

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090415\
 Data File : BE090731.D
 Acq On : 4 Sep 2015 16:02
 Operator : UM/IZ
 Sample : PB85414BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85414BL

Quant Time: Sep 04 16:36:33 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	43982	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	190019	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	102179	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	255592	5.00	ng	0.00
25) Chrysene-d12	21.07	240	321502	5.00	ng	0.00
32) Perylene-d12	23.36	264	297124	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	80563	9.39	ng	0.00
5) Phenol-d6	6.75	99	105039	8.58	ng	0.00
7) Nitrobenzene-d5	8.72	82	44847	3.57	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	24275	8.09	ng	0.02
14) 2-Fluorobiphenyl	12.80	172	98727	3.49	ng	0.00
27) Terphenyl-d14	19.53	244	166376	4.68	ng	0.00

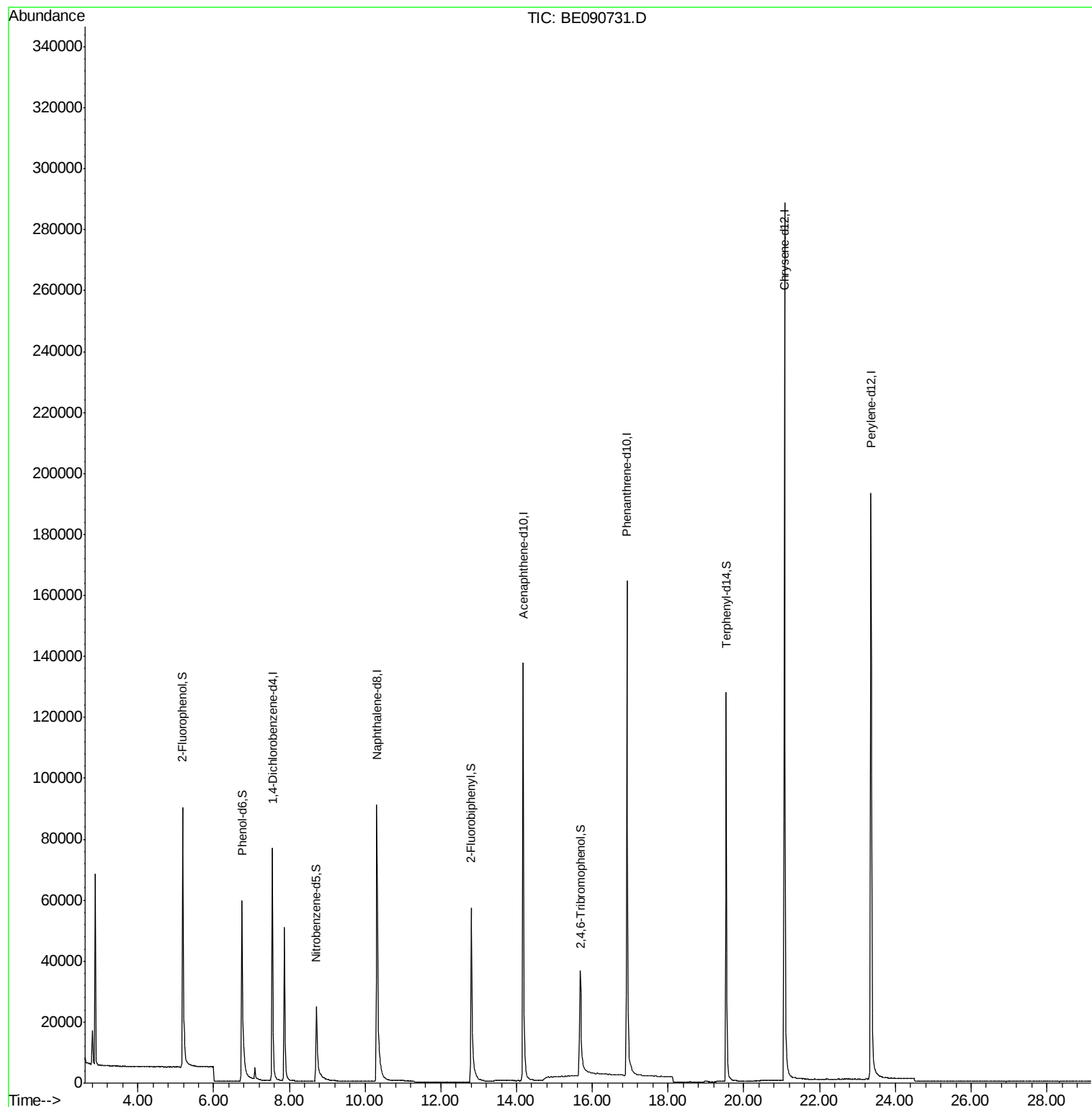
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.01 min

Lab File: BE090731.D

Acq: 4 Sep 2015 16:02

Instrument :

BNA_E

ClientSampleId :

PB85414BL

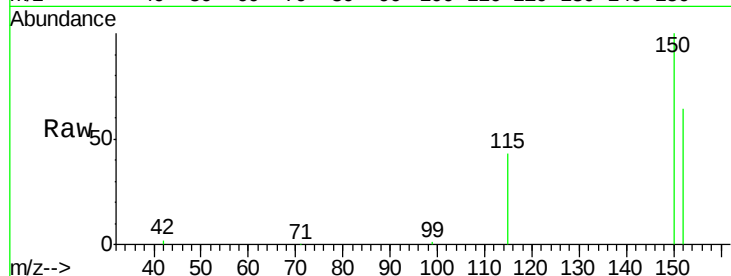
Tot Ion:152 Resp: 43982

Ion Ratio Lower Upper

152 100

150 156.4 122.2 183.4

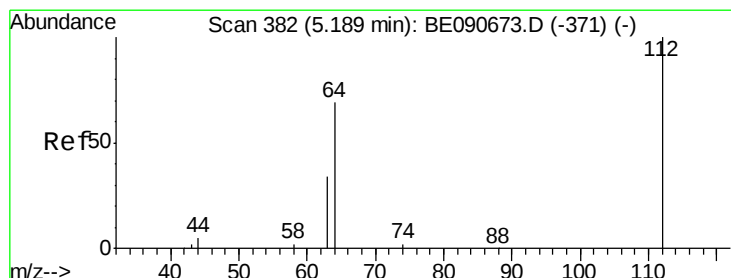
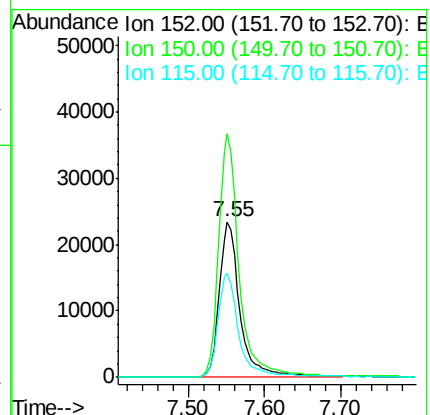
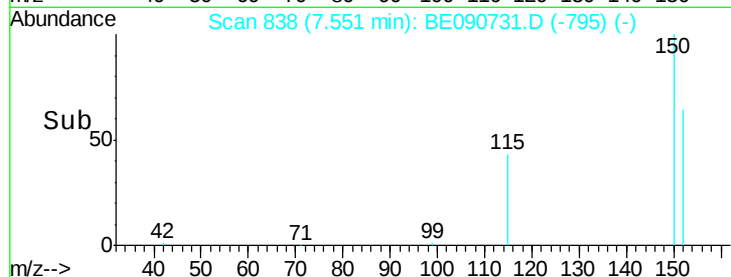
115 66.8 51.0 76.4



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



#4

2-Fluorophenol

Concen: 9.39 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.00 min

Lab File: BE090731.D

Acq: 4 Sep 2015 16:02

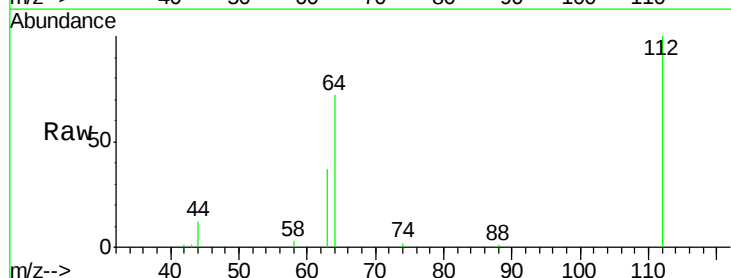
Tgt Ion:112 Resp: 80563

Ion Ratio Lower Upper

112 100

64 71.6 57.3 85.9

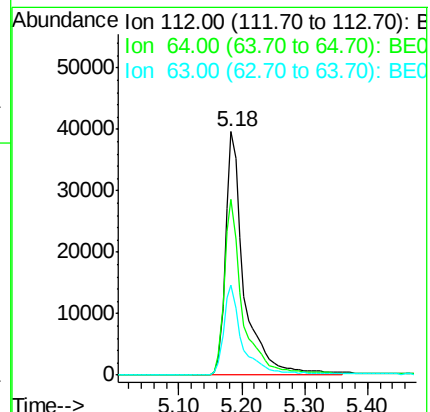
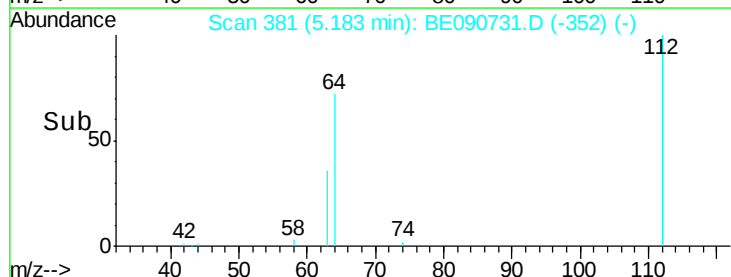
63 36.7 29.2 43.8

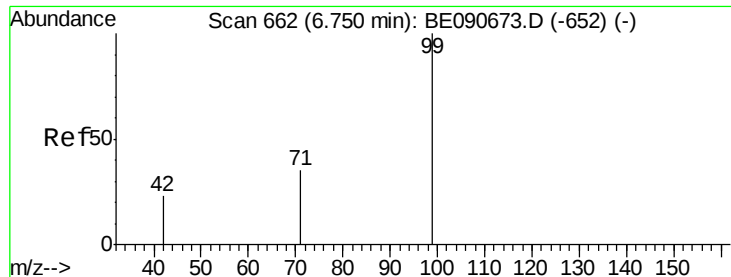


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 8.58 ng

RT: 6.75 min Scan# 661

Delta R.T. -0.01 min

Lab File: BE090731.D

Acq: 4 Sep 2015 16:02

Instrument :

BNA_E

ClientSampleId :

PB85414BL

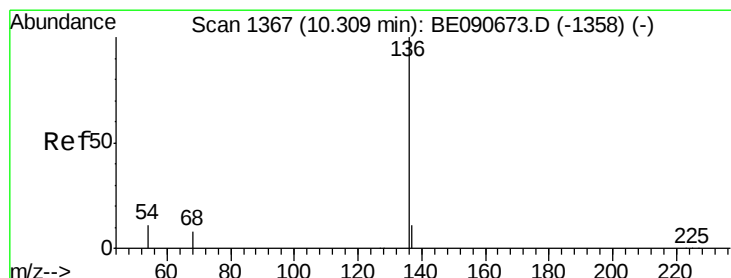
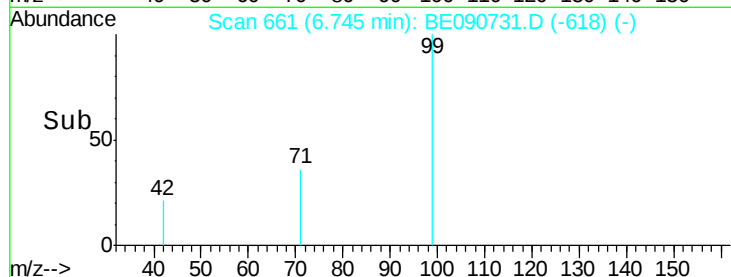
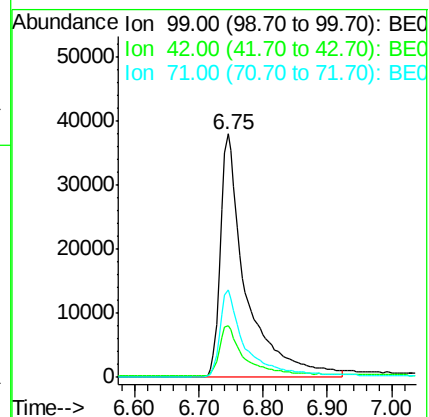
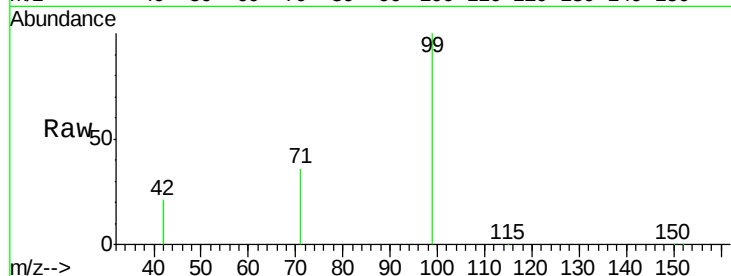
Tot Ion: 99 Resp: 105039

Ion Ratio Lower Upper

99 100

42 21.2 16.8 25.2

71 35.9 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: BE090731.D

Acq: 4 Sep 2015 16:02

Tgt Ion: 136 Resp: 190019

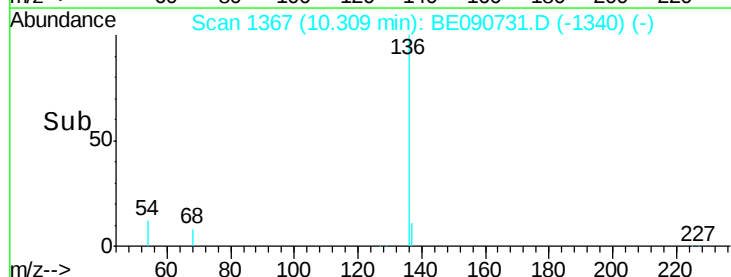
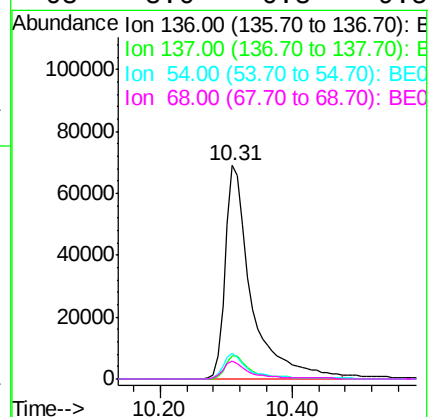
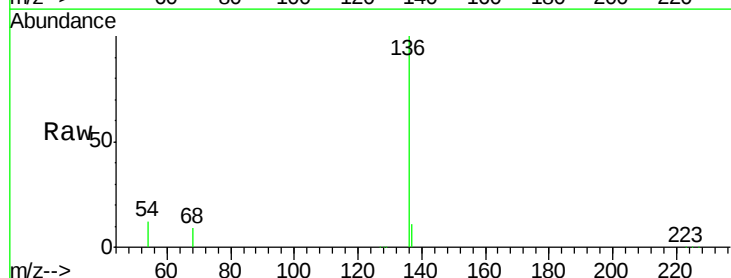
Ion Ratio Lower Upper

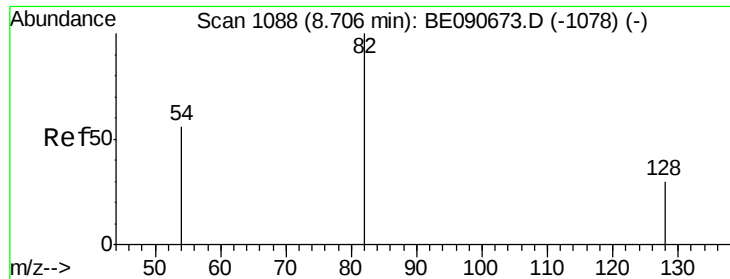
136 100

137 11.0 8.7 13.1

54 12.3 9.0 13.6

68 8.6 6.3 9.5





#7

Nitrobenzene-d5

Concen: 3.57 ng

RT: 8.72 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BE090731.D

Acq: 4 Sep 2015 16:02

Instrument :

BNA_E

ClientSampled :

PB85414BL

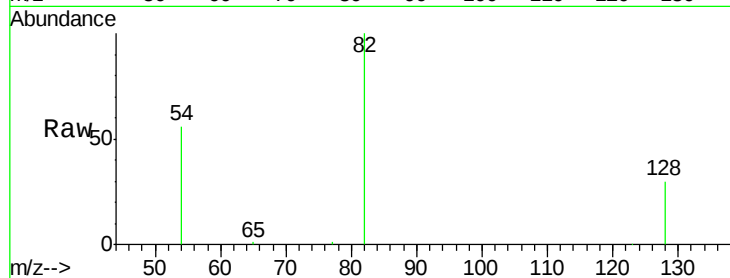
Tot Ion: 82 Resp: 44847

Ion Ratio Lower Upper

82 100

128 30.2 25.0 37.4

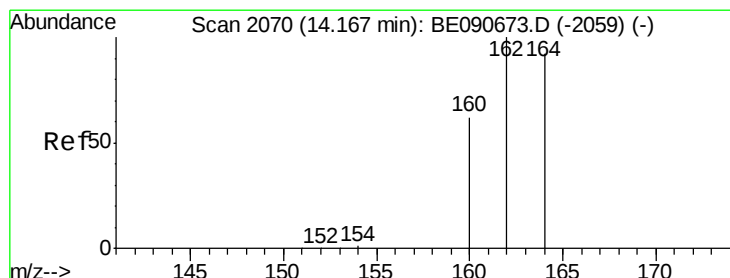
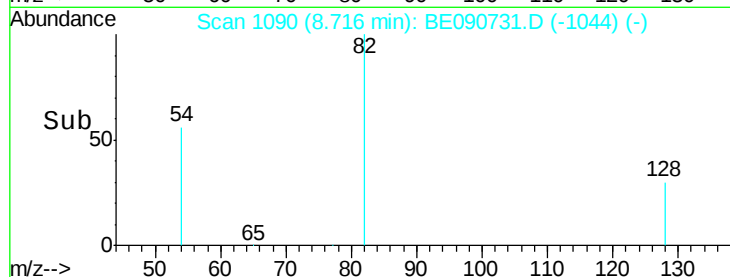
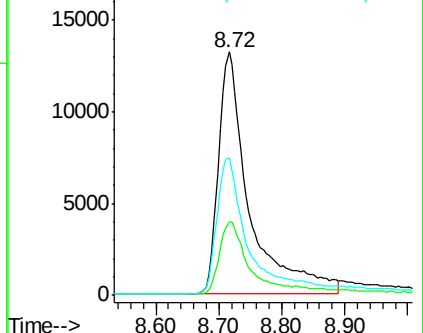
54 56.2 46.3 69.5



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: 14.17 min Scan# 2071

Delta R.T. 0.01 min

Lab File: BE090731.D

Acq: 4 Sep 2015 16:02

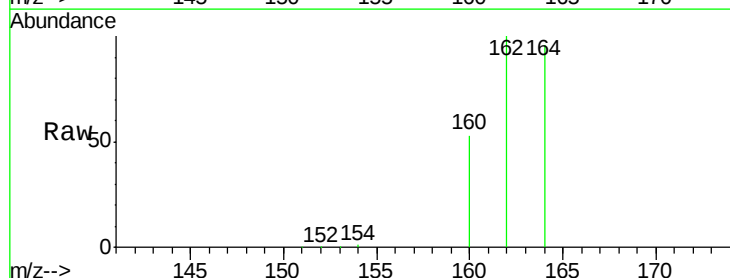
Tgt Ion: 164 Resp: 102179

Ion Ratio Lower Upper

164 100

162 104.5 86.8 130.2

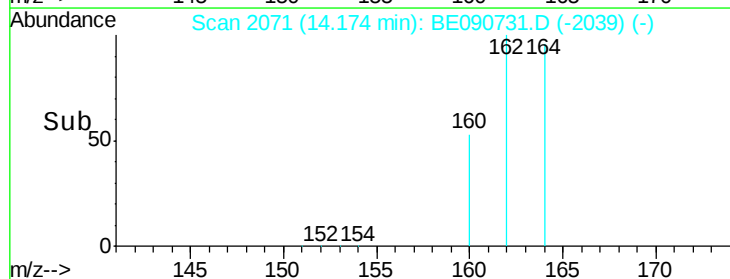
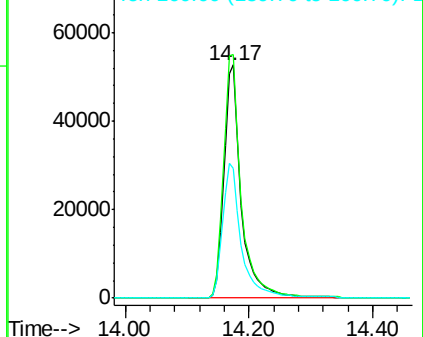
160 55.7 53.9 80.9

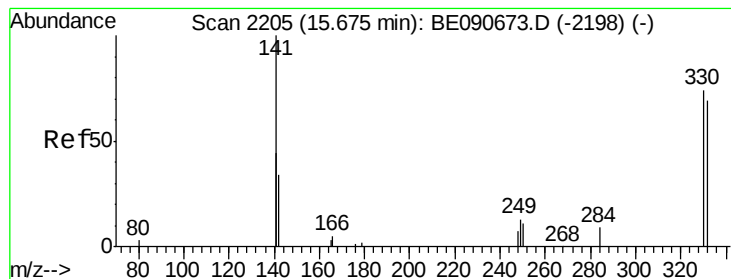


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#13

2,4,6-Tribromophenol

Concen: 8.09 ng

RT: 15.69 min Scan# 2205

Delta R.T. 0.02 min

Lab File: BE090731.D

Acq: 4 Sep 2015 16:02

Instrument :

BNA_E

ClientSampleId :

PB85414BL

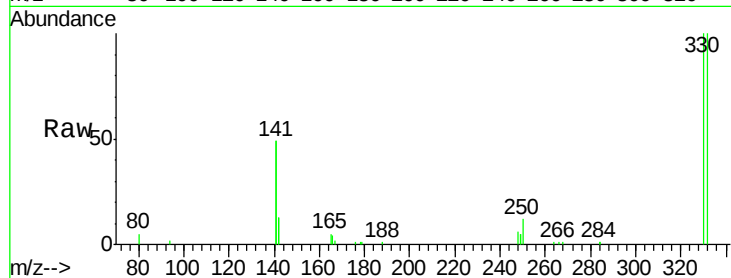
Tot Ion:330 Resp: 24275

Ion Ratio Lower Upper

330 100

332 96.1 74.9 112.3

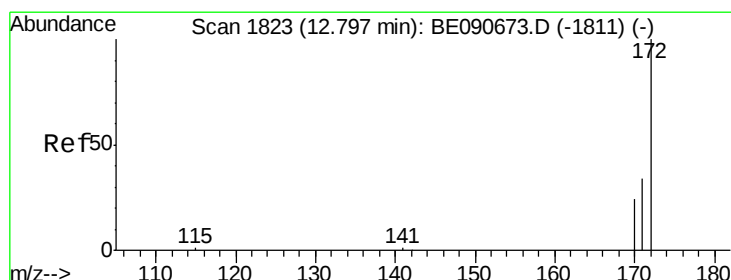
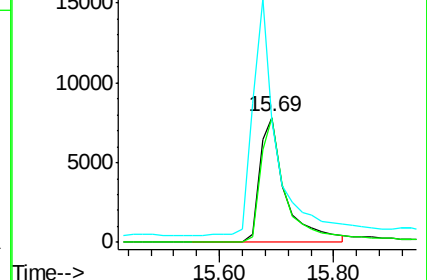
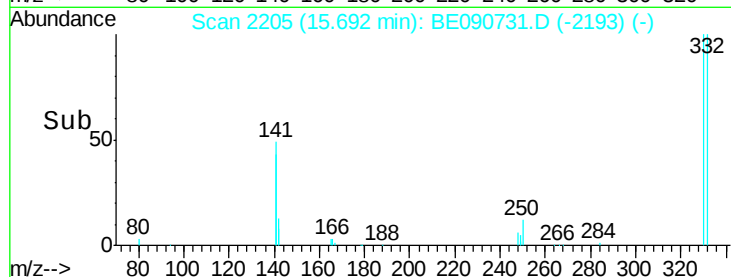
141 178.0 145.2 217.8



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: 3.49 ng

RT: 12.80 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BE090731.D

Acq: 4 Sep 2015 16:02

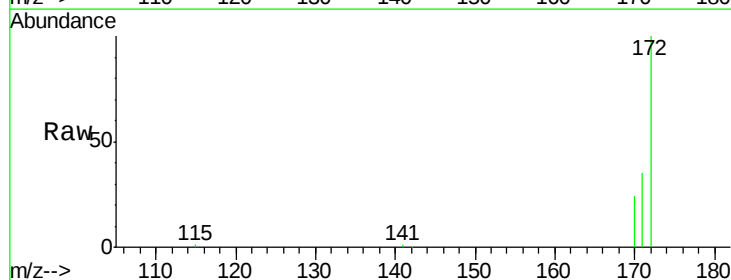
Tgt Ion:172 Resp: 98727

Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.8

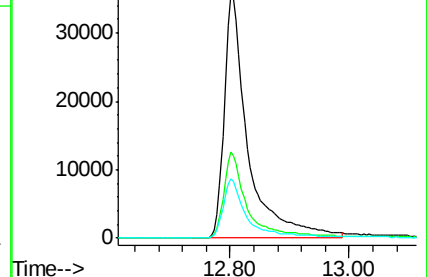
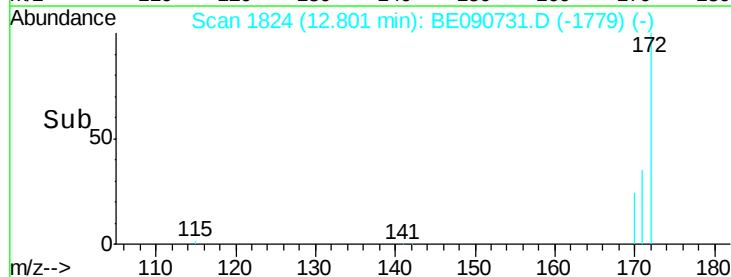
170 24.4 19.8 29.6



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

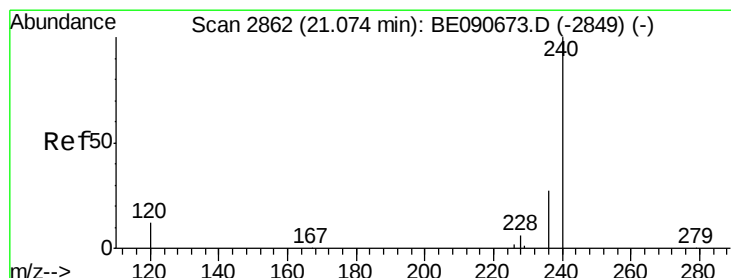
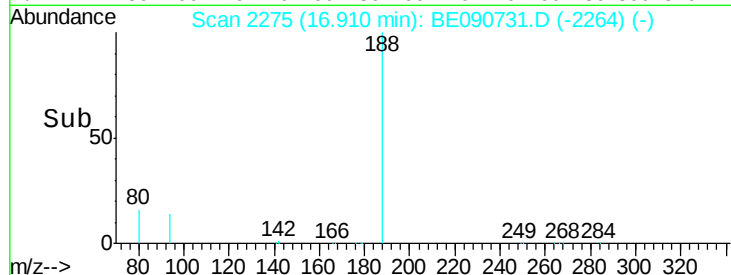
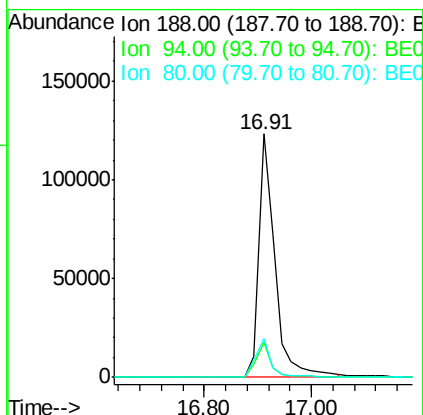
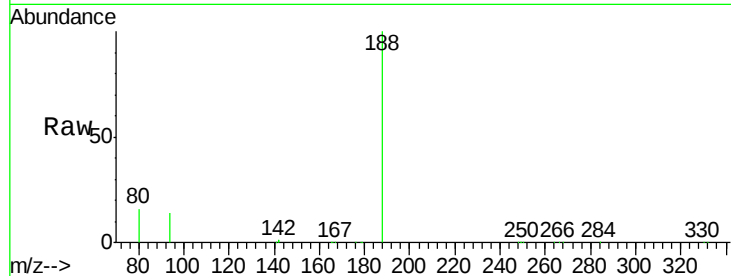




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090731.D
Acq: 4 Sep 2015 16:02

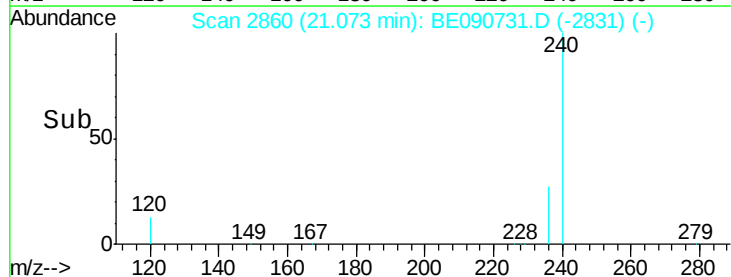
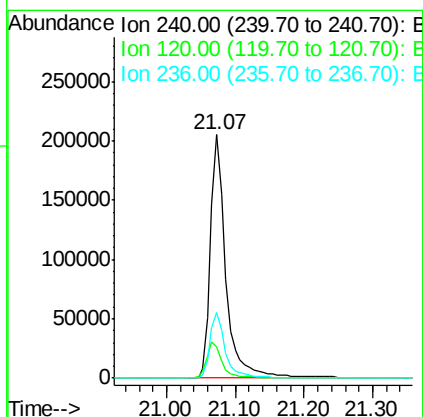
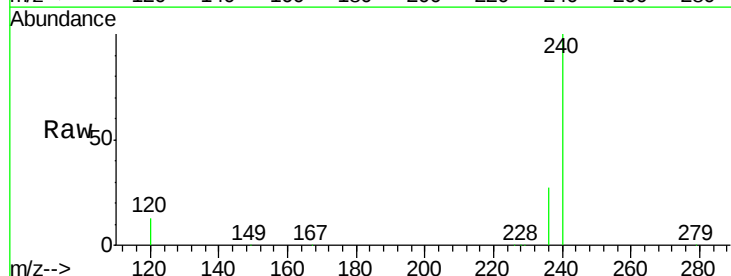
Instrument :
BNA_E
ClientSampleId :
PB85414BL

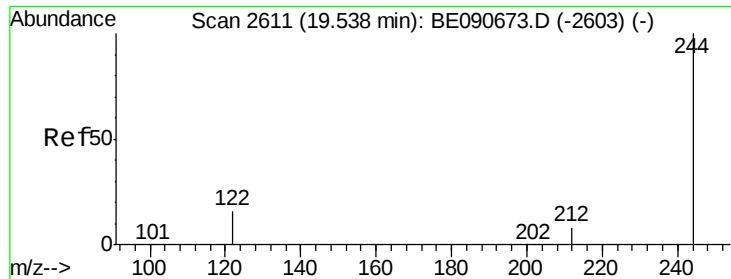
Tot Ion:188 Resp: 255592
Ion Ratio Lower Upper
188 100
94 14.2 10.3 15.5
80 16.1 11.0 16.6



#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE090731.D
Acq: 4 Sep 2015 16:02

Tgt Ion:240 Resp: 321502
Ion Ratio Lower Upper
240 100
120 12.7 10.1 15.1
236 27.2 21.9 32.9





#27

Terphenyl-d14

Concen: 4.68 ng

RT: 19.53 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BE090731.D

Acq: 4 Sep 2015 16:02

Instrument :

BNA_E

ClientSampleId :

PB85414BL

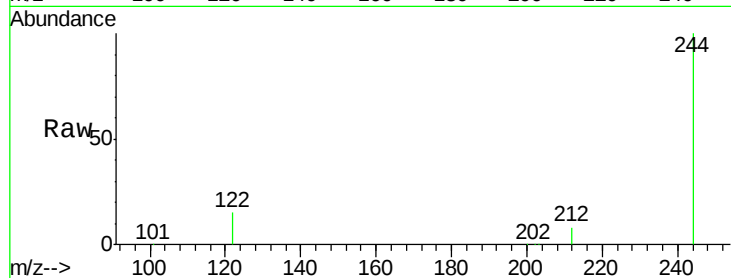
Tot Ion:244 Resp: 166376

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

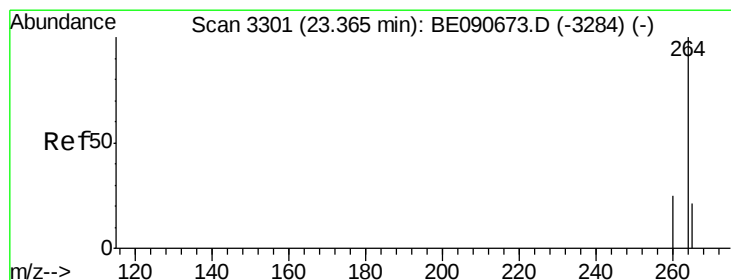
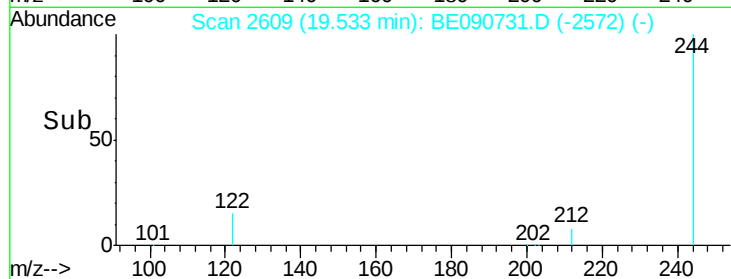
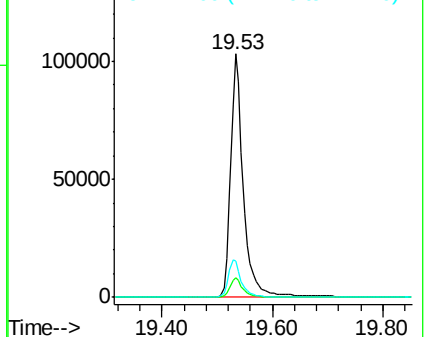
122 15.1 12.9 19.3



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.36 min Scan# 3298

Delta R.T. -0.01 min

Lab File: BE090731.D

Acq: 4 Sep 2015 16:02

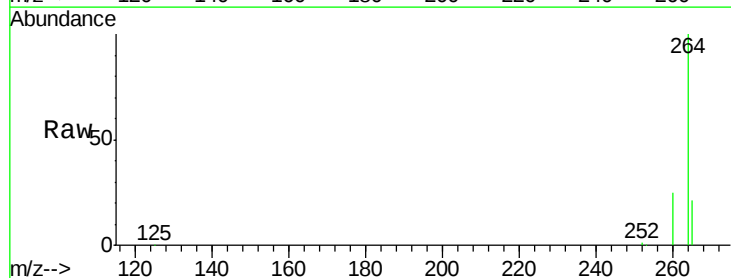
Tgt Ion:264 Resp: 297124

Ion Ratio Lower Upper

264 100

260 25.3 19.7 29.5

265 21.2 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

