

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081715\
 Data File : BE090536.D
 Acq On : 17 Aug 2015 16:59
 Operator : UM/IZ
 Sample : G3323-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 18 04:35:18 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	17436	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	84803	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	47271	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	104801	5.00	ng	0.00
25) Chrysene-d12	21.09	240	112545	5.00	ng	0.00
32) Perylene-d12	23.40	264	105372	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	13088	2.60	ng	0.00
5) Phenol-d6	6.78	99	11762	1.59	ng	0.00
7) Nitrobenzene-d5	8.73	82	20539	3.04	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	17459	9.60	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	44928	3.18	ng	0.00
27) Terphenyl-d14	19.55	244	88151	4.28	ng	0.00

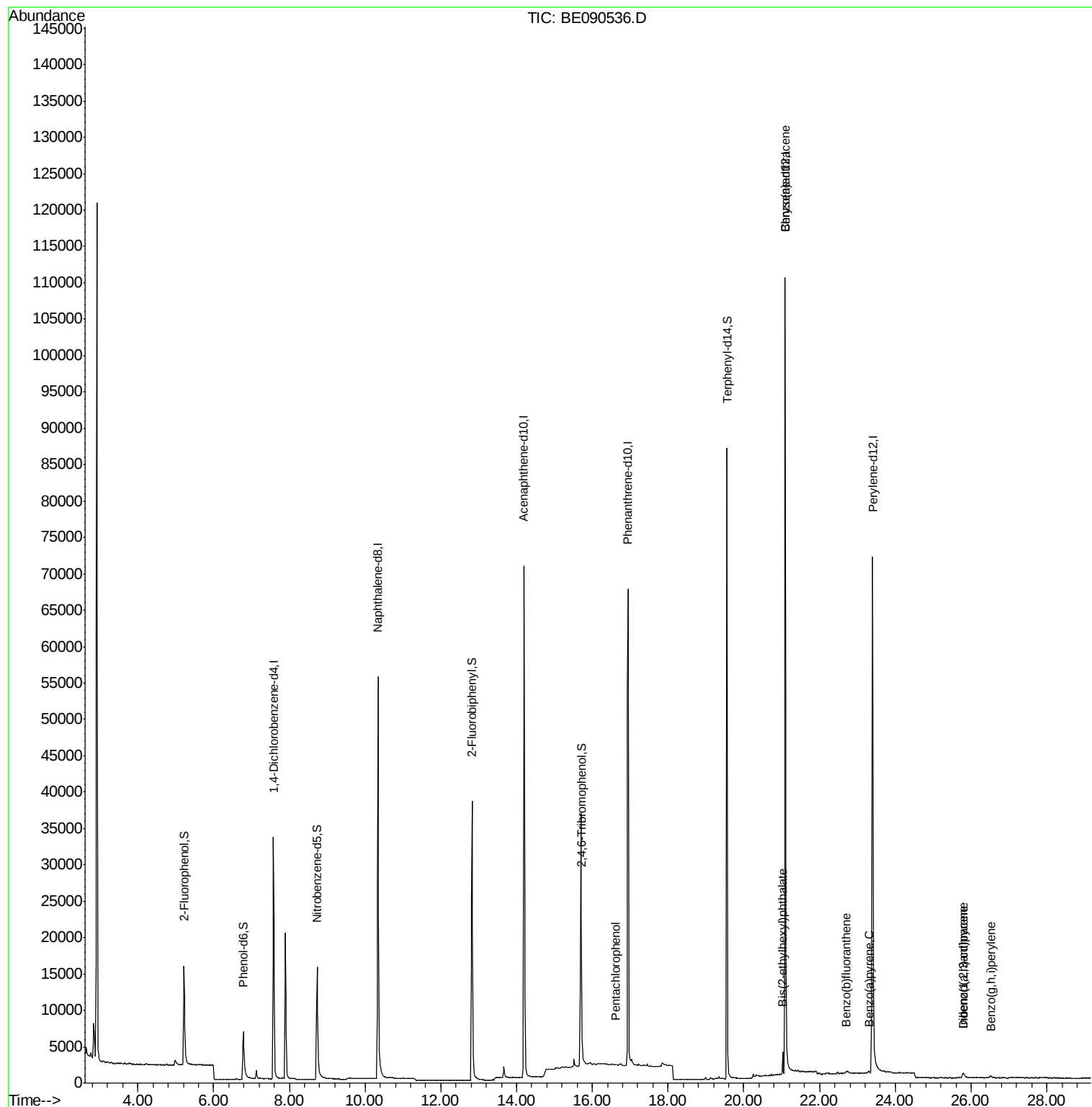
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	15	Below Cal	#	1
21) Pentachlorophenol	16.61	266	63	0.33	ng	73
28) Benzo(a)anthracene	21.09	228	593	0.02	ng	64
30) Bis(2-ethylhexyl)phthalate	21.03	149	2850	0.30	ng	97
31) Indeno(1,2,3-cd)pyrene	25.79	276	968	0.03	ng	88
33) Benzo(b)fluoranthene	22.70	252	527	0.02	ng	1
35) Benzo(a)pyrene	23.29	252	483	0.02	ng	1
36) Dibenzo(a,h)anthracene	25.81	278	864	0.04	ng	8
37) Benzo(g,h,i)perylene	26.52	276	766	0.03	ng	28

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081715\
Data File : BE090536.D
Acq On : 17 Aug 2015 16:59
Operator : UM/IZ
Sample : G3323-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 18 04:35:18 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 16:52:42 2015
Response via : Initial Calibration



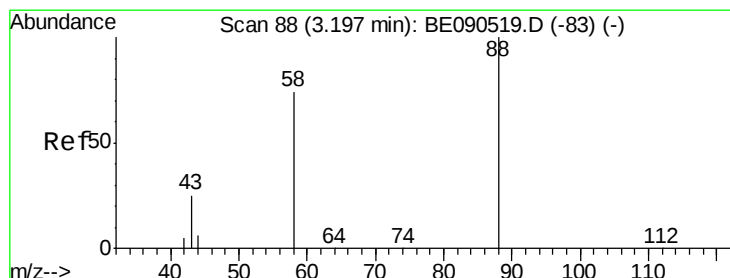
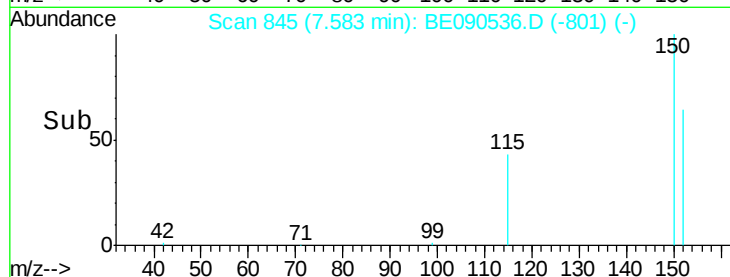
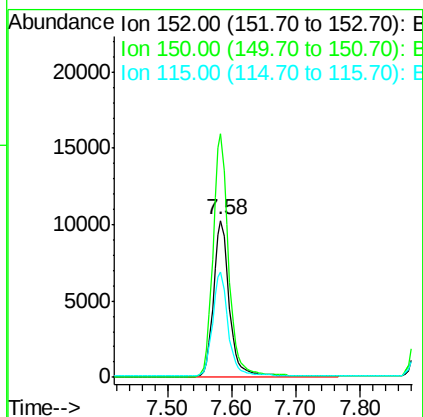
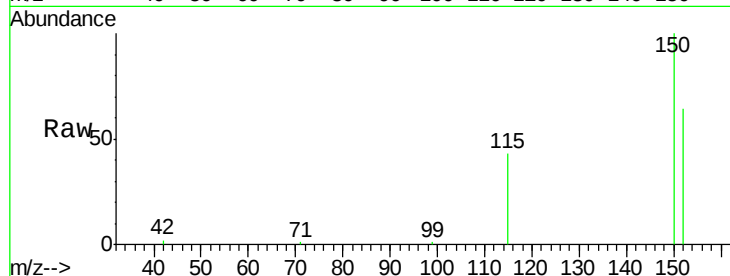


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 845
Delta R.T. -0.00 min
Lab File: BE090536.D
Acq: 17 Aug 2015 16:59

Instrument :
BNA_E
ClientSampled :

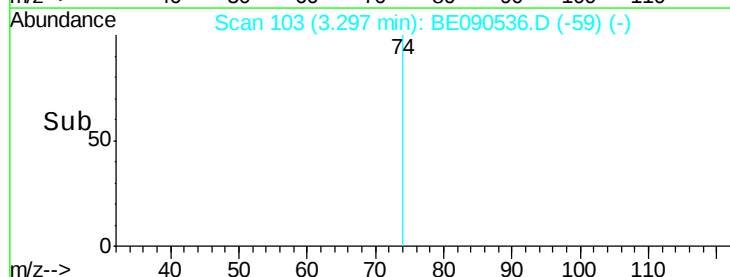
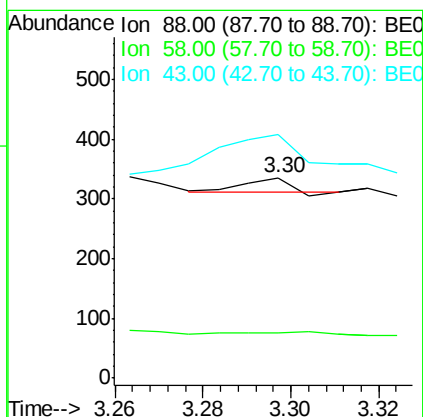
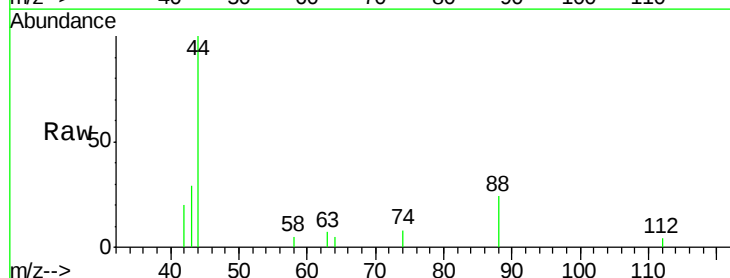
Tot Ion:152 Resp: 17436
Ion Ratio Lower Upper
152 100
150 155.5 123.0 184.4
115 66.9 48.9 73.3



#2

1,4-Dioxane
Concen: Below Cal
RT: 3.30 min Scan# 103
Delta R.T. 0.10 min
Lab File: BE090536.D
Acq: 17 Aug 2015 16:59

Tgt Ion: 88 Resp: 15
Ion Ratio Lower Upper
88 100
58 33.3 70.0 105.0#
43 826.7 28.4 42.6#





#4

2-Fluorophenol

Concen: 2.60 ng

RT: 5.22 min Scan# 387

Delta R.T. 0.01 min

Lab File: BE090536.D

Acq: 17 Aug 2015 16:59

Instrument :

BNA_E

ClientSampleId :

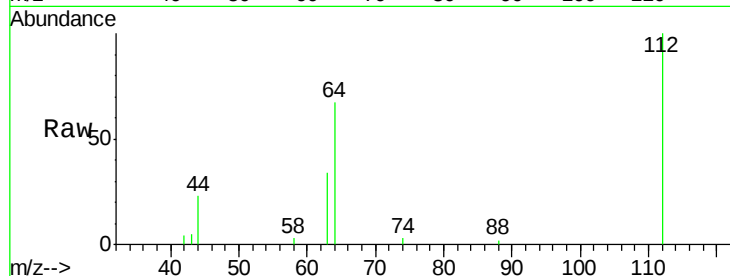
Tot Ion:112 Resp: 13088

Ion Ratio Lower Upper

112 100

64 69.7 37.1 55.7#

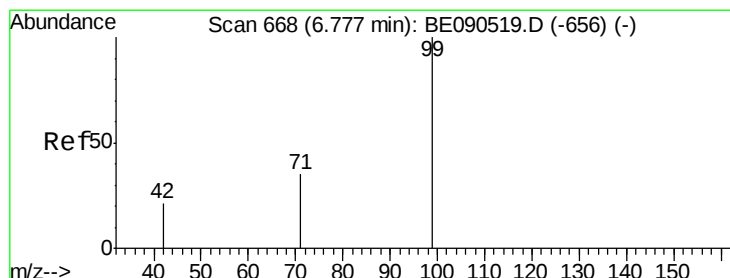
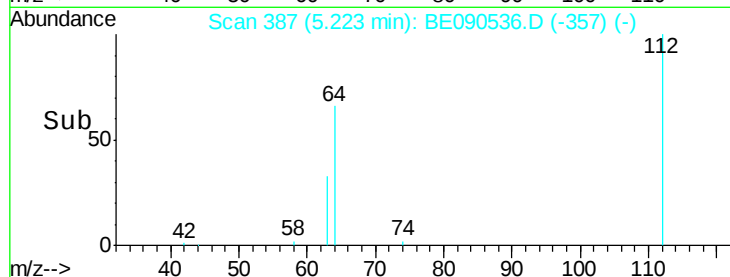
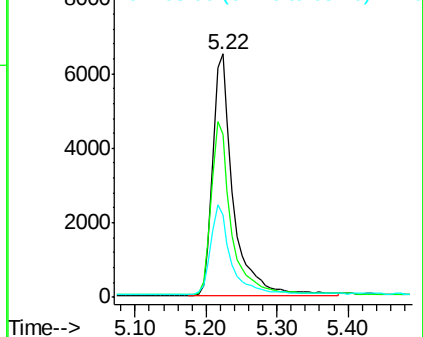
63 35.8 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 1.59 ng

RT: 6.78 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE090536.D

Acq: 17 Aug 2015 16:59

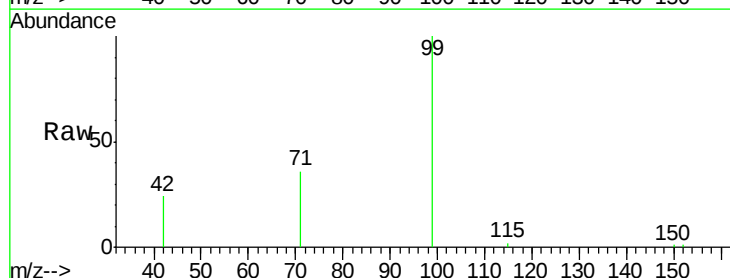
Tgt Ion: 99 Resp: 11762

Ion Ratio Lower Upper

99 100

42 20.3 18.2 27.4

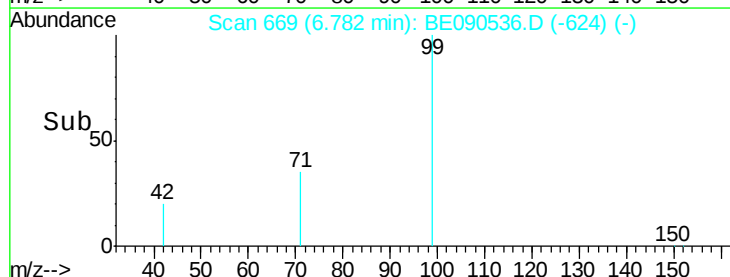
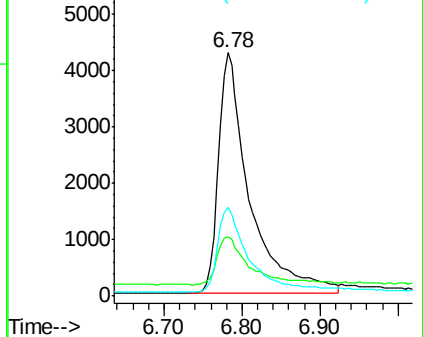
71 37.2 27.4 41.0

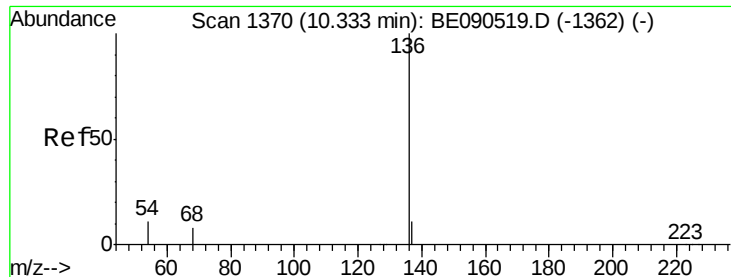


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.34 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BE090536.D

Acq: 17 Aug 2015 16:59

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 84803

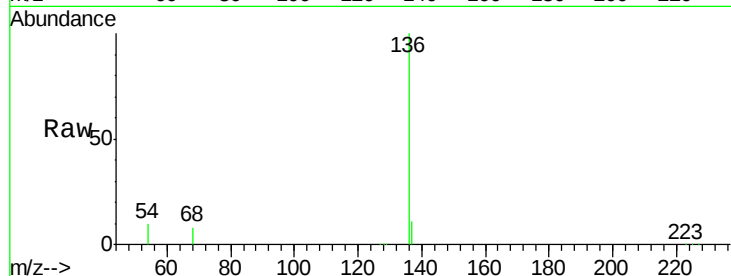
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.4 9.4 14.0

68 7.8 6.5 9.7

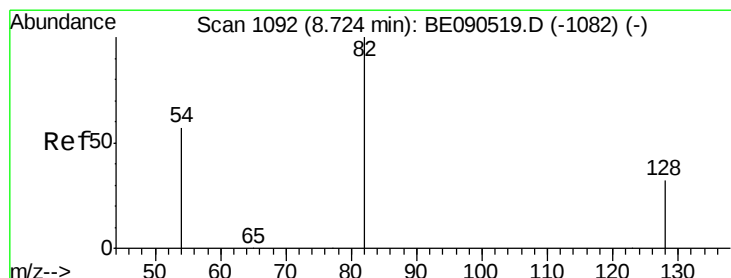
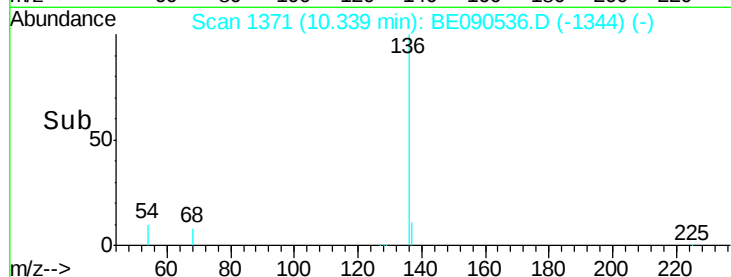
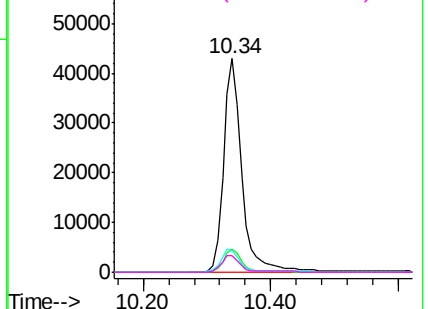


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.04 ng

RT: 8.73 min Scan# 1093

Delta R.T. 0.01 min

Lab File: BE090536.D

Acq: 17 Aug 2015 16:59

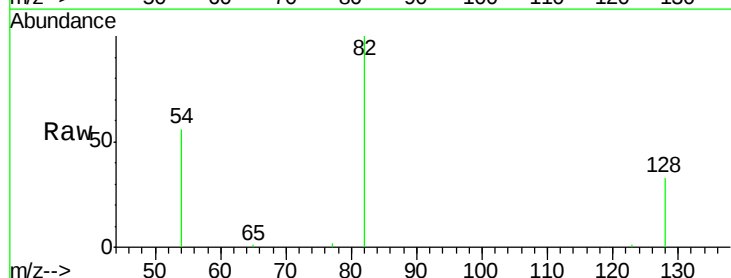
Tgt Ion: 82 Resp: 20539

Ion Ratio Lower Upper

82 100

128 32.8 25.0 37.6

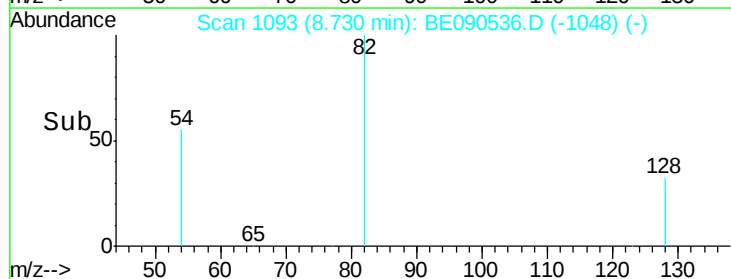
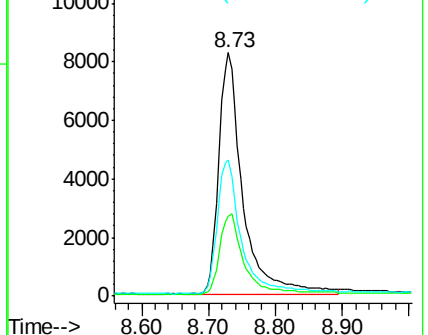
54 55.6 48.8 73.2

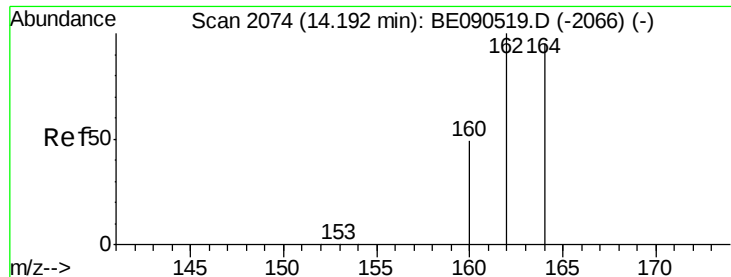


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BE090536.D

Acq: 17 Aug 2015 16:59

Instrument :

BNA_E

ClientSampleId :

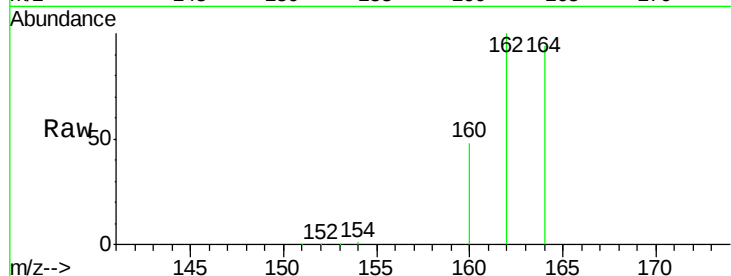
Tot Ion:164 Resp: 47271

Ion Ratio Lower Upper

164 100

162 106.9 81.8 122.8

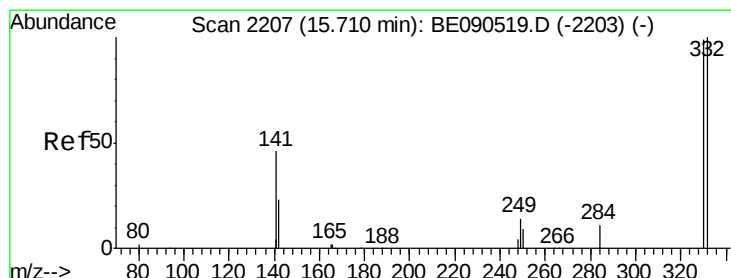
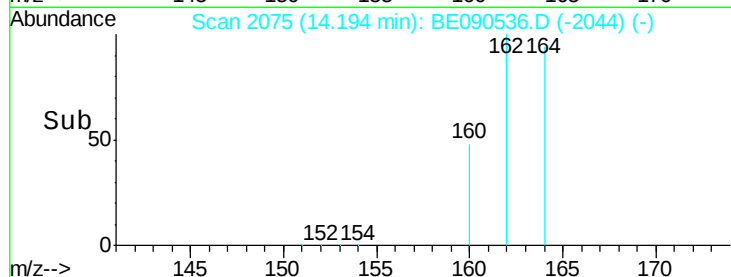
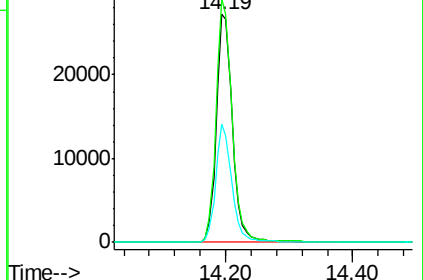
160 51.6 44.2 66.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#13

2,4,6-Tribromophenol

Concen: 9.60 ng

RT: 15.71 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BE090536.D

Acq: 17 Aug 2015 16:59

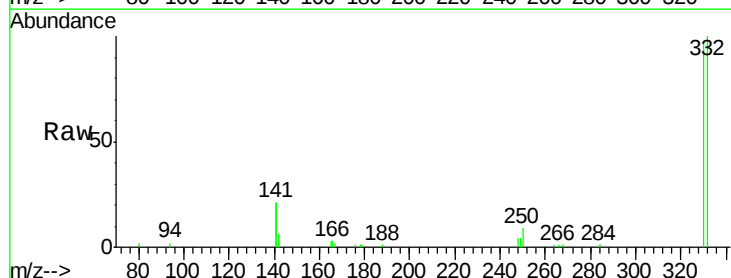
Tgt Ion:330 Resp: 17459

Ion Ratio Lower Upper

330 100

332 96.5 75.8 113.6

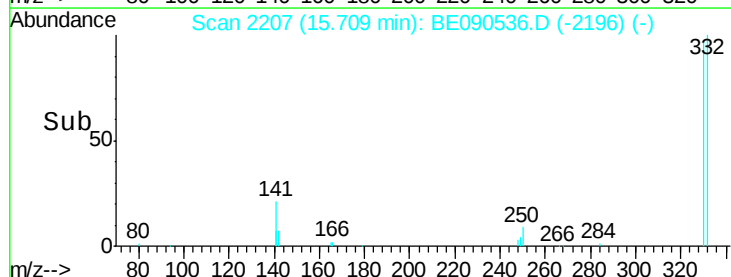
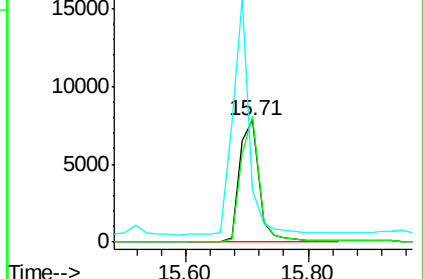
141 164.4 114.4 171.6

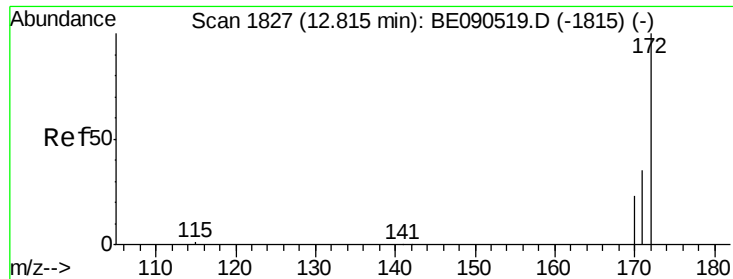


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

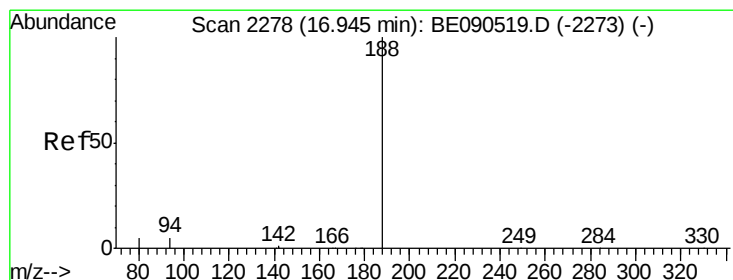
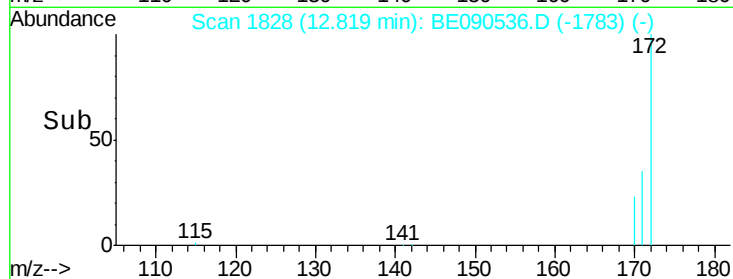
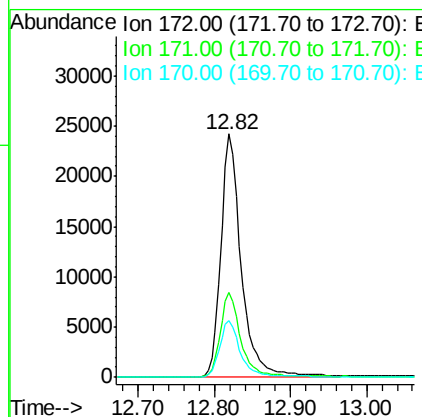
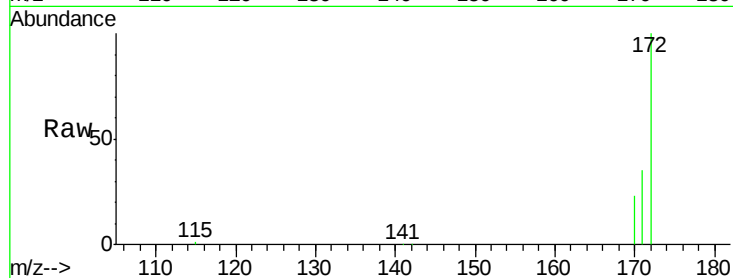




#14
2-Fluorobiphenyl
Concen: 3.18 ng
RT: 12.82 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BE090536.D
Acq: 17 Aug 2015 16:59

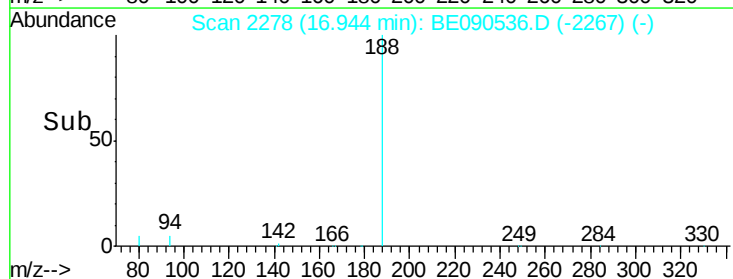
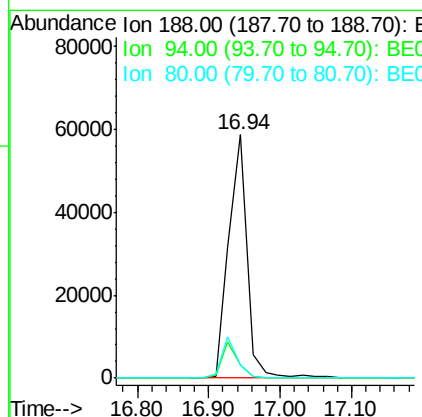
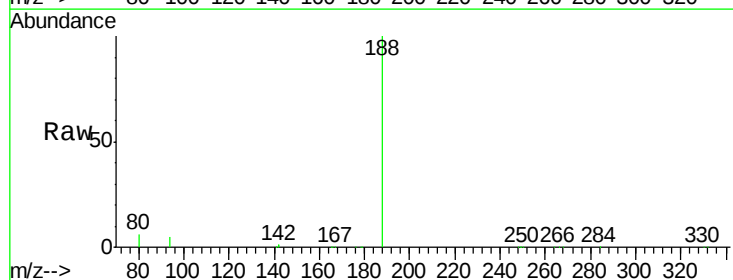
Instrument :
BNA_E
ClientSampleId :

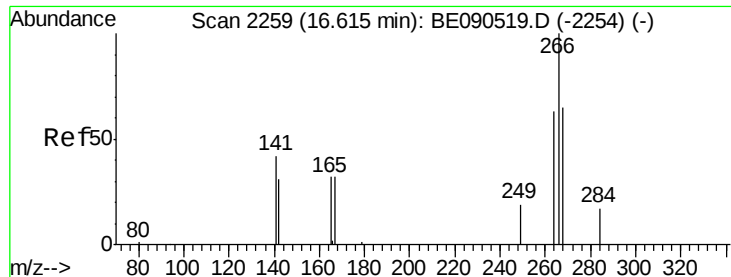
Tot Ion:172 Resp: 44928
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 23.5 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090536.D
Acq: 17 Aug 2015 16:59

Tgt Ion:188 Resp: 104801
Ion Ratio Lower Upper
188 100
94 5.4 5.7 8.5#
80 5.6 5.8 8.8#

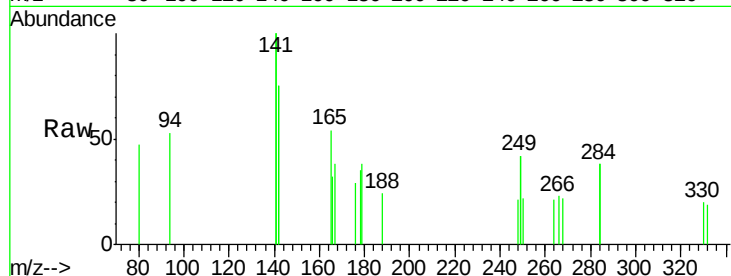




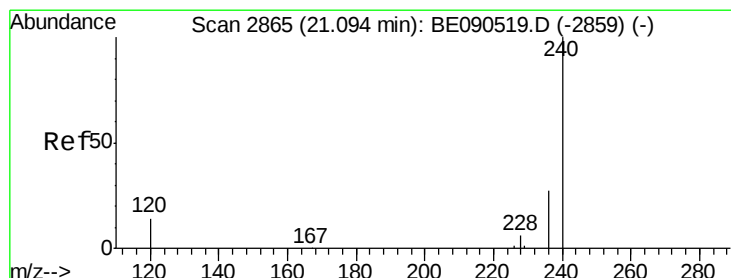
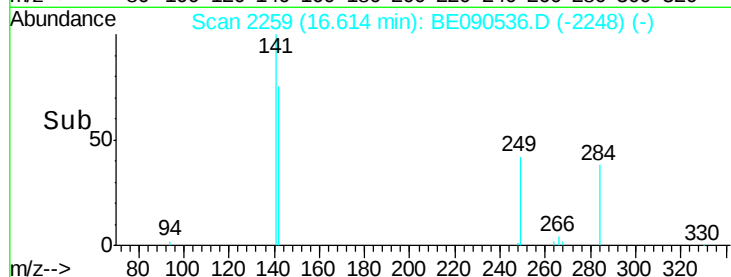
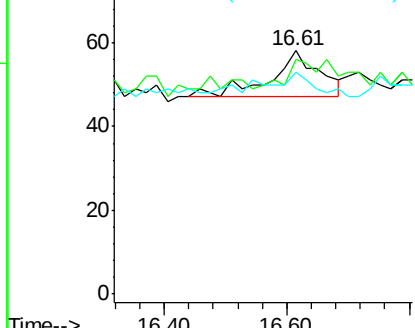
#21
 Pentachlorophenol
 Concen: 0.33 ng
 RT: 16.61 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BE090536.D
 Acq: 17 Aug 2015 16:59

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 63
 Ion Ratio Lower Upper
 266 100
 268 96.6 58.5 87.7#
 264 91.4 56.0 84.0#

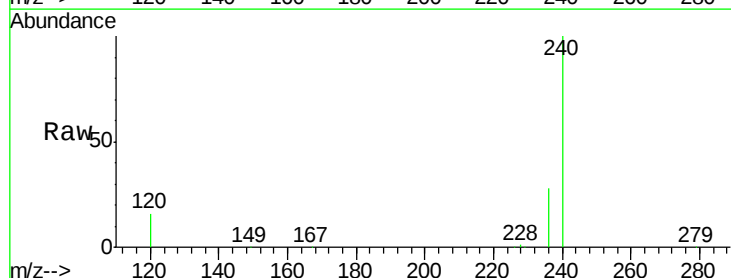


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

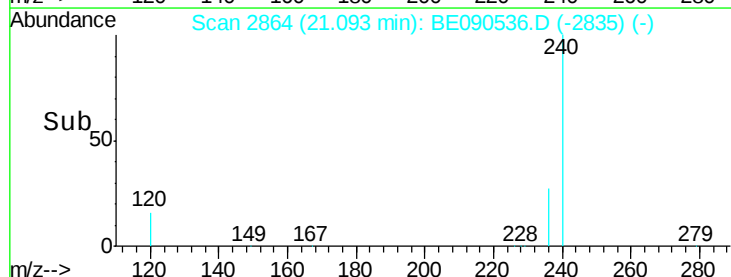
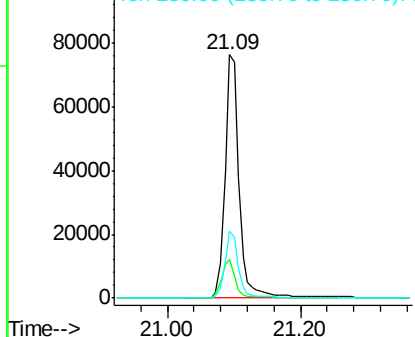


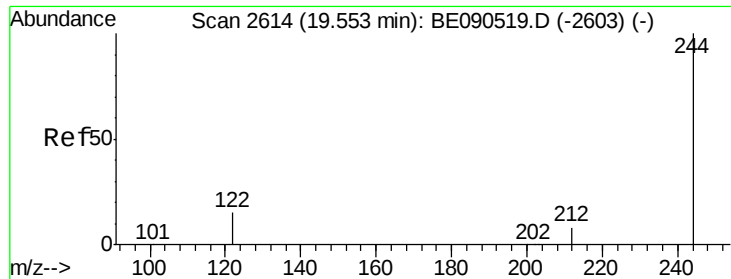
#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.09 min Scan# 2864
 Delta R.T. -0.00 min
 Lab File: BE090536.D
 Acq: 17 Aug 2015 16:59

Tgt Ion:240 Resp: 112545
 Ion Ratio Lower Upper
 240 100
 120 15.8 8.3 12.5#
 236 27.5 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





#27

Terphenyl-d14

Concen: 4.28 ng

RT: 19.55 min Scan# 2614

Delta R.T. 0.00 min

Lab File: BE090536.D

Acq: 17 Aug 2015 16:59

Instrument :

BNA_E

ClientSampled :

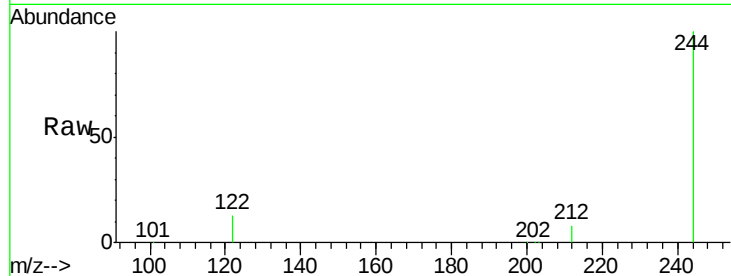
Tot Ion:244 Resp: 88151

Ion Ratio Lower Upper

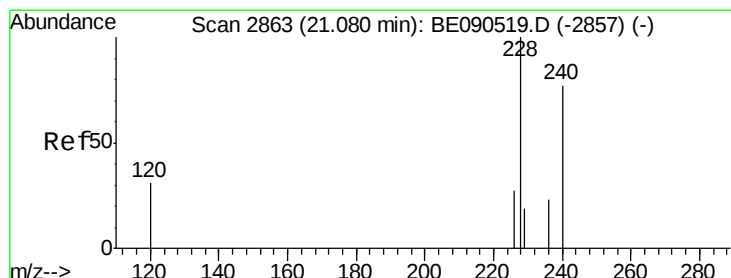
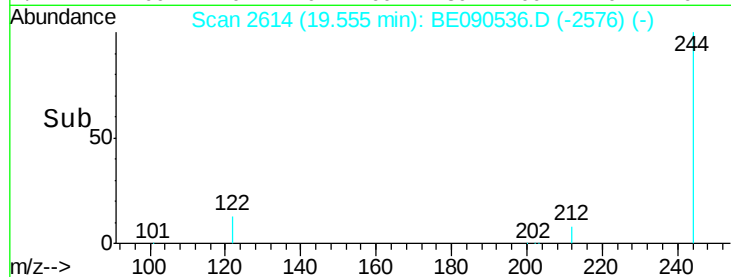
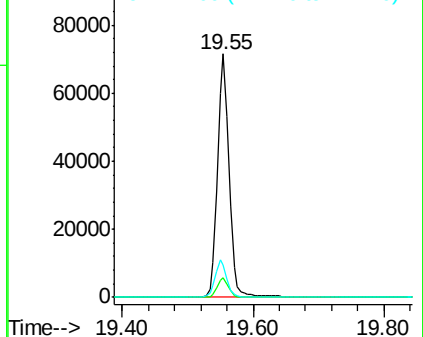
244 100

212 7.8 6.6 9.8

122 13.1 10.2 15.4



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: 0.02 ng

RT: 21.09 min Scan# 2864

Delta R.T. 0.01 min

Lab File: BE090536.D

Acq: 17 Aug 2015 16:59

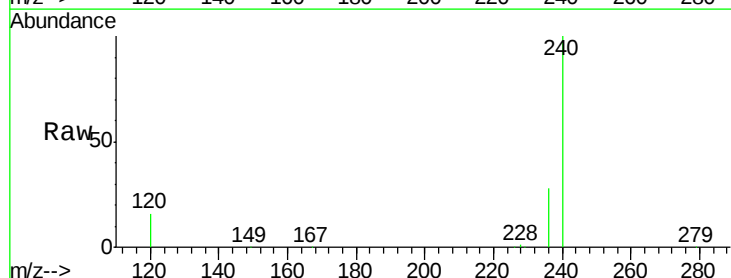
Tgt Ion:228 Resp: 593

Ion Ratio Lower Upper

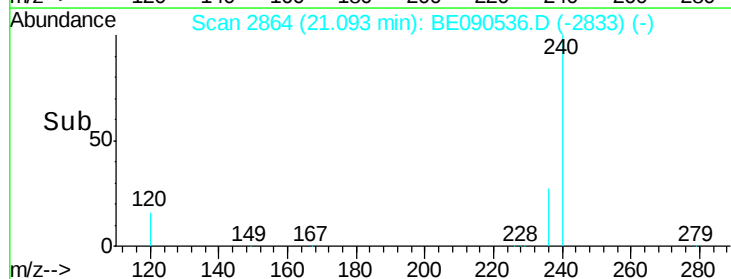
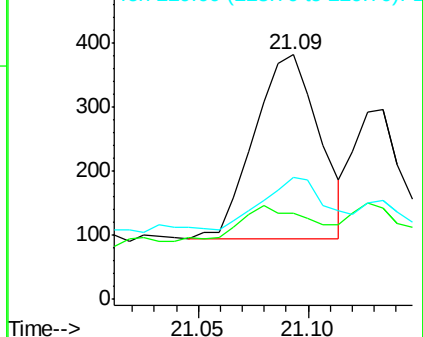
228 100

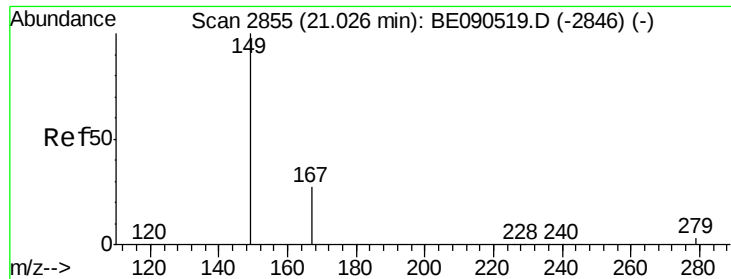
226 35.1 21.9 32.9#

229 49.5 15.4 23.0#



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

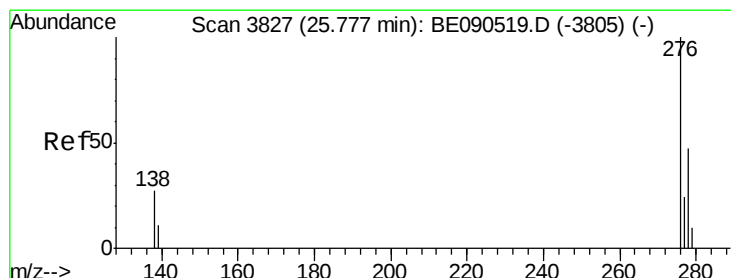
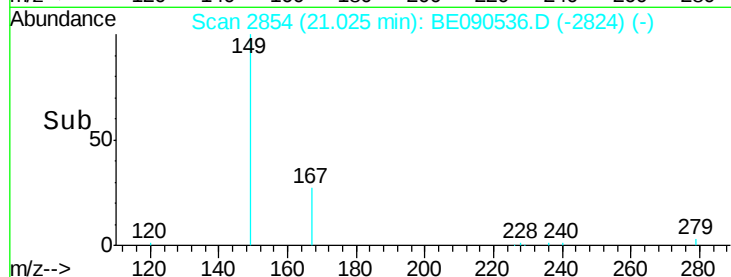
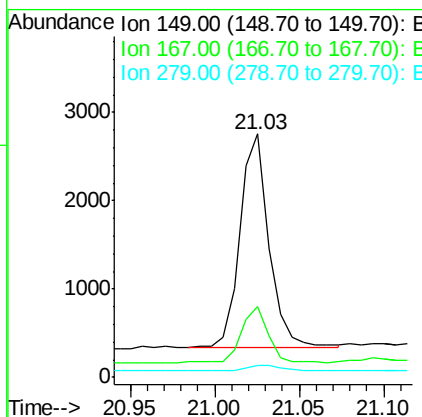
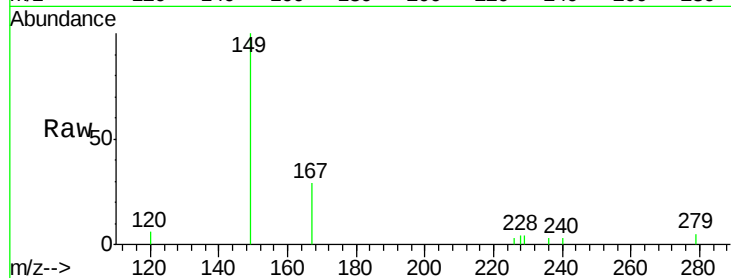




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.30 ng
 RT: 21.03 min Scan# 2854
 Delta R.T. 0.00 min
 Lab File: BE090536.D
 Acq: 17 Aug 2015 16:59

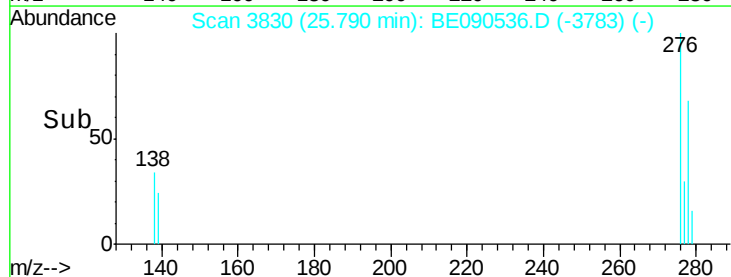
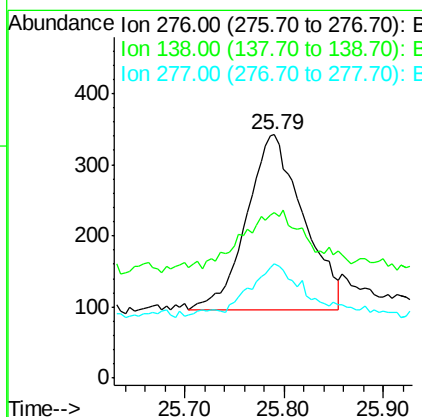
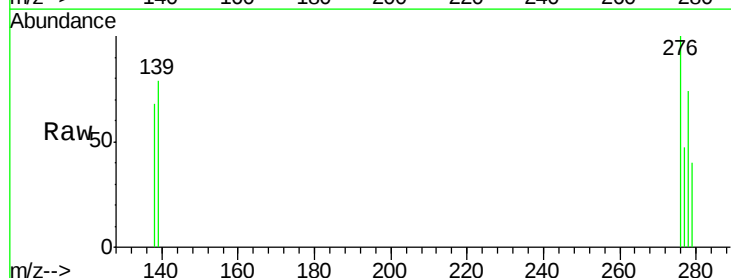
Instrument :
 BNA_E
 ClientSampleId :

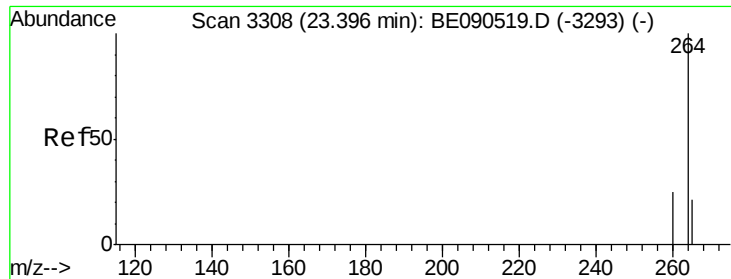
Tot Ion:149 Resp: 2850
 Ion Ratio Lower Upper
 149 100
 167 26.6 19.8 29.8
 279 3.3 2.4 3.6



#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.03 ng
 RT: 25.79 min Scan# 3830
 Delta R.T. 0.01 min
 Lab File: BE090536.D
 Acq: 17 Aug 2015 16:59

Tgt Ion:276 Resp: 968
 Ion Ratio Lower Upper
 276 100
 138 34.6 18.8 28.2#
 277 23.0 18.2 27.4

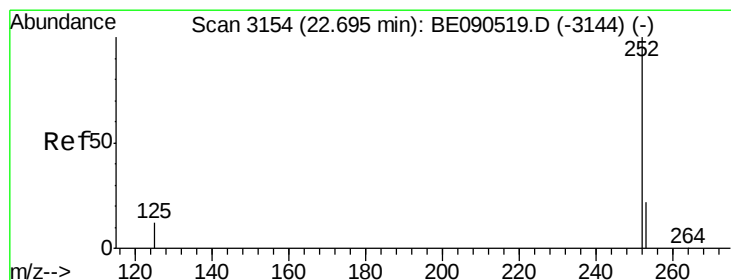
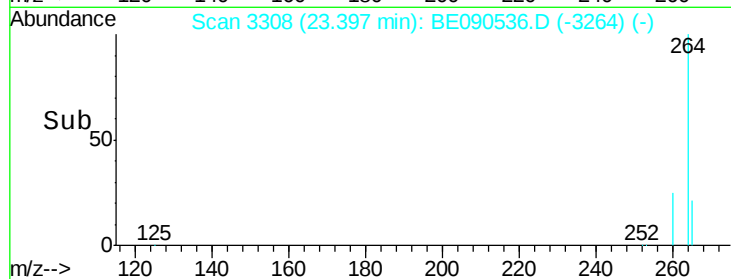
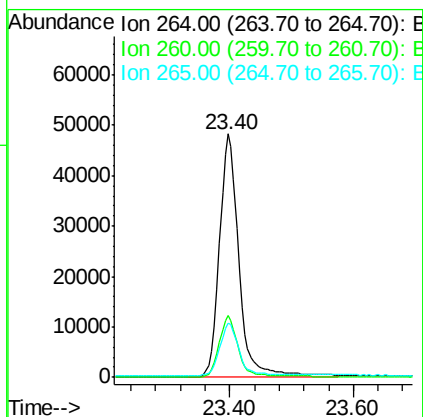
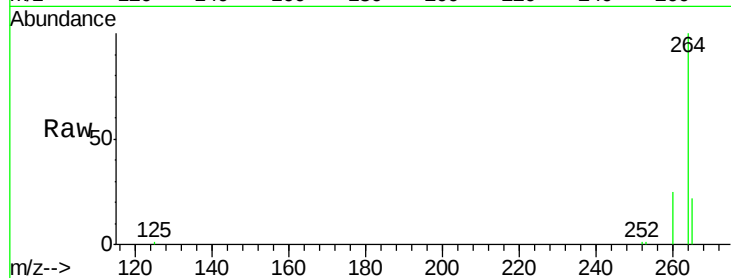




#32
Pervlene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. 0.00 min
Lab File: BE090536.D
Acq: 17 Aug 2015 16:59

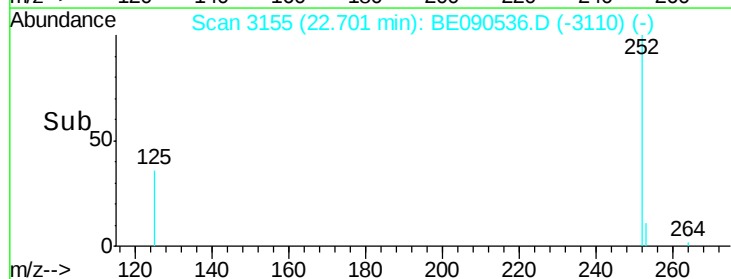
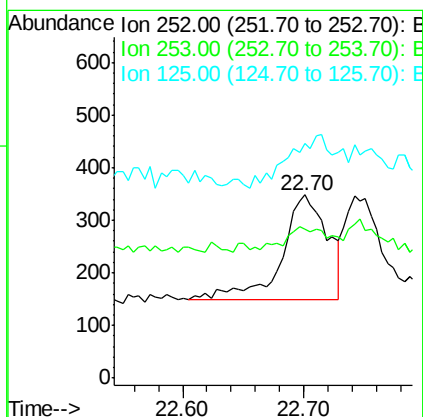
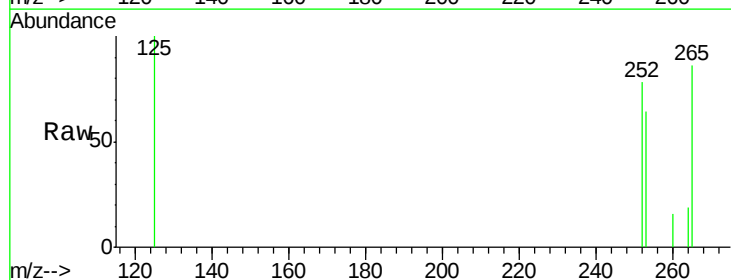
Instrument :
BNA_E
ClientSampleId :

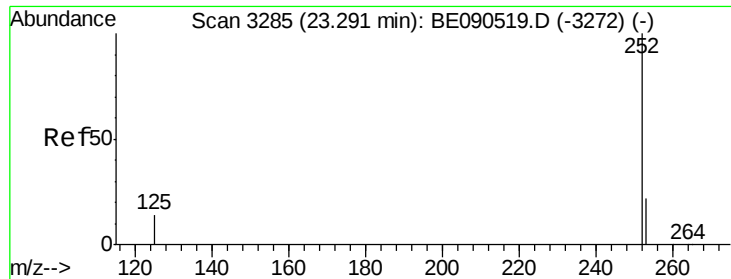
Tot Ion:264 Resp: 105372
Ion Ratio Lower Upper
264 100
260 25.4 20.1 30.1
265 22.1 17.2 25.8



#33
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 22.70 min Scan# 3155
Delta R.T. 0.01 min
Lab File: BE090536.D
Acq: 17 Aug 2015 16:59

Tgt Ion:252 Resp: 527
Ion Ratio Lower Upper
252 100
253 81.6 18.1 27.1#
125 128.2 9.4 14.2#





#35

Benzo(a)pyrene

Concen: 0.02 ng

RT: 23.29 min Scan# 3285

Delta R.T. 0.00 min

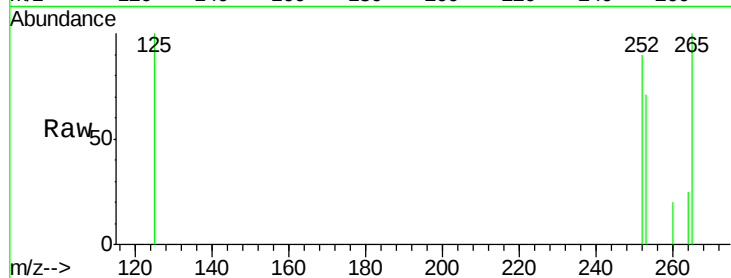
Lab File: BE090536.D

Acq: 17 Aug 2015 16:59

Instrument :

BNA_E

ClientSampled :



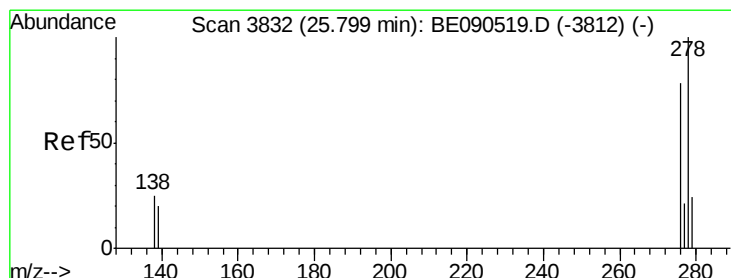
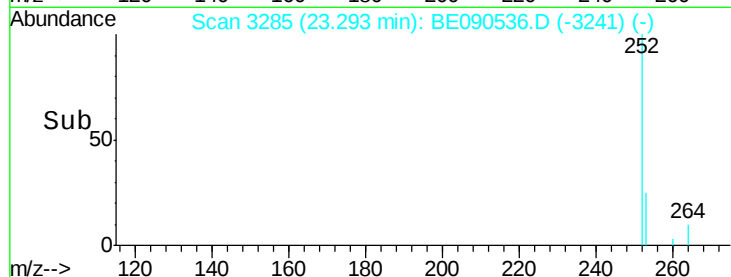
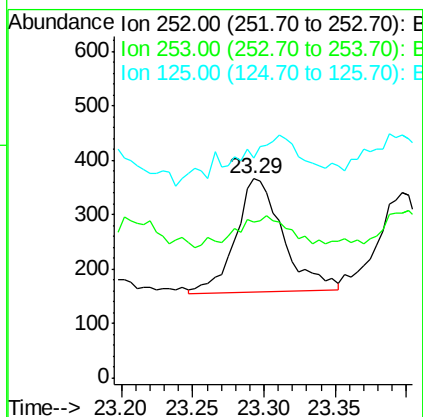
Tot Ion:252 Resp: 483

Ion Ratio Lower Upper

252 100

253 78.4 17.6 26.4#

125 110.7 9.8 14.6#



#36

Dibenzo(a,h)anthracene

Concen: 0.04 ng

RT: 25.81 min Scan# 3834

Delta R.T. 0.01 min

Lab File: BE090536.D

Acq: 17 Aug 2015 16:59

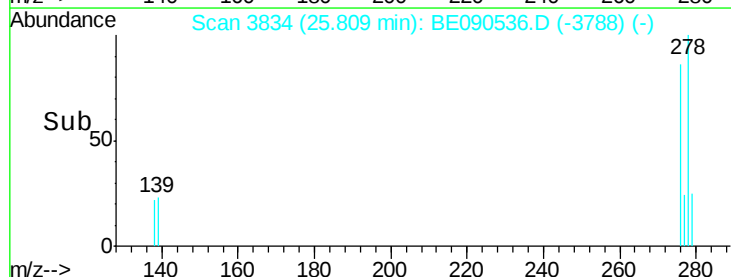
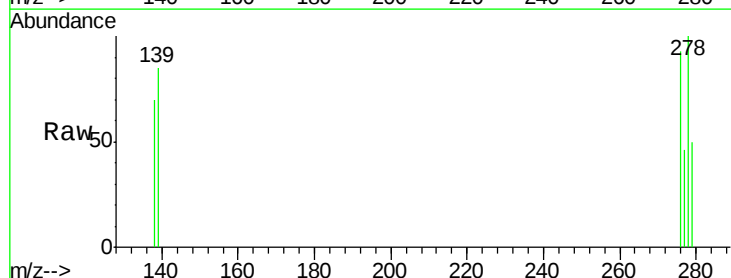
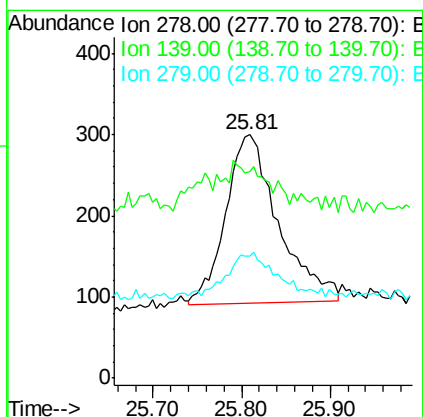
Tgt Ion:278 Resp: 864

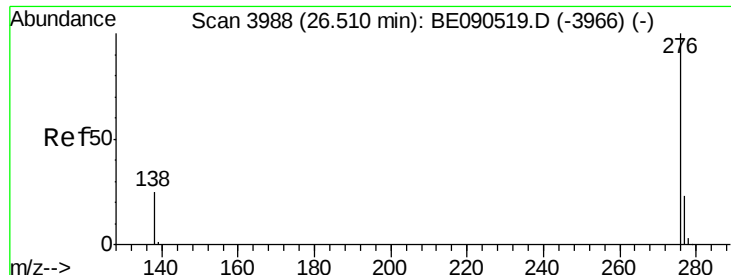
Ion Ratio Lower Upper

278 100

139 85.0 14.2 21.4#

279 50.0 20.1 30.1#





#37

Benzo(a,h,i)perylene

Concen: 0.03 ng

RT: 26.52 min Scan# 3990

Delta R.T. 0.01 min

Lab File: BE090536.D

Acq: 17 Aug 2015 16:59

Instrument :

BNA_E

ClientSampleId :

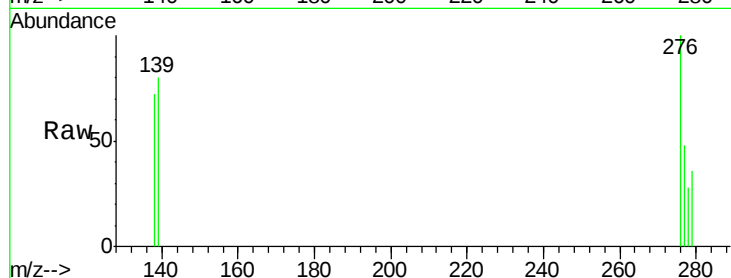
Tot Ion: 276 Resp: 766

Ion Ratio Lower Upper

276 100

277 48.0 20.1 30.1#

138 71.8 18.1 27.1#



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

