

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020315\
 Data File : BE089474.D
 Acq On : 3 Feb 2015 21:32
 Operator : TP/IZ
 Sample : PB81559BL
 Misc : 4 TIME INT STD
 ALS Vial : 56 Sample Multiplier: 4

Instrument :
 BNA_E
 ClientSampleId :
 PB81559BL

Quant Time: Feb 04 11:58:29 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	9.53	152	382055	5.00	ng	0.00
7) Naphthalene-d8	12.43	136	1435373	5.00	ng	0.00
13) Acenaphthene-d10	16.61	164	605020	5.00	ng	0.00
17) Phenanthrene-d10	19.94	188	1091313	5.00	ng	0.00
20) Chrysene-d12	23.79	240	1016124	5.00	ng	0.00
27) Perylene-d12	25.50	264	980976	5.00	ng	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	6.76	112	3113624	100.80	ng	0.04
4) Phenol-d6	8.87	99	3833545	98.89	ng	0.03
8) Nitrobenzene-d5	10.81	82	2373250	87.44	ng	0.02
14) 2,4,6-Tribromophenol	18.53	330	658231	99.33	ng	0.02
15) 2-Fluorobiphenyl	15.08	172	3022830	75.85	ng	0.01
22) Terphenyl-d14	22.45	244	2867672	79.64	ng	0.02

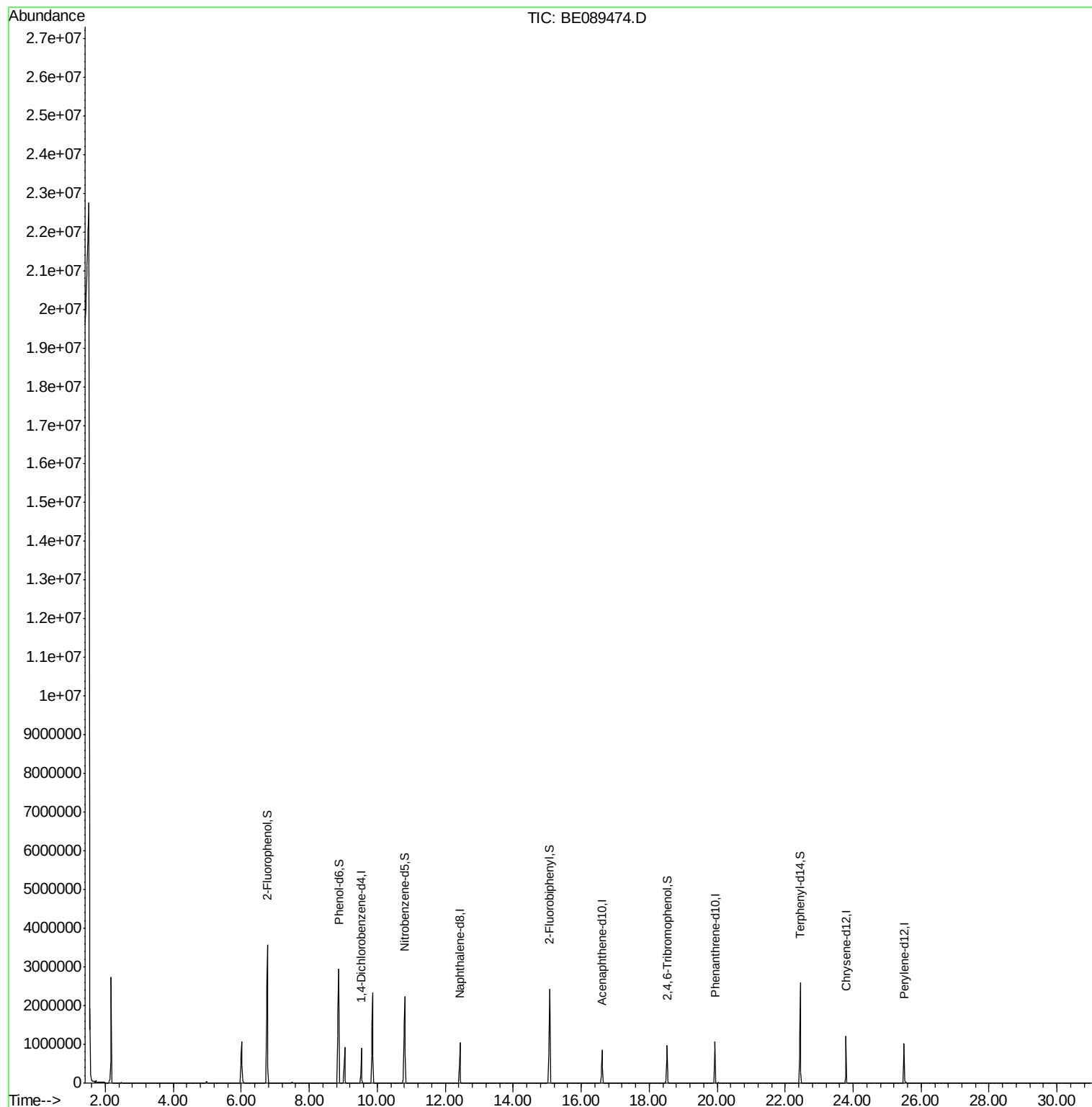
Target Compounds	Qvalue
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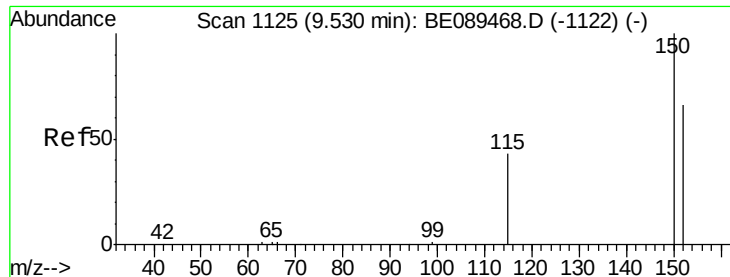
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 04 00:53:32 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.53 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BE089474.D

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BNA_E

ClientSampleId :

PB81559BL

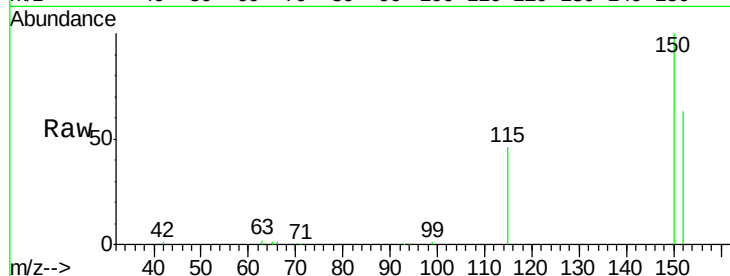
Tgt Ion:152 Resp: 382055

Ion Ratio Lower Upper

152 100

150 158.0 122.1 183.1

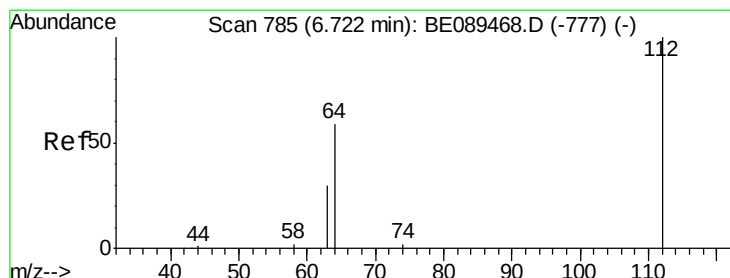
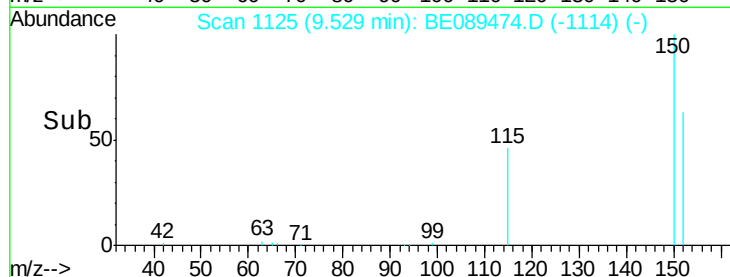
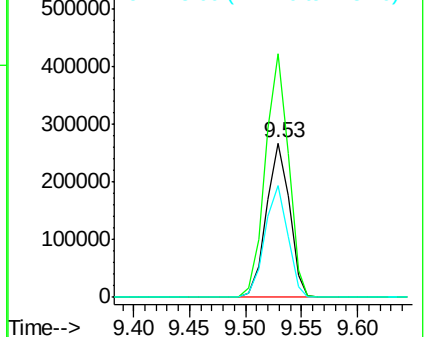
115 72.2 53.2 79.8



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: 100.80 ng

RT: 6.76 min Scan# 791

Delta R.T. 0.04 min

Lab File: BE089474.D

Acq: 3 Feb 2015 21:32

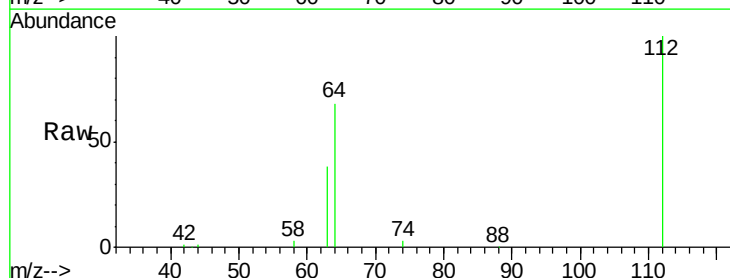
Tgt Ion:112 Resp: 3113624

Ion Ratio Lower Upper

112 100

64 67.9 47.0 70.6

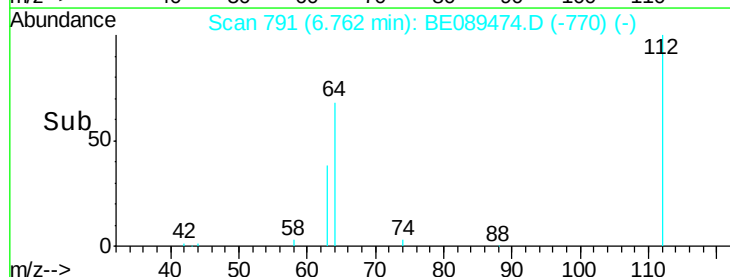
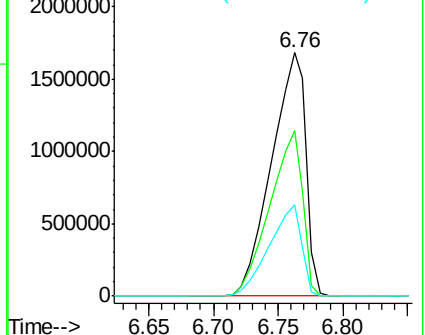
63 37.5 24.2 36.2#

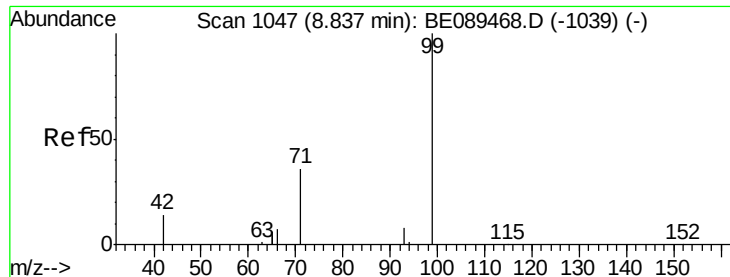


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#4

Phenol-d6

Concen: 98.89 ng

RT: 8.87 min Scan# 1051

Delta R.T. 0.03 min

Lab File: BE089474.D

Acq: 3 Feb 2015 21:32

Instrument :

BNA_E

ClientSampleId :

PB81559BL

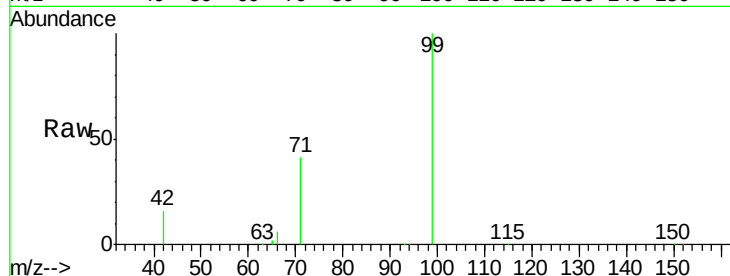
Tgt Ion: 99 Resp: 3833545

Ion Ratio Lower Upper

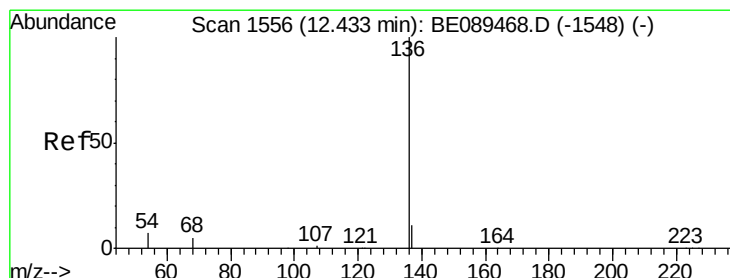
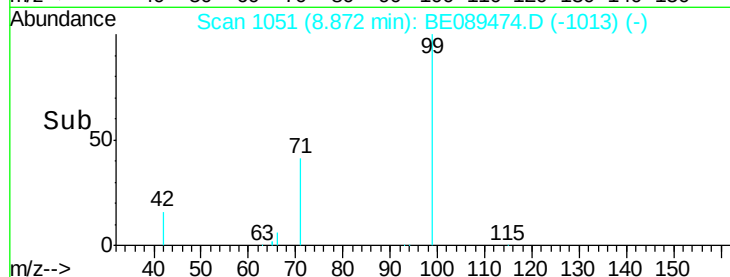
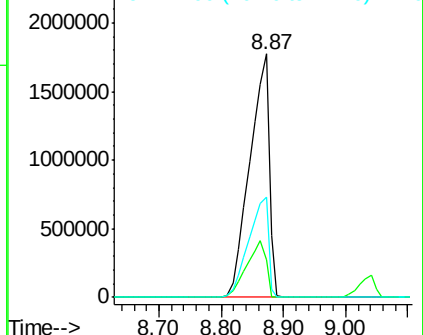
99 100

42 15.6 11.8 17.6

71 41.3 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: 12.43 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BE089474.D

Acq: 3 Feb 2015 21:32

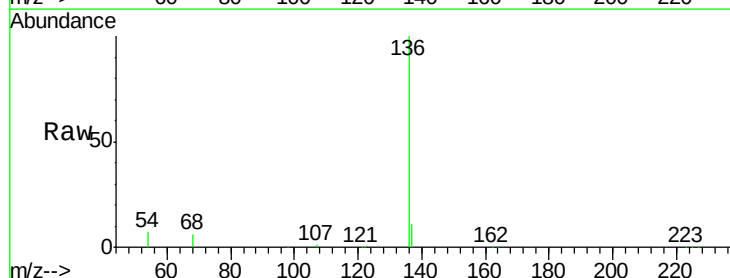
Tgt Ion: 136 Resp: 1435373

Ion Ratio Lower Upper

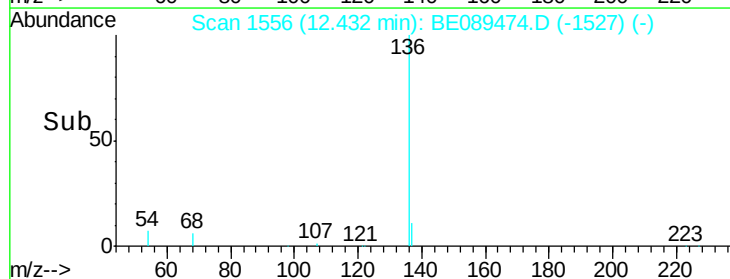
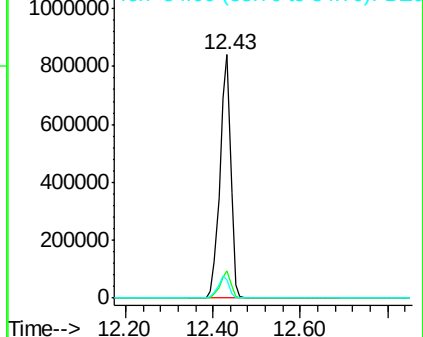
136 100

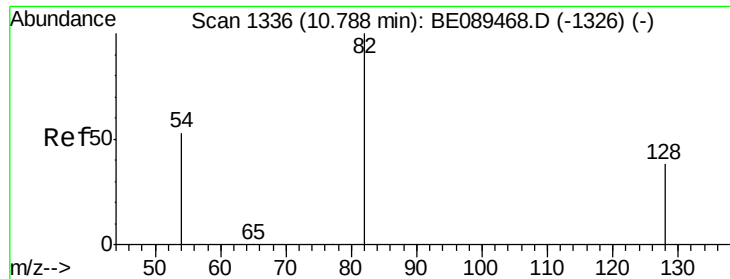
137 11.1 8.6 13.0

54 7.4 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: 87.44 ng

RT: 10.81 min Scan# 1341

Delta R.T. 0.02 min

Lab File: BE089474.D

Acq: 3 Feb 2015 21:32

Instrument :

BNA_E

ClientSampleId :

PB81559BL

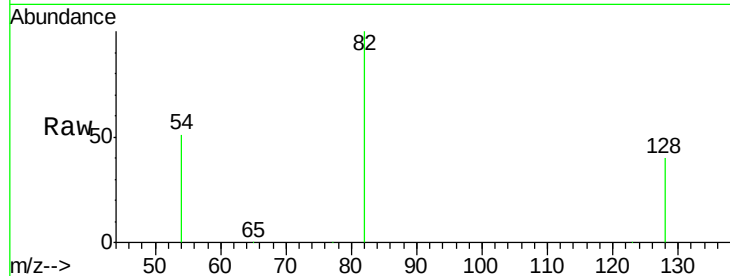
Tgt Ion: 82 Resp: 2373250

Ion Ratio Lower Upper

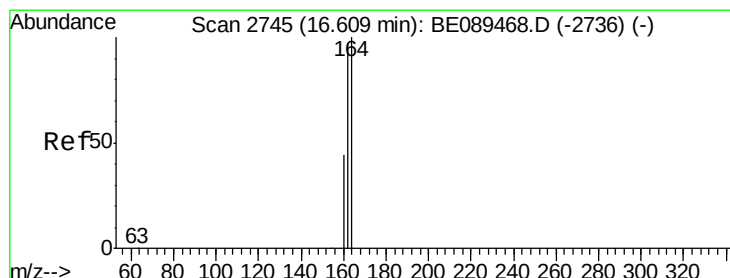
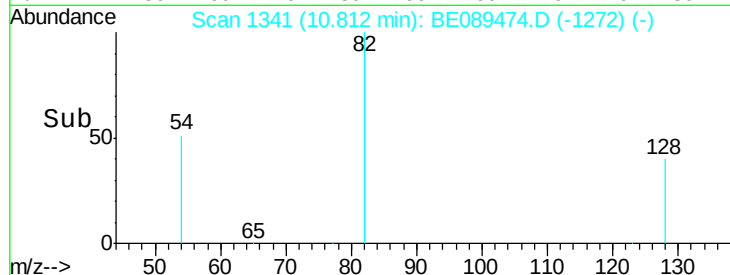
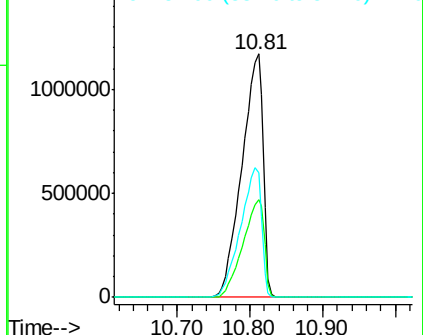
82 100

128 40.2 30.3 45.5

54 51.4 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: 16.61 min Scan# 2745

Delta R.T. 0.00 min

Lab File: BE089474.D

Acq: 3 Feb 2015 21:32

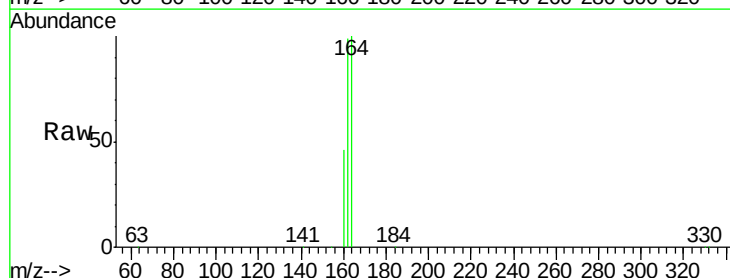
Tgt Ion: 164 Resp: 605020

Ion Ratio Lower Upper

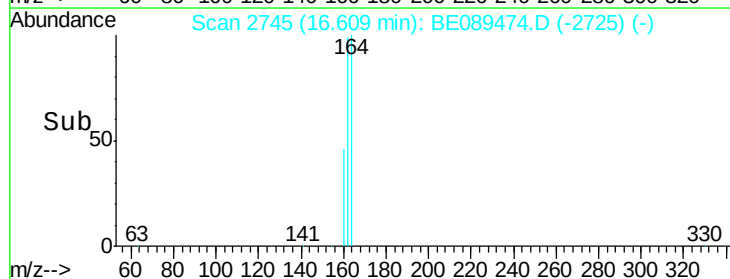
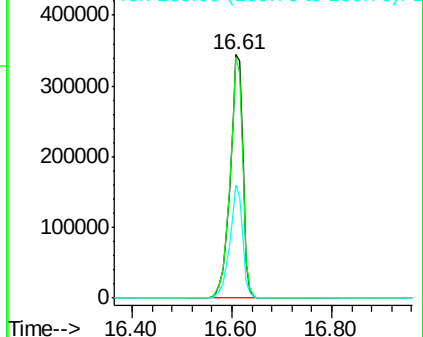
164 100

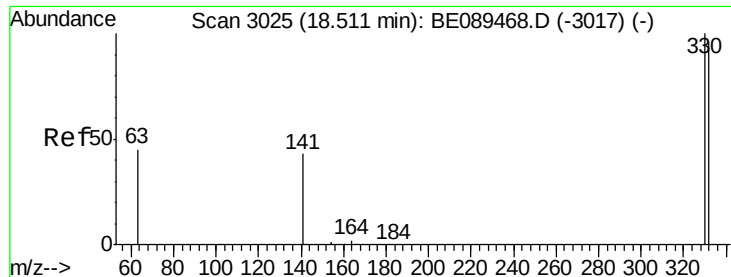
162 98.9 77.6 116.4

160 46.3 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

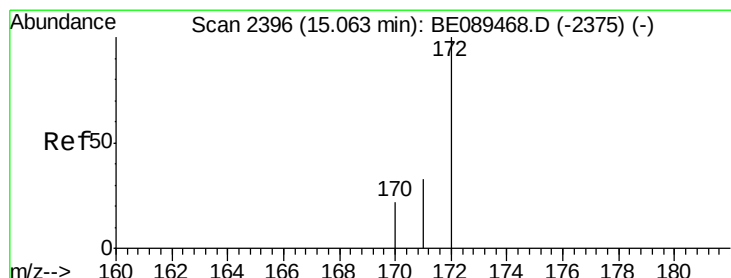
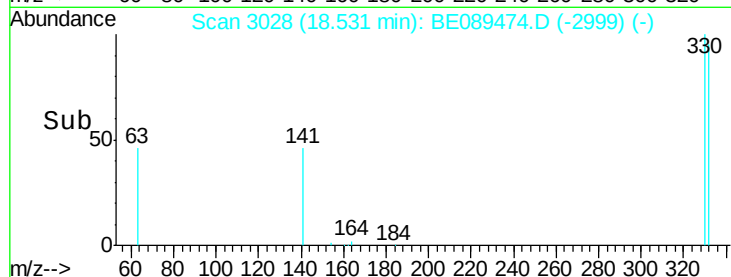
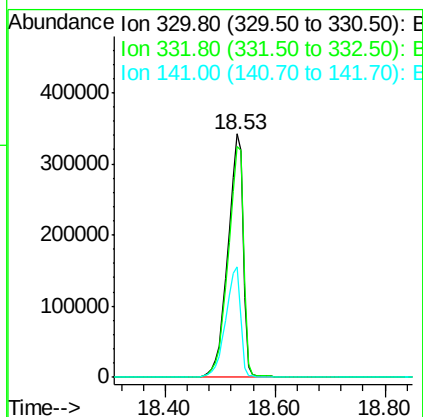
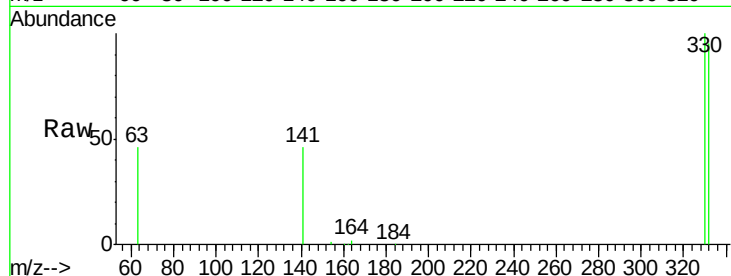




#14
 2,4,6-Tribromophenol
 Concen: 99.33 ng
 RT: 18.53 min Scan# 3028
 Delta R.T. 0.02 min
 Lab File: BE089474.D
 Acq: 3 Feb 2015 21:32

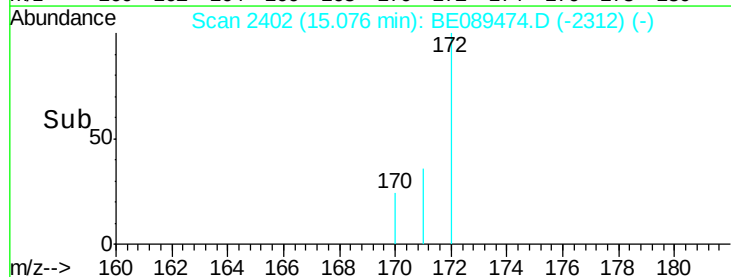
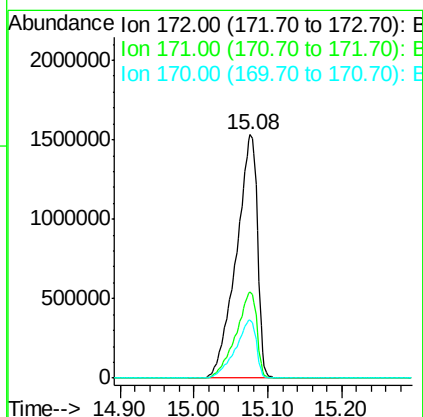
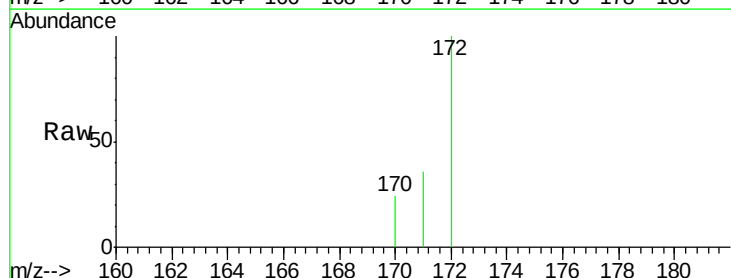
Instrument :
 BNA_E
 ClientSampled :
 PB81559BL

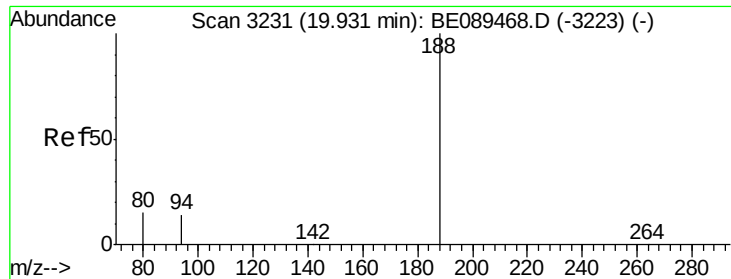
Tgt Ion: 330 Resp: 658231
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.0 117.0
 141 44.7 33.8 50.6



#15
 2-Fluorobiphenyl
 Concen: 75.85 ng
 RT: 15.08 min Scan# 2402
 Delta R.T. 0.01 min
 Lab File: BE089474.D
 Acq: 3 Feb 2015 21:32

Tgt Ion: 172 Resp: 3022830
 Ion Ratio Lower Upper
 172 100
 171 35.5 26.8 40.2
 170 23.8 17.7 26.5

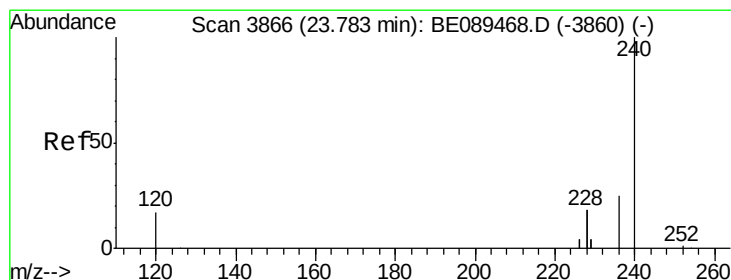
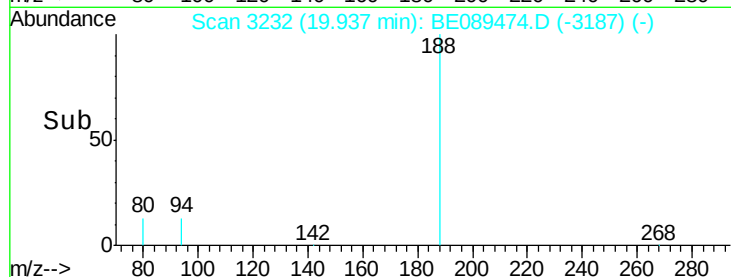
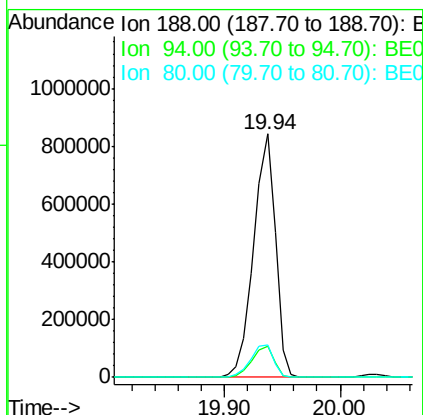
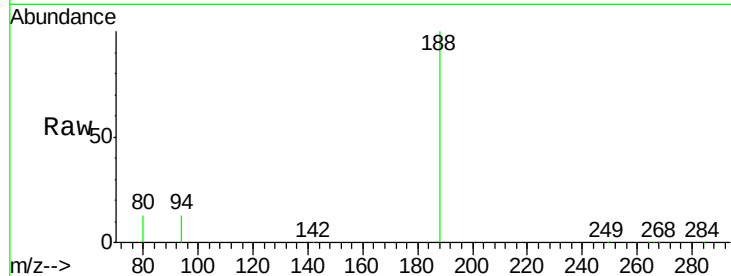




#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.94 min Scan# 3232
Delta R.T. 0.01 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

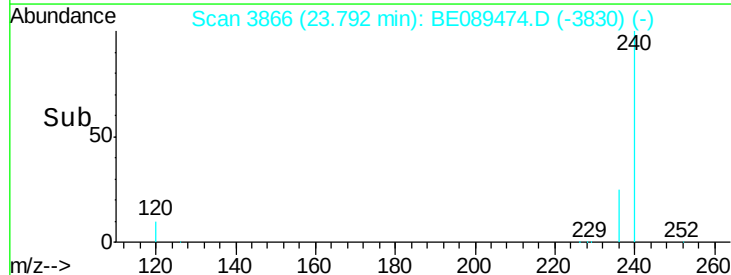
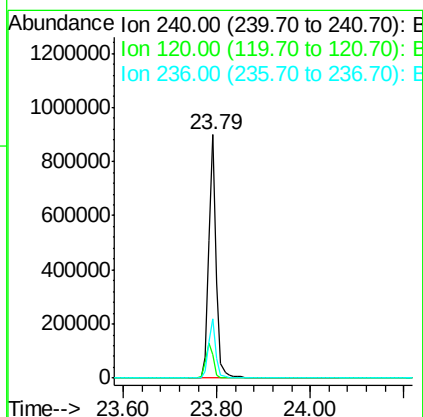
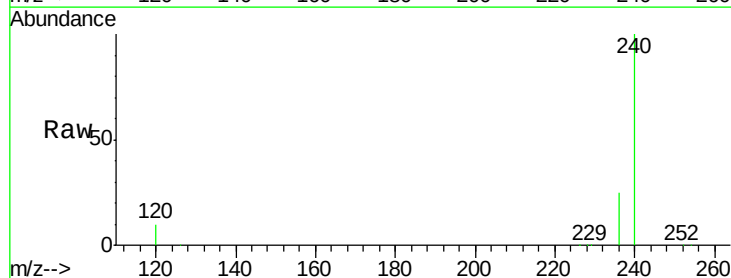
Instrument :
BNA_E
ClientSampled :
PB81559BL

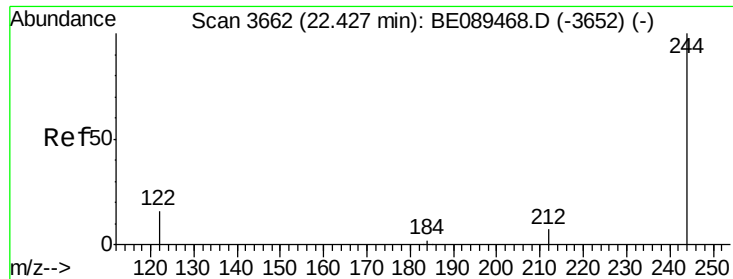
Tgt Ion:188 Resp: 1091313
Ion Ratio Lower Upper
188 100
94 12.7 11.1 16.7
80 13.5 11.8 17.6



#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.79 min Scan# 3866
Delta R.T. 0.01 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Tgt Ion:240 Resp: 1016124
Ion Ratio Lower Upper
240 100
120 9.6 13.8 20.6#
236 24.6 20.2 30.2

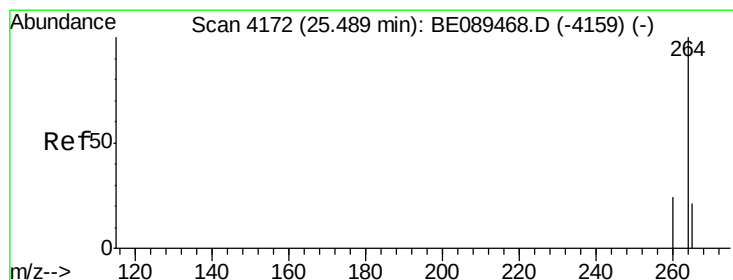
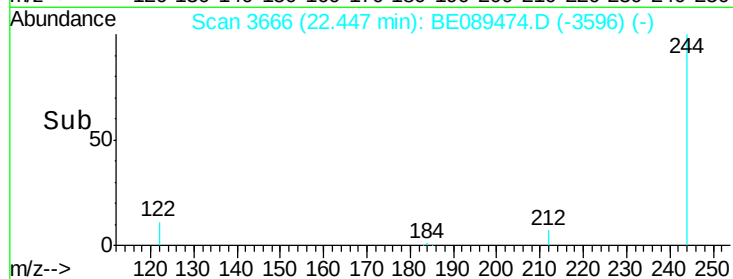
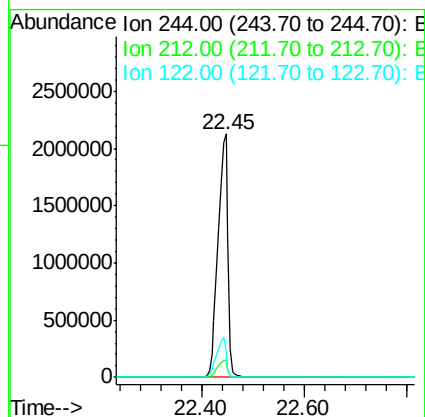
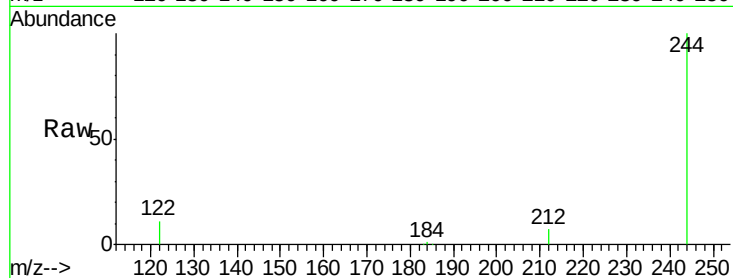




#22
 Terphenyl-d14
 Concen: 79.64 ng
 RT: 22.45 min Scan# 3666
 Delta R.T. 0.02 min
 Lab File: BE089474.D
 Acq: 3 Feb 2015 21:32

Instrument :
 BNA_E
 ClientSampleId :
 PB81559BL

Tgt Ion:244 Resp: 2867672
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 10.8 12.6 19.0#



#27
 Perylene-d12
 Concen: 5.00 ng
 RT: 25.50 min Scan# 4173
 Delta R.T. 0.01 min
 Lab File: BE089474.D
 Acq: 3 Feb 2015 21:32

Tgt Ion:264 Resp: 980976
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.9 17.0 25.6

