

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091015\
 Data File : BE090770.D
 Acq On : 10 Sep 2015 20:33
 Operator : UM/IZ
 Sample : G3598-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 090815-D534-F-U-B

Quant Time: Sep 11 02:53:41 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	7.55	152	41696	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	185699	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	97178	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	239144	5.00	ng	0.00
25) Chrysene-d12	21.07	240	286577	5.00	ng	0.00
32) Perylene-d12	23.36	264	259700	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.18	112	28319	3.49	ng	0.00
5) Phenol-d6	6.75	99	24839	2.14	ng	0.00
7) Nitrobenzene-d5	8.71	82	47201	3.85	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	23844	8.35	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	105979	3.94	ng	0.00
27) Terphenyl-d14	19.53	244	182096	5.74	ng	-0.01

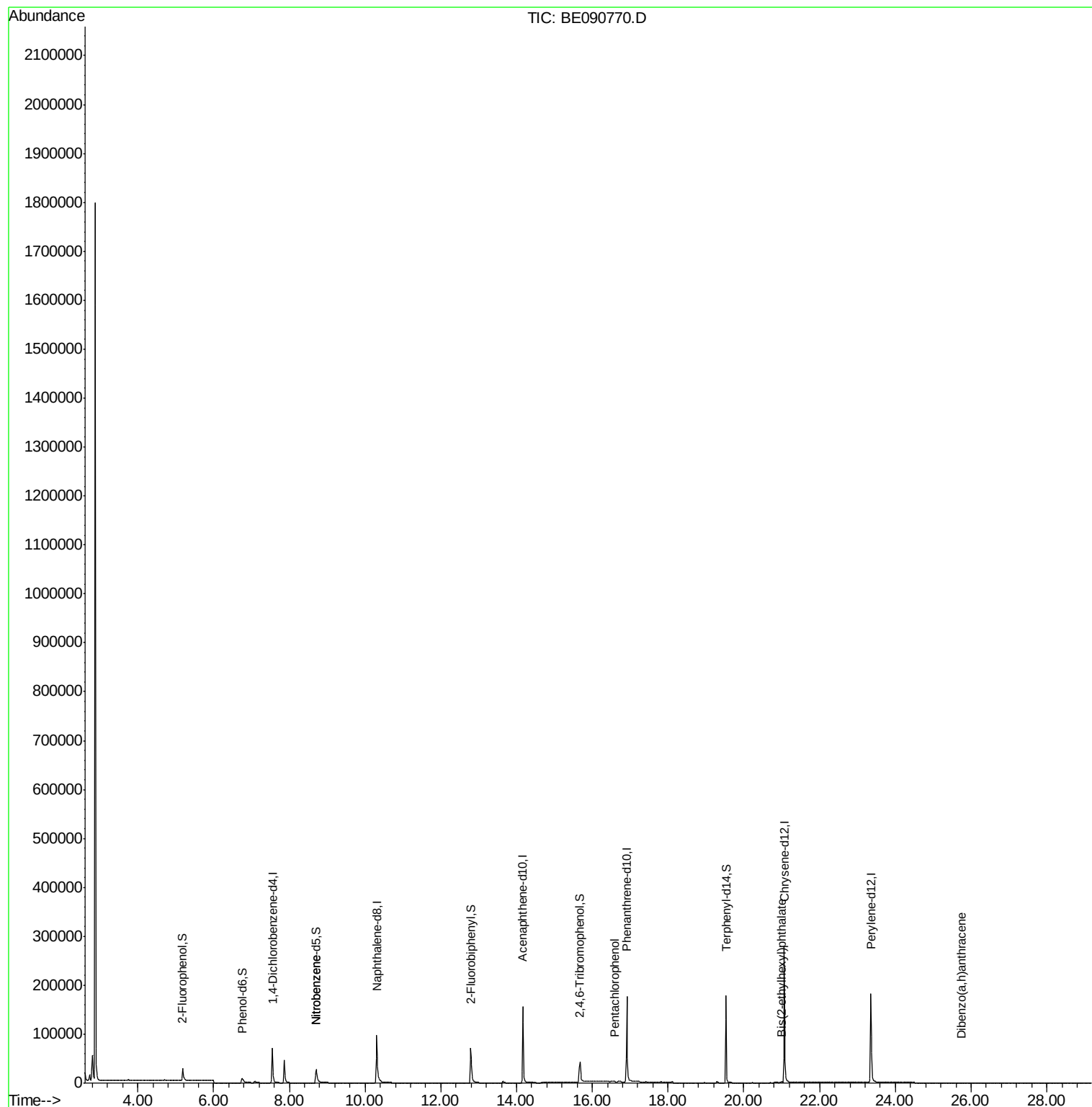
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	83	Below Cal	#	1
3) n-Nitrosodimethylamine	3.45	42	146	Below Cal	#	1
8) Nitrobenzene	8.72	77	154	0.12	ng	55
20) Hexachlorobenzene	16.25	284	21	Below Cal	#	1
21) Pentachlorophenol	16.60	266	41	0.47	ng	63
29) Chrysene	21.07	228	1042	Below Cal	#	74
30) Bis(2-ethylhexyl)phthalate	21.00	149	2114	0.19	ng	97
36) Dibenzo(a,h)anthracene	25.76	278	40	0.14	ng	1

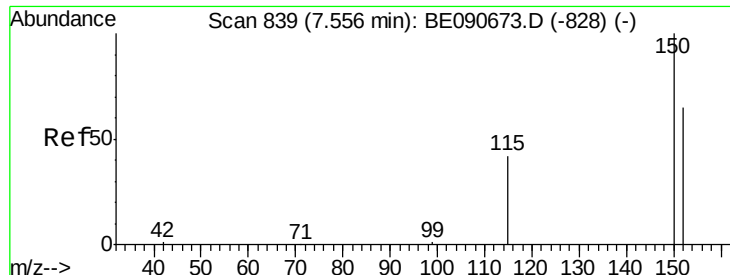
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091015\
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Quant Time: Sep 11 02:53:41 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: 7.55 min Scan# 838

Delta R.T. -0.01 min

Lab File: BE090770.D

Acq: 10 Sep 2015 20:33

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-U-B

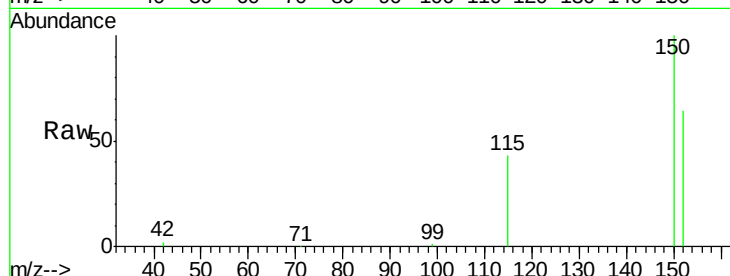
Tot Ion:152 Resp: 41696

Ion Ratio Lower Upper

152 100

150 155.5 122.2 183.4

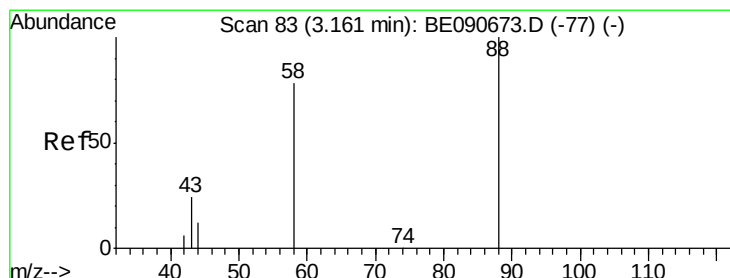
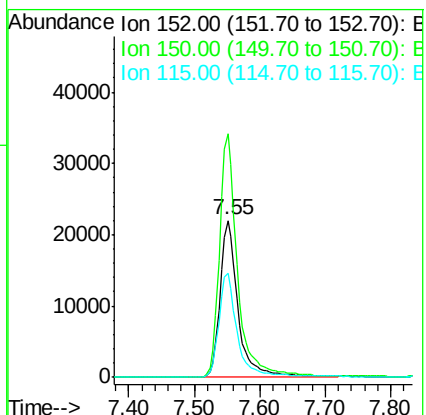
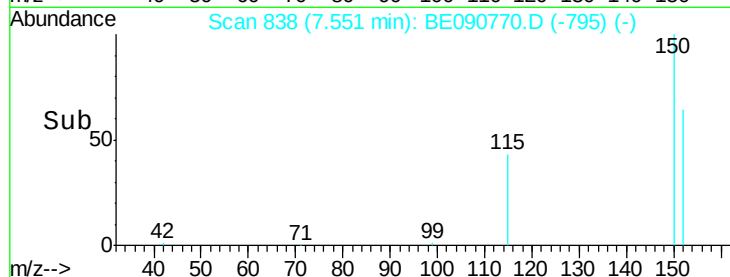
115 66.8 51.0 76.4



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



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.26 min Scan# 97

Delta R.T. 0.10 min

Lab File: BE090770.D

Acq: 10 Sep 2015 20:33

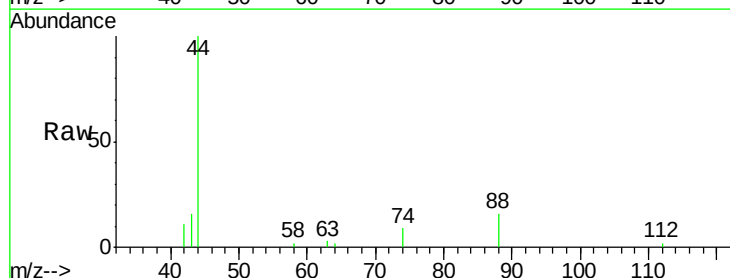
Tgt Ion: 88 Resp: 83

Ion Ratio Lower Upper

88 100

58 15.7 68.4 102.6#

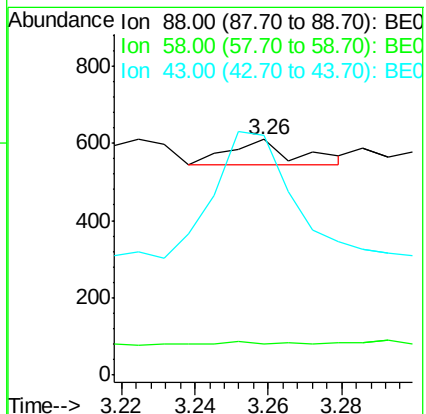
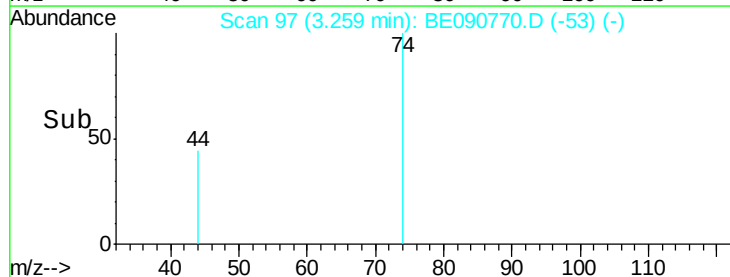
43 602.4 26.9 40.3#

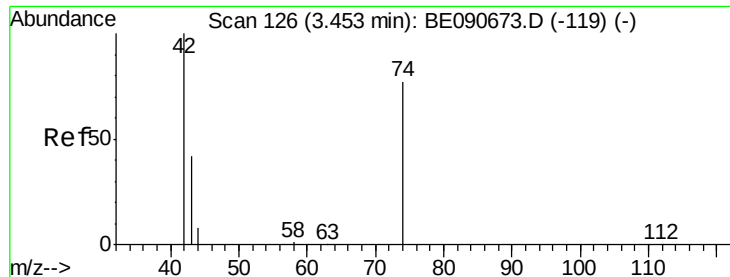


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



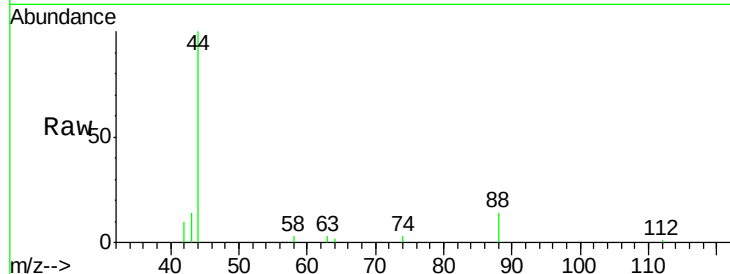


#3

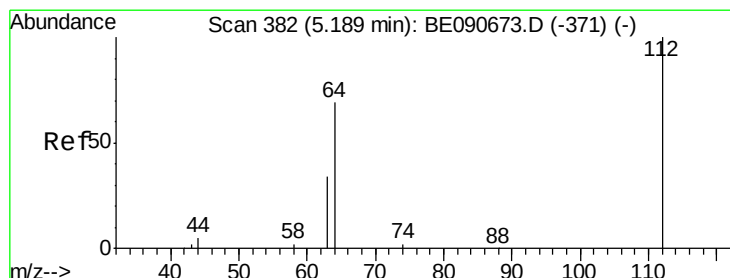
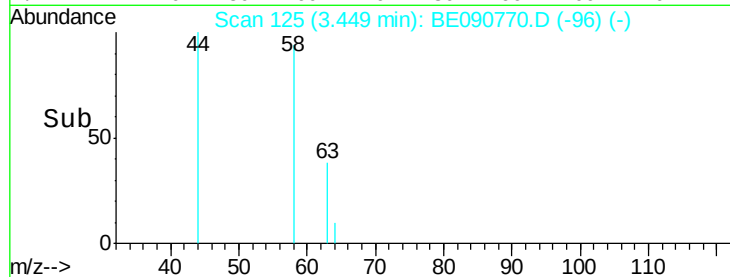
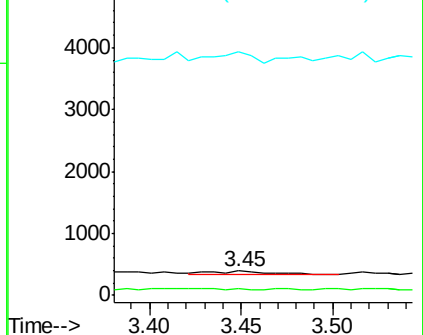
n-Nitrosodimethylamine
 Concen: Below Cal
 RT: 3.45 min Scan# 125
 Delta R.T. -0.00 min
 Lab File: BE090770.D
 Acq: 10 Sep 2015 20:33

Instrument :
 BNA_E
 ClientSampleId :
 090815-D534-F-U-B

Tot Ion: 42 Resp: 146
 Ion Ratio Lower Upper
 42 100
 74 0.0 83.7 125.5#
 44 128.8 10.0 15.0#



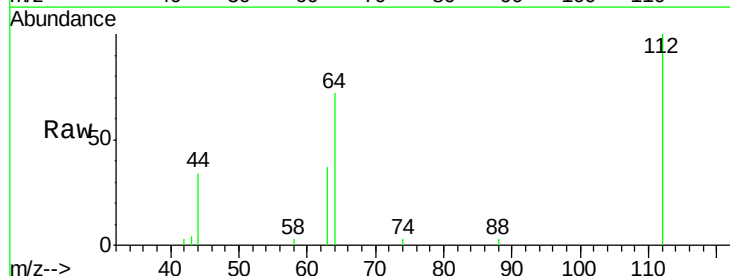
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



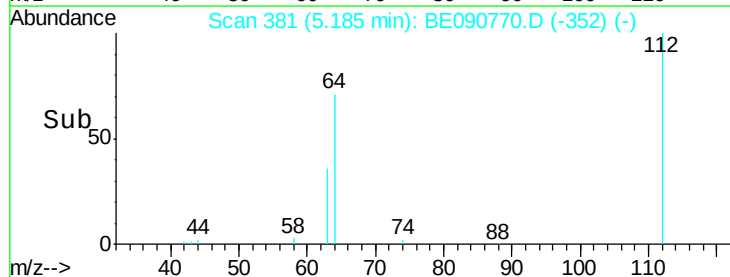
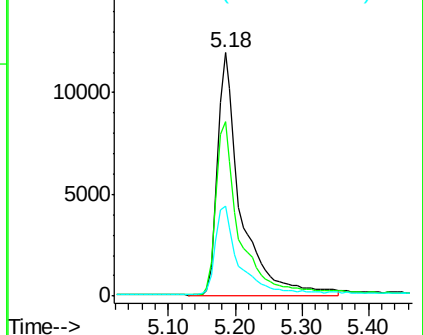
#4

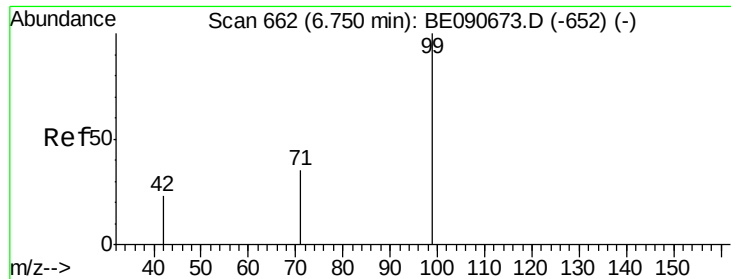
2-Fluorophenol
 Concen: 3.49 ng
 RT: 5.18 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: BE090770.D
 Acq: 10 Sep 2015 20:33

Tgt Ion: 112 Resp: 28319
 Ion Ratio Lower Upper
 112 100
 64 71.9 57.3 85.9
 63 36.7 29.2 43.8



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: 2.14 ng

RT: 6.75 min Scan# 662

Delta R.T. -0.00 min

Lab File: BE090770.D

Acq: 10 Sep 2015 20:33

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-U-B

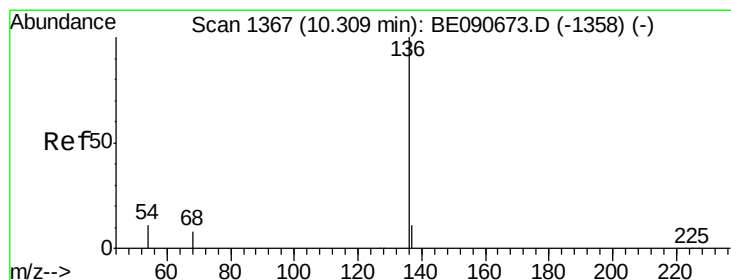
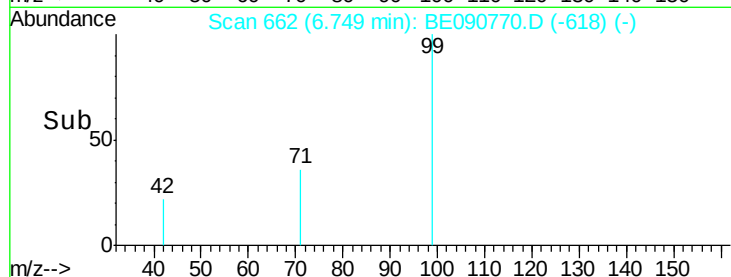
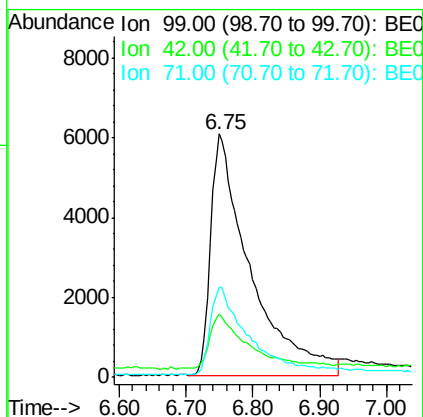
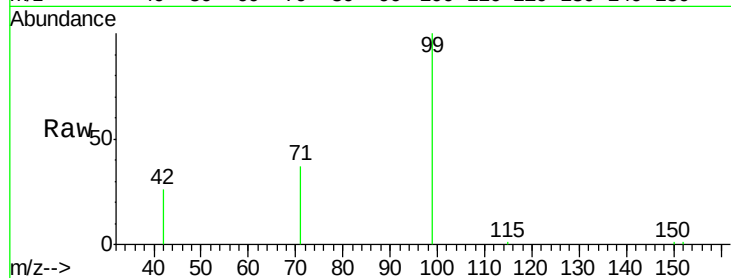
Tot Ion: 99 Resp: 24839

Ion Ratio Lower Upper

99 100

42 20.7 16.8 25.2

71 35.2 28.3 42.5



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE090770.D

Acq: 10 Sep 2015 20:33

Tgt Ion: 136 Resp: 185699

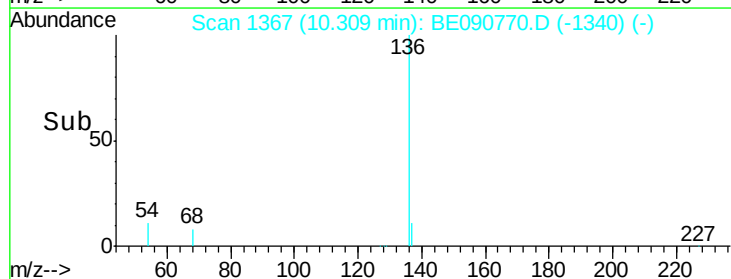
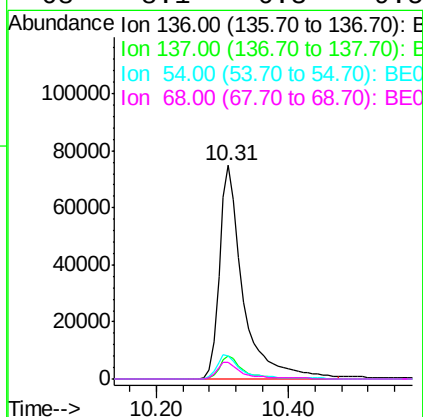
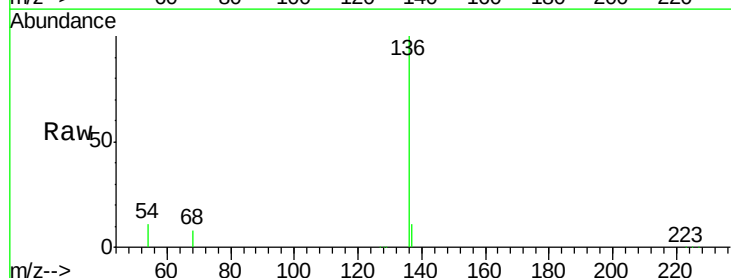
Ion Ratio Lower Upper

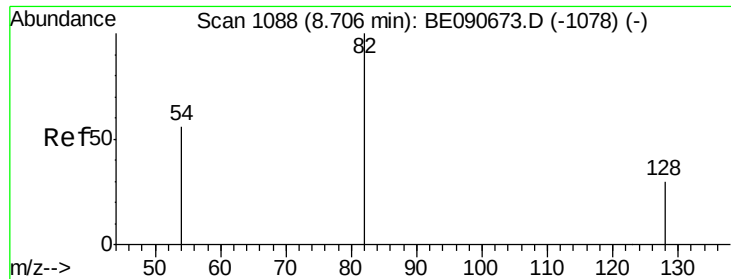
136 100

137 10.9 8.7 13.1

54 11.0 9.0 13.6

68 8.1 6.3 9.5





#7

Nitrobenzene-d5

Concen: 3.85 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BE090770.D

Acq: 10 Sep 2015 20:33

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-U-B

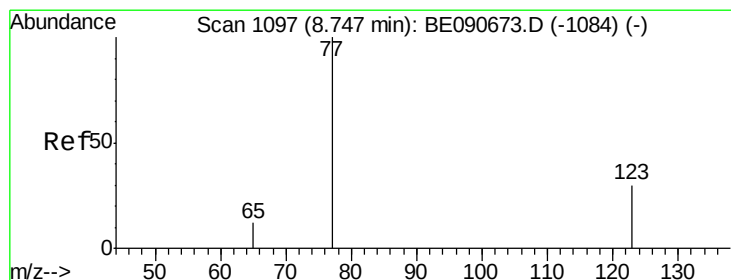
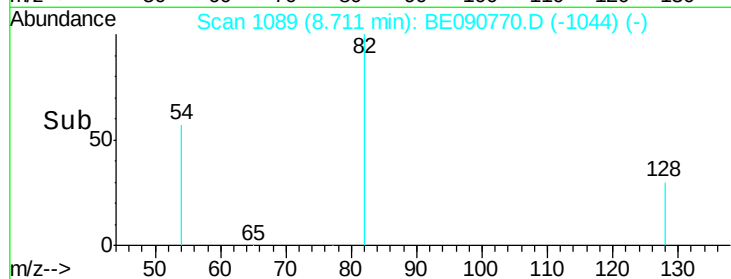
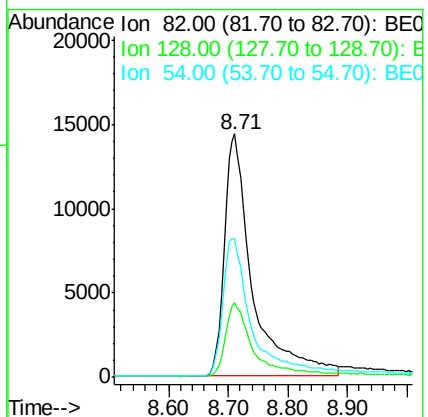
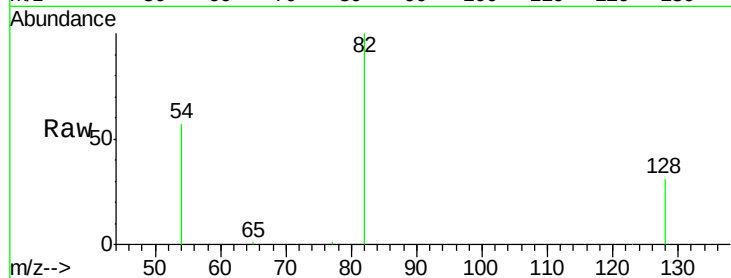
Tot Ion: 82 Resp: 47201

Ion Ratio Lower Upper

82 100

128 30.6 25.0 37.4

54 56.9 46.3 69.5



#8

Nitrobenzene

Concen: 0.12 ng

RT: 8.72 min Scan# 1090

Delta R.T. -0.03 min

Lab File: BE090770.D

Acq: 10 Sep 2015 20:33

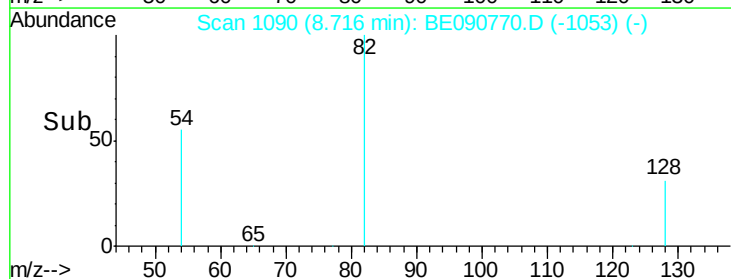
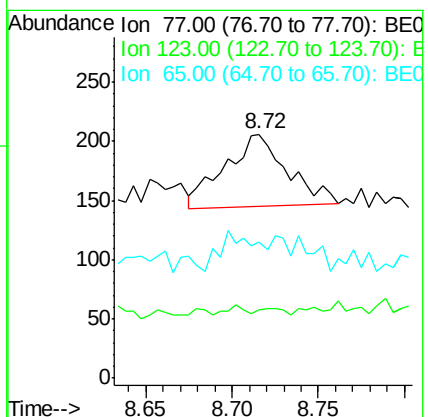
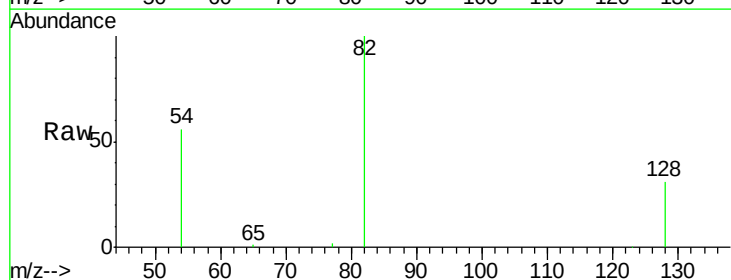
Tgt Ion: 77 Resp: 154

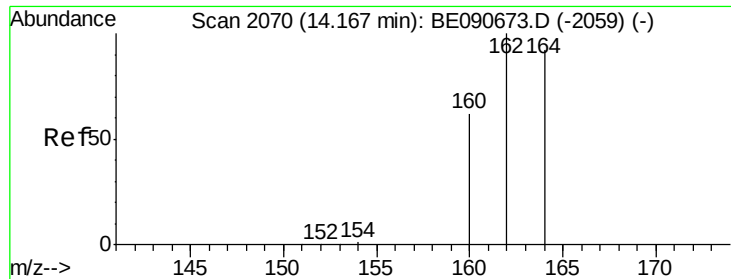
Ion Ratio Lower Upper

77 100

123 3.9 25.1 37.7#

65 0.0 9.9 14.9#





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090770.D

Acq: 10 Sep 2015 20:33

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-U-B

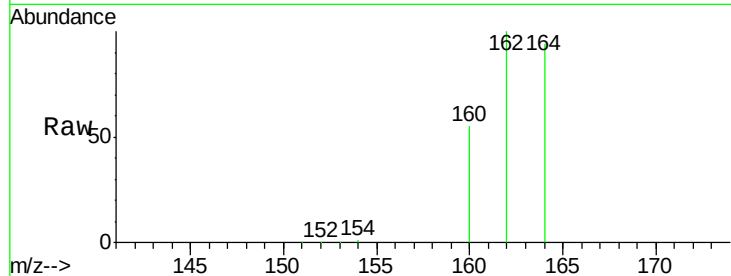
Tot Ion:164 Resp: 97178

Ion Ratio Lower Upper

164 100

162 106.3 86.8 130.2

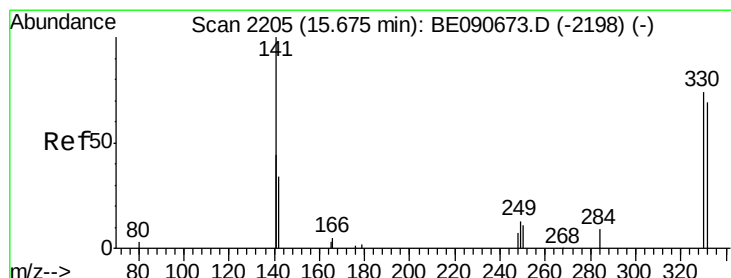
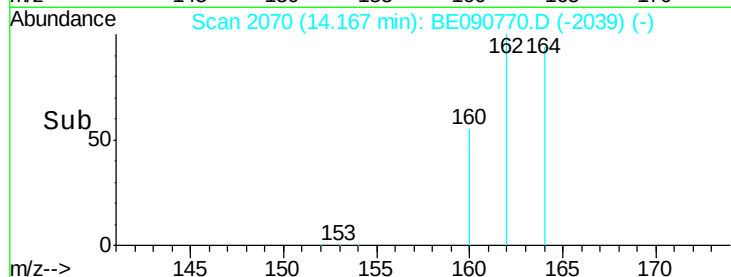
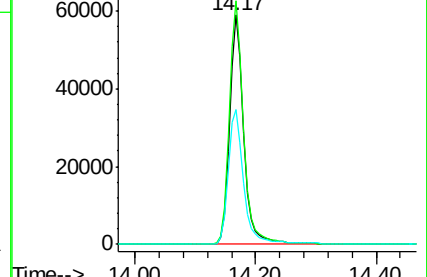
160 58.8 53.9 80.9



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: 8.35 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090770.D

Acq: 10 Sep 2015 20:33

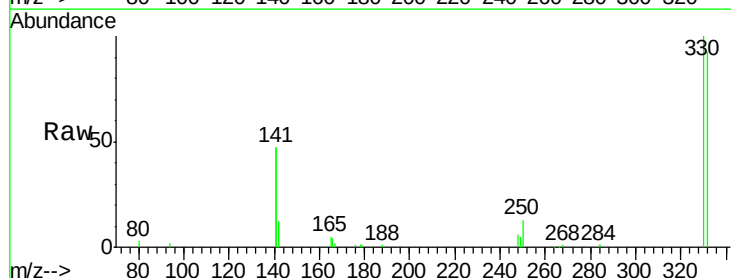
Tgt Ion:330 Resp: 23844

Ion Ratio Lower Upper

330 100

332 95.8 74.9 112.3

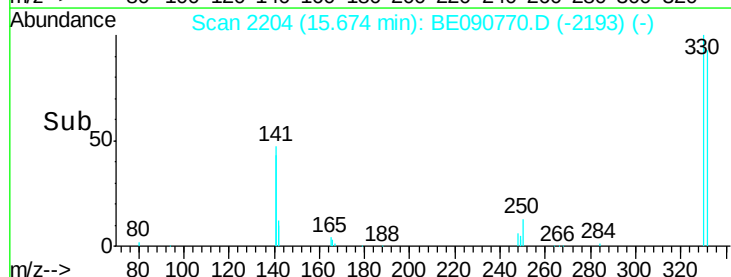
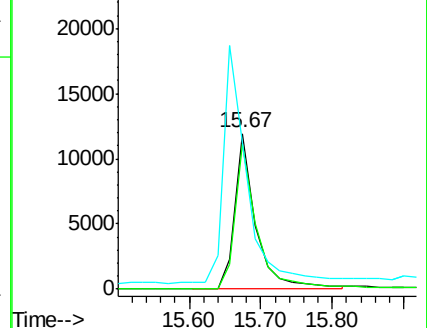
141 174.7 145.2 217.8

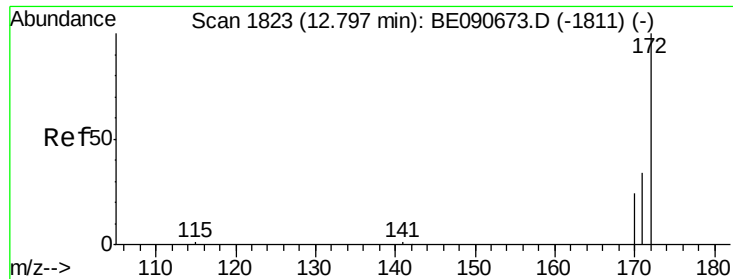


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

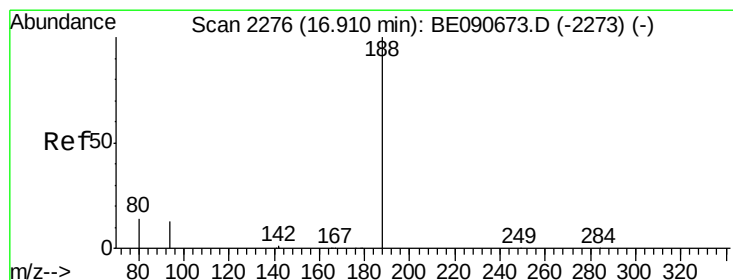
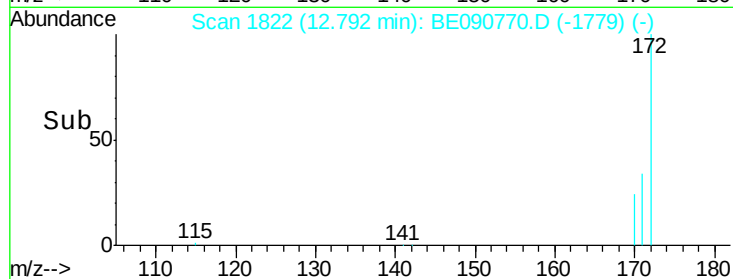
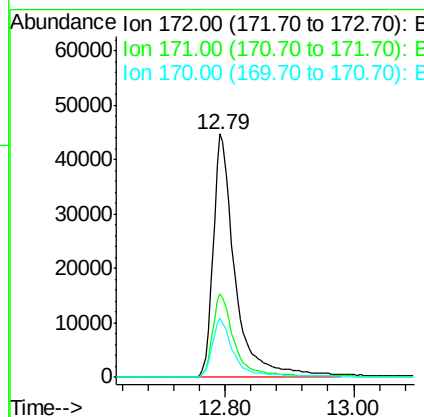
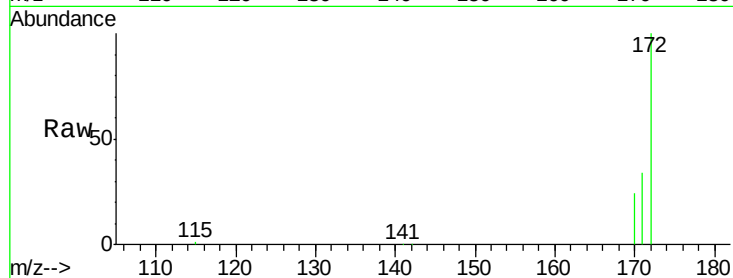




#14
2-Fluorobiphenyl
Concen: 3.94 ng
RT: 12.79 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BE090770.D
Acq: 10 Sep 2015 20:33

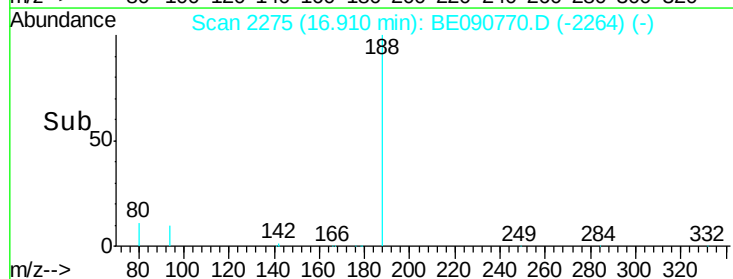
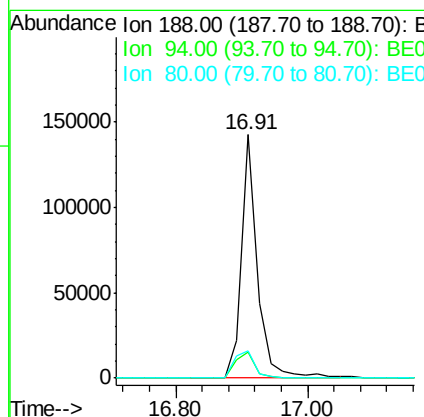
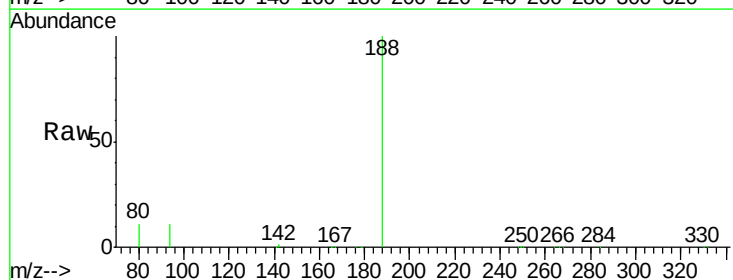
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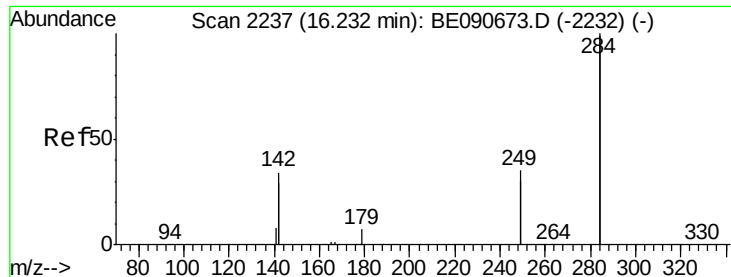
Tot Ion:172 Resp: 105979
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.8
170 24.3 19.8 29.6



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090770.D
Acq: 10 Sep 2015 20:33

Tgt Ion:188 Resp: 239144
Ion Ratio Lower Upper
188 100
94 10.5 10.3 15.5
80 11.3 11.0 16.6





#20

Hexachlorobenzene

Concen: Below Cal

RT: 16.25 min Scan# 2237

Delta R.T. 0.02 min

Lab File: BE090770.D

Acq: 10 Sep 2015 20:33

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-U-B

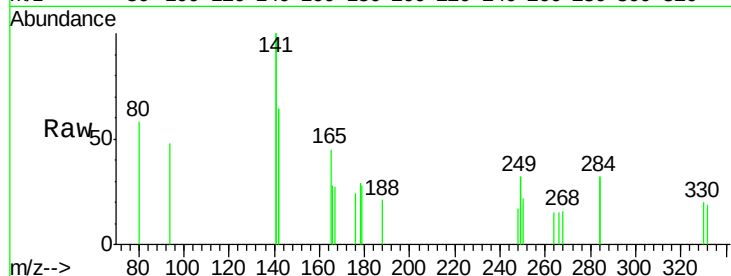
Tot Ion:284 Resp: 21

Ion Ratio Lower Upper

284 100

142 0.0 35.0 52.4#

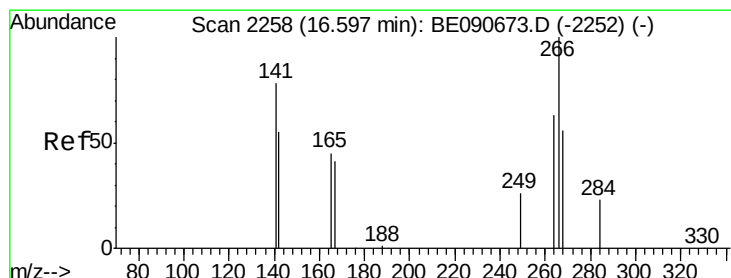
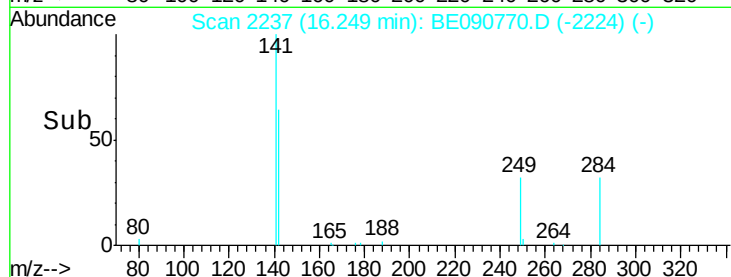
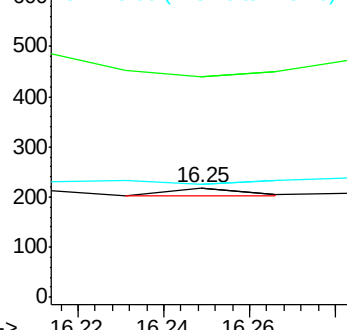
249 128.6 25.5 38.3#



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: 16.60 min Scan# 2257

Delta R.T. -0.00 min

Lab File: BE090770.D

Acq: 10 Sep 2015 20:33

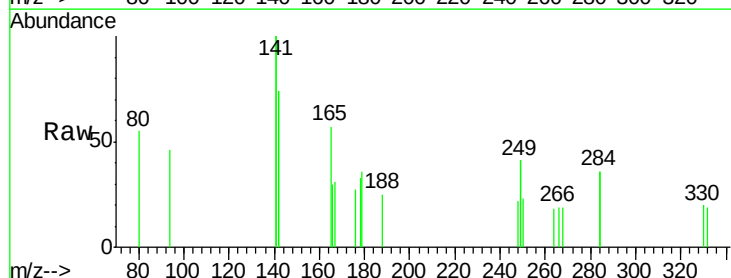
Tgt Ion:266 Resp: 41

Ion Ratio Lower Upper

266 100

268 96.6 49.6 74.4#

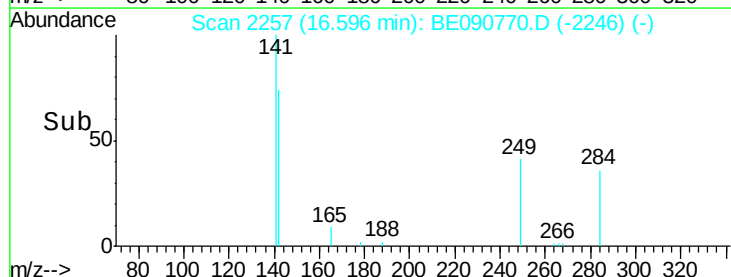
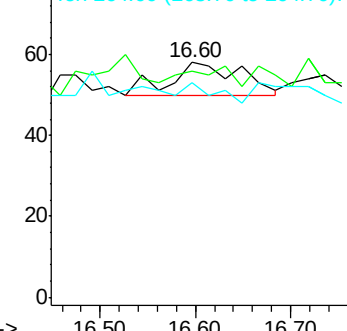
264 91.4 53.9 80.9#

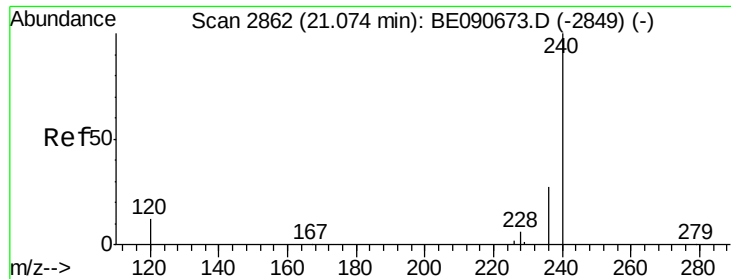


Abundance Ion 265.70 (265.40 to 266.40): E

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: BE090770.D

Acq: 10 Sep 2015 20:33

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-U-B

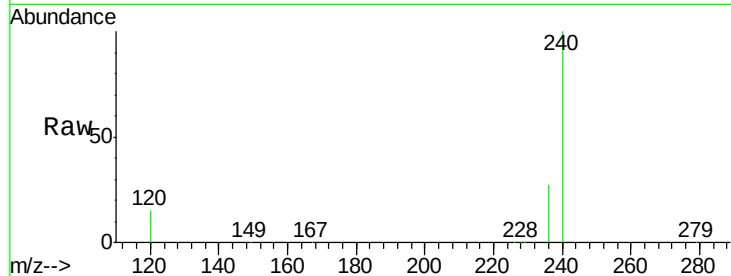
Tot Ion:240 Resp: 286577

Ion Ratio Lower Upper

240 100

120 15.2 10.1 15.1#

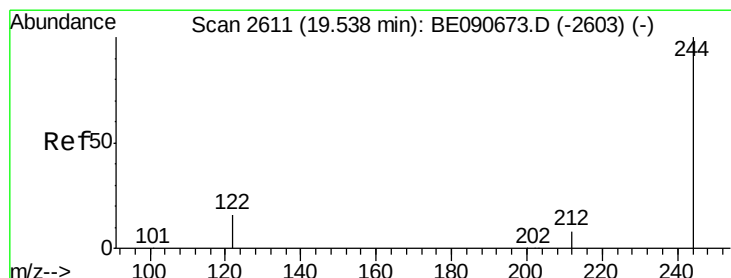
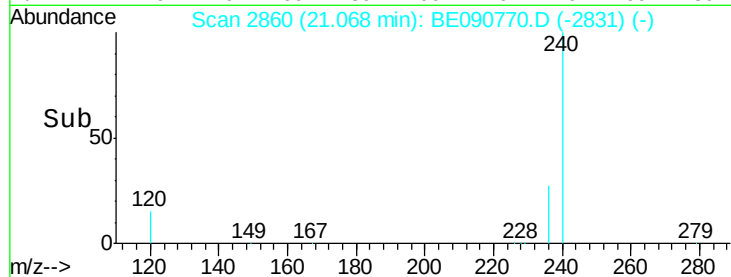
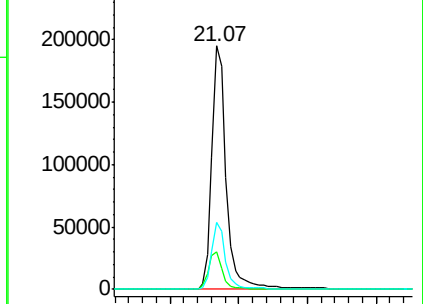
236 27.4 21.9 32.9



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



#27

Terphenyl-d14

Concen: 5.74 ng

RT: 19.53 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BE090770.D

Acq: 10 Sep 2015 20:33

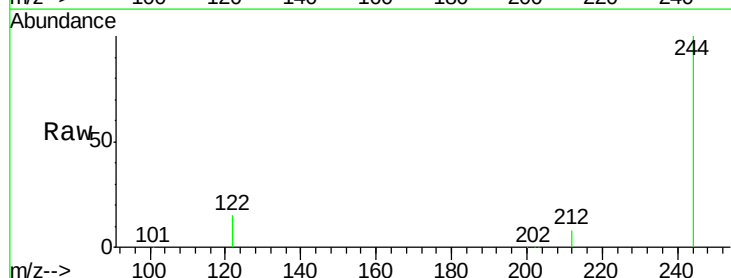
Tgt Ion:244 Resp: 182096

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

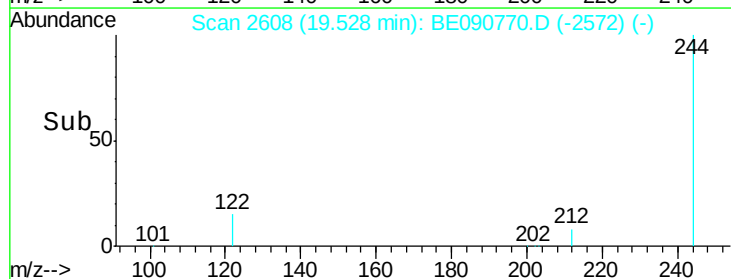
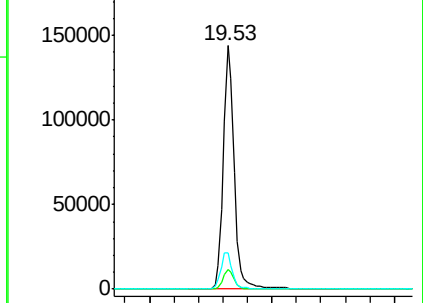
122 14.8 12.9 19.3

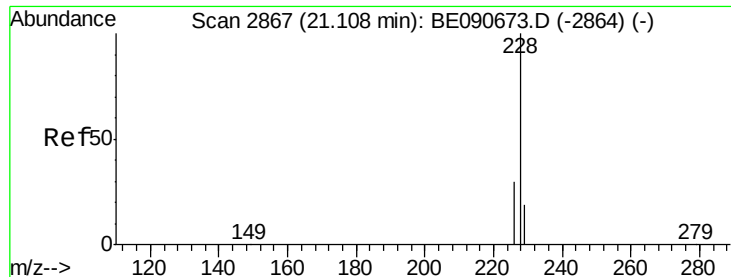


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Chrysene

Concen: Below Cal

RT: 21.07 min Scan# 2860

Delta R.T. -0.04 min

Lab File: BE090770.D

Acq: 10 Sep 2015 20:33

Instrument :

BNA_E

ClientSampleId :

090815-D534-F-U-B

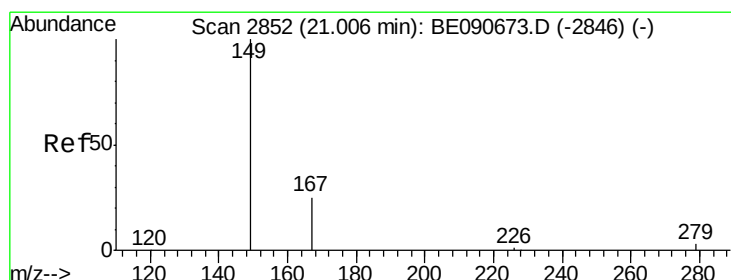
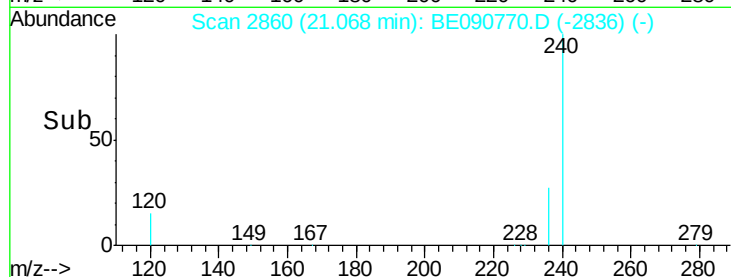
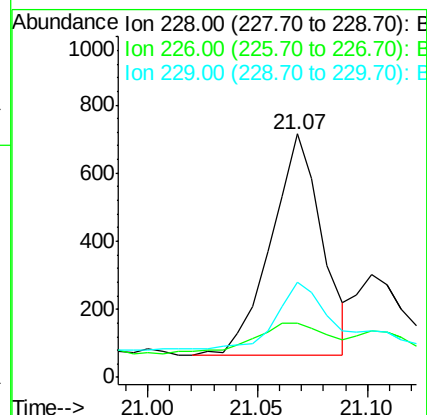
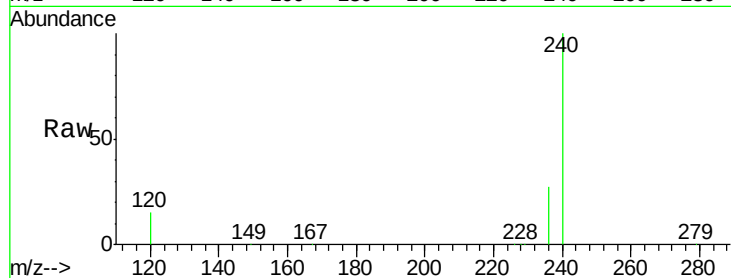
Tot Ion:228 Resp: 1042

Ion Ratio Lower Upper

228 100

226 22.4 24.2 36.4#

229 39.3 15.3 22.9#



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.19 ng

RT: 21.00 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090770.D

Acq: 10 Sep 2015 20:33

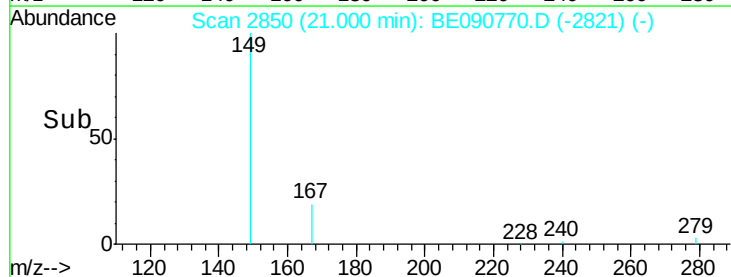
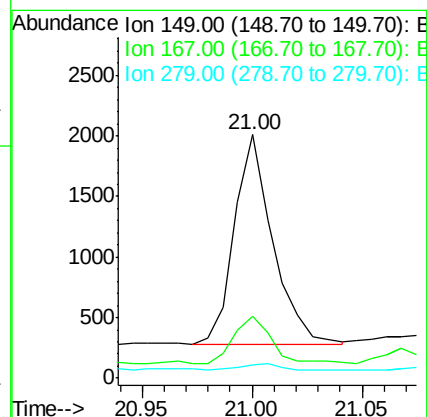
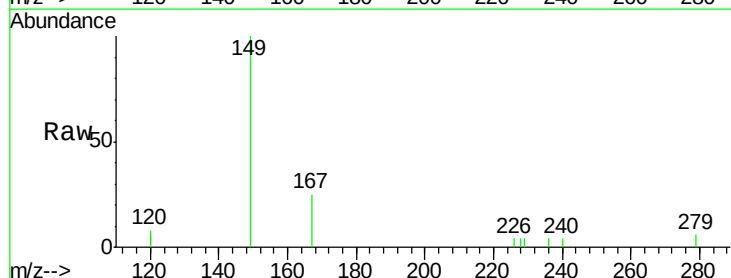
Tgt Ion:149 Resp: 2114

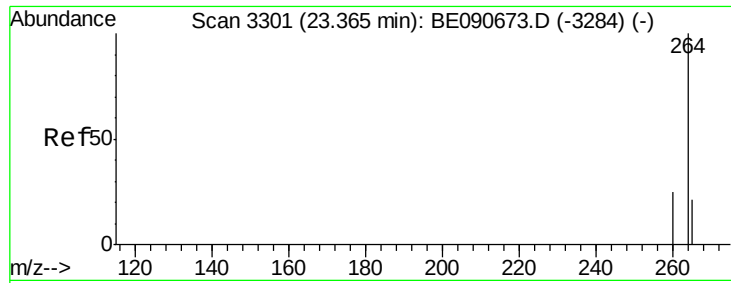
Ion Ratio Lower Upper

149 100

167 23.3 20.1 30.1

279 2.9 2.3 3.5

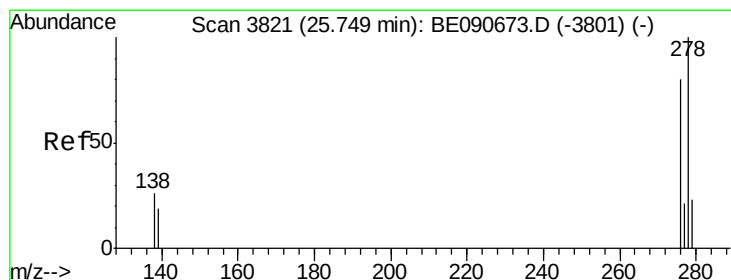
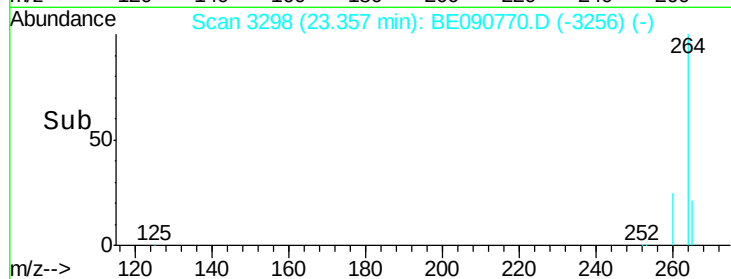
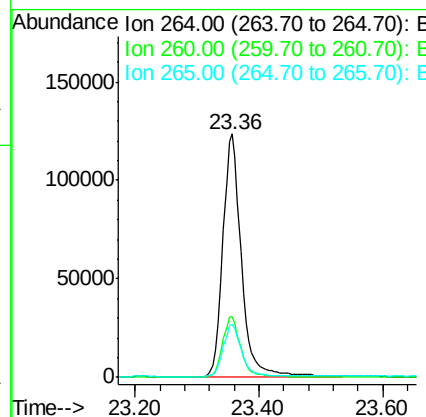
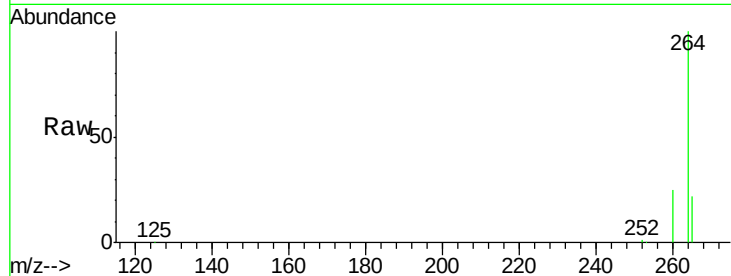




#32
Pervlene-d12
Concen: 5.00 ng
RT: 23.36 min Scan# 3298
Delta R.T. -0.01 min
Lab File: BE090770.D
Acq: 10 Sep 2015 20:33

Instrument :
BNA_E
ClientSampleId :
090815-D534-F-U-B

Tot Ion:264 Resp: 259700
Ion Ratio Lower Upper
264 100
260 24.8 19.7 29.5
265 21.8 17.5 26.3



#36
Dibenzo(a,h)anthracene
Concen: 0.14 ng
RT: 25.76 min Scan# 3822
Delta R.T. 0.01 min
Lab File: BE090770.D
Acq: 10 Sep 2015 20:33

Tgt Ion:278 Resp: 40
Ion Ratio Lower Upper
278 100
139 137.7 15.4 23.0#
279 114.3 18.8 28.2#

