

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
 Data File : BF084554.D
 Acq On : 19 Jan 2016 16:10
 Operator : SJ/UM
 Sample : H1169-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-001(0-2)

Quant Time: Jan 19 23:59:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	161289	20.00	ng	-0.03
21) Naphthalene-d8	8.08	136	610192	20.00	ng	-0.05
38) Acenaphthene-d10	9.84	164	304973	20.00	ng	-0.03
63) Phenanthrene-d10	11.31	188	516791	20.00	ng	-0.05
75) Chrysene-d12	13.95	240	359938	20.00	ng	-0.05
86) Perylene-d12	15.36	264	321140	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	931719	93.44	ng	-0.05
7) Phenol-d6	6.44	99	1331115	106.29	ng	-0.03
23) Nitrobenzene-d5	7.36	82	740202	67.51	ng	-0.05
41) 2,4,6-Tribromophenol	10.62	330	316407	102.76	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	1342652	76.84	ng	-0.03
78) Terphenyl-d14	12.90	244	961147	59.61	ng	-0.05

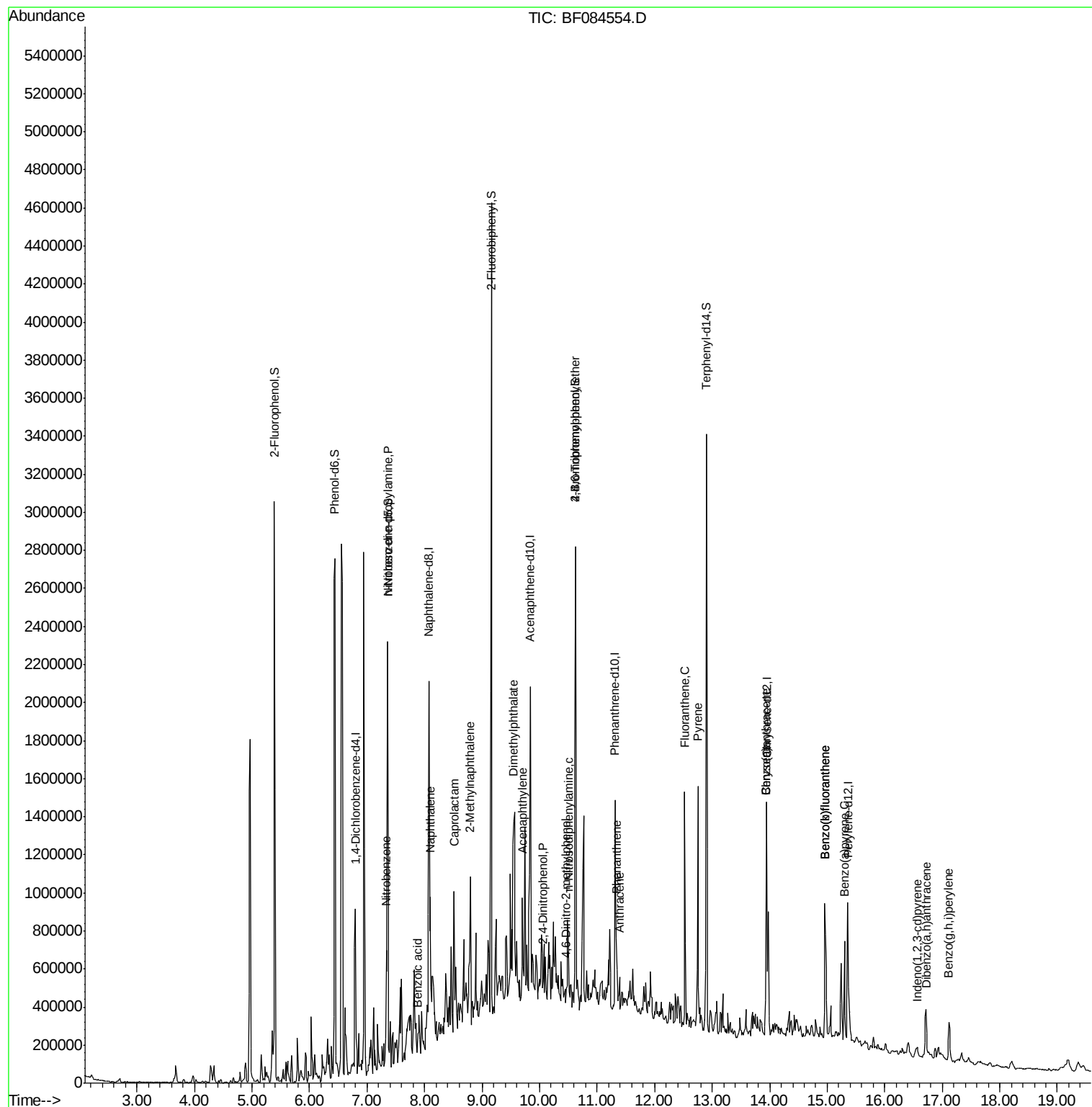
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	114372	13.49	ng	# 67
24) Nitrobenzene	7.33	77	23070	2.07	ng	# 25
31) Naphthalene	8.10	128	218002	7.87	ng	97
32) Benzoic acid	7.87	122	4208	6.80	ng	# 8
35) Caprolactam	8.51	113	16967	5.90	ng	# 1
37) 2-Methylnaphthalene	8.80	142	228417	11.49	ng	98
48) Acenaphthylene	9.70	152	71479	2.54	ng	# 88
49) Dimethylphthalate	9.55	163	274080	12.57	ng	# 95
53) 2,4-Dinitrophenol	10.05	184	1154	4.10	ng	# 1
54) Dibenzofuran	10.04	168	27499	Below Cal		# 56
57) Fluorene	10.37	166	28404	Below Cal		# 84
60) 4-Chlorophenyl-phenylether	10.40	204	1064	Below Cal		# 1
64) 4,6-Dinitro-2-methylphenol	10.45	198	604	6.57	ng	# 1
65) n-Nitrosodiphenylamine	10.50	169	49110	2.97	ng	# 40
66) 4-Bromophenyl-phenylether	10.62	248	20548	3.69	ng	# 1
70) Phenanthrene	11.33	178	158375	5.86	ng	97
71) Anthracene	11.39	178	66337	2.50	ng	98
73) Di-n-butylphthalate	11.88	149	9750	Below Cal		# 72
74) Fluoranthene	12.52	202	513180	18.17	ng	100
77) Pyrene	12.75	202	514028	18.20	ng	100
80) Benzo(a)anthracene	13.94	228	347217	16.43	ng	# 92
82) Chrysene	13.94	228	347217	17.10	ng	96
85) Indeno(1,2,3-cd)pyrene	16.57	276	37126	2.31	ng	93
87) Benzo(b)fluoranthene	14.96	252	525507	25.02	ng	# 95
88) Benzo(k)fluoranthene	14.96	252	525507	30.59	ng	99
89) Benzo(a)pyrene	15.30	252	230889	12.96	ng	# 96
90) Dibenzo(a,h)anthracene	16.73	278	54966	3.58	ng	# 91
91) Benzo(g,h,i)perylene	17.12	276	155105	9.77	ng	98

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

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Sample : H1169-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

Quant Time: Jan 19 23:59:35 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.03 min

Lab File: BF084554.D

Acq: 19 Jan 2016 16:10

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)

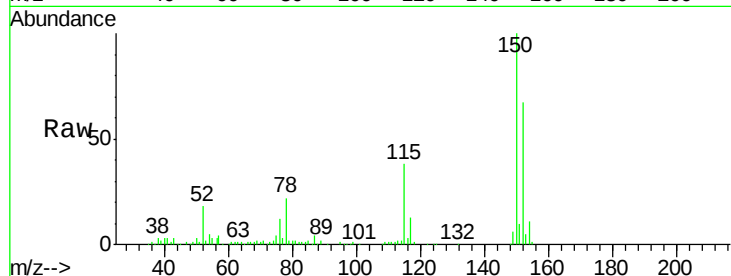
Tgt Ion:152 Resp: 161289

Ion Ratio Lower Upper

152 100

150 149.6 123.0 184.4

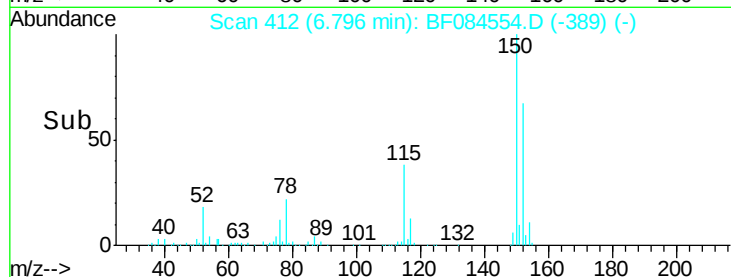
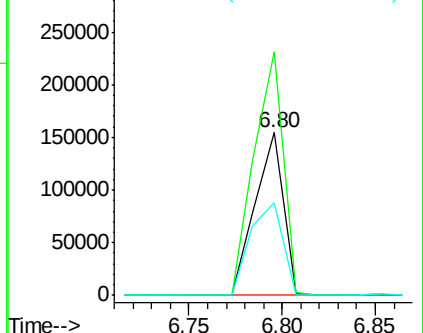
115 56.9 51.4 77.2



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: 93.44 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.05 min

Lab File: BF084554.D

Acq: 19 Jan 2016 16:10

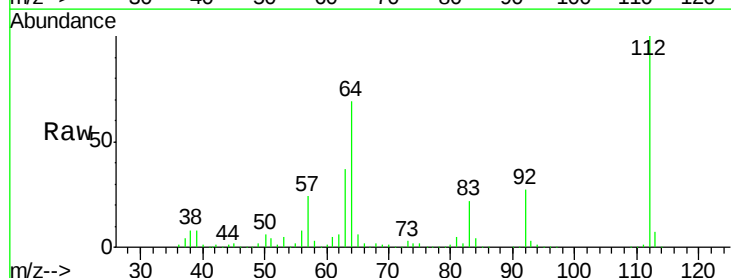
Tgt Ion:112 Resp: 931719

Ion Ratio Lower Upper

112 100

64 69.5 36.6 55.0#

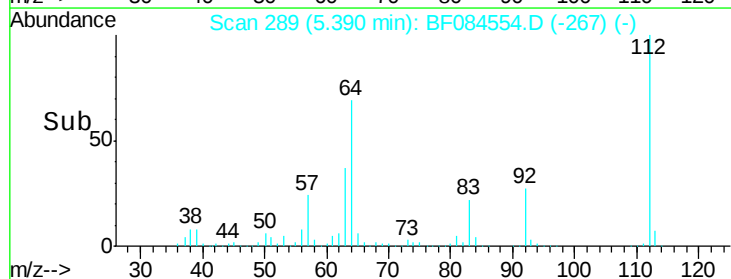
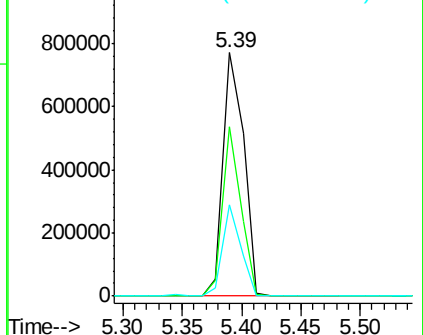
63 37.3 19.4 29.0#

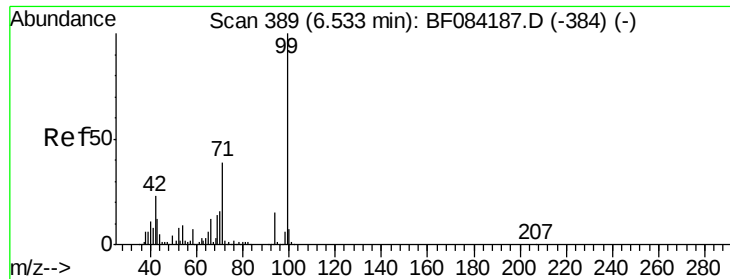


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 106.29 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.03 min

Lab File: BF084554.D

Acq: 19 Jan 2016 16:10

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)

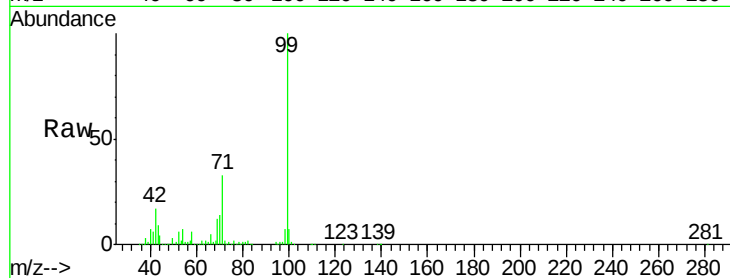
Tgt Ion: 99 Resp: 1331115

Ion Ratio Lower Upper

99 100

42 16.9 12.8 19.2

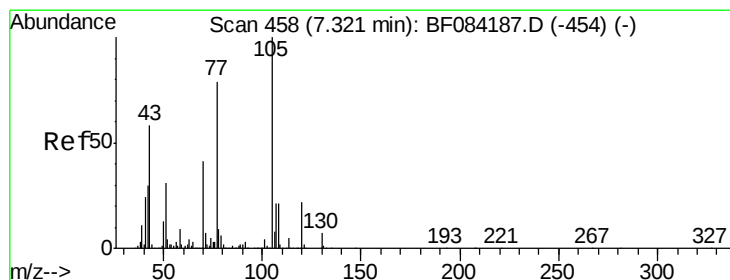
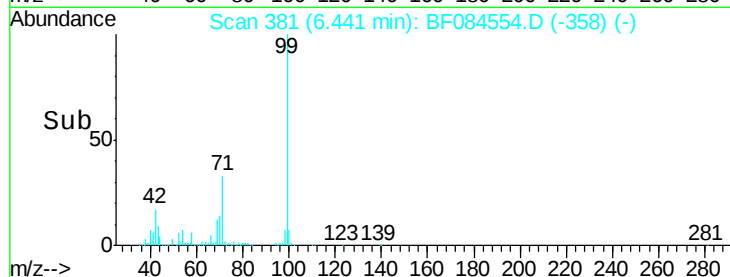
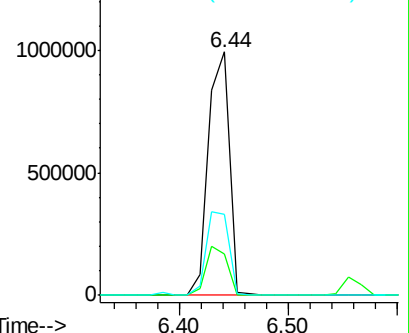
71 33.5 30.9 46.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.49 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.10 min

Lab File: BF084554.D

Acq: 19 Jan 2016 16:10

Tgt Ion: 70 Resp: 114372

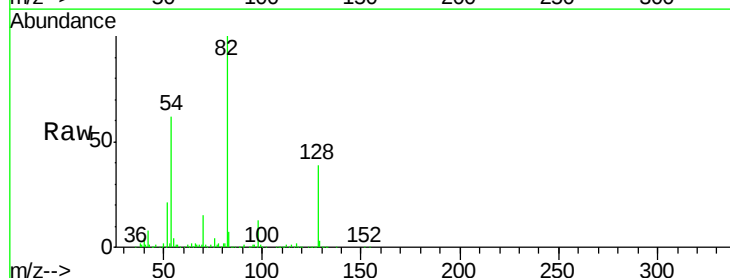
Ion Ratio Lower Upper

70 100

42 55.0 33.3 49.9#

101 0.0 9.3 13.9#

130 1.8 23.4 35.0#

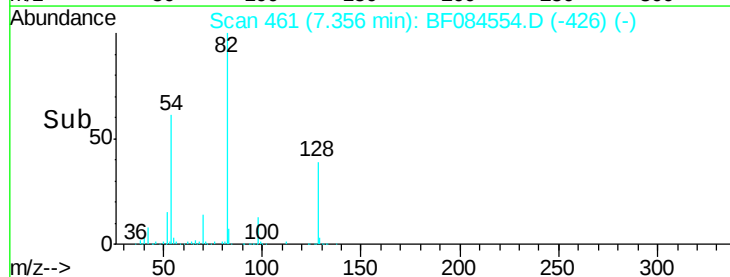
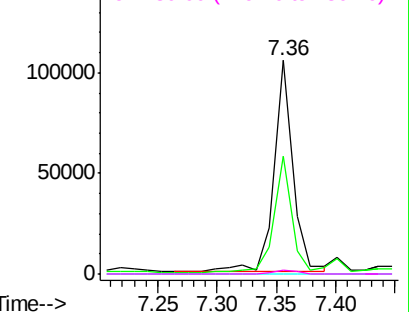


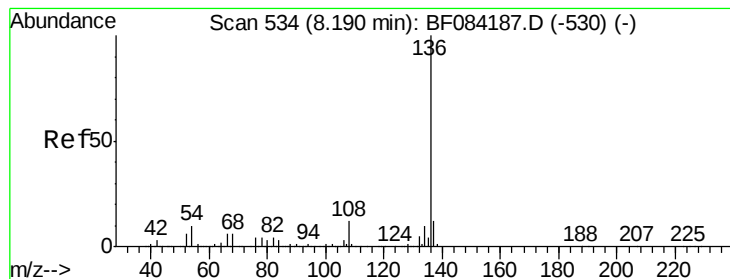
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.05 min

Lab File: BF084554.D

Acq: 19 Jan 2016 16:10

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)

Tgt Ion:136 Resp: 610192

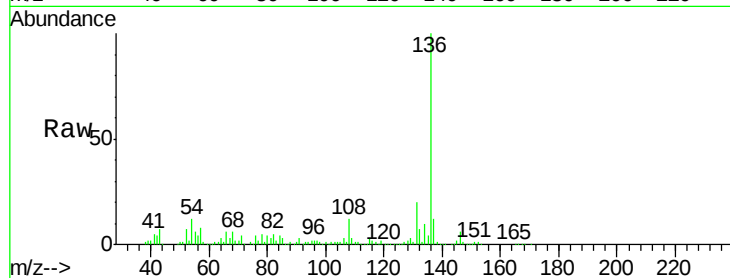
Ion Ratio Lower Upper

136 100

137 11.7 8.7 13.1

54 12.0 5.8 8.8#

68 5.8 4.2 6.2

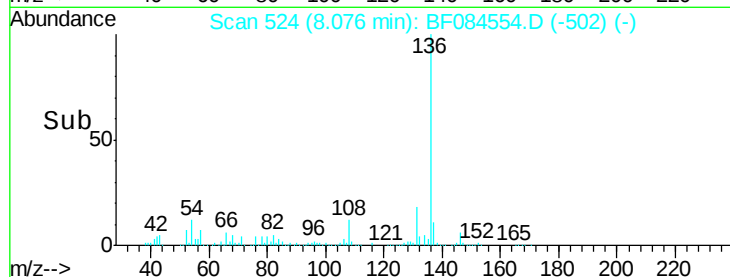


Abundance Ion 136.00 (135.70 to 136.70): E

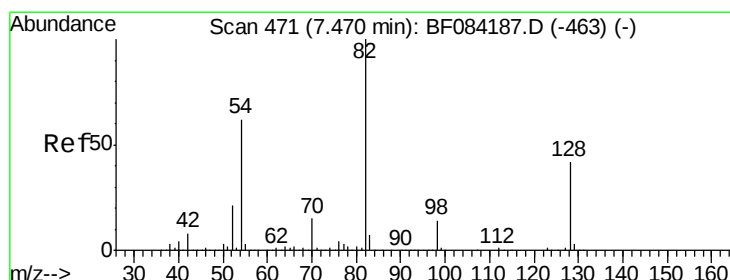
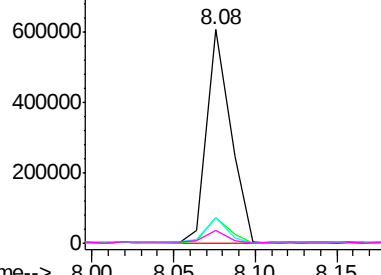
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 67.51 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.05 min

Lab File: BF084554.D

Acq: 19 Jan 2016 16:10

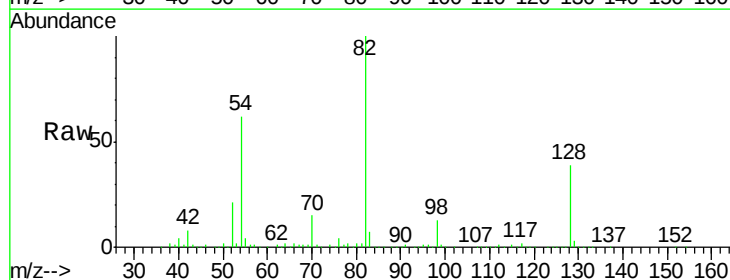
Tgt Ion: 82 Resp: 740202

Ion Ratio Lower Upper

82 100

128 38.6 34.6 51.8

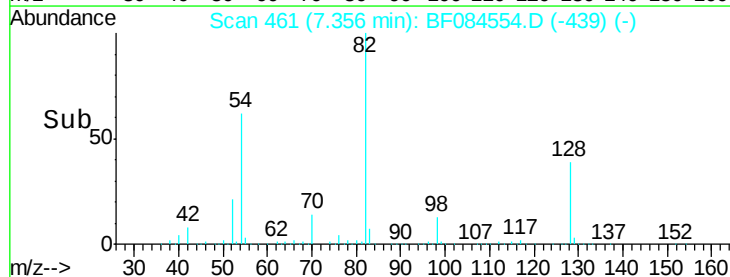
54 62.3 38.4 57.6#



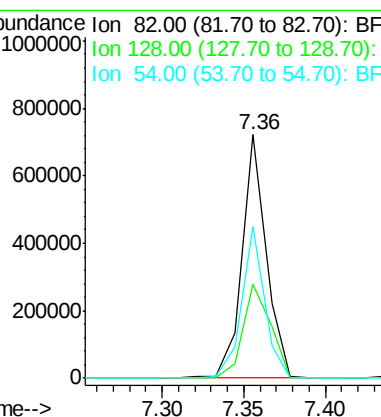
Abundance Ion 82.00 (81.70 to 82.70): BF0

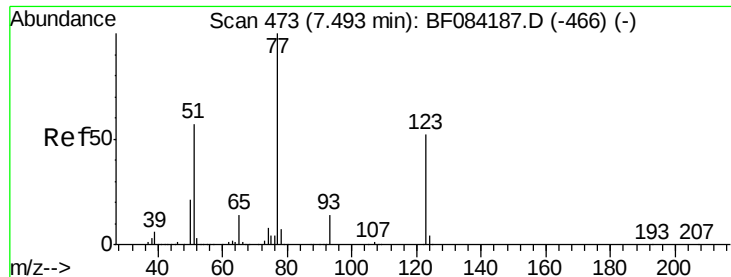
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->

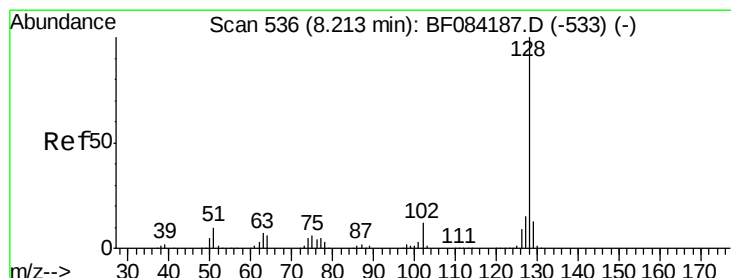
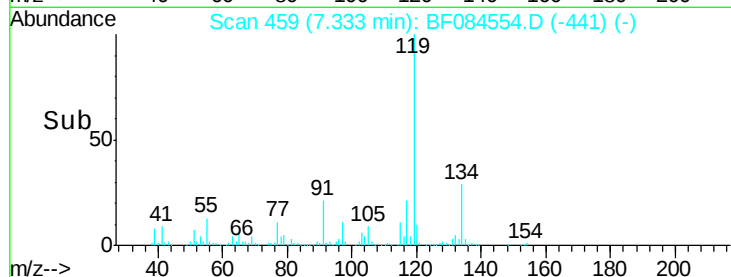
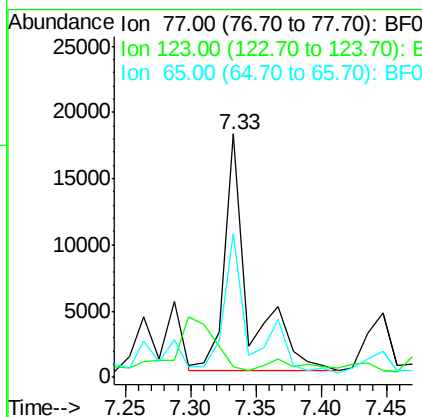
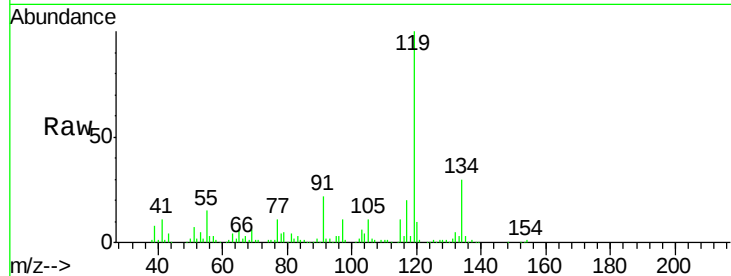




#24
Nitrobenzene
Concen: 2.07 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.09 min
Lab File: BF084554.D
Acq: 19 Jan 2016 16:10

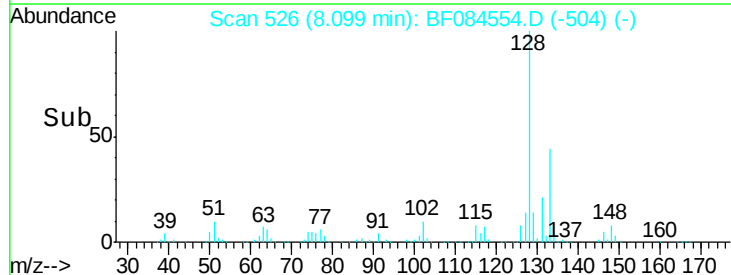
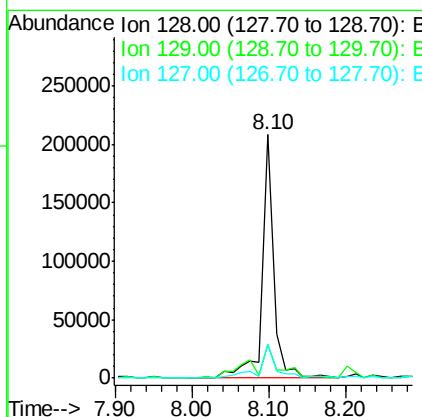
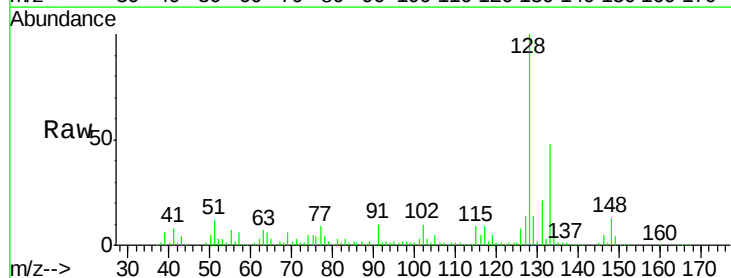
Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

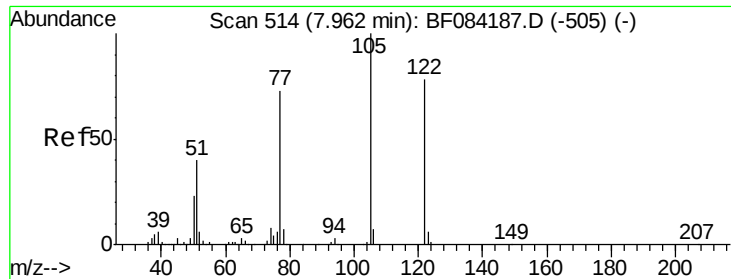
Tgt Ion	Ratio	Lower	Upper
77	100		
123	4.2	37.4	56.2#
65	58.8	10.9	16.3#



#31
Naphthalene
Concen: 7.87 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF084554.D
Acq: 19 Jan 2016 16:10

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.1	13.7
127	13.9	11.1	16.7

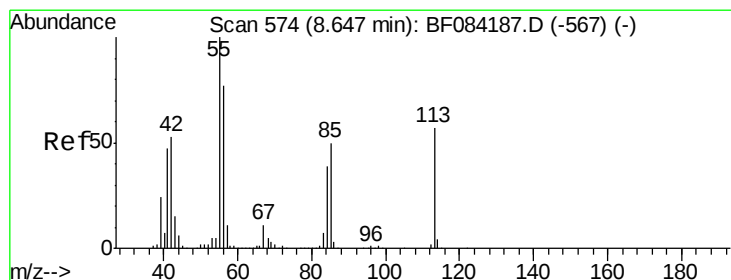
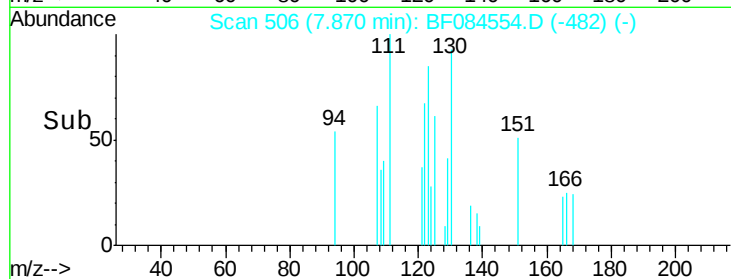
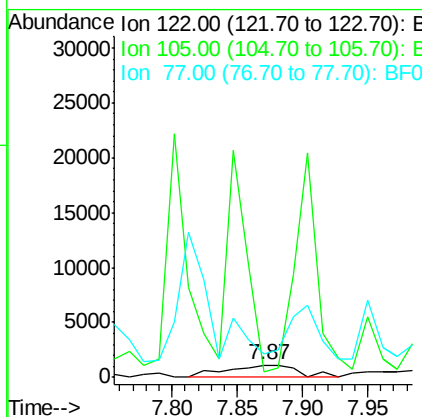
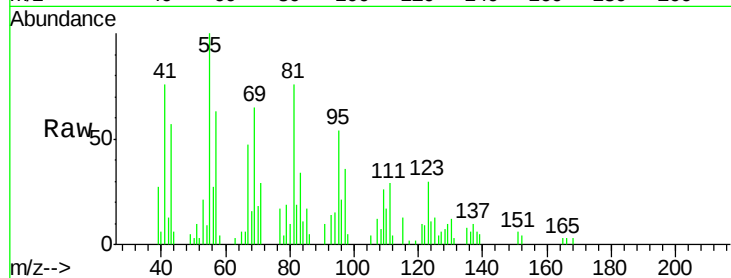




#32
Benzoic acid
Concen: 6.80 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF084554.D
Acq: 19 Jan 2016 16:10

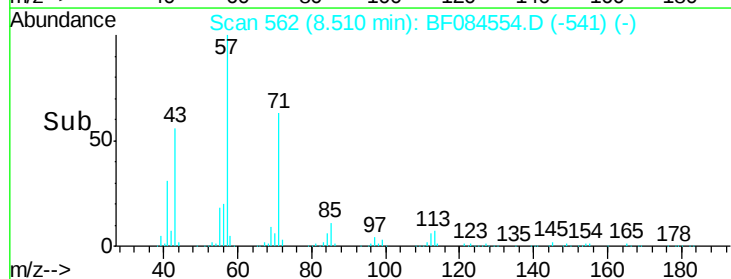
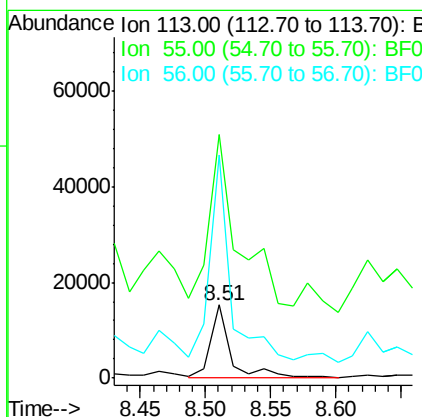
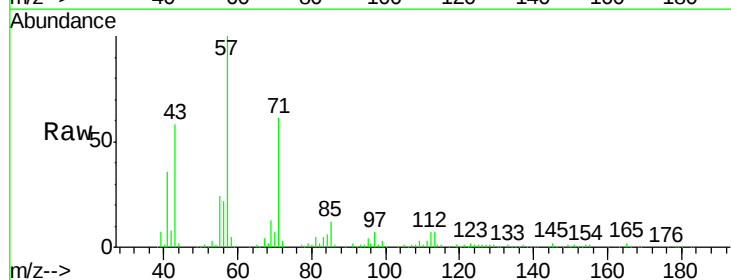
Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

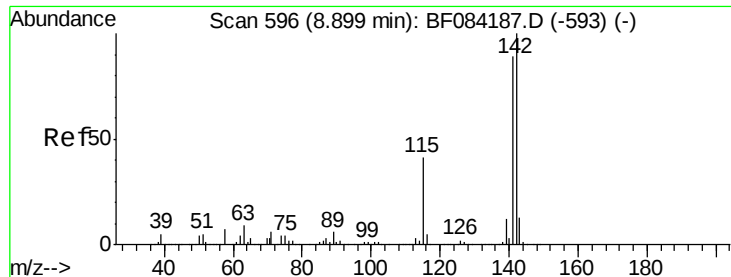
Tgt Ion:122 Resp: 4208
Ion Ratio Lower Upper
122 100
105 41.2 100.3 140.3#
77 193.6 63.5 103.5#



#35
Caprolactam
Concen: 5.90 ng
RT: 8.51 min Scan# 562
Delta R.T. -0.06 min
Lab File: BF084554.D
Acq: 19 Jan 2016 16:10

Tgt Ion:113 Resp: 16967
Ion Ratio Lower Upper
113 100
55 332.6 116.9 156.9#
56 304.0 93.8 133.8#

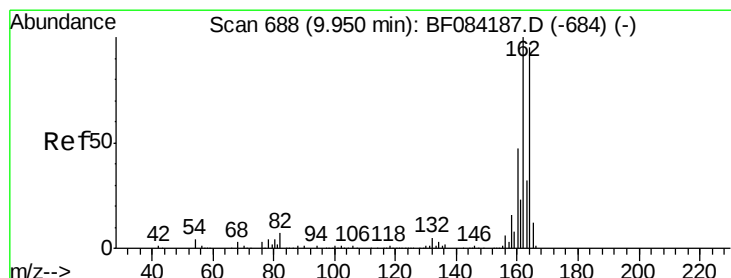
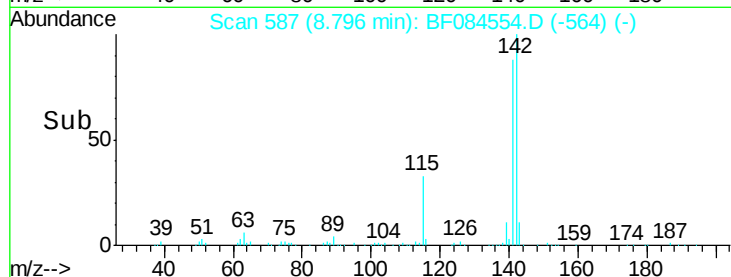
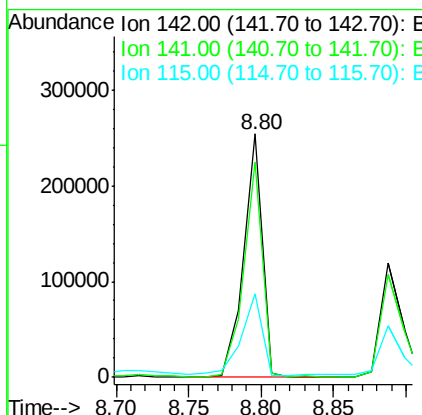
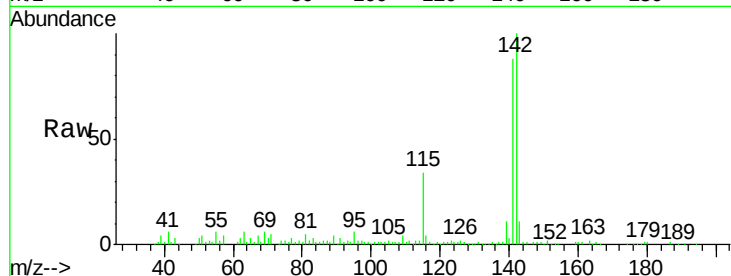




#37
 2-Methylnaphthalene
 Concen: 11.49 ng
 RT: 8.80 min Scan# 587
 Delta R.T. -0.03 min
 Lab File: BF084554.D
 Acq: 19 Jan 2016 16:10

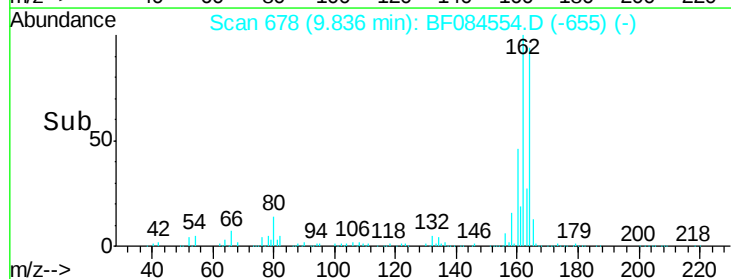
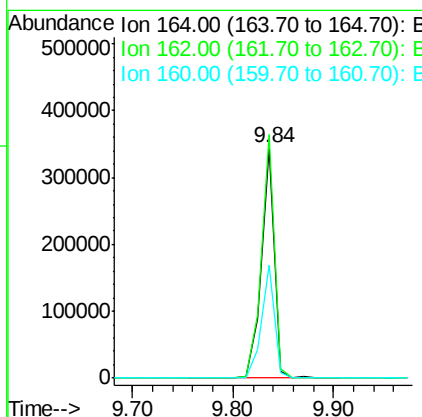
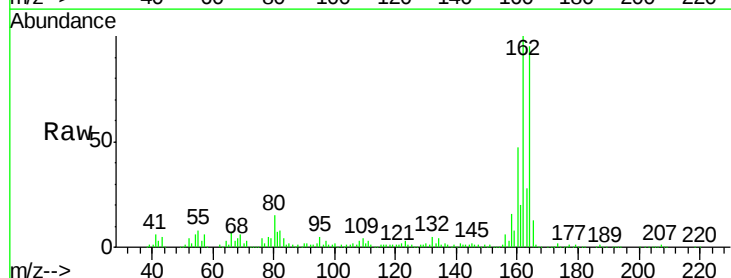
Instrument :
 BNA_F
 ClientSampleId :
 SP-001(0-2)

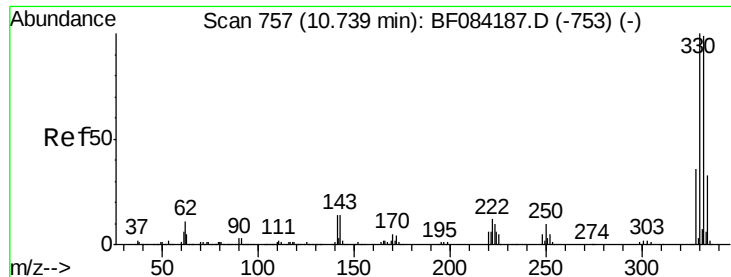
Tgt Ion:142 Resp: 228417
 Ion Ratio Lower Upper
 142 100
 141 88.4 72.4 108.6
 115 34.3 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.03 min
 Lab File: BF084554.D
 Acq: 19 Jan 2016 16:10

Tgt Ion:164 Resp: 304973
 Ion Ratio Lower Upper
 164 100
 162 105.8 85.1 127.7
 160 49.3 37.5 56.3

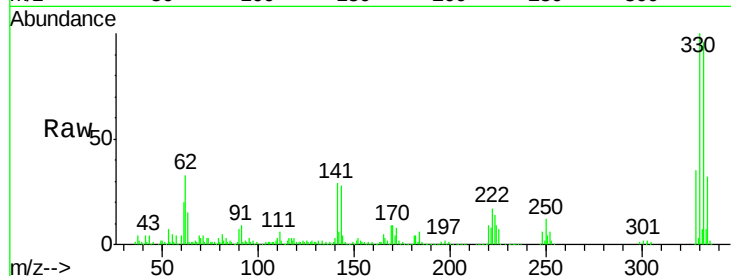




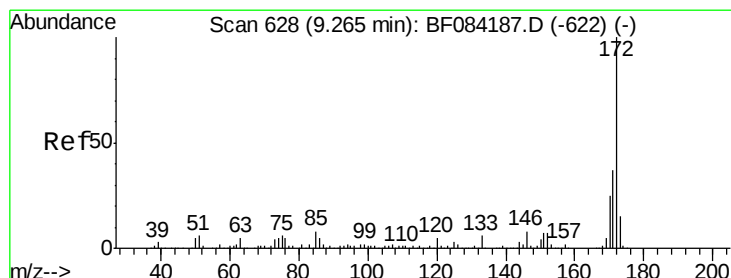
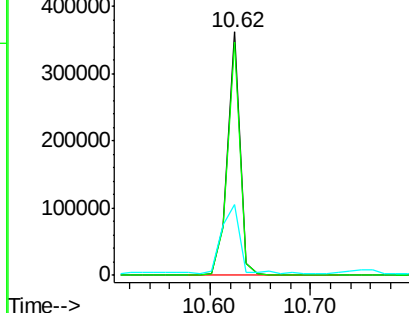
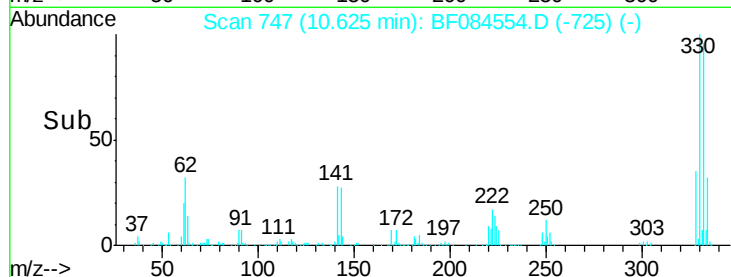
#41
 2,4,6-Tribromophenol
 Concen: 102.76 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.05 min
 Lab File: BF084554.D
 Acq: 19 Jan 2016 16:10

Instrument :
 BNA_F
 ClientSampleId :
 SP-001(0-2)

Tgt Ion:330 Resp: 316407
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 41.2 27.8 41.6

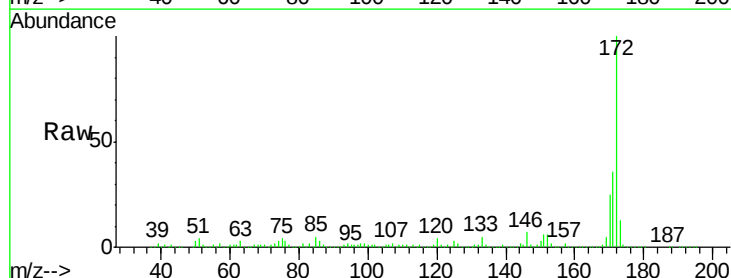


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

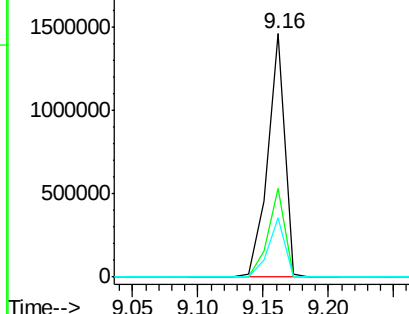
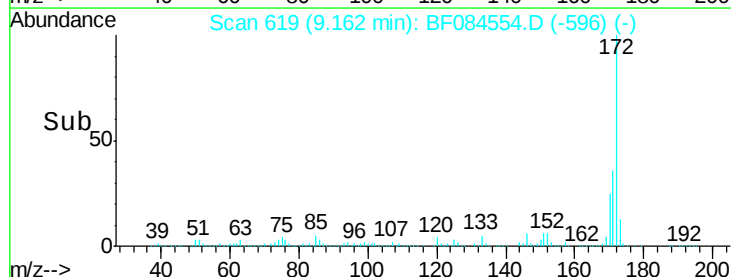


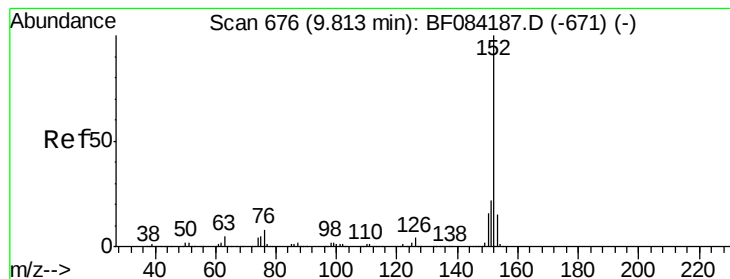
#44
 2-Fluorobiphenyl
 Concen: 76.84 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.03 min
 Lab File: BF084554.D
 Acq: 19 Jan 2016 16:10

Tgt Ion:172 Resp: 1342652
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 24.5 18.6 27.8



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





#48

Acenaphthylene

Concen: 2.54 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084554.D

Acq: 19 Jan 2016 16:10

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)

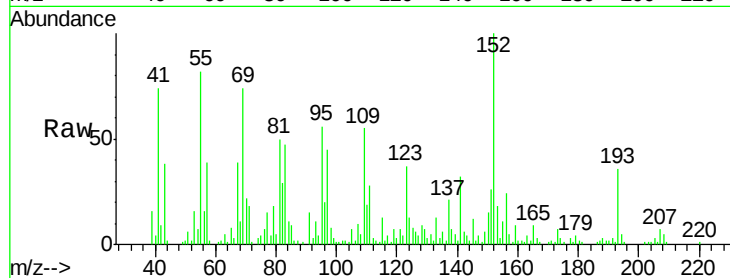
Tgt Ion:152 Resp: 71479

Ion Ratio Lower Upper

152 100

151 25.6 16.3 24.5#

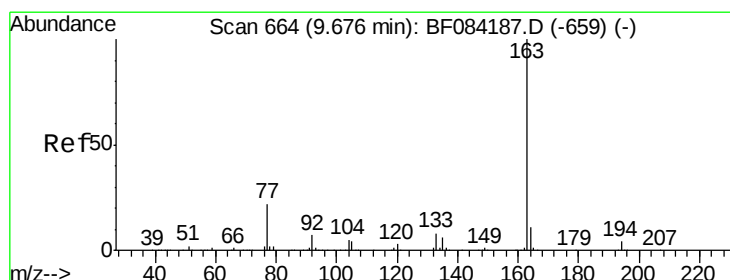
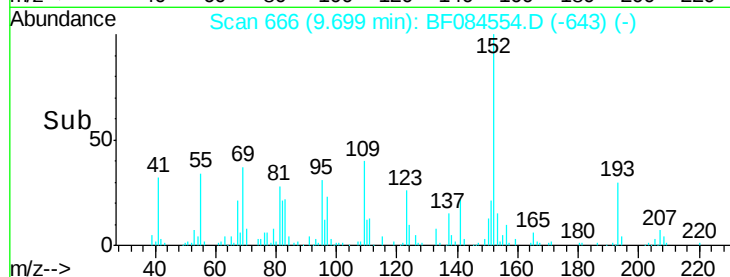
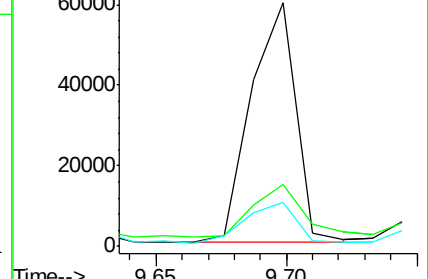
153 17.8 10.4 15.6#



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: 12.57 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.06 min

Lab File: BF084554.D

Acq: 19 Jan 2016 16:10

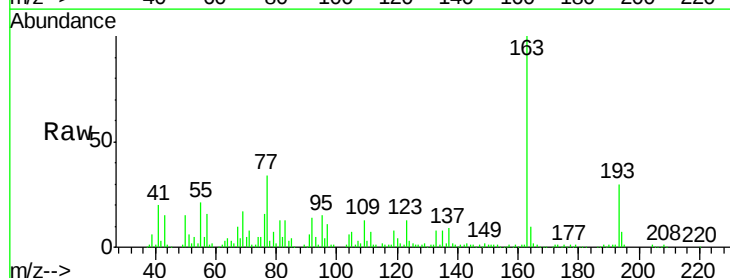
Tgt Ion:163 Resp: 274080

Ion Ratio Lower Upper

163 100

194 6.7 8.0 12.0#

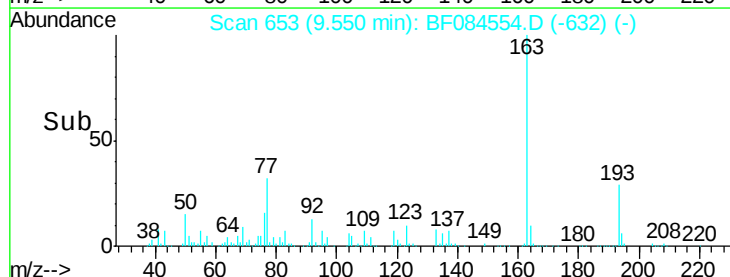
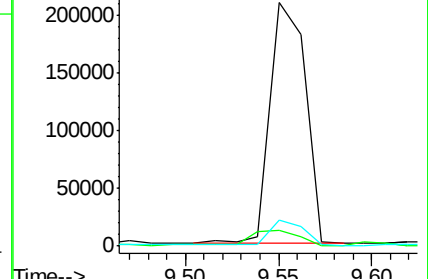
164 10.5 8.0 12.0

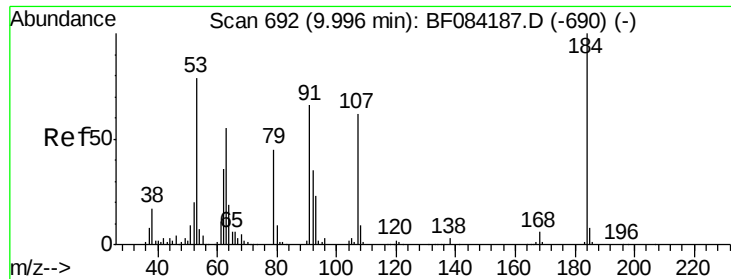


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

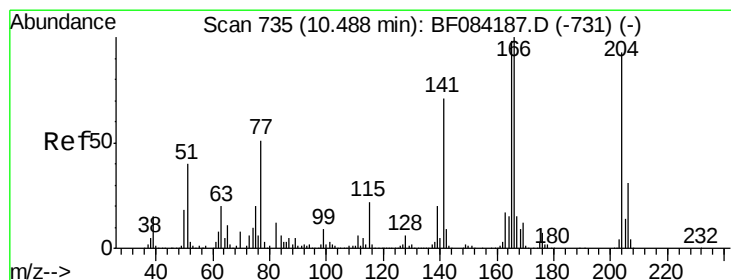
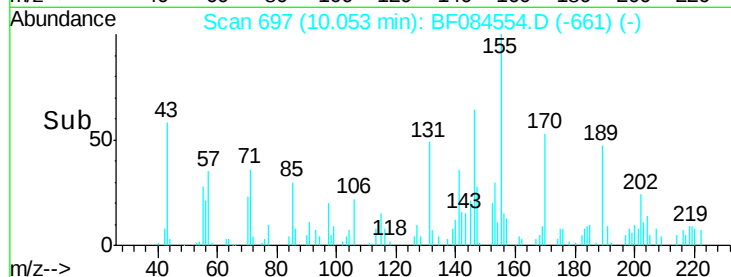
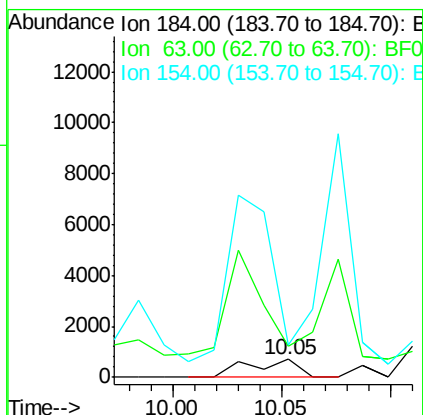
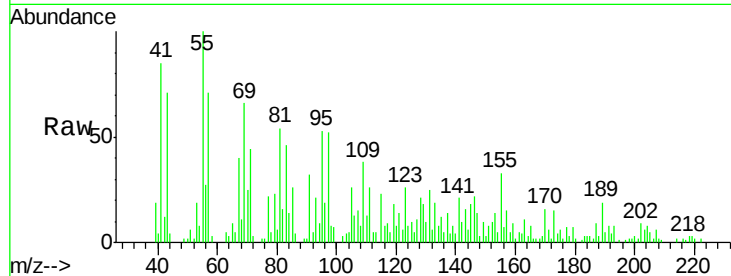




#53
 2,4-Dinitrophenol
 Concen: 4.10 ng
 RT: 10.05 min Scan# 697
 Delta R.T. 0.11 min
 Lab File: BF084554.D
 Acq: 19 Jan 2016 16:10

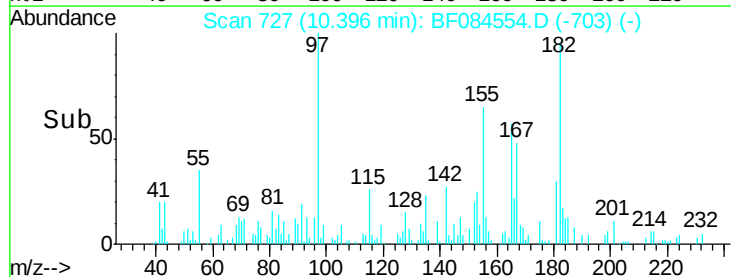
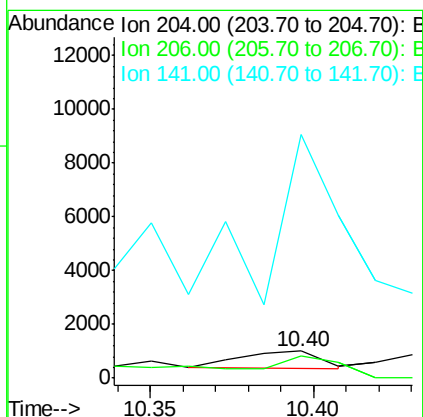
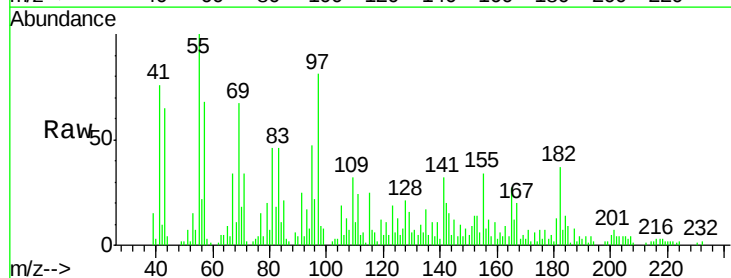
Instrument :
 BNA_F
 ClientSampleId :
 SP-001(0-2)

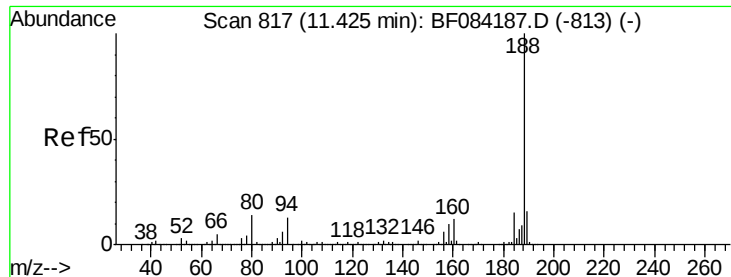
Tgt Ion:184 Resp: 1154
 Ion Ratio Lower Upper
 184 100
 63 172.0 43.1 64.7#
 154 178.6 60.5 90.7#



#60
 4-Chlorophenyl-phenylether
 Concen: Below Cal
 RT: 10.40 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: BF084554.D
 Acq: 19 Jan 2016 16:10

Tgt Ion:204 Resp: 1064
 Ion Ratio Lower Upper
 204 100
 206 82.8 25.7 38.5#
 141 907.6 55.1 82.7#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.05 min

Lab File: BF084554.D

Acq: 19 Jan 2016 16:10

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)

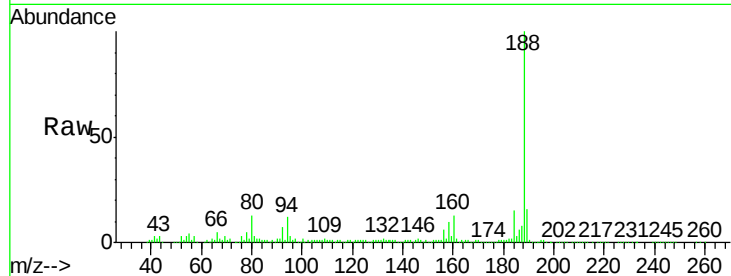
Tgt Ion:188 Resp: 516791

Ion Ratio Lower Upper

188 100

94 11.8 9.0 13.4

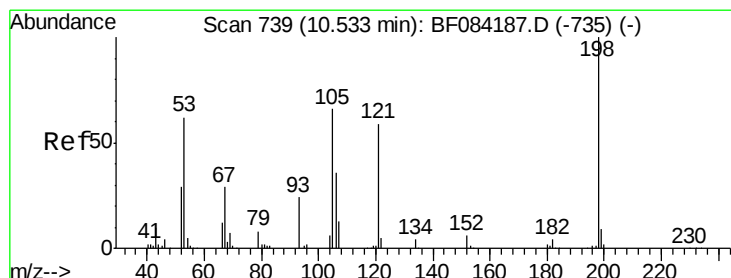
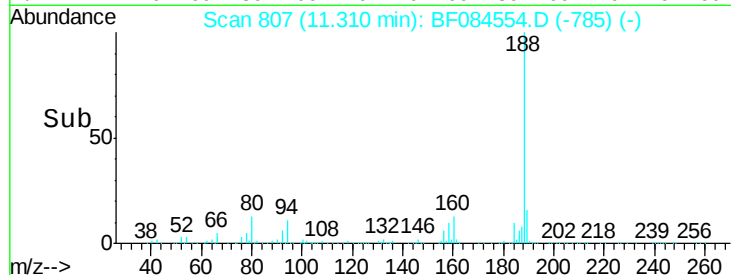
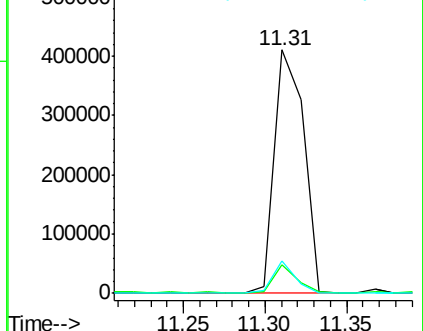
80 13.2 9.6 14.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 6.57 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF084554.D

Acq: 19 Jan 2016 16:10

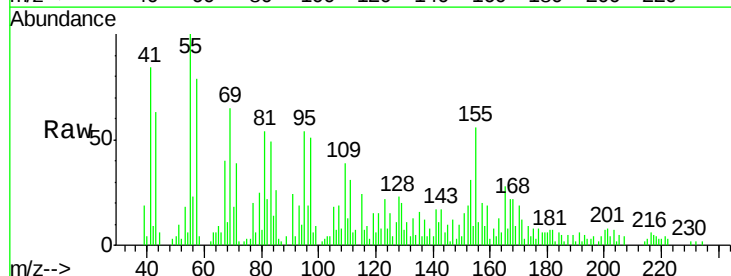
Tgt Ion:198 Resp: 604

Ion Ratio Lower Upper

198 100

51 407.2 18.9 58.9#

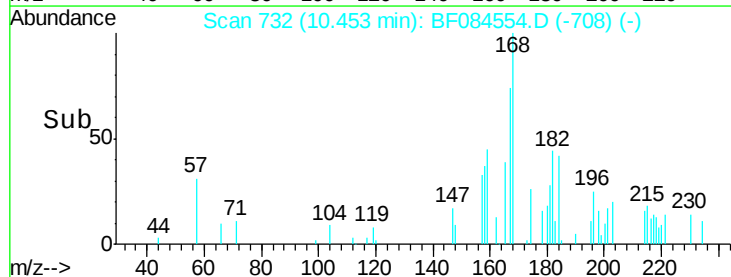
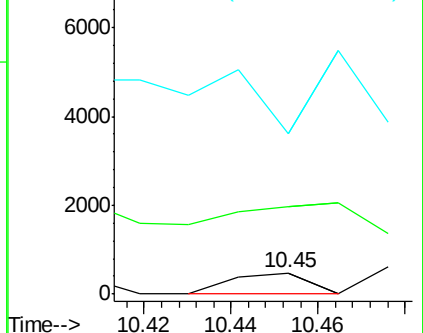
105 749.7 26.4 66.4#

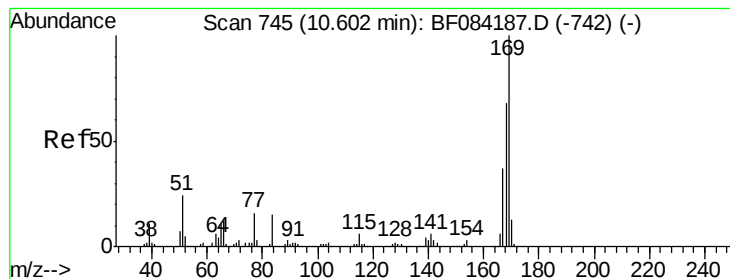


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 2.97 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF084554.D

Acq: 19 Jan 2016 16:10

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)

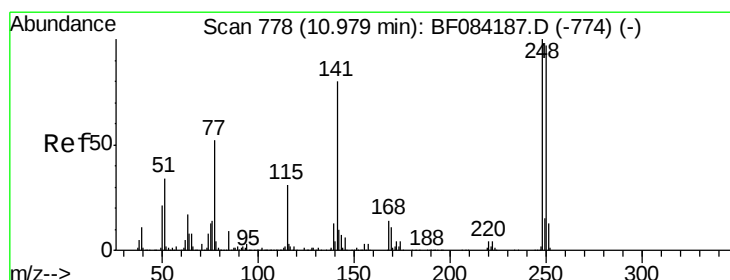
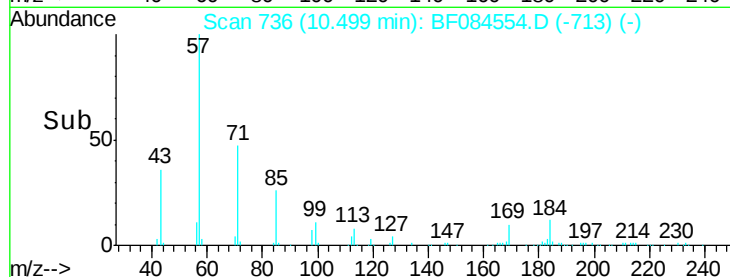
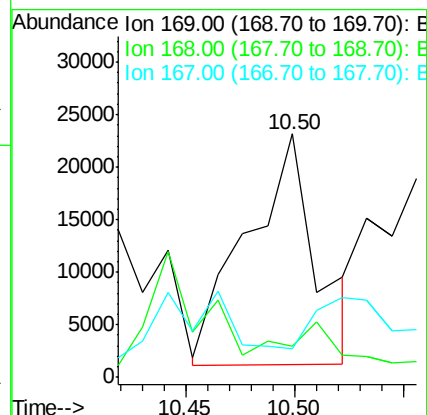
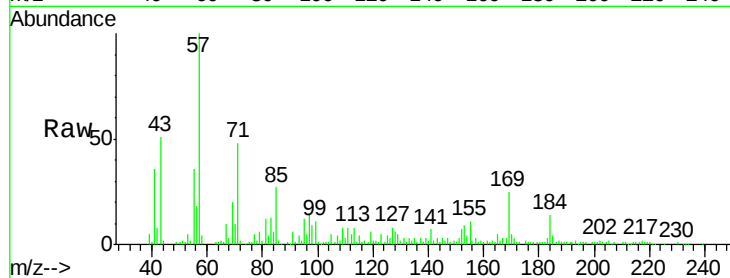
Tgt Ion:169 Resp: 49110

Ion Ratio Lower Upper

169 100

168 12.8 55.1 82.7#

167 11.9 30.0 45.0#



#66

4-Bromophenyl-phenylether

Concen: 3.69 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.29 min

Lab File: BF084554.D

Acq: 19 Jan 2016 16:10

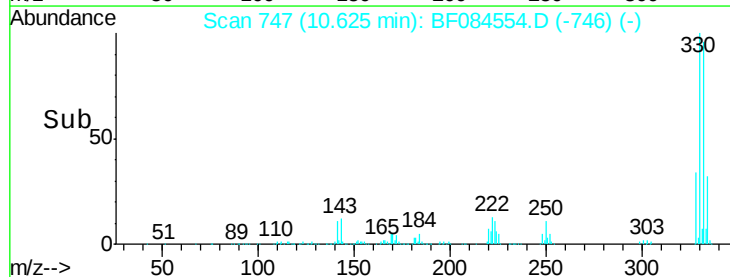
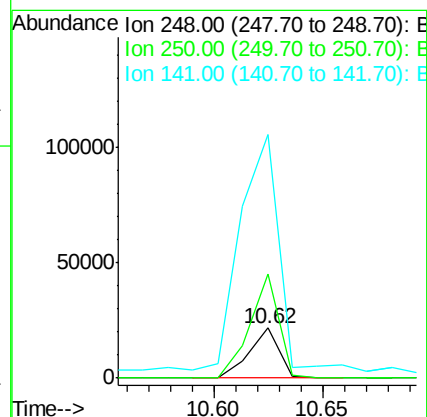
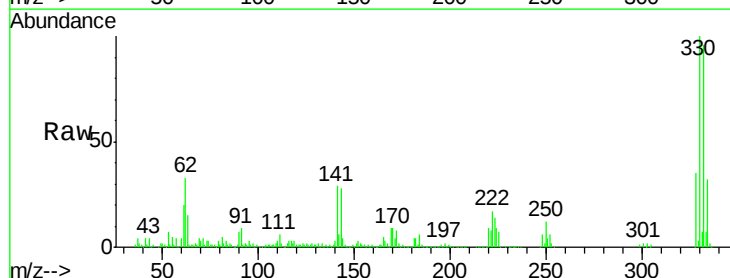
Tgt Ion:248 Resp: 20548

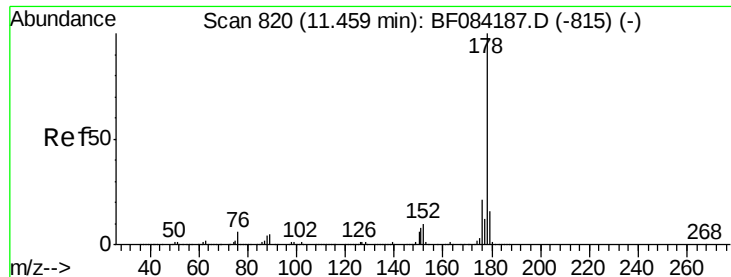
Ion Ratio Lower Upper

248 100

250 206.1 78.4 117.6#

141 484.1 44.0 66.0#

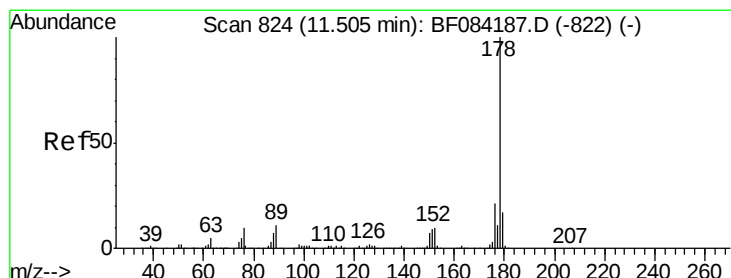
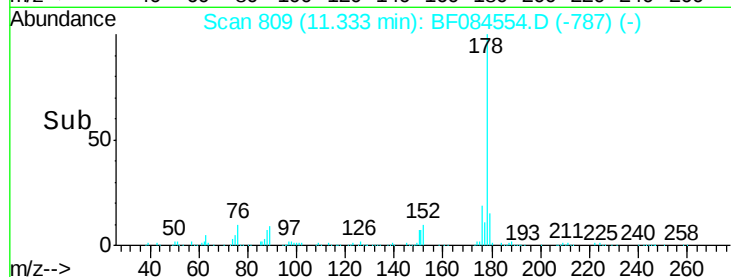
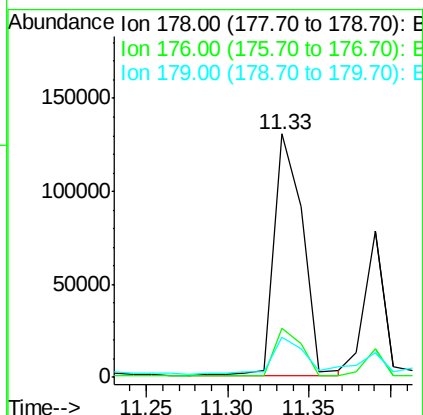
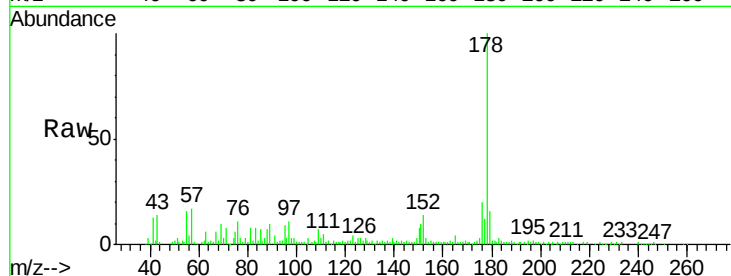




#70
Phenanthrene
Concen: 5.86 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF084554.D
Acq: 19 Jan 2016 16:10

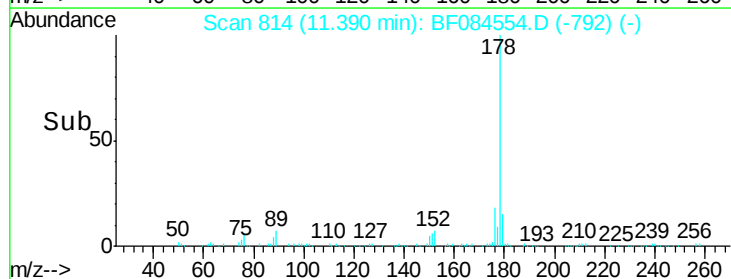
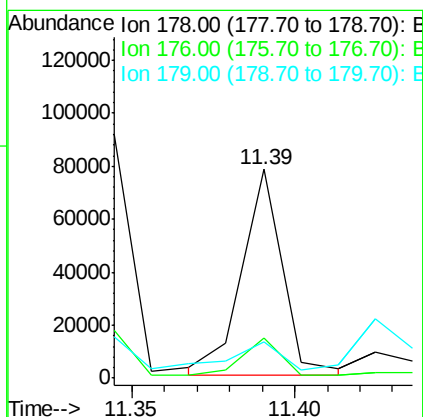
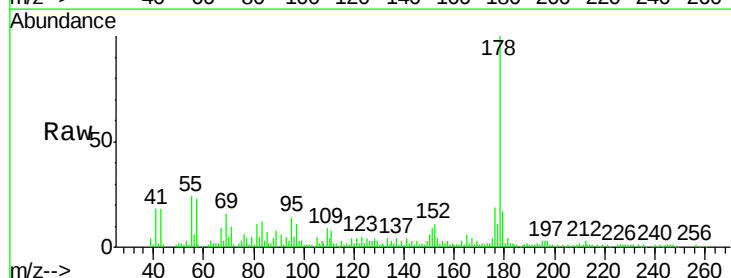
Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

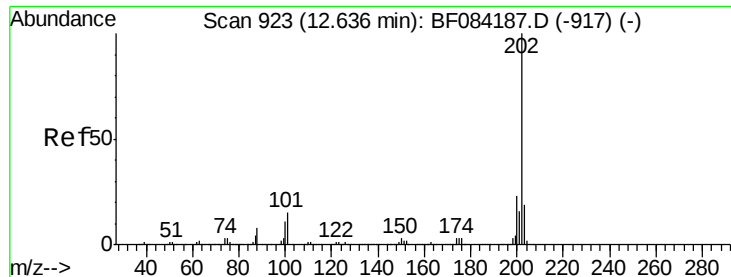
Tgt Ion:178 Resp: 158375
Ion Ratio Lower Upper
178 100
176 20.1 15.3 22.9
179 16.2 12.0 18.0



#71
Anthracene
Concen: 2.50 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.05 min
Lab File: BF084554.D
Acq: 19 Jan 2016 16:10

Tgt Ion:178 Resp: 66337
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 17.2 12.5 18.7





#74

Fluoranthene

Concen: 18.17 ng

RT: 12.52 min Scan# 913

Delta R.T. -0.05 min

Lab File: BF084554.D

Acq: 19 Jan 2016 16:10

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)

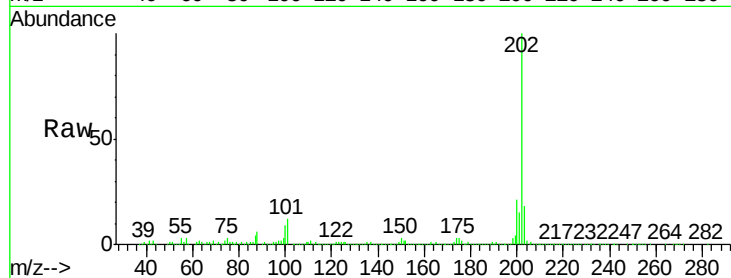
Tgt Ion:202 Resp: 513180

Ion Ratio Lower Upper

202 100

101 12.5 0.0 32.8

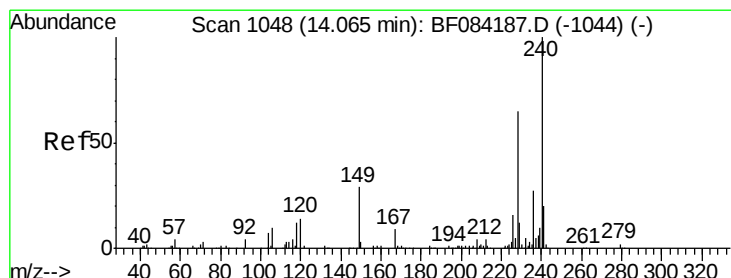
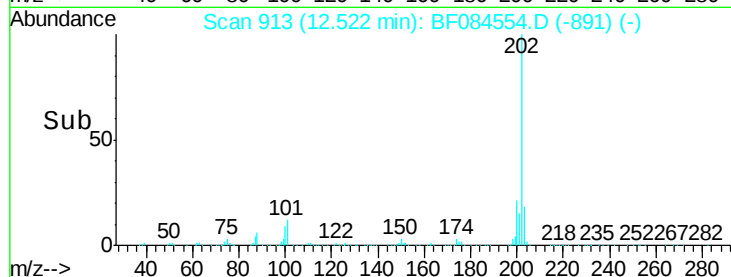
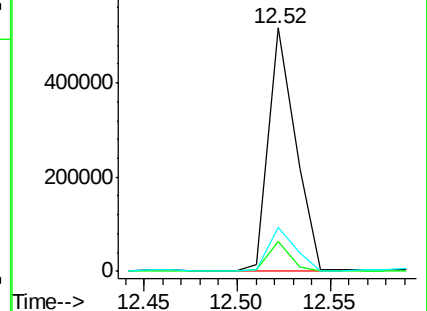
203 17.8 0.0 37.9



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: 13.95 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF084554.D

Acq: 19 Jan 2016 16:10

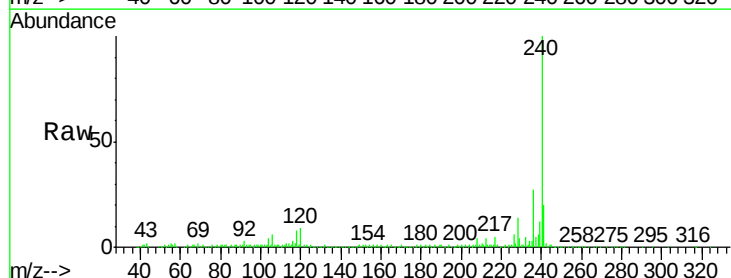
Tgt Ion:240 Resp: 359938

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

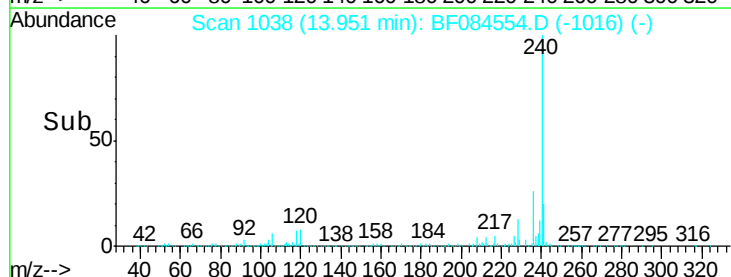
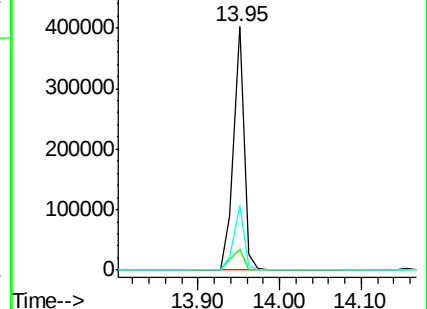
236 26.6 20.6 31.0

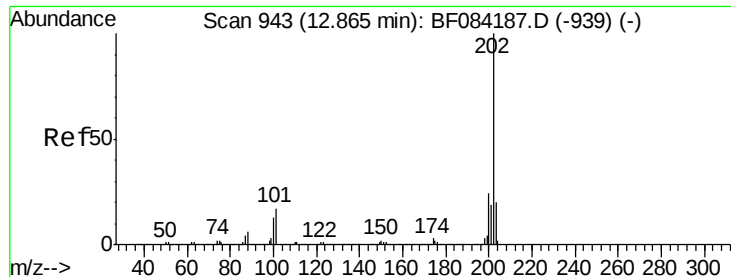


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

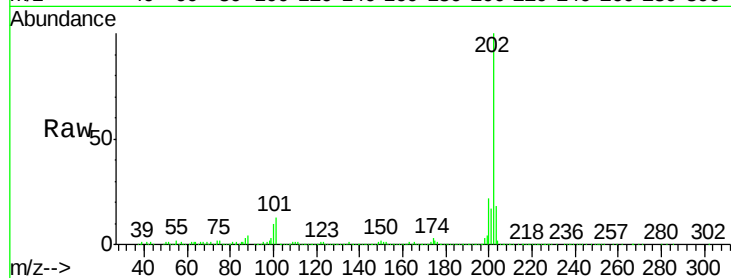




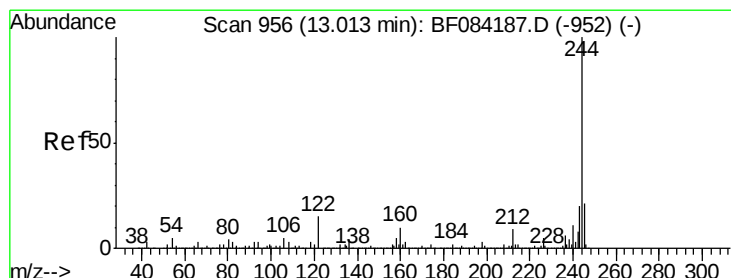
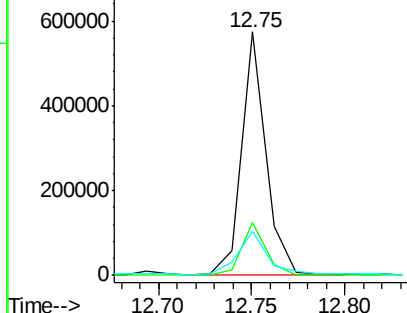
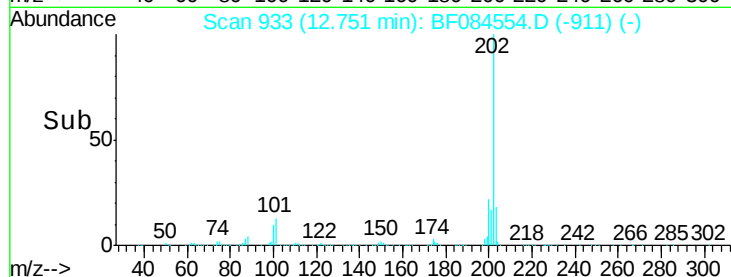
#77
 Pyrene
 Concen: 18.20 ng
 RT: 12.75 min Scan# 933
 Delta R.T. -0.05 min
 Lab File: BF084554.D
 Acq: 19 Jan 2016 16:10

Instrument :
 BNA_F
 ClientSampleId :
 SP-001(0-2)

Tgt Ion:202 Resp: 514028
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.2 25.8
 203 18.1 14.3 21.5

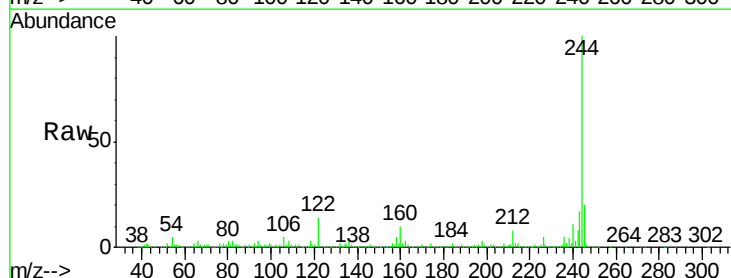


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

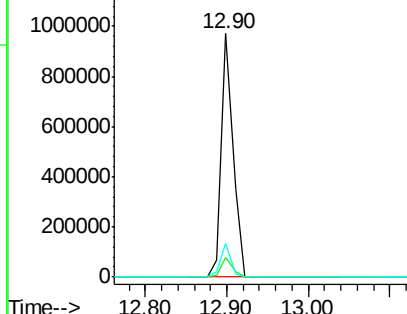
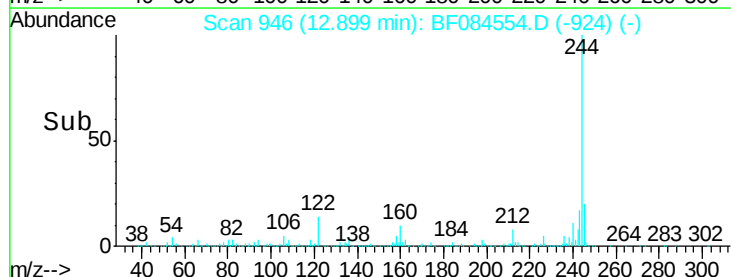


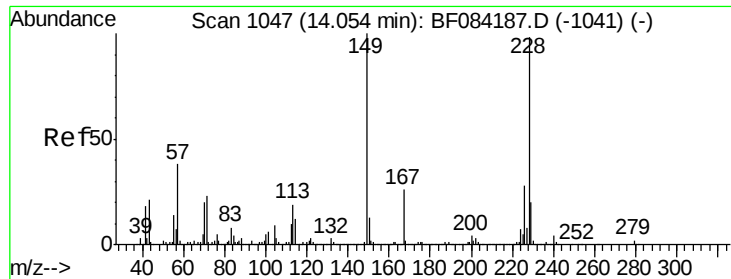
#78
 Terphenyl-d14
 Concen: 59.61 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.05 min
 Lab File: BF084554.D
 Acq: 19 Jan 2016 16:10

Tgt Ion:244 Resp: 961147
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 14.0 7.4 11.0#



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





#80

Benzo(a)anthracene

Concen: 16.43 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BF084554.D

Acq: 19 Jan 2016 16:10

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)

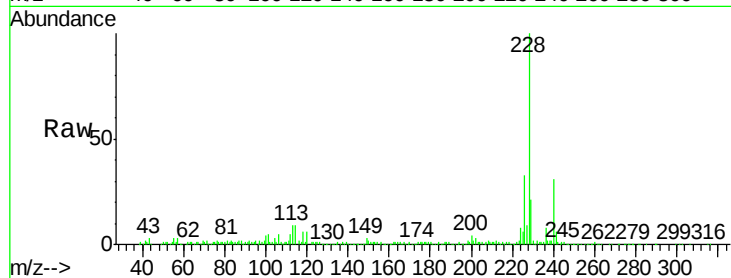
Tgt Ion:228 Resp: 347217

Ion Ratio Lower Upper

228 100

226 33.2 21.8 32.6#

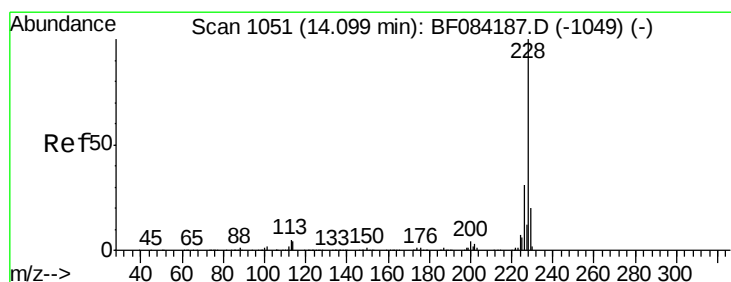
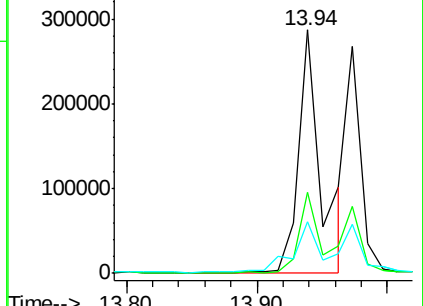
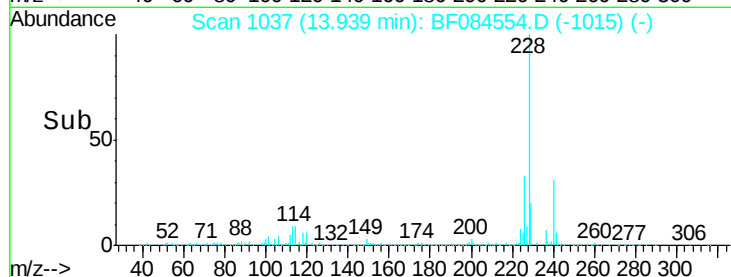
229 21.2 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 17.10 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.08 min

Lab File: BF084554.D

Acq: 19 Jan 2016 16:10

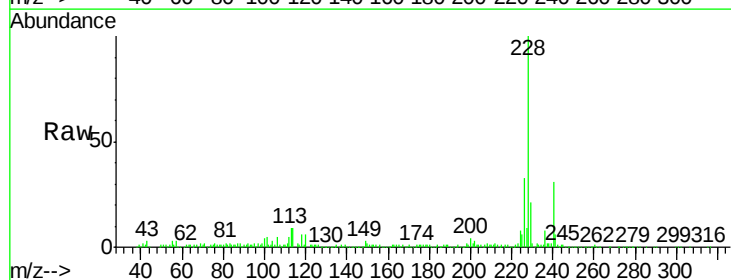
Tgt Ion:228 Resp: 347217

Ion Ratio Lower Upper

228 100

226 33.2 24.3 36.5

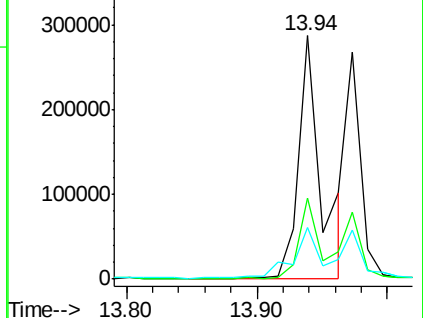
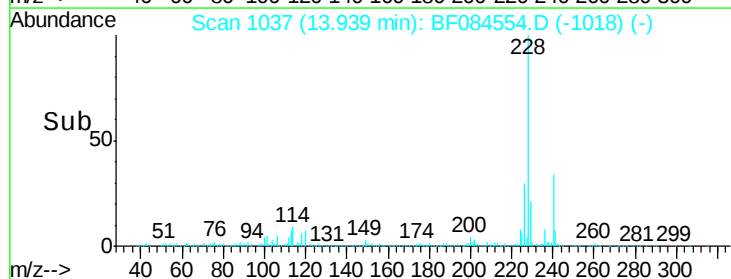
229 21.2 16.1 24.1

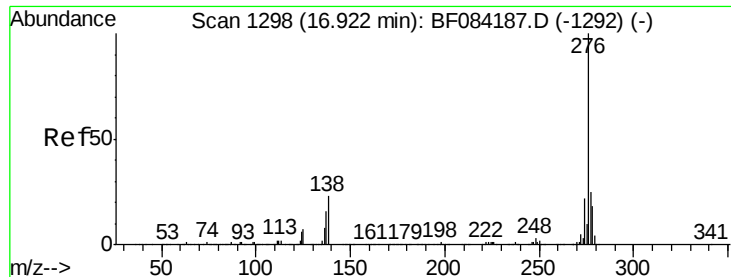


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.31 ng

RT: 16.57 min Scan# 1267

Delta R.T. -0.23 min

Lab File: BF084554.D

Acq: 19 Jan 2016 16:10

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)

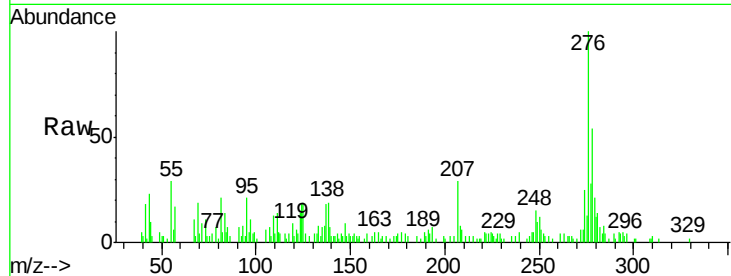
Tgt Ion:276 Resp: 37126

Ion Ratio Lower Upper

276 100

138 22.9 20.6 30.8

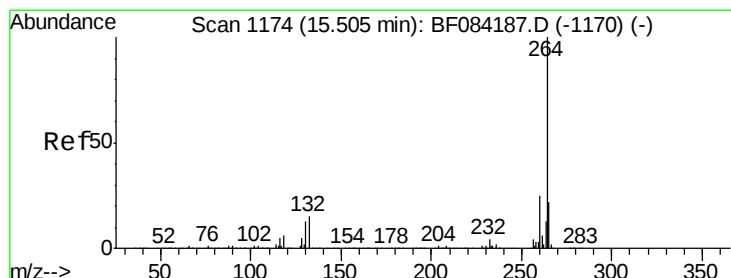
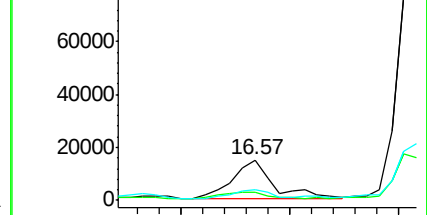
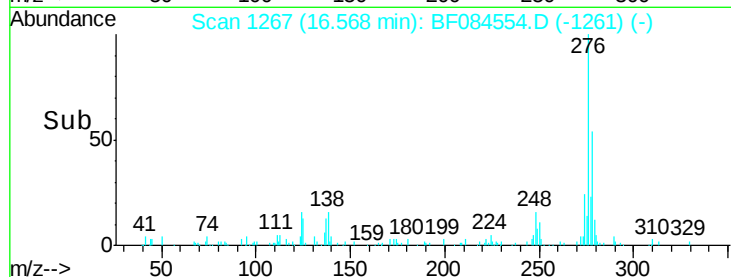
277 21.0 20.1 30.1



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.06 min

Lab File: BF084554.D

Acq: 19 Jan 2016 16:10

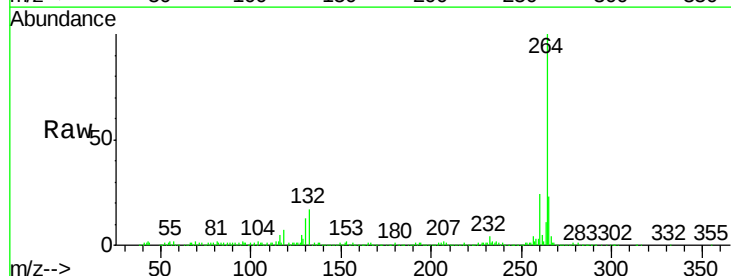
Tgt Ion:264 Resp: 321140

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

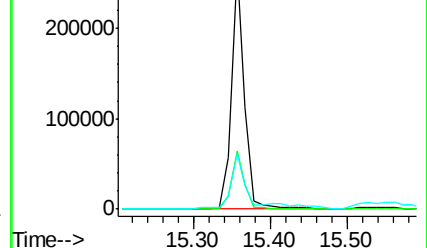
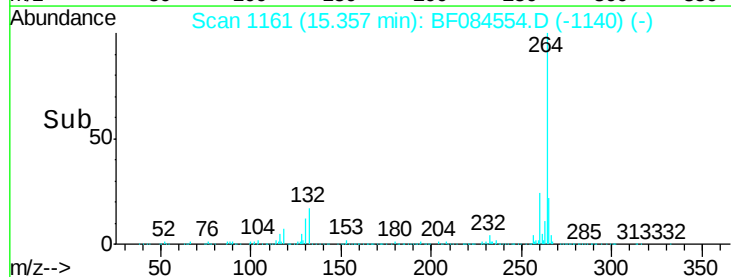
265 22.5 17.8 26.6

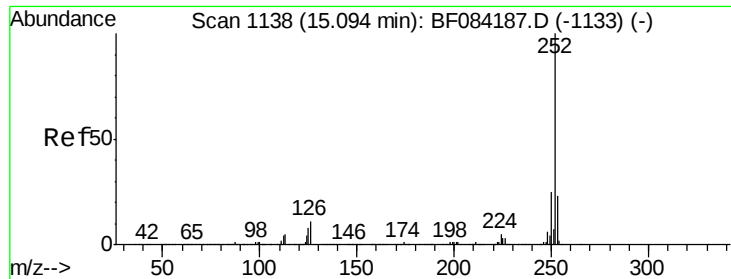


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

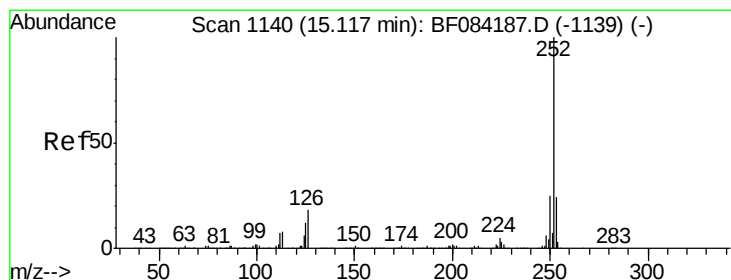
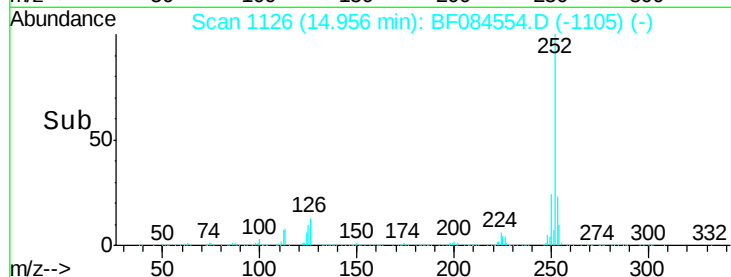
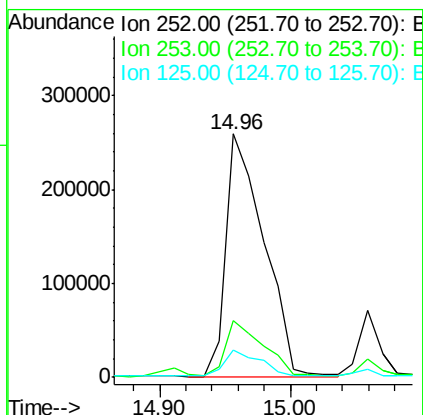
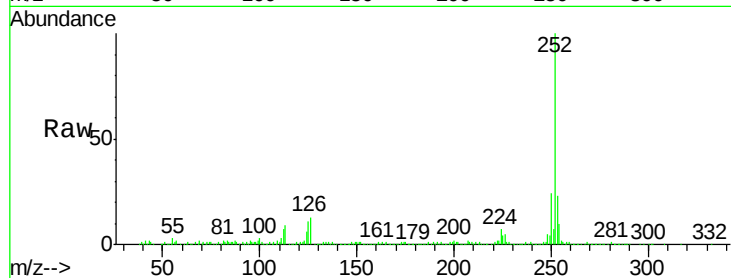




#87
Benzo(b)fluoranthene
Concen: 25.02 ng
RT: 14.96 min Scan# 1126
Delta R.T. -0.06 min
Lab File: BF084554.D
Acq: 19 Jan 2016 16:10

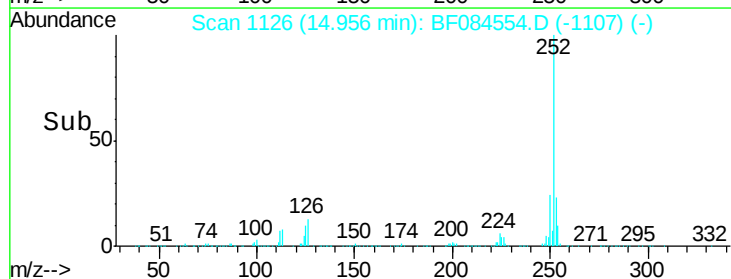
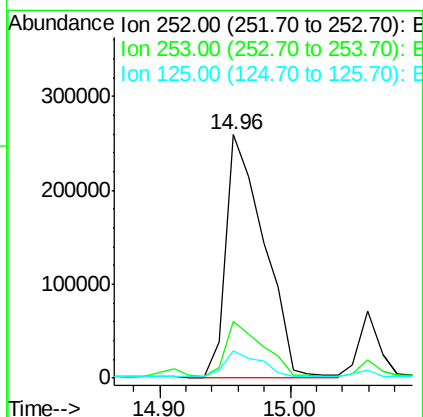
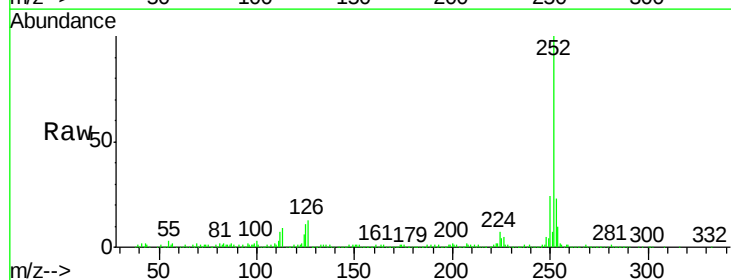
Instrument :
BNA_F
ClientSampleId :
SP-001(0-2)

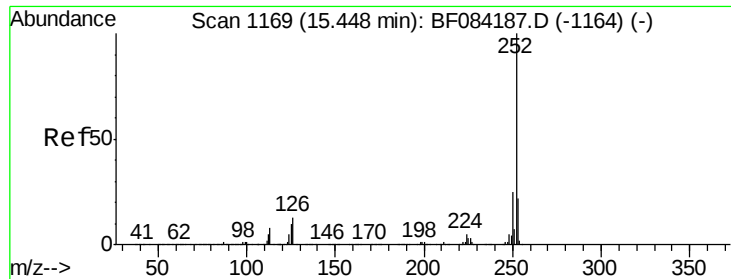
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	11.0	6.5	9.7#



#88
Benzo(k)fluoranthene
Concen: 30.59 ng
RT: 14.96 min Scan# 1126
Delta R.T. -0.08 min
Lab File: BF084554.D
Acq: 19 Jan 2016 16:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	11.0	9.0	13.6





#89

Benzo(a)pyrene

Concen: 12.96 ng

RT: 15.30 min Scan# 1156

Delta R.T. -0.06 min

Lab File: BF084554.D

Acq: 19 Jan 2016 16:10

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)

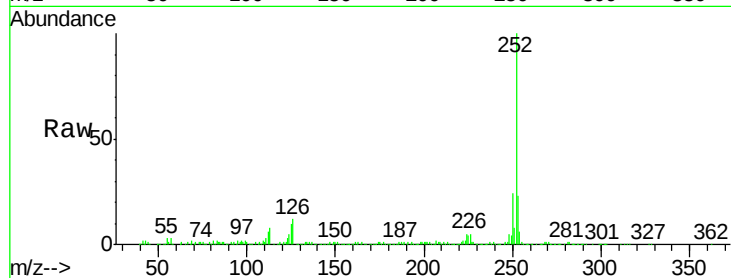
Tgt Ion:252 Resp: 230889

Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

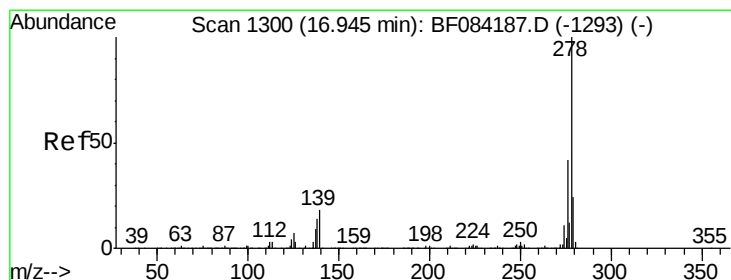
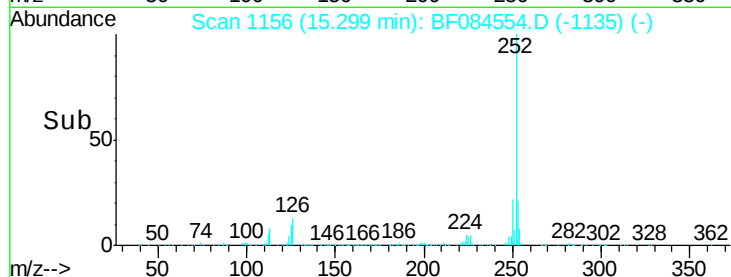
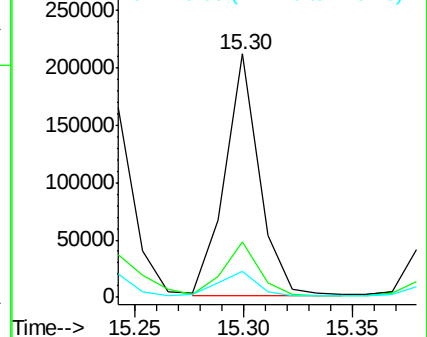
125 10.5 7.0 10.4#



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

Dibenzo(a,h)anthracene

Concen: 3.58 ng

RT: 16.73 min Scan# 1281

Delta R.T. -0.08 min

Lab File: BF084554.D

Acq: 19 Jan 2016 16:10

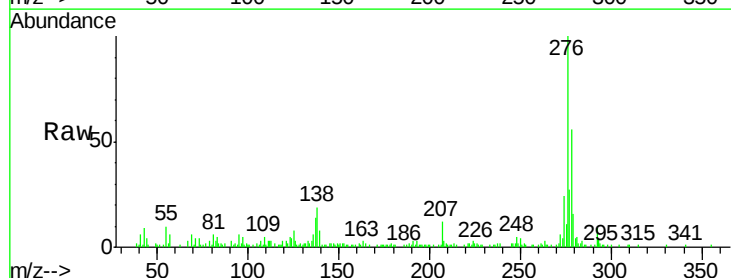
Tgt Ion:278 Resp: 54966

Ion Ratio Lower Upper

278 100

139 15.2 15.0 22.4

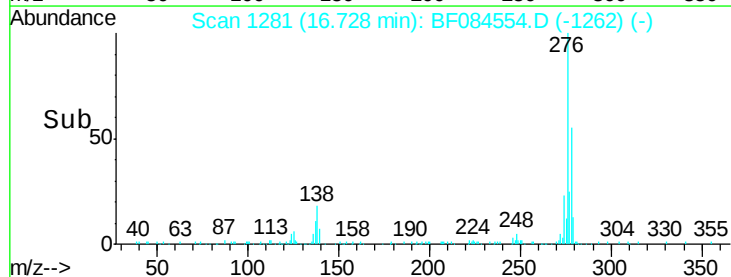
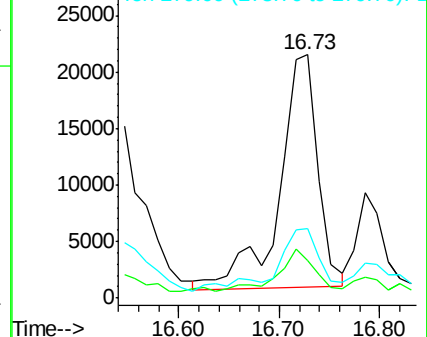
279 28.5 18.9 28.3#

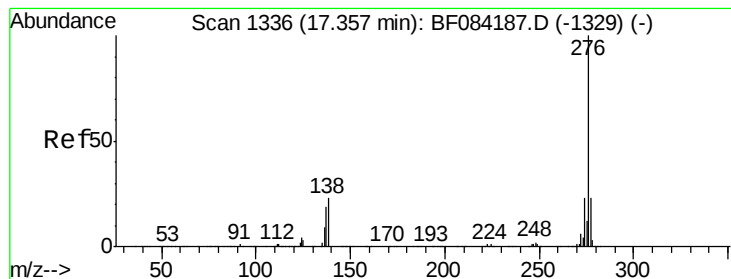


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 9.77 ng

RT: 17.12 min Scan# 1315

Delta R.T. -0.10 min

Lab File: BF084554.D

Acq: 19 Jan 2016 16:10

Instrument :

BNA_F

ClientSampleId :

SP-001(0-2)

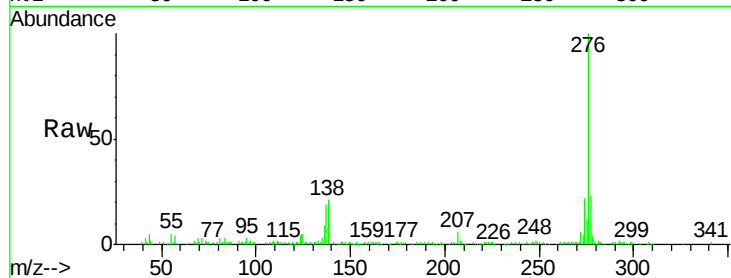
Tgt Ion: 276 Resp: 155105

Ion Ratio Lower Upper

276 100

277 22.5 18.8 28.2

138 20.9 17.8 26.6



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

