

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021517\
 Data File : BE092737.D
 Acq On : 15 Feb 2017 17:31
 Operator : SJ/MA
 Sample : PB96882BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB96882BL

Quant Time: Feb 16 03:28:49 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE021517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 15 17:05:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	10060	5.00	ng	0.00
7) Naphthalene-d8	10.89	136	42050	5.00	ng	0.00
12) Acenaphthene-d10	14.76	164	23598	5.00	ng	0.00
18) Phenanthrene-d10	17.51	188	43718	5.00	ng	0.00
24) Chrysene-d12	21.70	240	49508	5.00	ng	0.00
31) Perylene-d12	24.03	264	44874	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.61	112	18789	9.60	ng	-0.02
5) Phenol-d6	7.29	99	21826	9.09	ng	-0.02
8) Nitrobenzene-d5	9.29	82	9613	3.41	ng	-0.02
13) 2,4,6-Tribromophenol	16.27	330	3004	6.00	ng	-0.01
14) 2-Fluorobiphenyl	13.39	172	22126	3.85	ng	-0.01
26) Terphenyl-d14	20.12	244	24252	3.84	ng	-0.02

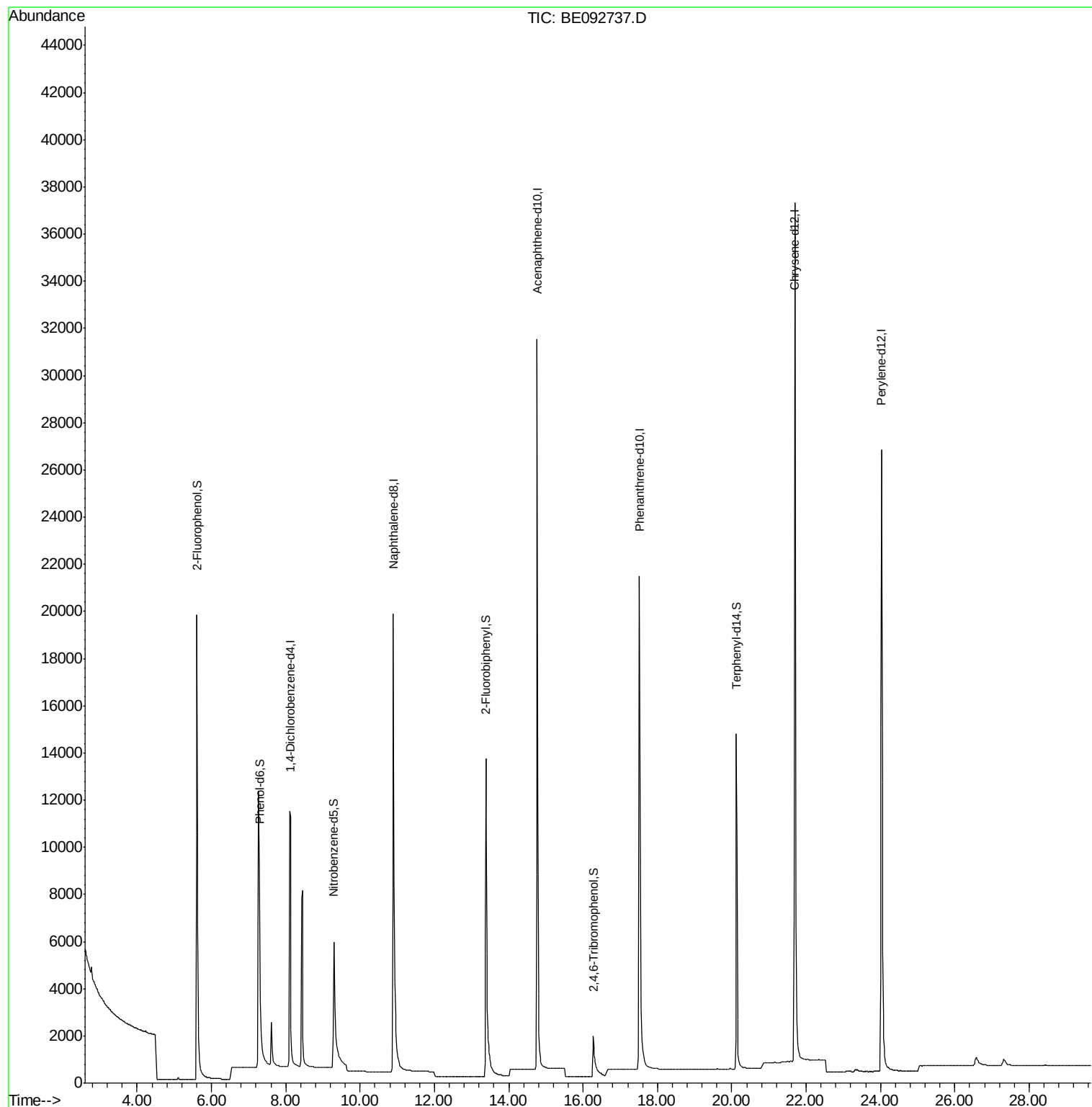
Target Compounds	Qvalue
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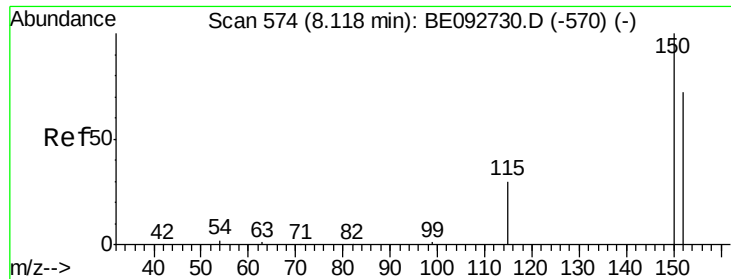
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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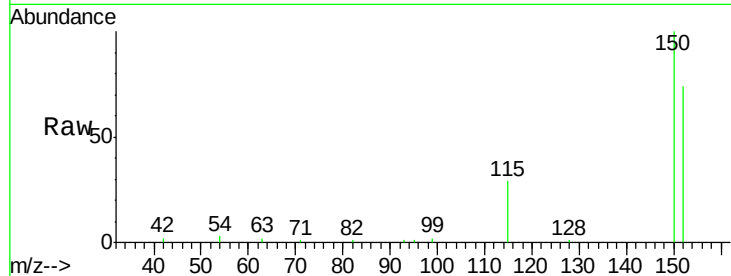


#1

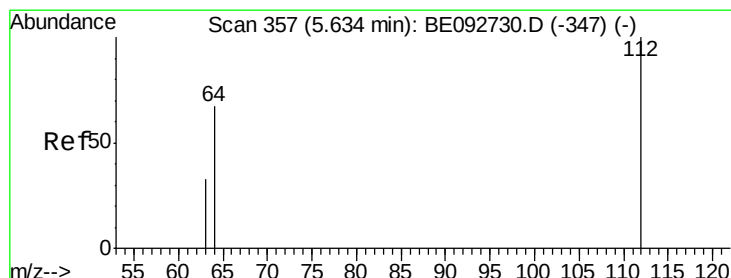
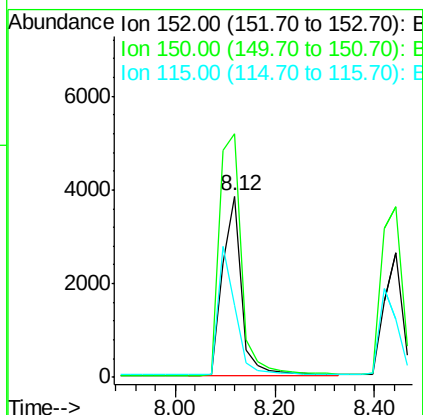
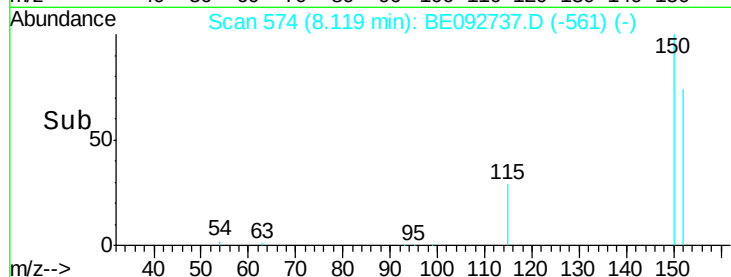
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.12 min Scan# 574
Delta R.T. 0.00 min
Lab File: BE092737.D
Acq: 15 Feb 2017 17:31

Instrument :
BNA_E
ClientSampleId :
PB96882BL

Tgt Ion:152 Resp: 10060
Ion Ratio Lower Upper
152 100
150 134.2 106.0 159.0
115 39.6 31.2 46.8



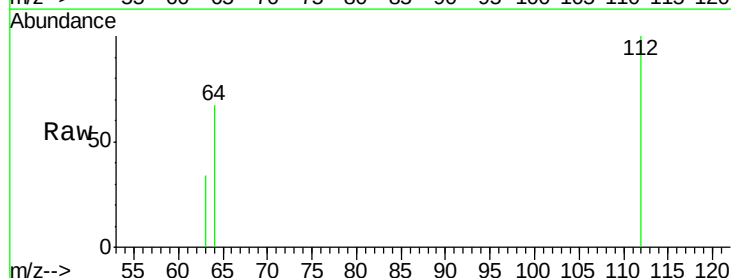
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



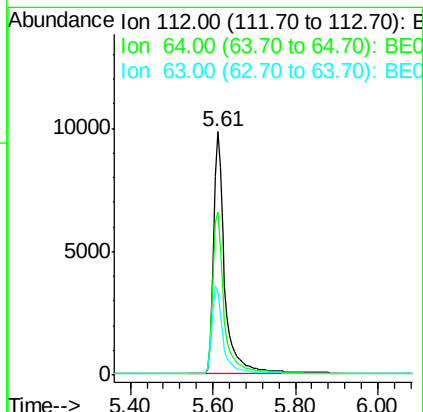
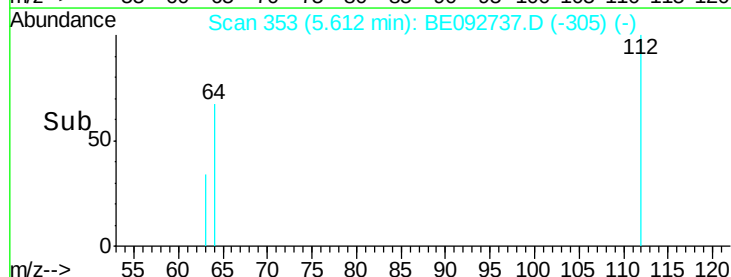
#4

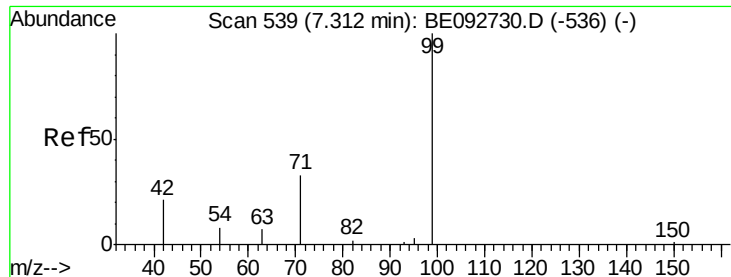
2-Fluorophenol
Concen: 9.60 ng
RT: 5.61 min Scan# 353
Delta R.T. -0.02 min
Lab File: BE092737.D
Acq: 15 Feb 2017 17:31

Tgt Ion:112 Resp: 18789
Ion Ratio Lower Upper
112 100
64 68.2 53.5 80.3
63 36.3 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: 9.09 ng

RT: 7.29 min Scan# 538

Delta R.T. -0.02 min

Lab File: BE092737.D

Acq: 15 Feb 2017 17:31

Instrument :

BNA_E

ClientSampled :

PB96882BL

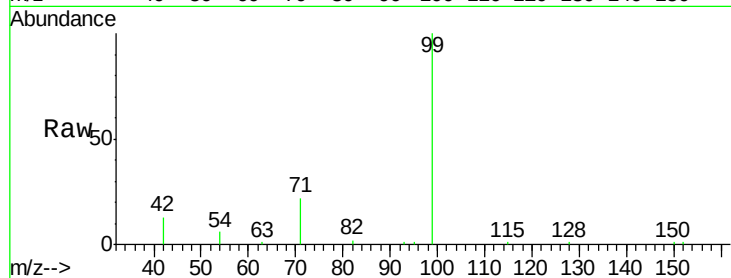
Tgt Ion: 99 Resp: 21826

Ion Ratio Lower Upper

99 100

42 0.0 16.0 24.0#

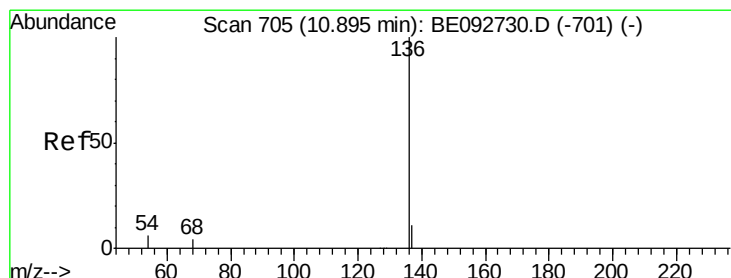
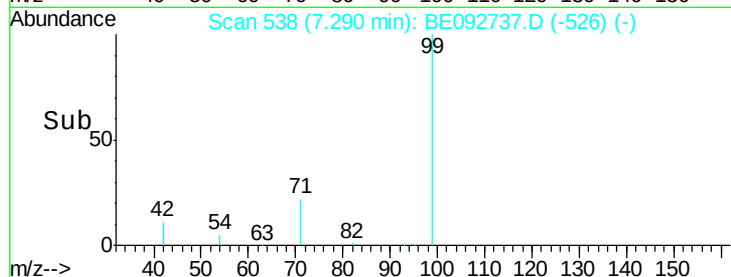
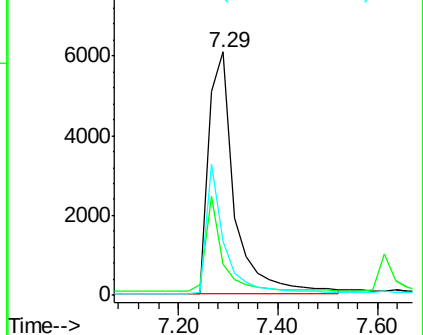
71 0.0 30.6 45.8#



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: 10.89 min Scan# 705

Delta R.T. -0.00 min

Lab File: BE092737.D

Acq: 15 Feb 2017 17:31

Tgt Ion: 136 Resp: 42050

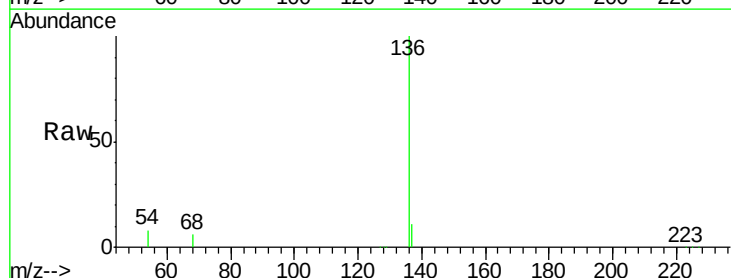
Ion Ratio Lower Upper

136 100

137 11.3 8.2 12.4

54 7.8 9.6 14.4#

68 5.6 6.7 10.1#

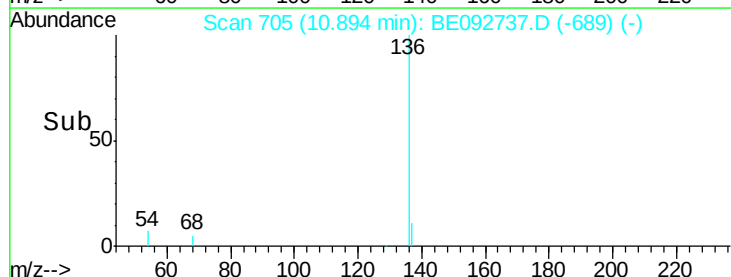
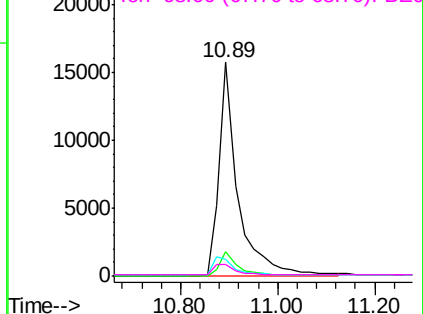


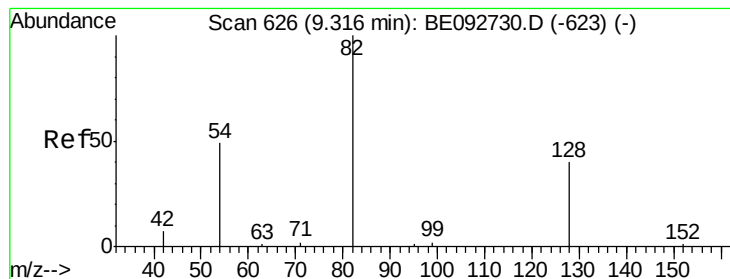
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.41 ng

RT: 9.29 min Scan# 625

Delta R.T. -0.02 min

Lab File: BE092737.D

Acq: 15 Feb 2017 17:31

Instrument :

BNA_E

ClientSampleId :

PB96882BL

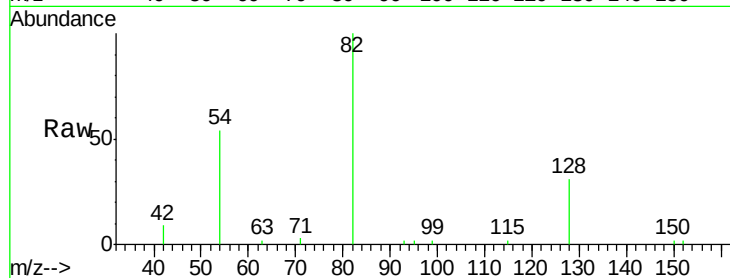
Tgt Ion: 82 Resp: 9613

Ion Ratio Lower Upper

82 100

128 30.6 39.0 58.4#

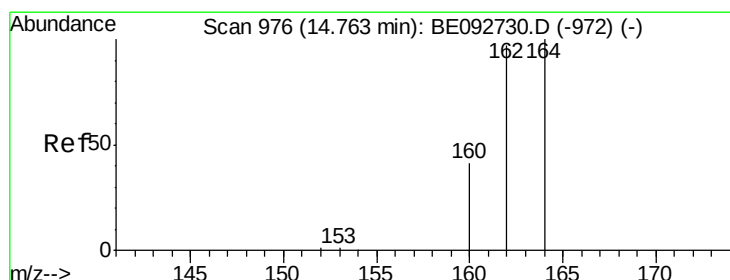
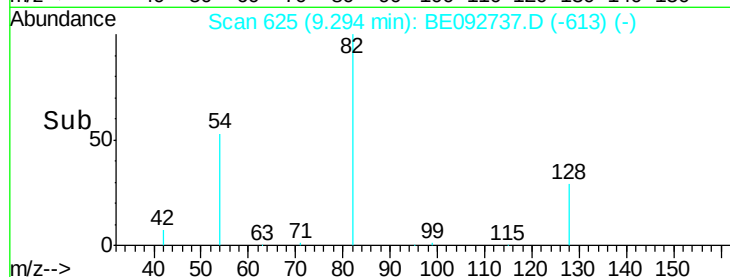
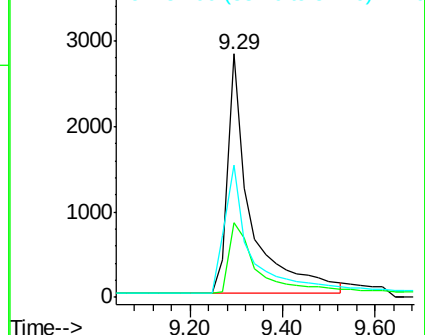
54 54.1 44.8 67.2



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: 14.76 min Scan# 977

Delta R.T. 0.00 min

Lab File: BE092737.D

Acq: 15 Feb 2017 17:31

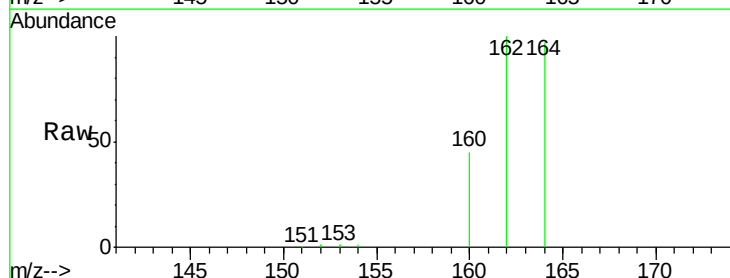
Tgt Ion: 164 Resp: 23598

Ion Ratio Lower Upper

164 100

162 102.6 71.4 107.0

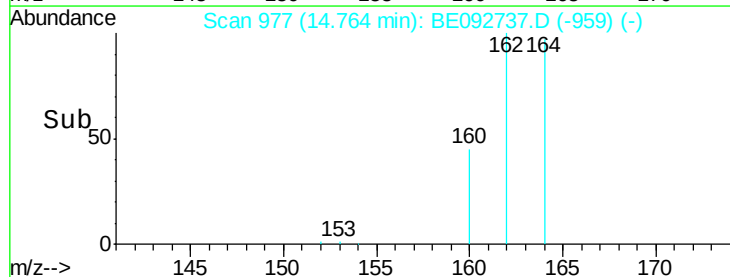
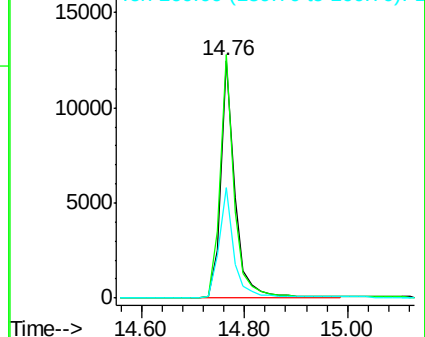
160 46.4 27.4 41.2#

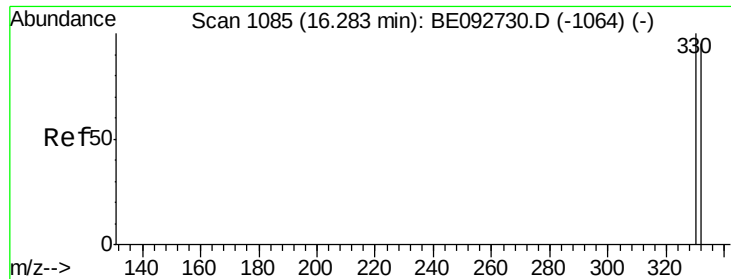


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

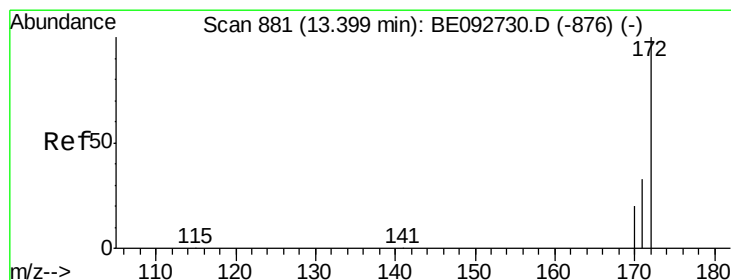
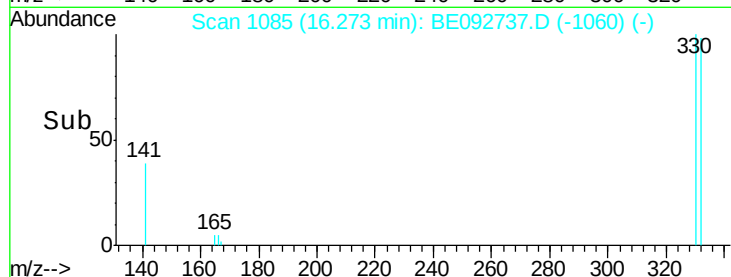
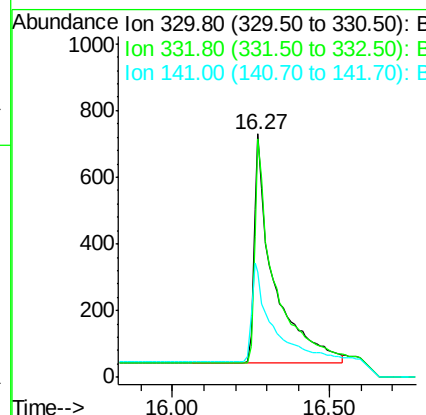
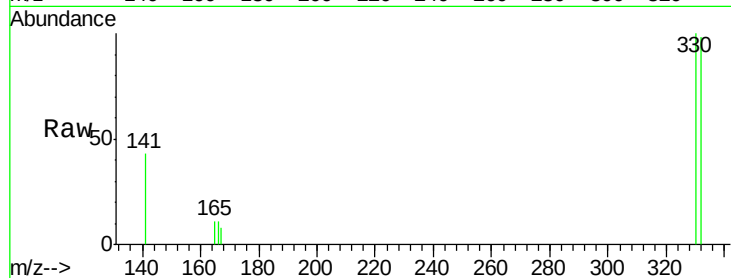




#13
 2,4,6-Tribromophenol
 Concen: 6.00 ng
 RT: 16.27 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BE092737.D
 Acq: 15 Feb 2017 17:31

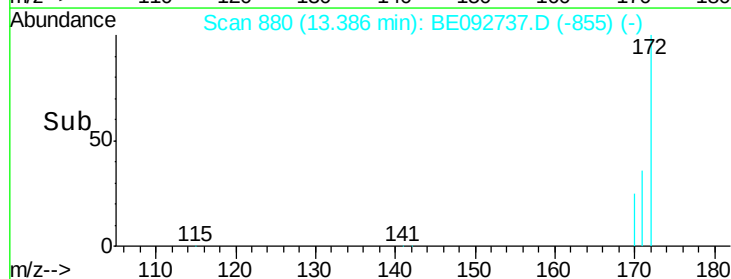
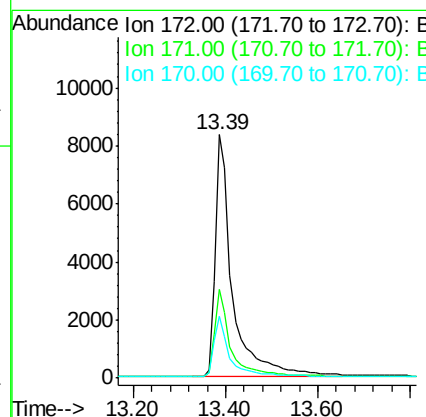
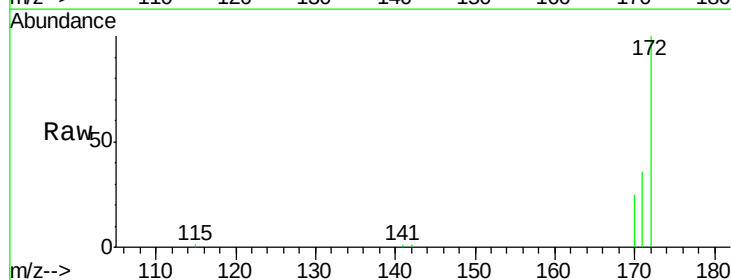
Instrument :
 BNA_E
 ClientSampleId :
 PB96882BL

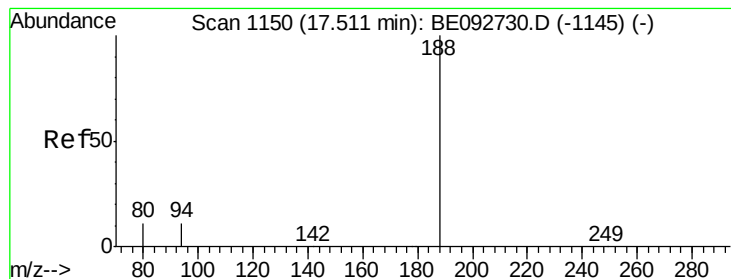
Tgt Ion: 330 Resp: 3004
 Ion Ratio Lower Upper
 330 100
 332 97.2 75.4 113.0
 141 45.5 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 3.85 ng
 RT: 13.39 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BE092737.D
 Acq: 15 Feb 2017 17:31

Tgt Ion: 172 Resp: 22126
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.1 45.1
 170 25.5 21.8 32.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.51 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BE092737.D

Acq: 15 Feb 2017 17:31

Instrument :

BNA_E

ClientSampleId :

PB96882BL

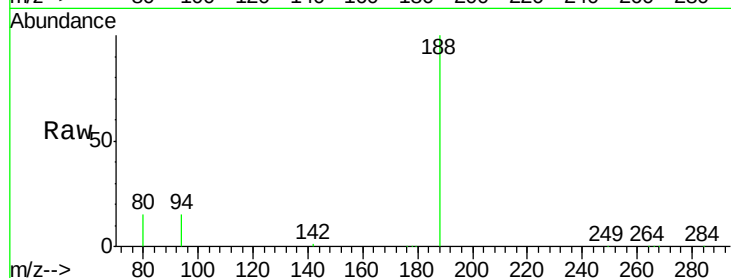
Tgt Ion:188 Resp: 43718

Ion Ratio Lower Upper

188 100

94 14.7 3.2 4.8#

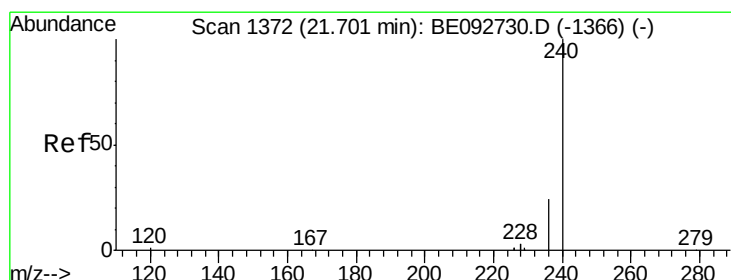
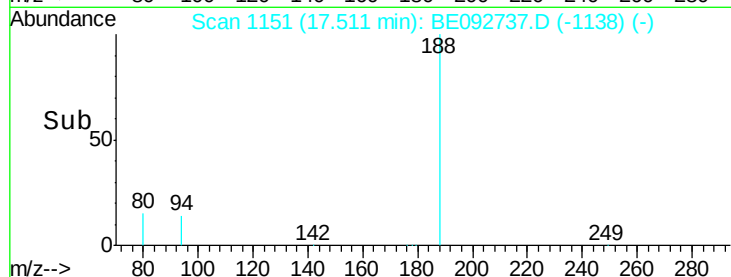
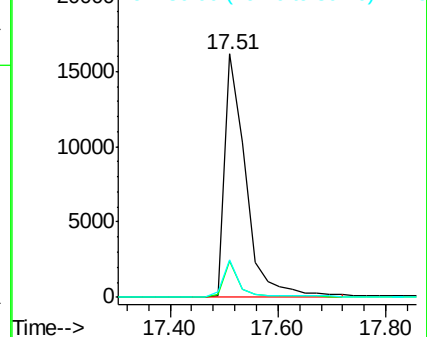
80 15.2 2.6 3.8#



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: 21.70 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BE092737.D

Acq: 15 Feb 2017 17:31

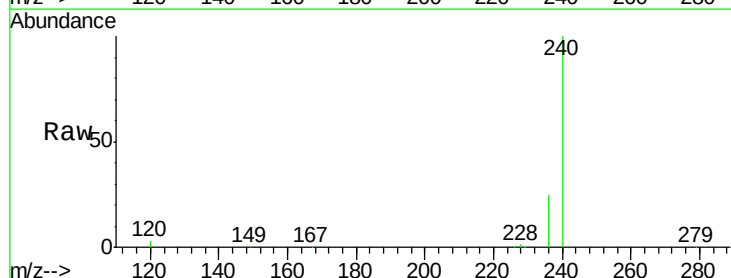
Tgt Ion:240 Resp: 49508

Ion Ratio Lower Upper

240 100

120 2.8 2.6 4.0

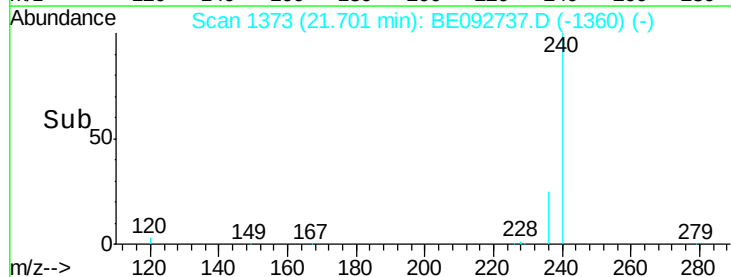
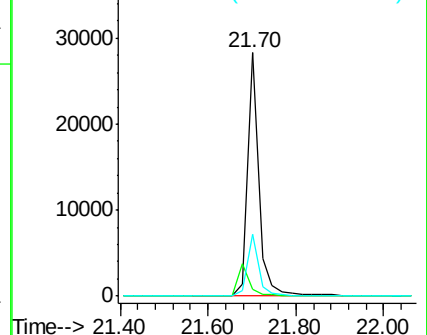
236 25.2 24.6 37.0

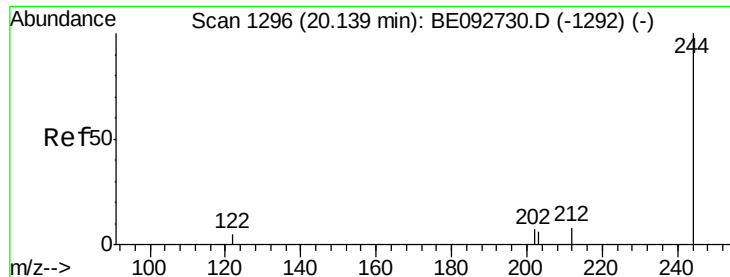


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

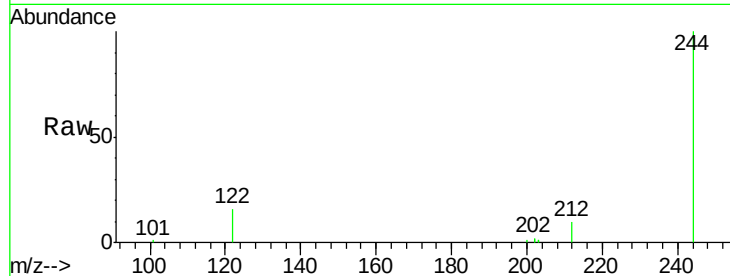




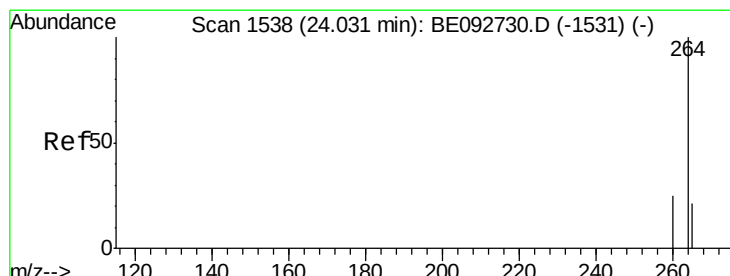
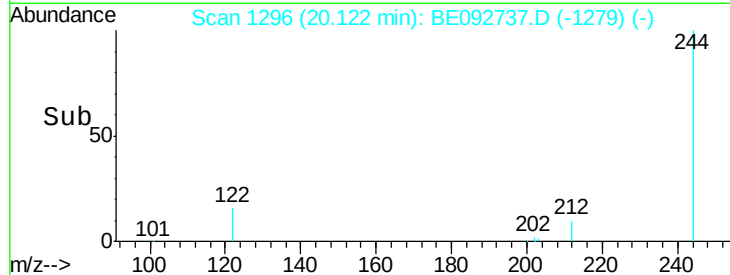
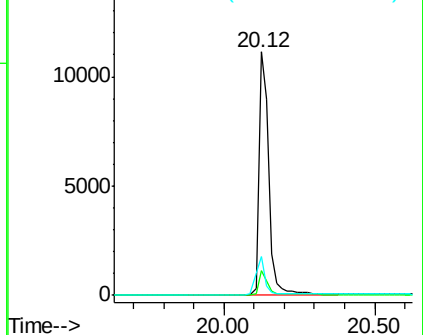
#26
 Terphenyl-d14
 Concen: 3.84 ng
 RT: 20.12 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BE092737.D
 Acq: 15 Feb 2017 17:31

Instrument :
 BNA_E
 ClientSampleId :
 PB96882BL

Tgt Ion: 244 Resp: 24252
 Ion Ratio Lower Upper
 244 100
 212 10.1 6.7 10.1#
 122 16.1 3.6 5.4#

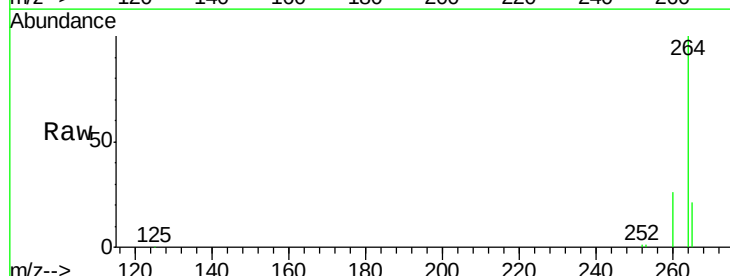


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.03 min Scan# 1539
 Delta R.T. -0.00 min
 Lab File: BE092737.D
 Acq: 15 Feb 2017 17:31

Tgt Ion: 264 Resp: 44874
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.1 30.1
 265 21.2 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

