

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090916\
Data File : BE092361.D
Acq On : 9 Sep 2016 19:02
Operator : UM/SJ
Sample : PB93333BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB93333BL

Quant Time: Sep 10 02:13:16 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 19:34:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	9984	5.00	ng	0.00
7) Naphthalene-d8	10.95	136	42434	5.00	ng	0.00
12) Acenaphthene-d10	14.81	164	23168	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	48338	5.00	ng	0.02
24) Chrysene-d12	21.75	240	56808	5.00	ng	0.00
31) Perylene-d12	24.10	264	60706	5.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.68	112	17419	7.34	ng	-0.01
5) Phenol-d6	7.34	99	21831	6.89	ng	-0.02
8) Nitrobenzene-d5	9.36	82	8809	2.89	ng	0.00
13) 2,4,6-Tribromophenol	16.32	330	3723	5.19	ng	0.00
14) 2-Fluorobiphenyl	13.44	172	21831	3.07	ng	0.00
26) Terphenyl-d14	20.17	244	28490	3.39	ng	0.00

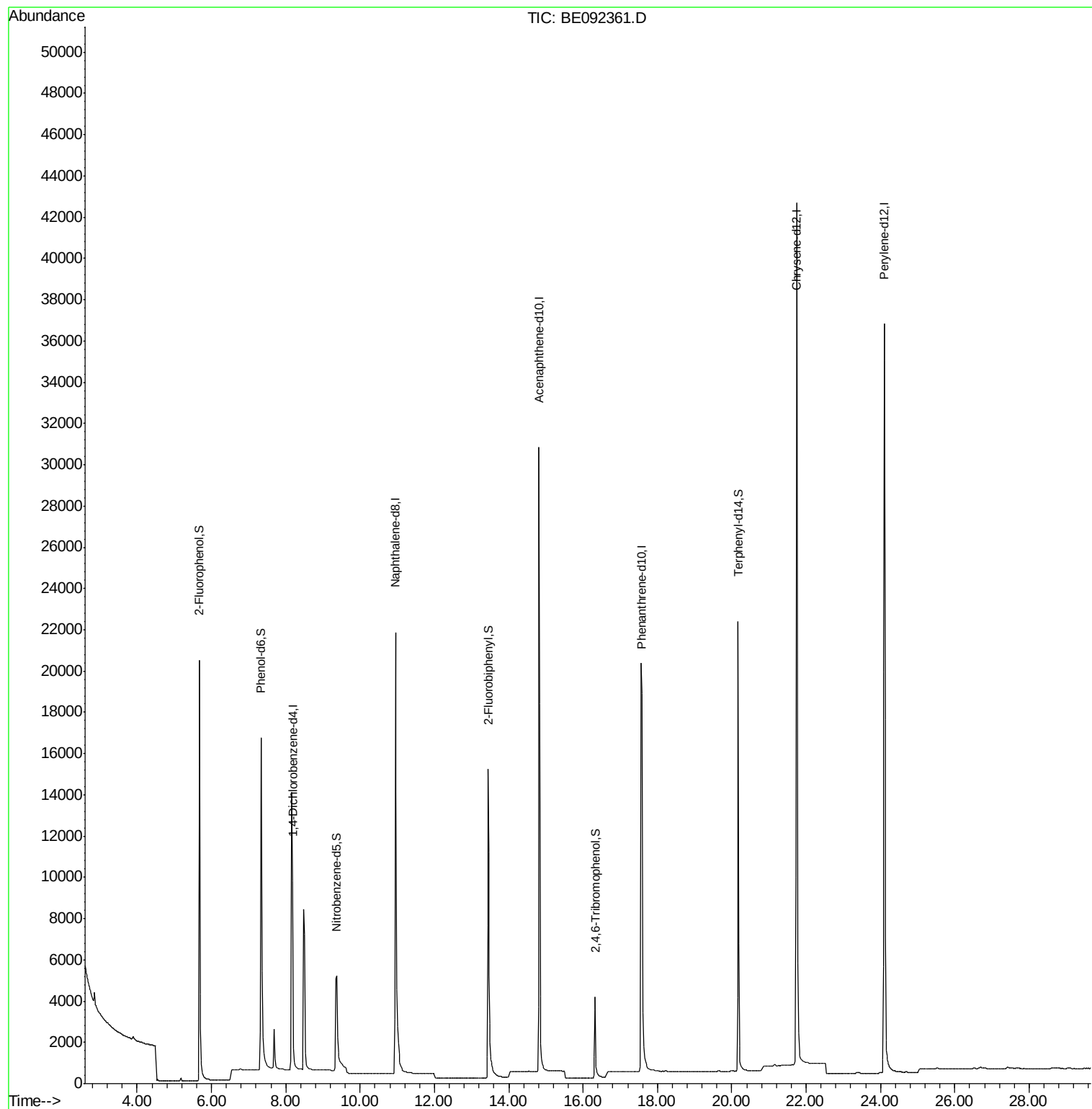
Target Compounds	Qvalue
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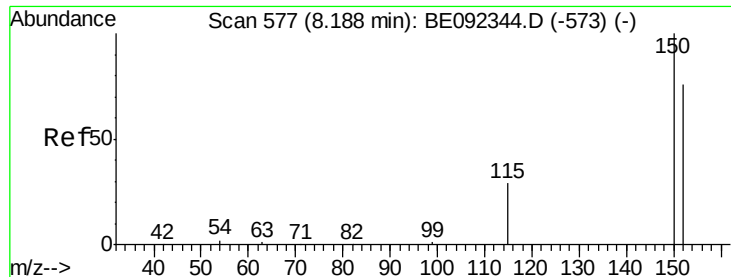
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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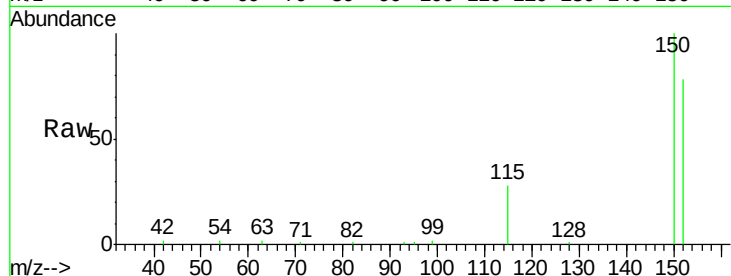


#1

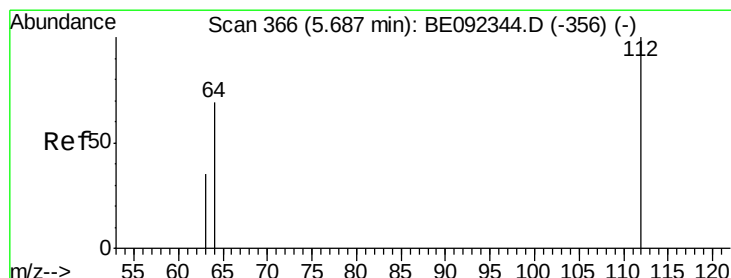
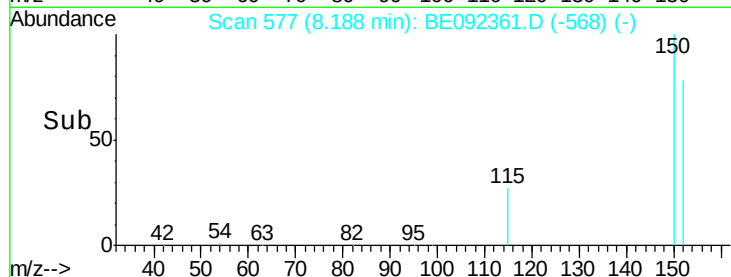
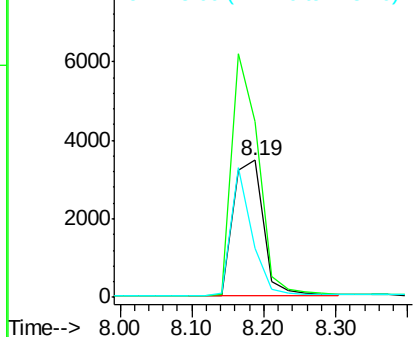
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.19 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE092361.D
Acq: 9 Sep 2016 19:02

Instrument :
BNA_E
ClientSampleId :
PB93333BL

Tgt Ion:152 Resp: 9984
Ion Ratio Lower Upper
152 100
150 128.2 106.0 159.0
115 35.8 31.2 46.8



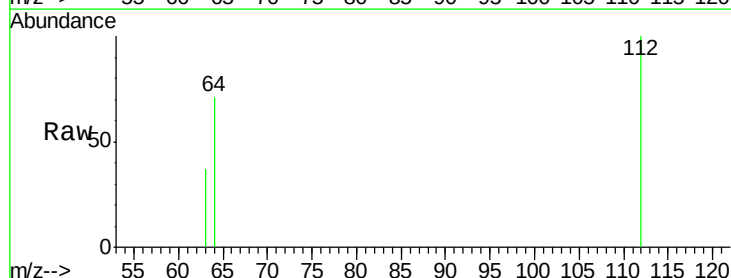
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



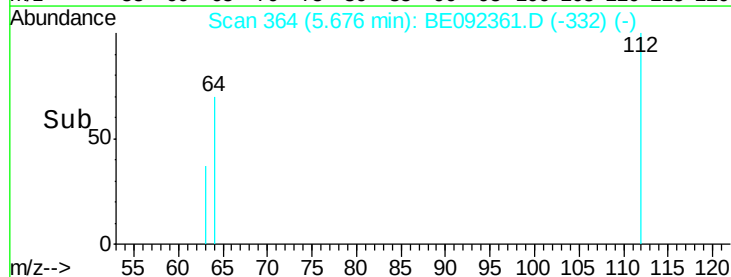
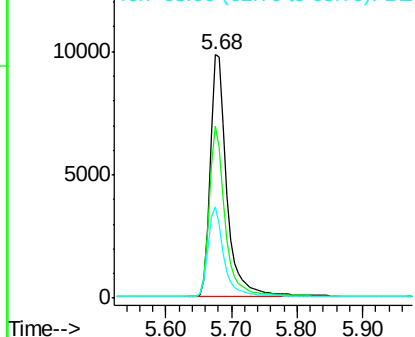
#4

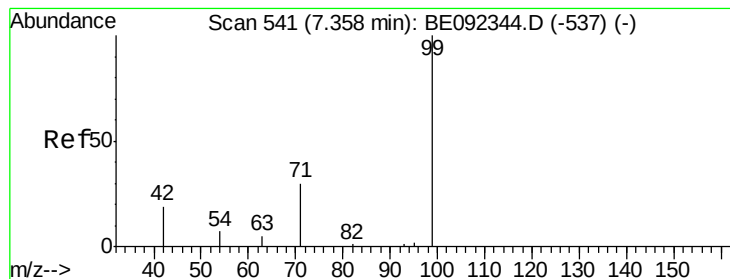
2-Fluorophenol
Concen: 7.34 ng
RT: 5.68 min Scan# 364
Delta R.T. -0.01 min
Lab File: BE092361.D
Acq: 9 Sep 2016 19:02

Tgt Ion:112 Resp: 17419
Ion Ratio Lower Upper
112 100
64 67.5 53.5 80.3
63 36.0 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: 6.89 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.02 min

Lab File: BE092361.D

Acq: 9 Sep 2016 19:02

Instrument :

BNA_E

ClientSampleId :

PB93333BL

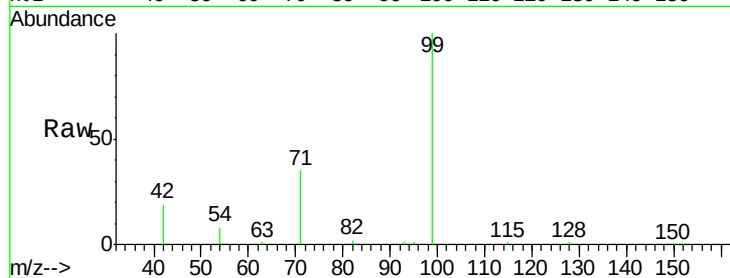
Tgt Ion: 99 Resp: 21831

Ion Ratio Lower Upper

99 100

42 22.4 16.0 24.0

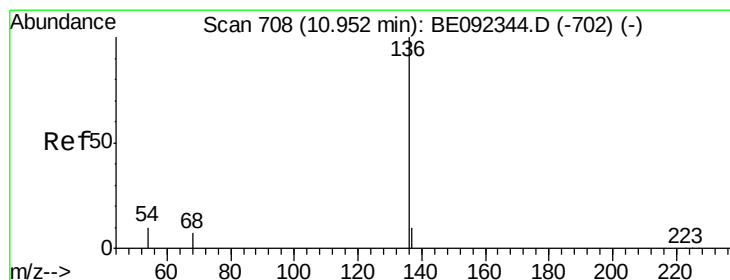
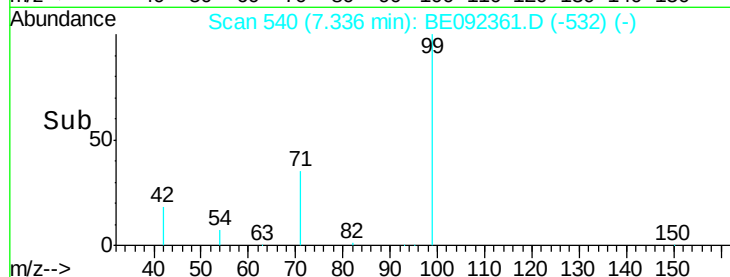
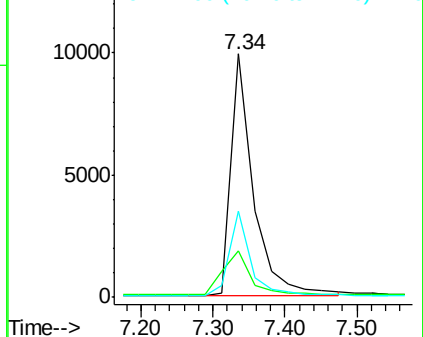
71 33.7 30.6 45.8



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: BE092361.D

Acq: 9 Sep 2016 19:02

Tgt Ion: 136 Resp: 42434

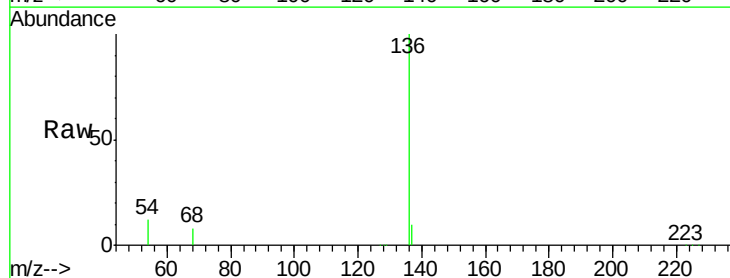
Ion Ratio Lower Upper

136 100

137 10.3 8.2 12.4

54 11.7 9.6 14.4

68 8.2 6.7 10.1

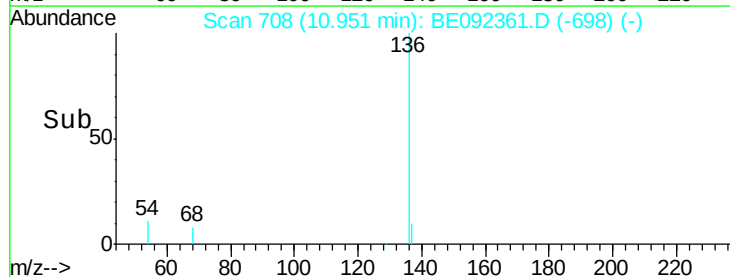
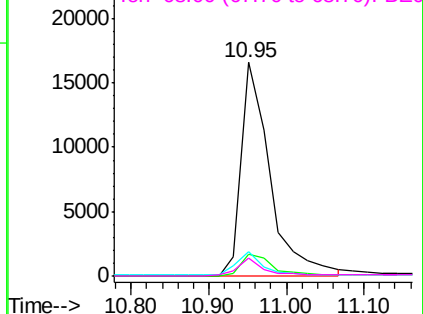


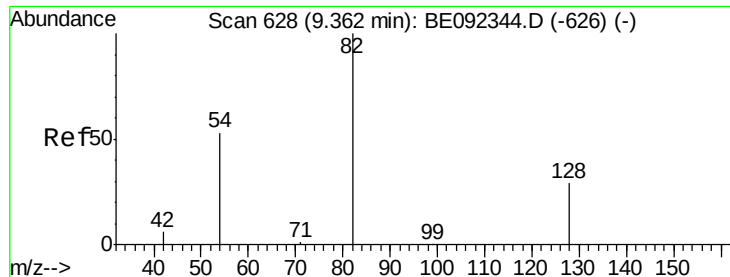
Abundance Ion 136.00 (135.70 to 136.70): E

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

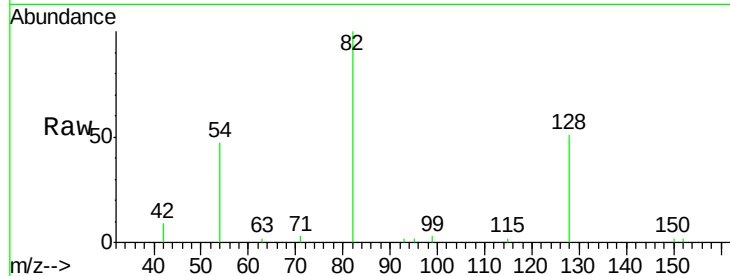




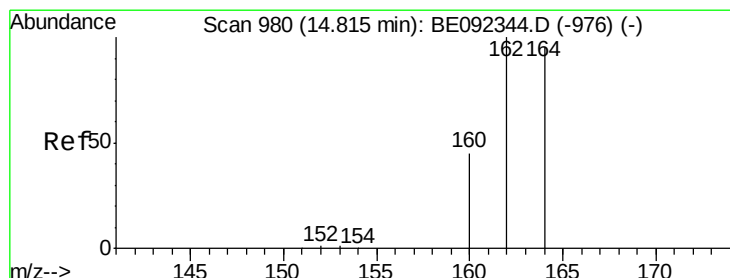
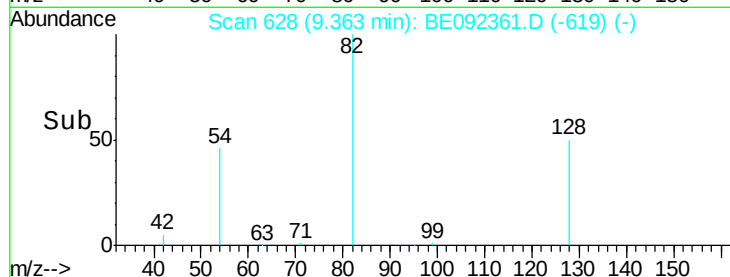
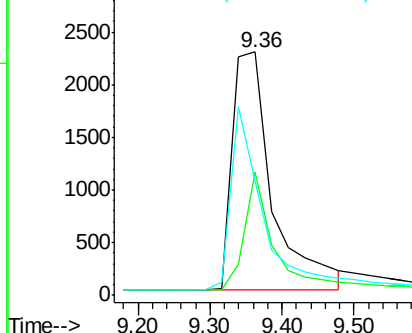
#8
 Nitrobenzene-d5
 Concen: 2.89 ng
 RT: 9.36 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BE092361.D
 Acq: 9 Sep 2016 19:02

Instrument :
 BNA_E
 ClientSampleId :
 PB93333BL

Tgt Ion: 82 Resp: 8809
 Ion Ratio Lower Upper
 82 100
 128 50.8 39.0 58.4
 54 46.8 44.8 67.2

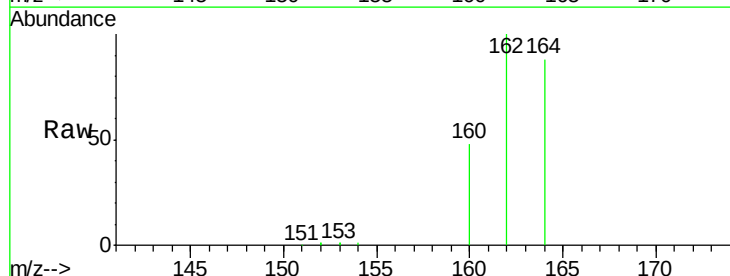


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

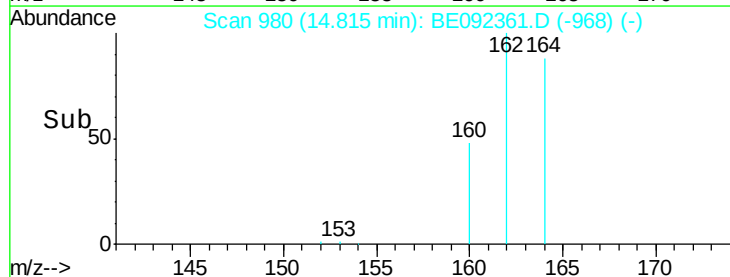
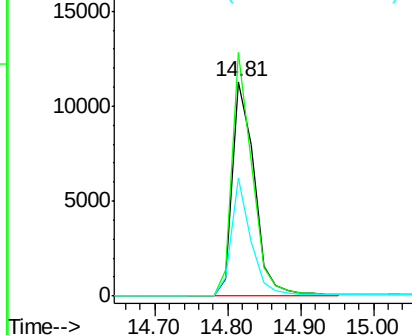


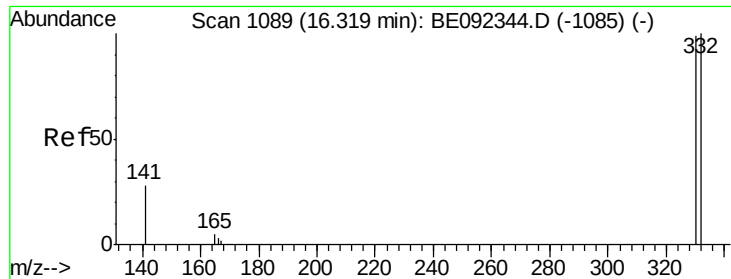
#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.81 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BE092361.D
 Acq: 9 Sep 2016 19:02

Tgt Ion: 164 Resp: 23168
 Ion Ratio Lower Upper
 164 100
 162 113.5 71.4 107.0#
 160 54.8 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

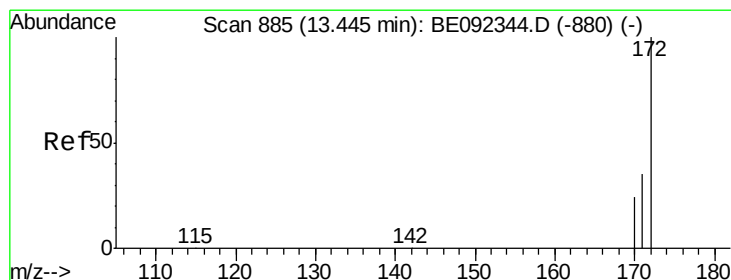
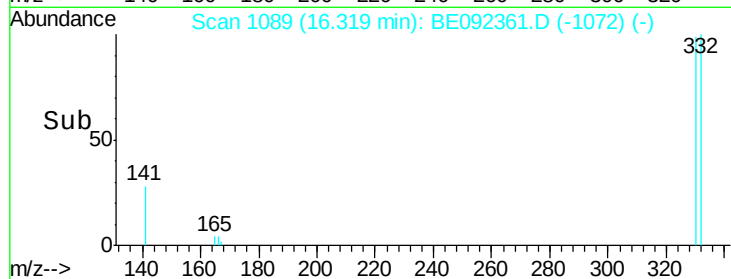
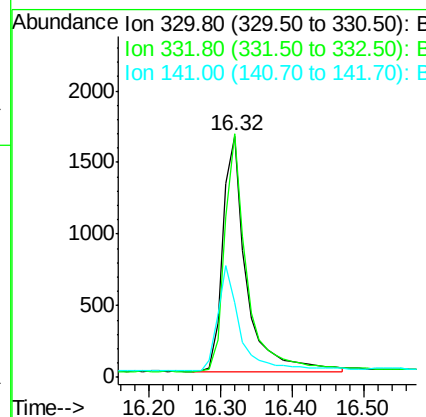
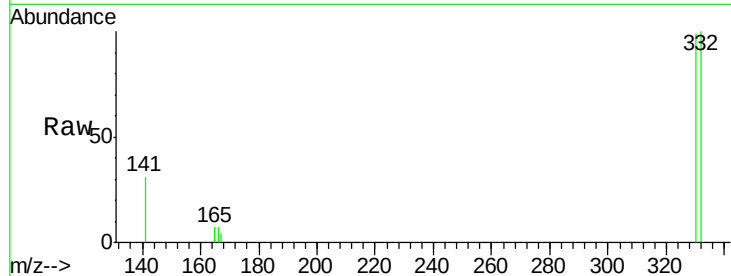




#13
 2,4,6-Tribromophenol
 Concen: 5.19 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BE092361.D
 Acq: 9 Sep 2016 19:02

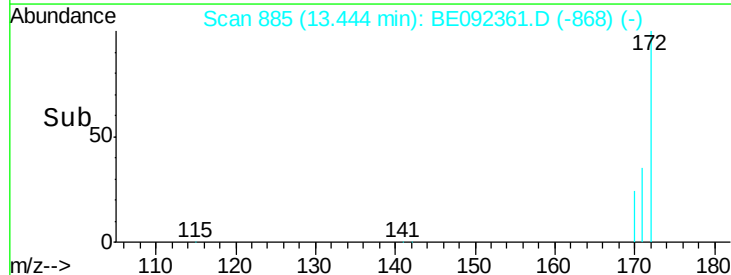
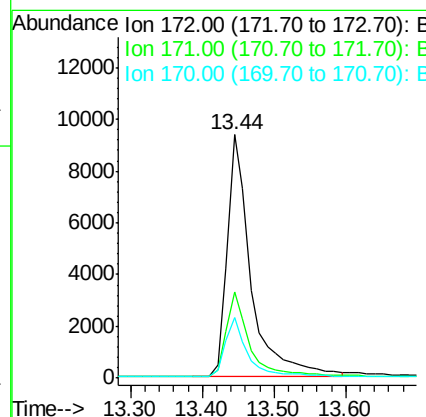
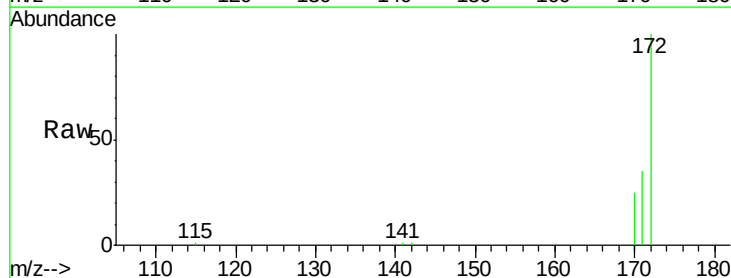
Instrument :
 BNA_E
 ClientSampleId :
 PB93333BL

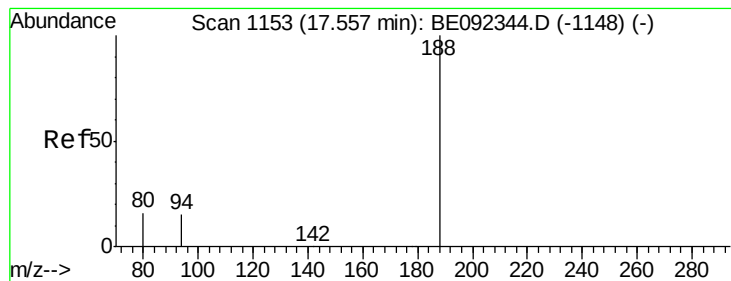
Tgt Ion: 330 Resp: 3723
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.4 113.0
 141 42.2 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 3.07 ng
 RT: 13.44 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BE092361.D
 Acq: 9 Sep 2016 19:02

Tgt Ion: 172 Resp: 21831
 Ion Ratio Lower Upper
 172 100
 171 35.3 30.1 45.1
 170 24.7 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: BE092361.D

Acq: 9 Sep 2016 19:02

Instrument :

BNA_E

ClientSampleId :

PB93333BL

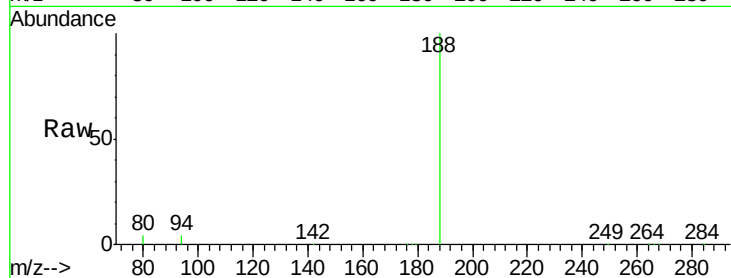
Tgt Ion:188 Resp: 48338

Ion Ratio Lower Upper

188 100

94 4.5 3.2 4.8

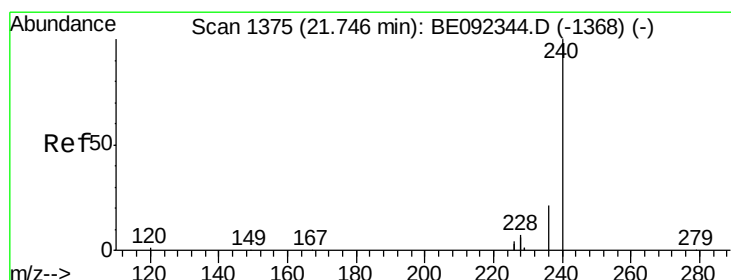
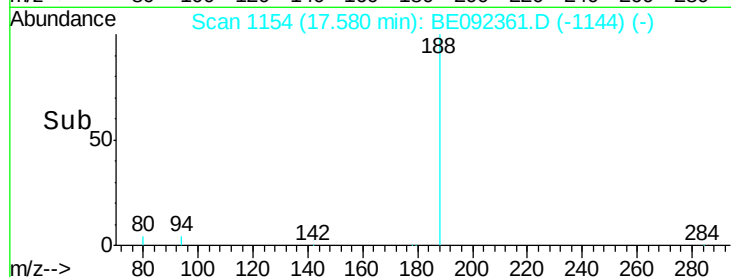
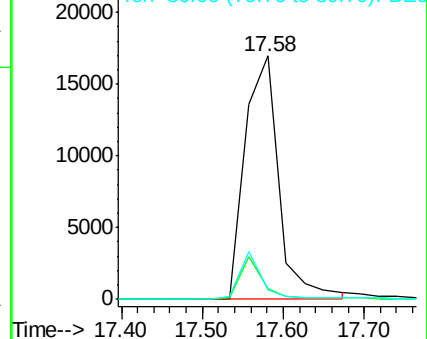
80 4.1 2.6 3.8#



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: BE092361.D

Acq: 9 Sep 2016 19:02

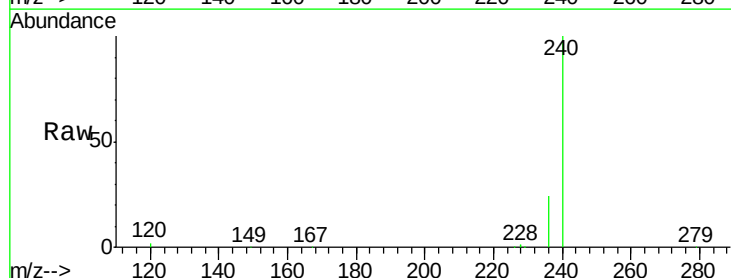
Tgt Ion:240 Resp: 56808

Ion Ratio Lower Upper

240 100

120 2.1 2.6 4.0#

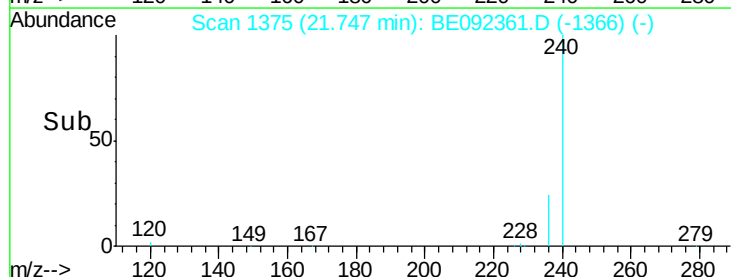
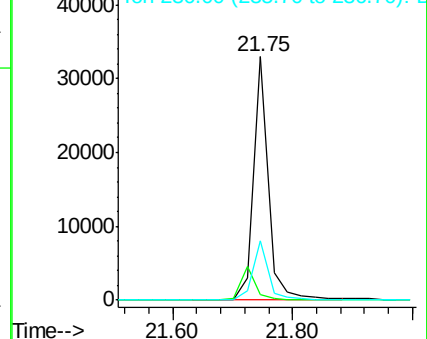
236 24.1 24.6 37.0#

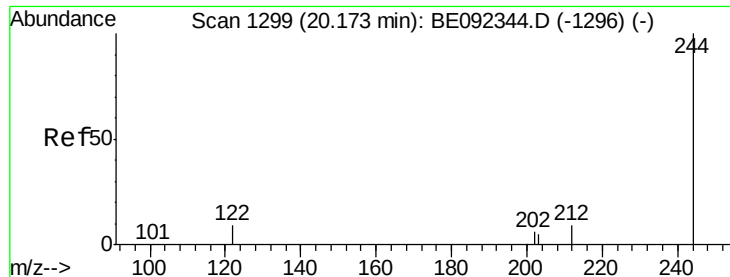


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

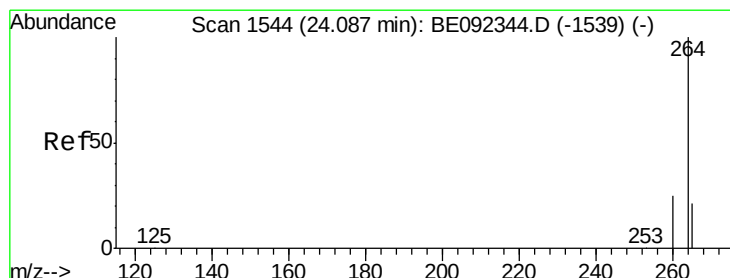
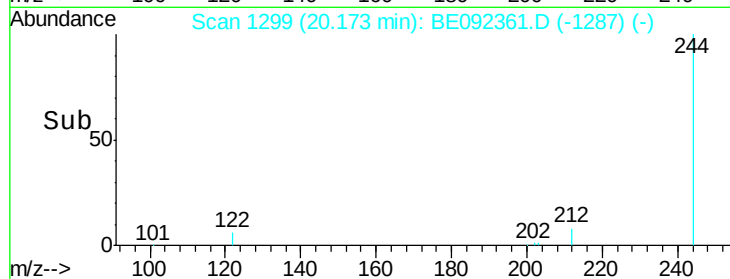
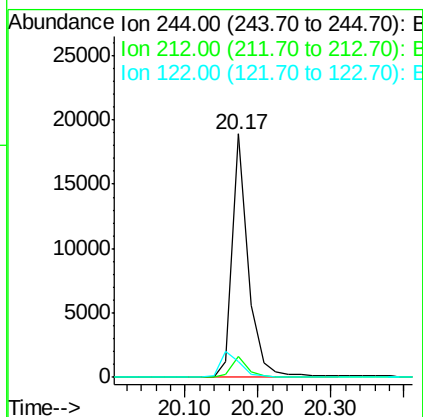
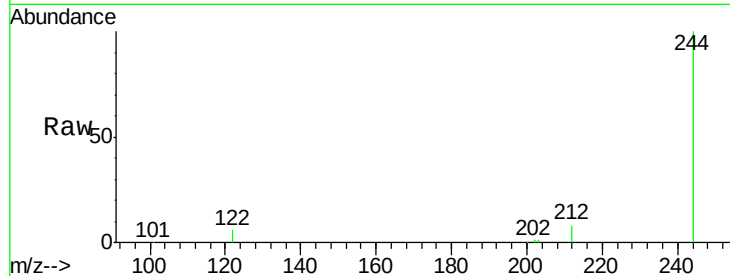




#26
 Terphenyl-d14
 Concen: 3.39 ng
 RT: 20.17 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BE092361.D
 Acq: 9 Sep 2016 19:02

Instrument :
 BNA_E
 ClientSampleId :
 PB93333BL

Tgt Ion: 244 Resp: 28490
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.7 10.1
 122 6.3 3.6 5.4#



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.10 min Scan# 1545
 Delta R.T. 0.01 min
 Lab File: BE092361.D
 Acq: 9 Sep 2016 19:02

Tgt Ion: 264 Resp: 60706
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.1 30.1
 265 21.0 17.9 26.9

