

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE103116\
 Data File : BE092482.D
 Acq On : 31 Oct 2016 16:36
 Operator : UM/SJ
 Sample : PB94457BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB94457BL

Quant Time: Nov 01 11:06:02 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 15:25:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	9738	5.00	ng	0.00
7) Naphthalene-d8	10.95	136	41614	5.00	ng	0.00
12) Acenaphthene-d10	14.82	164	25489	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	51694	5.00	ng	0.00
24) Chrysene-d12	21.75	240	68371	5.00	ng	0.00
31) Perylene-d12	24.11	264	59742	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.66	112	22857	12.57	ng	-0.03
5) Phenol-d6	7.31	99	28313	10.36	ng	-0.05
8) Nitrobenzene-d5	9.34	82	12821	4.35	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	5206	7.55	ng	-0.01
14) 2-Fluorobiphenyl	13.43	172	32005	5.15	ng	-0.01
26) Terphenyl-d14	20.17	244	44229	5.23	ng	-0.02

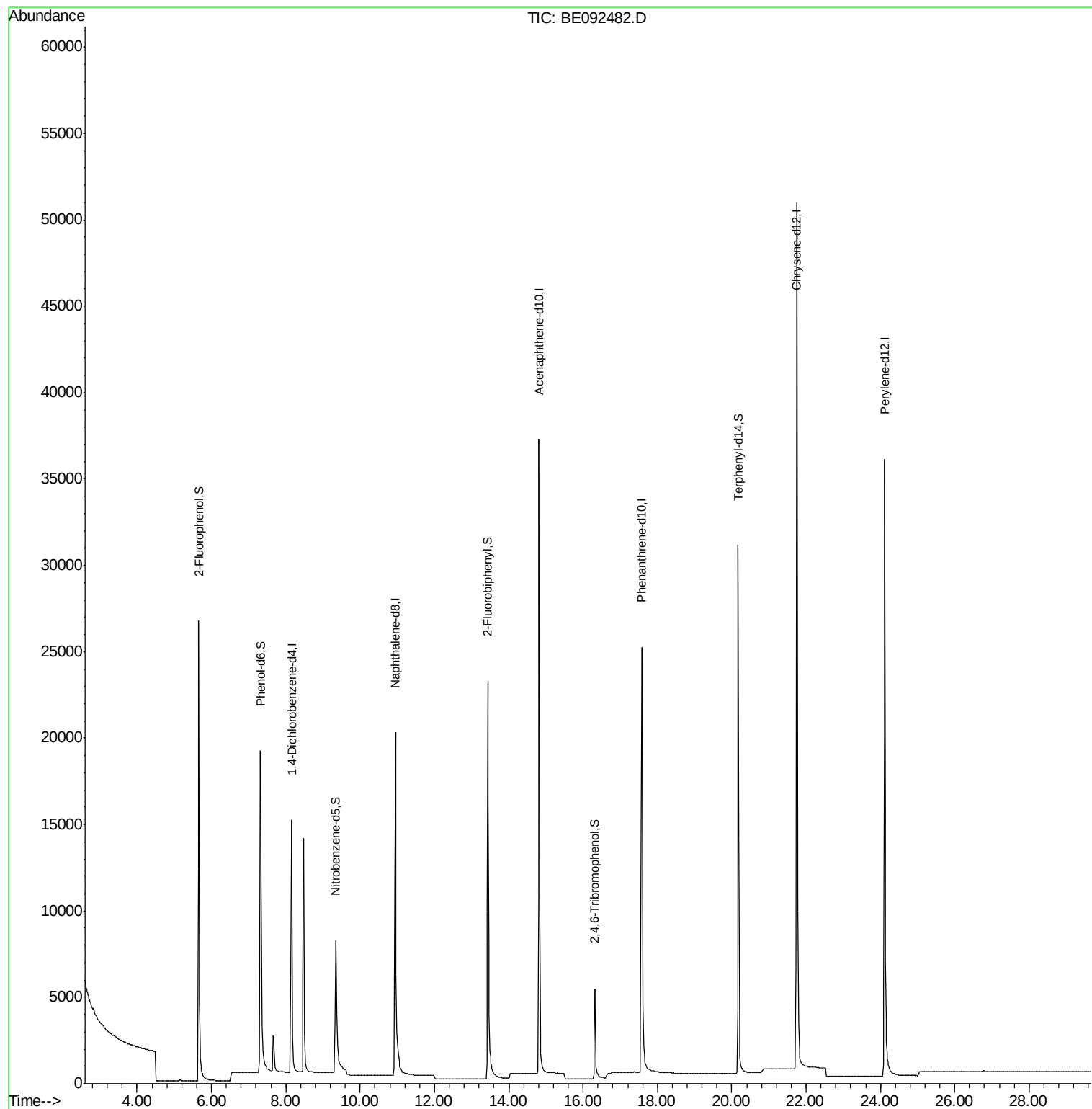
Target Compounds	Qvalue
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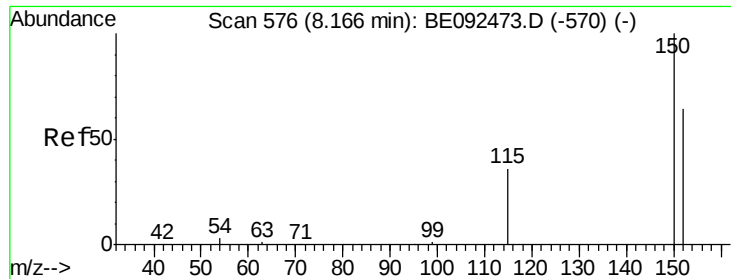
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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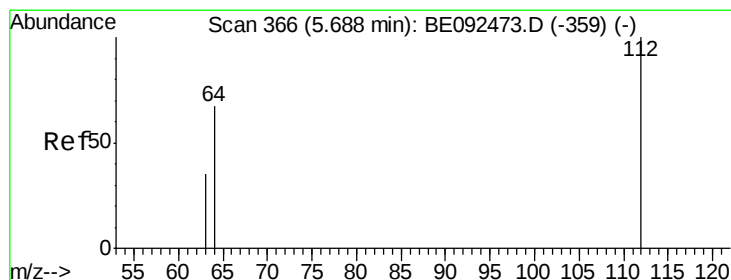
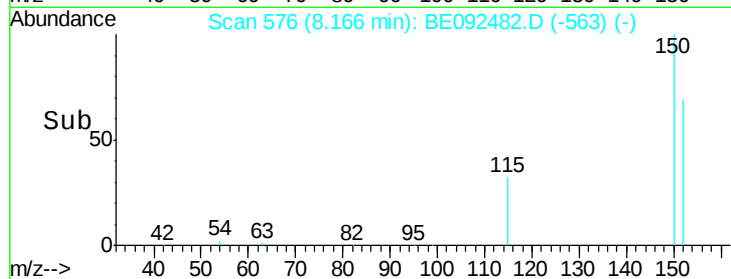
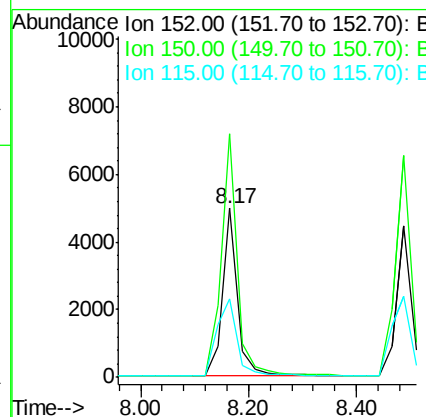
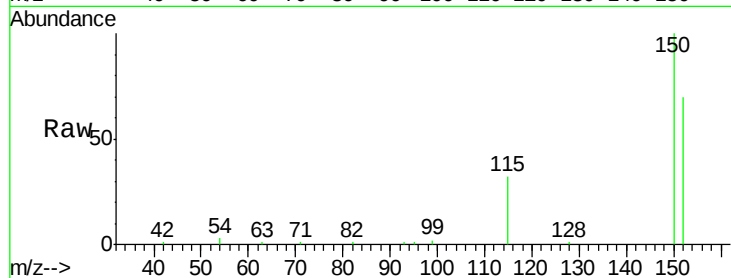




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.17 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BE092482.D
 Acq: 31 Oct 2016 16:36

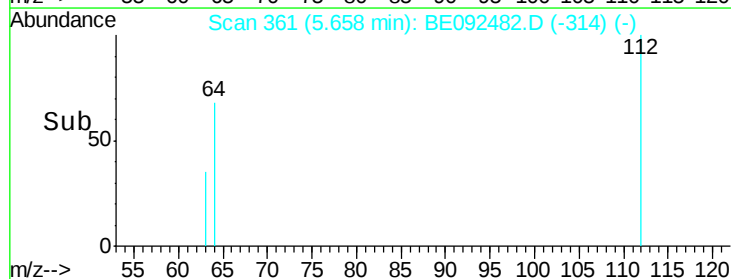
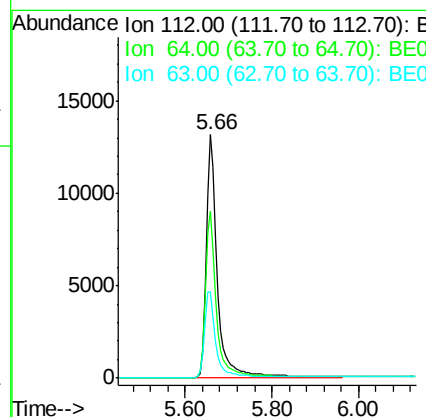
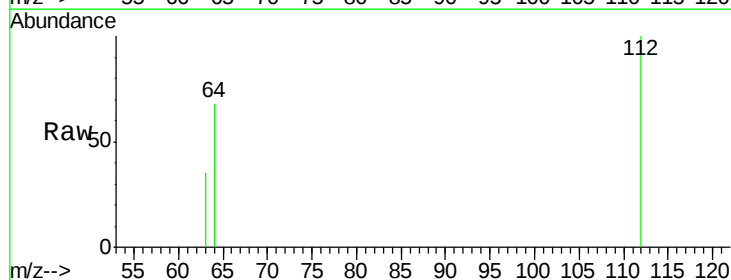
Instrument :
 BNA_E
 ClientSampleId :
 PB94457BL

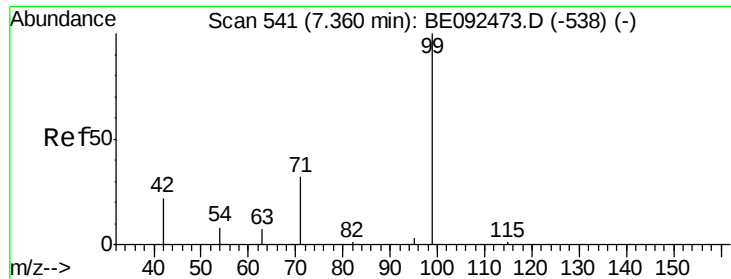
Tgt Ion:152 Resp: 9738
 Ion Ratio Lower Upper
 152 100
 150 143.8 106.0 159.0
 115 46.4 31.2 46.8



#4
 2-Fluorophenol
 Concen: 12.57 ng
 RT: 5.66 min Scan# 361
 Delta R.T. -0.03 min
 Lab File: BE092482.D
 Acq: 31 Oct 2016 16:36

Tgt Ion:112 Resp: 22857
 Ion Ratio Lower Upper
 112 100
 64 68.2 53.5 80.3
 63 36.7 27.9 41.9





#5

Phenol-d6

Concen: 10.36 ng

RT: 7.31 min Scan# 539

Delta R.T. -0.05 min

Lab File: BE092482.D

Acq: 31 Oct 2016 16:36

Instrument :

BNA_E

ClientSampleId :

PB94457BL

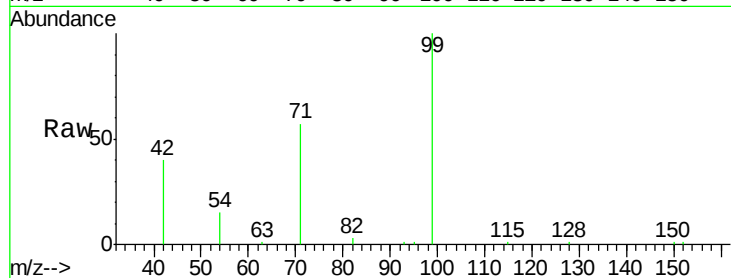
Tgt Ion: 99 Resp: 28313

Ion Ratio Lower Upper

99 100

42 26.3 16.0 24.0#

71 37.9 30.6 45.8

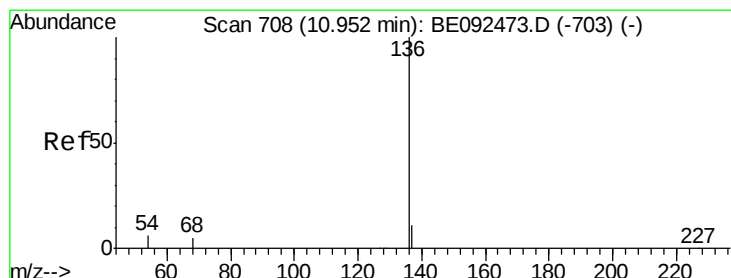
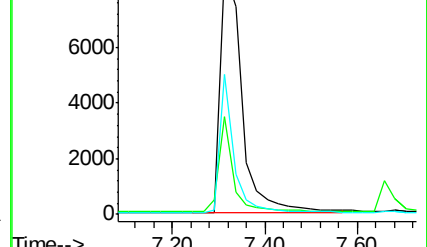
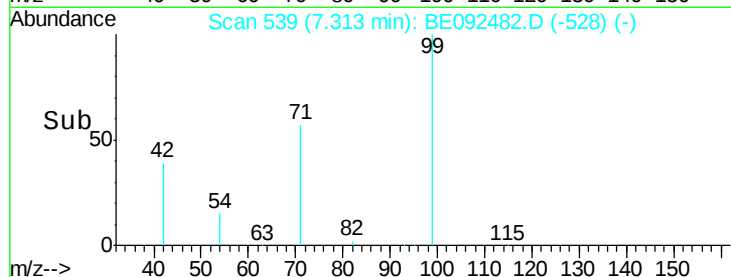


Abundance Ion 99.00 (98.70 to 99.70): BE092473.D (-538) (-)

Ion 42.00 (41.70 to 42.70): BE092473.D (-538) (-)

Ion 71.00 (70.70 to 71.70): BE092473.D (-538) (-)

7.31



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.00 min

Lab File: BE092482.D

Acq: 31 Oct 2016 16:36

Tgt Ion: 136 Resp: 41614

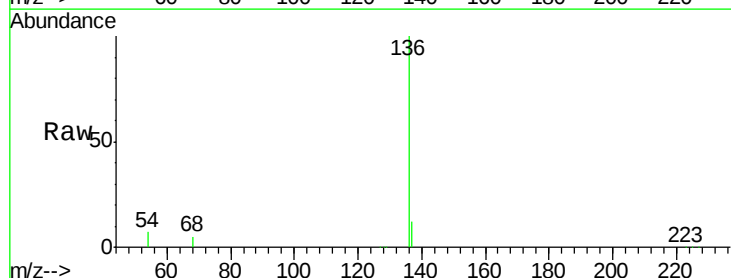
Ion Ratio Lower Upper

136 100

137 11.7 8.2 12.4

54 6.6 9.6 14.4#

68 4.8 6.7 10.1#



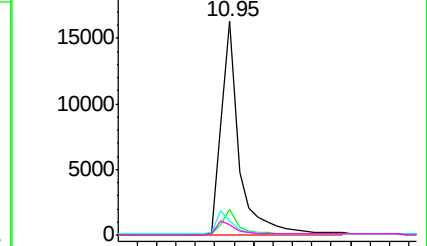
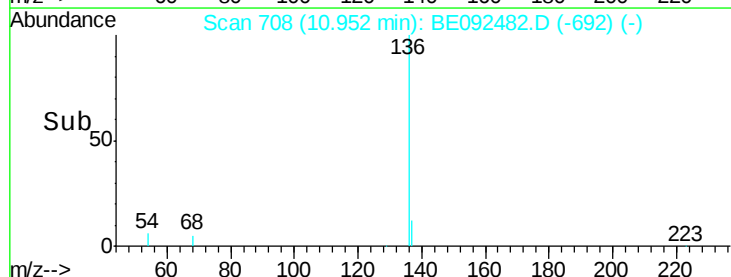
Abundance Ion 136.00 (135.70 to 136.70): BE092473.D (-703) (-)

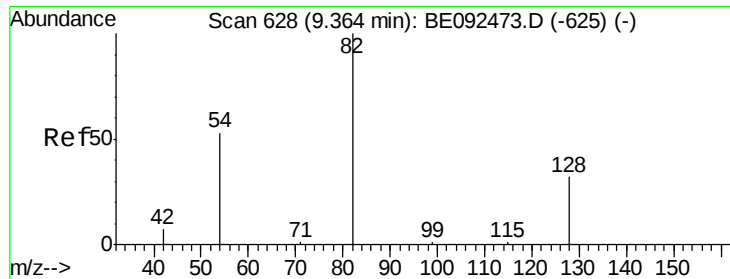
Ion 137.00 (136.70 to 137.70): BE092473.D (-703) (-)

Ion 54.00 (53.70 to 54.70): BE092473.D (-703) (-)

Ion 68.00 (67.70 to 68.70): BE092473.D (-703) (-)

10.95





#8

Nitrobenzene-d5

Concen: 4.35 ng

RT: 9.34 min Scan# 627

Delta R.T. -0.02 min

Lab File: BE092482.D

Acq: 31 Oct 2016 16:36

Instrument :

BNA_E

ClientSampleID :

PB94457BL

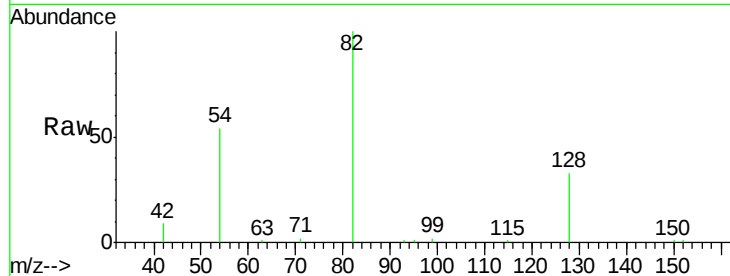
Tgt Ion: 82 Resp: 12821

Ion Ratio Lower Upper

82 100

128 33.3 39.0 58.4#

54 54.1 44.8 67.2

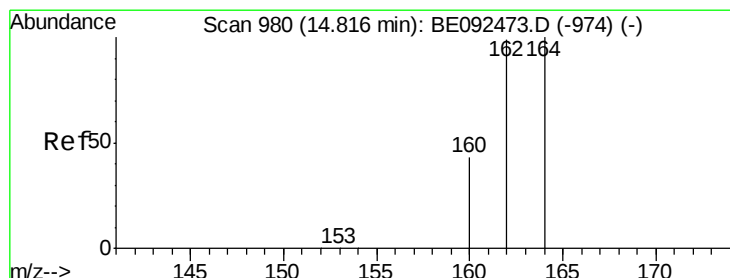
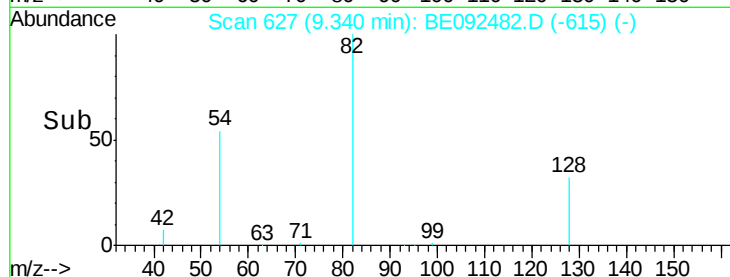


Abundance Ion 82.00 (81.70 to 82.70): BE092473.D (-625) (-)

Ion 128.00 (127.70 to 128.70): BE092473.D (-625) (-)

Ion 54.00 (53.70 to 54.70): BE092473.D (-625) (-)

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.82 min Scan# 980

Delta R.T. -0.00 min

Lab File: BE092482.D

Acq: 31 Oct 2016 16:36

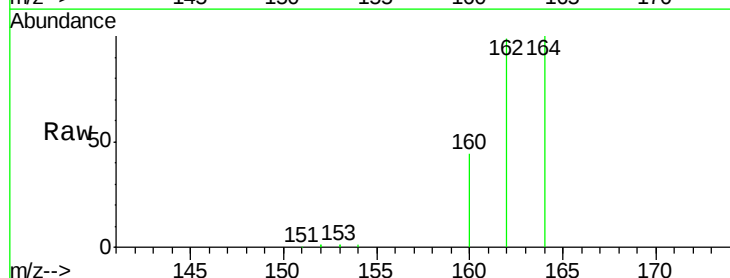
Tgt Ion: 164 Resp: 25489

Ion Ratio Lower Upper

164 100

162 99.4 71.4 107.0

160 44.4 27.4 41.2#

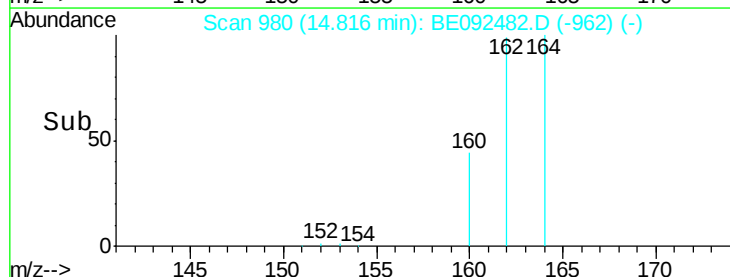


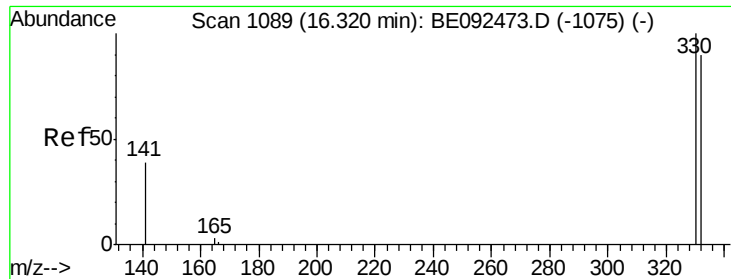
Abundance Ion 164.00 (163.70 to 164.70): BE092473.D (-974) (-)

Ion 162.00 (161.70 to 162.70): BE092473.D (-974) (-)

Ion 160.00 (159.70 to 160.70): BE092473.D (-974) (-)

Time-->

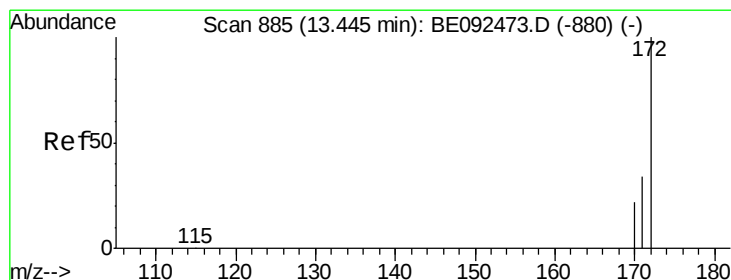
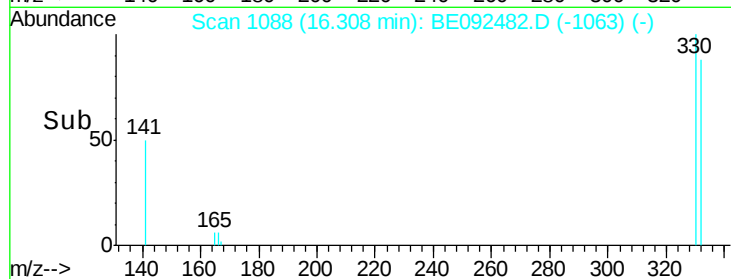
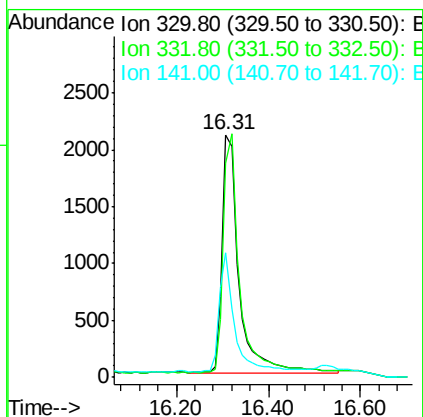
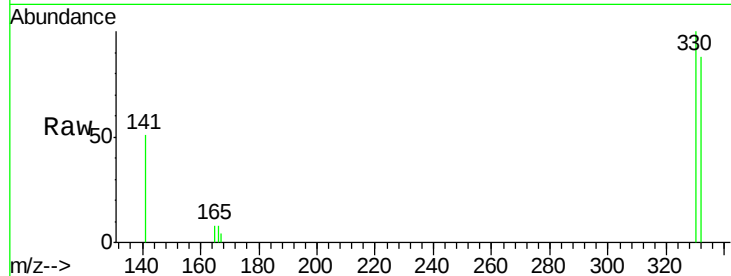




#13
 2,4,6-Tribromophenol
 Concen: 7.55 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: BE092482.D
 Acq: 31 Oct 2016 16:36

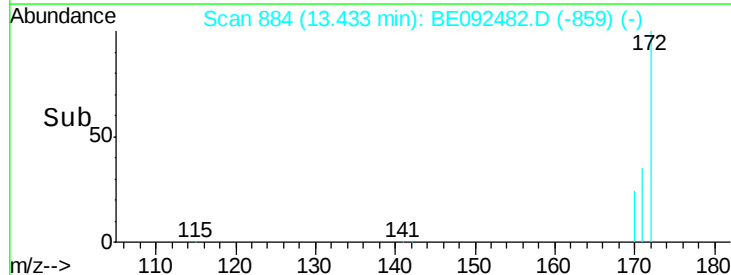
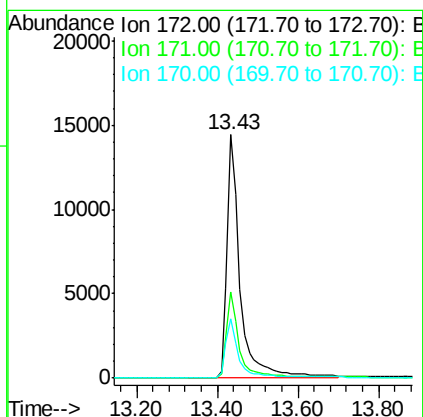
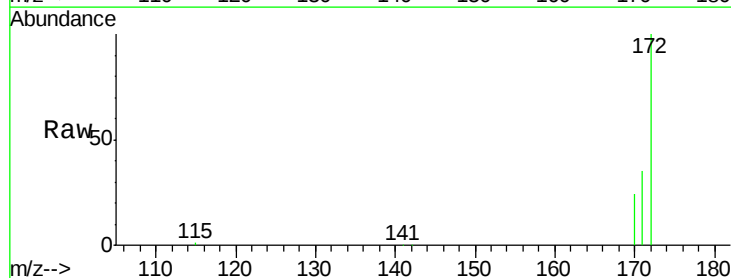
Instrument :
 BNA_E
 ClientSampleId :
 PB94457BL

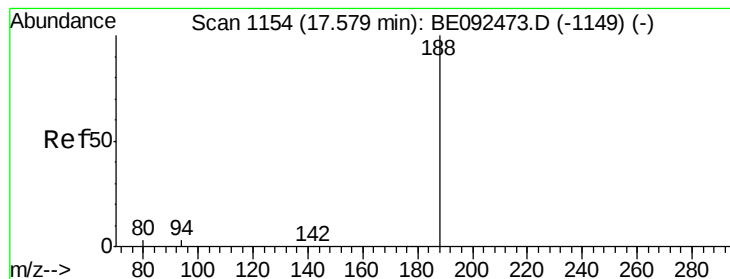
Tgt Ion: 330 Resp: 5206
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.4 113.0
 141 44.7 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 5.15 ng
 RT: 13.43 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BE092482.D
 Acq: 31 Oct 2016 16:36

Tgt Ion: 172 Resp: 32005
 Ion Ratio Lower Upper
 172 100
 171 35.4 30.1 45.1
 170 24.4 21.8 32.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE092482.D

Acq: 31 Oct 2016 16:36

Instrument :

BNA_E

ClientSampleId :

PB94457BL

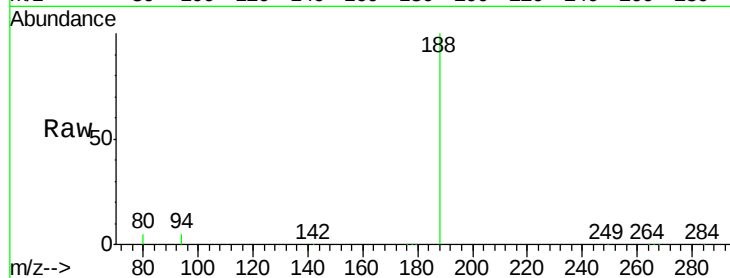
Tgt Ion:188 Resp: 51694

Ion Ratio Lower Upper

188 100

94 4.9 3.2 4.8#

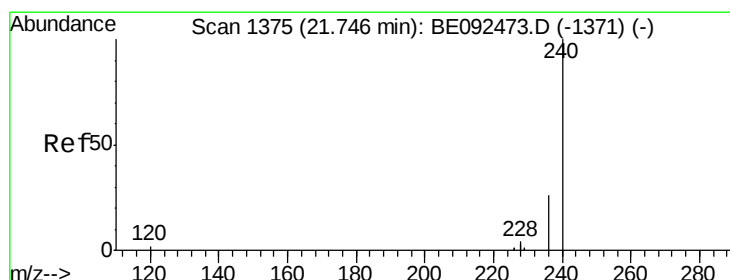
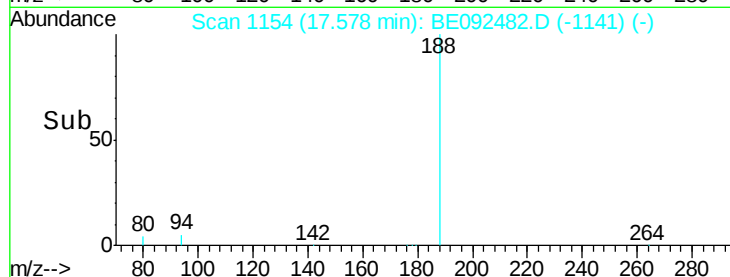
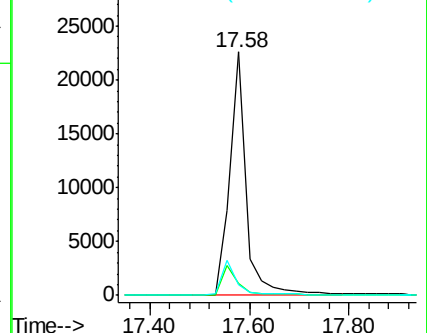
80 4.5 2.6 3.8#



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: BE092482.D

Acq: 31 Oct 2016 16:36

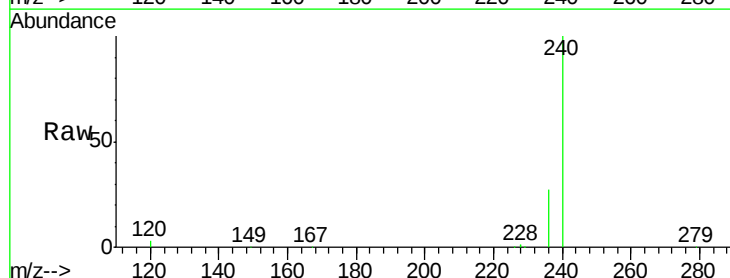
Tgt Ion:240 Resp: 68371

Ion Ratio Lower Upper

240 100

120 3.4 2.6 4.0

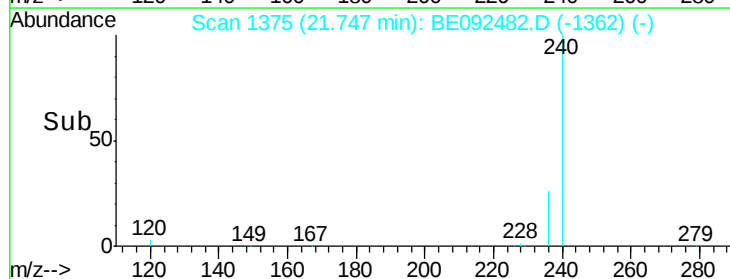
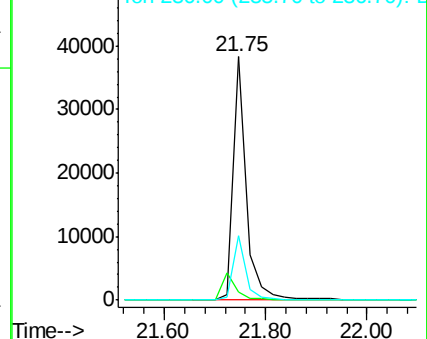
236 26.6 24.6 37.0

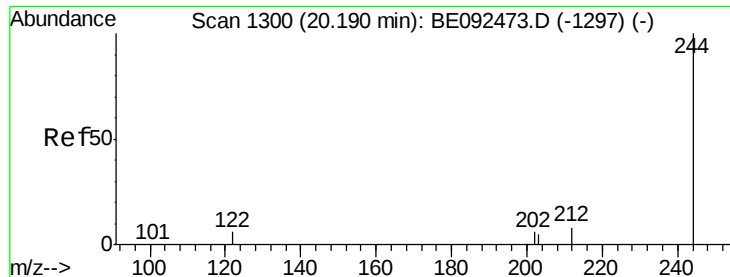


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

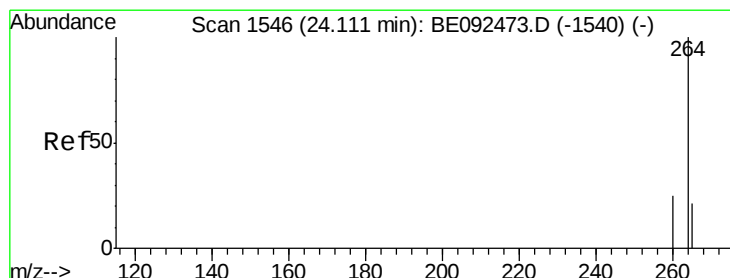
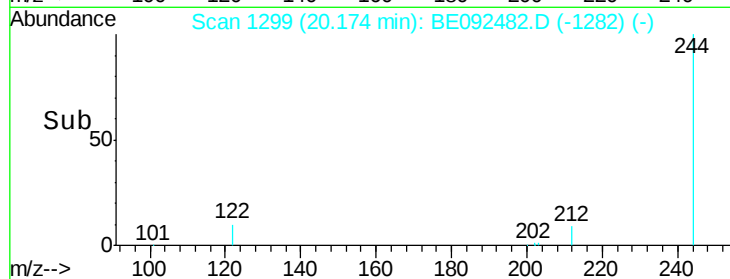
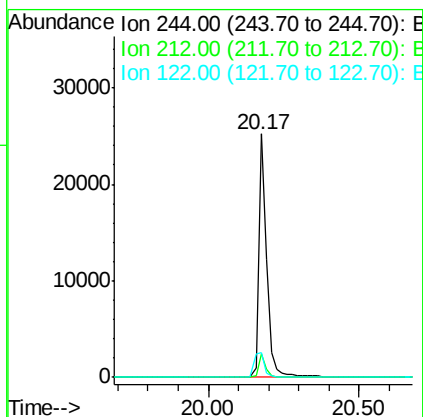
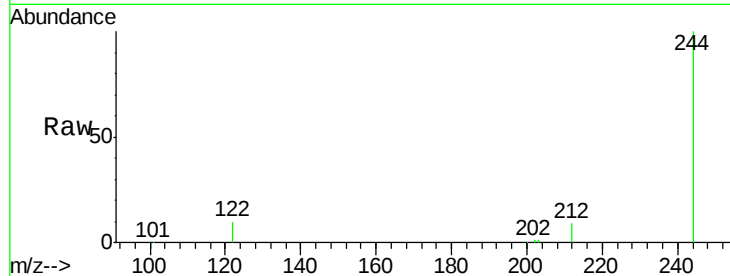




#26
 Terphenyl-d14
 Concen: 5.23 ng
 RT: 20.17 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BE092482.D
 Acq: 31 Oct 2016 16:36

Instrument :
 BNA_E
 ClientSampleId :
 PB94457BL

Tgt Ion:244 Resp: 44229
 Ion Ratio Lower Upper
 244 100
 212 9.4 6.7 10.1
 122 10.3 3.6 5.4#



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.11 min Scan# 1546
 Delta R.T. -0.00 min
 Lab File: BE092482.D
 Acq: 31 Oct 2016 16:36

Tgt Ion:264 Resp: 59742
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.1 30.1
 265 21.5 17.9 26.9

