

Data Path : Z:\HPCHEM1\BNA_E\Data\BE080315\
 Data File : BE090336.D
 Acq On : 4 Aug 2015 8:13
 Operator : TP/UM
 Sample : G3174-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 080115-D506-E-D-M

Quant Time: Aug 04 13:01:06 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	5968	5.00	ng	0.00
6) Naphthalene-d8	10.35	136	25406	5.00	ng	0.00
12) Acenaphthene-d10	14.21	164	13241	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	27845	5.00	ng	0.00
25) Chrysene-d12	21.11	240	24648	5.00	ng	0.00
32) Perylene-d12	23.42	264	21313	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	2972	2.61	ng	0.00
5) Phenol-d6	6.78	99	2341	1.67	ng	0.00
7) Nitrobenzene-d5	8.73	82	5888	3.92	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	1309	5.58	ng	-0.02
14) 2-Fluorobiphenyl	12.83	172	14770	3.85	ng	0.00
27) Terphenyl-d14	19.57	244	20978	4.55	ng	-0.01

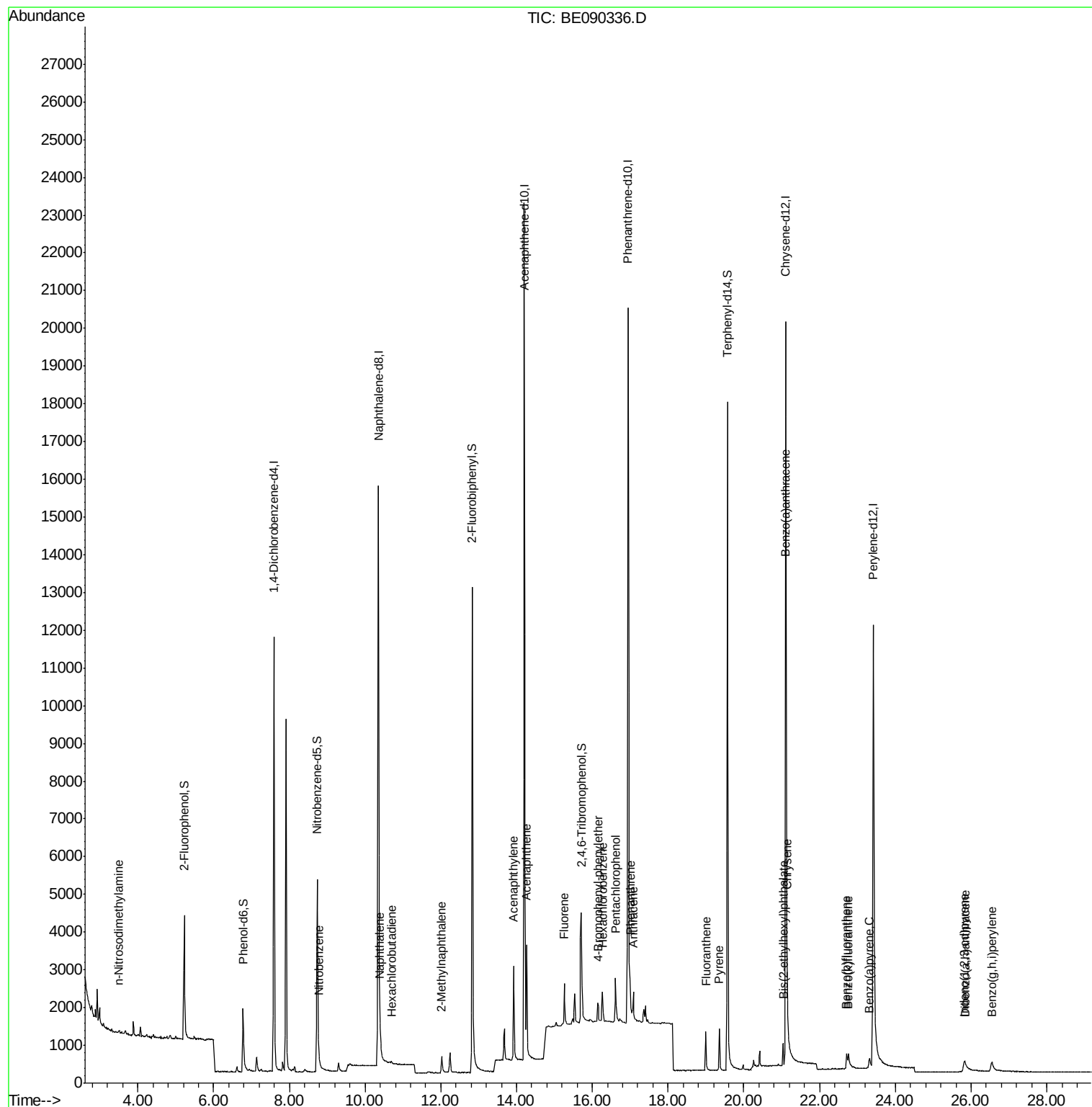
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	36	Below Cal	#	28
3) n-Nitrosodimethylamine	3.51	42	37	0.04	ng	55
8) Nitrobenzene	8.78	77	134	0.09	ng	96
9) Naphthalene	10.40	128	554	0.10	ng	71
10) Hexachlorobutadiene	10.69	225	46	0.06	ng	85
11) 2-Methylnaphthalene	12.02	142	465	0.14	ng	94
15) Acenaphthylene	13.93	152	3578	0.15	ng	99
16) Acenaphthene	14.27	154	524	0.16	ng	96
17) Fluorene	15.26	166	619	0.15	ng	# 88
19) 4-Bromophenyl-phenylether	16.16	248	174	0.17	ng	81
20) Hexachlorobenzene	16.27	284	658	0.17	ng	98
21) Pentachlorophenol	16.61	266	718	3.16	ng	85
22) Phenanthrene	17.00	178	1074	0.17	ng	96
23) Anthracene	17.08	178	875	0.15	ng	100
24) Fluoranthene	18.99	202	1140	0.18	ng	99
26) Pyrene	19.36	202	1156	0.17	ng	99
28) Benzo(a)anthracene	21.09	228	860	0.18	ng	# 91
29) Chrysene	21.14	228	1082	0.13	ng	# 91
30) Bis(2-ethylhexyl)phthalate	21.03	149	596	0.52	ng	94
31) Indeno(1,2,3-cd)pyrene	25.81	276	648	0.37	ng	# 87
33) Benzo(b)fluoranthene	22.71	252	589	0.49	ng	# 78
34) Benzo(k)fluoranthene	22.76	252	871	0.15	ng	# 78
35) Benzo(a)pyrene	23.32	252	612	0.46	ng	# 74
36) Dibenzo(a,h)anthracene	25.84	278	441	0.41	ng	# 82
37) Benzo(g,h,i)perylene	26.55	276	787	0.43	ng	# 84

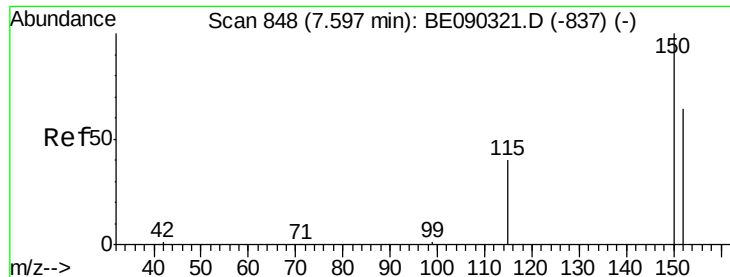
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 04 02:31:31 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.60 min Scan# 848

Delta R.T. -0.00 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

Instrument :

BNA_E

ClientSampleId :

080115-D506-E-D-M

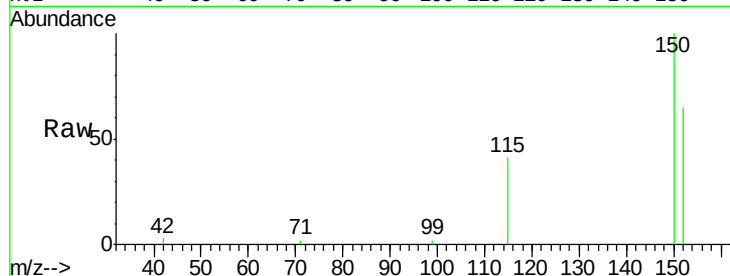
Tgt Ion: 152 Resp: 5968

Ion Ratio Lower Upper

152 100

150 153.0 124.2 186.2

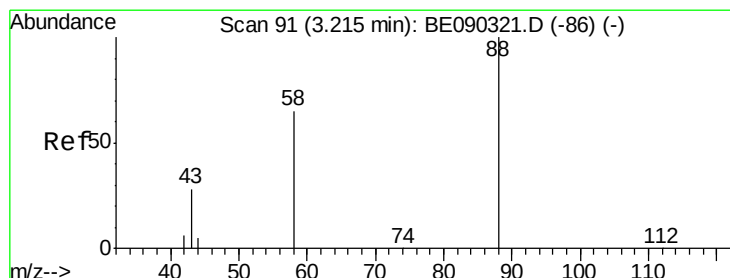
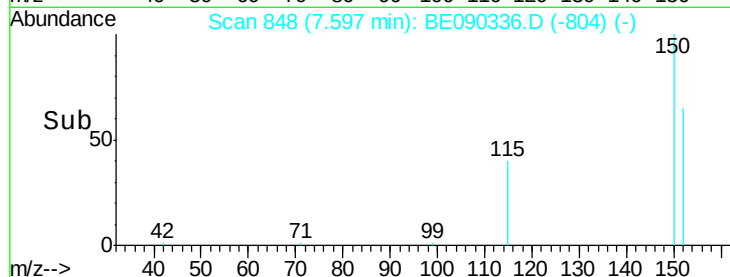
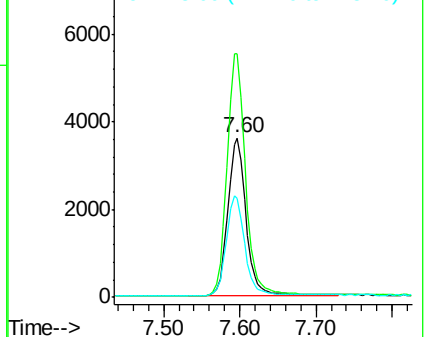
115 62.4 50.4 75.6



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



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.31 min Scan# 104

Delta R.T. 0.09 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

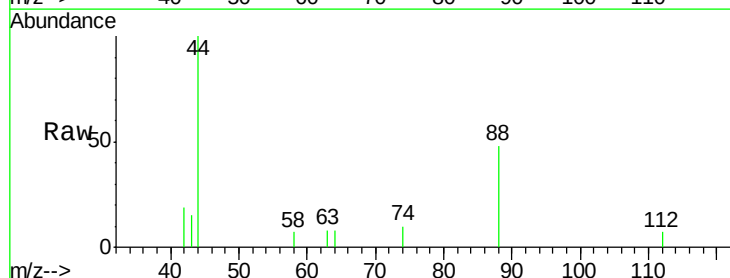
Tgt Ion: 88 Resp: 36

Ion Ratio Lower Upper

88 100

58 11.1 50.2 75.2#

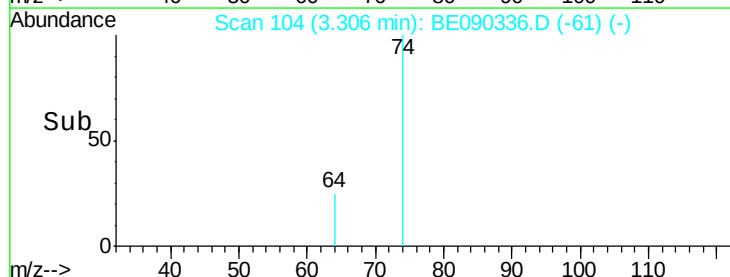
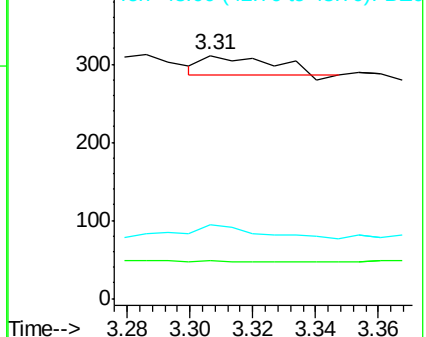
43 77.8 25.0 37.6#

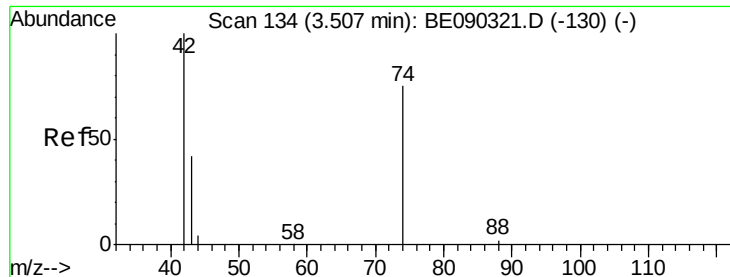


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.04 ng

RT: 3.51 min Scan# 134

Delta R.T. 0.00 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

Instrument :

BNA_E

ClientSampleId :

080115-D506-E-D-M

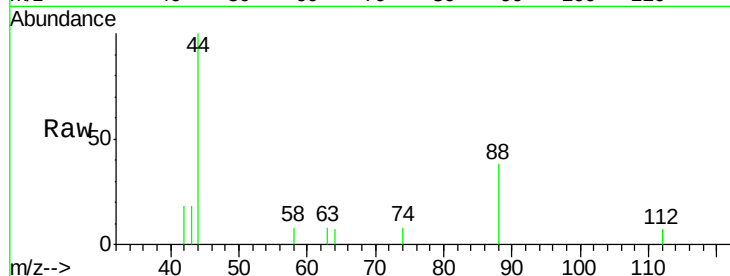
Tgt Ion: 42 Resp: 37

Ion Ratio Lower Upper

42 100

74 56.8 73.2 109.8#

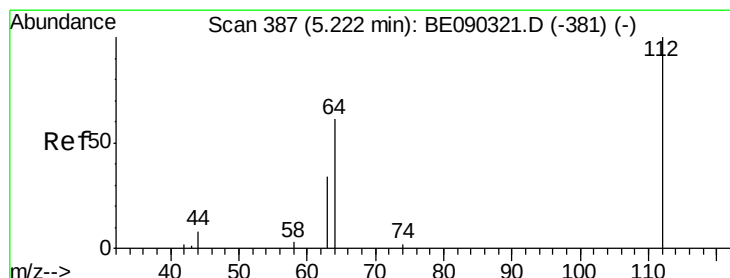
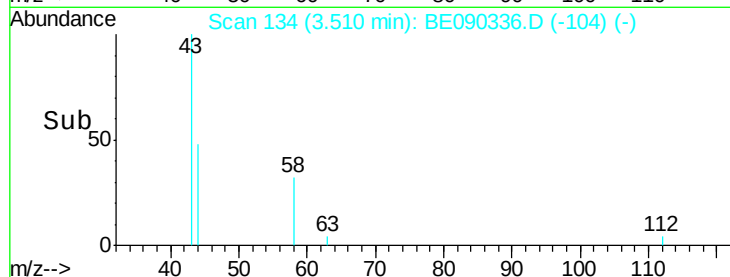
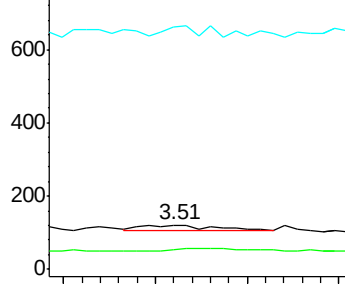
44 75.7 3.8 5.6#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 2.61 ng

RT: 5.23 min Scan# 387

Delta R.T. 0.00 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

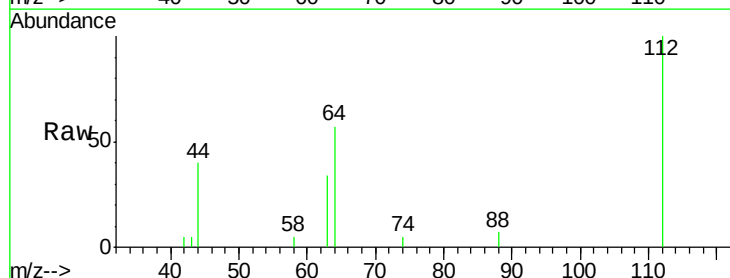
Tgt Ion: 112 Resp: 2972

Ion Ratio Lower Upper

112 100

64 58.3 49.0 73.4

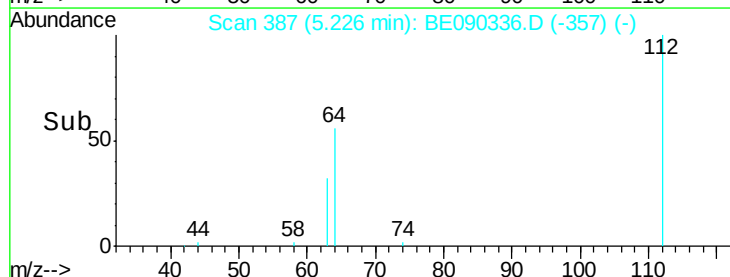
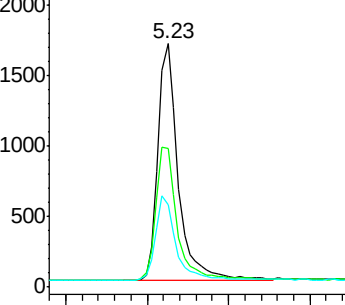
63 35.4 27.7 41.5

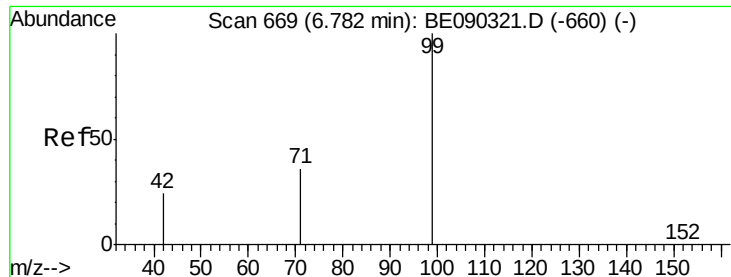


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.67 ng

RT: 6.78 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

Instrument :

BNA_E

ClientSampleId :

080115-D506-E-D-M

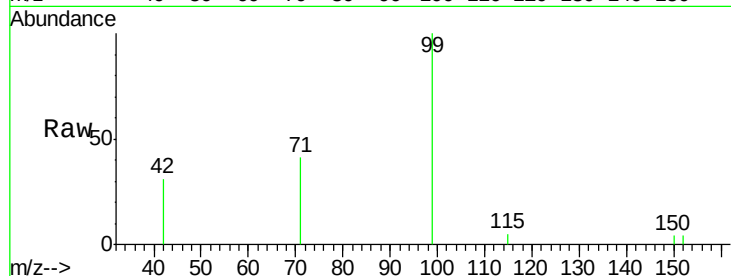
Tgt Ion: 99 Resp: 2341

Ion Ratio Lower Upper

99 100

42 24.5 22.2 33.2

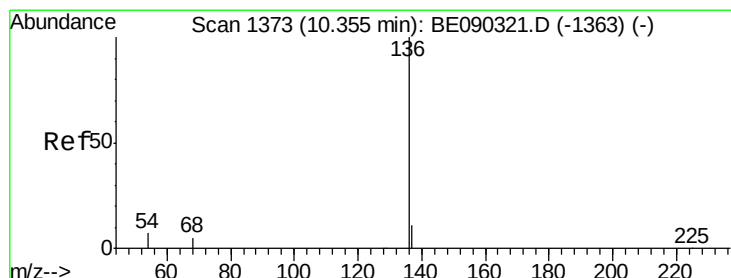
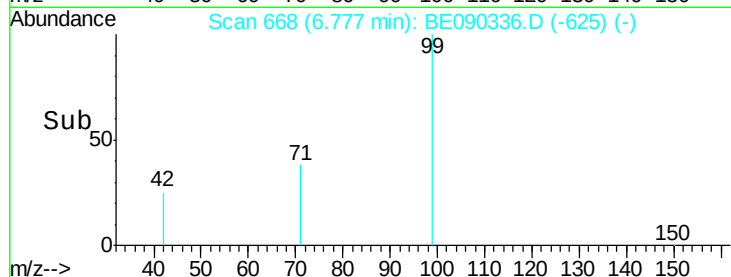
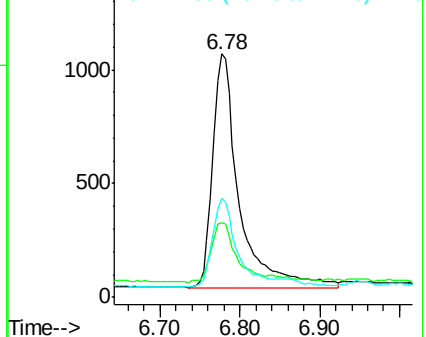
71 35.2 29.2 43.8



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: BE090336.D

Acq: 4 Aug 2015 8:13

Tgt Ion: 136 Resp: 25406

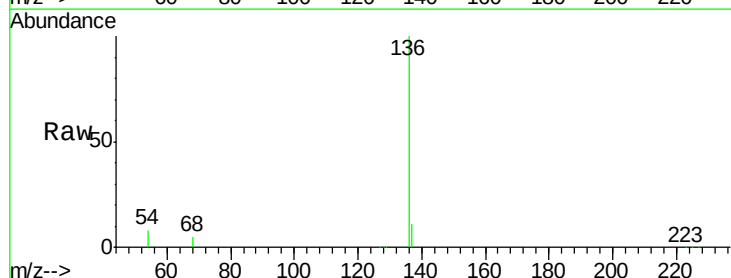
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.8 6.0 9.0

68 5.4 3.9 5.9

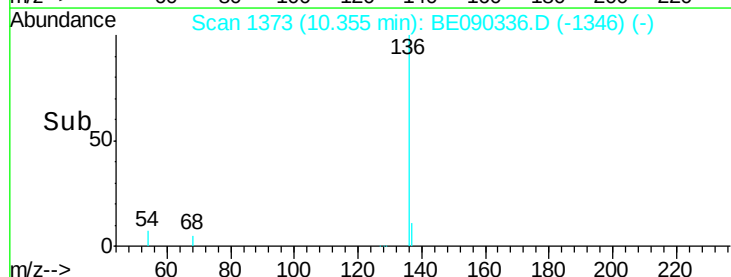
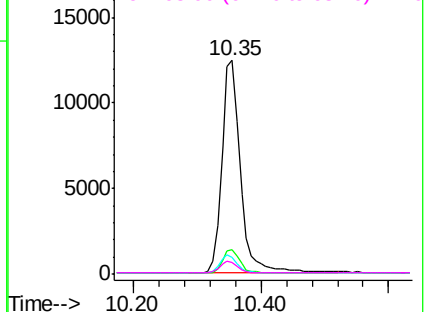


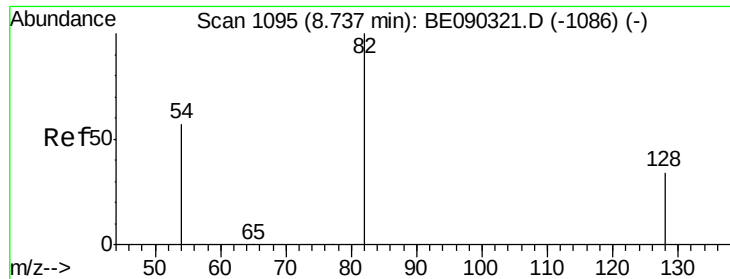
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.92 ng

RT: 8.73 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

Instrument :

BNA_E

ClientSampleId :

080115-D506-E-D-M

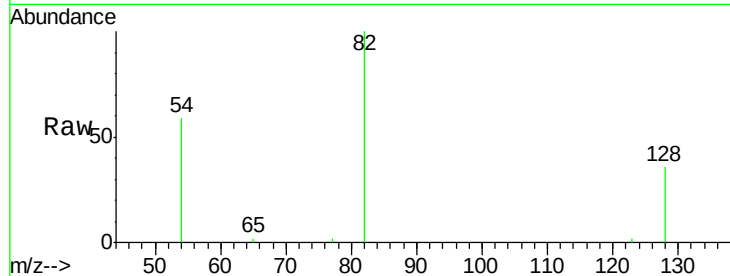
Tgt Ion: 82 Resp: 5888

Ion Ratio Lower Upper

82 100

128 35.5 30.8 46.2

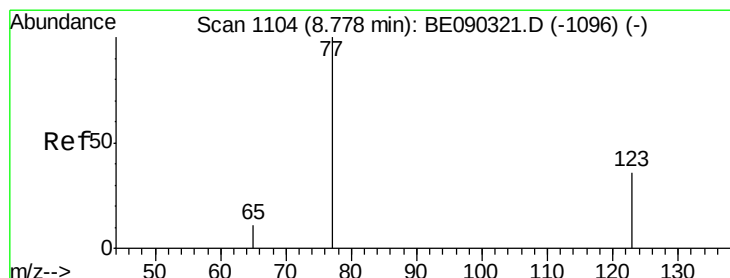
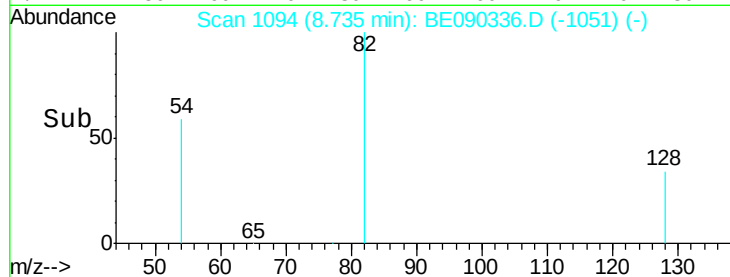
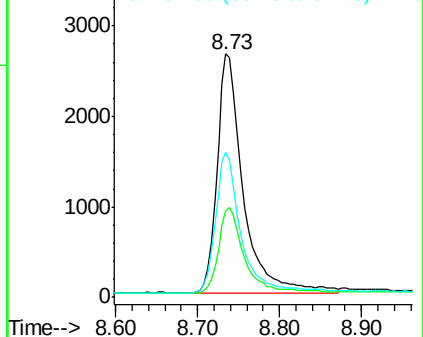
54 59.4 47.5 71.3



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



#8

Nitrobenzene

Concen: 0.09 ng

RT: 8.78 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

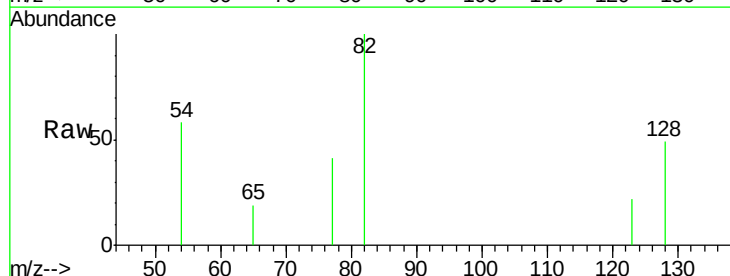
Tgt Ion: 77 Resp: 134

Ion Ratio Lower Upper

77 100

123 39.6 29.6 44.4

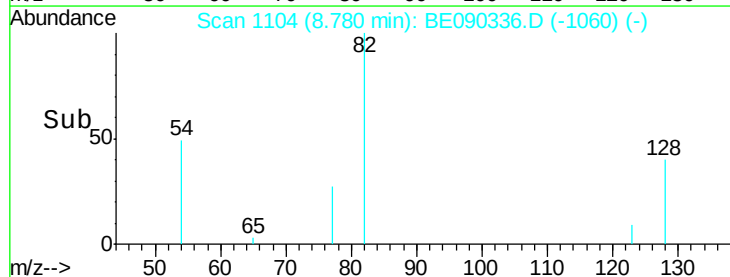
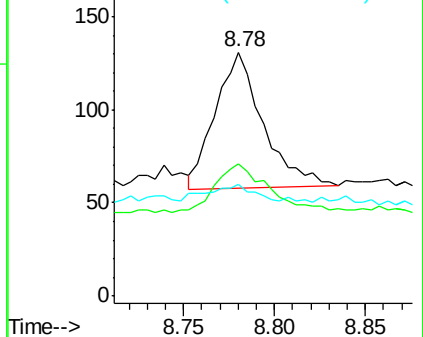
65 14.9 10.4 15.6

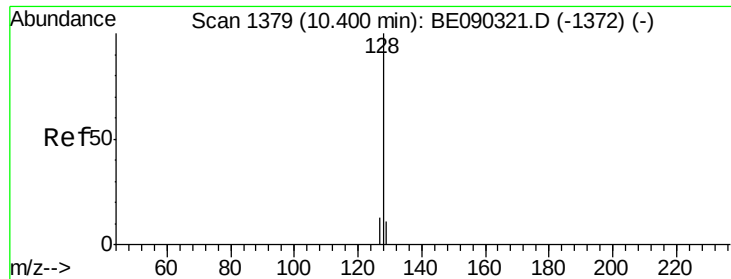


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.10 ng

RT: 10.40 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

Instrument :

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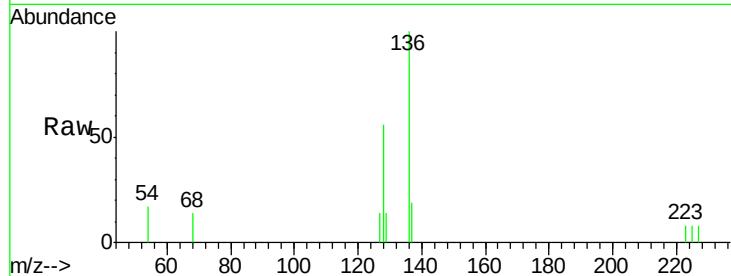
Tgt Ion:128 Resp: 554

Ion Ratio Lower Upper

128 100

129 24.3 10.1 15.1#

127 25.5 11.3 16.9#



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

10.40

300

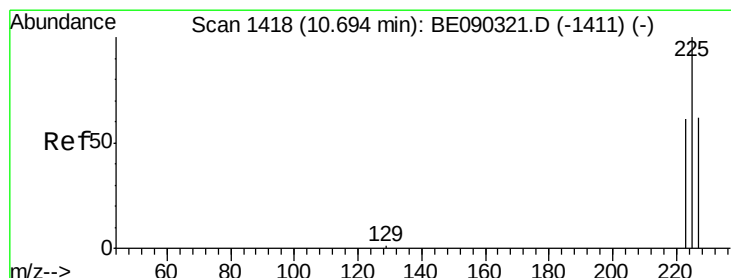
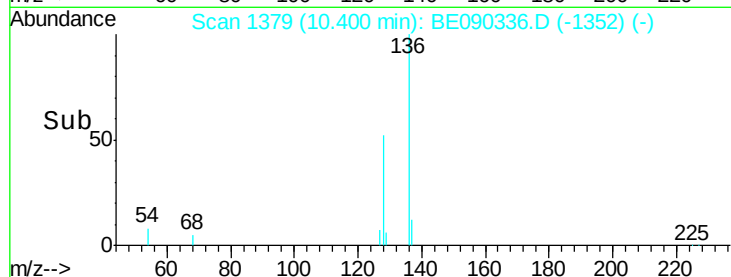
200

100

0

10.30 10.40 10.50

Time-->



#10

Hexachlorobutadiene

Concen: 0.06 ng

RT: 10.69 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

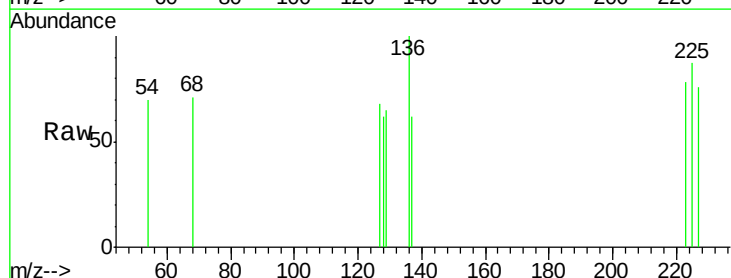
Tgt Ion:225 Resp: 46

Ion Ratio Lower Upper

225 100

223 67.4 50.4 75.6

227 80.4 49.6 74.4#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

10.69

80

60

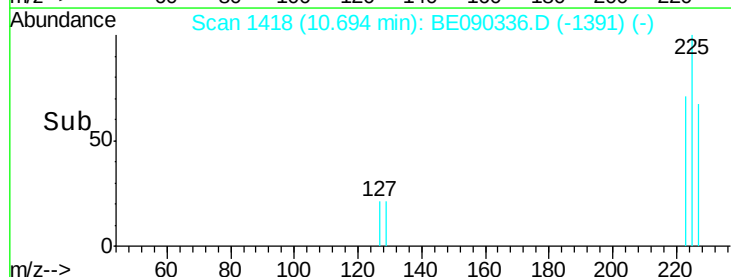
40

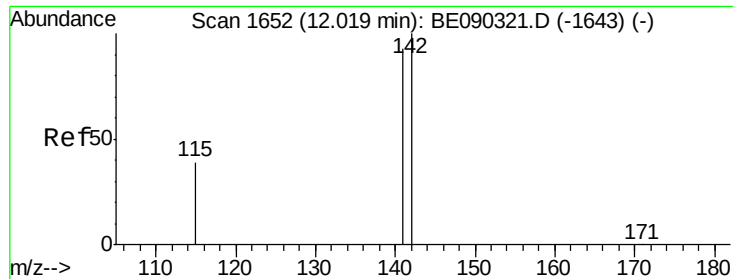
20

0

10.65 10.70 10.75

Time-->

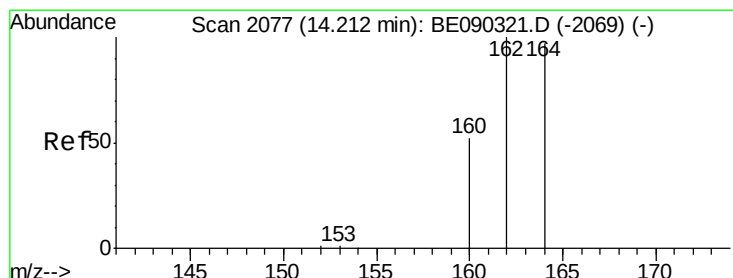
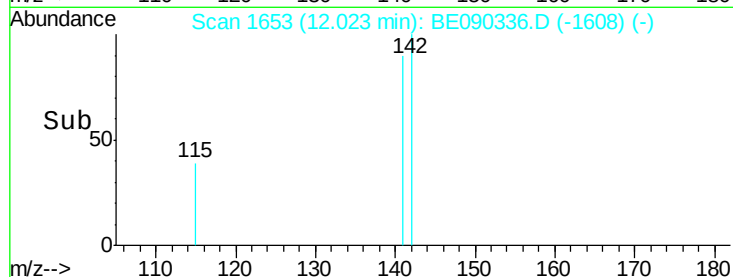
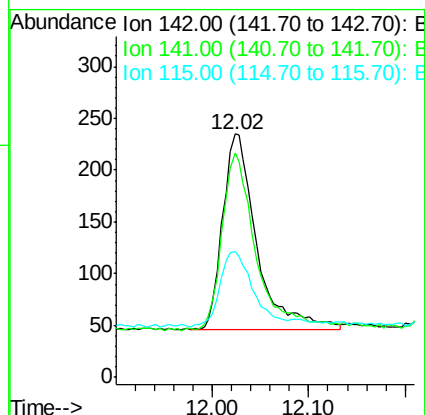
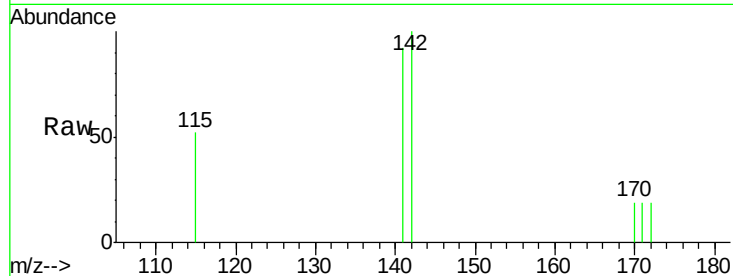




#11
2-Methylnaphthalene
Concen: 0.14 ng
RT: 12.02 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BE090336.D
Acq: 4 Aug 2015 8:13

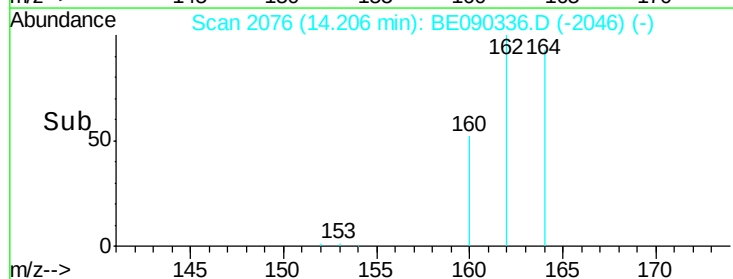
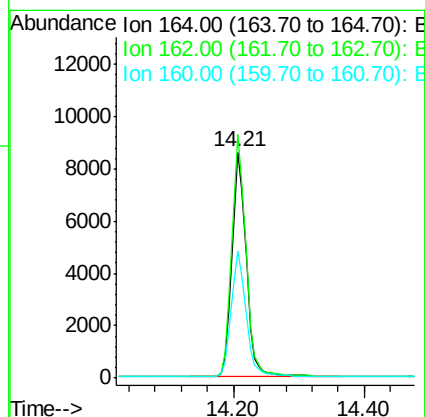
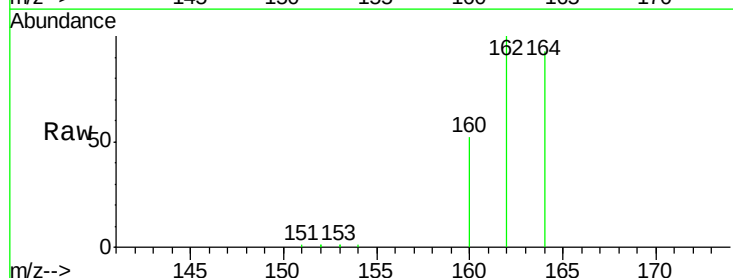
Instrument :
BNA_E
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080115-D506-E-D-M

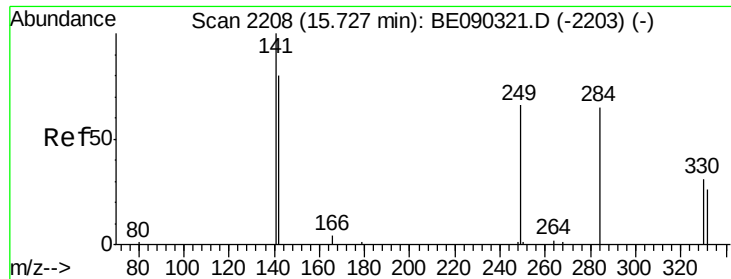
Tgt Ion:142 Resp: 465
Ion Ratio Lower Upper
142 100
141 92.3 74.6 112.0
115 51.9 32.6 49.0#



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.21 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BE090336.D
Acq: 4 Aug 2015 8:13

Tgt Ion:164 Resp: 13241
Ion Ratio Lower Upper
164 100
162 107.7 82.7 124.1
160 56.1 43.0 64.6

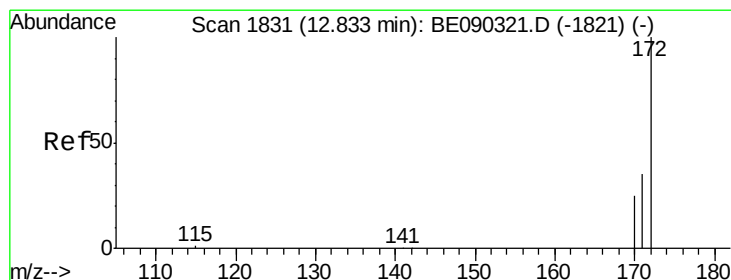
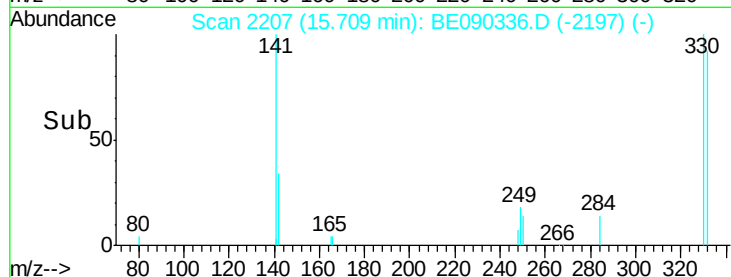
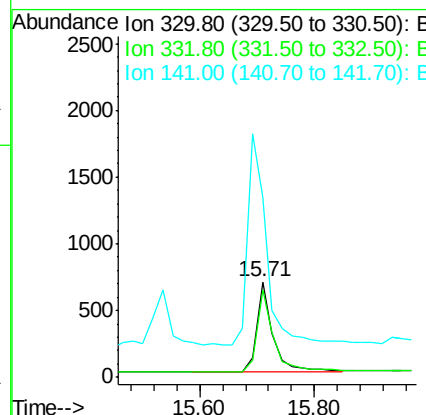
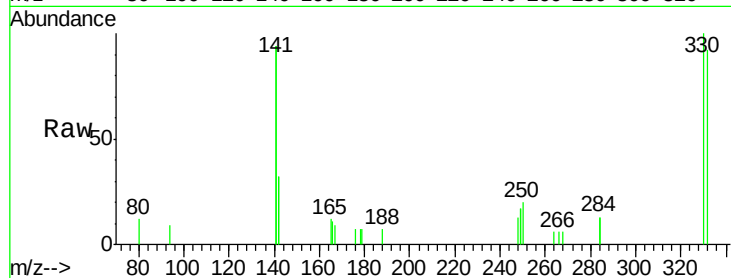




#13
 2,4,6-Tribromophenol
 Concen: 5.58 ng
 RT: 15.71 min Scan# 2207
 Delta R.T. -0.02 min
 Lab File: BE090336.D
 Acq: 4 Aug 2015 8:13

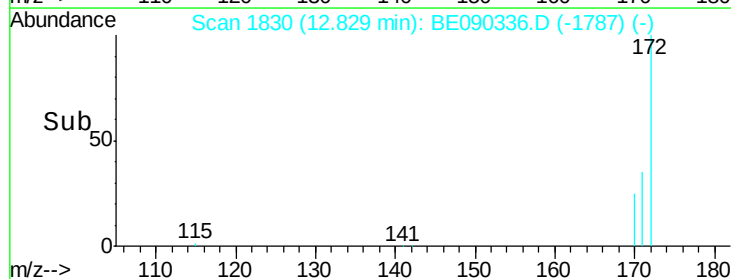
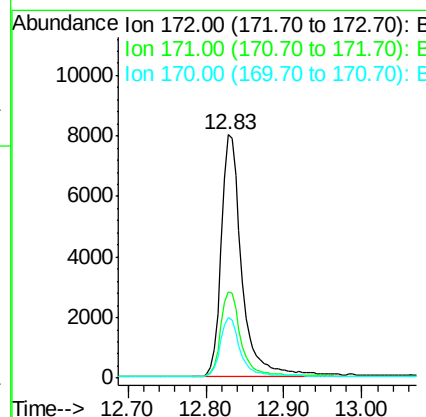
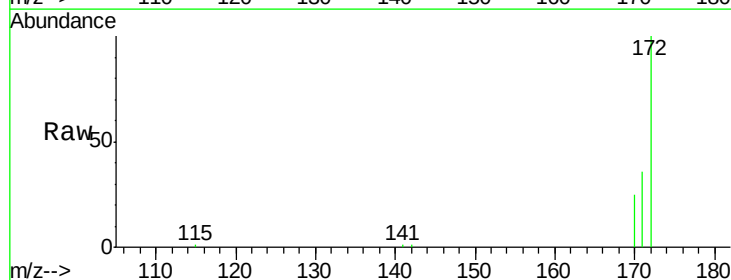
Instrument :
 BNA_E
 ClientSampleId :
 080115-D506-E-D-M

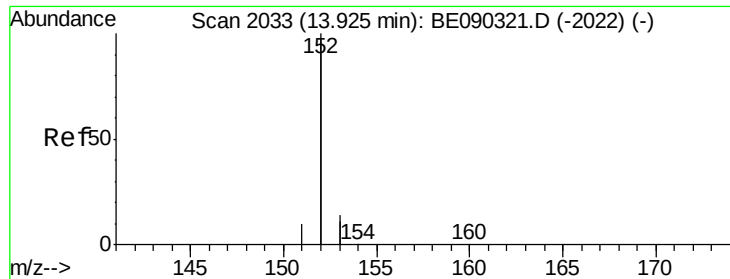
Tgt Ion: 330 Resp: 1309
 Ion Ratio Lower Upper
 330 100
 332 95.0 79.4 119.0
 141 272.7 245.9 368.9



#14
 2-Fluorobiphenyl
 Concen: 3.85 ng
 RT: 12.83 min Scan# 1830
 Delta R.T. -0.00 min
 Lab File: BE090336.D
 Acq: 4 Aug 2015 8:13

Tgt Ion: 172 Resp: 14770
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.5 44.3
 170 25.0 21.3 31.9





#15

Acenaphthylene

Concen: 0.15 ng

RT: 13.93 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

Instrument :

BNA_E

ClientSampleId :

080115-D506-E-D-M

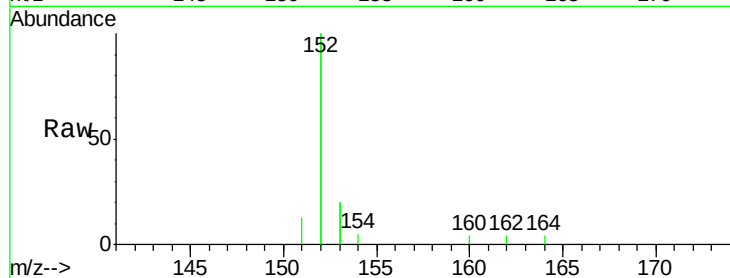
Tgt Ion:152 Resp: 3578

Ion Ratio Lower Upper

152 100

151 5.1 4.0 6.0

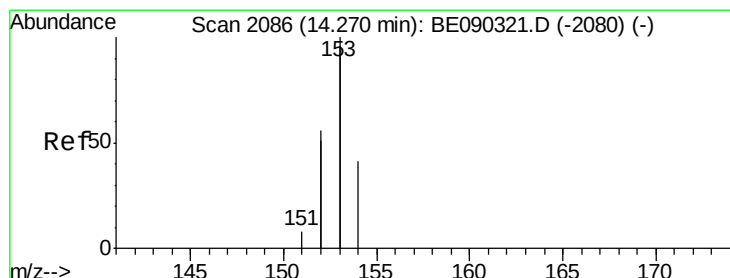
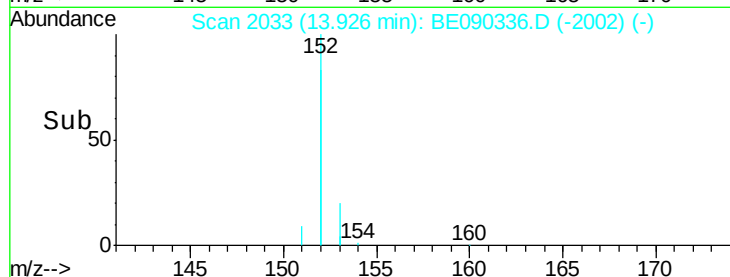
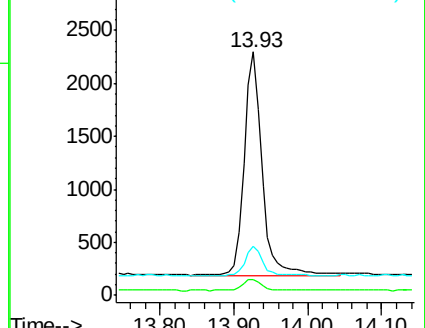
153 13.2 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.16 ng

RT: 14.27 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

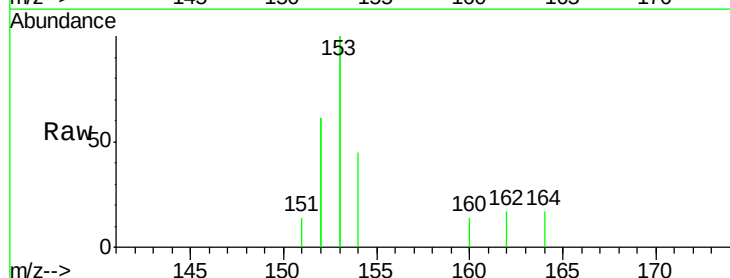
Tgt Ion:154 Resp: 524

Ion Ratio Lower Upper

154 100

153 463.7 378.0 567.0

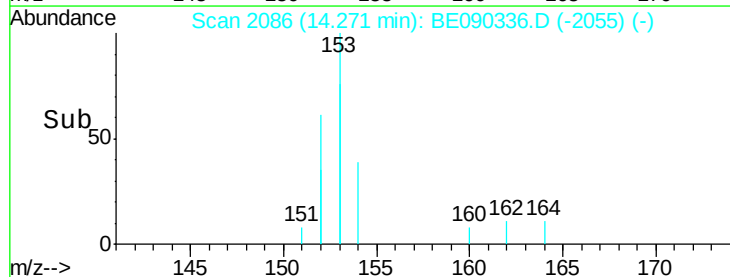
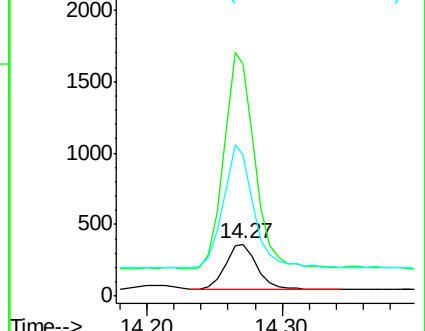
152 258.8 212.7 319.1

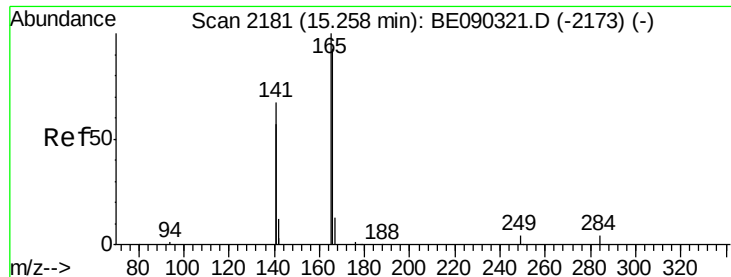


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.15 ng

RT: 15.26 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

Instrument :

BNA_E

ClientSampleId :

080115-D506-E-D-M

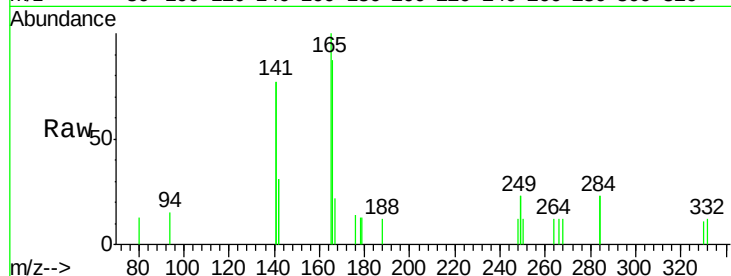
Tgt Ion:166 Resp: 619

Ion Ratio Lower Upper

166 100

165 114.9 82.6 123.8

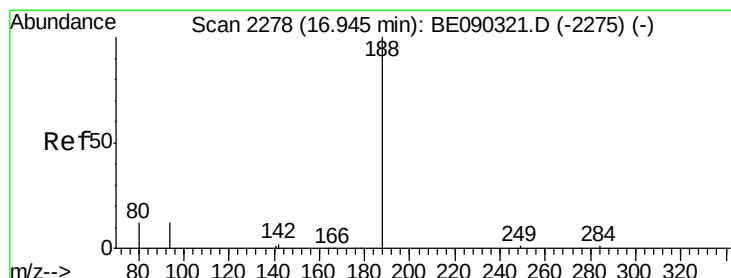
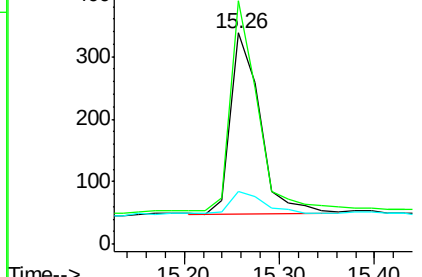
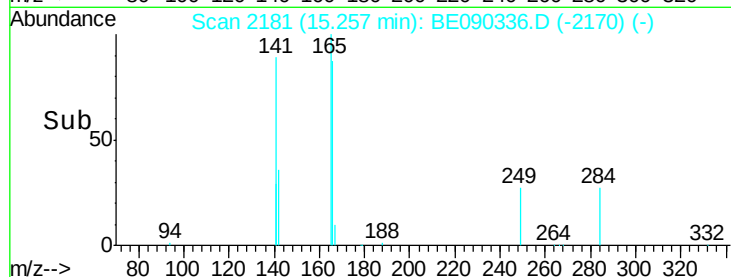
167 20.0 11.8 17.8#



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

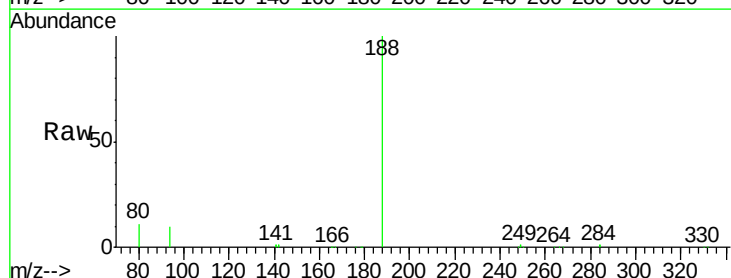
Tgt Ion:188 Resp: 27845

Ion Ratio Lower Upper

188 100

94 10.2 9.5 14.3

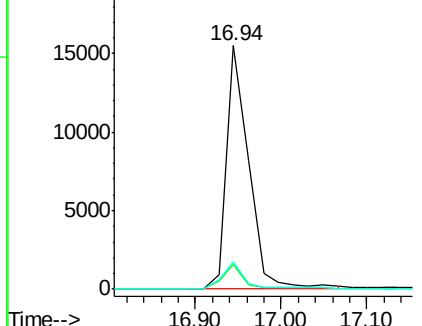
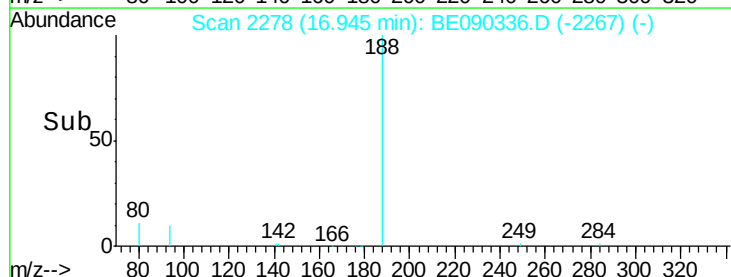
80 11.3 10.0 15.0

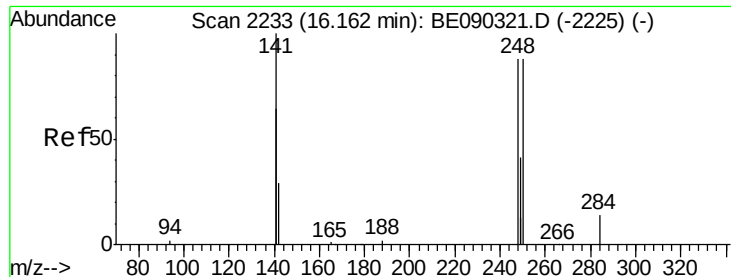


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

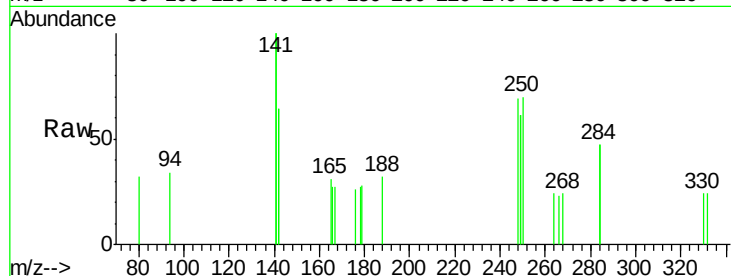




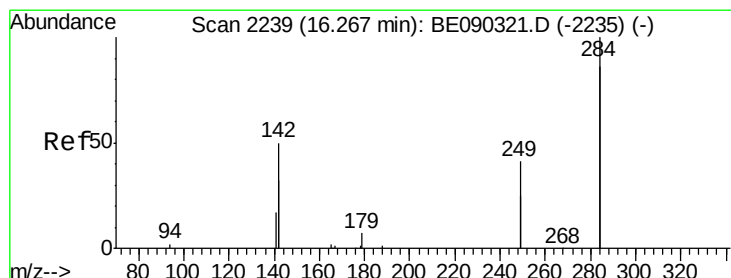
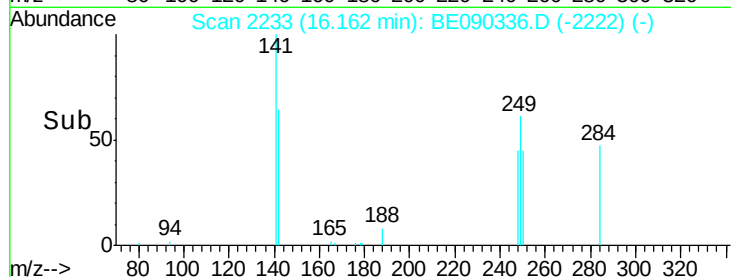
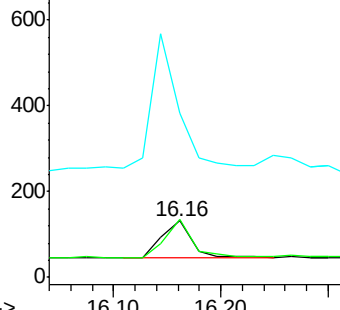
#19
4-Bromophenyl-phenylether
Concen: 0.17 ng
RT: 16.16 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BE090336.D
Acq: 4 Aug 2015 8:13

Instrument :
BNA_E
ClientSampleId :
080115-D506-E-D-M

Tgt Ion:248 Resp: 174
Ion Ratio Lower Upper
248 100
250 97.7 74.0 111.0
141 371.8 258.9 388.3

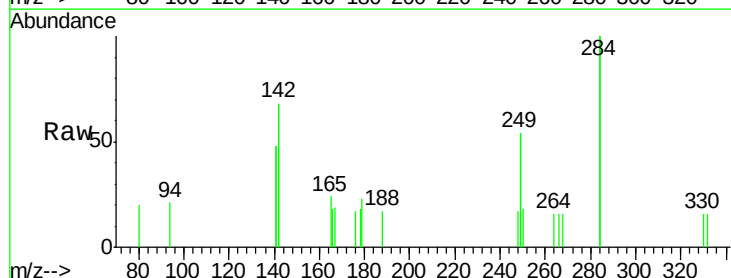


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

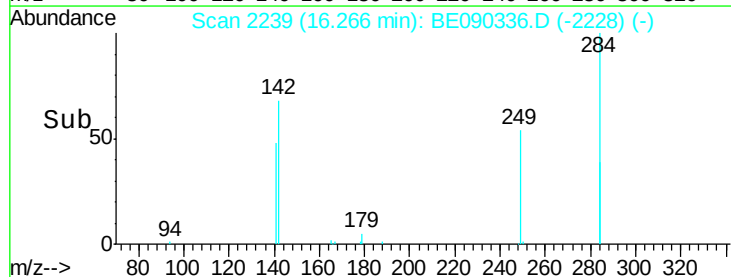
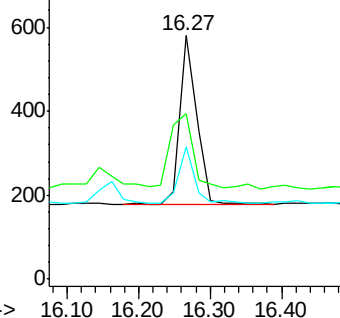


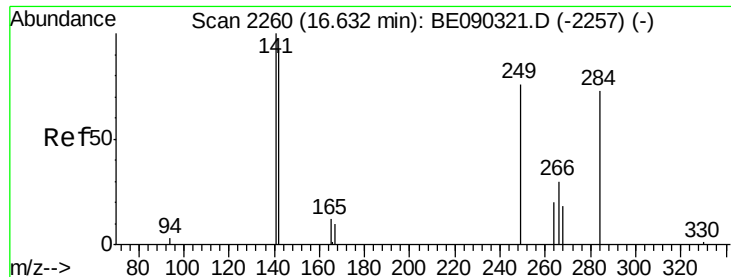
#20
Hexachlorobenzene
Concen: 0.17 ng
RT: 16.27 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BE090336.D
Acq: 4 Aug 2015 8:13

Tgt Ion:284 Resp: 658
Ion Ratio Lower Upper
284 100
142 55.2 44.2 66.4
249 30.7 26.4 39.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 3.16 ng

RT: 16.61 min Scan# 2259

Delta R.T. -0.02 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

Instrument :

BNA_E

ClientSampleId :

080115-D506-E-D-M

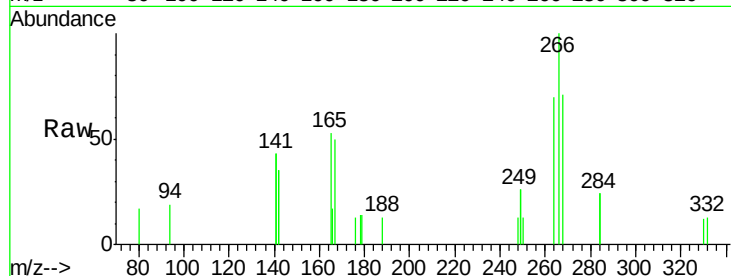
Tgt Ion: 266 Resp: 718

Ion Ratio Lower Upper

266 100

268 71.2 66.2 99.2

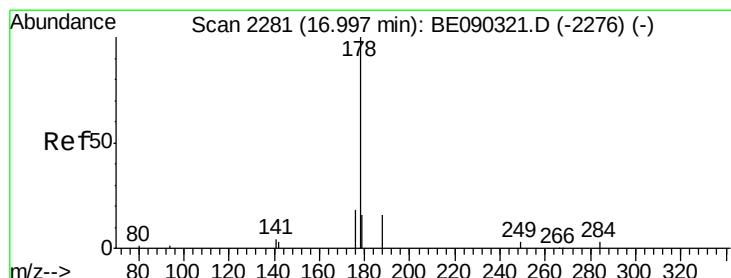
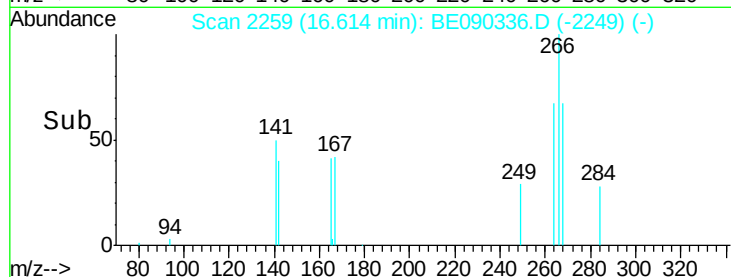
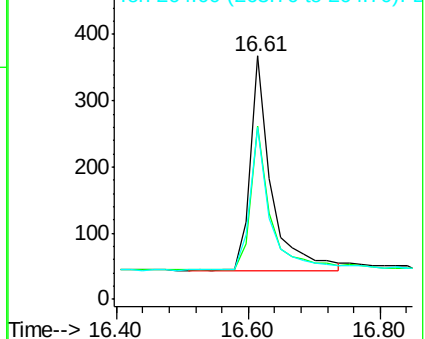
264 70.4 69.1 103.7



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: 0.17 ng

RT: 17.00 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

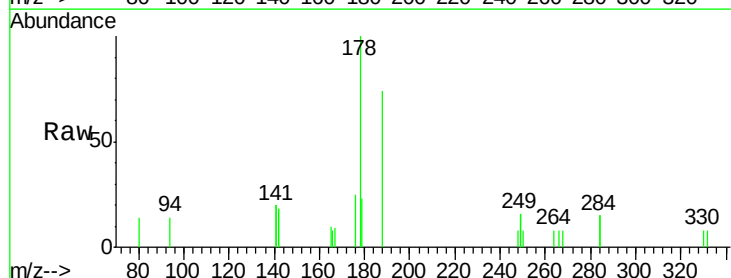
Tgt Ion: 178 Resp: 1074

Ion Ratio Lower Upper

178 100

176 20.9 15.5 23.3

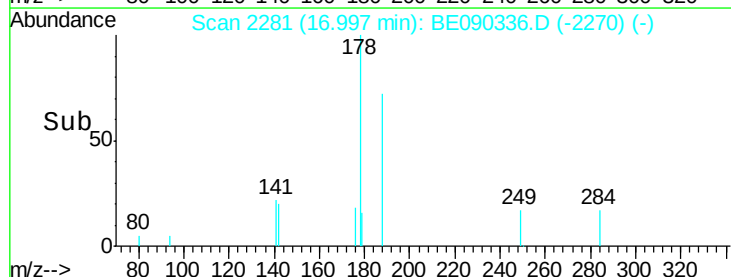
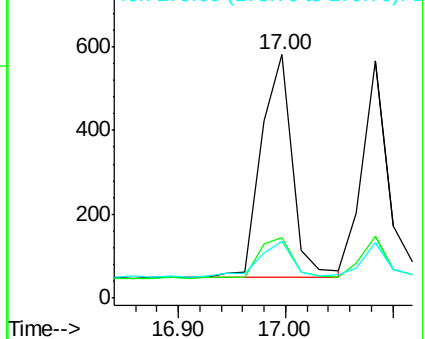
179 17.3 12.6 18.8

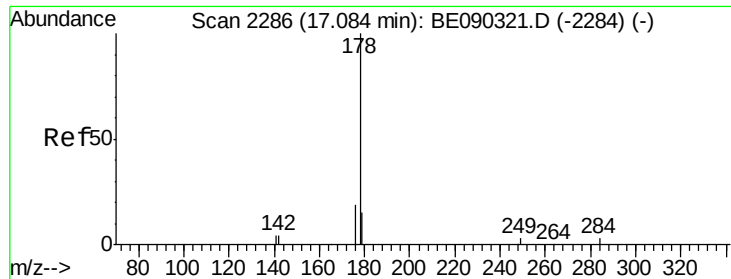


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.15 ng

RT: 17.08 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

Instrument :

BNA_E

ClientSampleId :

080115-D506-E-D-M

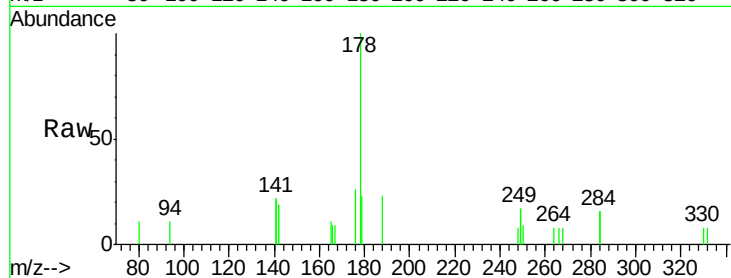
Tgt Ion:178 Resp: 875

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

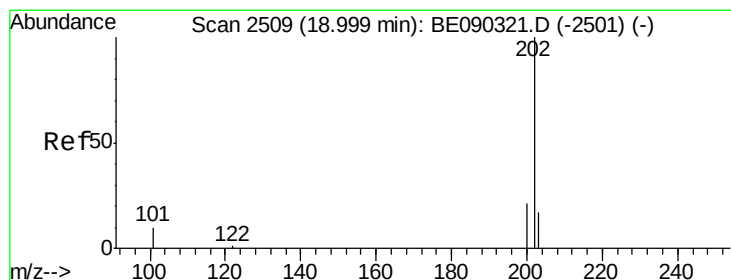
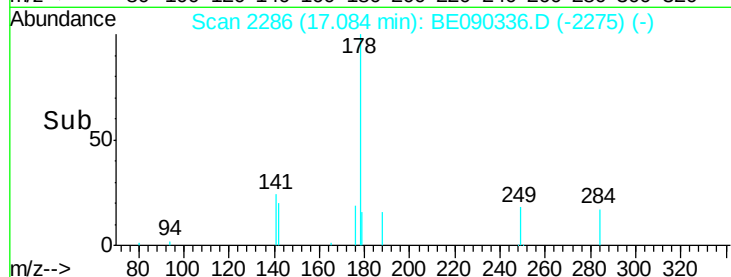
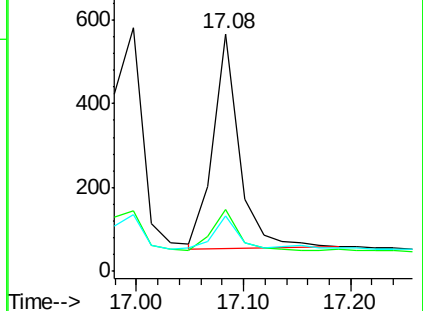
179 15.2 12.1 18.1



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: 0.18 ng

RT: 18.99 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

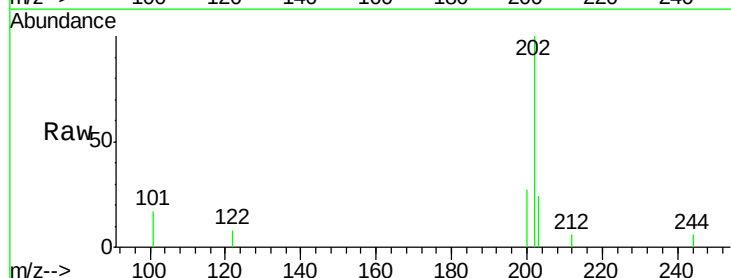
Tgt Ion:202 Resp: 1140

Ion Ratio Lower Upper

202 100

101 10.8 8.3 12.5

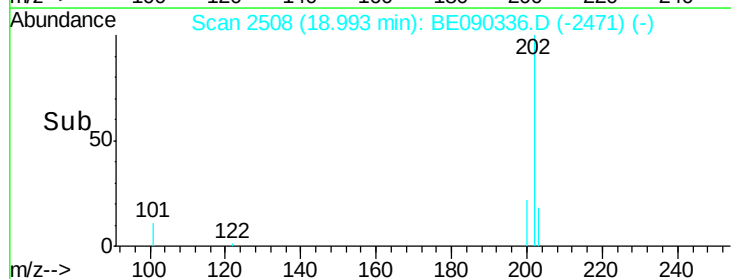
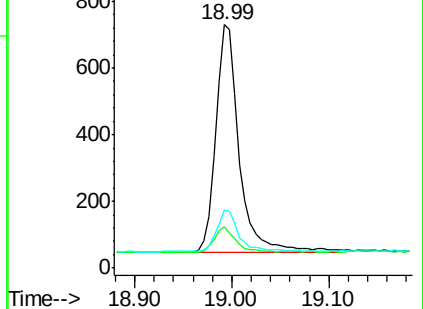
203 16.8 13.8 20.8

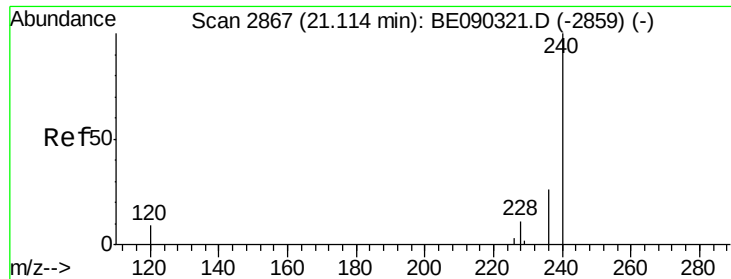


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2866

Delta R.T. -0.01 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

Instrument :

BNA_E

ClientSampleId :

080115-D506-E-D-M

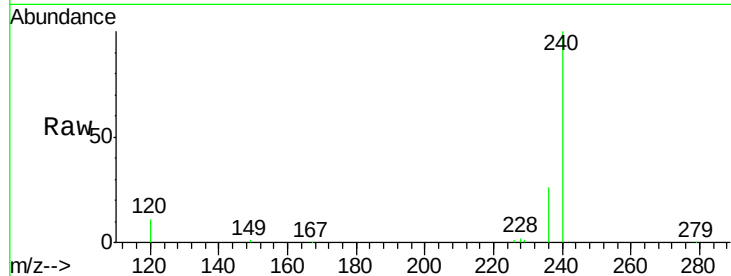
Tgt Ion:240 Resp: 24648

Ion Ratio Lower Upper

240 100

120 10.9 7.5 11.3

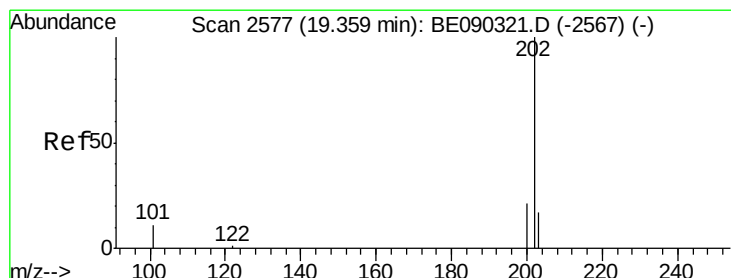
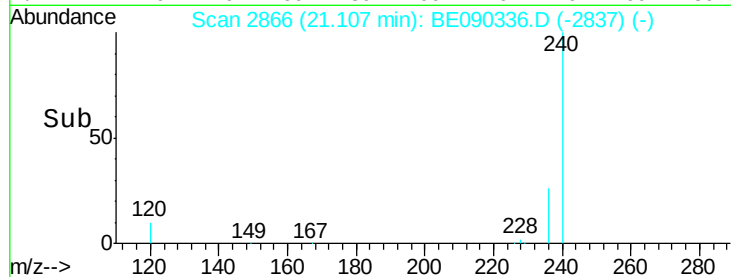
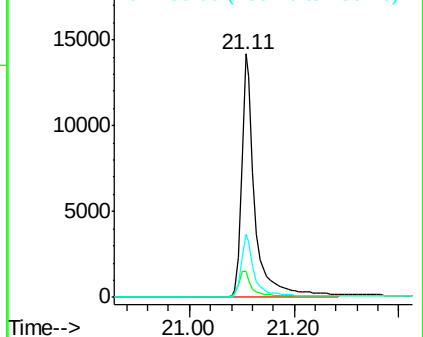
236 26.1 21.0 31.4



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: 0.17 ng

RT: 19.36 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

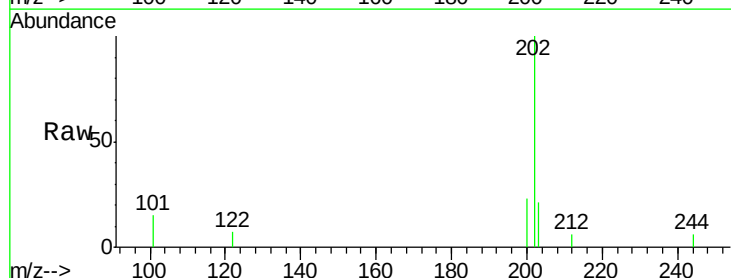
Tgt Ion:202 Resp: 1156

Ion Ratio Lower Upper

202 100

200 21.0 16.6 24.8

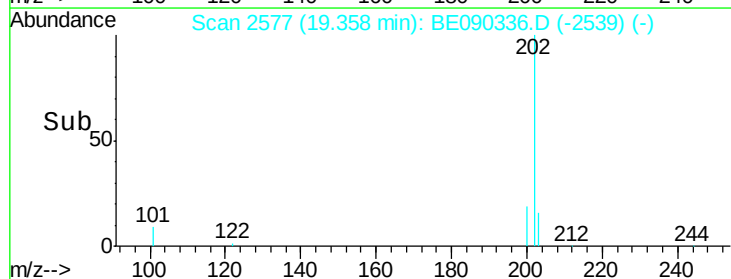
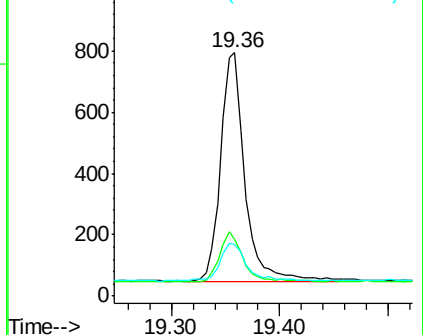
203 18.1 13.8 20.6

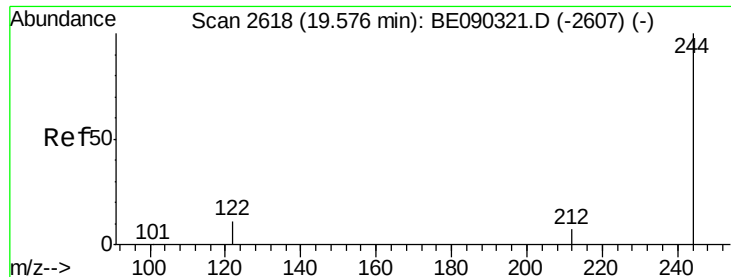


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 4.55 ng

RT: 19.57 min Scan# 2616

Delta R.T. -0.01 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

Instrument :

BNA_E

ClientSampleId :

080115-D506-E-D-M

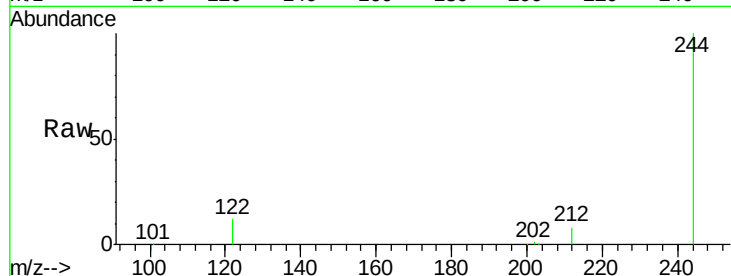
Tgt Ion:244 Resp: 20978

Ion Ratio Lower Upper

244 100

212 7.8 7.4 11.2

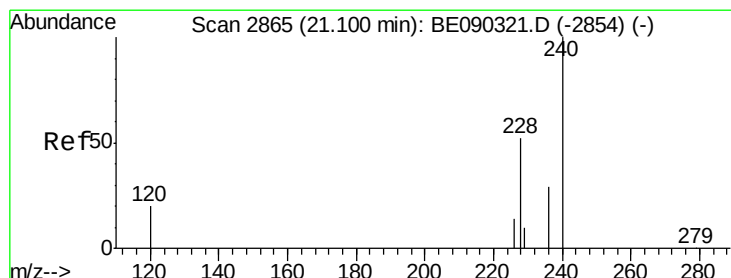
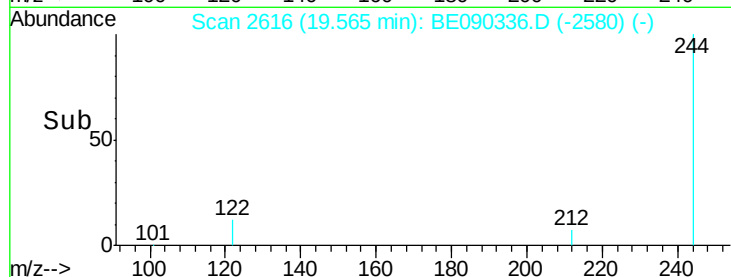
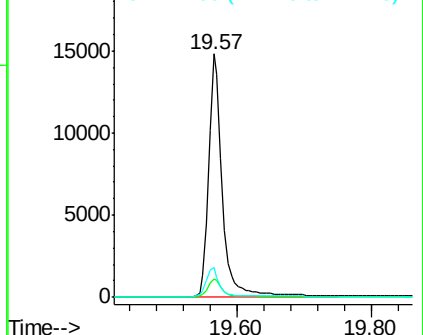
122 12.0 10.4 15.6



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



#28

Benzo(a)anthracene

Concen: 0.18 ng

RT: 21.09 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

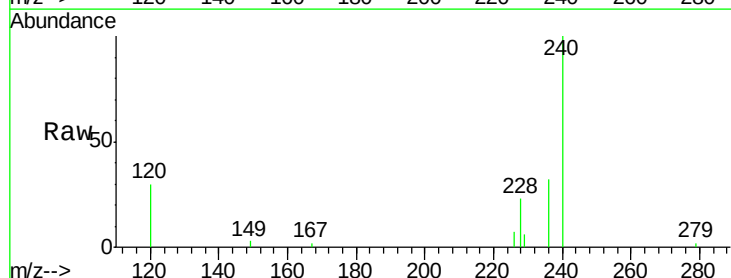
Tgt Ion:228 Resp: 860

Ion Ratio Lower Upper

228 100

226 32.4 23.0 34.4

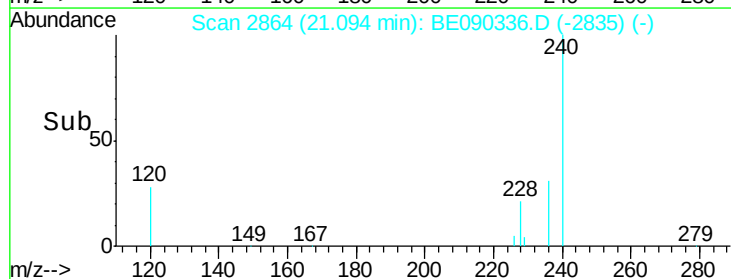
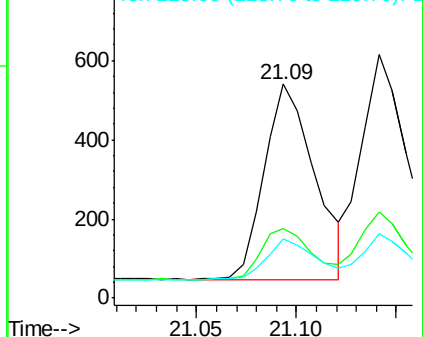
229 27.8 17.4 26.2#

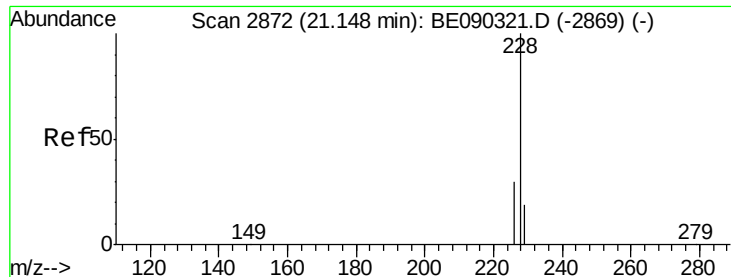


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 0.13 ng

RT: 21.14 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

Instrument :

BNA_E

ClientSampleId :

080115-D506-E-D-M

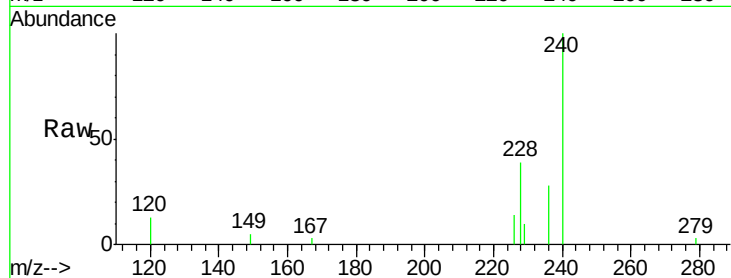
Tgt Ion:228 Resp: 1082

Ion Ratio Lower Upper

228 100

226 35.3 24.9 37.3

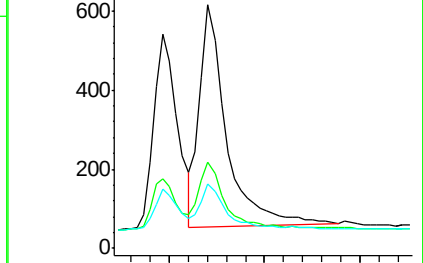
229 26.5 16.6 25.0#



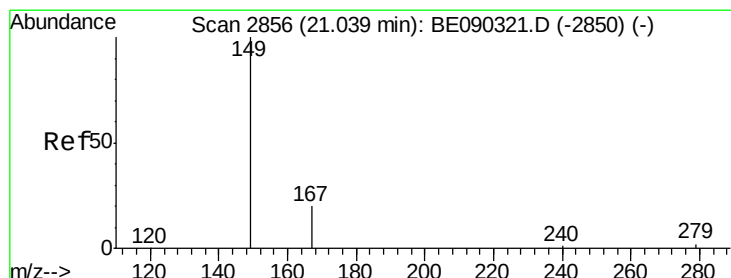
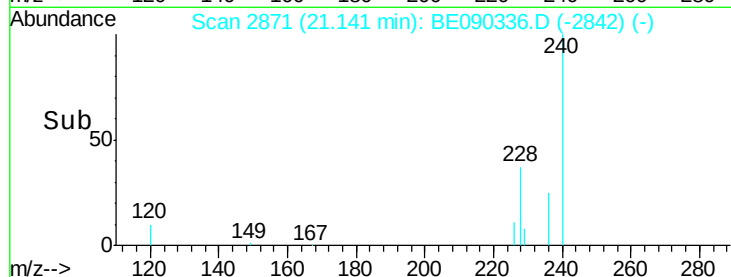
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.52 ng

RT: 21.03 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

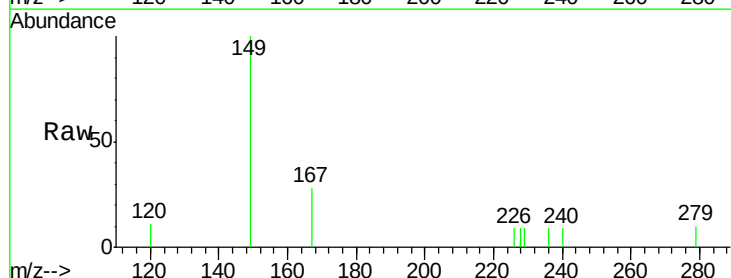
Tgt Ion:149 Resp: 596

Ion Ratio Lower Upper

149 100

167 23.7 16.6 24.8

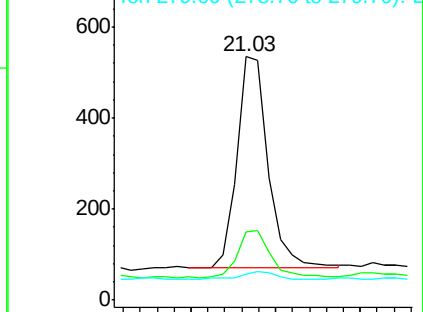
279 3.7 2.7 4.1



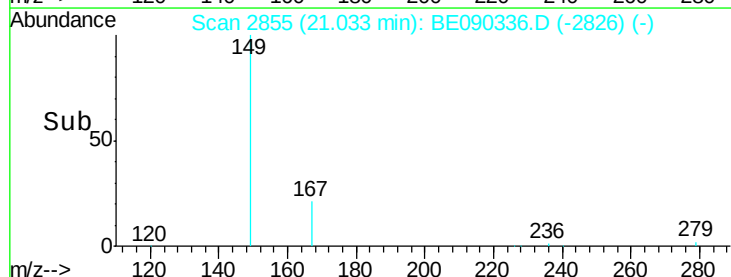
Abundance Ion 149.00 (148.70 to 149.70): E

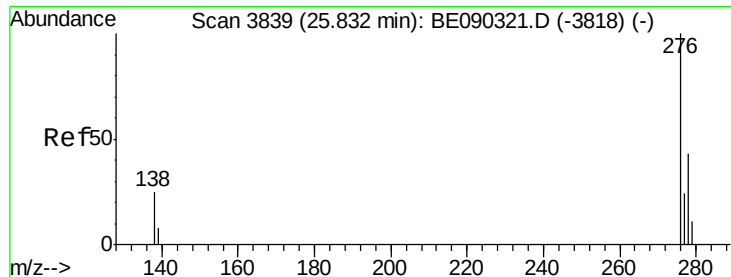
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.37 ng

RT: 25.81 min Scan# 3835

Delta R.T. -0.02 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

Instrument :

BNA_E

ClientSampleId :

080115-D506-E-D-M

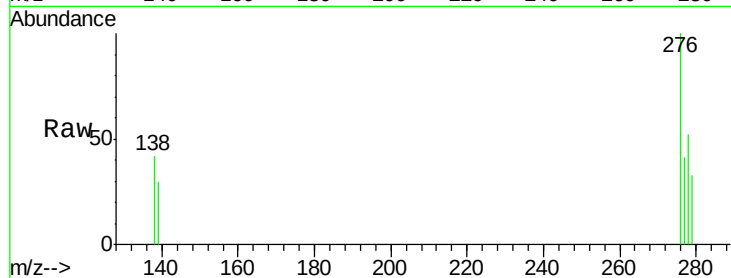
Tgt Ion:276 Resp: 648

Ion Ratio Lower Upper

276 100

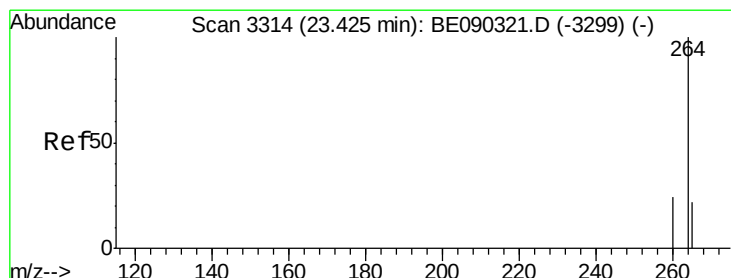
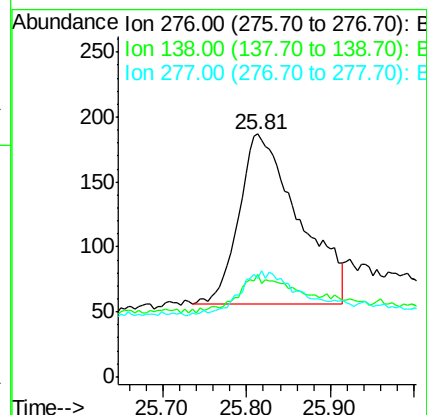
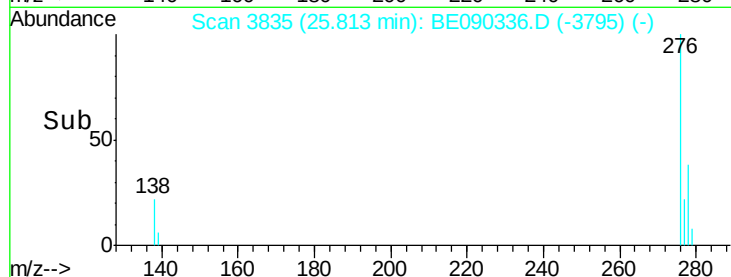
138 11.4 10.6 16.0

277 10.0 14.6 22.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

25.81



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.42 min Scan# 3313

Delta R.T. -0.00 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

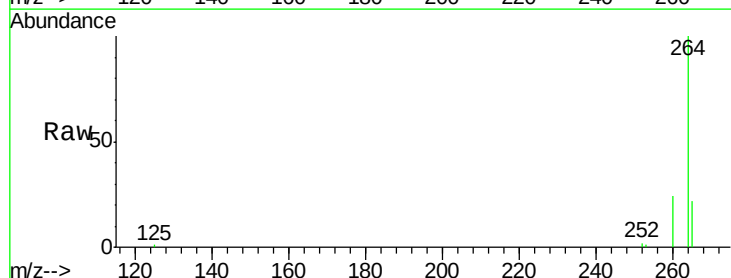
Tgt Ion:264 Resp: 21313

Ion Ratio Lower Upper

264 100

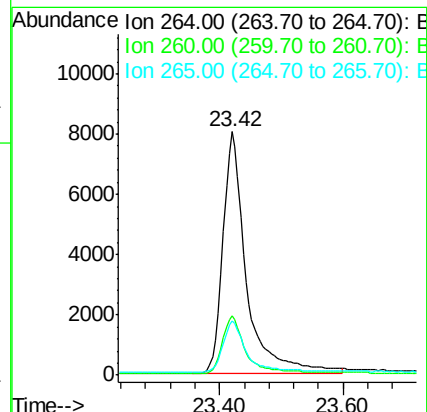
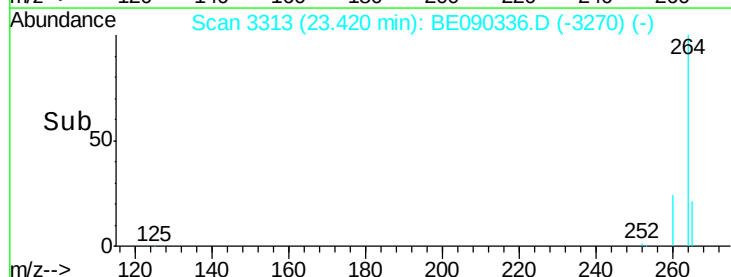
260 24.4 20.1 30.1

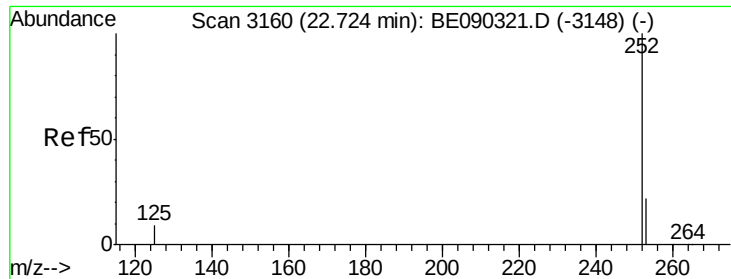
265 22.1 18.6 28.0



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

23.42





#33

Benzo(b)fluoranthene

Concen: 0.49 ng

RT: 22.71 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

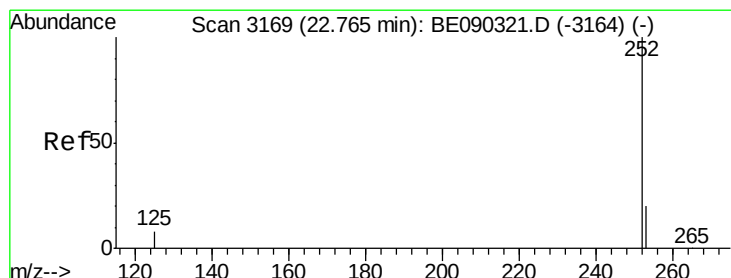
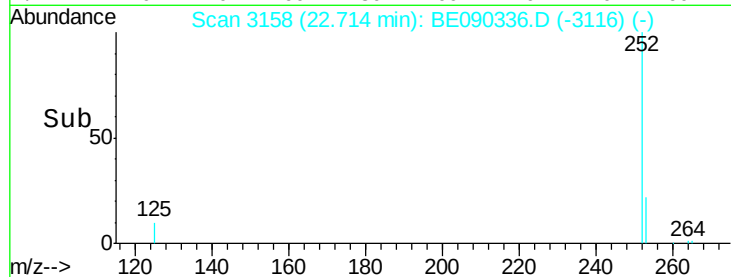
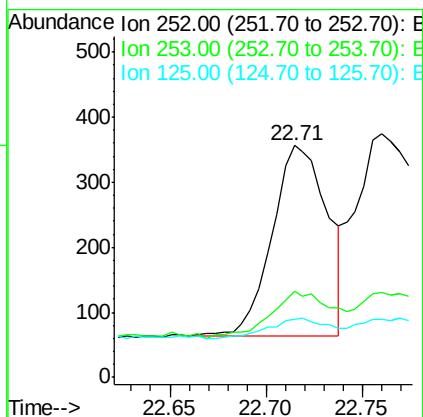
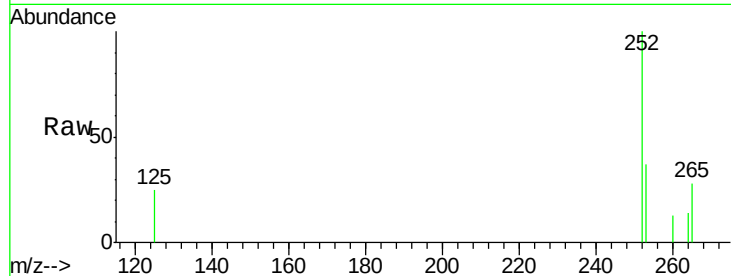
Instrument :

BNA_E

ClientSampleId :

080115-D506-E-D-M

Tgt Ion:	252	Resp:	589
Ion	Ratio	Lower	Upper
252	100		
253	37.1	21.5	32.3#
125	25.3	11.8	17.8#



#34

Benzo(k)fluoranthene

Concen: 0.15 ng

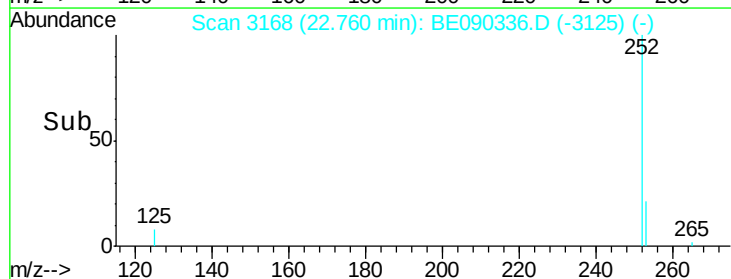
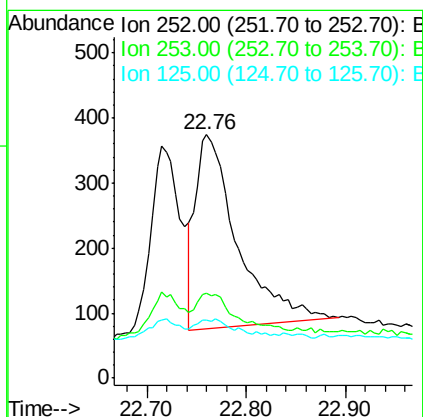
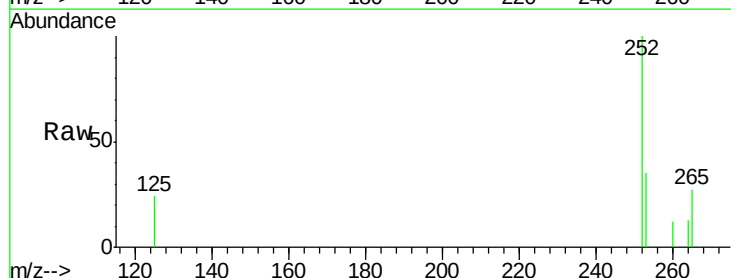
RT: 22.76 min Scan# 3168

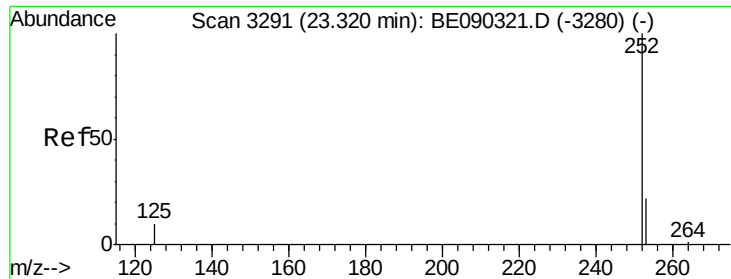
Delta R.T. -0.00 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

Tgt Ion:	252	Resp:	871
Ion	Ratio	Lower	Upper
252	100		
253	34.8	19.9	29.9#
125	24.1	11.2	16.8#





#35

Benzo(a)pyrene

Concen: 0.46 ng

RT: 23.32 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

Instrument :

BNA_E

ClientSampleId :

080115-D506-E-D-M

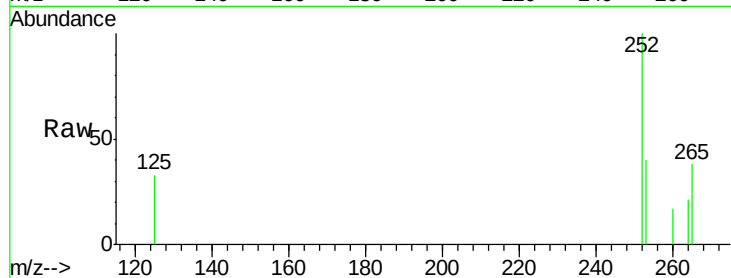
Tgt Ion: 252 Resp: 612

Ion Ratio Lower Upper

252 100

253 40.1 23.0 34.4#

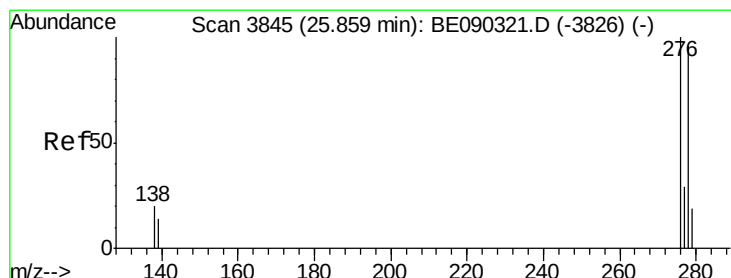
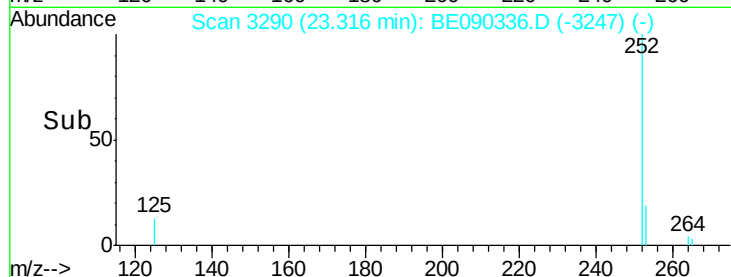
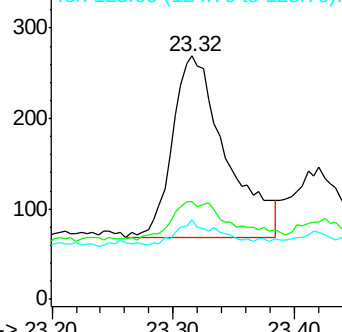
125 32.7 14.2 21.2#



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



#36

Dibenzo(a,h)anthracene

Concen: 0.41 ng

RT: 25.84 min Scan# 3840

Delta R.T. -0.02 min

Lab File: BE090336.D

Acq: 4 Aug 2015 8:13

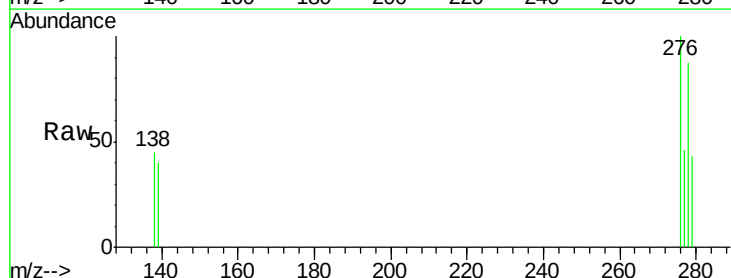
Tgt Ion: 278 Resp: 441

Ion Ratio Lower Upper

278 100

139 45.8 27.8 41.6#

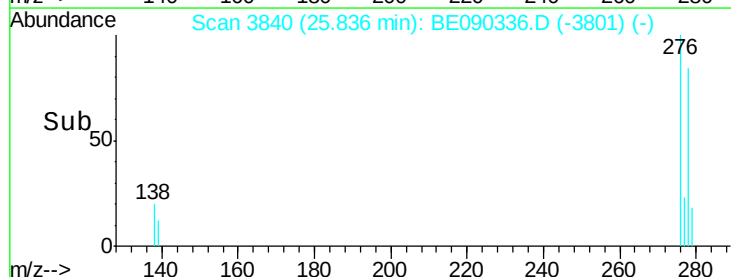
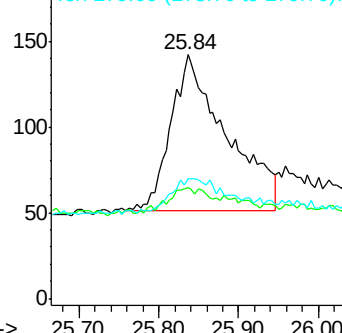
279 49.3 30.9 46.3#

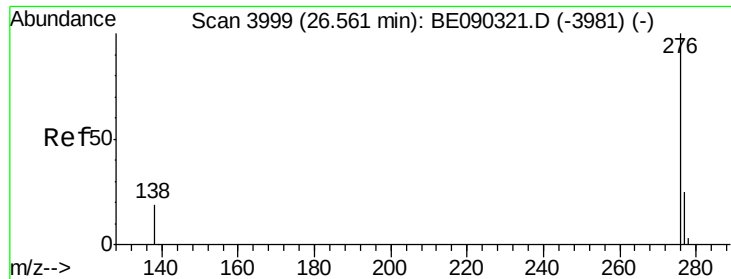


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 0.43 ng

RT: 26.55 min Scan# 3997

Delta R.T. -0.01 min

Lab File: BE090336.D

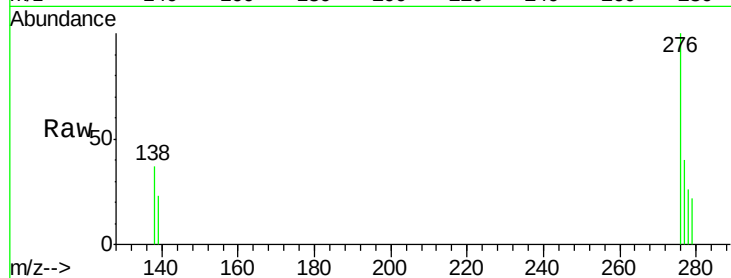
Acq: 4 Aug 2015 8:13

Instrument :

BNA_E

ClientSampleId :

080115-D506-E-D-M



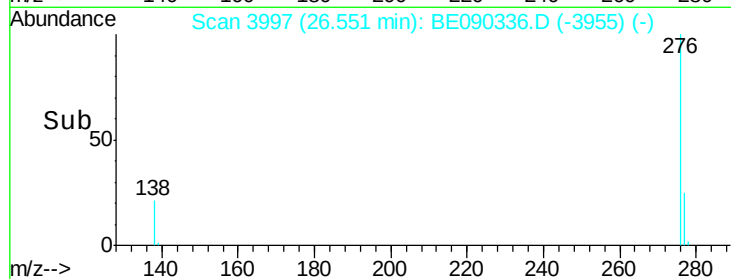
Tgt Ion: 276 Resp: 787

Ion Ratio Lower Upper

276 100

277 39.8 25.6 38.4#

138 37.2 22.0 33.0#



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

