

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080315\
 Data File : BE090332.D
 Acq On : 4 Aug 2015 5:02
 Operator : TP/UM
 Sample : PB84826BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB84826BSD

Quant Time: Aug 04 07:42:30 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

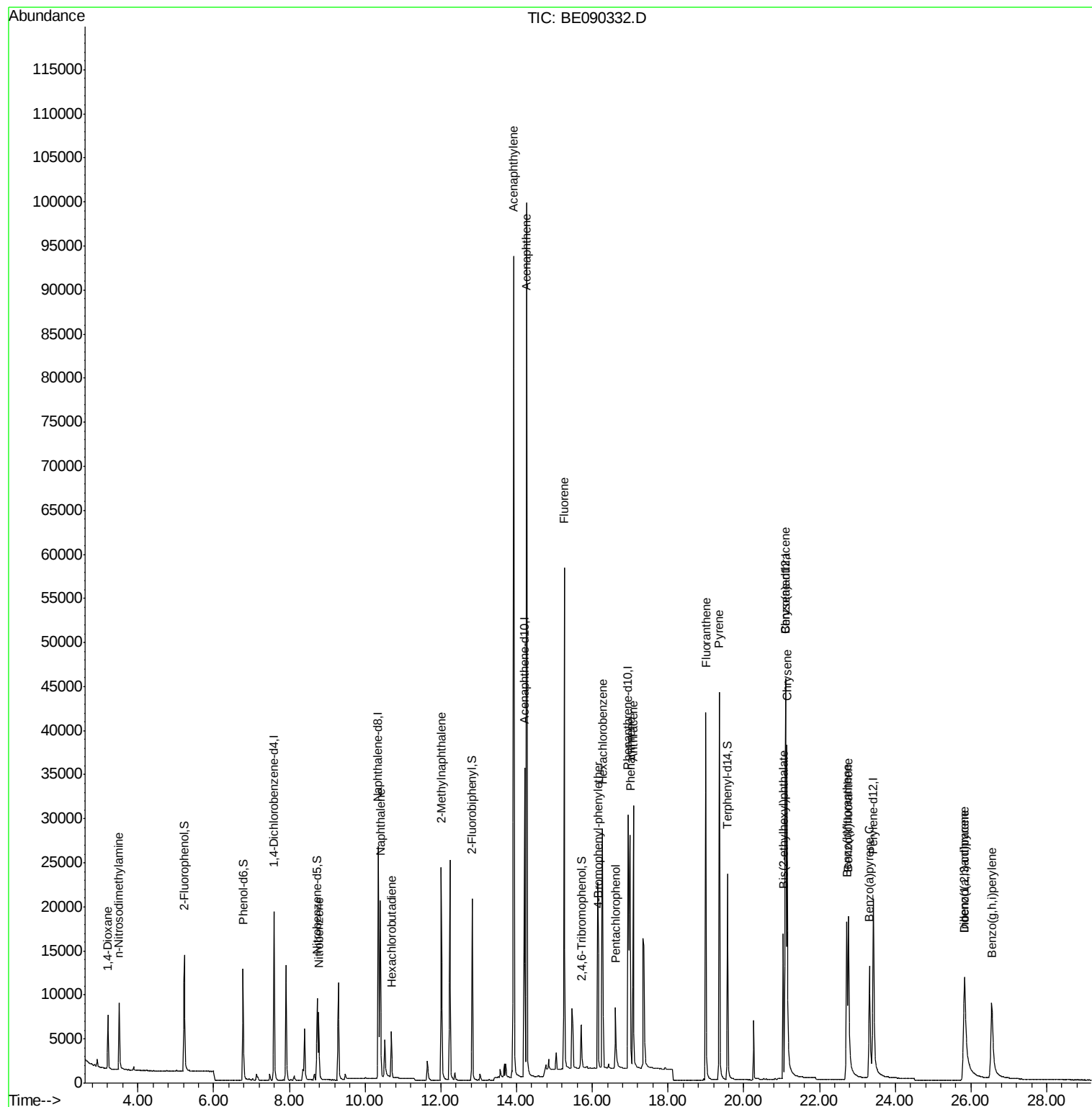
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	9239	5.00	ng	0.00
6) Naphthalene-d8	10.35	136	38687	5.00	ng	0.00
12) Acenaphthene-d10	14.21	164	19514	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	40365	5.00	ng	0.00
25) Chrysene-d12	21.11	240	38821	5.00	ng	0.00
32) Perylene-d12	23.42	264	33503	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	11104	6.29	ng	0.00
5) Phenol-d6	6.78	99	13929	6.42	ng	0.00
7) Nitrobenzene-d5	8.73	82	8427	3.69	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	2268	6.27	ng	-0.02
14) 2-Fluorobiphenyl	12.83	172	20380	3.60	ng	0.00
27) Terphenyl-d14	19.57	244	28434	3.91	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	3900	3.57	ng	91
3) n-Nitrosodimethylamine	3.50	42	5495	3.52	ng	# 96
8) Nitrobenzene	8.77	77	8651	3.67	ng	96
9) Naphthalene	10.40	128	27473	3.30	ng	97
10) Hexachlorobutadiene	10.69	225	3608	3.24	ng	99
11) 2-Methylnaphthalene	12.01	142	18385	3.57	ng	98
15) Acenaphthylene	13.92	152	120543	3.54	ng	100
16) Acenaphthene	14.27	154	17353	3.52	ng	96
17) Fluorene	15.26	166	22557	3.77	ng	99
19) 4-Bromophenyl-phenylether	16.16	248	5979	3.94	ng	92
20) Hexachlorobenzene	16.27	284	21264	3.71	ng	98
21) Pentachlorophenol	16.61	266	3878	7.81	ng	# 78
22) Phenanthrene	17.00	178	35230	3.83	ng	99
23) Anthracene	17.08	178	34101	4.15	ng	99
24) Fluoranthene	18.99	202	39530	4.27	ng	100
26) Pyrene	19.35	202	41944	4.00	ng	99
28) Benzo(a)anthracene	21.09	228	32409	4.39	ng	97
29) Chrysene	21.14	228	36987	4.20	ng	98
30) Bis(2-ethylhexyl)phthalate	21.04	149	15462	4.62	ng	97
31) Indeno(1,2,3-cd)pyrene	25.82	276	26129	4.92	ng	# 83
33) Benzo(b)fluoranthene	22.72	252	24833	3.92	ng	# 90
34) Benzo(k)fluoranthene	22.76	252	34717	3.82	ng	# 93
35) Benzo(a)pyrene	23.31	252	24952	4.23	ng	# 87
36) Dibenzo(a,h)anthracene	25.84	278	18861	4.76	ng	# 73
37) Benzo(g,h,i)perylene	26.55	276	26826	4.34	ng	# 86

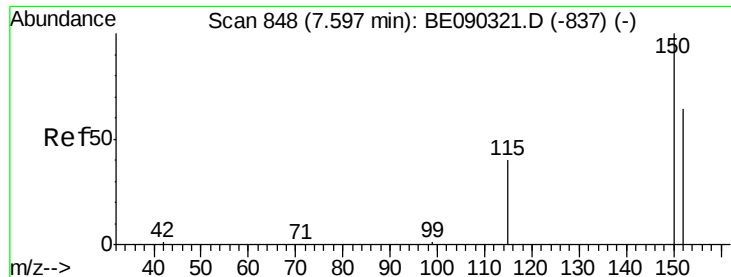
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080315\
Data File : BE090332.D
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ALS Vial : 17 Sample Multiplier: 1

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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: 7.59 min Scan# 847

Delta R.T. -0.00 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

Instrument :

BNA_E

ClientSampleId :

PB84826BSD

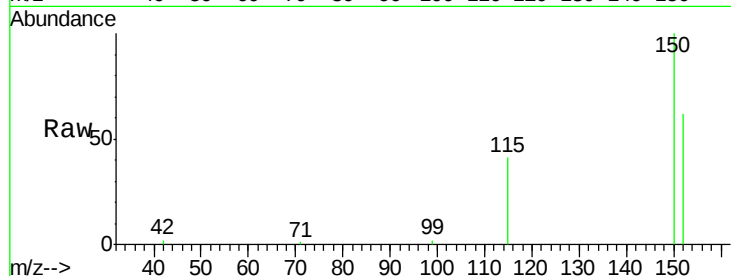
Tot Ion:152 Resp: 9239

Ion Ratio Lower Upper

152 100

150 160.8 124.2 186.2

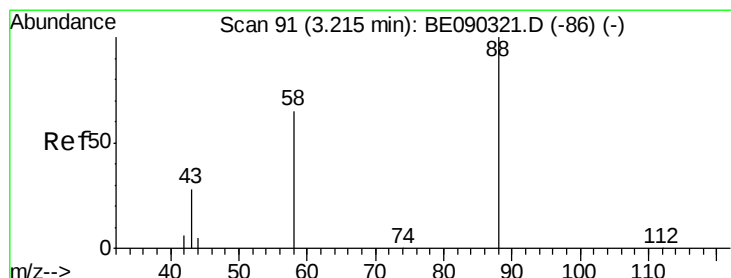
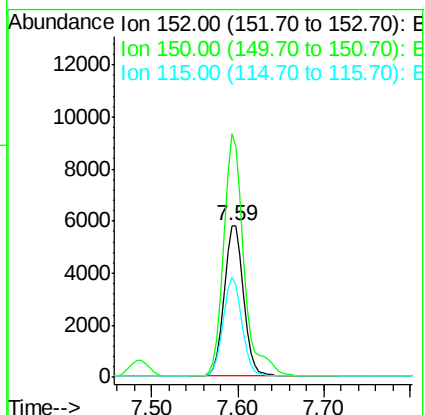
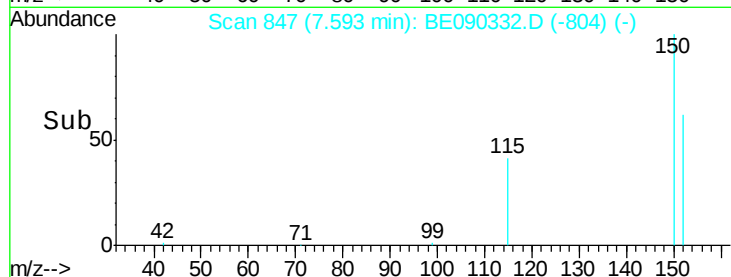
115 65.8 50.4 75.6



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: 3.57 ng

RT: 3.21 min Scan# 90

Delta R.T. -0.01 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

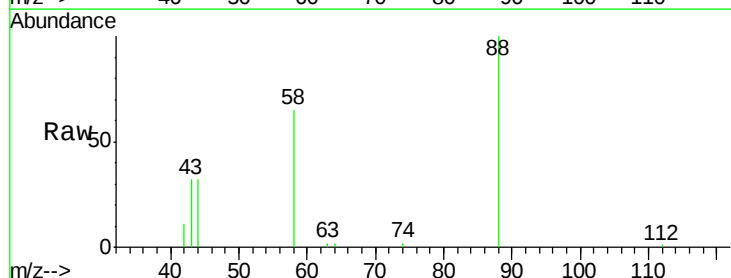
Tgt Ion: 88 Resp: 3900

Ion Ratio Lower Upper

88 100

58 71.3 50.2 75.2

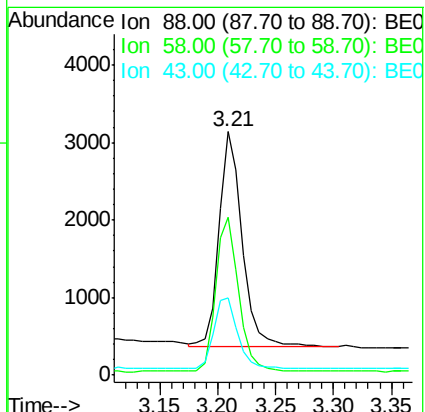
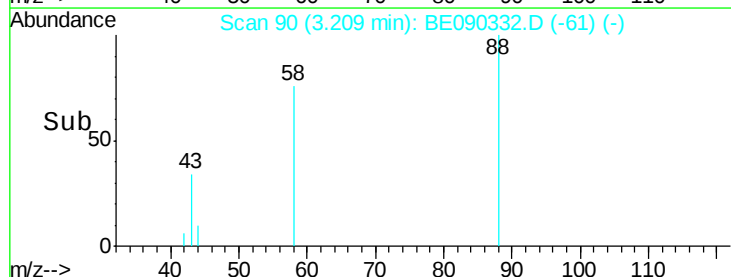
43 33.6 25.0 37.6

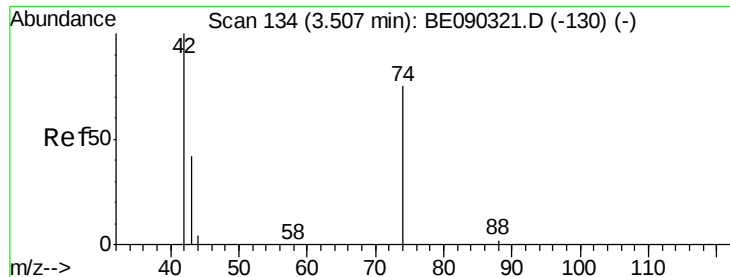


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



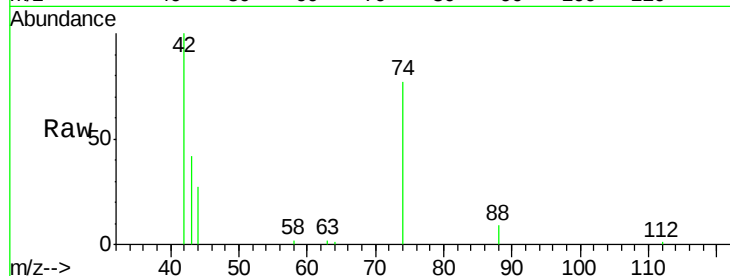


#3

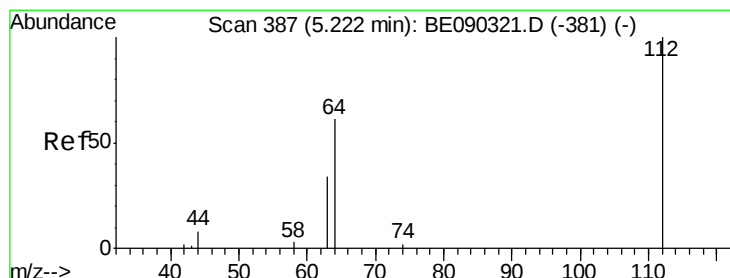
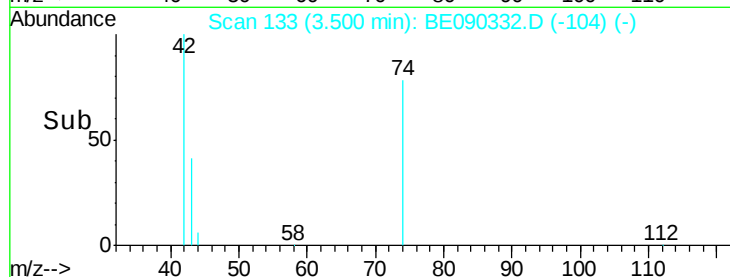
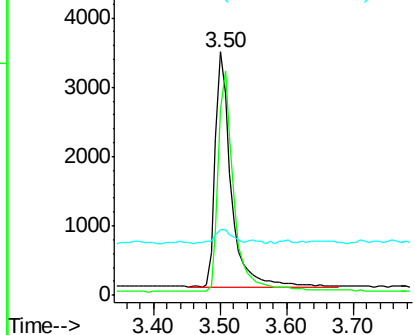
n-Nitrosodimethylamine
 Concen: 3.52 ng
 RT: 3.50 min Scan# 133
 Delta R.T. -0.01 min
 Lab File: BE090332.D
 Acq: 4 Aug 2015 5:02

Instrument :
 BNA_E
 ClientSampleId :
 PB84826BSD

Tot Ion: 42 Resp: 5495
 Ion Ratio Lower Upper
 42 100
 74 95.0 73.2 109.8
 44 6.3 3.8 5.6#



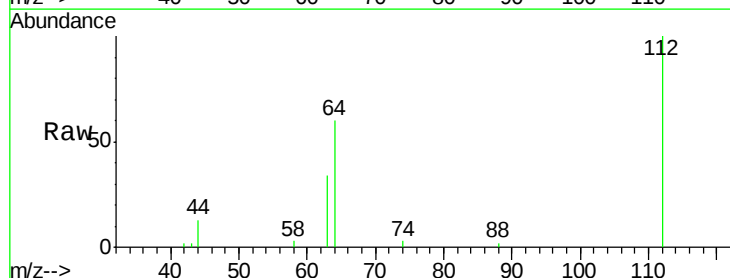
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



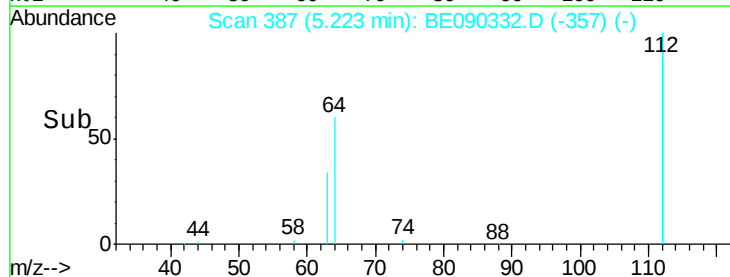
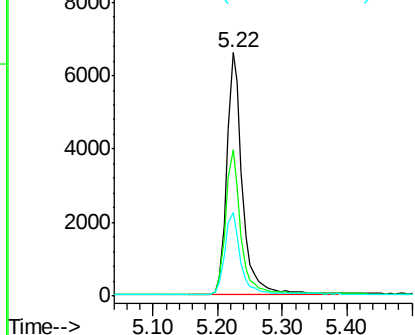
#4

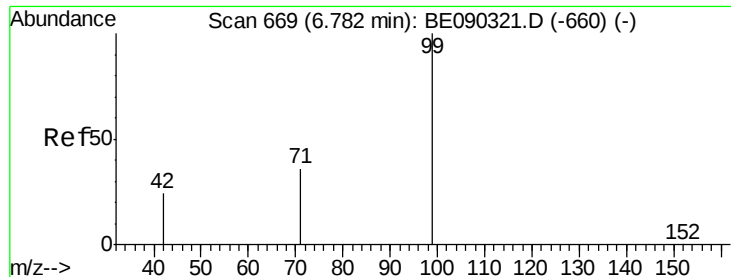
2-Fluorophenol
 Concen: 6.29 ng
 RT: 5.22 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BE090332.D
 Acq: 4 Aug 2015 5:02

Tgt Ion: 112 Resp: 11104
 Ion Ratio Lower Upper
 112 100
 64 58.9 49.0 73.4
 63 34.2 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: 6.42 ng

RT: 6.78 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

Instrument :

BNA_E

ClientSampleId :

PB84826BSD

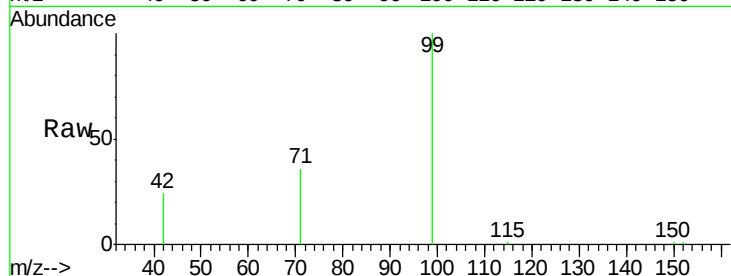
Tot Ion: 99 Resp: 13929

Ion Ratio Lower Upper

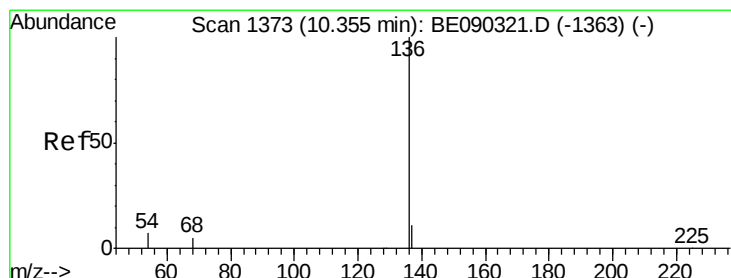
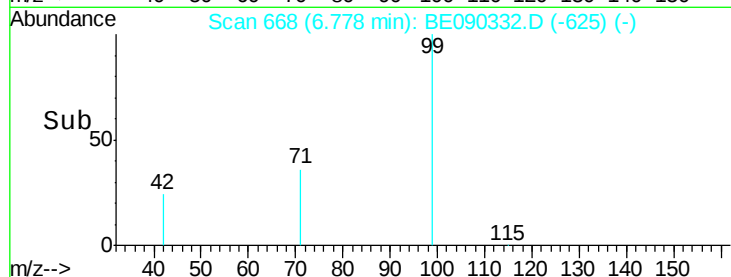
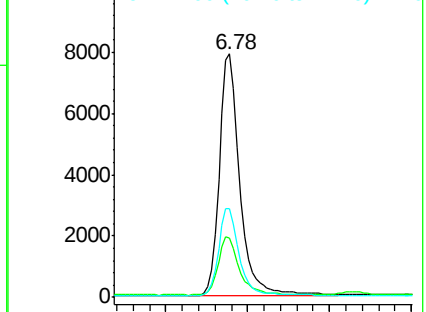
99 100

42 25.3 22.2 33.2

71 36.7 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: BE090332.D

Acq: 4 Aug 2015 5:02

Tgt Ion: 136 Resp: 38687

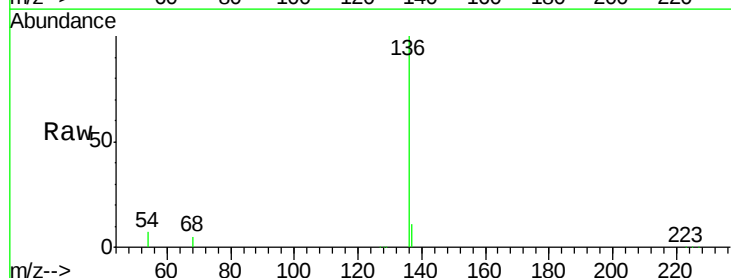
Ion Ratio Lower Upper

136 100

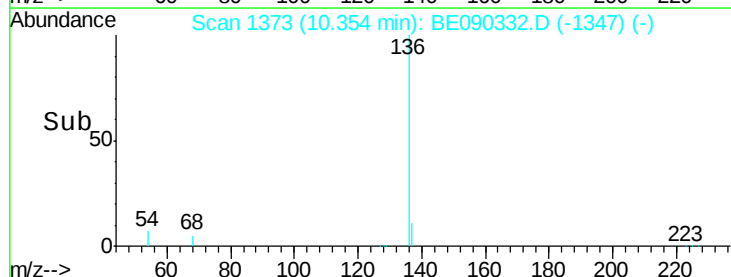
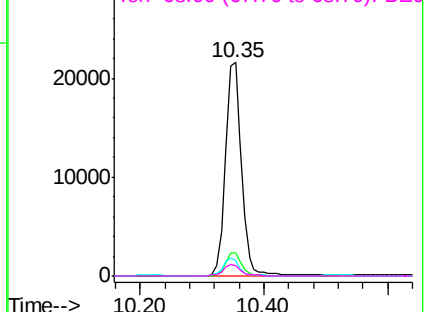
137 10.9 8.9 13.3

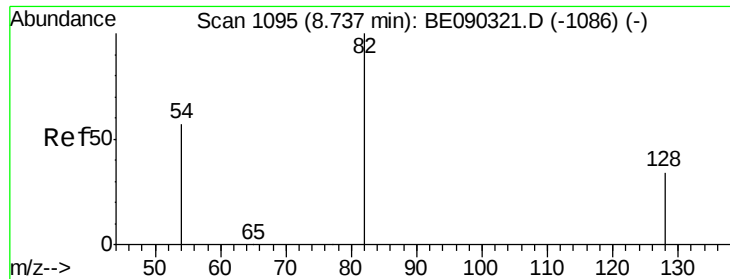
54 7.0 6.0 9.0

68 4.8 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: 3.69 ng

RT: 8.73 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

Instrument :

BNA_E

ClientSampleId :

PB84826BSD

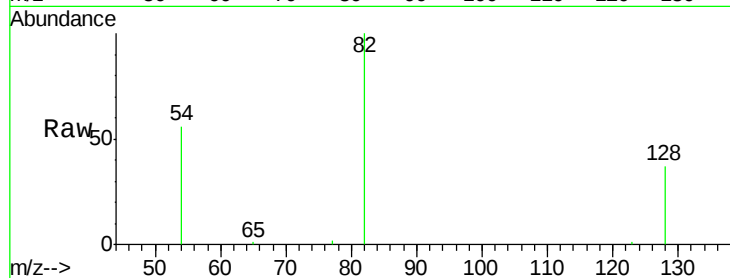
Tot Ion: 82 Resp: 8427

Ion Ratio Lower Upper

82 100

128 36.9 30.8 46.2

54 55.9 47.5 71.3



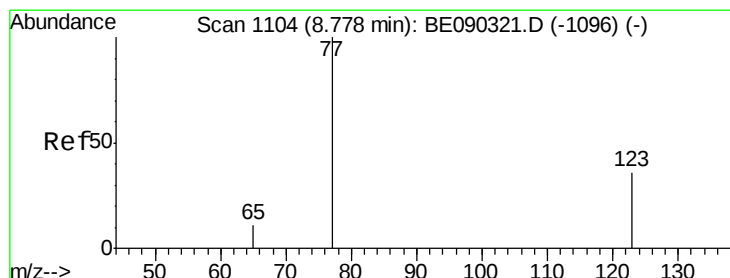
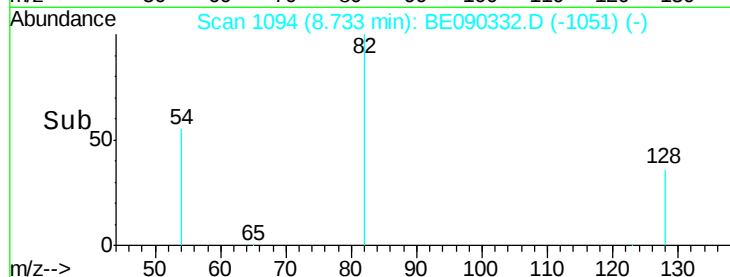
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

8.73

Time--> 8.60 8.70 8.80 8.90



#8

Nitrobenzene

Concen: 3.67 ng

RT: 8.77 min Scan# 1103

Delta R.T. -0.00 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

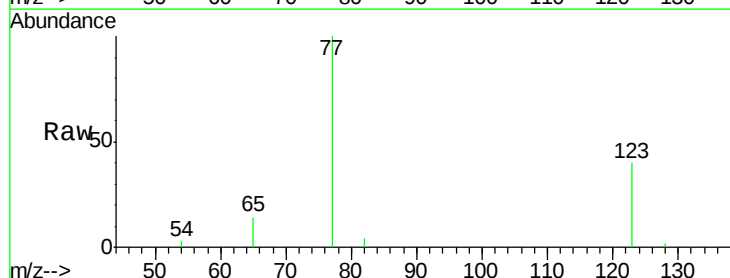
Tgt Ion: 77 Resp: 8651

Ion Ratio Lower Upper

77 100

123 39.8 29.6 44.4

65 13.3 10.4 15.6



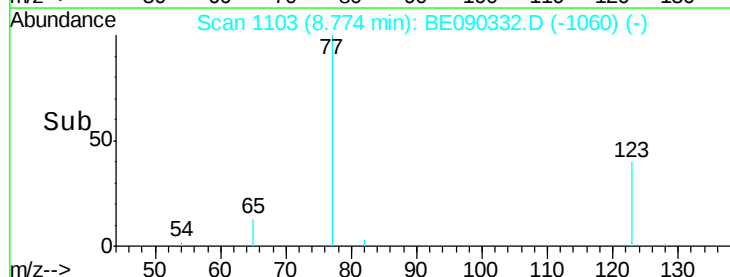
Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0

8.77

Time--> 8.70 8.80 8.90





#9

Naphthalene

Concen: 3.30 ng

RT: 10.40 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

Instrument :

BNA_E

ClientSampleId :

PB84826BSD

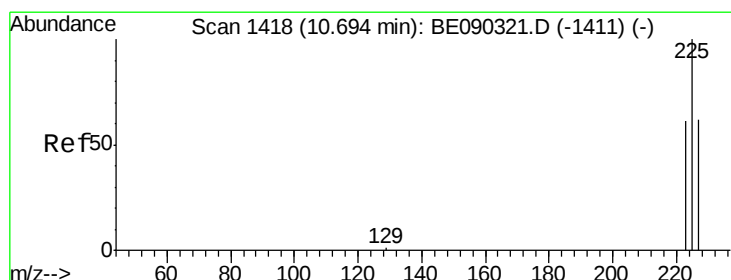
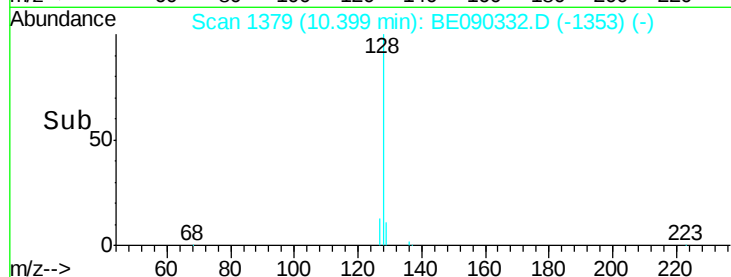
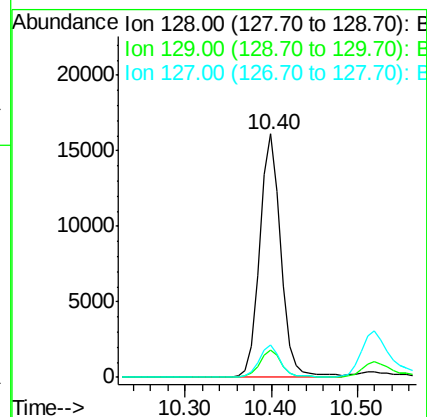
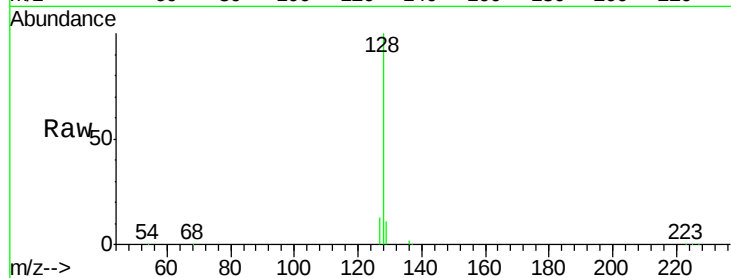
Tot Ion:128 Resp: 27473

Ion Ratio Lower Upper

128 100

129 11.3 10.1 15.1

127 13.1 11.3 16.9



#10

Hexachlorobutadiene

Concen: 3.24 ng

RT: 10.69 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

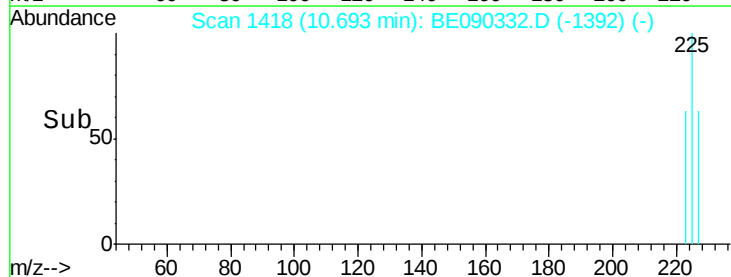
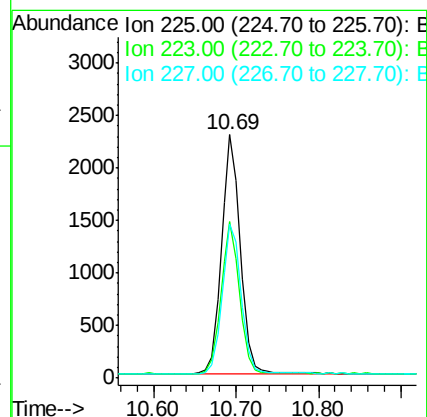
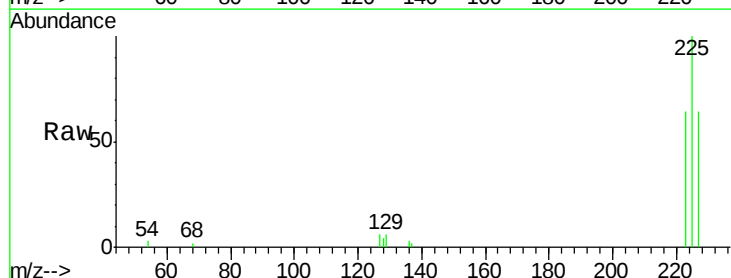
Tgt Ion:225 Resp: 3608

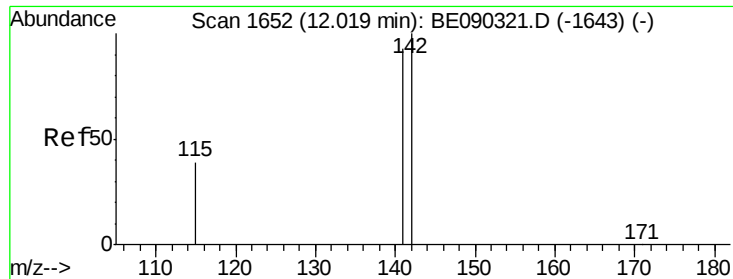
Ion Ratio Lower Upper

225 100

223 62.7 50.4 75.6

227 63.2 49.6 74.4

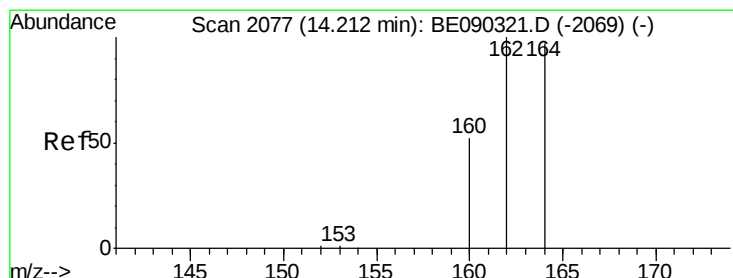
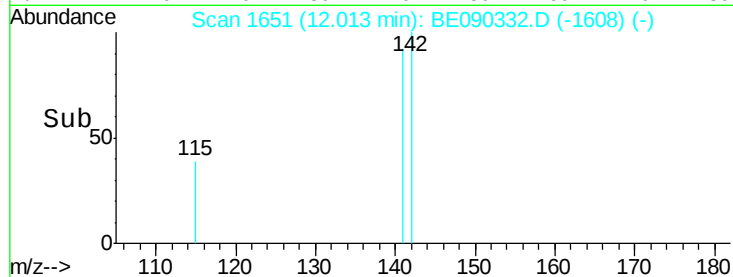
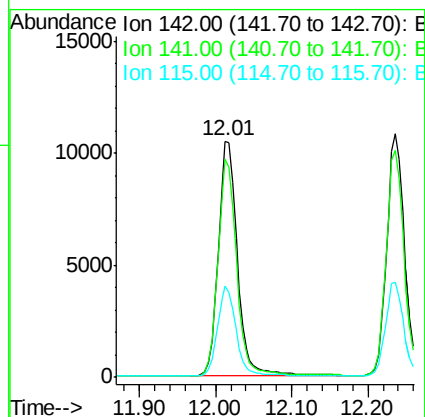
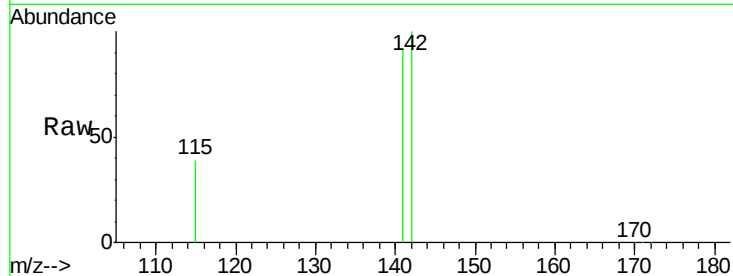




#11
2-Methylnaphthalene
Concen: 3.57 ng
RT: 12.01 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BE090332.D
Acq: 4 Aug 2015 5:02

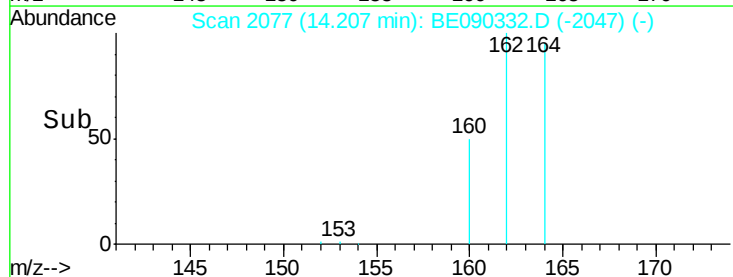
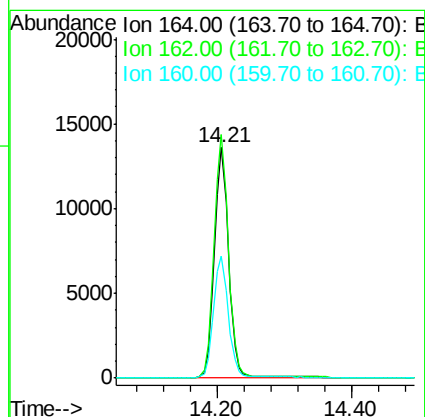
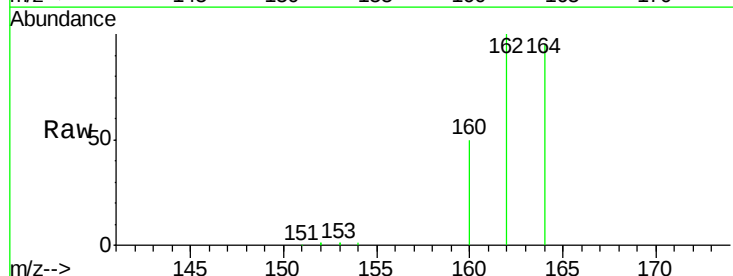
Instrument :
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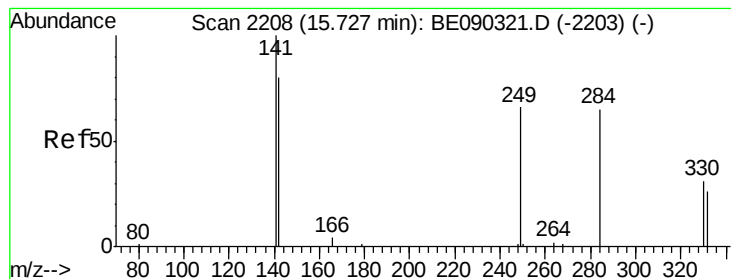
Tot Ion:142 Resp: 18385
Ion Ratio Lower Upper
142 100
141 91.9 74.6 112.0
115 38.8 32.6 49.0



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.21 min Scan# 2077
Delta R.T. -0.00 min
Lab File: BE090332.D
Acq: 4 Aug 2015 5:02

Tgt Ion:164 Resp: 19514
Ion Ratio Lower Upper
164 100
162 105.6 82.7 124.1
160 52.7 43.0 64.6





#13

2,4,6-Tribromophenol

Concen: 6.27 ng

RT: 15.71 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

Instrument :

BNA_E

ClientSampleId :

PB84826BSD

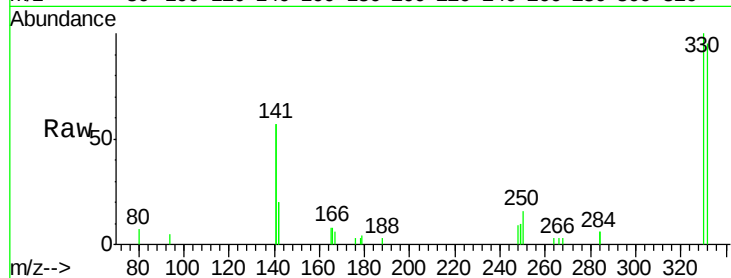
Tot Ion:330 Resp: 2268

Ion Ratio Lower Upper

330 100

332 94.8 79.4 119.0

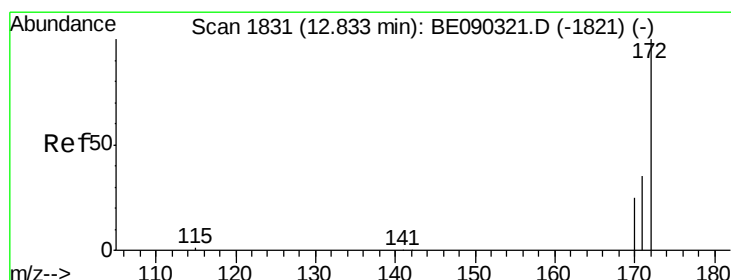
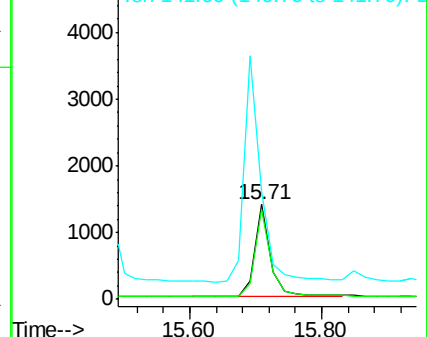
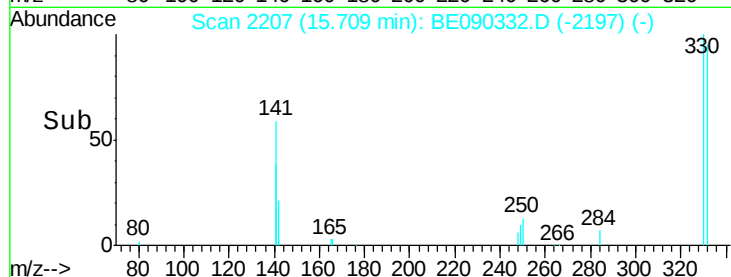
141 258.8 245.9 368.9



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: 3.60 ng

RT: 12.83 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

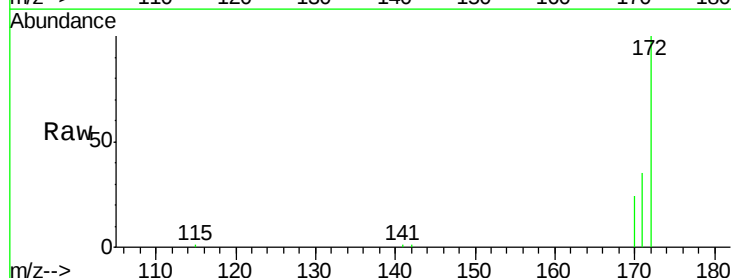
Tgt Ion:172 Resp: 20380

Ion Ratio Lower Upper

172 100

171 35.5 29.5 44.3

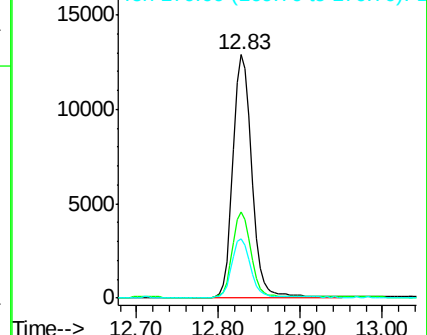
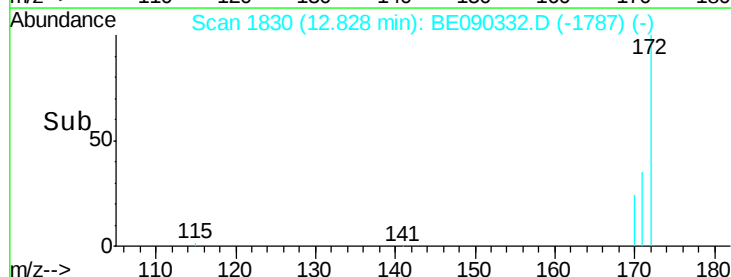
170 24.4 21.3 31.9

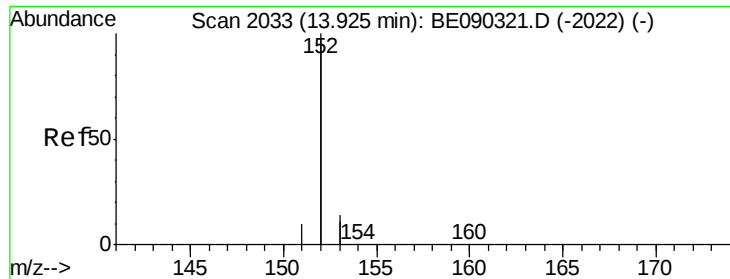


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 3.54 ng

RT: 13.92 min Scan# 2033

Delta R.T. -0.00 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

Instrument :

BNA_E

ClientSampleId :

PB84826BSD

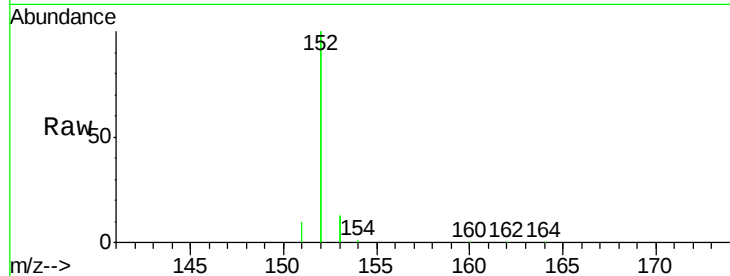
Tot Ion:152 Resp: 120543

Ion Ratio Lower Upper

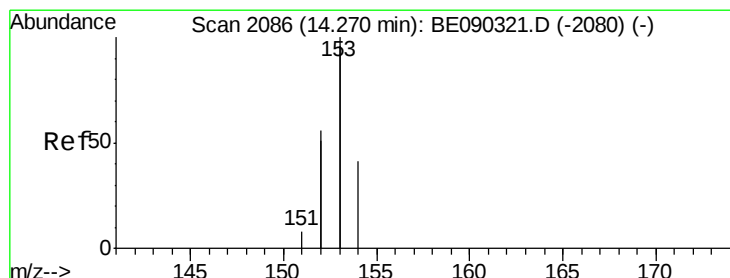
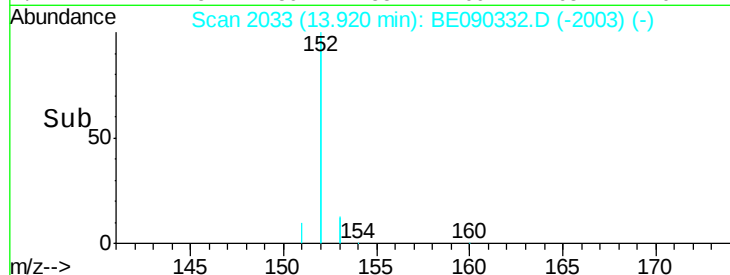
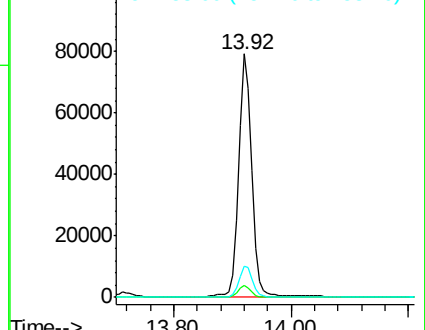
152 100

151 5.0 4.0 6.0

153 13.0 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: 3.52 ng

RT: 14.27 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

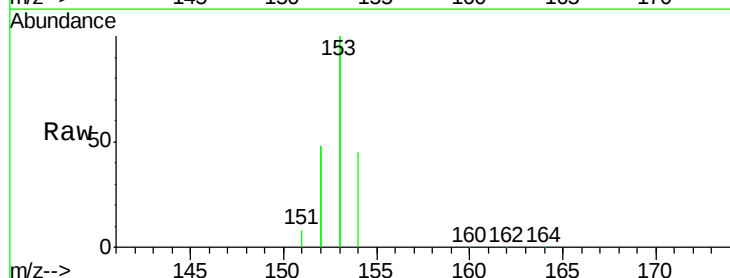
Tgt Ion:154 Resp: 17353

Ion Ratio Lower Upper

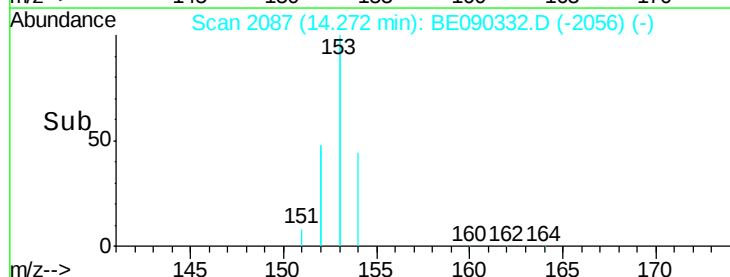
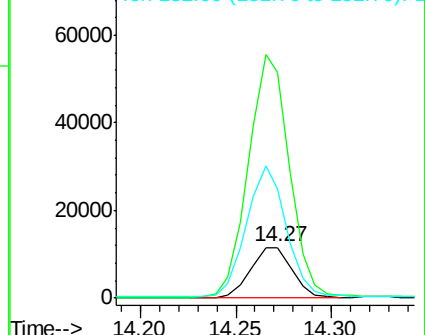
154 100

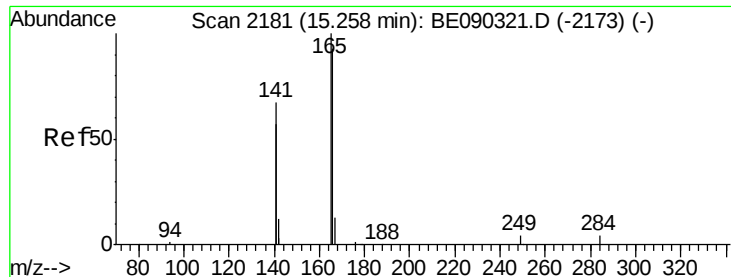
153 478.7 378.0 567.0

152 252.6 212.7 319.1



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

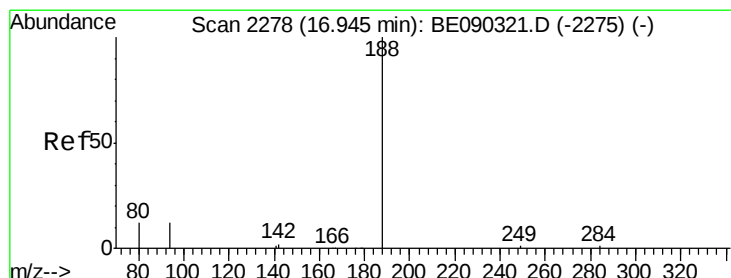
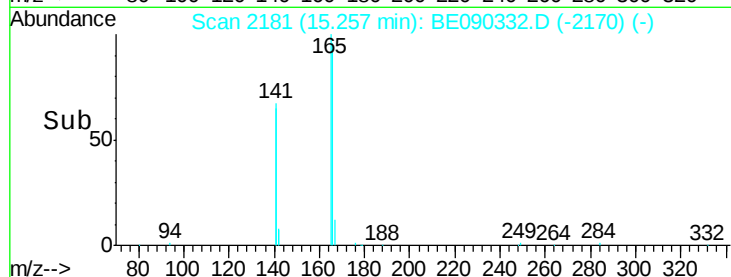
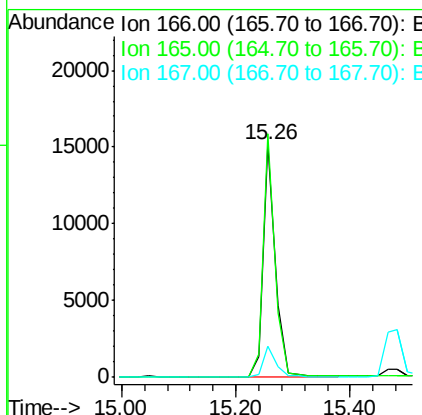
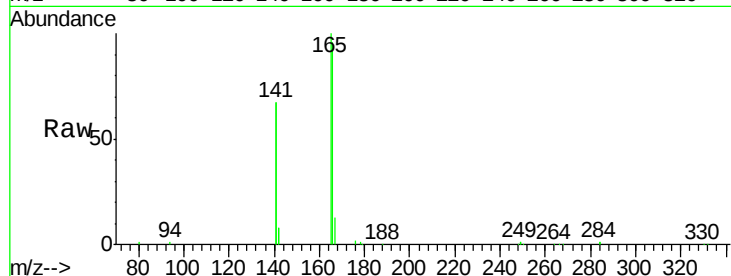




#17
Fluorene
 Concen: 3.77 ng
 RT: 15.26 min Scan# 2181
 Delta R.T. -0.00 min
 Lab File: BE090332.D
 Acq: 4 Aug 2015 5:02

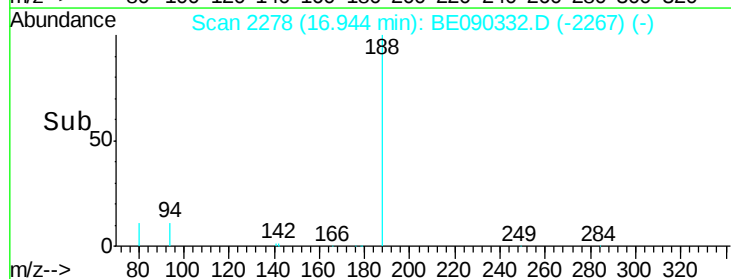
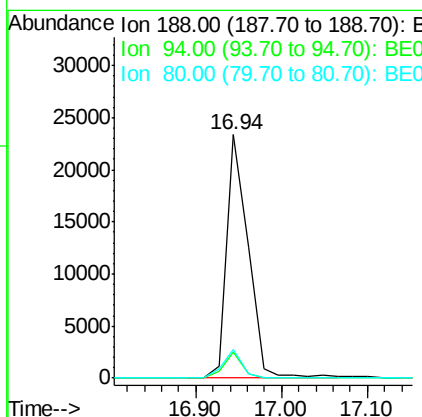
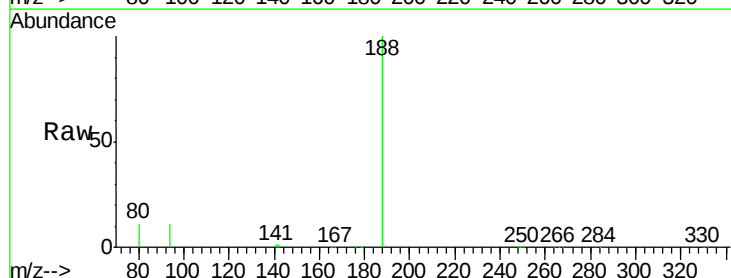
Instrument :
 BNA_E
 ClientSampleId :
 PB84826BSD

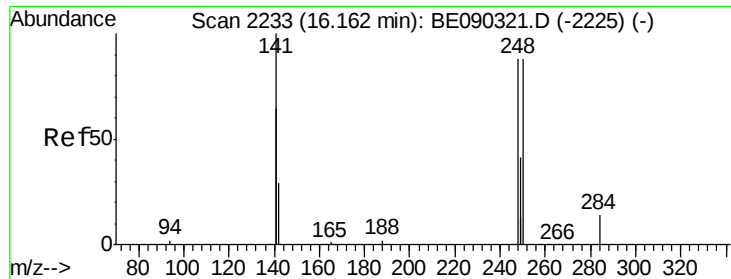
Tot Ion:166 Resp: 22557
 Ion Ratio Lower Upper
 166 100
 165 102.1 82.6 123.8
 167 13.5 11.8 17.8



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.94 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: BE090332.D
 Acq: 4 Aug 2015 5:02

Tgt Ion:188 Resp: 40365
 Ion Ratio Lower Upper
 188 100
 94 10.8 9.5 14.3
 80 11.5 10.0 15.0

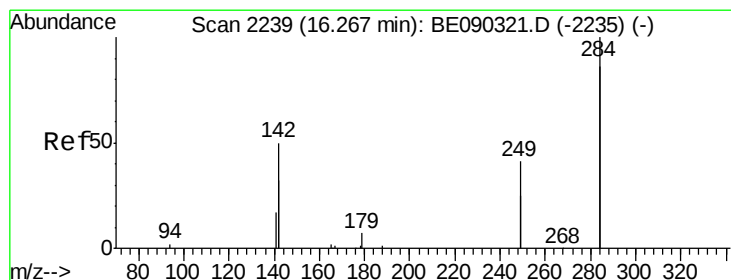
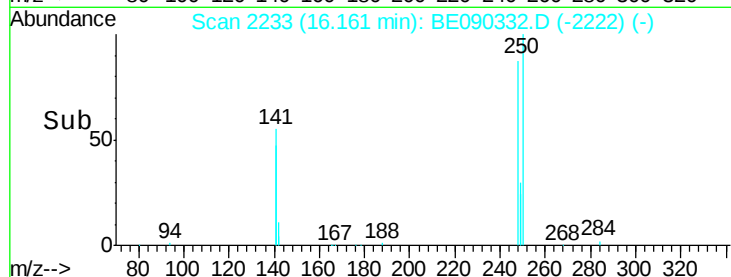
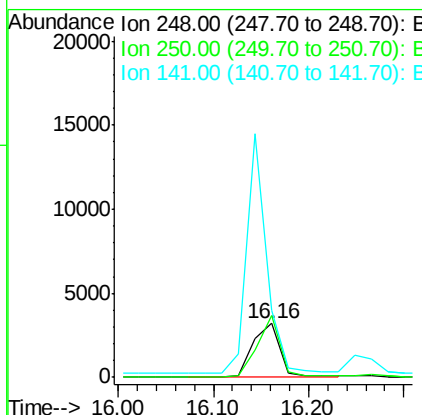
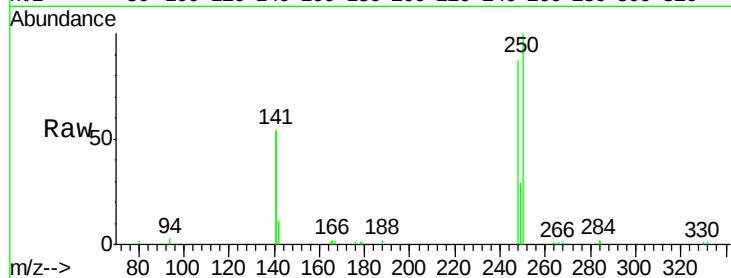




#19
4-Bromophenyl-phenylether
Concen: 3.94 ng
RT: 16.16 min Scan# 2233
Delta R.T. -0.00 min
Lab File: BE090332.D
Acq: 4 Aug 2015 5:02

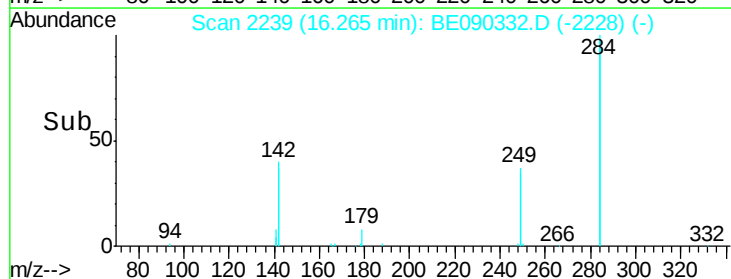
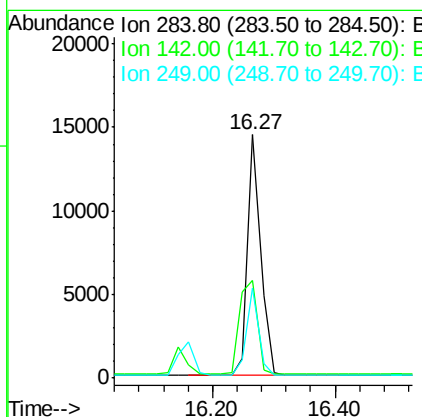
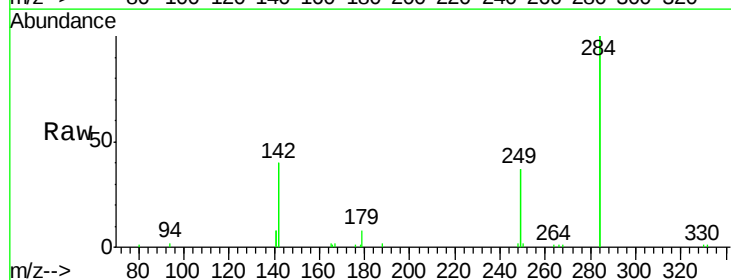
Instrument :
BNA_E
ClientSampleId :
PB84826BSD

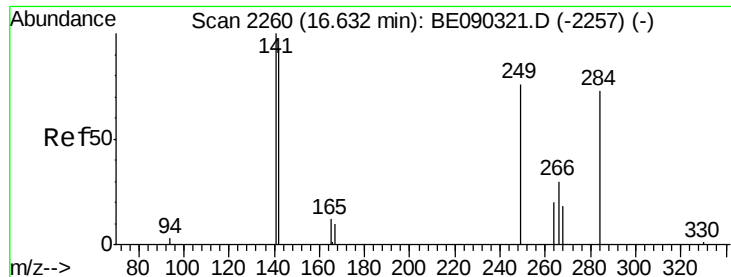
Tot Ion:248 Resp: 5979
Ion Ratio Lower Upper
248 100
250 98.0 74.0 111.0
141 341.2 258.9 388.3



#20
Hexachlorobenzene
Concen: 3.71 ng
RT: 16.27 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BE090332.D
Acq: 4 Aug 2015 5:02

Tgt Ion:284 Resp: 21264
Ion Ratio Lower Upper
284 100
142 53.8 44.2 66.4
249 33.6 26.4 39.6





#21

Pentachlorophenol

Concen: 7.81 ng

RT: 16.61 min Scan# 2259

Delta R.T. -0.02 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

Instrument :

BNA_E

ClientSampleID :

PB84826BSD

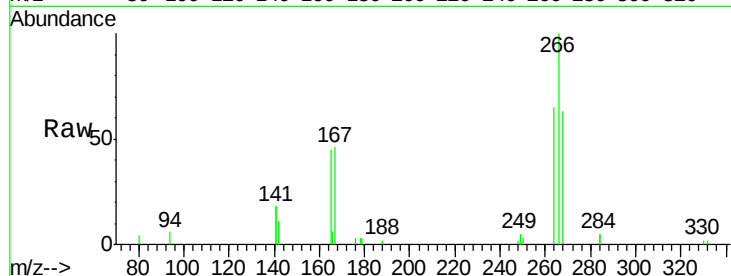
Tot Ion:266 Resp: 3878

Ion Ratio Lower Upper

266 100

268 63.1 66.2 99.2#

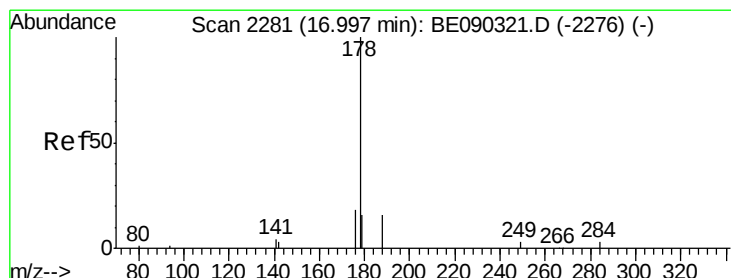
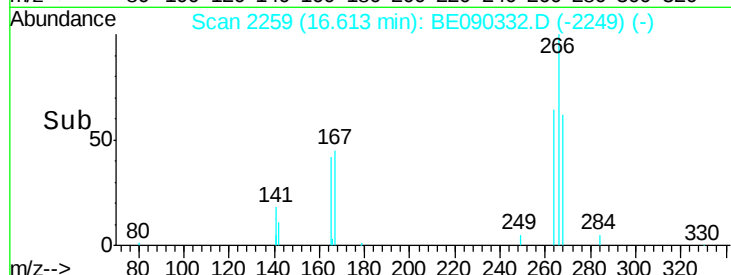
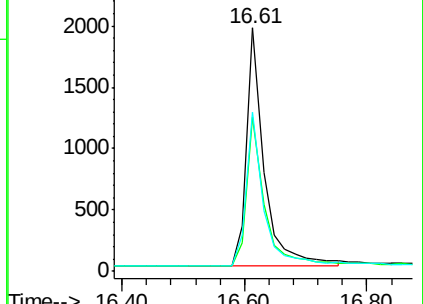
264 65.2 69.1 103.7#



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: 3.83 ng

RT: 17.00 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

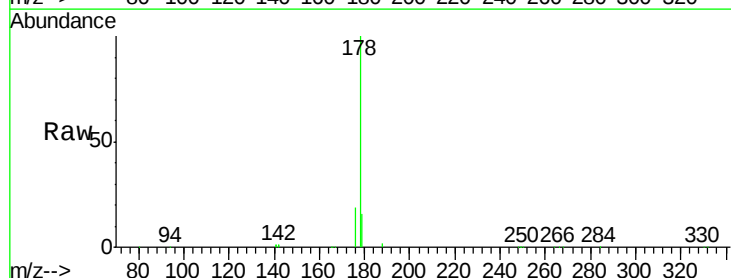
Tgt Ion:178 Resp: 35230

Ion Ratio Lower Upper

178 100

176 20.0 15.5 23.3

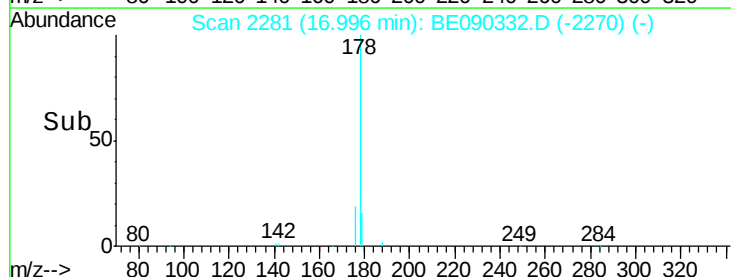
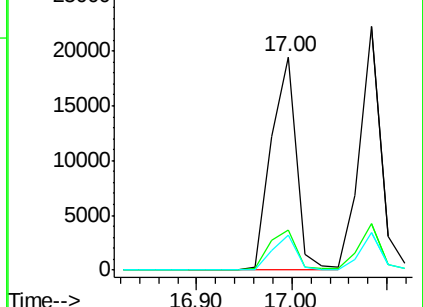
179 15.6 12.6 18.8

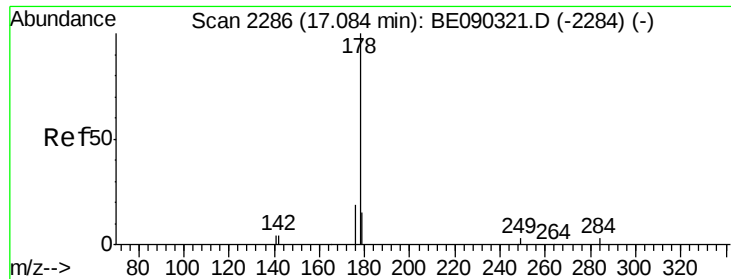


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 4.15 ng

RT: 17.08 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

Instrument :

BNA_E

ClientSampleId :

PB84826BSD

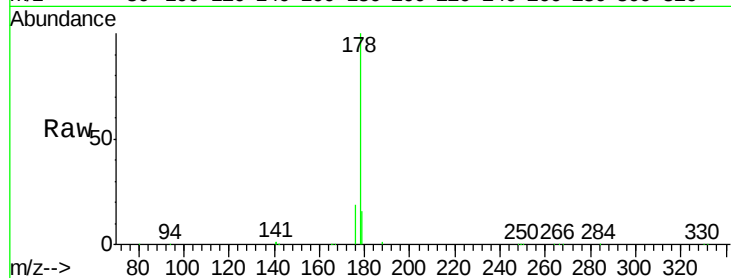
Tot Ion:178 Resp: 34101

Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

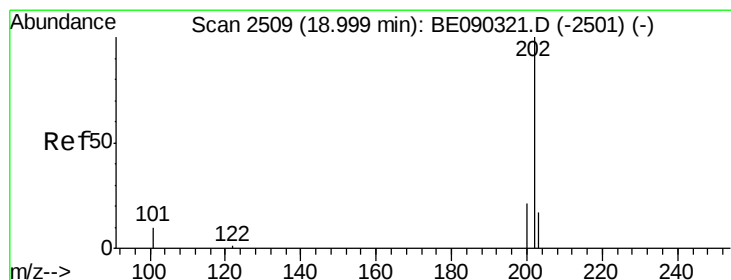
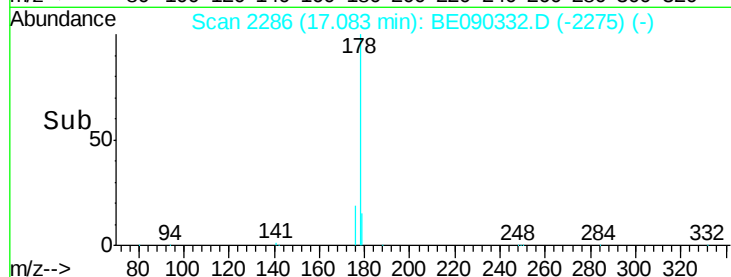
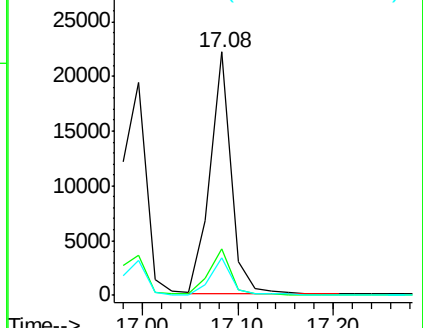
179 15.5 12.1 18.1



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: 4.27 ng

RT: 18.99 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

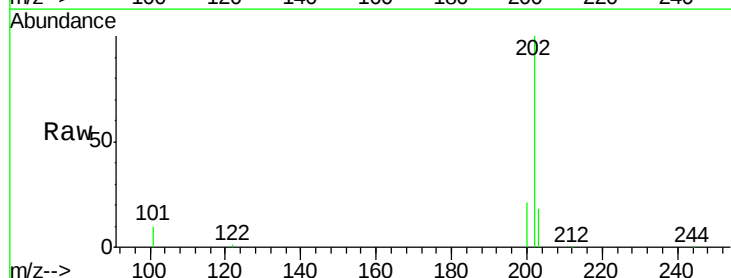
Tgt Ion:202 Resp: 39530

Ion Ratio Lower Upper

202 100

101 10.4 8.3 12.5

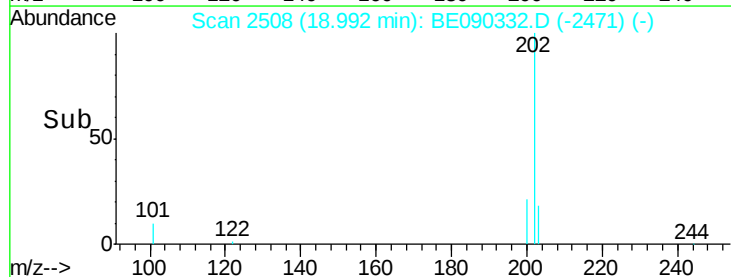
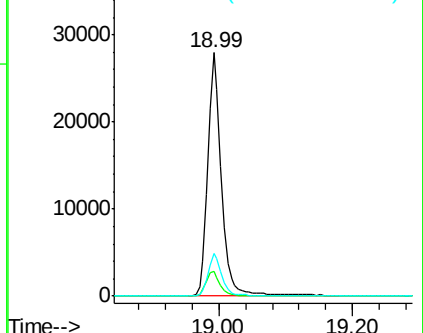
203 17.1 13.8 20.8

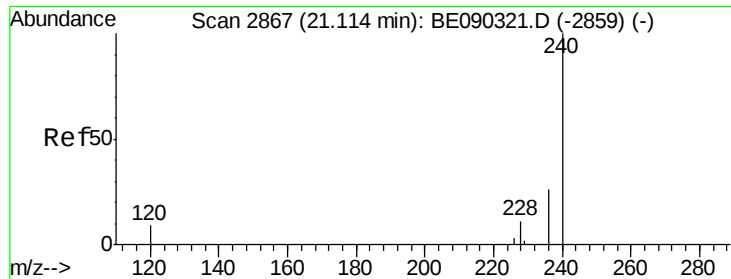


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2867

Delta R.T. -0.01 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

Instrument :

BNA_E

ClientSampleId :

PB84826BSD

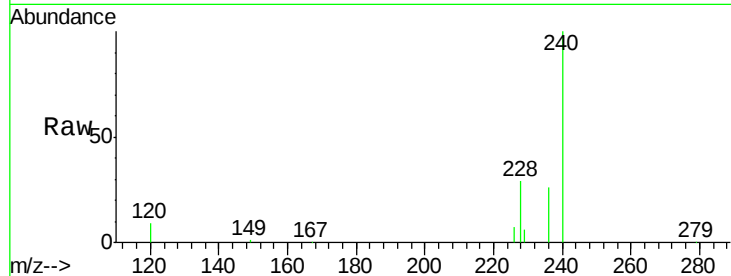
Tot Ion:240 Resp: 38821

Ion Ratio Lower Upper

240 100

120 9.4 7.5 11.3

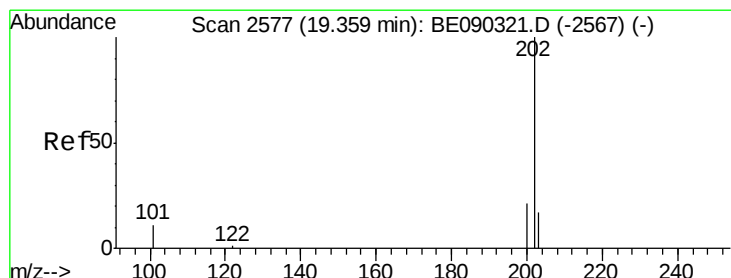
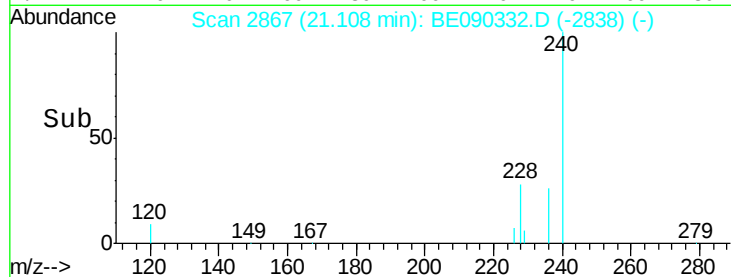
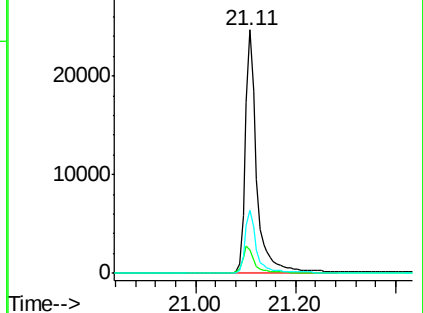
236 26.1 21.0 31.4



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: 4.00 ng

RT: 19.35 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

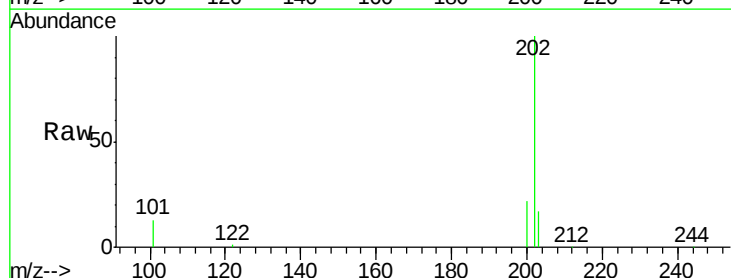
Tgt Ion:202 Resp: 41944

Ion Ratio Lower Upper

202 100

200 21.3 16.6 24.8

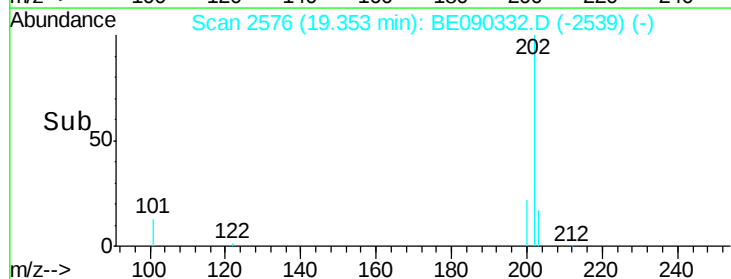
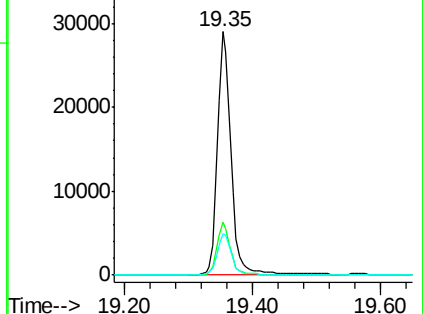
203 17.8 13.8 20.6

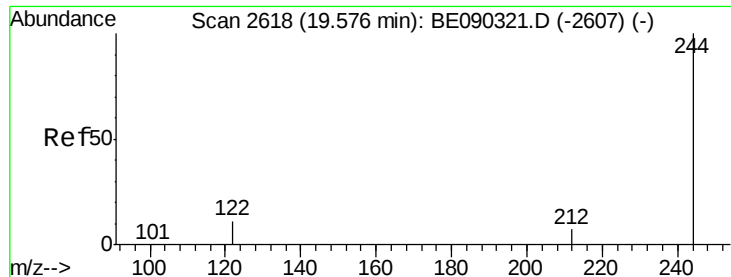


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

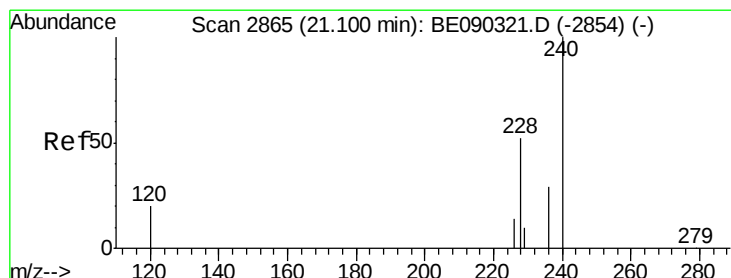
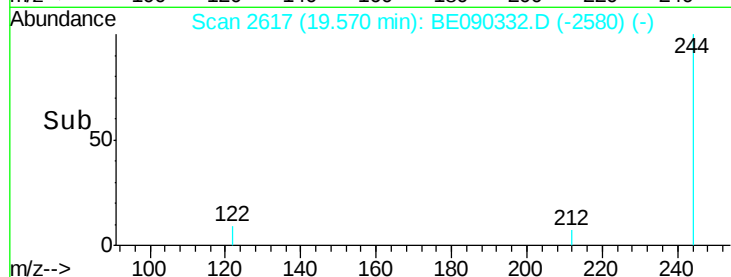
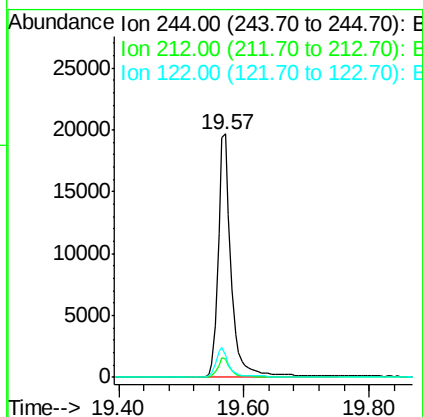
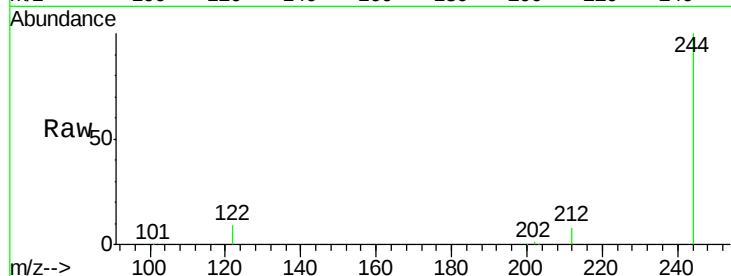




#27
 Terphenyl-d14
 Concen: 3.91 ng
 RT: 19.57 min Scan# 2617
 Delta R.T. -0.01 min
 Lab File: BE090332.D
 Acq: 4 Aug 2015 5:02

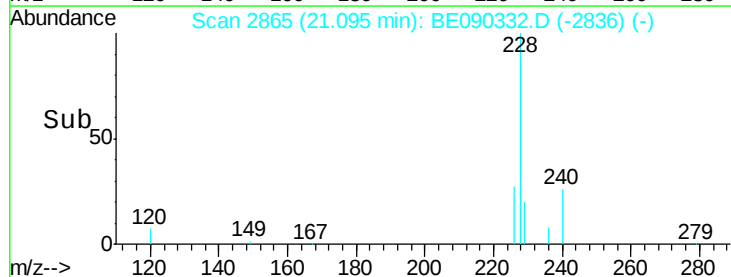
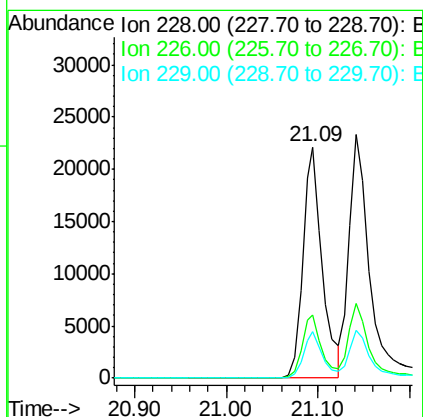
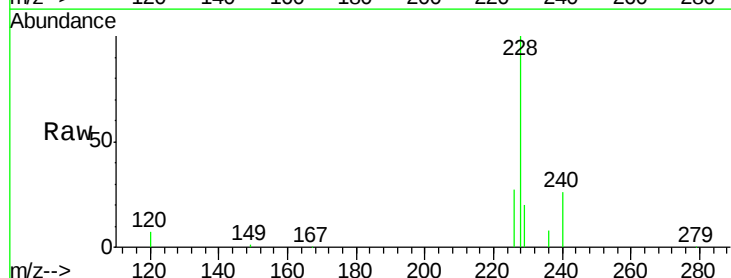
Instrument :
 BNA_E
 ClientSampleId :
 PB84826BSD

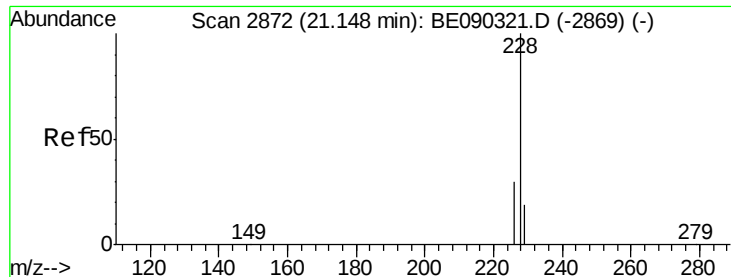
Tot Ion:244 Resp: 28434
 Ion Ratio Lower Upper
 244 100
 212 7.6 7.4 11.2
 122 9.3 10.4 15.6#



#28
 Benzo(a)anthracene
 Concen: 4.39 ng
 RT: 21.09 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BE090332.D
 Acq: 4 Aug 2015 5:02

Tgt Ion:228 Resp: 32409
 Ion Ratio Lower Upper
 228 100
 226 27.0 23.0 34.4
 229 20.0 17.4 26.2





#29

Chrysene

Concen: 4.20 ng

RT: 21.14 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

Instrument :

BNA_E

ClientSampleId :

PB84826BSD

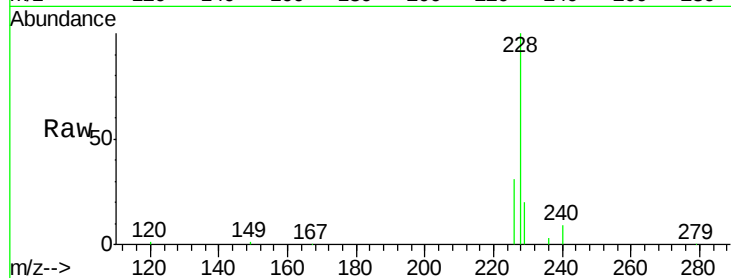
Tot Ion:228 Resp: 36987

Ion Ratio Lower Upper

228 100

226 30.6 24.9 37.3

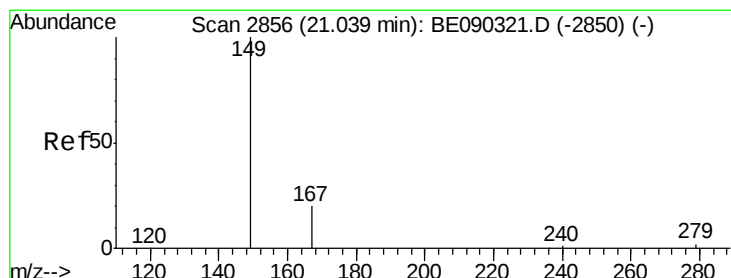
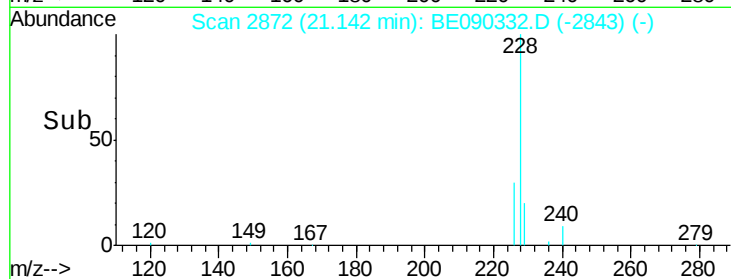
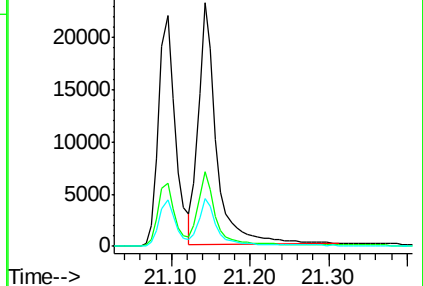
229 19.7 16.6 25.0



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 4.62 ng

RT: 21.04 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

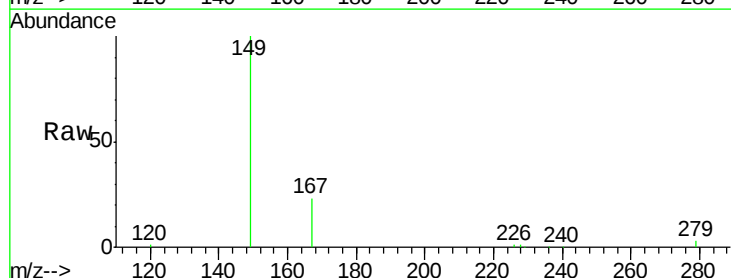
Tgt Ion:149 Resp: 15462

Ion Ratio Lower Upper

149 100

167 22.2 16.6 24.8

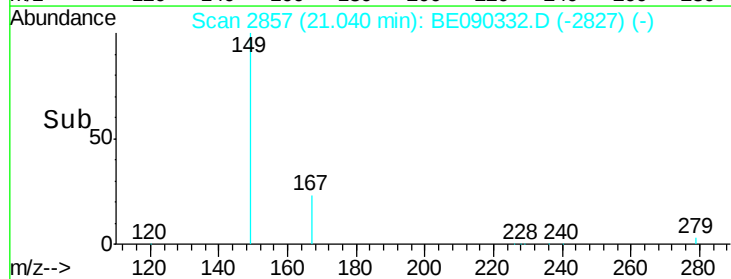
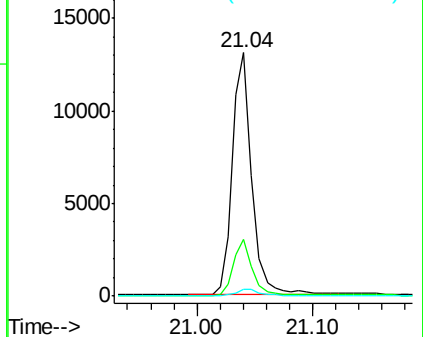
279 2.8 2.7 4.1

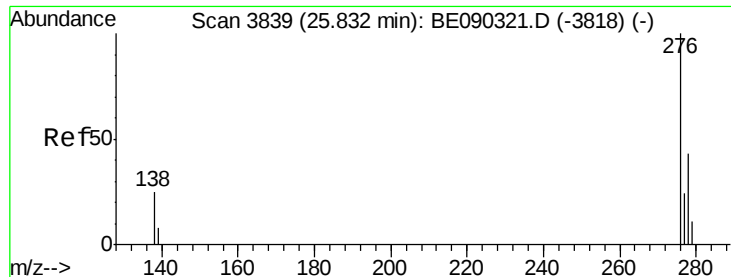


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 4.92 ng

RT: 25.82 min Scan# 3837

Delta R.T. -0.01 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

Instrument :

BNA_E

ClientSampleId :

PB84826BSD

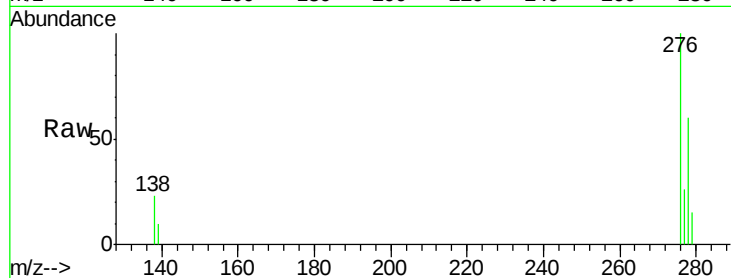
Tot Ion:276 Resp: 26129

Ion Ratio Lower Upper

276 100

138 23.2 10.6 16.0#

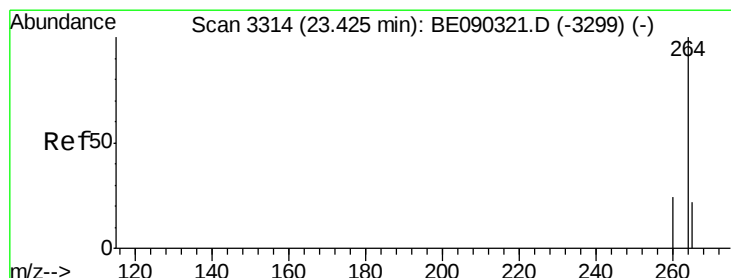
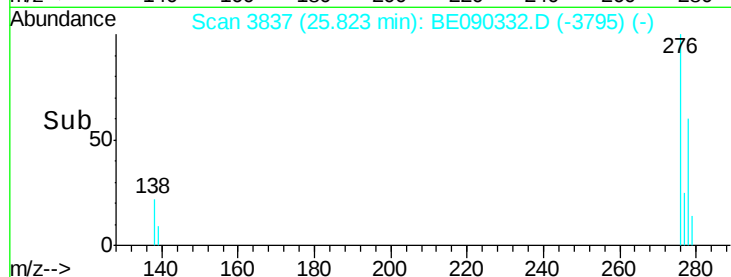
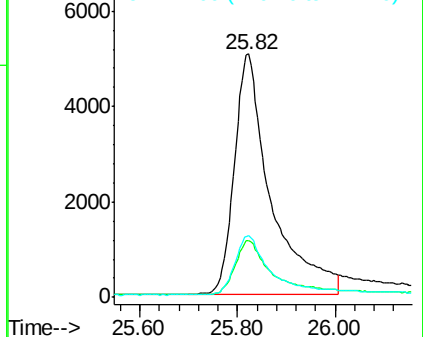
277 23.7 14.6 22.0#



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.42 min Scan# 3313

Delta R.T. -0.01 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

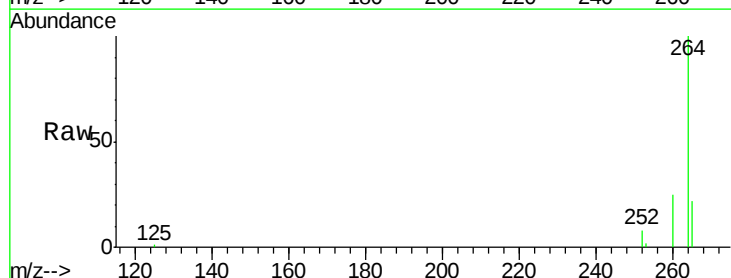
Tgt Ion:264 Resp: 33503

Ion Ratio Lower Upper

264 100

260 24.8 20.1 30.1

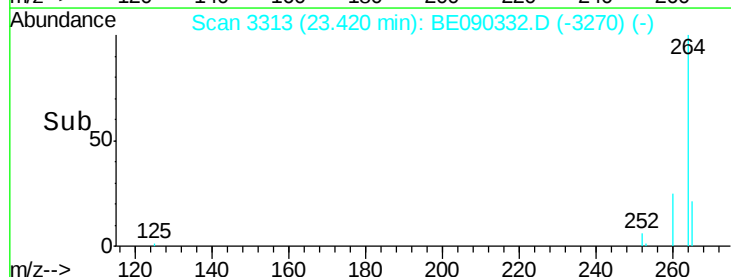
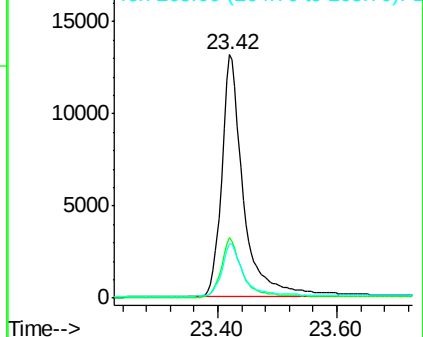
265 22.1 18.6 28.0

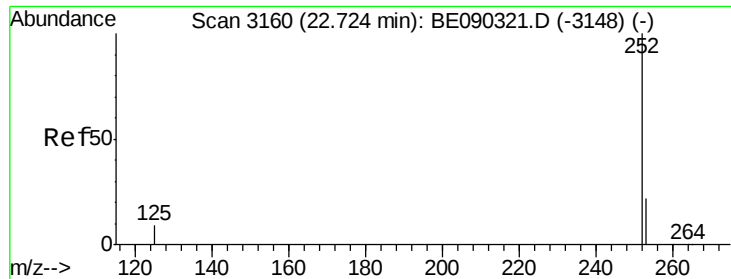


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 3.92 ng

RT: 22.72 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

Instrument :

BNA_E

ClientSampleId :

PB84826BSD

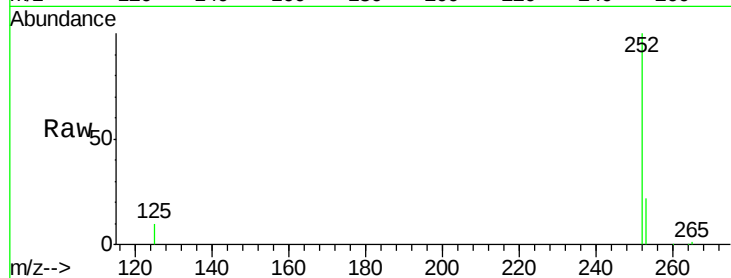
Tot Ion:252 Resp: 24833

Ion Ratio Lower Upper

252 100

253 22.1 21.5 32.3

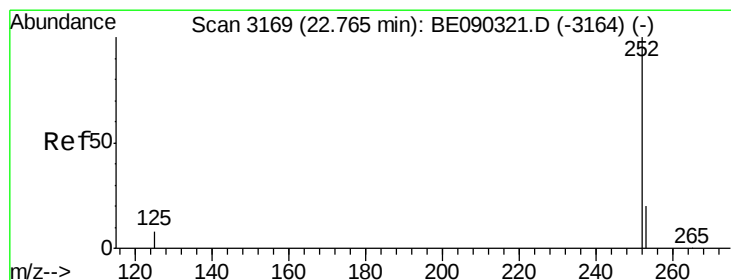
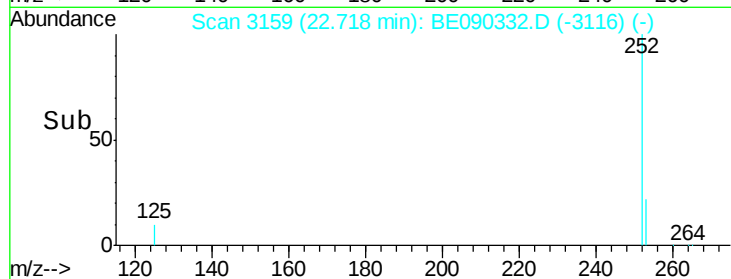
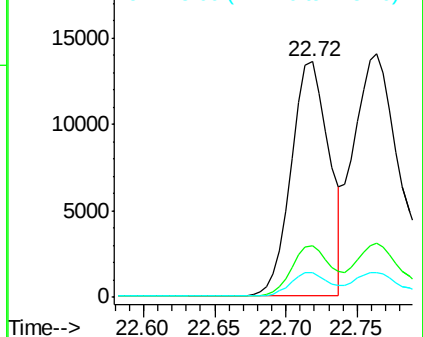
125 10.2 11.8 17.8#



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



#34

Benzo(k)fluoranthene

Concen: 3.82 ng

RT: 22.76 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BE090332.D

Acq: 4 Aug 2015 5:02

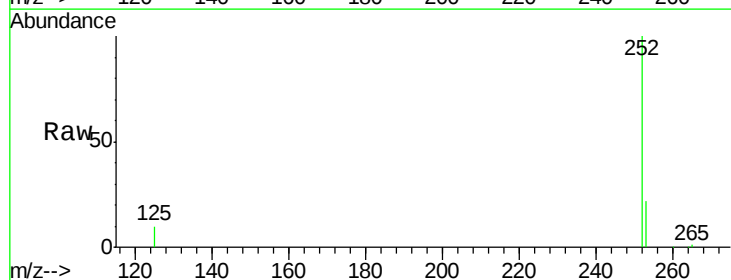
Tgt Ion:252 Resp: 34717

Ion Ratio Lower Upper

252 100

253 22.5 19.9 29.9

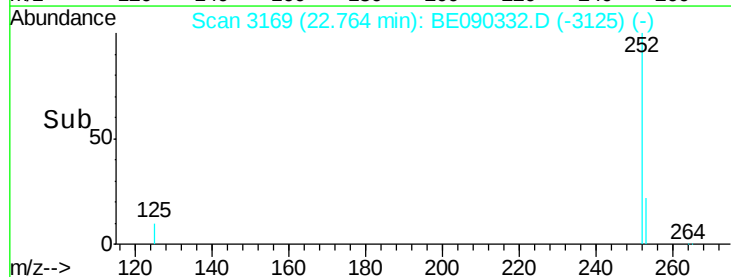
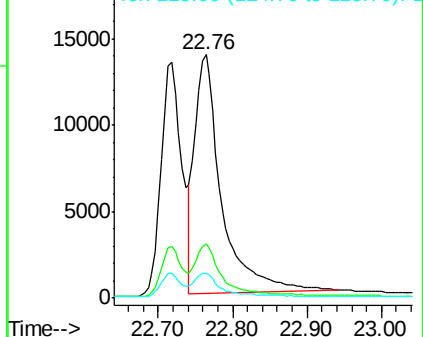
125 10.1 11.2 16.8#

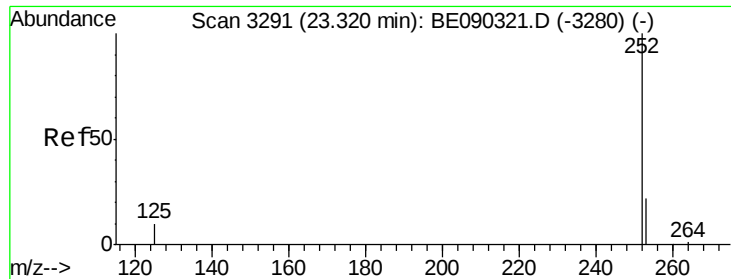


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

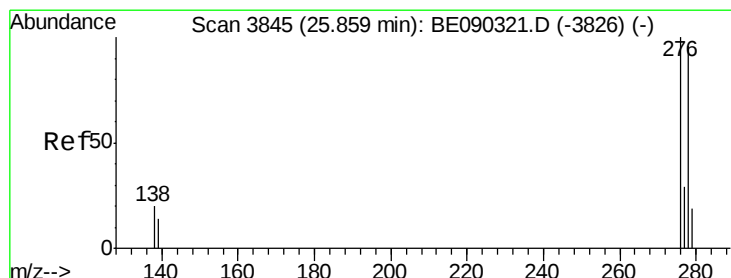
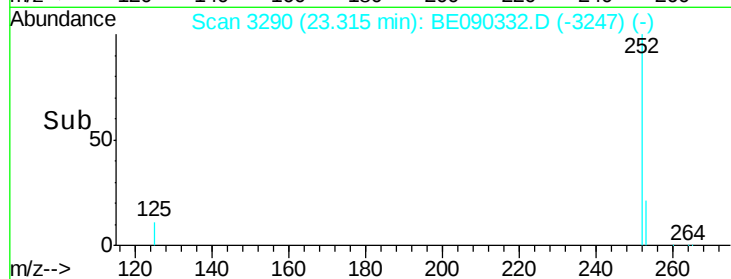
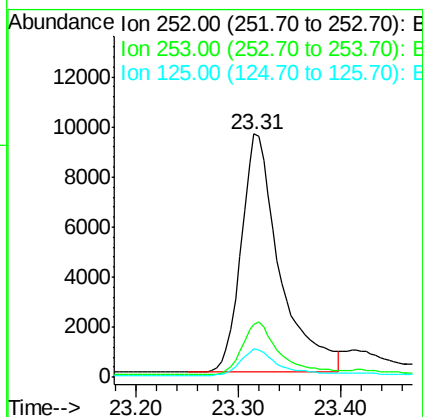
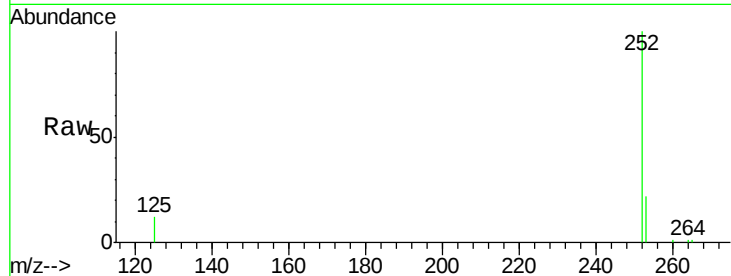




#35
Benzo(a)pyrene
Concen: 4.23 ng
RT: 23.31 min Scan# 3290
Delta R.T. -0.01 min
Lab File: BE090332.D
Acq: 4 Aug 2015 5:02

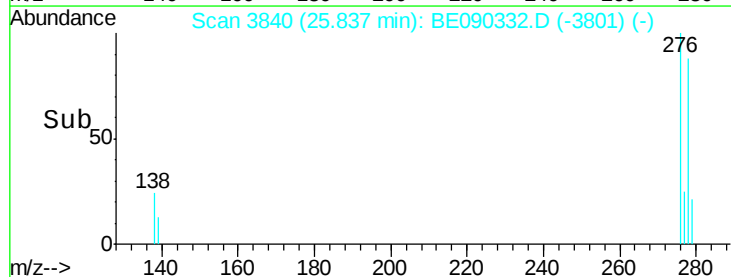
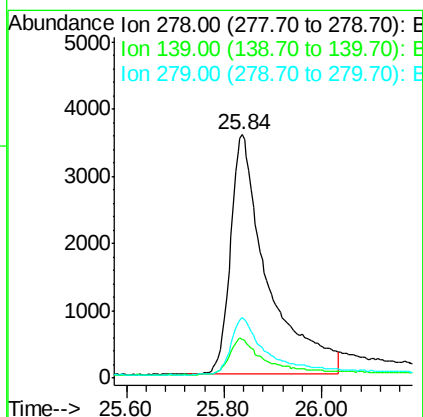
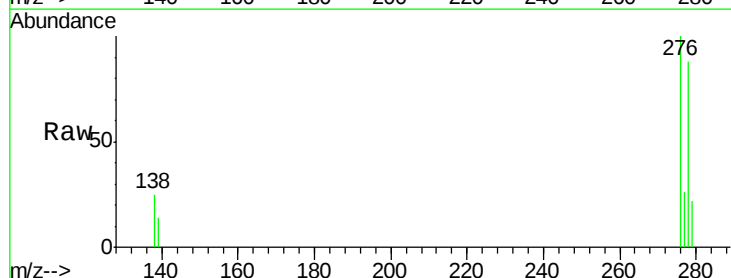
Instrument :
BNA_E
ClientSampleId :
PB84826BSD

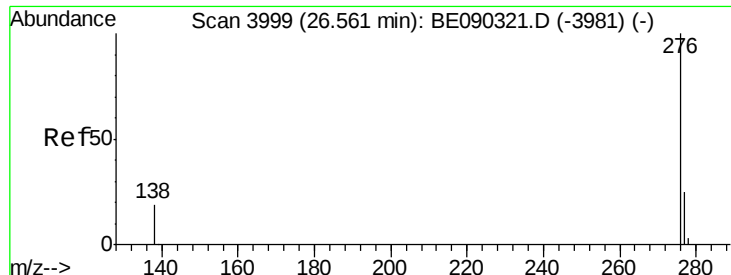
Tot Ion:252 Resp: 24952
Ion Ratio Lower Upper
252 100
253 21.9 23.0 34.4#
125 11.6 14.2 21.2#



#36
Dibenzo(a,h)anthracene
Concen: 4.76 ng
RT: 25.84 min Scan# 3840
Delta R.T. -0.02 min
Lab File: BE090332.D
Acq: 4 Aug 2015 5:02

Tgt Ion:278 Resp: 18861
Ion Ratio Lower Upper
278 100
139 16.2 27.8 41.6#
279 24.9 30.9 46.3#





#37

Benzo(a,h,i)perylene

Concen: 4.34 ng

RT: 26.55 min Scan# 3996

Delta R.T. -0.01 min

Lab File: BE090332.D

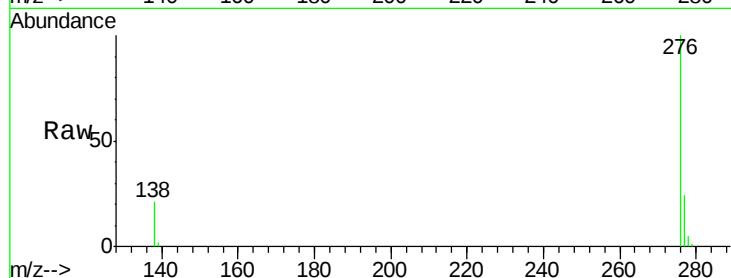
Acq: 4 Aug 2015 5:02

Instrument :

BNA_E

ClientSampleId :

PB84826BSD



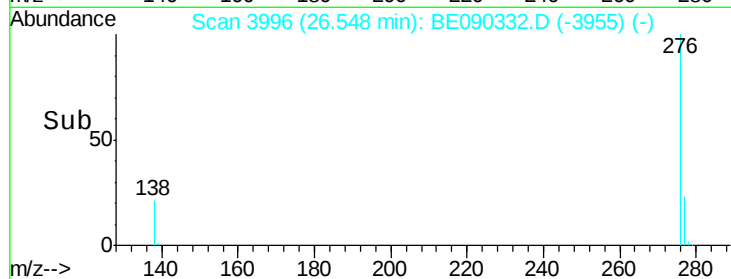
Tot Ion: 276 Resp: 26826

Ion Ratio Lower Upper

276 100

277 23.7 25.6 38.4#

138 21.2 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

