

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100716\
 Data File : BE092450.D
 Acq On : 7 Oct 2016 17:10
 Operator : UM/SJ
 Sample : PB93506BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB93506BL

Quant Time: Oct 07 23:20:36 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 18:25:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	9850	5.00	ng	-0.02
7) Naphthalene-d8	10.95	136	39791	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	27006	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	52425	5.00	ng	0.02
24) Chrysene-d12	21.75	240	74264	5.00	ng	0.00
31) Perylene-d12	24.11	264	66001	5.00	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.67	112	16491	7.11	ng	-0.02
5) Phenol-d6	7.33	99	19845	6.00	ng	-0.02
8) Nitrobenzene-d5	9.34	82	8023	2.87	ng	-0.02
13) 2,4,6-Tribromophenol	16.32	330	3731	3.98	ng	0.00
14) 2-Fluorobiphenyl	13.45	172	22349	3.50	ng	0.00
26) Terphenyl-d14	20.17	244	31451	3.41	ng	0.00

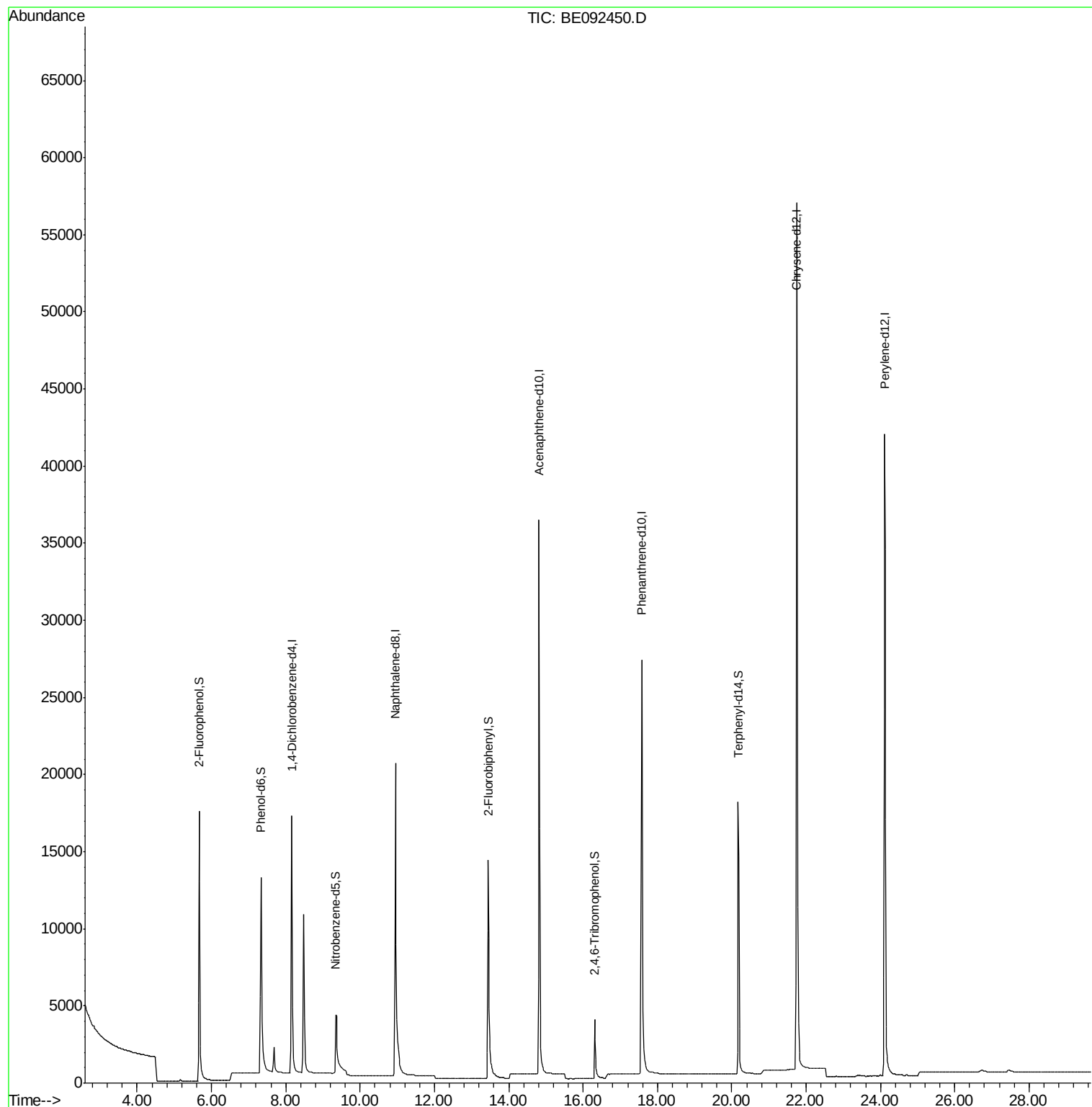
Target Compounds	Qvalue
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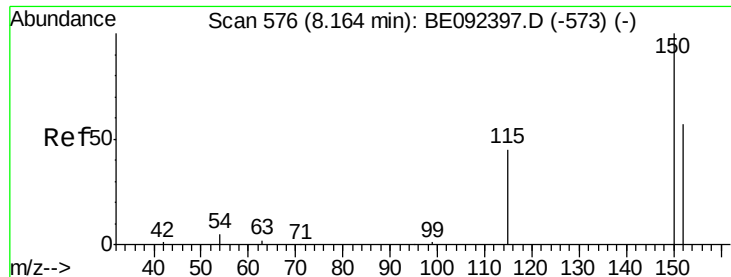
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.16 min Scan# 576

Delta R.T. -0.02 min

Lab File: BE092450.D

Acq: 7 Oct 2016 17:10

Instrument :

BNA_E

ClientSampled :

PB93506BL

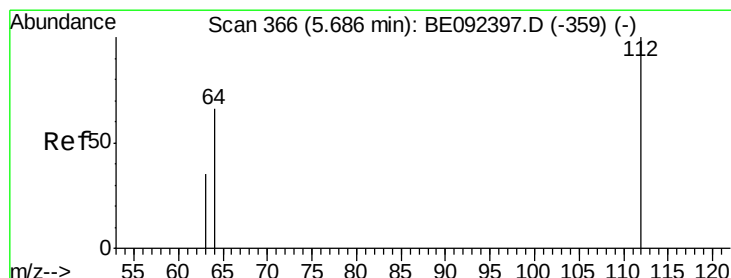
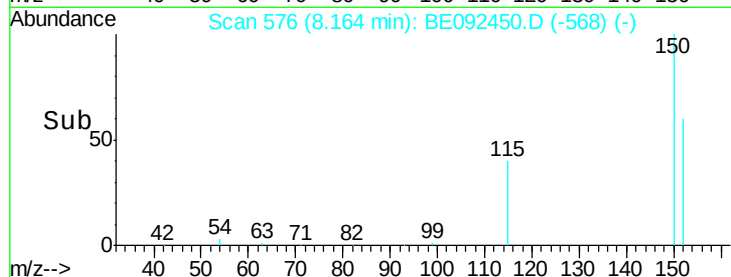
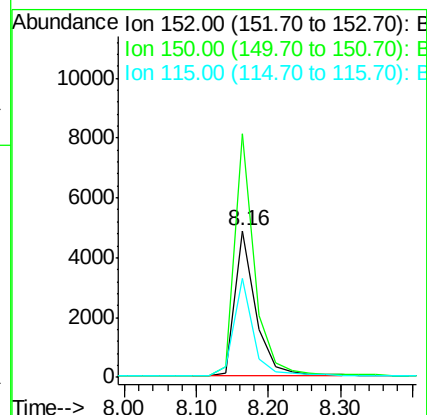
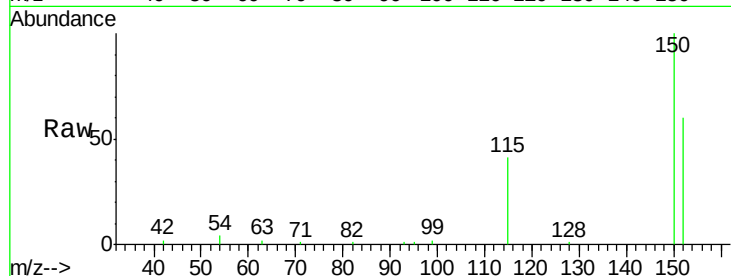
Tot Ion:152 Resp: 9850

Ion Ratio Lower Upper

152 100

150 166.3 106.0 159.0#

115 67.7 31.2 46.8#



#4

2-Fluorophenol

Concen: 7.11 ng

RT: 5.67 min Scan# 363

Delta R.T. -0.02 min

Lab File: BE092450.D

Acq: 7 Oct 2016 17:10

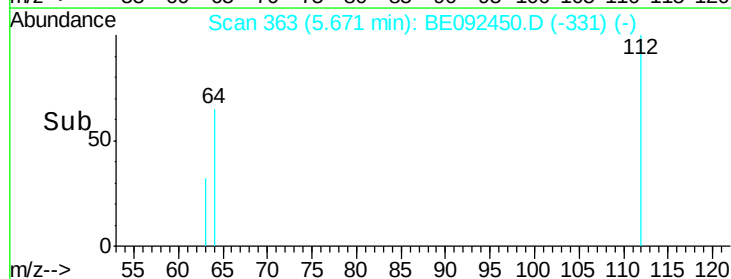
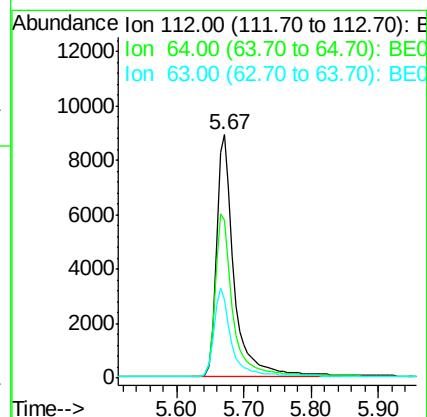
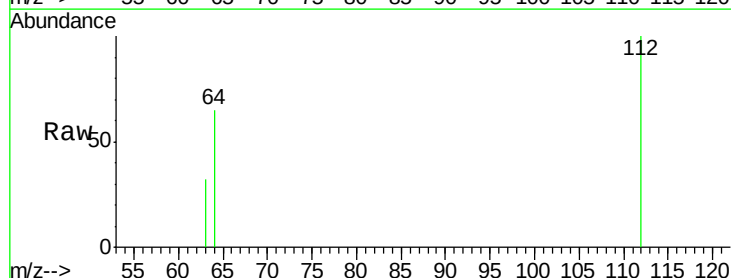
Tgt Ion:112 Resp: 16491

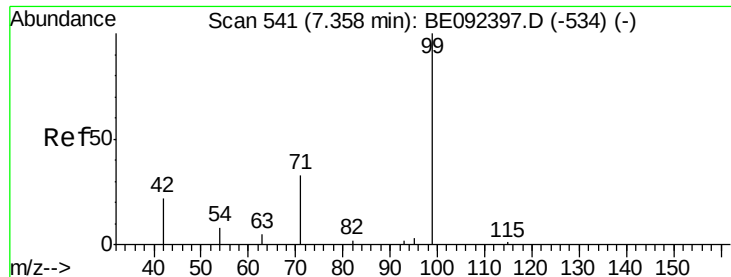
Ion Ratio Lower Upper

112 100

64 67.8 53.5 80.3

63 36.4 27.9 41.9





#5

Phenol-d6

Concen: 6.00 ng

RT: 7.33 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092450.D

Acq: 7 Oct 2016 17:10

Instrument :

BNA_E

ClientSampled :

PB93506BL

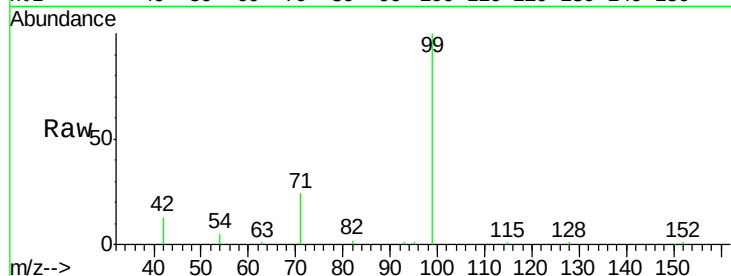
Tot Ion: 99 Resp: 19845

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

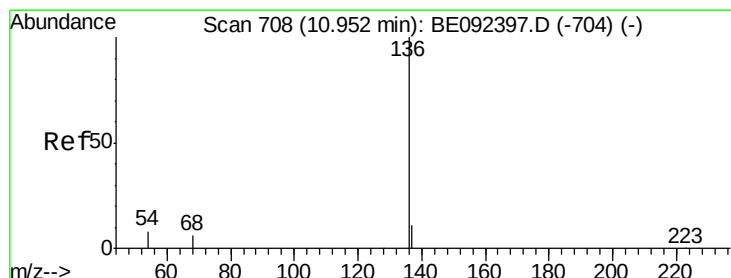
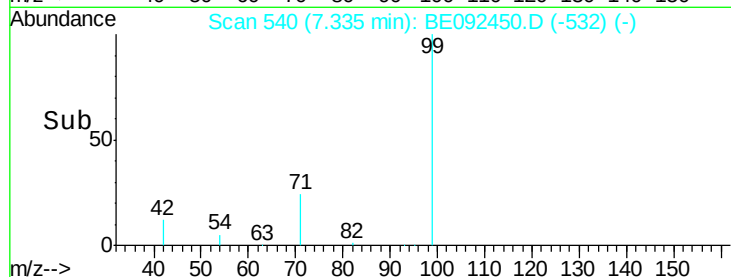
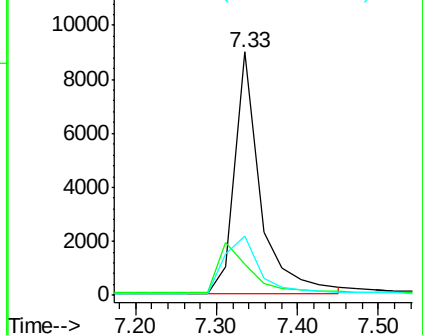
71 33.5 30.6 45.8



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: 10.95 min Scan# 708

Delta R.T. 0.00 min

Lab File: BE092450.D

Acq: 7 Oct 2016 17:10

Tgt Ion: 136 Resp: 39791

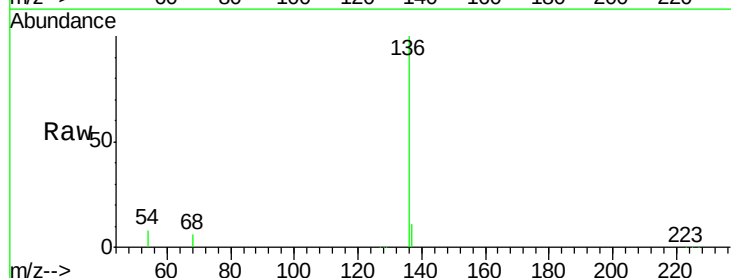
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.4

54 8.1 9.6 14.4#

68 5.8 6.7 10.1#

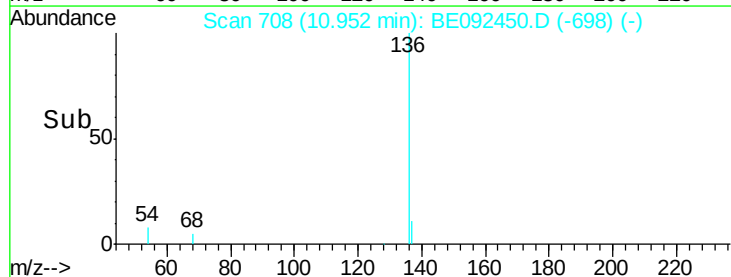
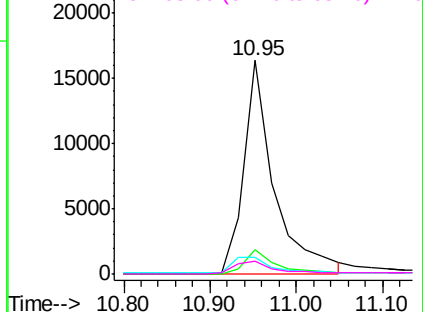


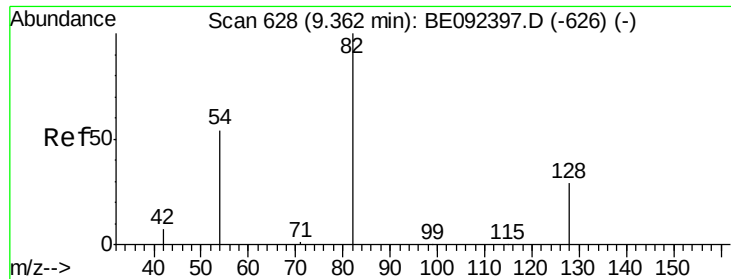
Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.87 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092450.D

Acq: 7 Oct 2016 17:10

Instrument :

BNA_E

ClientSampleId :

PB93506BL

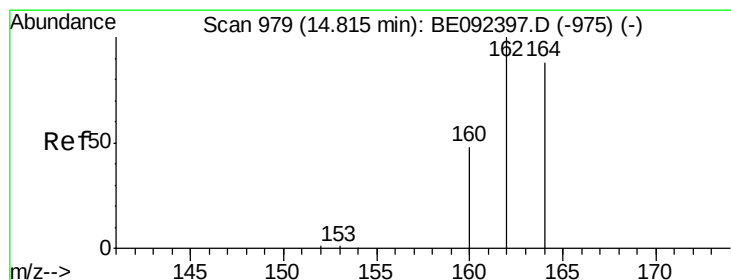
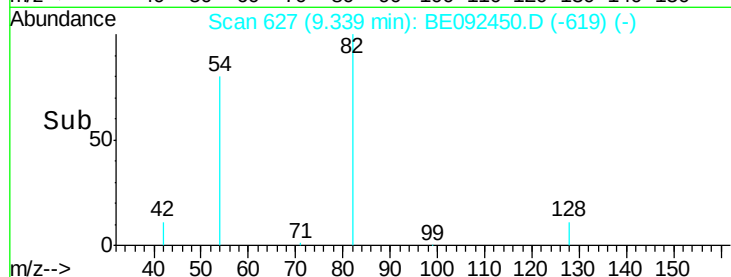
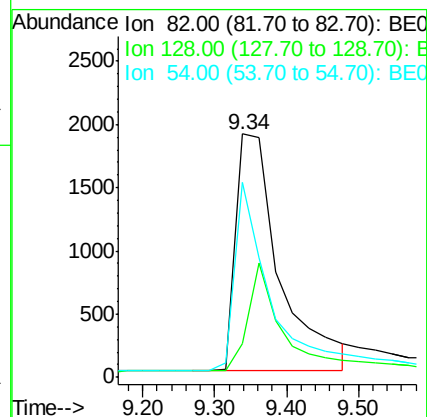
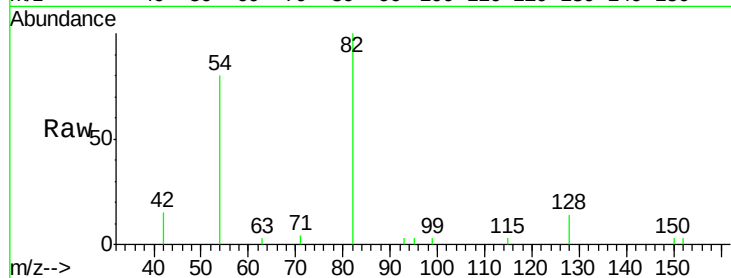
Tot Ion: 82 Resp: 8023

Ion Ratio Lower Upper

82 100

128 13.6 39.0 58.4#

54 80.2 44.8 67.2#



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.82 min Scan# 980

Delta R.T. 0.00 min

Lab File: BE092450.D

Acq: 7 Oct 2016 17:10

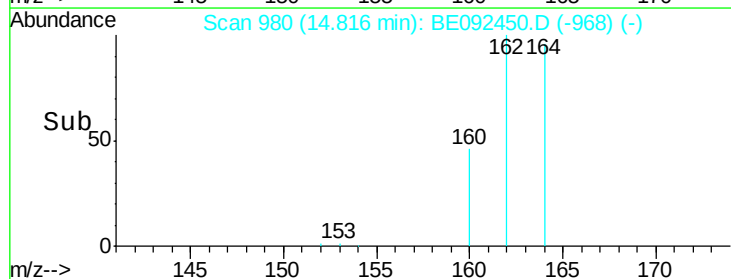
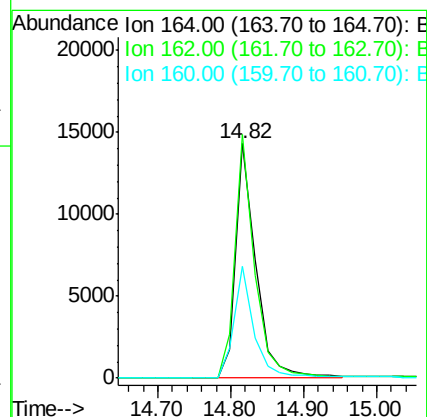
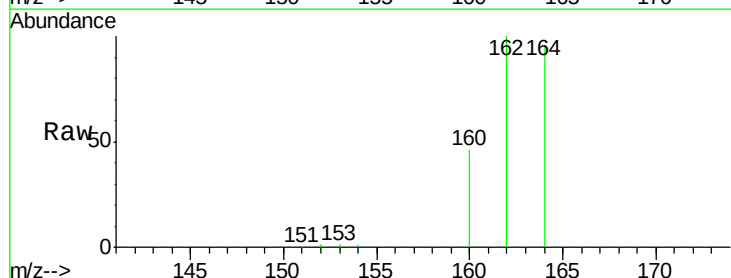
Tgt Ion: 164 Resp: 27006

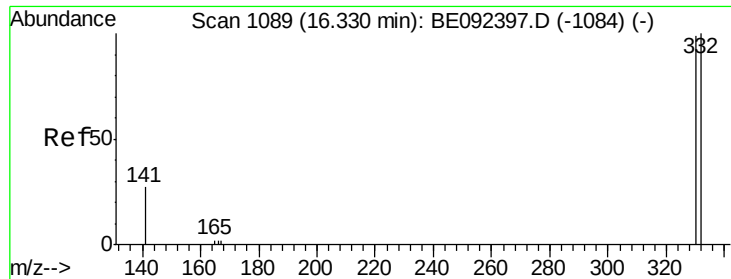
Ion Ratio Lower Upper

164 100

162 103.9 71.4 107.0

160 47.6 27.4 41.2#

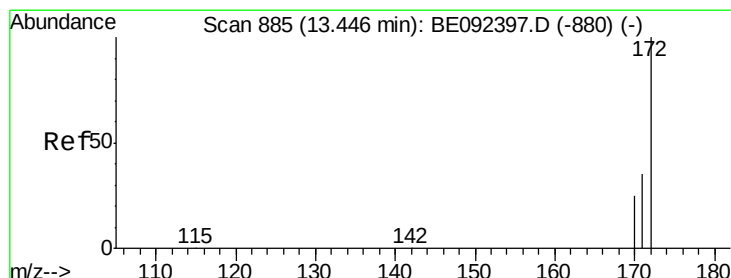
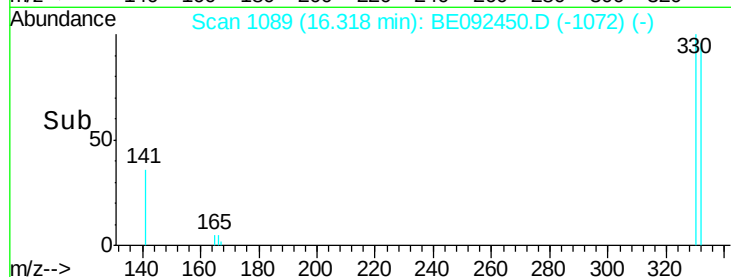
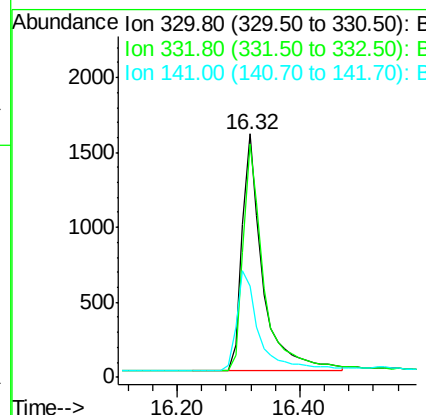
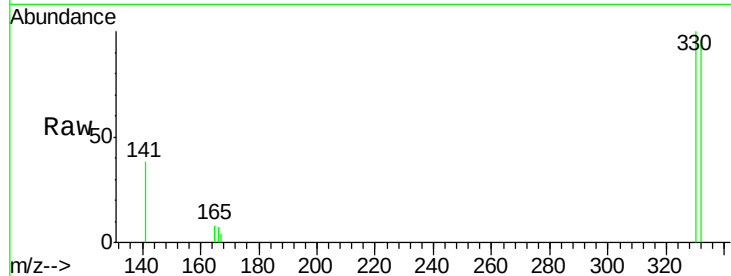




#13
 2,4,6-Tribromophenol
 Concen: 3.98 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BE092450.D
 Acq: 7 Oct 2016 17:10

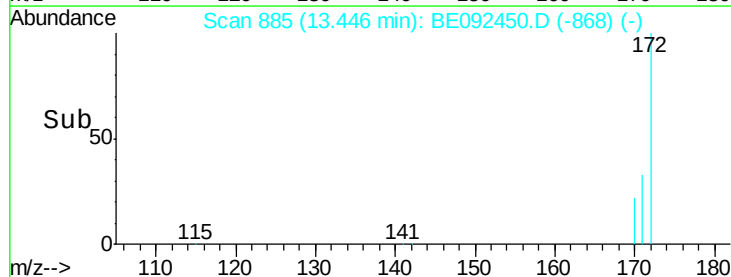
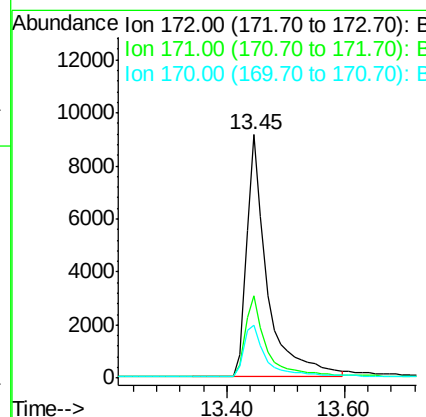
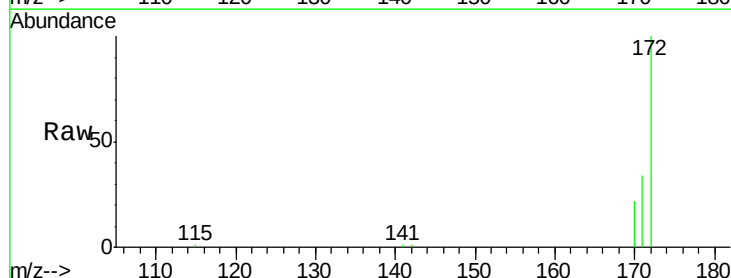
Instrument :
 BNA_E
 ClientSampleId :
 PB93506BL

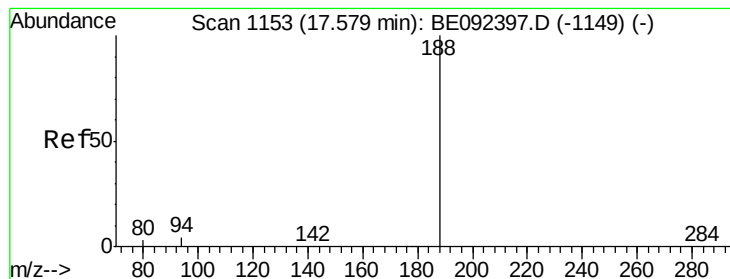
Tot Ion:330 Resp: 3731
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.4 113.0
 141 44.5 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 3.50 ng
 RT: 13.45 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BE092450.D
 Acq: 7 Oct 2016 17:10

Tgt Ion:172 Resp: 22349
 Ion Ratio Lower Upper
 172 100
 171 33.8 30.1 45.1
 170 22.0 21.8 32.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.02 min

Lab File: BE092450.D

Acq: 7 Oct 2016 17:10

Instrument :

BNA_E

ClientSampleId :

PB93506BL

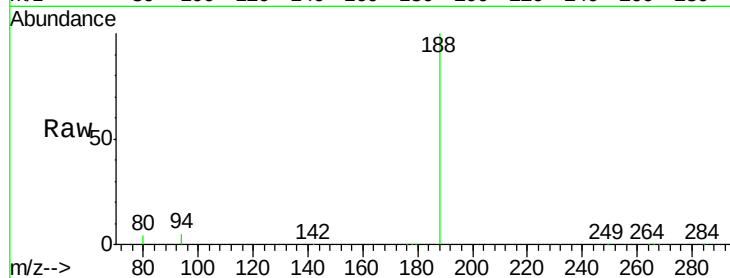
Tot Ion:188 Resp: 52425

Ion Ratio Lower Upper

188 100

94 4.6 3.2 4.8

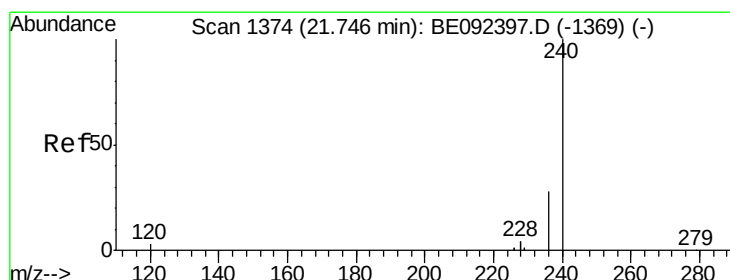
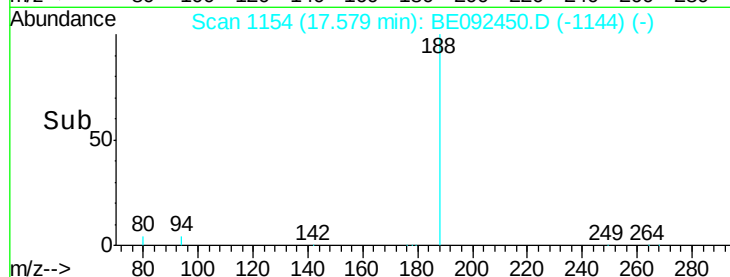
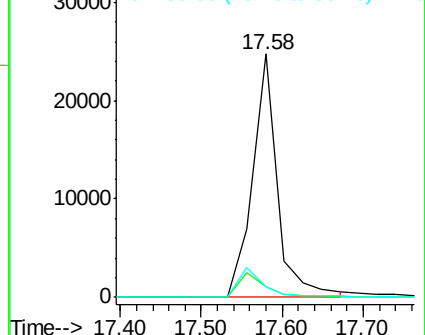
80 4.3 2.6 3.8#



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: 21.75 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BE092450.D

Acq: 7 Oct 2016 17:10

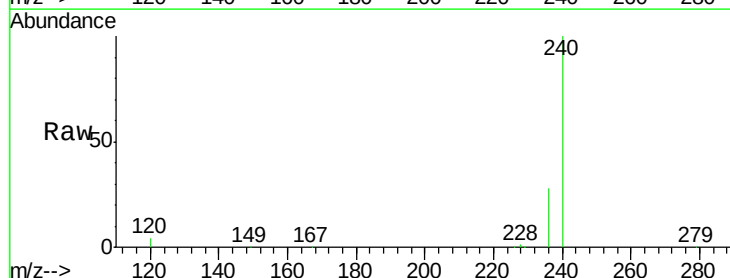
Tgt Ion:240 Resp: 74264

Ion Ratio Lower Upper

240 100

120 3.6 2.6 4.0

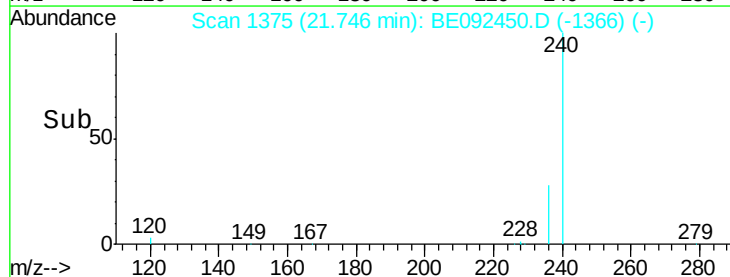
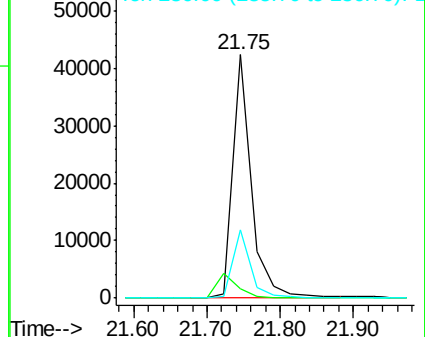
236 27.9 24.6 37.0

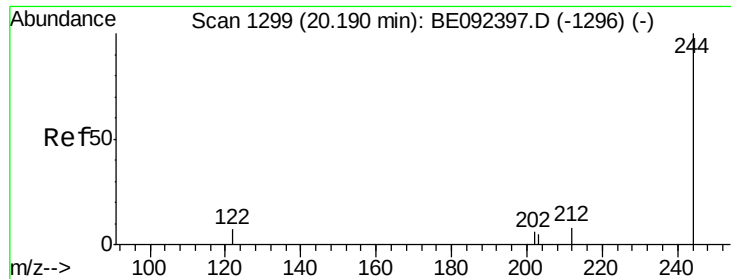


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

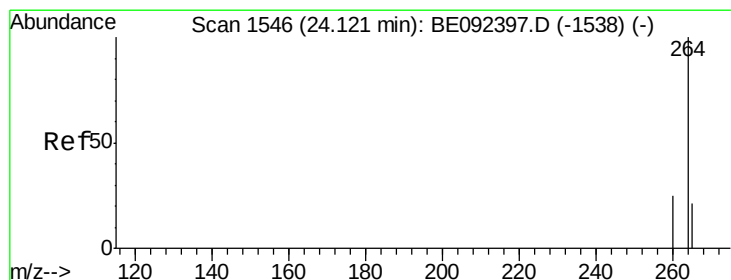
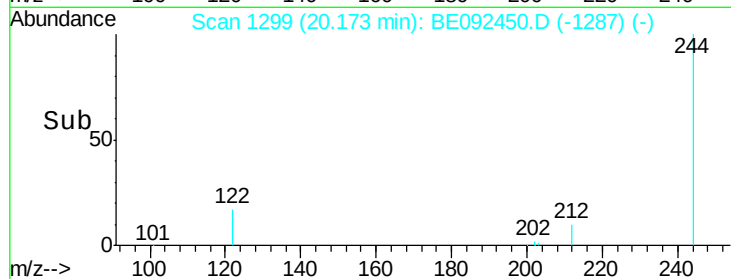
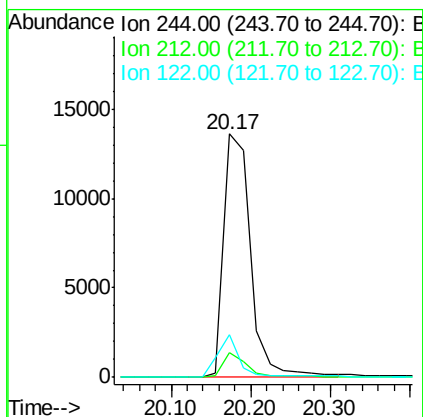
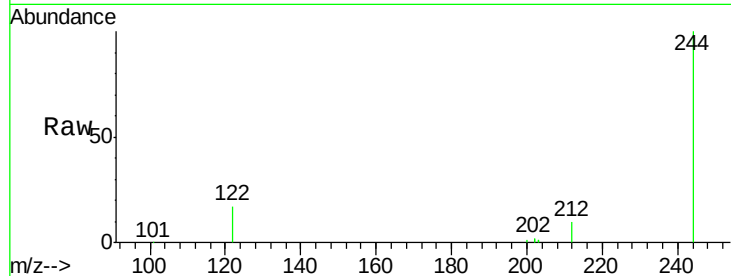




#26
 Terphenyl-d14
 Concen: 3.41 ng
 RT: 20.17 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BE092450.D
 Acq: 7 Oct 2016 17:10

Instrument :
 BNA_E
 ClientSampleId :
 PB93506BL

Tot Ion:244 Resp: 31451
 Ion Ratio Lower Upper
 244 100
 212 10.1 6.7 10.1
 122 17.5 3.6 5.4#



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.11 min Scan# 1546
 Delta R.T. 0.02 min
 Lab File: BE092450.D
 Acq: 7 Oct 2016 17:10

Tgt Ion:264 Resp: 66001
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.1 30.1
 265 21.2 17.9 26.9

