

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092315\
 Data File : BE090954.D
 Acq On : 23 Sep 2015 18:10
 Operator : UM/IZ
 Sample : G3746-03RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091715-D549-F-D-BRE

Quant Time: Sep 24 01:14:20 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE091815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 18:17:34 2015
 Response via : Initial Calibration

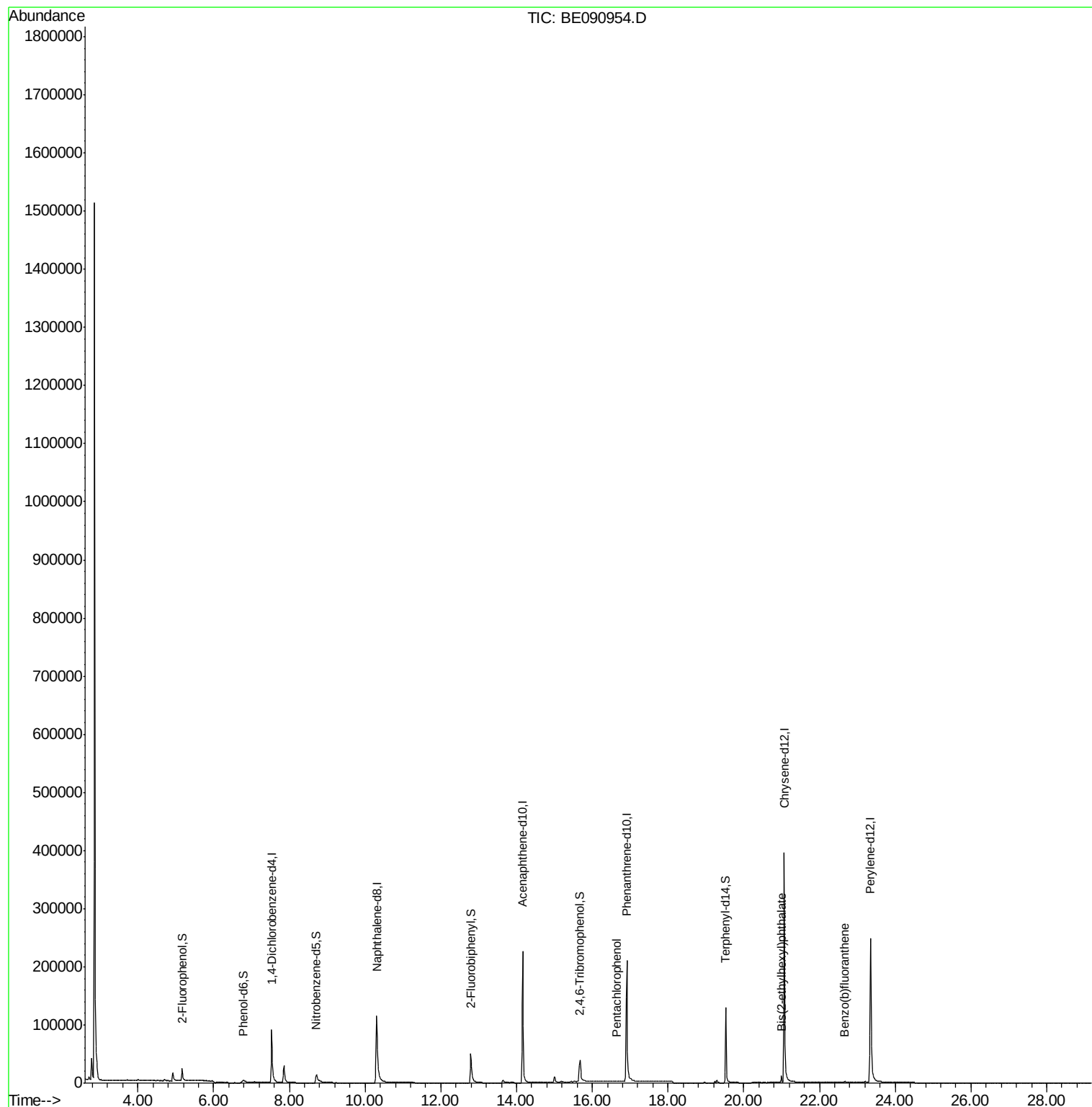
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	60511	5.00	ng	-0.01
7) Naphthalene-d8	10.30	136	271315	5.00	ng	0.00
13) Acenaphthene-d10	14.16	164	160520	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	366989	5.00	ng	0.00
26) Chrysene-d12	21.07	240	448672	5.00	ng	0.00
33) Perylene-d12	23.35	264	405985	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.17	112	22580	1.63	ng	-0.01
5) Phenol-d6	6.79	99	14344	0.76	ng	0.03
8) Nitrobenzene-d5	8.71	82	33853	1.81	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	24929	4.40	ng	-0.02
15) 2-Fluorobiphenyl	12.79	172	88600	1.95	ng	0.00
28) Terphenyl-d14	19.52	244	165258	3.23	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.49	42	10	Below Cal	#	83
6) bis(2-Chloroethyl)ether	6.97	93	9	Below Cal	#	1
10) Naphthalene	10.35	128	269	Below Cal	#	26
11) Hexachlorobutadiene	10.65	225	8	Below Cal	#	59
18) Fluorene	15.22	166	198	Below Cal	#	94
21) Hexachlorobenzene	16.23	284	79	Below Cal	#	1
22) Pentachlorophenol	16.63	266	92	0.19 ng	#	61
23) Phenanthrene	16.94	178	1413	Below Cal	#	81
30) Chrysene	21.10	228	1920	Below Cal	#	92
31) Bis(2-ethylhexyl)phthalate	20.99	149	11115	0.38 ng		100
34) Benzo(b)fluoranthene	22.66	252	2276	0.02 ng	#	55

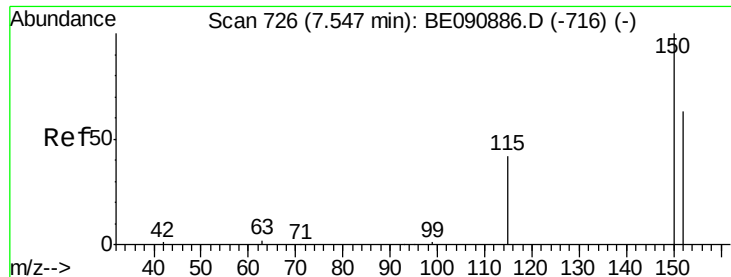
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092315\
Data File : BE090954.D
Acq On : 23 Sep 2015 18:10
Operator : UM/IZ
Sample : G3746-03RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
091715-D549-F-D-BRE

Quant Time: Sep 24 01:14:20 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE091815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 18 18:17:34 2015
Response via : Initial Calibration



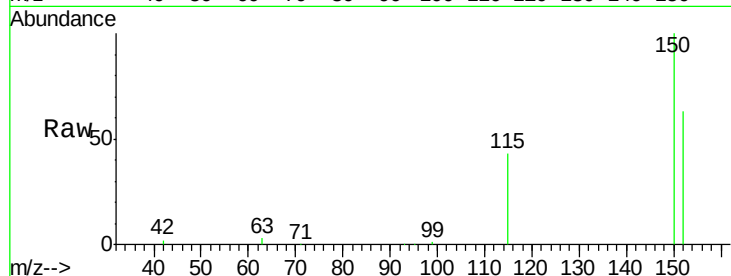


#1

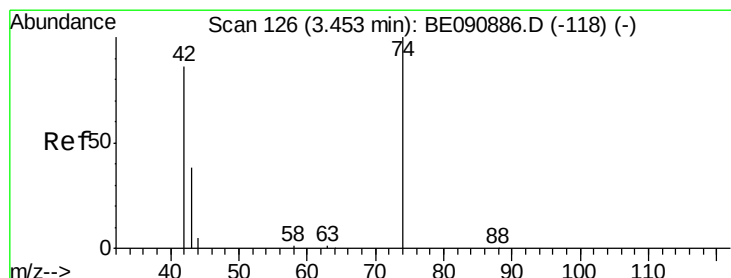
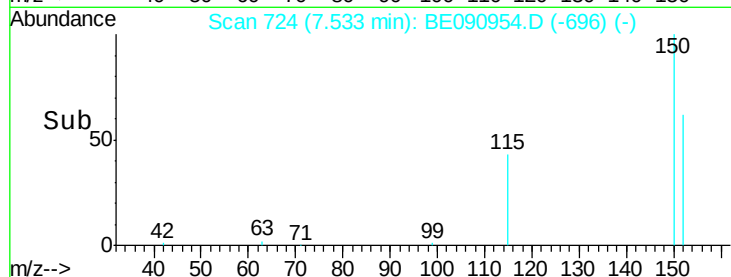
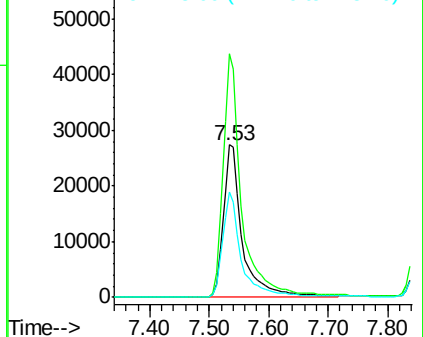
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.53 min Scan# 724
Delta R.T. -0.01 min
Lab File: BE090954.D
Acq: 23 Sep 2015 18:10

Instrument :
BNA_E
ClientSampleId :
091715-D549-F-D-BRE

Tot Ion:152 Resp: 60511
Ion Ratio Lower Upper
152 100
150 159.9 122.2 183.4
115 68.8 51.0 76.4



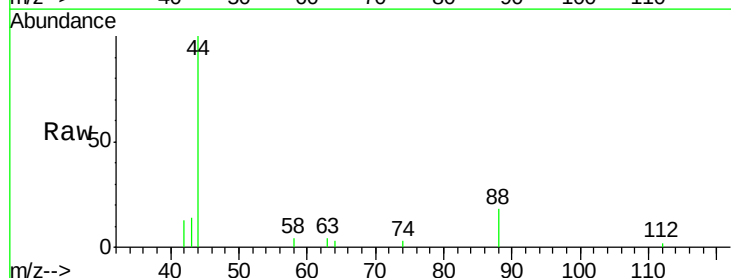
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



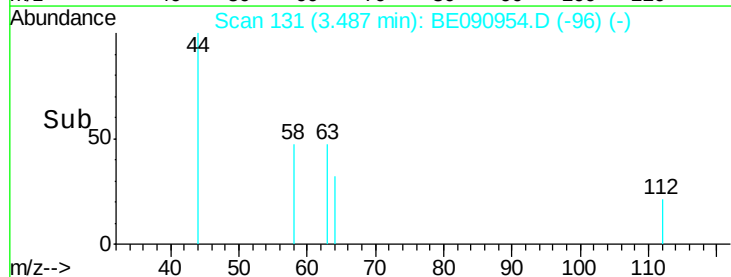
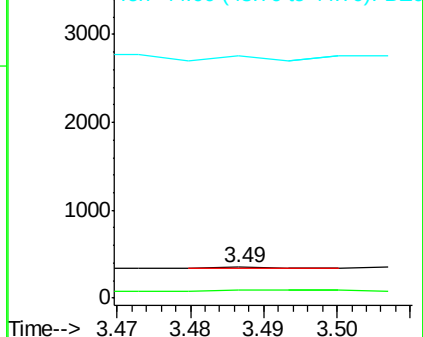
#3

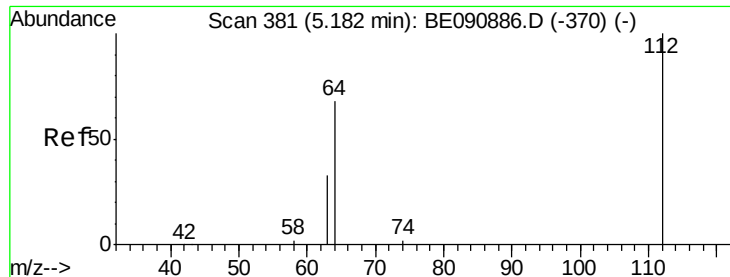
n-Nitrosodimethylamine
Concen: Below Cal
RT: 3.49 min Scan# 131
Delta R.T. 0.03 min
Lab File: BE090954.D
Acq: 23 Sep 2015 18:10

Tgt Ion: 42 Resp: 10
Ion Ratio Lower Upper
42 100
74 120.0 83.7 125.5
44 0.0 10.0 15.0#



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: 1.63 ng

RT: 5.17 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE090954.D

Acq: 23 Sep 2015 18:10

Instrument :

BNA_E

ClientSampleId :

091715-D549-F-D-BRE

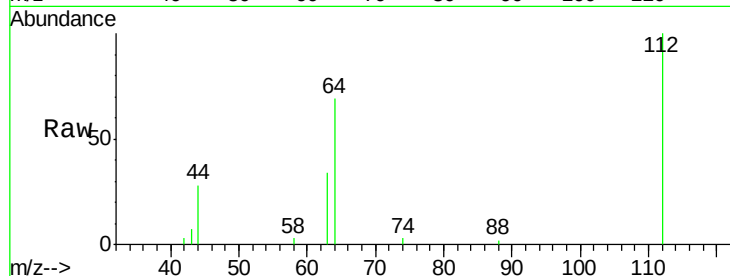
Tot Ion:112 Resp: 22580

Ion Ratio Lower Upper

112 100

64 71.8 57.3 85.9

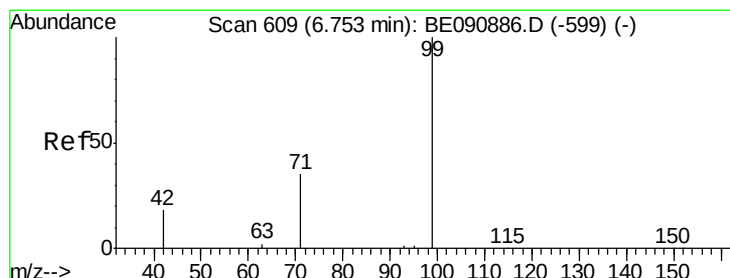
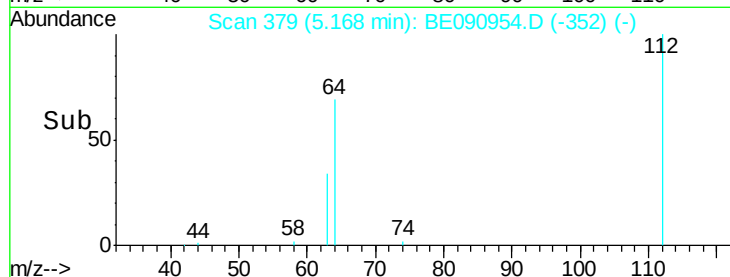
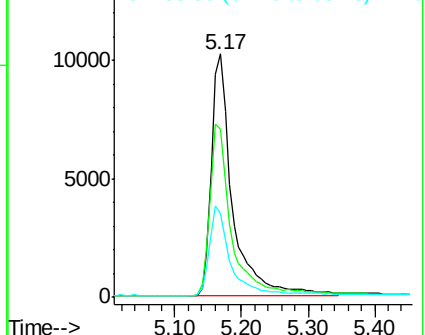
63 37.0 29.2 43.8



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: 0.76 ng

RT: 6.79 min Scan# 614

Delta R.T. 0.03 min

Lab File: BE090954.D

Acq: 23 Sep 2015 18:10

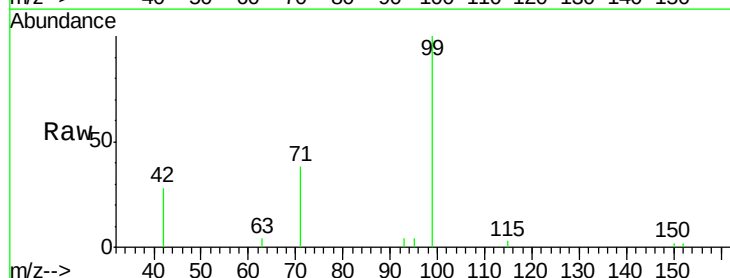
Tgt Ion: 99 Resp: 14344

Ion Ratio Lower Upper

99 100

42 19.0 16.8 25.2

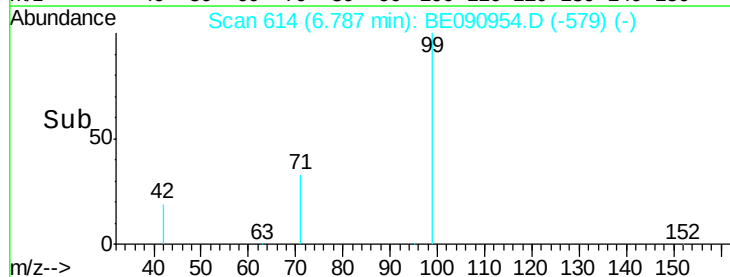
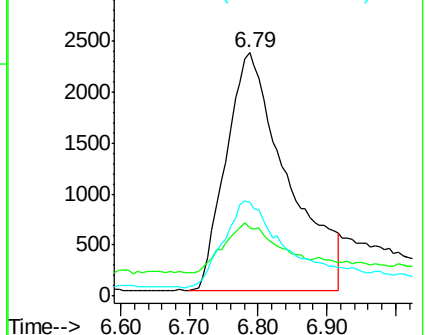
71 37.1 28.3 42.5

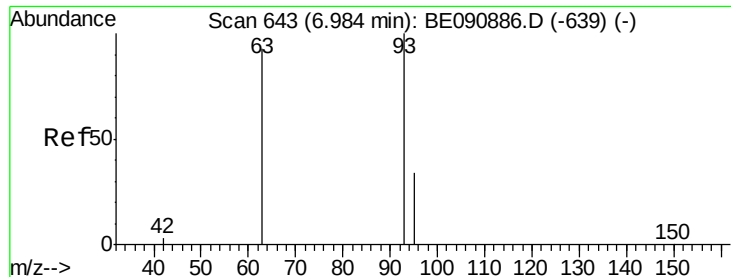


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: Below Cal

RT: 6.97 min Scan# 641

Delta R.T. -0.01 min

Lab File: BE090954.D

Acq: 23 Sep 2015 18:10

Instrument :

BNA_E

ClientSampleId :

091715-D549-F-D-BRE

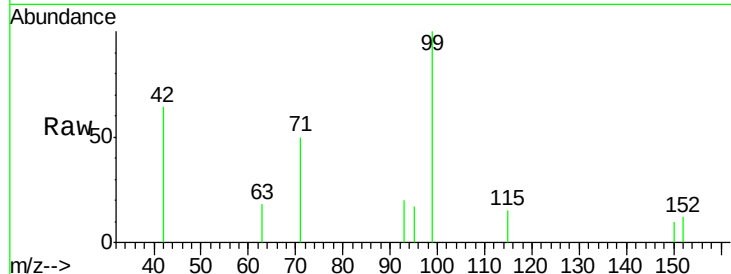
Tot Ion: 93 Resp: 9

Ion Ratio Lower Upper

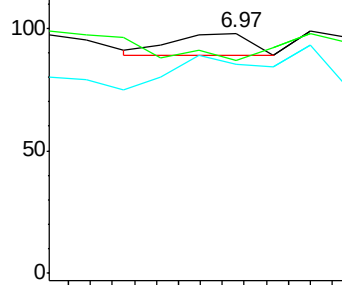
93 100

63 0.0 68.5 102.7#

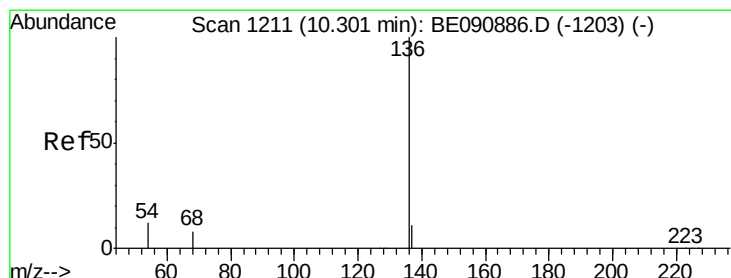
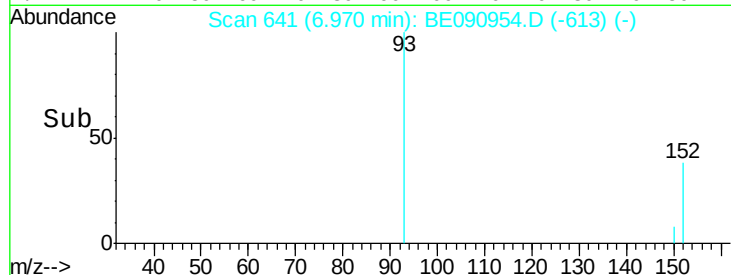
95 311.1 26.9 40.3#



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.30 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BE090954.D

Acq: 23 Sep 2015 18:10

Tgt Ion: 136 Resp: 271315

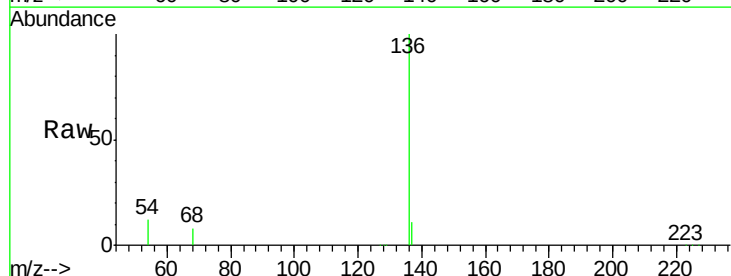
Ion Ratio Lower Upper

136 100

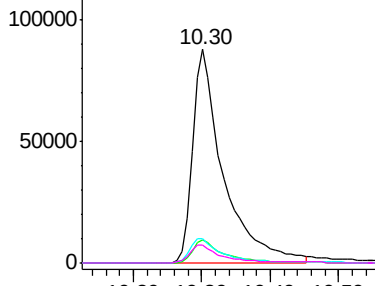
137 11.0 8.7 13.1

54 11.6 9.0 13.6

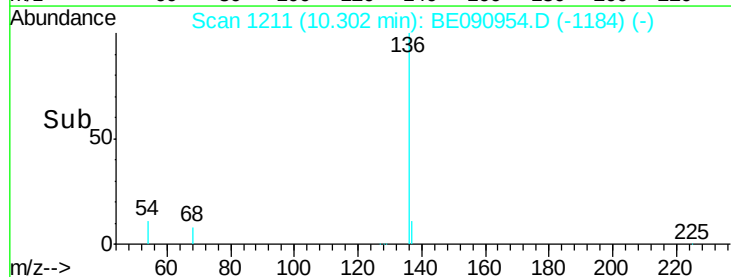
68 8.3 6.3 9.5

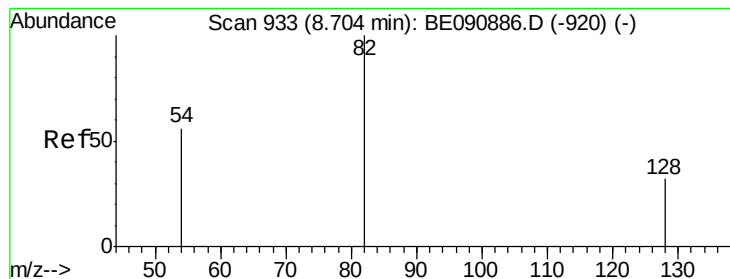


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 1.81 ng

RT: 8.71 min Scan# 934

Delta R.T. 0.00 min

Lab File: BE090954.D

Acq: 23 Sep 2015 18:10

Instrument :

BNA_E

ClientSampleId :

091715-D549-F-D-BRE

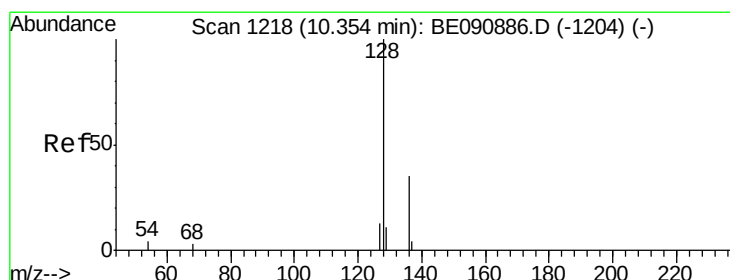
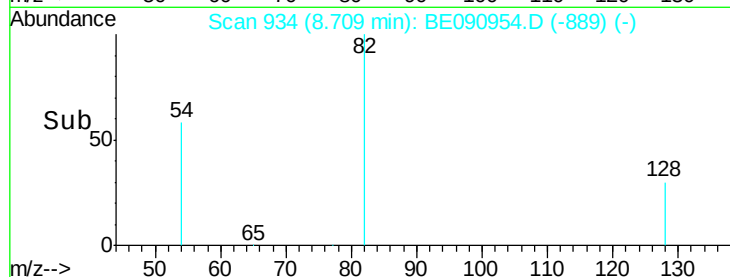
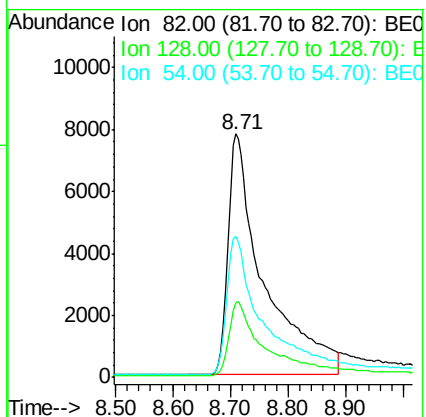
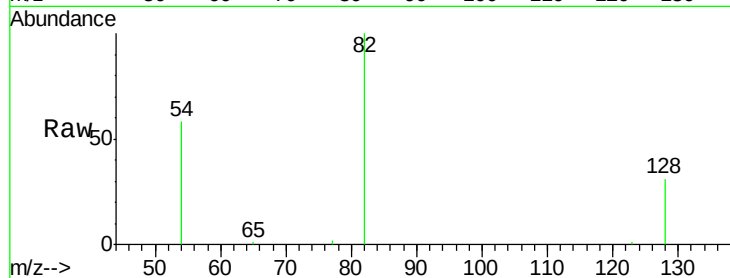
Tot Ion: 82 Resp: 33853

Ion Ratio Lower Upper

82 100

128 30.8 25.0 37.4

54 58.1 46.3 69.5



#10

Naphthalene

Concen: Below Cal

RT: 10.35 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BE090954.D

Acq: 23 Sep 2015 18:10

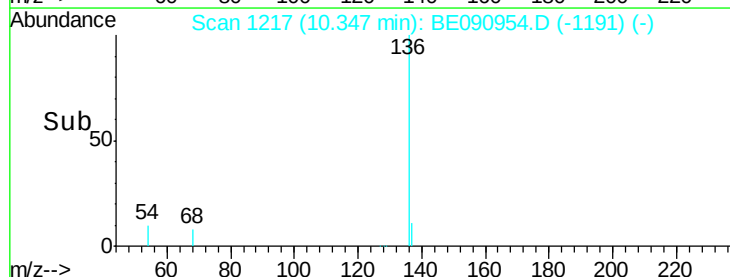
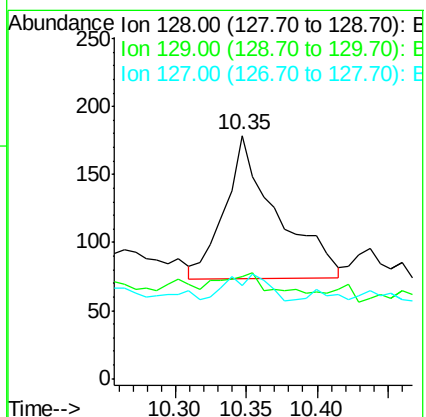
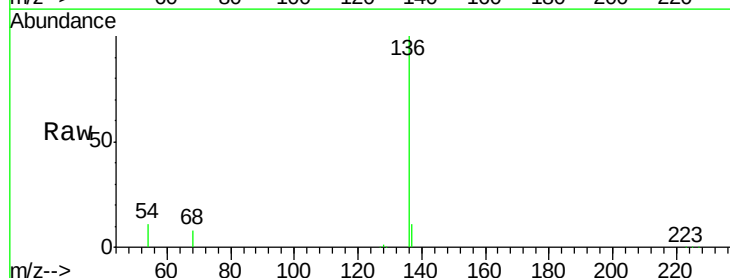
Tgt Ion: 128 Resp: 269

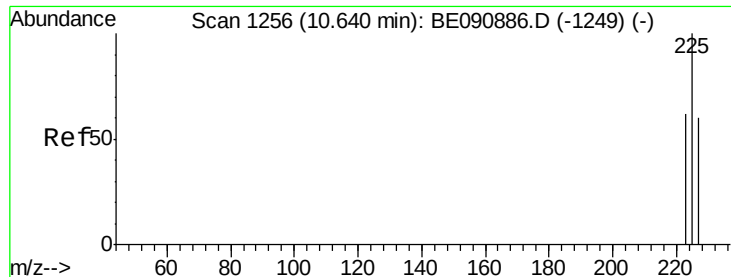
Ion Ratio Lower Upper

128 100

129 41.9 8.4 12.6#

127 38.0 9.9 14.9#

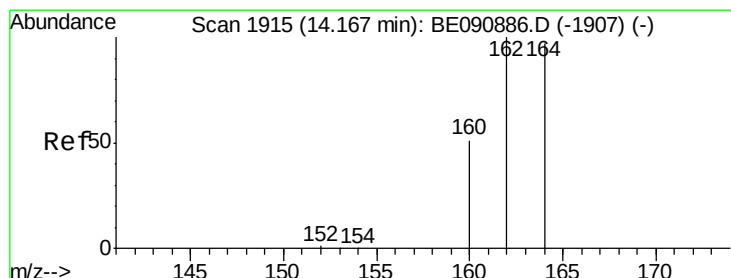
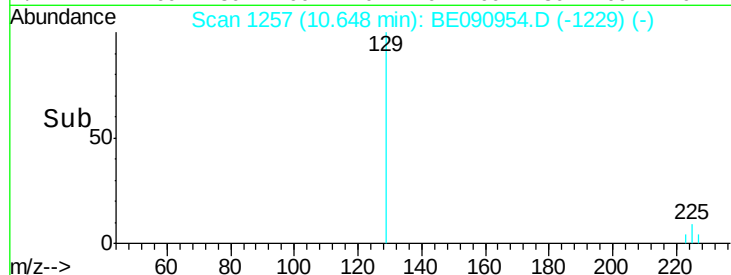
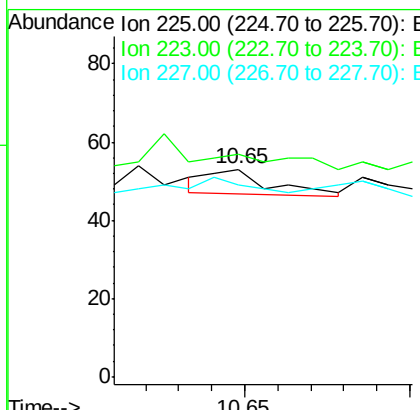
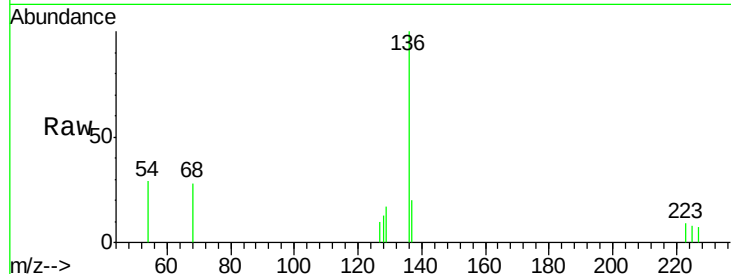




#11
Hexachlorobutadiene
Concen: Below Cal
RT: 10.65 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BE090954.D
Acq: 23 Sep 2015 18:10

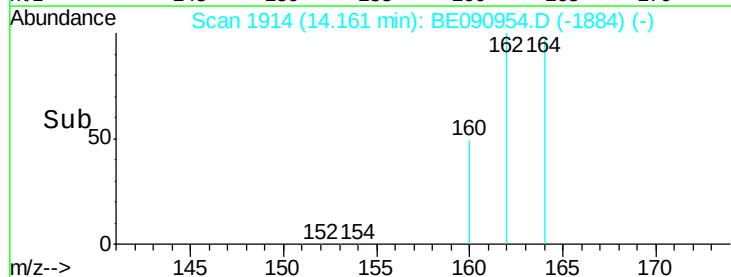
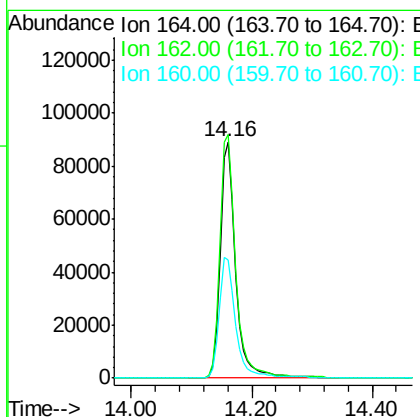
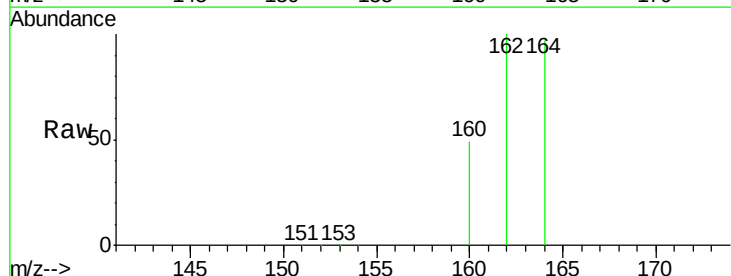
Instrument :
BNA_E
ClientSampleId :
091715-D549-F-D-BRE

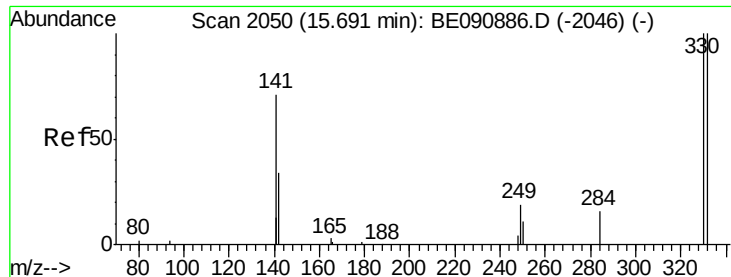
Tot Ion:225 Resp: 8
Ion Ratio Lower Upper
225 100
223 0.0 50.6 76.0#
227 62.5 51.0 76.6



#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.16 min Scan# 1914
Delta R.T. -0.01 min
Lab File: BE090954.D
Acq: 23 Sep 2015 18:10

Tgt Ion:164 Resp: 160520
Ion Ratio Lower Upper
164 100
162 103.0 86.8 130.2
160 50.1 53.9 80.9#

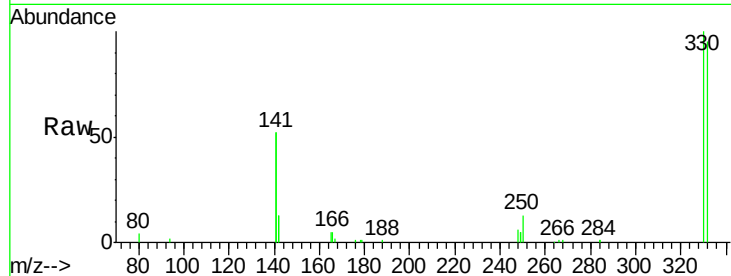




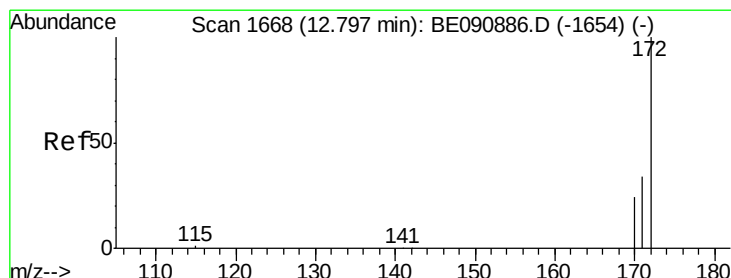
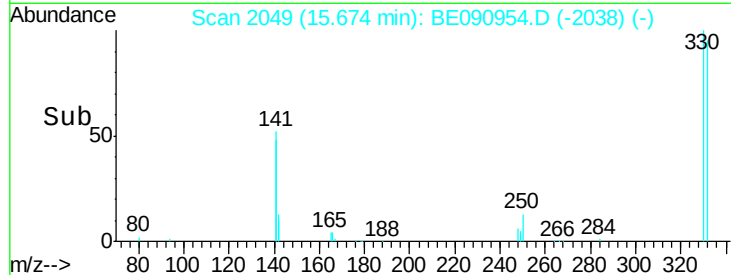
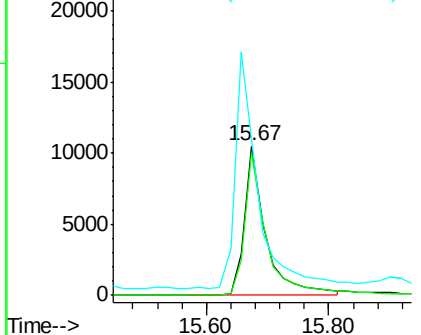
#14
 2,4,6-Tribromophenol
 Concen: 4.40 ng
 RT: 15.67 min Scan# 2049
 Delta R.T. -0.02 min
 Lab File: BE090954.D
 Acq: 23 Sep 2015 18:10

Instrument :
 BNA_E
 ClientSampleId :
 091715-D549-F-D-BRE

Tot Ion:330 Resp: 24929
 Ion Ratio Lower Upper
 330 100
 332 96.0 74.9 112.3
 141 174.3 145.2 217.8

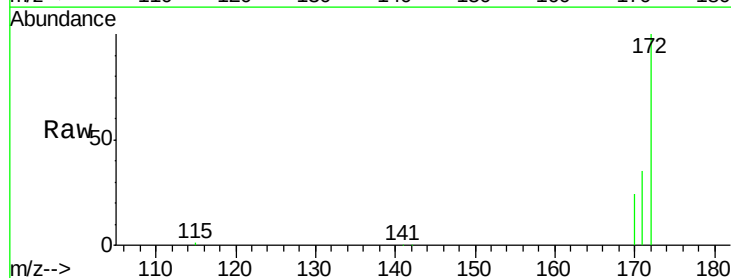


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

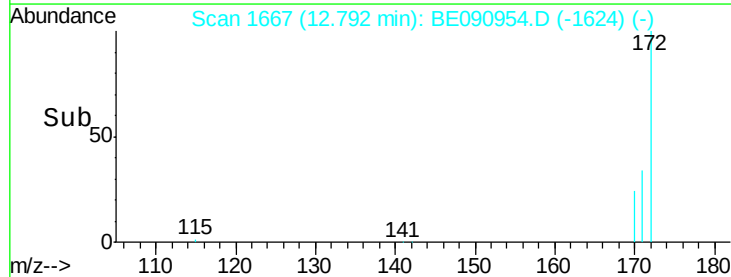
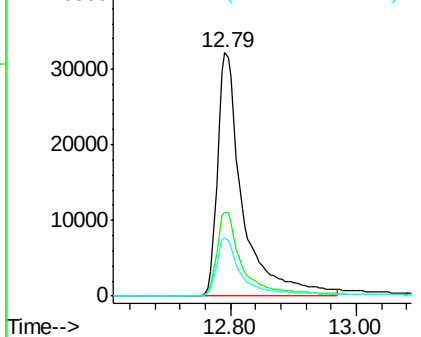


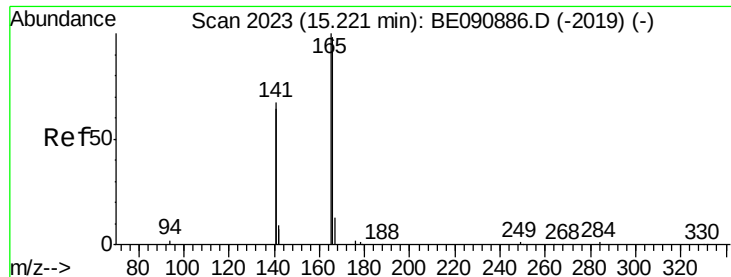
#15
 2-Fluorobiphenyl
 Concen: 1.95 ng
 RT: 12.79 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BE090954.D
 Acq: 23 Sep 2015 18:10

Tgt Ion:172 Resp: 88600
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.8 41.8
 170 23.8 19.8 29.6



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

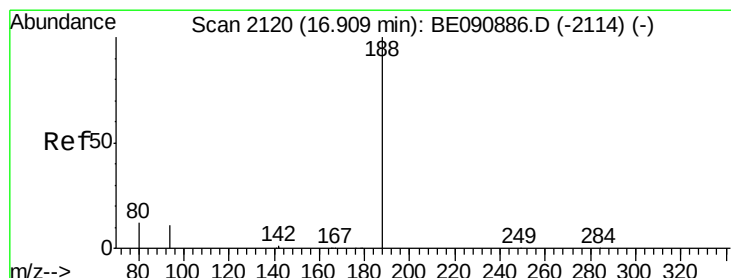
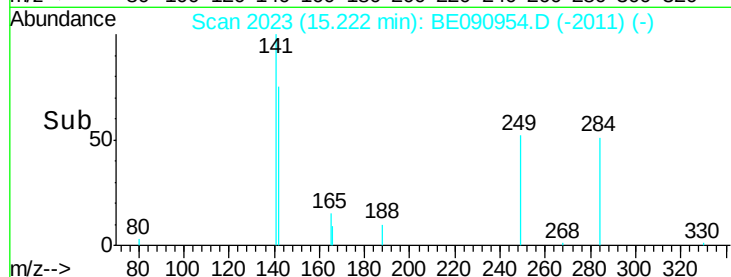
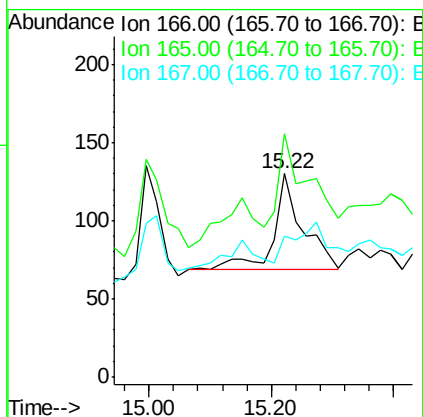
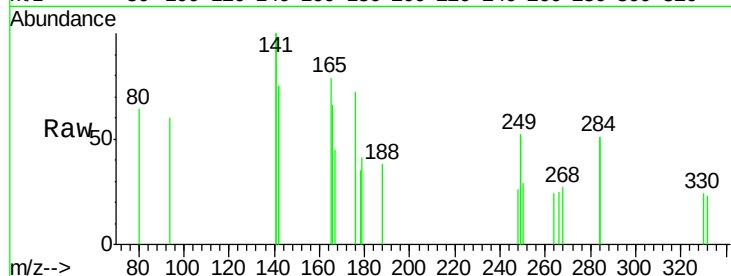




#18
 Fluorene
 Concen: Below Cal
 RT: 15.22 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BE090954.D
 Acq: 23 Sep 2015 18:10

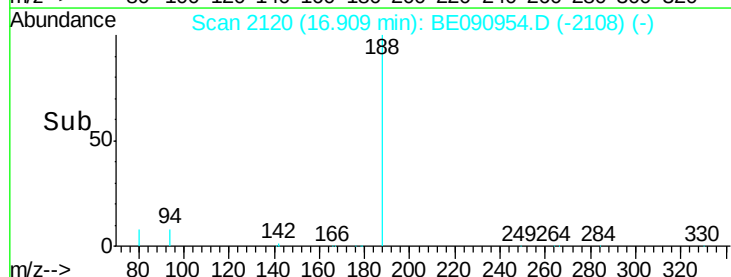
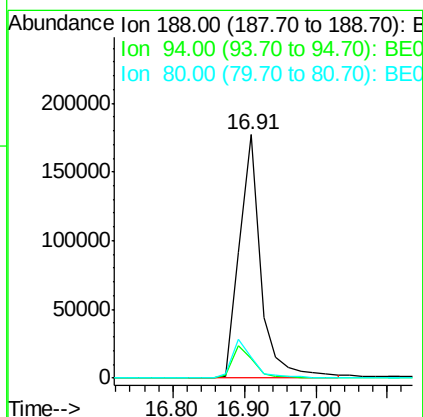
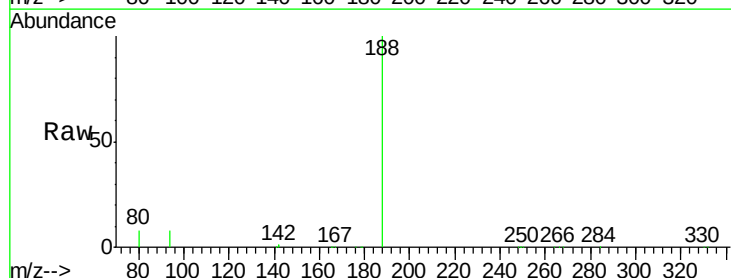
Instrument :
 BNA_E
 ClientSampleId :
 091715-D549-F-D-BRE

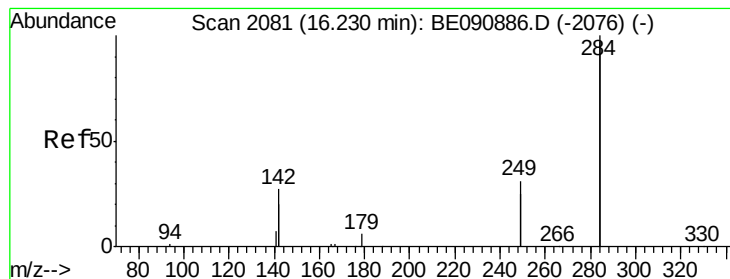
Tot Ion:166 Resp: 198
 Ion Ratio Lower Upper
 166 100
 165 101.0 82.7 124.1
 167 0.0 10.7 16.1#



#19
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.91 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: BE090954.D
 Acq: 23 Sep 2015 18:10

Tgt Ion:188 Resp: 366989
 Ion Ratio Lower Upper
 188 100
 94 8.1 10.3 15.5#
 80 8.5 11.0 16.6#





#21

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2081

Delta R.T. 0.00 min

Lab File: BE090954.D

Acq: 23 Sep 2015 18:10

Instrument :

BNA_E

ClientSampleId :

091715-D549-F-D-BRE

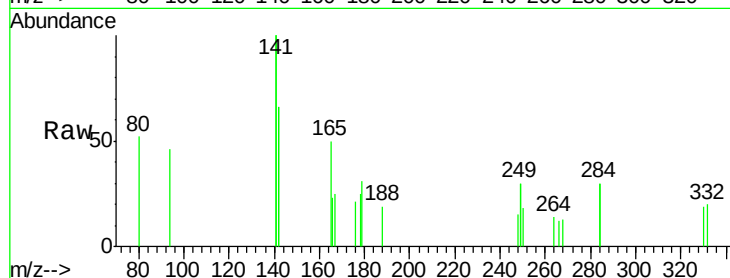
Tot Ion:284 Resp: 79

Ion Ratio Lower Upper

284 100

142 129.1 35.0 52.4#

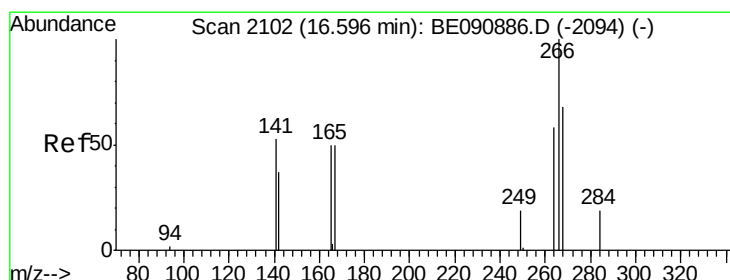
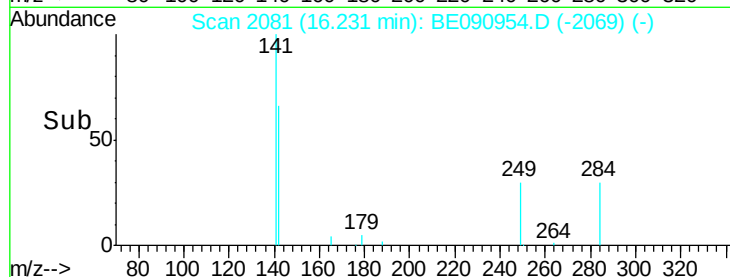
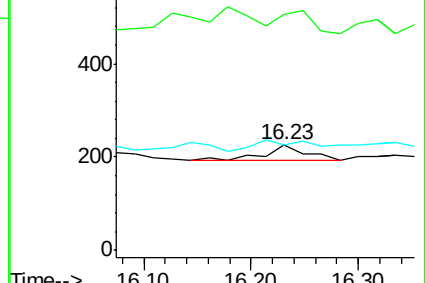
249 0.0 25.5 38.3#



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



#22

Pentachlorophenol

Concen: 0.19 ng

RT: 16.63 min Scan# 2104

Delta R.T. 0.04 min

Lab File: BE090954.D

Acq: 23 Sep 2015 18:10

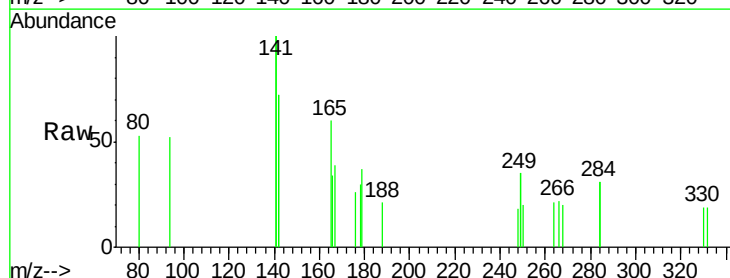
Tgt Ion:266 Resp: 92

Ion Ratio Lower Upper

266 100

268 94.2 49.6 74.4#

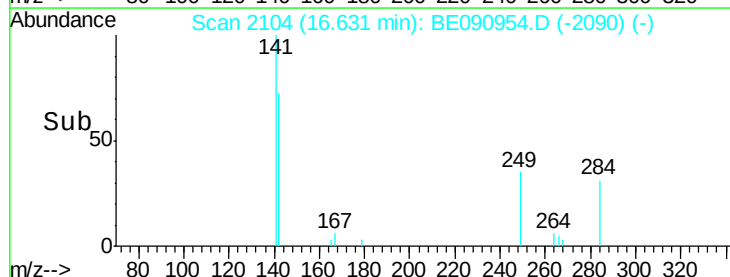
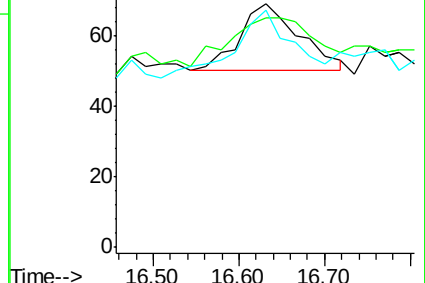
264 97.1 53.9 80.9#

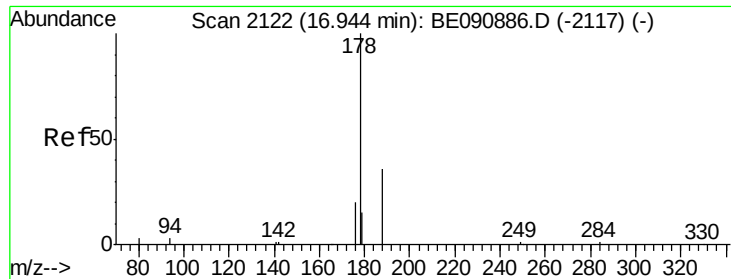


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: Below Cal

RT: 16.94 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BE090954.D

Acq: 23 Sep 2015 18:10

Instrument :

BNA_E

ClientSampleId :

091715-D549-F-D-BRE

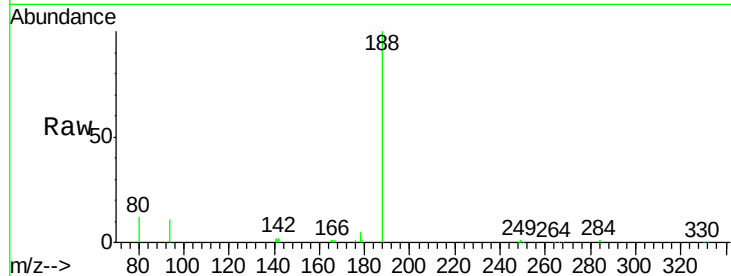
Tot Ion:178 Resp: 1413

Ion Ratio Lower Upper

178 100

176 20.8 15.6 23.4

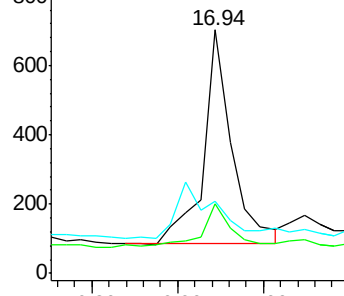
179 0.0 12.8 19.2#



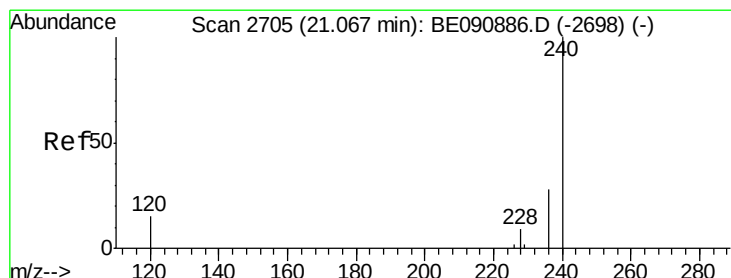
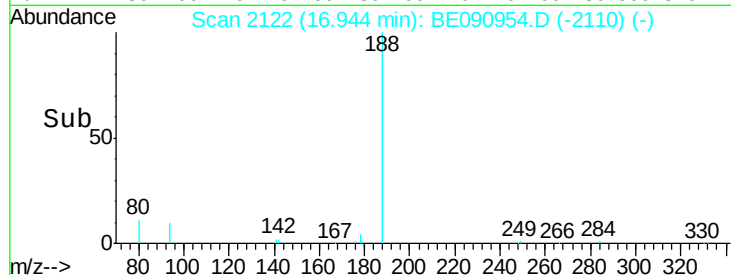
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2705

Delta R.T. 0.00 min

Lab File: BE090954.D

Acq: 23 Sep 2015 18:10

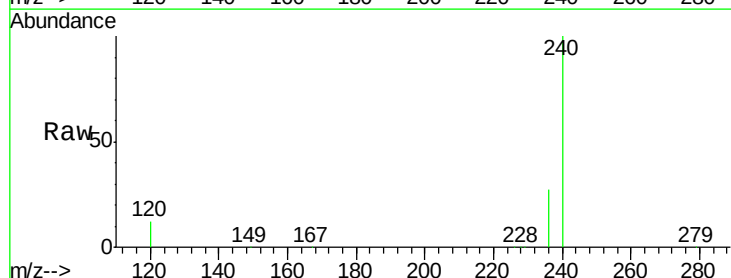
Tgt Ion:240 Resp: 448672

Ion Ratio Lower Upper

240 100

120 11.7 10.1 15.1

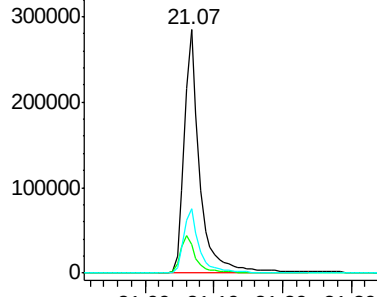
236 26.6 21.9 32.9



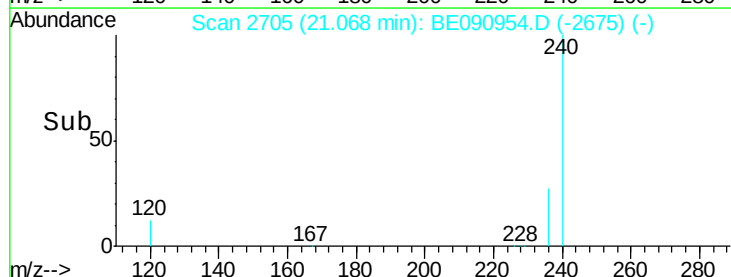
Abundance Ion 240.00 (239.70 to 240.70): E

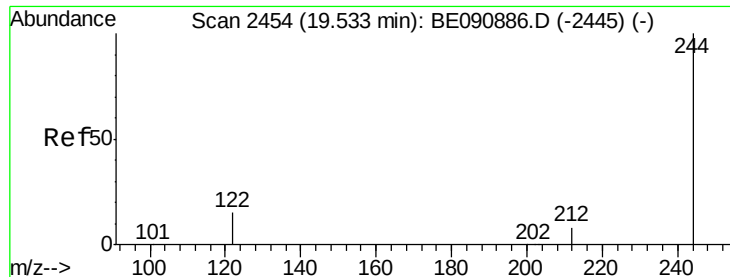
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#28

Terphenyl-d14

Concen: 3.23 ng

RT: 19.52 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BE090954.D

Acq: 23 Sep 2015 18:10

Instrument :

BNA_E

ClientSampleId :

091715-D549-F-D-BRE

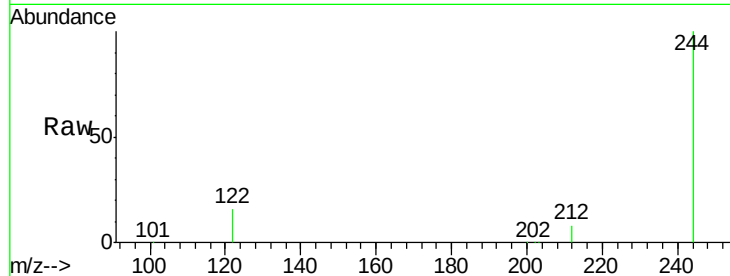
Tot Ion:244 Resp: 165258

Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

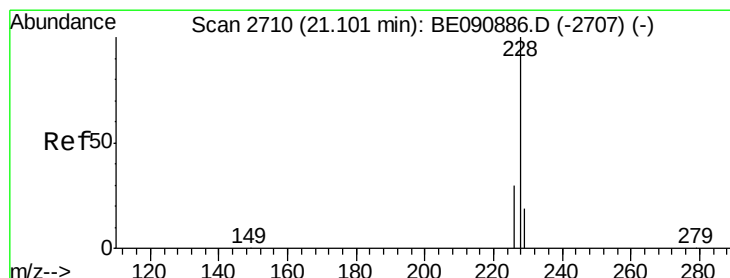
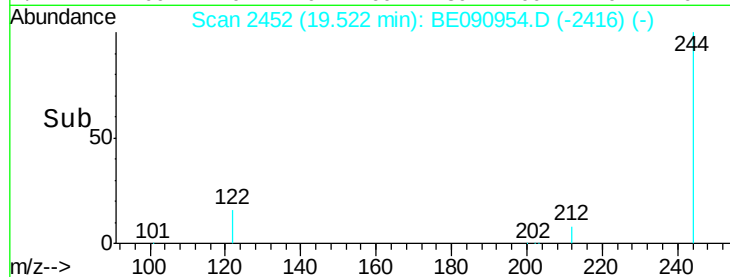
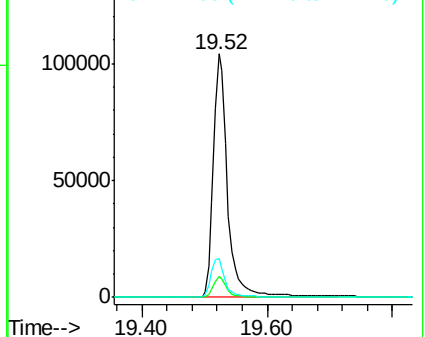
122 15.7 12.9 19.3



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

Chrysene

Concen: Below Cal

RT: 21.10 min Scan# 2710

Delta R.T. 0.00 min

Lab File: BE090954.D

Acq: 23 Sep 2015 18:10

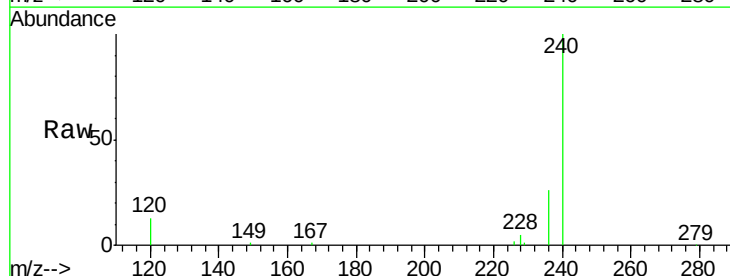
Tgt Ion:228 Resp: 1920

Ion Ratio Lower Upper

228 100

226 31.7 24.2 36.4

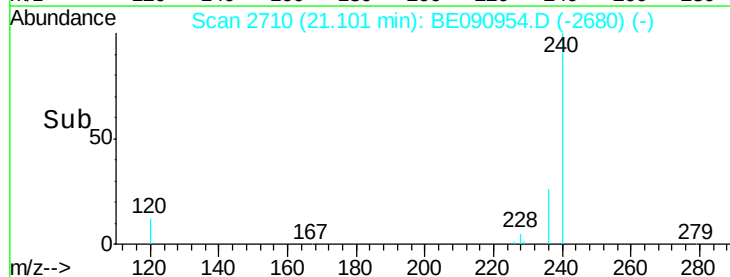
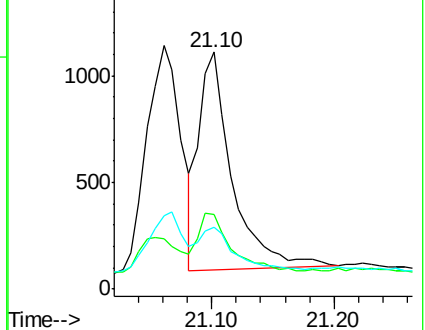
229 26.2 15.3 22.9#

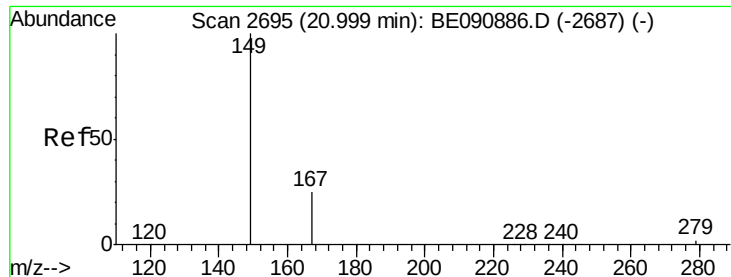


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

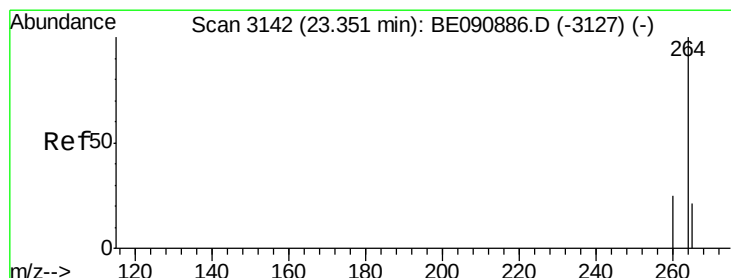
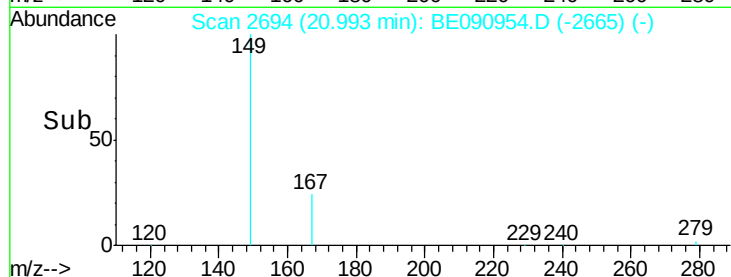
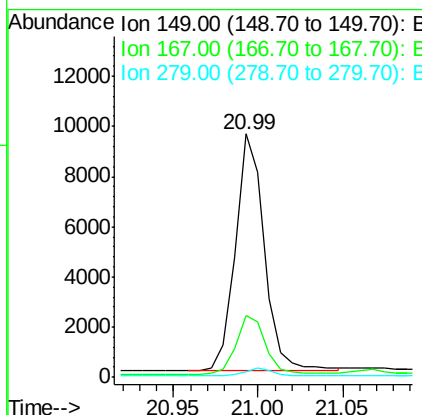
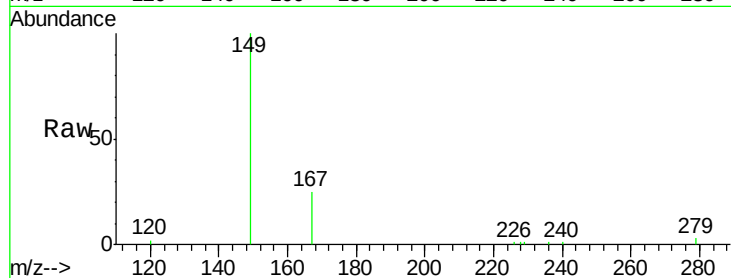




#31
 Bis(2-ethylhexyl)phthalate
 Concen: 0.38 ng
 RT: 20.99 min Scan# 2694
 Delta R.T. -0.01 min
 Lab File: BE090954.D
 Acq: 23 Sep 2015 18:10

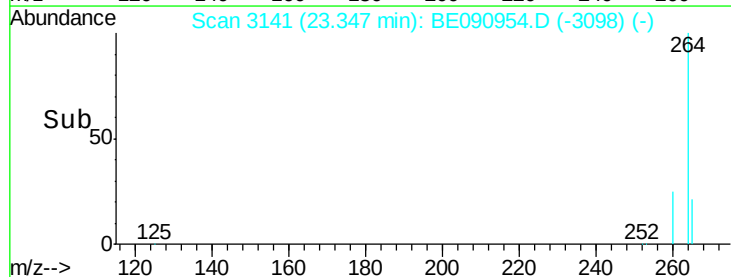
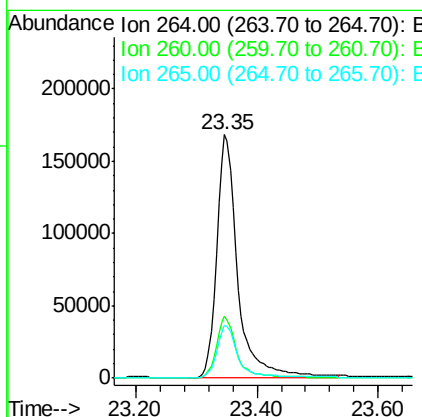
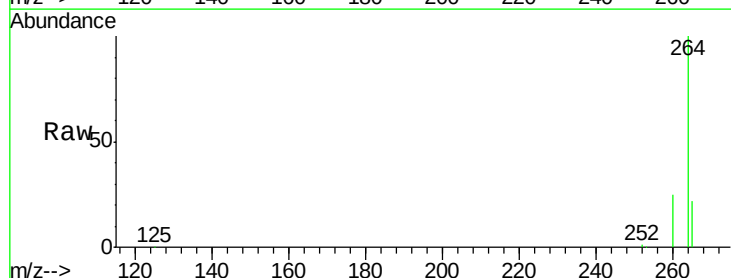
Instrument :
 BNA_E
 ClientSampleId :
 091715-D549-F-D-BRE

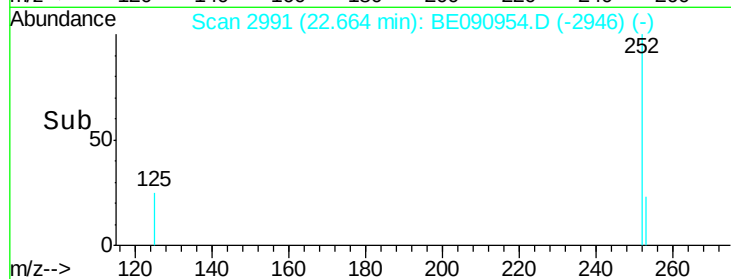
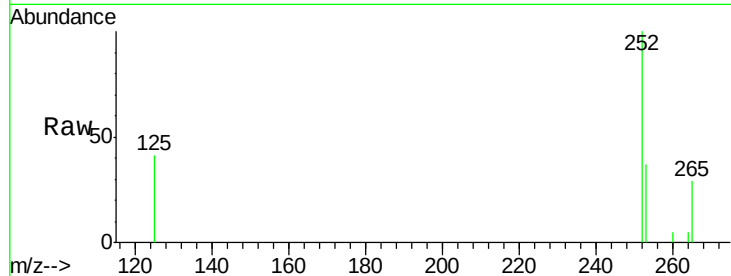
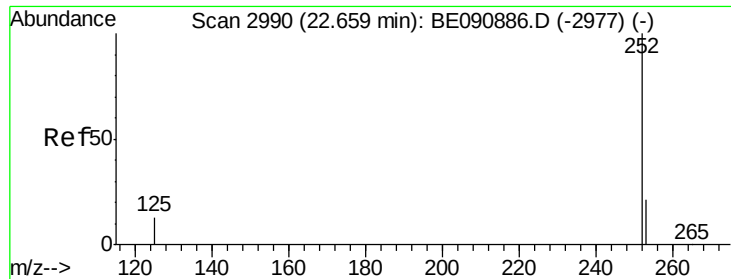
Tot Ion:149 Resp: 11115
 Ion Ratio Lower Upper
 149 100
 167 25.1 20.1 30.1
 279 3.1 2.3 3.5



#33
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3141
 Delta R.T. -0.00 min
 Lab File: BE090954.D
 Acq: 23 Sep 2015 18:10

Tgt Ion:264 Resp: 405985
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.7 29.5
 265 21.6 17.5 26.3





#34

Benzo(b)fluoranthene

Concen: 0.02 ng

RT: 22.66 min Scan# 2991

Delta R.T. 0.00 min

Lab File: BE090954.D

Acq: 23 Sep 2015 18:10

Instrument :

BNA_E

ClientSampleId :

091715-D549-F-D-BRE

Tot Ion: 252 Resp: 2276

Ion Ratio Lower Upper

252 100

253 36.8 17.9 26.9#

125 41.1 10.6 16.0#

