

Data Path : Z:\HPCHEM1\BNA E\DATA\BE030617\
 Data File : BE092791.D
 Acq On : 6 Mar 2017 17:38
 Operator : SJ/MA
 Sample : PB97289BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB97289BL

Quant Time: Mar 07 02:31:12 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE030617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 06 15:46:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	11453	5.00	ng	-0.02
7) Naphthalene-d8	10.87	136	44755	5.00	ng	-0.02
12) Acenaphthene-d10	14.76	164	21775	5.00	ng	0.00
18) Phenanthrene-d10	17.51	188	50762	5.00	ng	0.00
24) Chrysene-d12	21.68	240	63363	5.00	ng	-0.02
31) Perylene-d12	24.01	264	31327	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.60	112	20115	8.30	ng	-0.03
5) Phenol-d6	7.27	99	22713	7.87	ng	-0.05
8) Nitrobenzene-d5	9.27	82	10679	3.90	ng	-0.05
13) 2,4,6-Tribromophenol	16.26	330	4543	7.93	ng	-0.02
14) 2-Fluorobiphenyl	13.37	172	23473	4.57	ng	-0.02
26) Terphenyl-d14	20.12	244	31728	4.15	ng	-0.02

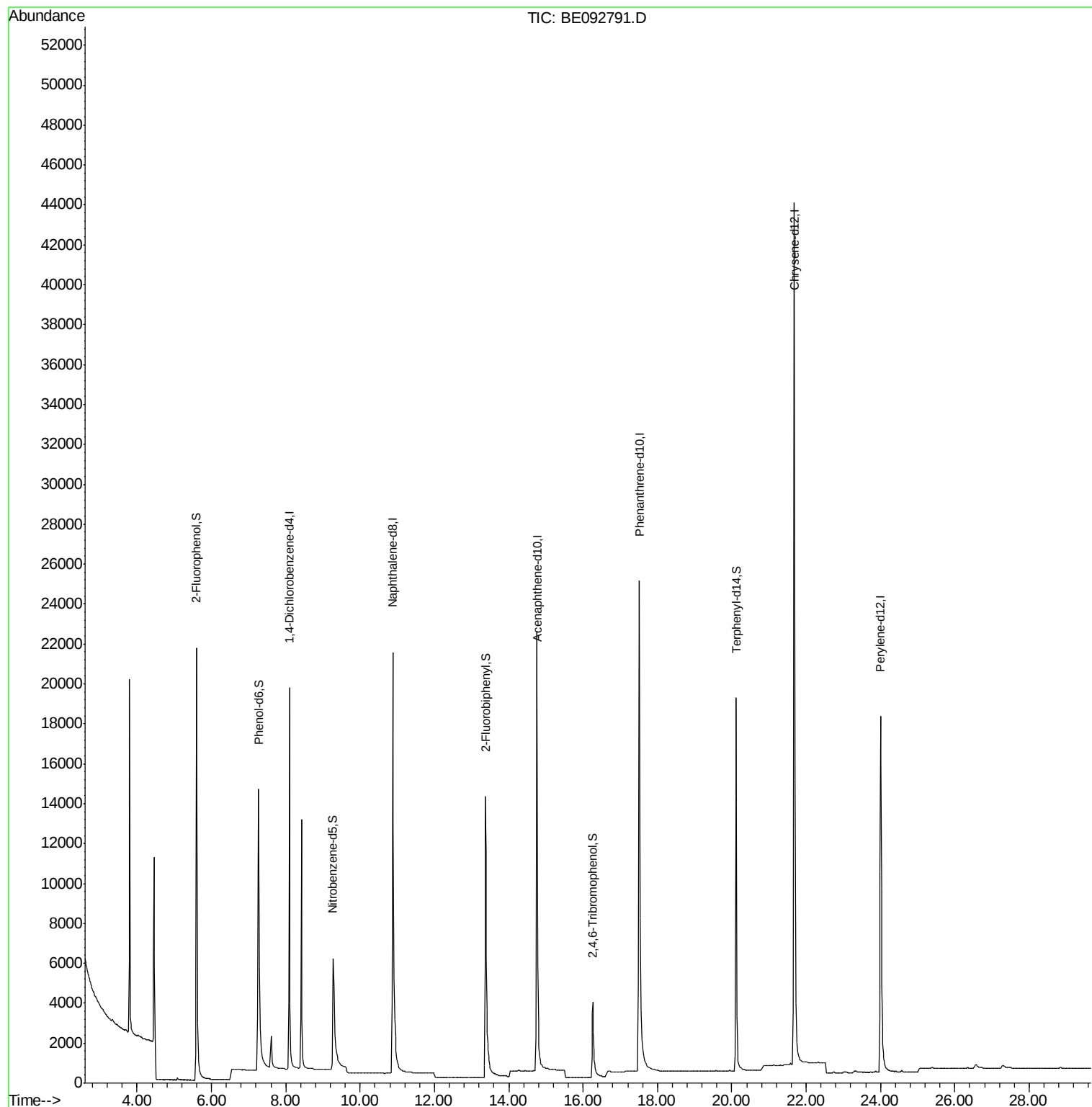
Target Compounds Qvalue

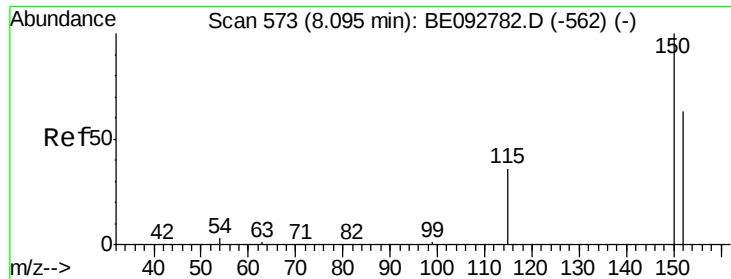
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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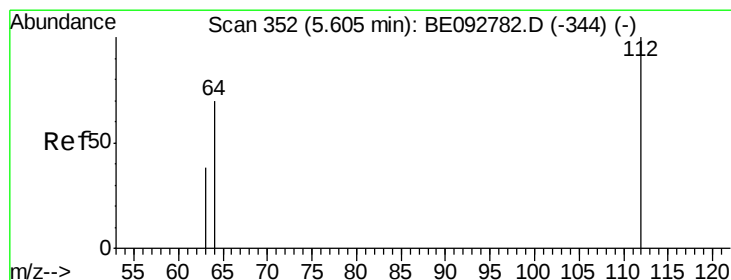
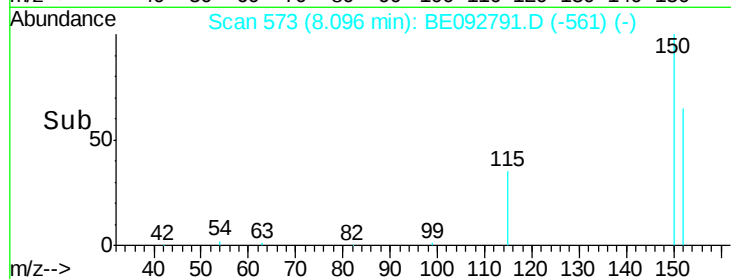
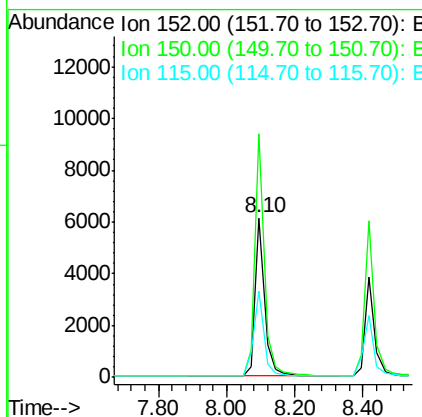
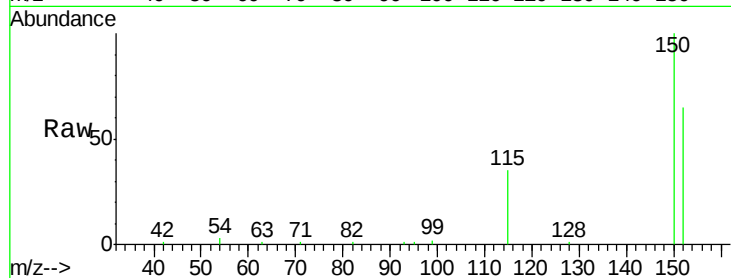


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.10 min Scan# 573
Delta R.T. -0.02 min
Lab File: BE092791.D
Acq: 6 Mar 2017 17:38

Instrument :
BNA_E
ClientSampleId :
PB97289BL

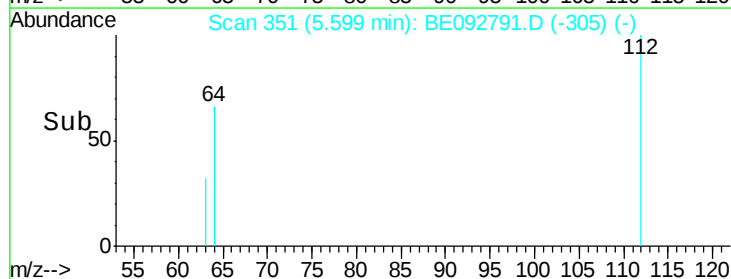
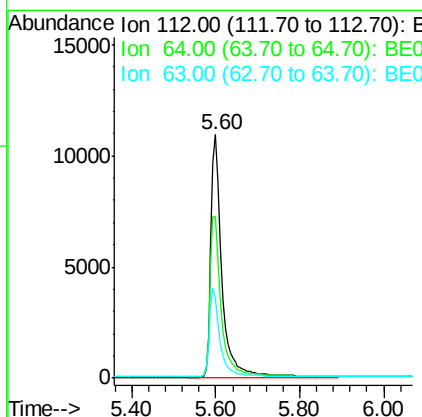
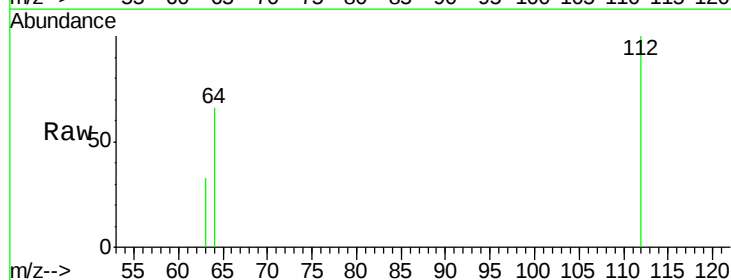
Tot Ion:152 Resp: 11453
Ion Ratio Lower Upper
152 100
150 152.9 106.0 159.0
115 53.9 31.2 46.8#

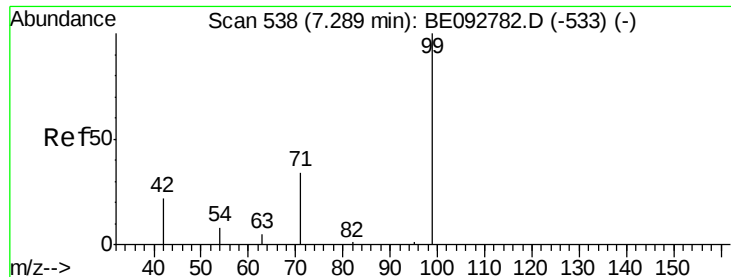


#4

2-Fluorophenol
Concen: 8.30 ng
RT: 5.60 min Scan# 351
Delta R.T. -0.03 min
Lab File: BE092791.D
Acq: 6 Mar 2017 17:38

Tgt Ion:112 Resp: 20115
Ion Ratio Lower Upper
112 100
64 68.4 53.5 80.3
63 36.3 27.9 41.9





#5

Phenol-d6

Concen: 7.87 ng

RT: 7.27 min Scan# 537

Delta R.T. -0.05 min

Lab File: BE092791.D

Acq: 6 Mar 2017 17:38

Instrument :

BNA_E

ClientSampleId :

PB97289BL

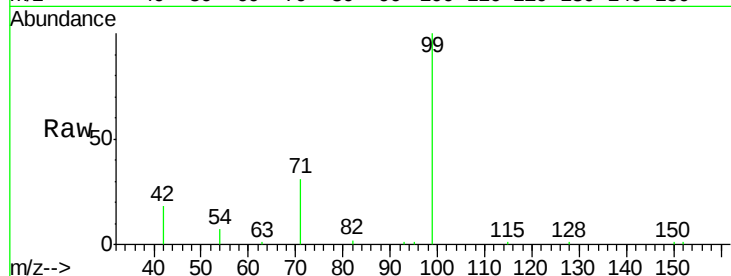
Tot Ion: 99 Resp: 22713

Ion Ratio Lower Upper

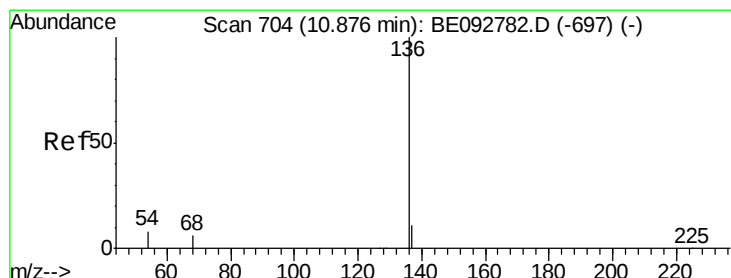
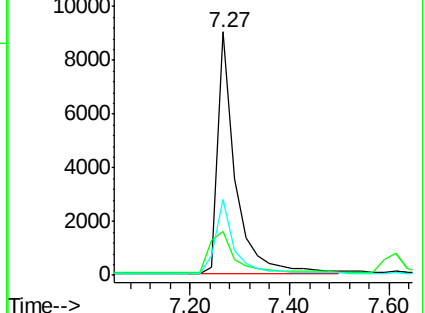
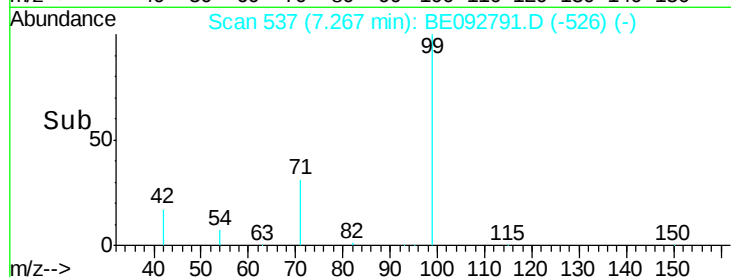
99 100

42 23.9 16.0 24.0

71 32.8 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: 10.87 min Scan# 704

Delta R.T. -0.02 min

Lab File: BE092791.D

Acq: 6 Mar 2017 17:38

Tgt Ion: 136 Resp: 44755

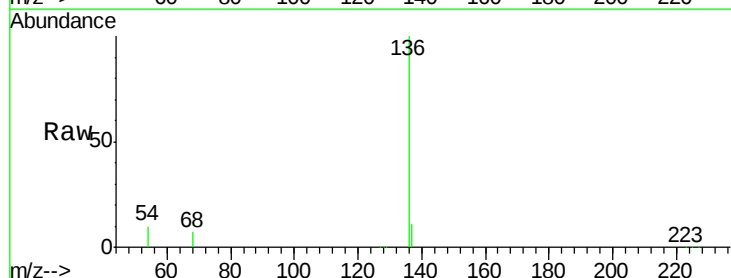
Ion Ratio Lower Upper

136 100

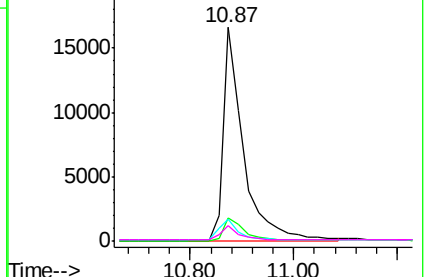
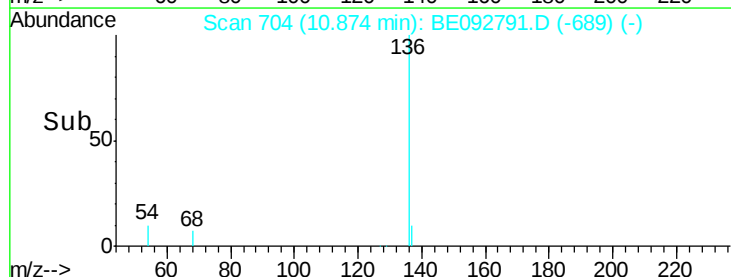
137 10.7 8.2 12.4

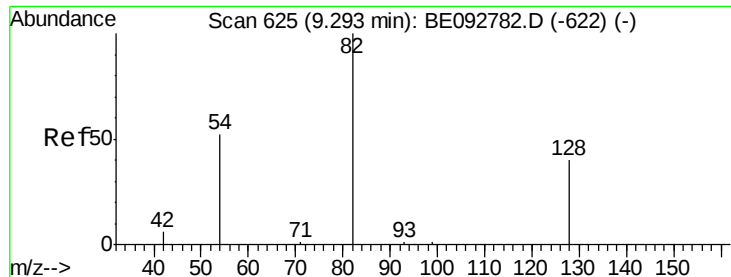
54 10.3 9.6 14.4

68 7.2 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: 3.90 ng

RT: 9.27 min Scan# 624

Delta R.T. -0.05 min

Lab File: BE092791.D

Acq: 6 Mar 2017 17:38

Instrument :

BNA_E

ClientSampleId :

PB97289BL

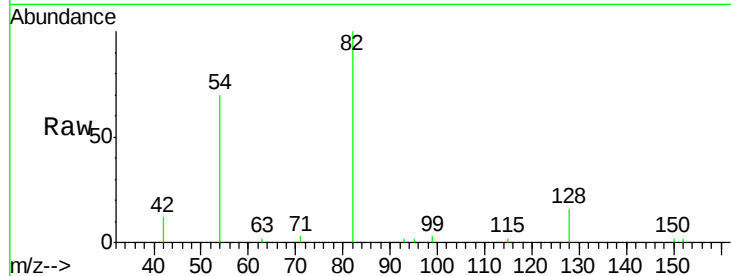
Tot Ion: 82 Resp: 10679

Ion Ratio Lower Upper

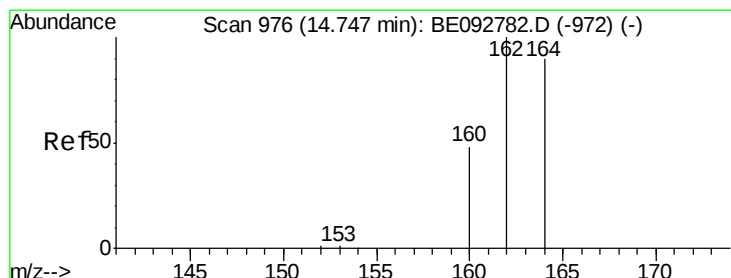
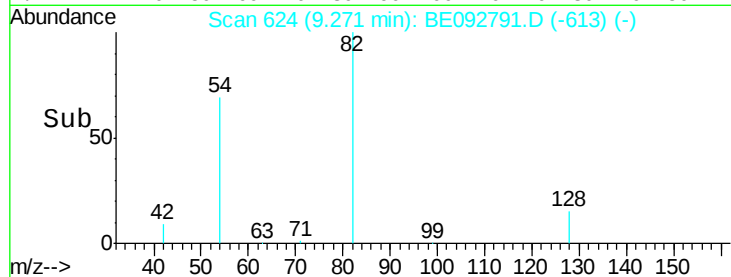
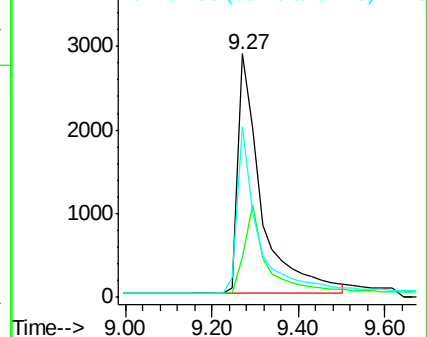
82 100

128 16.3 39.0 58.4#

54 70.0 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: BE092791.D

Acq: 6 Mar 2017 17:38

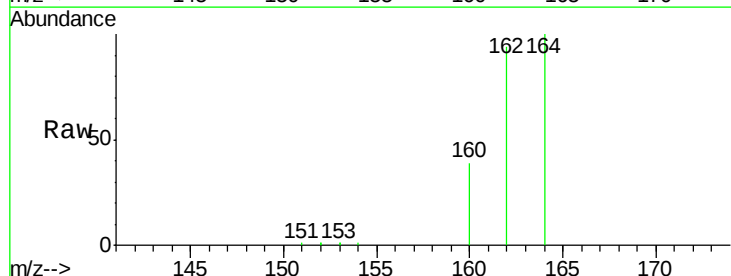
Tgt Ion: 164 Resp: 21775

Ion Ratio Lower Upper

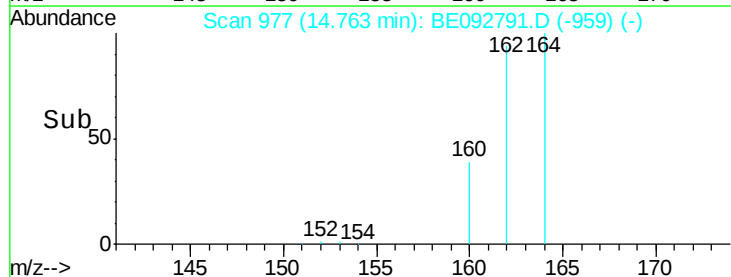
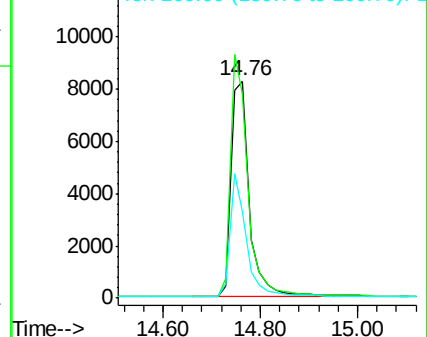
164 100

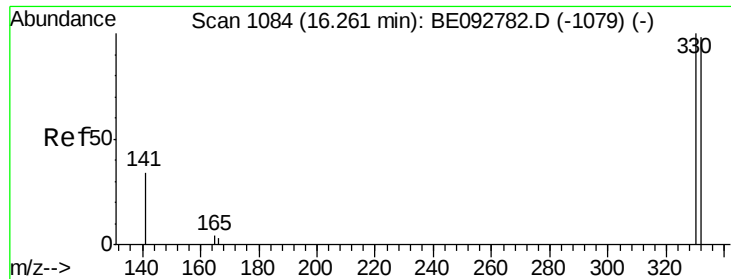
162 93.8 71.4 107.0

160 39.5 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

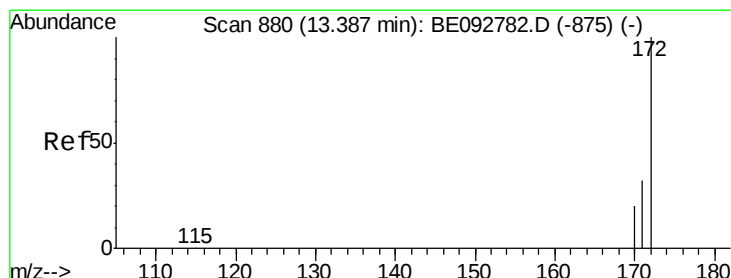
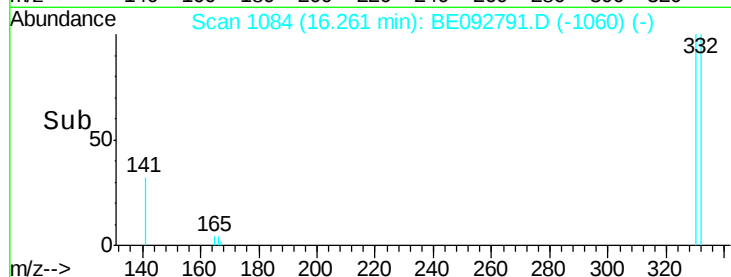
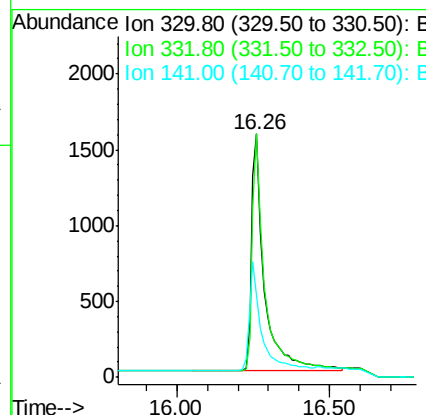
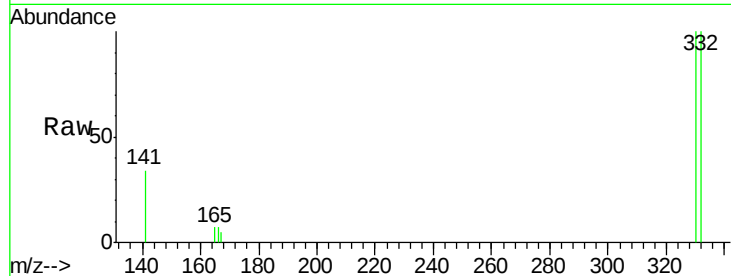




#13
 2,4,6-Tribromophenol
 Concen: 7.93 ng
 RT: 16.26 min Scan# 1084
 Delta R.T. -0.02 min
 Lab File: BE092791.D
 Acq: 6 Mar 2017 17:38

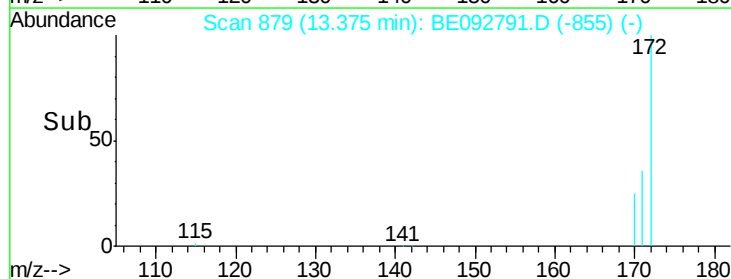
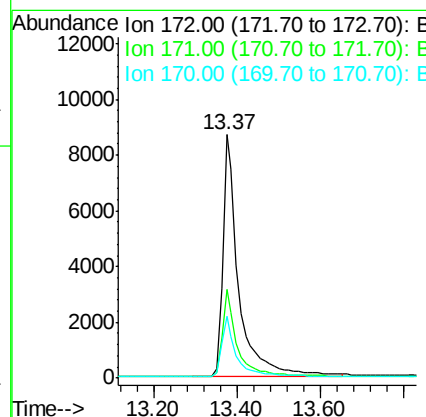
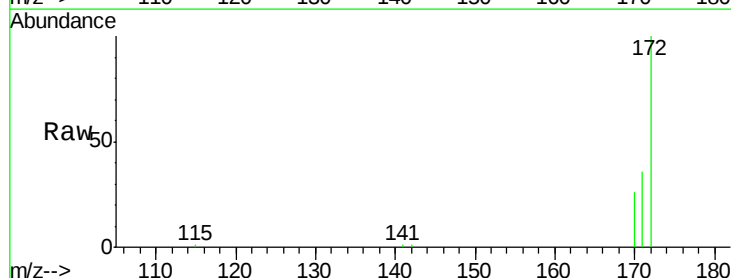
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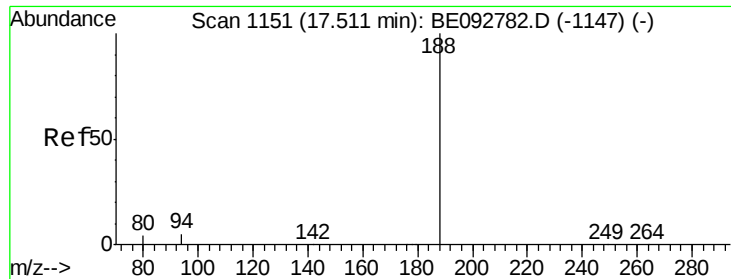
Tot Ion:330 Resp: 4543
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.4 113.0
 141 42.6 31.0 46.6



#14
 2-Fluorobiphenyl
 Concen: 4.57 ng
 RT: 13.37 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BE092791.D
 Acq: 6 Mar 2017 17:38

Tgt Ion:172 Resp: 23473
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.1 45.1
 170 25.6 21.8 32.6

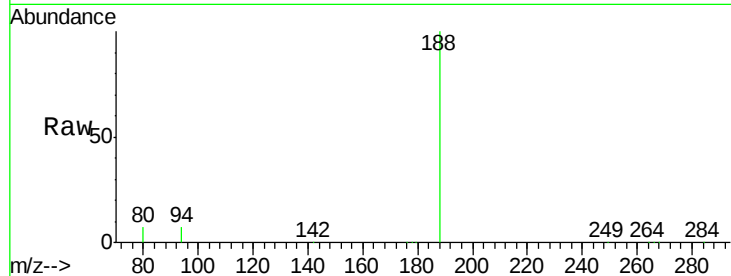




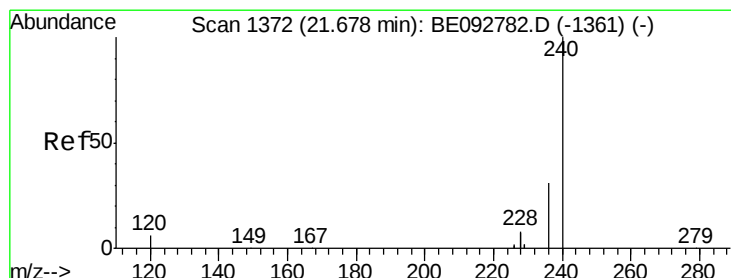
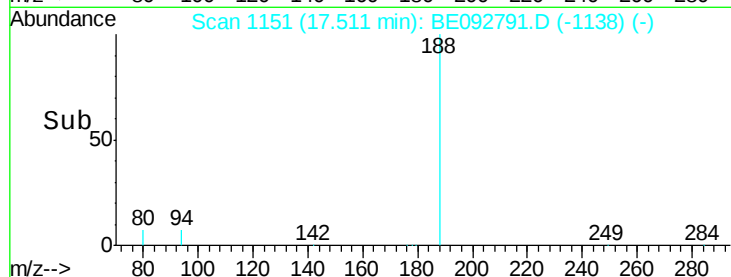
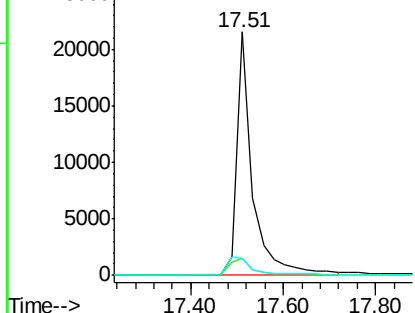
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.51 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BE092791.D
Acq: 6 Mar 2017 17:38

Instrument :
BNA_E
ClientSampleId :
PB97289BL

Tot Ion:188 Resp: 50762
Ion Ratio Lower Upper
188 100
94 7.3 3.2 4.8#
80 7.2 2.6 3.8#

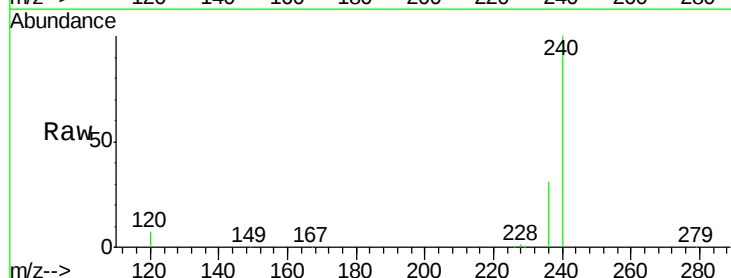


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

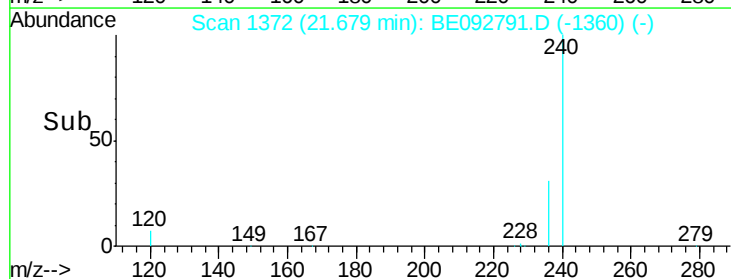
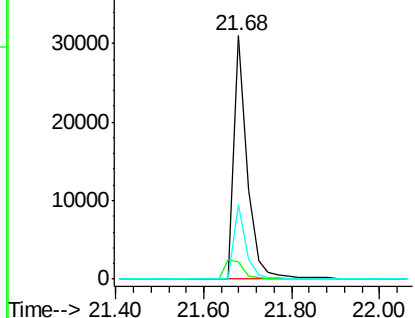


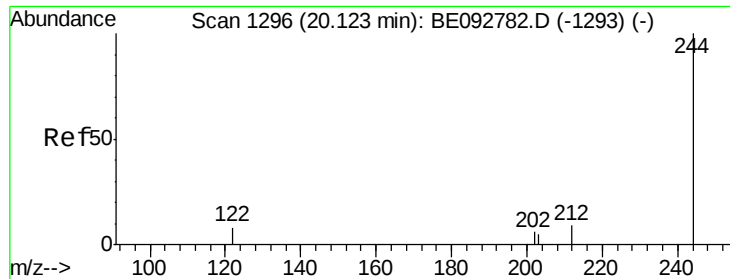
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.68 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BE092791.D
Acq: 6 Mar 2017 17:38

Tgt Ion:240 Resp: 63363
Ion Ratio Lower Upper
240 100
120 7.0 2.6 4.0#
236 30.8 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: 4.15 ng

RT: 20.12 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BE092791.D

Acq: 6 Mar 2017 17:38

Instrument :

BNA_E

ClientSampleId :

PB97289BL

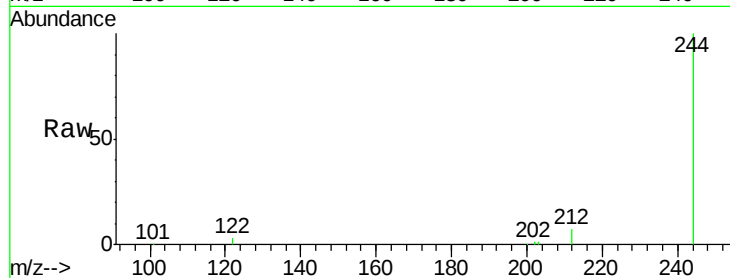
Tot Ion:244 Resp: 31728

Ion Ratio Lower Upper

244 100

212 7.5 6.7 10.1

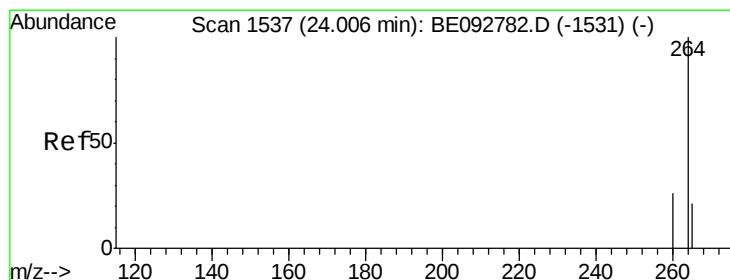
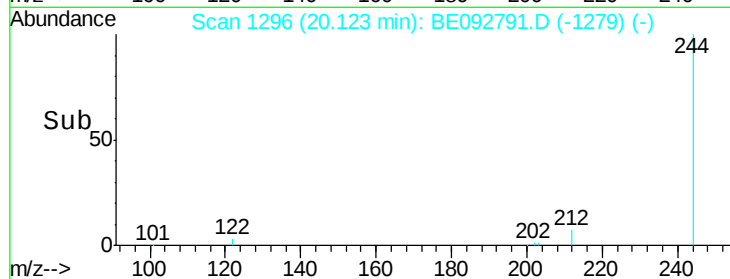
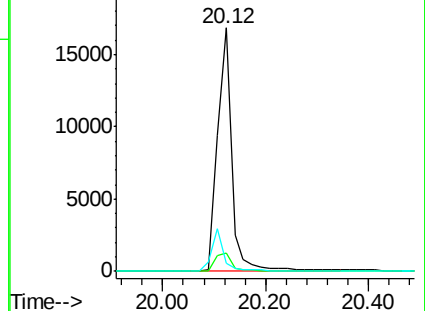
122 3.4 3.6 5.4#



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: 24.01 min Scan# 1537

Delta R.T. -0.02 min

Lab File: BE092791.D

Acq: 6 Mar 2017 17:38

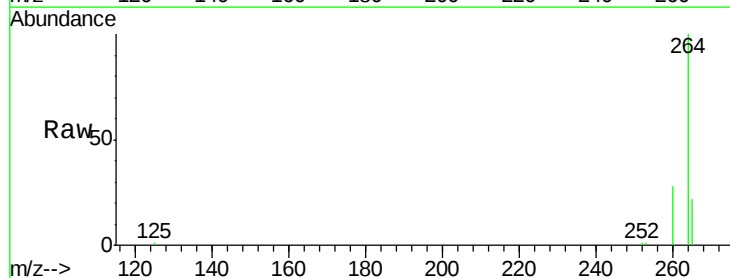
Tgt Ion:264 Resp: 31327

Ion Ratio Lower Upper

264 100

260 28.5 20.1 30.1

265 22.0 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

