

Data Path : Z:\HPCHEM1\BNA_F\Data\BF071315\
 Data File : BF080461.D
 Acq On : 14 Jul 2015 11:26
 Operator : TP/UM
 Sample : G2954-06 2X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E2

Quant Time: Jul 14 13:01:38 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 11 05:35:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	22278	20.00	ng	-0.02
21) Naphthalene-d8	8.42	136	103400	20.00	ng	-0.01
38) Acenaphthene-d10	10.18	164	56570	20.00	ng	-0.01
63) Phenanthrene-d10	11.68	188	110211	20.00	ng	-0.01
75) Chrysene-d12	14.58	240	106085	20.00	ng	0.05
86) Perylene-d12	16.36	264	107368	20.00	ng	0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.77	112	100417	77.24	ng	-0.02
7) Phenol-d6	6.77	99	135577	78.28	ng	-0.02
23) Nitrobenzene-d5	7.70	82	84233	46.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.97	330	32252	58.42	ng	-0.02
44) 2-Fluorobiphenyl	9.49	172	184627	43.96	ng	-0.01
78) Terphenyl-d14	13.33	244	202567	41.47	ng	0.01

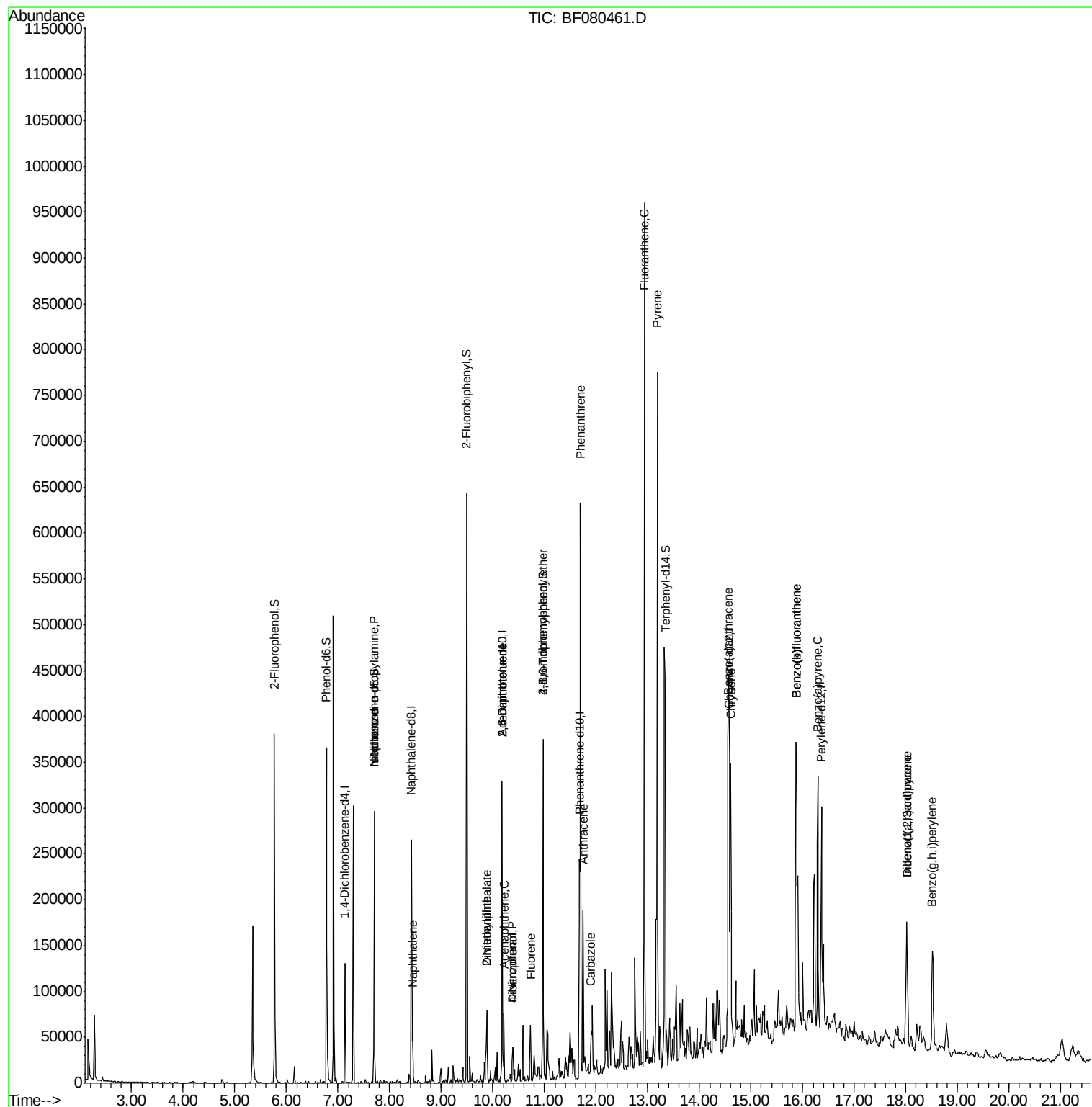
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.70	70	11135	9.39	ng	# 79
25) Isophorone	7.70	82	76318	23.49	ng	# 73
31) Naphthalene	8.44	128	20906	3.70	ng	98
47) 2-Nitroaniline	9.88	65	333	4.90	ng	# 1
49) Dimethylphthalate	9.88	163	32289	7.55	ng	# 95
50) 2,6-Dinitrotoluene	10.18	165	8076	8.41	ng	# 24
51) Acenaphthene	10.21	154	15432	3.90	ng	99
54) Dibenzofuran	10.38	168	14015	2.67	ng	91
55) 4-Nitrophenol	10.38	139	5336	11.56	ng	# 1
56) 2,4-Dinitrotoluene	10.18	165	8076	7.20	ng	# 9
57) Fluorene	10.73	166	15341	3.47	ng	# 95
66) 4-Bromophenyl-phenylether	10.97	248	2644	2.25	ng	# 1
70) Phenanthrene	11.70	178	249103	37.62	ng	98
71) Anthracene	11.75	178	69800	11.38	ng	98
72) Carbazole	11.91	167	20338	3.59	ng	# 96
74) Fluoranthene	12.93	202	352842	51.38	ng	96
77) Pyrene	13.19	202	304488	44.80	ng	99
80) Benzo(a)anthracene	14.56	228	169876	25.41	ng	99
82) Chrysene	14.60	228	144659	23.50	ng	98
85) Indeno(1,2,3-cd)pyrene	18.02	276	94383	12.34	ng	98
87) Benzo(b)fluoranthene	15.87	252	258404	34.65	ng	97
88) Benzo(k)fluoranthene	15.87	252	258404	42.37	ng	97
89) Benzo(a)pyrene	16.29	252	145055	22.20	ng	97
90) Dibenzo(a,h)anthracene	18.02	278	21283	3.29	ng	# 83
91) Benzo(g,h,i)perylene	18.51	276	90540	14.08	ng	97

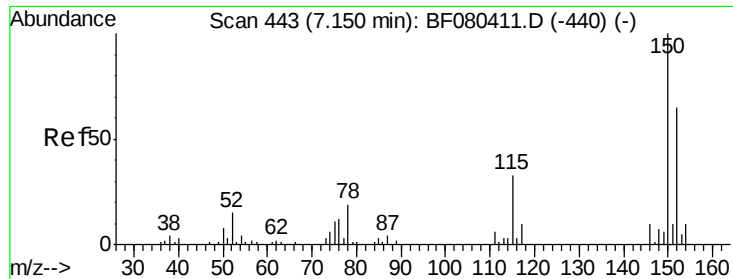
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 11 05:35:30 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.02 min

Lab File: BF080461.D

Acq: 14 Jul 2015 11:26

Instrument :

BNA_F

ClientSampleId :

TEC-E2

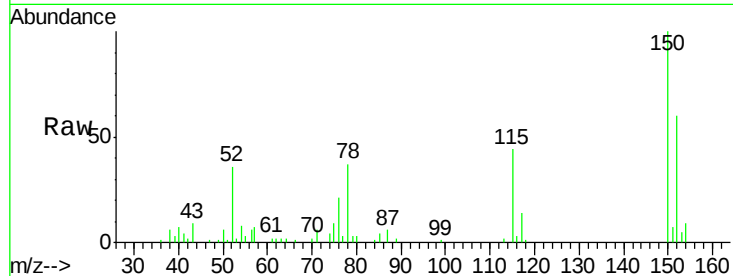
Tgt Ion:152 Resp: 22278

Ion Ratio Lower Upper

152 100

150 166.2 122.3 183.5

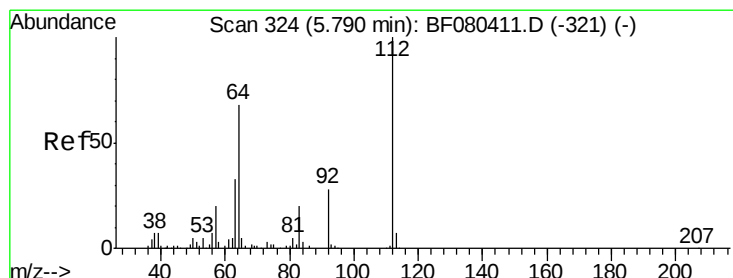
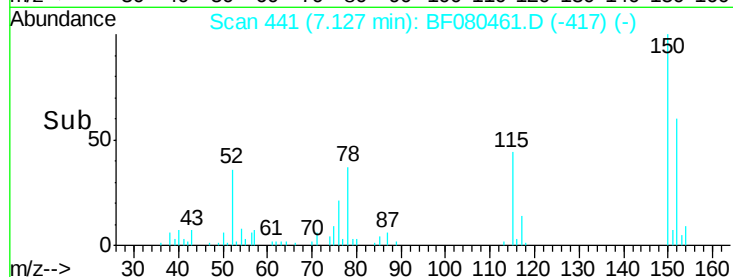
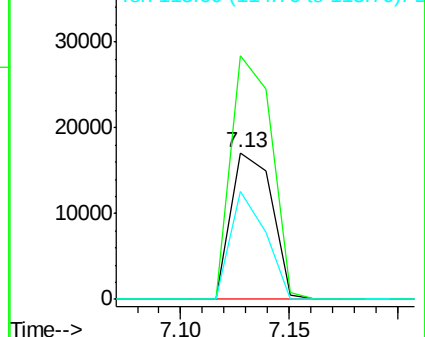
115 73.3 41.0 61.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 77.24 ng

RT: 5.77 min Scan# 322

Delta R.T. -0.02 min

Lab File: BF080461.D

Acq: 14 Jul 2015 11:26

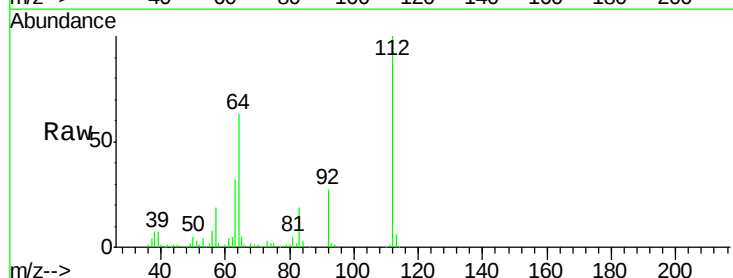
Tgt Ion:112 Resp: 100417

Ion Ratio Lower Upper

112 100

64 63.5 54.3 81.5

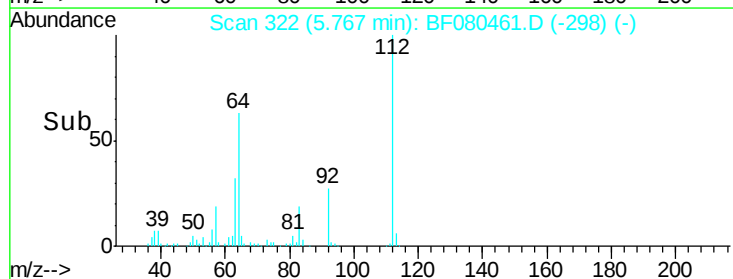
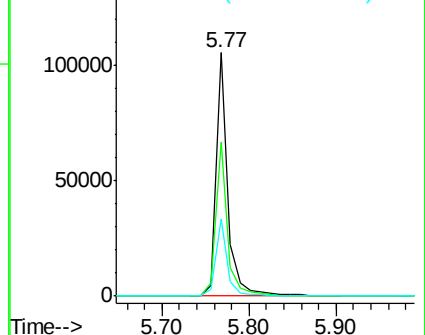
63 31.6 26.7 40.1

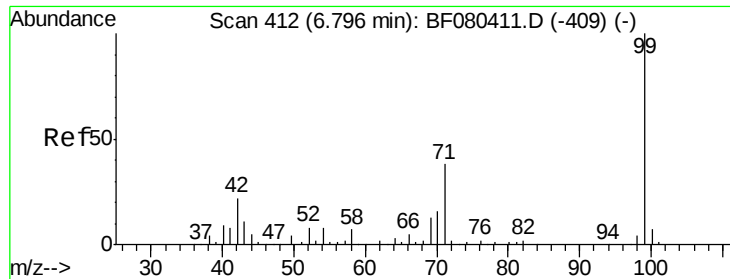


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 78.28 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF080461.D

Acq: 14 Jul 2015 11:26

Instrument :

BNA_F

ClientSampleId :

TEC-E2

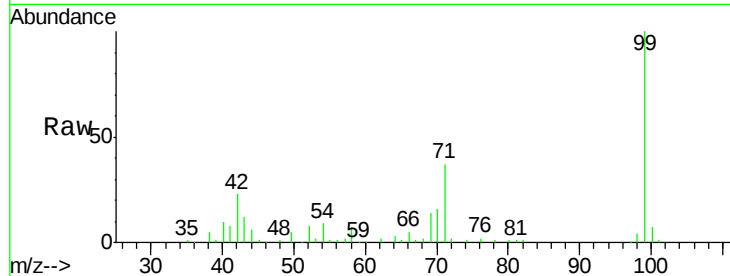
Tgt Ion: 99 Resp: 135577

Ion Ratio Lower Upper

99 100

42 23.0 17.9 26.9

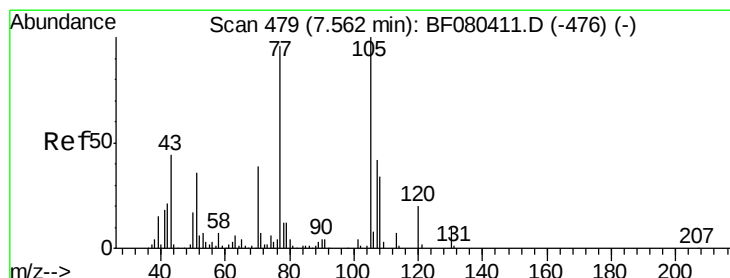
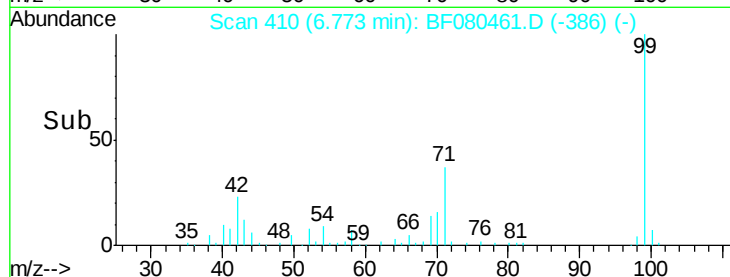
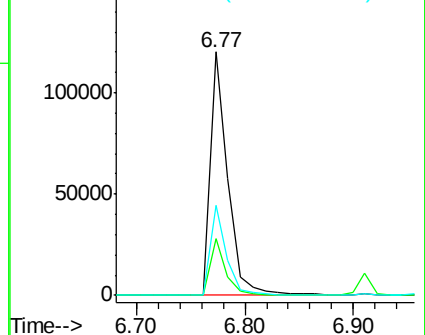
71 37.0 30.1 45.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.39 ng

RT: 7.70 min Scan# 491

Delta R.T. 0.14 min

Lab File: BF080461.D

Acq: 14 Jul 2015 11:26

Tgt Ion: 70 Resp: 11135

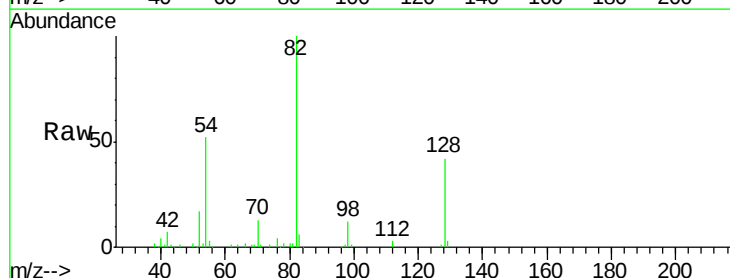
Ion Ratio Lower Upper

70 100

42 49.4 43.4 65.0

101 0.0 9.0 13.6#

130 0.0 19.5 29.3#

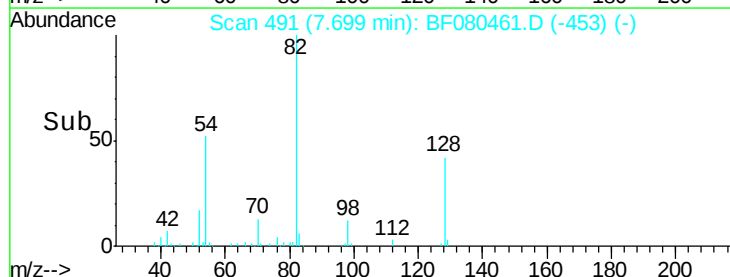
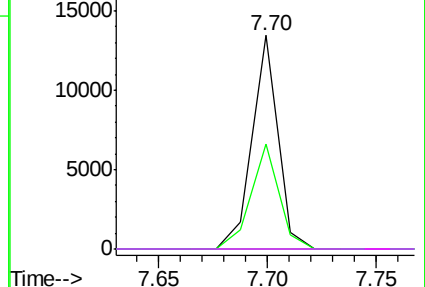


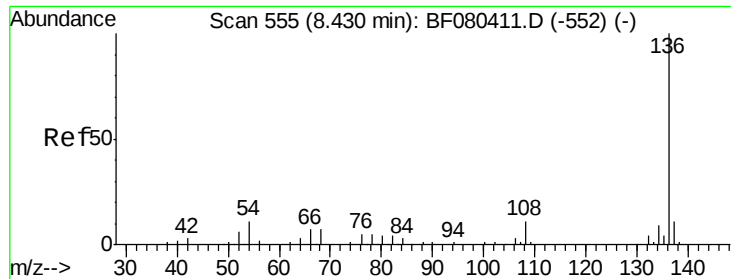
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

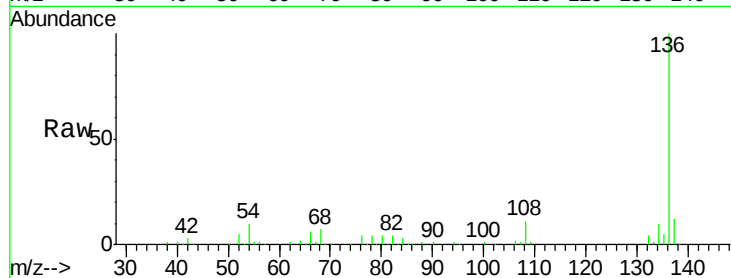




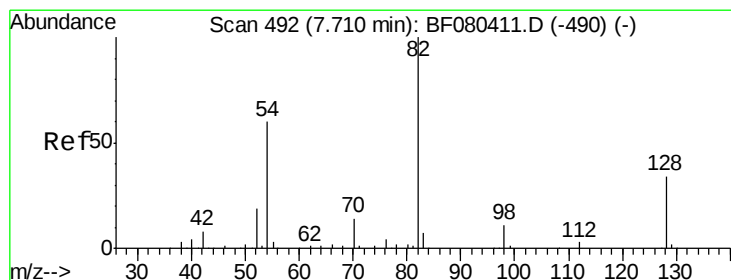
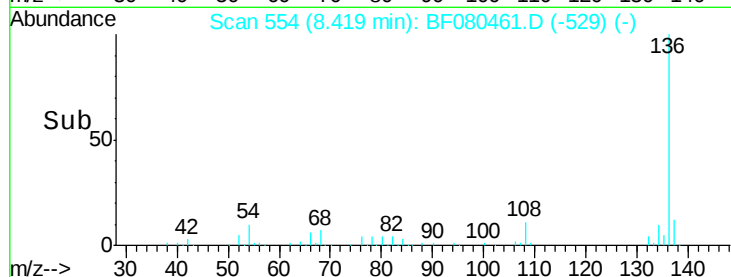
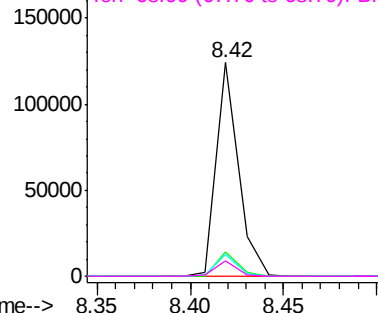
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.42 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF080461.D
Acq: 14 Jul 2015 11:26

Instrument :
BNA_F
ClientSampleId :
TEC-E2

Tgt Ion:	136	Resp:	103400
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	10.4	9.1	13.7
68	6.9	5.9	8.9

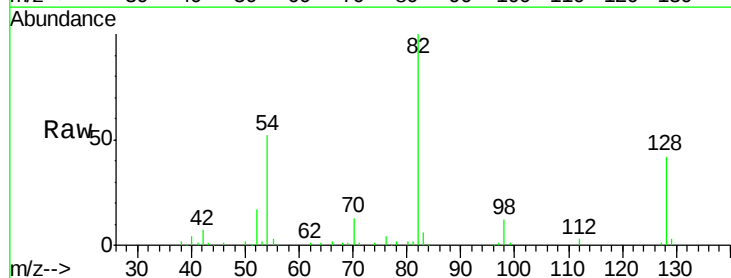


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

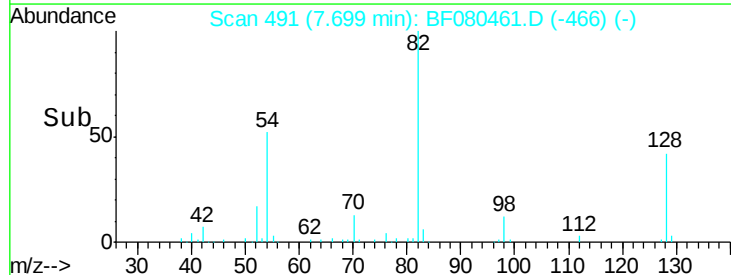
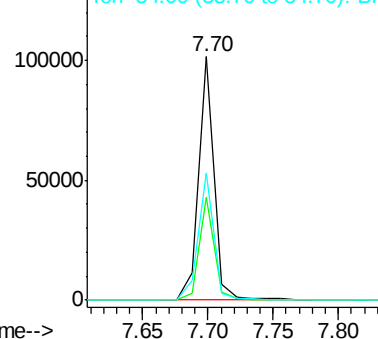


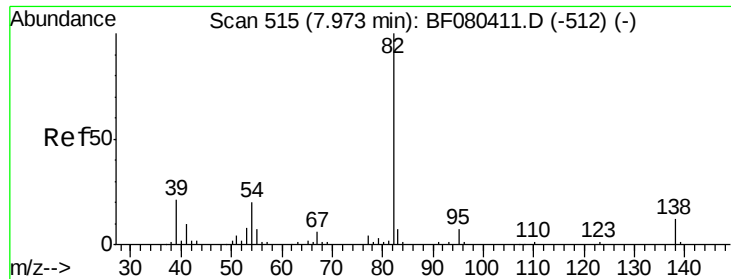
#23
Nitrobenzene-d5
Concen: 46.46 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF080461.D
Acq: 14 Jul 2015 11:26

Tgt Ion:	82	Resp:	84233
Ion	Ratio	Lower	Upper
82	100		
128	42.3	26.9	40.3#
54	52.1	47.7	71.5



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: 23.49 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.27 min

Lab File: BF080461.D

Acq: 14 Jul 2015 11:26

Instrument :

BNA_F

ClientSampleId :

TEC-E2

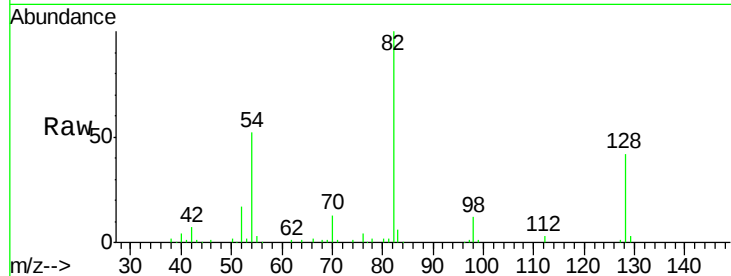
Tgt Ion: 82 Resp: 76318

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

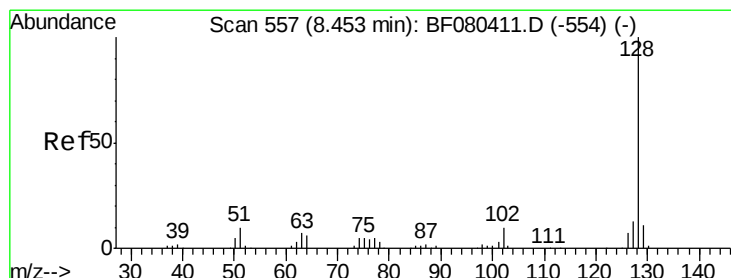
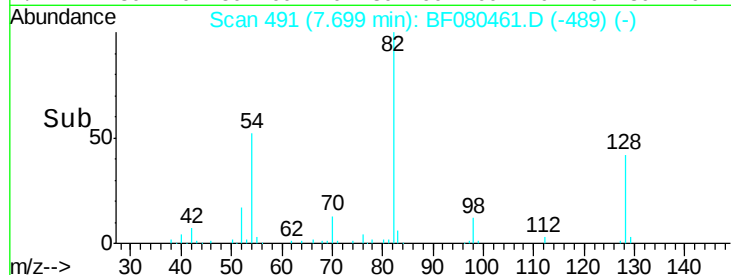
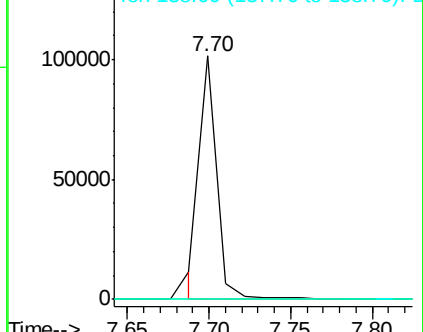
138 0.0 9.5 14.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#31

Naphthalene

Concen: 3.70 ng

RT: 8.44 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF080461.D

Acq: 14 Jul 2015 11:26

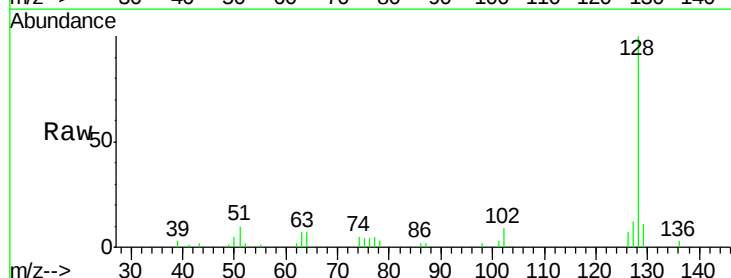
Tgt Ion: 128 Resp: 20906

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

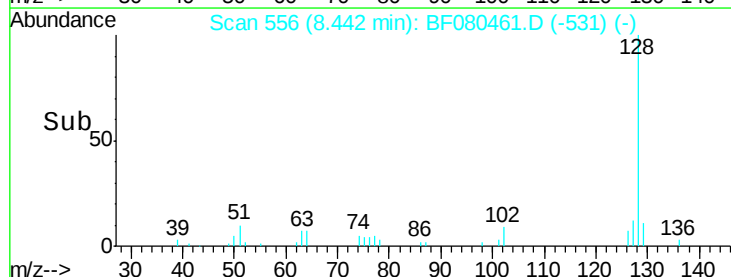
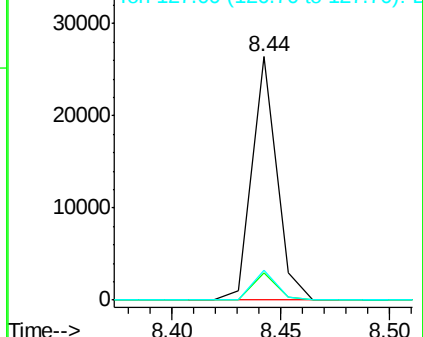
127 12.5 10.7 16.1

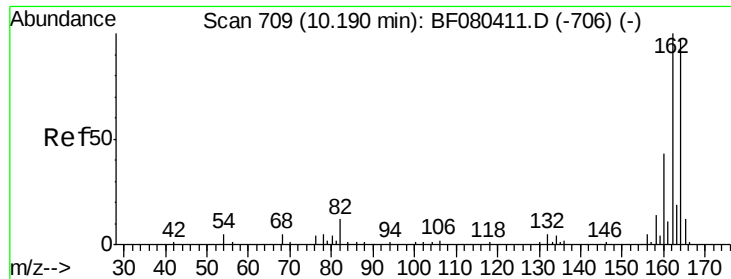


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

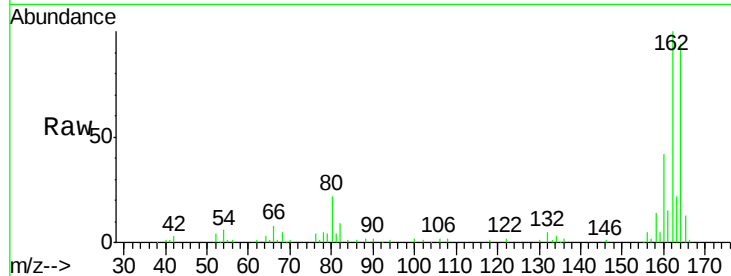




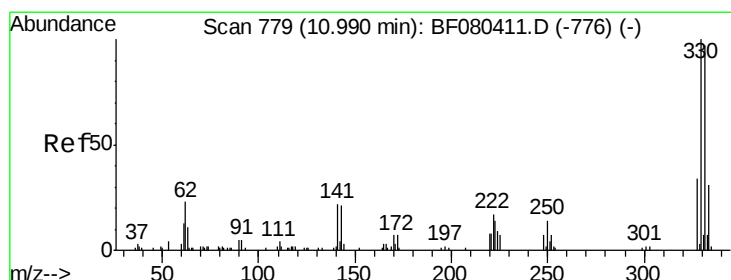
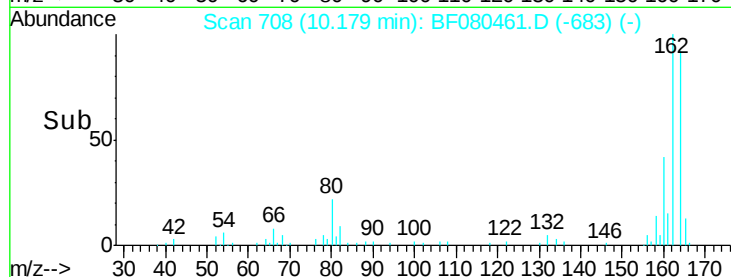
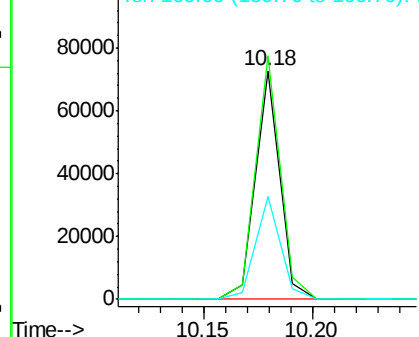
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF080461.D
Acq: 14 Jul 2015 11:26

Instrument :
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ClientSampleId :
TEC-E2

Tgt Ion:164 Resp: 56570
Ion Ratio Lower Upper
164 100
162 106.4 82.7 124.1
160 44.8 35.5 53.3

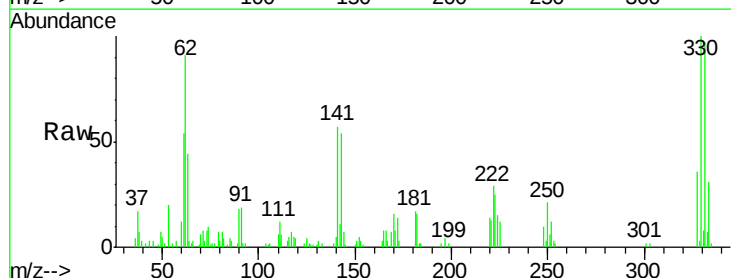


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

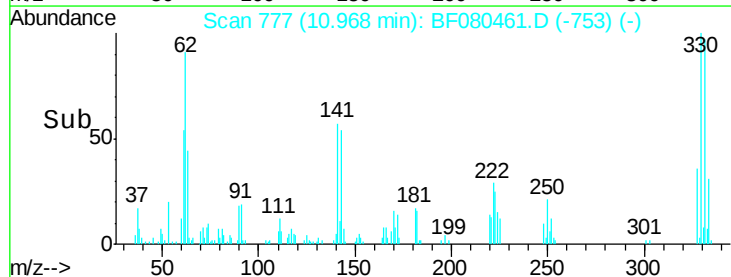
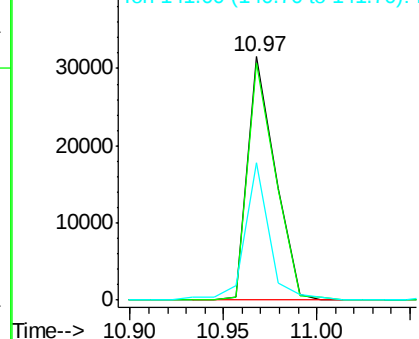


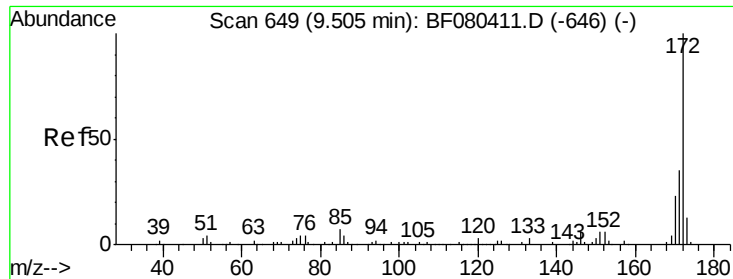
#41
2,4,6-Tribromophenol
Concen: 58.42 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF080461.D
Acq: 14 Jul 2015 11:26

Tgt Ion:330 Resp: 32252
Ion Ratio Lower Upper
330 100
332 98.6 78.0 117.0
141 50.4 28.6 43.0#



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

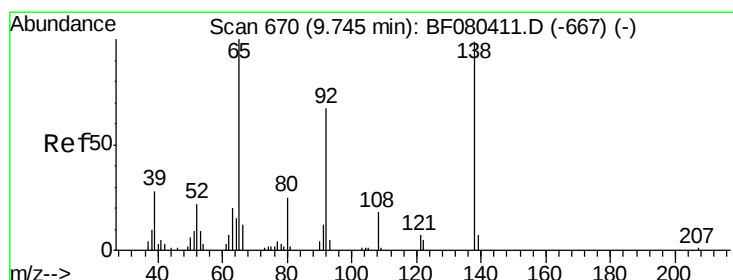
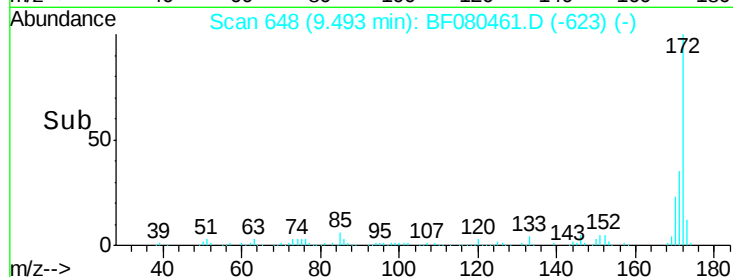
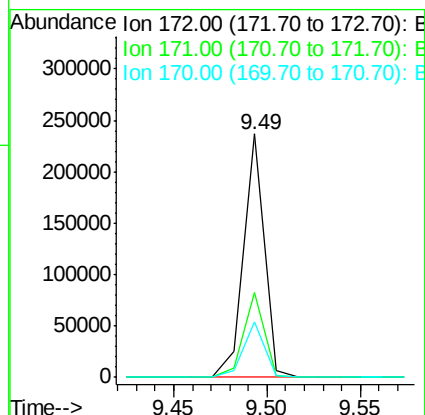
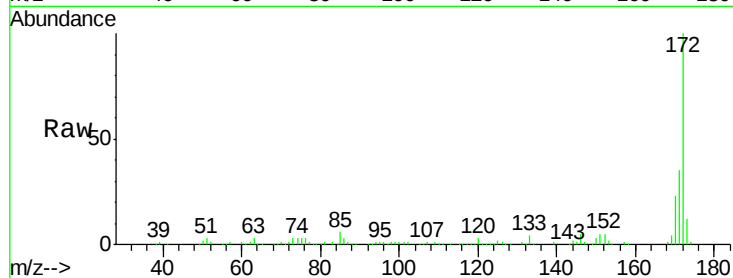




#44
 2-Fluorobiphenyl
 Concen: 43.96 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF080461.D
 Acq: 14 Jul 2015 11:26

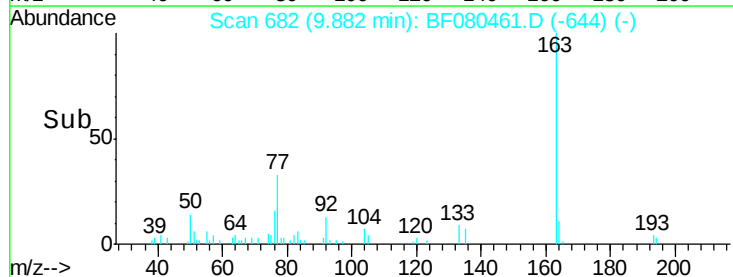
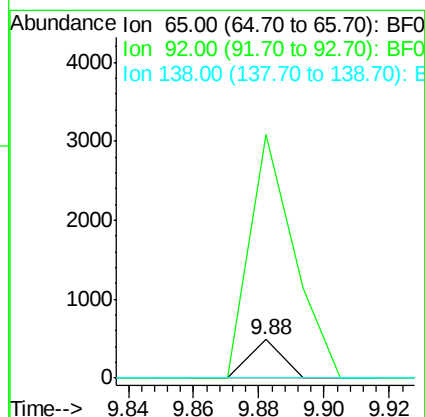
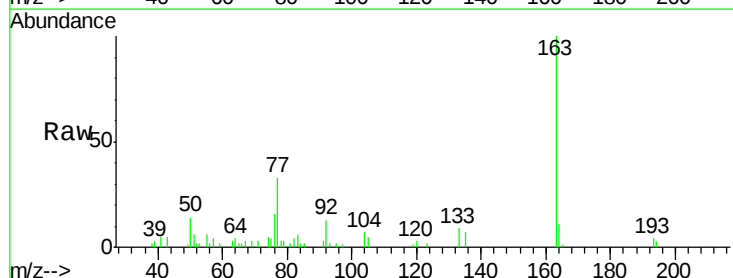
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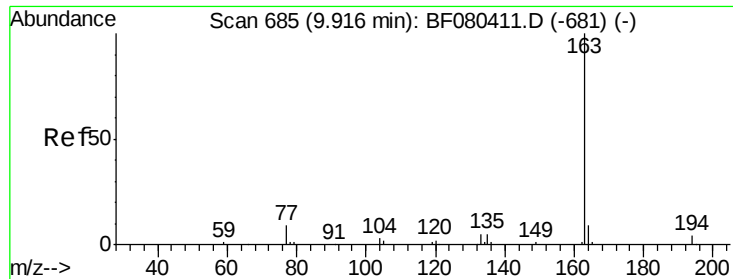
Tgt Ion: 172 Resp: 184627
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.4 42.6
 170 22.9 18.6 28.0



#47
 2-Nitroaniline
 Concen: 4.90 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.14 min
 Lab File: BF080461.D
 Acq: 14 Jul 2015 11:26

Tgt Ion: 65 Resp: 333
 Ion Ratio Lower Upper
 65 100
 92 635.9 53.2 79.8#
 138 0.0 78.9 118.3#





#49

Dimethylphthalate

Concen: 7.55 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.03 min

Lab File: BF080461.D

Acq: 14 Jul 2015 11:26

Instrument :

BNA_F

ClientSampleId :

TEC-E2

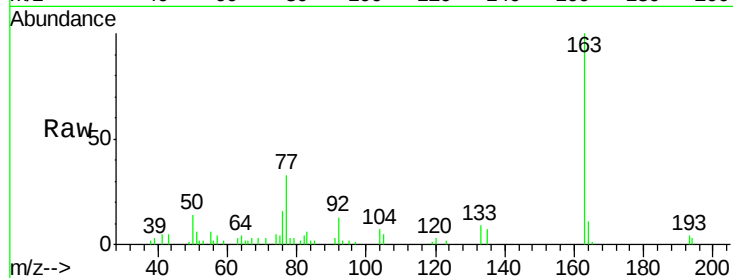
Tgt Ion:163 Resp: 32289

Ion Ratio Lower Upper

163 100

194 3.0 3.4 5.2#

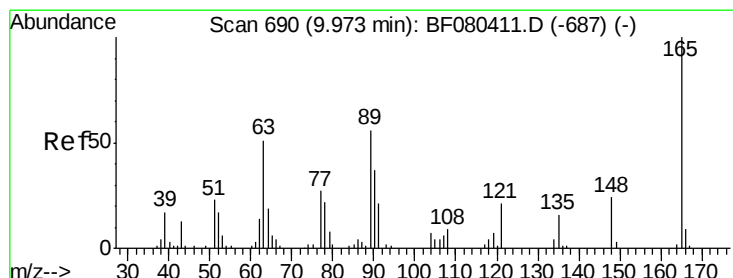
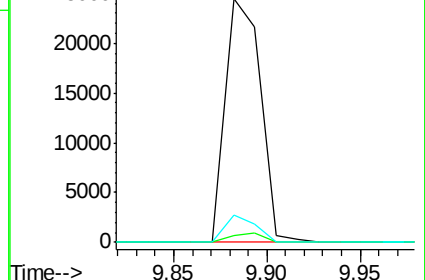
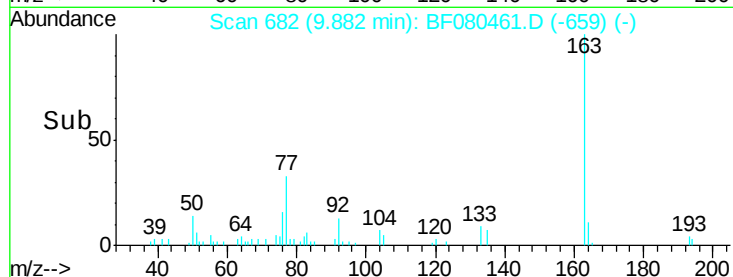
164 11.4 7.4 11.0#



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



#50

2,6-Dinitrotoluene

Concen: 8.41 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.21 min

Lab File: BF080461.D

Acq: 14 Jul 2015 11:26

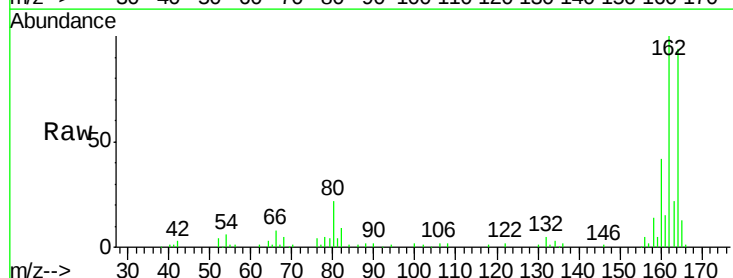
Tgt Ion:165 Resp: 8076

Ion Ratio Lower Upper

165 100

63 0.0 44.5 66.7#

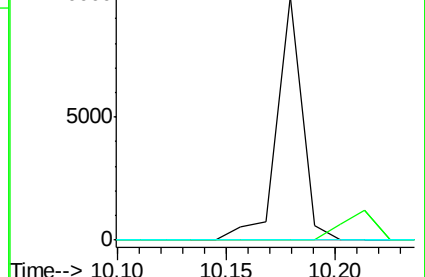
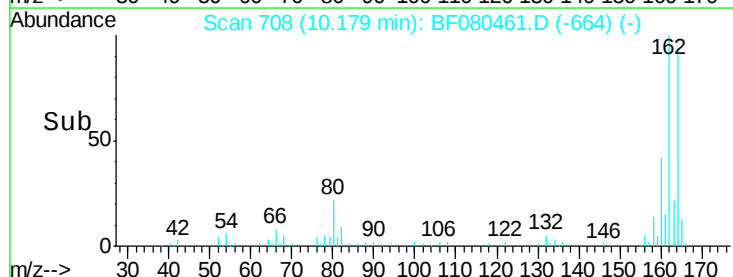
89 0.0 44.5 66.7#

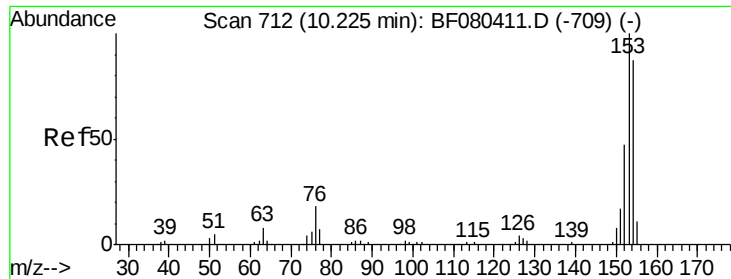


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 3.90 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF080461.D

Acq: 14 Jul 2015 11:26

Instrument :

BNA_F

ClientSampleId :

TEC-E2

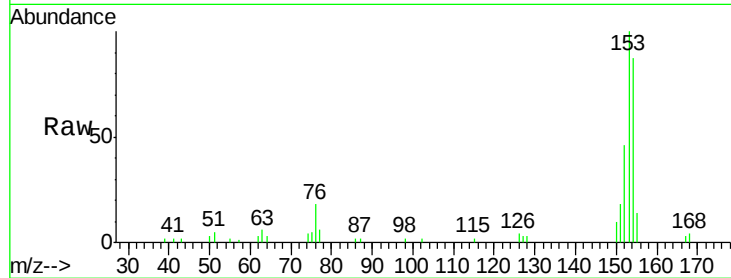
Tgt Ion:154 Resp: 15432

Ion Ratio Lower Upper

154 100

153 114.4 91.7 137.5

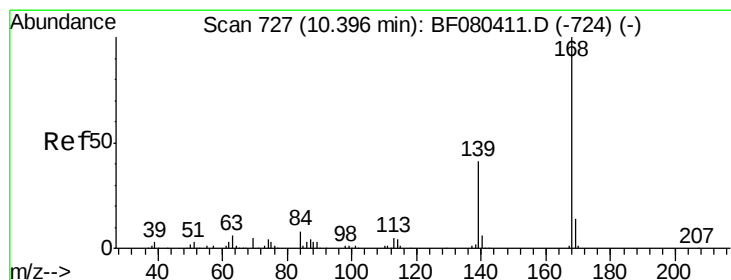
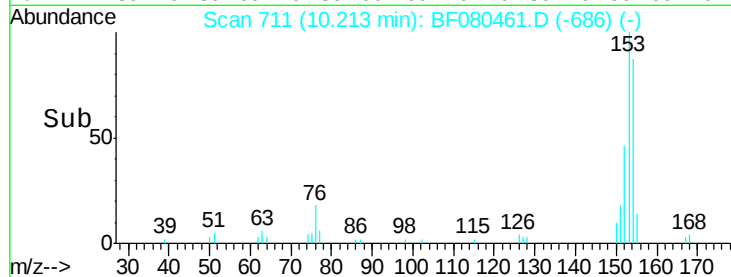
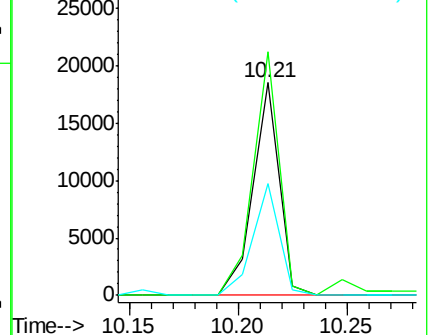
152 52.7 43.5 65.3



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



#54

Dibenzofuran

Concen: 2.67 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF080461.D

Acq: 14 Jul 2015 11:26

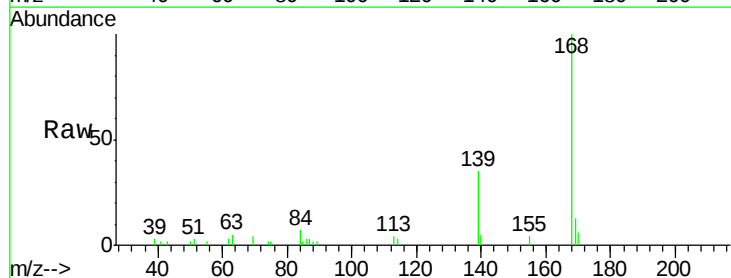
Tgt Ion:168 Resp: 14015

Ion Ratio Lower Upper

168 100

139 34.9 33.4 50.2

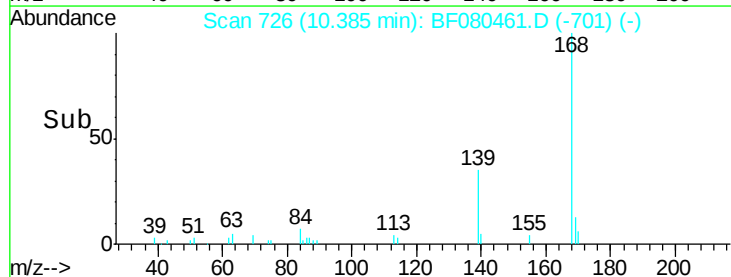
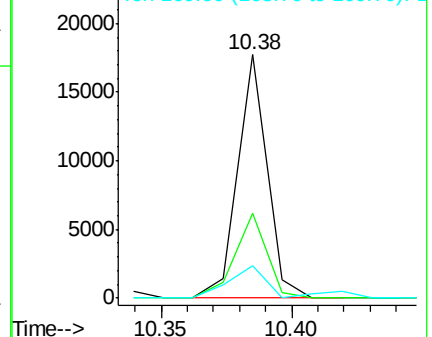
169 13.4 11.1 16.7

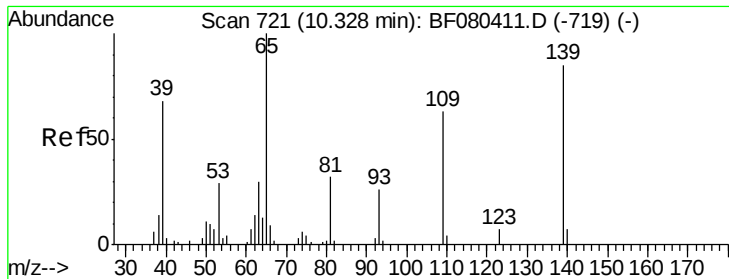


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 11.56 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.06 min

Lab File: BF080461.D

Acq: 14 Jul 2015 11:26

Instrument :

BNA_F

ClientSampleId :

TEC-E2

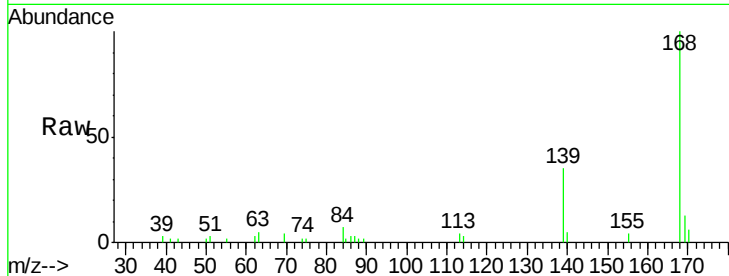
Tgt Ion:139 Resp: 5336

Ion Ratio Lower Upper

139 100

109 0.0 54.6 94.6#

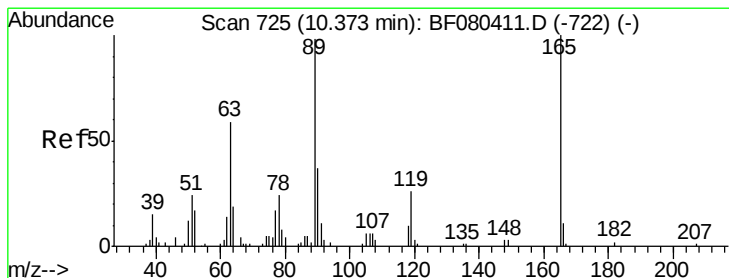
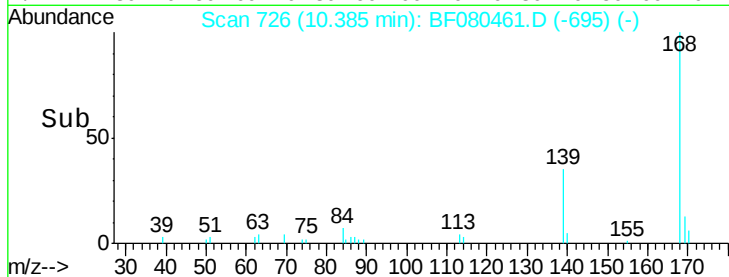
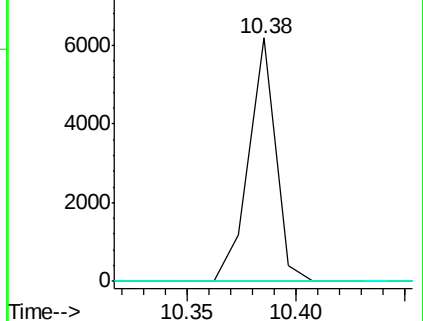
65 0.0 97.8 137.8#



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: 7.20 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.19 min

Lab File: BF080461.D

Acq: 14 Jul 2015 11:26

Tgt Ion:165 Resp: 8076

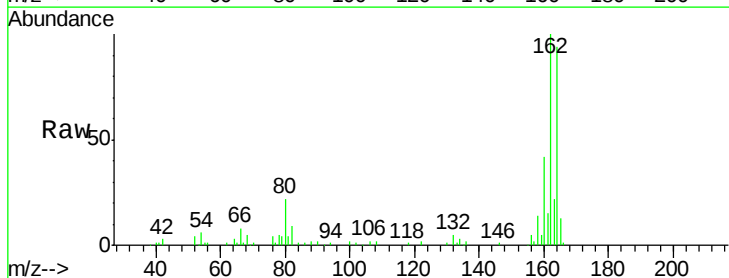
Ion Ratio Lower Upper

165 100

63 0.0 51.7 77.5#

89 0.0 78.6 117.8#

182 0.0 1.8 2.8#

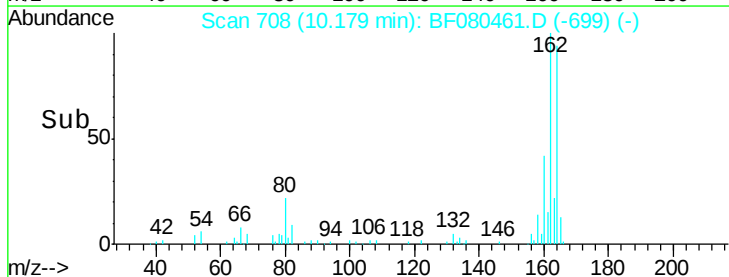
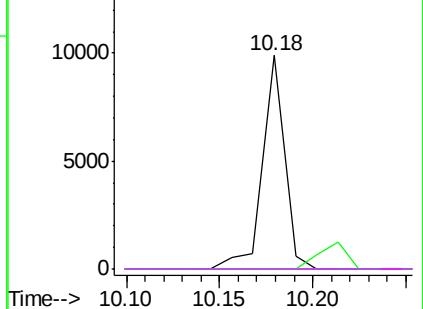


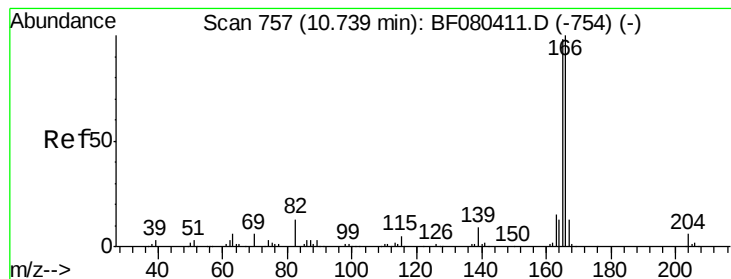
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 3.47 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF080461.D

Acq: 14 Jul 2015 11:26

Instrument :

BNA_F

ClientSampleId :

TEC-E2

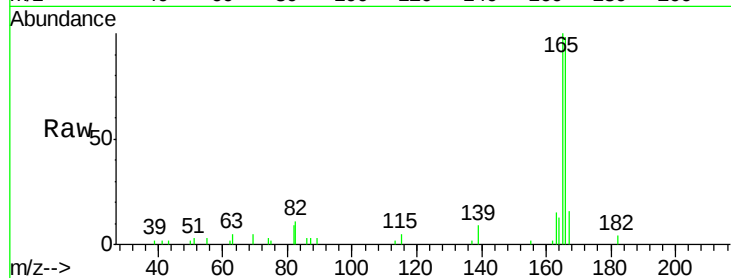
Tgt Ion:166 Resp: 15341

Ion Ratio Lower Upper

166 100

165 102.4 78.3 117.5

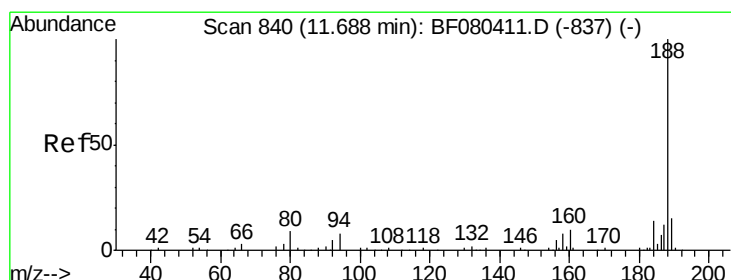
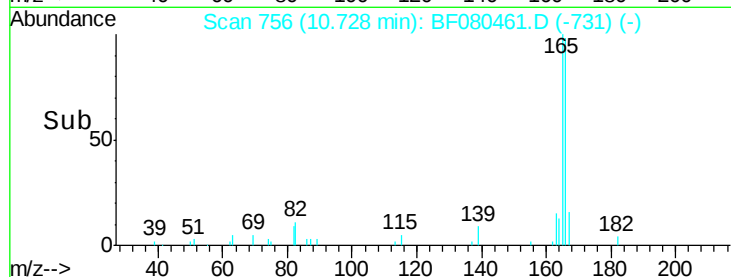
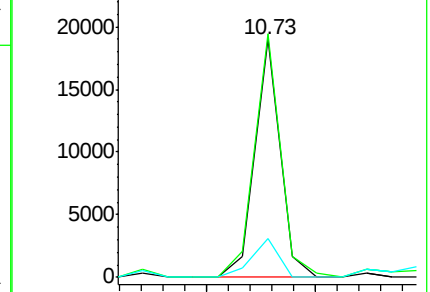
167 16.2 10.6 15.8#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.68 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF080461.D

Acq: 14 Jul 2015 11:26

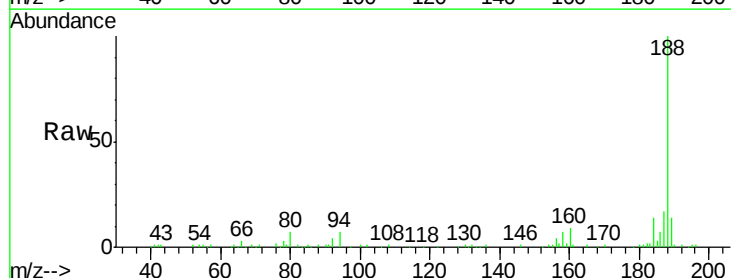
Tgt Ion:188 Resp: 110211

Ion Ratio Lower Upper

188 100

94 6.8 6.7 10.1

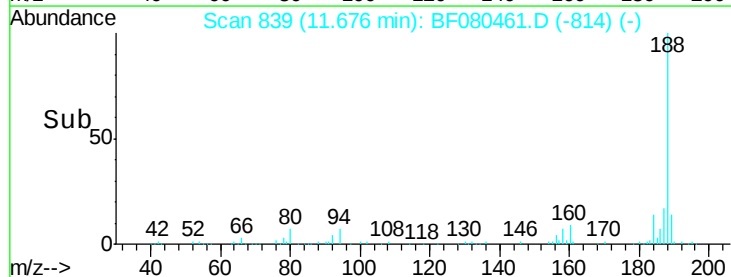
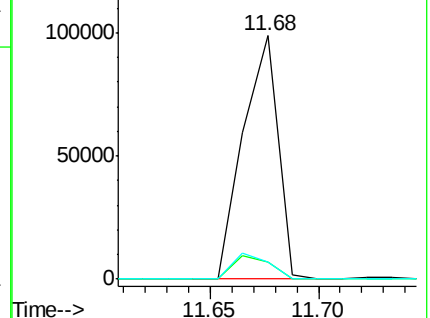
80 7.1 7.5 11.3#

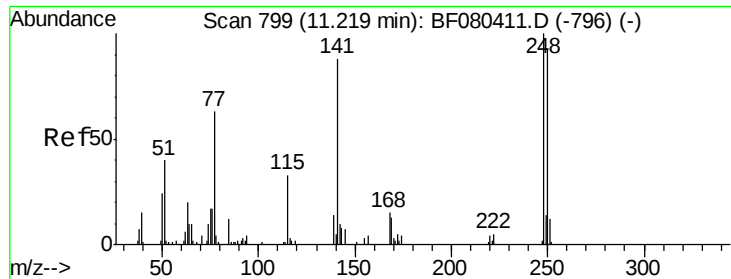


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

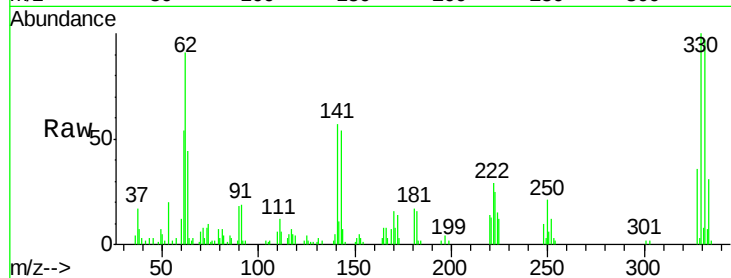




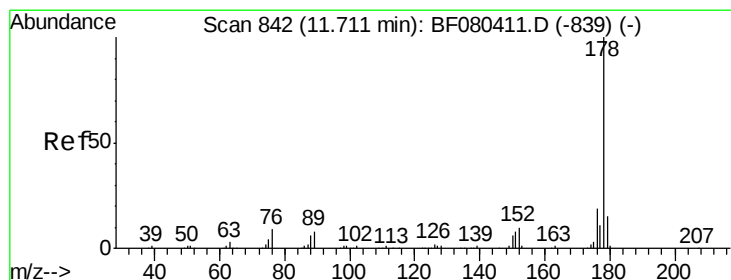
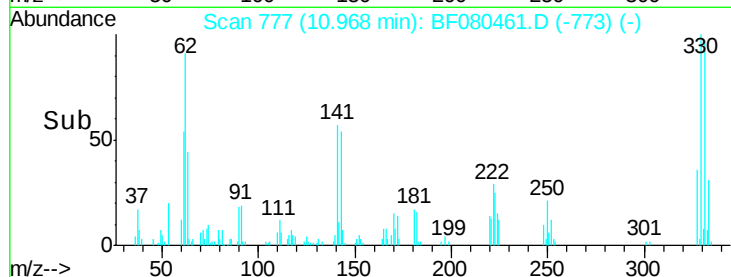
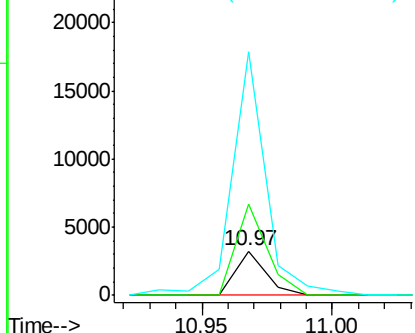
#66
 4-Bromophenyl-phenylether
 Concen: 2.25 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.25 min
 Lab File: BF080461.D
 Acq: 14 Jul 2015 11:26

Instrument :
 BNA_F
 ClientSampled :
 TEC-E2

Tgt Ion:248 Resp: 2644
 Ion Ratio Lower Upper
 248 100
 250 208.4 74.2 111.4#
 141 552.3 70.7 106.1#

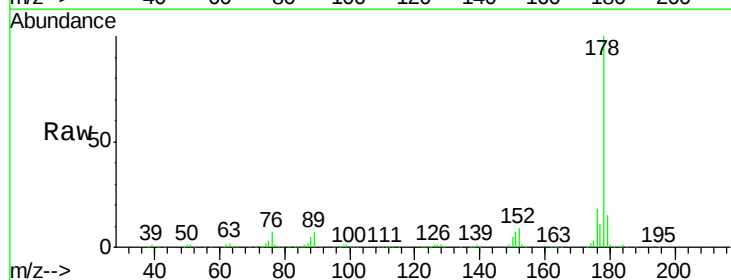


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

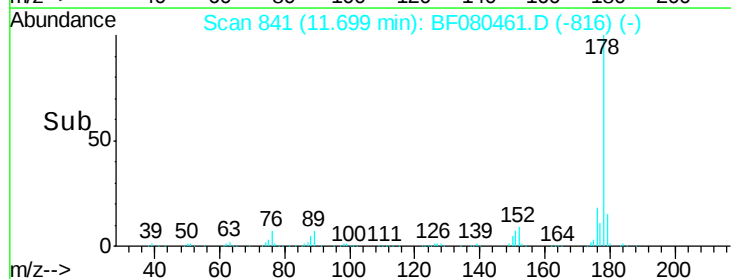
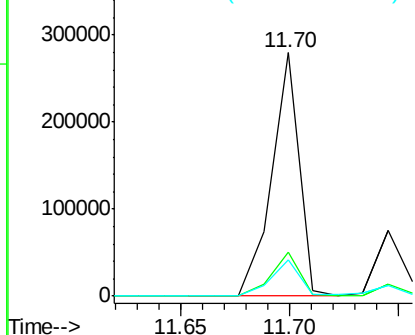


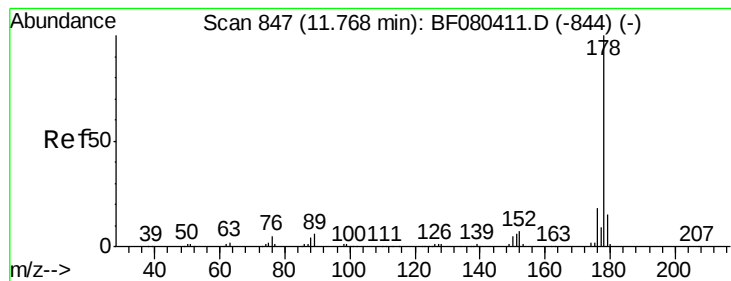
#70
 Phenanthrene
 Concen: 37.62 ng
 RT: 11.70 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF080461.D
 Acq: 14 Jul 2015 11:26

Tgt Ion:178 Resp: 249103
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.2 22.8
 179 14.9 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

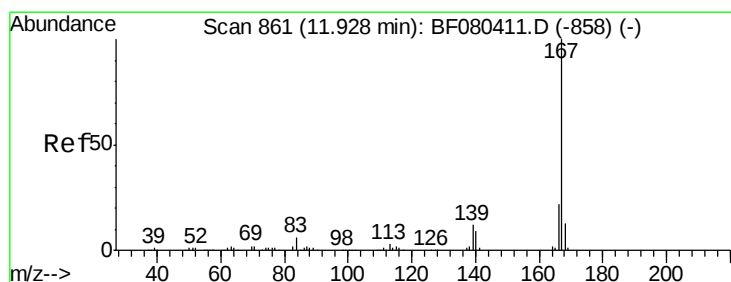
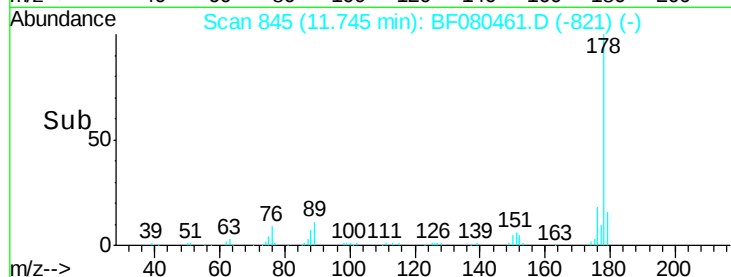
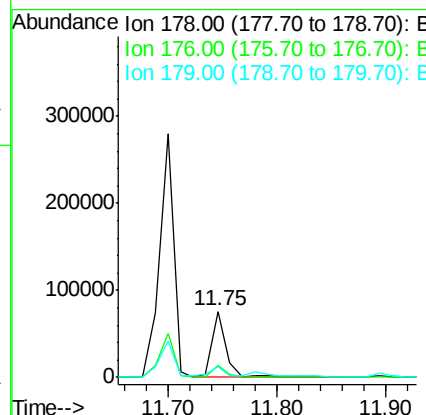
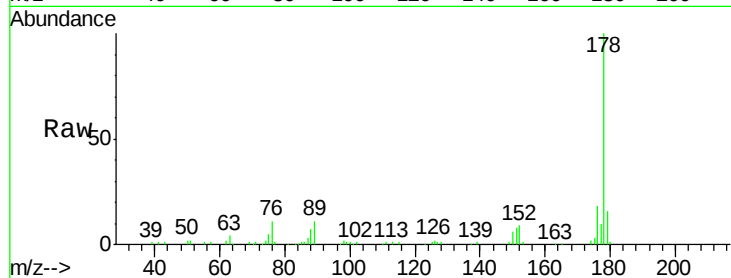




#71
 Anthracene
 Concen: 11.38 ng
 RT: 11.75 min Scan# 845
 Delta R.T. -0.02 min
 Lab File: BF080461.D
 Acq: 14 Jul 2015 11:26

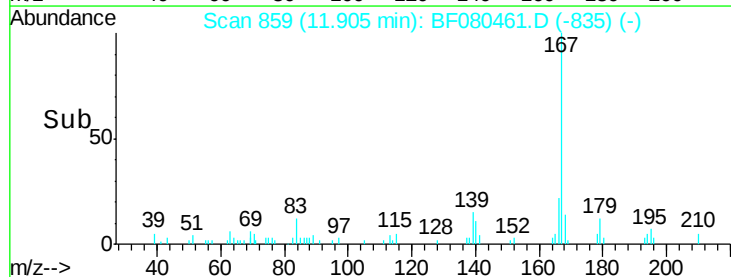
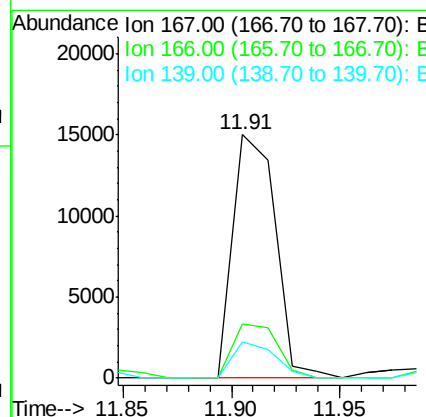
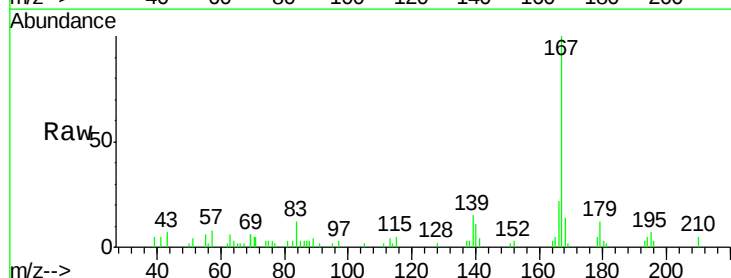
Instrument :
 BNA_F
 ClientSampleId :
 TEC-E2

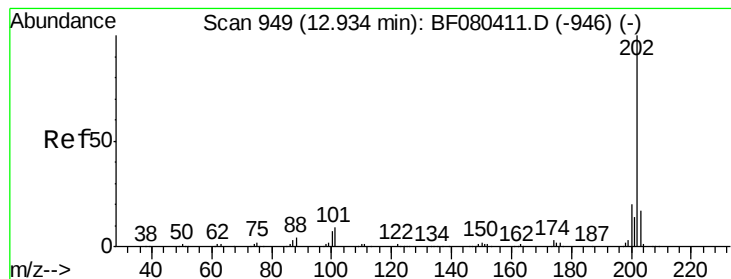
Tgt Ion:178 Resp: 69800
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.2 21.4
 179 15.6 11.6 17.4



#72
 Carbazole
 Concen: 3.59 ng
 RT: 11.91 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: BF080461.D
 Acq: 14 Jul 2015 11:26

Tgt Ion:167 Resp: 20338
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.4 26.2
 139 15.1 9.5 14.3#





#74

Fluoranthene

Concen: 51.38 ng

RT: 12.93 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF080461.D

Acq: 14 Jul 2015 11:26

Instrument :

BNA_F

ClientSampleId :

TEC-E2

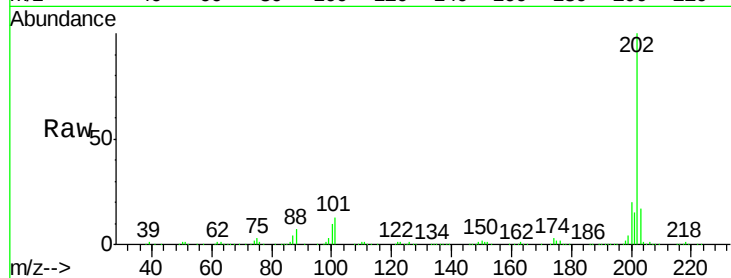
Tgt Ion: 202 Resp: 352842

Ion Ratio Lower Upper

202 100

101 12.7 0.0 28.8

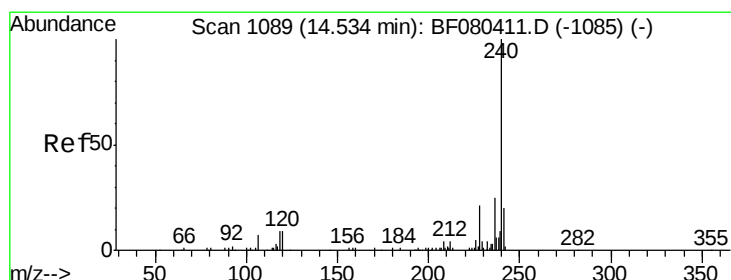
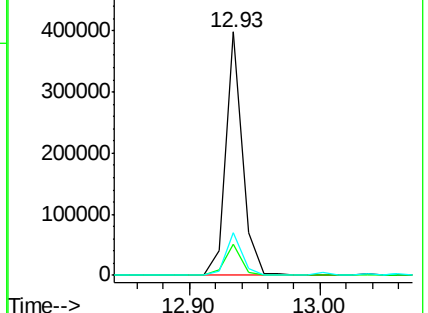
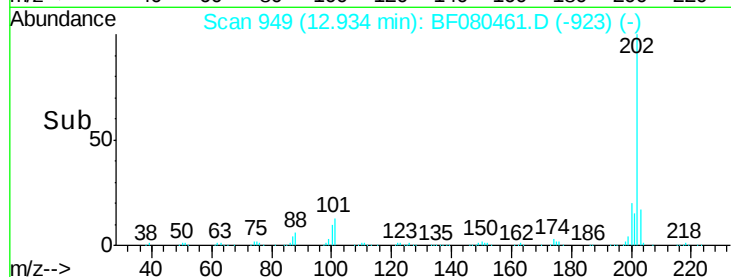
203 17.4 0.0 37.3



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: 14.58 min Scan# 1093

Delta R.T. 0.05 min

Lab File: BF080461.D

Acq: 14 Jul 2015 11:26

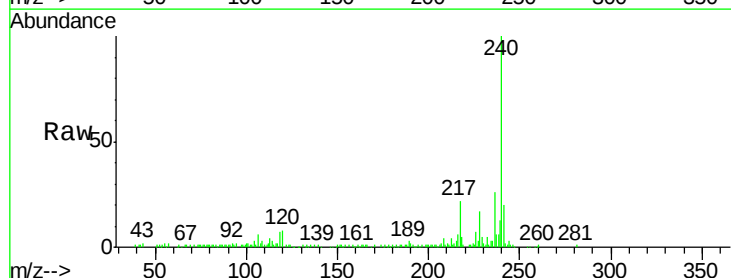
Tgt Ion: 240 Resp: 106085

Ion Ratio Lower Upper

240 100

120 8.4 7.4 11.2

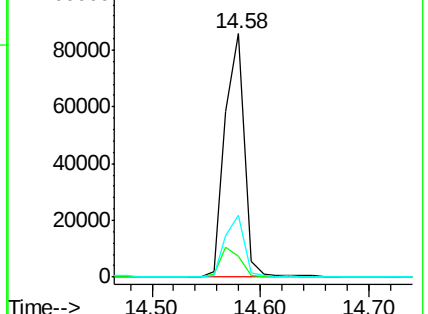
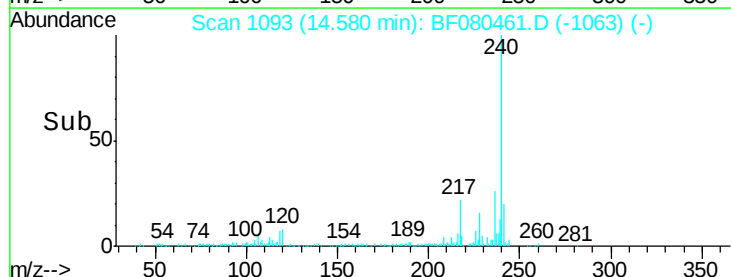
236 25.6 19.7 29.5

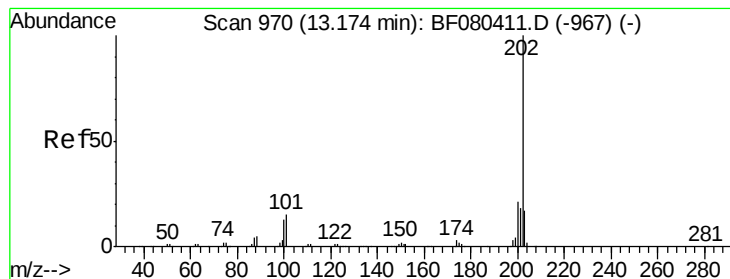


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 44.80 ng

RT: 13.19 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF080461.D

Acq: 14 Jul 2015 11:26

Instrument :

BNA_F

ClientSampleId :

TEC-E2

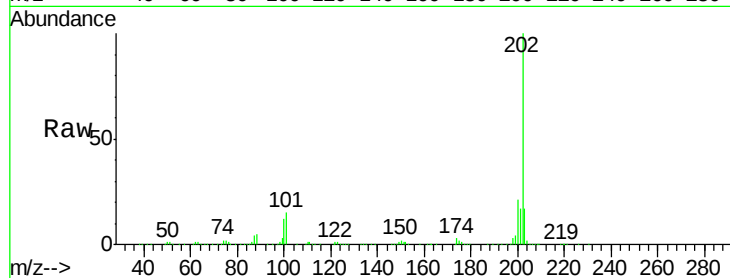
Tgt Ion:202 Resp: 304488

Ion Ratio Lower Upper

202 100

200 20.8 17.0 25.6

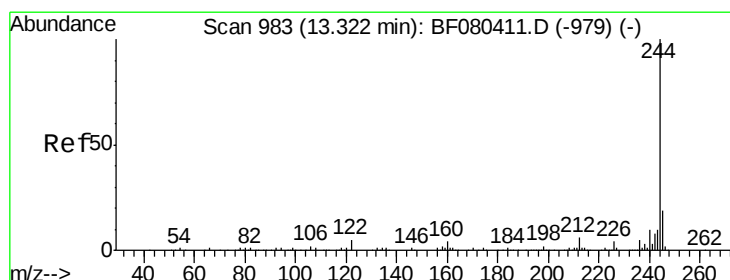
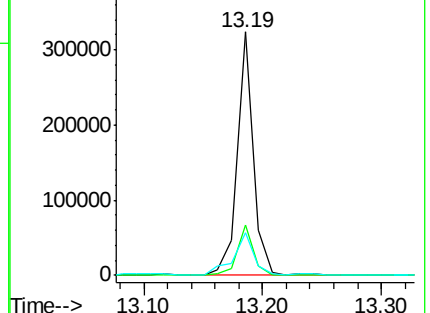
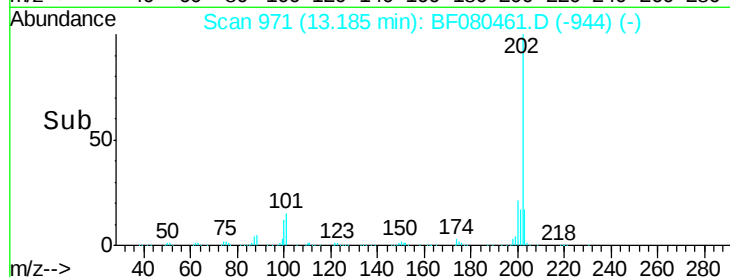
203 17.4 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 41.47 ng

RT: 13.33 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF080461.D

Acq: 14 Jul 2015 11:26

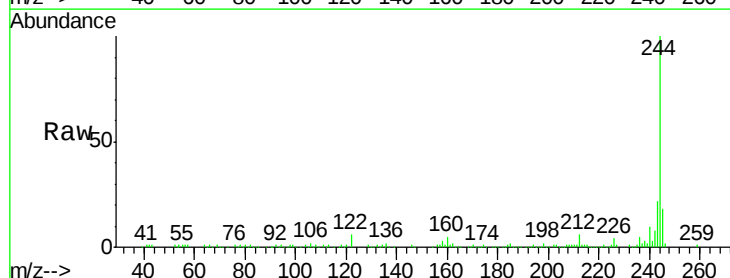
Tgt Ion:244 Resp: 202567

Ion Ratio Lower Upper

244 100

212 6.3 4.9 7.3

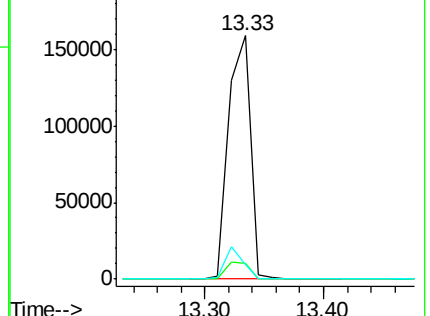
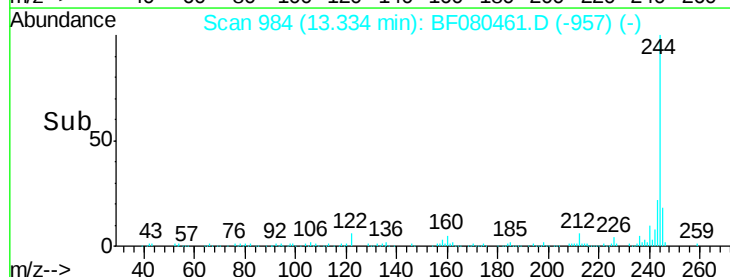
122 6.1 4.1 6.1#

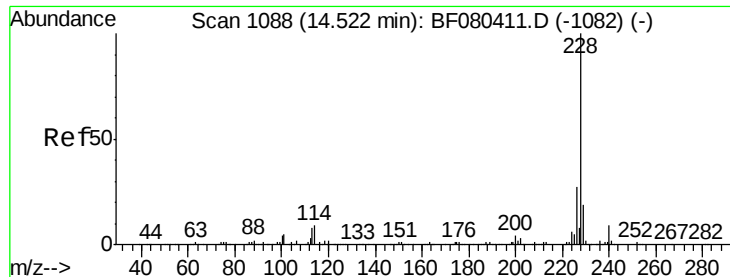


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 25.41 ng

RT: 14.56 min Scan# 1091

Delta R.T. 0.03 min

Lab File: BF080461.D

Acq: 14 Jul 2015 11:26

Instrument :

BNA_F

ClientSampleId :

TEC-E2

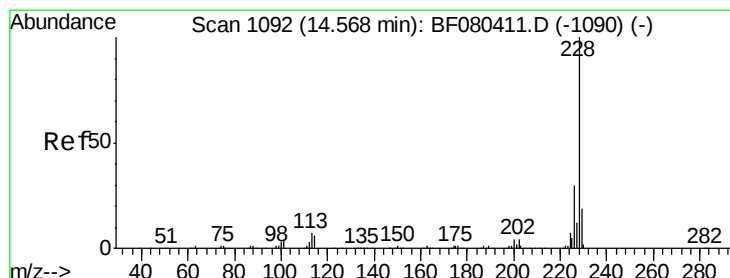
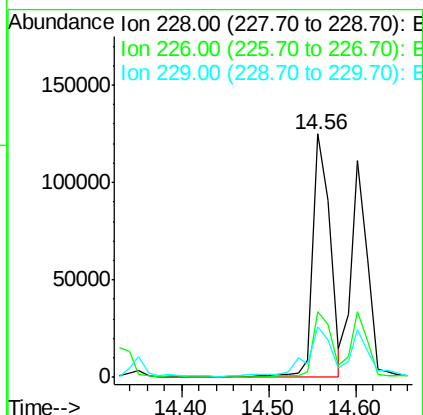
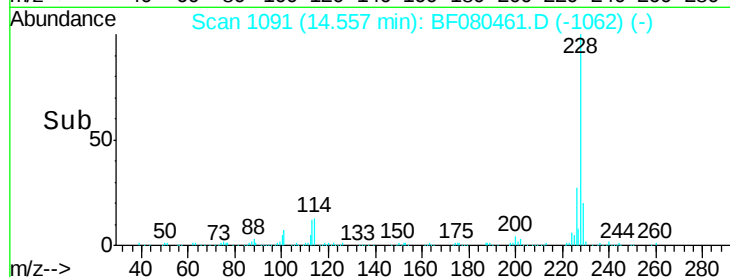
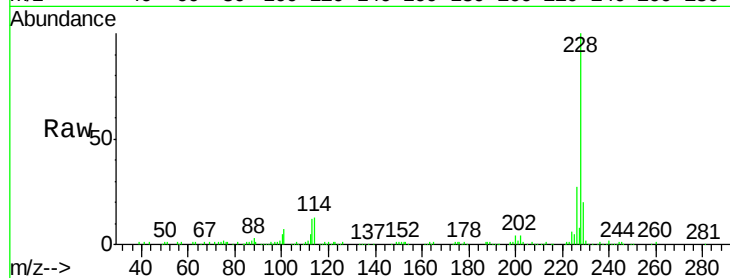
Tgt Ion:228 Resp: 169876

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

229 20.5 15.5 23.3



#82

Chrysene

Concen: 23.50 ng

RT: 14.60 min Scan# 1095

Delta R.T. 0.03 min

Lab File: BF080461.D

Acq: 14 Jul 2015 11:26

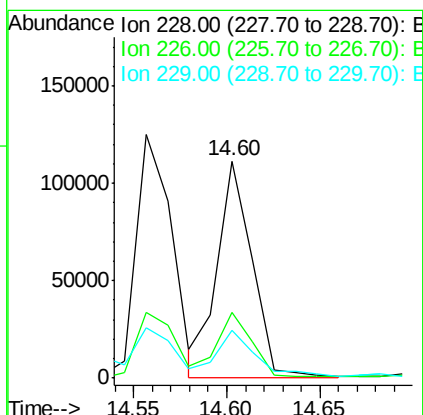
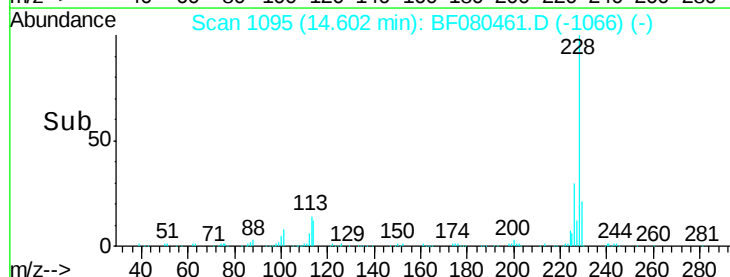
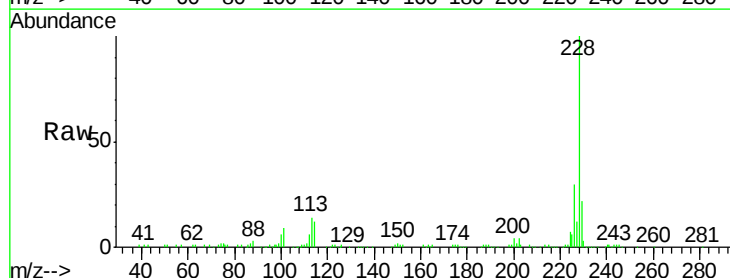
Tgt Ion:228 Resp: 144659

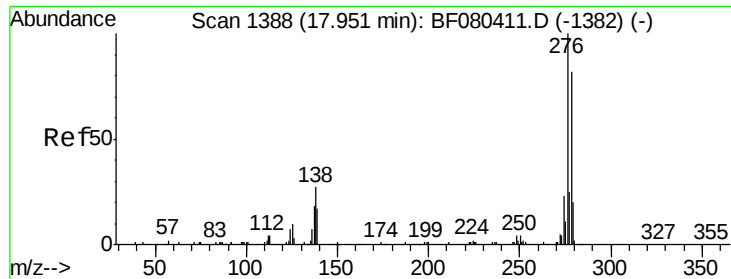
Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 22.0 15.5 23.3

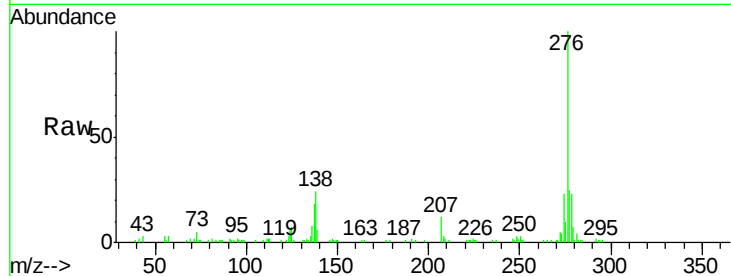




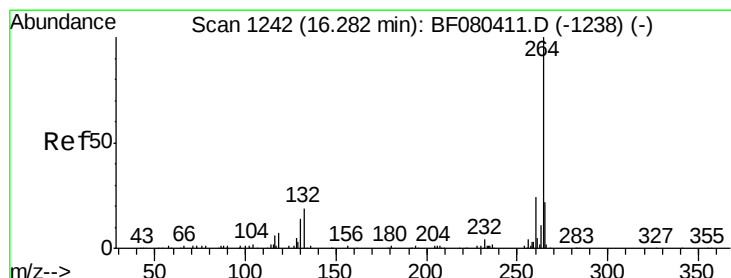
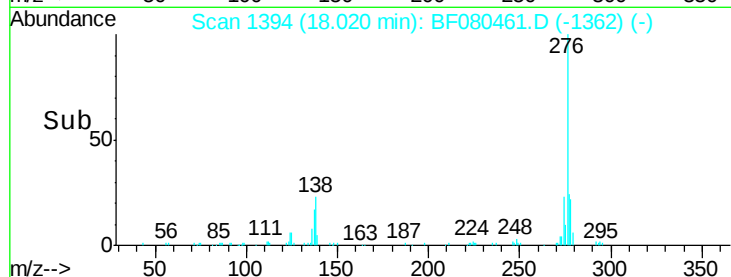
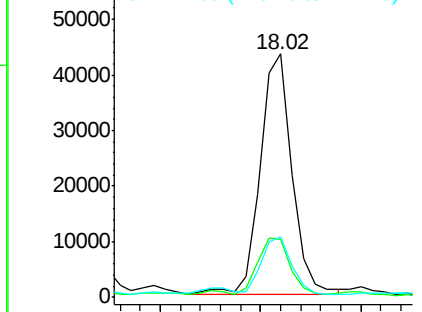
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 12.34 ng
 RT: 18.02 min Scan# 1394
 Delta R.T. 0.07 min
 Lab File: BF080461.D
 Acq: 14 Jul 2015 11:26

Instrument :
 BNA_F
 ClientSampleId :
 TEC-E2

Tgt Ion: 276 Resp: 94383
 Ion Ratio Lower Upper
 276 100
 138 25.8 21.4 32.0
 277 23.6 19.5 29.3

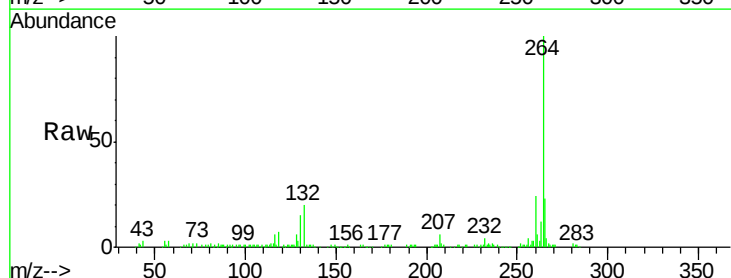


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

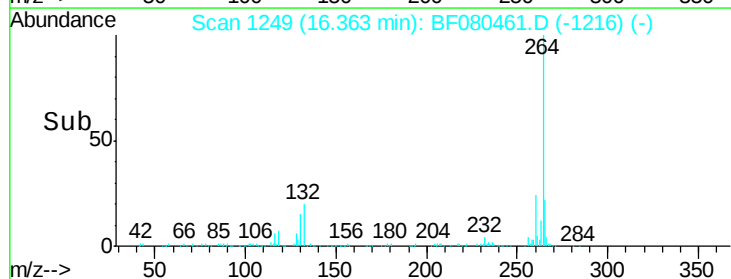
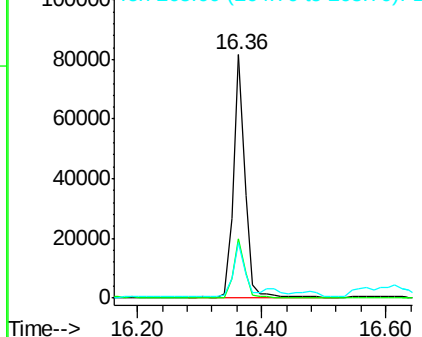


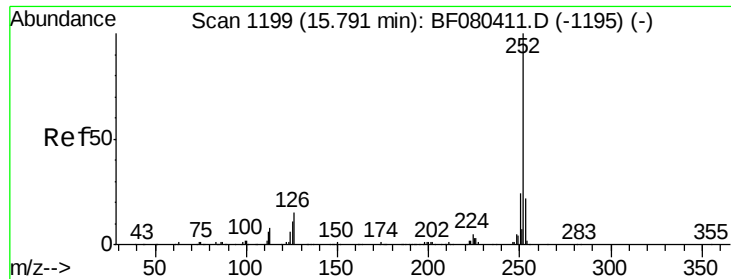
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.36 min Scan# 1249
 Delta R.T. 0.08 min
 Lab File: BF080461.D
 Acq: 14 Jul 2015 11:26

Tgt Ion: 264 Resp: 107368
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 22.8 17.8 26.8



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

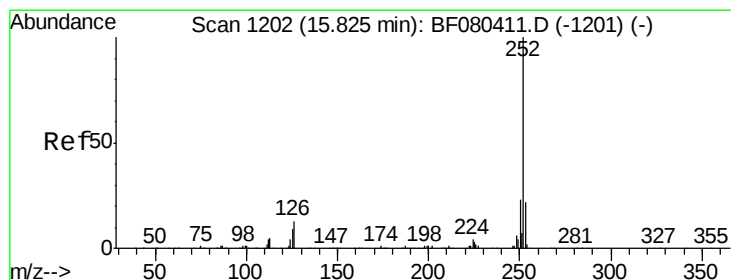
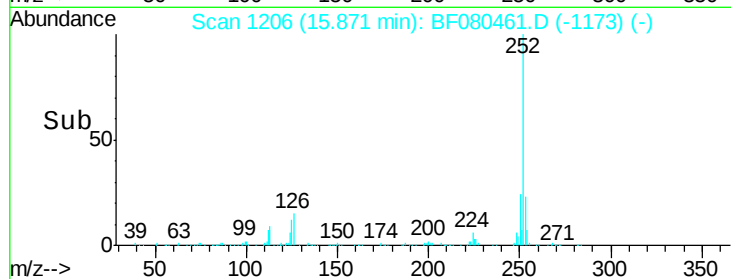
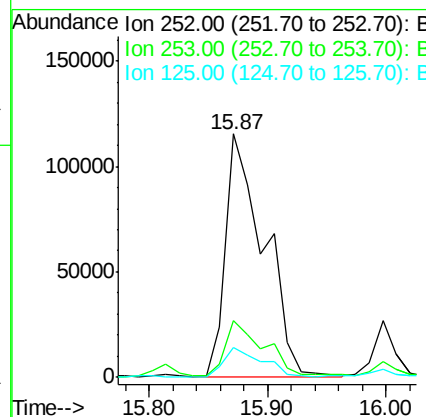
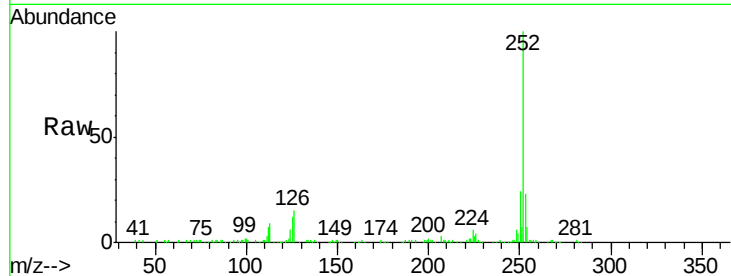




#87
Benzo(b)fluoranthene
Concen: 34.65 ng
RT: 15.87 min Scan# 1206
Delta R.T. 0.08 min
Lab File: BF080461.D
Acq: 14 Jul 2015 11:26

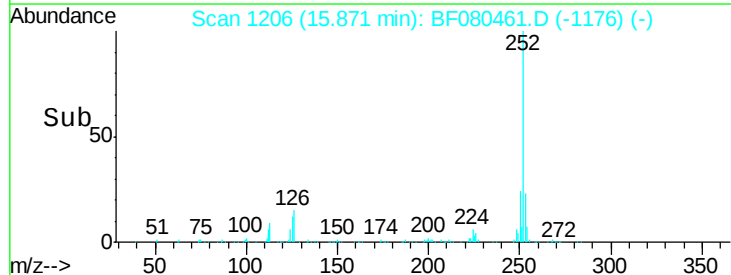
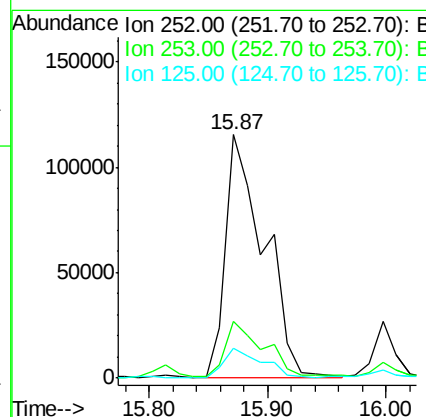
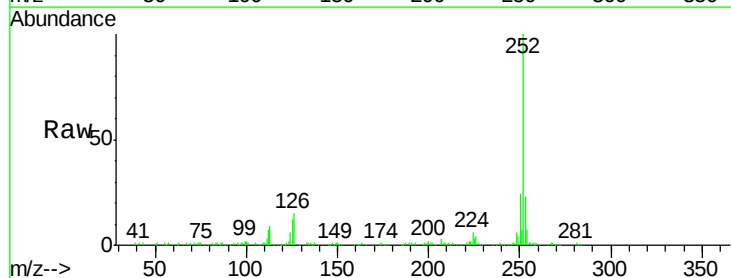
Instrument :
BNA_F
ClientSampleId :
TEC-E2

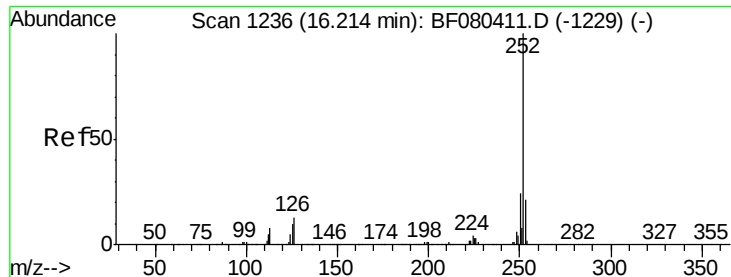
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	12.3	8.6	12.8



#88
Benzo(k)fluoranthene
Concen: 42.37 ng
RT: 15.87 min Scan# 1206
Delta R.T. 0.05 min
Lab File: BF080461.D
Acq: 14 Jul 2015 11:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	12.3	8.4	12.6

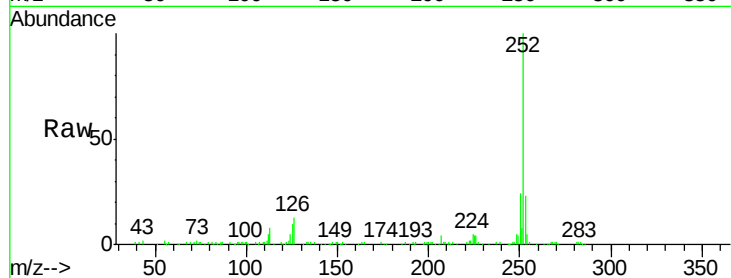




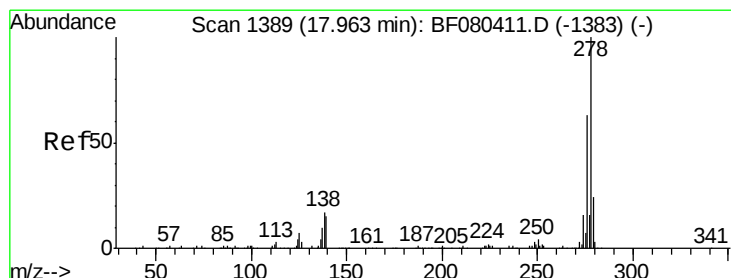
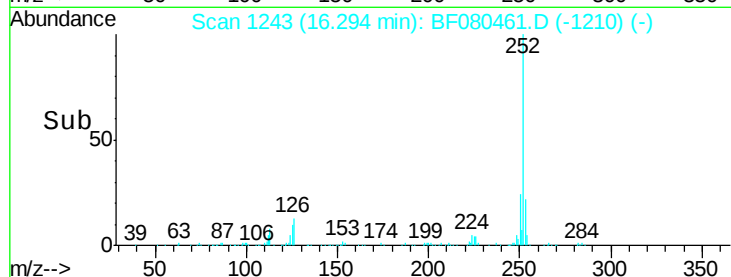
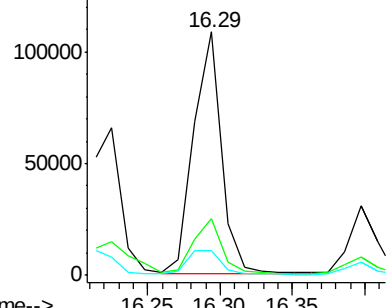
#89
Benzo(a)pyrene
Concen: 22.20 ng
RT: 16.29 min Scan# 1243
Delta R.T. 0.08 min
Lab File: BF080461.D
Acq: 14 Jul 2015 11:26

Instrument :
BNA_F
ClientSampleId :
TEC-E2

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	10.0	8.1	12.1

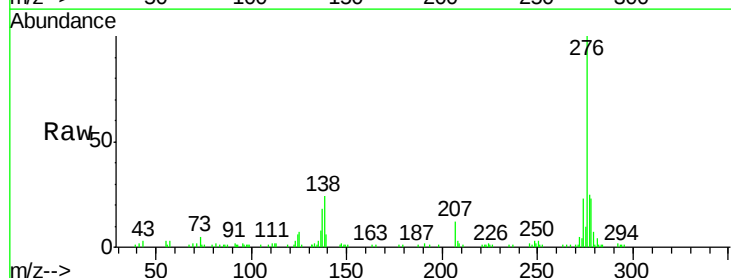


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

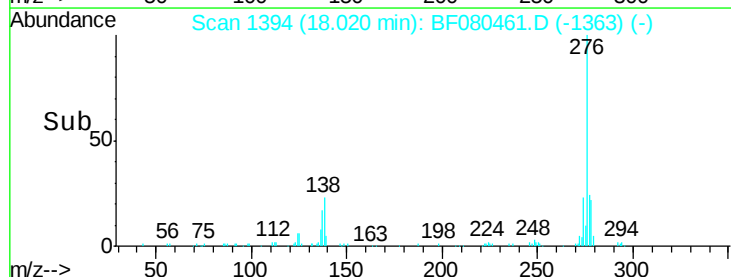
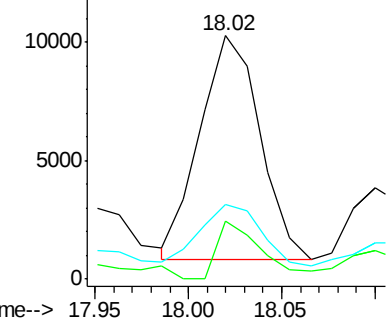


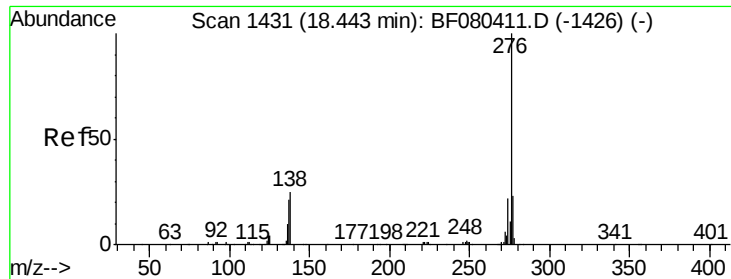
#90
Dibenzo(a,h)anthracene
Concen: 3.29 ng
RT: 18.02 min Scan# 1394
Delta R.T. 0.06 min
Lab File: BF080461.D
Acq: 14 Jul 2015 11:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.0	11.8	17.8#
279	30.5	18.8	28.2#



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: 14.08 ng

RT: 18.51 min Scan# 1437

Delta R.T. 0.07 min

Lab File: BF080461.D

Acq: 14 Jul 2015 11:26

Instrument :

BNA_F

ClientSampleId :

TEC-E2

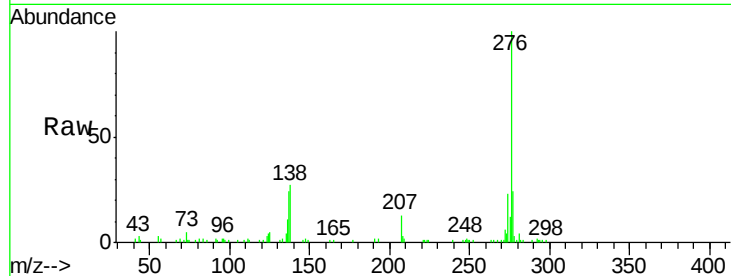
Tgt Ion:276 Resp: 90540

Ion Ratio Lower Upper

276 100

277 23.6 18.2 27.4

138 27.2 20.3 30.5



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

