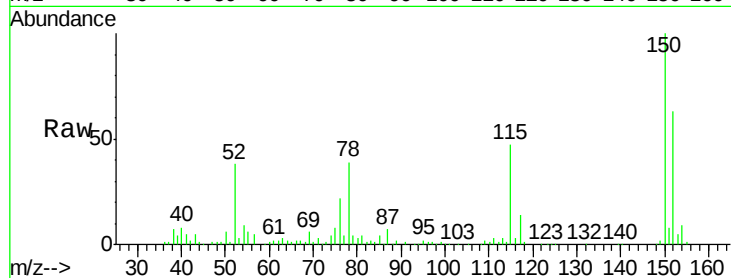
Tgt Ion:152 Resp: 171191

Ion Ratio Lower Upper

152 100

150 157.6 129.8 194.8

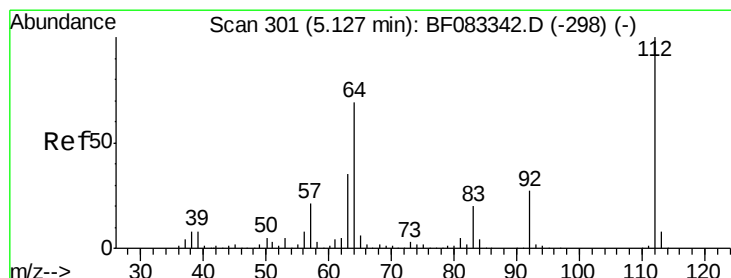
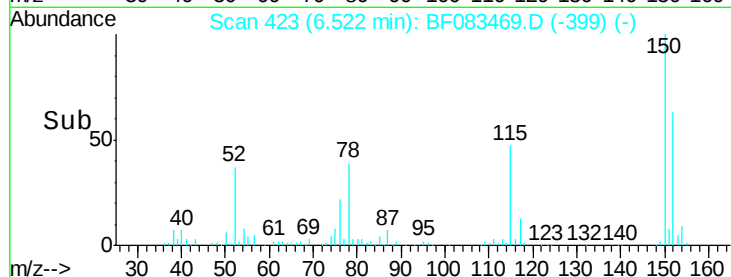
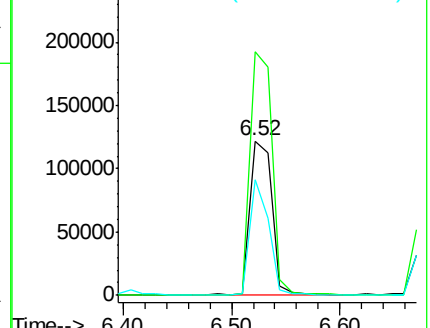
115 74.4 59.2 88.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 115.80 ng

RT: 5.12 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083469.D

Acq: 3 Dec 2015 19:49

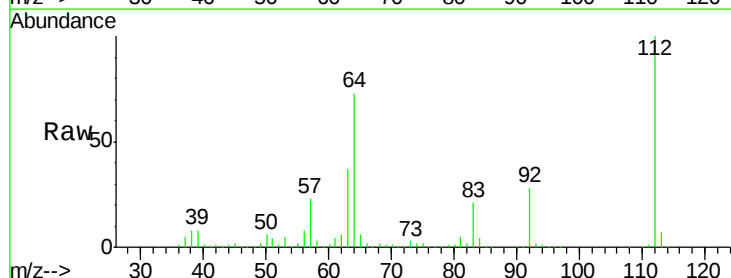
Tgt Ion:112 Resp: 1321155

Ion Ratio Lower Upper

112 100

64 73.3 55.6 83.4

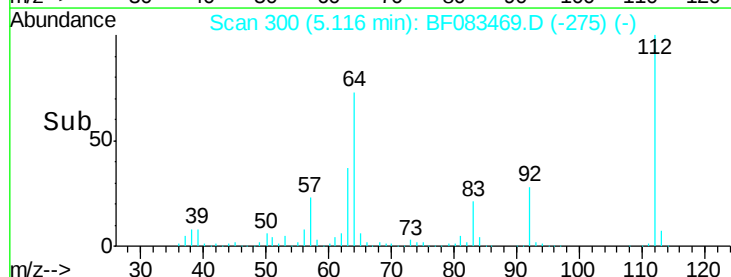
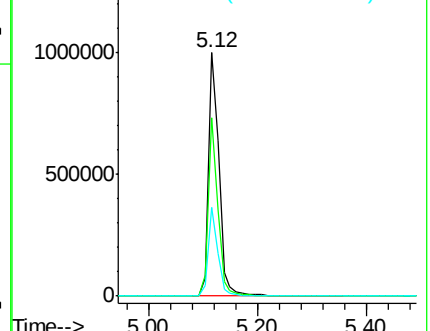
63 36.6 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.09 ng

RT: 6.20 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF083469.D

Acq: 3 Dec 2015 19:49

Instrument :

BNA_F

ClientSampleId :

K207-20-25

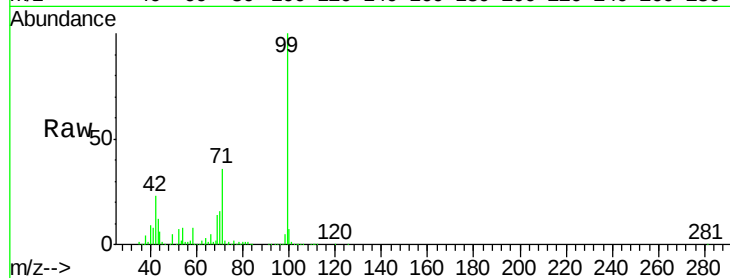
Tgt Ion: 99 Resp: 1734747

Ion Ratio Lower Upper

99 100

42 22.6 14.9 22.3#

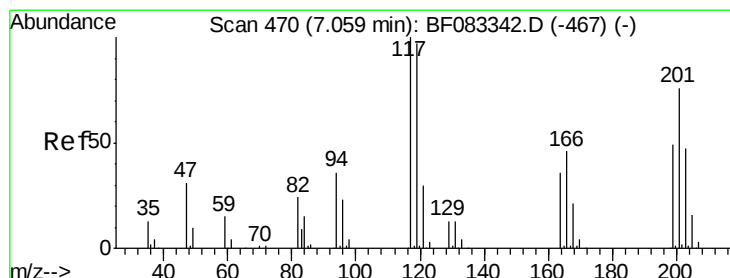
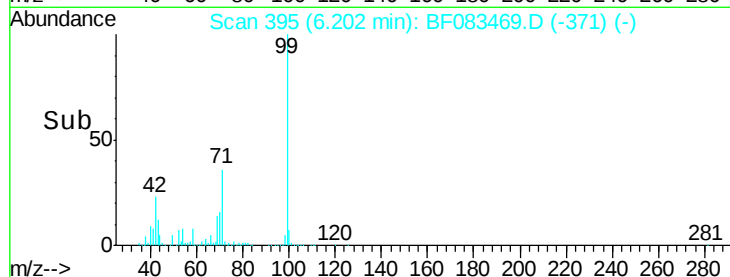
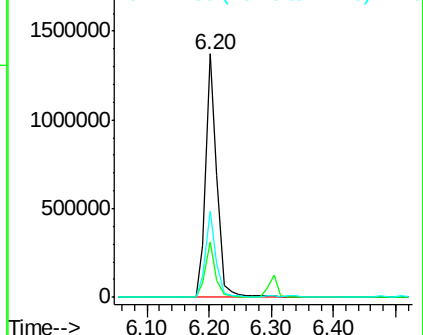
71 35.6 24.7 37.1



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#18

Hexachloroethane

Concen: 19.46 ng

RT: 7.10 min Scan# 474

Delta R.T. 0.05 min

Lab File: BF083469.D

Acq: 3 Dec 2015 19:49

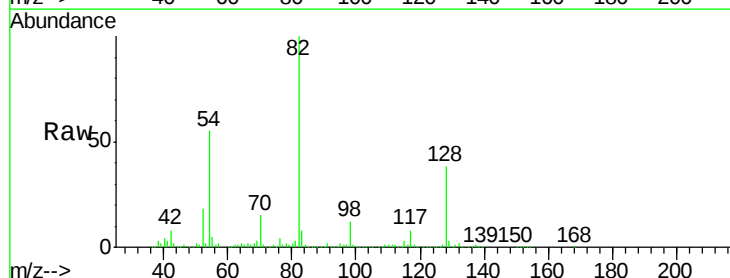
Tgt Ion: 117 Resp: 97734

Ion Ratio Lower Upper

117 100

119 1.2 77.3 115.9#

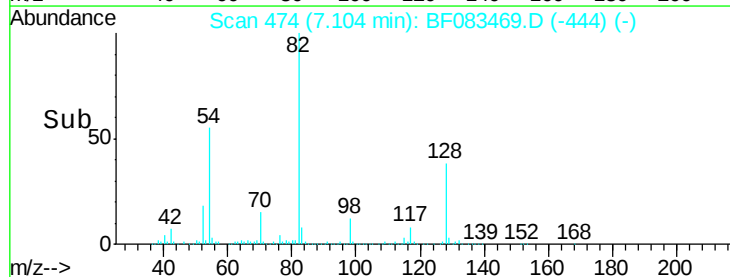
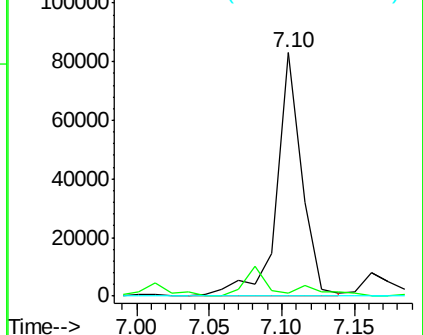
201 0.0 60.6 90.8#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.82 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF083469.D

Acq: 3 Dec 2015 19:49

Instrument :

BNA_F

ClientSampleId :

K207-20-25

Tgt Ion:136 Resp: 636883

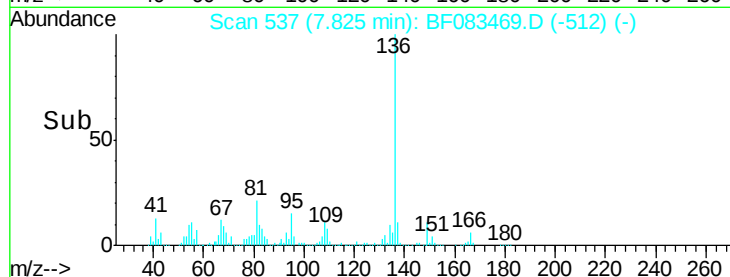
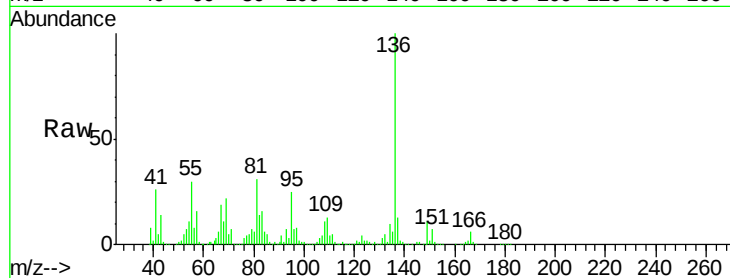
Ion Ratio Lower Upper

136 100

137 13.0 9.0 13.4

54 11.0 10.1 15.1

68 10.8 7.1 10.7#

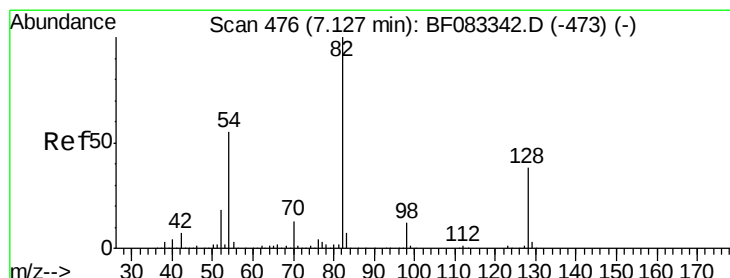
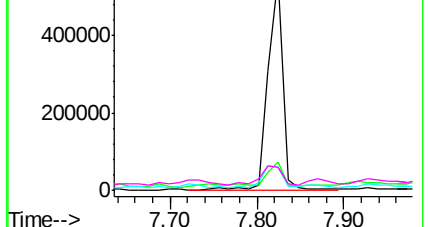


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 76.30 ng

RT: 7.10 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF083469.D

Acq: 3 Dec 2015 19:49

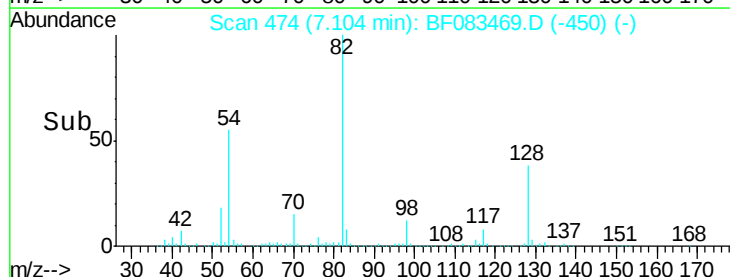
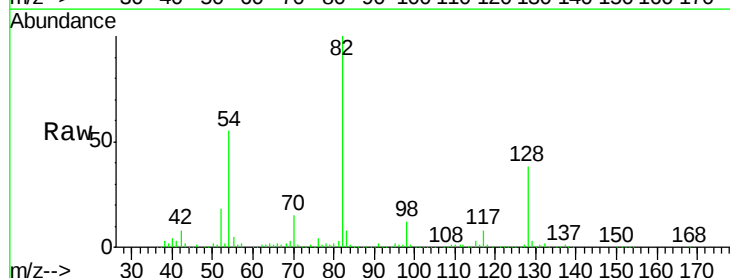
Tgt Ion: 82 Resp: 1105514

Ion Ratio Lower Upper

82 100

128 37.9 30.6 46.0

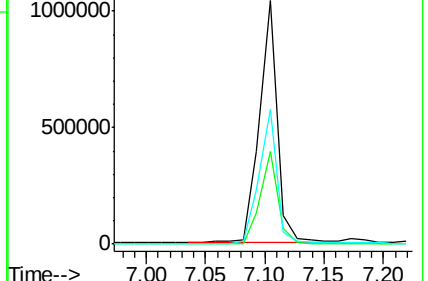
54 55.2 43.8 65.6

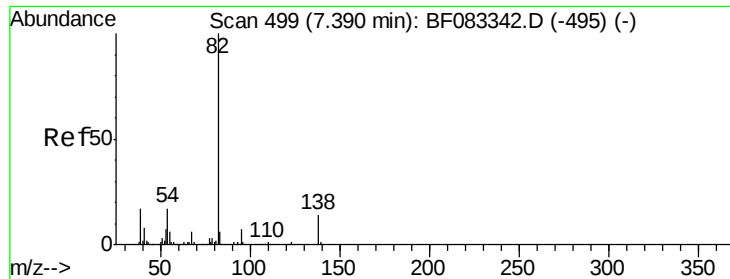


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 2.26 ng

RT: 7.34 min Scan# 495

Delta R.T. -0.05 min

Lab File: BF083469.D

Acq: 3 Dec 2015 19:49

Instrument :

BNA_F

ClientSampleId :

K207-20-25

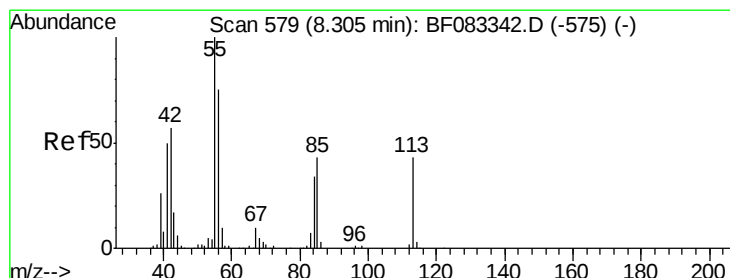
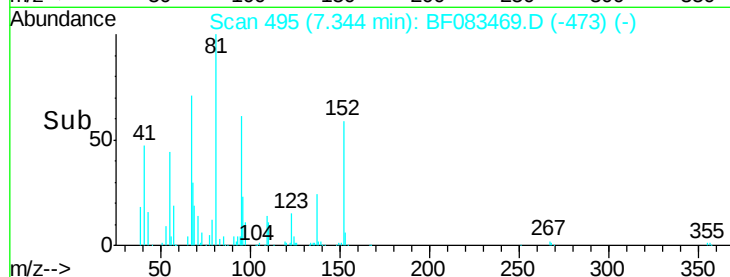
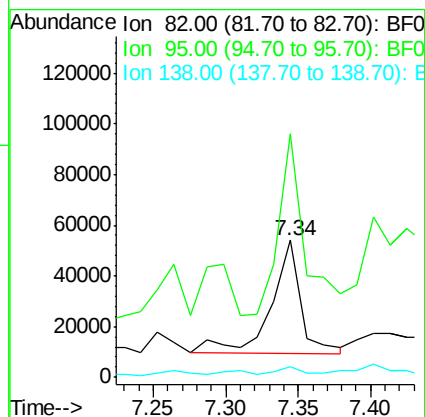
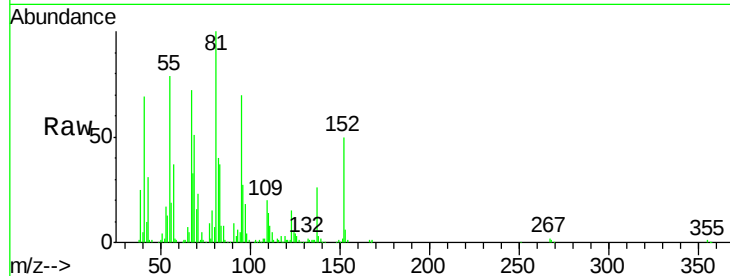
Tgt Ion: 82 Resp: 63459

Ion Ratio Lower Upper

82 100

95 177.7 5.3 7.9#

138 8.1 11.6 17.4#



#35

Caprolactam

Concen: 3.34 ng

RT: 8.30 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF083469.D

Acq: 3 Dec 2015 19:49

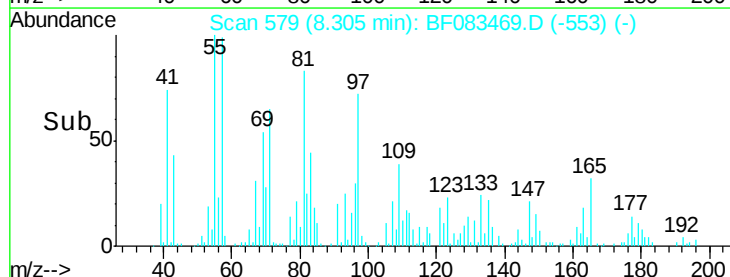
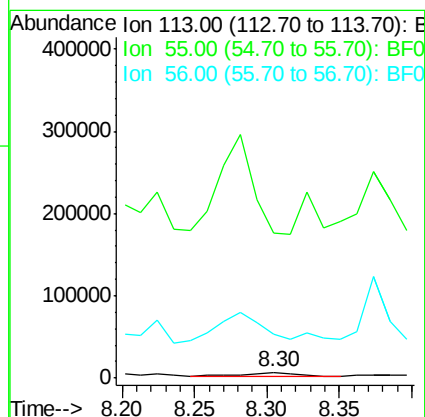
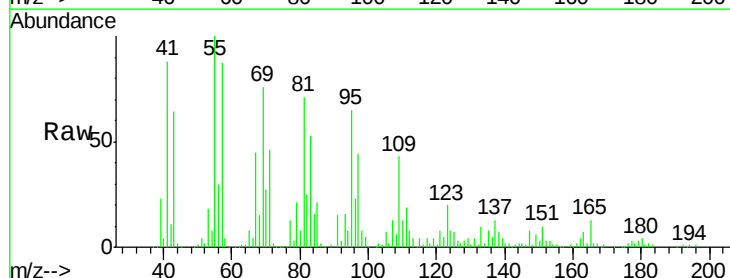
Tgt Ion: 113 Resp: 10748

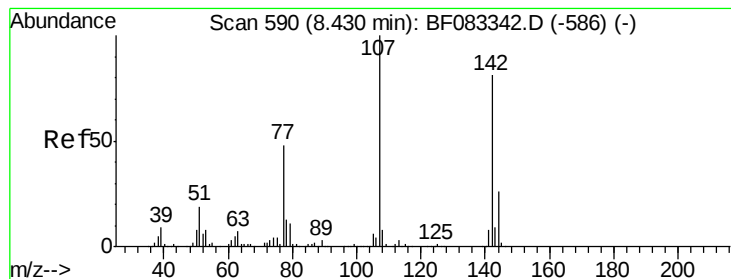
Ion Ratio Lower Upper

113 100

55 2498.4 211.6 251.6#

56 761.5 153.0 193.0#





#36

4-Chloro-3-methylphenol

Concen: 4.09 ng

RT: 8.46 min Scan# 593

Delta R.T. 0.03 min

Lab File: BF083469.D

Acq: 3 Dec 2015 19:49

Instrument :

BNA_F

ClientSampleId :

K207-20-25

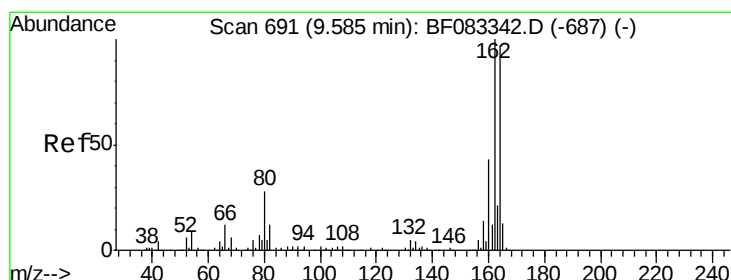
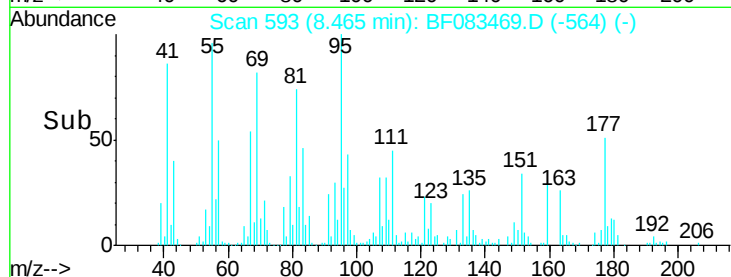
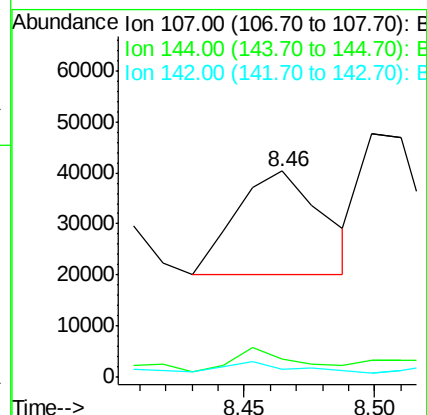
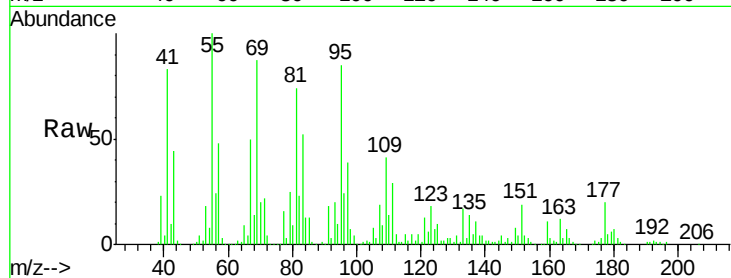
Tgt Ion:107 Resp: 46750

Ion Ratio Lower Upper

107 100

144 8.7 21.1 31.7#

142 4.2 65.1 97.7#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.57 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF083469.D

Acq: 3 Dec 2015 19:49

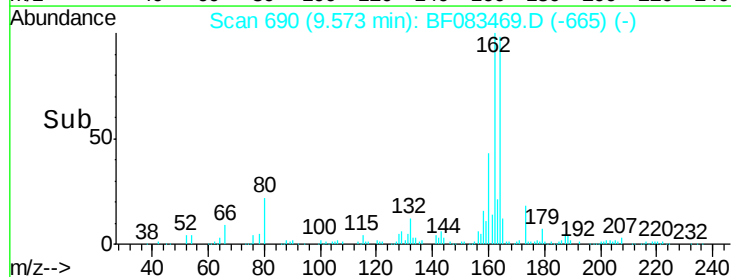
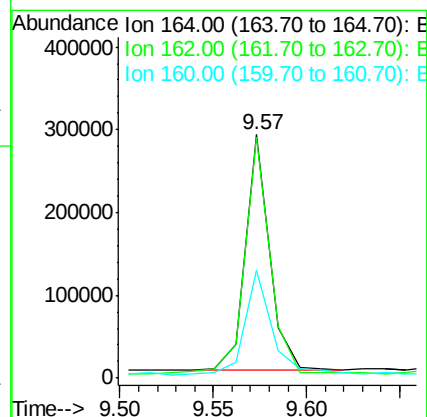
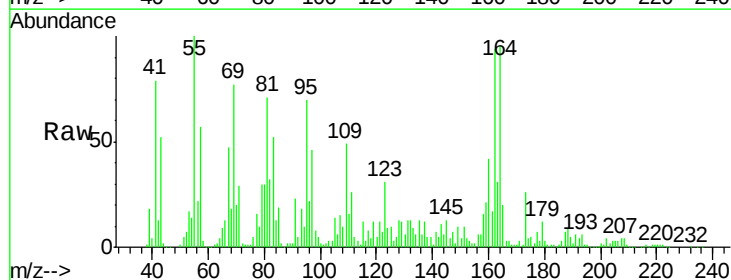
Tgt Ion:164 Resp: 255336

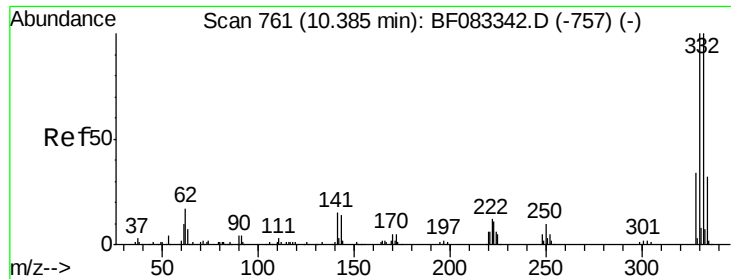
Ion Ratio Lower Upper

164 100

162 99.2 82.6 123.8

160 44.3 35.3 52.9

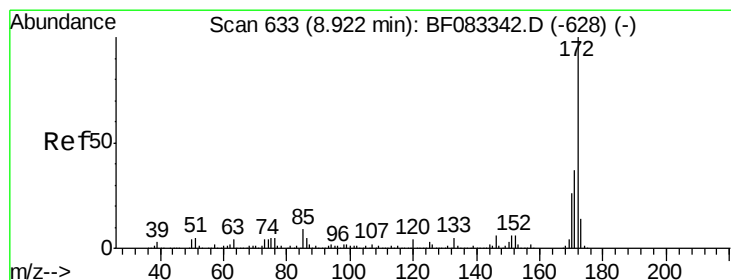
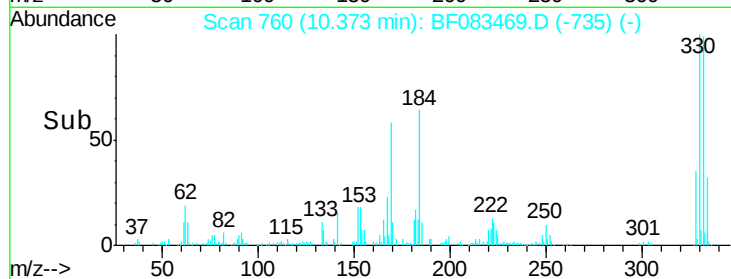
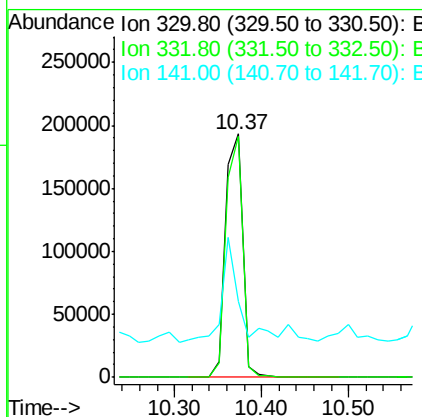
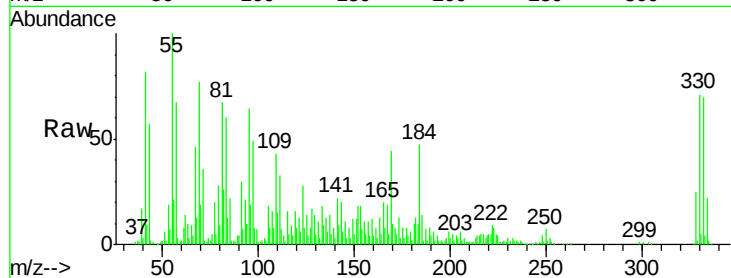




#41
 2,4,6-Tribromophenol
 Concen: 104.26 ng
 RT: 10.37 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF083469.D
 Acq: 3 Dec 2015 19:49

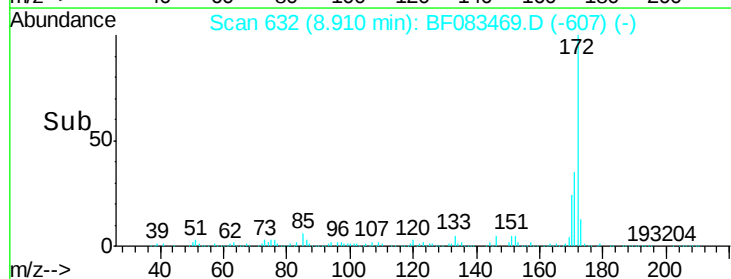
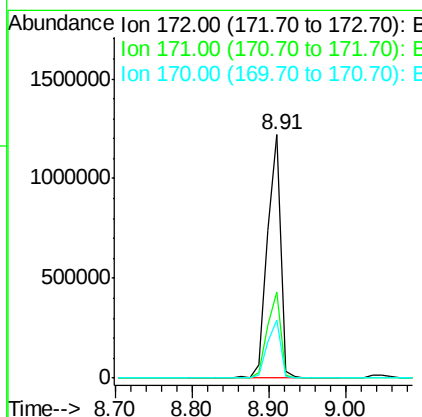
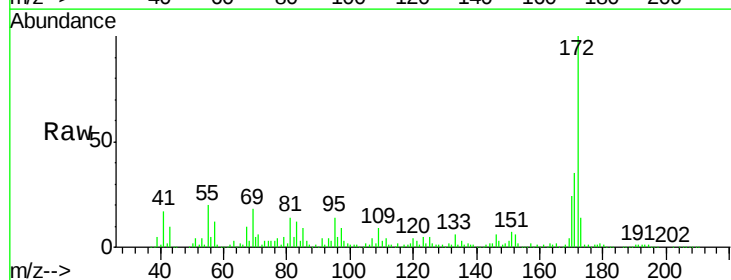
Instrument :
 BNA_F
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 K207-20-25

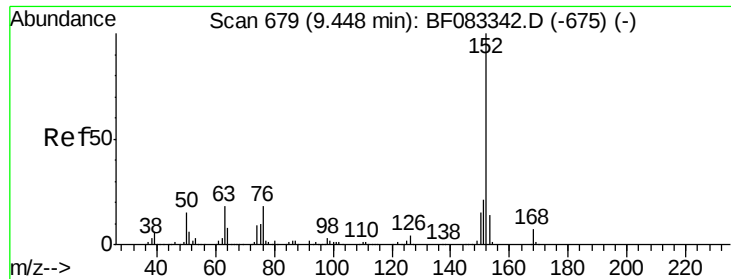
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.8	116.6
141	38.9	29.4	44.0



#44
 2-Fluorobiphenyl
 Concen: 80.18 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF083469.D
 Acq: 3 Dec 2015 19:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.4	44.0
170	23.9	20.4	30.6





#48

Acenaphthylene

Concen: 2.24 ng

RT: 9.44 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF083469.D

Acq: 3 Dec 2015 19:49

Instrument :

BNA_F

ClientSampleId :

K207-20-25

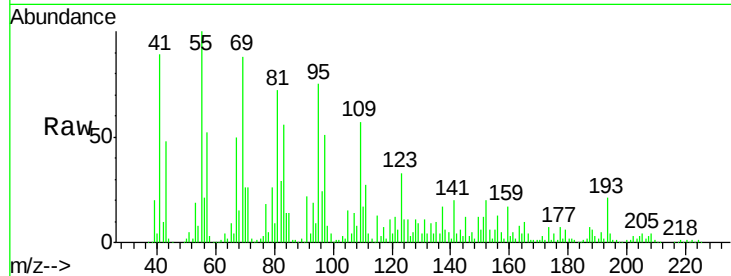
Tgt Ion:152 Resp: 60969

Ion Ratio Lower Upper

152 100

151 62.3 16.7 25.1#

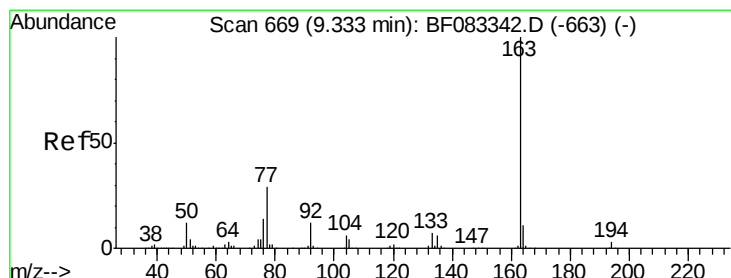
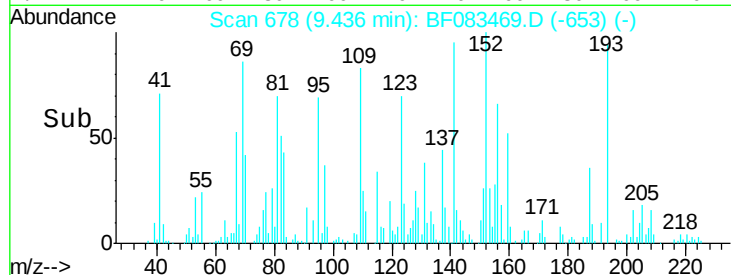
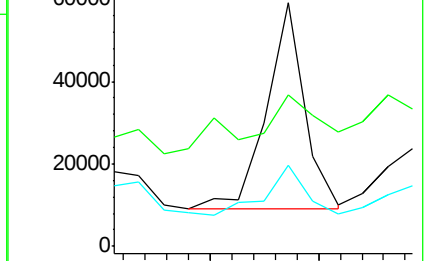
153 33.2 11.2 16.8#



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



#49

Dimethylphthalate

Concen: 28.38 ng

RT: 9.31 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF083469.D

Acq: 3 Dec 2015 19:49

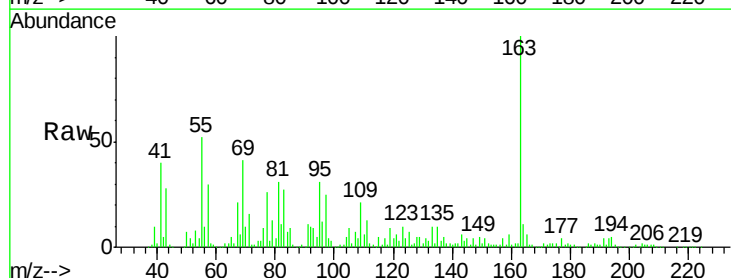
Tgt Ion:163 Resp: 588892

Ion Ratio Lower Upper

163 100

194 4.7 2.7 4.1#

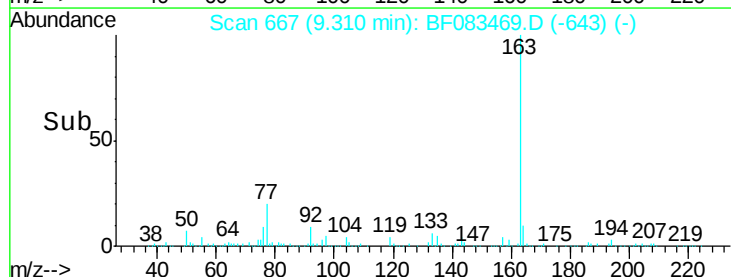
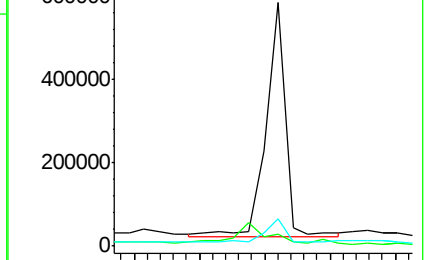
164 11.3 8.8 13.2

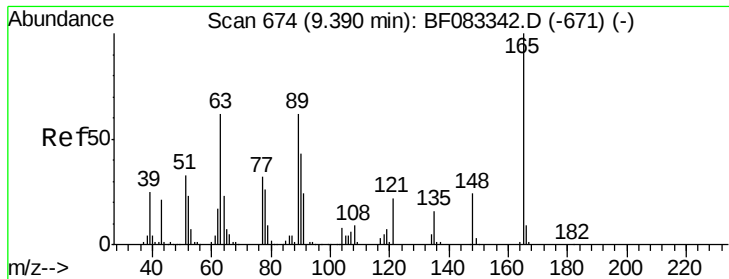


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 8.12 ng

RT: 9.36 min Scan# 671

Delta R.T. -0.03 min

Lab File: BF083469.D

Acq: 3 Dec 2015 19:49

Instrument :

BNA_F

ClientSampleId :

K207-20-25

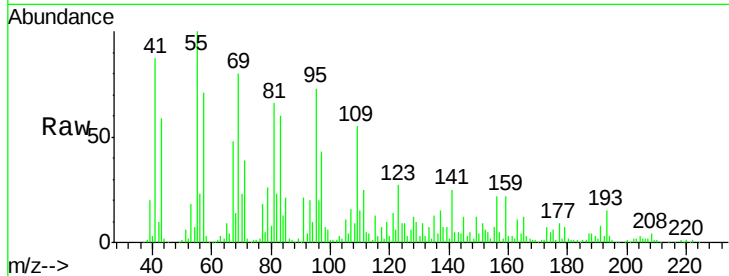
Tgt Ion:165 Resp: 35975

Ion Ratio Lower Upper

165 100

63 27.3 56.0 84.0#

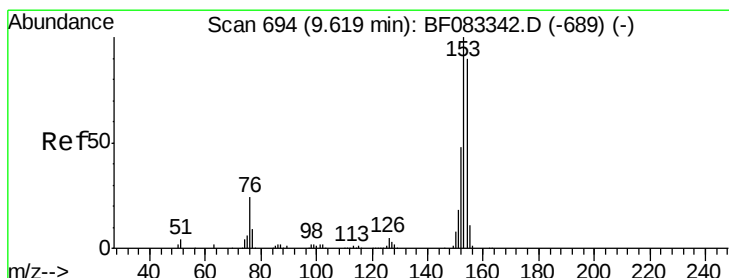
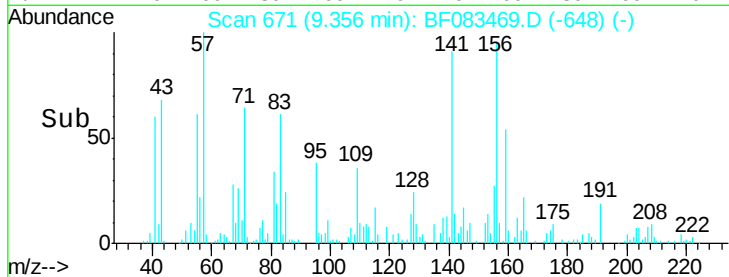
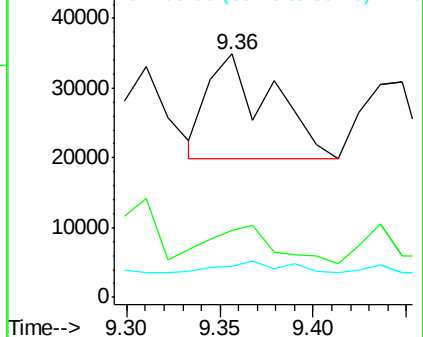
89 12.6 49.8 74.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 23.18 ng

RT: 9.61 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF083469.D

Acq: 3 Dec 2015 19:49

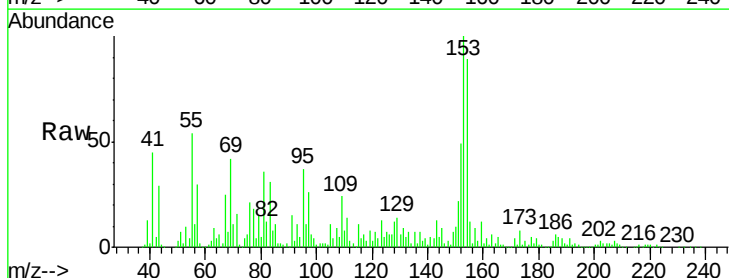
Tgt Ion:154 Resp: 371012

Ion Ratio Lower Upper

154 100

153 111.8 89.3 133.9

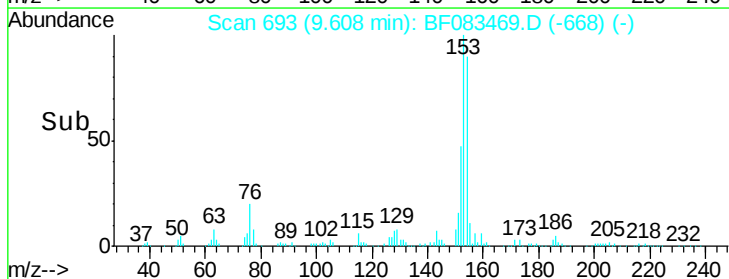
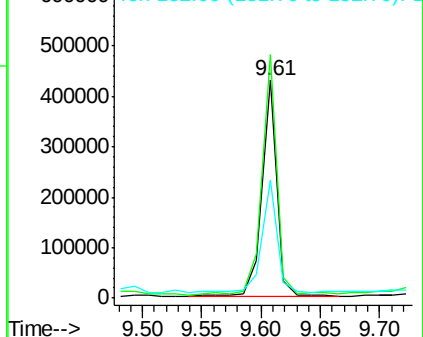
152 54.2 42.5 63.7

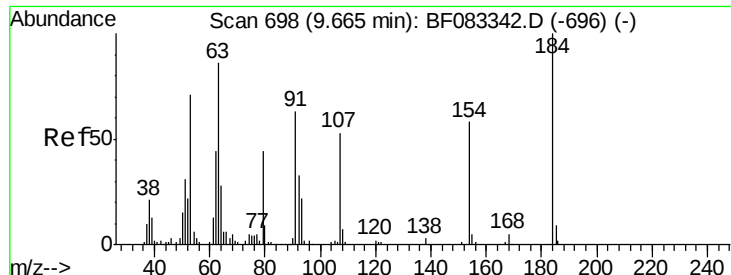


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

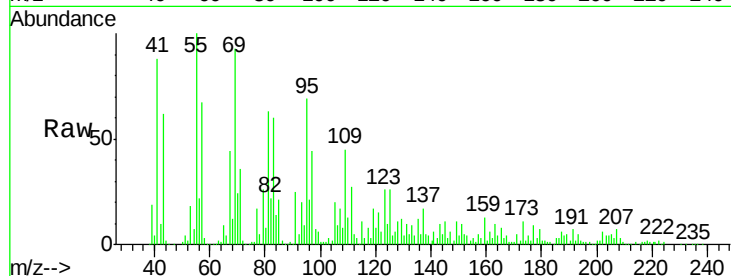




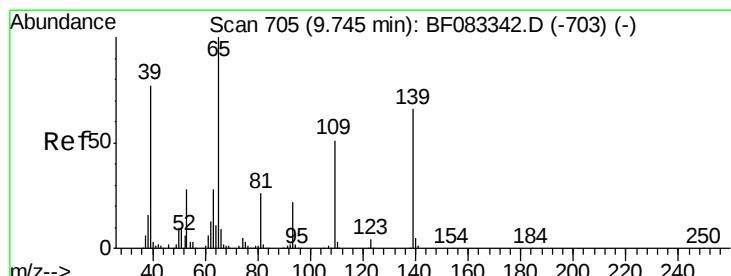
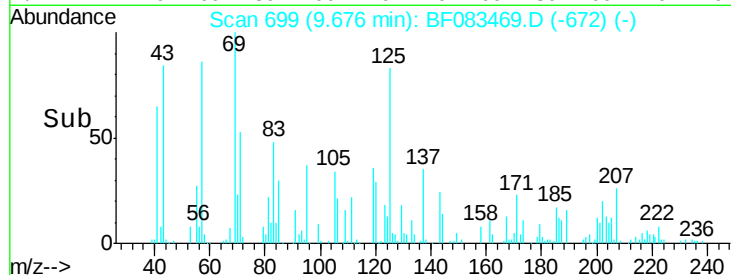
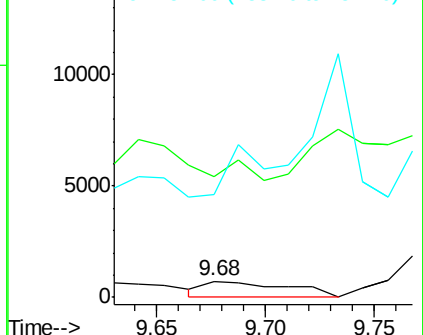
#53
 2,4-Dinitrophenol
 Concen: 2.07 ng
 RT: 9.68 min Scan# 699
 Delta R.T. 0.01 min
 Lab File: BF083469.D
 Acq: 3 Dec 2015 19:49

Instrument :
 BNA_F
 ClientSampleID :
 K207-20-25

Tgt Ion:184 Resp: 1951
 Ion Ratio Lower Upper
 184 100
 63 757.9 69.0 103.6#
 154 648.7 50.0 75.0#

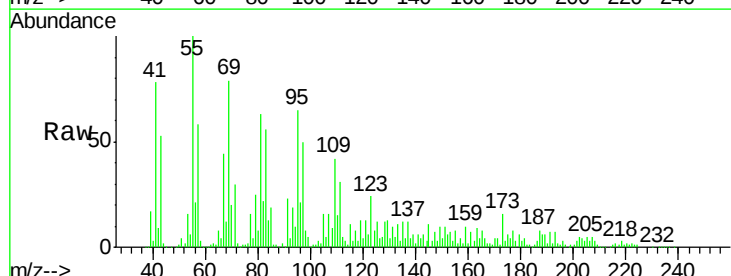


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

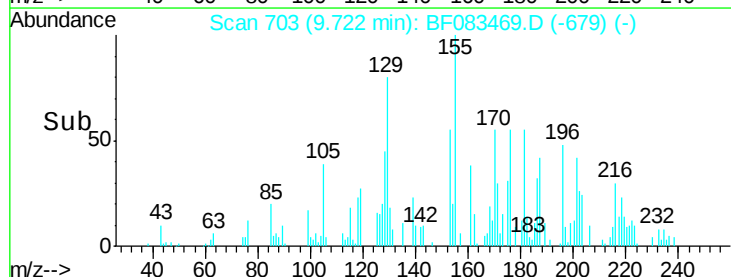
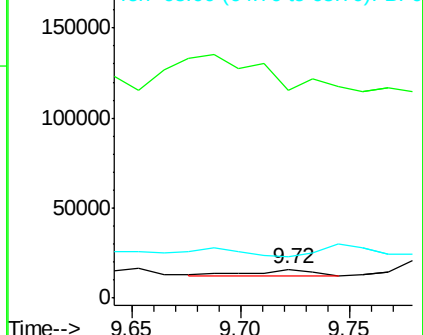


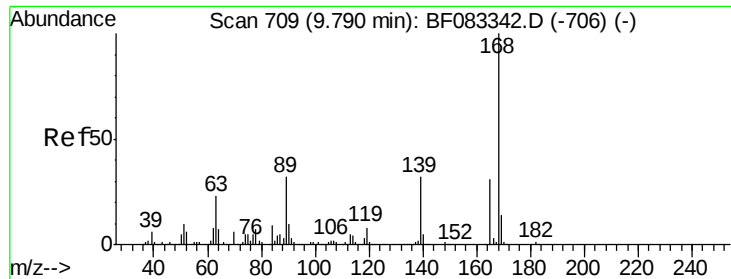
#55
 4-Nitrophenol
 Concen: 2.05 ng
 RT: 9.72 min Scan# 703
 Delta R.T. -0.02 min
 Lab File: BF083469.D
 Acq: 3 Dec 2015 19:49

Tgt Ion:139 Resp: 6671
 Ion Ratio Lower Upper
 139 100
 109 720.3 57.4 97.4#
 65 145.0 131.6 171.6



Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 4.96 ng

RT: 9.81 min Scan# 711

Delta R.T. 0.02 min

Lab File: BF083469.D

Acq: 3 Dec 2015 19:49

Instrument :

BNA_F

ClientSampleId :

K207-20-25

Tgt Ion:165 Resp: 27912

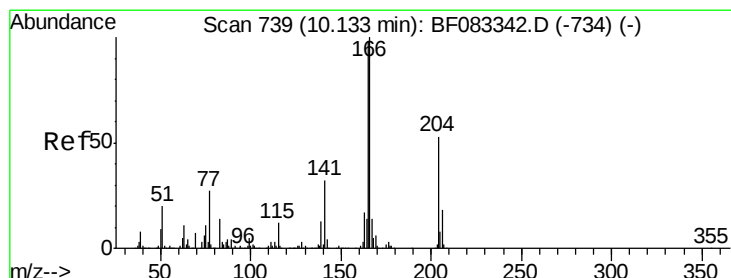
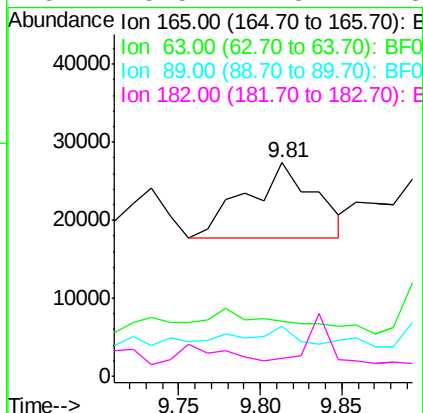
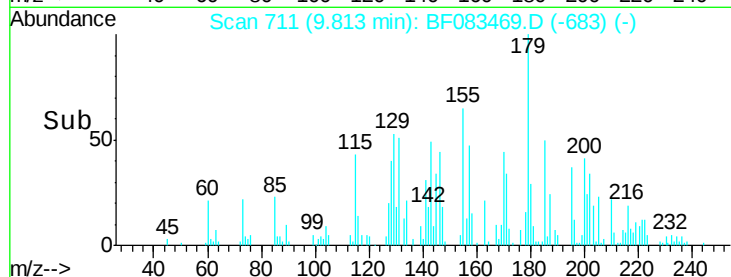
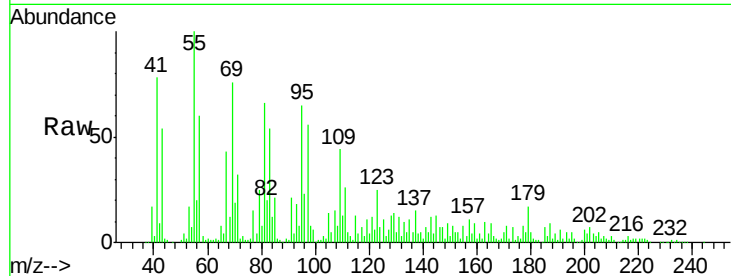
Ion Ratio Lower Upper

165 100

63 25.7 65.4 98.0#

89 23.5 81.2 121.8#

182 8.5 1.8 2.8#



#57

Fluorene

Concen: 7.16 ng

RT: 10.12 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF083469.D

Acq: 3 Dec 2015 19:49

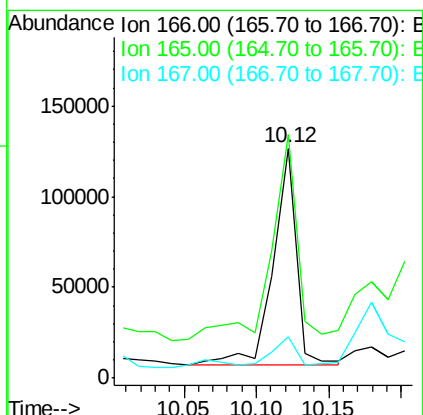
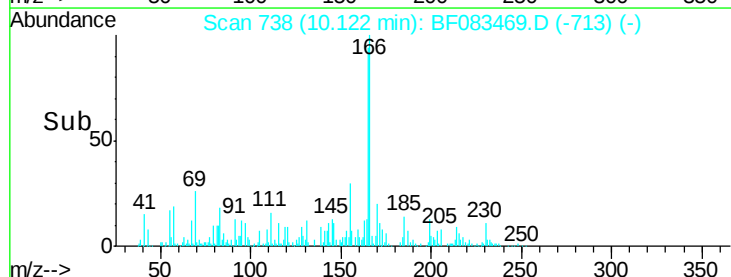
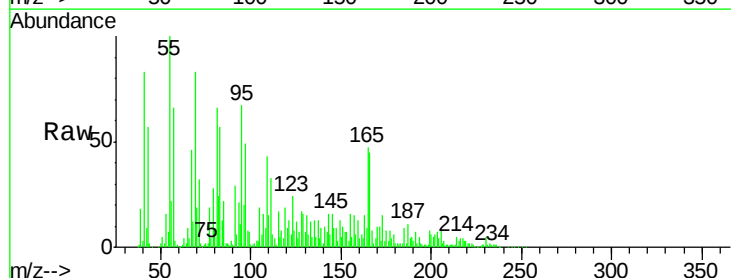
Tgt Ion:166 Resp: 132634

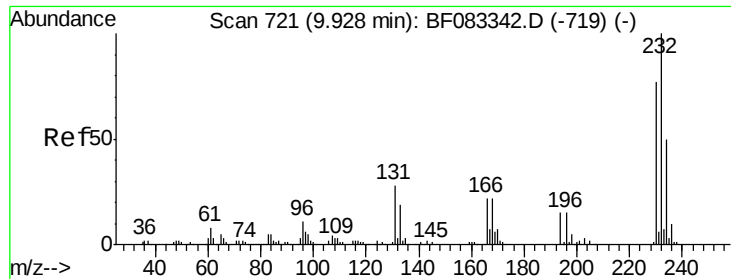
Ion Ratio Lower Upper

166 100

165 105.8 78.3 117.5

167 17.7 11.1 16.7#

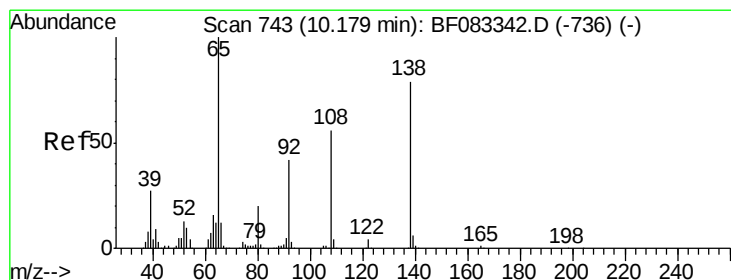
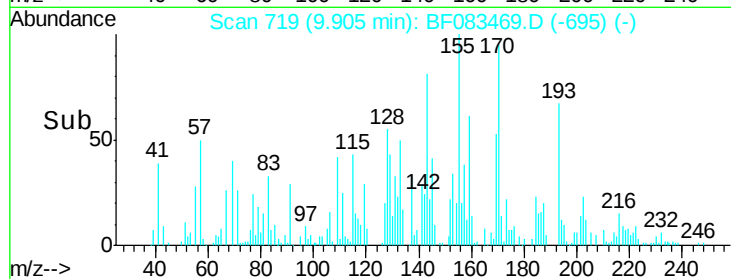
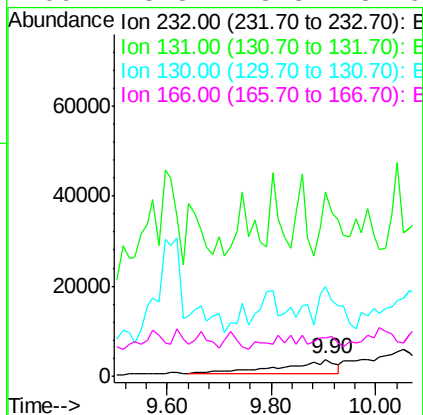
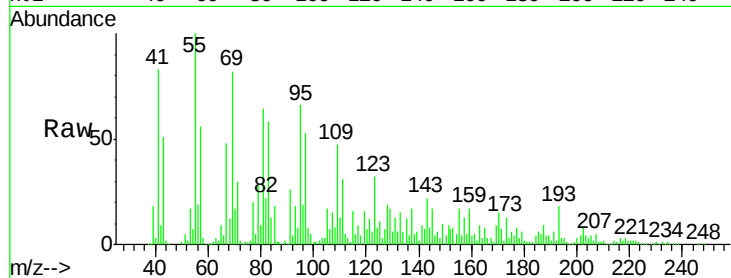




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 4.38 ng
 RT: 9.90 min Scan# 719
 Delta R.T. -0.02 min
 Lab File: BF083469.D
 Acq: 3 Dec 2015 19:49

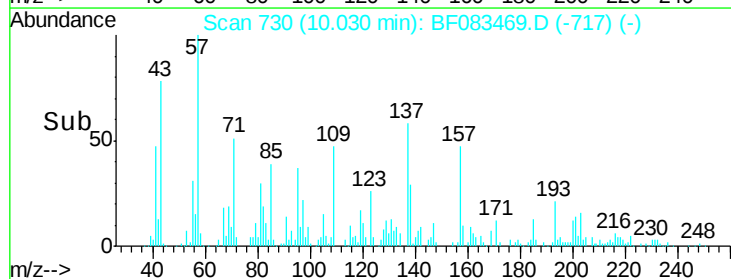
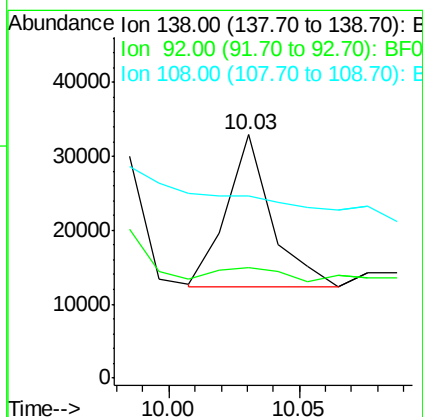
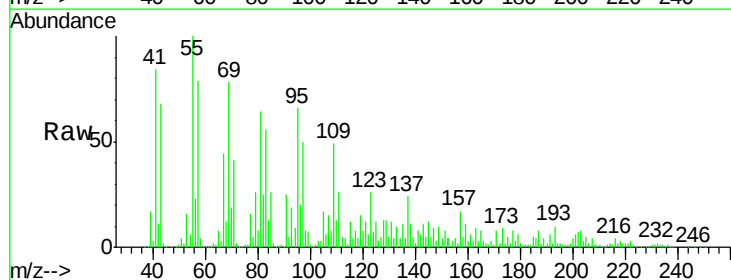
Instrument :
 BNA_F
 ClientSampleId :
 K207-20-25

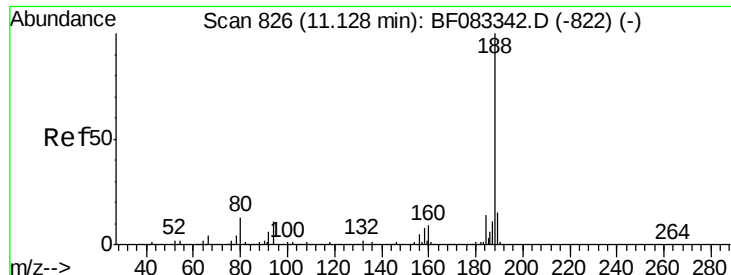
Tgt Ion: 232 Resp: 20804
 Ion Ratio Lower Upper
 232 100
 131 154.7 35.4 53.2#
 130 115.0 1.7 2.5#
 166 23.8 23.3 34.9



#61
 4-Nitroaniline
 Concen: 4.77 ng
 RT: 10.03 min Scan# 730
 Delta R.T. -0.15 min
 Lab File: BF083469.D
 Acq: 3 Dec 2015 19:49

Tgt Ion: 138 Resp: 24808
 Ion Ratio Lower Upper
 138 100
 92 45.2 33.6 73.6
 108 74.7 51.0 91.0

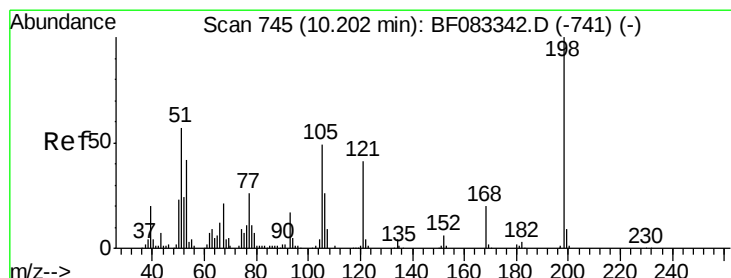
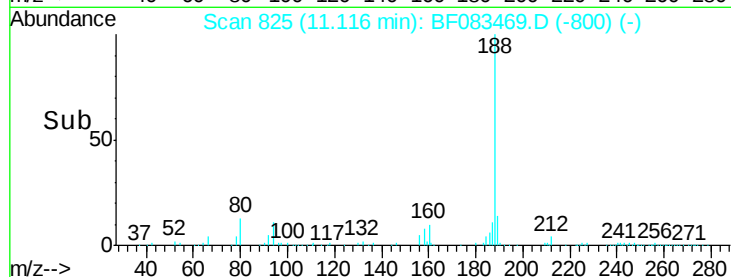
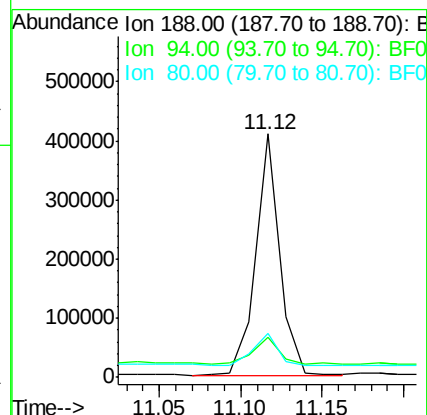
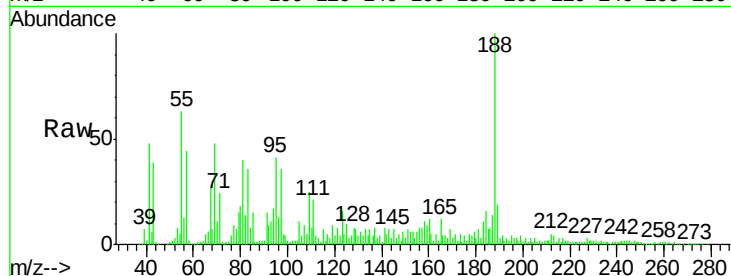




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF083469.D
Acq: 3 Dec 2015 19:49

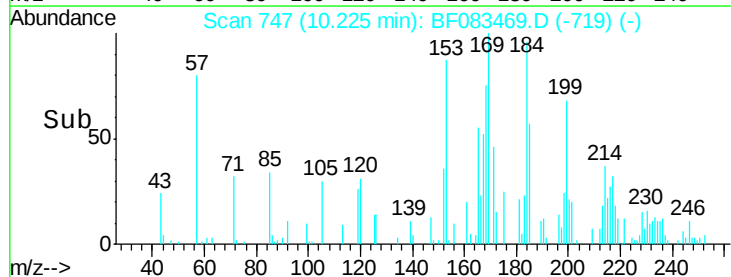
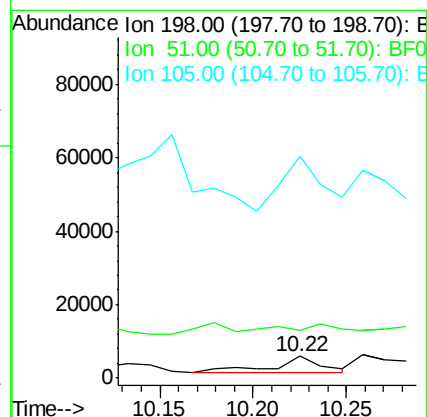
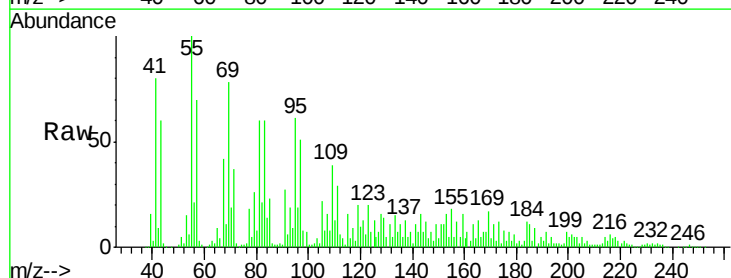
Instrument :
BNA_F
ClientSampleId :
K207-20-25

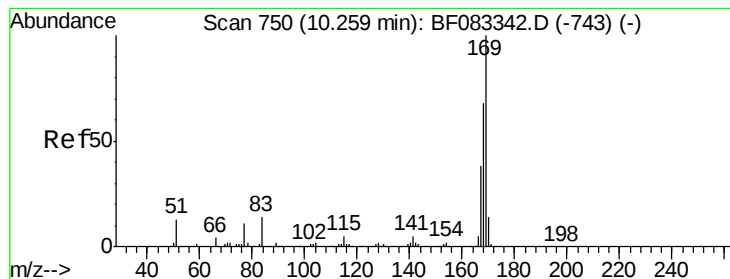
Tgt Ion:188 Resp: 415803
Ion Ratio Lower Upper
188 100
94 16.7 8.7 13.1#
80 18.1 10.3 15.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 2.93 ng
RT: 10.22 min Scan# 747
Delta R.T. 0.02 min
Lab File: BF083469.D
Acq: 3 Dec 2015 19:49

Tgt Ion:198 Resp: 8189
Ion Ratio Lower Upper
198 100
51 218.3 38.3 78.3#
105 1018.8 29.2 69.2#





#65

n-Nitrosodiphenylamine

Concen: 14.54 ng

RT: 10.24 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF083469.D

Acq: 3 Dec 2015 19:49

Instrument :

BNA_F

ClientSampleId :

K207-20-25

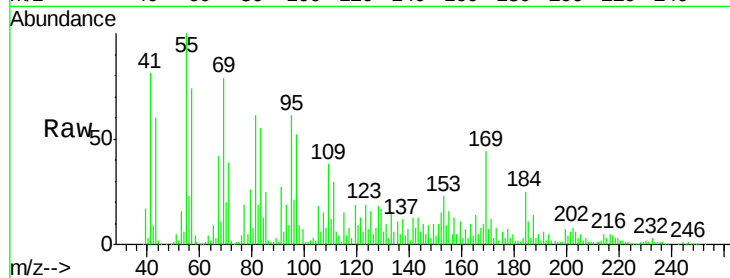
Tgt Ion:169 Resp: 212395

Ion Ratio Lower Upper

169 100

168 22.0 54.8 82.2#

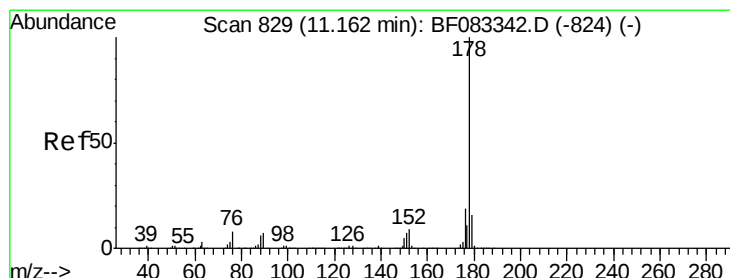
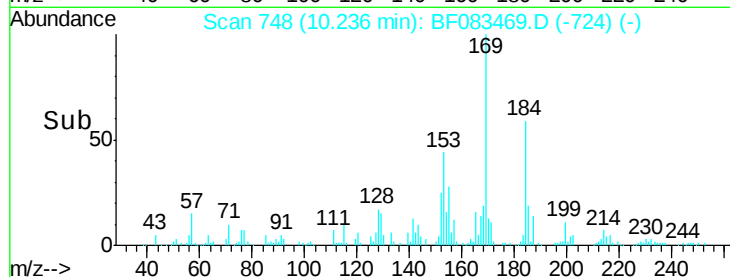
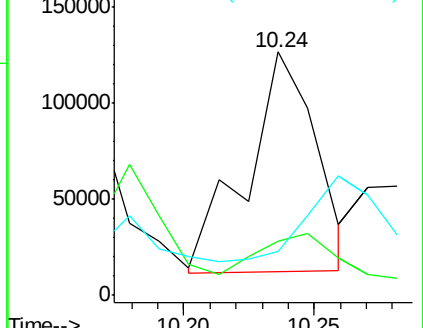
167 17.9 30.2 45.2#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 5.55 ng

RT: 11.14 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF083469.D

Acq: 3 Dec 2015 19:49

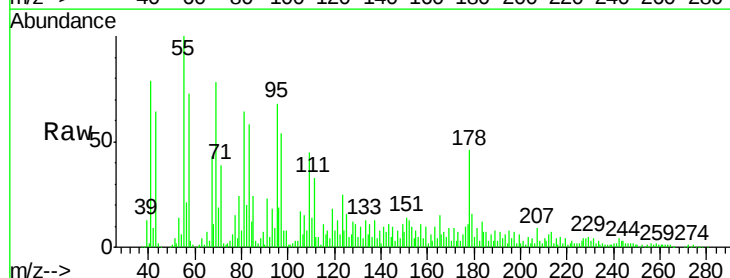
Tgt Ion:178 Resp: 136647

Ion Ratio Lower Upper

178 100

176 20.8 15.3 22.9

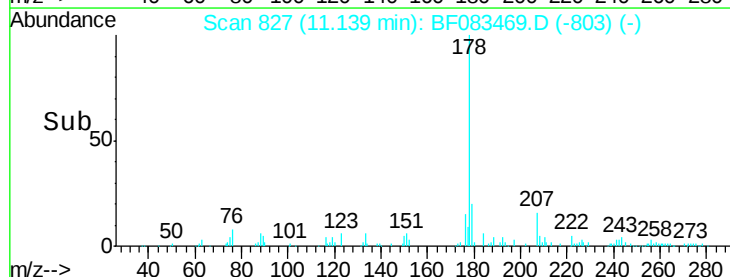
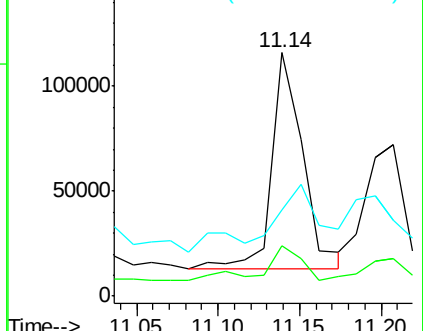
179 35.5 12.4 18.6#

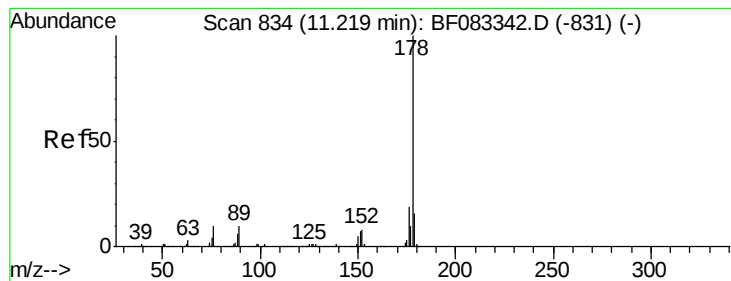


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 2.91 ng

RT: 11.21 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF083469.D

Acq: 3 Dec 2015 19:49

Instrument :

BNA_F

ClientSampleId :

K207-20-25

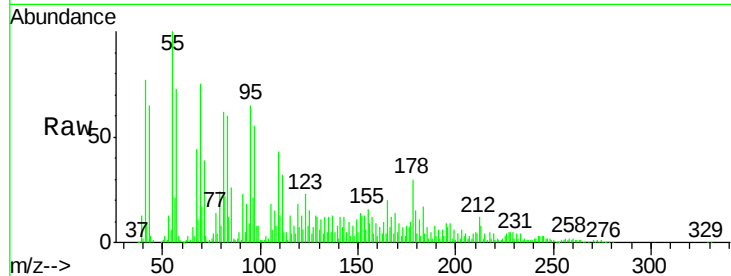
Tgt Ion:178 Resp: 72190

Ion Ratio Lower Upper

178 100

176 24.9 15.6 23.4#

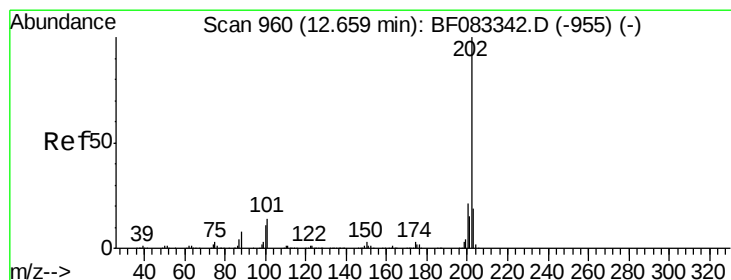
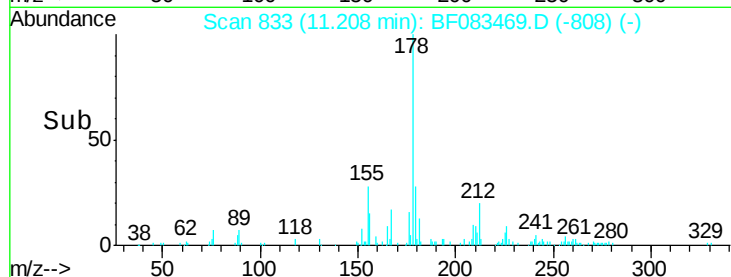
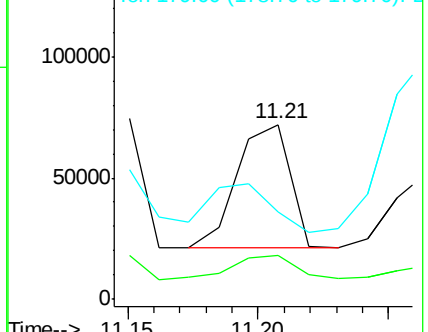
179 49.9 12.8 19.2#



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



#74

Fluoranthene

Concen: 8.92 ng

RT: 12.65 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF083469.D

Acq: 3 Dec 2015 19:49

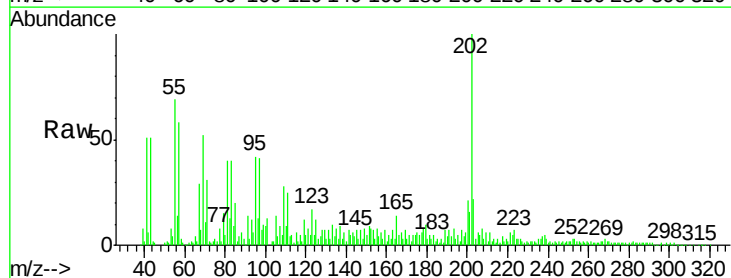
Tgt Ion:202 Resp: 227500

Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.5

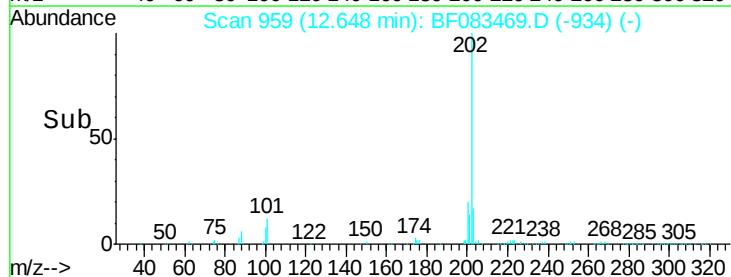
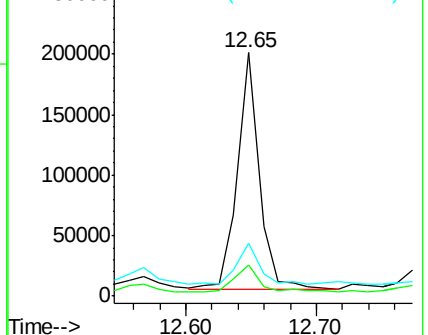
203 21.9 0.0 38.7

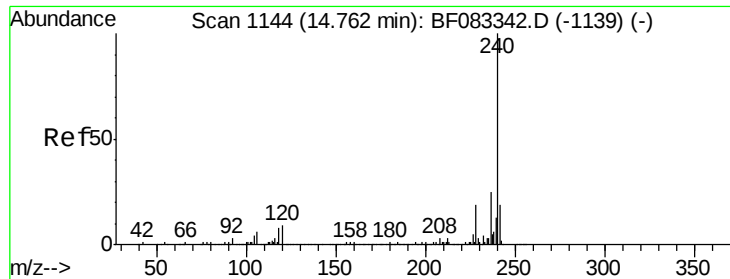


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.73 min Scan# 1141

Delta R.T. -0.03 min

Lab File: BF083469.D

Acq: 3 Dec 2015 19:49

Instrument :

BNA_F

ClientSampleId :

K207-20-25

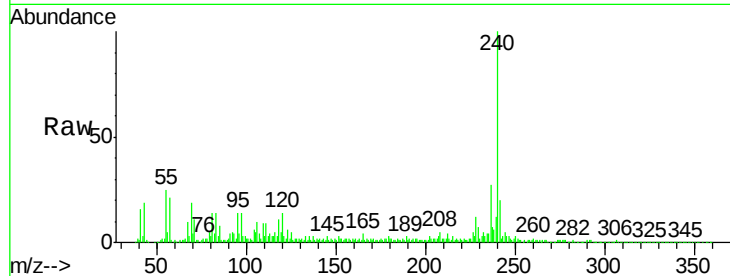
Tgt Ion:240 Resp: 348794

Ion Ratio Lower Upper

240 100

120 13.7 6.9 10.3#

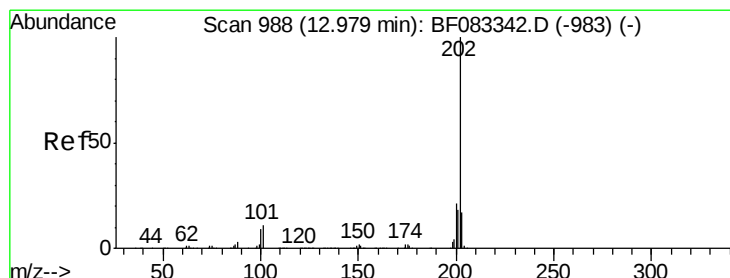
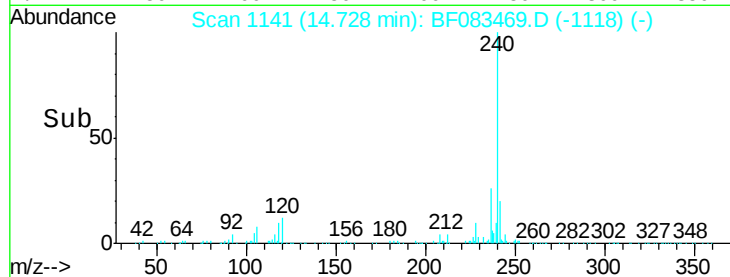
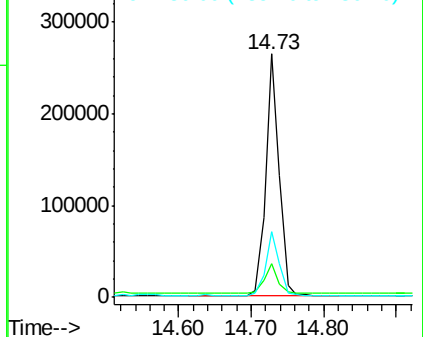
236 26.7 19.8 29.6



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



#77

Pyrene

Concen: 13.54 ng

RT: 12.96 min Scan# 986

Delta R.T. -0.02 min

Lab File: BF083469.D

Acq: 3 Dec 2015 19:49

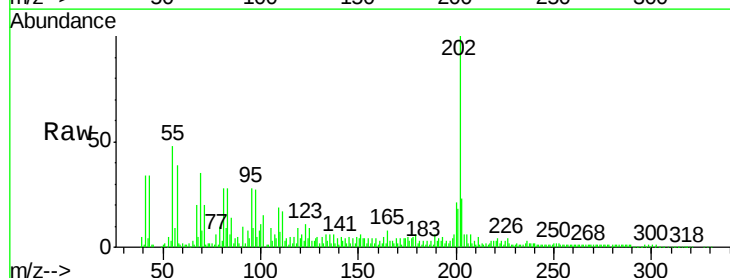
Tgt Ion:202 Resp: 329828

Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

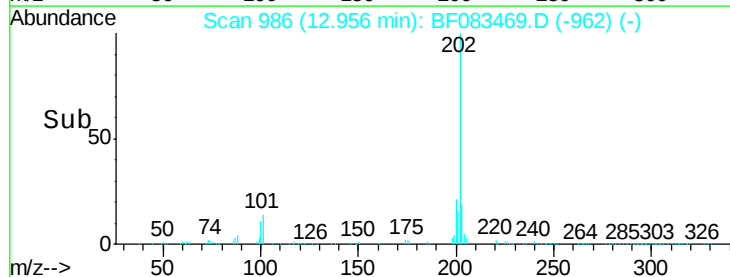
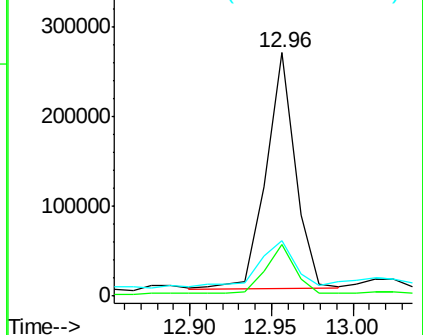
203 22.6 13.9 20.9#

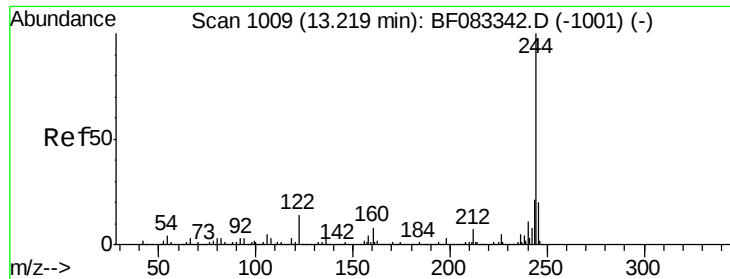


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 73.88 ng

RT: 13.21 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF083469.D

Acq: 3 Dec 2015 19:49

Instrument :

BNA_F

ClientSampleId :

K207-20-25

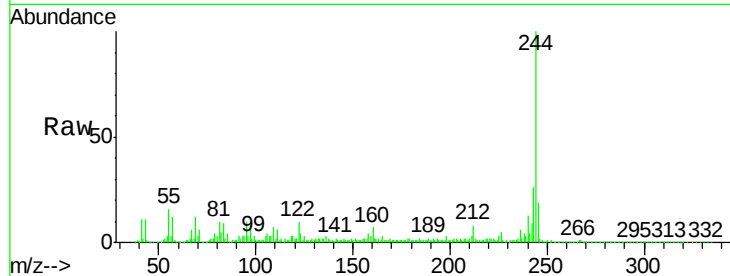
Tgt Ion:244 Resp: 1080562

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

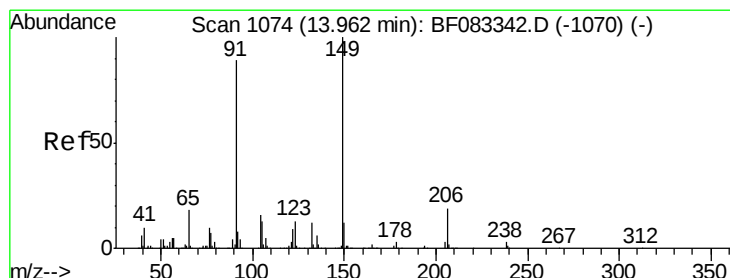
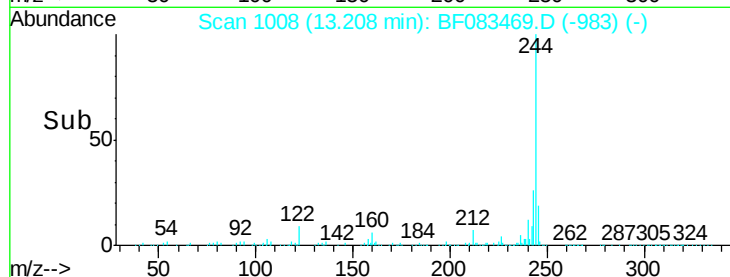
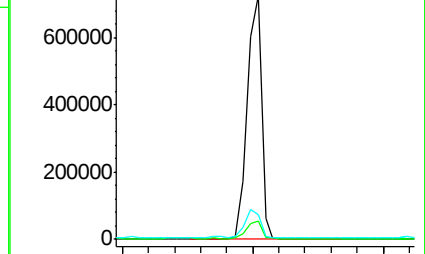
122 10.3 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 6.05 ng

RT: 13.91 min Scan# 1069

Delta R.T. -0.06 min

Lab File: BF083469.D

Acq: 3 Dec 2015 19:49

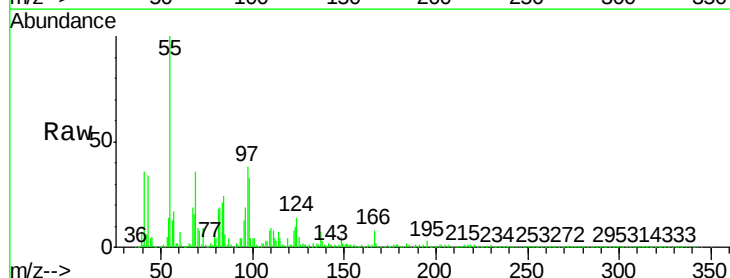
Tgt Ion:149 Resp: 62521

Ion Ratio Lower Upper

149 100

91 133.3 71.4 107.2#

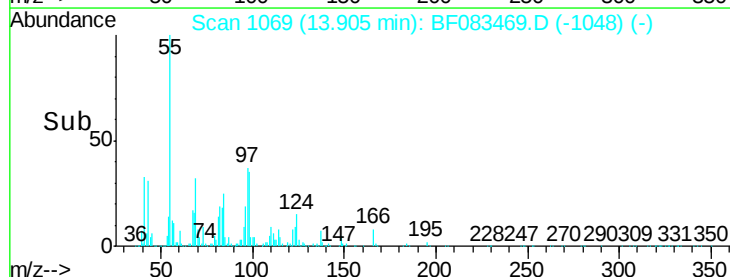
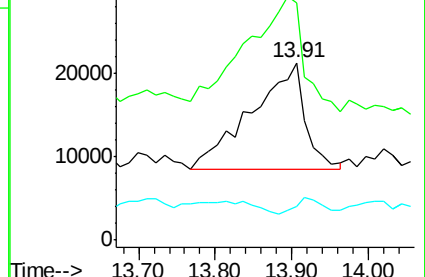
206 19.1 15.1 22.7

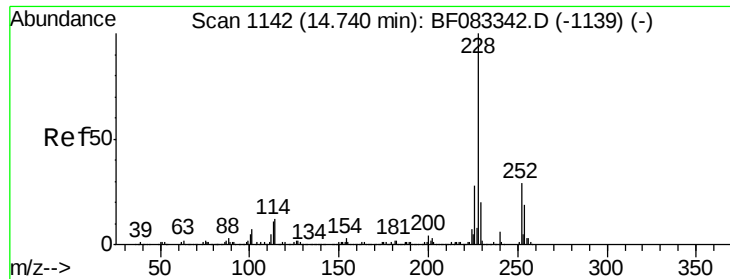


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

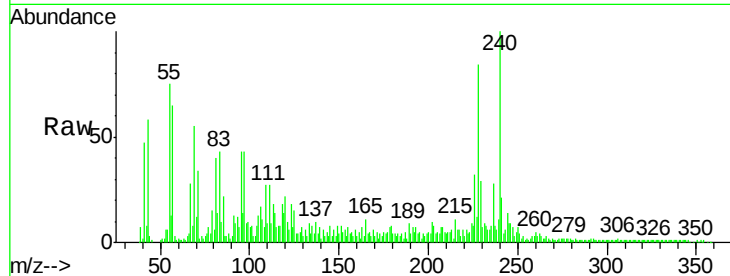




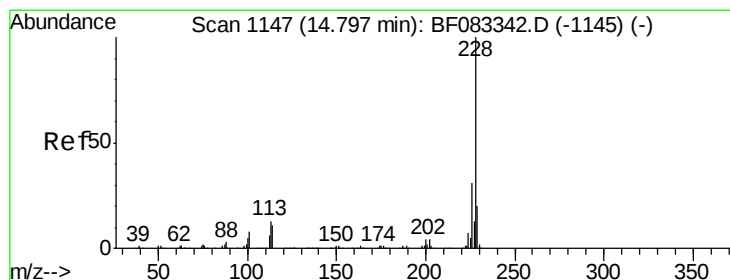
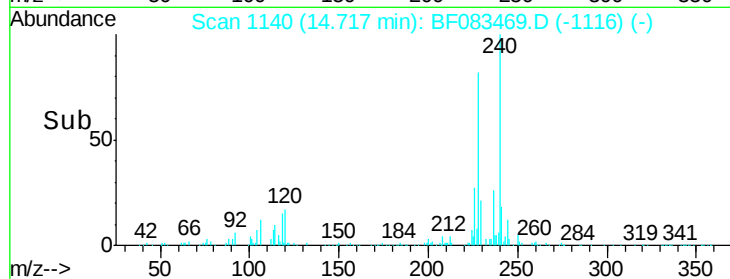
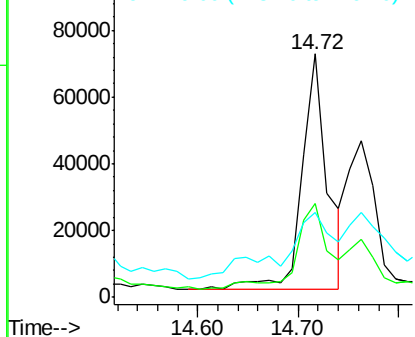
#80
Benzo(a)anthracene
Concen: 5.86 ng
RT: 14.72 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF083469.D
Acq: 3 Dec 2015 19:49

Instrument :
BNA_F
ClientSampleId :
K207-20-25

Tgt Ion:228 Resp: 125278
Ion Ratio Lower Upper
228 100
226 38.4 22.2 33.4#
229 34.9 16.1 24.1#

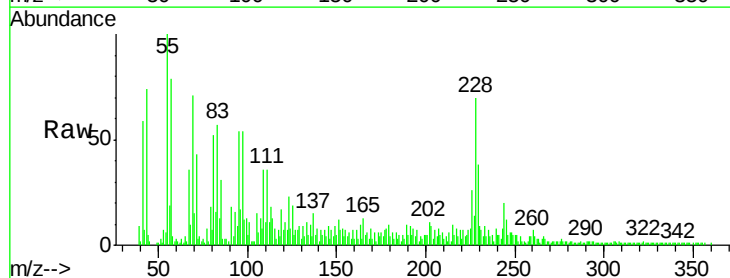


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

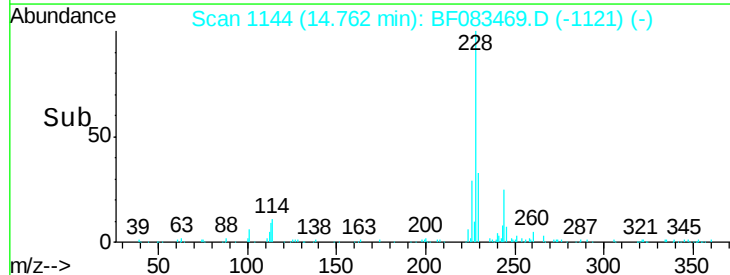
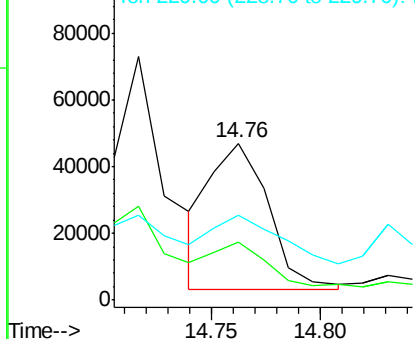


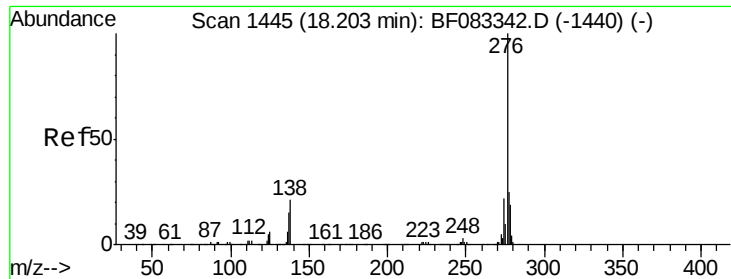
#82
Chrysene
Concen: 3.98 ng
RT: 14.76 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF083469.D
Acq: 3 Dec 2015 19:49

Tgt Ion:228 Resp: 82216
Ion Ratio Lower Upper
228 100
226 37.4 24.6 37.0#
229 54.0 16.2 24.2#



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

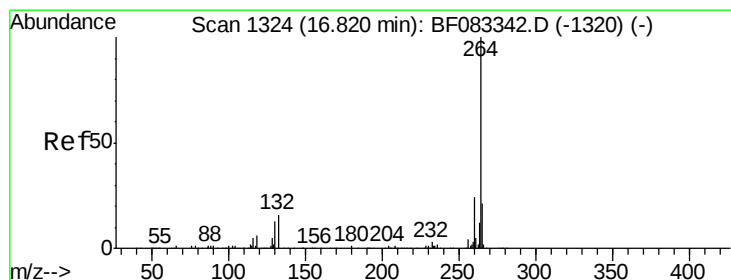
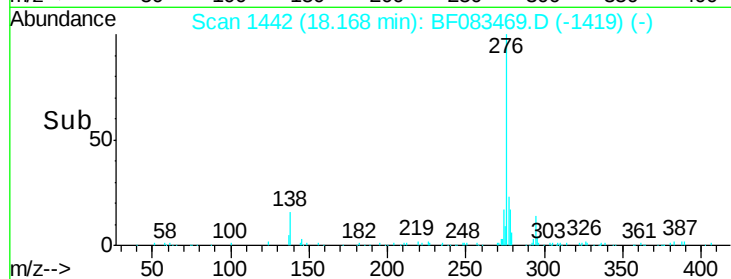
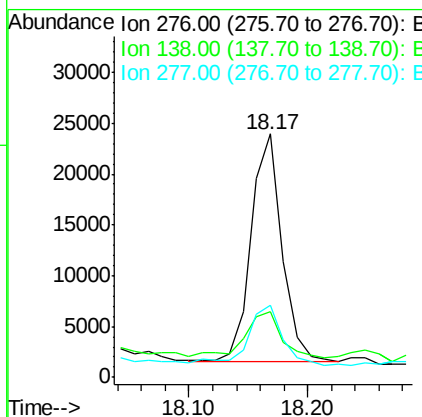
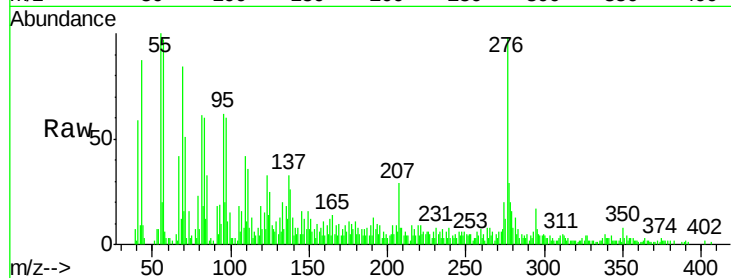




#85
Indeno(1,2,3-cd)pyrene
Concen: 2.72 ng
RT: 18.17 min Scan# 1442
Delta R.T. -0.03 min
Lab File: BF083469.D
Acq: 3 Dec 2015 19:49

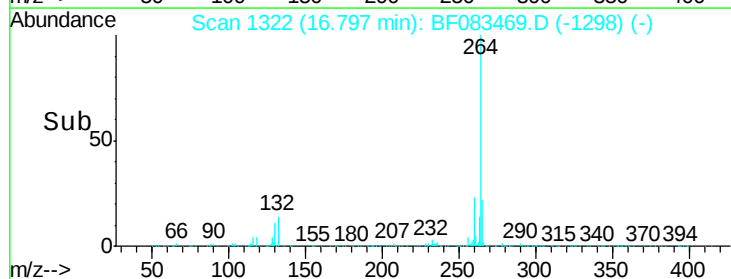
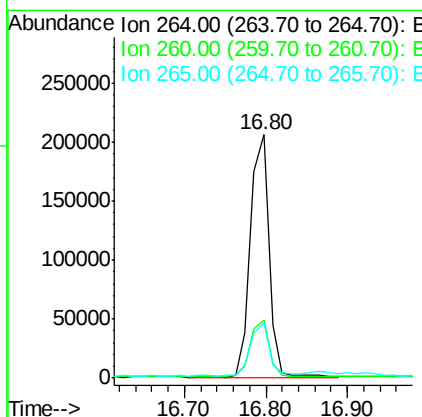
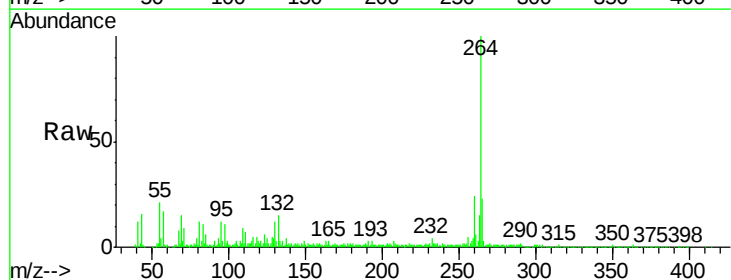
Instrument :
BNA_F
ClientSampleId :
K207-20-25

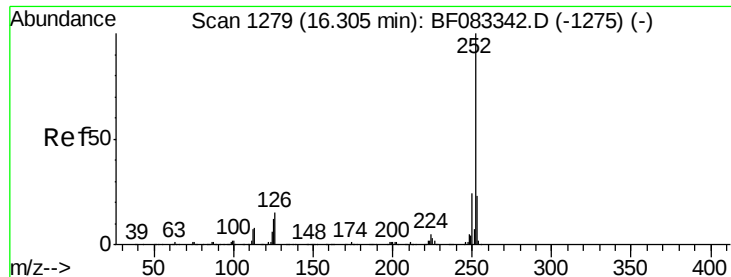
Tgt Ion: 276 Resp: 40915
Ion Ratio Lower Upper
276 100
138 23.3 21.2 31.8
277 29.2 20.0 30.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.80 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF083469.D
Acq: 3 Dec 2015 19:49

Tgt Ion: 264 Resp: 325140
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.4
265 22.6 16.8 25.2





#87

Benzo(b)fluoranthene

Concen: 5.99 ng

RT: 16.28 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF083469.D

Acq: 3 Dec 2015 19:49

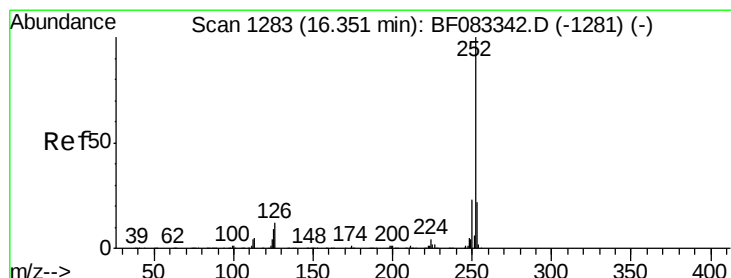
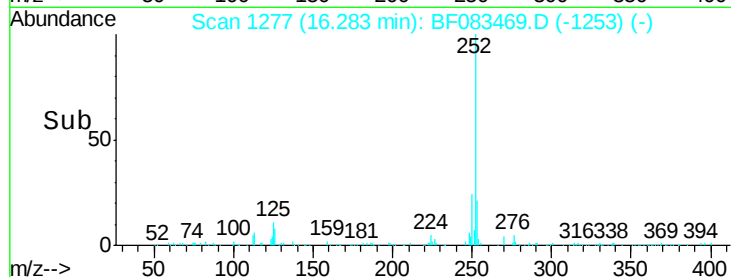
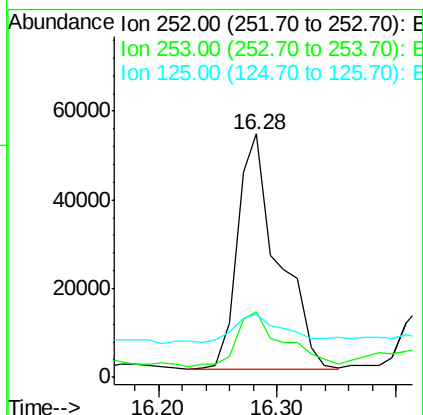
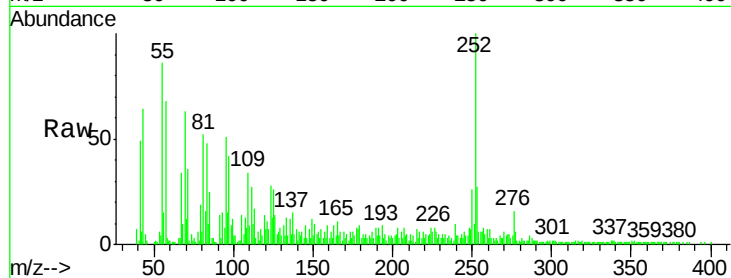
Instrument :

BNA_F

ClientSampleId :

K207-20-25

Tgt Ion:	252	Resp:	125039
Ion Ratio	Lower	Upper	
252	100		
253	26.8	18.4	27.6
125	26.1	9.6	14.4#



#88

Benzo(k)fluoranthene

Concen: 6.35 ng

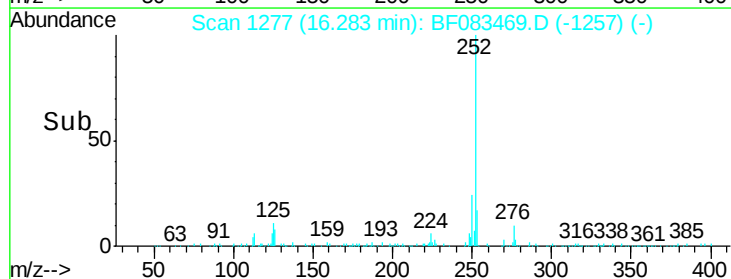
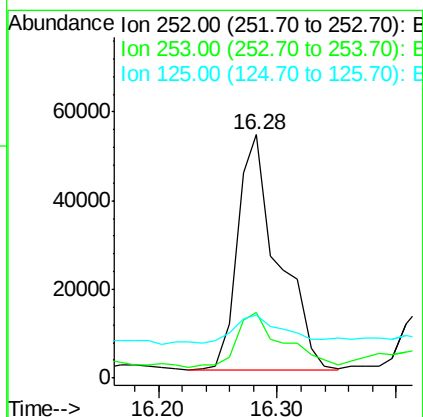
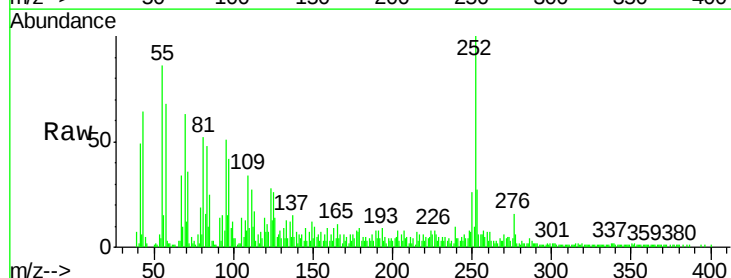
RT: 16.28 min Scan# 1277

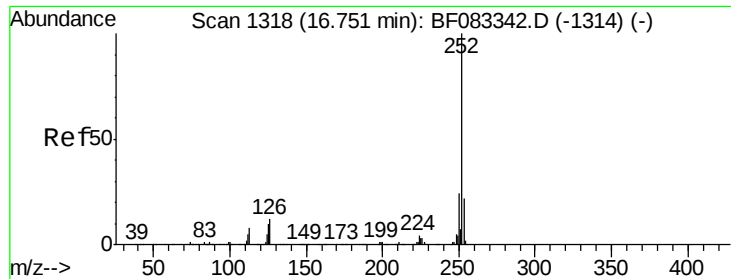
Delta R.T. -0.07 min

Lab File: BF083469.D

Acq: 3 Dec 2015 19:49

Tgt Ion:	252	Resp:	125039
Ion Ratio	Lower	Upper	
252	100		
253	26.8	17.4	26.0#
125	26.1	7.5	11.3#





#89

Benzo(a)pyrene

Concen: 5.35 ng

RT: 16.72 min Scan# 1315

Delta R.T. -0.03 min

Lab File: BF083469.D

Acq: 3 Dec 2015 19:49

Instrument :

BNA_F

ClientSampleId :

K207-20-25

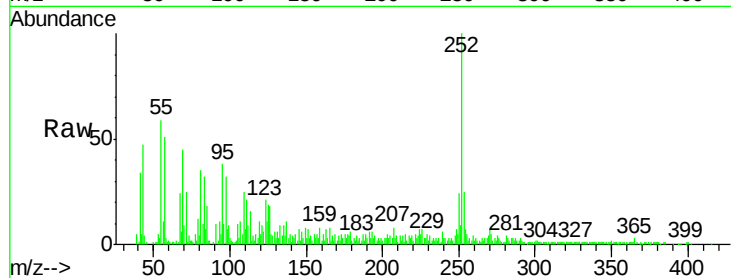
Tgt Ion:252 Resp: 95910

Ion Ratio Lower Upper

252 100

253 24.5 17.5 26.3

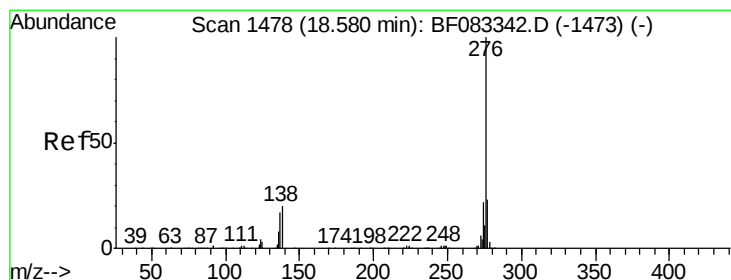
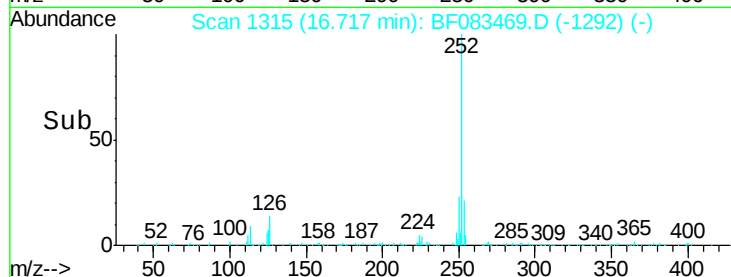
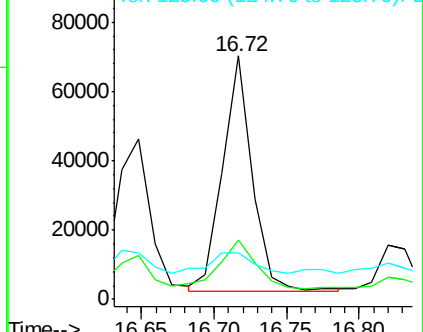
125 18.9 7.8 11.8#



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



#91

Benzo(g,h,i)perylene

Concen: 2.84 ng

RT: 18.53 min Scan# 1474

Delta R.T. -0.05 min

Lab File: BF083469.D

Acq: 3 Dec 2015 19:49

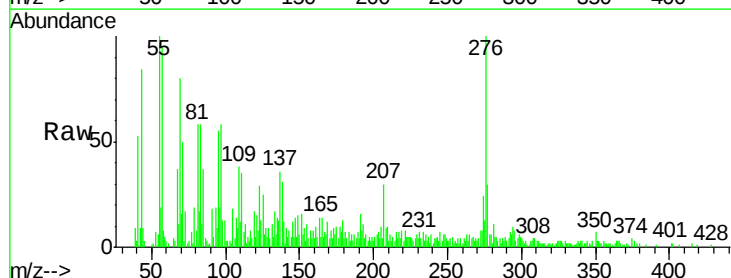
Tgt Ion:276 Resp: 43460

Ion Ratio Lower Upper

276 100

277 29.6 18.6 28.0#

138 30.6 16.1 24.1#



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

