

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021715\
 Data File : BE089604.D
 Acq On : 17 Feb 2015 21:41
 Operator : TP/IZ
 Sample : PB81705BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB81705BL

Quant Time: Feb 18 14:42:51 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE021715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 18 14:11:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	65797	5.00	ng	0.00
7) Naphthalene-d8	12.24	136	263924	5.00	ng	0.00
13) Acenaphthene-d10	16.42	164	132819	5.00	ng	0.00
17) Phenanthrene-d10	19.77	188	263330	5.00	ng	0.00
20) Chrysene-d12	23.66	240	276737	5.00	ng	0.00
27) Perylene-d12	25.34	264	253388	5.00	ng	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	6.50	112	225074	13.14	ng	0.00
4) Phenol-d6	8.62	99	294691	13.07	ng	0.00
8) Nitrobenzene-d5	10.61	82	140664	9.62	ng	0.00
14) 2,4,6-Tribromophenol	18.31	330	45143	11.63	ng	0.00
15) 2-Fluorobiphenyl	14.88	172	334670	9.42	ng	0.00
22) Terphenyl-d14	22.30	244	433460	11.60	ng	0.00

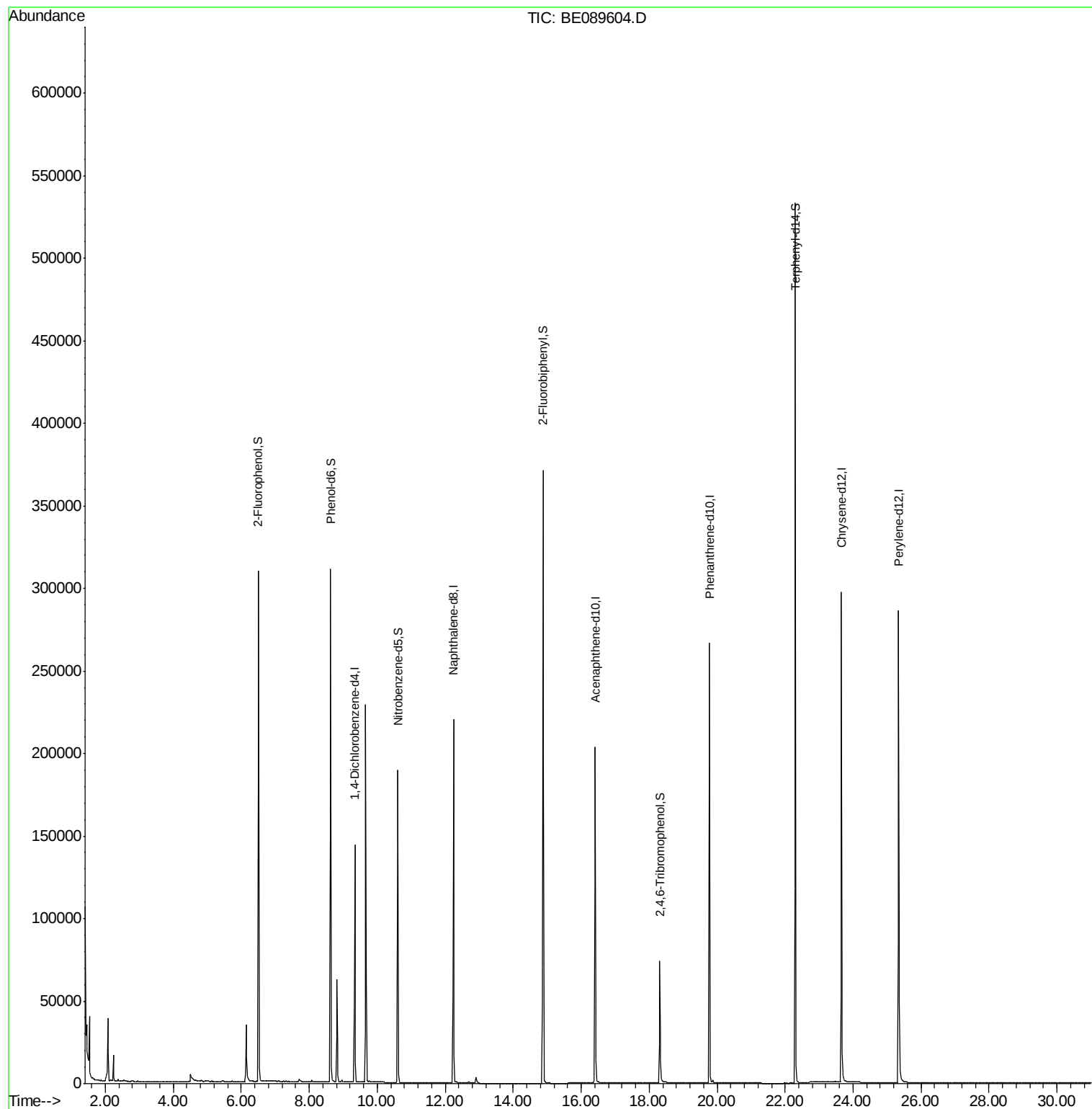
Target Compounds	Qvalue
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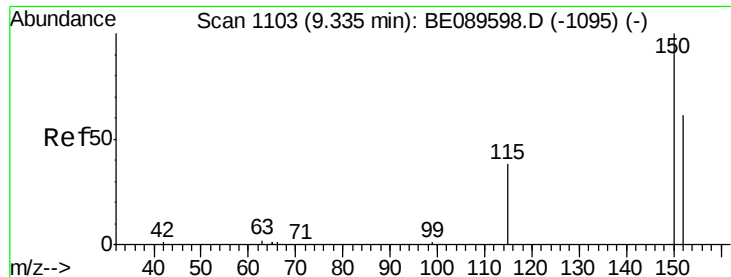
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.34 min Scan# 1104

Delta R.T. 0.01 min

Lab File: BE089604.D

Acq: 17 Feb 2015 21:41

Instrument :

BNA_E

ClientSampleId :

PB81705BL

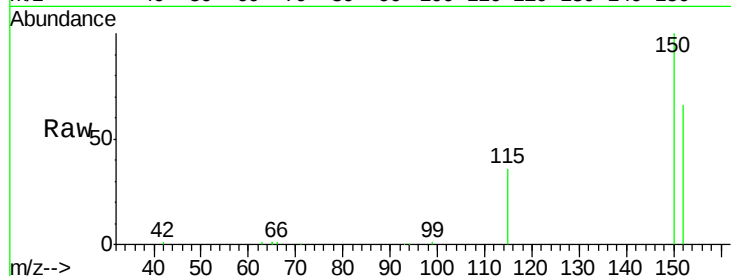
Tgt Ion:152 Resp: 65797

Ion Ratio Lower Upper

152 100

150 151.8 130.7 196.1

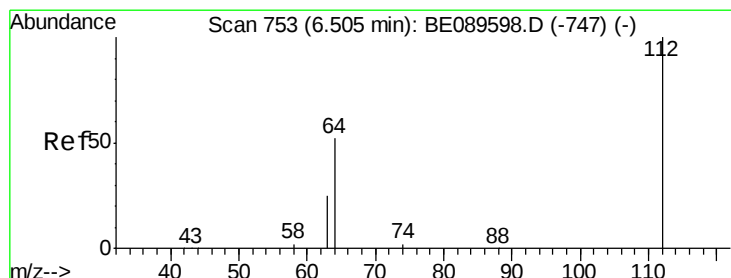
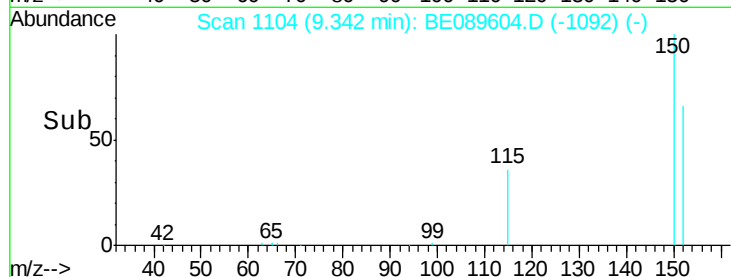
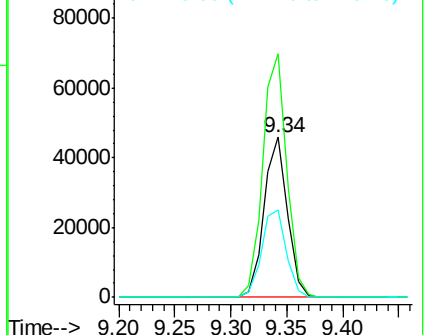
115 54.6 49.6 74.4



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



#3

2-Fluorophenol

Concen: 13.14 ng

RT: 6.50 min Scan# 753

Delta R.T. -0.00 min

Lab File: BE089604.D

Acq: 17 Feb 2015 21:41

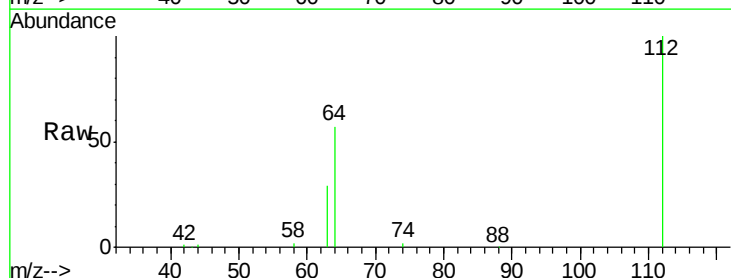
Tgt Ion:112 Resp: 225074

Ion Ratio Lower Upper

112 100

64 57.3 41.7 62.5

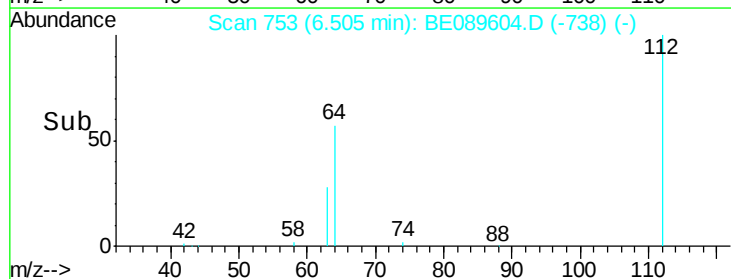
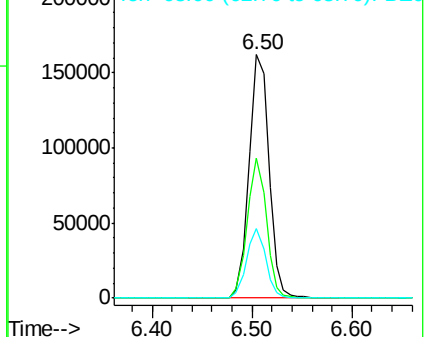
63 28.5 20.3 30.5

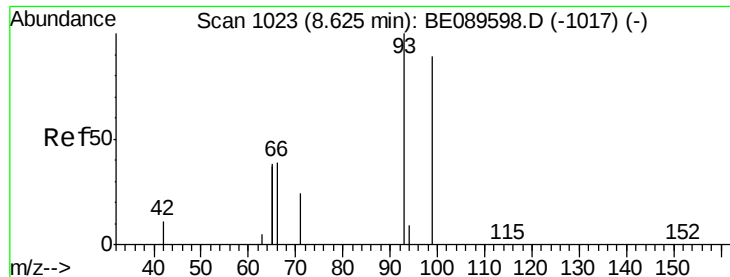


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#4

Phenol-d6

Concen: 13.07 ng

RT: 8.62 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BE089604.D

Acq: 17 Feb 2015 21:41

Instrument :

BNA_E

ClientSampleId :

PB81705BL

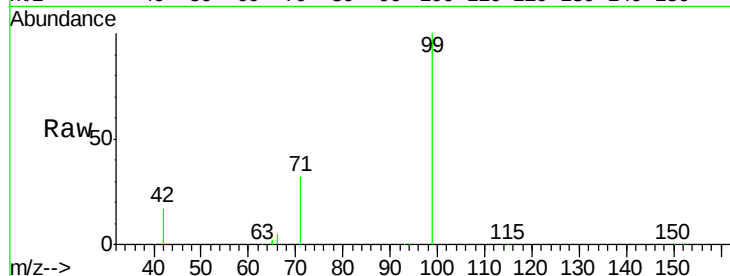
Tgt Ion: 99 Resp: 294691

Ion Ratio Lower Upper

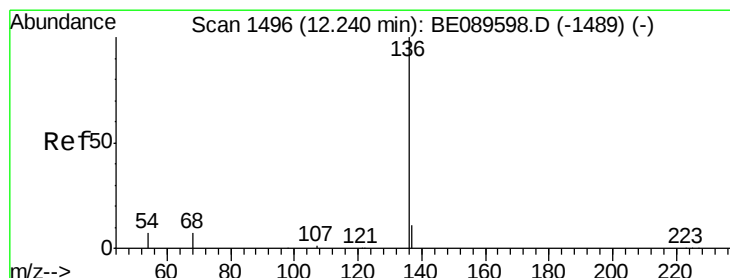
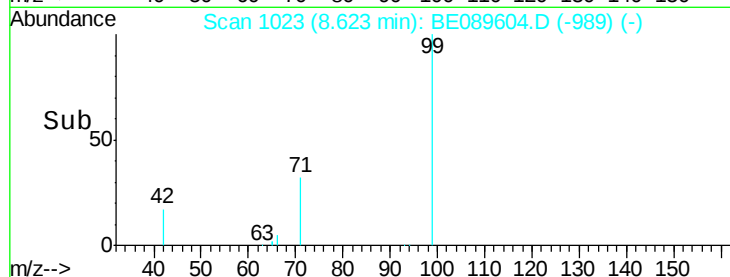
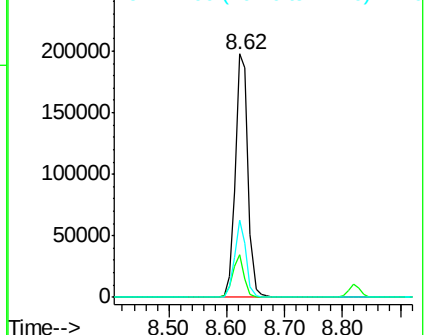
99 100

42 17.3 10.8 16.2#

71 31.9 21.8 32.6



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: 12.24 min Scan# 1496

Delta R.T. 0.00 min

Lab File: BE089604.D

Acq: 17 Feb 2015 21:41

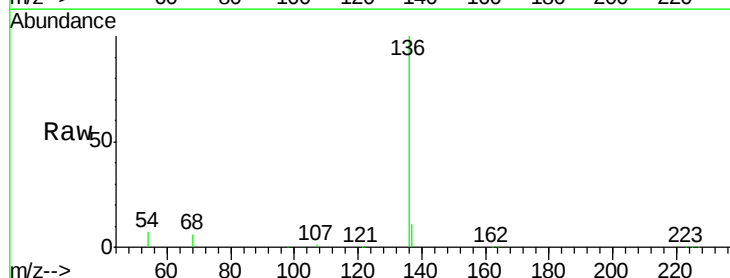
Tgt Ion: 136 Resp: 263924

Ion Ratio Lower Upper

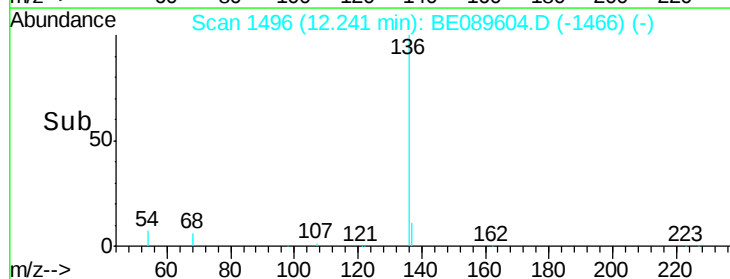
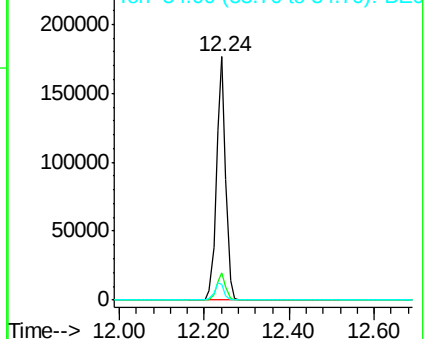
136 100

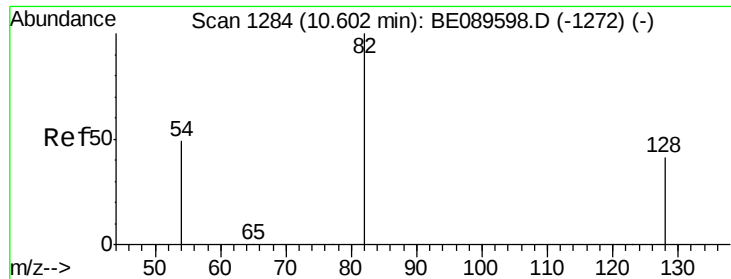
137 11.0 8.8 13.2

54 6.7 5.7 8.5



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: 9.62 ng

RT: 10.61 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BE089604.D

Acq: 17 Feb 2015 21:41

Instrument :

BNA_E

ClientSampleId :

PB81705BL

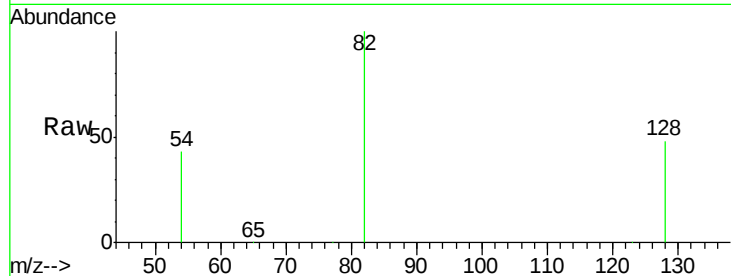
Tgt Ion: 82 Resp: 140664

Ion Ratio Lower Upper

82 100

128 48.0 33.2 49.8

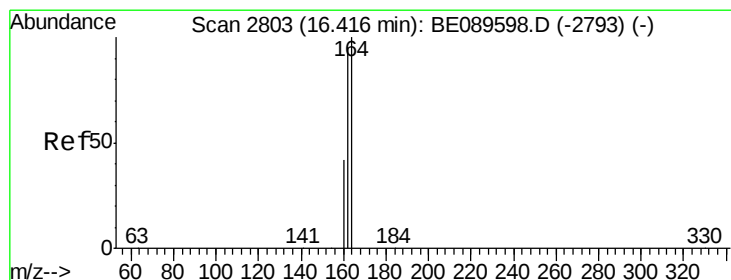
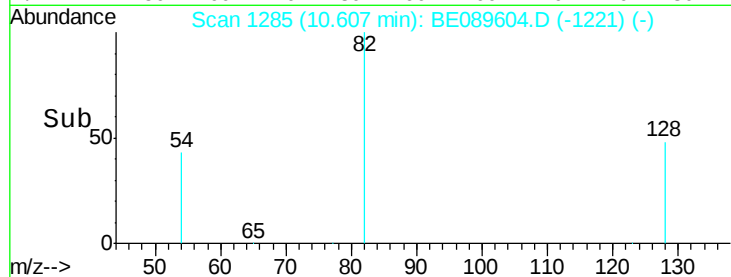
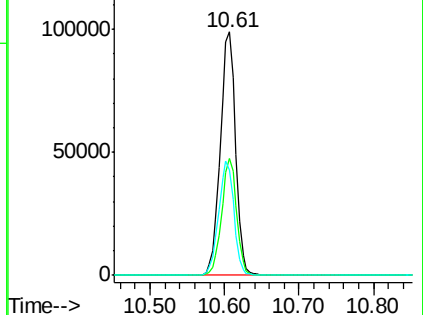
54 43.5 39.6 59.4



Abundance Ion 82.00 (81.70 to 82.70): BE089598.D (-1272) (-)

Ion 128.00 (127.70 to 128.70): BE089598.D (-1272) (-)

Ion 54.00 (53.70 to 54.70): BE089598.D (-1272) (-)



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 16.42 min Scan# 2802

Delta R.T. 0.00 min

Lab File: BE089604.D

Acq: 17 Feb 2015 21:41

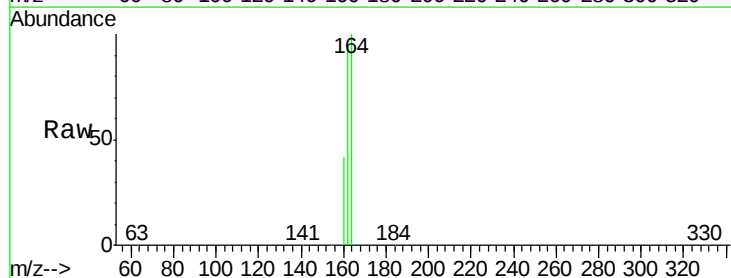
Tgt Ion: 164 Resp: 132819

Ion Ratio Lower Upper

164 100

162 94.2 76.3 114.5

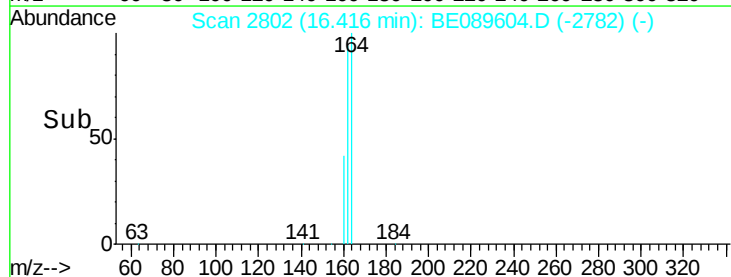
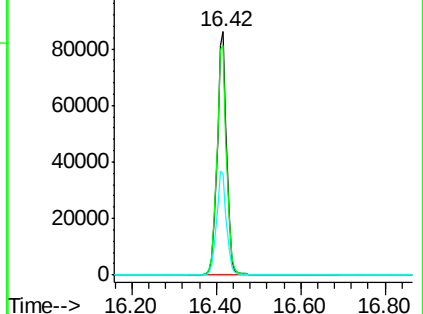
160 41.8 33.9 50.9

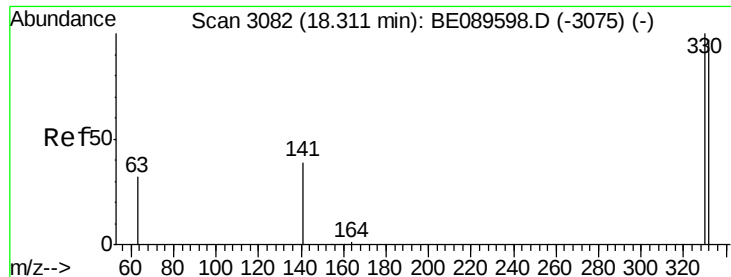


Abundance Ion 164.00 (163.70 to 164.70): BE089598.D (-2793) (-)

Ion 162.00 (161.70 to 162.70): BE089598.D (-2793) (-)

Ion 160.00 (159.70 to 160.70): BE089598.D (-2793) (-)





#14

2,4,6-Tribromophenol

Concen: 11.63 ng

RT: 18.31 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BE089604.D

Acq: 17 Feb 2015 21:41

Instrument :

BNA_E

ClientSampleId :

PB81705BL

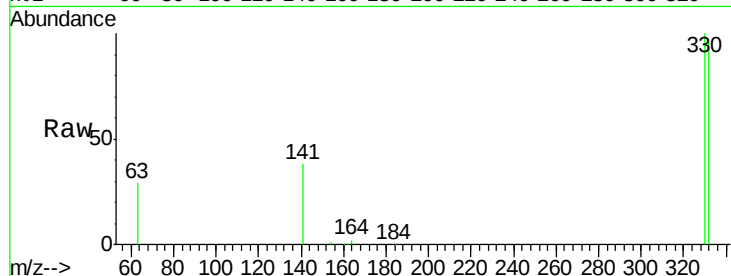
Tgt Ion:330 Resp: 45143

Ion Ratio Lower Upper

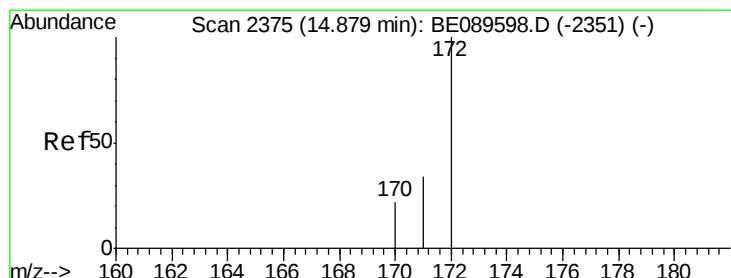
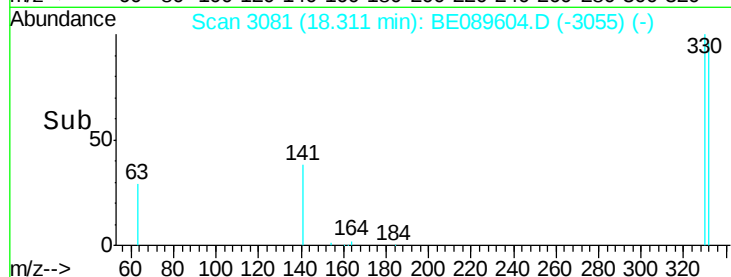
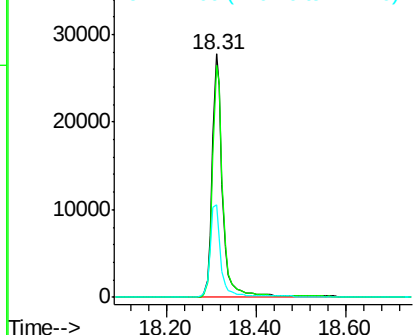
330 100

332 96.9 76.7 115.1

141 39.5 30.1 45.1



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



#15

2-Fluorobiphenyl

Concen: 9.42 ng

RT: 14.88 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BE089604.D

Acq: 17 Feb 2015 21:41

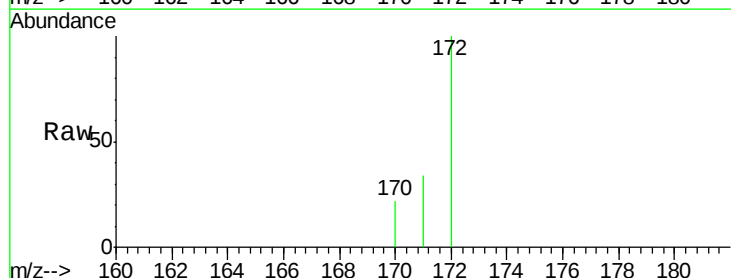
Tgt Ion:172 Resp: 334670

Ion Ratio Lower Upper

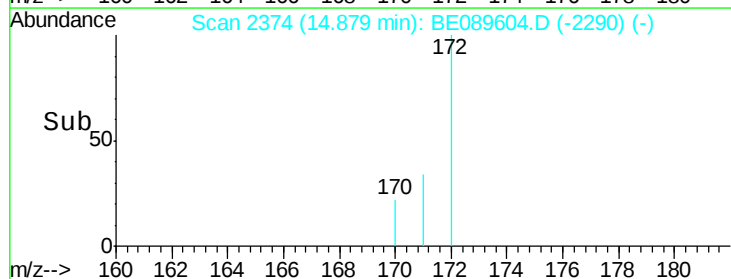
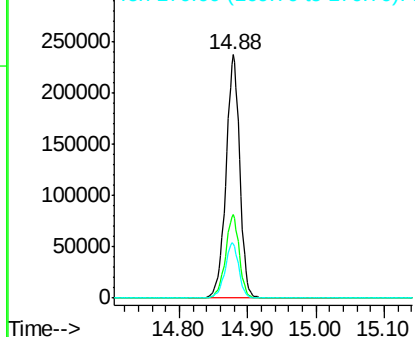
172 100

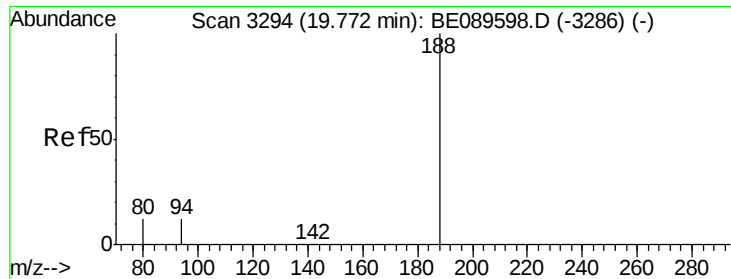
171 34.1 27.4 41.0

170 22.4 17.9 26.9



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

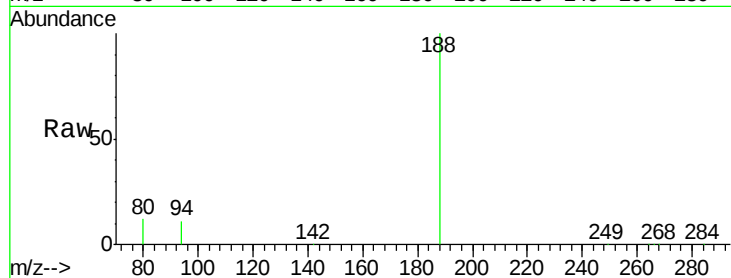




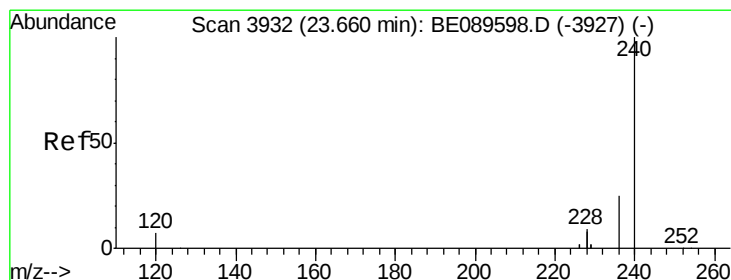
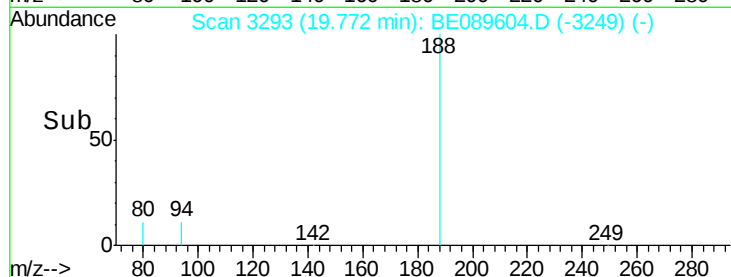
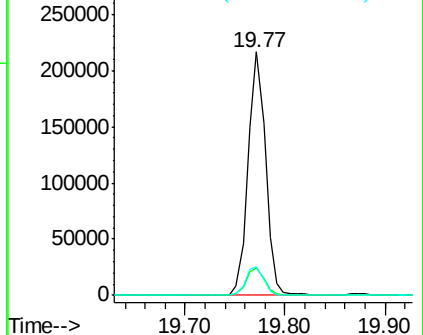
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.77 min Scan# 3293
Delta R.T. -0.00 min
Lab File: BE089604.D
Acq: 17 Feb 2015 21:41

Instrument :
BNA_E
ClientSampleId :
PB81705BL

Tgt Ion:188 Resp: 263330
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 11.5 9.8 14.8

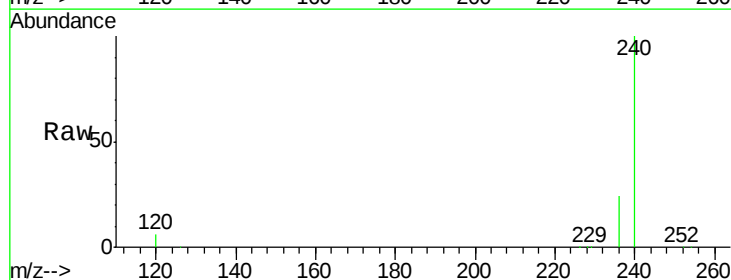


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

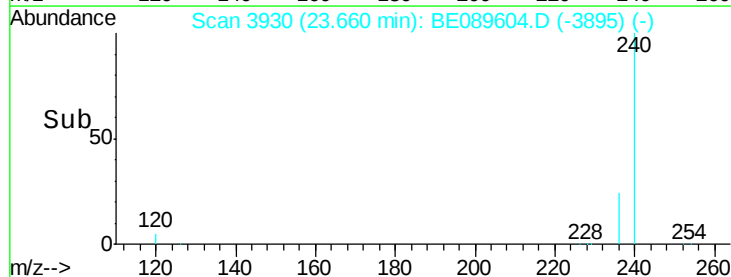
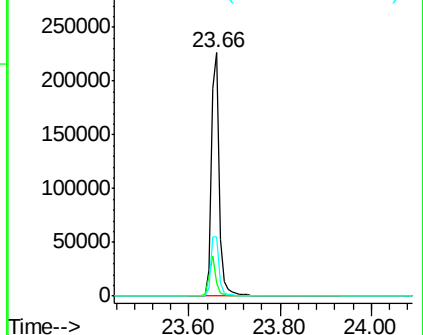


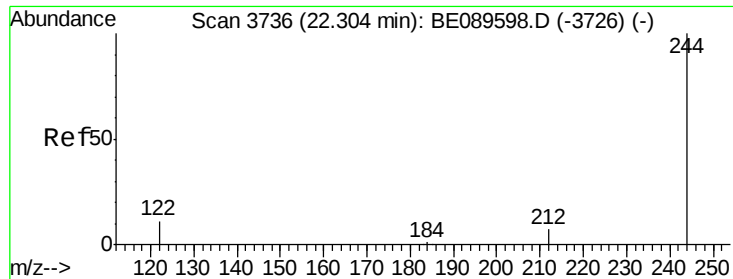
#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.66 min Scan# 3930
Delta R.T. 0.00 min
Lab File: BE089604.D
Acq: 17 Feb 2015 21:41

Tgt Ion:240 Resp: 276737
Ion Ratio Lower Upper
240 100
120 5.5 5.4 8.0
236 24.4 19.8 29.6



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

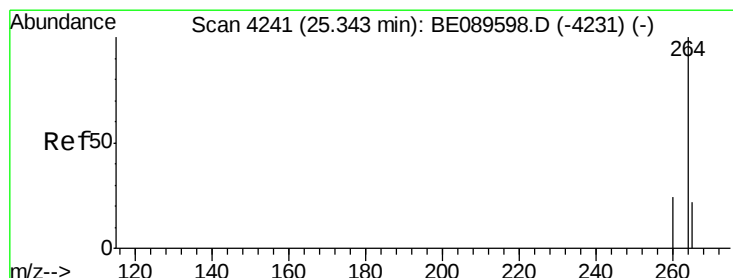
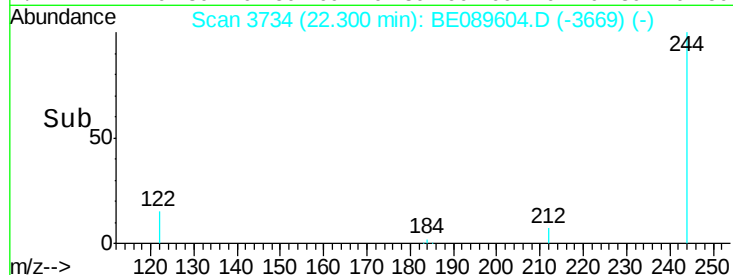
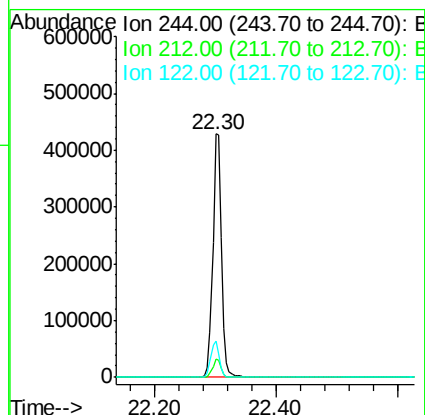
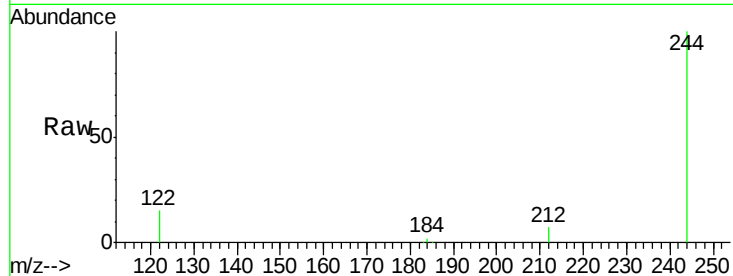




#22
 Terphenyl-d14
 Concen: 11.60 ng
 RT: 22.30 min Scan# 3734
 Delta R.T. -0.00 min
 Lab File: BE089604.D
 Acq: 17 Feb 2015 21:41

Instrument :
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Tgt Ion:244 Resp: 433460
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 15.1 8.6 13.0#



#27
 Perylene-d12
 Concen: 5.00 ng
 RT: 25.34 min Scan# 4238
 Delta R.T. -0.00 min
 Lab File: BE089604.D
 Acq: 17 Feb 2015 21:41

Tgt Ion:264 Resp: 253388
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.0 28.4
 265 21.2 17.8 26.8

