

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081015\
 Data File : BE090407.D
 Acq On : 10 Aug 2015 18:23
 Operator : TP/UM
 Sample : G3133-01RE
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SUMP-3RE

Quant Time: Aug 11 03:40:03 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 06 12:28:08 2015
 Response via : Initial Calibration

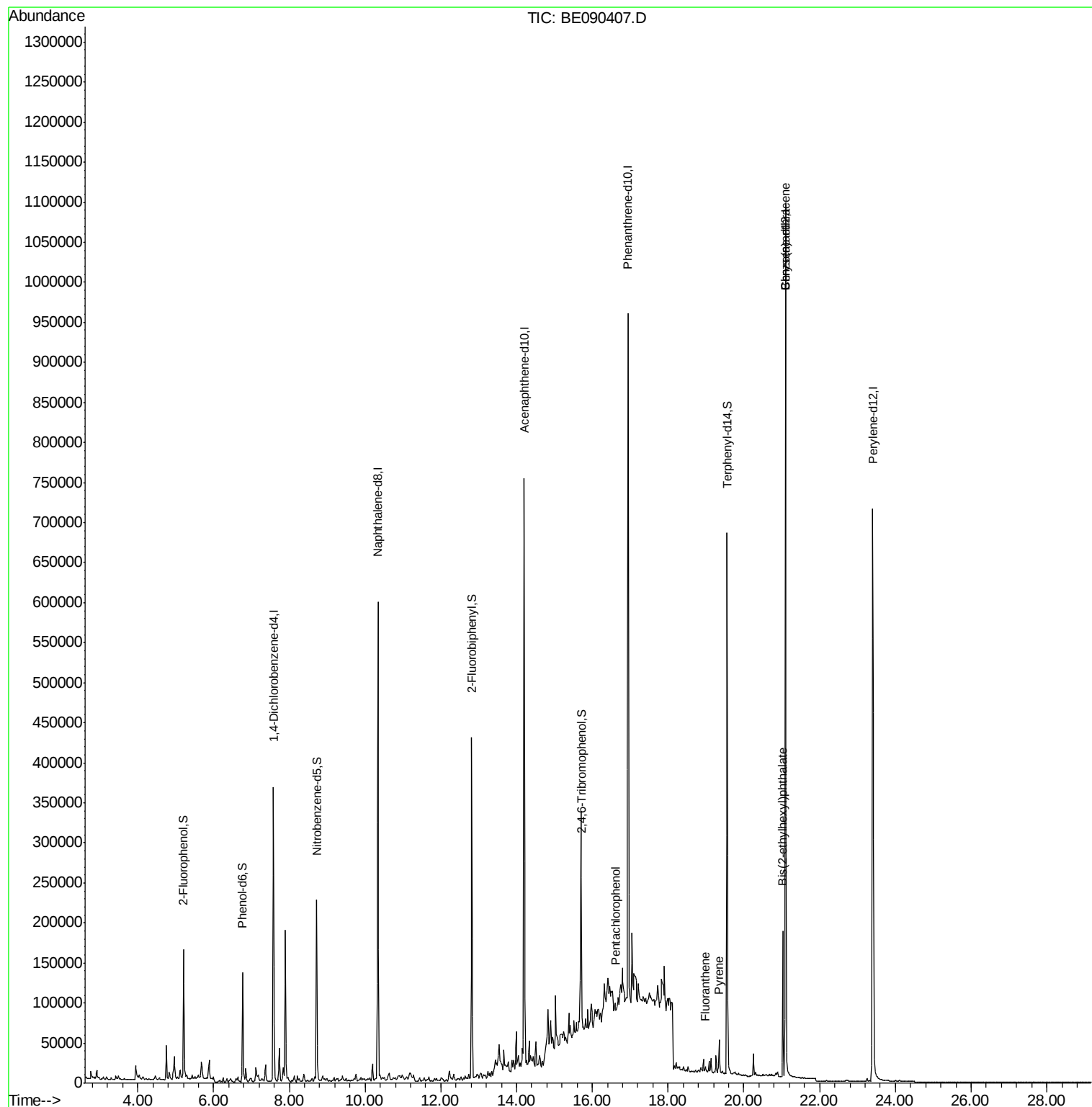
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	172610	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	760254	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	449519	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	919242	5.00	ng	0.00
25) Chrysene-d12	21.10	240	1049510	5.00	ng	0.00
32) Perylene-d12	23.41	264	1052476	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	120478	4.65	ng	0.00
5) Phenol-d6	6.77	99	150360	2.84	ng	0.00
7) Nitrobenzene-d5	8.72	82	195860	3.24	ng	-0.01
13) 2,4,6-Tribromophenol	15.71	330	127435	8.83	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	389214	3.15	ng	0.00
27) Terphenyl-d14	19.56	244	687739	4.45	ng	0.00
Target Compounds						
21) Pentachlorophenol	16.61	266	623	0.20	ng	Qvalue 89
24) Fluoranthene	18.98	202	6246	0.03	ng	# 84
26) Pyrene	19.35	202	40336	0.18	ng	# 94
28) Benzo(a)anthracene	21.10	228	5872	0.03	ng	# 75
30) Bis(2-ethylhexyl)phthalate	21.03	149	165192	2.48	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. -0.01 min

Lab File: BE090407.D

Acq: 10 Aug 2015 18:23

Instrument :

BNA_E

ClientSampleId :

SUMP-3RE

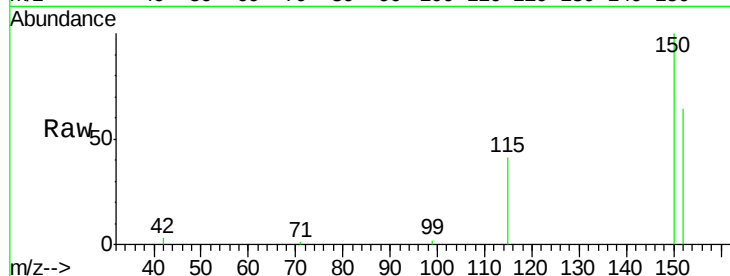
Tot Ion:152 Resp: 172610

Ion Ratio Lower Upper

152 100

150 156.9 123.0 184.4

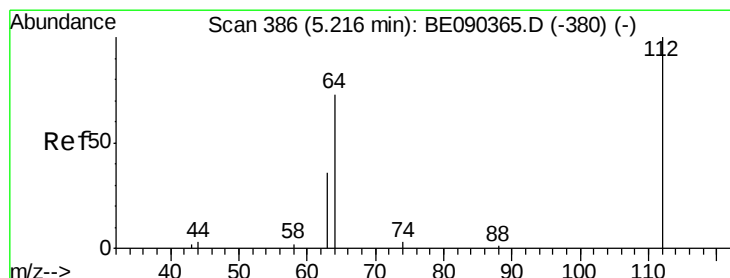
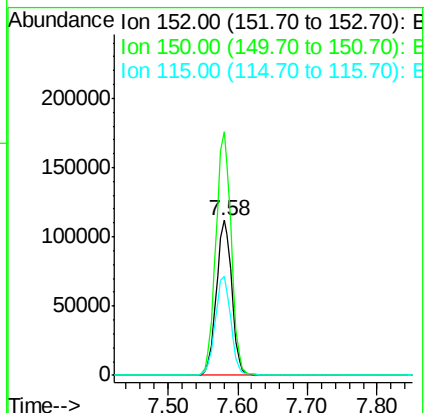
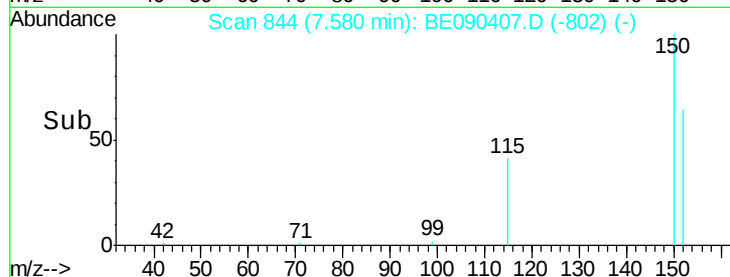
115 64.1 48.9 73.3



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: 4.65 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090407.D

Acq: 10 Aug 2015 18:23

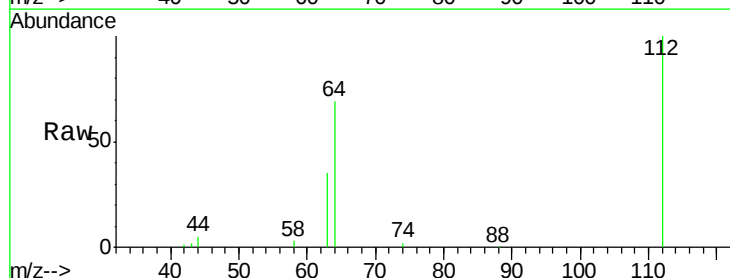
Tgt Ion:112 Resp: 120478

Ion Ratio Lower Upper

112 100

64 69.9 37.1 55.7#

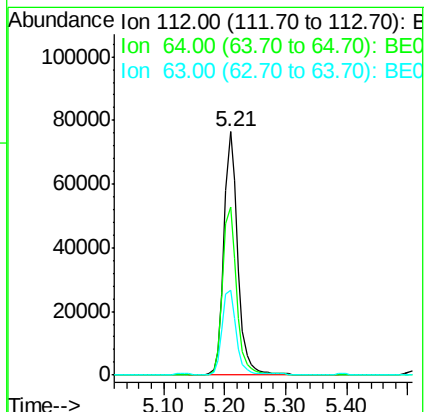
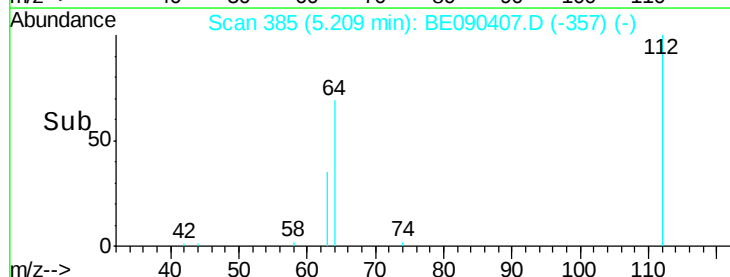
63 35.8 19.5 29.3#



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: 2.84 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090407.D

Acq: 10 Aug 2015 18:23

Instrument :

BNA_E

ClientSampleId :

SUMP-3RE

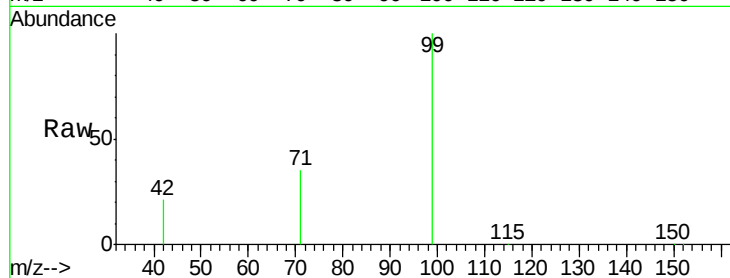
Tot Ion: 99 Resp: 150360

Ion Ratio Lower Upper

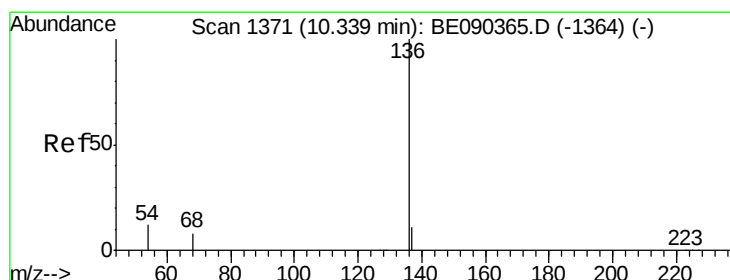
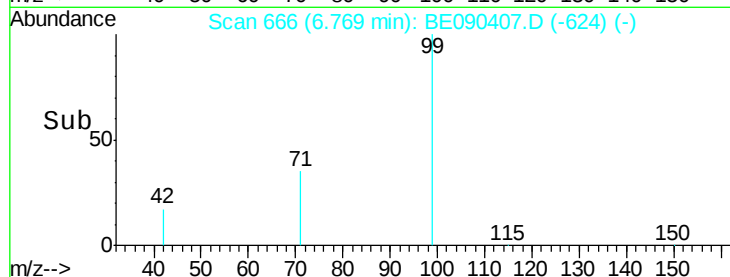
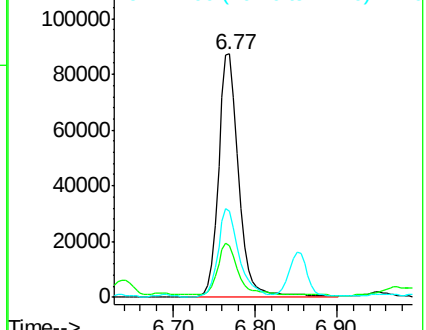
99 100

42 21.6 18.2 27.4

71 37.5 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. 0.00 min

Lab File: BE090407.D

Acq: 10 Aug 2015 18:23

Tgt Ion: 136 Resp: 760254

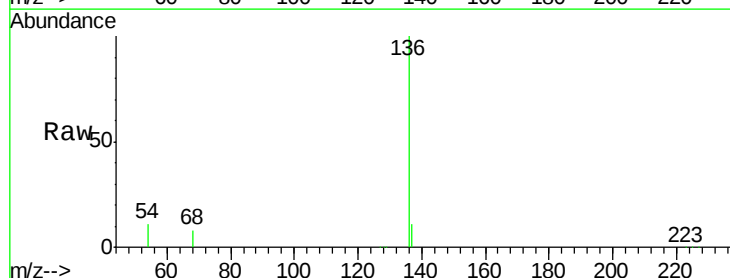
Ion Ratio Lower Upper

136 100

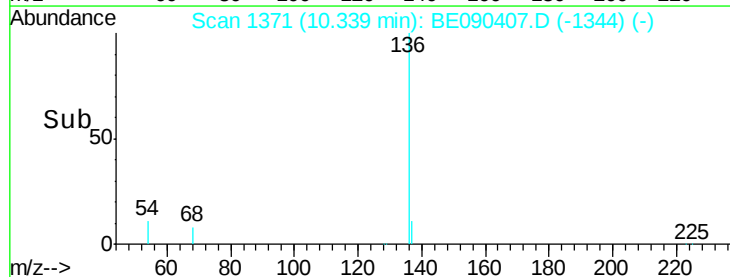
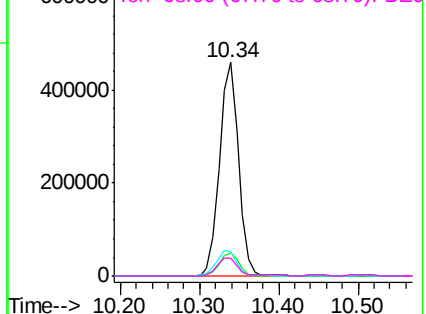
137 11.0 8.7 13.1

54 11.2 9.4 14.0

68 8.2 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: 3.24 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BE090407.D

Acq: 10 Aug 2015 18:23

Instrument :

BNA_E

ClientSampleId :

SUMP-3RE

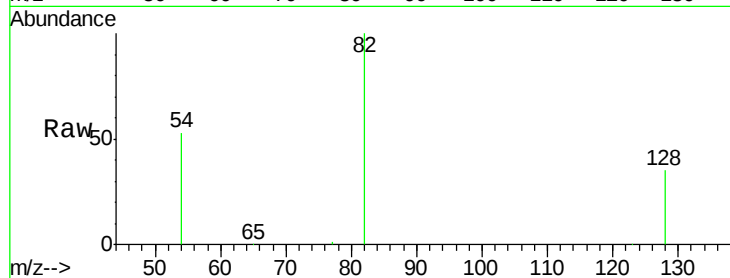
Tot Ion: 82 Resp: 195860

Ion Ratio Lower Upper

82 100

128 35.1 25.0 37.6

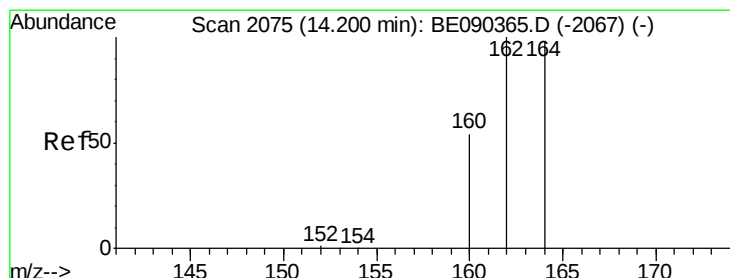
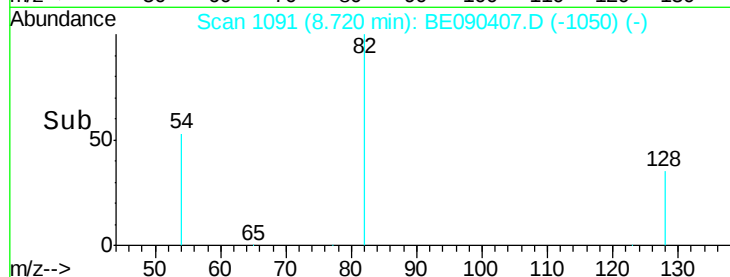
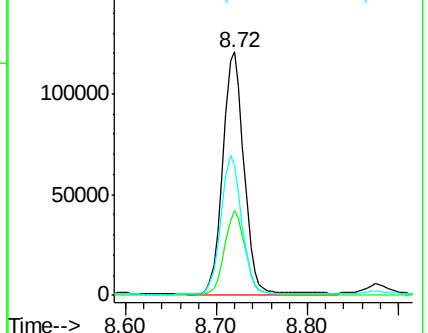
54 53.4 48.8 73.2



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BE090407.D

Acq: 10 Aug 2015 18:23

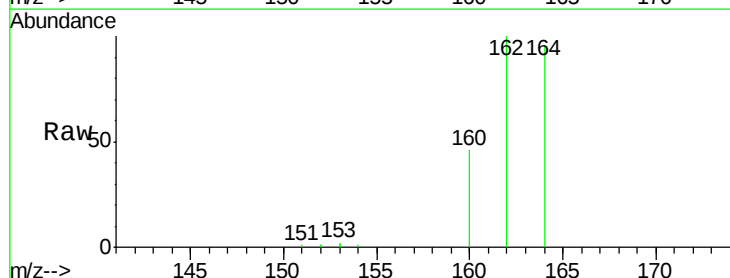
Tgt Ion: 164 Resp: 449519

Ion Ratio Lower Upper

164 100

162 104.0 81.8 122.8

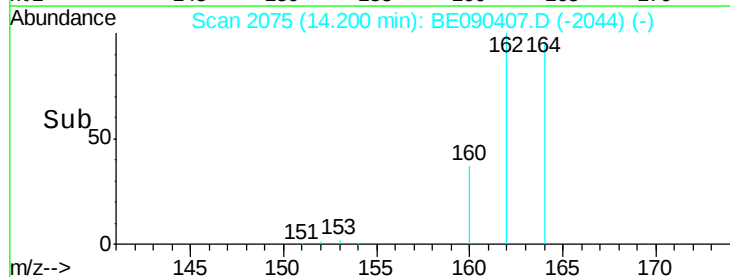
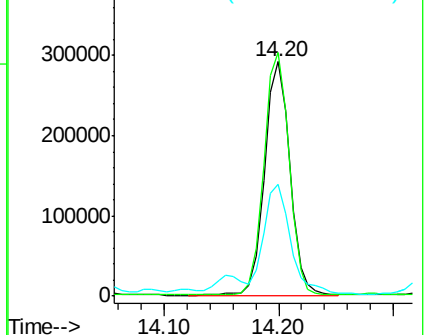
160 47.8 44.2 66.4

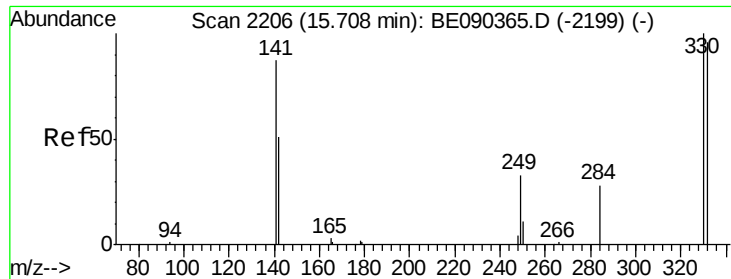


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

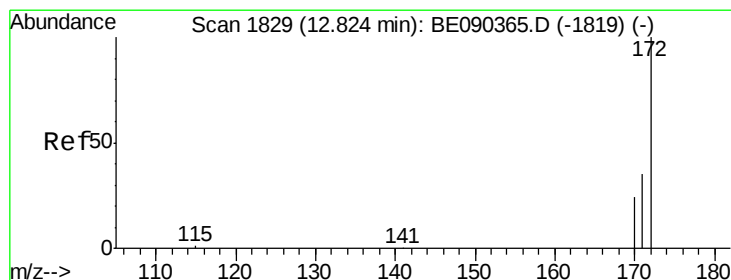
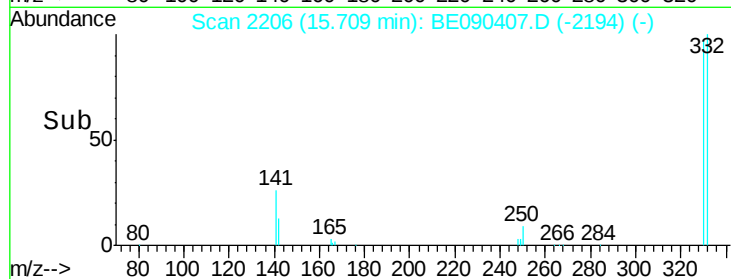
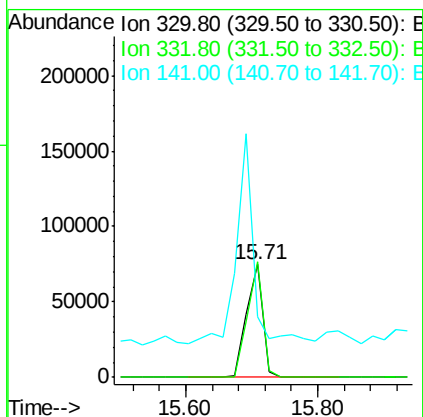
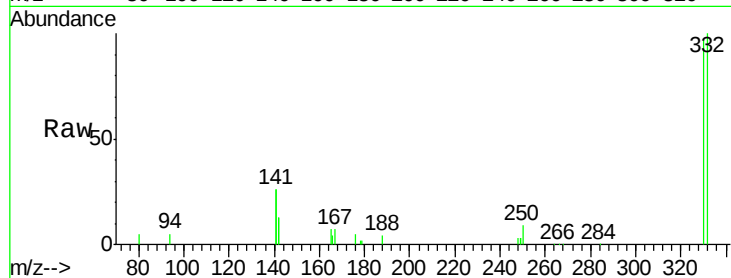




#13
 2,4,6-Tribromophenol
 Concen: 8.83 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BE090407.D
 Acq: 10 Aug 2015 18:23

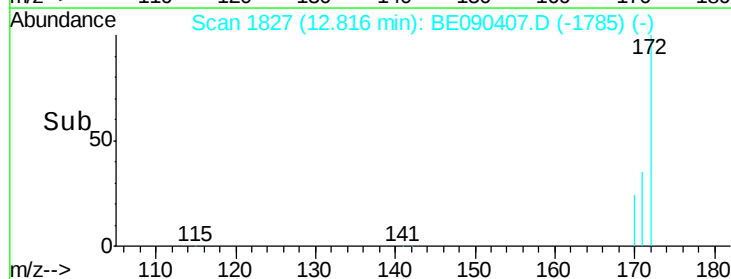
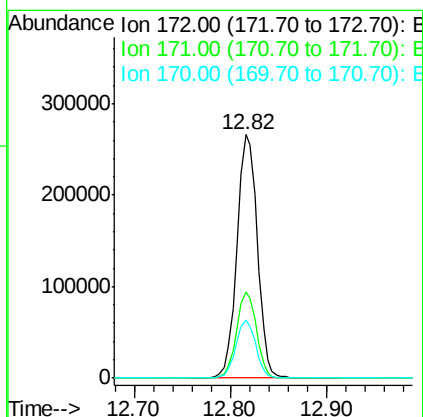
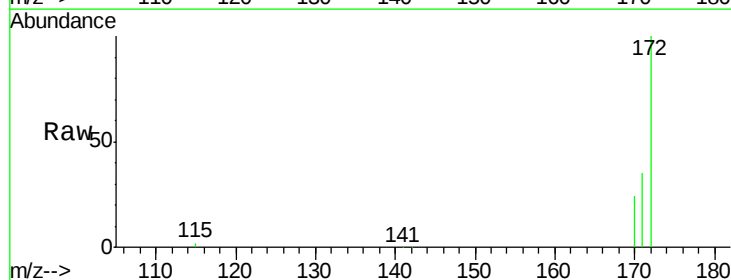
Instrument :
 BNA_E
 ClientSampleId :
 SUMP-3RE

Tot Ion:330 Resp: 127435
 Ion Ratio Lower Upper
 330 100
 332 98.2 75.8 113.6
 141 196.9 114.4 171.6#



#14
 2-Fluorobiphenyl
 Concen: 3.15 ng
 RT: 12.82 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BE090407.D
 Acq: 10 Aug 2015 18:23

Tgt Ion:172 Resp: 389214
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 24.1 19.8 29.8





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BE090407.D

Acq: 10 Aug 2015 18:23

Instrument :

BNA_E

ClientSampleId :

SUMP-3RE

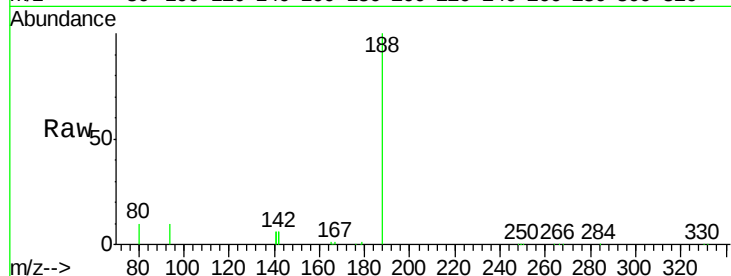
Tot Ion:188 Resp: 919242

Ion Ratio Lower Upper

188 100

94 9.7 5.7 8.5#

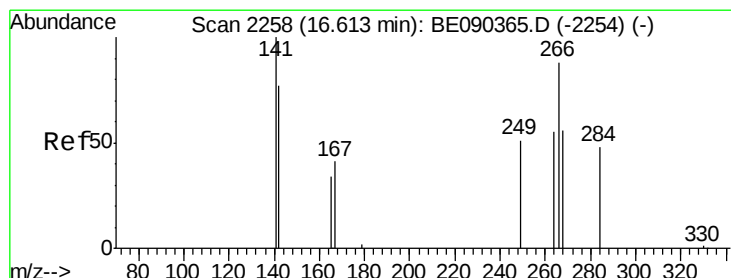
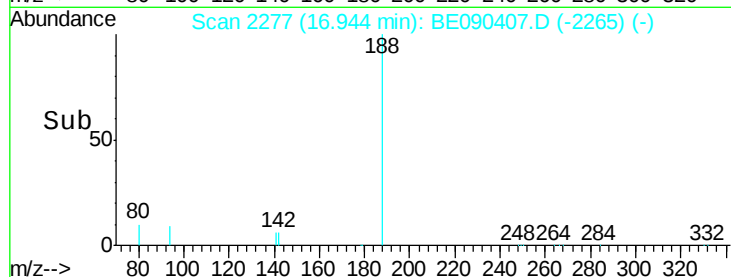
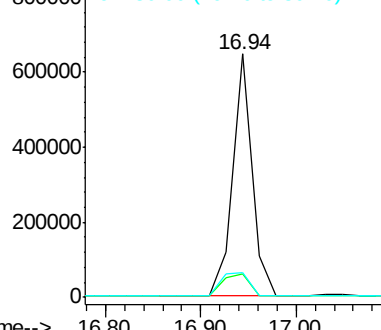
80 10.4 5.8 8.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#21

Pentachlorophenol

Concen: 0.20 ng

RT: 16.61 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BE090407.D

Acq: 10 Aug 2015 18:23

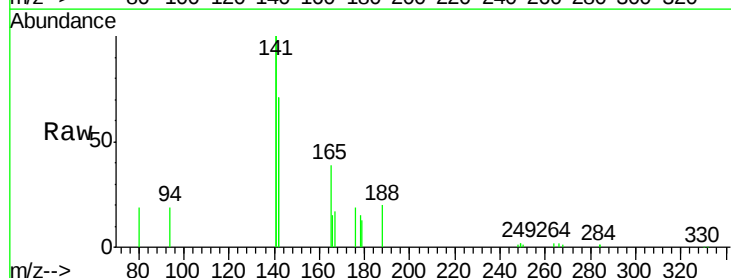
Tgt Ion:266 Resp: 623

Ion Ratio Lower Upper

266 100

268 68.6 58.5 87.7

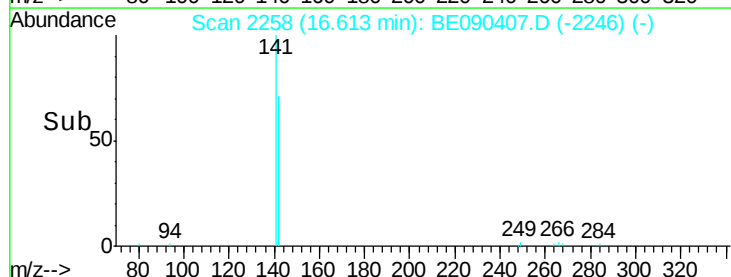
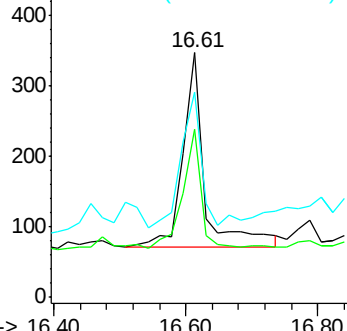
264 83.9 56.0 84.0

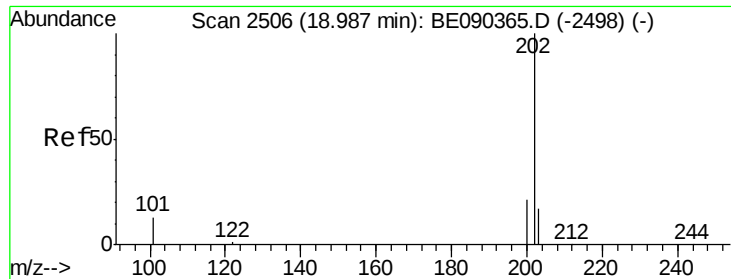


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#24

Fluoranthene

Concen: 0.03 ng

RT: 18.98 min Scan# 2505

Delta R.T. -0.01 min

Lab File: BE090407.D

Acq: 10 Aug 2015 18:23

Instrument :

BNA_E

ClientSampleId :

SUMP-3RE

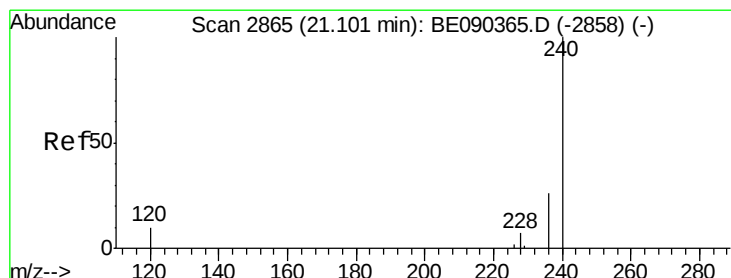
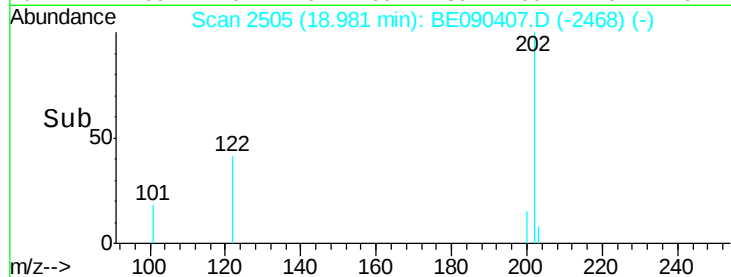
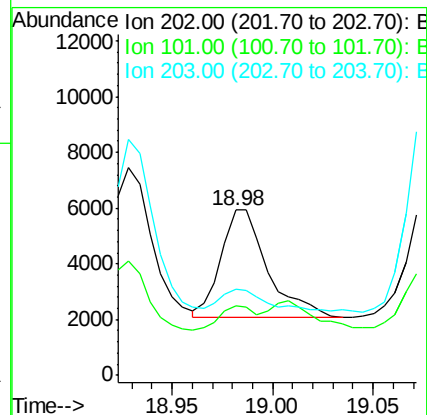
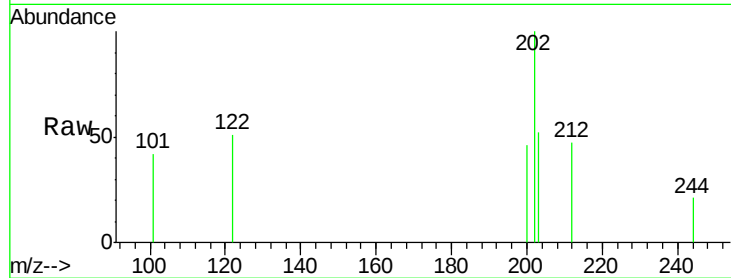
Tot Ion:202 Resp: 6246

Ion Ratio Lower Upper

202 100

101 17.2 10.3 15.5#

203 26.1 13.7 20.5#



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.10 min Scan# 2865

Delta R.T. -0.00 min

Lab File: BE090407.D

Acq: 10 Aug 2015 18:23

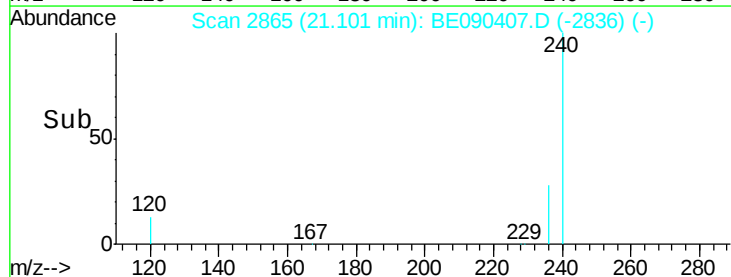
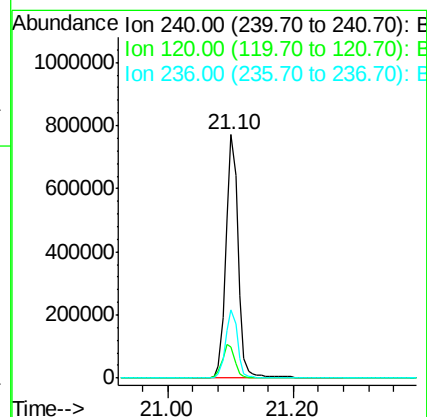
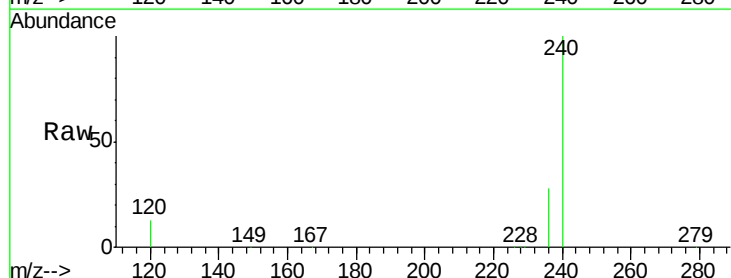
Tgt Ion:240 Resp: 1049510

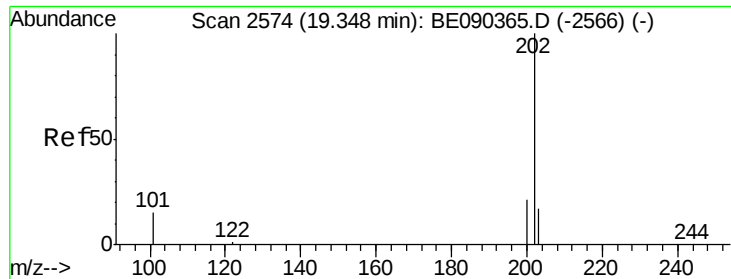
Ion Ratio Lower Upper

240 100

120 13.0 8.3 12.5#

236 28.2 21.0 31.4

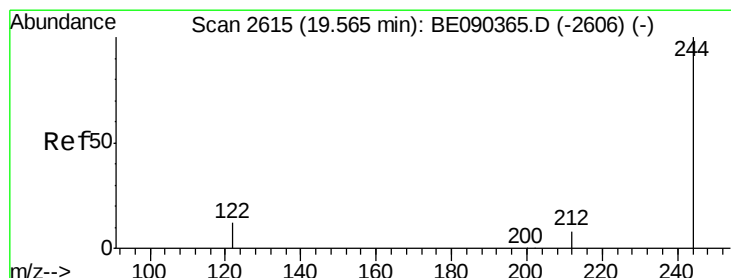
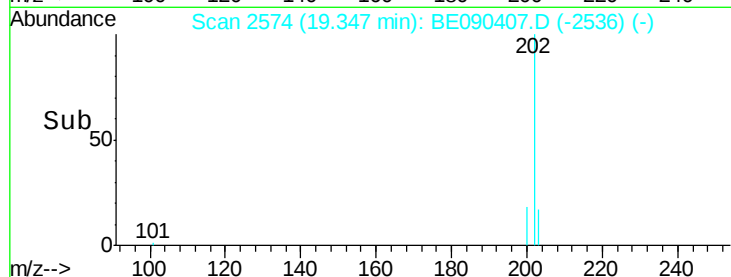
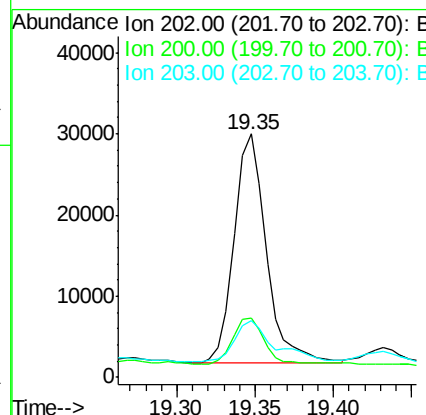
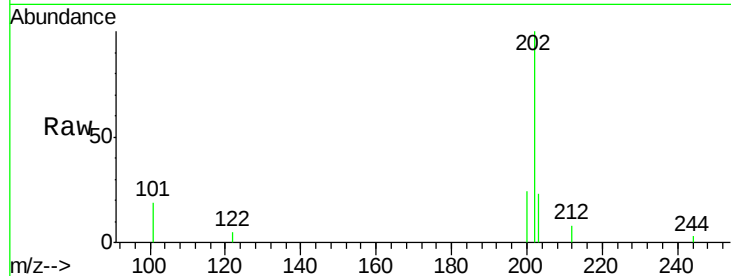




#26
Pvrene
Concen: 0.18 ng
RT: 19.35 min Scan# 2574
Delta R.T. -0.00 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

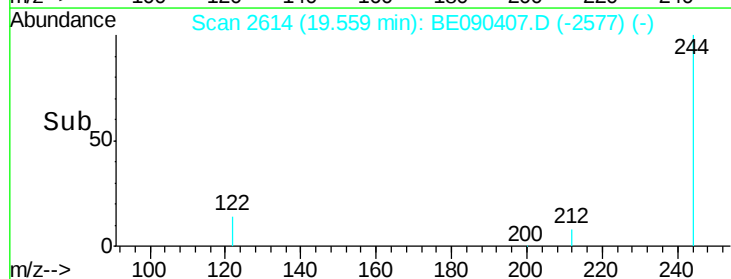
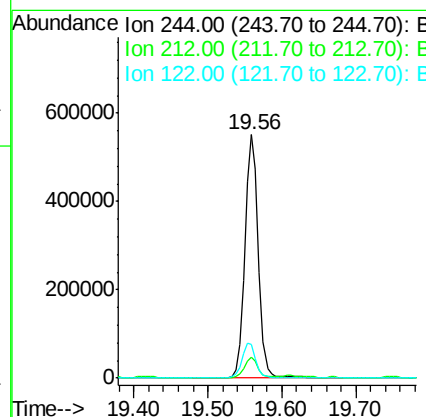
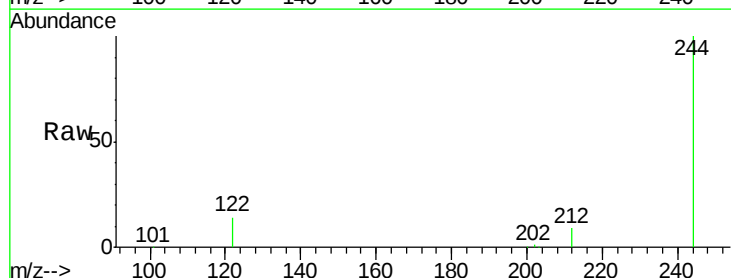
Instrument :
BNA_E
ClientSampleId :
SUMP-3RE

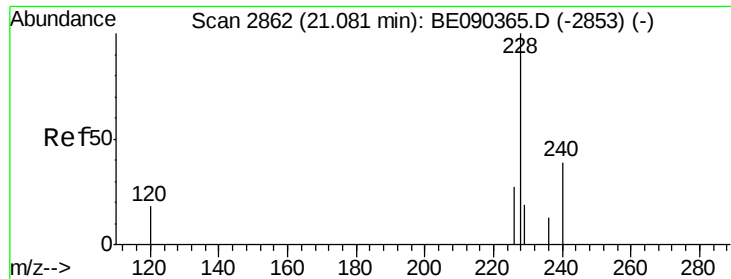
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.7	25.1
203	21.6	13.8	20.8



#27
Terphenyl-d14
Concen: 4.45 ng
RT: 19.56 min Scan# 2614
Delta R.T. -0.01 min
Lab File: BE090407.D
Acq: 10 Aug 2015 18:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.6	9.8
122	13.9	10.2	15.4





#28

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.10 min Scan# 2865

Delta R.T. 0.02 min

Lab File: BE090407.D

Acq: 10 Aug 2015 18:23

Instrument :

BNA_E

ClientSampleId :

SUMP-3RE

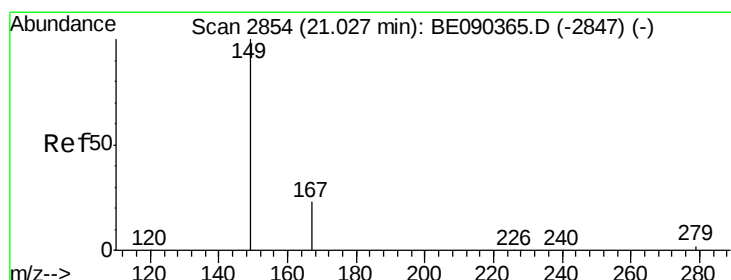
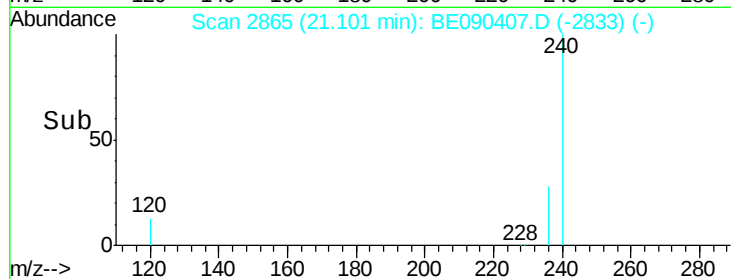
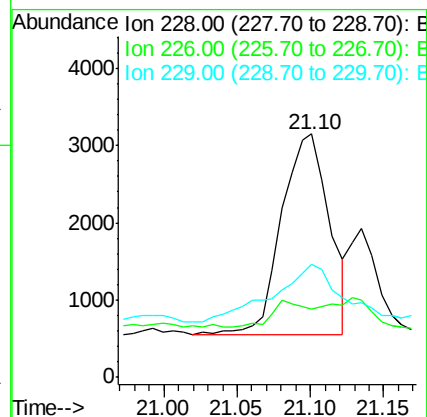
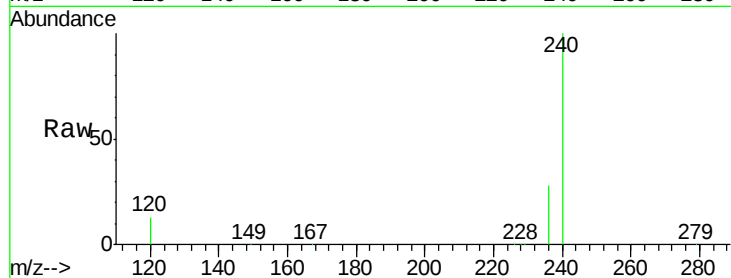
Tot Ion:228 Resp: 5872

Ion Ratio Lower Upper

228 100

226 27.8 21.9 32.9

229 46.6 15.4 23.0#



#30

Bis(2-ethylhexyl)phthalate

Concen: 2.48 ng

RT: 21.03 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BE090407.D

Acq: 10 Aug 2015 18:23

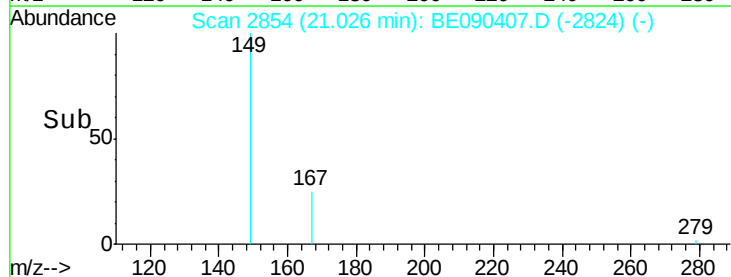
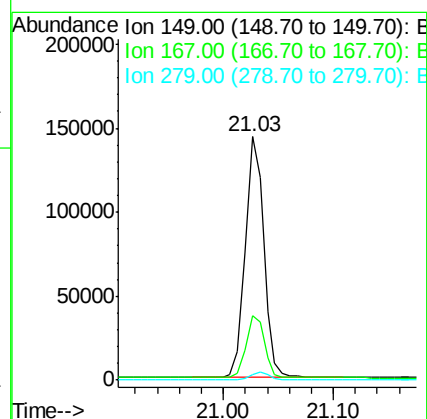
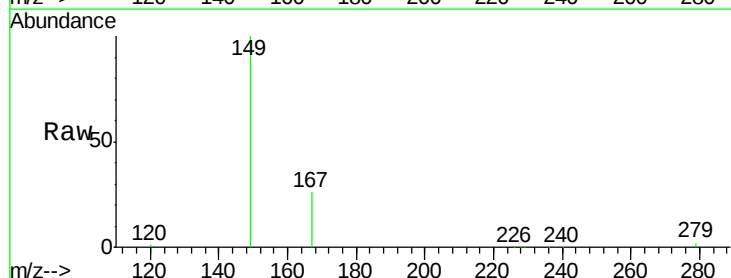
Tgt Ion:149 Resp: 165192

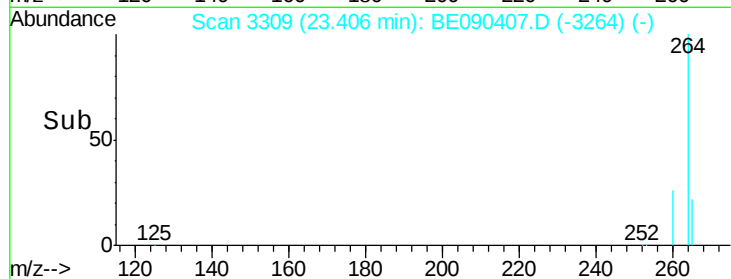
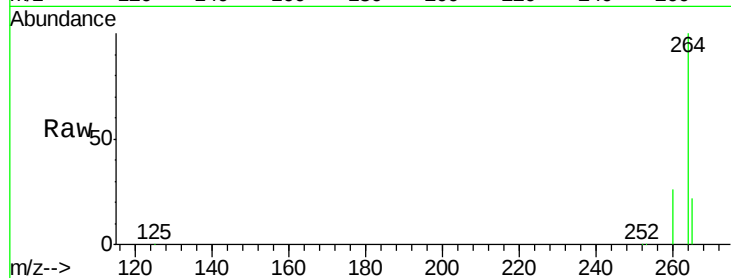
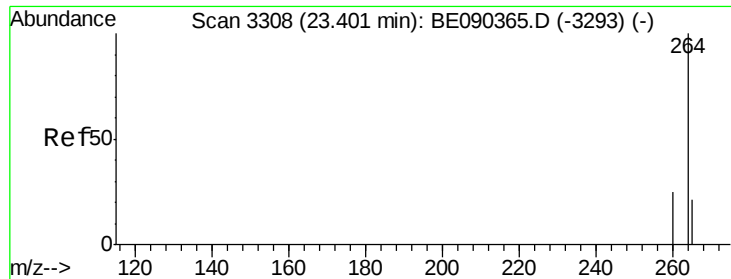
Ion Ratio Lower Upper

149 100

167 25.6 19.8 29.8

279 3.2 2.4 3.6





#32

Pervlene-d12

Concen: 5.00 ng

RT: 23.41 min Scan# 3309

Delta R.T. 0.00 min

Lab File: BE090407.D

Acq: 10 Aug 2015 18:23

Instrument :

BNA_E

ClientSampleId :

SUMP-3RE

Tot Ion:264 Resp: 1052476

Ion Ratio Lower Upper

264 100

260 25.9 20.1 30.1

265 22.0 17.2 25.8

