

Data Path : Z:\HPCHEM1\BNA E\DATA\BE021615\
 Data File : BE089579.D
 Acq On : 16 Feb 2015 21:46
 Operator : TP/IZ
 Sample : PB81705BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB81705BL

Quant Time: Feb 17 03:43:56 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SIM-BE021615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 16 18:23:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	83133	5.00	ng	0.00
7) Naphthalene-d8	12.25	136	331644	5.00	ng	0.00
13) Acenaphthene-d10	16.42	164	159494	5.00	ng	0.00
17) Phenanthrene-d10	19.77	188	308778	5.00	ng	0.00
20) Chrysene-d12	23.66	240	334619	5.00	ng	0.00
27) Perylene-d12	25.34	264	330703	5.00	ng	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	6.50	112	286511	11.93	ng	0.00
4) Phenol-d6	8.62	99	374690	11.76	ng	0.00
8) Nitrobenzene-d5	10.61	82	175487	12.45	ng	0.00
14) 2,4,6-Tribromophenol	18.31	330	57860	16.10	ng	0.00
15) 2-Fluorobiphenyl	14.88	172	408295	9.48	ng	0.00
22) Terphenyl-d14	22.31	244	502241	10.89	ng	0.00

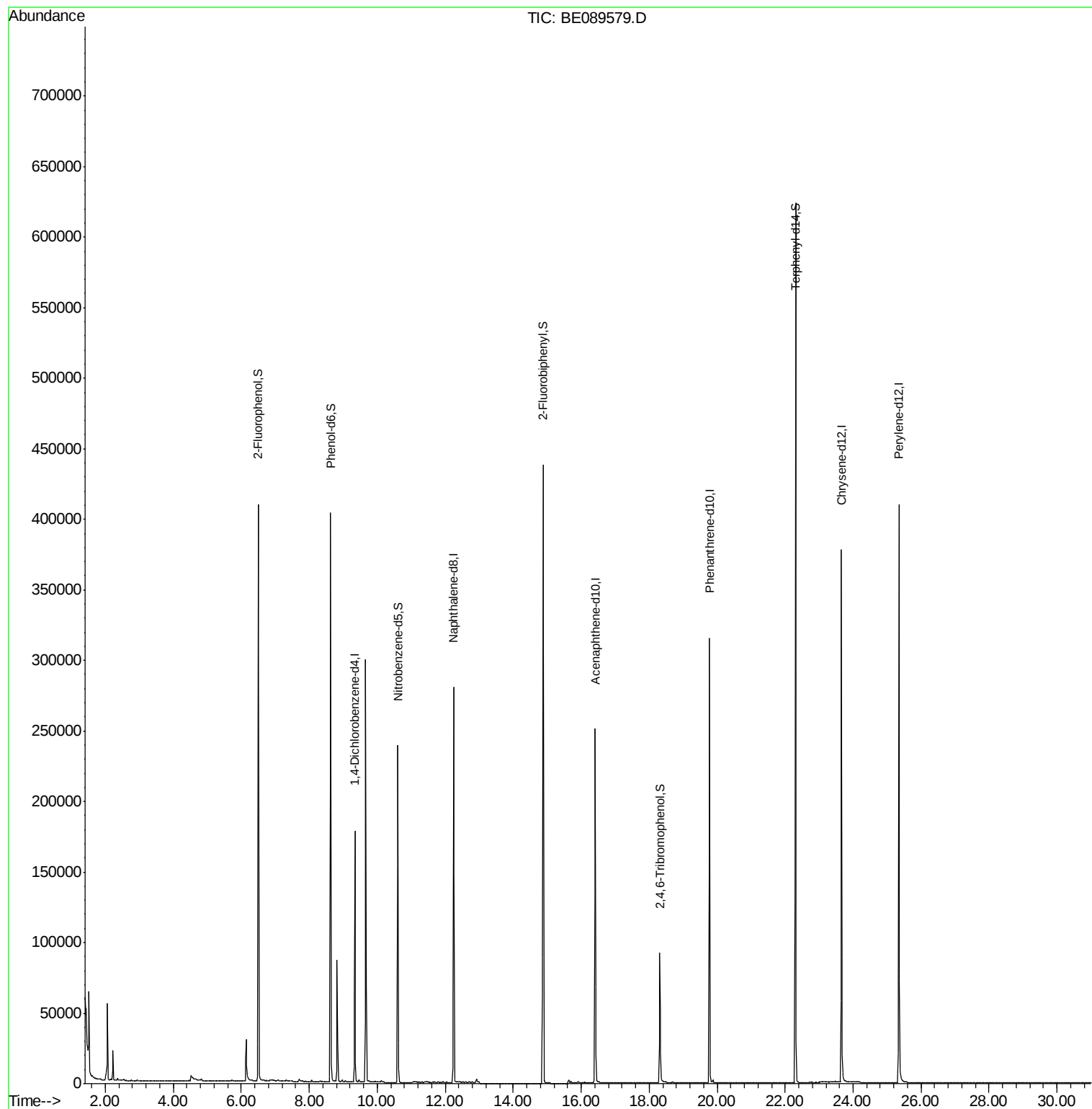
Target Compounds Qvalue

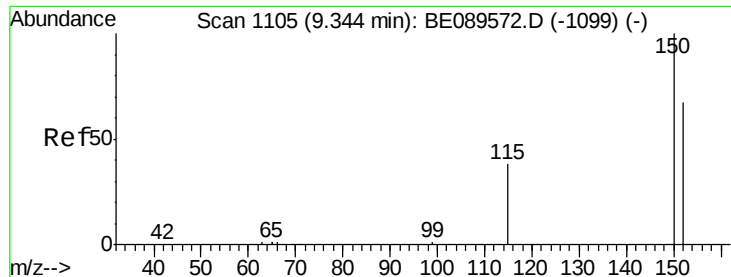
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.34 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BE089579.D

Acq: 16 Feb 2015 21:46

Instrument :

BNA_E

ClientSampleId :

PB81705BL

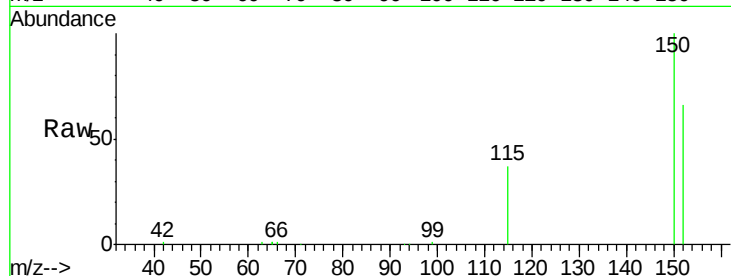
Tot Ion:152 Resp: 83133

Ion Ratio Lower Upper

152 100

150 151.5 120.2 180.2

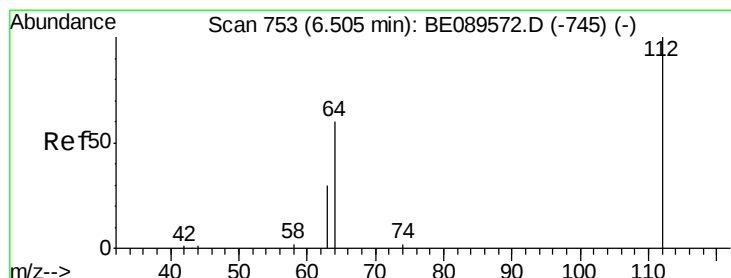
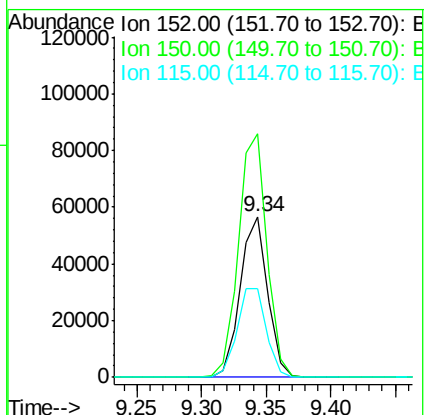
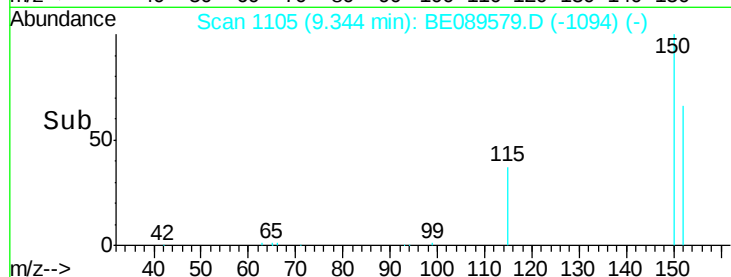
115 55.5 45.2 67.8



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: 11.93 ng

RT: 6.50 min Scan# 753

Delta R.T. -0.00 min

Lab File: BE089579.D

Acq: 16 Feb 2015 21:46

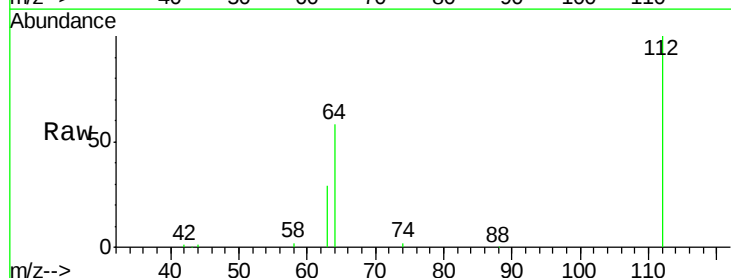
Tgt Ion:112 Resp: 286511

Ion Ratio Lower Upper

112 100

64 58.1 48.6 72.8

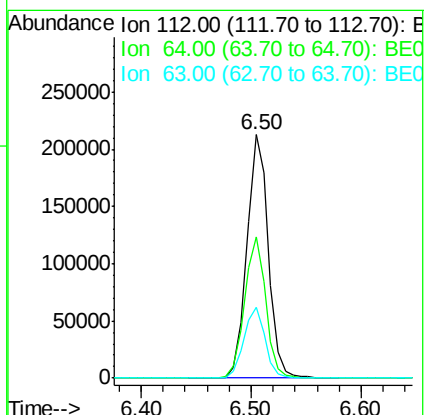
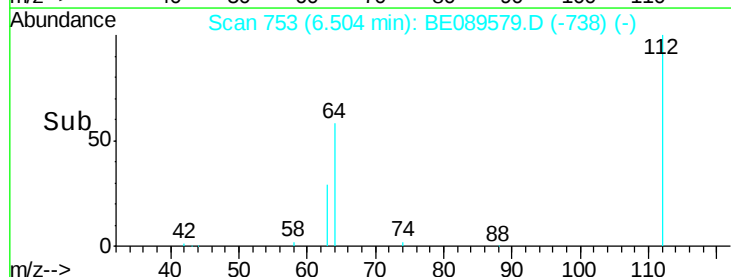
63 28.9 24.6 37.0

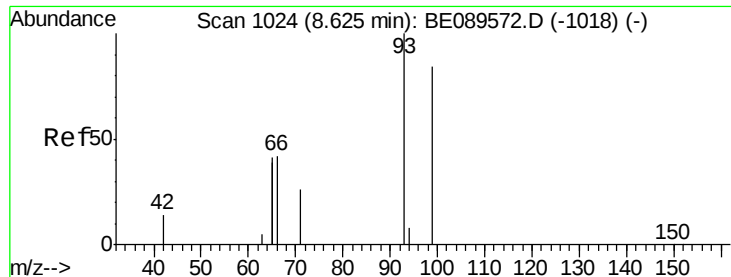


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#4

Phenol-d6

Concen: 11.76 ng

RT: 8.62 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BE089579.D

Acq: 16 Feb 2015 21:46

Instrument :

BNA_E

ClientSampleId :

PB81705BL

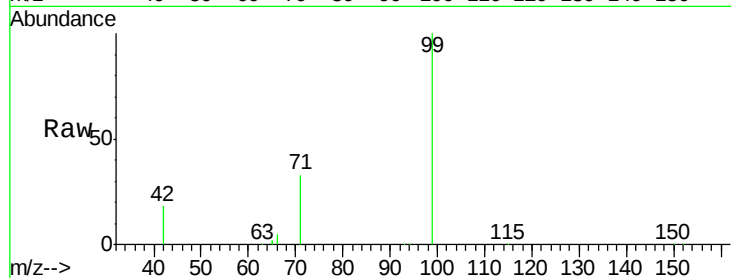
Tot Ion: 99 Resp: 374690

Ion Ratio Lower Upper

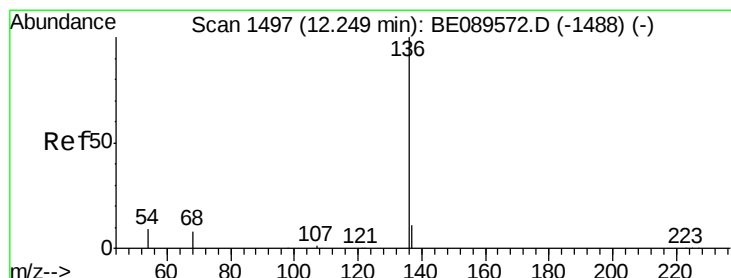
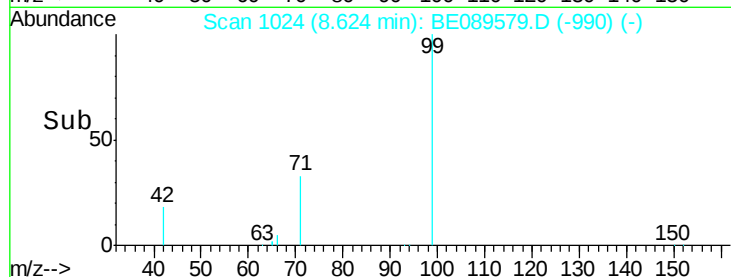
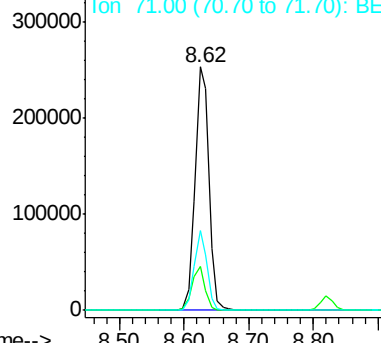
99 100

42 18.0 13.9 20.9

71 32.8 25.2 37.8



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: 12.25 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BE089579.D

Acq: 16 Feb 2015 21:46

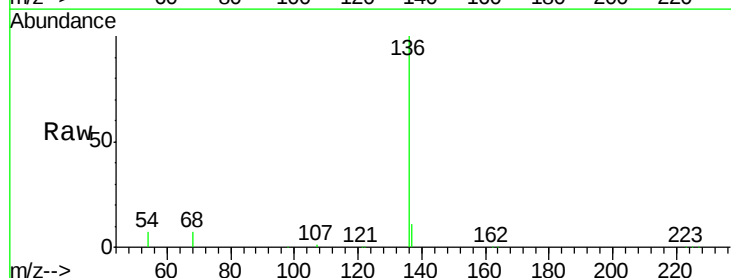
Tgt Ion: 136 Resp: 331644

Ion Ratio Lower Upper

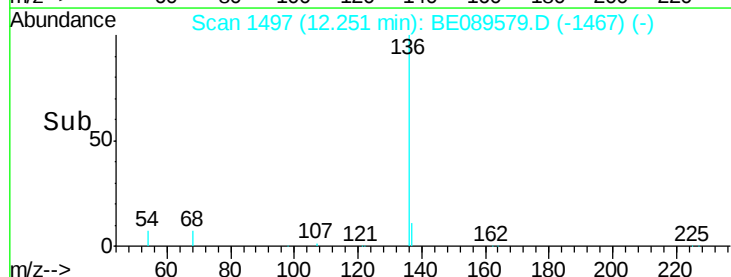
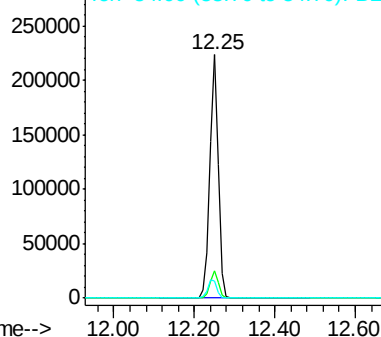
136 100

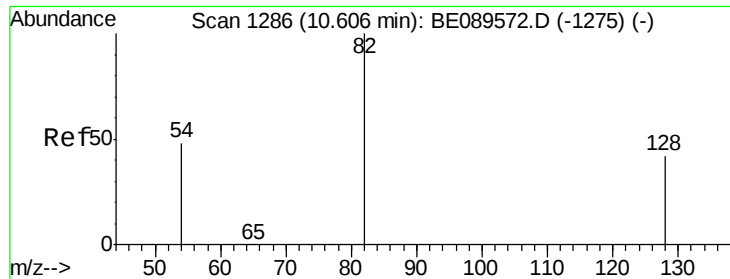
137 11.1 8.7 13.1

54 7.2 7.0 10.4



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: 12.45 ng

RT: 10.61 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BE089579.D

Acq: 16 Feb 2015 21:46

Instrument :

BNA_E

ClientSampleId :

PB81705BL

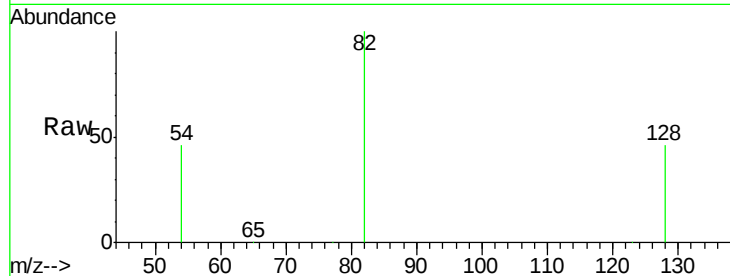
Tot Ion: 82 Resp: 175487

Ion Ratio Lower Upper

82 100

128 45.7 33.8 50.6

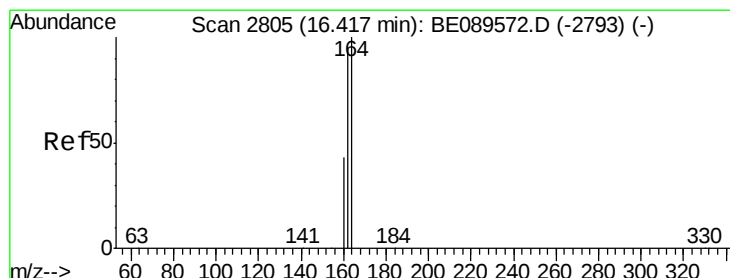
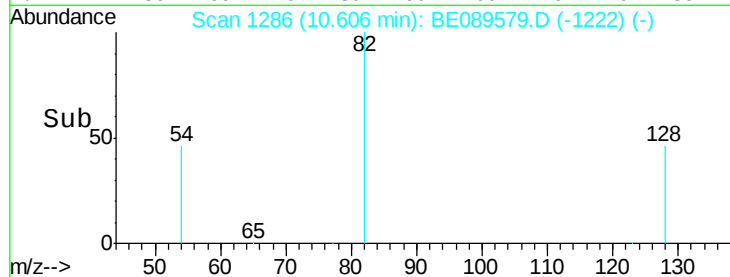
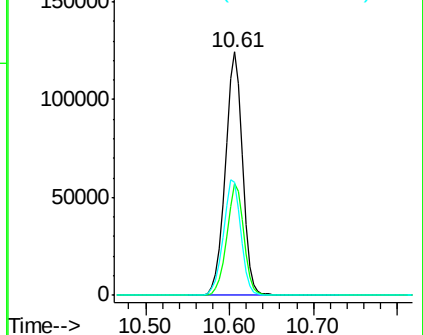
54 46.5 39.0 58.6



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: 16.42 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BE089579.D

Acq: 16 Feb 2015 21:46

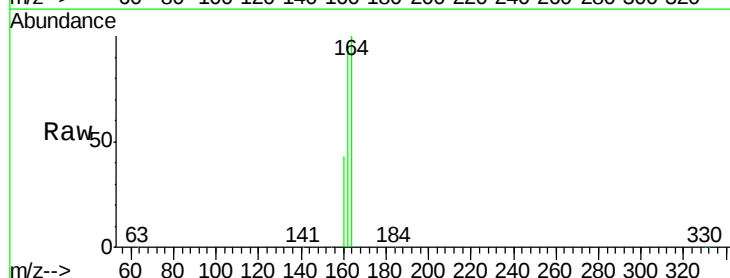
Tgt Ion: 164 Resp: 159494

Ion Ratio Lower Upper

164 100

162 95.2 76.2 114.4

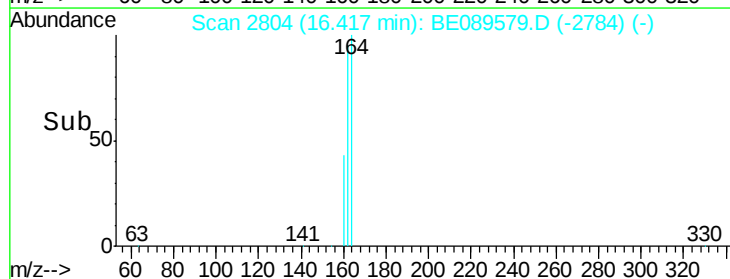
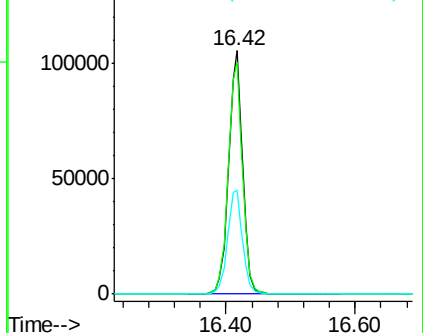
160 42.9 34.7 52.1

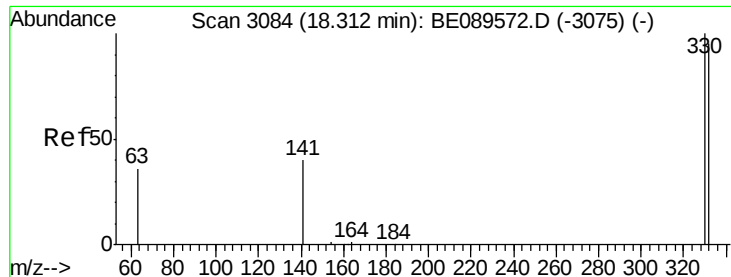


Abundance Ion 164.00 (163.70 to 164.70): BE0

Ion 162.00 (161.70 to 162.70): BE0

Ion 160.00 (159.70 to 160.70): BE0

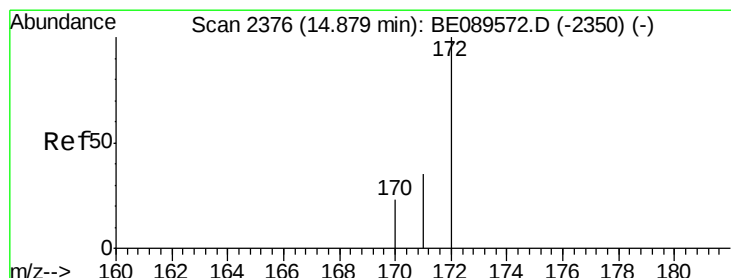
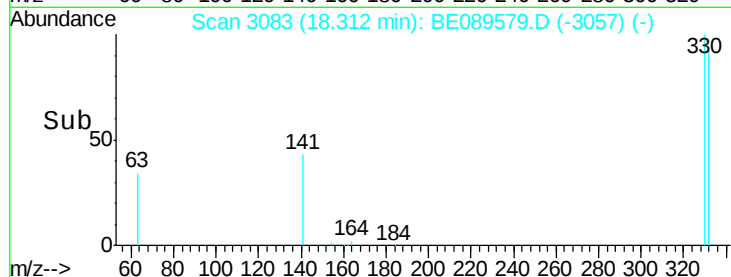
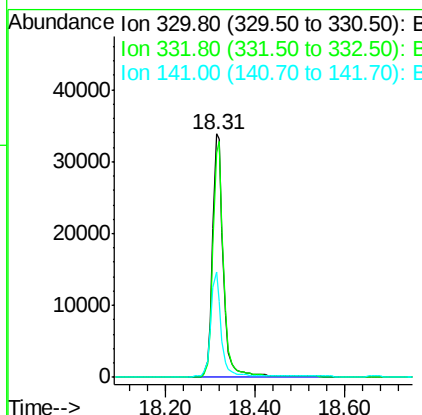
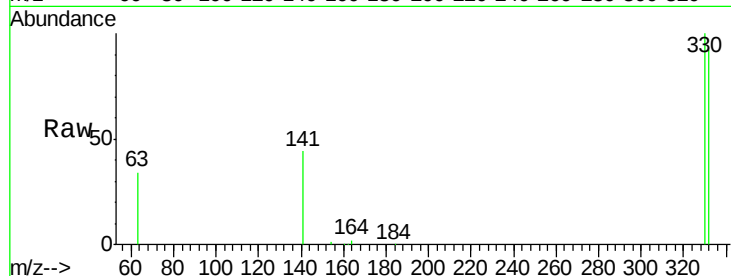




#14
 2,4,6-Tribromophenol
 Concen: 16.10 ng
 RT: 18.31 min Scan# 3083
 Delta R.T. -0.00 min
 Lab File: BE089579.D
 Acq: 16 Feb 2015 21:46

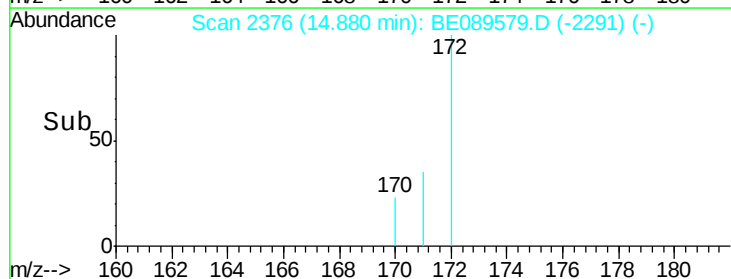
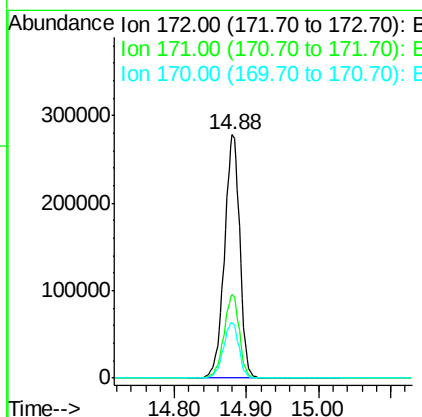
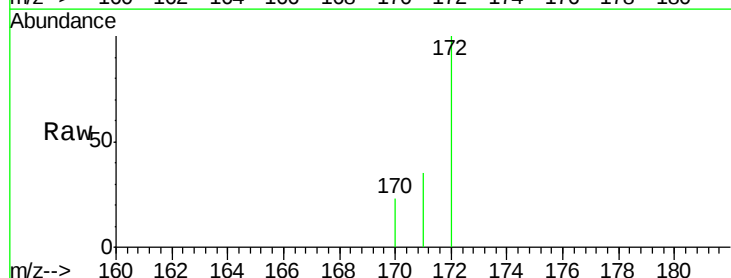
Instrument :
 BNA_E
 ClientSampleId :
 PB81705BL

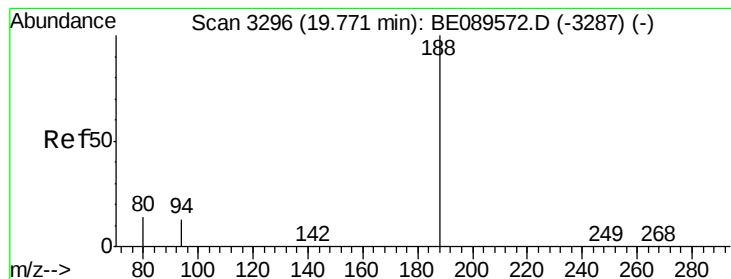
Tot Ion:330 Resp: 57860
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.3 117.5
 141 41.2 33.4 50.0



#15
 2-Fluorobiphenyl
 Concen: 9.48 ng
 RT: 14.88 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: BE089579.D
 Acq: 16 Feb 2015 21:46

Tgt Ion:172 Resp: 408295
 Ion Ratio Lower Upper
 172 100
 171 34.6 27.8 41.6
 170 23.0 18.5 27.7





#17

Phenanthrene-d10

Concen: 5.00 ng

RT: 19.77 min Scan# 3295

Delta R.T. -0.00 min

Lab File: BE089579.D

Acq: 16 Feb 2015 21:46

Instrument :

BNA_E

ClientSampleId :

PB81705BL

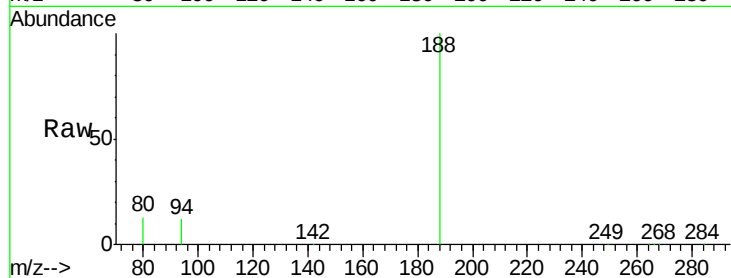
Tot Ion:188 Resp: 308778

Ion Ratio Lower Upper

188 100

94 12.3 10.2 15.4

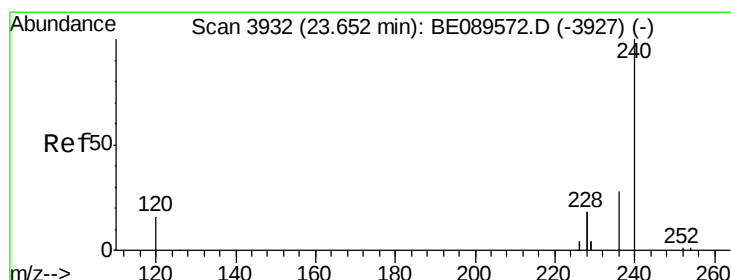
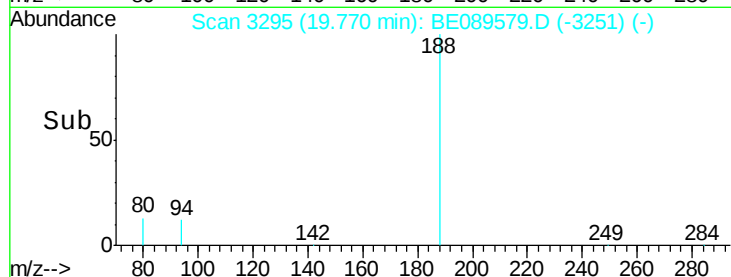
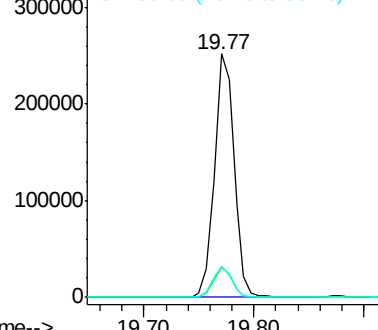
80 12.9 11.0 16.6



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: 23.66 min Scan# 3932

Delta R.T. 0.01 min

Lab File: BE089579.D

Acq: 16 Feb 2015 21:46

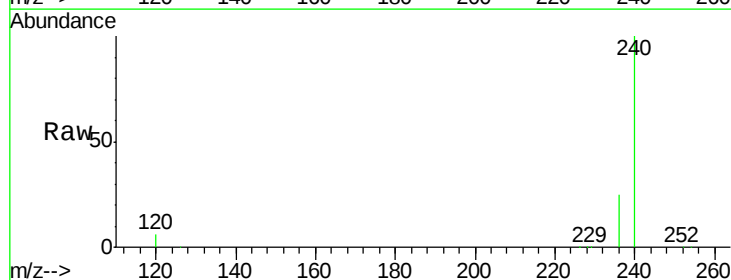
Tgt Ion:240 Resp: 334619

Ion Ratio Lower Upper

240 100

120 5.7 12.7 19.1#

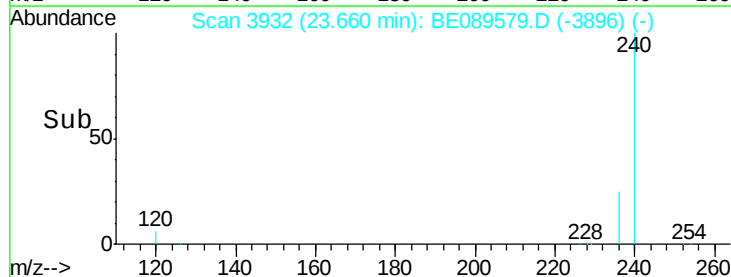
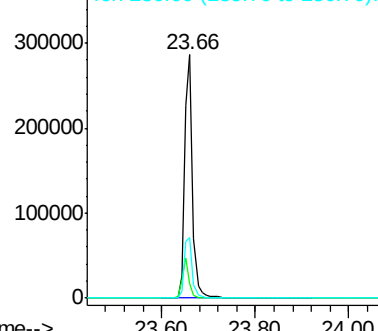
236 24.9 22.7 34.1

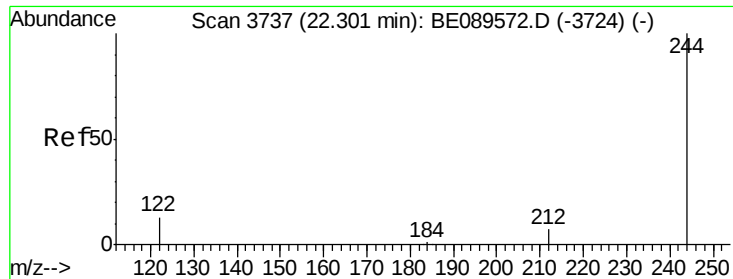


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#22

Terphenyl-d14

Concen: 10.89 ng

RT: 22.31 min Scan# 3737

Delta R.T. 0.00 min

Lab File: BE089579.D

Acq: 16 Feb 2015 21:46

Instrument :

BNA_E

ClientSampleId :

PB81705BL

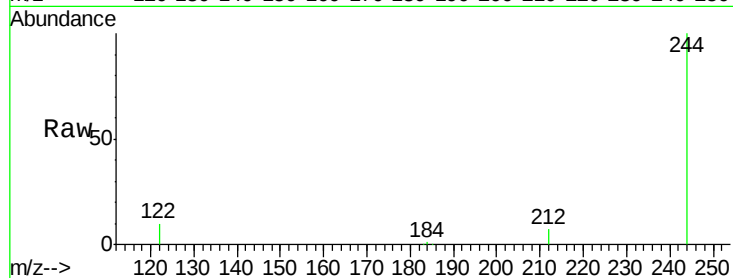
Tot Ion:244 Resp: 502241

Ion Ratio Lower Upper

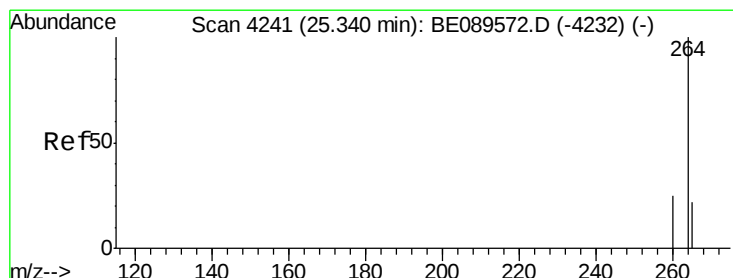
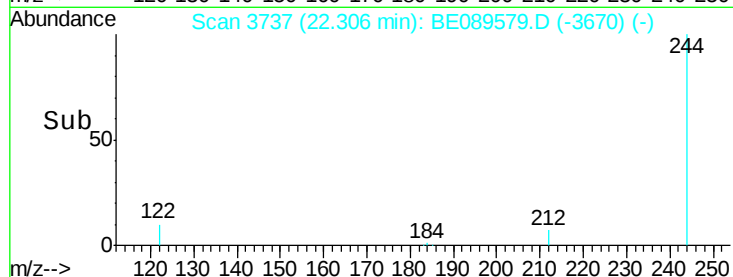
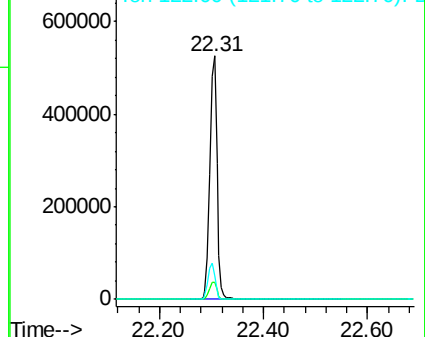
244 100

212 7.2 5.9 8.9

122 9.8 10.2 15.2#



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



#27

Perylene-d12

Concen: 5.00 ng

RT: 25.34 min Scan# 4241

Delta R.T. 0.00 min

Lab File: BE089579.D

Acq: 16 Feb 2015 21:46

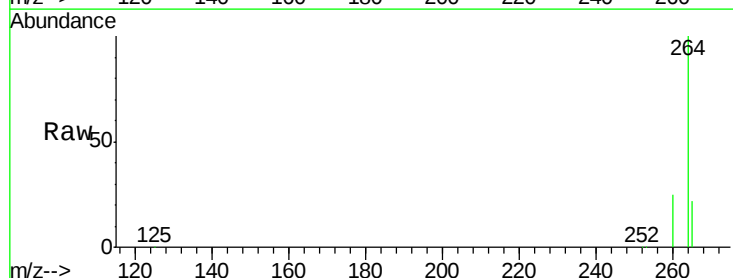
Tgt Ion:264 Resp: 330703

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.6

265 22.1 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

