

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080315\
 Data File : BE090338.D
 Acq On : 4 Aug 2015 9:24
 Operator : TP/UM
 Sample : G3174-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 080215-D506-F-U-B

Quant Time: Aug 04 13:40:17 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 02:31:31 2015
 Response via : Initial Calibration

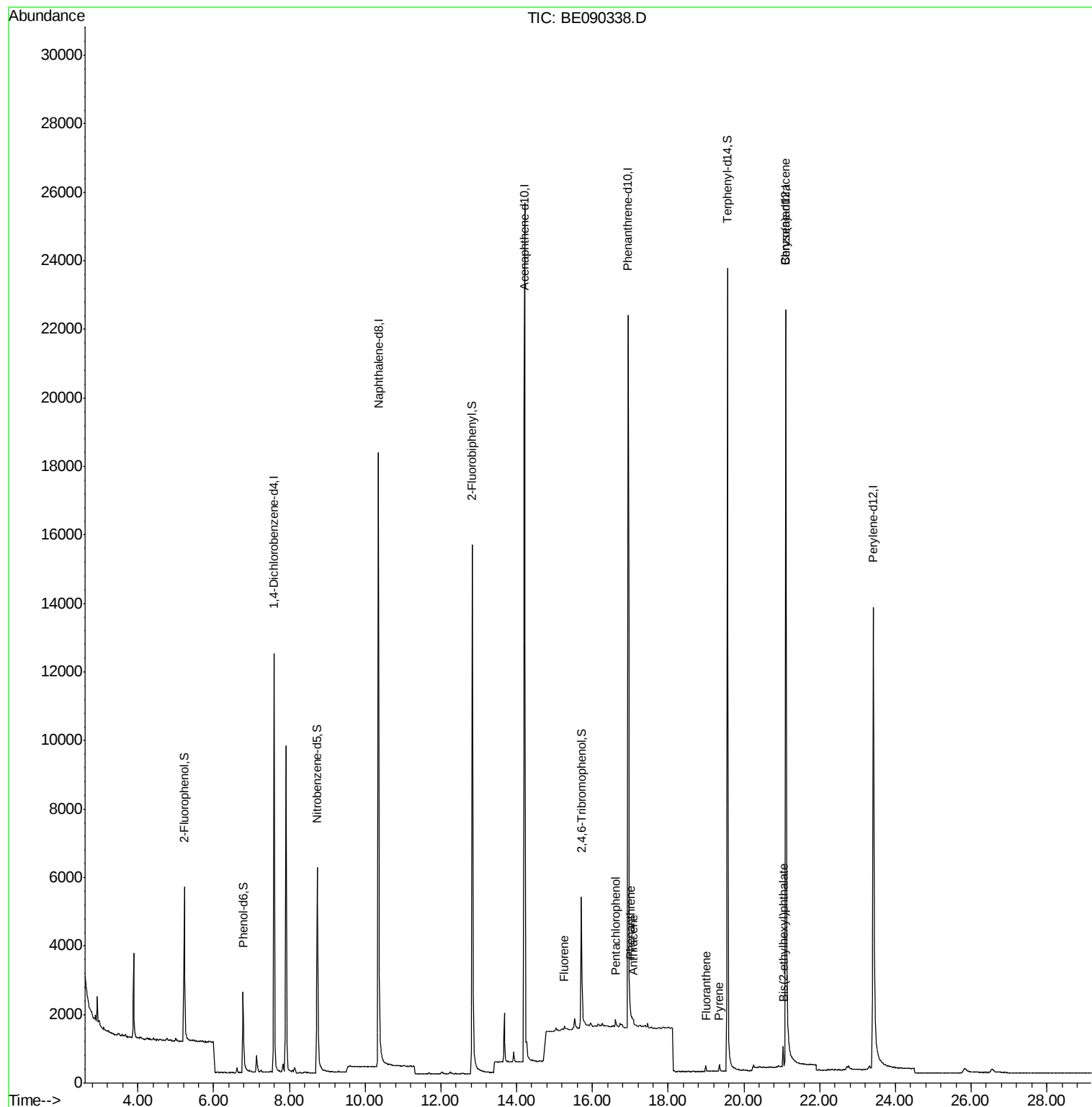
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	6380	5.00	ng	0.00
6) Naphthalene-d8	10.35	136	28822	5.00	ng	0.00
12) Acenaphthene-d10	14.21	164	14927	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	32130	5.00	ng	0.00
25) Chrysene-d12	21.11	240	28205	5.00	ng	0.00
32) Perylene-d12	23.42	264	24436	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	3837	3.15	ng	0.00
5) Phenol-d6	6.78	99	2988	1.99	ng	0.00
7) Nitrobenzene-d5	8.73	82	6814	4.00	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	1700	6.18	ng	-0.02
14) 2-Fluorobiphenyl	12.83	172	17576	4.06	ng	0.00
27) Terphenyl-d14	19.57	244	27666	5.24	ng	-0.01
Target Compounds						
17) Fluorene	15.26	166	118	0.03	ng	# 92
21) Pentachlorophenol	16.61	266	148	0.80	ng	# 91
22) Phenanthrene	17.00	178	241	0.03	ng	# 75
23) Anthracene	17.08	178	142	0.02	ng	# 97
24) Fluoranthene	18.99	202	201	0.03	ng	# 98
26) Pyrene	19.35	202	209	0.03	ng	# 89
28) Benzo(a)anthracene	21.10	228	237	0.04	ng	# 64
30) Bis(2-ethylhexyl)phthalate	21.04	149	616	0.48	ng	# 99

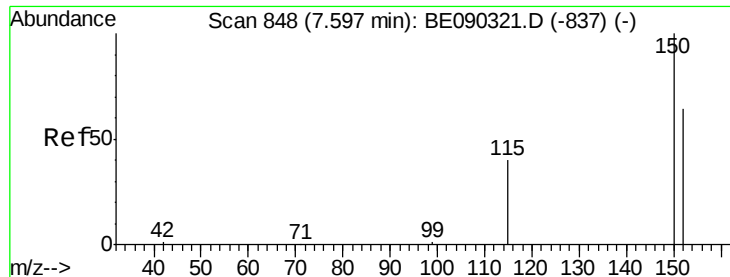
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 04 02:31:31 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.60 min Scan# 848

Delta R.T. -0.00 min

Lab File: BE090338.D

Acq: 4 Aug 2015 9:24

Instrument :

BNA_E

ClientSampleId :

080215-D506-F-U-B

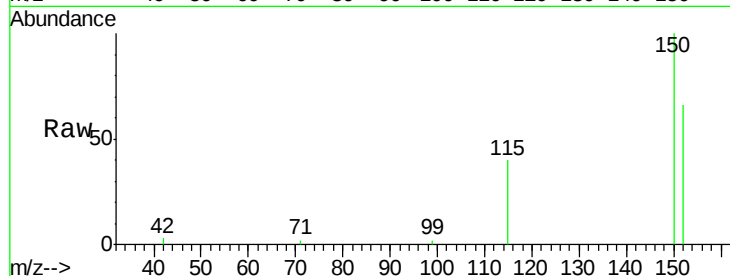
Tgt Ion:152 Resp: 6380

Ion Ratio Lower Upper

152 100

150 152.1 124.2 186.2

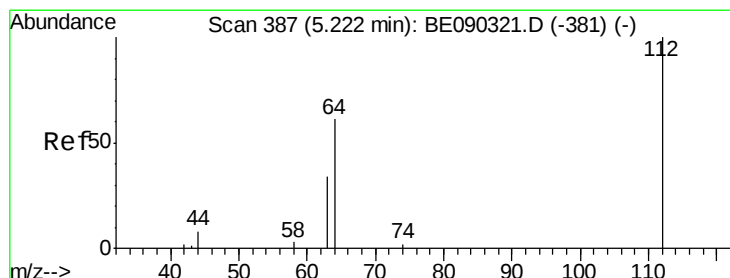
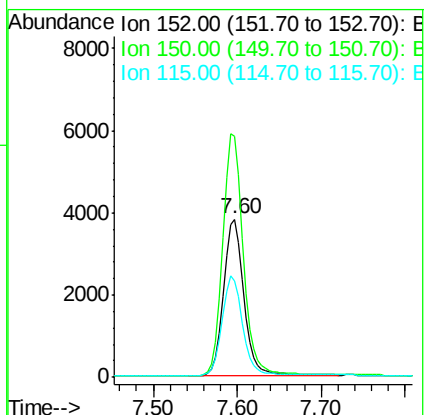
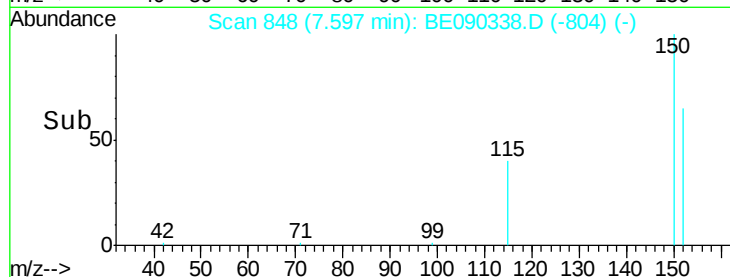
115 61.1 50.4 75.6



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



#4

2-Fluorophenol

Concen: 3.15 ng

RT: 5.22 min Scan# 387

Delta R.T. 0.00 min

Lab File: BE090338.D

Acq: 4 Aug 2015 9:24

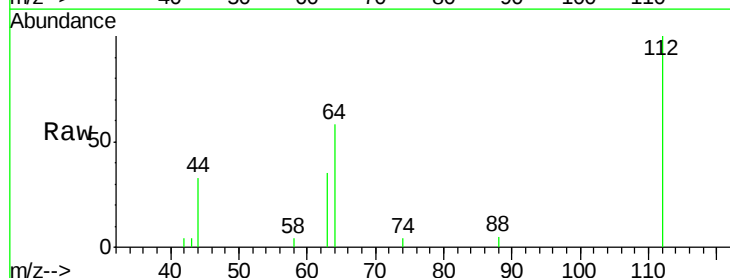
Tgt Ion:112 Resp: 3837

Ion Ratio Lower Upper

112 100

64 59.6 49.0 73.4

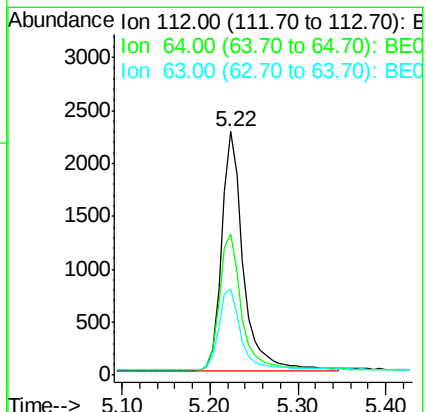
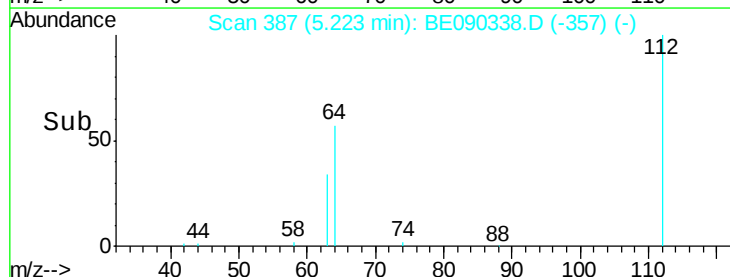
63 35.5 27.7 41.5

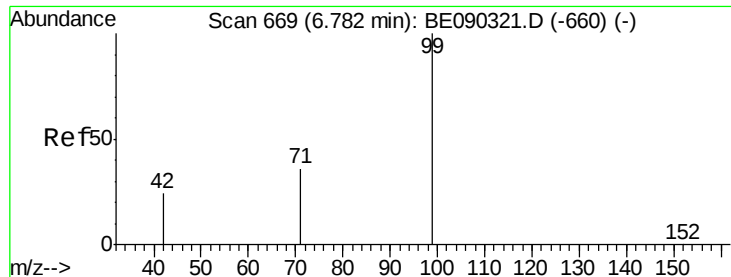


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.99 ng

RT: 6.78 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE090338.D

Acq: 4 Aug 2015 9:24

Instrument :

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ClientSampleId :

080215-D506-F-U-B

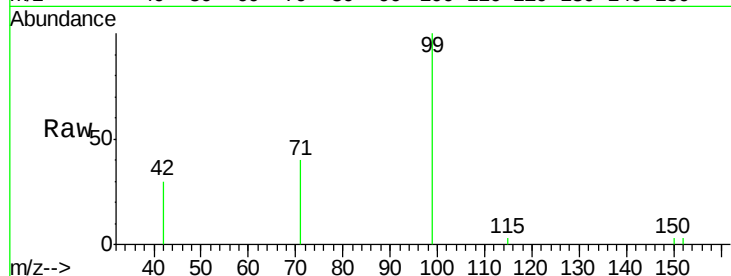
Tgt Ion: 99 Resp: 2988

Ion Ratio Lower Upper

99 100

42 26.2 22.2 33.2

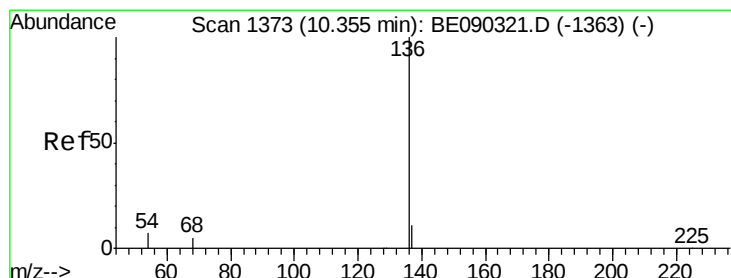
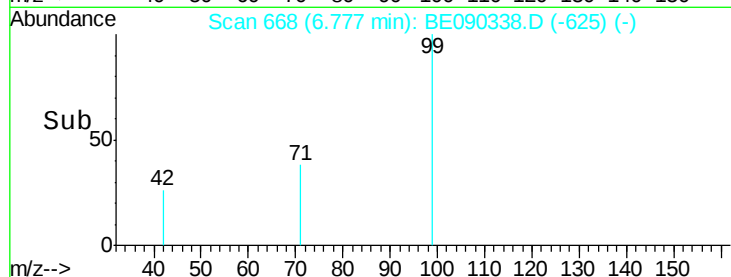
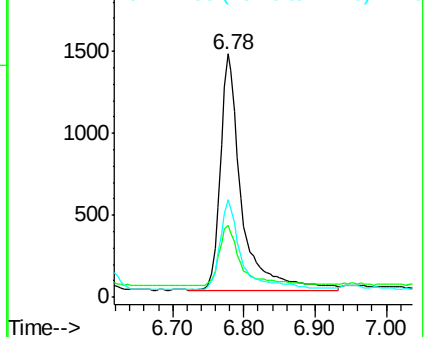
71 38.7 29.2 43.8



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.35 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE090338.D

Acq: 4 Aug 2015 9:24

Tgt Ion: 136 Resp: 28822

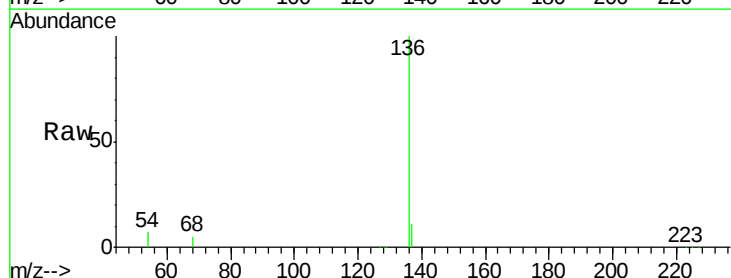
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.5 6.0 9.0

68 5.1 3.9 5.9

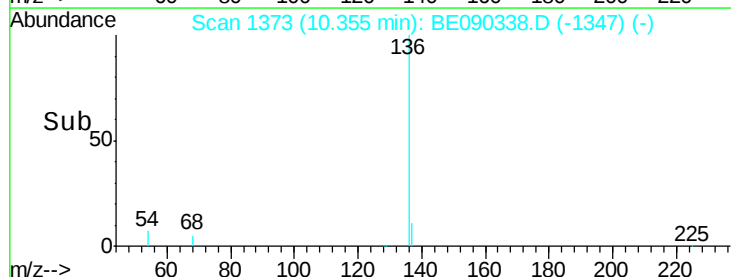
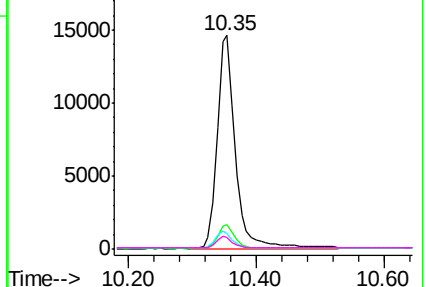


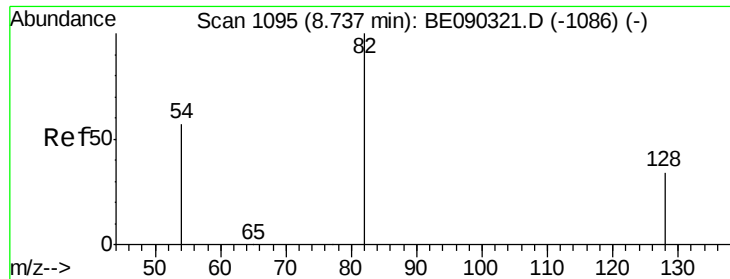
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 4.00 ng

RT: 8.73 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BE090338.D

Acq: 4 Aug 2015 9:24

Instrument :

BNA_E

ClientSampleId :

080215-D506-F-U-B

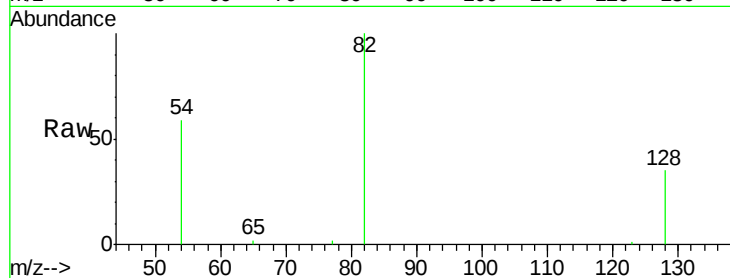
Tgt Ion: 82 Resp: 6814

Ion Ratio Lower Upper

82 100

128 35.5 30.8 46.2

54 58.6 47.5 71.3

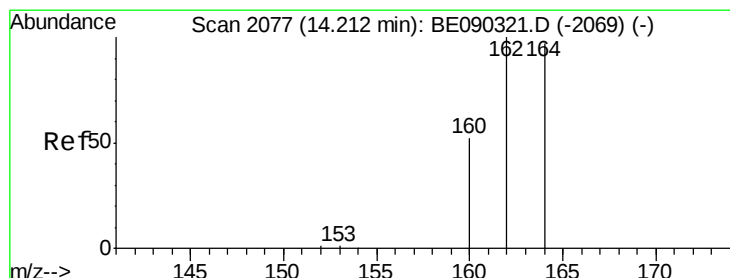
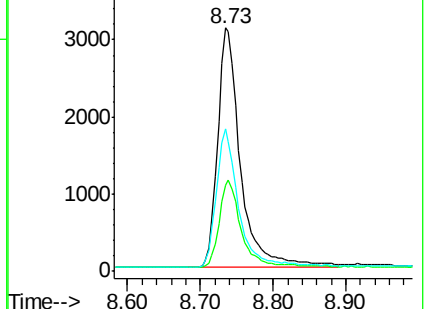
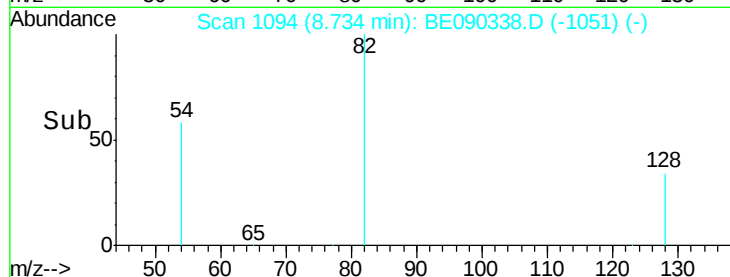


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.21 min Scan# 2076

Delta R.T. -0.01 min

Lab File: BE090338.D

Acq: 4 Aug 2015 9:24

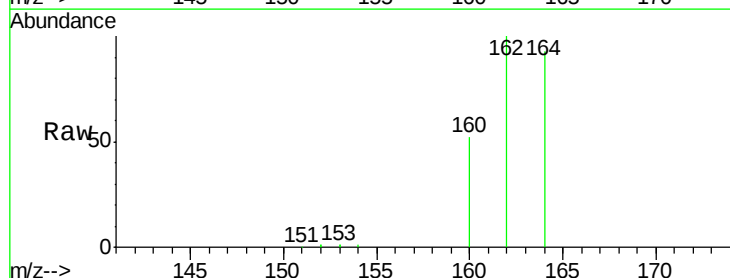
Tgt Ion: 164 Resp: 14927

Ion Ratio Lower Upper

164 100

162 107.1 82.7 124.1

160 55.5 43.0 64.6

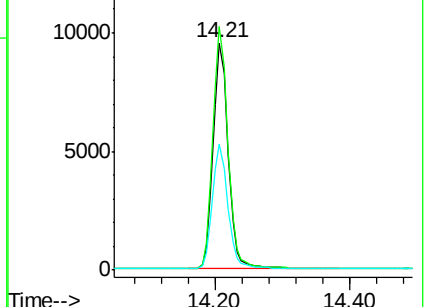
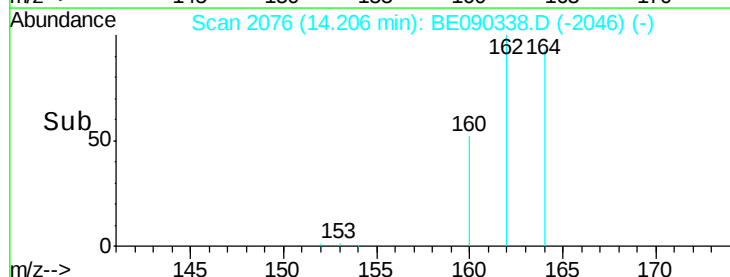


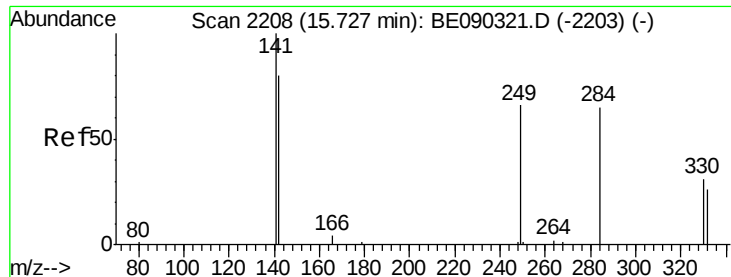
Abundance Ion 164.00 (163.70 to 164.70): BE0

Ion 162.00 (161.70 to 162.70): BE0

Ion 160.00 (159.70 to 160.70): BE0

Time-->

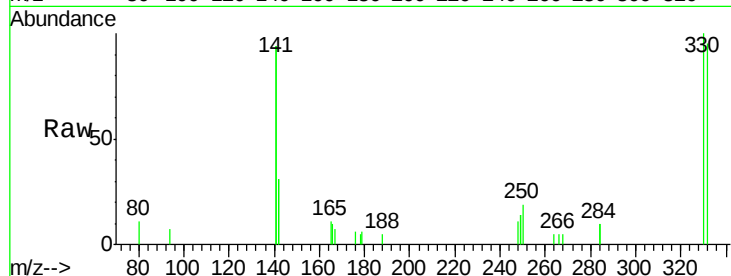




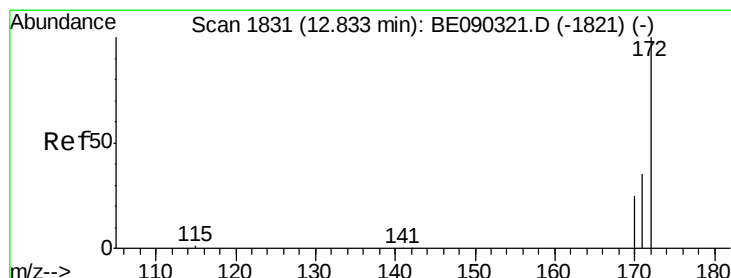
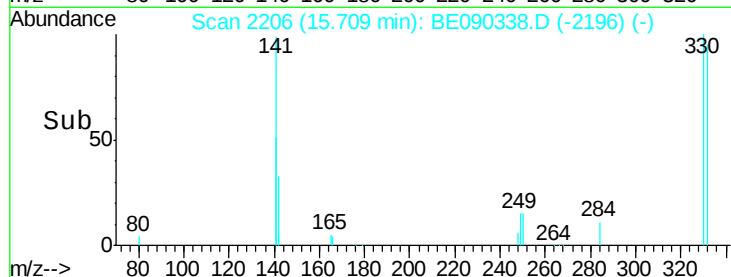
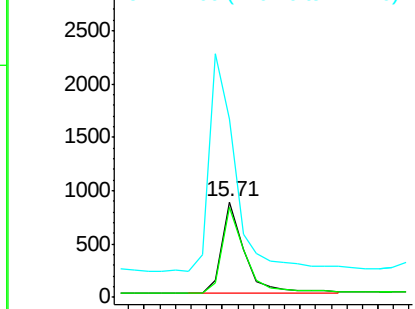
#13
 2,4,6-Tribromophenol
 Concen: 6.18 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. -0.02 min
 Lab File: BE090338.D
 Acq: 4 Aug 2015 9:24

Instrument :
 BNA_E
 ClientSampleId :
 080215-D506-F-U-B

Tgt Ion: 330 Resp: 1700
 Ion Ratio Lower Upper
 330 100
 332 95.2 79.4 119.0
 141 278.4 245.9 368.9

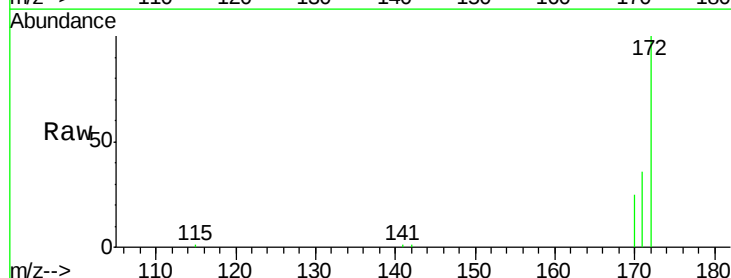


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

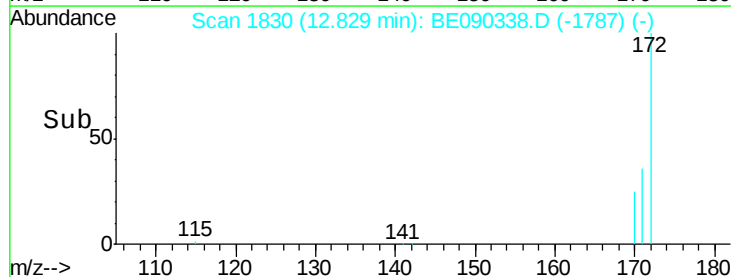
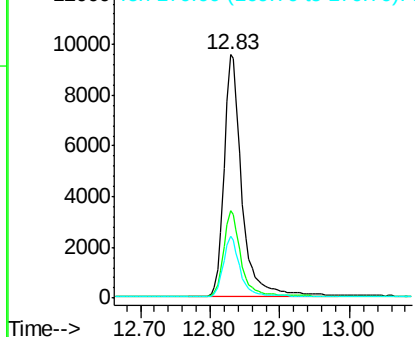


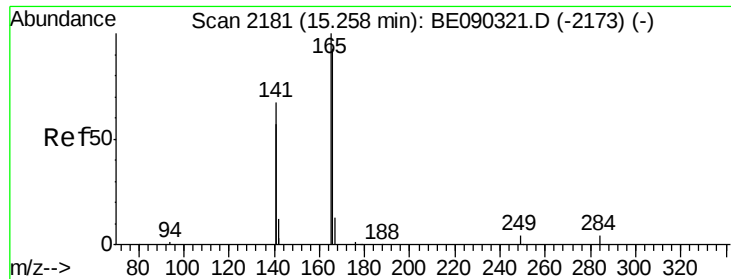
#14
 2-Fluorobiphenyl
 Concen: 4.06 ng
 RT: 12.83 min Scan# 1830
 Delta R.T. -0.00 min
 Lab File: BE090338.D
 Acq: 4 Aug 2015 9:24

Tgt Ion: 172 Resp: 17576
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.5 44.3
 170 25.3 21.3 31.9



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





#17

Fluorene

Concen: 0.03 ng

RT: 15.26 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BE090338.D

Acq: 4 Aug 2015 9:24

Instrument :

BNA_E

ClientSampleId :

080215-D506-F-U-B

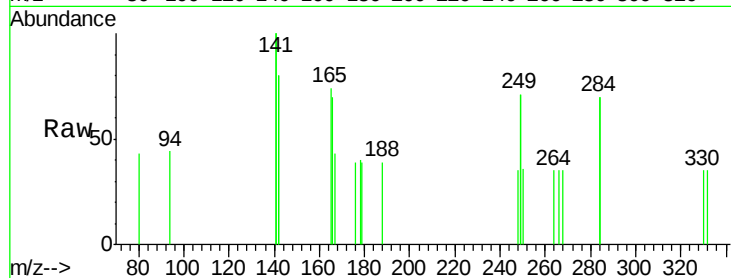
Tgt Ion:166 Resp: 118

Ion Ratio Lower Upper

166 100

165 97.5 82.6 123.8

167 26.3 11.8 17.8#

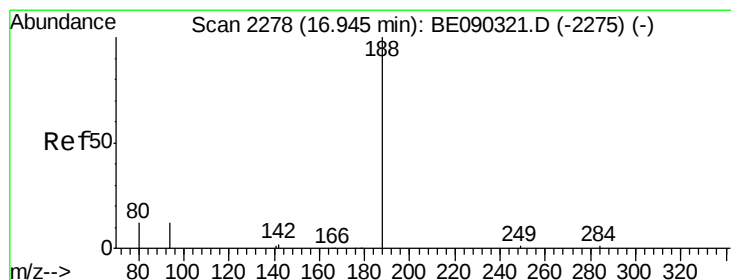
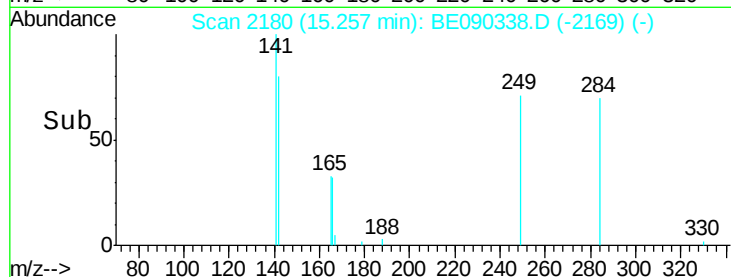
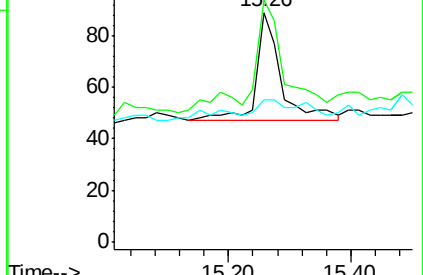


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.26



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE090338.D

Acq: 4 Aug 2015 9:24

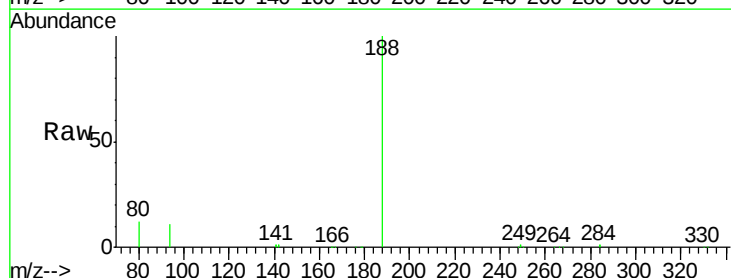
Tgt Ion:188 Resp: 32130

Ion Ratio Lower Upper

188 100

94 11.1 9.5 14.3

80 12.2 10.0 15.0

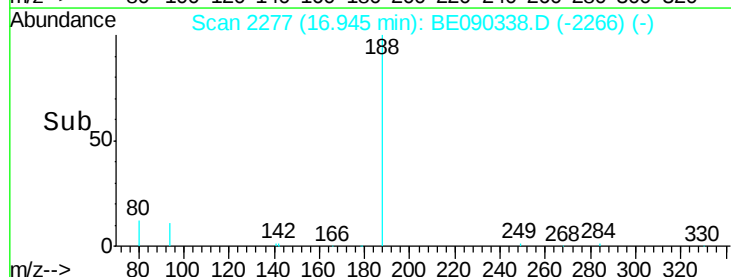
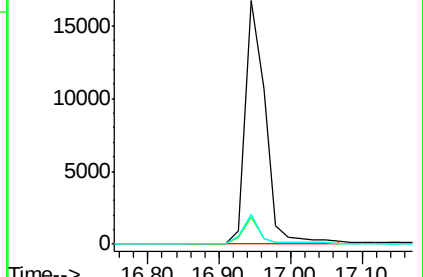


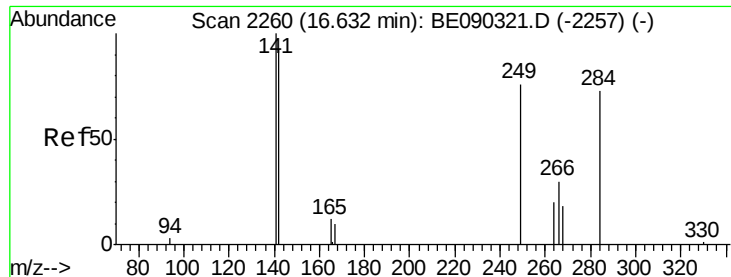
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

16.94





#21

Pentachlorophenol

Concen: 0.80 ng

RT: 16.61 min Scan# 2258

Delta R.T. -0.02 min

Lab File: BE090338.D

Acq: 4 Aug 2015 9:24

Instrument :

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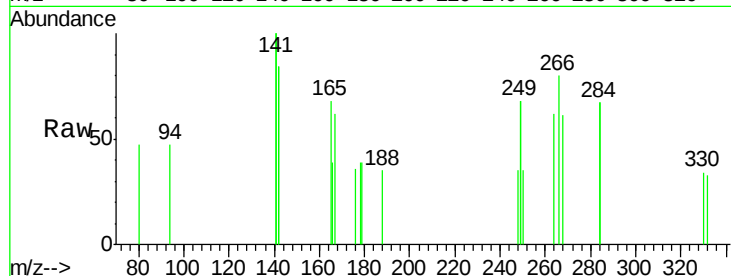
Tgt Ion:266 Resp: 148

Ion Ratio Lower Upper

266 100

268 75.7 66.2 99.2

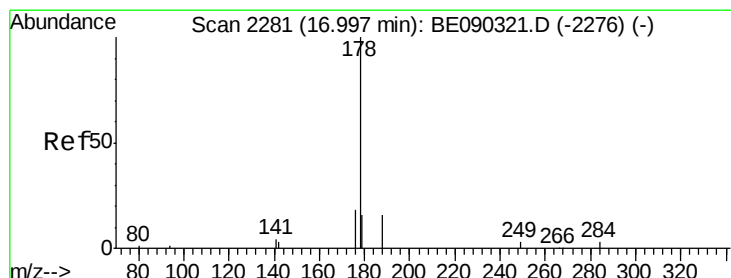
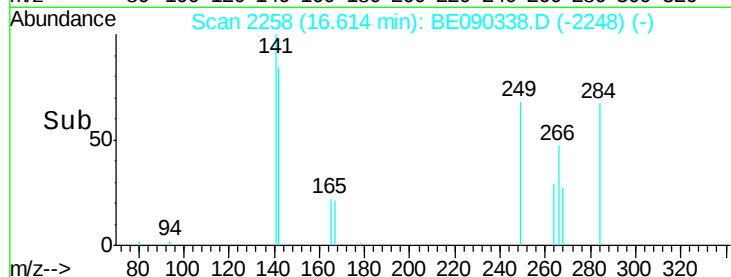
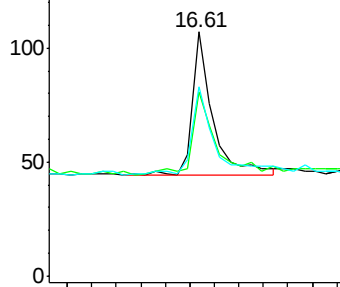
264 77.6 69.1 103.7



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#22

Phenanthrene

Concen: 0.03 ng

RT: 17.00 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BE090338.D

Acq: 4 Aug 2015 9:24

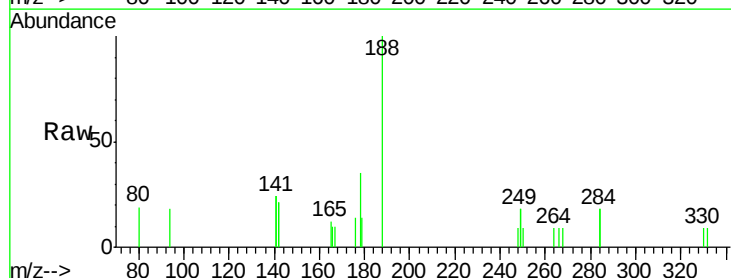
Tgt Ion:178 Resp: 241

Ion Ratio Lower Upper

178 100

176 23.2 15.5 23.3

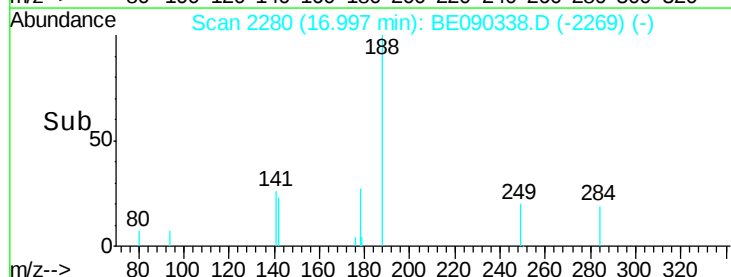
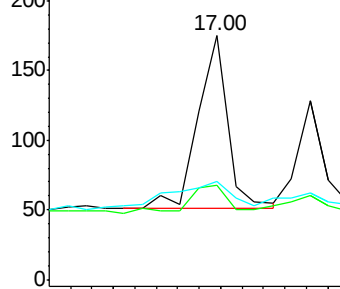
179 35.3 12.6 18.8#

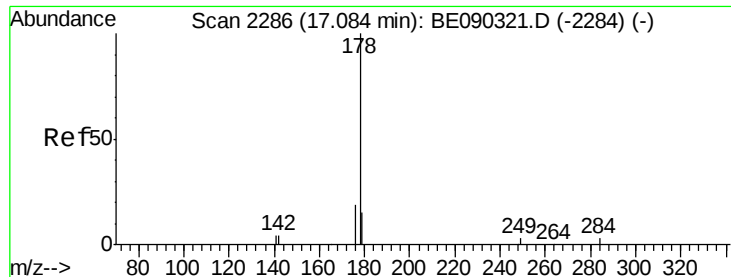


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.02 ng

RT: 17.08 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BE090338.D

Acq: 4 Aug 2015 9:24

Instrument :

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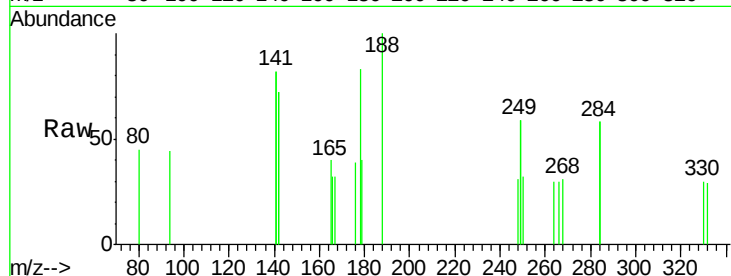
Tgt Ion:178 Resp: 142

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

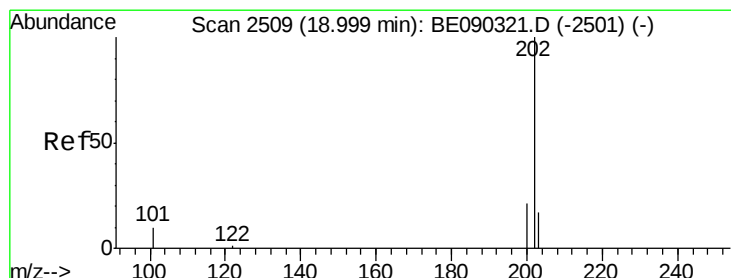
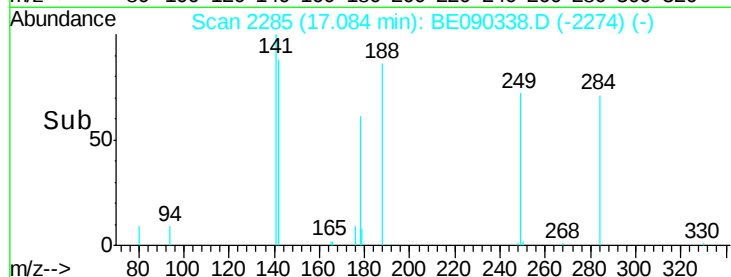
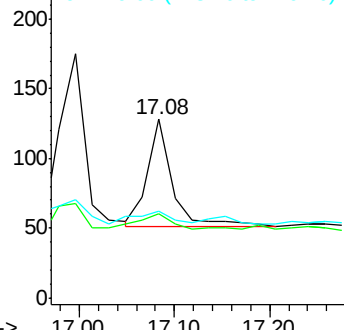
179 16.9 12.1 18.1



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



#24

Fluoranthene

Concen: 0.03 ng

RT: 18.99 min Scan# 2507

Delta R.T. -0.01 min

Lab File: BE090338.D

Acq: 4 Aug 2015 9:24

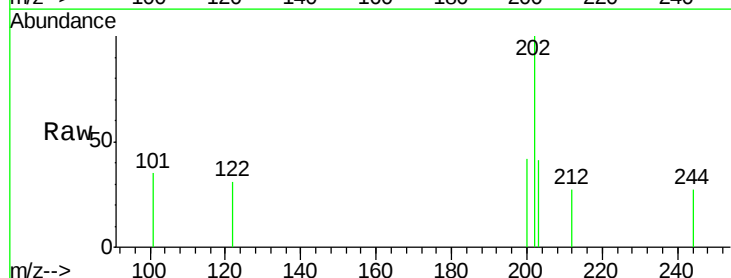
Tgt Ion:202 Resp: 201

Ion Ratio Lower Upper

202 100

101 12.4 8.3 12.5

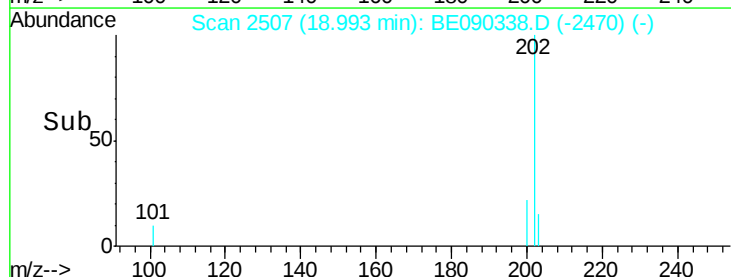
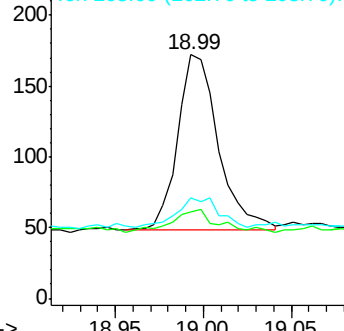
203 17.4 13.8 20.8

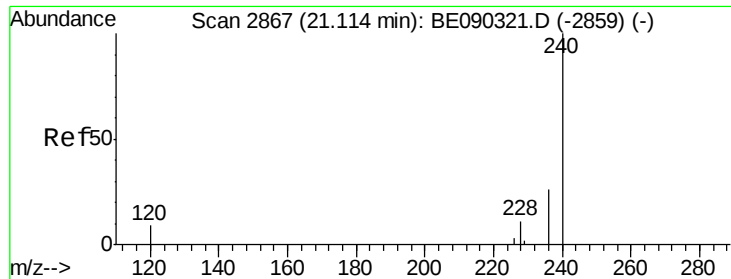


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.11 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BE090338.D

Acq: 4 Aug 2015 9:24

Instrument :

BNA_E

ClientSampleId :

080215-D506-F-U-B

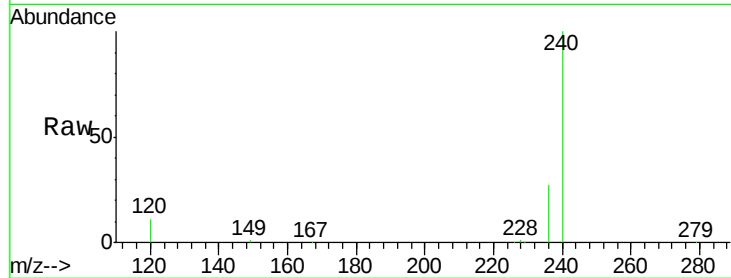
Tgt Ion:240 Resp: 28205

Ion Ratio Lower Upper

240 100

120 11.2 7.5 11.3

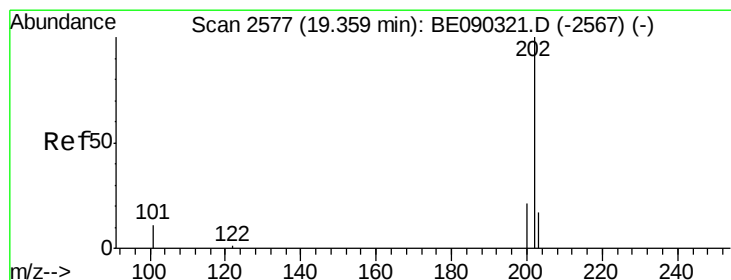
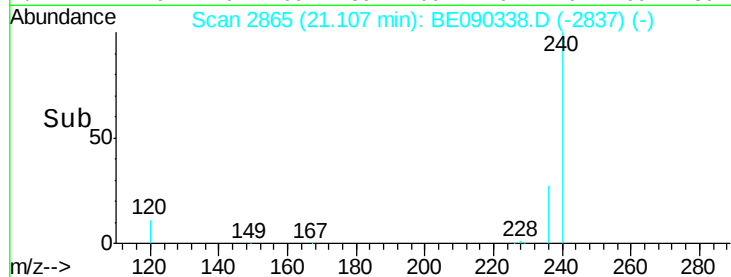
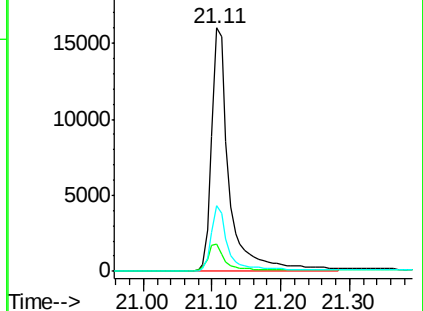
236 26.8 21.0 31.4



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



#26

Pyrene

Concen: 0.03 ng

RT: 19.35 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BE090338.D

Acq: 4 Aug 2015 9:24

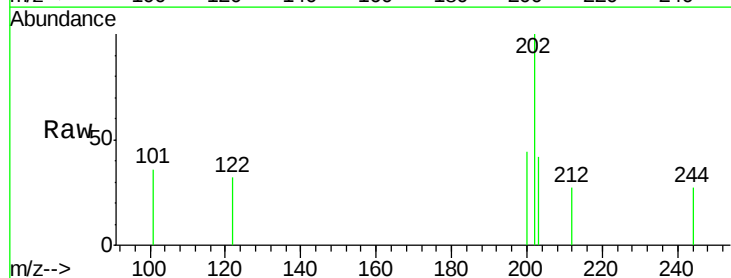
Tgt Ion:202 Resp: 209

Ion Ratio Lower Upper

202 100

200 24.9 16.6 24.8#

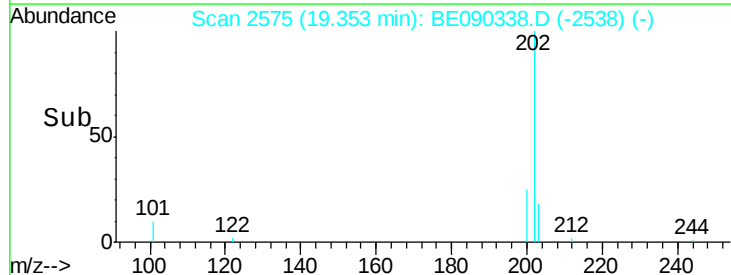
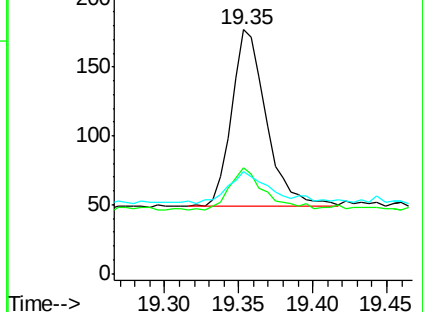
203 23.4 13.8 20.6#

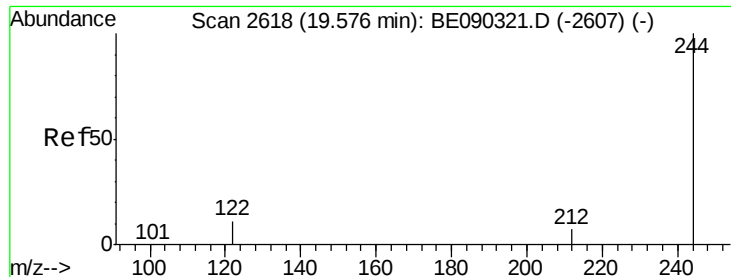


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

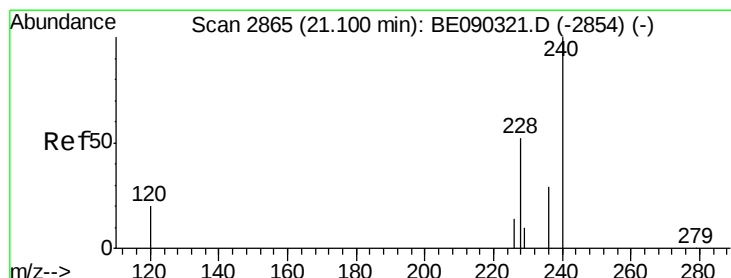
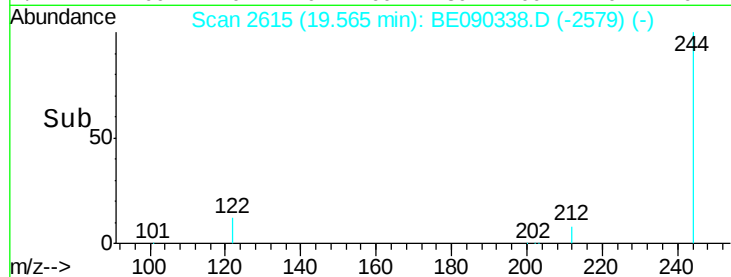
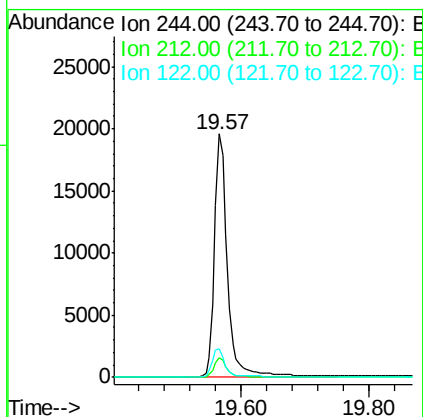
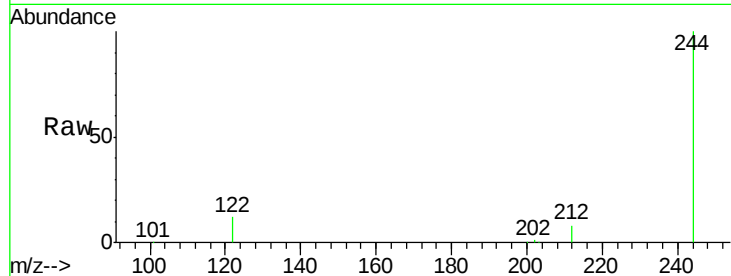




#27
 Terphenyl-d14
 Concen: 5.24 ng
 RT: 19.57 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: BE090338.D
 Acq: 4 Aug 2015 9:24

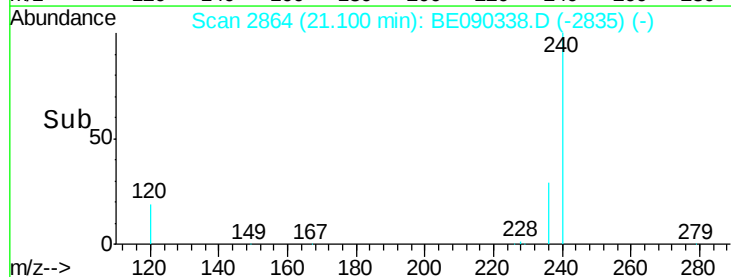
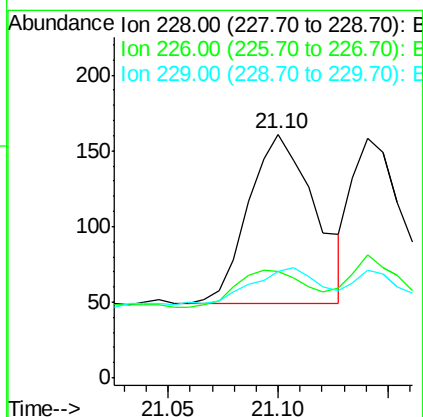
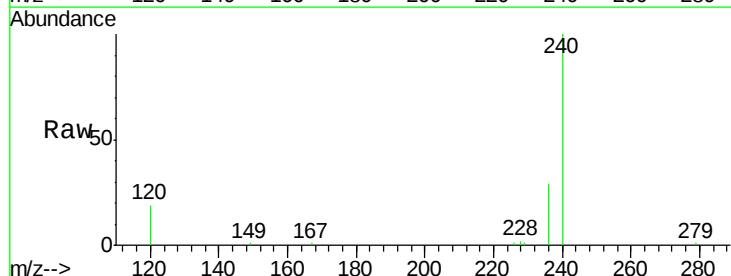
Instrument :
 BNA_E
 ClientSampleId :
 080215-D506-F-U-B

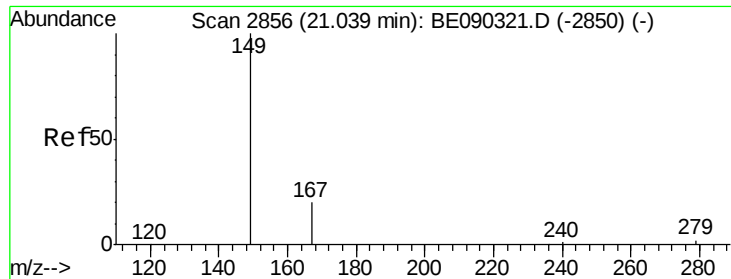
Tgt Ion: 244 Resp: 27666
 Ion Ratio Lower Upper
 244 100
 212 8.0 7.4 11.2
 122 11.8 10.4 15.6



#28
 Benzo(a)anthracene
 Concen: 0.04 ng
 RT: 21.10 min Scan# 2864
 Delta R.T. -0.00 min
 Lab File: BE090338.D
 Acq: 4 Aug 2015 9:24

Tgt Ion: 228 Resp: 237
 Ion Ratio Lower Upper
 228 100
 226 43.5 23.0 34.4#
 229 43.5 17.4 26.2#

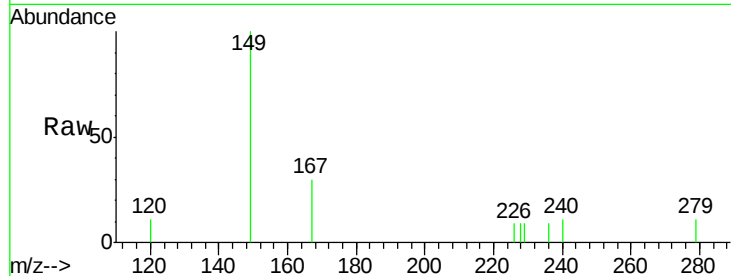




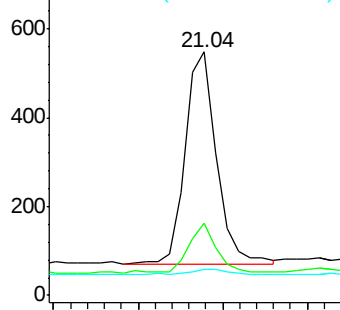
#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.48 ng
 RT: 21.04 min Scan# 2855
 Delta R.T. 0.00 min
 Lab File: BE090338.D
 Acq: 4 Aug 2015 9:24

Instrument :
 BNA_E
 ClientSampleId :
 080215-D506-F-U-B

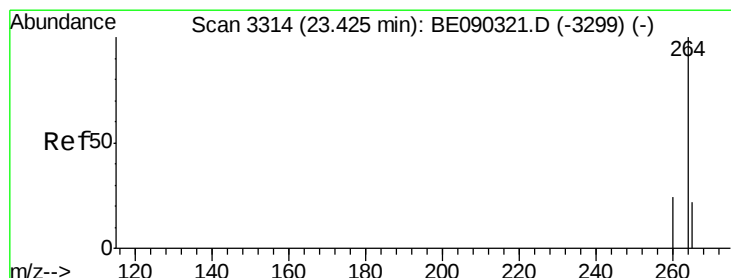
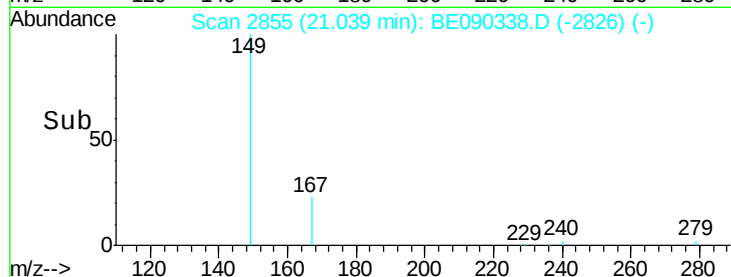
Tgt Ion: 149 Resp: 616
 Ion Ratio Lower Upper
 149 100
 167 20.3 16.6 24.8
 279 3.2 2.7 4.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

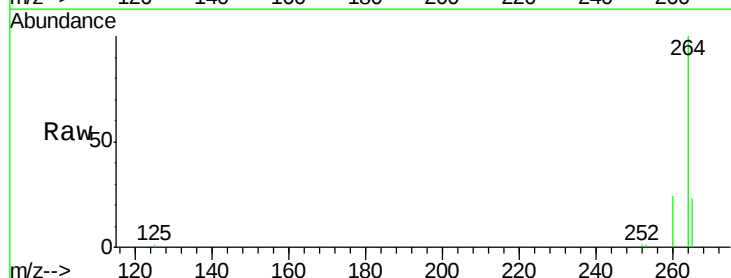


Time--> 20.95 21.00 21.05 21.10

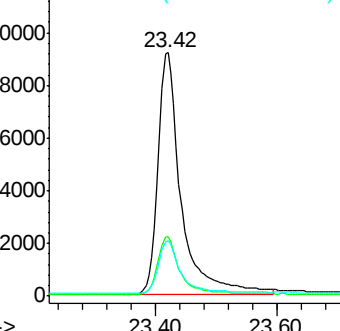


#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.42 min Scan# 3312
 Delta R.T. -0.00 min
 Lab File: BE090338.D
 Acq: 4 Aug 2015 9:24

Tgt Ion: 264 Resp: 24436
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.1 30.1
 265 22.9 18.6 28.0



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



Time--> 23.40 23.60

