

Data Path : Z:\HPCHEM1\BNA_E\Data\BE091715\
 Data File : BE090858.D
 Acq On : 17 Sep 2015 10:26
 Operator : UM/IZ
 Sample : G3677-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091415-D534-F-D-M

Quant Time: Sep 17 11:39:03 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 11:40:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	42306	5.00	ng	-0.01
6) Naphthalene-d8	10.30	136	196030	5.00	ng	0.00
12) Acenaphthene-d10	14.16	164	108601	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	270372	5.00	ng	0.00
25) Chrysene-d12	21.07	240	308778	5.00	ng	0.00
32) Perylene-d12	23.35	264	273893	5.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	33944	4.12	ng	-0.01
5) Phenol-d6	6.74	99	27781	2.36	ng	0.00
7) Nitrobenzene-d5	8.70	82	53897	4.16	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	30063	9.40	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	119117	3.96	ng	0.00
27) Terphenyl-d14	19.52	244	206886	6.06	ng	-0.02

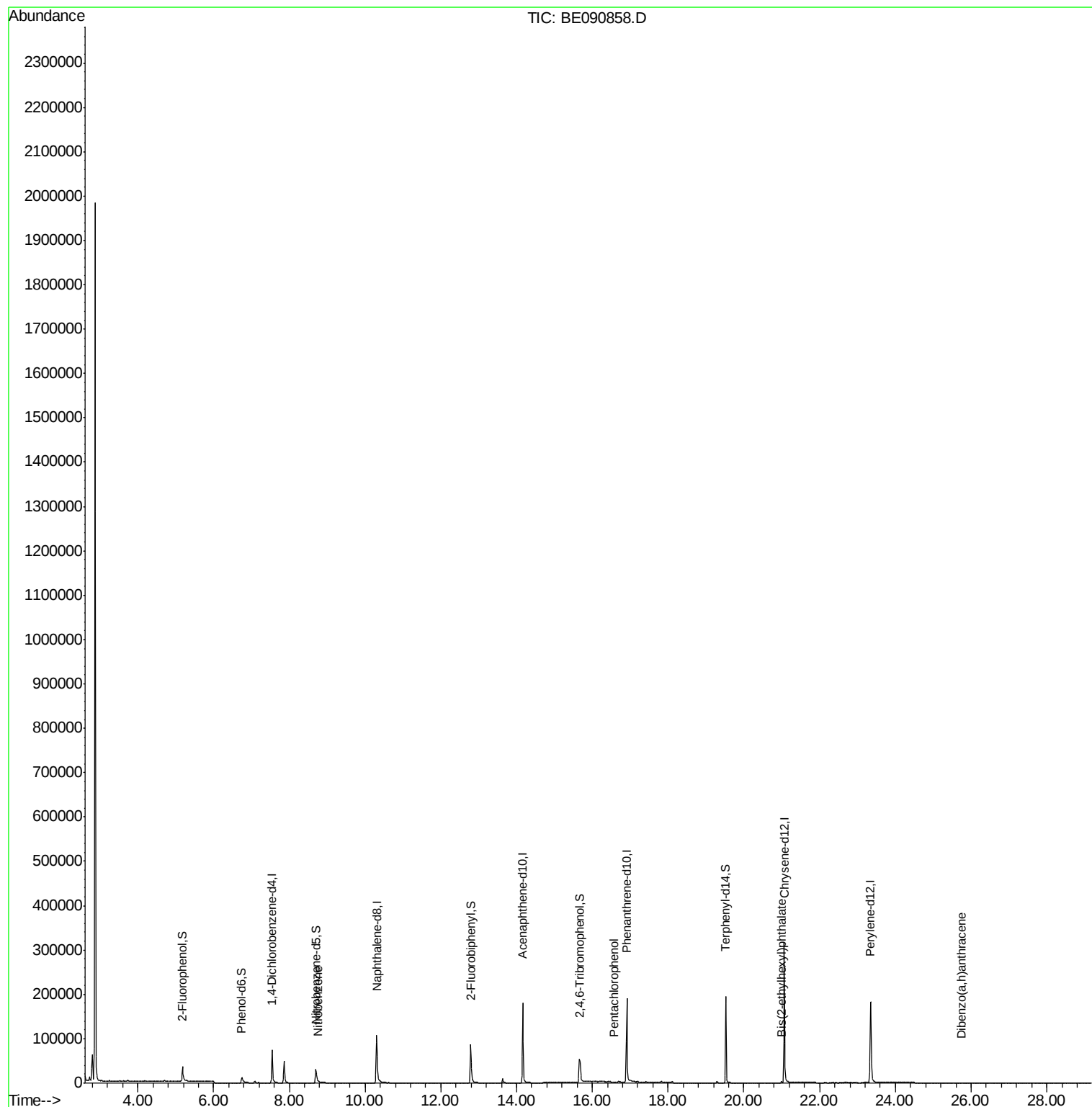
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.20	88	106	Below Cal	#	38
3) n-Nitrosodimethylamine	3.43	42	59	Below Cal	#	1
8) Nitrobenzene	8.76	77	31	0.11 ng	#	80
20) Hexachlorobenzene	16.23	284	33	Below Cal	#	1
21) Pentachlorophenol	16.58	266	45	0.47 ng	#	61
28) Benzo(a)anthracene	21.07	228	995	Below Cal	#	76
29) Chrysene	21.07	228	995	Below Cal	#	72
30) Bis(2-ethylhexyl)phthalate	20.99	149	2638	0.21 ng		100
36) Dibenzo(a,h)anthracene	25.75	278	35	0.14 ng	#	1

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

Data Path : Z:\HPCHEM1\BNA_E\Data\BE091715\
Data File : BE090858.D
Acq On : 17 Sep 2015 10:26
Operator : UM/IZ
Sample : G3677-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
091415-D534-F-D-M

Quant Time: Sep 17 11:39:03 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration

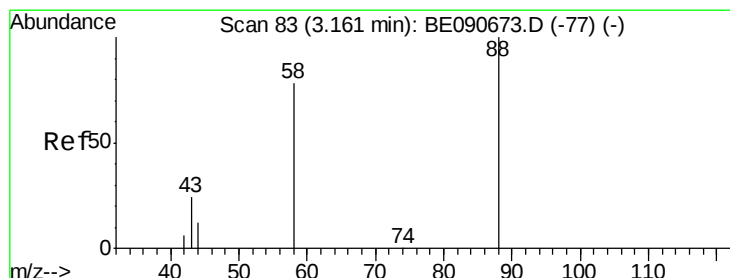
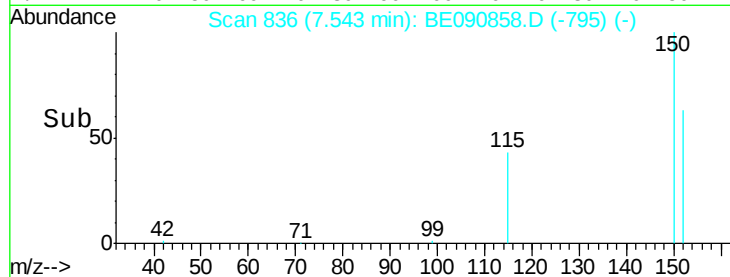
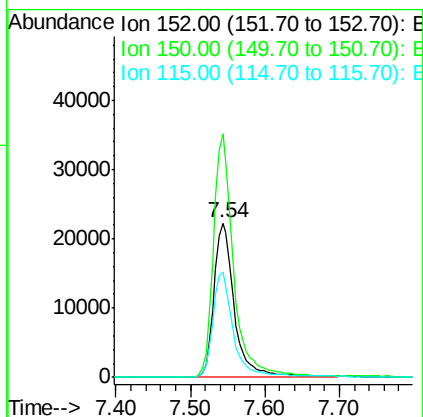
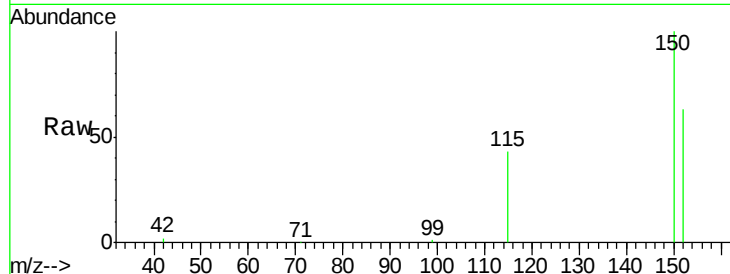




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.54 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BE090858.D
 Acq: 17 Sep 2015 10:26

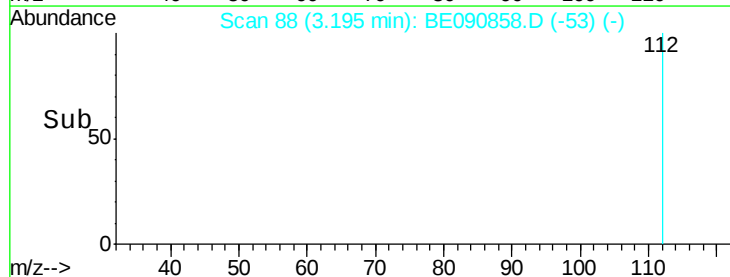
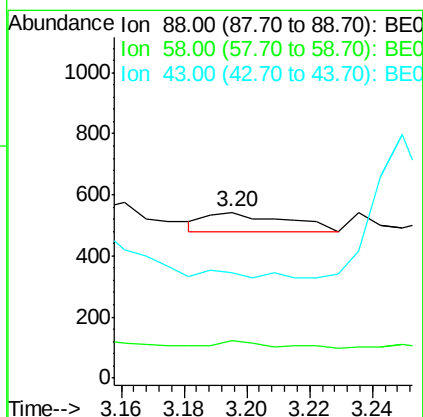
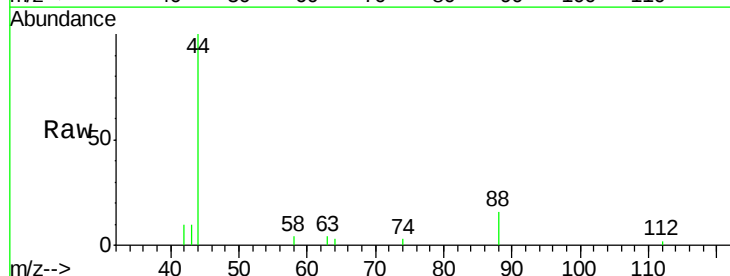
Instrument :
 BNA_E
 ClientSampleId :
 091415-D534-F-D-M

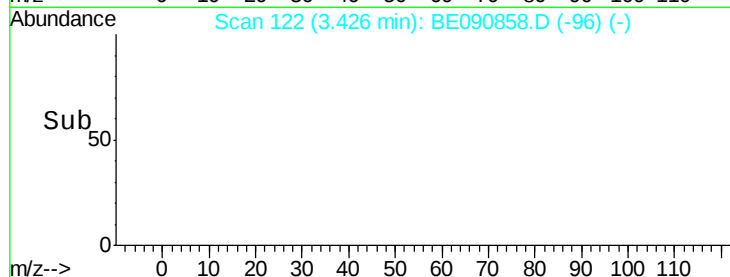
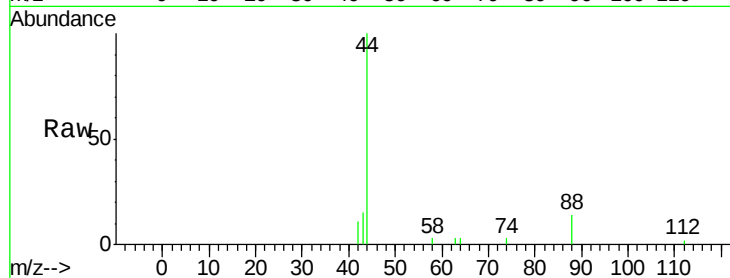
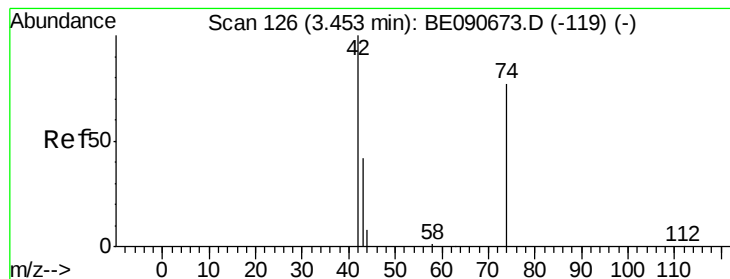
Tgt Ion: 152 Resp: 42306
 Ion Ratio Lower Upper
 152 100
 150 157.9 122.2 183.4
 115 68.4 51.0 76.4



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.20 min Scan# 88
 Delta R.T. 0.03 min
 Lab File: BE090858.D
 Acq: 17 Sep 2015 10:26

Tgt Ion: 88 Resp: 106
 Ion Ratio Lower Upper
 88 100
 58 27.4 68.4 102.6#
 43 0.0 26.9 40.3#





#3

n-Nitrosodimethylamine

Concen: Below Cal

RT: 3.43 min Scan# 122

Delta R.T. -0.03 min

Lab File: BE090858.D

Acq: 17 Sep 2015 10:26

Instrument :

BNA_E

ClientSampleId :

091415-D534-F-D-M

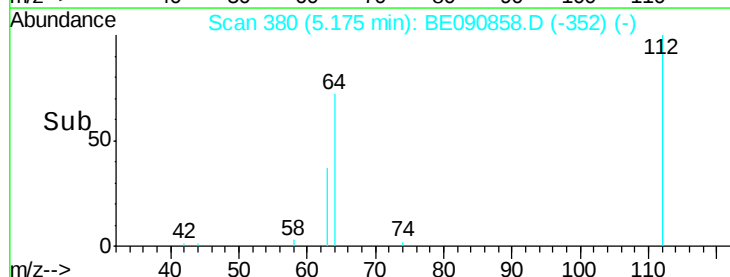
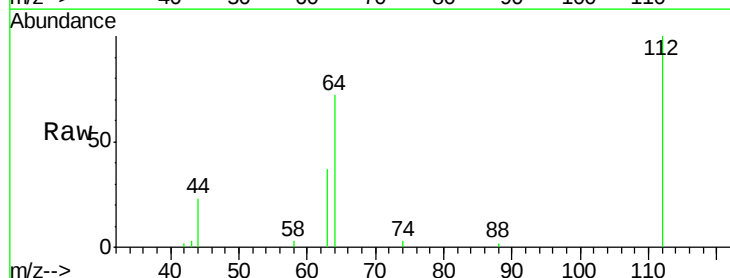
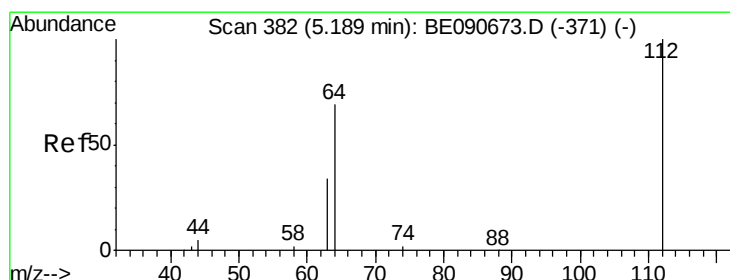
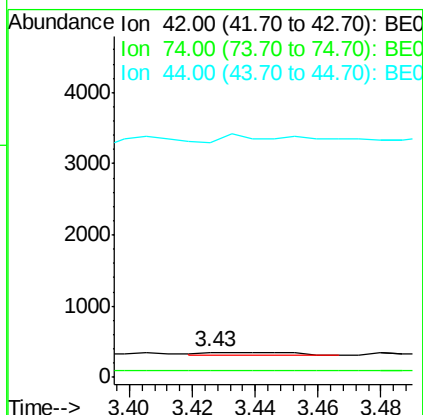
Tgt Ion: 42 Resp: 59

Ion Ratio Lower Upper

42 100

74 0.0 83.7 125.5#

44 149.2 10.0 15.0#



#4

2-Fluorophenol

Concen: 4.12 ng

RT: 5.18 min Scan# 380

Delta R.T. -0.01 min

Lab File: BE090858.D

Acq: 17 Sep 2015 10:26

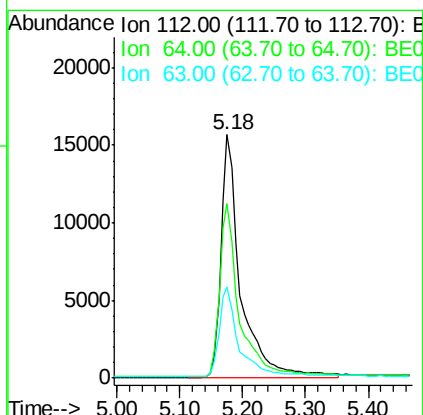
Tgt Ion: 112 Resp: 33944

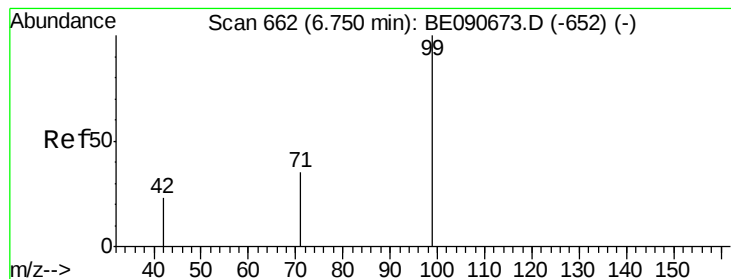
Ion Ratio Lower Upper

112 100

64 72.4 57.3 85.9

63 37.6 29.2 43.8





#5

Phenol-d6

Concen: 2.36 ng

RT: 6.74 min Scan# 660

Delta R.T. -0.01 min

Lab File: BE090858.D

Acq: 17 Sep 2015 10:26

Instrument :

BNA_E

ClientSampleId :

091415-D534-F-D-M

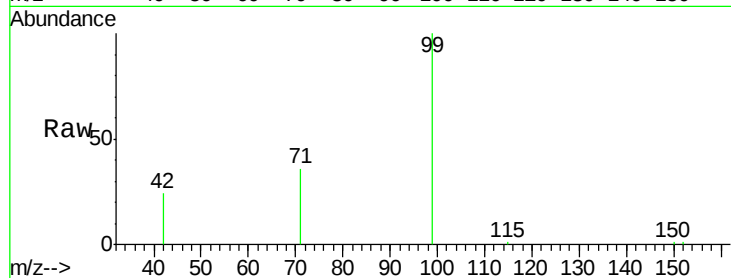
Tgt Ion: 99 Resp: 27781

Ion Ratio Lower Upper

99 100

42 21.8 16.8 25.2

71 36.7 28.3 42.5

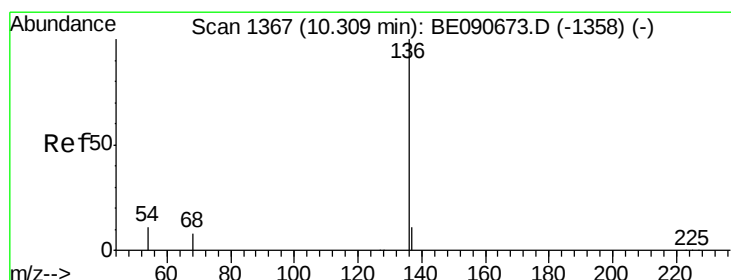
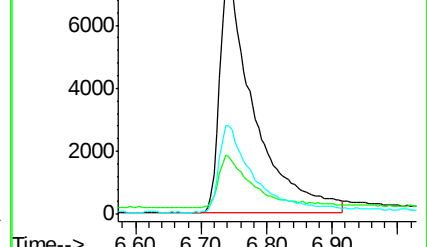
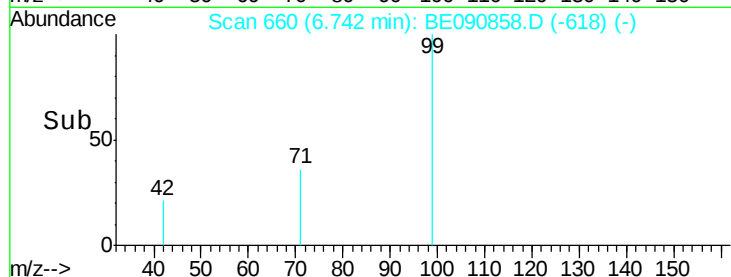


Abundance Ion 99.00 (98.70 to 99.70): BE090858.D (-618) (-)

Ion 42.00 (41.70 to 42.70): BE090858.D (-618) (-)

Ion 71.00 (70.70 to 71.70): BE090858.D (-618) (-)

6.74



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090858.D

Acq: 17 Sep 2015 10:26

Tgt Ion: 136 Resp: 196030

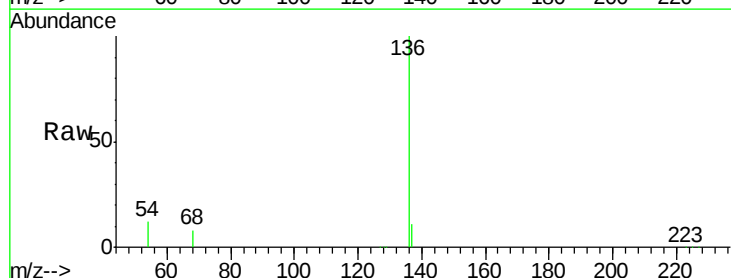
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.9 9.0 13.6

68 8.4 6.3 9.5



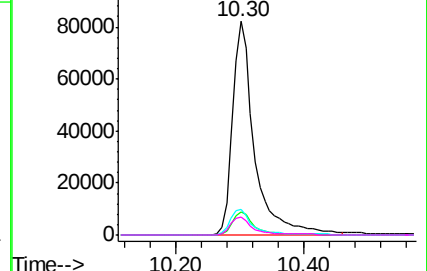
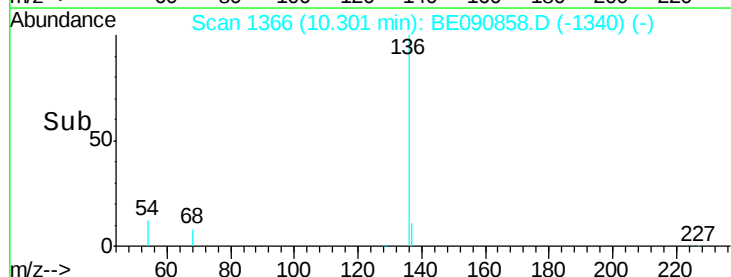
Abundance Ion 136.00 (135.70 to 136.70): BE090858.D (-1340) (-)

Ion 137.00 (136.70 to 137.70): BE090858.D (-1340) (-)

Ion 54.00 (53.70 to 54.70): BE090858.D (-1340) (-)

Ion 68.00 (67.70 to 68.70): BE090858.D (-1340) (-)

10.30





#7

Nitrobenzene-d5

Concen: 4.16 ng

RT: 8.70 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BE090858.D

Acq: 17 Sep 2015 10:26

Instrument :

BNA_E

ClientSampleId :

091415-D534-F-D-M

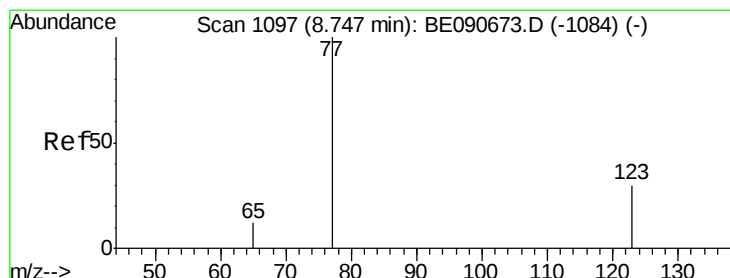
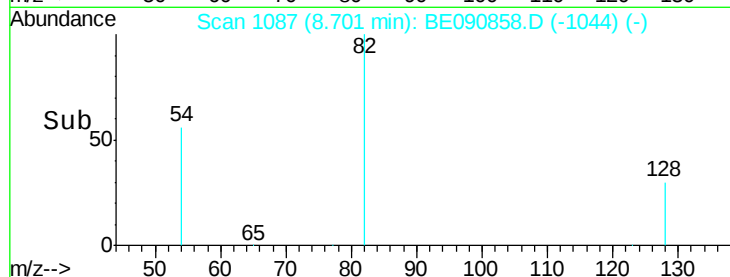
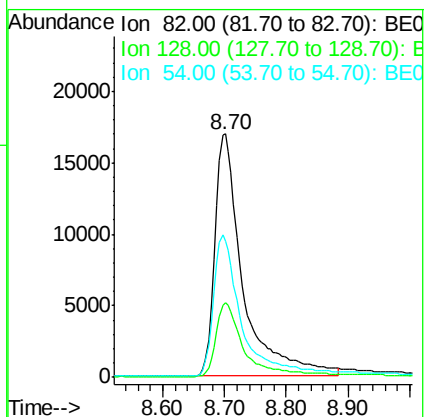
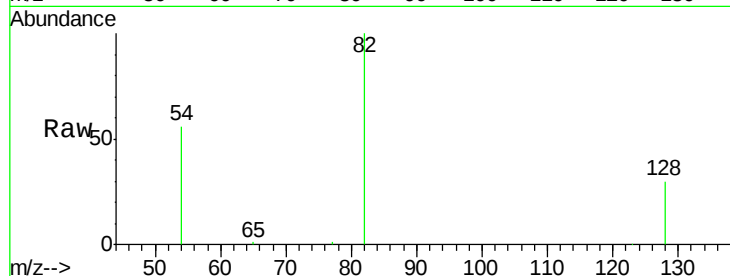
Tgt Ion: 82 Resp: 53897

Ion Ratio Lower Upper

82 100

128 30.4 25.0 37.4

54 55.8 46.3 69.5



#8

Nitrobenzene

Concen: 0.11 ng

RT: 8.76 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BE090858.D

Acq: 17 Sep 2015 10:26

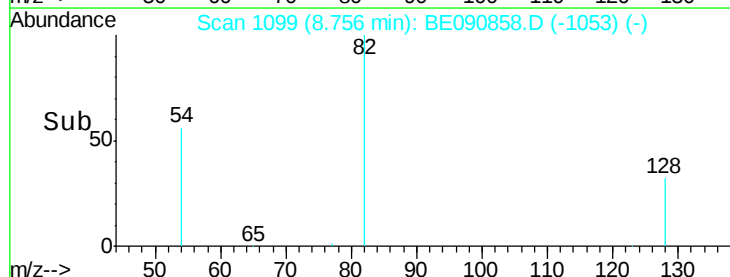
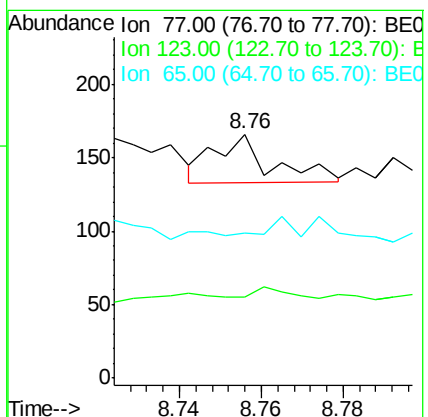
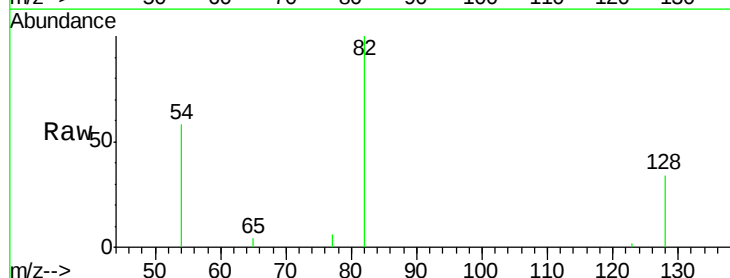
Tgt Ion: 77 Resp: 31

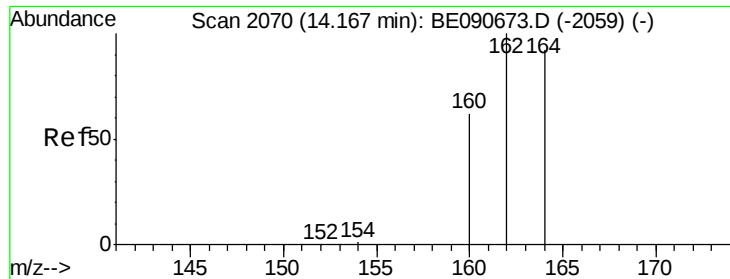
Ion Ratio Lower Upper

77 100

123 16.1 25.1 37.7#

65 12.9 9.9 14.9





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.16 min Scan# 2069

Delta R.T. -0.01 min

Lab File: BE090858.D

Acq: 17 Sep 2015 10:26

Instrument :

BNA_E

ClientSampleId :

091415-D534-F-D-M

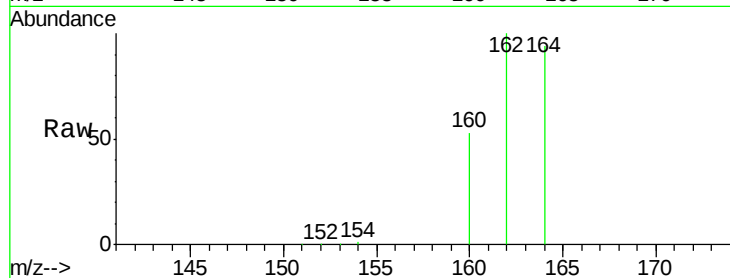
Tgt Ion:164 Resp: 108601

Ion Ratio Lower Upper

164 100

162 106.7 86.8 130.2

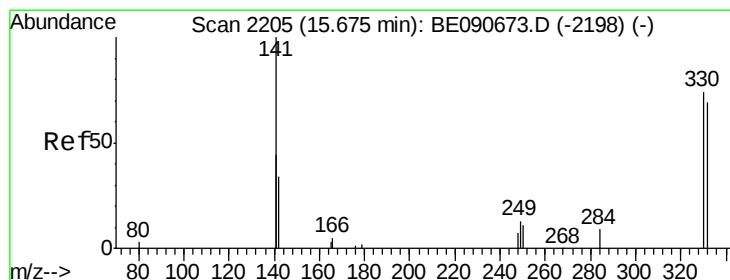
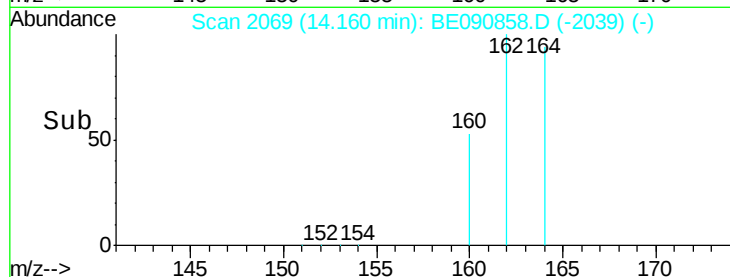
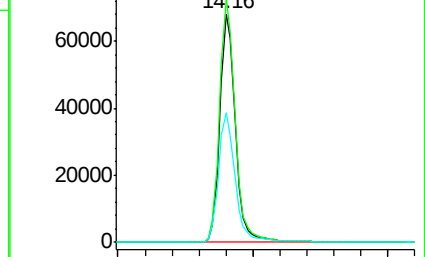
160 56.9 53.9 80.9



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: 9.40 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090858.D

Acq: 17 Sep 2015 10:26

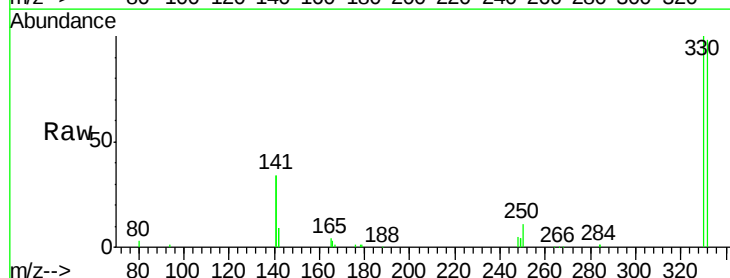
Tgt Ion:330 Resp: 30063

Ion Ratio Lower Upper

330 100

332 96.1 74.9 112.3

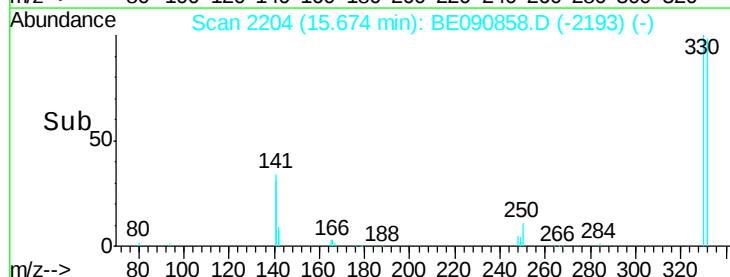
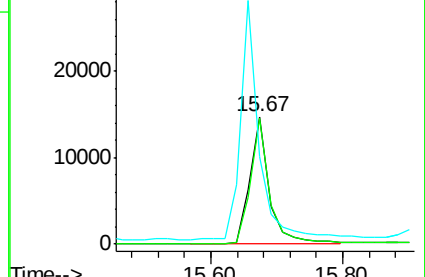
141 178.6 145.2 217.8



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

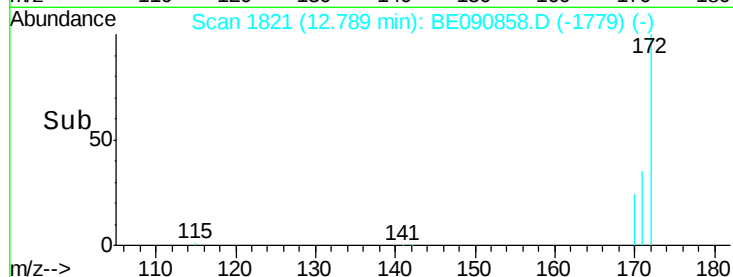
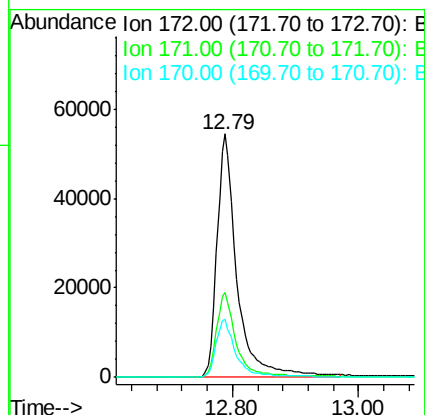
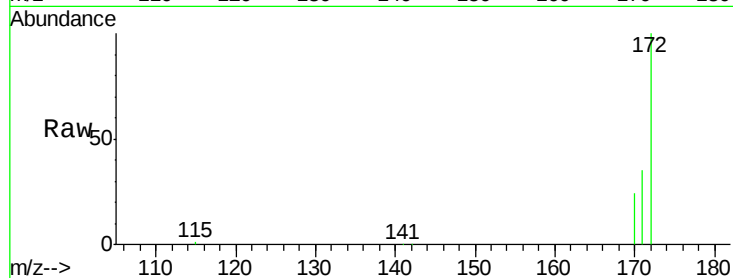




#14
2-Fluorobiphenyl
Concen: 3.96 ng
RT: 12.79 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BE090858.D
Acq: 17 Sep 2015 10:26

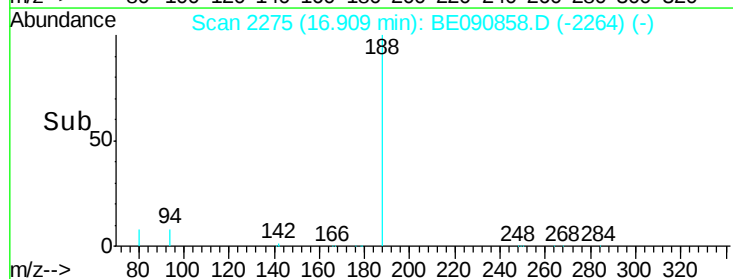
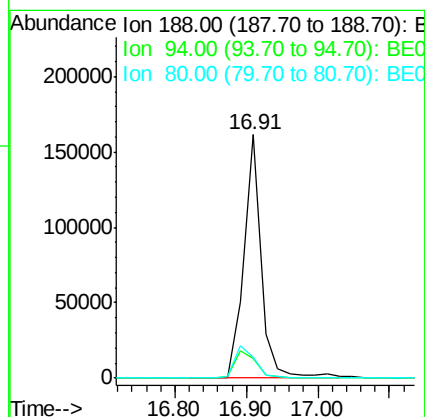
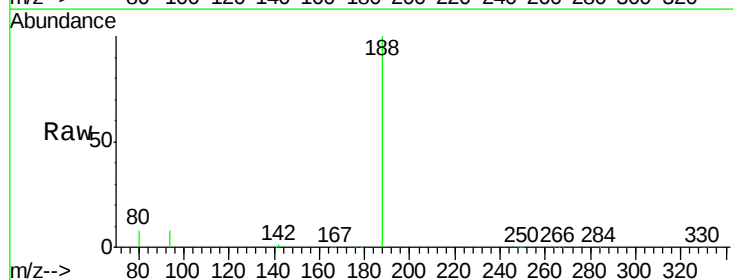
Instrument :
BNA_E
ClientSampleId :
091415-D534-F-D-M

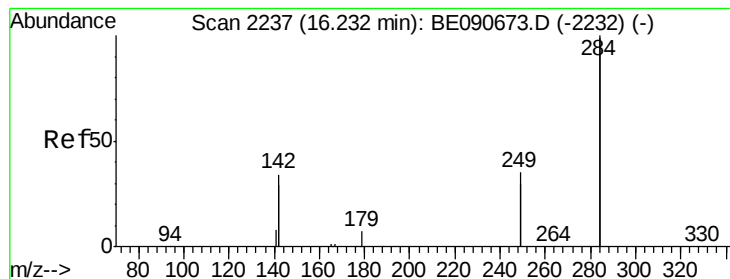
Tgt Ion:172 Resp: 119117
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 23.8 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090858.D
Acq: 17 Sep 2015 10:26

Tgt Ion:188 Resp: 270372
Ion Ratio Lower Upper
188 100
94 7.9 10.3 15.5#
80 8.4 11.0 16.6#





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.23 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BE090858.D

Acq: 17 Sep 2015 10:26

Instrument :

BNA_E

ClientSampleId :

091415-D534-F-D-M

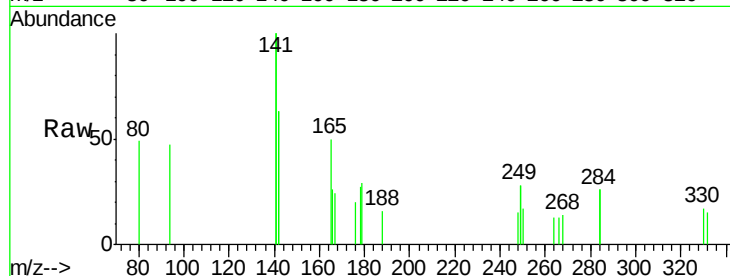
Tgt Ion:284 Resp: 33

Ion Ratio Lower Upper

284 100

142 575.8 35.0 52.4#

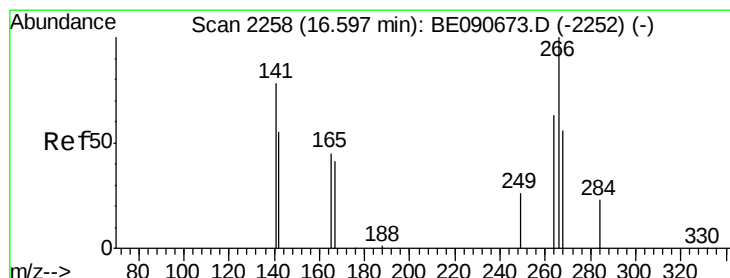
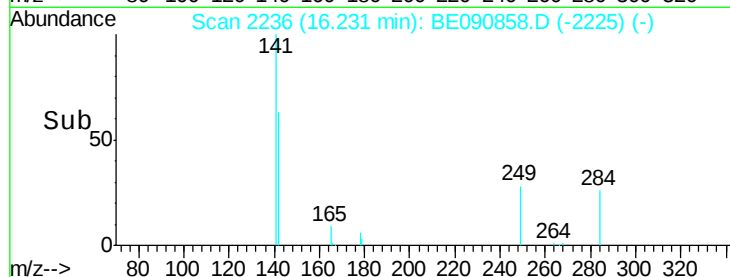
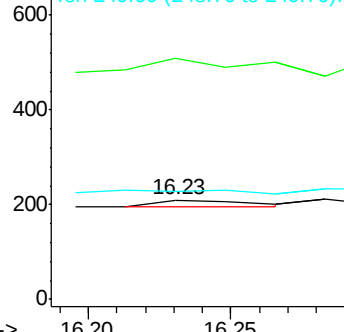
249 0.0 25.5 38.3#



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



#21

Pentachlorophenol

Concen: 0.47 ng

RT: 16.58 min Scan# 2256

Delta R.T. -0.02 min

Lab File: BE090858.D

Acq: 17 Sep 2015 10:26

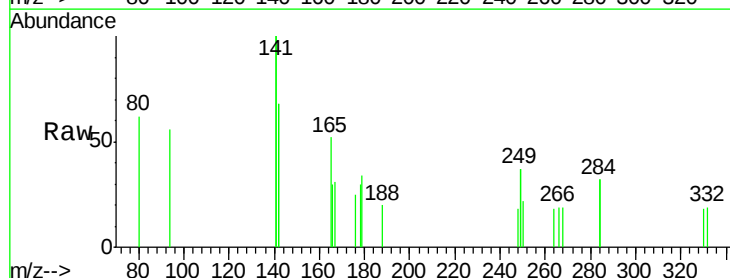
Tgt Ion:266 Resp: 45

Ion Ratio Lower Upper

266 100

268 96.8 49.6 74.4#

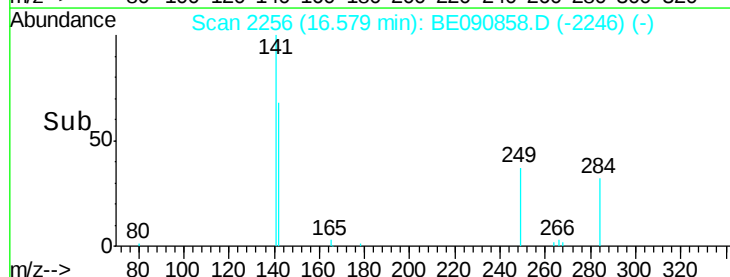
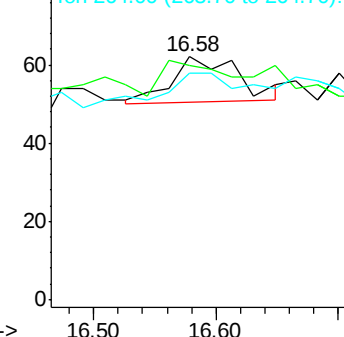
264 93.5 53.9 80.9#



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

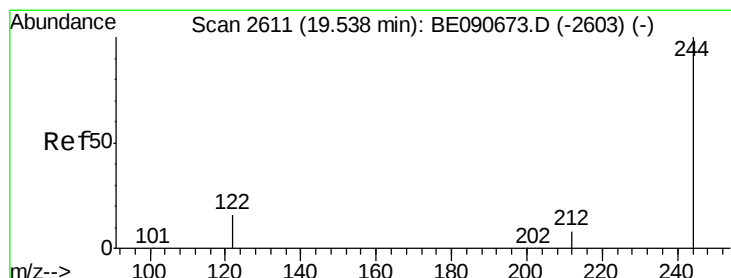
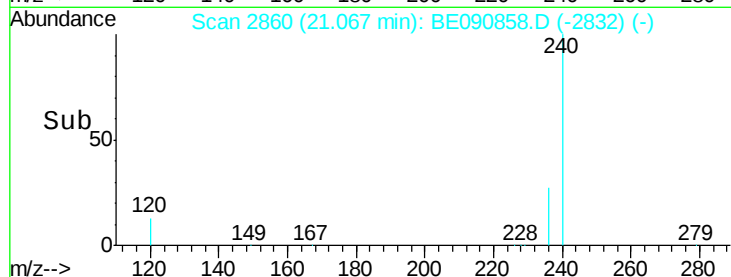
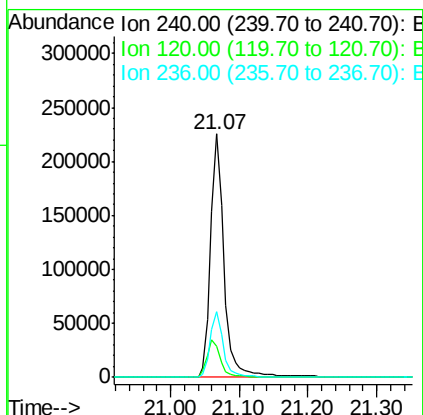
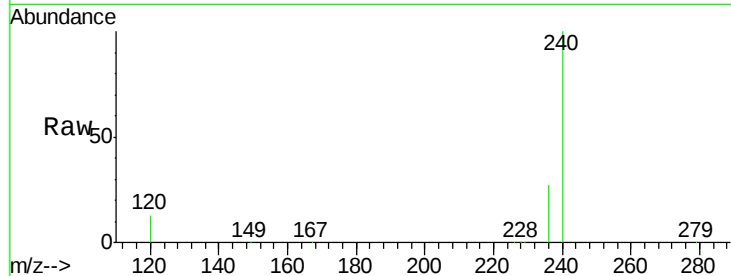




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BE090858.D
Acq: 17 Sep 2015 10:26

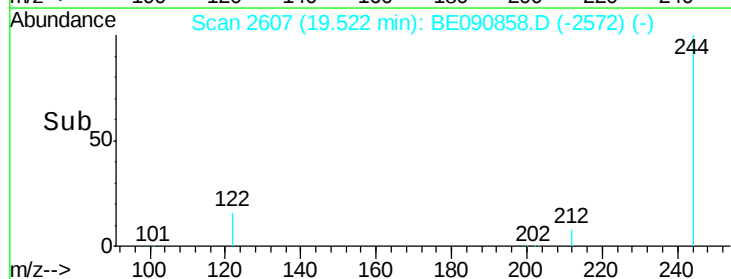
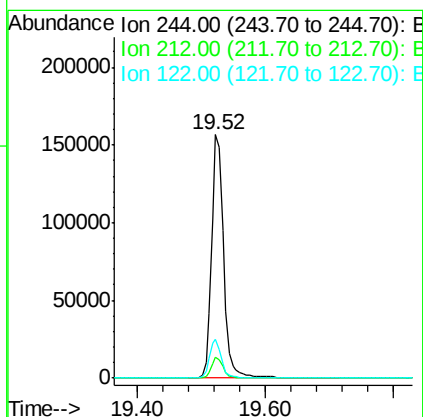
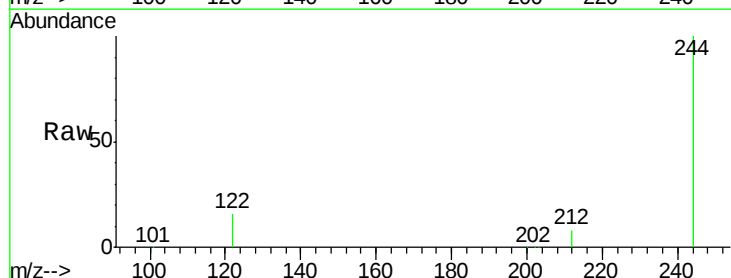
Instrument :
BNA_E
ClientSampleId :
091415-D534-F-D-M

Tgt Ion:240 Resp: 308778
Ion Ratio Lower Upper
240 100
120 12.6 10.1 15.1
236 27.2 21.9 32.9



#27
Terphenyl-d14
Concen: 6.06 ng
RT: 19.52 min Scan# 2607
Delta R.T. -0.02 min
Lab File: BE090858.D
Acq: 17 Sep 2015 10:26

Tgt Ion:244 Resp: 206886
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 16.1 12.9 19.3





#29

Chrysene

Concen: Below Cal

RT: 21.07 min Scan# 2860

Delta R.T. -0.04 min

Lab File: BE090858.D

Acq: 17 Sep 2015 10:26

Instrument :

BNA_E

ClientSampleId :

091415-D534-F-D-M

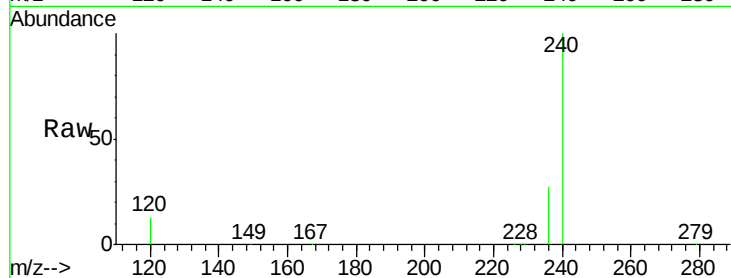
Tgt Ion:228 Resp: 995

Ion Ratio Lower Upper

228 100

226 21.9 24.2 36.4#

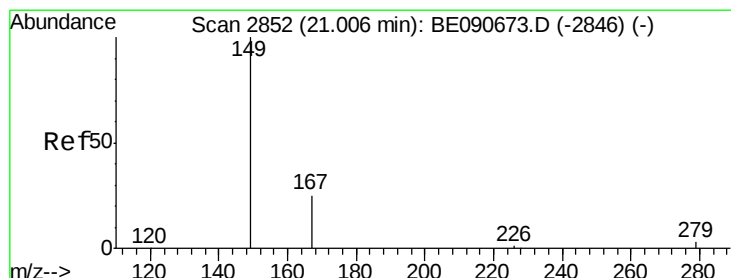
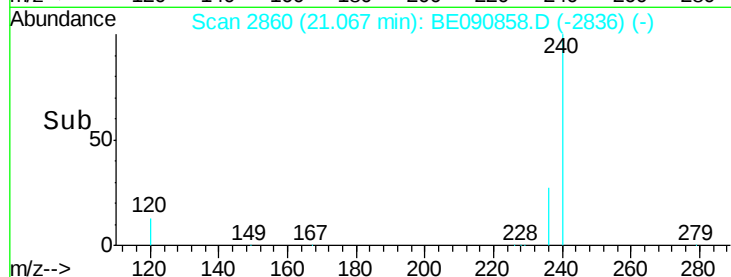
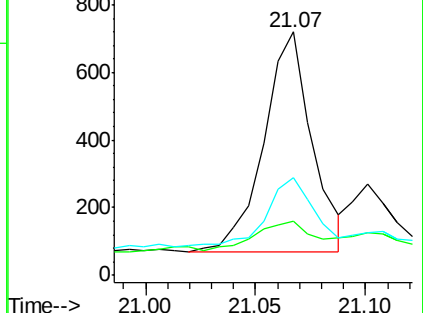
229 40.3 15.3 22.9#



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.21 ng

RT: 20.99 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BE090858.D

Acq: 17 Sep 2015 10:26

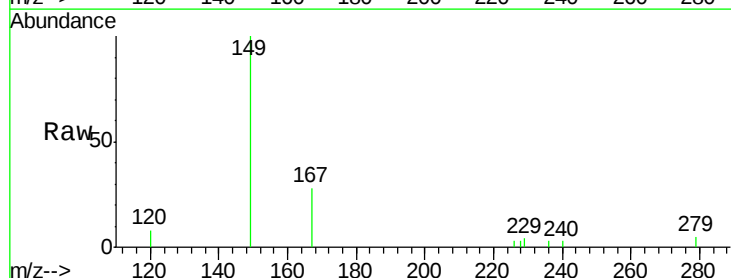
Tgt Ion:149 Resp: 2638

Ion Ratio Lower Upper

149 100

167 25.0 20.1 30.1

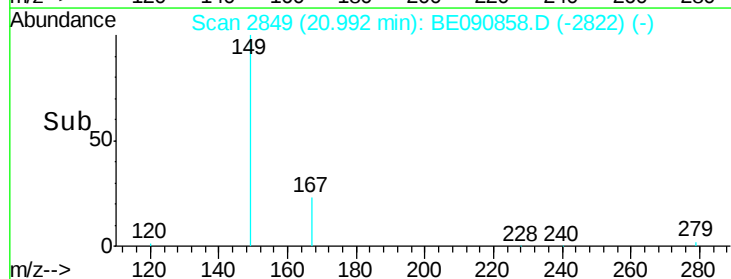
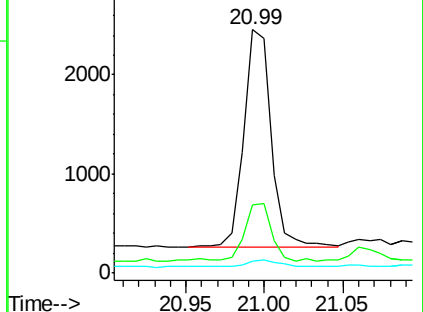
279 3.2 2.3 3.5



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

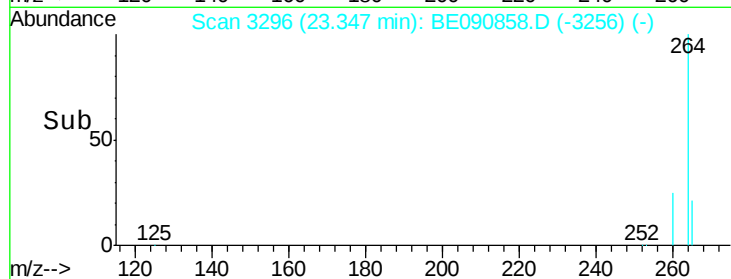
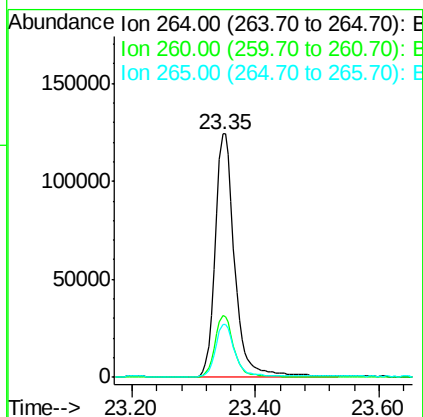




#32
Perylene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3296
 Delta R.T. -0.02 min
 Lab File: BE090858.D
 Acq: 17 Sep 2015 10:26

Instrument :
 BNA_E
 ClientSampleId :
 091415-D534-F-D-M

Tgt Ion: 264 Resp: 273893
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.7 29.5
 265 21.6 17.5 26.3



#36
Dibenzo(a,h)anthracene
 Concen: 0.14 ng
 RT: 25.75 min Scan# 3819
 Delta R.T. -0.00 min
 Lab File: BE090858.D
 Acq: 17 Sep 2015 10:26

Tgt Ion: 278 Resp: 35
 Ion Ratio Lower Upper
 278 100
 139 143.4 15.4 23.0#
 279 125.0 18.8 28.2#

