

Data File : BF093224.D
Acq On : 28 Feb 2017 00:19
Operator : SJ/MA
Sample : I1996-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-AA5-SWW

Quant Time: Feb 28 00:48:02 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	6.82	152	171235	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	657502	20.00	ng	-0.05
38) Acenaphthene-d10	9.86	164	296338	20.00	ng	-0.03
63) Phenanthrene-d10	11.34	188	471564	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	336064	20.00	ng	-0.03
86) Perylene-d12	15.41	264	298284	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1155650	115.79	ng	-0.02
7) Phenol-d6	6.48	99	1643787	128.00	ng	-0.01
23) Nitrobenzene-d5	7.39	82	1064212	90.13	ng	-0.03
41) 2,4,6-Tribromophenol	10.65	330	227005	105.91	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	1498629	91.62	ng	-0.03
78) Terphenyl-d14	12.93	244	988164	69.09	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	142963	17.49	ng	# 76
25) Isophorone	7.39	82	1024233	46.55	ng	# 65
32) Benzoic acid	7.92	122	492	7.24	ng	# 78
49) Dimethylphthalate	9.57	163	527937	26.45	ng	99
55) 4-Nitrophenol	10.06	139	8454	2.38	ng	# 11
56) 2,4-Dinitrotoluene	9.86	165	38328	6.68	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.65	198	527	2.84	ng	# 1
66) 4-Bromophenyl-phenylether	10.65	248	16900	3.43	ng	# 1
70) Phenanthrene	11.37	178	513531	19.01	ng	98
71) Anthracene	11.41	178	141385	5.21	ng	97
72) Carbazole	11.57	167	54016	2.08	ng	100
74) Fluoranthene	12.56	202	838161	30.08	ng	98
77) Pyrene	12.78	202	800095	31.81	ng	99
80) Benzo(a)anthracene	13.97	228	474016	23.06	ng	95
82) Chrysene	14.01	228	299509	15.56	ng	97
83) Bis(2-ethylhexyl)phthalate	13.96	149	88788	6.36	ng	# 97
85) Indeno(1,2,3-cd)pyrene	16.81	276	218558	14.66	ng	97
87) Benzo(b)fluoranthene	15.00	252	648220	33.02	ng	# 97
88) Benzo(k)fluoranthene	15.00	252	648220	38.24	ng	# 95
89) Benzo(a)pyrene	15.36	252	365141	21.50	ng	100
90) Dibenzo(a,h)anthracene	17.03	278	29086	2.12	ng	97
91) Benzo(g,h,i)perylene	17.23	276	200045	14.43	ng	# 92

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

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ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA_F

Client Sampled :

E2-AA5-SWW

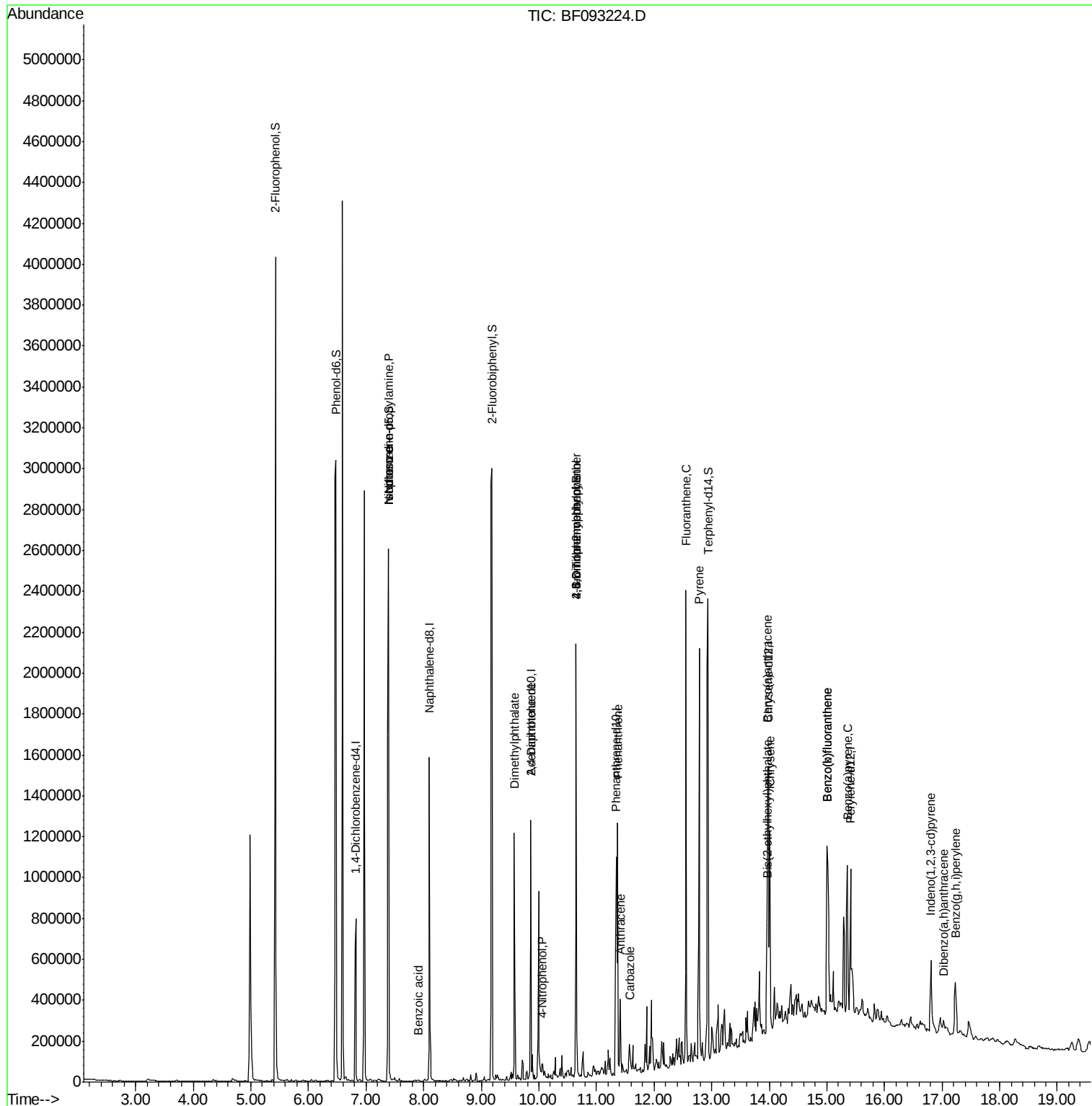
Quant Time: Feb 28 00:48:02 2017

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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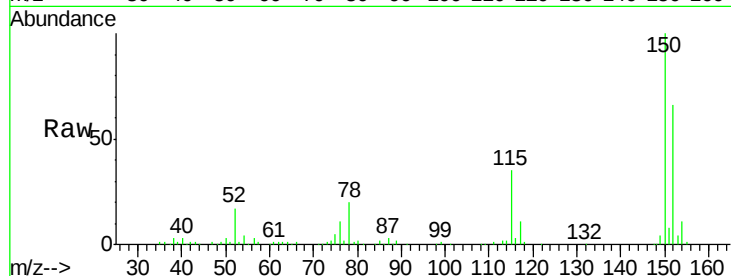


#1

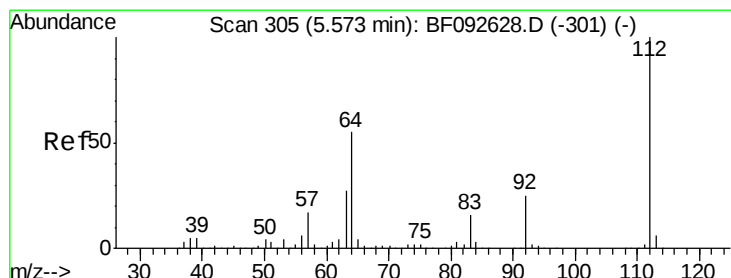
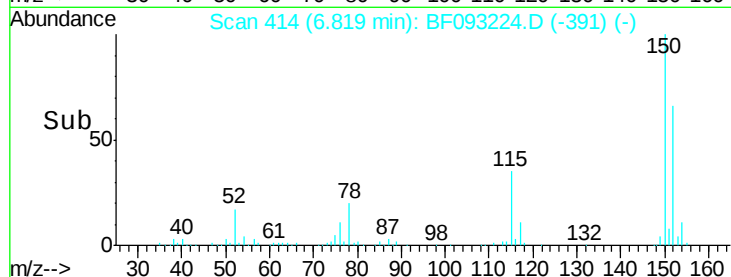
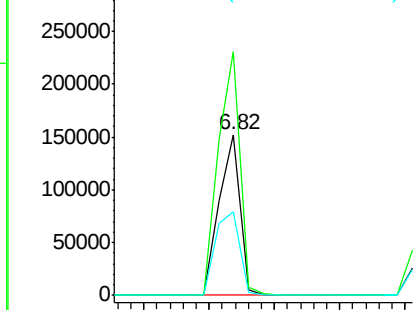
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.03 min
Lab File: BF093224.D
Acq: 28 Feb 2017 00:19

Instrument :
BNA_F
ClientSampleId :
E2-AA5-SWW

Tgt Ion:152 Resp: 171235
Ion Ratio Lower Upper
152 100
150 151.8 124.9 187.3
115 52.5 46.0 69.0



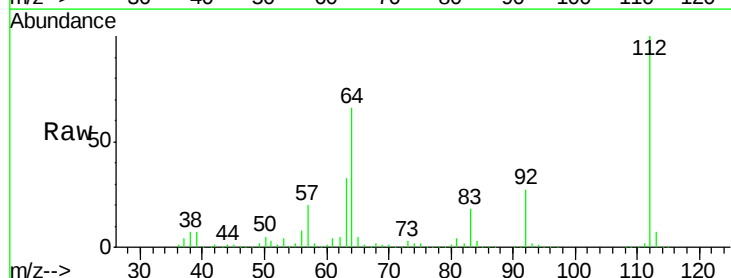
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



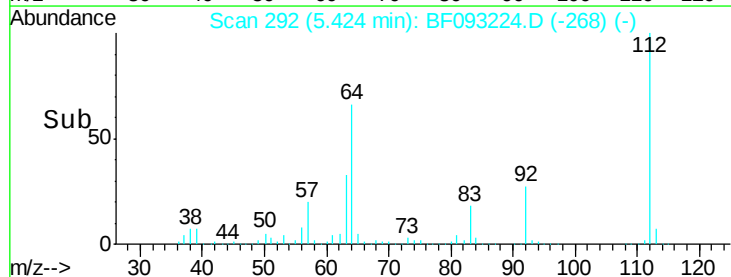
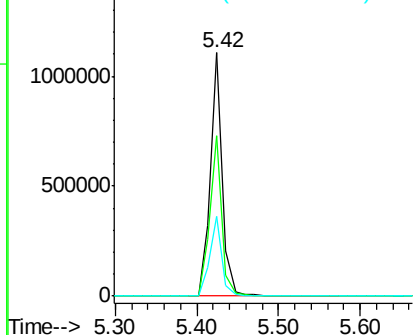
#5

2-Fluorophenol
Concen: 115.79 ng
RT: 5.42 min Scan# 292
Delta R.T. -0.02 min
Lab File: BF093224.D
Acq: 28 Feb 2017 00:19

Tgt Ion:112 Resp: 1155650
Ion Ratio Lower Upper
112 100
64 65.8 46.1 69.1
63 32.8 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: 128.00 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093224.D

Acq: 28 Feb 2017 00:19

Instrument :

BNA_F

ClientSampleId :

E2-AA5-SWW

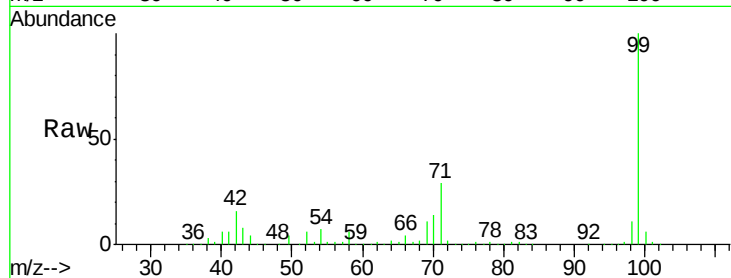
Tgt Ion: 99 Resp: 1643787

Ion Ratio Lower Upper

99 100

42 15.6 15.6 23.4

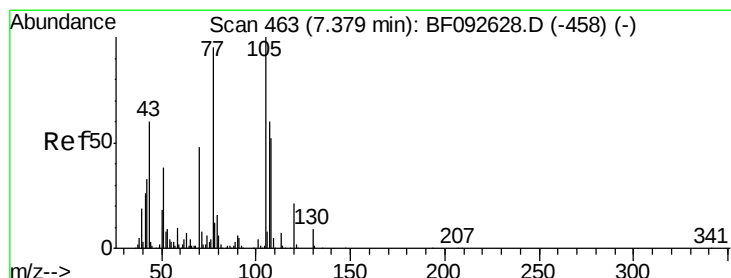
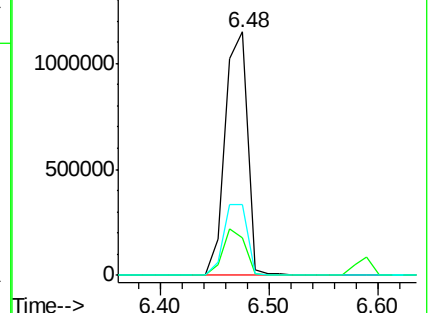
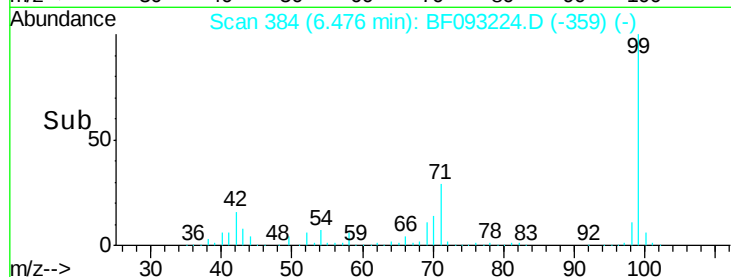
71 28.9 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.49 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.11 min

Lab File: BF093224.D

Acq: 28 Feb 2017 00:19

Tgt Ion: 70 Resp: 142963

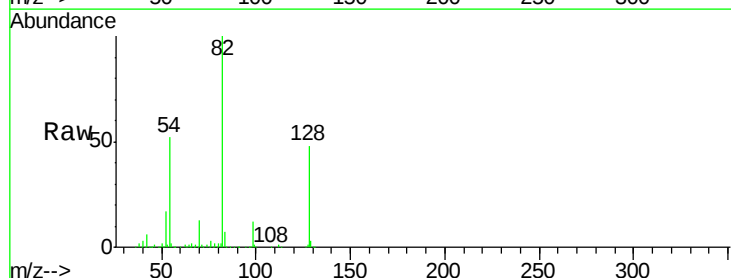
Ion Ratio Lower Upper

70 100

42 45.8 49.4 74.0#

101 0.0 7.4 11.2#

130 2.5 14.2 21.4#

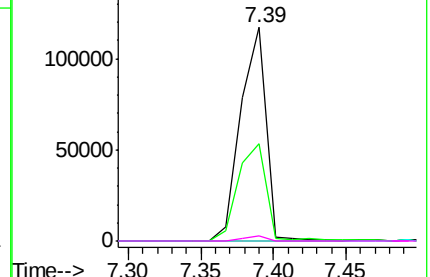
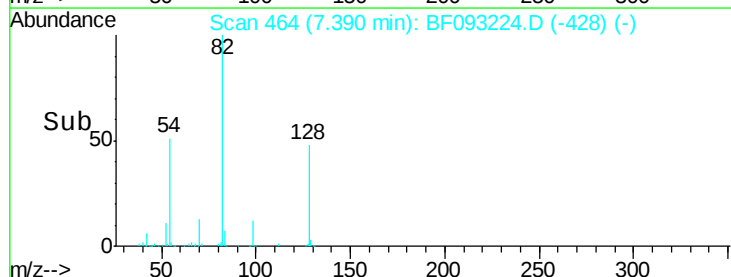


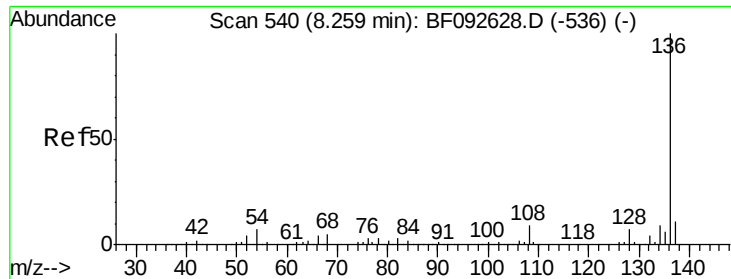
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

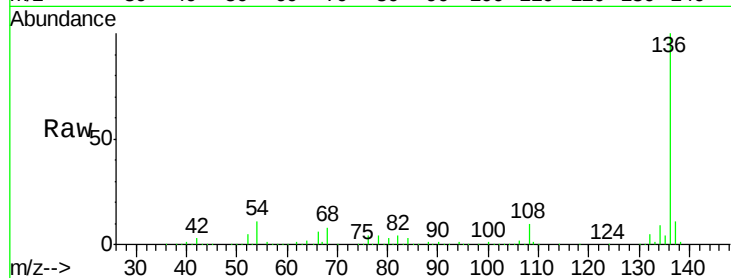




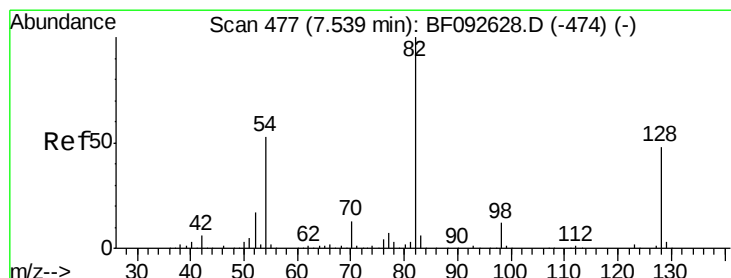
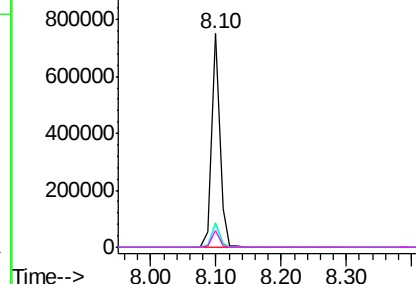
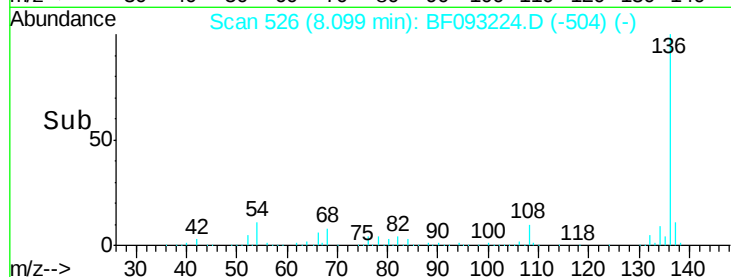
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093224.D
Acq: 28 Feb 2017 00:19

Instrument :
BNA_F
ClientSampleId :
E2-AA5-SWW

Tgt Ion: 136 Resp: 657502
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 11.0 4.5 6.7#
68 7.8 3.6 5.4#

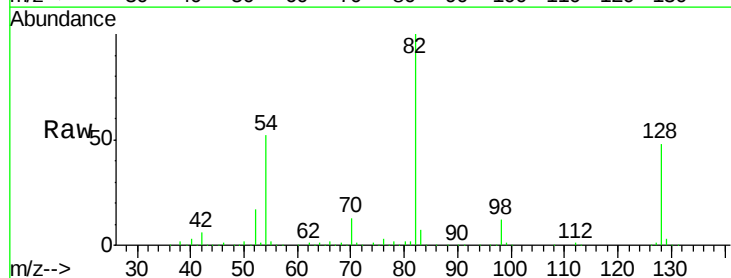


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

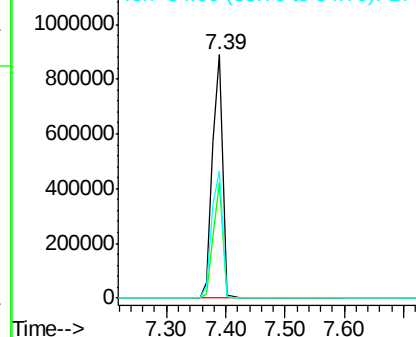
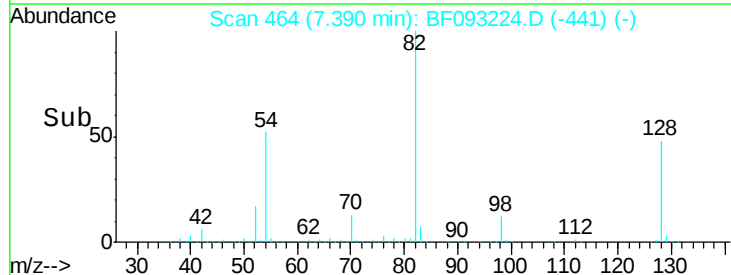


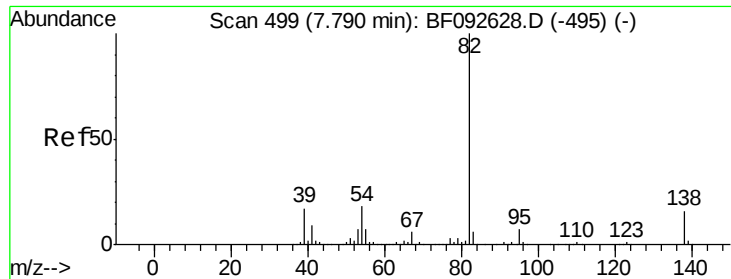
#23
Nitrobenzene-d5
Concen: 90.13 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.03 min
Lab File: BF093224.D
Acq: 28 Feb 2017 00:19

Tgt Ion: 82 Resp: 1064212
Ion Ratio Lower Upper
82 100
128 47.7 34.6 52.0
54 52.5 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





#25

Isophorone

Concen: 46.55 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.30 min

Lab File: BF093224.D

Acq: 28 Feb 2017 00:19

Instrument :

BNA_F

ClientSampleId :

E2-AA5-SWW

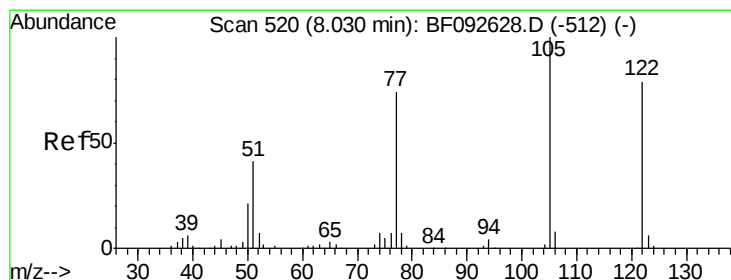
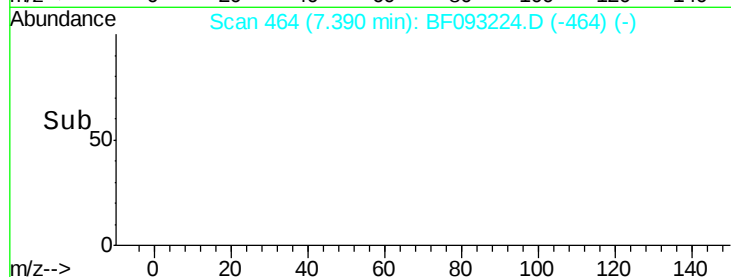
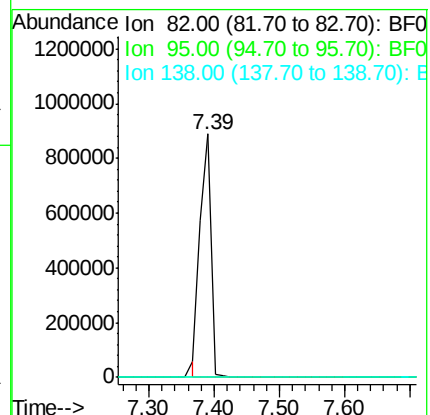
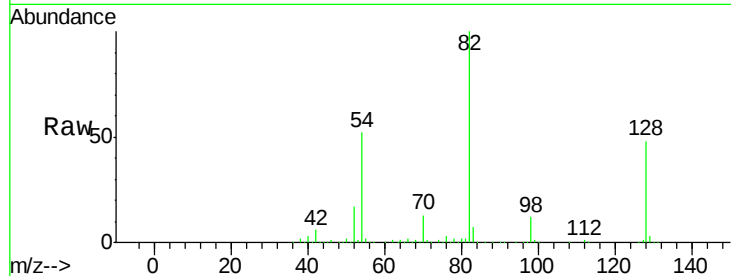
Tgt Ion: 82 Resp: 1024233

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#32

Benzoic acid

Concen: 7.24 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF093224.D

Acq: 28 Feb 2017 00:19

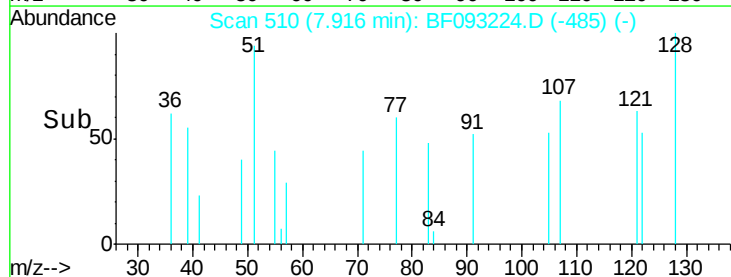
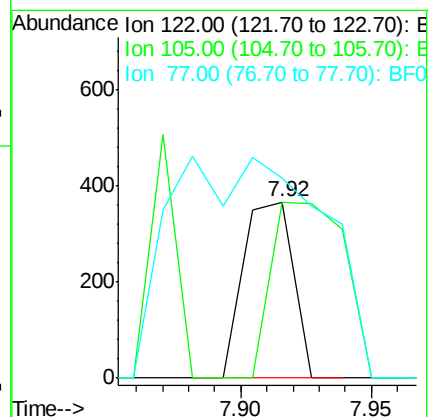
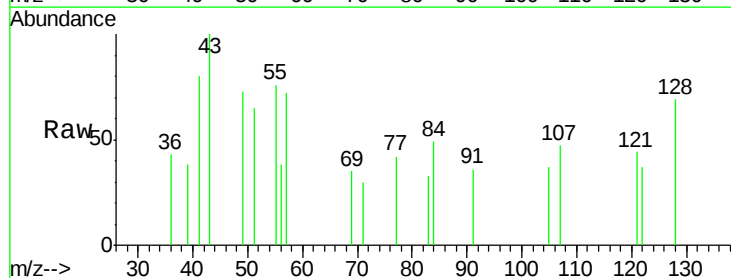
Tgt Ion: 122 Resp: 492

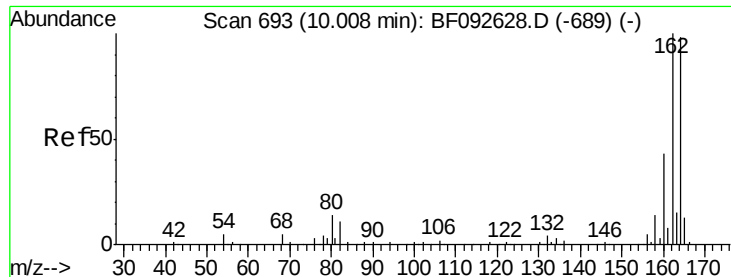
Ion Ratio Lower Upper

122 100

105 99.5 107.2 147.2#

77 113.9 74.5 114.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.03 min

Lab File: BF093224.D

Acq: 28 Feb 2017 00:19

Instrument :

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ClientSampleId :

E2-AA5-SWW

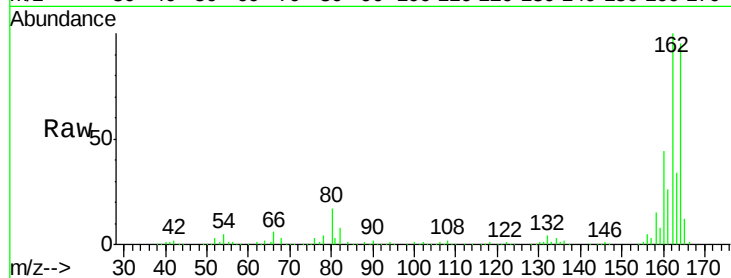
Tgt Ion:164 Resp: 296338

Ion Ratio Lower Upper

164 100

162 104.9 80.2 120.2

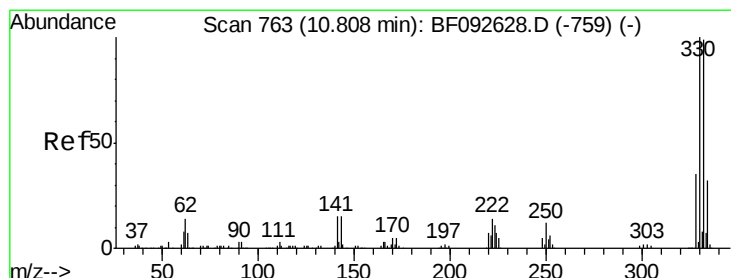
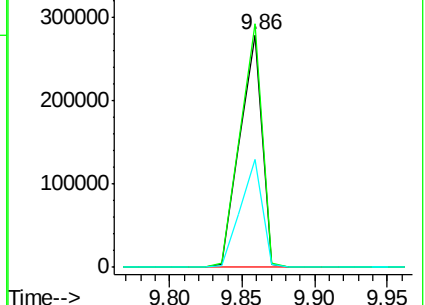
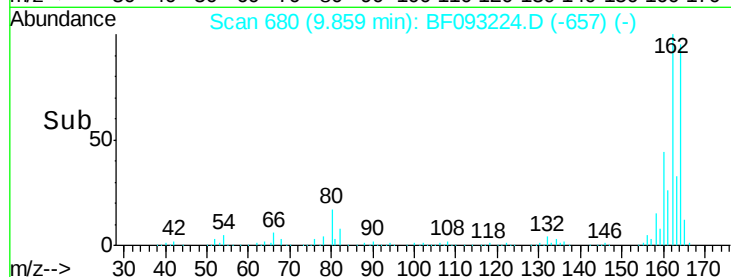
160 46.4 36.9 55.3



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: 105.91 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF093224.D

Acq: 28 Feb 2017 00:19

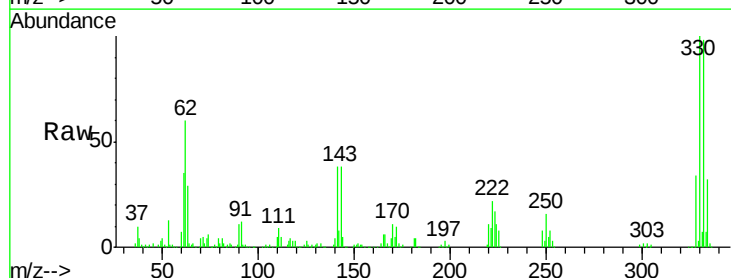
Tgt Ion:330 Resp: 227005

Ion Ratio Lower Upper

330 100

332 97.8 77.4 116.2

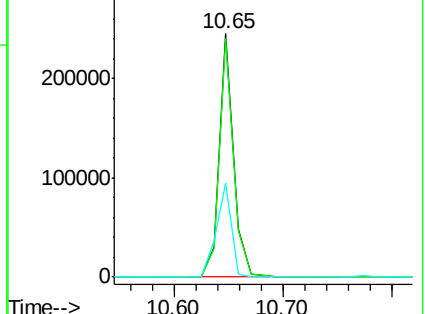
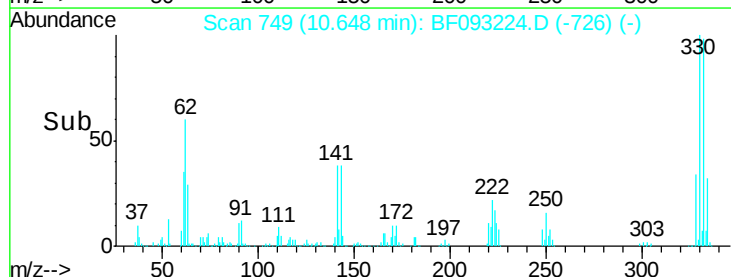
141 42.2 34.1 51.1



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

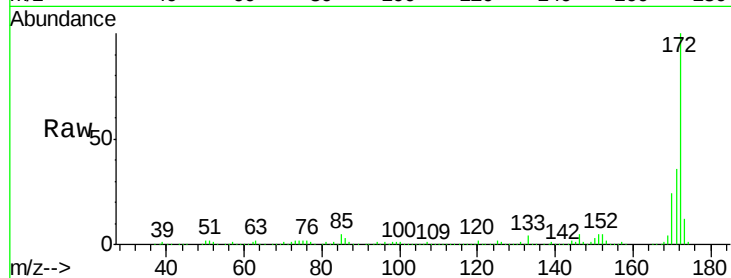




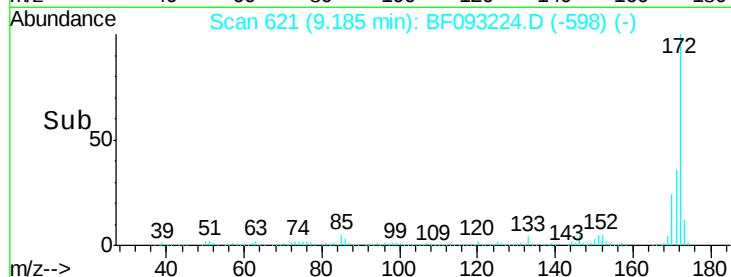
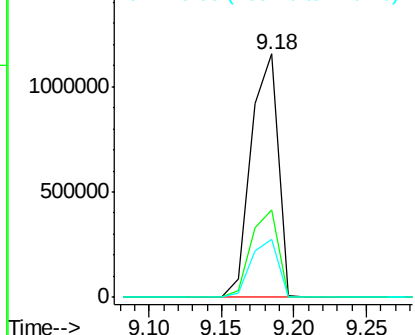
#44
 2-Fluorobiphenyl
 Concen: 91.62 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF093224.D
 Acq: 28 Feb 2017 00:19

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA5-SWW

Tgt Ion:172 Resp: 1498629
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 23.6 20.2 30.4

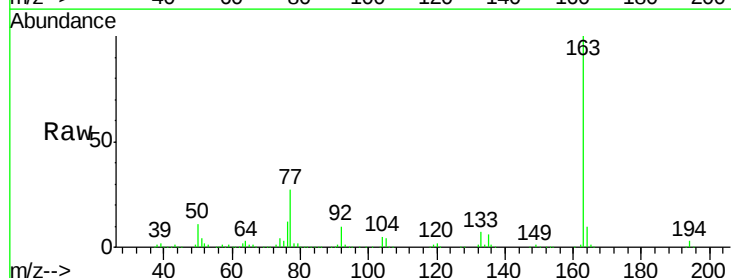


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

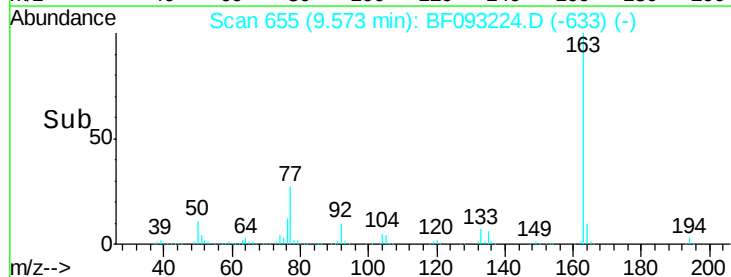
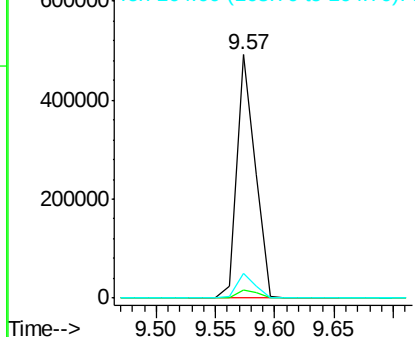


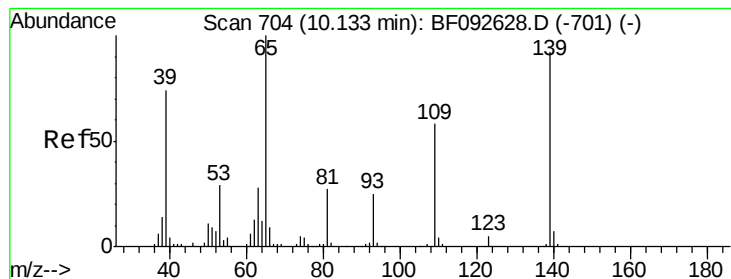
#49
 Dimethylphthalate
 Concen: 26.45 ng
 RT: 9.57 min Scan# 655
 Delta R.T. -0.05 min
 Lab File: BF093224.D
 Acq: 28 Feb 2017 00:19

Tgt Ion:163 Resp: 527937
 Ion Ratio Lower Upper
 163 100
 194 3.1 3.0 4.4
 164 10.4 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#55

4-Nitrophenol

Concen: 2.38 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.05 min

Lab File: BF093224.D

Acq: 28 Feb 2017 00:19

Instrument :

BNA_F

ClientSampleId :

E2-AA5-SWW

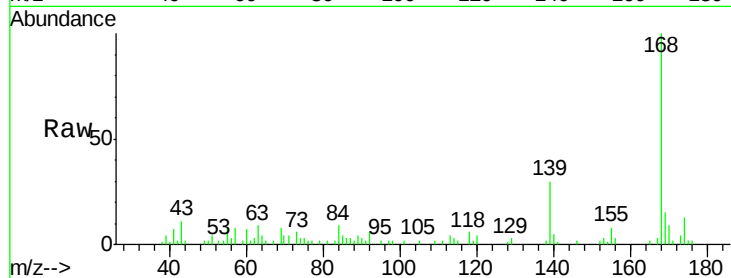
Tgt Ion:139 Resp: 8454

Ion Ratio Lower Upper

139 100

109 5.3 52.2 92.2#

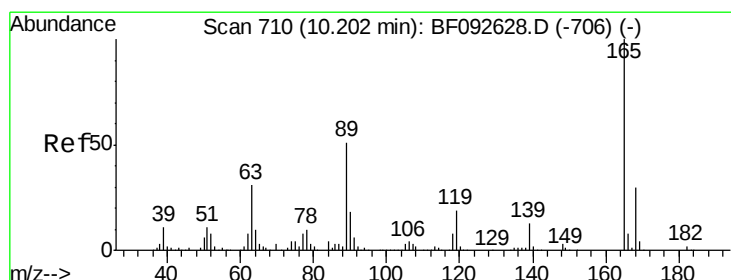
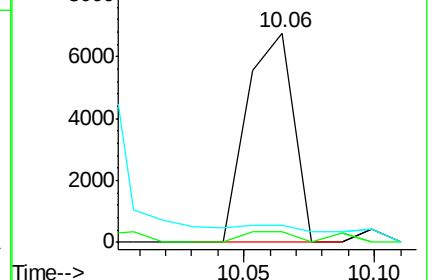
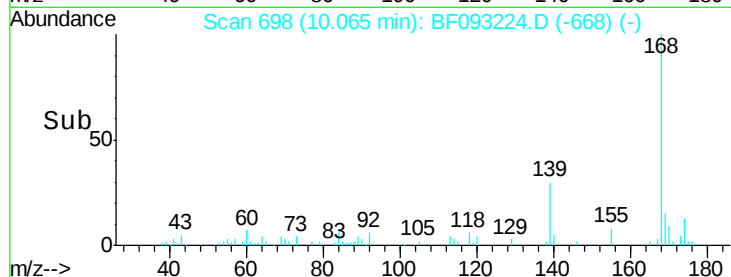
65 8.0 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 6.68 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.23 min

Lab File: BF093224.D

Acq: 28 Feb 2017 00:19

Tgt Ion:165 Resp: 38328

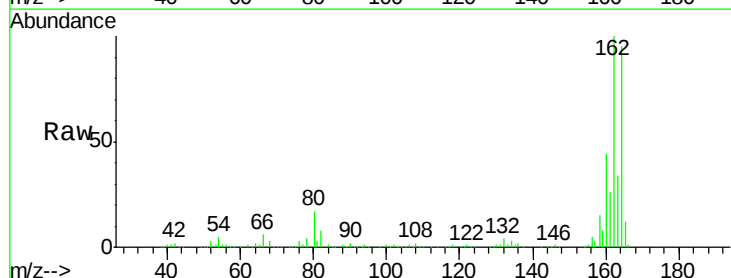
Ion Ratio Lower Upper

165 100

63 1.3 40.2 60.4#

89 2.1 62.5 93.7#

182 0.0 1.8 2.8#

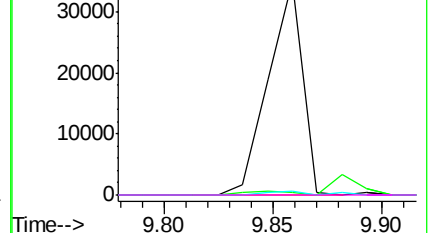
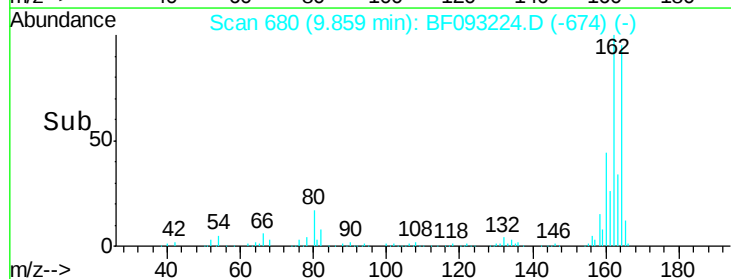


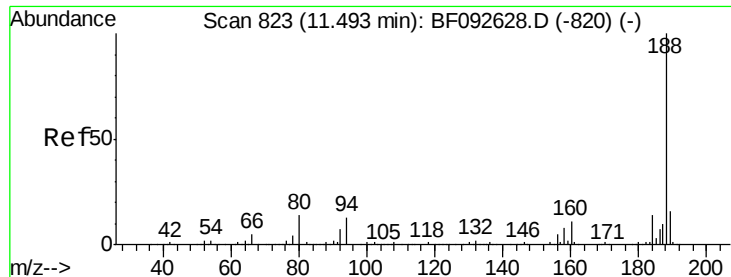
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

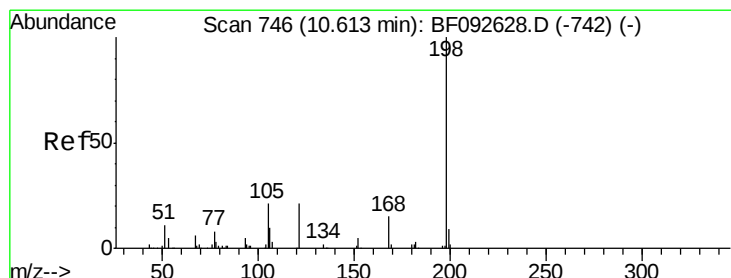
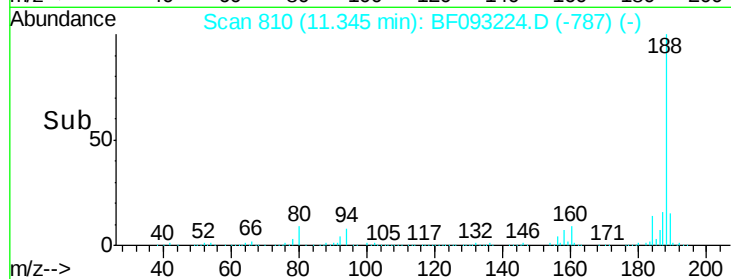
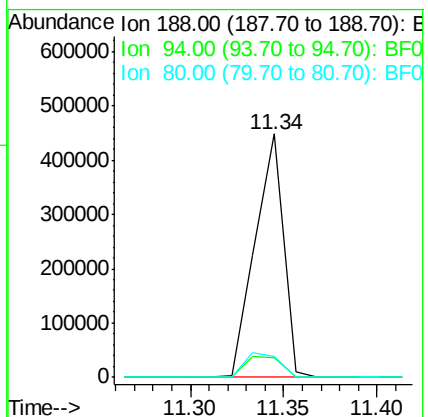
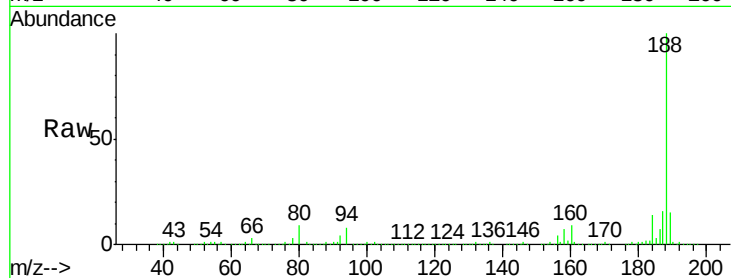




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF093224.D
Acq: 28 Feb 2017 00:19

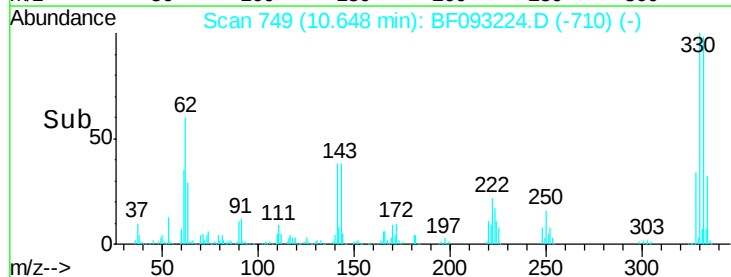
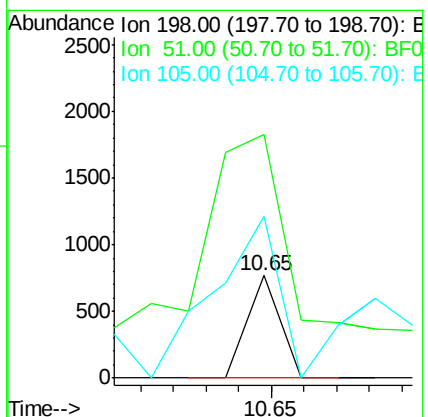
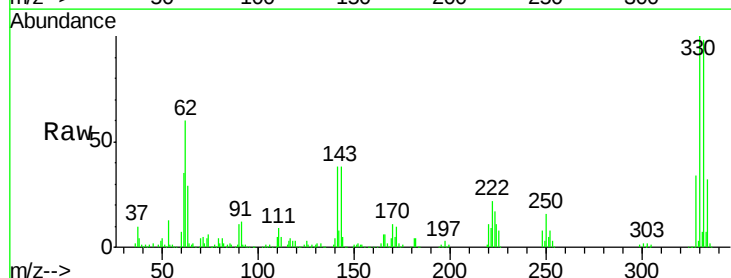
Instrument :
BNA_F
ClientSampleId :
E2-AA5-SWW

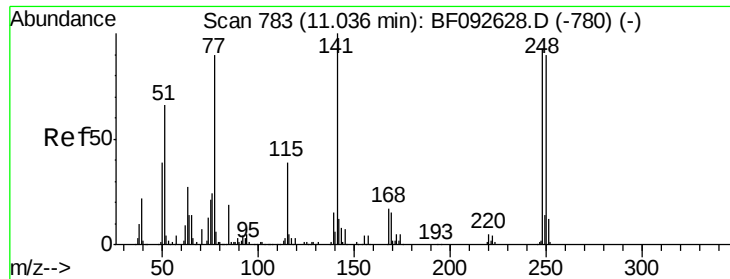
Tgt Ion:188 Resp: 471564
Ion Ratio Lower Upper
188 100
94 7.9 10.0 15.0#
80 8.6 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 2.84 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.15 min
Lab File: BF093224.D
Acq: 28 Feb 2017 00:19

Tgt Ion:198 Resp: 527
Ion Ratio Lower Upper
198 100
51 237.6 6.7 46.7#
105 158.1 16.6 56.6#





#66

4-Bromophenyl-phenylether

Concen: 3.43 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.27 min

Lab File: BF093224.D

Acq: 28 Feb 2017 00:19

Instrument :

BNA_F

ClientSampleId :

E2-AA5-SWW

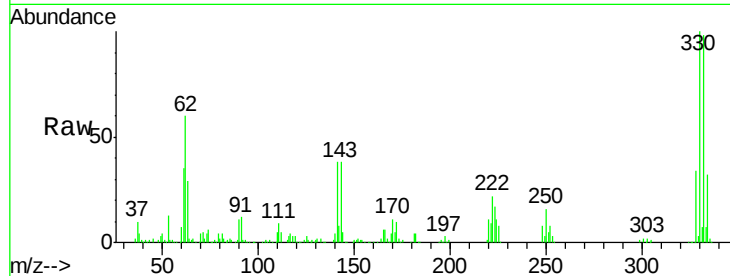
Tgt Ion:248 Resp: 16900

Ion Ratio Lower Upper

248 100

250 212.1 76.9 115.3#

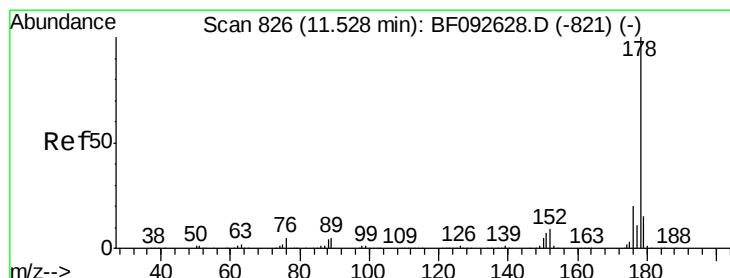
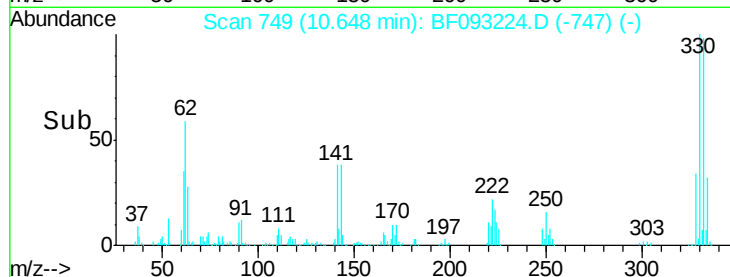
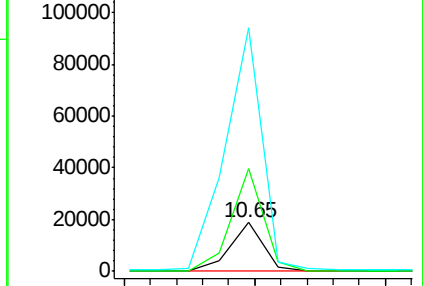
141 500.8 68.2 102.4#



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: 19.01 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.03 min

Lab File: BF093224.D

Acq: 28 Feb 2017 00:19

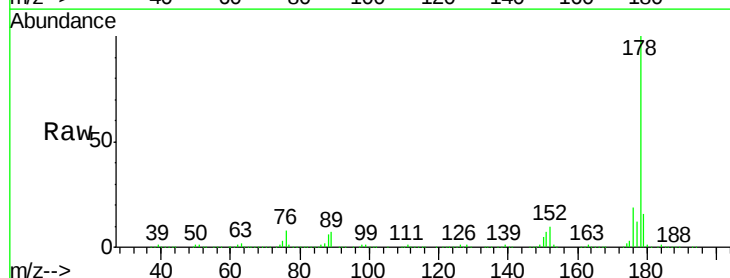
Tgt Ion:178 Resp: 513531

Ion Ratio Lower Upper

178 100

176 19.5 16.6 25.0

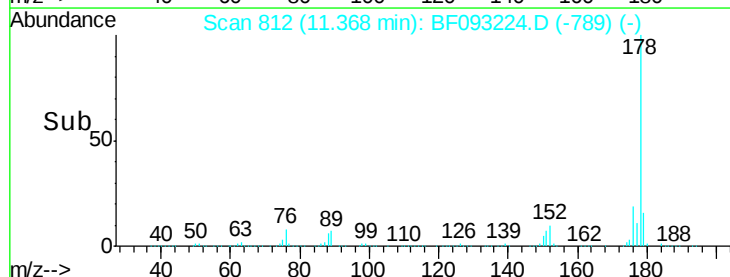
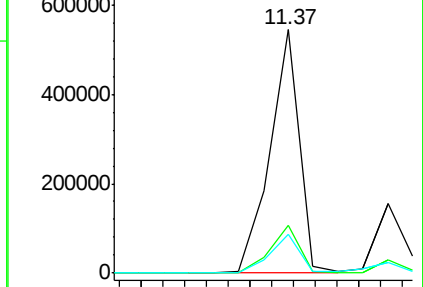
179 15.7 12.8 19.2

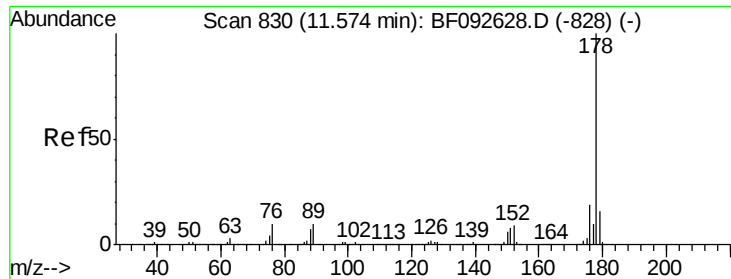


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

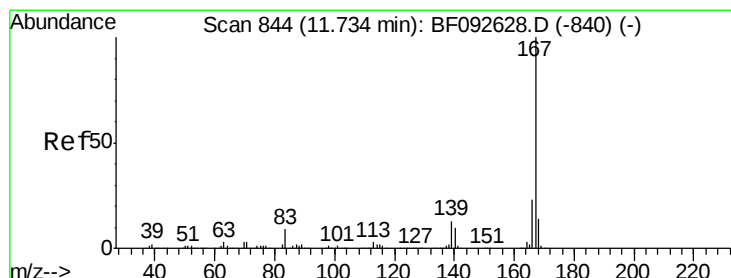
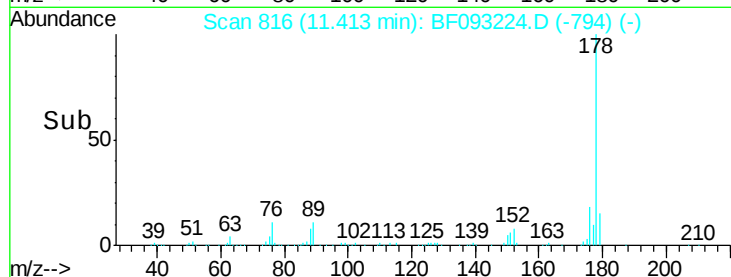
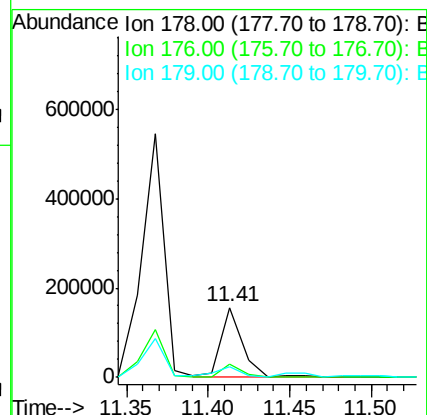
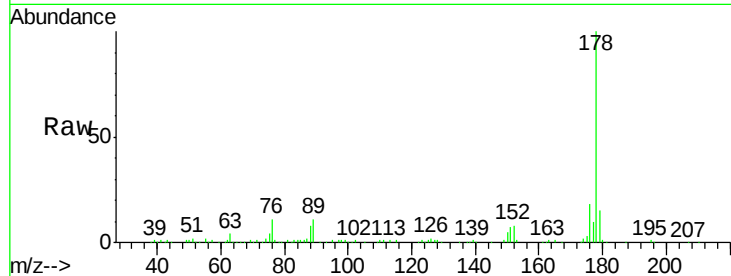




#71
 Anthracene
 Concen: 5.21 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.05 min
 Lab File: BF093224.D
 Acq: 28 Feb 2017 00:19

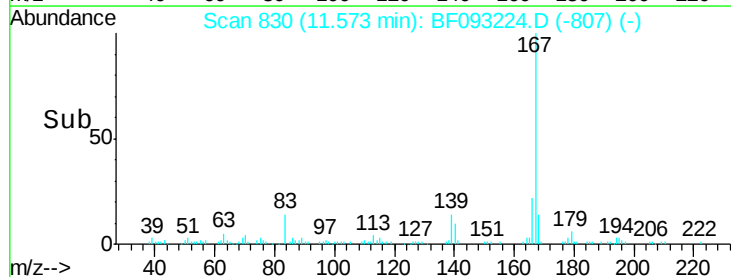
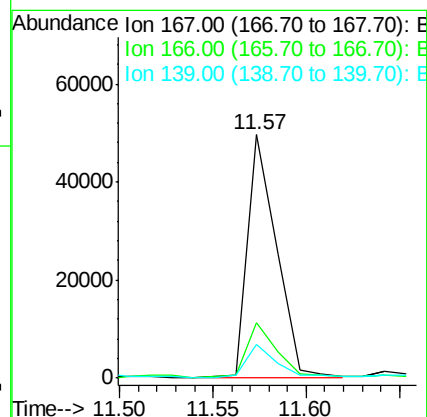
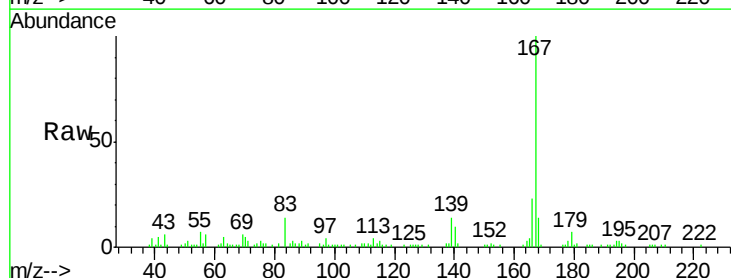
Instrument :
 BNA_F
 ClientSampleId :
 E2-AA5-SWW

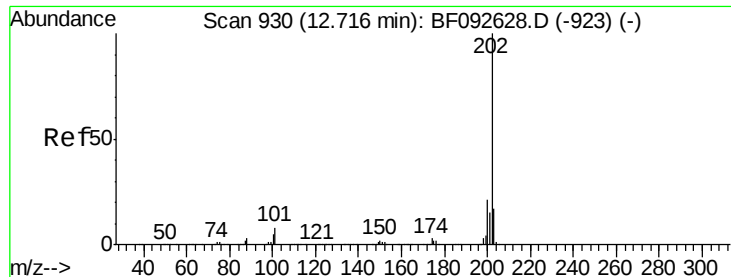
Tgt Ion:178 Resp: 141385
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.9 23.9
 179 15.4 13.2 19.8



#72
 Carbazole
 Concen: 2.08 ng
 RT: 11.57 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF093224.D
 Acq: 28 Feb 2017 00:19

Tgt Ion:167 Resp: 54016
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 13.8 11.4 17.2





#74

Fluoranthene

Concen: 30.08 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF093224.D

Acq: 28 Feb 2017 00:19

Instrument :

BNA_F

ClientSampleId :

E2-AA5-SWW

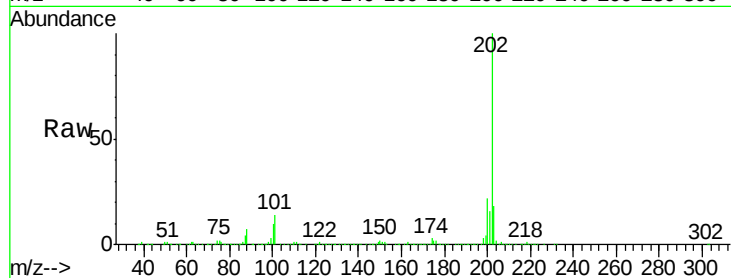
Tgt Ion:202 Resp: 838161

Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.6

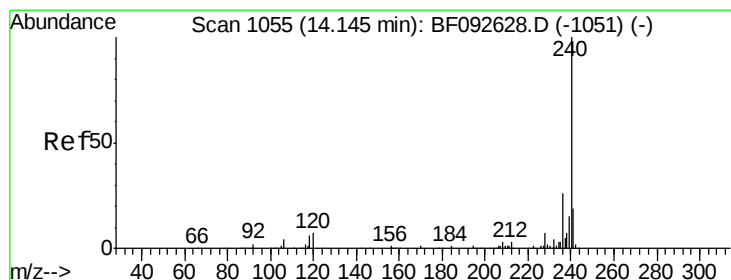
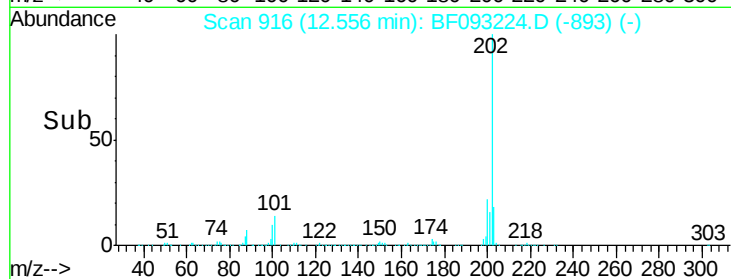
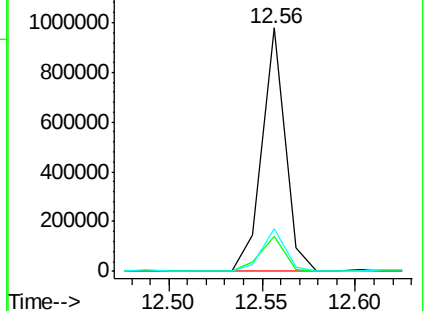
203 17.7 0.0 38.7



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: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF093224.D

Acq: 28 Feb 2017 00:19

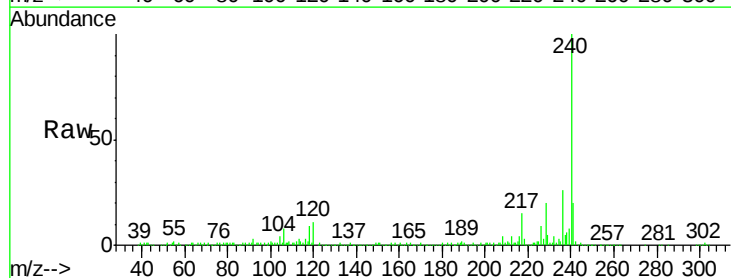
Tgt Ion:240 Resp: 336064

Ion Ratio Lower Upper

240 100

120 11.3 12.9 19.3#

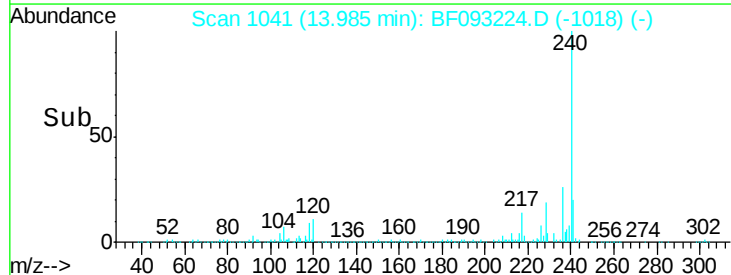
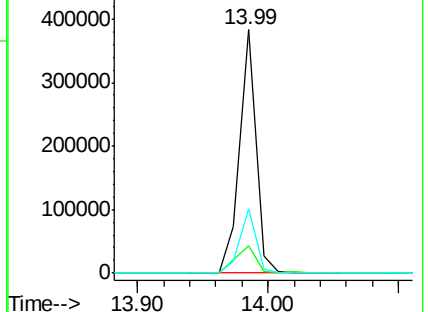
236 26.2 20.9 31.3

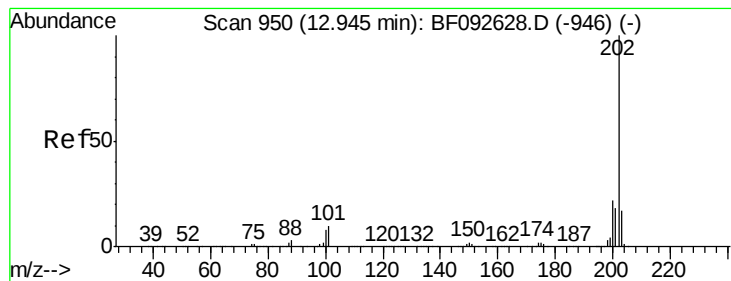


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 31.81 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF093224.D

Acq: 28 Feb 2017 00:19

Instrument :

BNA_F

ClientSampleId :

E2-AA5-SWW

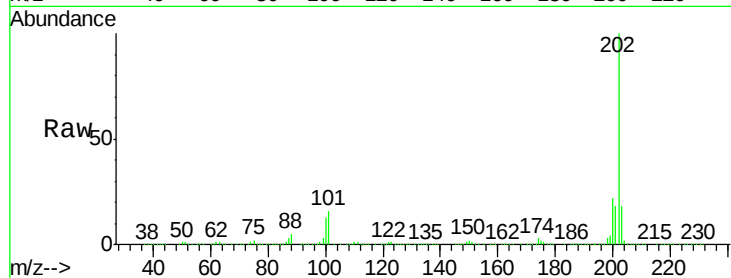
Tgt Ion:202 Resp: 800095

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

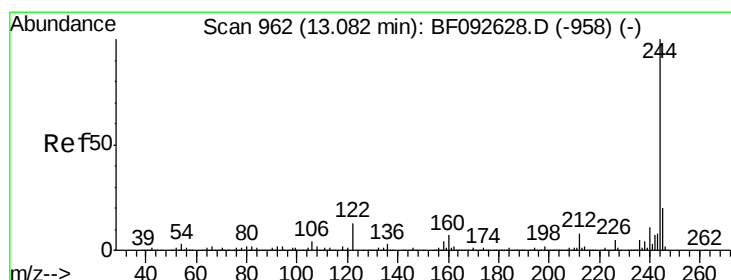
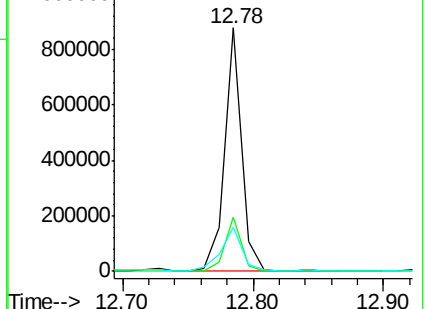
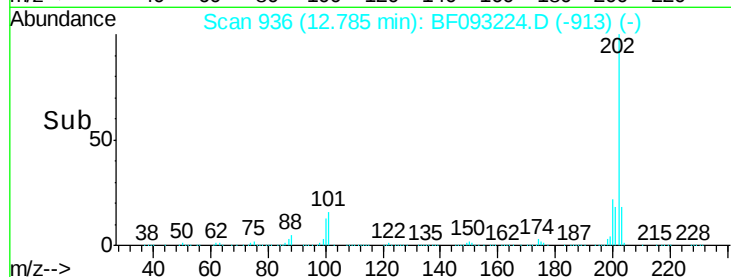
203 17.8 14.7 22.1



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: 69.09 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF093224.D

Acq: 28 Feb 2017 00:19

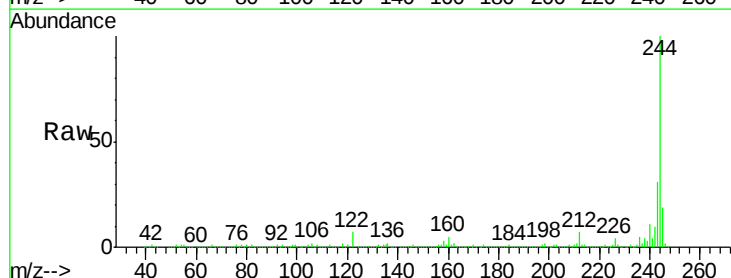
Tgt Ion:244 Resp: 988164

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.2

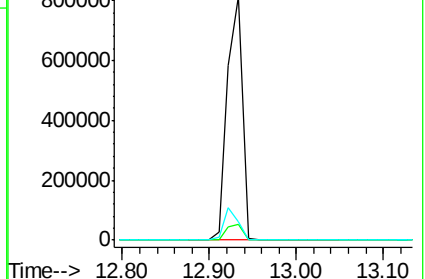
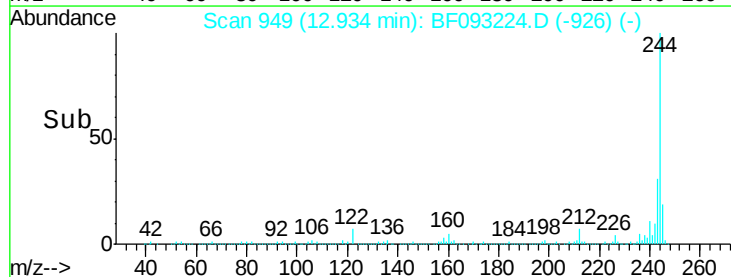
122 7.5 11.4 17.2#

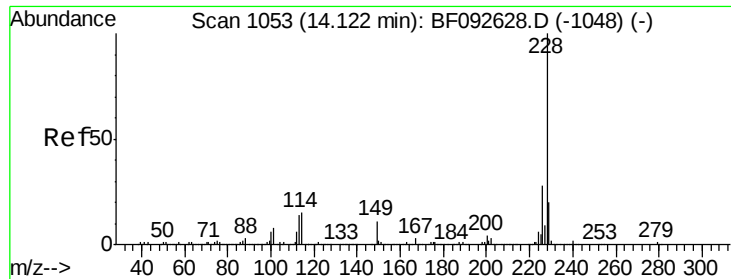


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 23.06 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.03 min

Lab File: BF093224.D

Acq: 28 Feb 2017 00:19

Instrument :

BNA_F

ClientSampleId :

E2-AA5-SWW

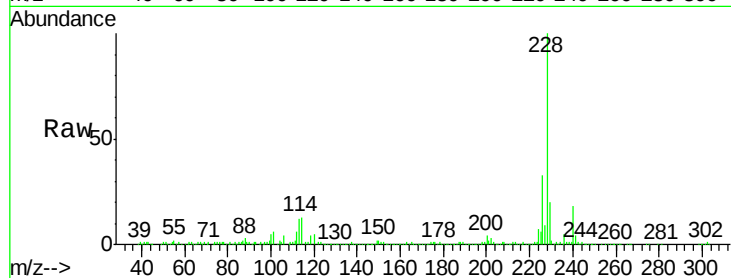
Tgt Ion:228 Resp: 474016

Ion Ratio Lower Upper

228 100

226 32.5 22.4 33.6

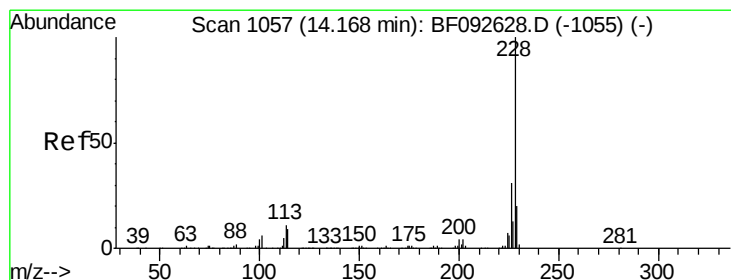
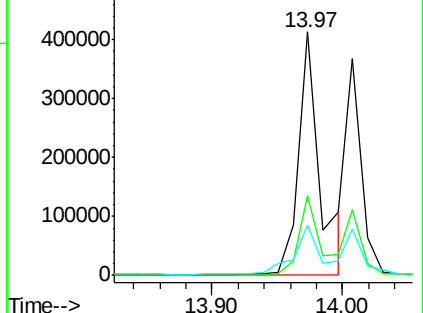
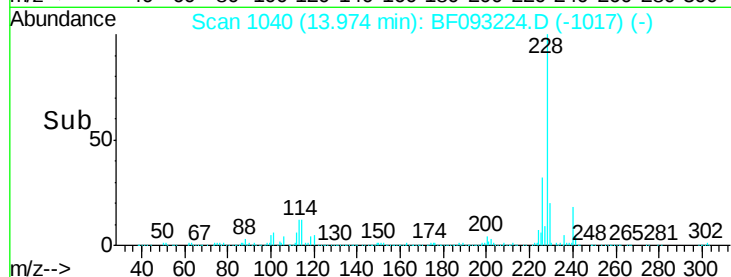
229 20.4 16.2 24.4



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: 15.56 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF093224.D

Acq: 28 Feb 2017 00:19

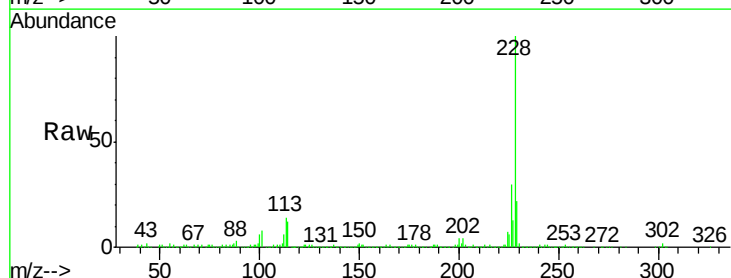
Tgt Ion:228 Resp: 299509

Ion Ratio Lower Upper

228 100

226 30.4 25.4 38.0

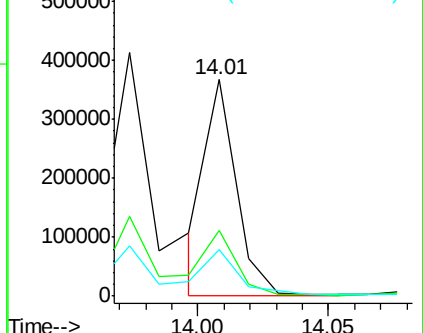
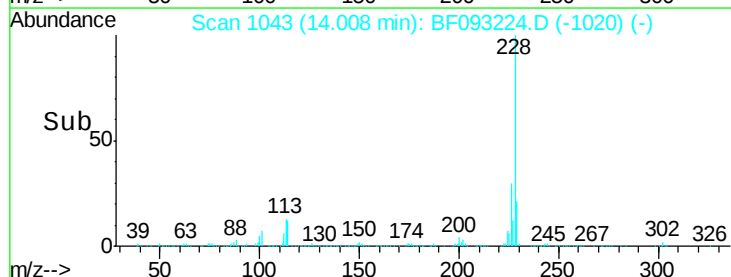
229 21.6 16.2 24.2

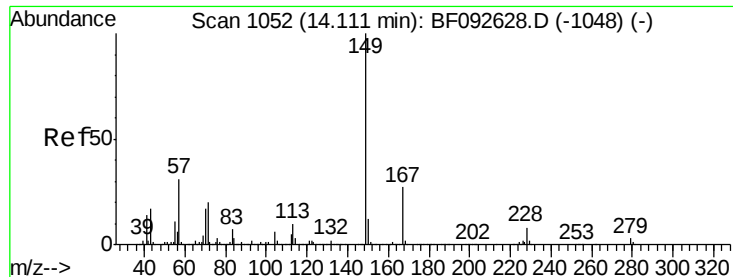


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

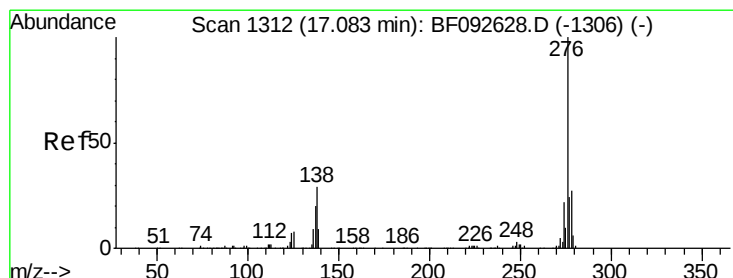
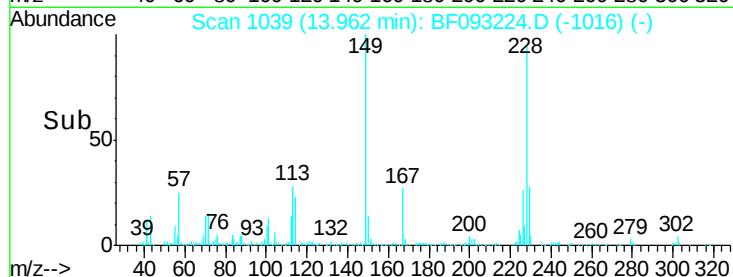
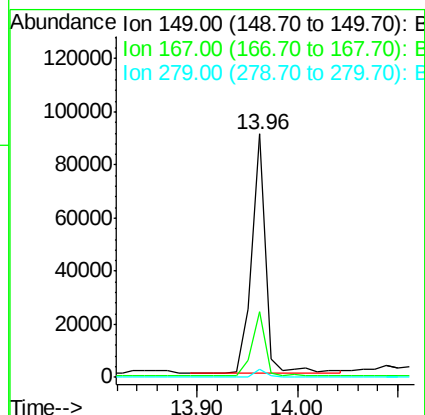
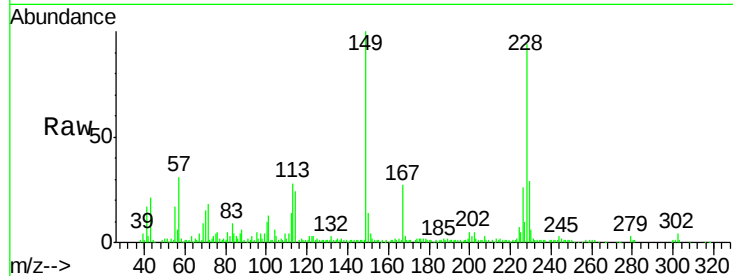




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.36 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.03 min
 Lab File: BF093224.D
 Acq: 28 Feb 2017 00:19

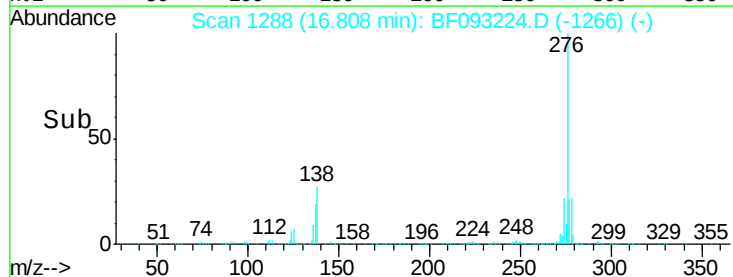
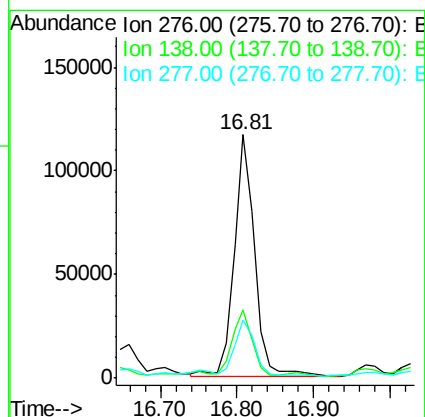
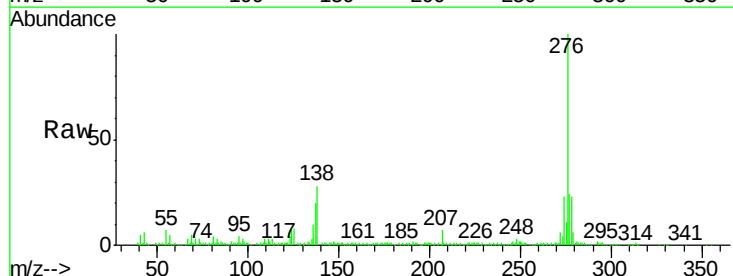
Instrument :
 BNA_F
 ClientSampleId :
 E2-AA5-SWW

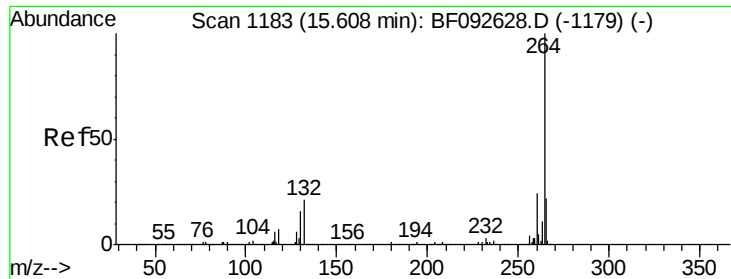
Tgt Ion:149 Resp: 88788
 Ion Ratio Lower Upper
 149 100
 167 26.9 20.2 30.4
 279 3.2 1.8 2.8#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 14.66 ng
 RT: 16.81 min Scan# 1288
 Delta R.T. -0.05 min
 Lab File: BF093224.D
 Acq: 28 Feb 2017 00:19

Tgt Ion:276 Resp: 218558
 Ion Ratio Lower Upper
 276 100
 138 27.4 21.8 32.6
 277 22.0 20.2 30.4

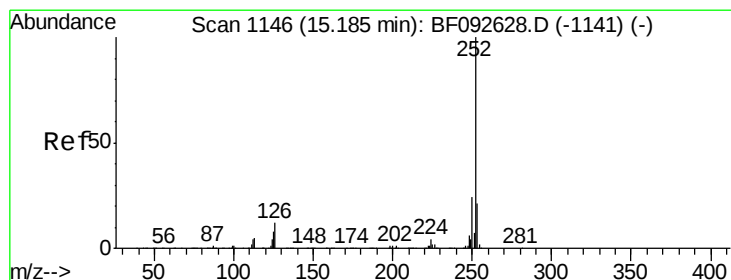
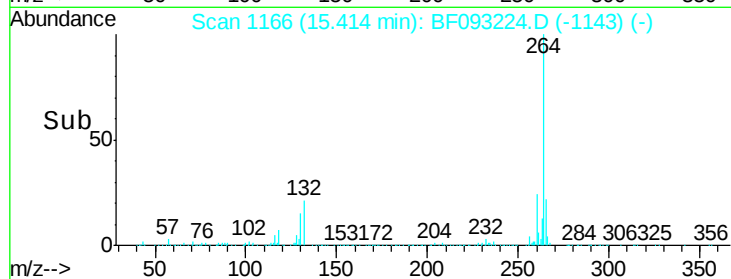
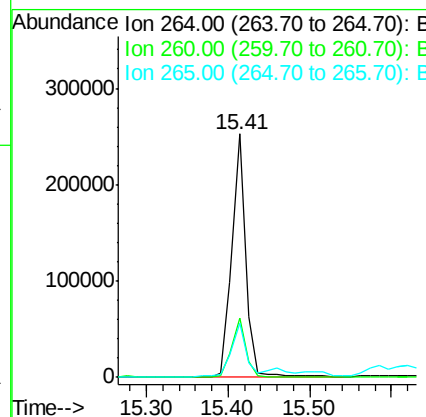
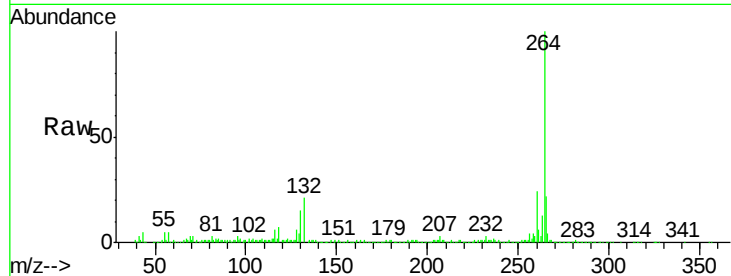




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF093224.D
Acq: 28 Feb 2017 00:19

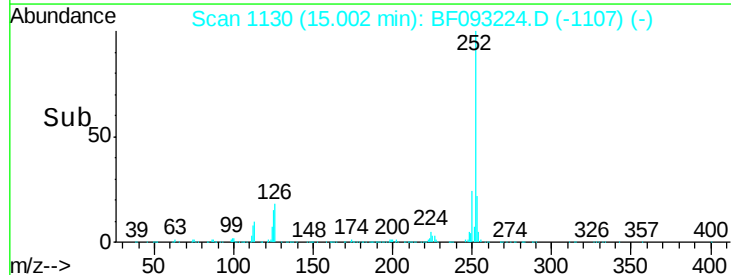
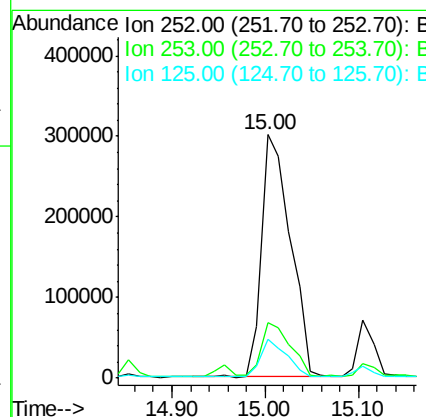
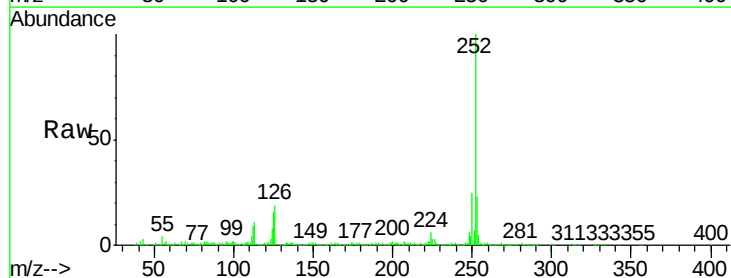
Instrument :
BNA_F
ClientSampleId :
E2-AA5-SWW

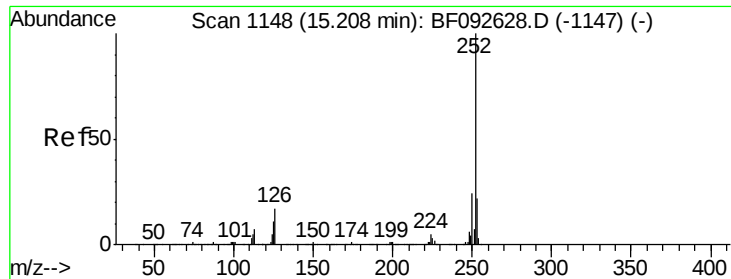
Tgt Ion:264 Resp: 298284
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 22.3 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 33.02 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF093224.D
Acq: 28 Feb 2017 00:19

Tgt Ion:252 Resp: 648220
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 15.9 9.8 14.6#





#88

Benzo(k)fluoranthene

Concen: 38.24 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.07 min

Lab File: BF093224.D

Acq: 28 Feb 2017 00:19

Instrument :

BNA_F

ClientSampleId :

E2-AA5-SWW

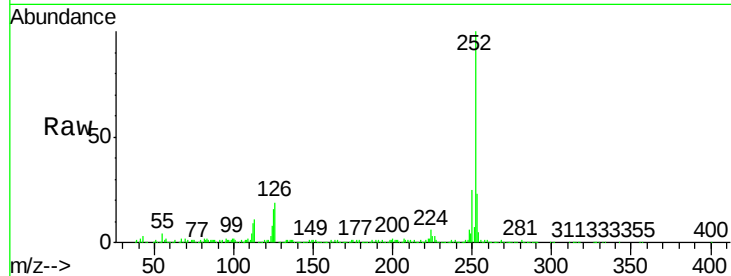
Tgt Ion:252 Resp: 648220

Ion Ratio Lower Upper

252 100

253 22.7 18.5 27.7

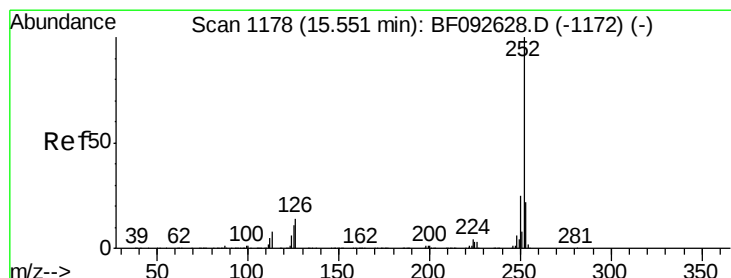
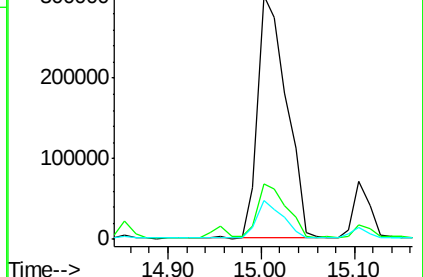
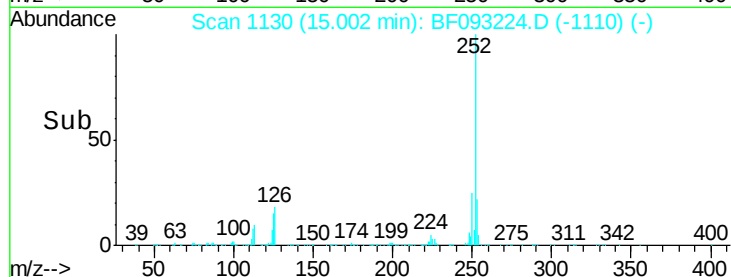
125 15.9 8.9 13.3#



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: 21.50 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.03 min

Lab File: BF093224.D

Acq: 28 Feb 2017 00:19

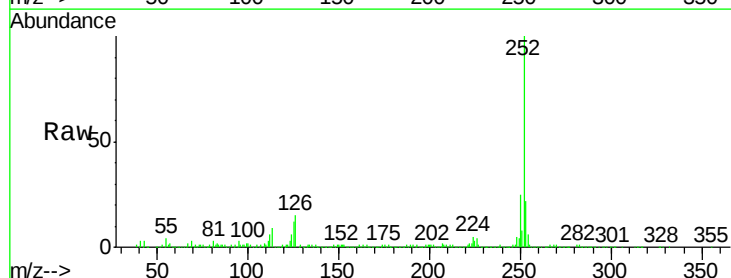
Tgt Ion:252 Resp: 365141

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

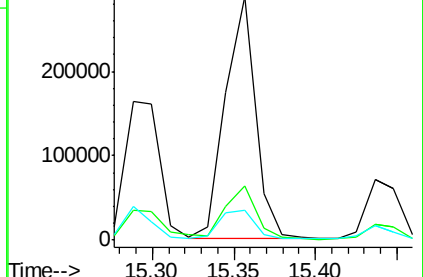
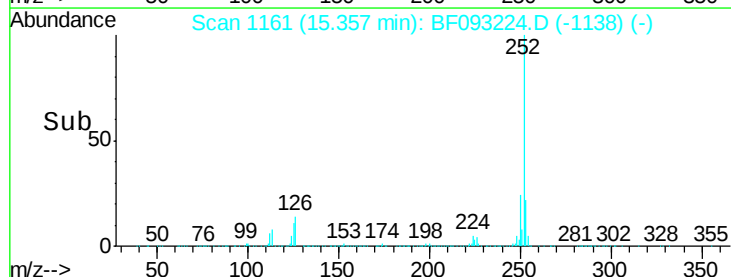
125 12.4 10.0 15.0

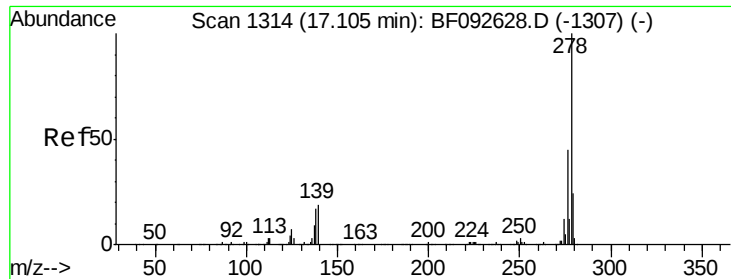


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 2.12 ng

RT: 17.03 min Scan# 1307

Delta R.T. 0.16 min

Lab File: BF093224.D

Acq: 28 Feb 2017 00:19

Instrument :

BNA_F

ClientSampleId :

E2-AA5-SWW

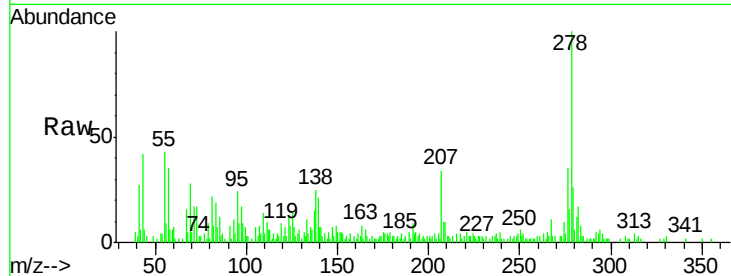
Tgt Ion:278 Resp: 29086

Ion Ratio Lower Upper

278 100

139 20.7 14.8 22.2

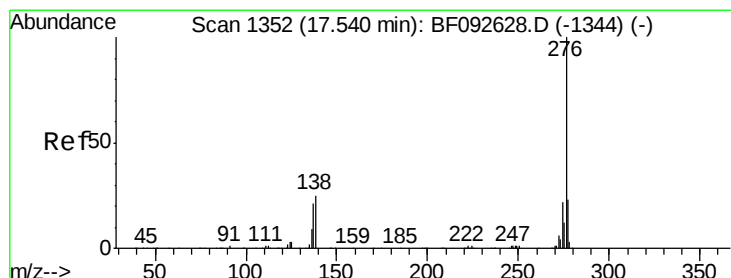
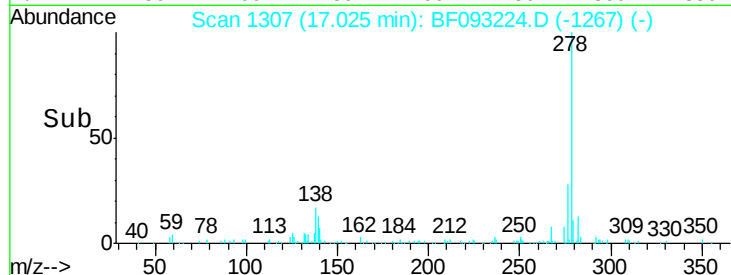
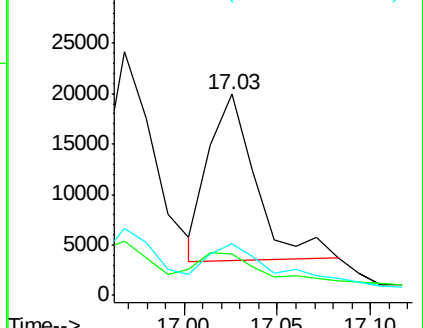
279 25.8 19.8 29.6



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: 14.43 ng

RT: 17.23 min Scan# 1325

Delta R.T. -0.06 min

Lab File: BF093224.D

Acq: 28 Feb 2017 00:19

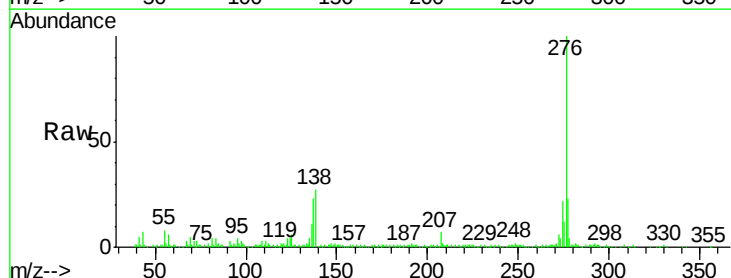
Tgt Ion:276 Resp: 200045

Ion Ratio Lower Upper

276 100

277 23.0 19.2 28.8

138 27.1 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

