

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071816\
 Data File : BF089097.D
 Acq On : 18 Jul 2016 22:41
 Operator : UM/SJ
 Sample : H4046-24
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 C5-4

Quant Time: Jul 19 03:17:41 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	49131	20.00	ng	-0.07
21) Naphthalene-d8	7.93	136	194611	20.00	ng	-0.07
38) Acenaphthene-d10	9.68	164	74442	20.00	ng	-0.07
63) Phenanthrene-d10	11.15	188	125881	20.00	ng	-0.07
75) Chrysene-d12	13.78	240	99573	20.00	ng	-0.07
86) Perylene-d12	15.14	264	83548	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	306030	93.35	ng	-0.05
7) Phenol-d6	6.31	99	420972	99.38	ng	-0.05
23) Nitrobenzene-d5	7.21	82	242769	65.37	ng	-0.07
41) 2,4,6-Tribromophenol	10.47	330	54379	78.67	ng	-0.07
44) 2-Fluorobiphenyl	9.00	172	339814	72.10	ng	-0.07
78) Terphenyl-d14	12.74	244	274294	61.36	ng	-0.06

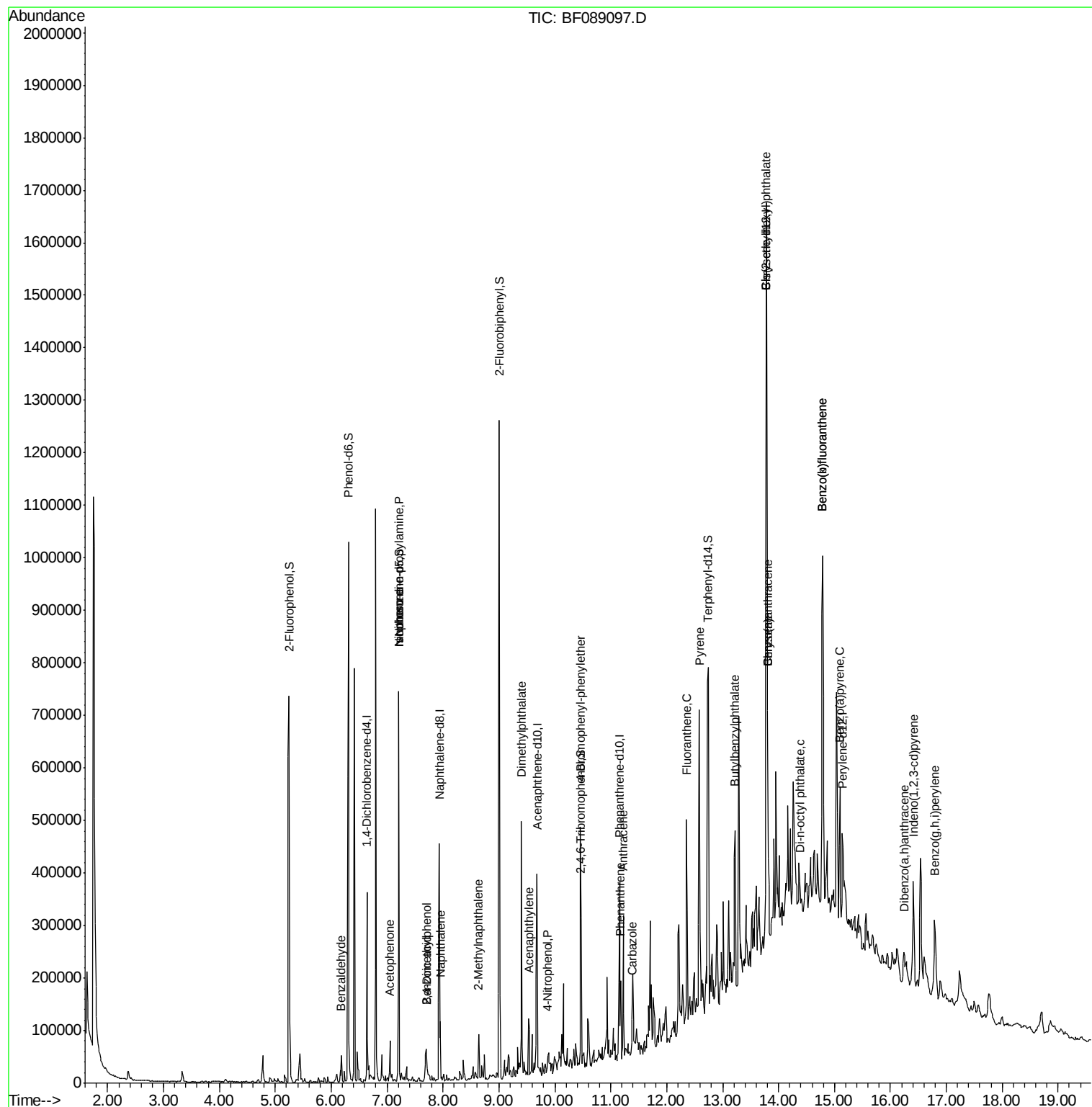
Target Compounds				Qvalue		
9) Benzaldehyde	6.18	77	10436	3.64	ng	92
19) n-Nitroso-di-n-propylamine	7.21	70	33221	11.68	ng	# 73
22) Acetophenone	7.05	105	22366	4.74	ng	# 90
25) Isophorone	7.21	82	184010	26.75	ng	# 65
27) 2,4-Dimethylphenol	7.70	122	12940	4.05	ng	# 9
31) Naphthalene	7.95	128	58257	6.07	ng	98
32) Benzoic acid	7.70	122	12940	5.57	ng	92
37) 2-Methylnaphthalene	8.64	142	20248	3.28	ng	# 94
48) Acenaphthylene	9.53	152	57761	7.50	ng	99
49) Dimethylphthalate	9.40	163	154154	29.07	ng	99
55) 4-Nitrophenol	9.87	139	3560	3.14	ng	# 22
66) 4-Bromophenyl-phenylether	10.46	248	3890	3.07	ng	# 1
70) Phenanthrene	11.18	178	58009	8.43	ng	97
71) Anthracene	11.22	178	102801	15.02	ng	99
72) Carbazole	11.38	167	19570	3.04	ng	98
74) Fluoranthene	12.35	202	172587	24.74	ng	96
77) Pyrene	12.58	202	224665	26.61	ng	100
79) Butylbenzylphthalate	13.22	149	95798	25.44	ng	99
80) Benzo(a)anthracene	13.81	228	360498	56.23	ng	96
82) Chrysene	13.81	228	360498	56.83	ng	97
83) Bis(2-ethylhexyl)phthalate	13.78	149	295996	68.85	ng	# 96
84) Di-n-octyl phthalate	14.39	149	25010	3.42	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.41	276	102531	21.01	ng	# 100
87) Benzo(b)fluoranthene	14.79	252	499344	95.28	ng	# 96
88) Benzo(k)fluoranthene	14.79	252	499344	109.44	ng	98
89) Benzo(a)pyrene	15.10	252	105952	23.88	ng	# 96
90) Dibenzo(a,h)anthracene	16.25	278	34888	9.42	ng	94
91) Benzo(g,h,i)perylene	16.79	276	88269	23.02	ng	99

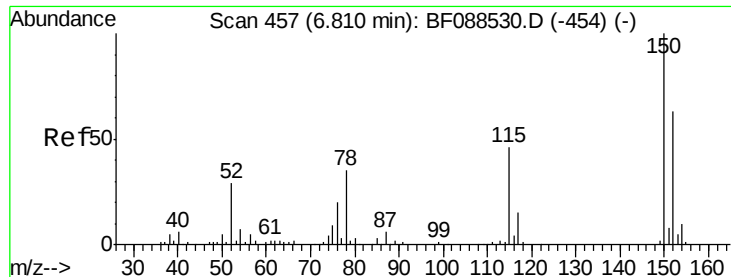
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.07 min

Lab File: BF089097.D

Acq: 18 Jul 2016 22:41

Instrument :

BNA_F

ClientSampleId :

C5-4

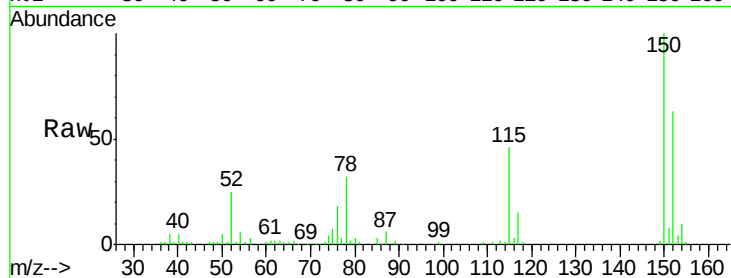
Tgt Ion:152 Resp: 49131

Ion Ratio Lower Upper

152 100

150 158.9 123.8 185.6

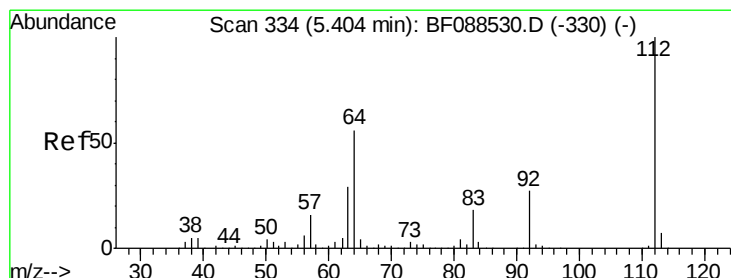
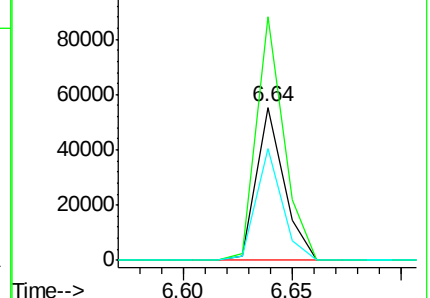
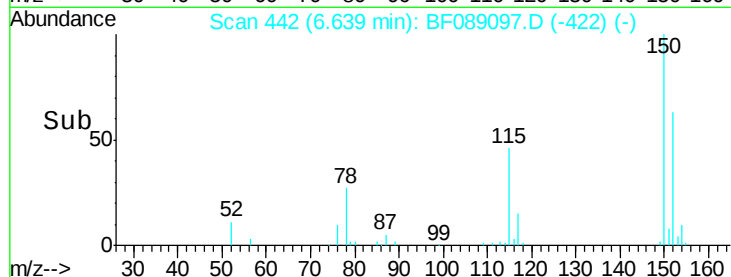
115 73.3 39.6 59.4#



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: 93.35 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.05 min

Lab File: BF089097.D

Acq: 18 Jul 2016 22:41

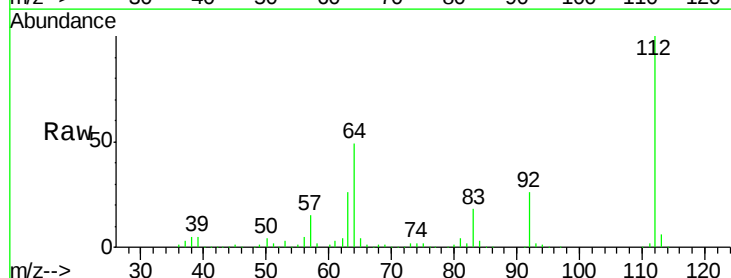
Tgt Ion:112 Resp: 306030

Ion Ratio Lower Upper

112 100

64 49.0 42.2 63.2

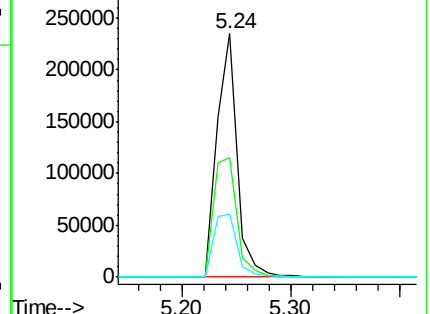
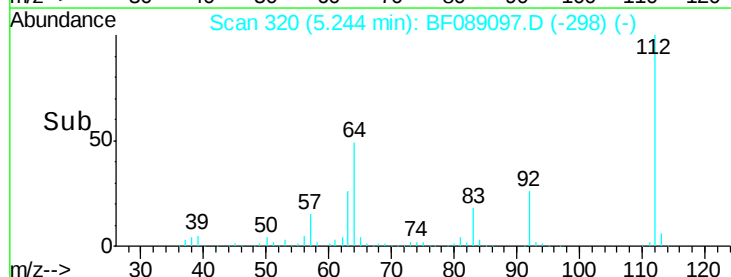
63 26.2 21.8 32.8



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: 99.38 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF089097.D

Acq: 18 Jul 2016 22:41

Instrument :

BNA_F

ClientSampleId :

C5-4

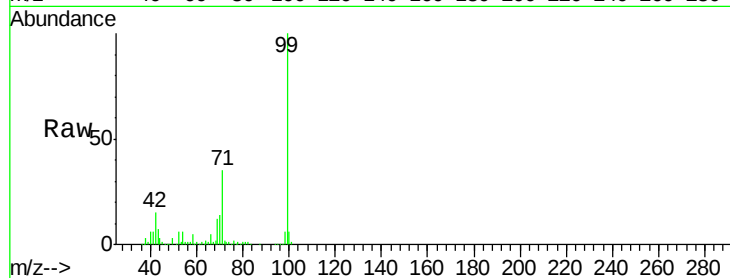
Tgt Ion: 99 Resp: 420972

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

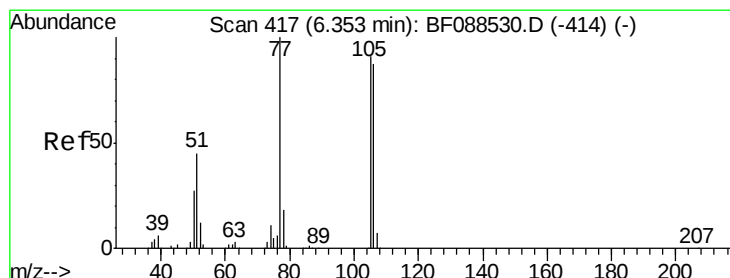
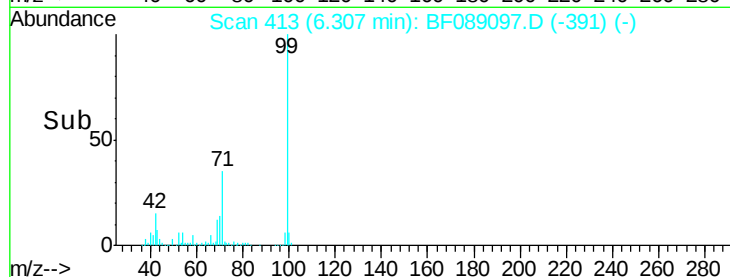
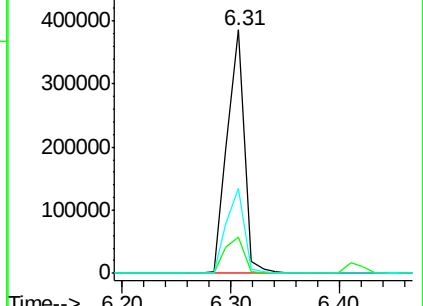
71 35.1 23.4 35.0#



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



#9

Benzaldehyde

Concen: 3.64 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.07 min

Lab File: BF089097.D

Acq: 18 Jul 2016 22:41

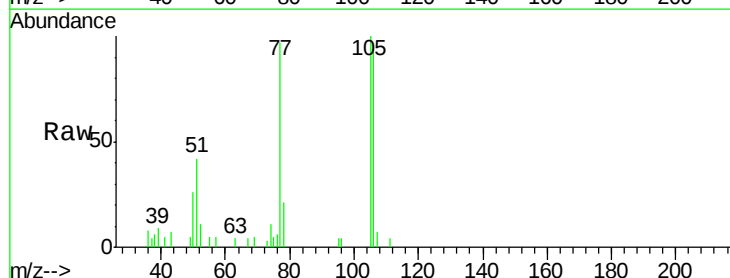
Tgt Ion: 77 Resp: 10436

Ion Ratio Lower Upper

77 100

105 102.7 90.6 130.6

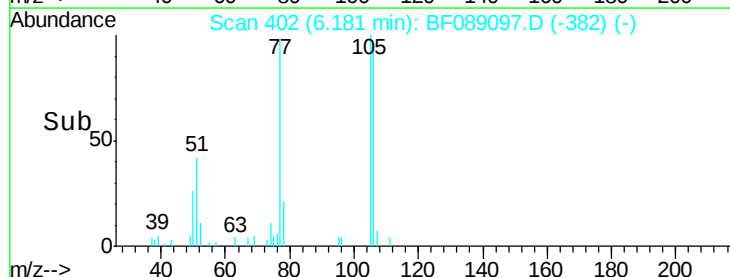
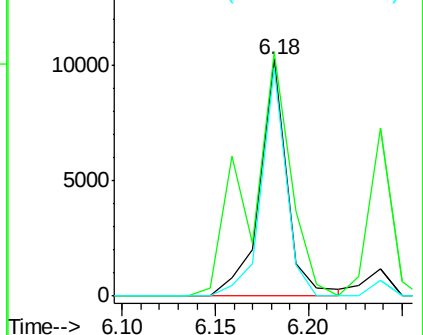
106 96.2 85.3 125.3

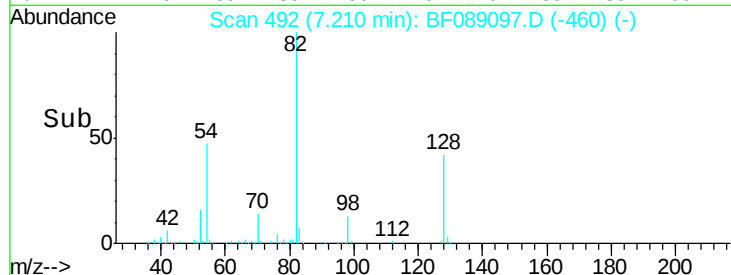
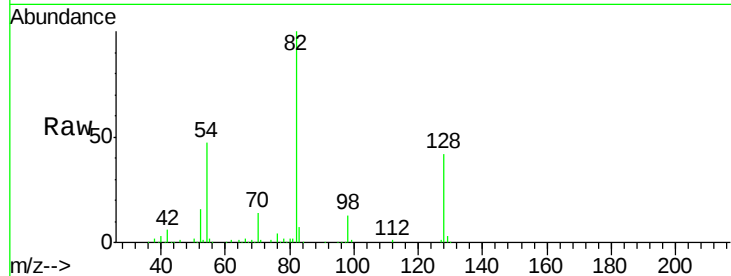
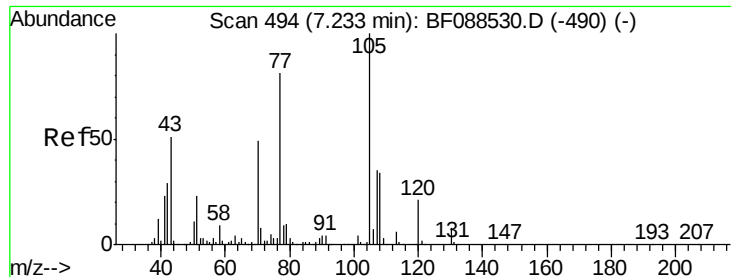


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

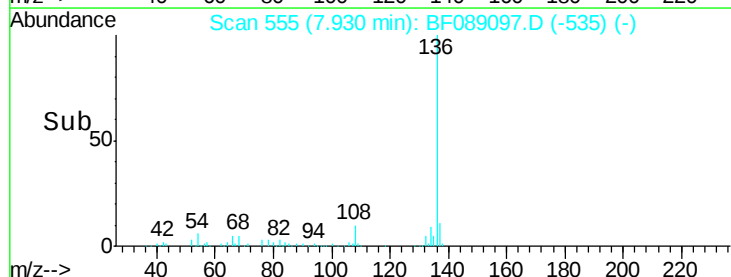
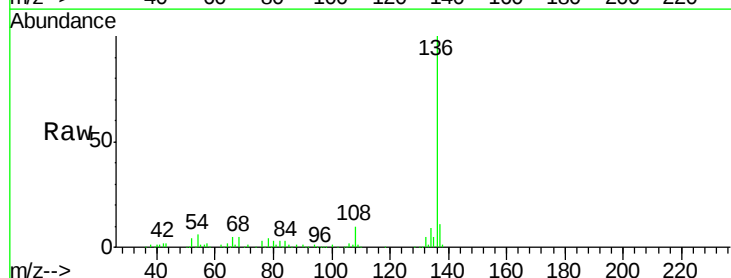
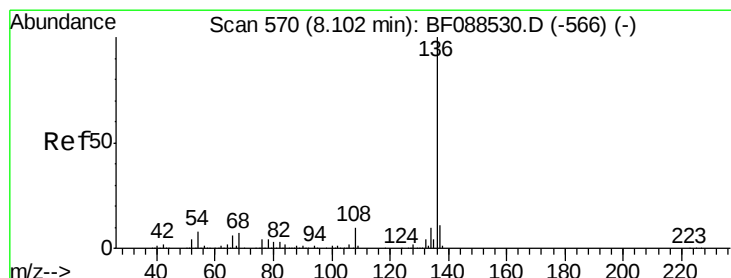
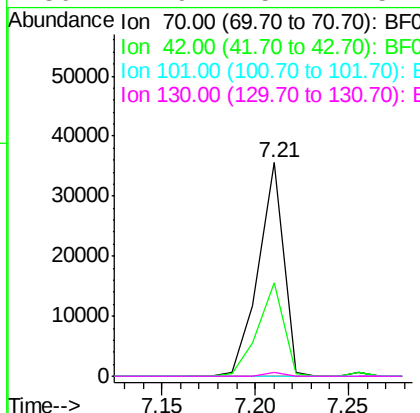




#19
n-Nitroso-di-n-propylamine
Concen: 11.68 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.07 min
Lab File: BF089097.D
Acq: 18 Jul 2016 22:41

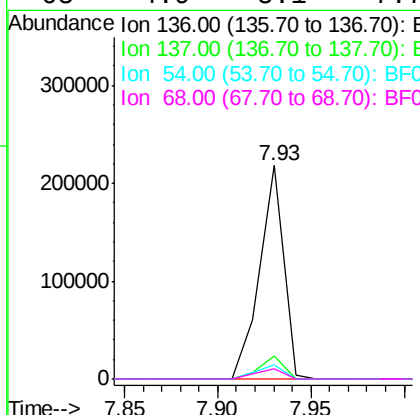
Instrument :
BNA_F
ClientSampleId :
C5-4

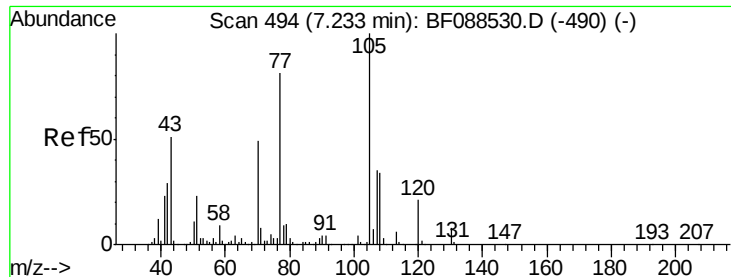
Tgt Ion: 70 Resp: 33221
Ion Ratio Lower Upper
70 100
42 43.6 49.6 74.4#
101 0.0 7.1 10.7#
130 1.9 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.07 min
Lab File: BF089097.D
Acq: 18 Jul 2016 22:41

Tgt Ion: 136 Resp: 194611
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 6.3 6.6 10.0#
68 4.9 5.1 7.7#





#22

Acetophenone

Concen: 4.74 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.08 min

Lab File: BF089097.D

Acq: 18 Jul 2016 22:41

Instrument :

BNA_F

ClientSampleId :

C5-4

Tgt Ion: 105 Resp: 22366

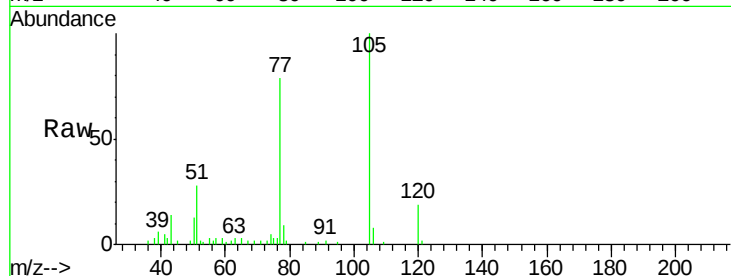
Ion Ratio Lower Upper

105 100

71 2.0 5.3 7.9#

51 27.7 18.2 27.4#

120 18.6 18.0 27.0

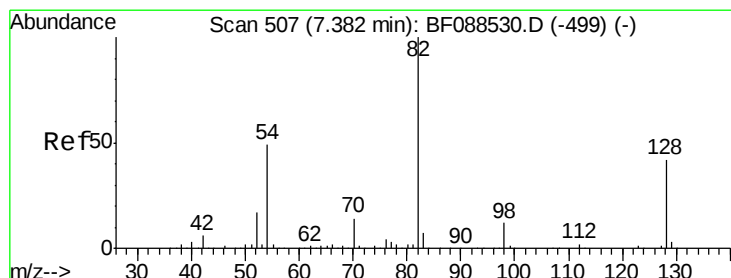
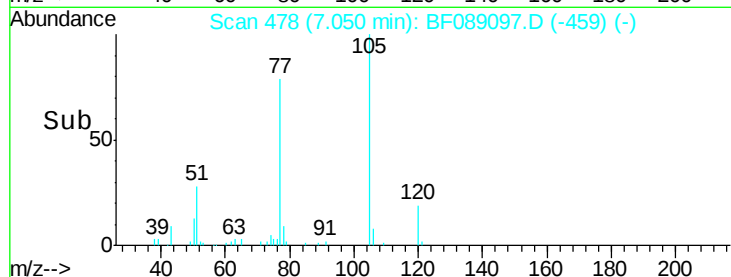
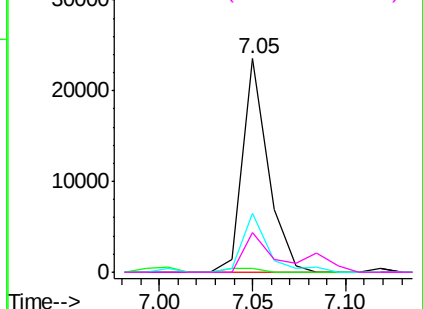


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 65.37 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.07 min

Lab File: BF089097.D

Acq: 18 Jul 2016 22:41

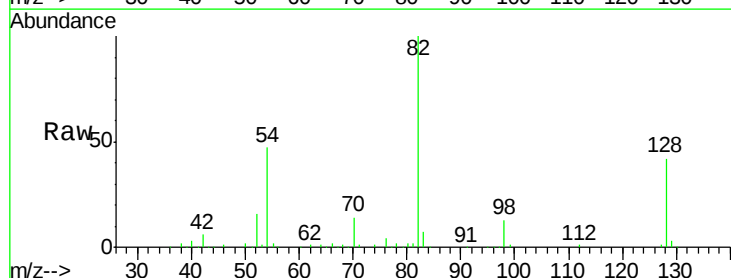
Tgt Ion: 82 Resp: 242769

Ion Ratio Lower Upper

82 100

128 42.0 35.9 53.9

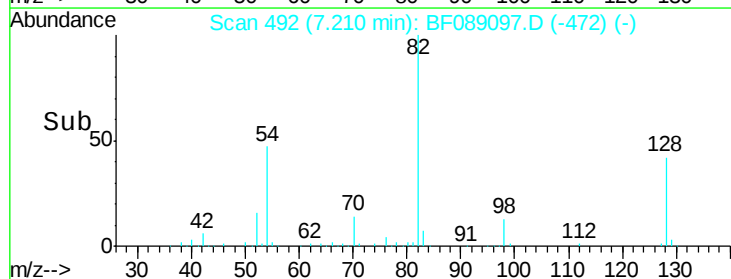
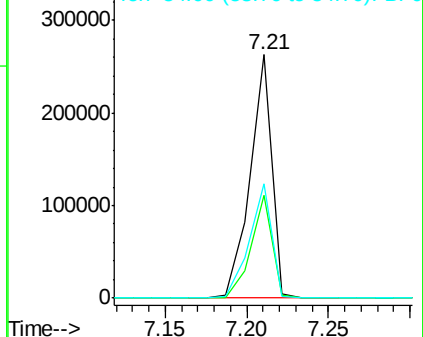
54 47.1 40.9 61.3

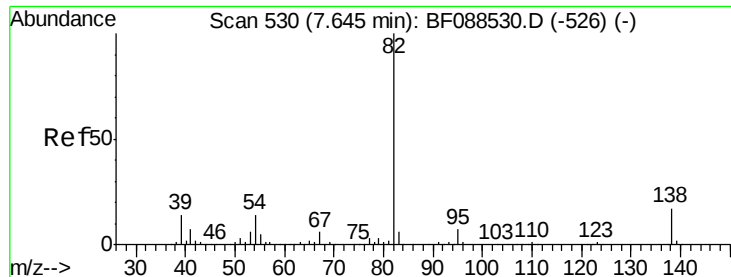


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 26.75 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.33 min

Lab File: BF089097.D

Acq: 18 Jul 2016 22:41

Instrument :

BNA_F

ClientSampleId :

C5-4

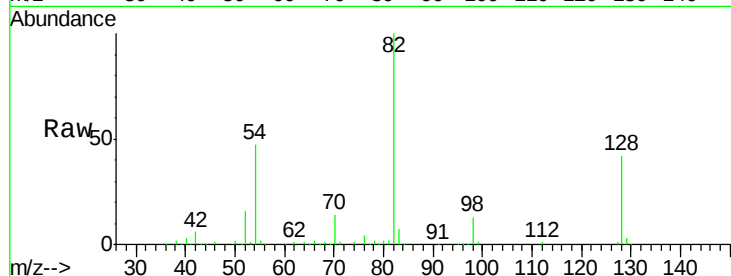
Tgt Ion: 82 Resp: 184010

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

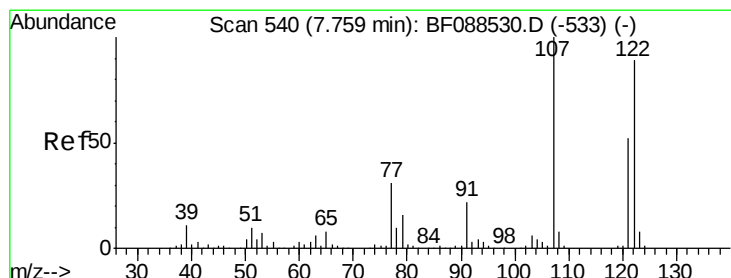
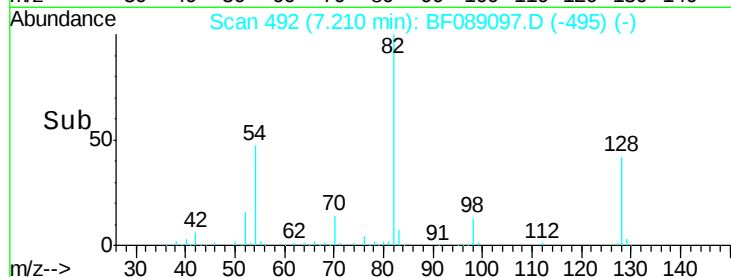
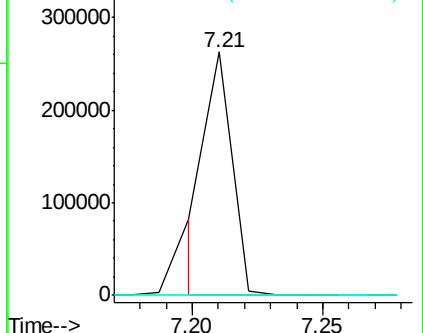
138 0.0 14.6 21.8#



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



#27

2,4-Dimethylphenol

Concen: 4.05 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.03 min

Lab File: BF089097.D

Acq: 18 Jul 2016 22:41

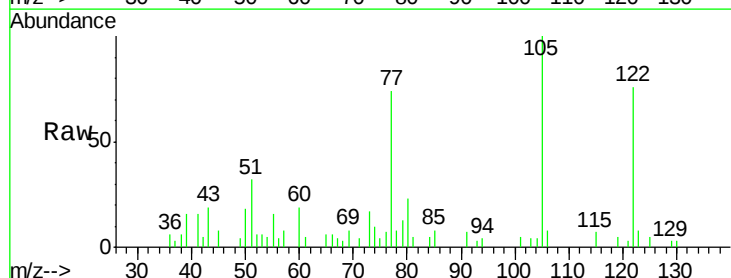
Tgt Ion: 122 Resp: 12940

Ion Ratio Lower Upper

122 100

107 0.0 82.4 123.6#

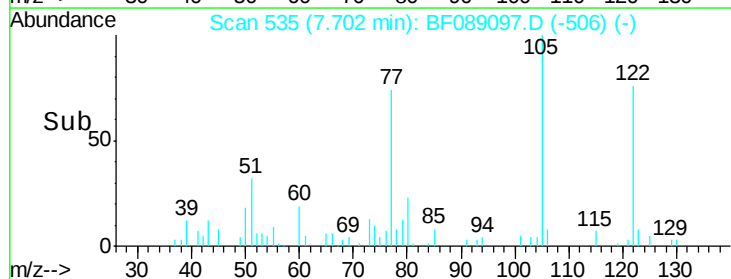
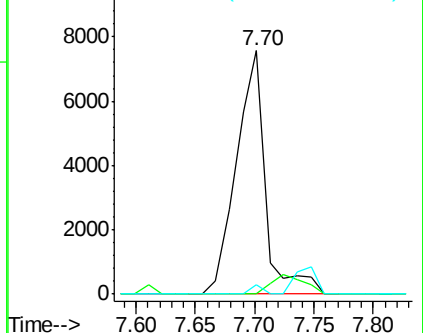
121 4.0 46.3 69.5#

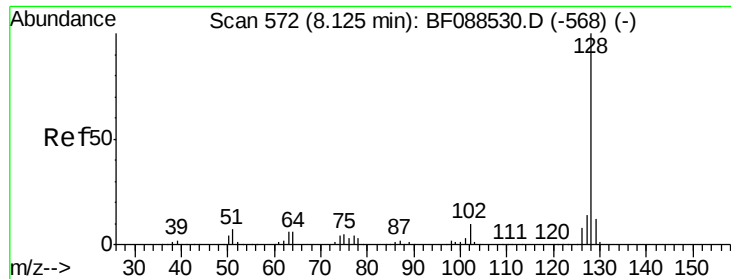


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

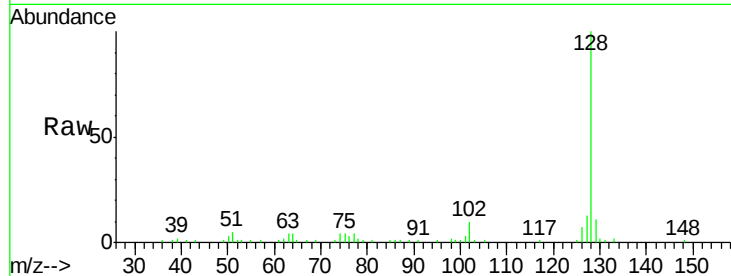




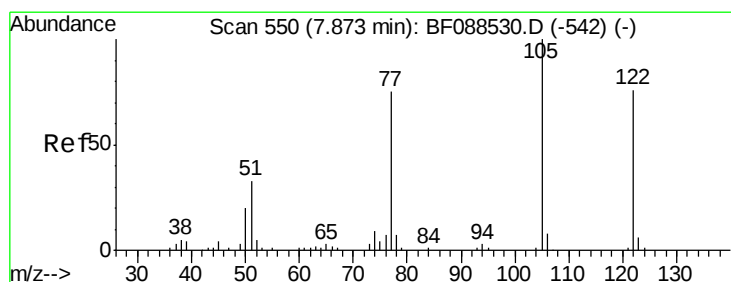
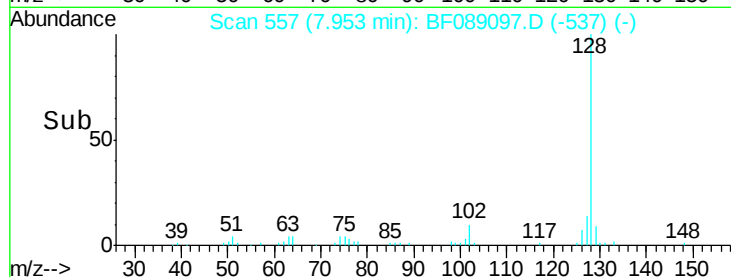
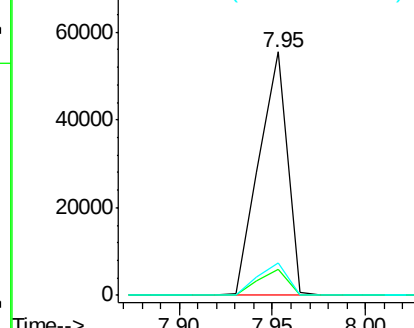
#31
Naphthalene
Concen: 6.07 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.07 min
Lab File: BF089097.D
Acq: 18 Jul 2016 22:41

Instrument :
BNA_F
ClientSampleId :
C5-4

Tgt Ion:128 Resp: 58257
Ion Ratio Lower Upper
128 100
129 10.5 9.4 14.2
127 13.5 10.9 16.3

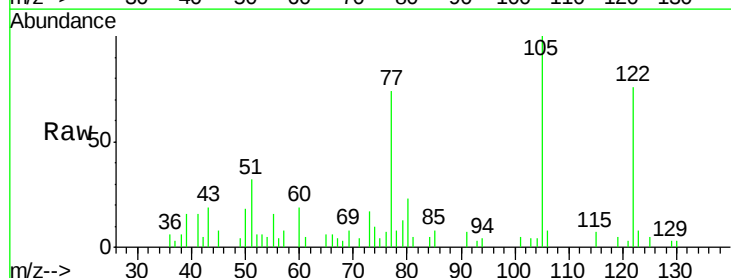


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

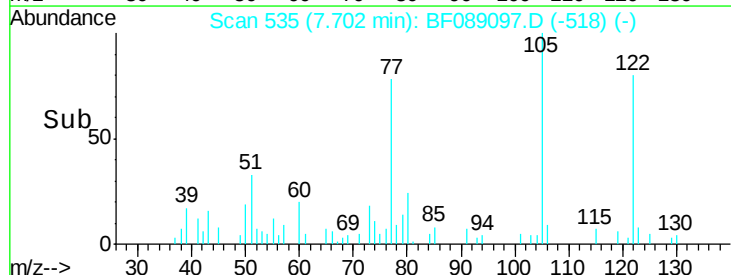
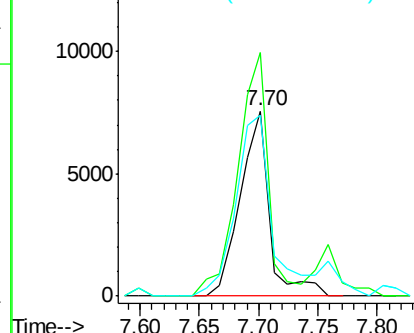


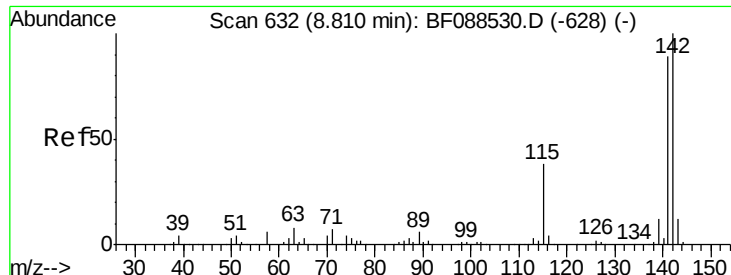
#32
Benzoic acid
Concen: 5.57 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.10 min
Lab File: BF089097.D
Acq: 18 Jul 2016 22:41

Tgt Ion:122 Resp: 12940
Ion Ratio Lower Upper
122 100
105 131.4 101.6 141.6
77 97.5 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

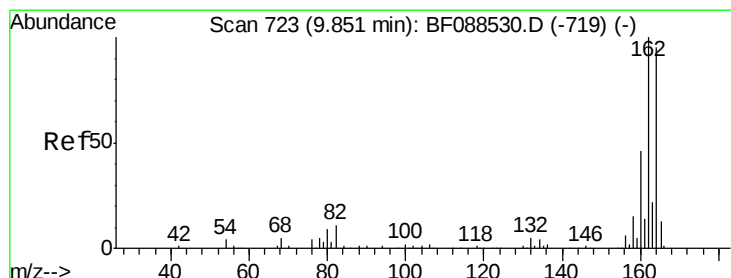
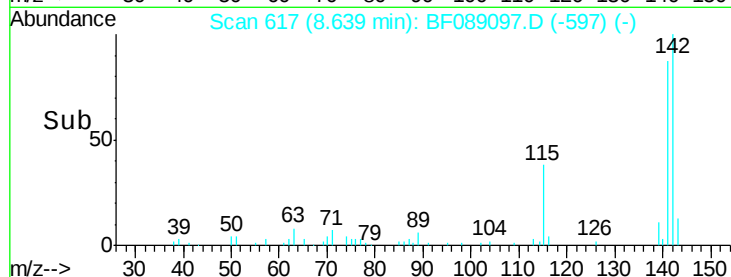
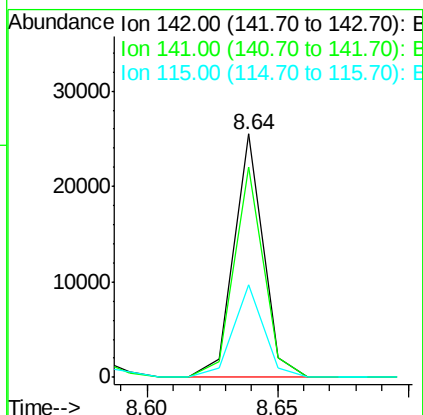
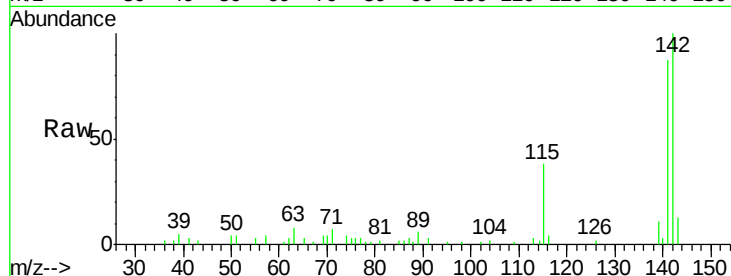




#37
 2-Methylnaphthalene
 Concen: 3.28 ng
 RT: 8.64 min Scan# 617
 Delta R.T. -0.07 min
 Lab File: BF089097.D
 Acq: 18 Jul 2016 22:41

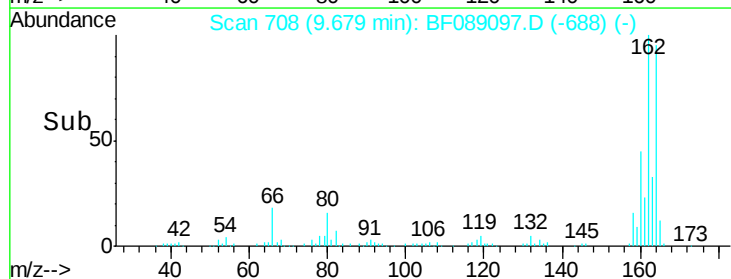
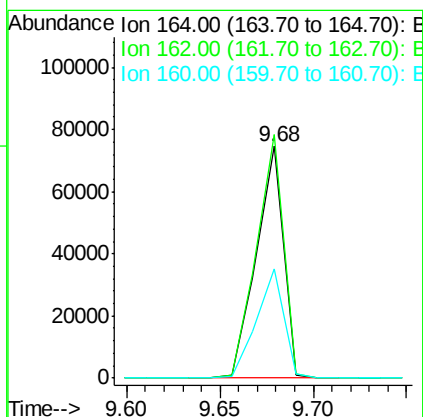
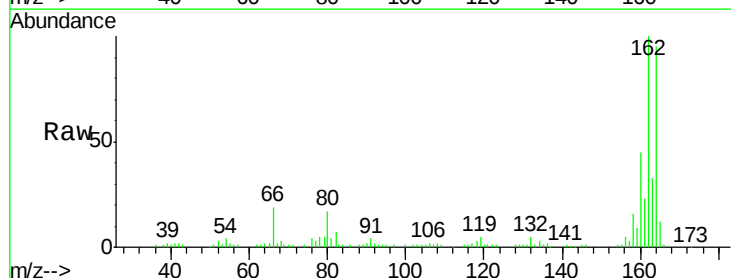
Instrument :
 BNA_F
 ClientSampleId :
 C5-4

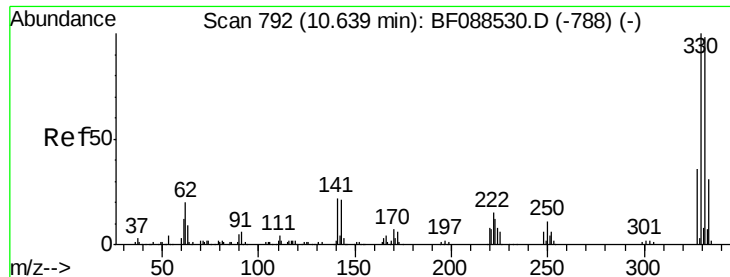
Tgt Ion:142 Resp: 20248
 Ion Ratio Lower Upper
 142 100
 141 86.6 71.0 106.6
 115 38.1 22.6 33.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.07 min
 Lab File: BF089097.D
 Acq: 18 Jul 2016 22:41

Tgt Ion:164 Resp: 74442
 Ion Ratio Lower Upper
 164 100
 162 105.0 85.4 128.2
 160 47.3 39.5 59.3

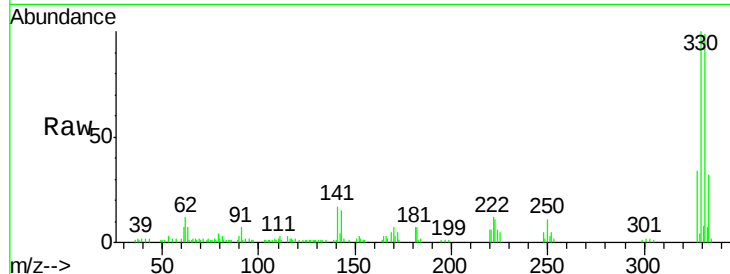




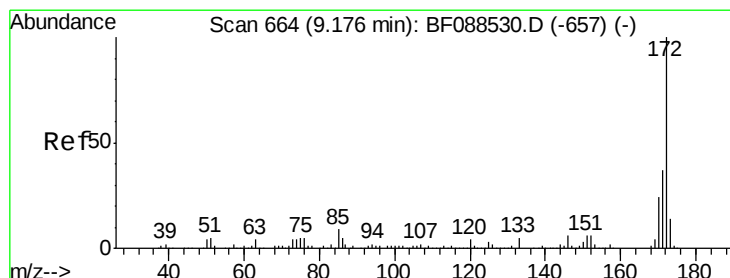
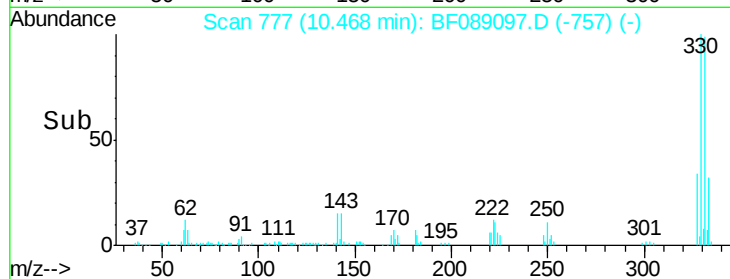
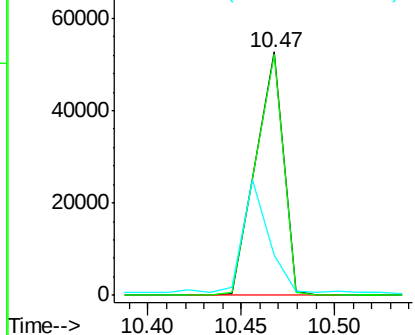
#41
 2,4,6-Tribromophenol
 Concen: 78.67 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.07 min
 Lab File: BF089097.D
 Acq: 18 Jul 2016 22:41

Instrument :
 BNA_F
 ClientSampleId :
 C5-4

Tgt Ion:330 Resp: 54379
 Ion Ratio Lower Upper
 330 100
 332 99.2 0.0 0.0#
 141 48.6 0.0 0.0#

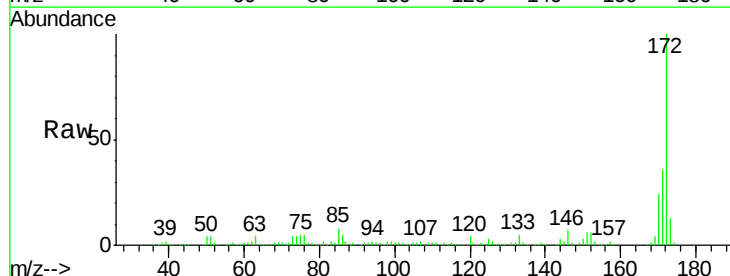


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

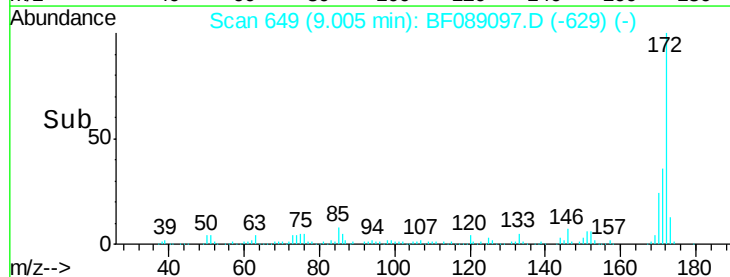
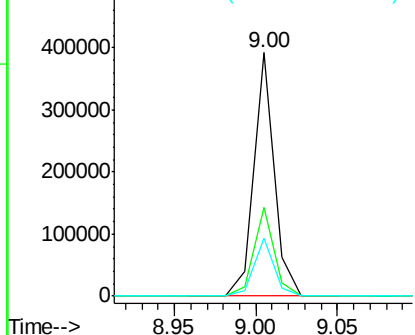


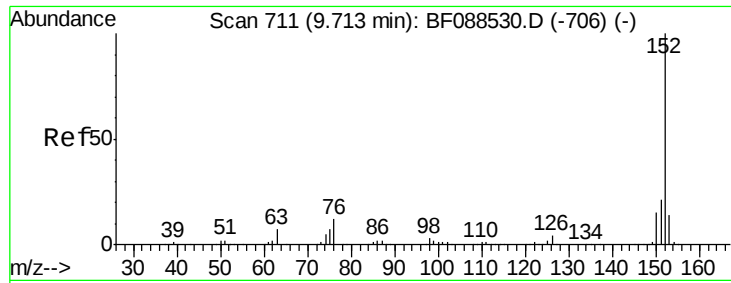
#44
 2-Fluorobiphenyl
 Concen: 72.10 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.07 min
 Lab File: BF089097.D
 Acq: 18 Jul 2016 22:41

Tgt Ion:172 Resp: 339814
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 23.8 19.2 28.8



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

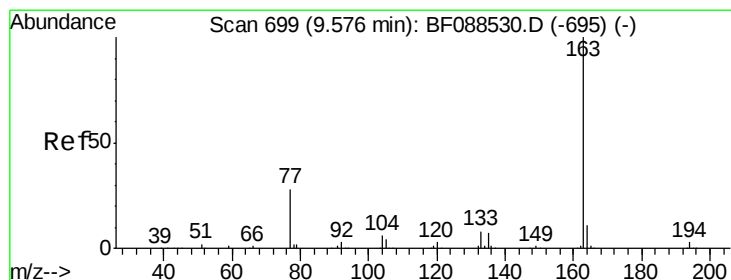
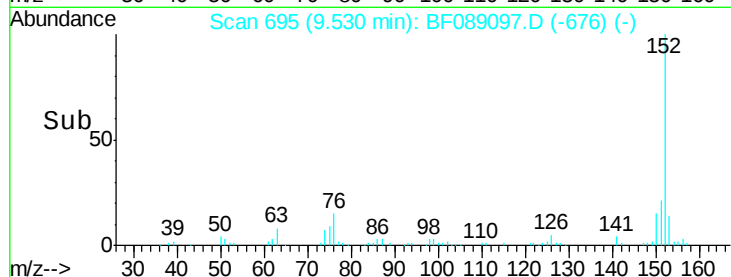
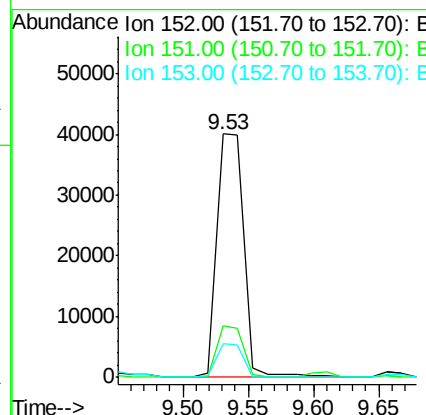
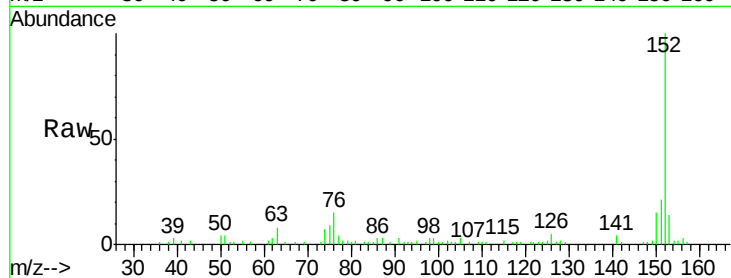




#48
Acenaphthylene
Concen: 7.50 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.08 min
Lab File: BF089097.D
Acq: 18 Jul 2016 22:41

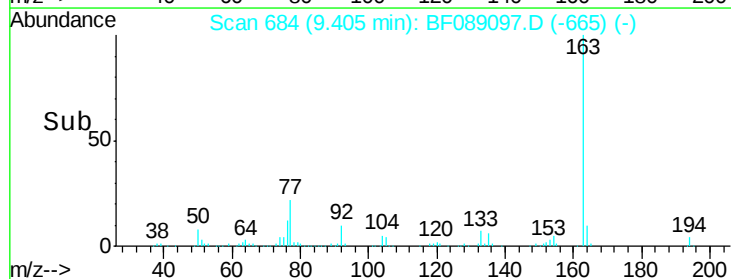
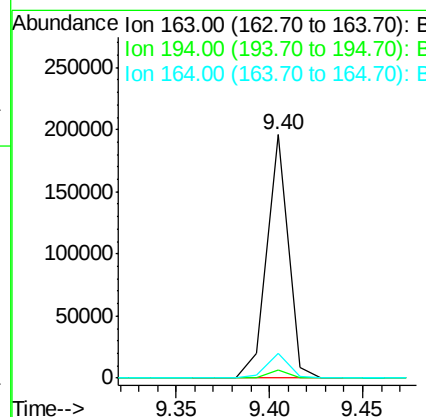
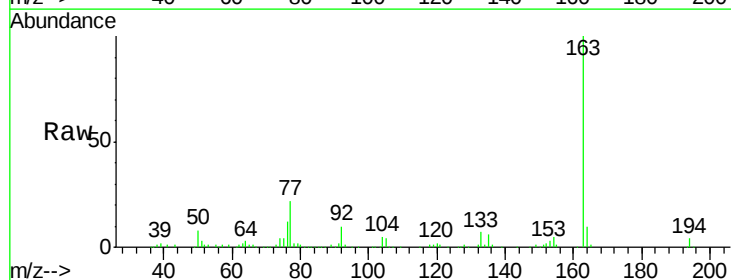
Instrument :
BNA_F
ClientSampleId :
C5-4

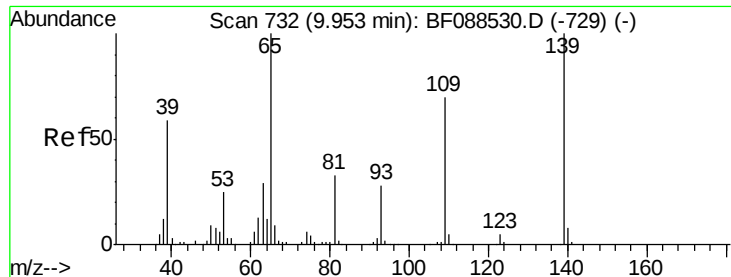
Tgt Ion:152 Resp: 57761
Ion Ratio Lower Upper
152 100
151 21.0 16.2 24.4
153 14.1 11.0 16.6



#49
Dimethylphthalate
Concen: 29.07 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.08 min
Lab File: BF089097.D
Acq: 18 Jul 2016 22:41

Tgt Ion:163 Resp: 154154
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.1 8.3 12.5





#55

4-Nitrophenol

Concen: 3.14 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF089097.D

Acq: 18 Jul 2016 22:41

Instrument :

BNA_F

ClientSampleId :

C5-4

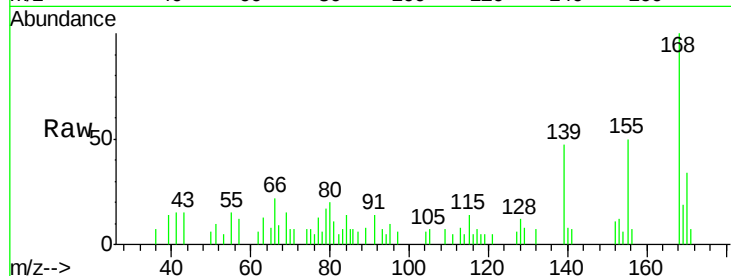
Tgt Ion:139 Resp: 3560

Ion Ratio Lower Upper

139 100

109 14.5 48.9 88.9#

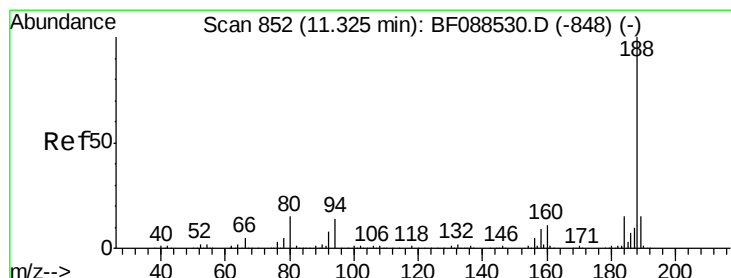
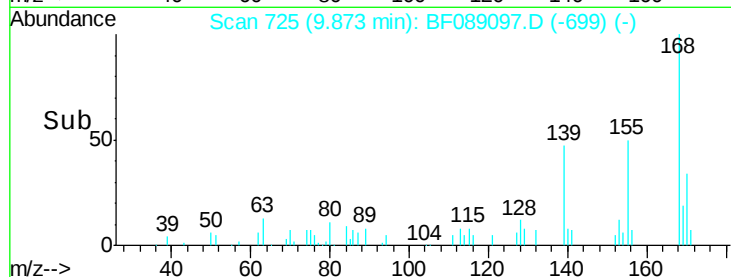
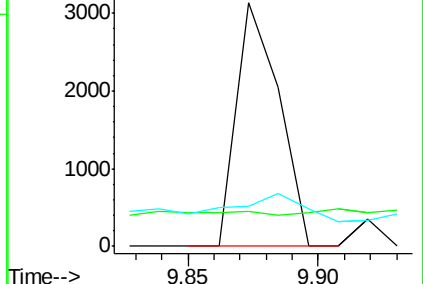
65 16.6 84.9 124.9#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.15 min Scan# 837

Delta R.T. -0.07 min

Lab File: BF089097.D

Acq: 18 Jul 2016 22:41

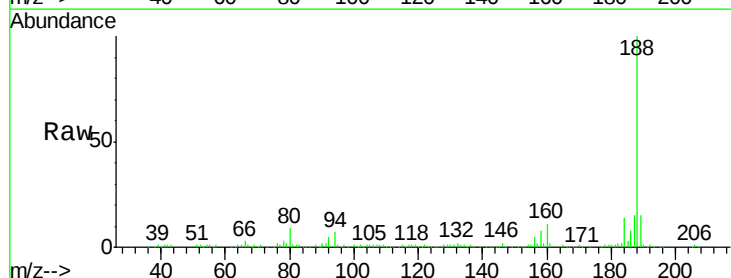
Tgt Ion:188 Resp: 125881

Ion Ratio Lower Upper

188 100

94 7.3 9.0 13.6#

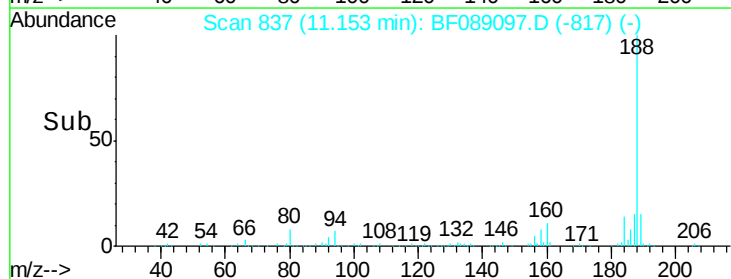
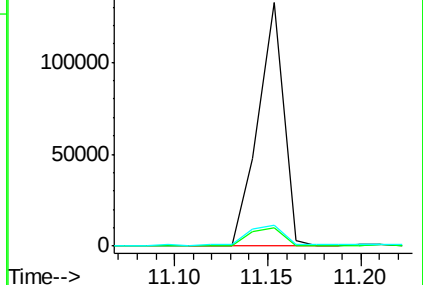
80 8.7 10.0 15.0#

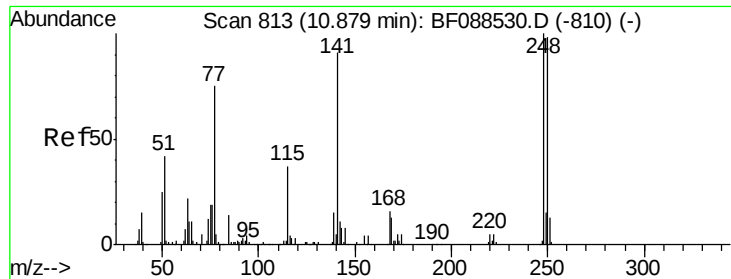


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.07 ng

RT: 10.46 min Scan# 776

Delta R.T. -0.32 min

Lab File: BF089097.D

Acq: 18 Jul 2016 22:41

Instrument :

BNA_F

ClientSampled :

C5-4

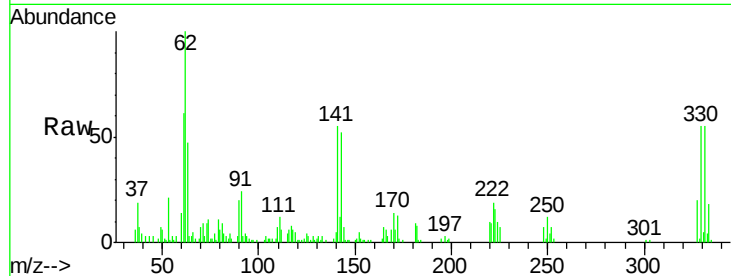
Tgt Ion:248 Resp: 3890

Ion Ratio Lower Upper

248 100

250 192.2 77.1 115.7#

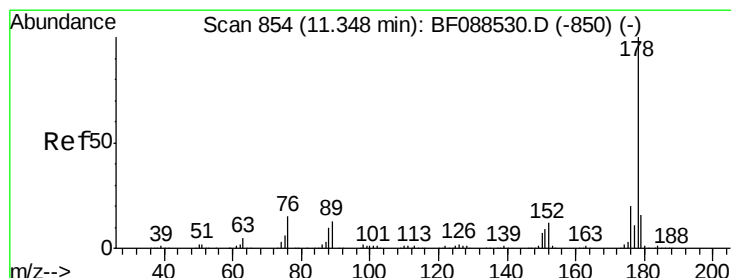
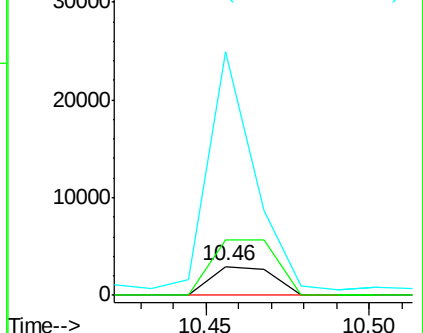
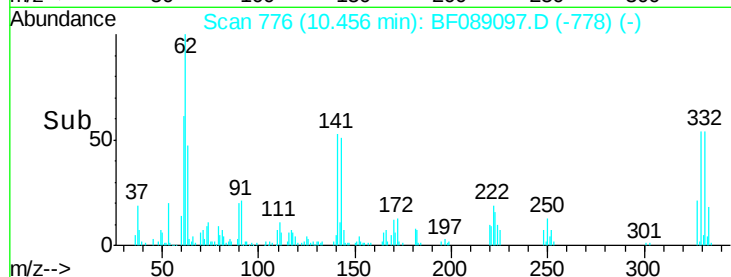
141 841.0 50.6 76.0#



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: 8.43 ng

RT: 11.18 min Scan# 839

Delta R.T. -0.07 min

Lab File: BF089097.D

Acq: 18 Jul 2016 22:41

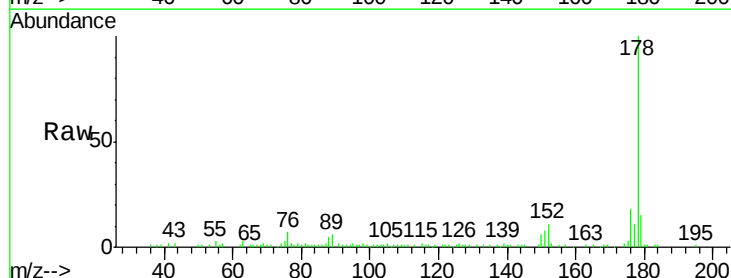
Tgt Ion:178 Resp: 58009

Ion Ratio Lower Upper

178 100

176 18.2 15.8 23.6

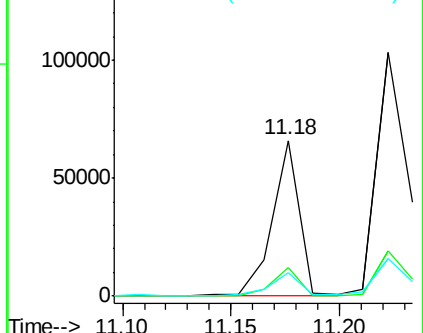
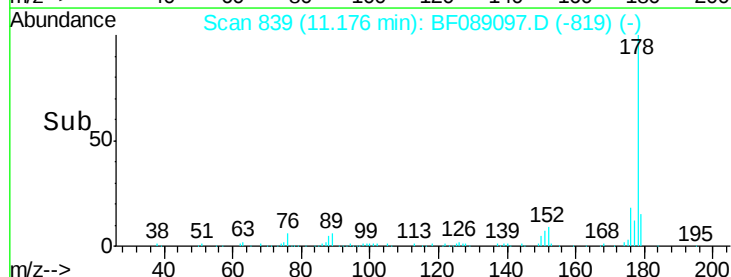
179 15.3 13.0 19.4

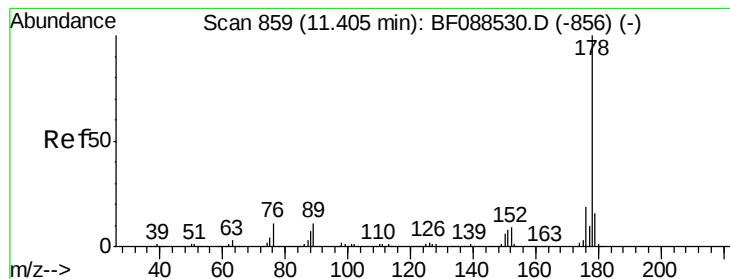


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 15.02 ng

RT: 11.22 min Scan# 843

Delta R.T. -0.08 min

Lab File: BF089097.D

Acq: 18 Jul 2016 22:41

Instrument :

BNA_F

ClientSampleId :

C5-4

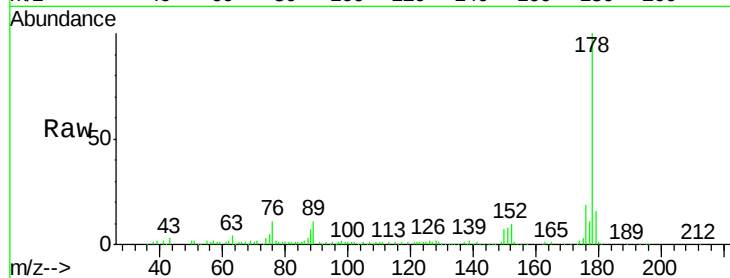
Tgt Ion:178 Resp: 102801

Ion Ratio Lower Upper

178 100

176 18.7 15.6 23.4

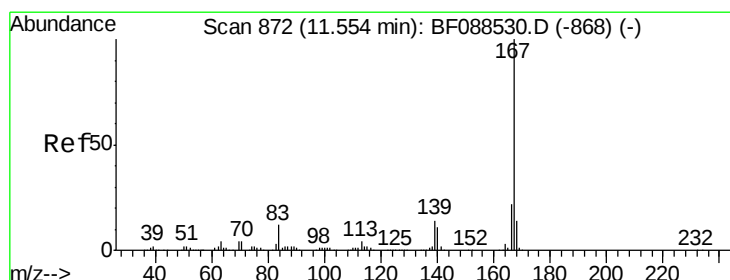
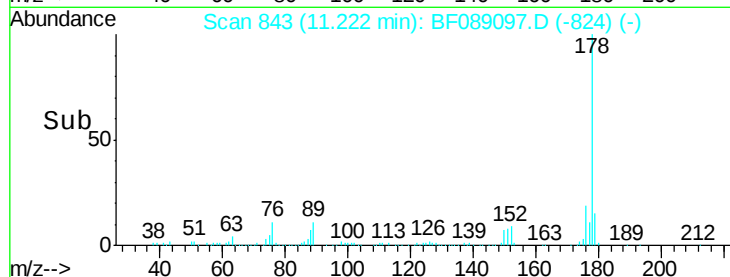
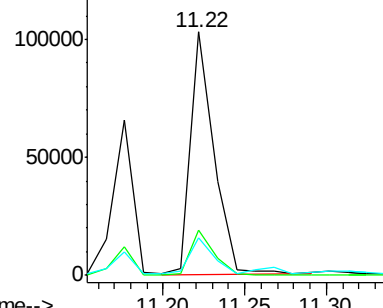
179 15.6 12.8 19.2



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



#72

Carbazole

Concen: 3.04 ng

RT: 11.38 min Scan# 857

Delta R.T. -0.07 min

Lab File: BF089097.D

Acq: 18 Jul 2016 22:41

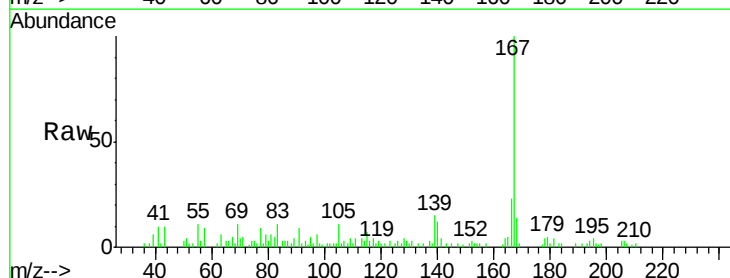
Tgt Ion:167 Resp: 19570

Ion Ratio Lower Upper

167 100

166 23.0 17.8 26.6

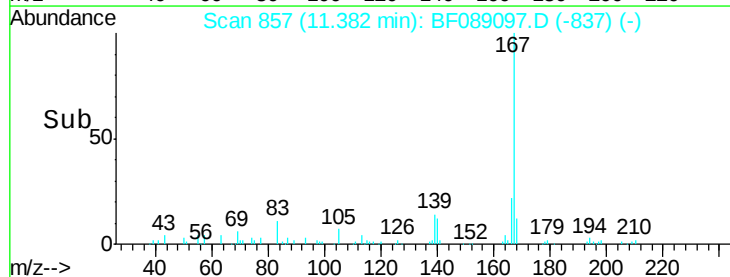
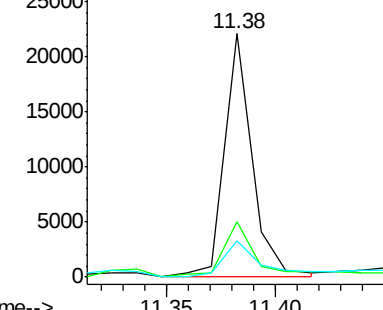
139 15.0 11.2 16.8

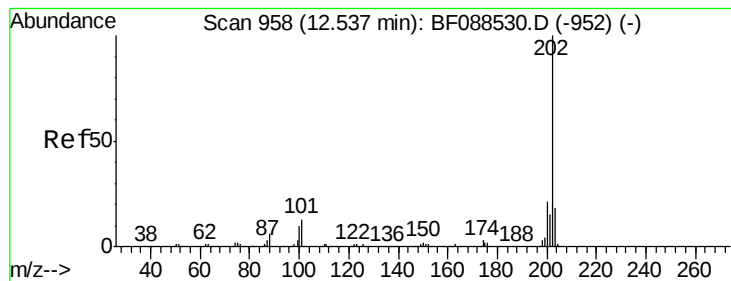


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 24.74 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.07 min

Lab File: BF089097.D

Acq: 18 Jul 2016 22:41

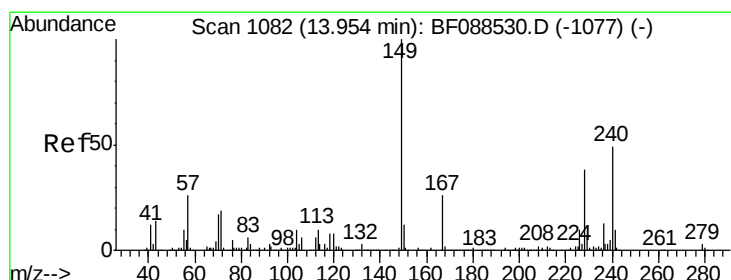
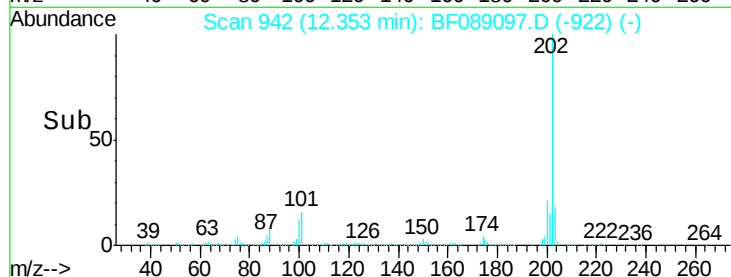
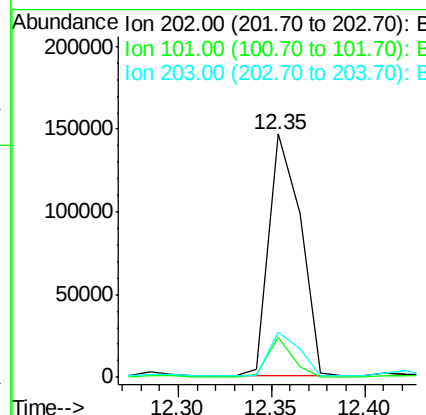
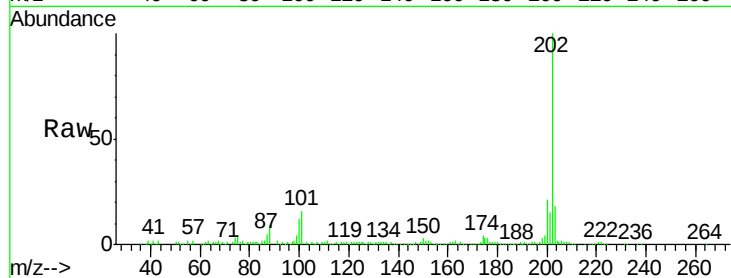
Instrument :

BNA_F

ClientSampleId :

C5-4

Tgt Ion:	202	Resp:	172587
Ion	Ratio	Lower	Upper
202	100		
101	16.3	0.0	33.1
203	18.4	0.0	38.1



#75

Chrysene-d12

Concen: 20.00 ng

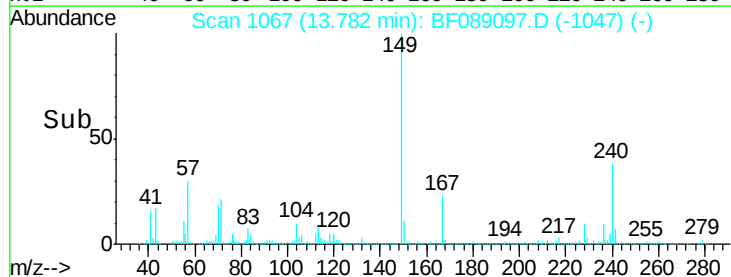
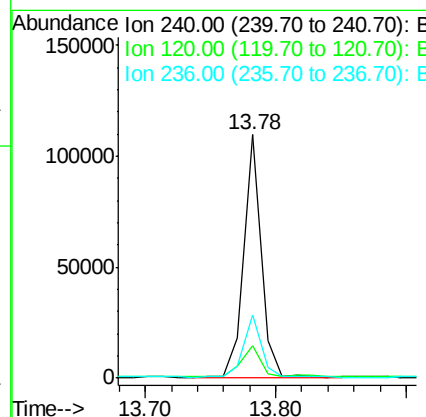
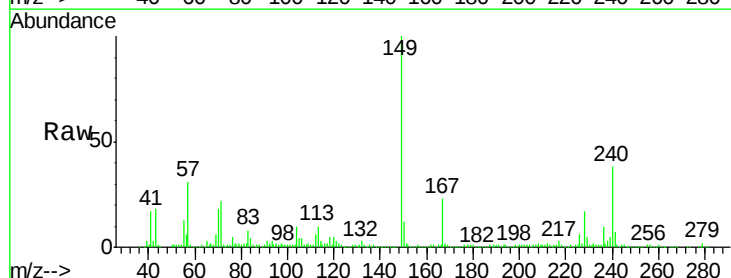
RT: 13.78 min Scan# 1067

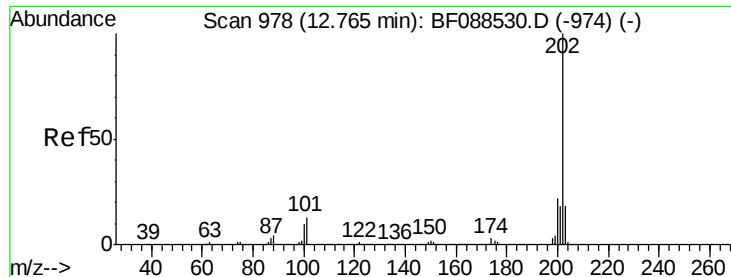
Delta R.T. -0.07 min

Lab File: BF089097.D

Acq: 18 Jul 2016 22:41

Tgt Ion:	240	Resp:	99573
Ion	Ratio	Lower	Upper
240	100		
120	13.1	6.8	10.2#
236	26.0	20.2	30.2





#77

Pyrene

Concen: 26.61 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.07 min

Lab File: BF089097.D

Acq: 18 Jul 2016 22:41

Instrument :

BNA_F

ClientSampleId :

C5-4

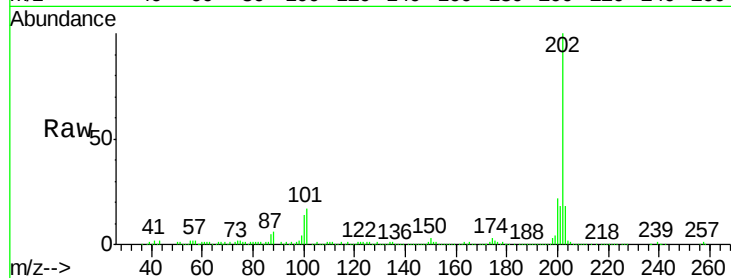
Tgt Ion: 202 Resp: 224665

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

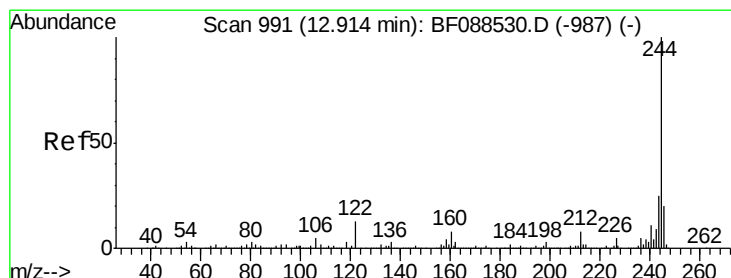
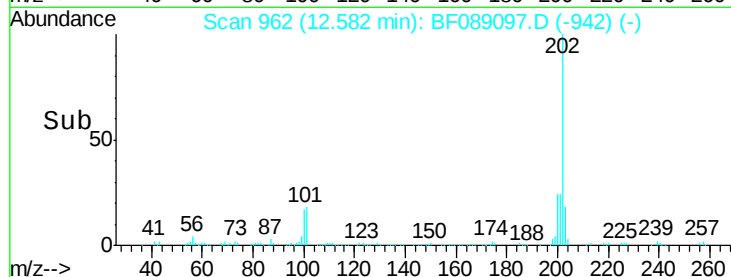
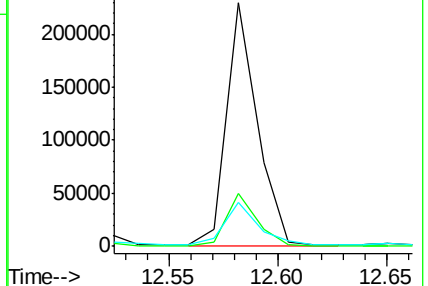
203 18.2 14.5 21.7



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: 61.36 ng

RT: 12.74 min Scan# 976

Delta R.T. -0.06 min

Lab File: BF089097.D

Acq: 18 Jul 2016 22:41

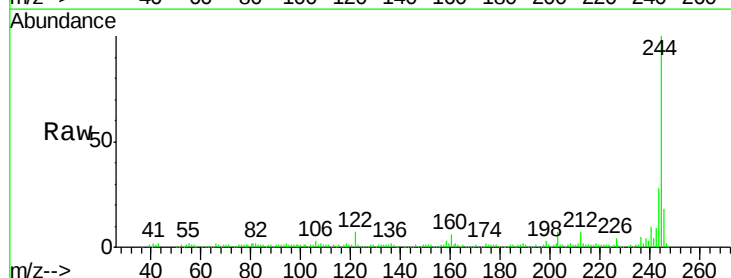
Tgt Ion: 244 Resp: 274294

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

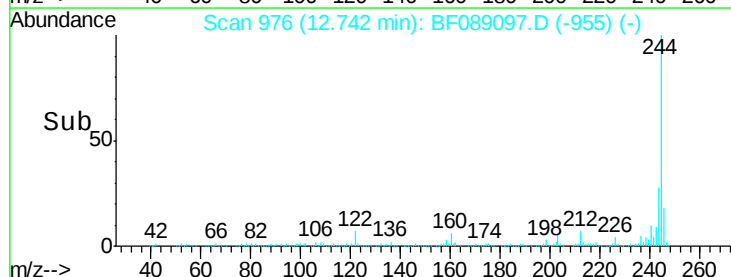
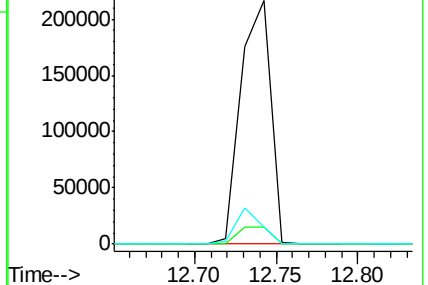
122 7.0 11.2 16.8#

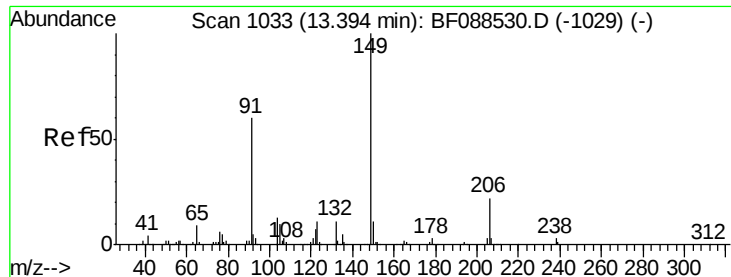


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

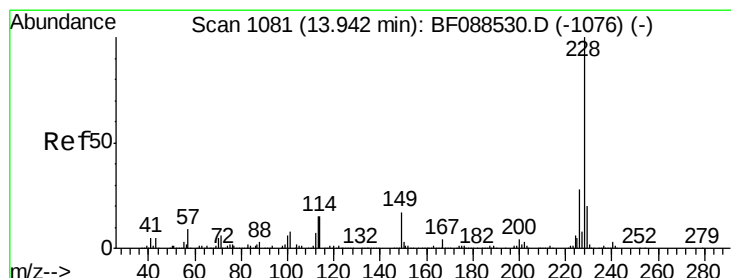
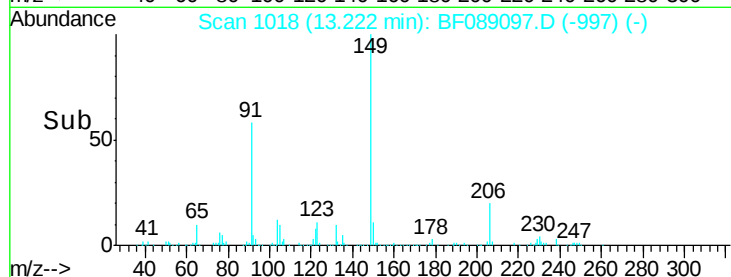
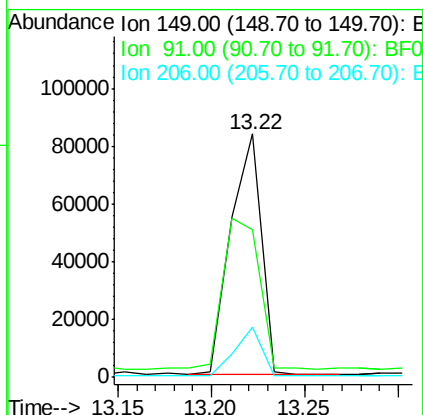
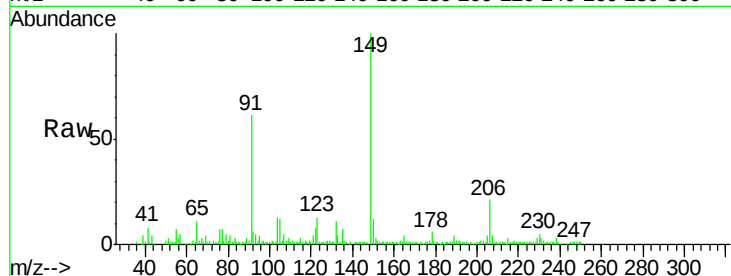




#79
Butylbenzylphthalate
Concen: 25.44 ng
RT: 13.22 min Scan# 1018
Delta R.T. -0.06 min
Lab File: BF089097.D
Acq: 18 Jul 2016 22:41

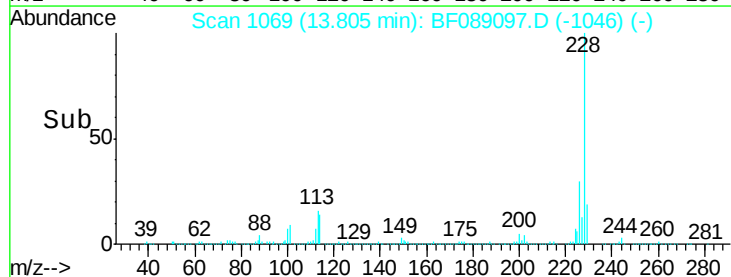
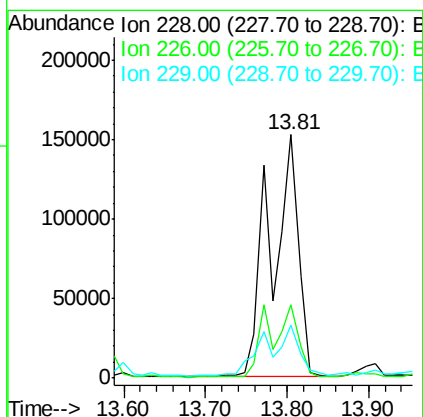
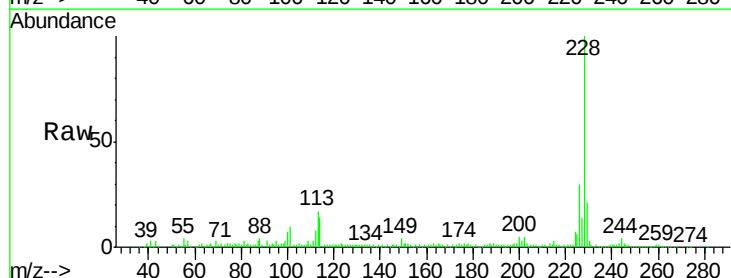
Instrument :
BNA_F
ClientSampled :
C5-4

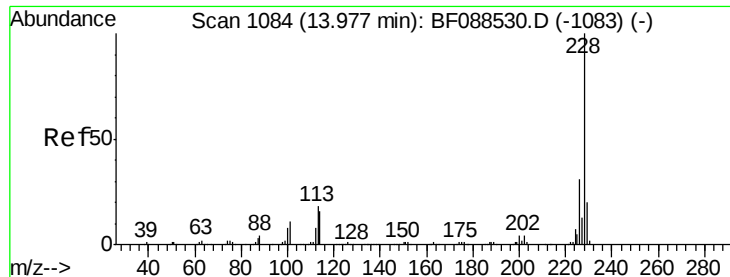
Tgt Ion:149 Resp: 95798
Ion Ratio Lower Upper
149 100
91 60.8 48.0 72.0
206 20.6 16.0 24.0



#80
Benzo(a)anthracene
Concen: 56.23 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BF089097.D
Acq: 18 Jul 2016 22:41

Tgt Ion:228 Resp: 360498
Ion Ratio Lower Upper
228 100
226 30.3 22.3 33.5
229 21.5 16.0 24.0





#82

Chrysene

Concen: 56.83 ng

RT: 13.81 min Scan# 1069

Delta R.T. -0.07 min

Lab File: BF089097.D

Acq: 18 Jul 2016 22:41

Instrument :

BNA_F

ClientSampleId :

C5-4

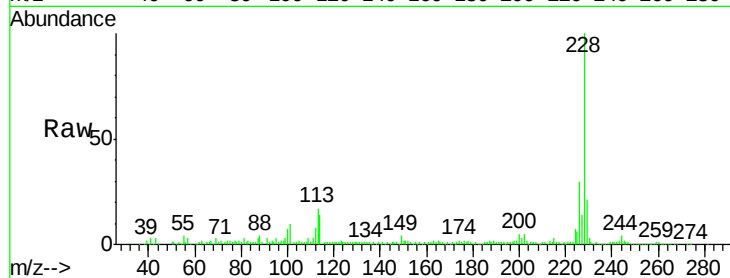
Tgt Ion:228 Resp: 360498

Ion Ratio Lower Upper

228 100

226 30.3 25.4 38.2

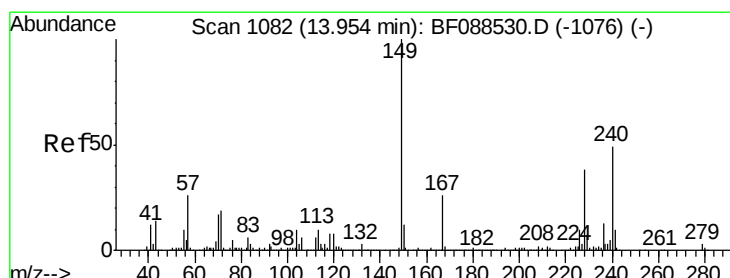
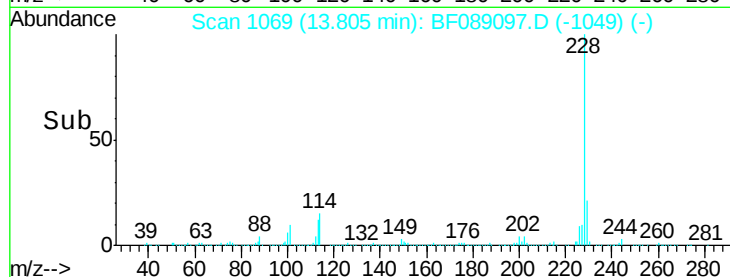
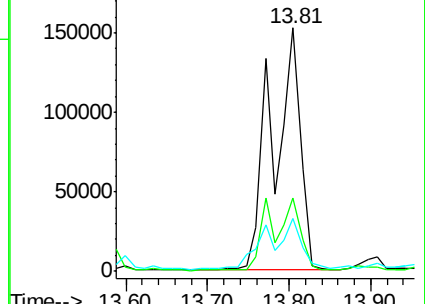
229 21.5 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 68.85 ng

RT: 13.78 min Scan# 1067

Delta R.T. -0.06 min

Lab File: BF089097.D

Acq: 18 Jul 2016 22:41

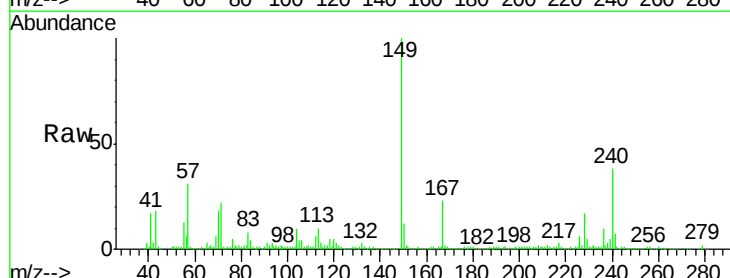
Tgt Ion:149 Resp: 295996

Ion Ratio Lower Upper

149 100

167 23.5 20.5 30.7

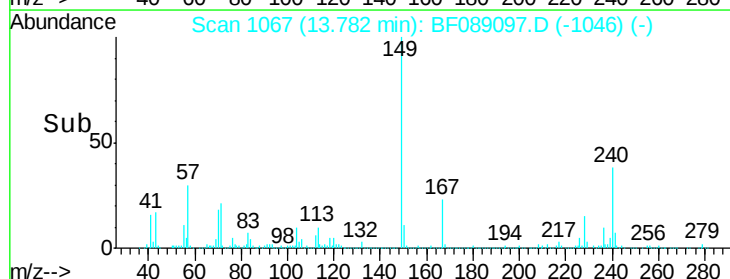
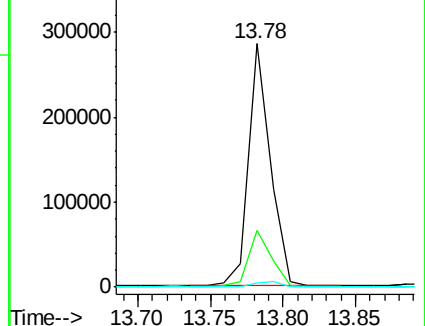
279 2.0 2.0 3.0#

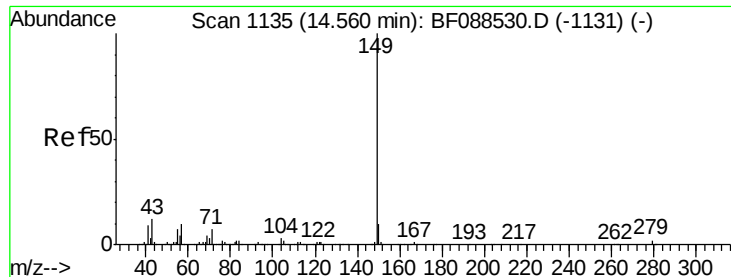


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 3.42 ng

RT: 14.39 min Scan# 1120

Delta R.T. -0.07 min

Lab File: BF089097.D

Acq: 18 Jul 2016 22:41

Instrument :

BNA_F

ClientSampleId :

C5-4

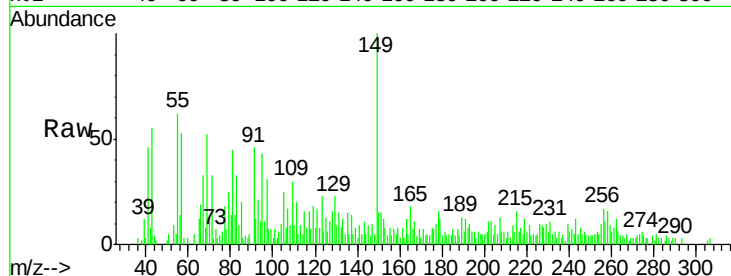
Tgt Ion:149 Resp: 25010

Ion Ratio Lower Upper

149 100

167 4.7 0.0 0.0#

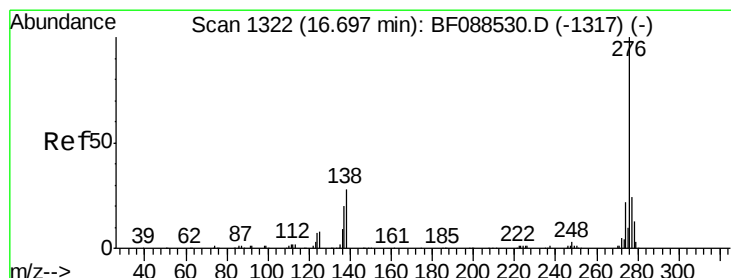
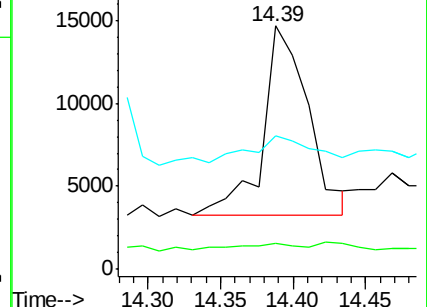
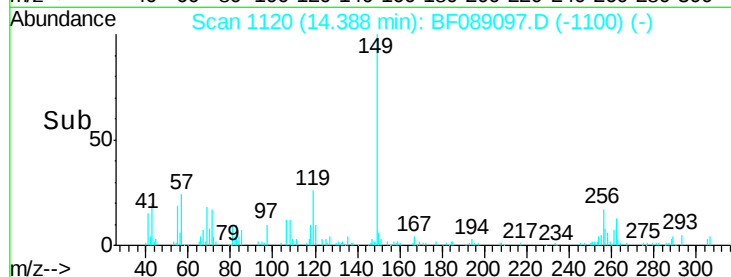
43 19.4 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 21.01 ng

RT: 16.41 min Scan# 1297

Delta R.T. -0.09 min

Lab File: BF089097.D

Acq: 18 Jul 2016 22:41

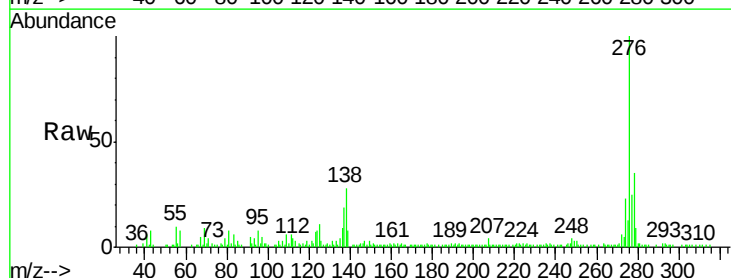
Tgt Ion:276 Resp: 102531

Ion Ratio Lower Upper

276 100

138 26.9 0.0 0.0#

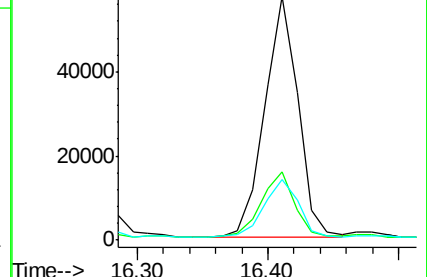
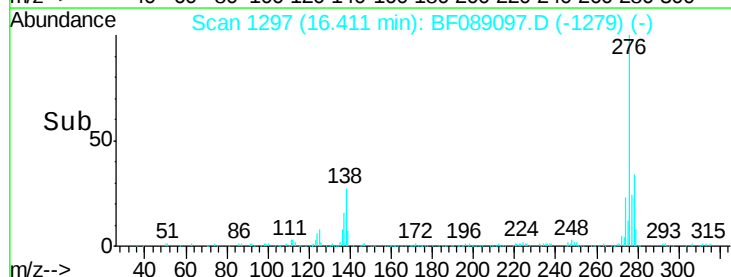
277 25.6 0.0 0.0#

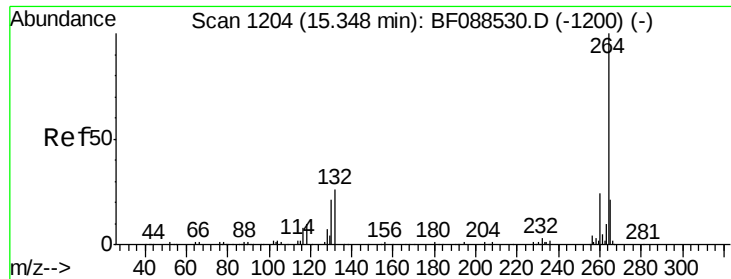


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

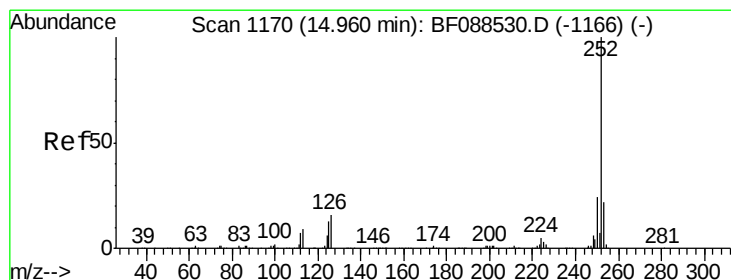
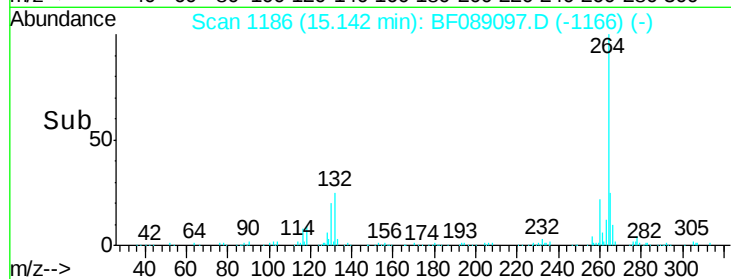
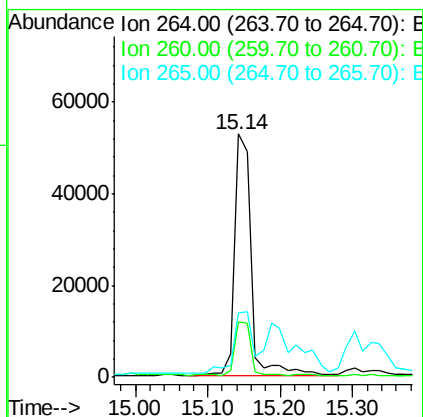
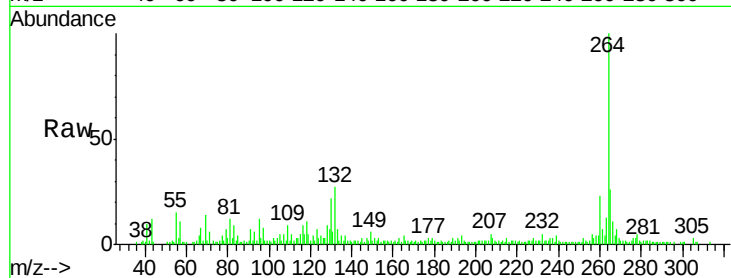




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1186
Delta R.T. -0.07 min
Lab File: BF089097.D
Acq: 18 Jul 2016 22:41

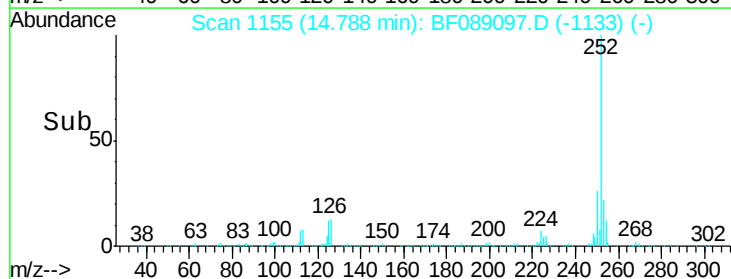
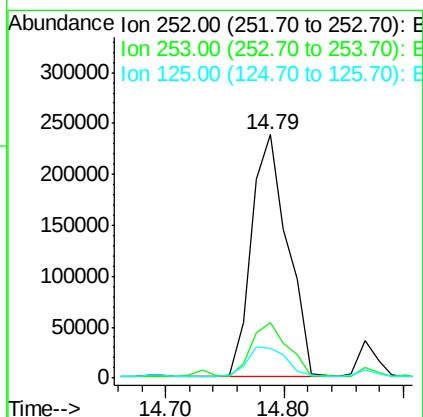
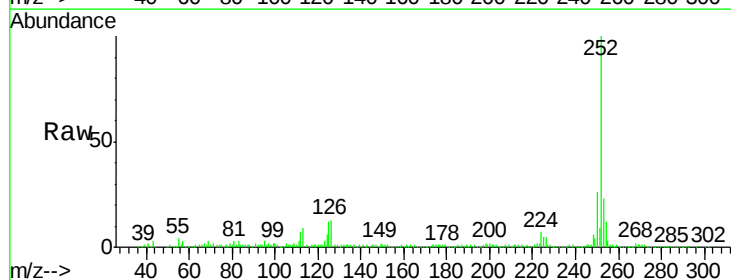
Instrument :
BNA_F
ClientSampleId :
C5-4

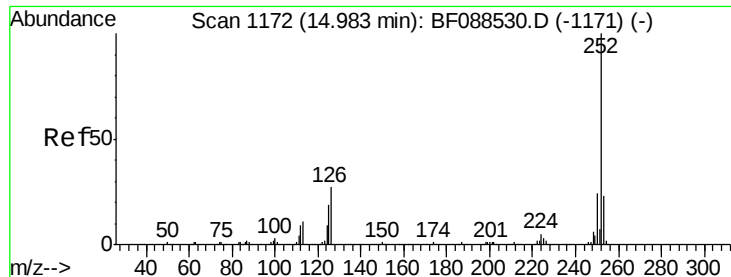
Tgt Ion: 264 Resp: 83548
Ion Ratio Lower Upper
264 100
260 22.7 19.2 28.8
265 26.4 16.9 25.3#



#87
Benzo(b)fluoranthene
Concen: 95.28 ng
RT: 14.79 min Scan# 1155
Delta R.T. -0.05 min
Lab File: BF089097.D
Acq: 18 Jul 2016 22:41

Tgt Ion: 252 Resp: 499344
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 12.4 7.1 10.7#





#88

Benzo(k)fluoranthene

Concen: 109.44 ng

RT: 14.79 min Scan# 1155

Delta R.T. -0.08 min

Lab File: BF089097.D

Acq: 18 Jul 2016 22:41

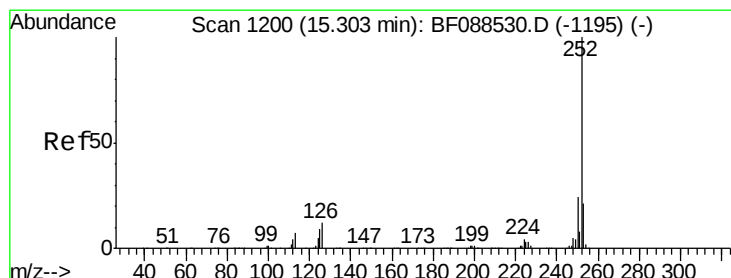
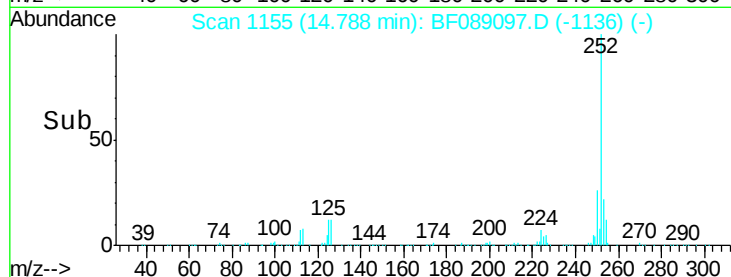
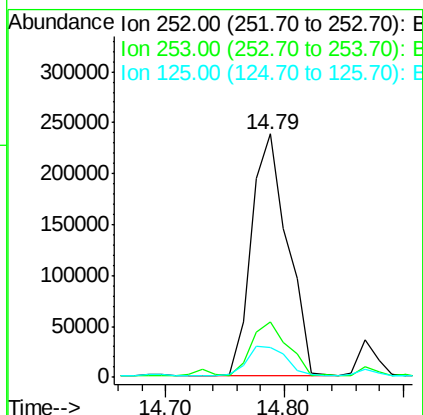
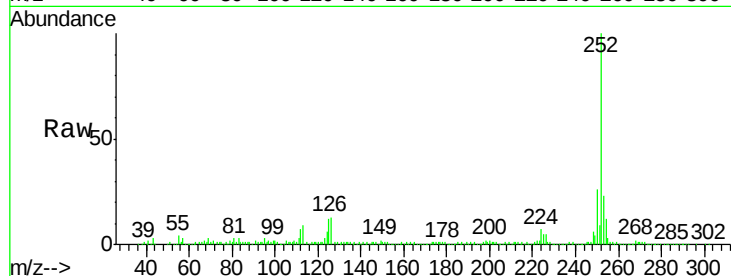
Instrument :

BNA_F

ClientSampleId :

C5-4

Tgt Ion:	252	Resp:	499344
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.0	27.0
125	12.4	11.2	16.8



#89

Benzo(a)pyrene

Concen: 23.88 ng

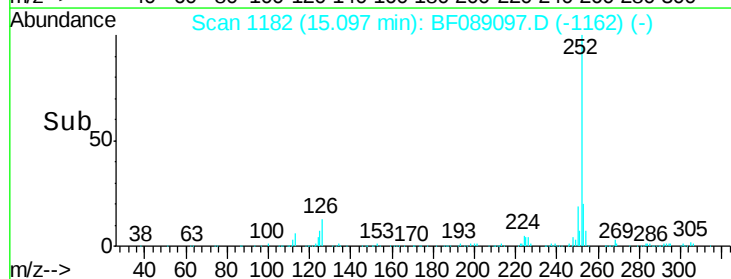
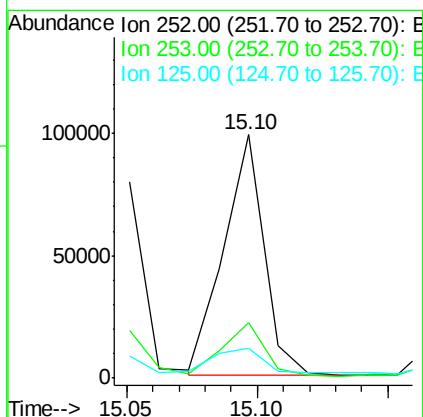
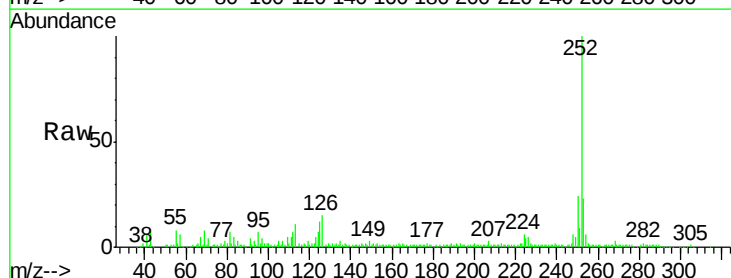
RT: 15.10 min Scan# 1182

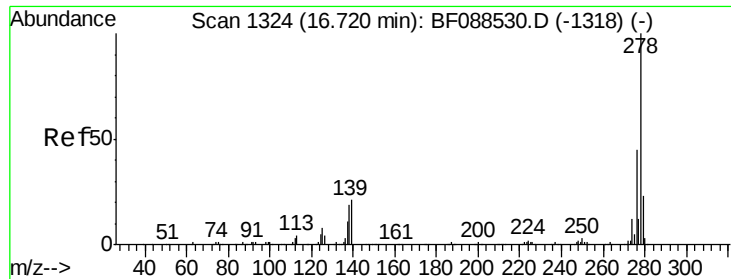
Delta R.T. -0.07 min

Lab File: BF089097.D

Acq: 18 Jul 2016 22:41

Tgt Ion:	252	Resp:	105952
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.9	26.9
125	12.2	12.5	18.7#





#90

Dibenzo(a,h)anthracene

Concen: 9.42 ng

RT: 16.25 min Scan# 1283

Delta R.T. -0.26 min

Lab File: BF089097.D

Acq: 18 Jul 2016 22:41

Instrument :

BNA_F

ClientSampleId :

C5-4

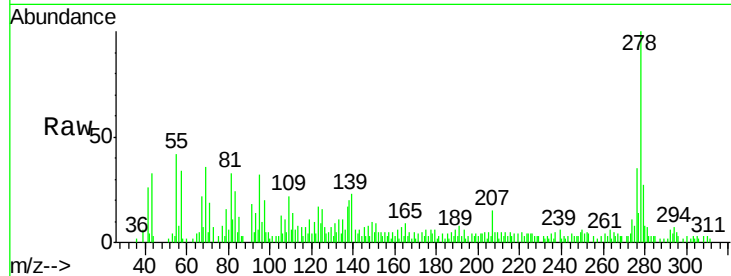
Tgt Ion:278 Resp: 34888

Ion Ratio Lower Upper

278 100

139 22.6 15.7 23.5

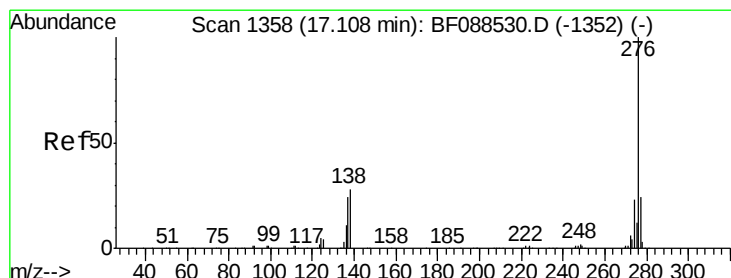
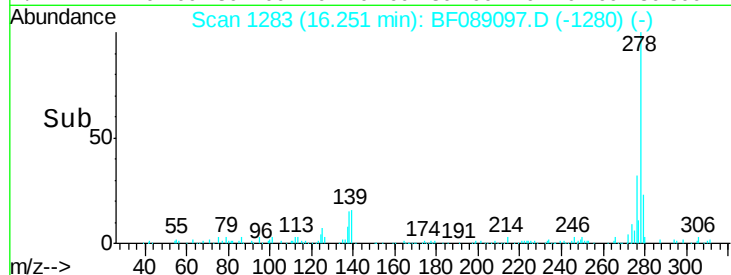
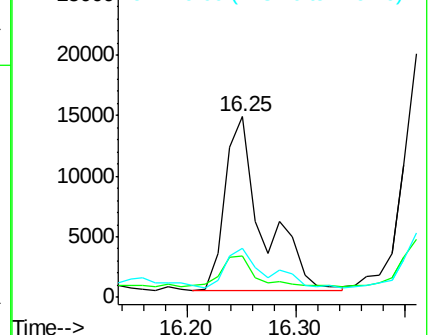
279 27.0 19.4 29.2



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: 23.02 ng

RT: 16.79 min Scan# 1330

Delta R.T. -0.10 min

Lab File: BF089097.D

Acq: 18 Jul 2016 22:41

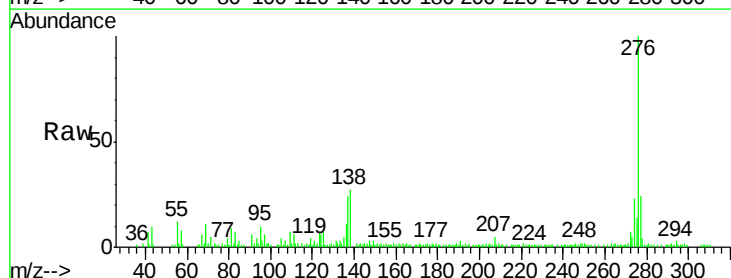
Tgt Ion:276 Resp: 88269

Ion Ratio Lower Upper

276 100

277 24.5 18.9 28.3

138 26.6 21.4 32.2



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

