

Data File : BF093271.D
Acq On : 1 Mar 2017 4:06
Operator : SJ/MA
Sample : I1973-12DL 50X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-2DL

Quant Time: Mar 01 05:52:23 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	113684	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	398265	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	173800	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	289810	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	275693	20.00	ng	-0.05
86) Perylene-d12	15.40	264	192661	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	12477	1.88	ng	-0.02
7) Phenol-d6	6.48	99	16991	1.99	ng	-0.01
23) Nitrobenzene-d5	7.38	82	10801	1.51	ng	-0.05
41) 2,4,6-Tribromophenol	10.65	330	2122	1.69	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	21120	2.20	ng	-0.05
78) Terphenyl-d14	12.91	244	19051	1.62	ng	-0.06

Target Compounds				Qvalue		
31) Naphthalene	8.11	128	247879	12.28	ng	98
32) Benzoic acid	7.90	122	2294	7.73	ng	# 11
33) 4-Chloroaniline	8.11	127	31988	4.04	ng	# 32
37) 2-Methylnaphthalene	8.81	142	85089	6.56	ng	98
50) 2,6-Dinitrotoluene	9.85	165	25110	9.93	ng	# 31
51) Acenaphthene	9.88	154	102041	10.04	ng	96
54) Dibenzofuran	10.05	168	162840	11.97	ng	92
55) 4-Nitrophenol	10.05	139	57093	27.40	ng	# 5
57) Fluorene	10.40	166	157917	15.09	ng	98
70) Phenanthrene	11.36	178	1280583	77.13	ng	99
71) Anthracene	11.41	178	438883	26.32	ng	97
72) Carbazole	11.57	167	128684	8.07	ng	97
74) Fluoranthene	12.55	202	1230018	71.82	ng	97
77) Pyrene	12.77	202	994072	48.18	ng	99
80) Benzo(a)anthracene	13.96	228	517638	30.70	ng	99
82) Chrysene	14.00	228	341328	21.62	ng	98
85) Indeno(1,2,3-cd)pyrene	16.79	276	122323	10.00	ng	98
87) Benzo(b)fluoranthene	14.99	252	477177	37.63	ng	97
88) Benzo(k)fluoranthene	14.99	252	477177	43.58	ng	# 95
89) Benzo(a)pyrene	15.35	252	243502	22.20	ng	97
90) Dibenzo(a,h)anthracene	16.79	278	30390	3.43	ng	# 78
91) Benzo(g,h,i)perylene	17.21	276	104791	11.70	ng	# 86

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

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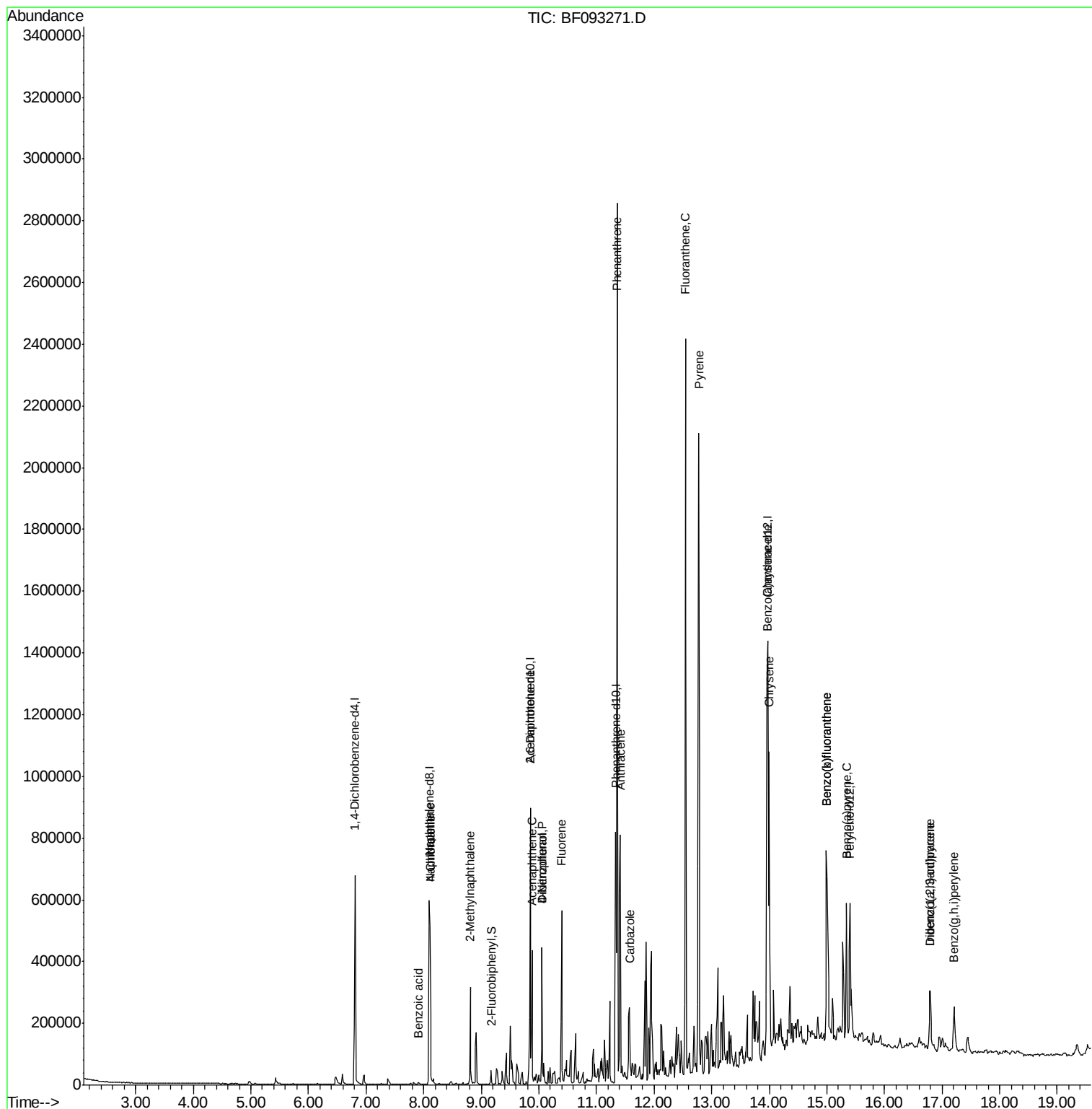
Quant Time: Mar 01 05:52:23 2017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF093271.D

Acq: 1 Mar 2017 4:06

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2-BASE-2DL

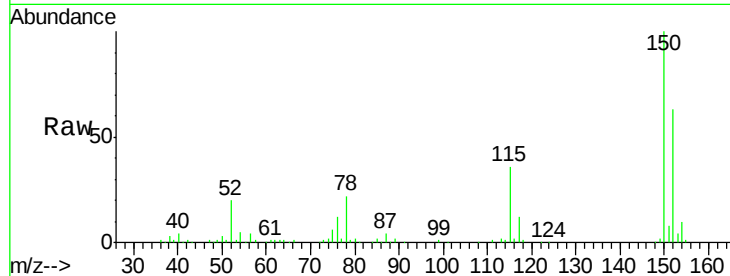
Tgt Ion:152 Resp: 113684

Ion Ratio Lower Upper

152 100

150 158.6 124.9 187.3

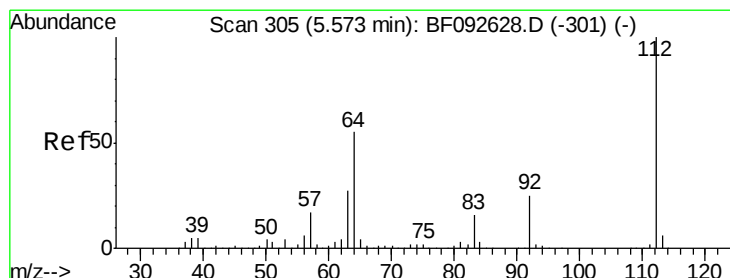
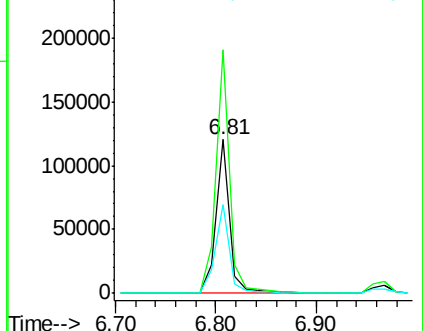
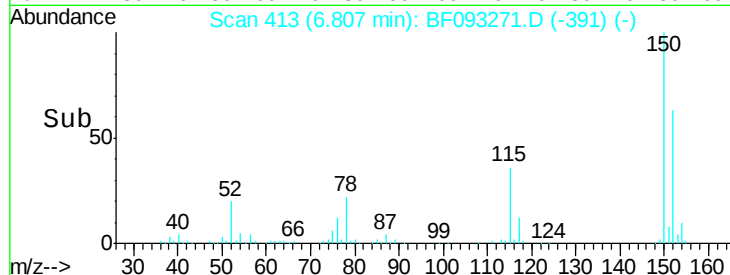
115 57.7 46.0 69.0



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: 1.88 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF093271.D

Acq: 1 Mar 2017 4:06

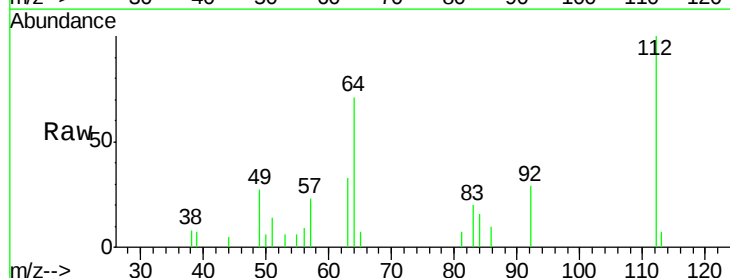
Tgt Ion:112 Resp: 12477

Ion Ratio Lower Upper

112 100

64 71.3 46.1 69.1#

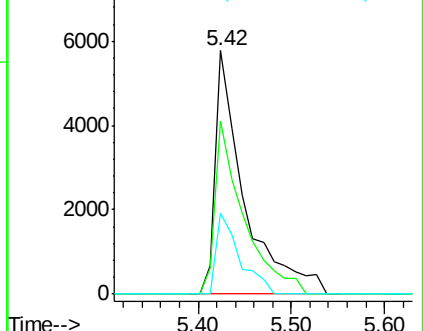
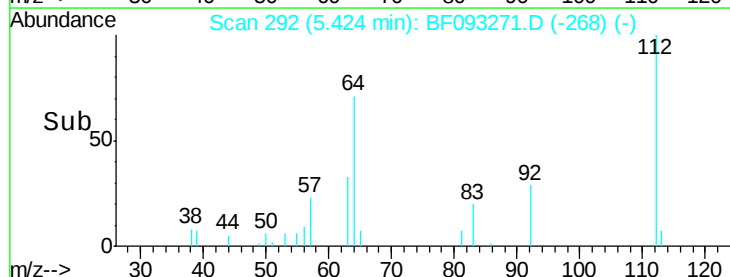
63 33.2 23.8 35.6



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: 1.99 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093271.D

Acq: 1 Mar 2017 4:06

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2-BASE-2DL

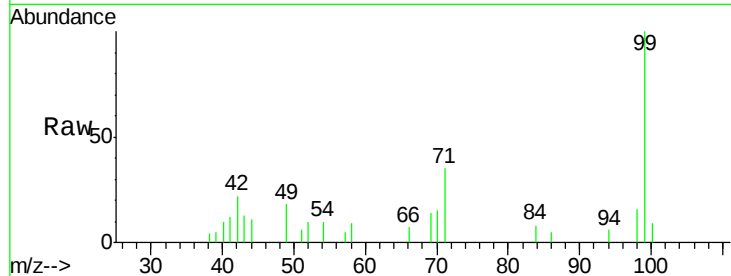
Tgt Ion: 99 Resp: 16991

Ion Ratio Lower Upper

99 100

42 21.6 15.6 23.4

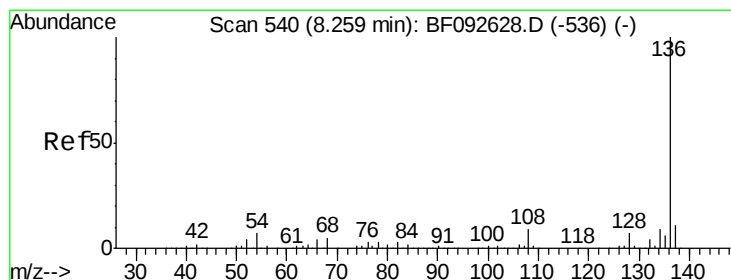
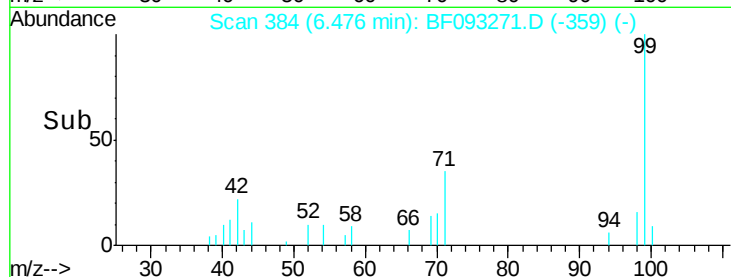
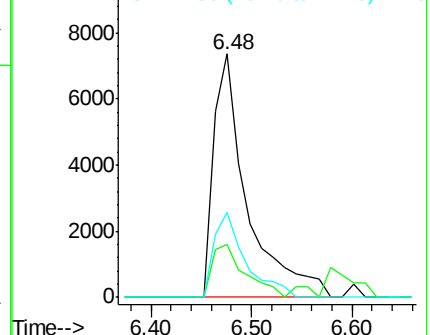
71 35.0 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.05 min

Lab File: BF093271.D

Acq: 1 Mar 2017 4:06

Tgt Ion: 136 Resp: 398265

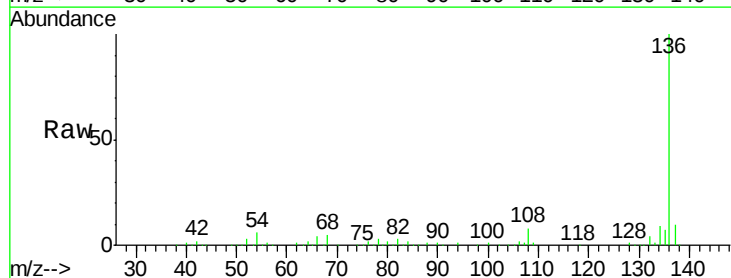
Ion Ratio Lower Upper

136 100

137 10.4 8.4 12.6

54 6.4 4.5 6.7

68 5.1 3.6 5.4

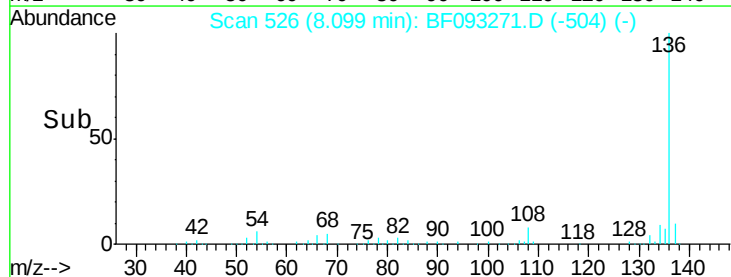
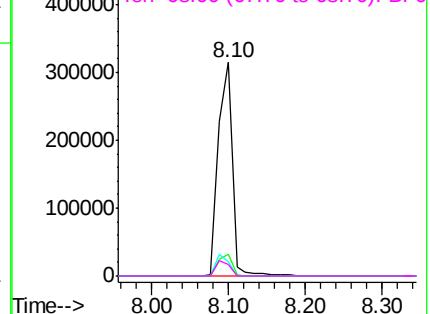


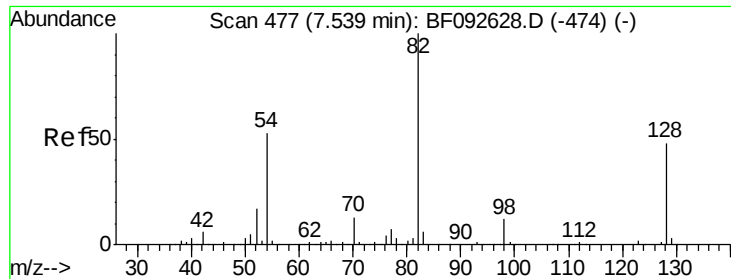
Abundance Ion 136.00 (135.70 to 136.70): E

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

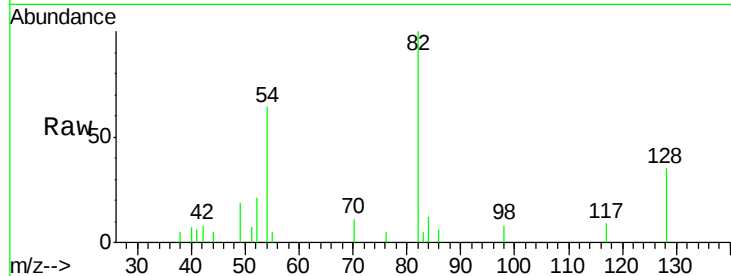




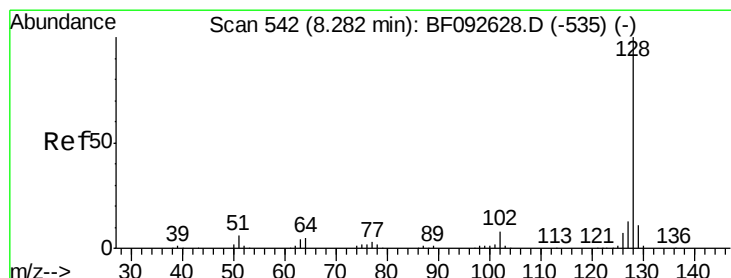
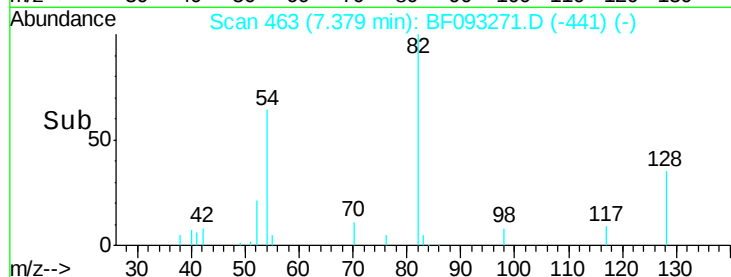
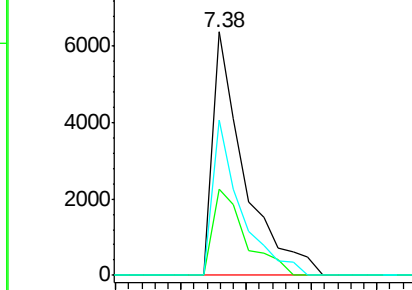
#23
Nitrobenzene-d5
Concen: 1.51 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093271.D
Acq: 1 Mar 2017 4:06

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Tgt Ion: 82 Resp: 10801
Ion Ratio Lower Upper
82 100
128 35.4 34.6 52.0
54 63.8 39.5 59.3#

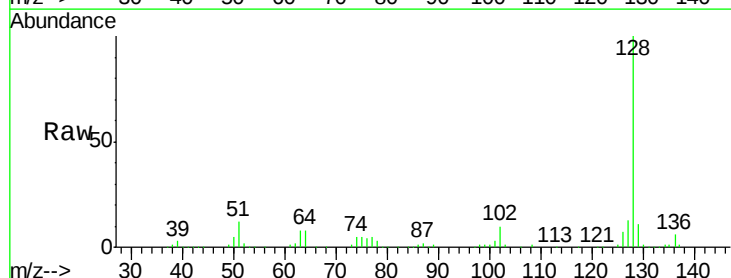


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

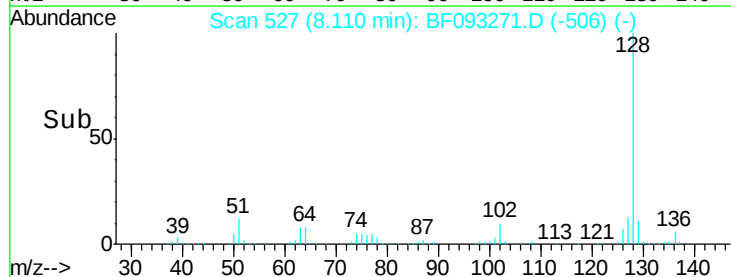
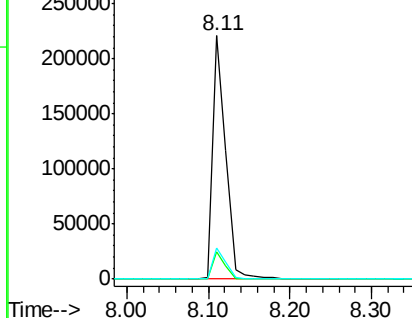


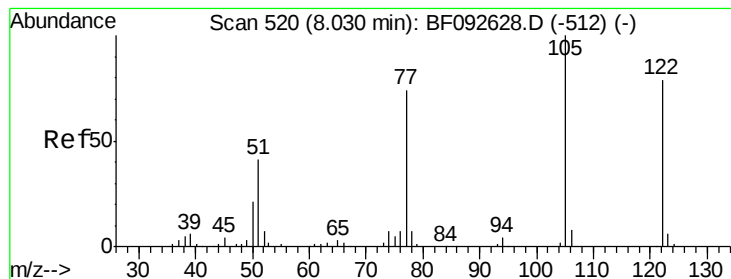
#31
Naphthalene
Concen: 12.28 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.06 min
Lab File: BF093271.D
Acq: 1 Mar 2017 4:06

Tgt Ion: 128 Resp: 247879
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 12.9 10.8 16.2



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: 7.73 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF093271.D

Acq: 1 Mar 2017 4:06

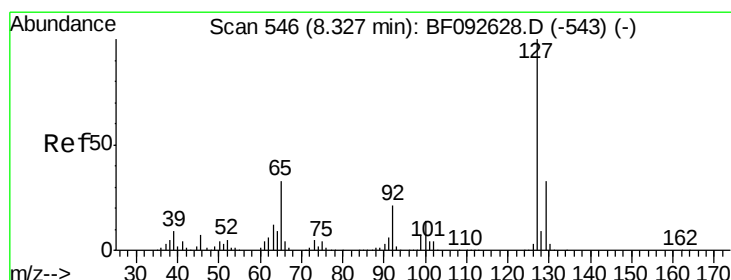
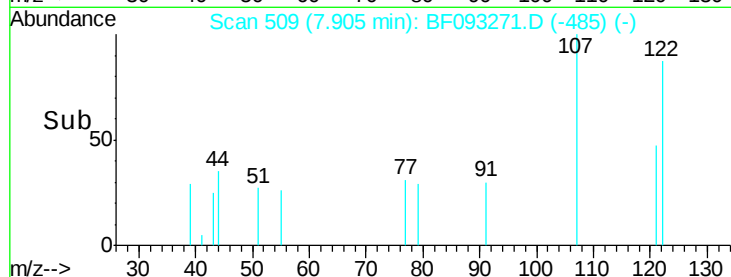
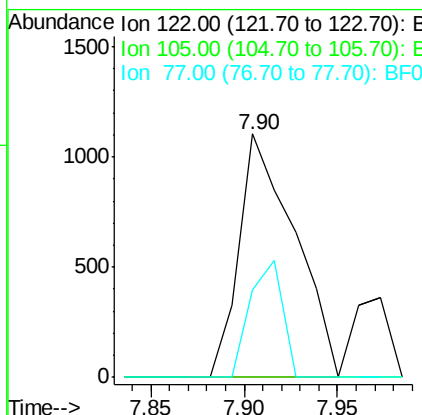
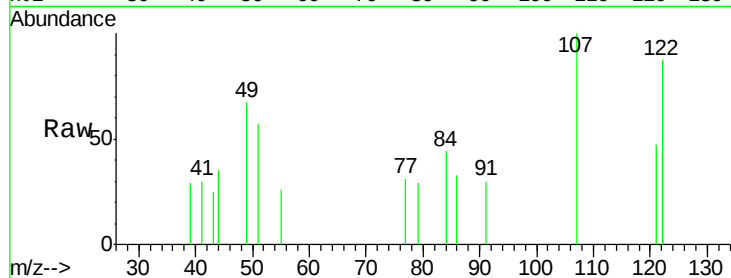
Instrument :

BNA_F

ClientSampleId :

E2-B1-B2-BASE-2DL

Tgt Ion:	122	Resp:	2294
Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.2	147.2#
77	35.8	74.5	114.5#



#33

4-Chloroaniline

Concen: 4.04 ng

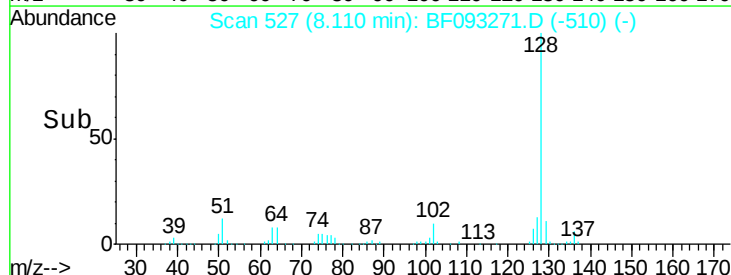
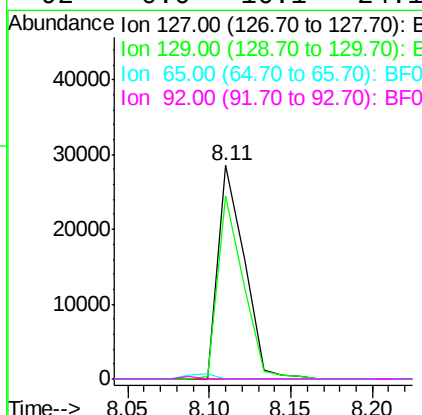
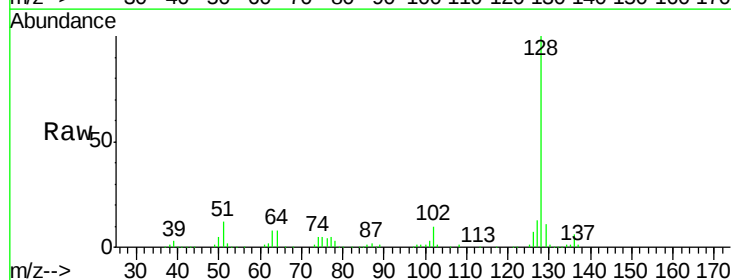
RT: 8.11 min Scan# 527

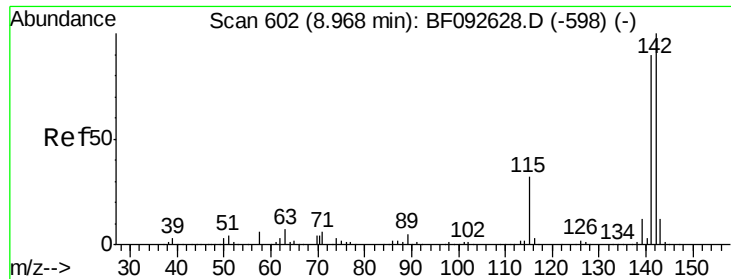
Delta R.T. -0.10 min

Lab File: BF093271.D

Acq: 1 Mar 2017 4:06

Tgt Ion:	127	Resp:	31988
Ion	Ratio	Lower	Upper
127	100		
129	86.0	26.3	39.5#
65	0.0	25.8	38.8#
92	0.0	16.1	24.1#

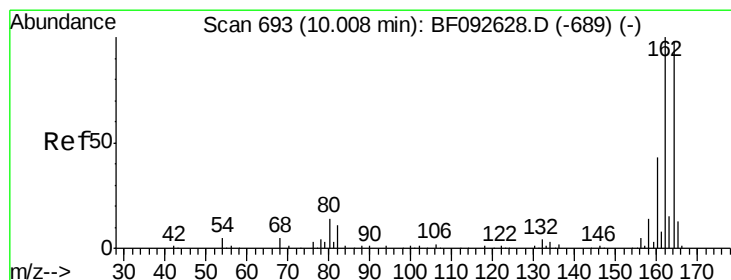
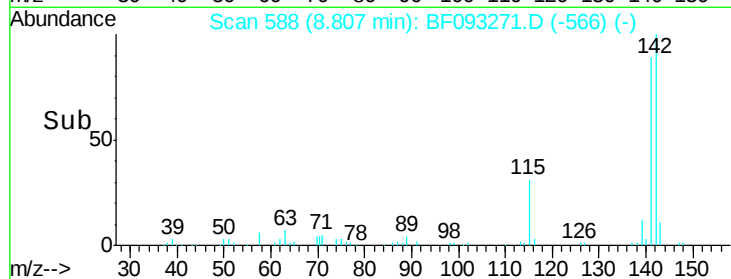
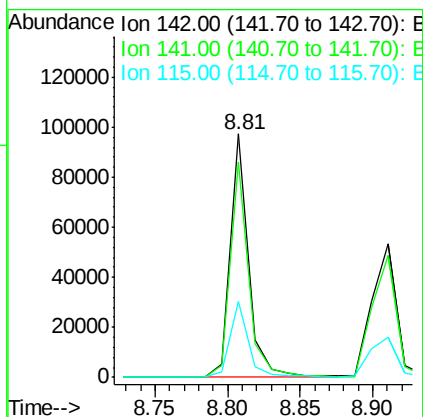
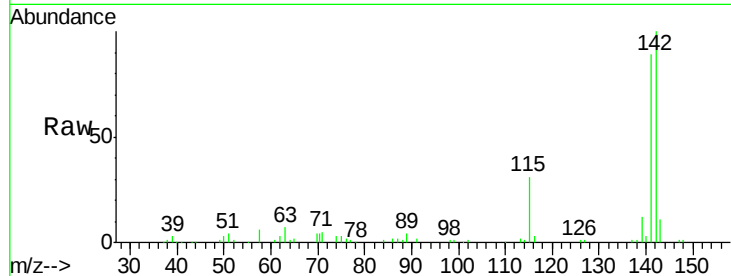




#37
 2-Methylnaphthalene
 Concen: 6.56 ng
 RT: 8.81 min Scan# 588
 Delta R.T. -0.05 min
 Lab File: BF093271.D
 Acq: 1 Mar 2017 4:06

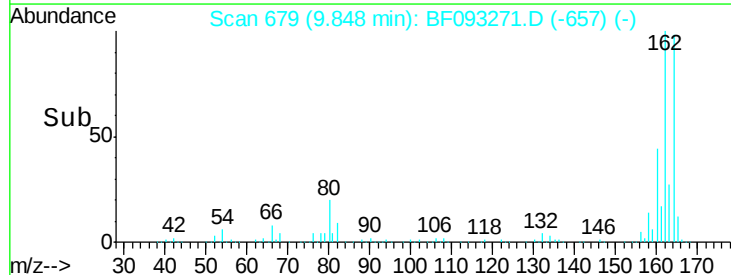
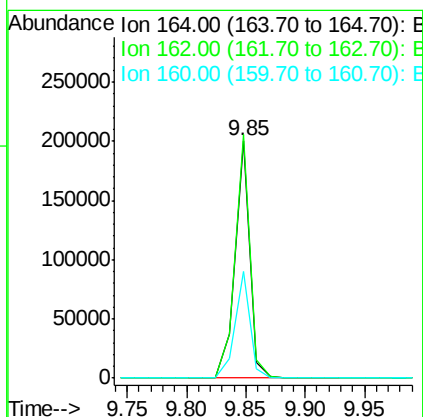
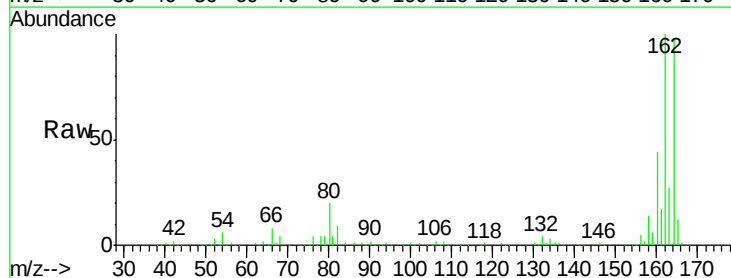
Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2-BASE-2DL

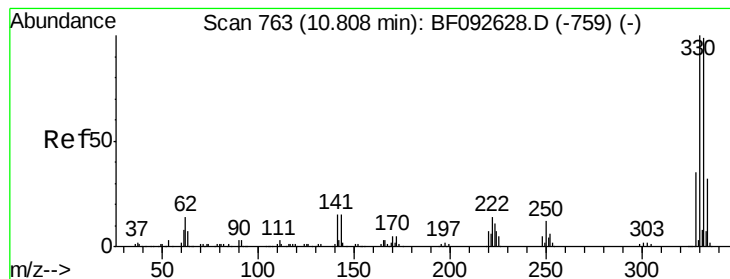
Tgt Ion:142 Resp: 85089
 Ion Ratio Lower Upper
 142 100
 141 88.5 71.0 106.6
 115 31.1 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF093271.D
 Acq: 1 Mar 2017 4:06

Tgt Ion:164 Resp: 173800
 Ion Ratio Lower Upper
 164 100
 162 102.5 80.2 120.2
 160 44.7 36.9 55.3

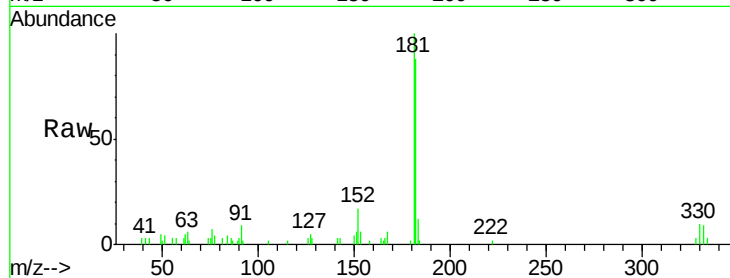




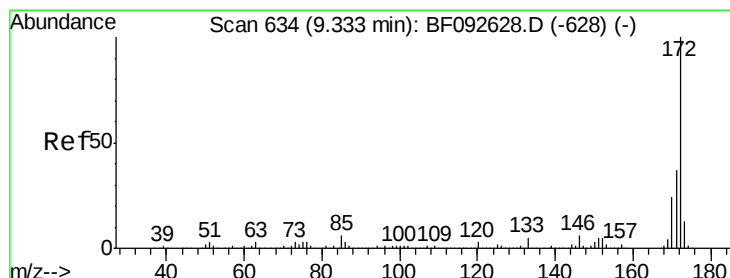
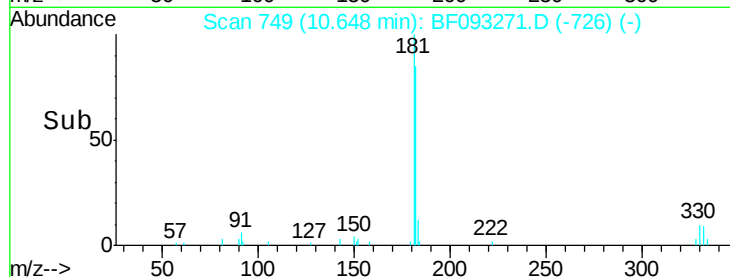
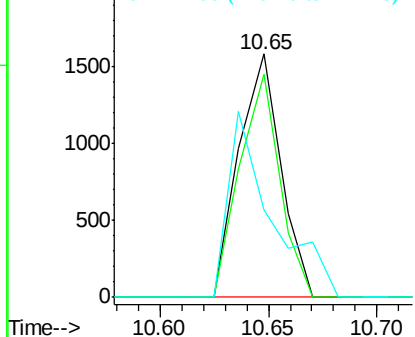
#41
 2,4,6-Tribromophenol
 Concen: 1.69 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF093271.D
 Acq: 1 Mar 2017 4:06

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2-BASE-2DL

Tgt Ion: 330 Resp: 2122
 Ion Ratio Lower Upper
 330 100
 332 87.6 77.4 116.2
 141 79.5 34.1 51.1#

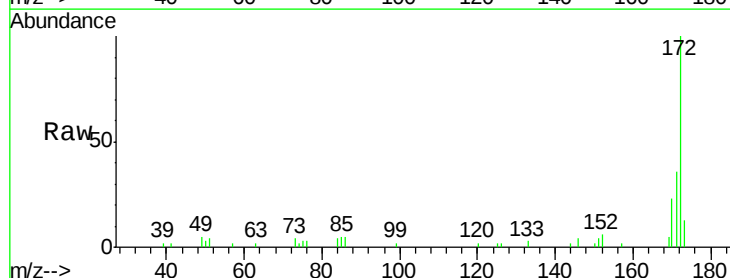


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

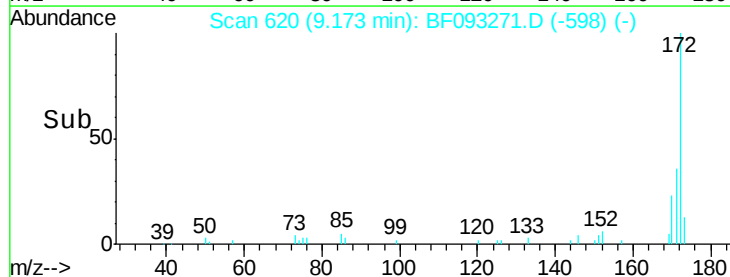
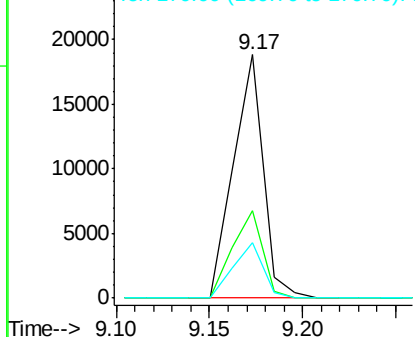


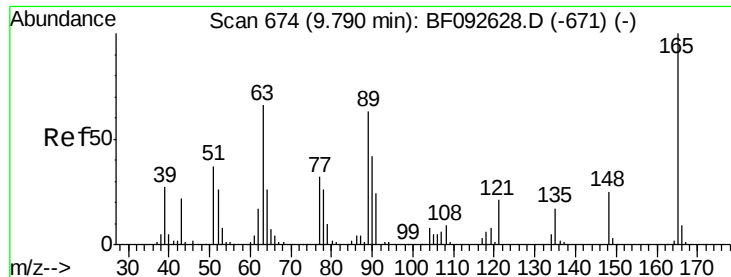
#44
 2-Fluorobiphenyl
 Concen: 2.20 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093271.D
 Acq: 1 Mar 2017 4:06

Tgt Ion: 172 Resp: 21120
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 23.0 20.2 30.4



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

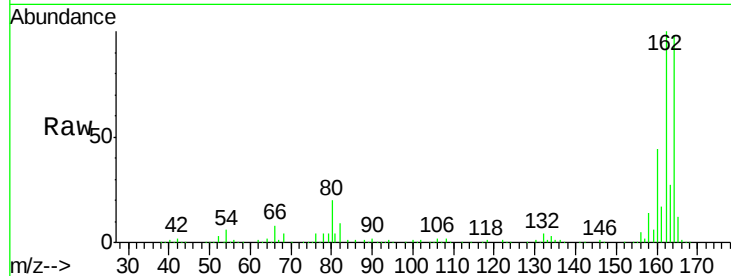




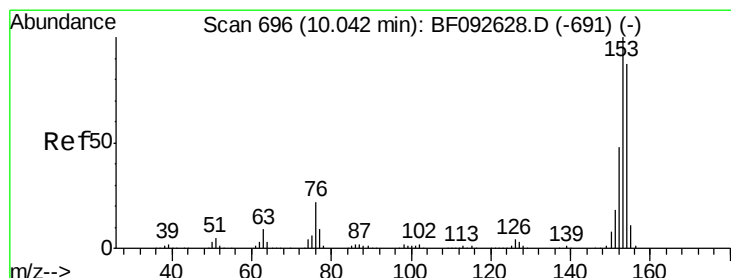
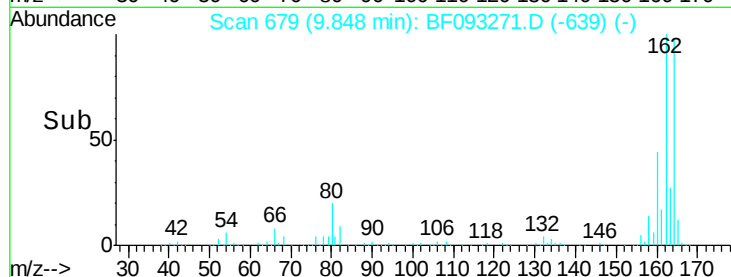
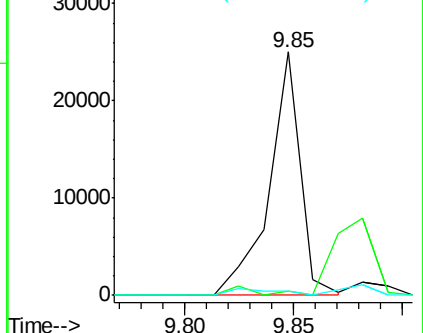
#50
 2,6-Dinitrotoluene
 Concen: 9.93 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.16 min
 Lab File: BF093271.D
 Acq: 1 Mar 2017 4:06

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2-BASE-2DL

Tgt Ion:165 Resp: 25110
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.2 54.4#
 89 1.7 40.2 60.4#

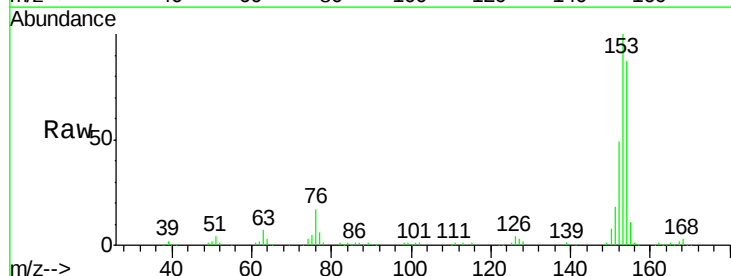


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

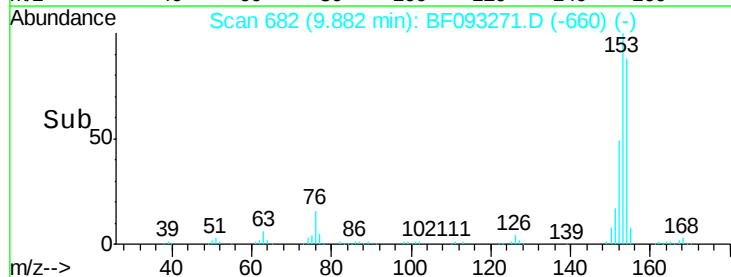
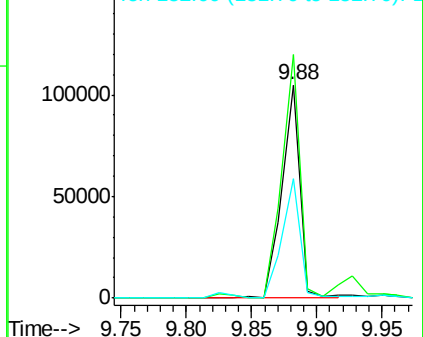


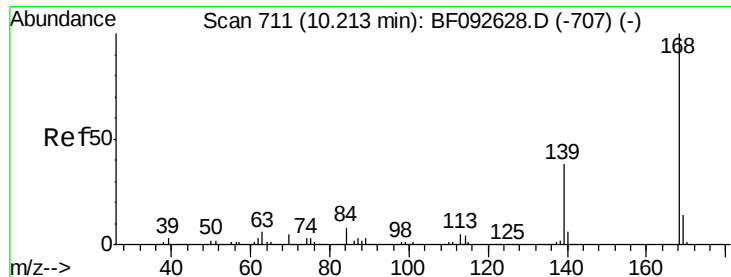
#51
 Acenaphthene
 Concen: 10.04 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF093271.D
 Acq: 1 Mar 2017 4:06

Tgt Ion:154 Resp: 102041
 Ion Ratio Lower Upper
 154 100
 153 114.4 88.6 133.0
 152 56.3 41.6 62.4



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

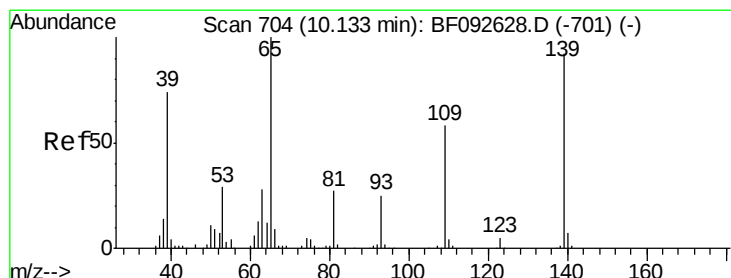
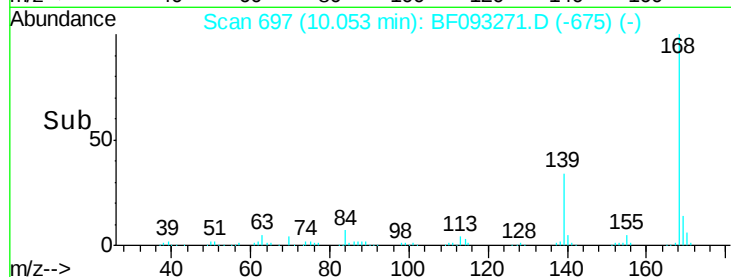
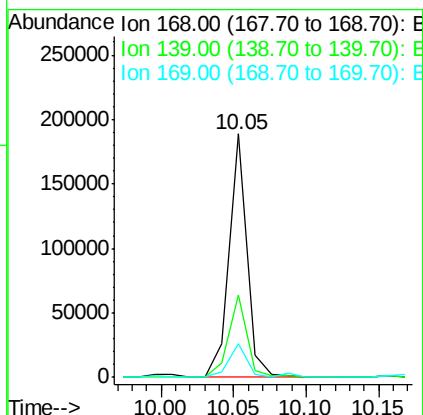
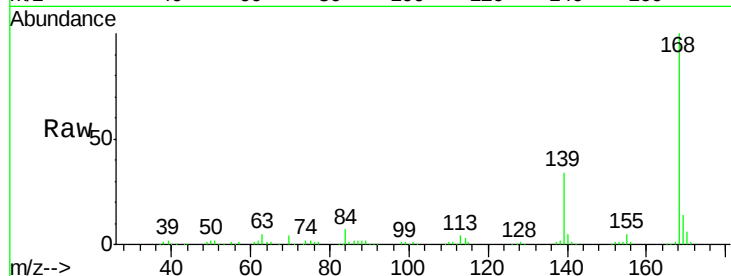




#54
Dibenzenofuran
Concen: 11.97 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF093271.D
Acq: 1 Mar 2017 4:06

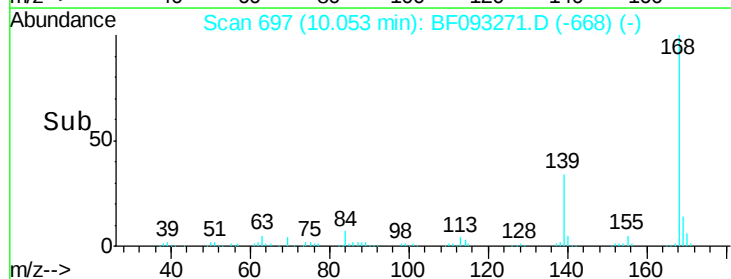
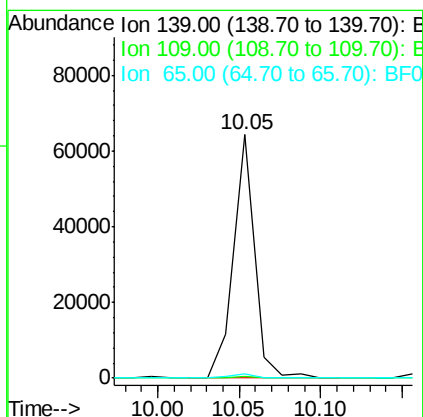
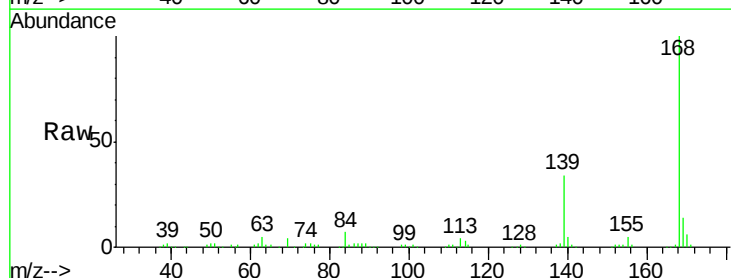
Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-2DL

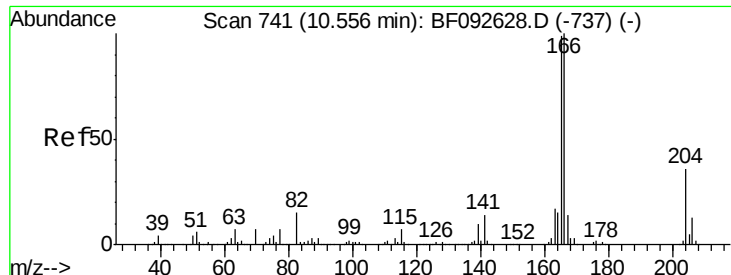
Tgt Ion:168 Resp: 162840
Ion Ratio Lower Upper
168 100
139 34.1 32.6 49.0
169 13.9 11.3 16.9



#55
4-Nitrophenol
Concen: 27.40 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.03 min
Lab File: BF093271.D
Acq: 1 Mar 2017 4:06

Tgt Ion:139 Resp: 57093
Ion Ratio Lower Upper
139 100
109 0.8 52.2 92.2#
65 1.7 85.8 125.8#

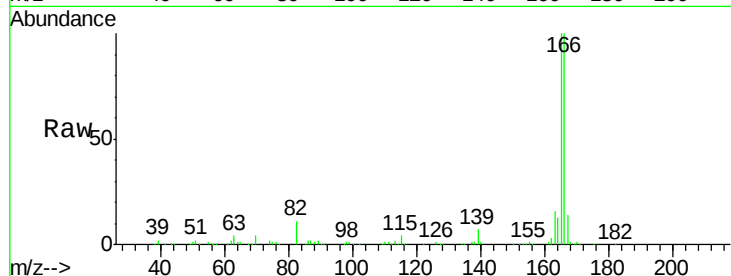




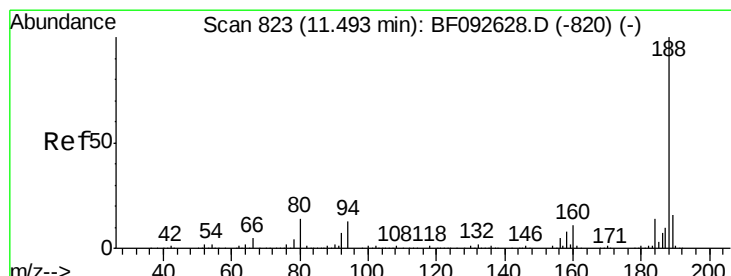
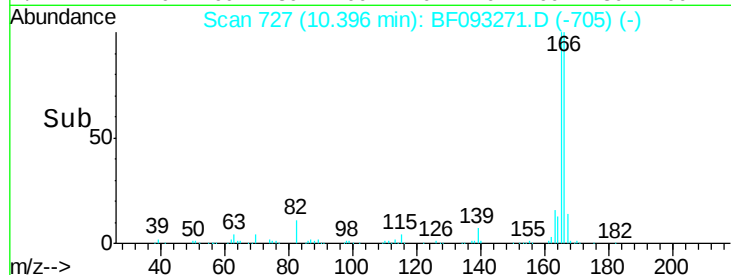
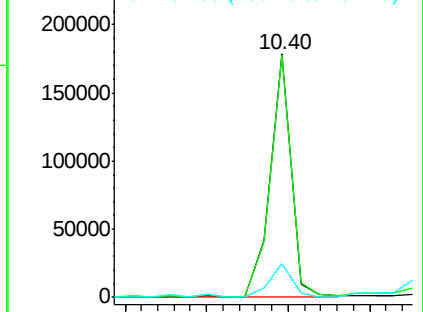
#57
Fluorene
 Concen: 15.09 ng
 RT: 10.40 min Scan# 727
 Delta R.T. -0.05 min
 Lab File: BF093271.D
 Acq: 1 Mar 2017 4:06

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2-BASE-2DL

Tgt Ion:166 Resp: 157917
 Ion Ratio Lower Upper
 166 100
 165 99.7 77.8 116.8
 167 14.0 10.8 16.2

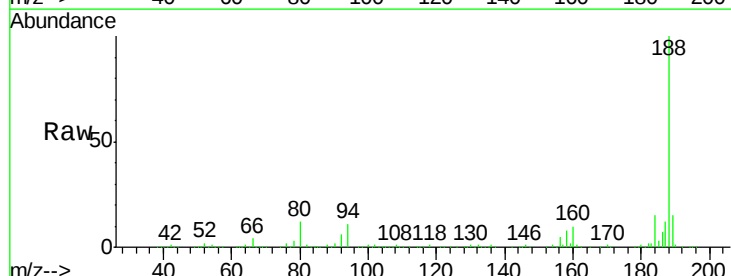


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

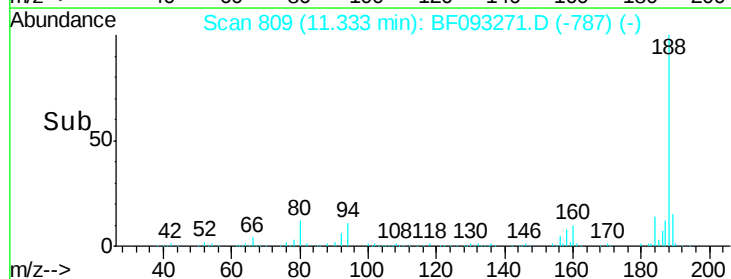
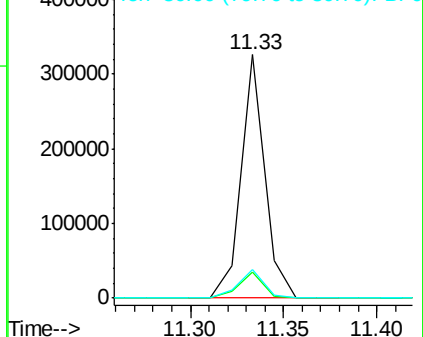


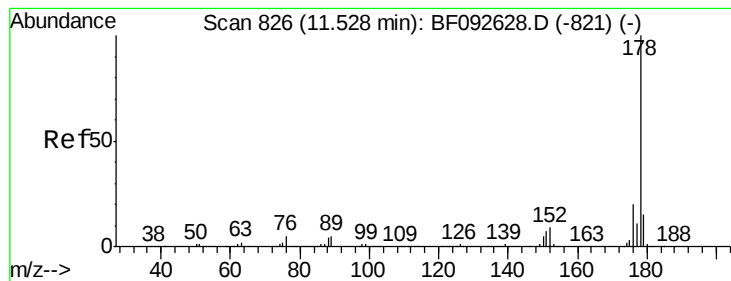
#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.05 min
 Lab File: BF093271.D
 Acq: 1 Mar 2017 4:06

Tgt Ion:188 Resp: 289810
 Ion Ratio Lower Upper
 188 100
 94 10.8 10.0 15.0
 80 11.9 11.2 16.8



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





#70

Phenanthrene

Concen: 77.13 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.05 min

Lab File: BF093271.D

Acq: 1 Mar 2017 4:06

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2-BASE-2DL

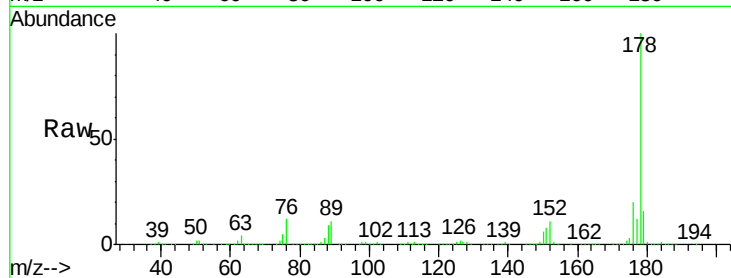
Tgt Ion:178 Resp: 1280583

Ion Ratio Lower Upper

178 100

176 19.8 16.6 25.0

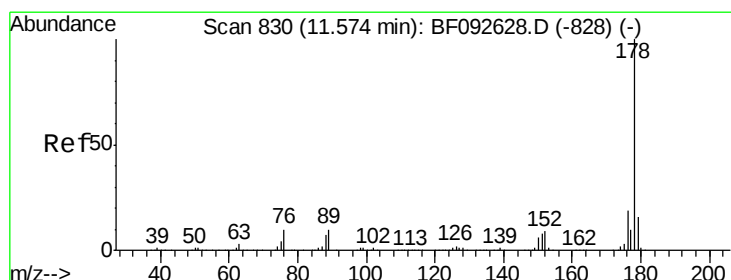
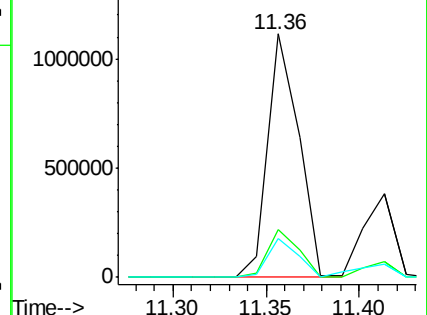
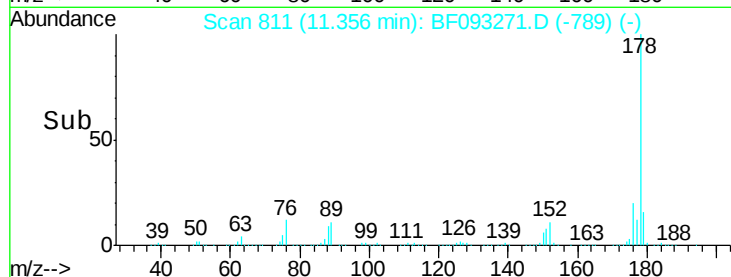
179 15.8 12.8 19.2



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



#71

Anthracene

Concen: 26.32 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.05 min

Lab File: BF093271.D

Acq: 1 Mar 2017 4:06

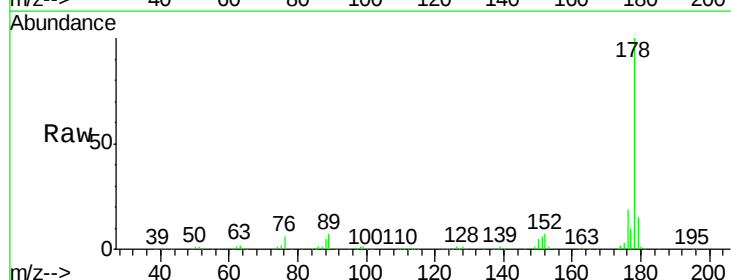
Tgt Ion:178 Resp: 438883

Ion Ratio Lower Upper

178 100

176 18.8 15.9 23.9

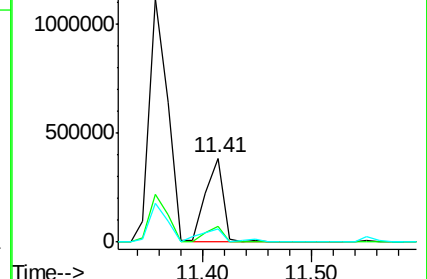
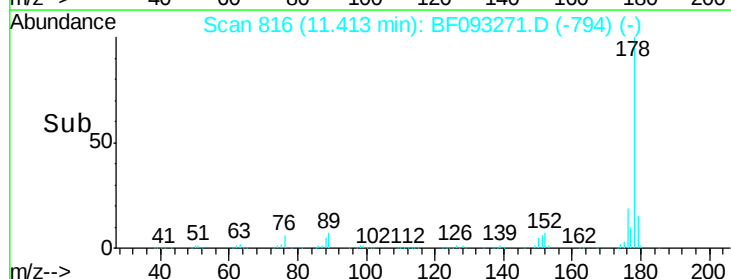
179 15.1 13.2 19.8

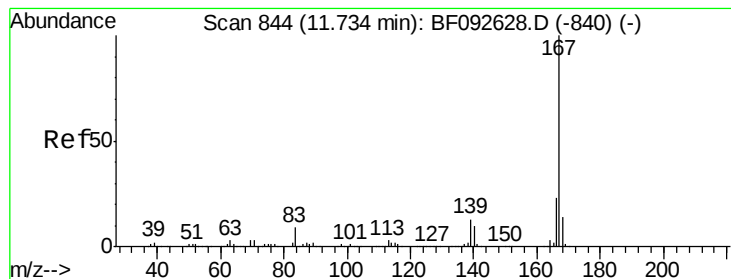


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 8.07 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF093271.D

Acq: 1 Mar 2017 4:06

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2-BASE-2DL

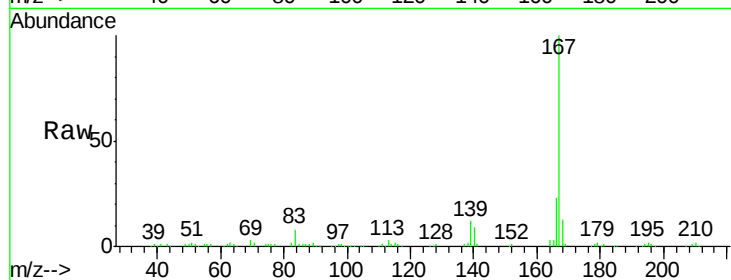
Tgt Ion:167 Resp: 128684

Ion Ratio Lower Upper

167 100

166 22.6 18.2 27.2

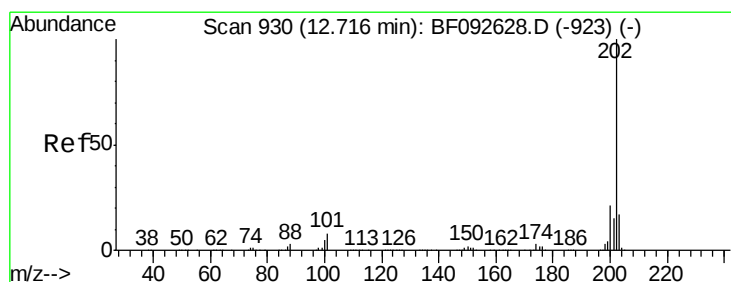
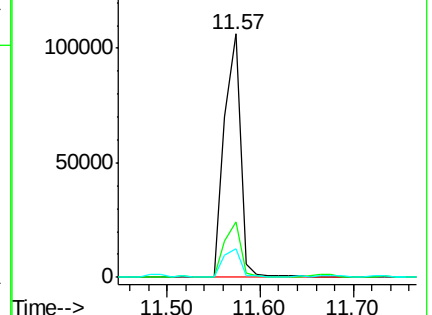
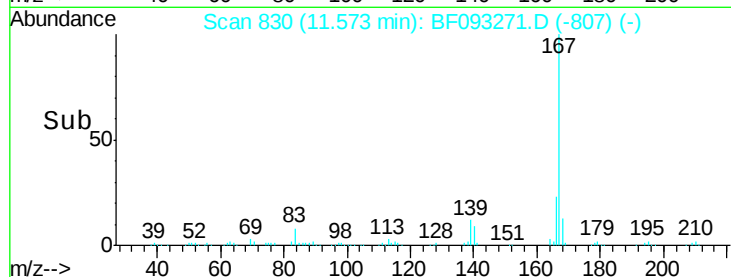
139 11.7 11.4 17.2



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: 71.82 ng

RT: 12.55 min Scan# 915

Delta R.T. -0.05 min

Lab File: BF093271.D

Acq: 1 Mar 2017 4:06

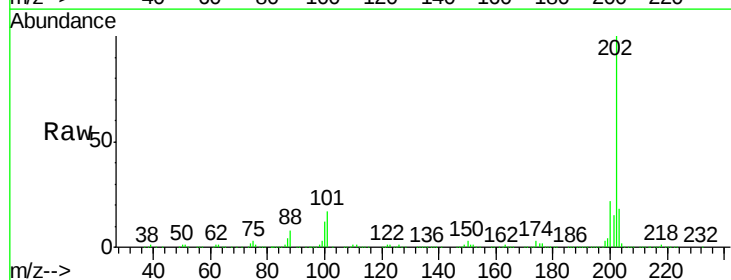
Tgt Ion:202 Resp: 1230018

Ion Ratio Lower Upper

202 100

101 16.7 0.0 34.6

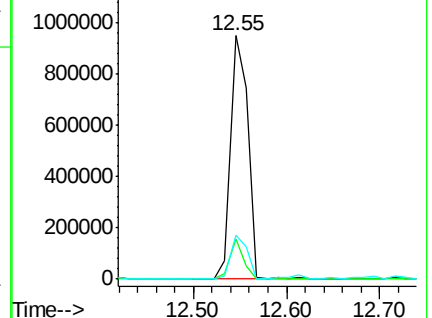
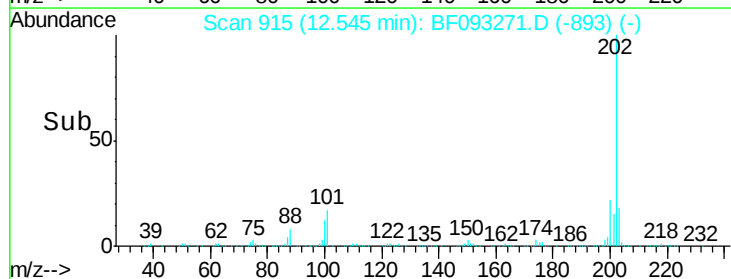
203 18.0 0.0 38.7

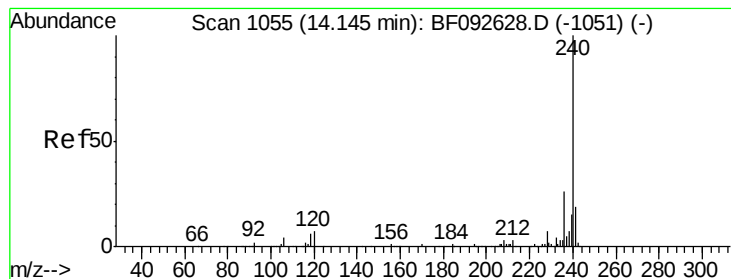


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF093271.D

Acq: 1 Mar 2017 4:06

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2-BASE-2DL

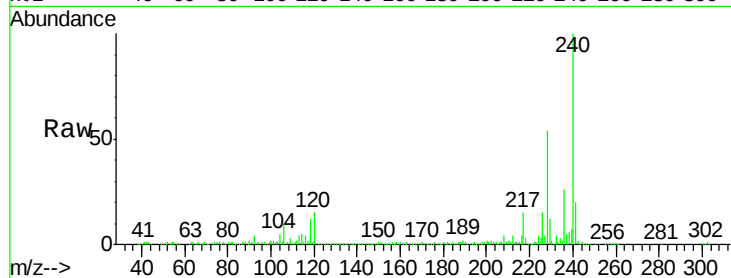
Tgt Ion:240 Resp: 275693

Ion Ratio Lower Upper

240 100

120 14.8 12.9 19.3

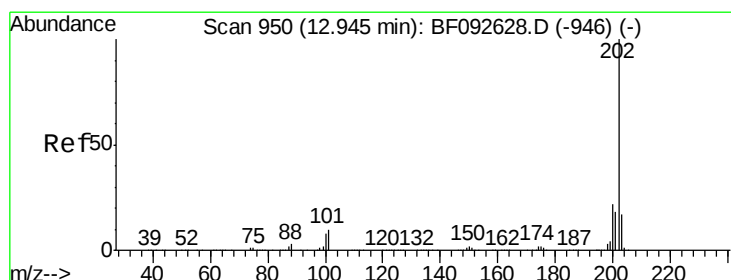
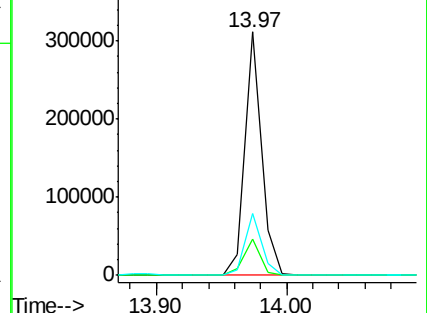
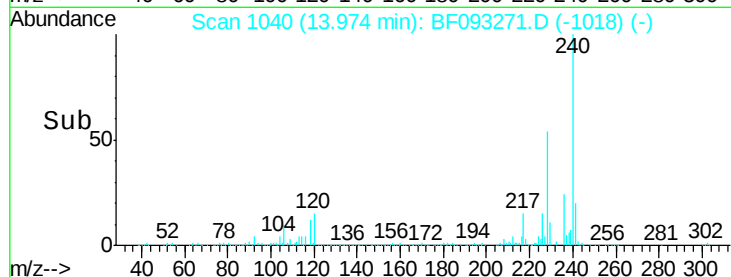
236 25.7 20.9 31.3



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: 48.18 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF093271.D

Acq: 1 Mar 2017 4:06

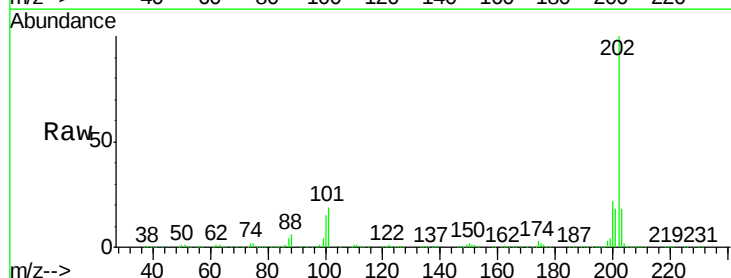
Tgt Ion:202 Resp: 994072

Ion Ratio Lower Upper

202 100

200 21.7 17.7 26.5

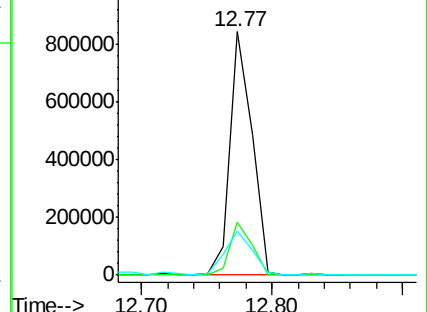
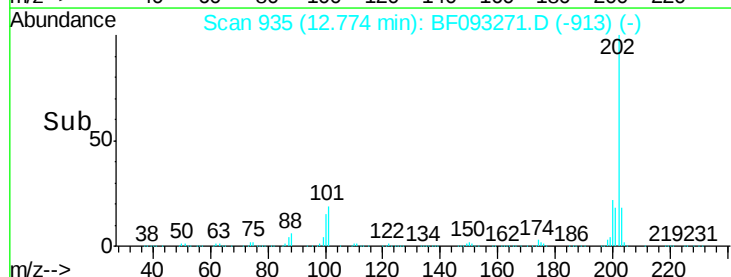
203 18.2 14.7 22.1

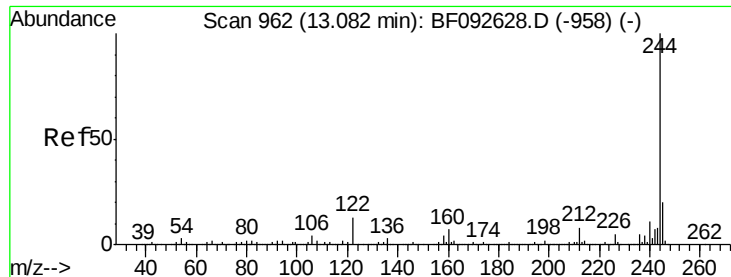


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

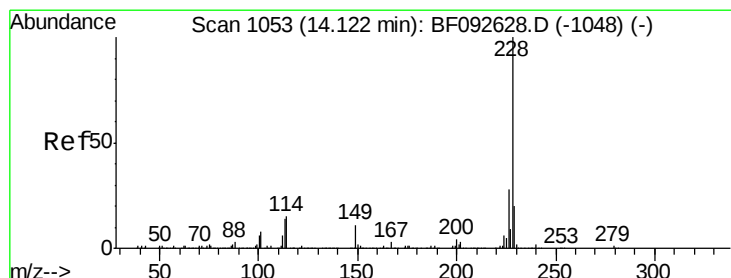
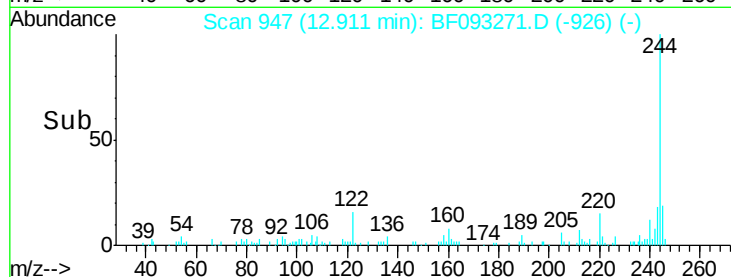
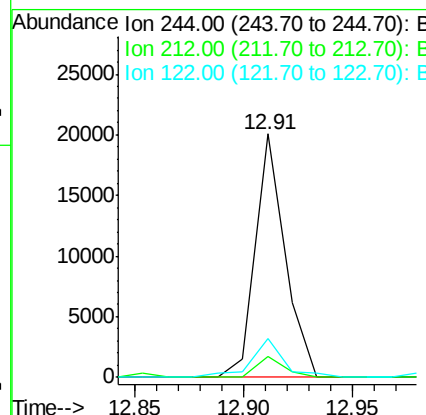
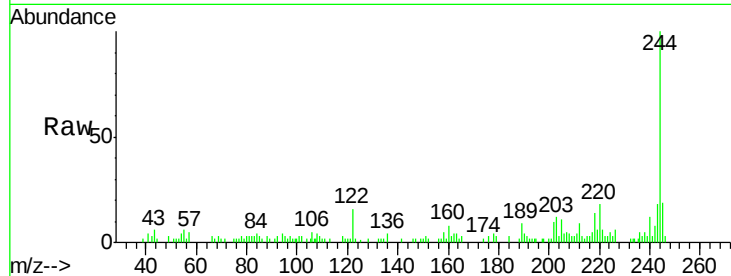




#78
 Terphenyl-d14
 Concen: 1.62 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.06 min
 Lab File: BF093271.D
 Acq: 1 Mar 2017 4:06

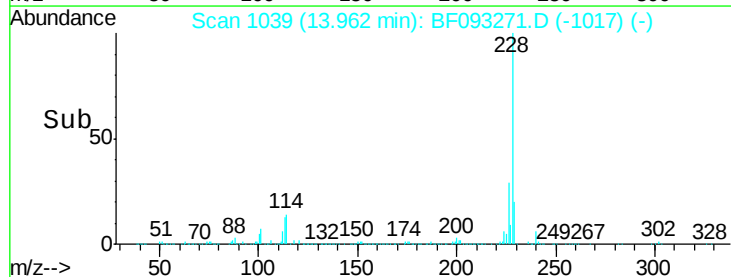
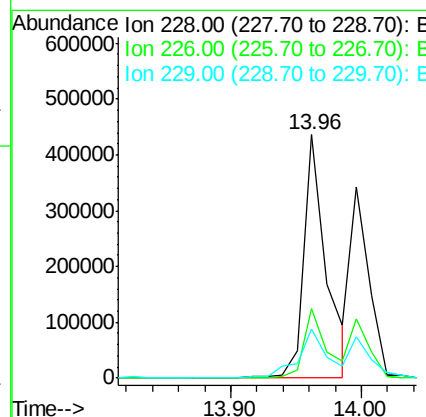
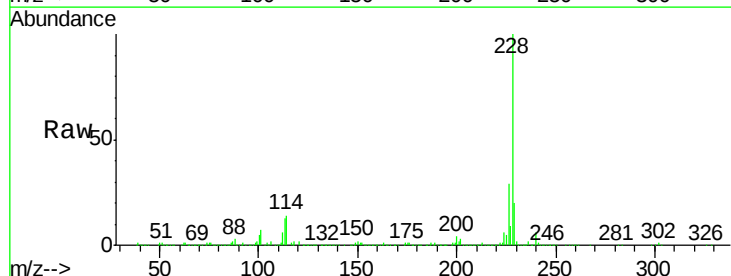
Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-B2-BASE-2DL

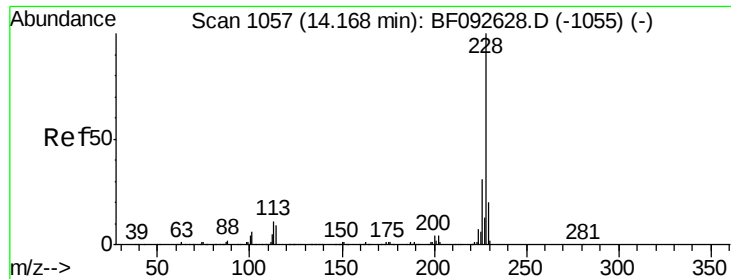
Tgt Ion:244 Resp: 19051
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.2 9.2
 122 15.9 11.4 17.2



#80
 Benzo(a)anthracene
 Concen: 30.70 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.05 min
 Lab File: BF093271.D
 Acq: 1 Mar 2017 4:06

Tgt Ion:228 Resp: 517638
 Ion Ratio Lower Upper
 228 100
 226 28.8 22.4 33.6
 229 20.4 16.2 24.4





#82

Chrysene

Concen: 21.62 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.05 min

Lab File: BF093271.D

Acq: 1 Mar 2017 4:06

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2-BASE-2DL

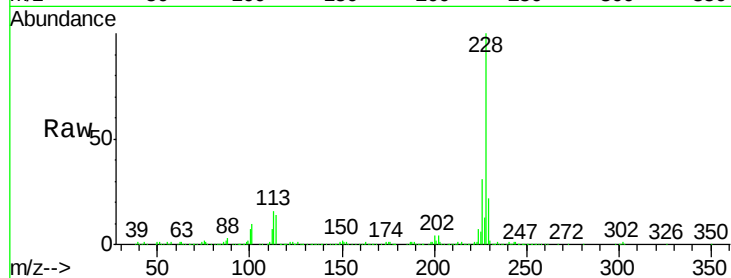
Tgt Ion:228 Resp: 341328

Ion Ratio Lower Upper

228 100

226 31.1 25.4 38.0

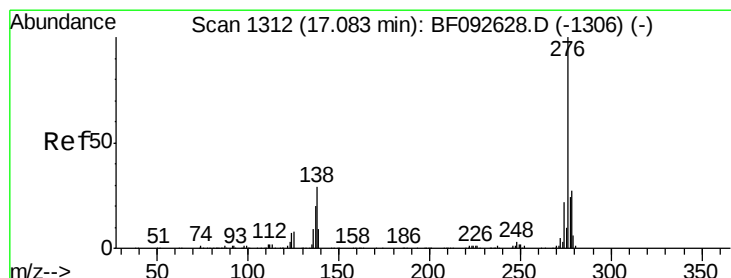
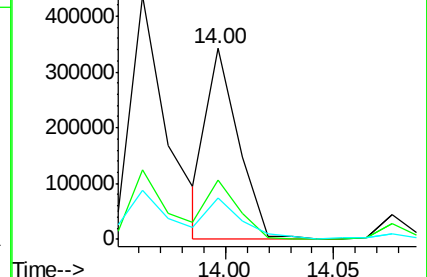
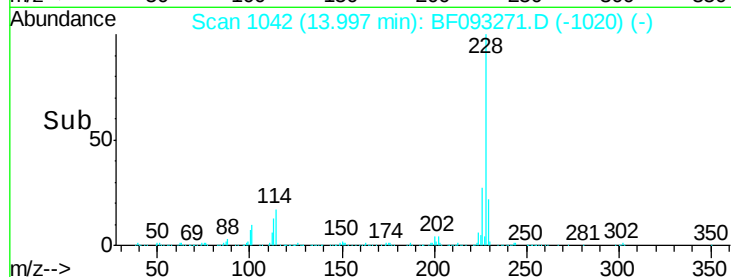
229 21.8 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 10.00 ng

RT: 16.79 min Scan# 1286

Delta R.T. -0.07 min

Lab File: BF093271.D

Acq: 1 Mar 2017 4:06

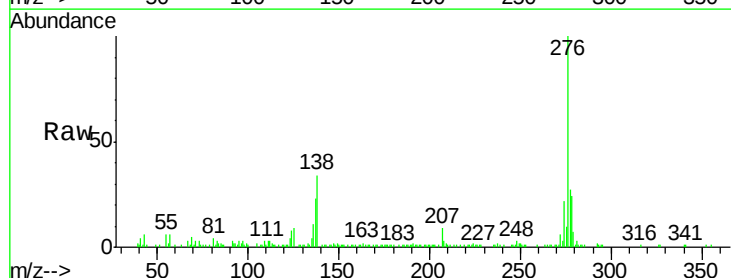
Tgt Ion:276 Resp: 122323

Ion Ratio Lower Upper

276 100

138 28.1 21.8 32.6

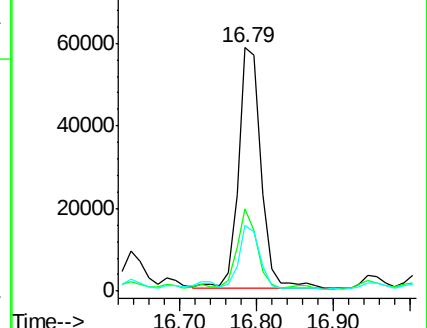
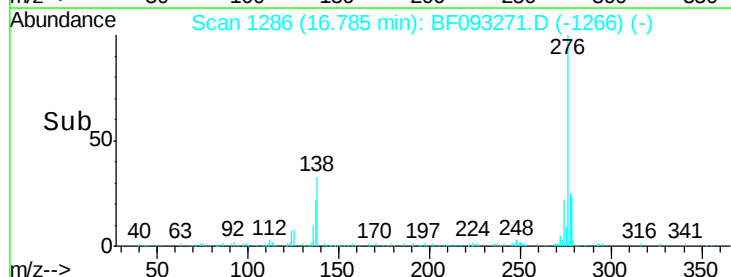
277 24.5 20.2 30.4

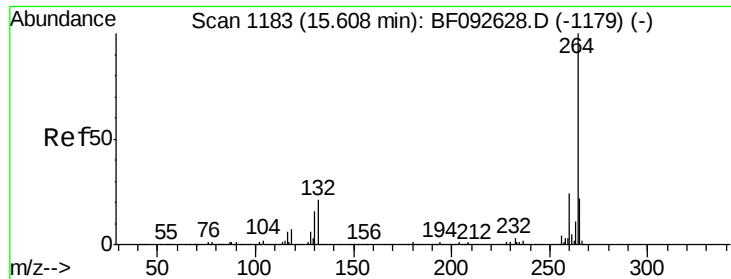


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

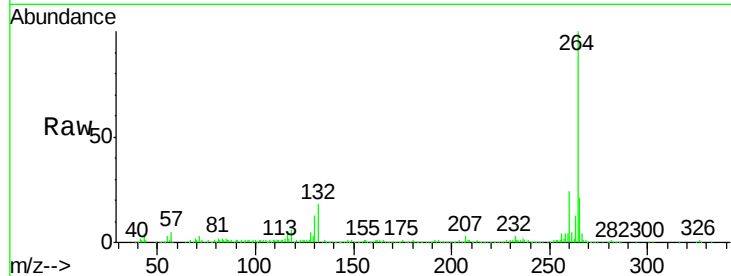




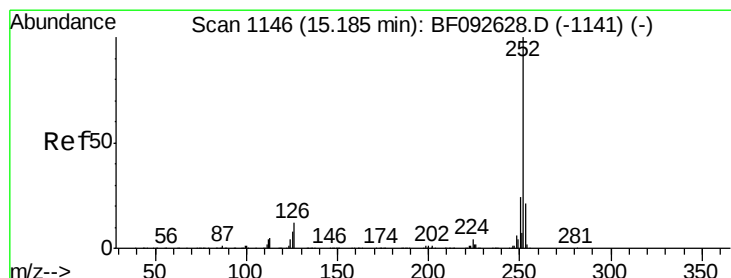
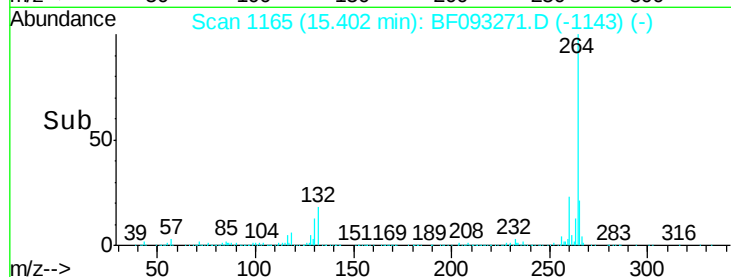
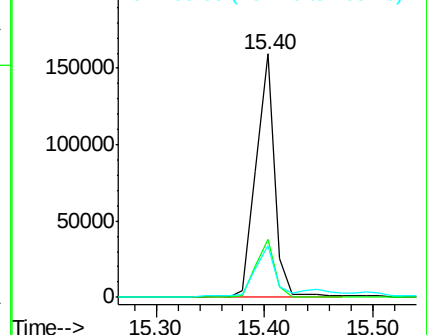
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF093271.D
Acq: 1 Mar 2017 4:06

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-2DL

Tgt Ion:264 Resp: 192661
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.4 17.4 26.0

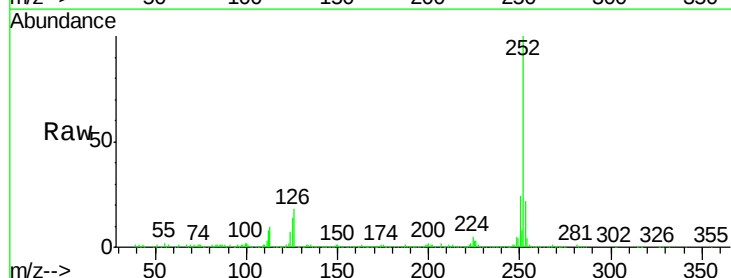


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

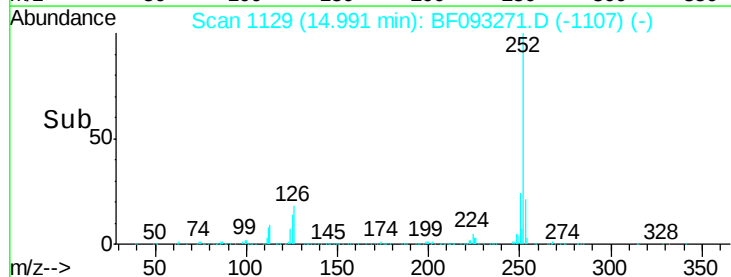
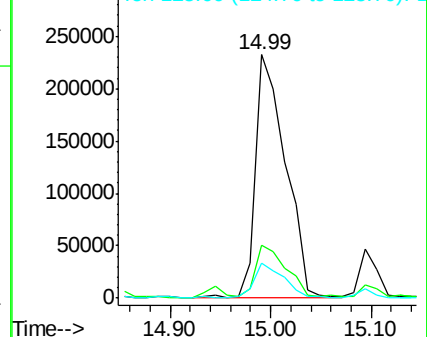


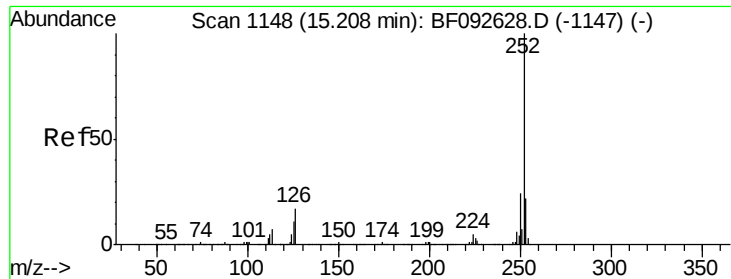
#87
Benzo(b)fluoranthene
Concen: 37.63 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.05 min
Lab File: BF093271.D
Acq: 1 Mar 2017 4:06

Tgt Ion:252 Resp: 477177
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.4
125 14.3 9.8 14.6



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: 43.58 ng

RT: 14.99 min Scan# 1129

Delta R.T. -0.08 min

Lab File: BF093271.D

Acq: 1 Mar 2017 4:06

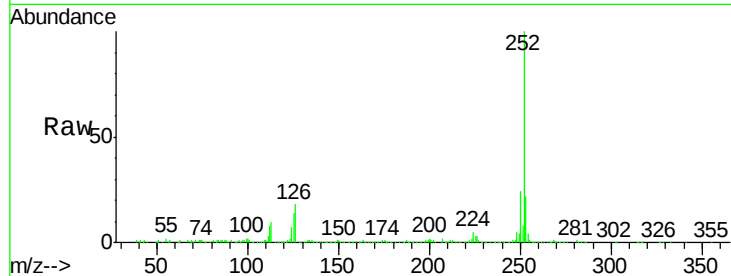
Instrument :

BNA_F

ClientSampleId :

E2-B1-B2-BASE-2DL

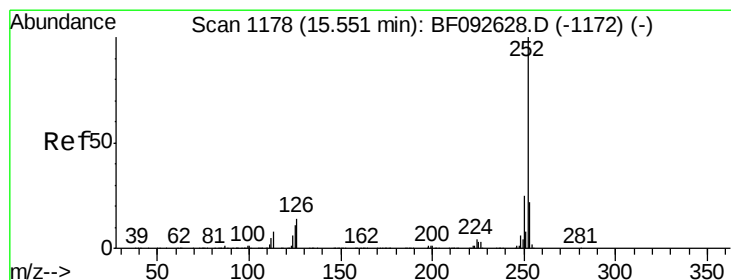
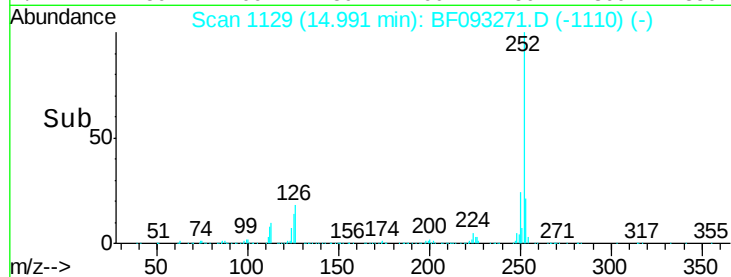
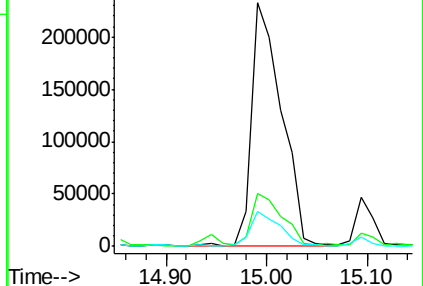
Tgt Ion:	252	Resp:	477177
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.5	27.7
125	14.3	8.9	13.3#



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



#89

Benzo(a)pyrene

Concen: 22.20 ng

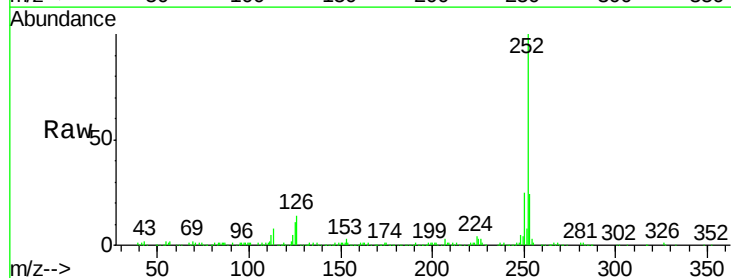
RT: 15.35 min Scan# 1160

Delta R.T. -0.05 min

Lab File: BF093271.D

Acq: 1 Mar 2017 4:06

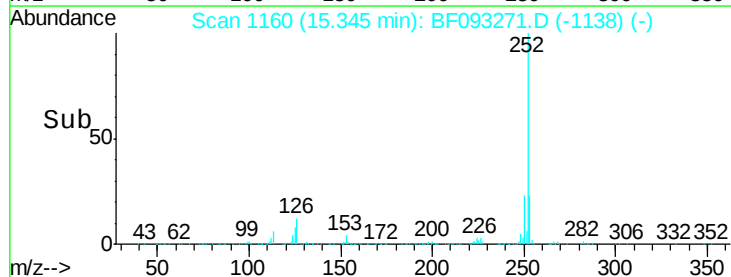
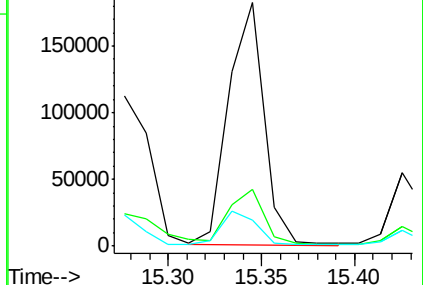
Tgt Ion:	252	Resp:	243502
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.2	27.2
125	10.8	10.0	15.0

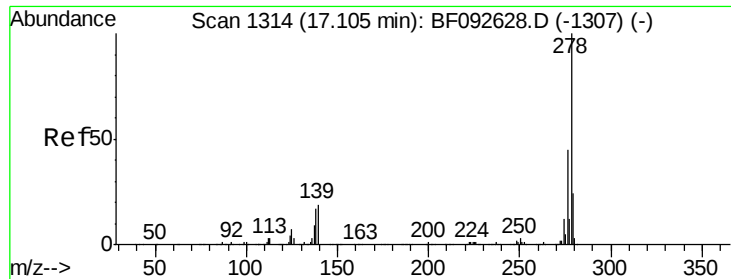


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 3.43 ng

RT: 16.79 min Scan# 1286

Delta R.T. -0.08 min

Lab File: BF093271.D

Acq: 1 Mar 2017 4:06

Instrument :

BNA_F

ClientSampleId :

E2-B1-B2-BASE-2DL

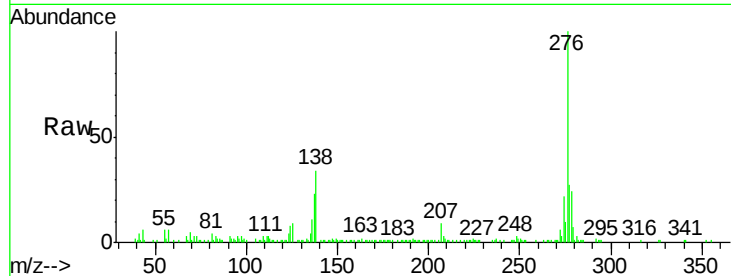
Tgt Ion:278 Resp: 30390

Ion Ratio Lower Upper

278 100

139 0.0 14.8 22.2#

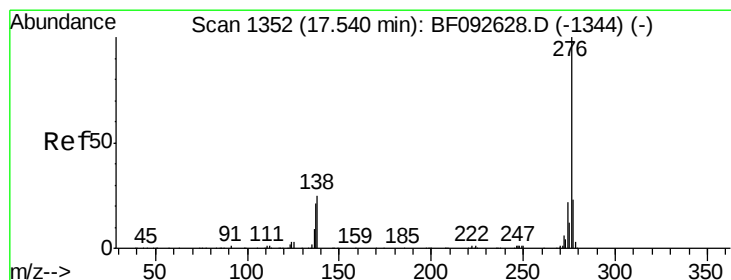
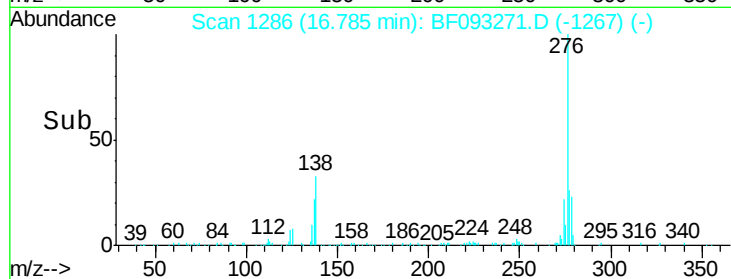
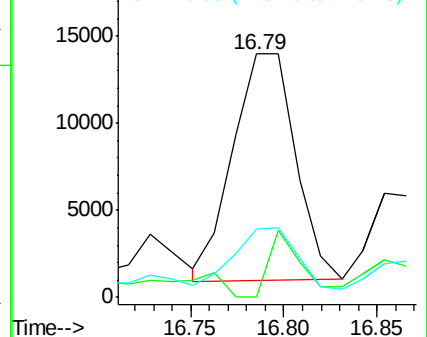
279 28.0 19.8 29.6



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: 11.70 ng

RT: 17.21 min Scan# 1323

Delta R.T. -0.08 min

Lab File: BF093271.D

Acq: 1 Mar 2017 4:06

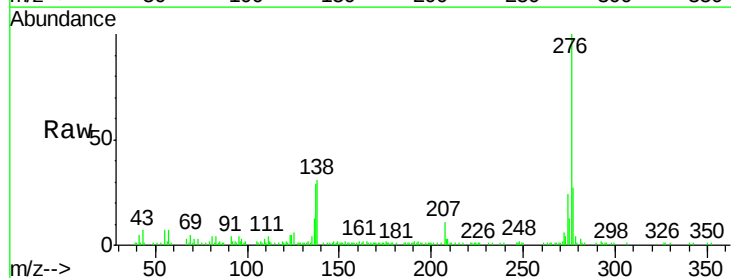
Tgt Ion:276 Resp: 104791

Ion Ratio Lower Upper

276 100

277 26.6 19.2 28.8

138 30.8 16.0 24.0#



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

