

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020315\
 Data File : BE089486.D
 Acq On : 4 Feb 2015 7:17
 Operator : TP/IZ
 Sample : G1110-13
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EB-2015-1-16

Quant Time: Feb 04 11:22:48 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE020315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 04 00:53:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.54	152	172649	5.00	ng	0.00
7) Naphthalene-d8	12.44	136	688168	5.00	ng	0.00
13) Acenaphthene-d10	16.62	164	335520	5.00	ng	0.01
17) Phenanthrene-d10	19.94	188	557745	5.00	ng	0.01
20) Chrysene-d12	23.80	240	513759	5.00	ng	0.02
27) Perylene-d12	25.50	264	493219	5.00	ng	0.01
System Monitoring Compounds						
3) 2-Fluorophenol	6.76	112	233169	4.18	ng	0.04
4) Phenol-d6	8.89	99	202074	2.88	ng	0.05
8) Nitrobenzene-d5	10.81	82	420000	8.07	ng	0.02
14) 2,4,6-Tribromophenol	18.54	330	136094	9.37	ng	0.03
15) 2-Fluorobiphenyl	15.07	172	631488	7.14	ng	0.01
22) Terphenyl-d14	22.44	244	747927	10.27	ng	0.01

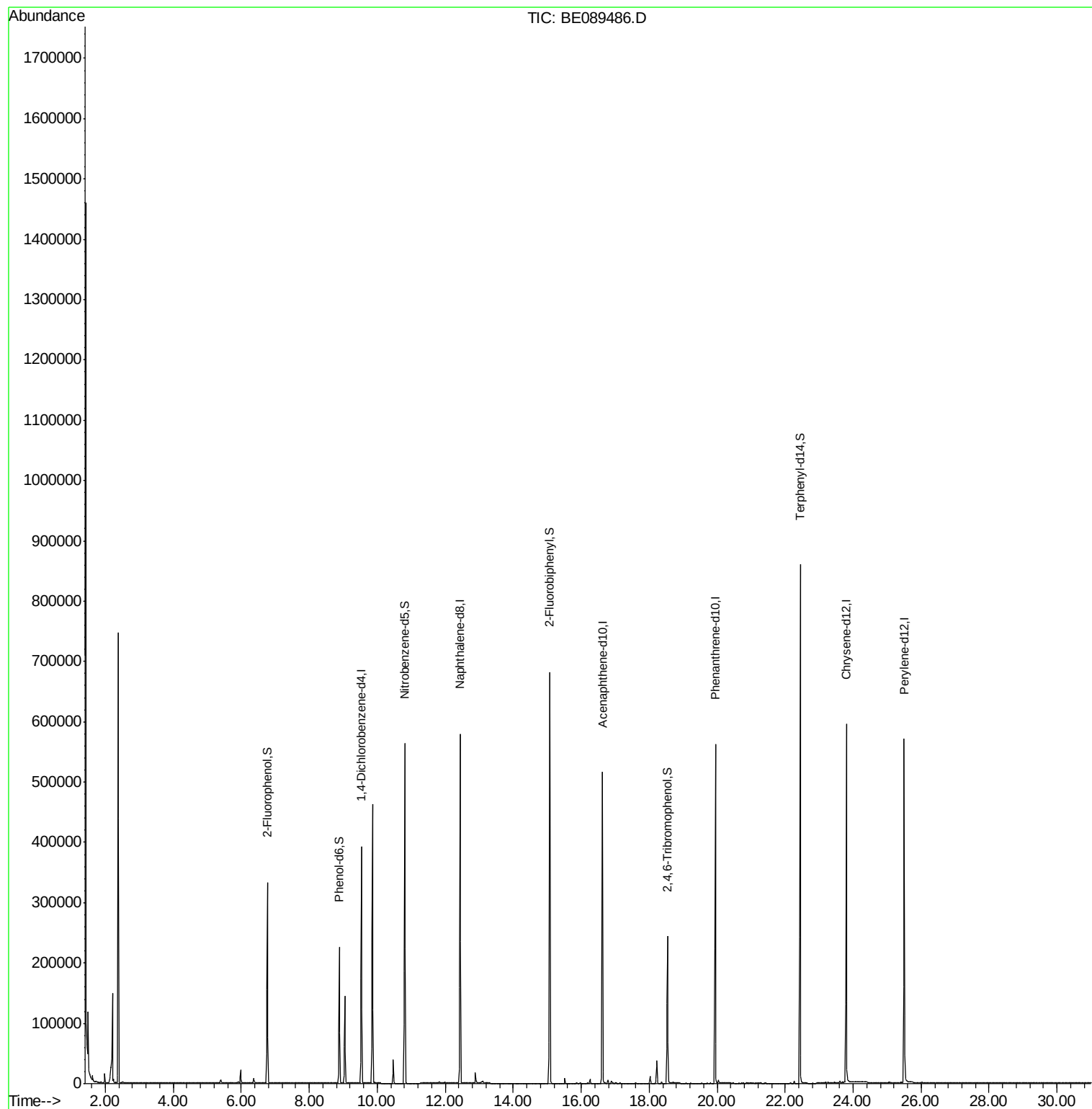
Target Compounds	Qvalue
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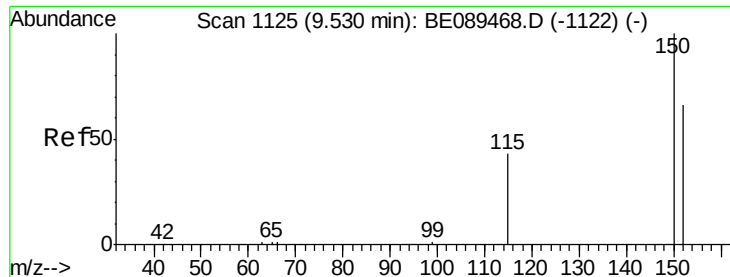
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.54 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BE089486.D

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EB-2015-1-16

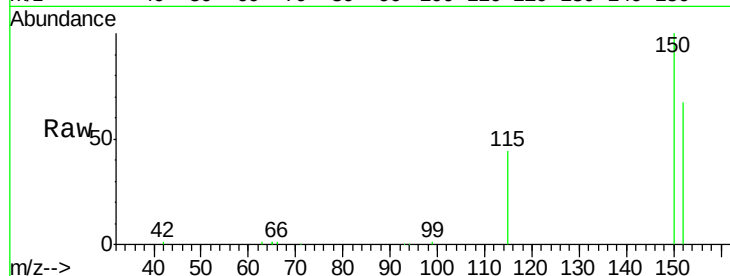
Tgt Ion:152 Resp: 172649

Ion Ratio Lower Upper

152 100

150 149.3 122.1 183.1

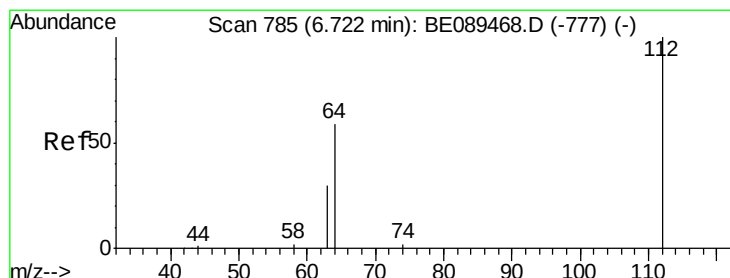
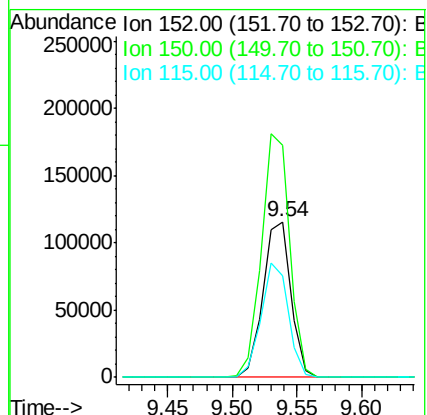
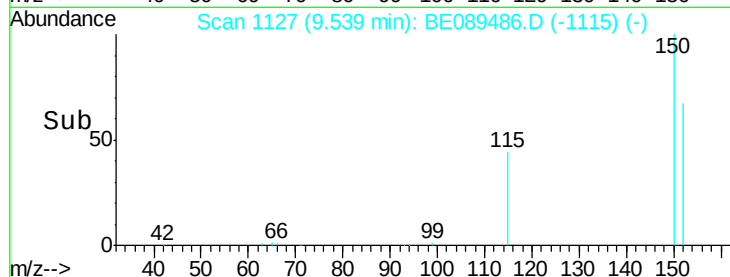
115 65.7 53.2 79.8



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

2-Fluorophenol

Concen: 4.18 ng

RT: 6.76 min Scan# 791

Delta R.T. 0.04 min

Lab File: BE089486.D

Acq: 4 Feb 2015 7:17

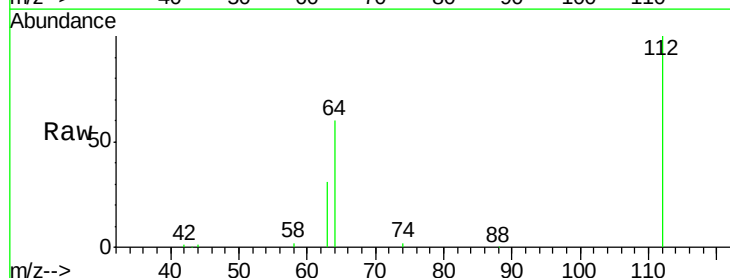
Tgt Ion:112 Resp: 233169

Ion Ratio Lower Upper

112 100

64 59.5 47.0 70.6

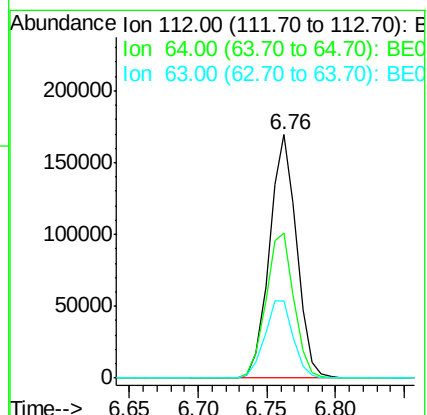
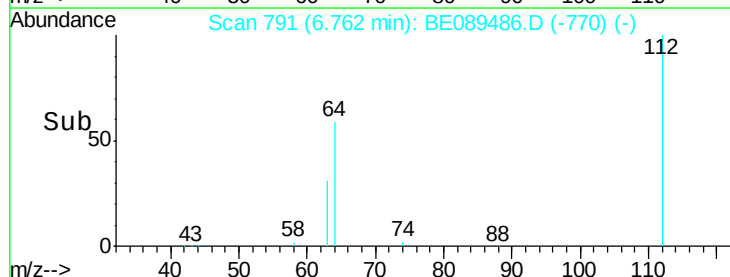
63 31.5 24.2 36.2

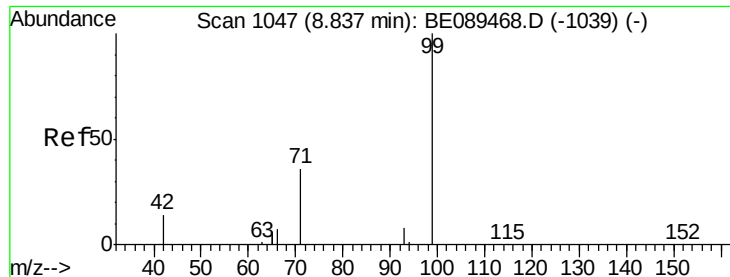


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#4

Phenol-d6

Concen: 2.88 ng

RT: 8.89 min Scan# 1054

Delta R.T. 0.05 min

Lab File: BE089486.D

Acq: 4 Feb 2015 7:17

Instrument :

BNA_E

ClientSampleId :

EB-2015-1-16

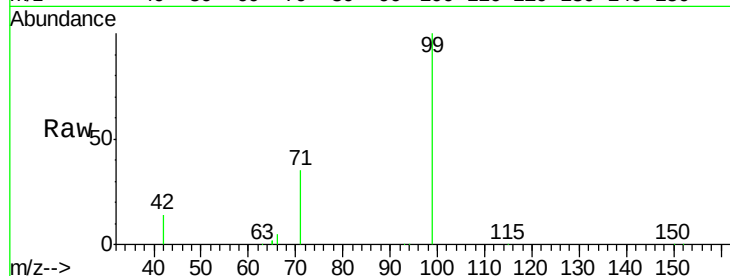
Tgt Ion: 99 Resp: 202074

Ion Ratio Lower Upper

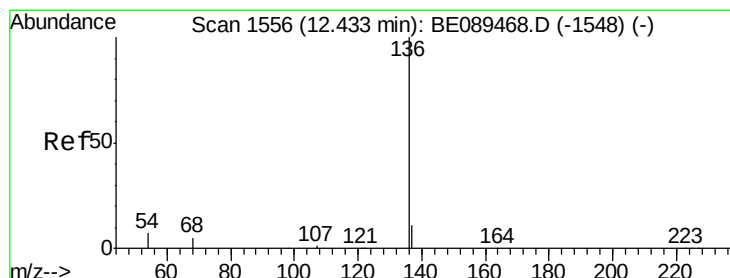
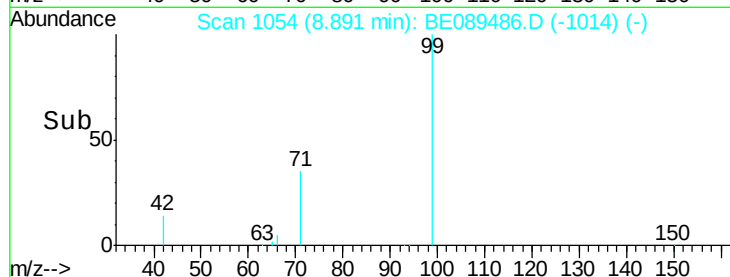
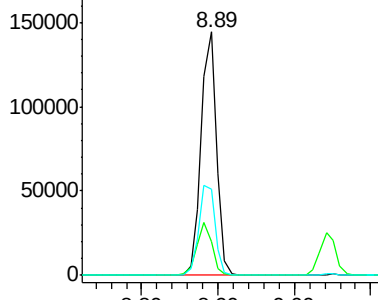
99 100

42 13.6 11.8 17.6

71 35.2 28.7 43.1



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



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 12.44 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BE089486.D

Acq: 4 Feb 2015 7:17

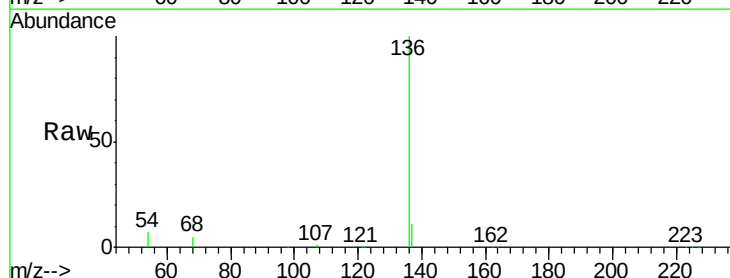
Tgt Ion: 136 Resp: 688168

Ion Ratio Lower Upper

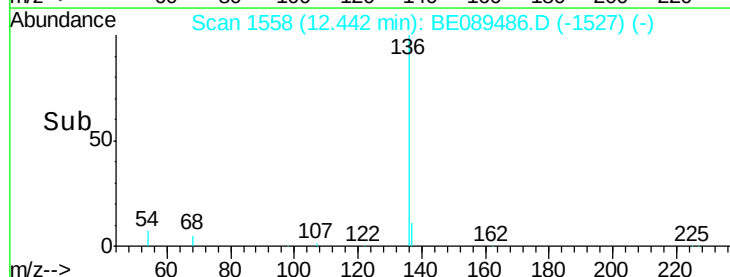
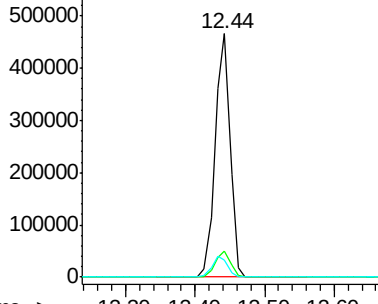
136 100

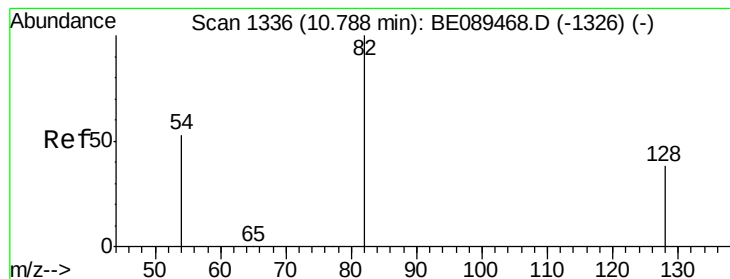
137 10.9 8.6 13.0

54 7.2 5.4 8.0



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





#8

Nitrobenzene-d5

Concen: 8.07 ng

RT: 10.81 min Scan# 1342

Delta R.T. 0.02 min

Lab File: BE089486.D

Acq: 4 Feb 2015 7:17

Instrument :

BNA_E

ClientSampleId :

EB-2015-1-16

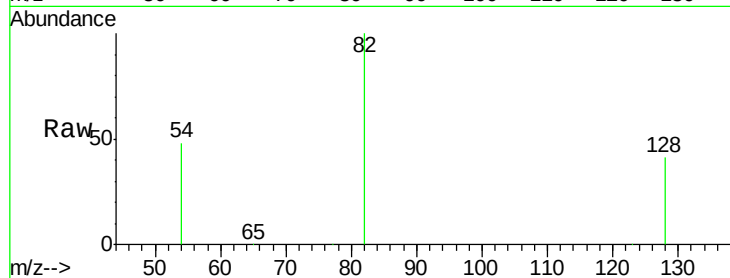
Tgt Ion: 82 Resp: 420000

Ion Ratio Lower Upper

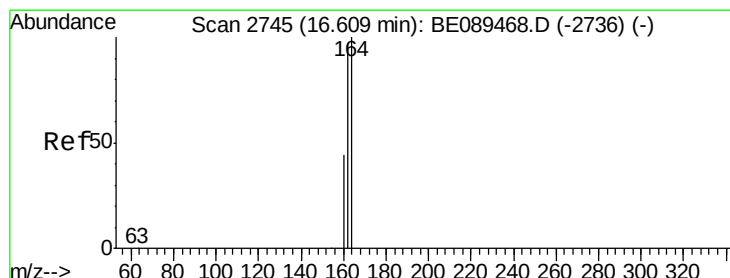
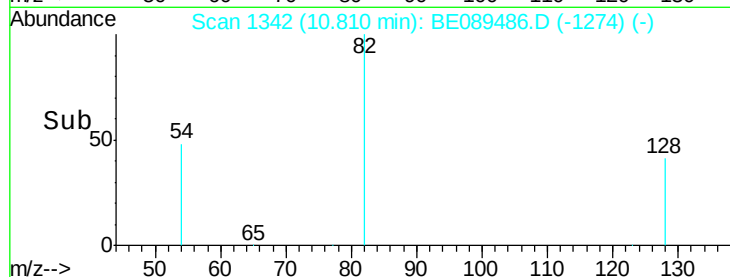
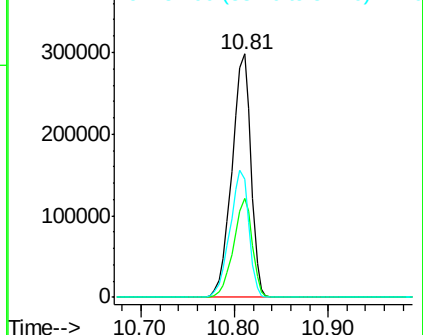
82 100

128 40.5 30.3 45.5

54 48.3 43.1 64.7



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



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 16.62 min Scan# 2748

Delta R.T. 0.01 min

Lab File: BE089486.D

Acq: 4 Feb 2015 7:17

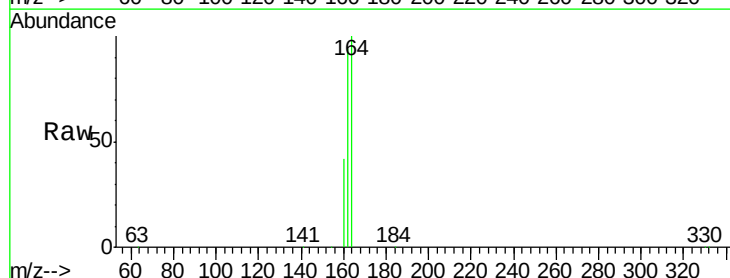
Tgt Ion: 164 Resp: 335520

Ion Ratio Lower Upper

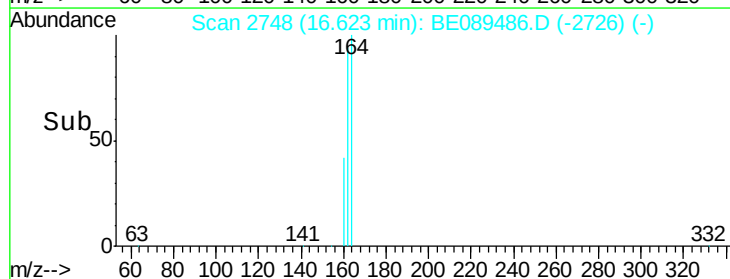
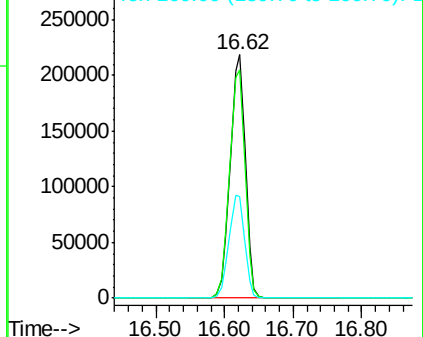
164 100

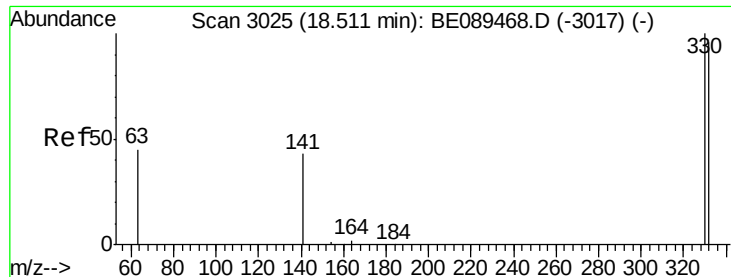
162 93.9 77.6 116.4

160 41.7 35.6 53.4



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

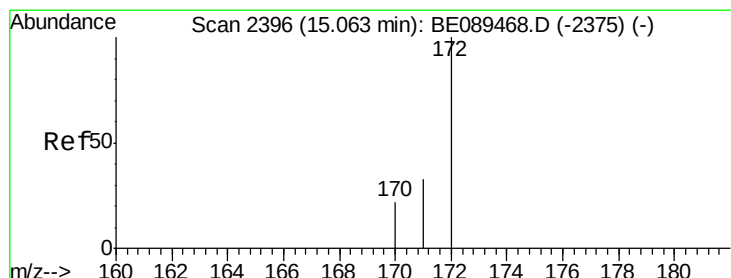
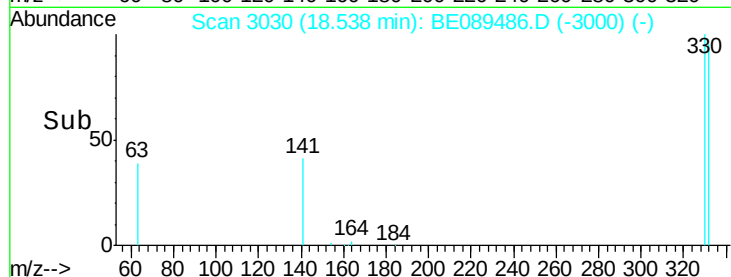
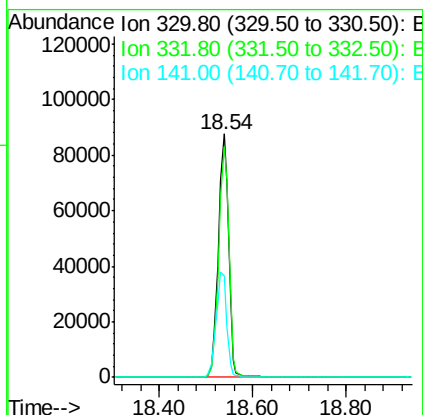
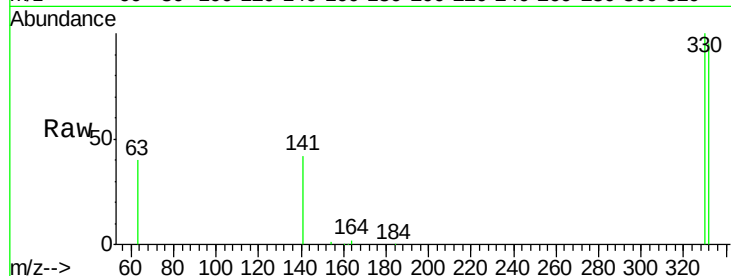




#14
 2,4,6-Tribromophenol
 Concen: 9.37 ng
 RT: 18.54 min Scan# 3030
 Delta R.T. 0.03 min
 Lab File: BE089486.D
 Acq: 4 Feb 2015 7:17

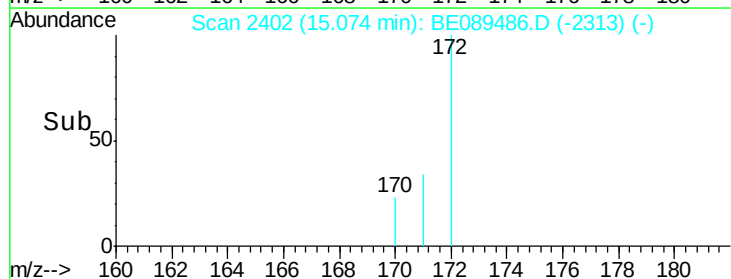
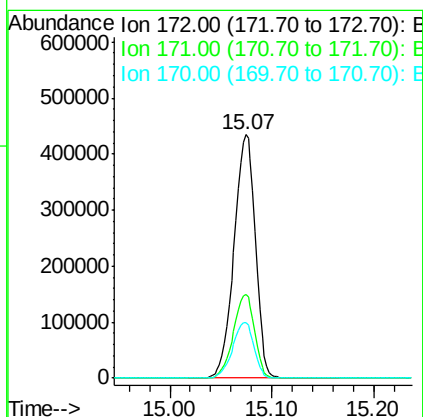
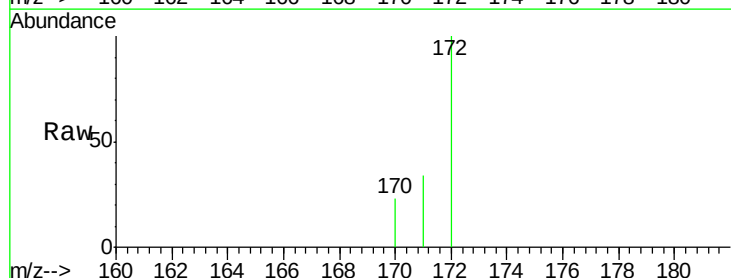
Instrument :
 BNA_E
 ClientSampleId :
 EB-2015-1-16

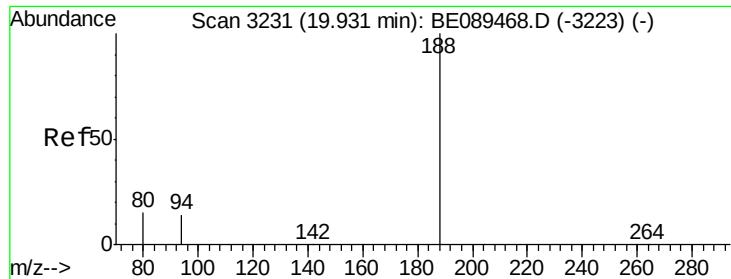
Tgt Ion: 330 Resp: 136094
 Ion Ratio Lower Upper
 330 100
 332 95.6 78.0 117.0
 141 44.1 33.8 50.6



#15
 2-Fluorobiphenyl
 Concen: 7.14 ng
 RT: 15.07 min Scan# 2402
 Delta R.T. 0.01 min
 Lab File: BE089486.D
 Acq: 4 Feb 2015 7:17

Tgt Ion: 172 Resp: 631488
 Ion Ratio Lower Upper
 172 100
 171 34.3 26.8 40.2
 170 22.8 17.7 26.5

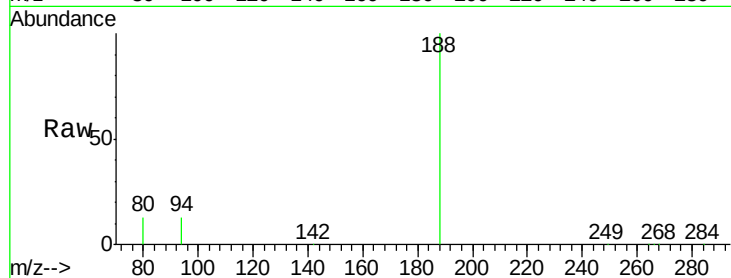




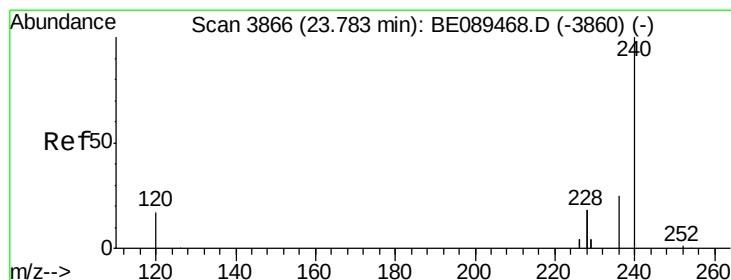
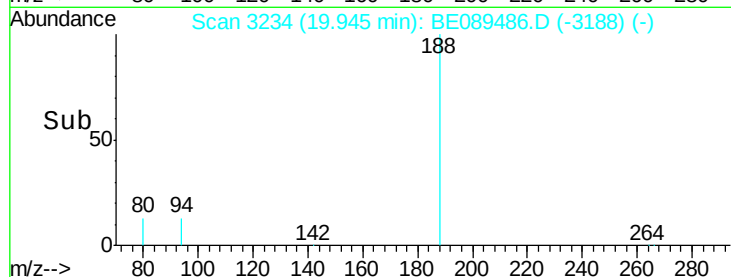
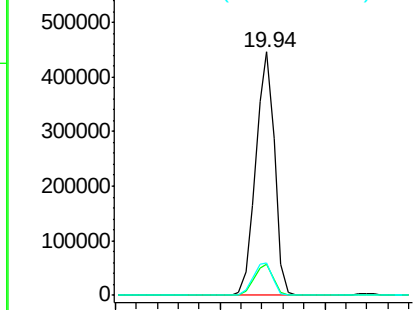
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.94 min Scan# 3234
Delta R.T. 0.01 min
Lab File: BE089486.D
Acq: 4 Feb 2015 7:17

Instrument :
BNA_E
ClientSampleId :
EB-2015-1-16

Tgt Ion:188 Resp: 557745
Ion Ratio Lower Upper
188 100
94 12.5 11.1 16.7
80 13.3 11.8 17.6

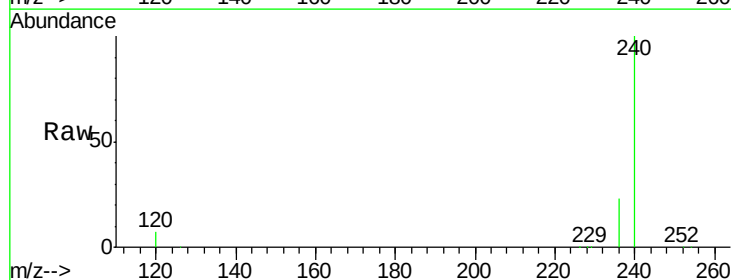


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

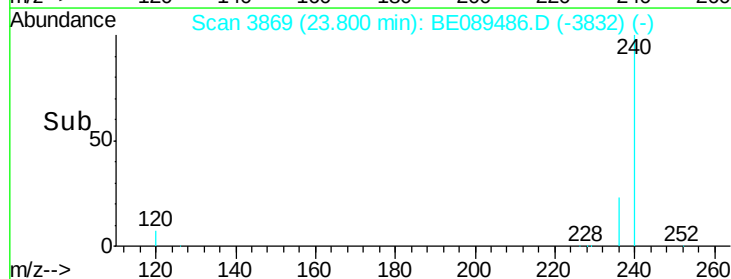
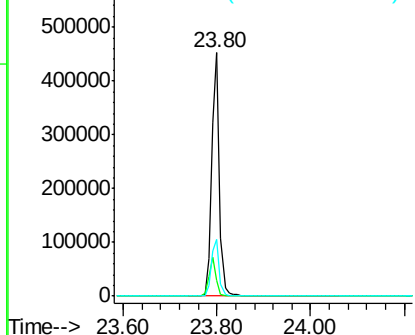


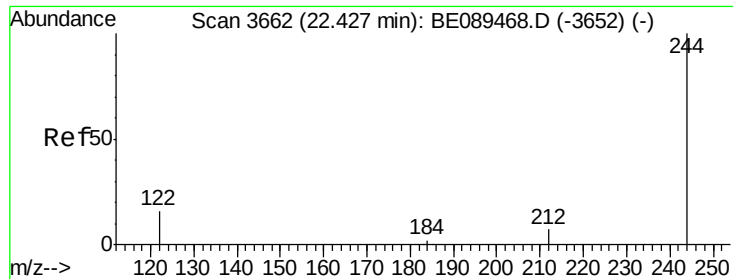
#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.80 min Scan# 3869
Delta R.T. 0.02 min
Lab File: BE089486.D
Acq: 4 Feb 2015 7:17

Tgt Ion:240 Resp: 513759
Ion Ratio Lower Upper
240 100
120 6.6 13.8 20.6#
236 23.4 20.2 30.2



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

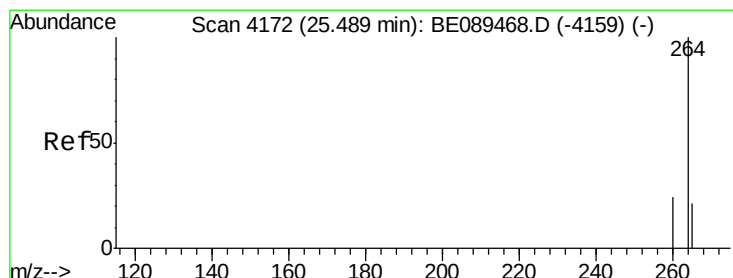
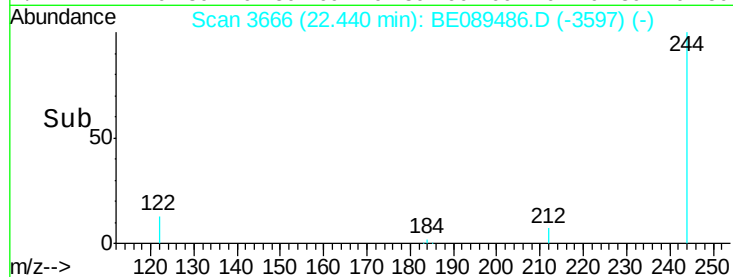
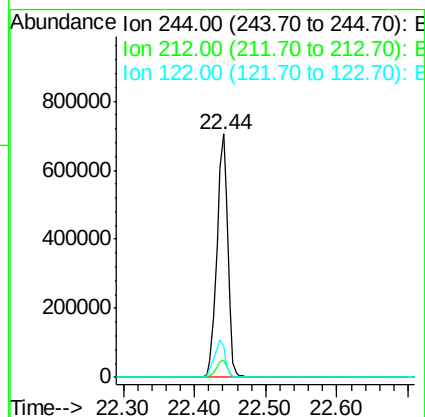
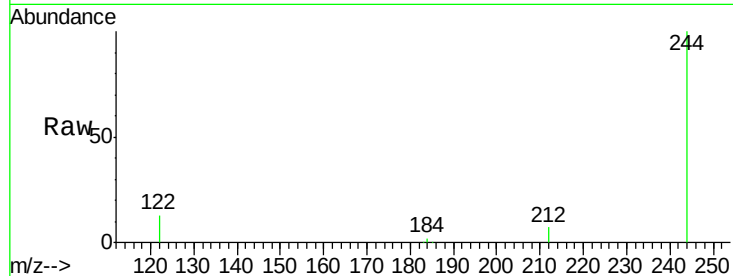




#22
 Terphenyl-d14
 Concen: 10.27 ng
 RT: 22.44 min Scan# 3666
 Delta R.T. 0.01 min
 Lab File: BE089486.D
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Tgt Ion:244 Resp: 747927
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 12.9 12.6 19.0



#27
 Perylene-d12
 Concen: 5.00 ng
 RT: 25.50 min Scan# 4176
 Delta R.T. 0.01 min
 Lab File: BE089486.D
 Acq: 4 Feb 2015 7:17

Tgt Ion:264 Resp: 493219
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.1 28.7
 265 21.2 17.0 25.6

