

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041816\
 Data File : BE091670.D
 Acq On : 18 Apr 2016 19:09
 Operator : UM/SJ
 Sample : PB89886BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB89886BL

Quant Time: Apr 19 05:10:43 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 18 17:20:40 2016
 Response via : Initial Calibration

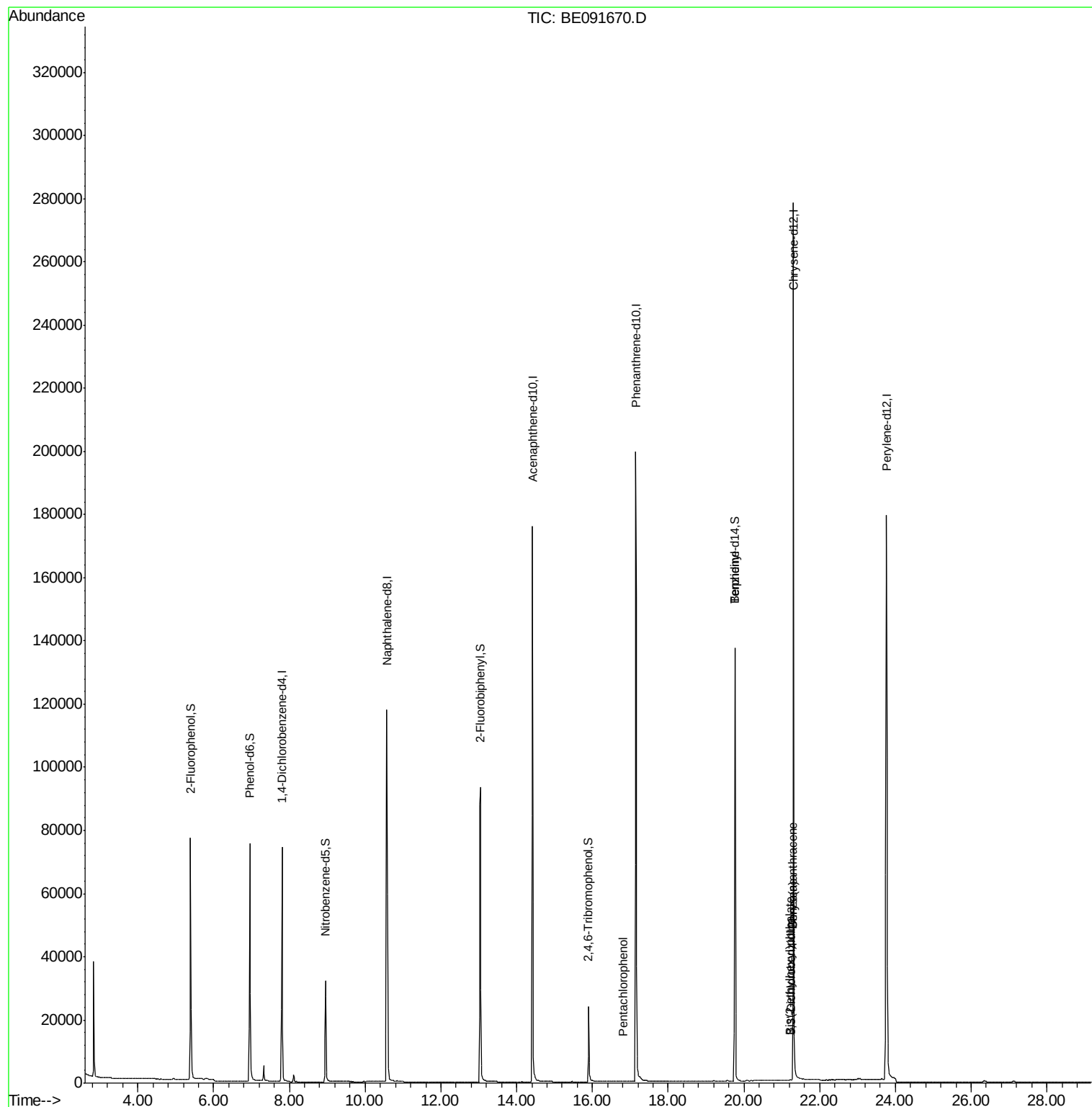
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	36861	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	180135	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	108920	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	279129	5.00	ng	0.00
26) Chrysene-d12	21.31	240	332421	5.00	ng	0.00
35) Perylene-d12	23.76	264	276455	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	58234	7.26	ng	-0.02
5) Phenol-d6	6.95	99	82301	7.61	ng	-0.02
8) Nitrobenzene-d5	8.95	82	32802	3.55	ng	-0.01
14) 2,4,6-Tribromophenol	15.90	330	20509	6.54	ng	-0.01
15) 2-Fluorobiphenyl	13.05	172	107890	3.55	ng	0.00
29) Terphenyl-d14	19.76	244	167055	3.69	ng	0.00
Target Compounds						Qvalue
22) Pentachlorophenol	16.81	266	138	0.22	ng	85
27) Benzidine	19.76	184	2553	0.16	ng	93
30) Benzo(a)anthracene	21.29	228	2271	0.03	ng	# 87
31) 3,3'-Dichlorobenzidine	21.24	252	270	0.16	ng	# 73
32) Chrysene	21.29	228	2290	0.03	ng	# 92
33) Bis(2-ethylhexyl)phthalate	21.22	149	361	0.22	ng	# 81

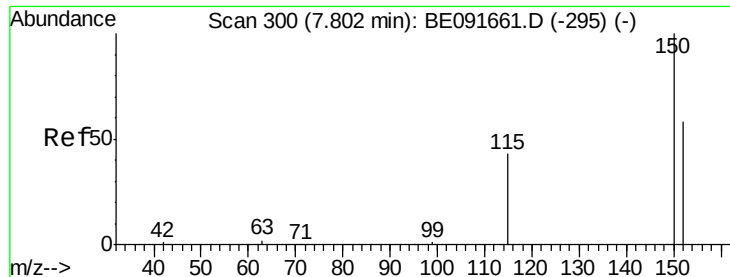
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE041816\
Data File : BE091670.D
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ALS Vial : 3 Sample Multiplier: 1

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Quant Time: Apr 19 05:10:43 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041816.M
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QLast Update : Mon Apr 18 17:20:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. 0.00 min

Lab File: BE091670.D

Acq: 18 Apr 2016 19:09

Instrument :

BNA_E

ClientSampleId :

PB89886BL

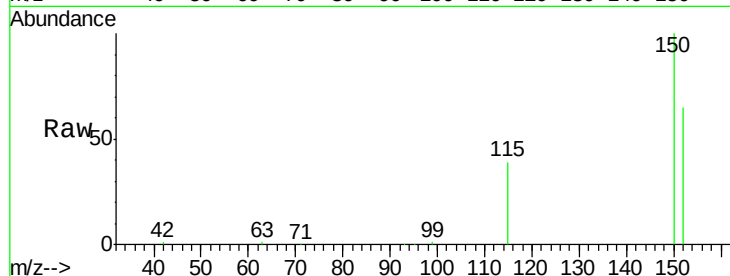
Tgt Ion:152 Resp: 36861

Ion Ratio Lower Upper

152 100

150 154.4 122.6 183.8

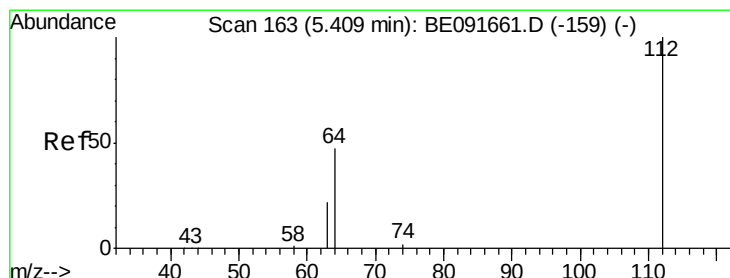
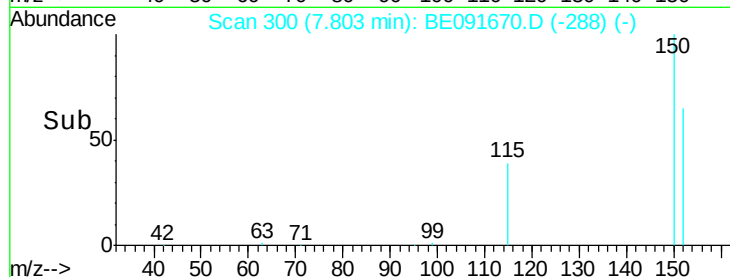
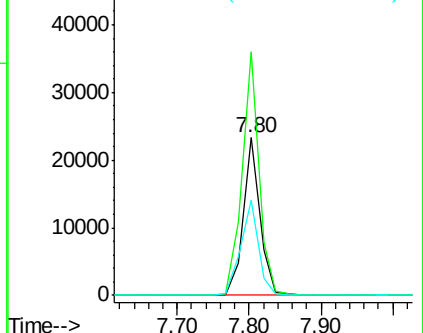
115 60.2 52.8 79.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol

Concen: 7.26 ng

RT: 5.39 min Scan# 162

Delta R.T. -0.02 min

Lab File: BE091670.D

Acq: 18 Apr 2016 19:09

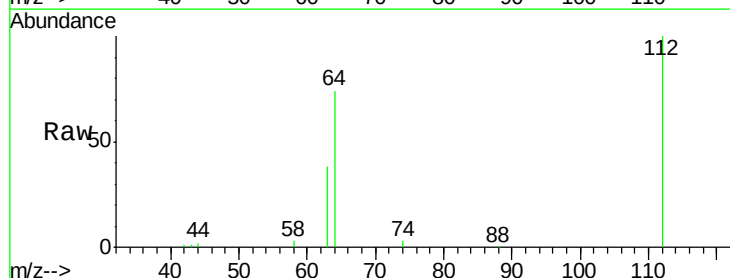
Tgt Ion:112 Resp: 58234

Ion Ratio Lower Upper

112 100

64 69.1 30.9 46.3#

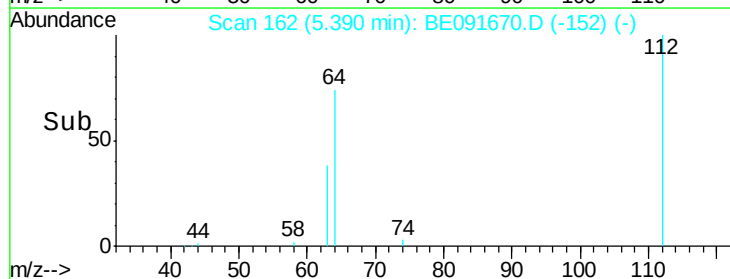
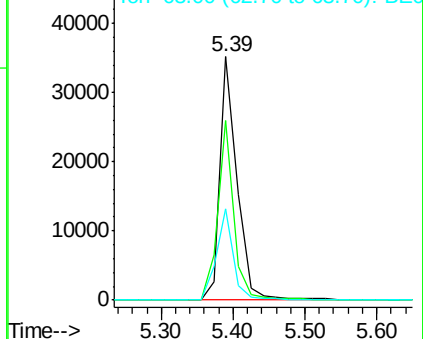
63 37.3 16.7 25.1#

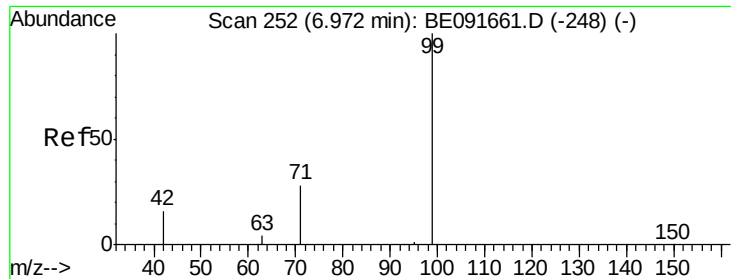


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.61 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.02 min

Lab File: BE091670.D

Acq: 18 Apr 2016 19:09

Instrument :

BNA_E

ClientSampleId :

PB89886BL

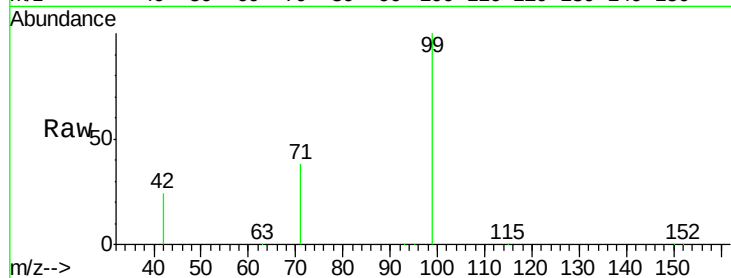
Tgt Ion: 99 Resp: 82301

Ion Ratio Lower Upper

99 100

42 25.3 16.2 24.2#

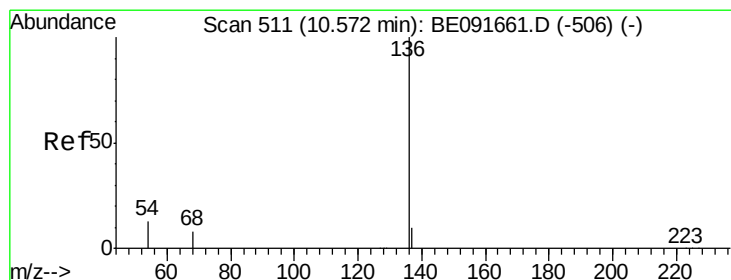
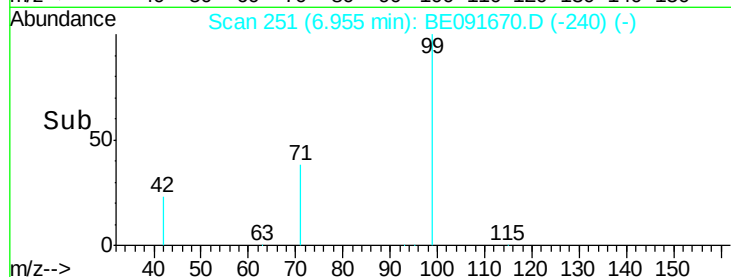
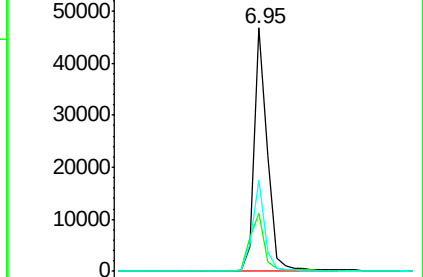
71 35.7 29.0 43.4



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



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE091670.D

Acq: 18 Apr 2016 19:09

Tgt Ion: 136 Resp: 180135

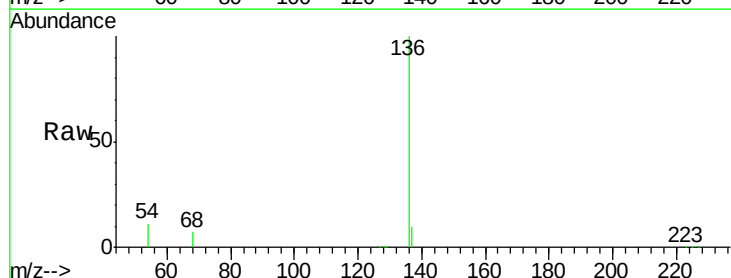
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 10.6 8.2 12.4

68 7.1 6.2 9.4

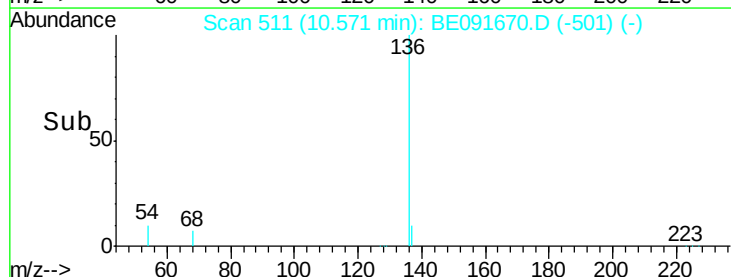
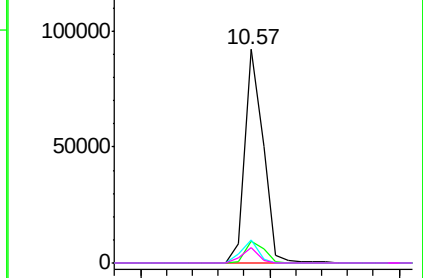


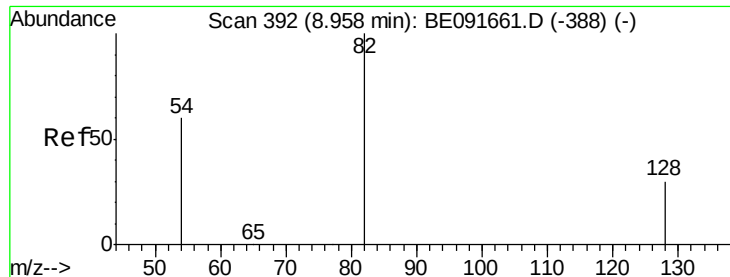
Abundance Ion 136.00 (135.70 to 136.70): BE0

Ion 137.00 (136.70 to 137.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0

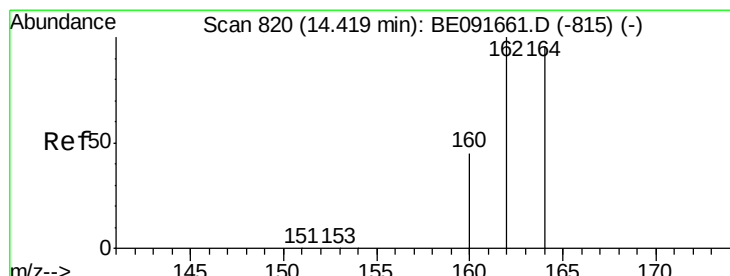
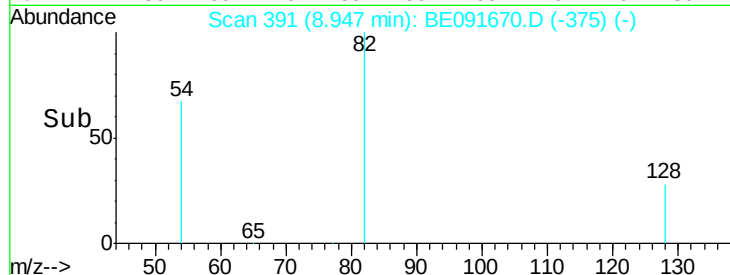
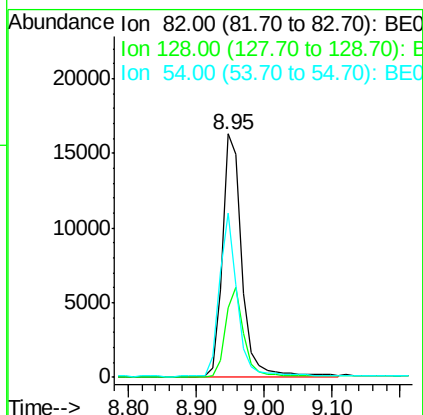
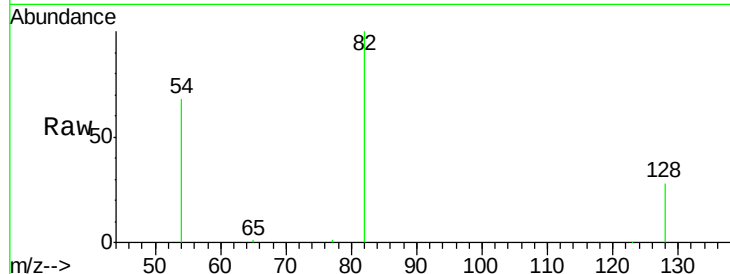




#8
 Nitrobenzene-d5
 Concen: 3.55 ng
 RT: 8.95 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: BE091670.D
 Acq: 18 Apr 2016 19:09

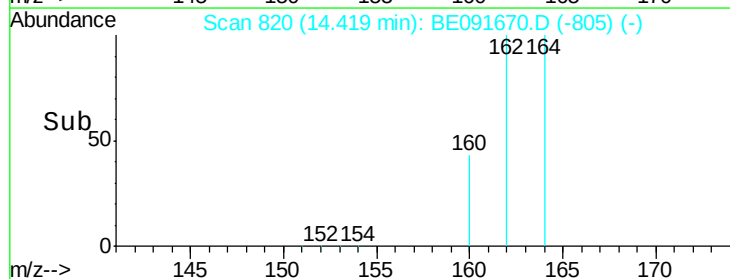
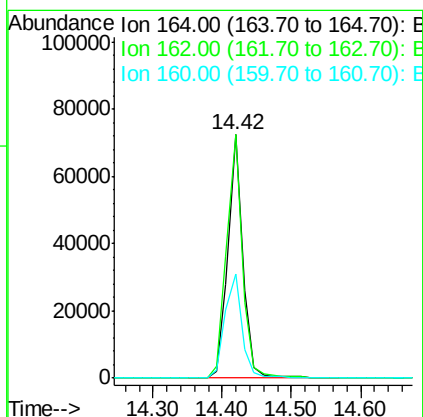
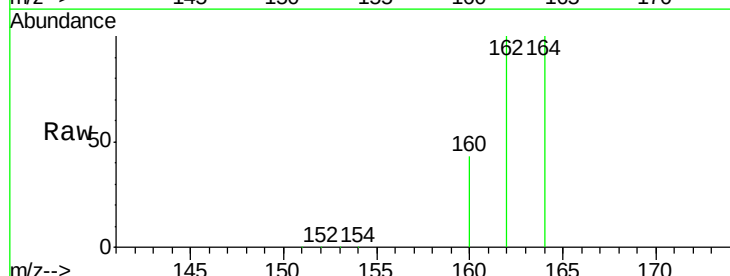
Instrument :
 BNA_E
 ClientSampleId :
 PB89886BL

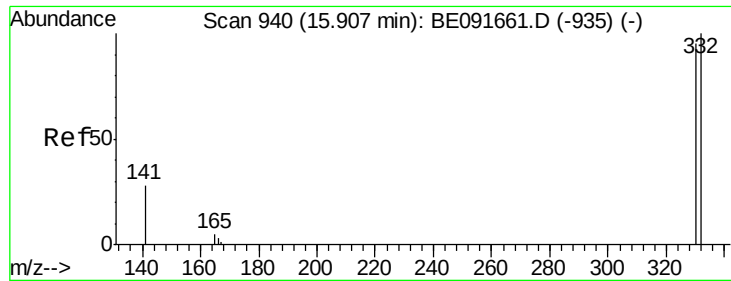
Tgt Ion: 82 Resp: 32802
 Ion Ratio Lower Upper
 82 100
 128 28.4 25.4 38.0
 54 67.6 48.4 72.6



#13
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.42 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BE091670.D
 Acq: 18 Apr 2016 19:09

Tgt Ion: 164 Resp: 108920
 Ion Ratio Lower Upper
 164 100
 162 100.2 85.3 127.9
 160 43.1 46.2 69.2

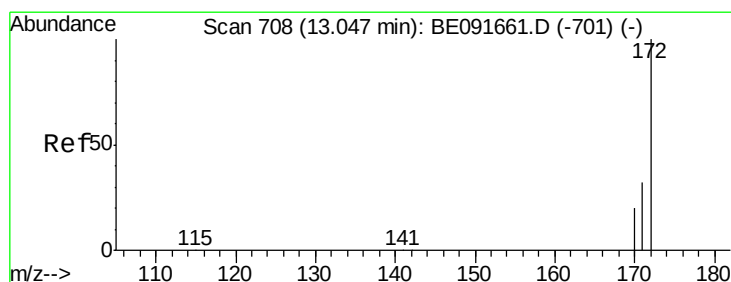
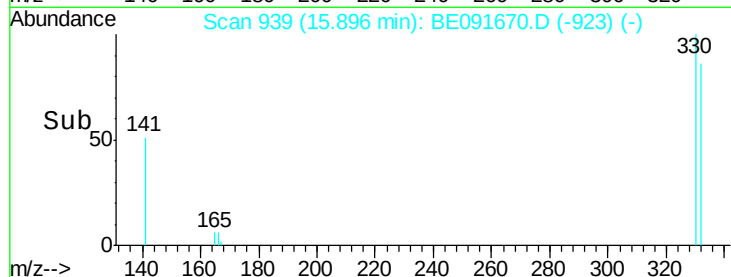
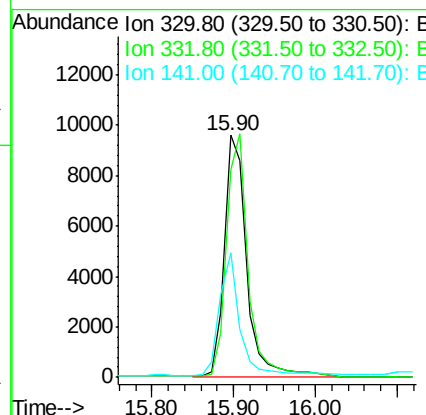
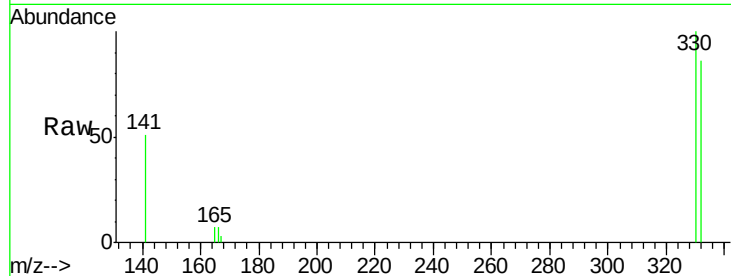




#14
 2,4,6-Tribromophenol
 Concen: 6.54 ng
 RT: 15.90 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BE091670.D
 Acq: 18 Apr 2016 19:09

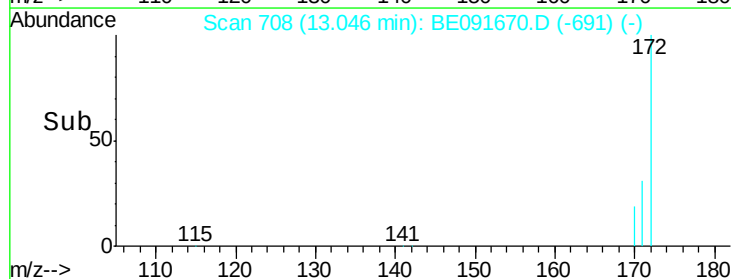
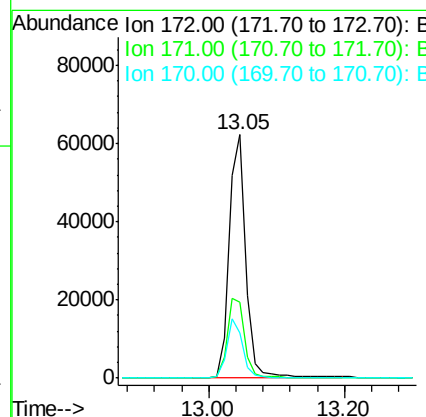
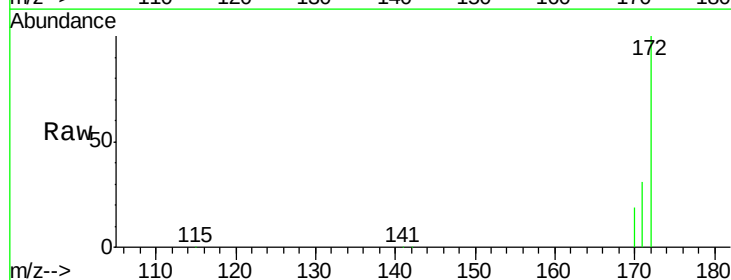
Instrument :
 BNA_E
 ClientSampleId :
 PB89886BL

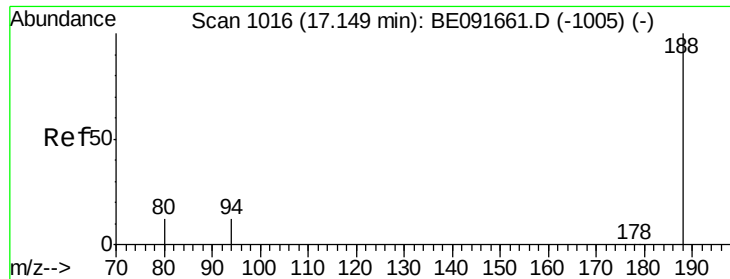
Tgt Ion:330 Resp: 20509
 Ion Ratio Lower Upper
 330 100
 332 98.0 79.1 118.7
 141 45.3 125.4 188.0#



#15
 2-Fluorobiphenyl
 Concen: 3.55 ng
 RT: 13.05 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BE091670.D
 Acq: 18 Apr 2016 19:09

Tgt Ion:172 Resp: 107890
 Ion Ratio Lower Upper
 172 100
 171 31.0 28.8 43.2
 170 18.7 19.3 28.9#

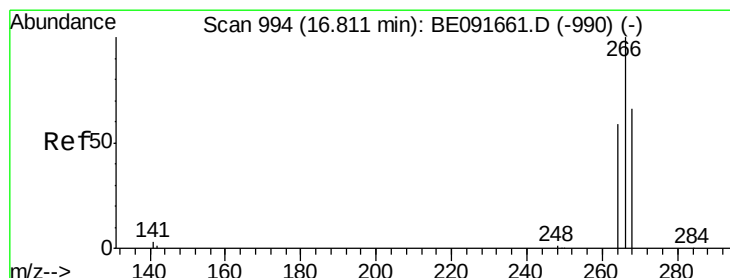
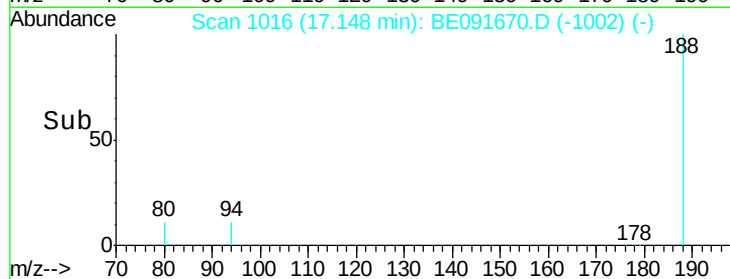
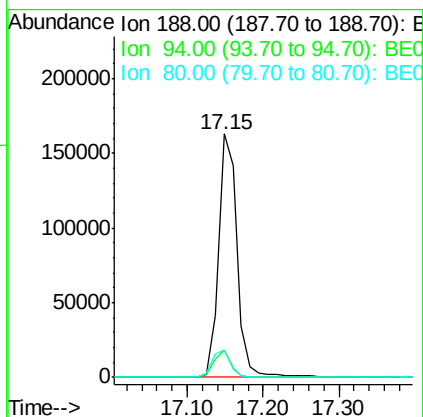
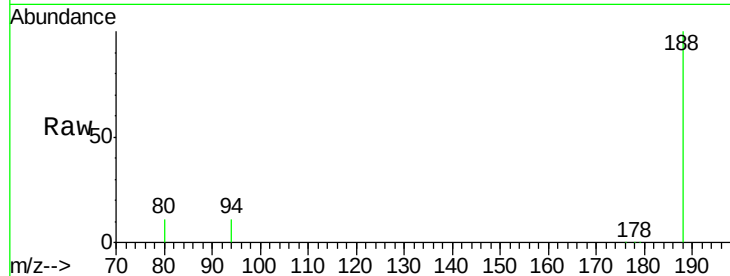




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091670.D
Acq: 18 Apr 2016 19:09

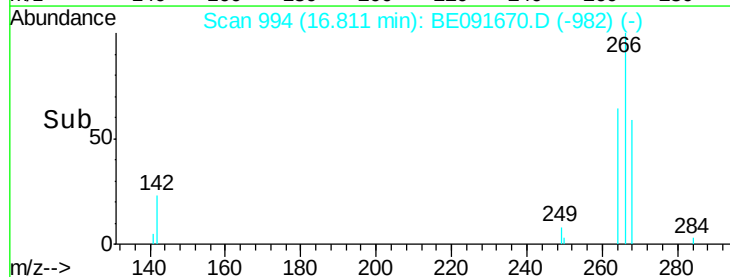
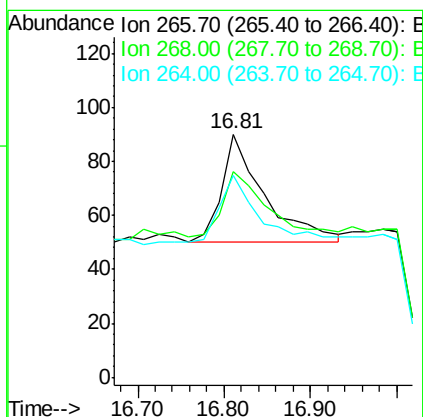
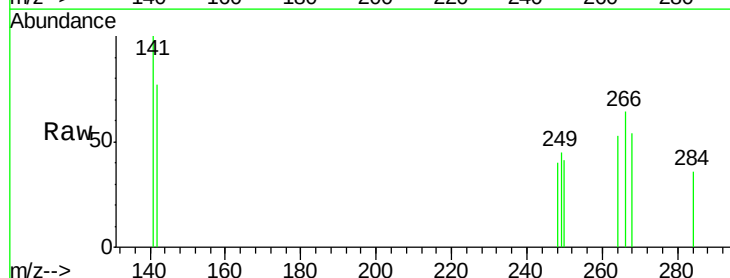
Instrument :
BNA_E
ClientSampled :
PB89886BL

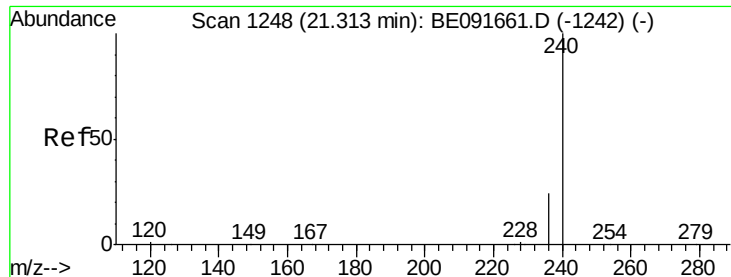
Tgt Ion:188 Resp: 279129
Ion Ratio Lower Upper
188 100
94 11.2 8.7 13.1
80 11.2 9.4 14.0



#22
Pentachlorophenol
Concen: 0.22 ng
RT: 16.81 min Scan# 994
Delta R.T. 0.00 min
Lab File: BE091670.D
Acq: 18 Apr 2016 19:09

Tgt Ion:266 Resp: 138
Ion Ratio Lower Upper
266 100
268 84.4 58.2 87.2
264 83.3 56.2 84.4

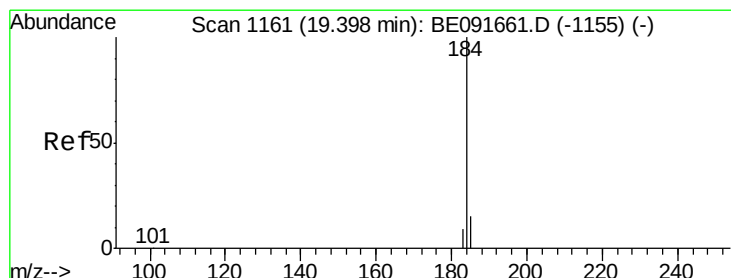
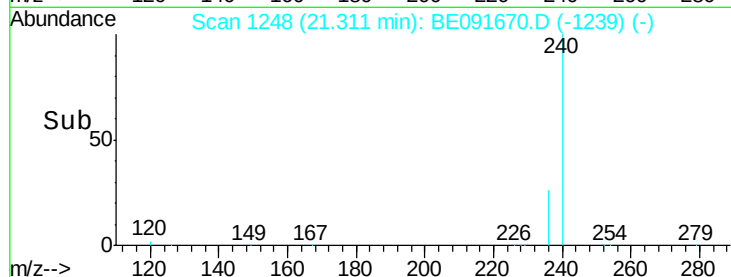
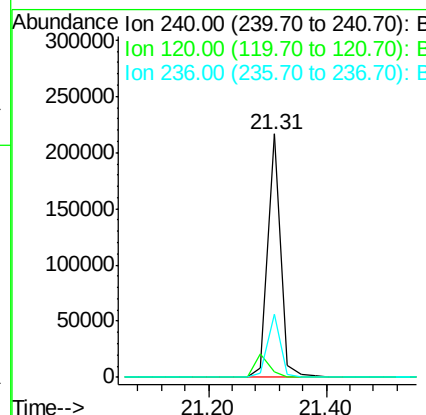
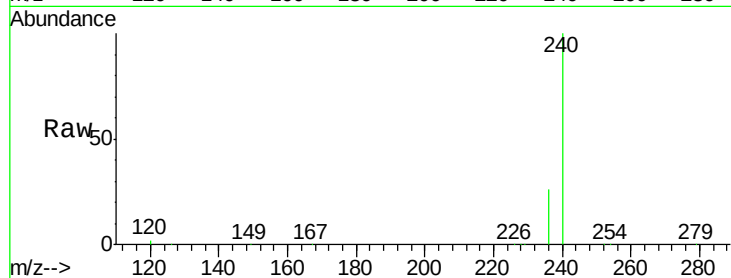




#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE091670.D
Acq: 18 Apr 2016 19:09

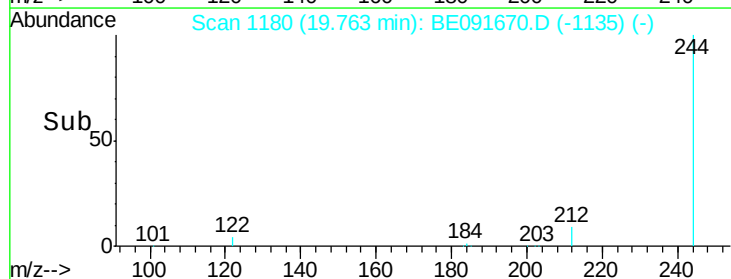
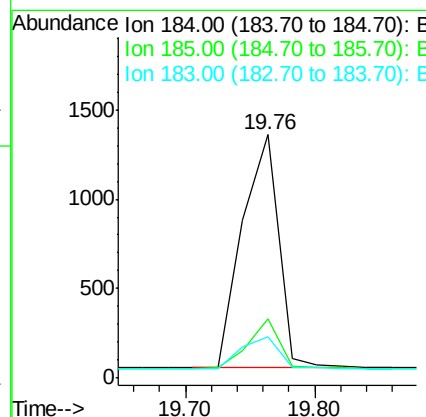
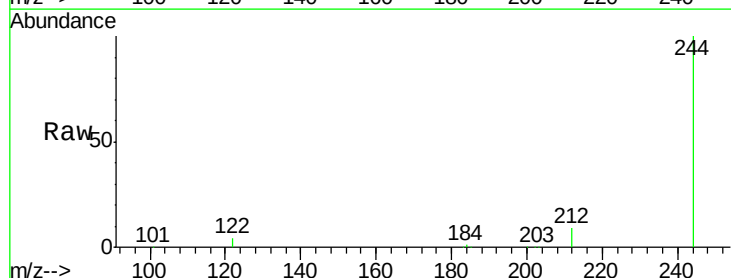
Instrument :
BNA_E
ClientSampleId :
PB89886BL

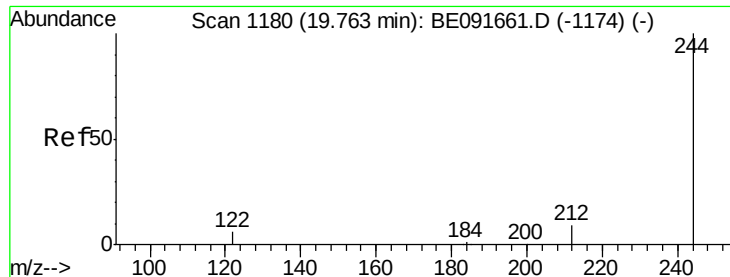
Tgt Ion:240 Resp: 332421
Ion Ratio Lower Upper
240 100
120 2.1 11.0 16.4#
236 25.9 21.7 32.5



#27
Benzidine
Concen: 0.16 ng
RT: 19.76 min Scan# 1180
Delta R.T. 0.37 min
Lab File: BE091670.D
Acq: 18 Apr 2016 19:09

Tgt Ion:184 Resp: 2553
Ion Ratio Lower Upper
184 100
185 24.4 22.3 33.5
183 17.2 16.4 24.6





#29

Terphenyl-d14

Concen: 3.69 ng

RT: 19.76 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BE091670.D

Acq: 18 Apr 2016 19:09

Instrument :

BNA_E

ClientSampleId :

PB89886BL

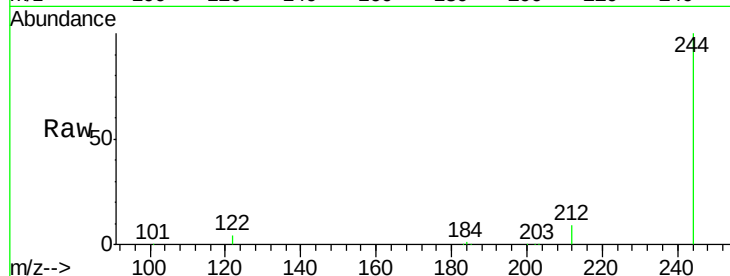
Tgt Ion:244 Resp: 167055

Ion Ratio Lower Upper

244 100

212 8.8 6.9 10.3

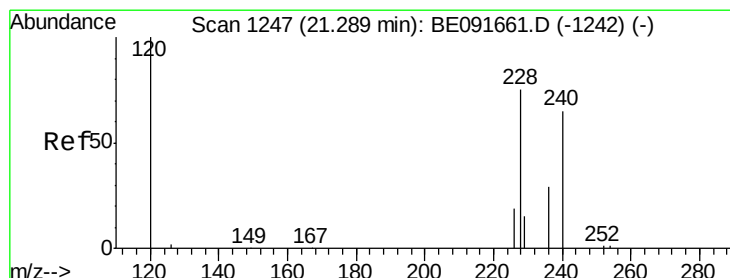
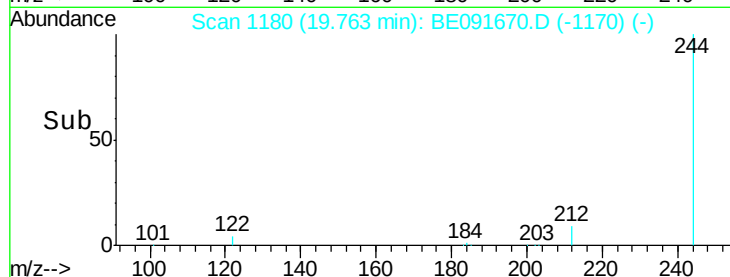
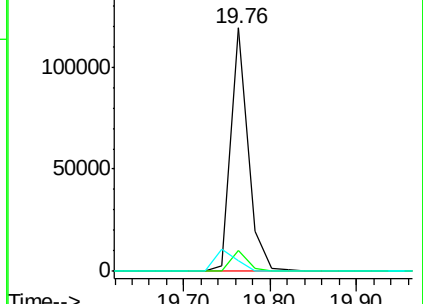
122 4.5 11.0 16.4#



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



#30

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BE091670.D

Acq: 18 Apr 2016 19:09

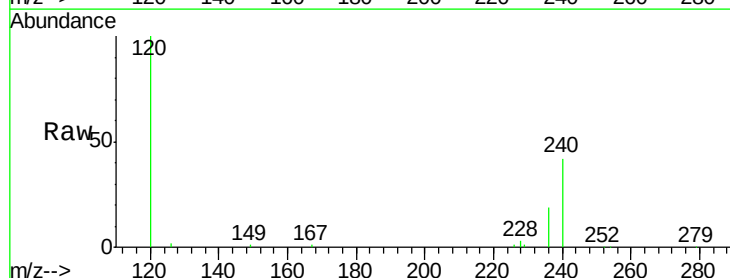
Tgt Ion:228 Resp: 2271

Ion Ratio Lower Upper

228 100

226 31.4 21.0 31.4

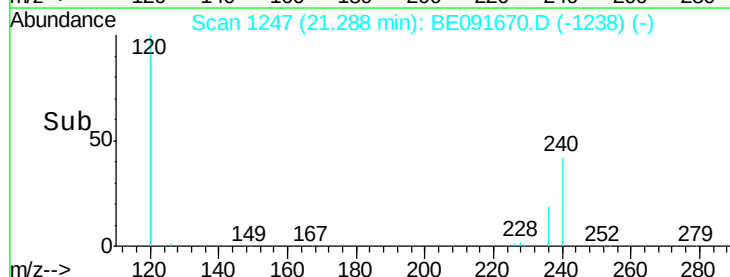
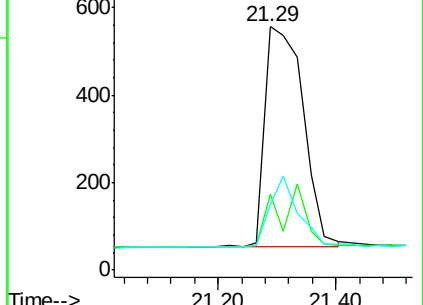
229 26.8 15.7 23.5#

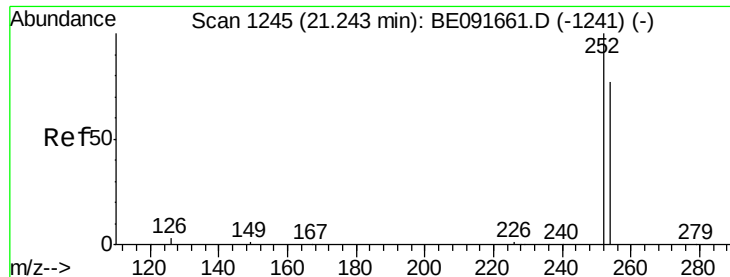


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

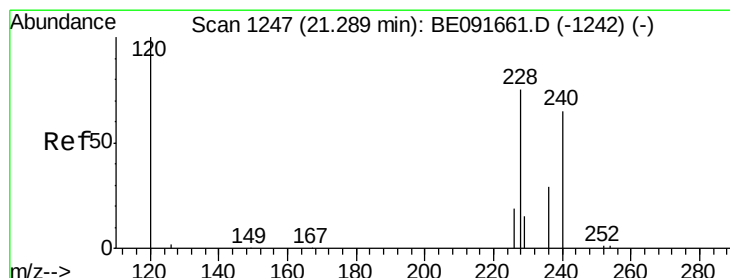
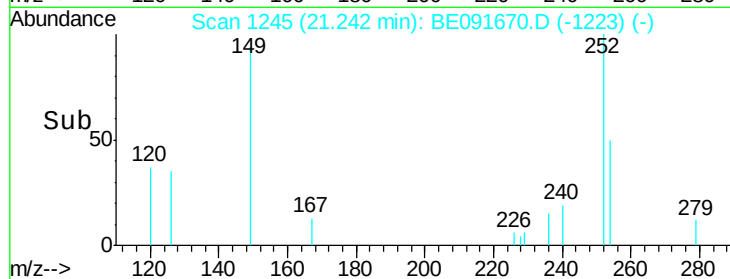
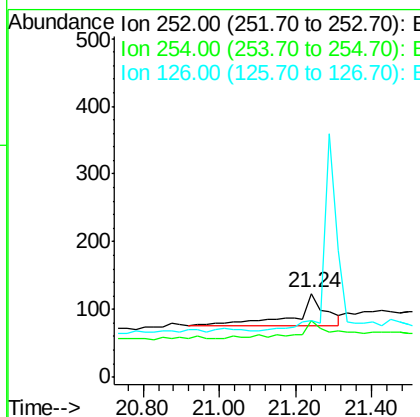
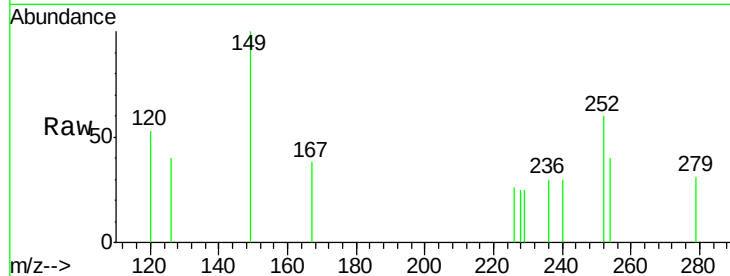




#31
 3,3'-Dichlorobenzidine
 Concen: 0.16 ng
 RT: 21.24 min Scan# 1245
 Delta R.T. -0.00 min
 Lab File: BE091670.D
 Acq: 18 Apr 2016 19:09

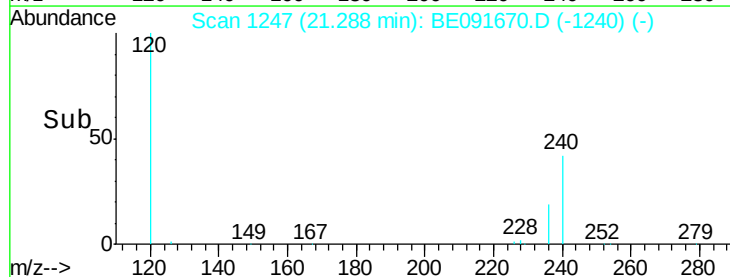
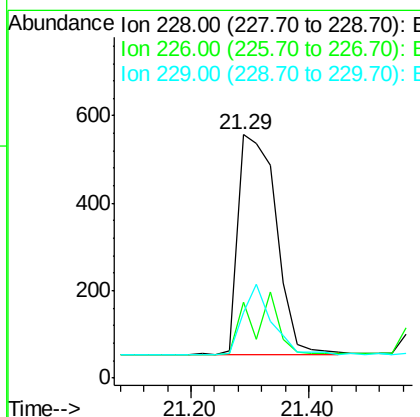
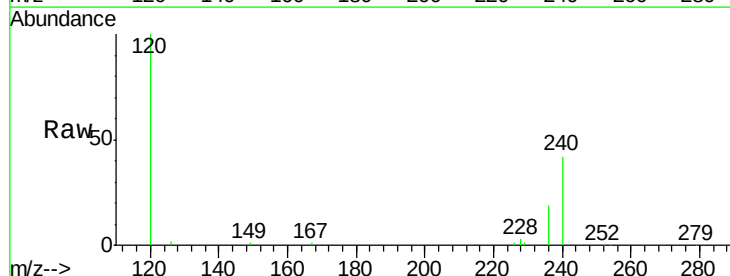
Instrument :
 BNA_E
 ClientSampleId :
 PB89886BL

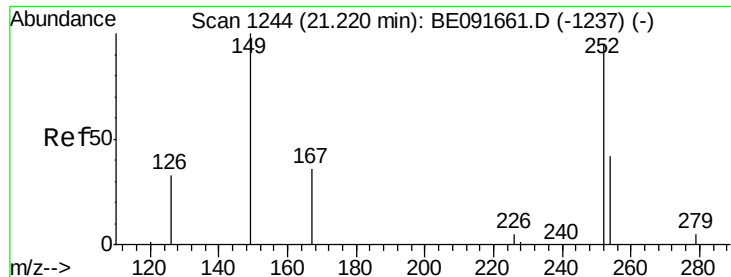
Tgt Ion: 252 Resp: 270
 Ion Ratio Lower Upper
 252 100
 254 66.9 51.1 76.7
 126 66.9 12.6 18.8#



#32
 Chrysene
 Concen: 0.03 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BE091670.D
 Acq: 18 Apr 2016 19:09

Tgt Ion: 228 Resp: 2290
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.0 36.0
 229 26.8 15.9 23.9#

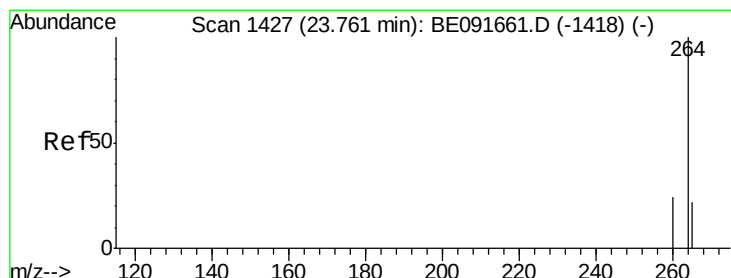
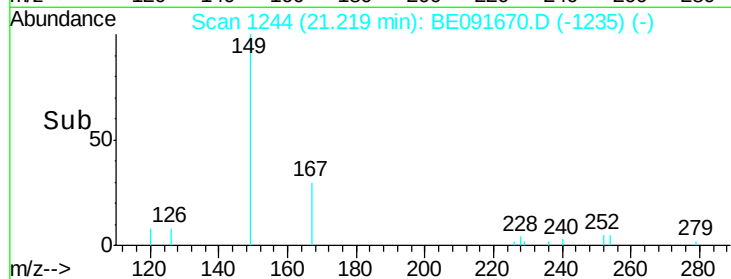
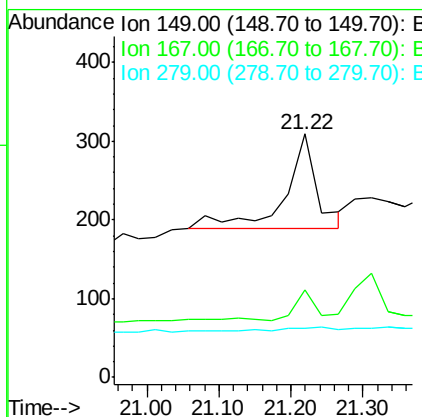
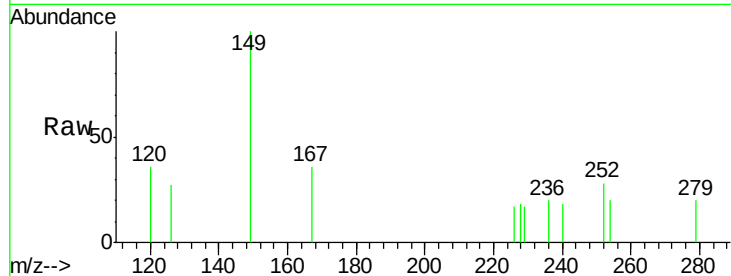




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.22 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BE091670.D
 Acq: 18 Apr 2016 19:09

Instrument :
 BNA_E
 ClientSampleId :
 PB89886BL

Tgt Ion:149 Resp: 361
 Ion Ratio Lower Upper
 149 100
 167 18.0 19.5 29.3#
 279 0.0 10.0 15.0#



#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.76 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BE091670.D
 Acq: 18 Apr 2016 19:09

Tgt Ion:264 Resp: 276455
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.0 30.0
 265 22.6 17.5 26.3

