

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121916\
 Data File : BE092609.D
 Acq On : 19 Dec 2016 16:02
 Operator : UM/SJ
 Sample : PB95417BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB95417BL

Quant Time: Dec 20 15:23:54 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 19 16:16:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	8455	5.00	ng	0.00
7) Naphthalene-d8	10.93	136	33942	5.00	ng	0.00
12) Acenaphthene-d10	14.80	164	20422	5.00	ng	0.00
18) Phenanthrene-d10	17.56	188	40719	5.00	ng	0.00
24) Chrysene-d12	21.72	240	50808	5.00	ng	0.00
31) Perylene-d12	24.08	264	51318	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.65	112	16036	9.76	ng	-0.04
5) Phenol-d6	7.31	99	20376	8.20	ng	-0.07
8) Nitrobenzene-d5	9.34	82	8932	3.85	ng	-0.02
13) 2,4,6-Tribromophenol	16.30	330	3466	5.92	ng	-0.01
14) 2-Fluorobiphenyl	13.42	172	22376	4.58	ng	-0.01
26) Terphenyl-d14	20.16	244	28359	4.55	ng	-0.02

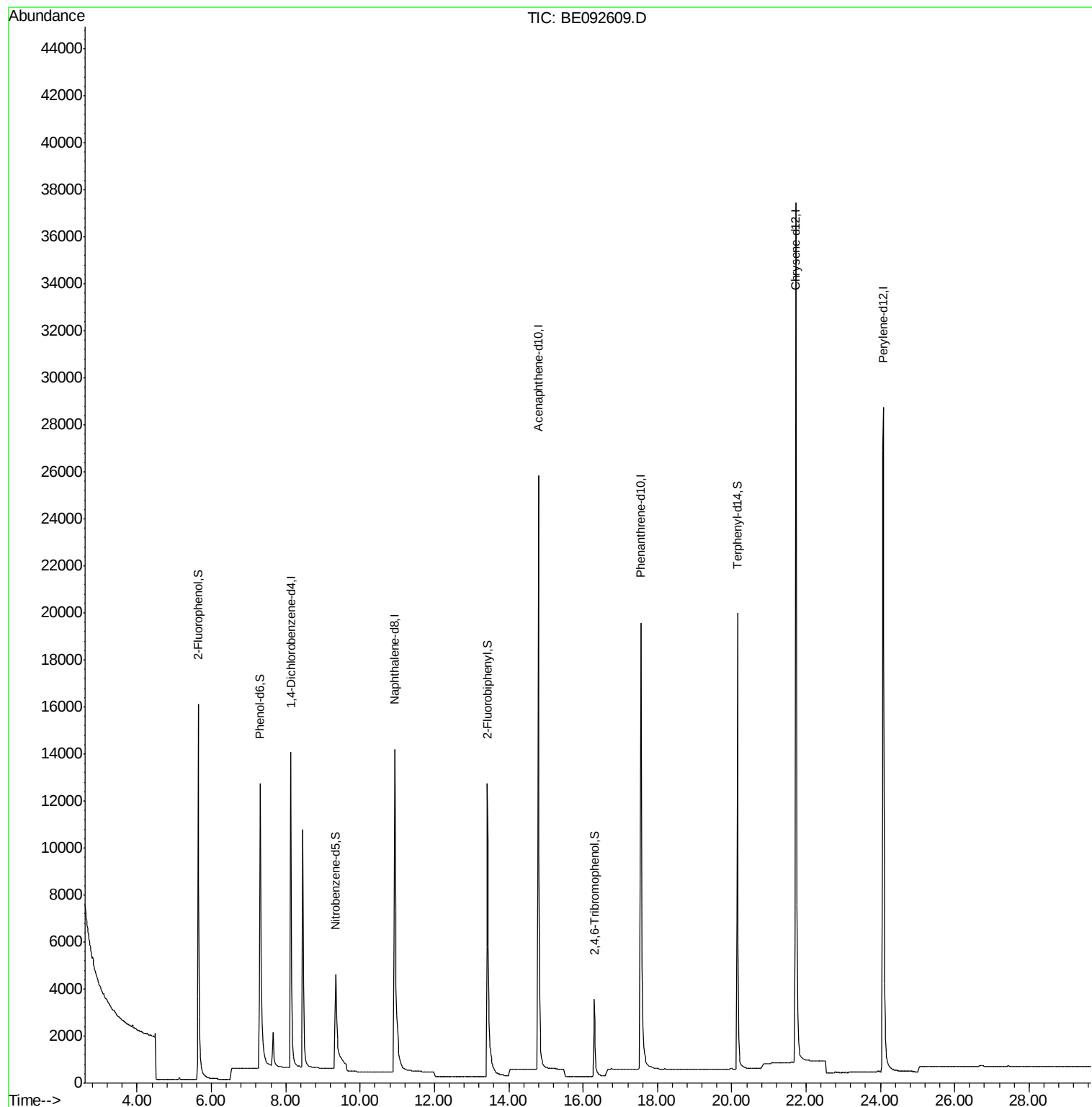
Target Compounds	Qvalue
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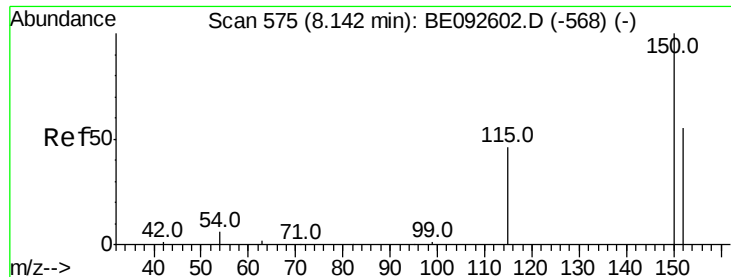
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.14 min Scan# 575

Delta R.T. -0.00 min

Lab File: BE092609.D

Acq: 19 Dec 2016 16:02

Instrument :

BNA_E

ClientSampleId :

PB95417BL

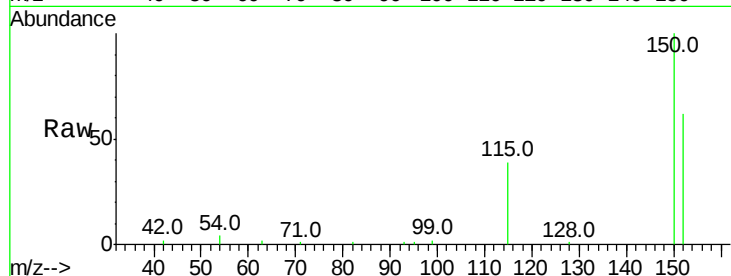
Tot Ion:152 Resp: 8455

Ion Ratio Lower Upper

152 100

150 161.8 106.0 159.0#

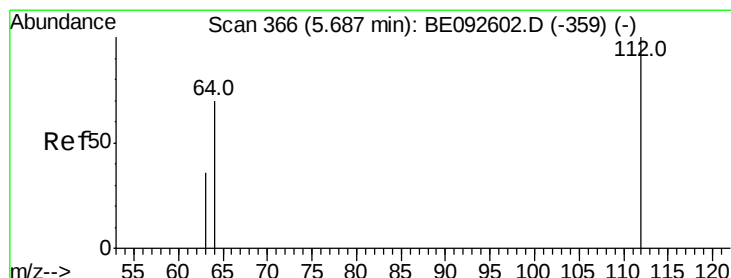
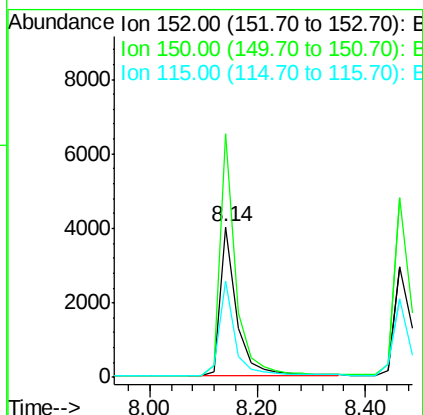
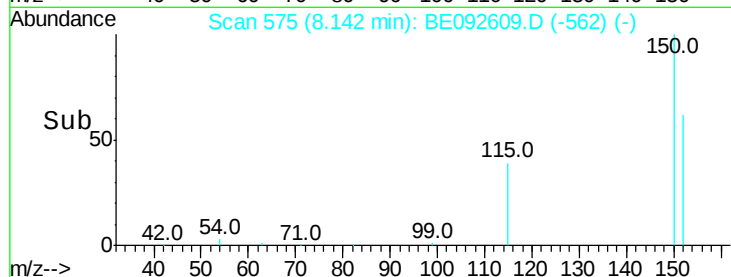
115 63.7 31.2 46.8#



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



#4

2-Fluorophenol

Concen: 9.76 ng

RT: 5.65 min Scan# 359

Delta R.T. -0.04 min

Lab File: BE092609.D

Acq: 19 Dec 2016 16:02

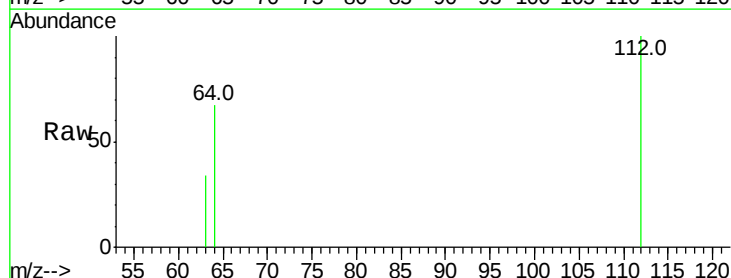
Tgt Ion:112 Resp: 16036

Ion Ratio Lower Upper

112 100

64 68.9 53.5 80.3

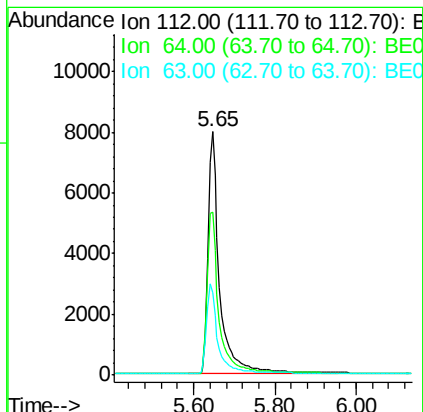
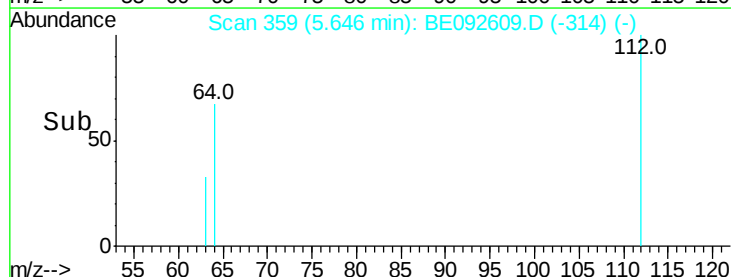
63 36.9 27.9 41.9

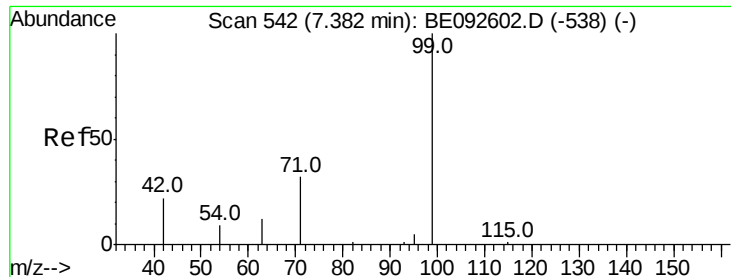


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 8.20 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.07 min

Lab File: BE092609.D

Acq: 19 Dec 2016 16:02

Instrument :

BNA_E

ClientSampleId :

PB95417BL

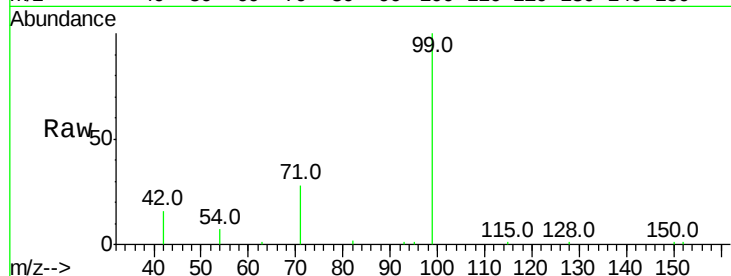
Tot Ion: 99 Resp: 20376

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

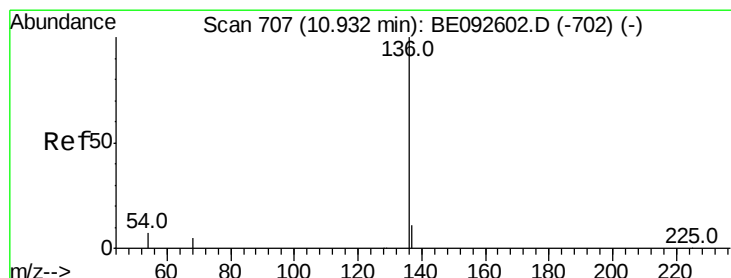
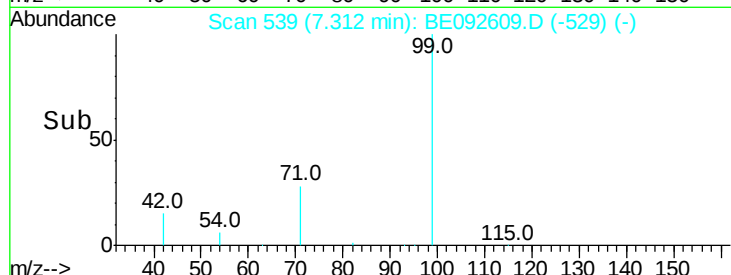
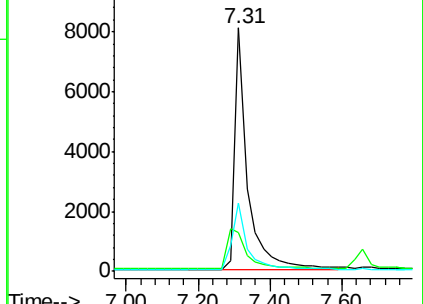
71 32.9 30.6 45.8



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: 10.93 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE092609.D

Acq: 19 Dec 2016 16:02

Tgt Ion: 136 Resp: 33942

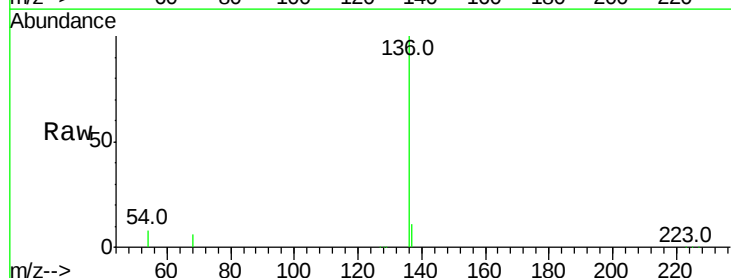
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.4

54 8.4 9.6 14.4#

68 6.1 6.7 10.1#

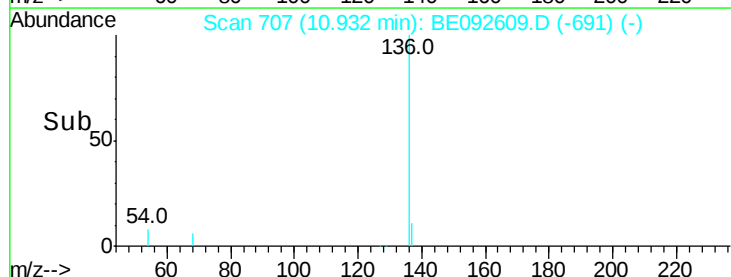
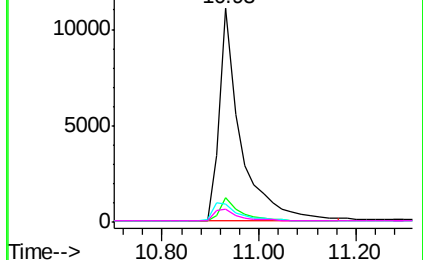


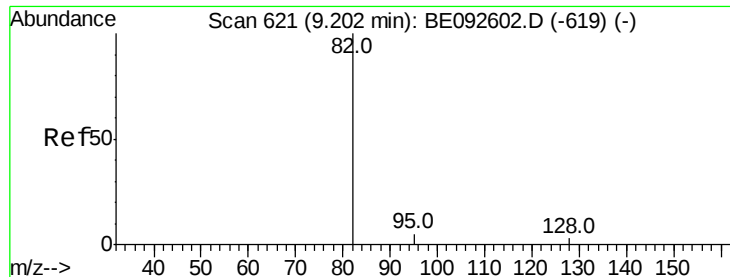
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 3.85 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092609.D

Acq: 19 Dec 2016 16:02

Instrument :

BNA_E

ClientSampleId :

PB95417BL

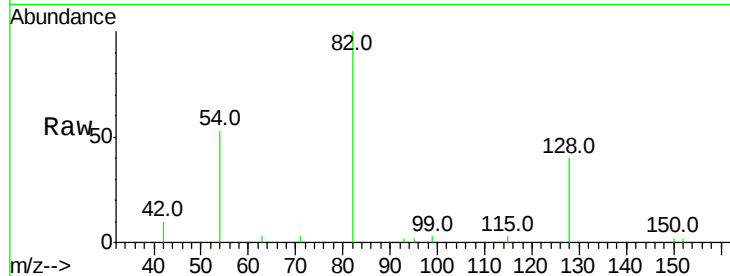
Tot Ion: 82 Resp: 8932

Ion Ratio Lower Upper

82 100

128 40.2 39.0 58.4

54 52.9 44.8 67.2



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

9.34

2000

1500

1000

500

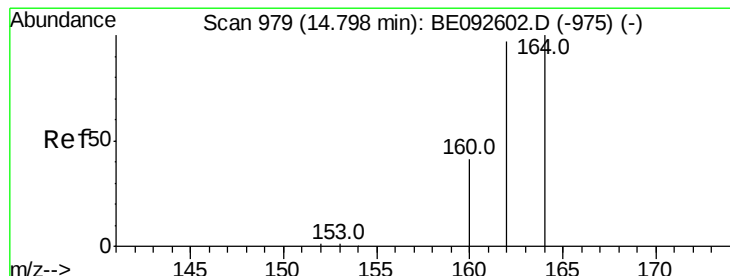
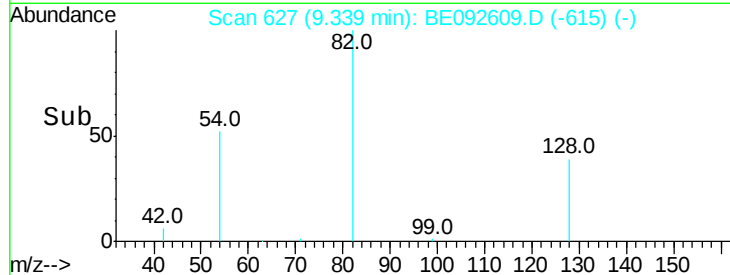
0

9.20

9.40

9.60

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.80 min Scan# 979

Delta R.T. 0.00 min

Lab File: BE092609.D

Acq: 19 Dec 2016 16:02

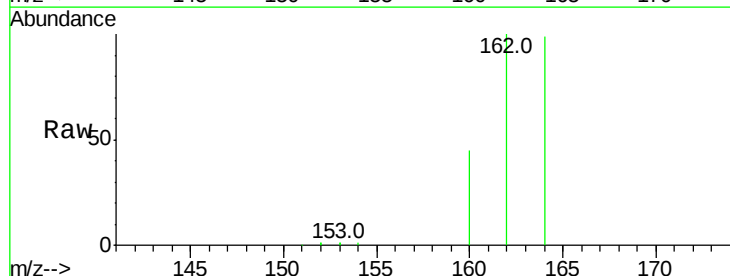
Tgt Ion: 164 Resp: 20422

Ion Ratio Lower Upper

164 100

162 101.2 71.4 107.0

160 45.4 27.4 41.2#



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

14.80

10000

5000

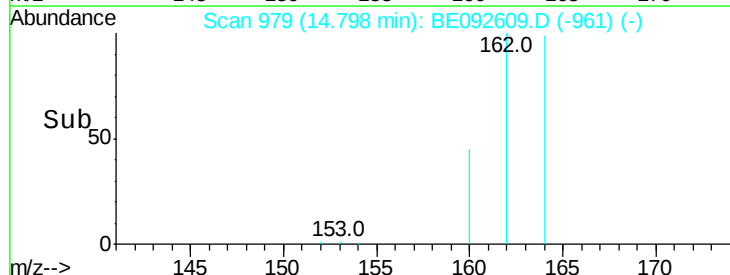
0

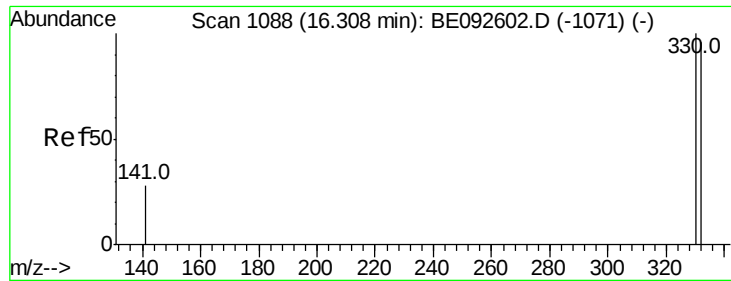
14.60

14.80

15.00

Time-->

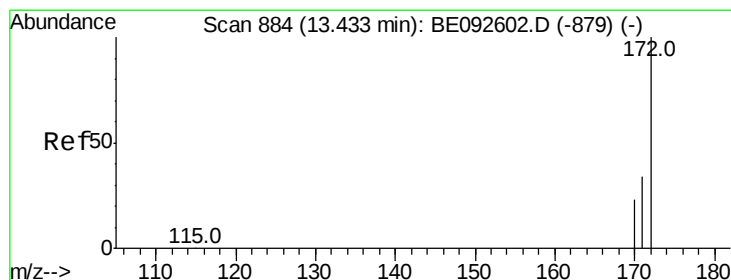
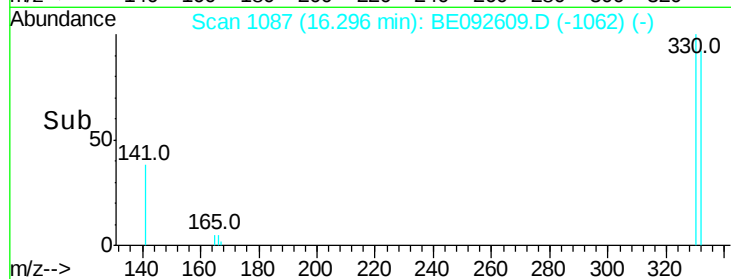
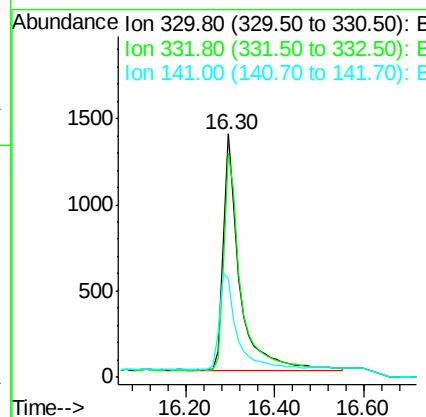
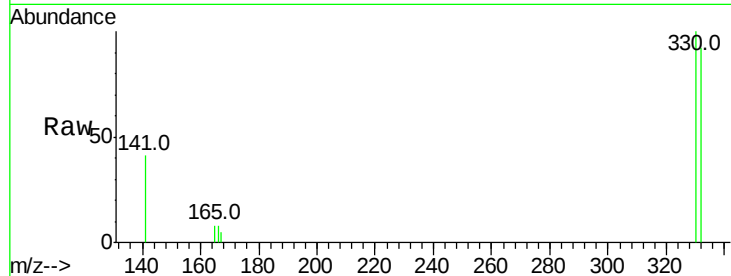




#13
 2,4,6-Tribromophenol
 Concen: 5.92 ng
 RT: 16.30 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BE092609.D
 Acq: 19 Dec 2016 16:02

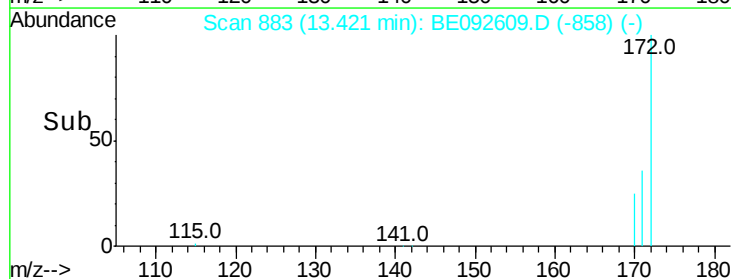
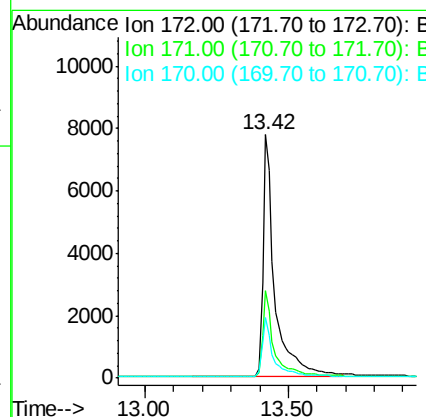
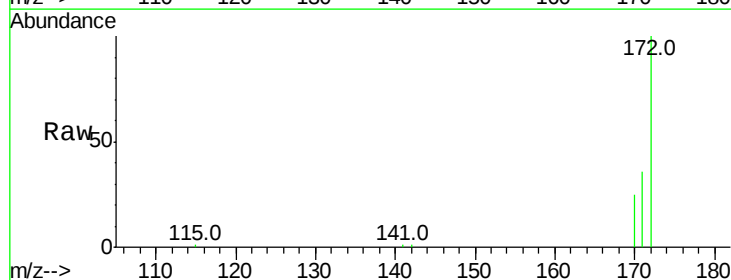
Instrument :
 BNA_E
 ClientSampleId :
 PB95417BL

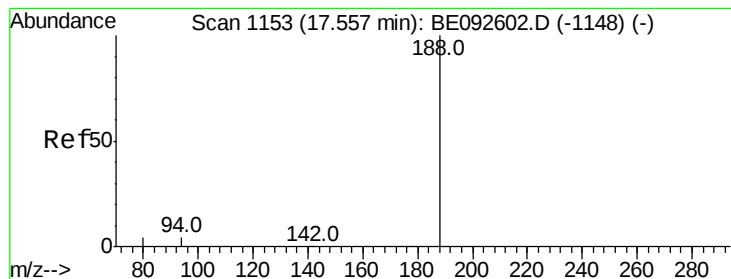
Tot Ion:330 Resp: 3466
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.4 113.0
 141 44.4 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.58 ng
 RT: 13.42 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BE092609.D
 Acq: 19 Dec 2016 16:02

Tgt Ion:172 Resp: 22376
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.1 45.1
 170 24.9 21.8 32.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE092609.D

Acq: 19 Dec 2016 16:02

Instrument :

BNA_E

ClientSampleId :

PB95417BL

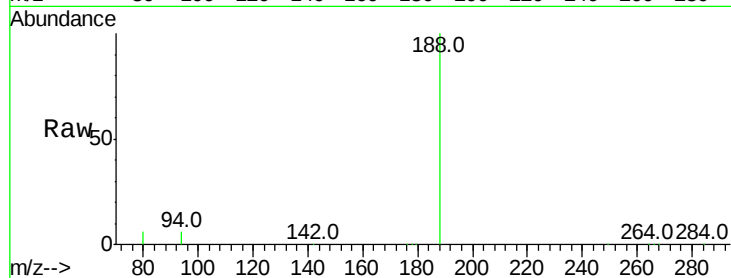
Tot Ion:188 Resp: 40719

Ion Ratio Lower Upper

188 100

94 6.1 3.2 4.8#

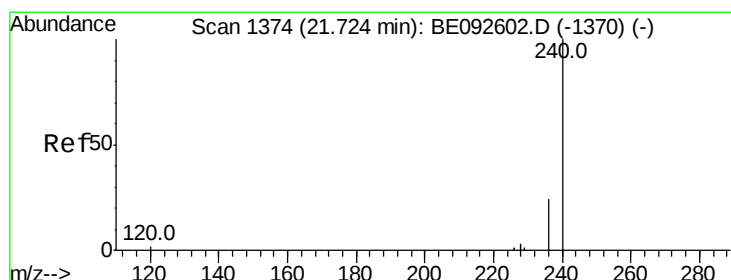
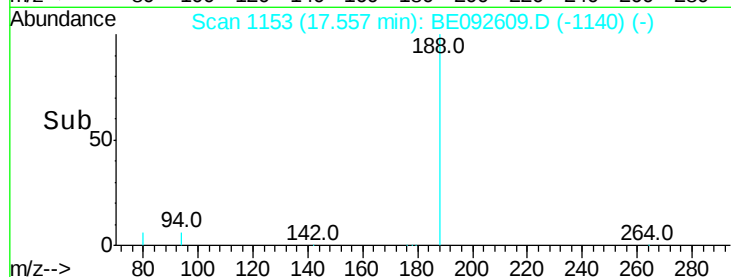
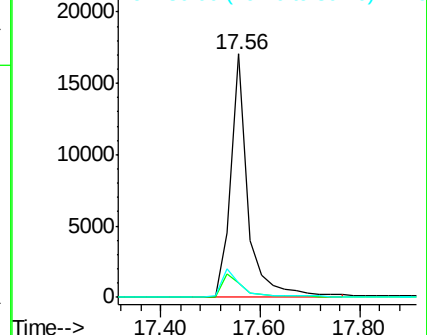
80 5.9 2.6 3.8#



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.72 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE092609.D

Acq: 19 Dec 2016 16:02

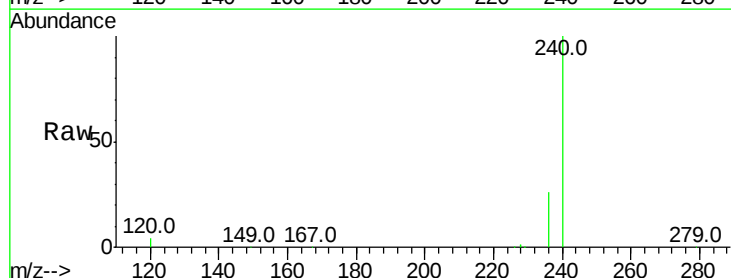
Tgt Ion:240 Resp: 50808

Ion Ratio Lower Upper

240 100

120 3.5 2.6 4.0

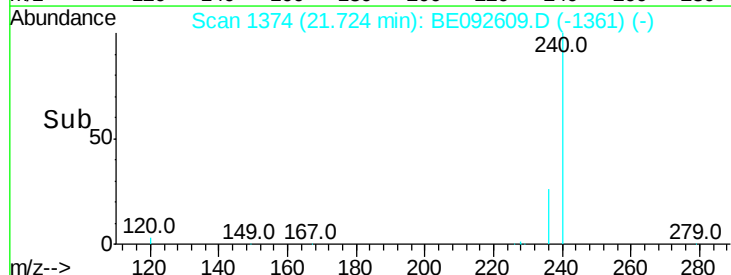
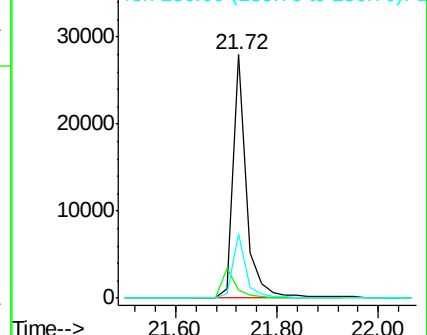
236 26.5 24.6 37.0

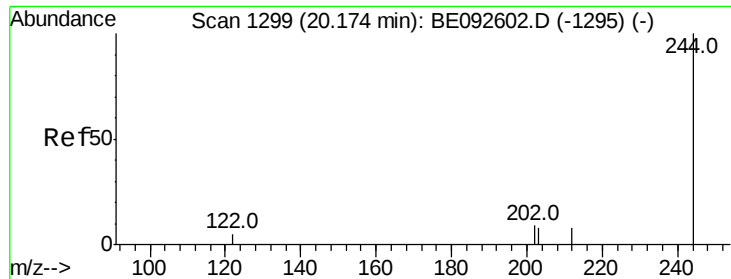


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Terphenyl-d14

Concen: 4.55 ng

RT: 20.16 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BE092609.D

Acq: 19 Dec 2016 16:02

Instrument :

BNA_E

ClientSampleId :

PB95417BL

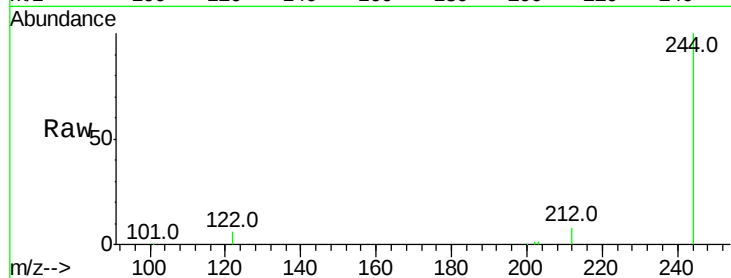
Tot Ion:244 Resp: 28359

Ion Ratio Lower Upper

244 100

212 8.2 6.7 10.1

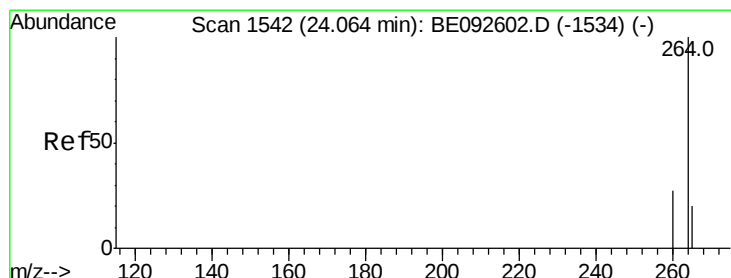
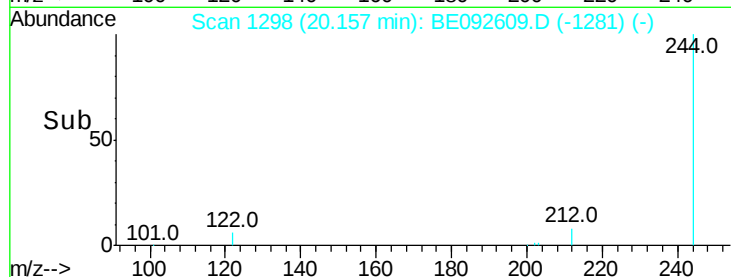
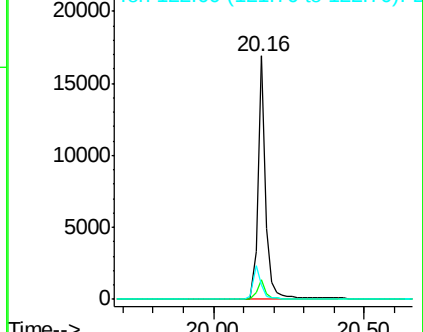
122 6.0 3.6 5.4#



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



#31

Perylene-d12

Concen: 5.00 ng

RT: 24.08 min Scan# 1543

Delta R.T. 0.01 min

Lab File: BE092609.D

Acq: 19 Dec 2016 16:02

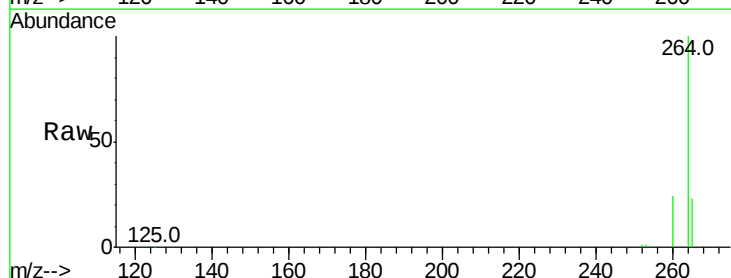
Tgt Ion:264 Resp: 51318

Ion Ratio Lower Upper

264 100

260 24.4 20.1 30.1

265 23.0 17.9 26.9



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

