

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
 Data File : BF088924.D
 Acq On : 12 Jul 2016 14:56
 Operator : UM/SJ
 Sample : H3948-04DL 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 16:04:24 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	6.71	152	64888	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	264102	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	111485	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	166729	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	135084	20.00	ng	-0.01
86) Perylene-d12	15.21	264	145679	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	311372	71.92	ng	0.00
7) Phenol-d6	6.34	99	348393	62.28	ng	-0.01
23) Nitrobenzene-d5	7.27	82	252025	50.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	70740	68.33	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	362532	51.37	ng	-0.01
78) Terphenyl-d14	12.80	244	233052	38.43	ng	0.00

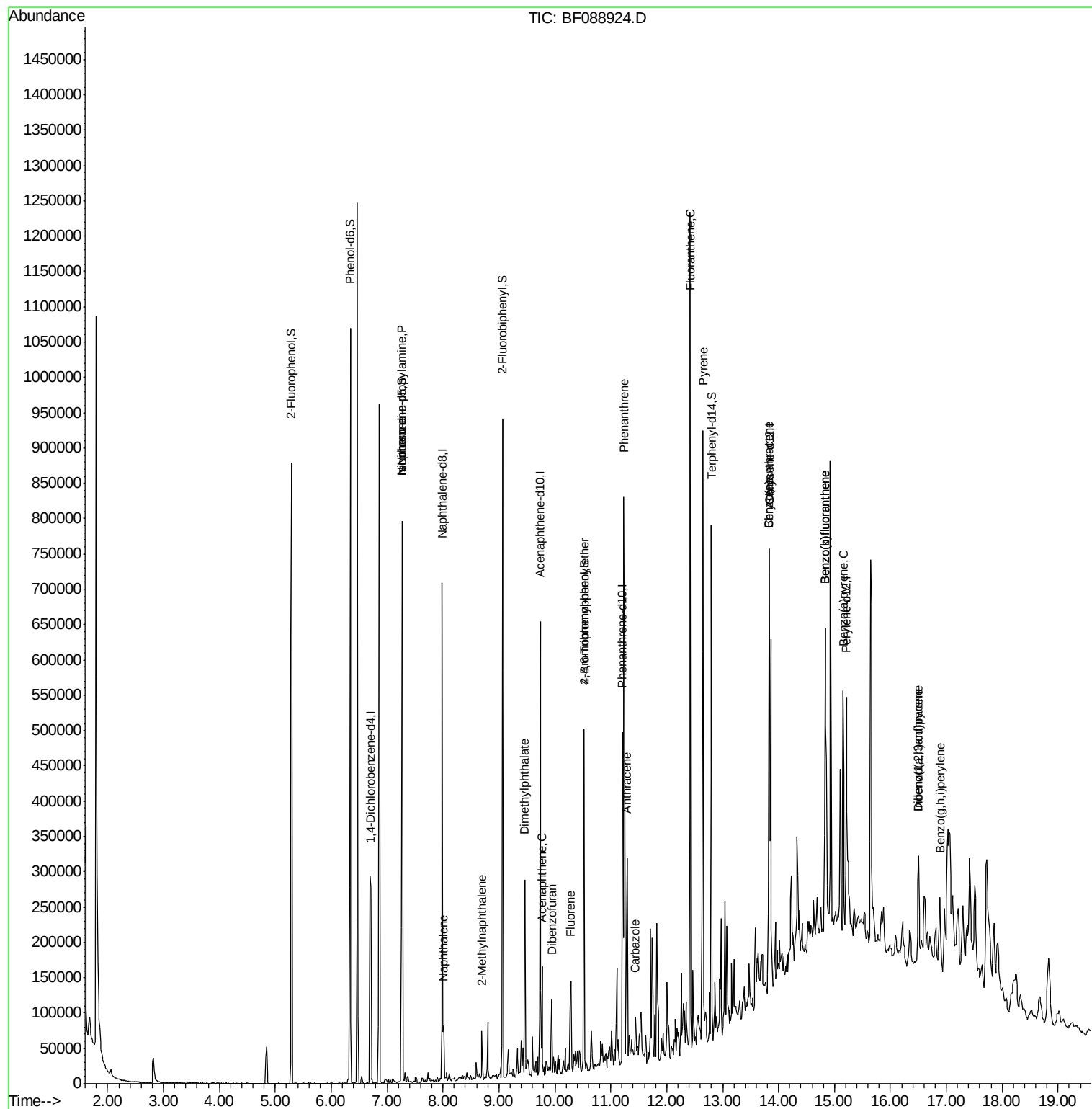
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	35069	9.33	ng	# 73
25) Isophorone	7.27	82	198233	21.23	ng	# 65
31) Naphthalene	8.01	128	30811	2.37	ng	# 98
37) 2-Methylnaphthalene	8.70	142	18608	2.22	ng	# 93
49) Dimethylphthalate	9.46	163	89227	11.23	ng	# 98
51) Acenaphthene	9.77	154	27870	3.94	ng	# 95
54) Dibenzofuran	9.94	168	30214	3.27	ng	# 91
57) Fluorene	10.28	166	46886	6.58	ng	# 99
66) 4-Bromophenyl-phenylether	10.52	248	4550	2.71	ng	# 1
70) Phenanthrene	11.23	178	397871	43.65	ng	# 99
71) Anthracene	11.29	178	120056	13.25	ng	# 97
72) Carbazole	11.44	167	21116	2.48	ng	# 96
74) Fluoranthene	12.42	202	446370	48.31	ng	# 98
77) Pyrene	12.65	202	421184	36.77	ng	# 98
80) Benzo(a)anthracene	13.83	228	222793	25.61	ng	# 99
82) Chrysene	13.83	228	222793	25.89	ng	# 96
85) Indeno(1,2,3-cd)pyrene	16.50	276	85133	12.86	ng	# 100
87) Benzo(b)fluoranthene	14.83	252	284934	31.18	ng	# 94
88) Benzo(k)fluoranthene	14.83	252	284934	35.82	ng	# 99
89) Benzo(a)pyrene	15.15	252	159112	20.56	ng	# 98
90) Dibenz(a,h)anthracene	16.50	278	29541	4.57	ng	# 89
91) Benzo(g,h,i)perylene	16.89	276	78614	11.76	ng	# 93

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

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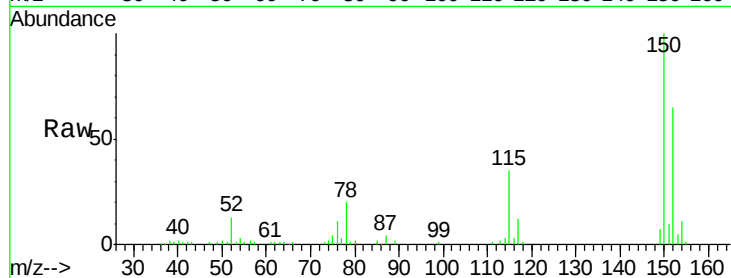


#1

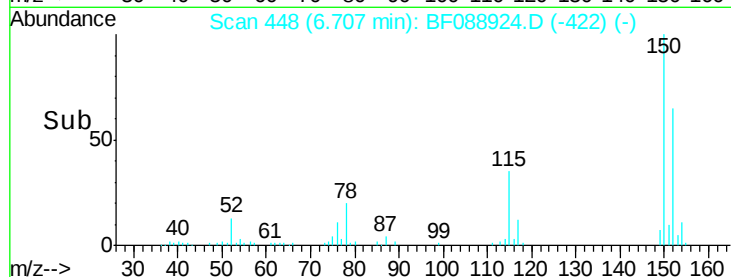
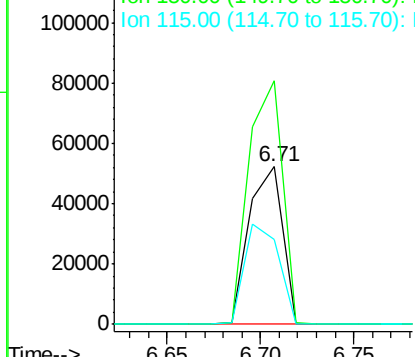
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF088924.D
Acq: 12 Jul 2016 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 64888
Ion Ratio Lower Upper
152 100
150 154.5 123.8 185.6
115 53.7 39.6 59.4



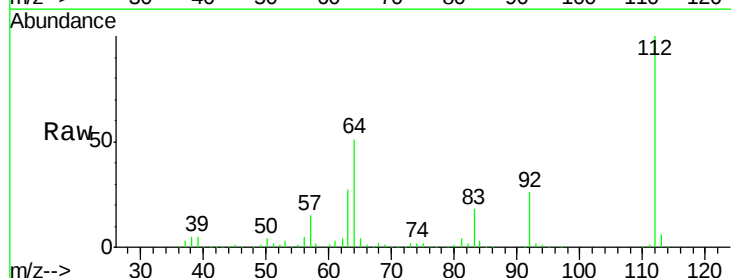
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



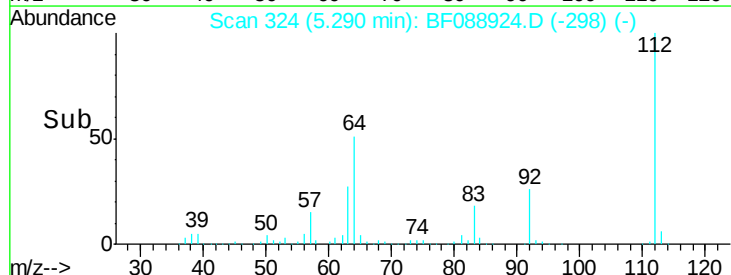
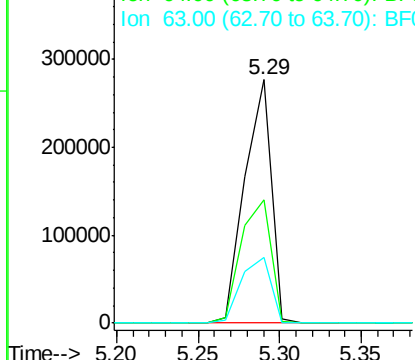
#5

2-Fluorophenol
Concen: 71.92 ng
RT: 5.29 min Scan# 324
Delta R.T. -0.00 min
Lab File: BF088924.D
Acq: 12 Jul 2016 14:56

Tgt Ion:112 Resp: 311372
Ion Ratio Lower Upper
112 100
64 50.6 42.2 63.2
63 26.8 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: 62.28 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088924.D

Acq: 12 Jul 2016 14:56

Instrument :

BNA_F

ClientSampled :

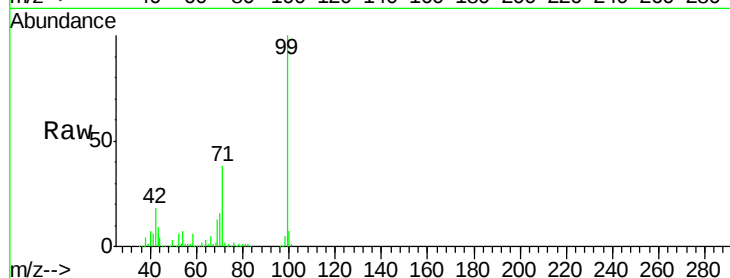
Tot Ion: 99 Resp: 348393

Ion Ratio Lower Upper

99 100

42 18.5 12.2 18.2#

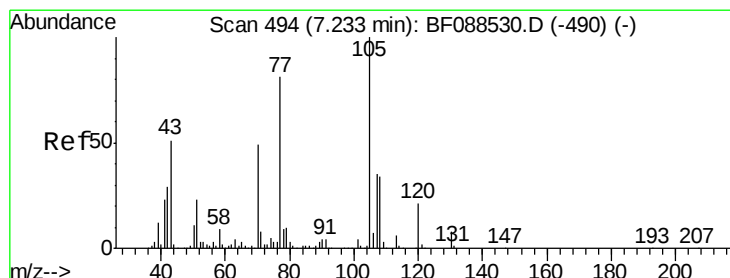
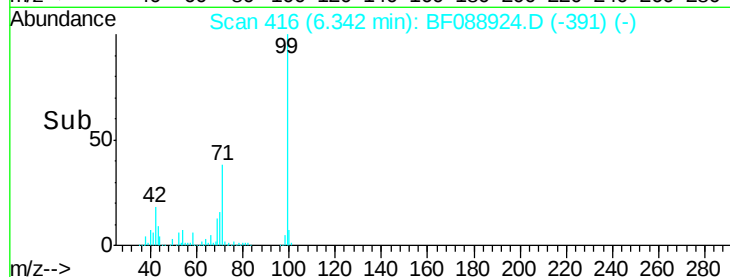
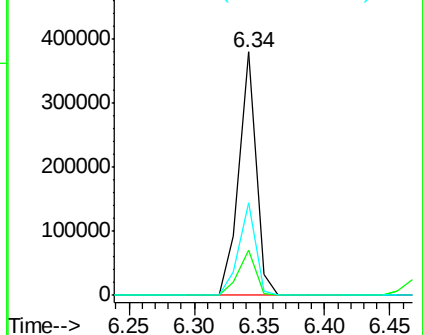
71 38.3 23.4 35.0#



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.33 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.13 min

Lab File: BF088924.D

Acq: 12 Jul 2016 14:56

Tgt Ion: 70 Resp: 35069

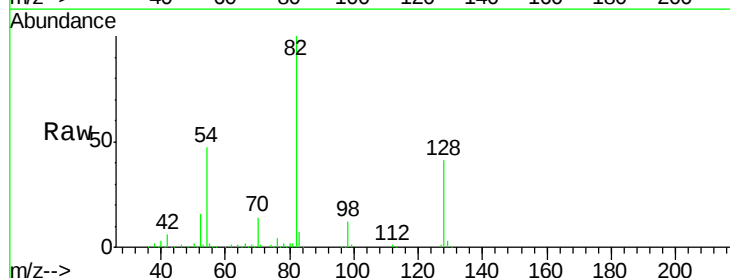
Ion Ratio Lower Upper

70 100

42 43.6 49.6 74.4#

101 0.0 7.1 10.7#

130 2.0 15.4 23.2#

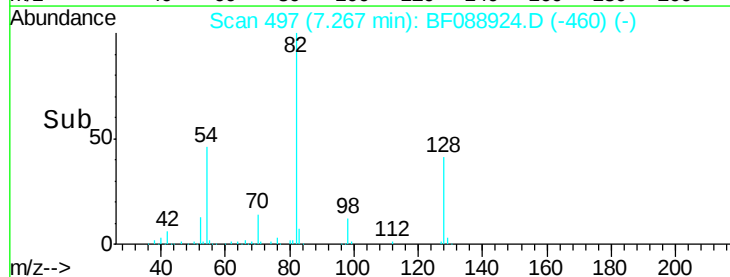
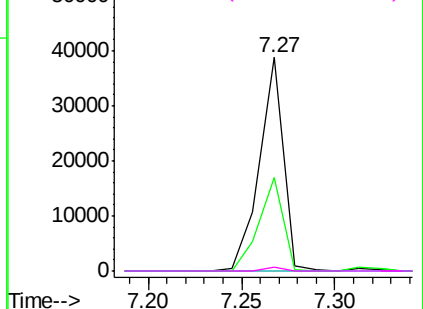


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF088924.D

Acq: 12 Jul 2016 14:56

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 264102

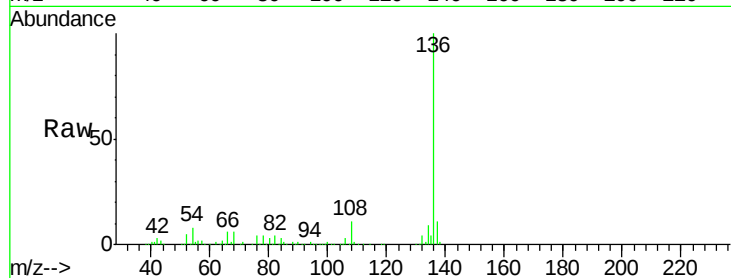
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.9 6.6 10.0

68 6.1 5.1 7.7

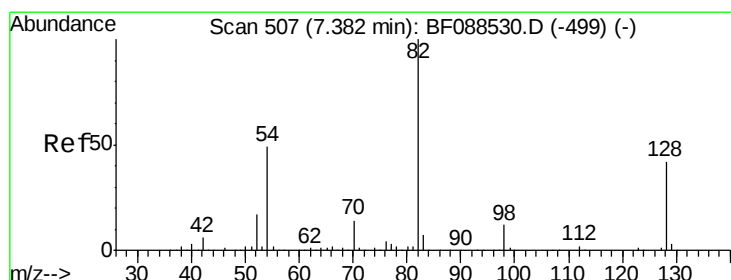
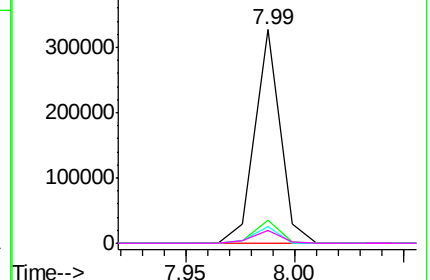
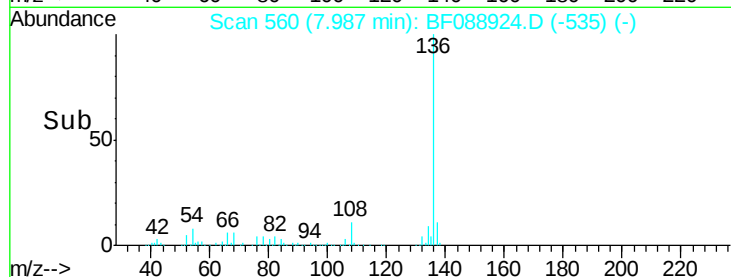


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 50.01 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF088924.D

Acq: 12 Jul 2016 14:56

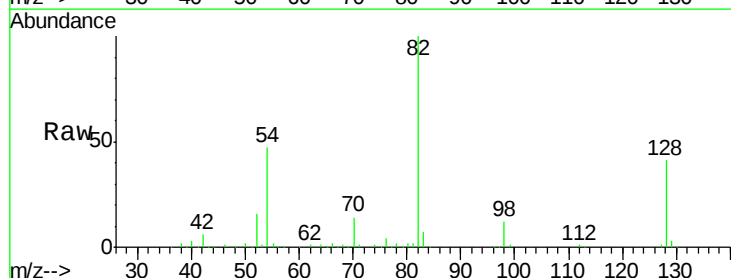
Tgt Ion: 82 Resp: 252025

Ion Ratio Lower Upper

82 100

128 41.2 35.9 53.9

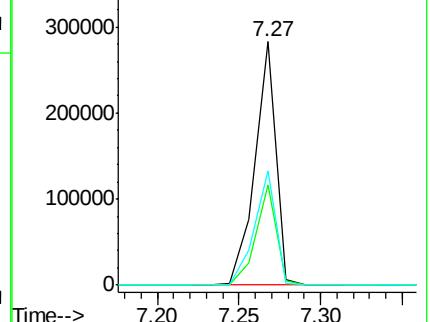
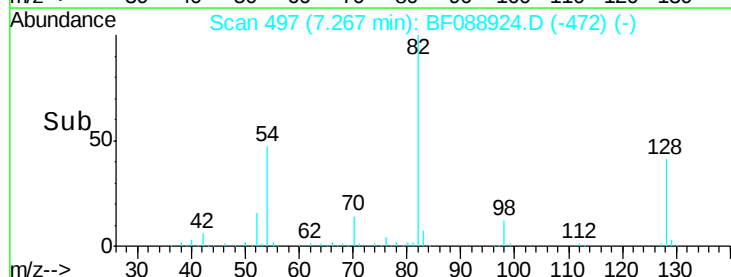
54 47.0 40.9 61.3

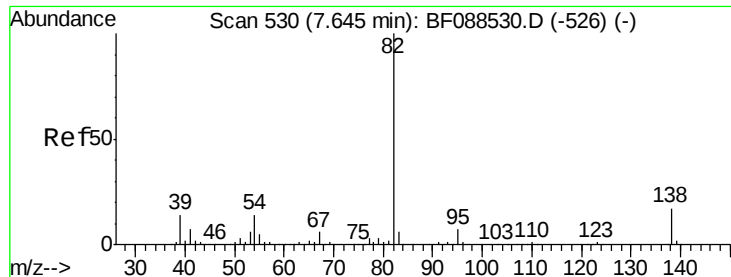


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 21.23 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.27 min

Lab File: BF088924.D

Acq: 12 Jul 2016 14:56

Instrument :

BNA_F

ClientSampleId :

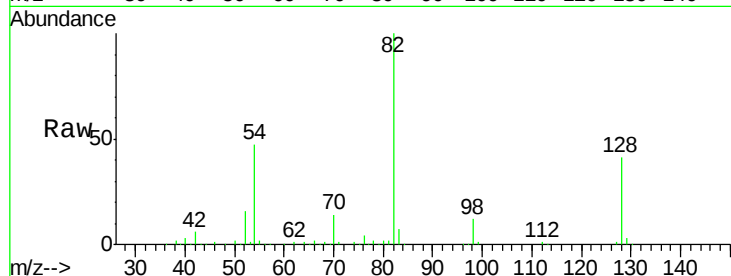
Tot Ion: 82 Resp: 198233

Ion Ratio Lower Upper

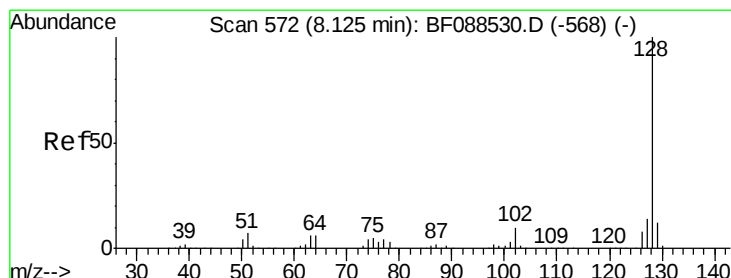
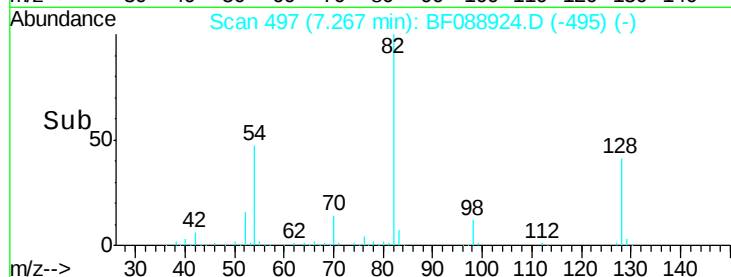
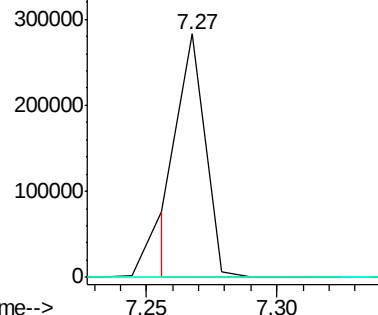
82 100

95 0.0 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



#31

Naphthalene

Concen: 2.37 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088924.D

Acq: 12 Jul 2016 14:56

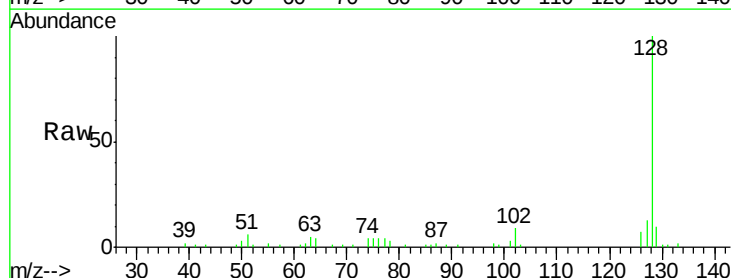
Tgt Ion: 128 Resp: 30811

Ion Ratio Lower Upper

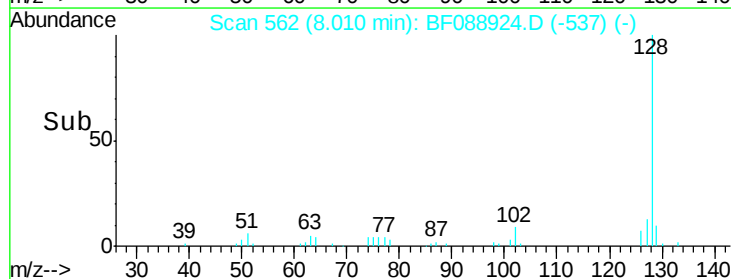
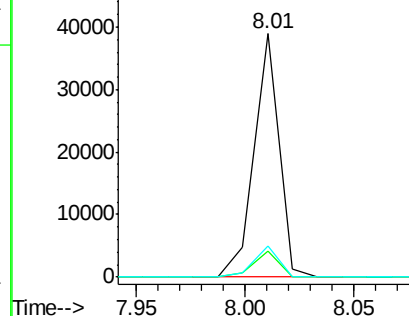
128 100

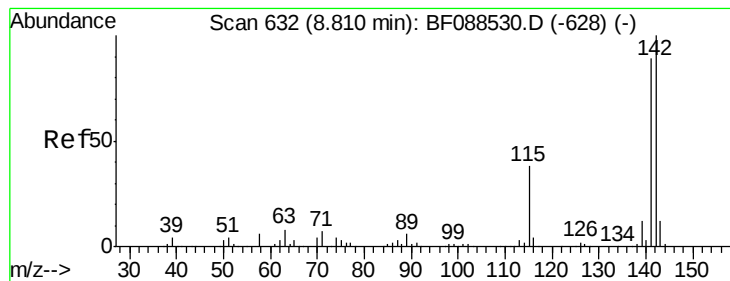
129 10.5 9.4 14.2

127 13.0 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

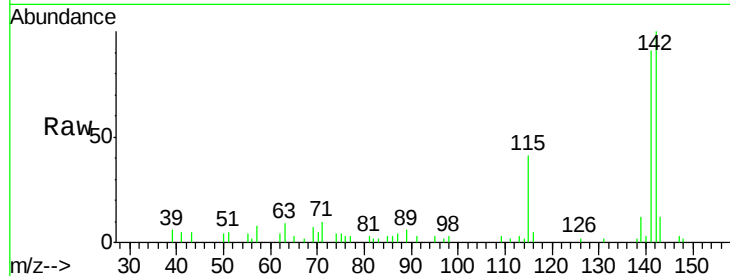




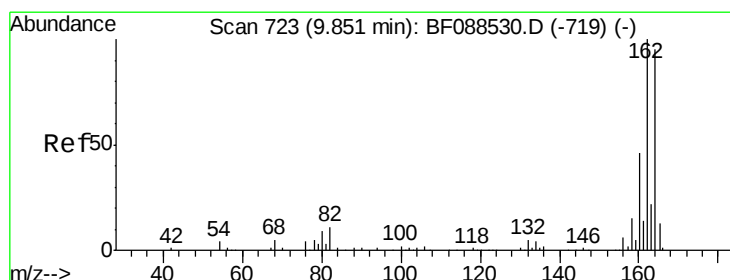
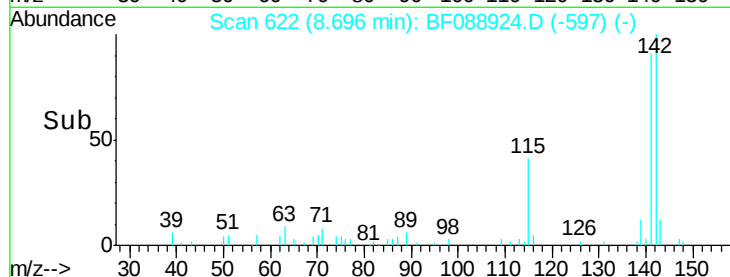
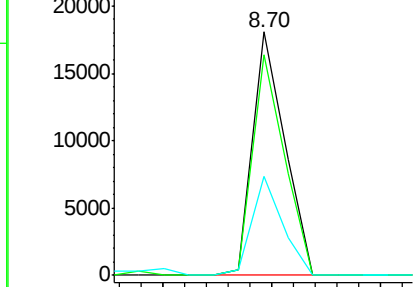
#37
 2-Methylnaphthalene
 Concen: 2.22 ng
 RT: 8.70 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF088924.D
 Acq: 12 Jul 2016 14:56

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:142 Resp: 18608
 Ion Ratio Lower Upper
 142 100
 141 90.6 71.0 106.6
 115 40.8 22.6 33.8#

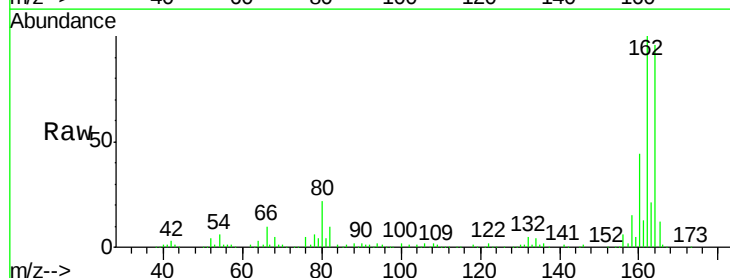


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

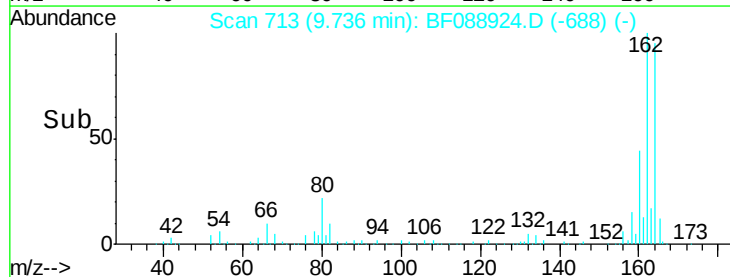
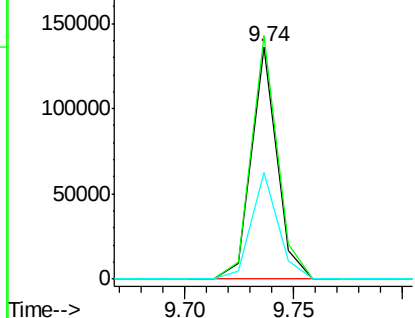


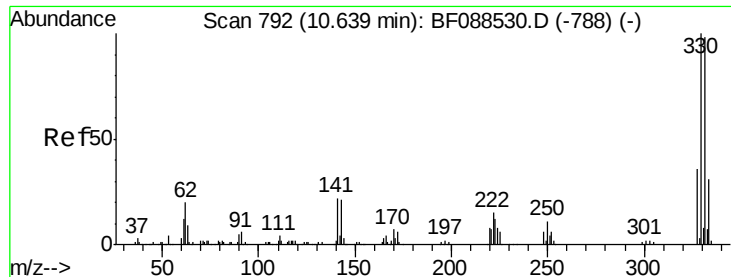
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF088924.D
 Acq: 12 Jul 2016 14:56

Tgt Ion:164 Resp: 111485
 Ion Ratio Lower Upper
 164 100
 162 104.7 85.4 128.2
 160 46.0 39.5 59.3



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

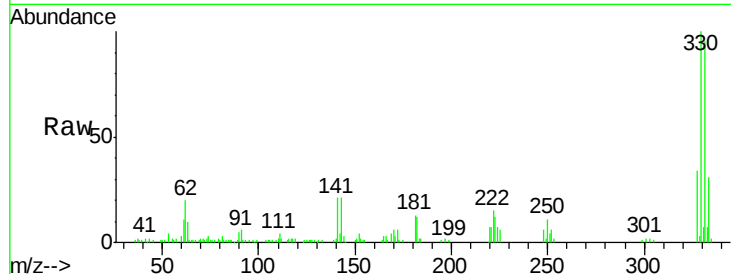




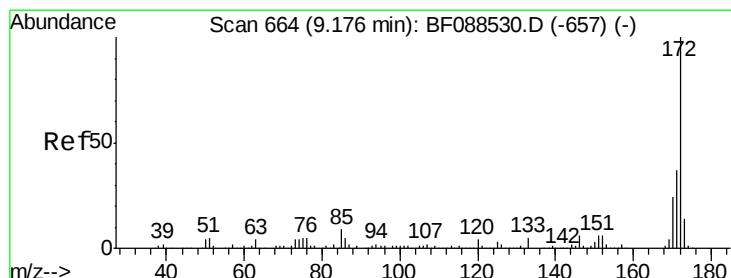
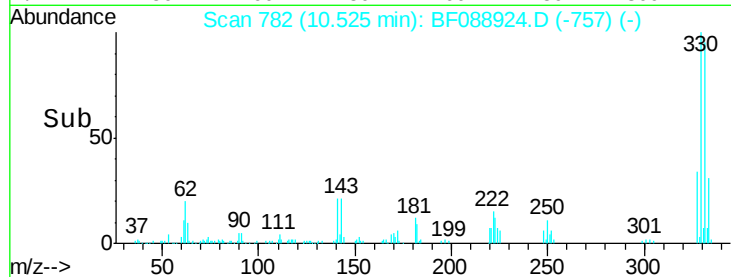
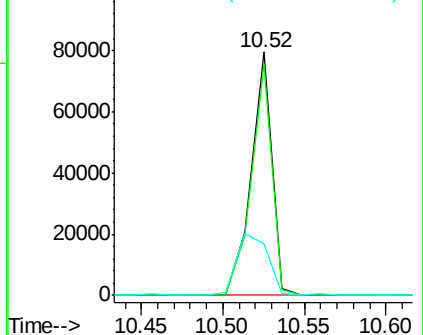
#41
 2,4,6-Tribromophenol
 Concen: 68.33 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088924.D
 Acq: 12 Jul 2016 14:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	0.0	0.0#
141	38.5	0.0	0.0#

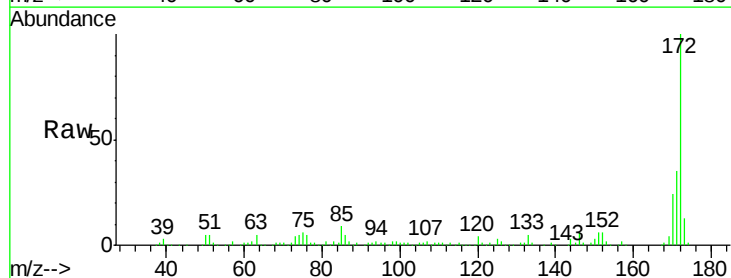


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

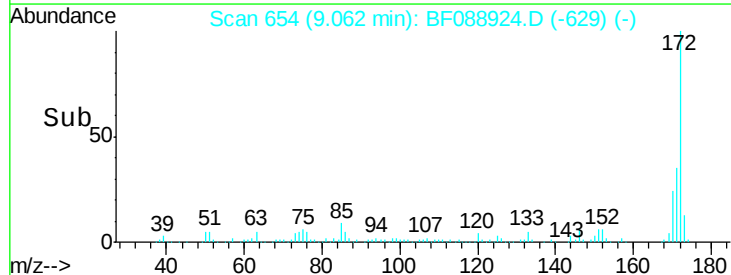
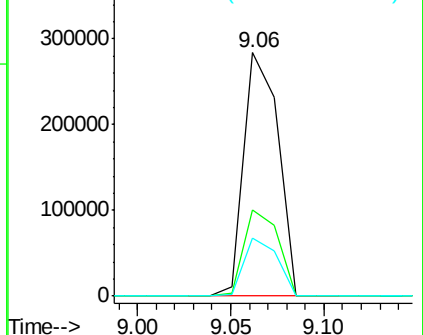


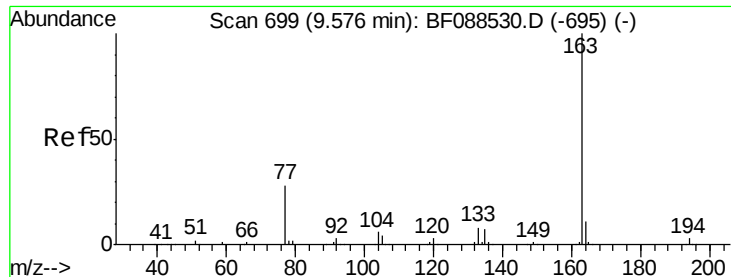
#44
 2-Fluorobiphenyl
 Concen: 51.37 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088924.D
 Acq: 12 Jul 2016 14:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.6	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





#49

Dimethylphthalate

Concen: 11.23 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF088924.D

Acq: 12 Jul 2016 14:56

Instrument :

BNA_F

ClientSampleId :

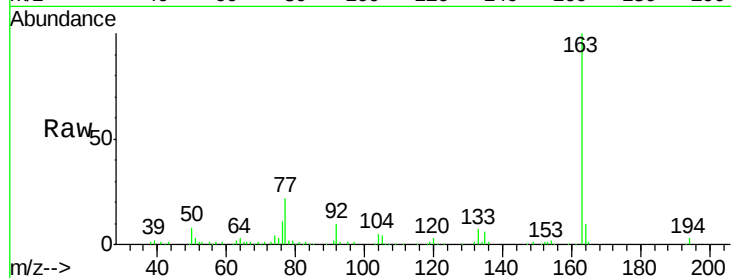
Tot Ion:163 Resp: 89227

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

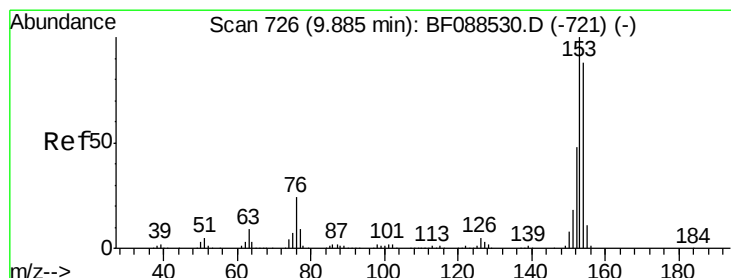
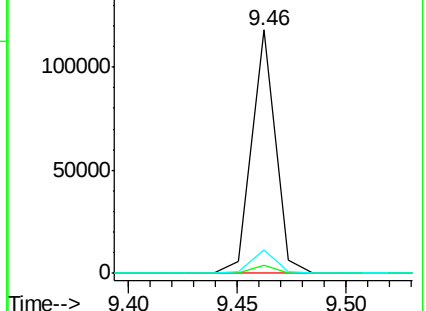
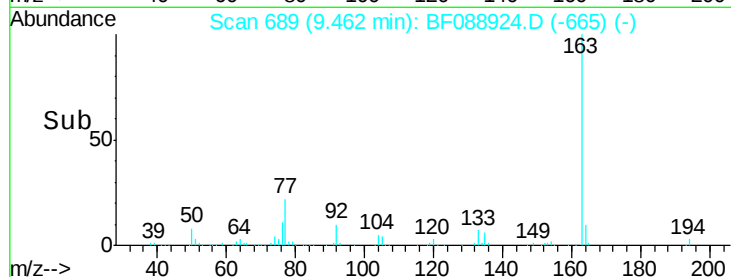
164 9.6 8.3 12.5



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



#51

Acenaphthene

Concen: 3.94 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF088924.D

Acq: 12 Jul 2016 14:56

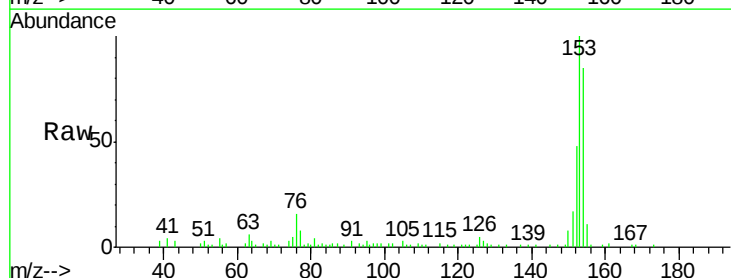
Tgt Ion:154 Resp: 27870

Ion Ratio Lower Upper

154 100

153 117.3 89.5 134.3

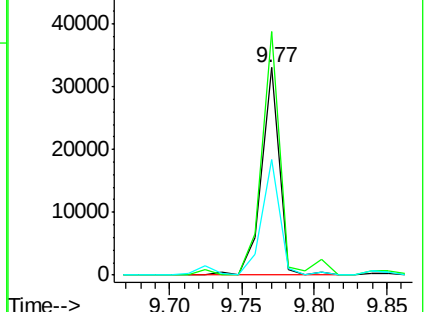
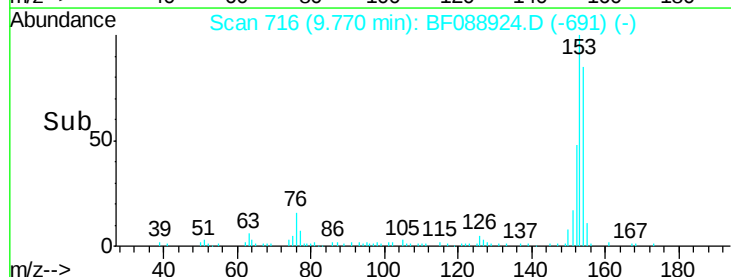
152 55.8 42.7 64.1

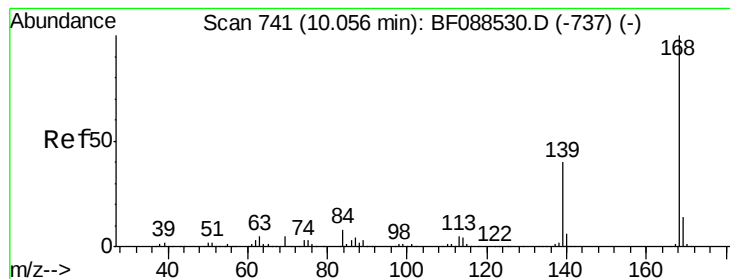


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

Concen: 3.27 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF088924.D

Acq: 12 Jul 2016 14:56

Instrument :

BNA_F

ClientSampleId :

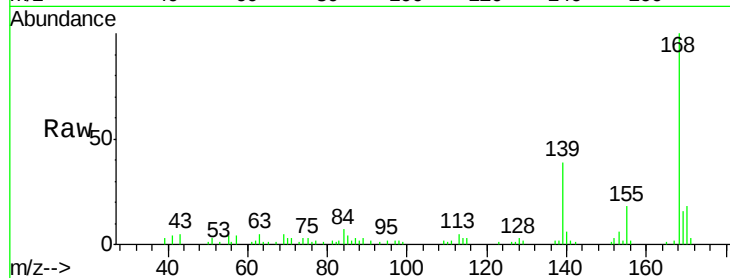
Tot Ion:168 Resp: 30214

Ion Ratio Lower Upper

168 100

139 38.6 26.4 39.6

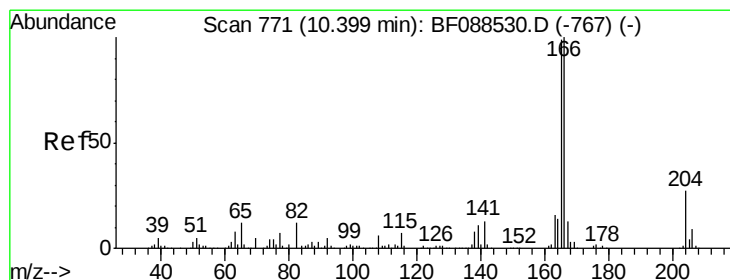
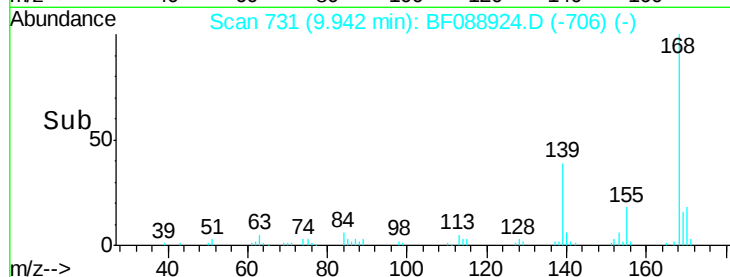
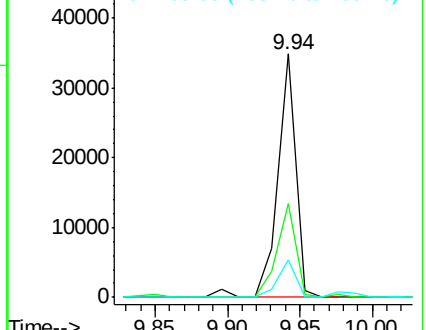
169 15.6 10.4 15.6



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



#57

Fluorene

Concen: 6.58 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF088924.D

Acq: 12 Jul 2016 14:56

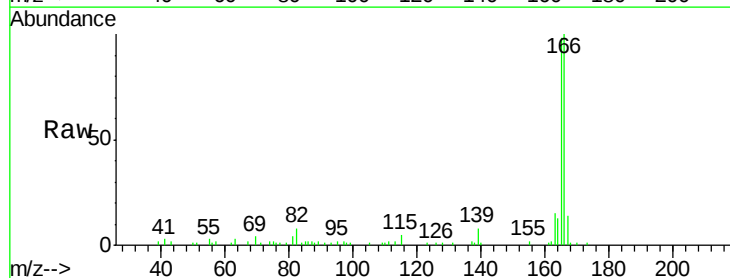
Tgt Ion:166 Resp: 46886

Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.8

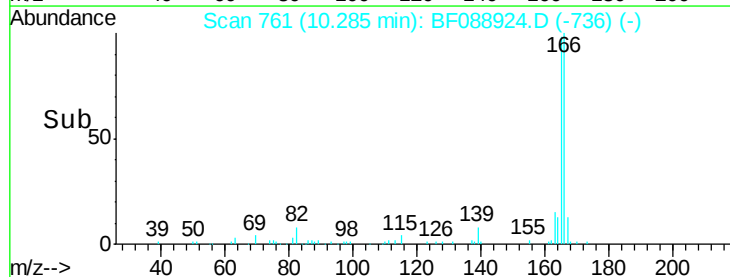
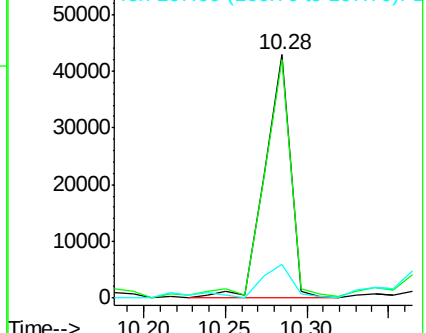
167 13.8 11.2 16.8

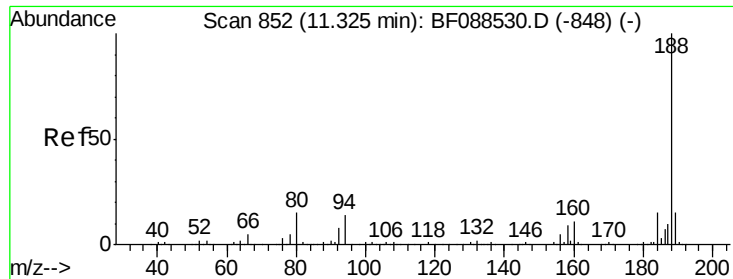


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

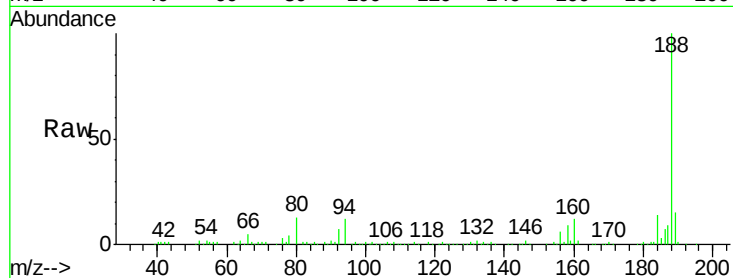




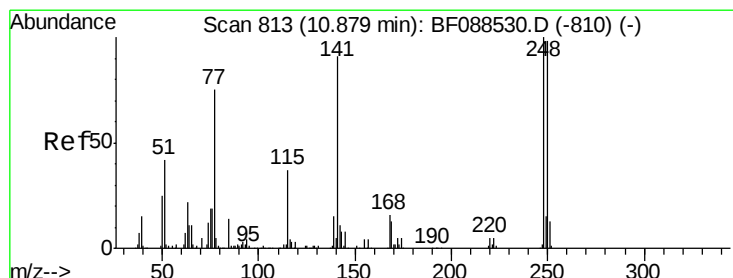
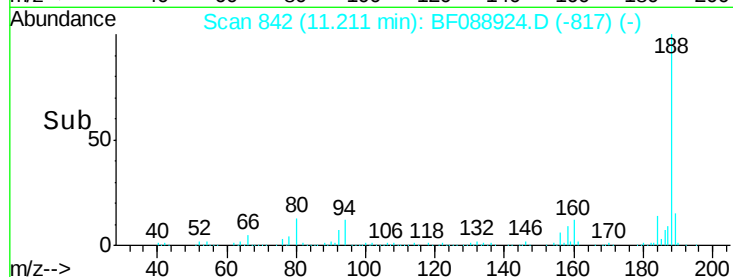
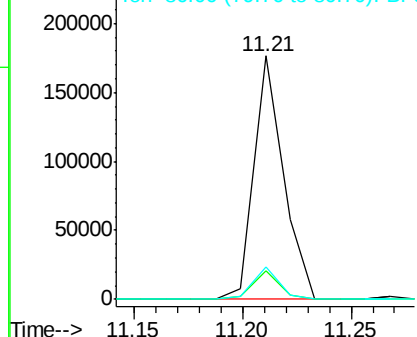
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF088924.D
Acq: 12 Jul 2016 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 166729
Ion Ratio Lower Upper
188 100
94 11.9 9.0 13.6
80 13.3 10.0 15.0

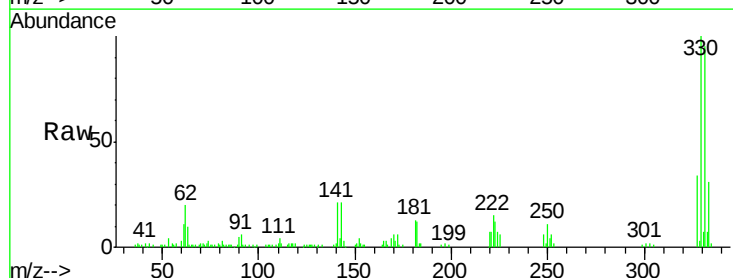


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

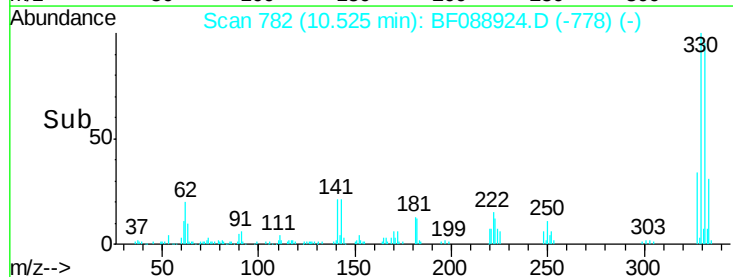
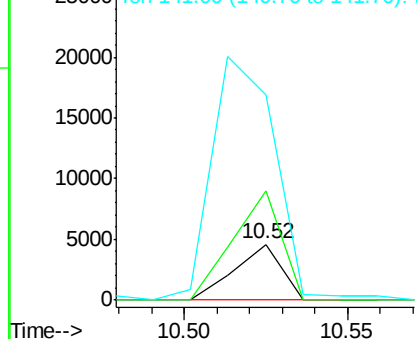


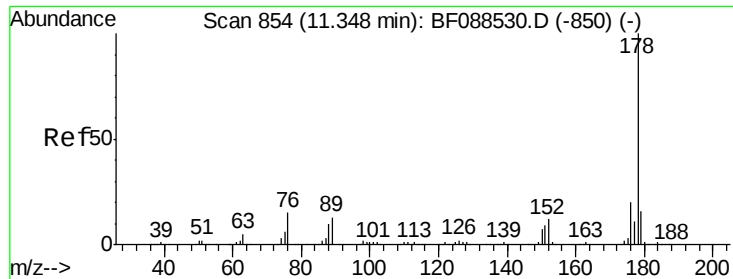
#66
4-Bromophenyl-phenylether
Concen: 2.71 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.25 min
Lab File: BF088924.D
Acq: 12 Jul 2016 14:56

Tgt Ion:248 Resp: 4550
Ion Ratio Lower Upper
248 100
250 197.7 77.1 115.7#
141 370.4 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

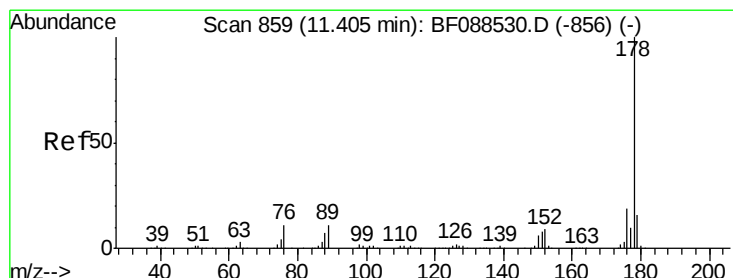
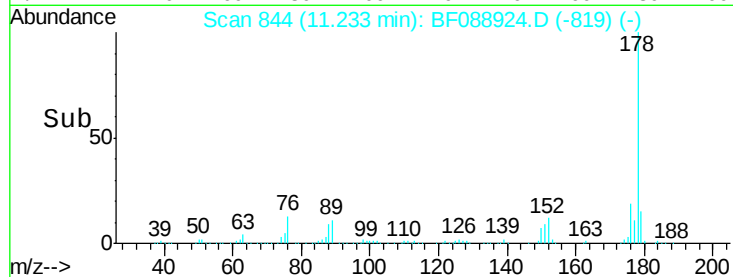
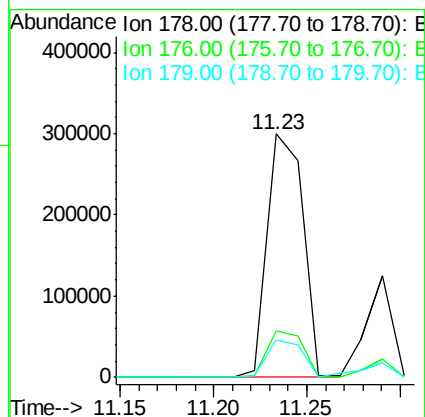
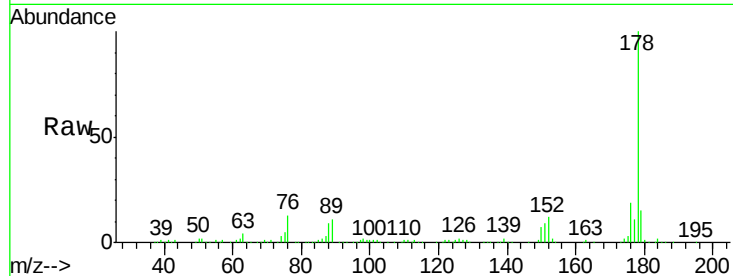




#70
Phenanthrene
Concen: 43.65 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088924.D
Acq: 12 Jul 2016 14:56

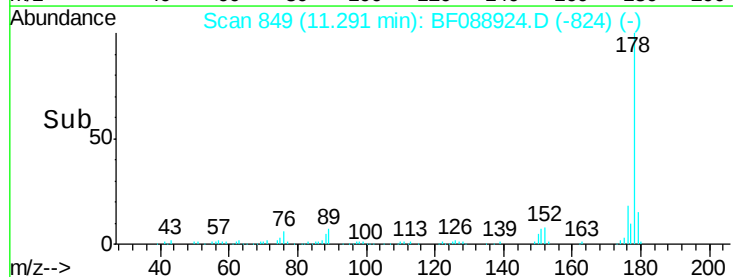
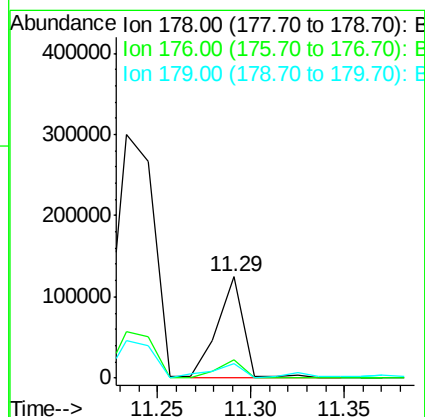
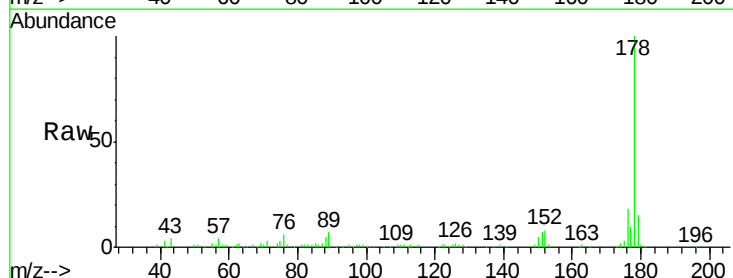
Instrument :
BNA_F
ClientSampleId :

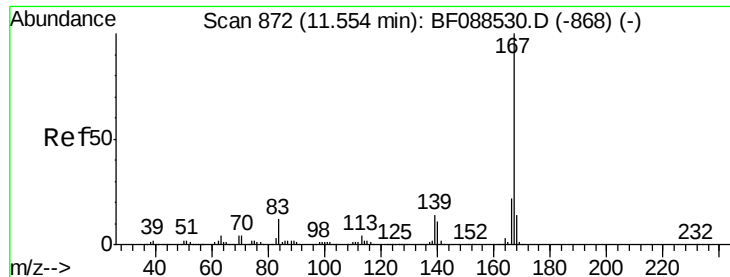
Tot Ion:178 Resp: 397871
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 15.5 13.0 19.4



#71
Anthracene
Concen: 13.25 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF088924.D
Acq: 12 Jul 2016 14:56

Tgt Ion:178 Resp: 120056
Ion Ratio Lower Upper
178 100
176 17.8 15.6 23.4
179 14.8 12.8 19.2

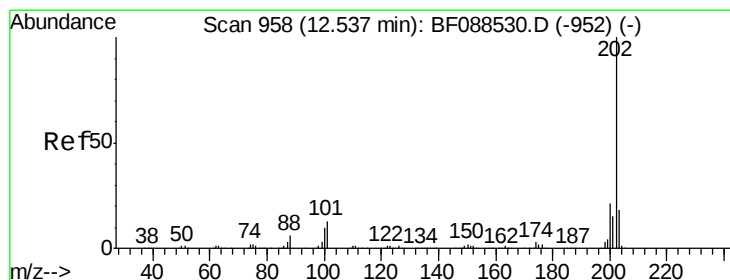
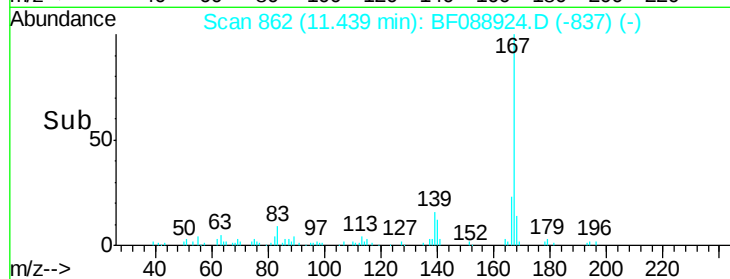
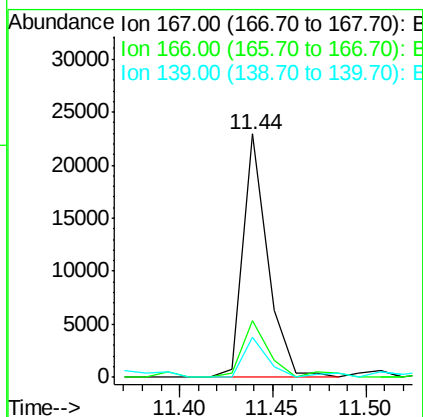
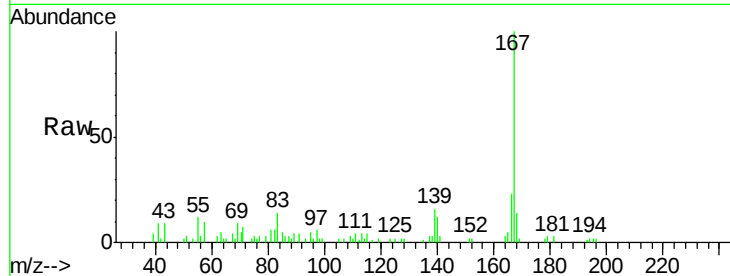




#72
 Carbazole
 Concen: 2.48 ng
 RT: 11.44 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BF088924.D
 Acq: 12 Jul 2016 14:56

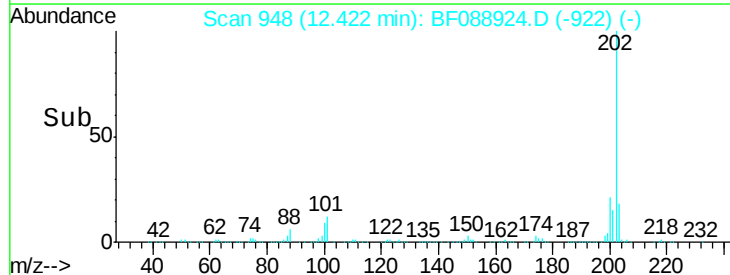
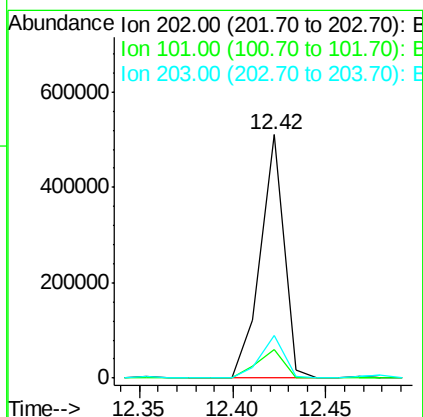
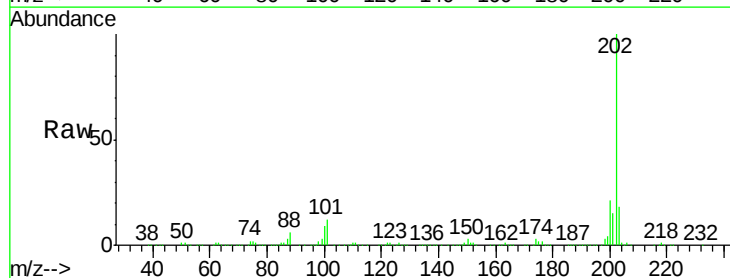
Instrument :
 BNA_F
 ClientSampleId :

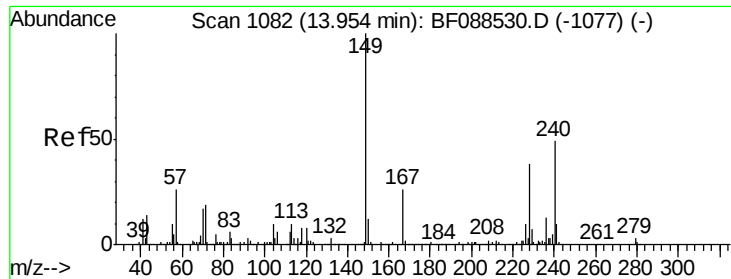
Tot Ion:167 Resp: 21116
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.8 26.6
 139 16.4 11.2 16.8



#74
 Fluoranthene
 Concen: 48.31 ng
 RT: 12.42 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF088924.D
 Acq: 12 Jul 2016 14:56

Tgt Ion:202 Resp: 446370
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 33.1
 203 17.7 0.0 38.1

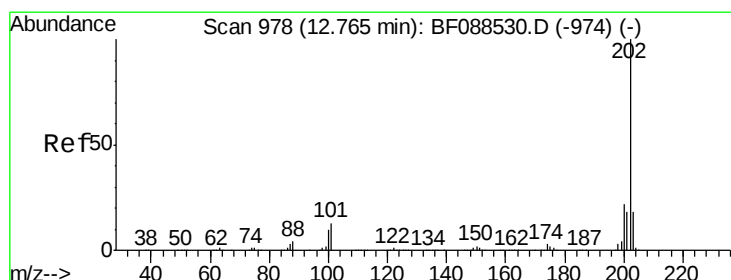
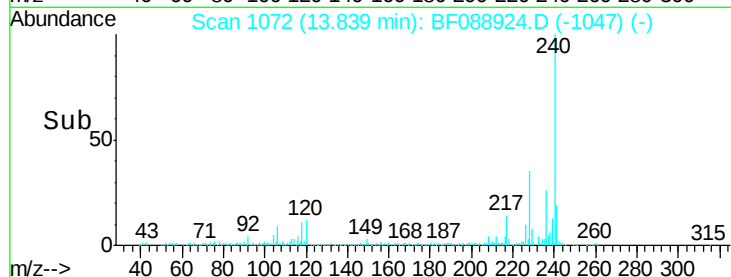
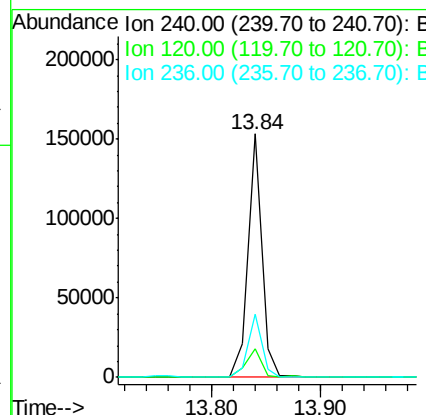
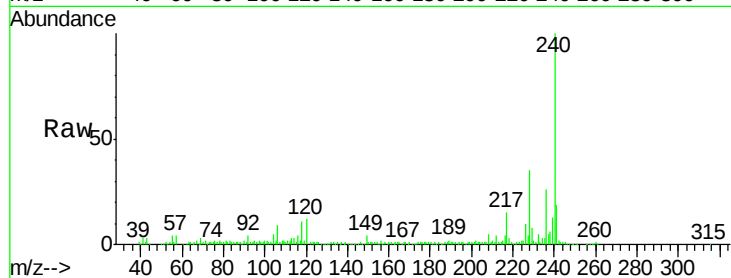




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088924.D
Acq: 12 Jul 2016 14:56

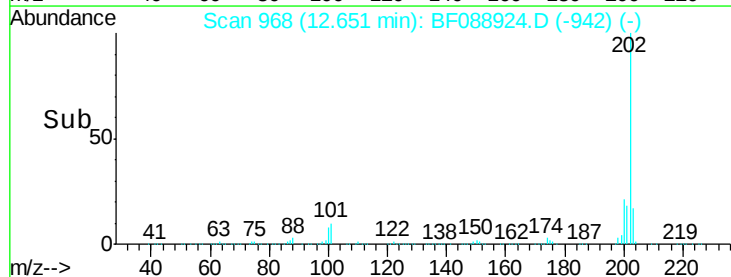
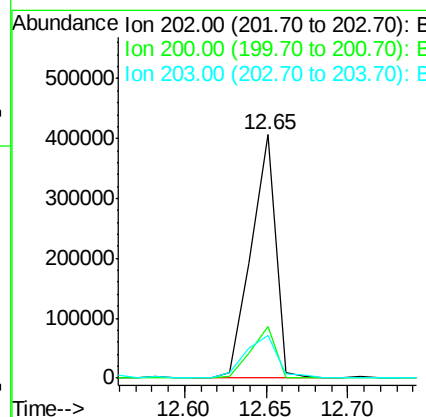
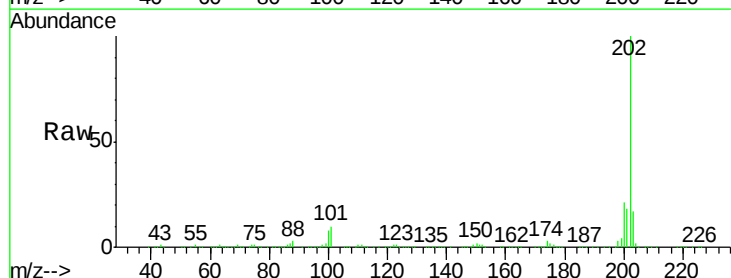
Instrument :
BNA_F
ClientSampleId :

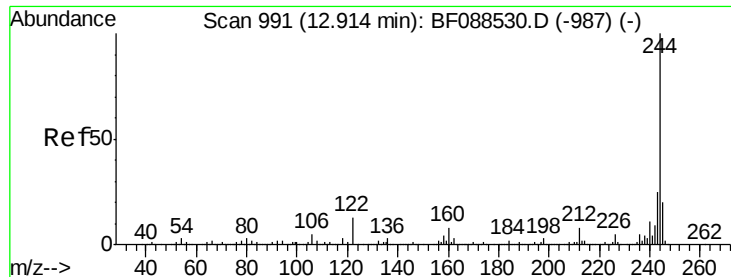
Tot Ion:240 Resp: 135084
Ion Ratio Lower Upper
240 100
120 11.8 6.8 10.2#
236 25.9 20.2 30.2



#77
Pyrene
Concen: 36.77 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF088924.D
Acq: 12 Jul 2016 14:56

Tgt Ion:202 Resp: 421184
Ion Ratio Lower Upper
202 100
200 21.0 17.4 26.2
203 17.3 14.5 21.7





#78

Terphenyl-d14

Concen: 38.43 ng

RT: 12.80 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF088924.D

Acq: 12 Jul 2016 14:56

Instrument :

BNA_F

ClientSampleId :

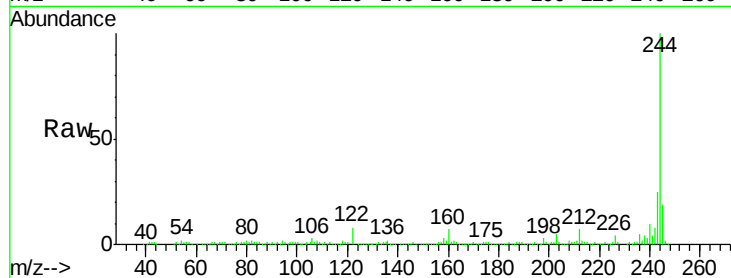
Tot Ion:244 Resp: 233052

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

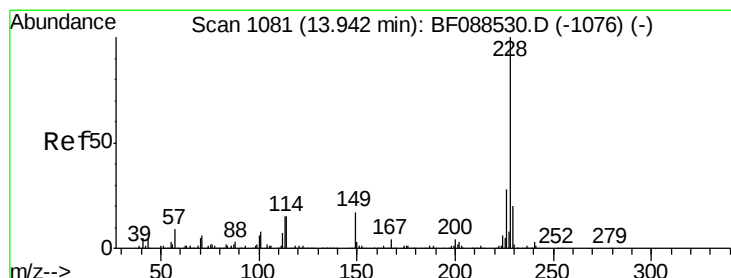
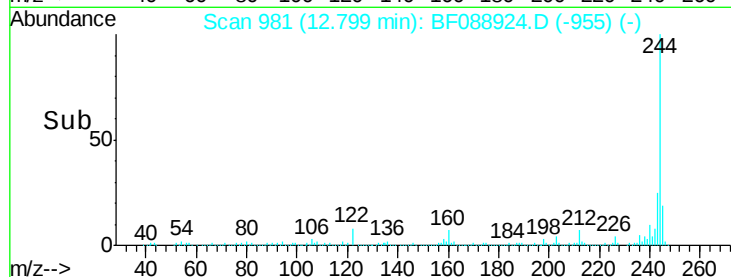
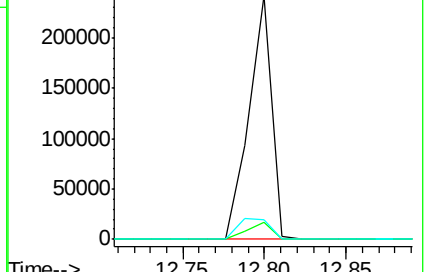
122 8.3 11.2 16.8#



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



#80

Benzo(a)anthracene

Concen: 25.61 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF088924.D

Acq: 12 Jul 2016 14:56

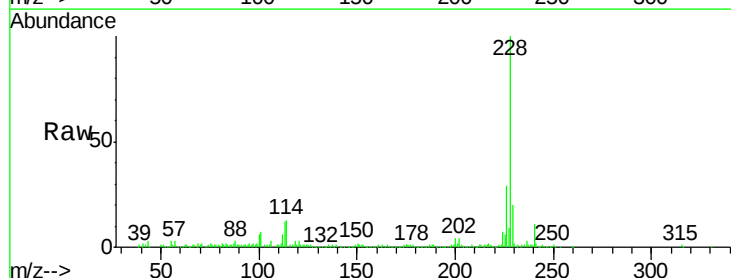
Tgt Ion:228 Resp: 222793

Ion Ratio Lower Upper

228 100

226 28.7 22.3 33.5

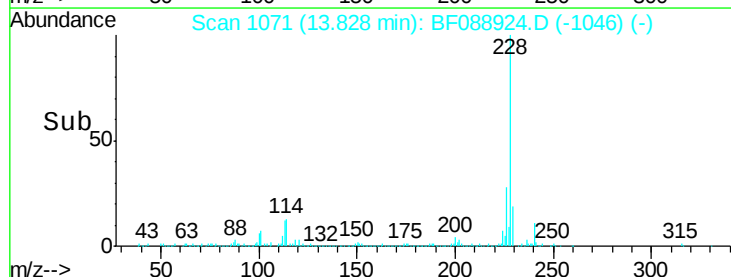
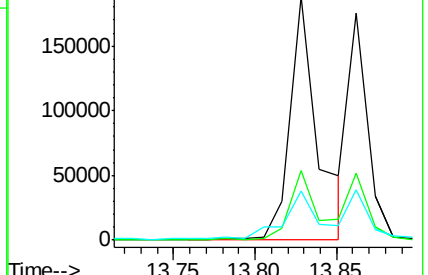
229 20.1 16.0 24.0

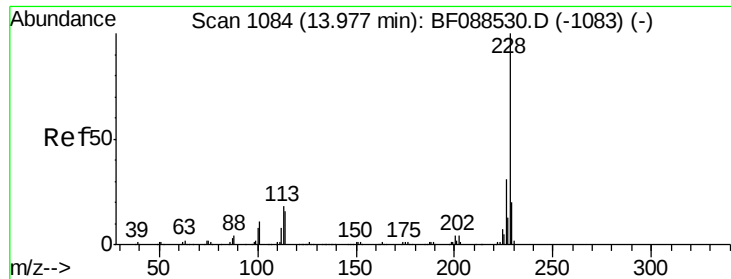


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 25.89 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.05 min

Lab File: BF088924.D

Acq: 12 Jul 2016 14:56

Instrument :

BNA_F

ClientSampled :

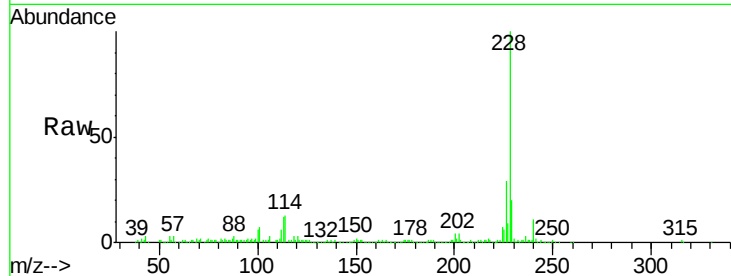
Tot Ion:228 Resp: 222793

Ion Ratio Lower Upper

228 100

226 28.7 25.4 38.2

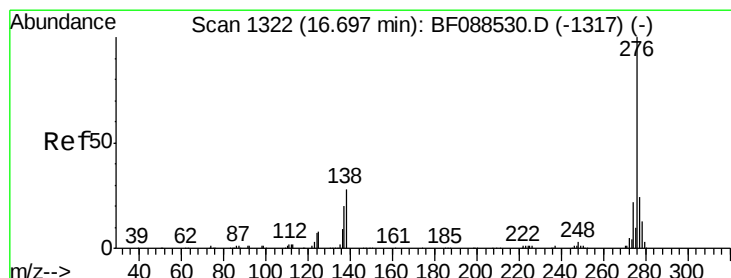
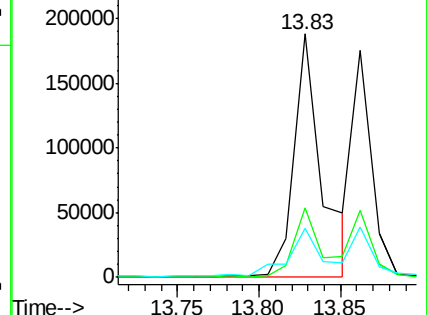
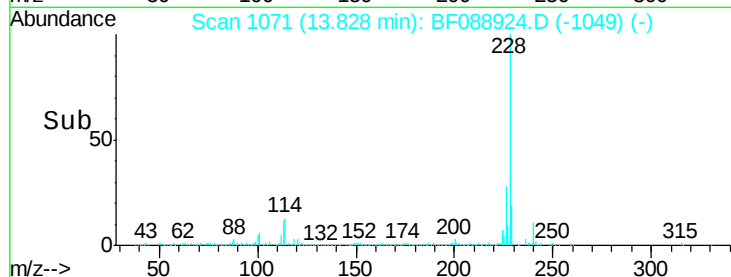
229 20.1 16.3 24.5



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 12.86 ng

RT: 16.50 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF088924.D

Acq: 12 Jul 2016 14:56

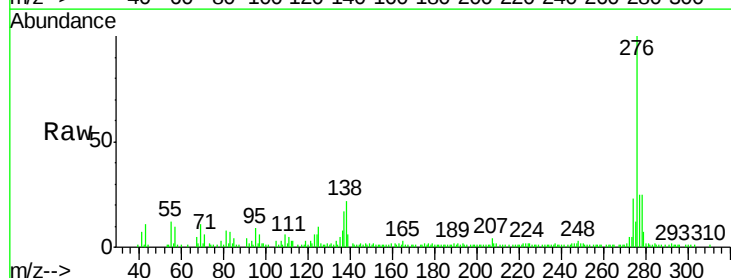
Tgt Ion:276 Resp: 85133

Ion Ratio Lower Upper

276 100

138 23.9 0.0 0.0#

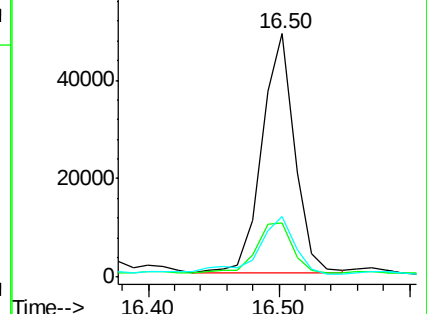
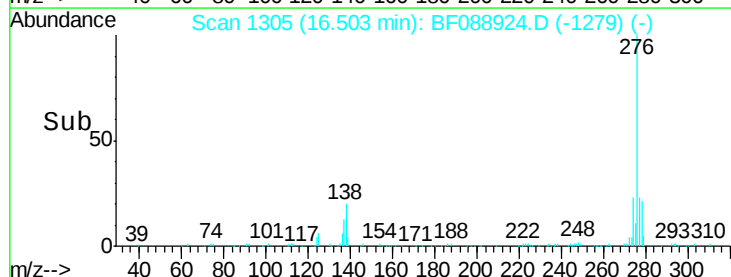
277 28.1 0.0 0.0#

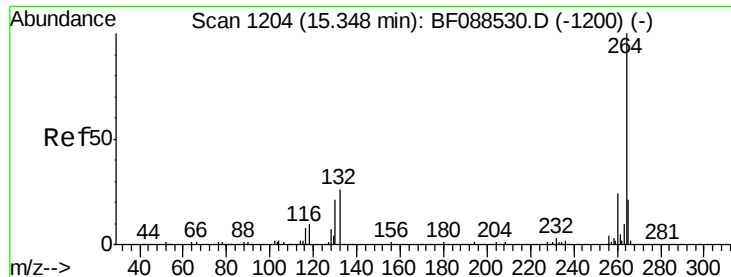


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

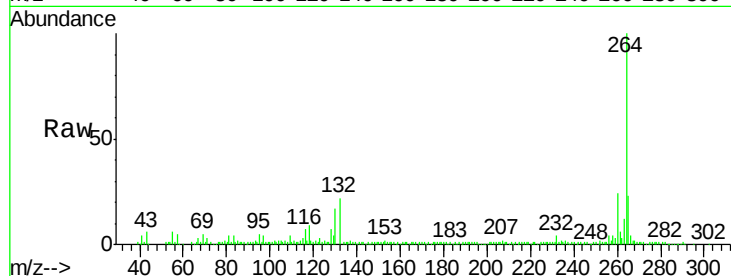




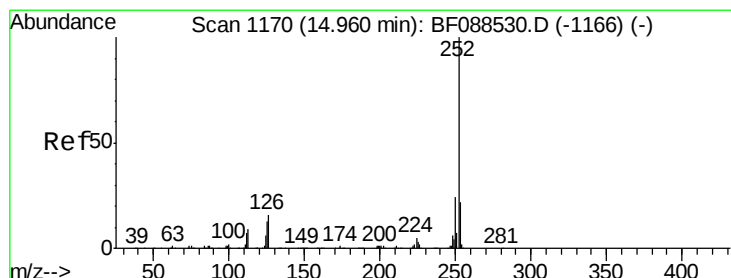
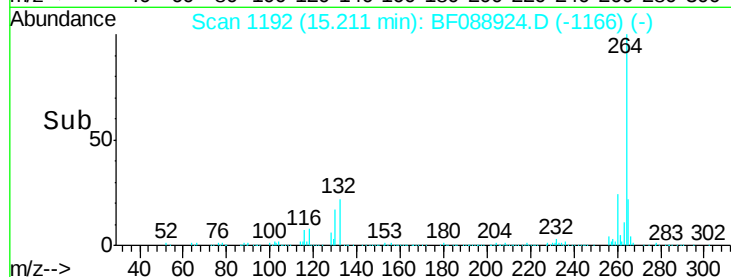
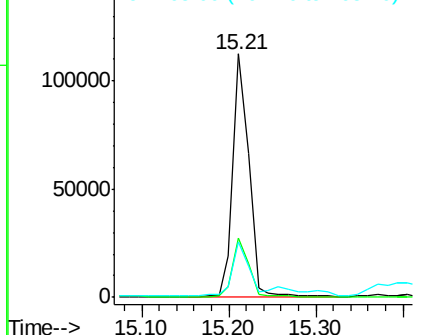
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BF088924.D
Acq: 12 Jul 2016 14:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 145679
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 22.8 16.9 25.3

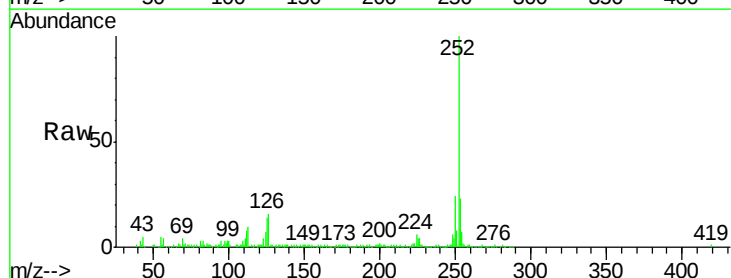


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

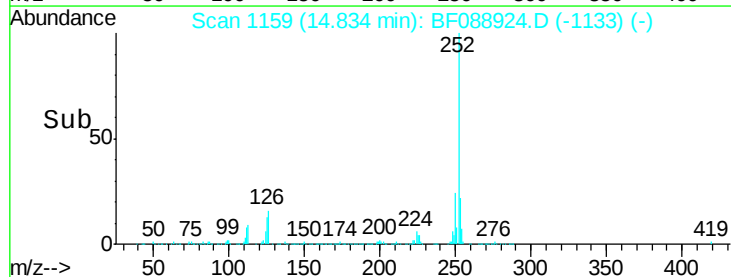
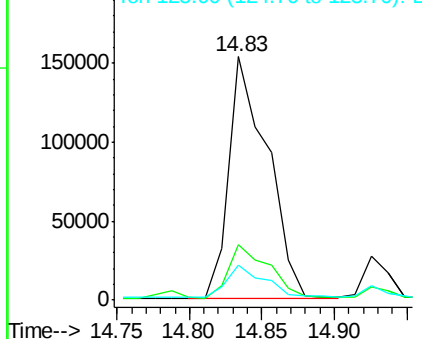


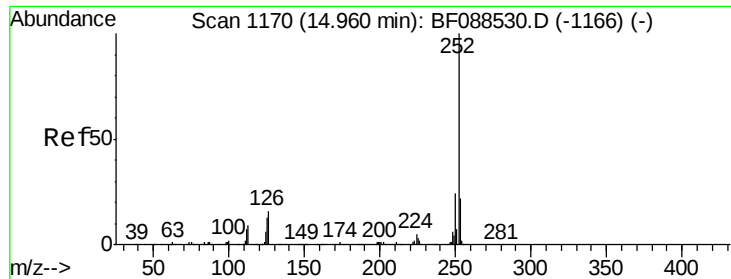
#87
Benzo(b)fluoranthene
Concen: 31.18 ng
RT: 14.83 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF088924.D
Acq: 12 Jul 2016 14:56

Tgt Ion:252 Resp: 284934
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 14.3 7.1 10.7#



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

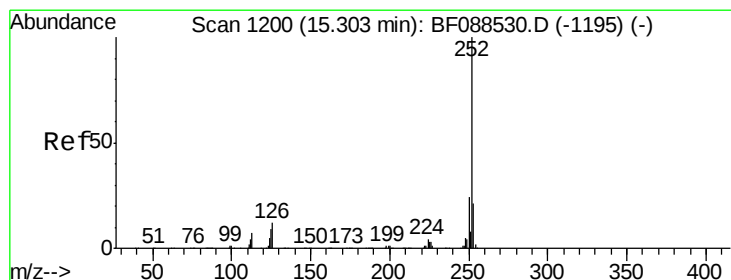
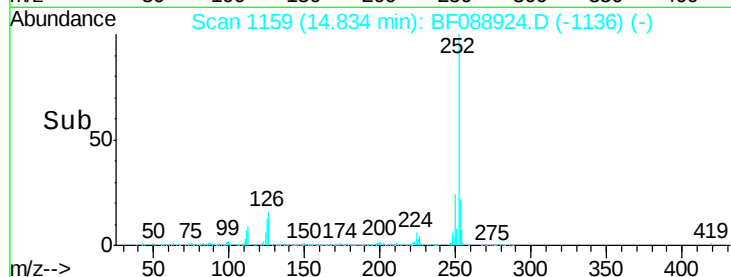
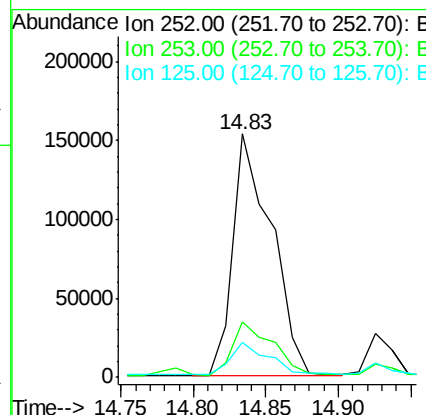
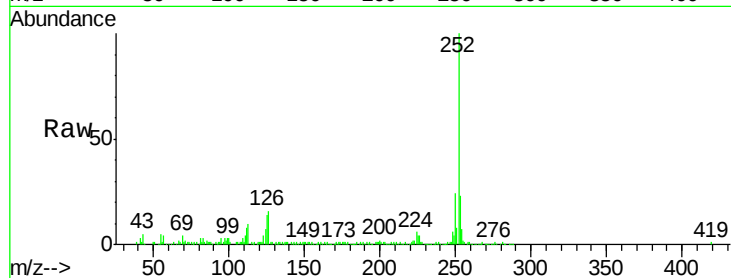




#88
Benzo(k)fluoranthene
Concen: 35.82 ng
RT: 14.83 min Scan# 1159
Delta R.T. -0.03 min
Lab File: BF088924.D
Acq: 12 Jul 2016 14:56

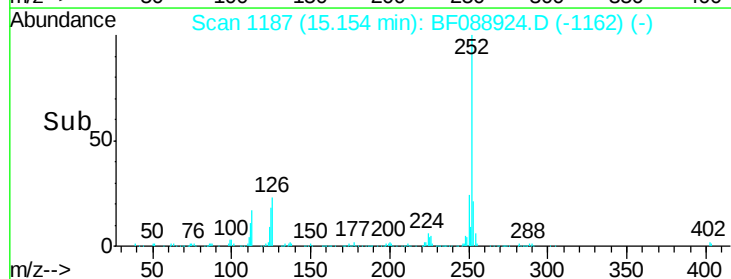
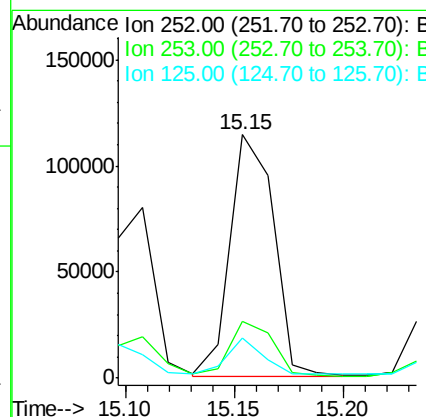
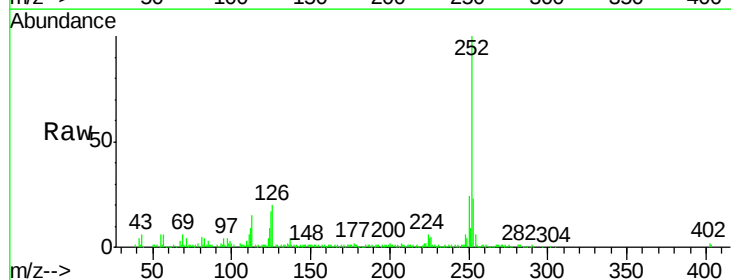
Instrument :
BNA_F
ClientSampleId :

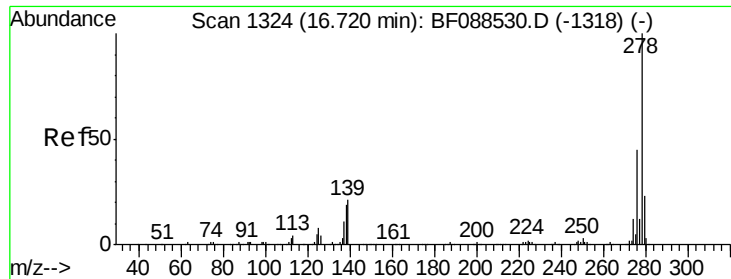
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	14.3	11.2	16.8



#89
Benzo(a)pyrene
Concen: 20.56 ng
RT: 15.15 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF088924.D
Acq: 12 Jul 2016 14:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	16.7	12.5	18.7





#90

Dibenzo(a,h)anthracene

Concen: 4.57 ng

RT: 16.50 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF088924.D

Acq: 12 Jul 2016 14:56

Instrument :

BNA_F

ClientSampleId :

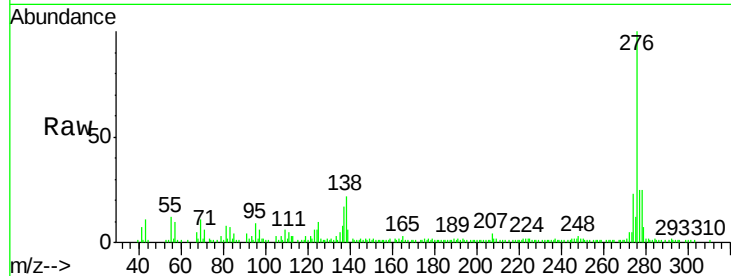
Tot Ion:278 Resp: 29541

Ion Ratio Lower Upper

278 100

139 24.2 15.7 23.5#

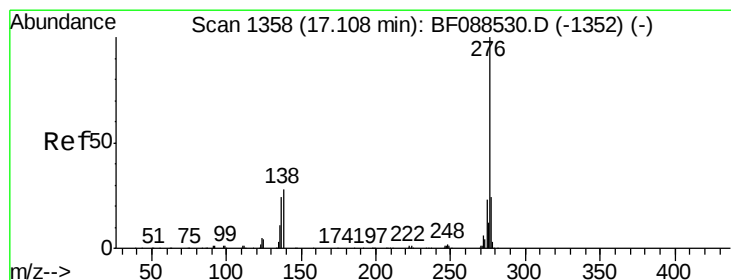
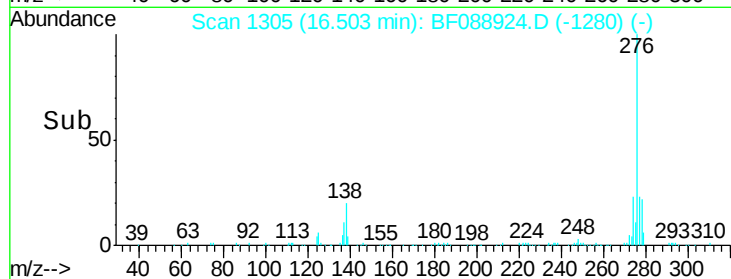
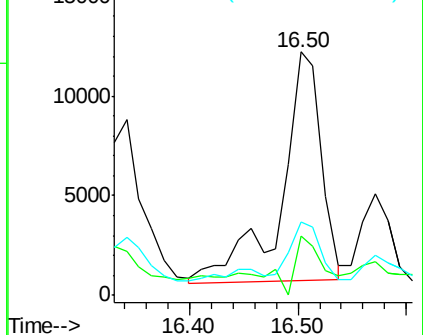
279 30.3 19.4 29.2#



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: 11.76 ng

RT: 16.89 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BF088924.D

Acq: 12 Jul 2016 14:56

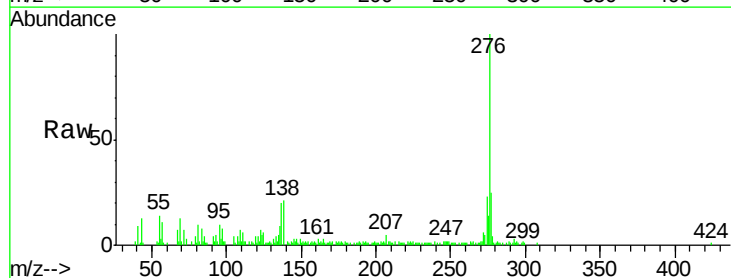
Tgt Ion:276 Resp: 78614

Ion Ratio Lower Upper

276 100

277 24.6 18.9 28.3

138 20.9 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

