

Data Path : Z:\HPCHEM1\BNA E\DATA\BE030617\
 Data File : BE092794.D
 Acq On : 6 Mar 2017 19:31
 Operator : SJ/MA
 Sample : PB97375BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB97375BL

Quant Time: Mar 07 02:33:29 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	11056	5.00	ng	-0.02
7) Naphthalene-d8	10.88	136	43088	5.00	ng	-0.02
12) Acenaphthene-d10	14.75	164	20225	5.00	ng	-0.02
18) Phenanthrene-d10	17.51	188	46588	5.00	ng	0.00
24) Chrysene-d12	21.68	240	49795	5.00	ng	-0.02
31) Perylene-d12	24.02	264	20141	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.60	112	21151	9.04	ng	-0.03
5) Phenol-d6	7.27	99	23410	8.40	ng	-0.04
8) Nitrobenzene-d5	9.27	82	11051	4.20	ng	-0.04
13) 2,4,6-Tribromophenol	16.26	330	4222	7.93	ng	-0.02
14) 2-Fluorobiphenyl	13.38	172	23977	5.03	ng	-0.02
26) Terphenyl-d14	20.12	244	31344	5.22	ng	-0.02

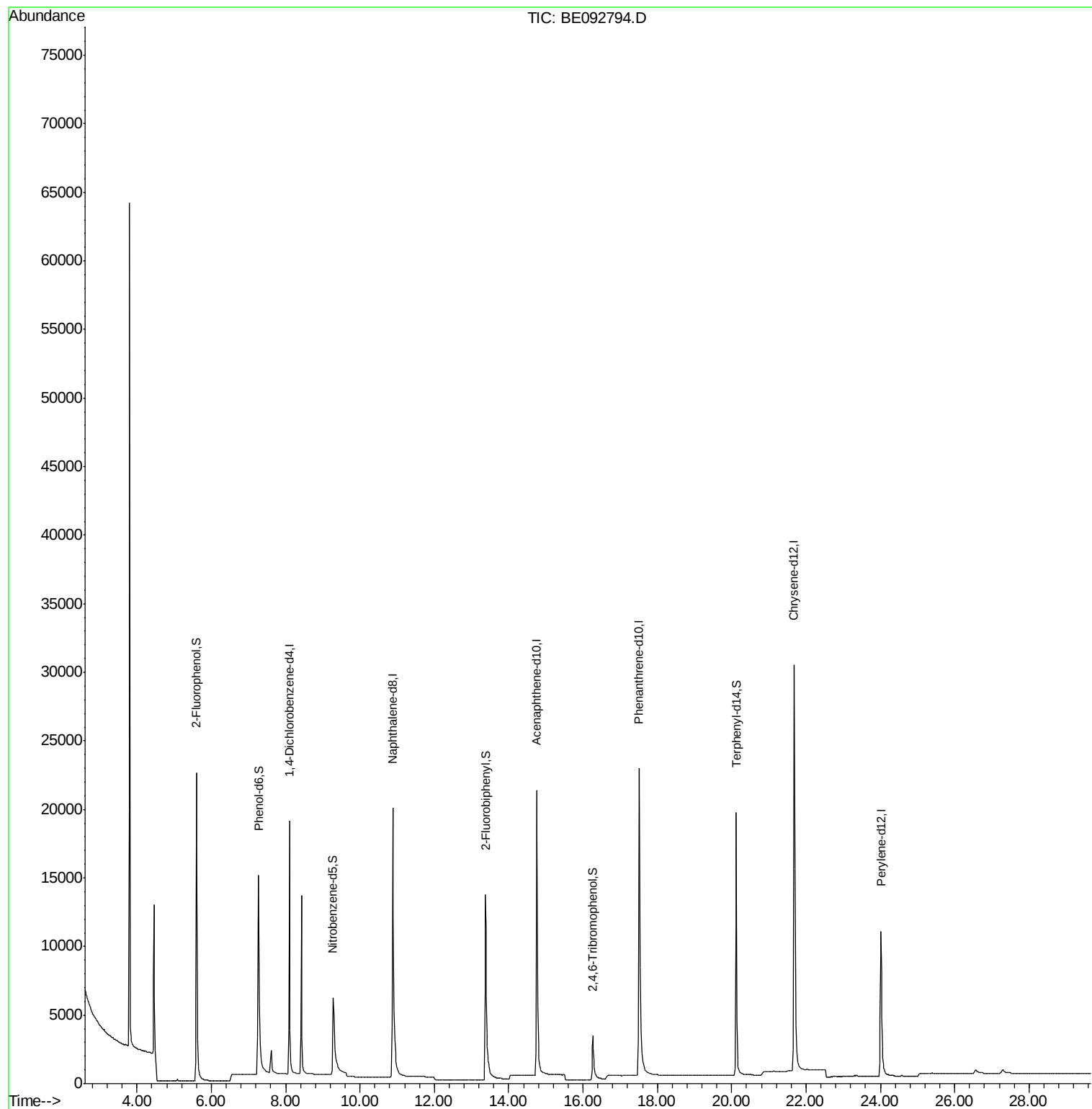
Target Compounds Qvalue

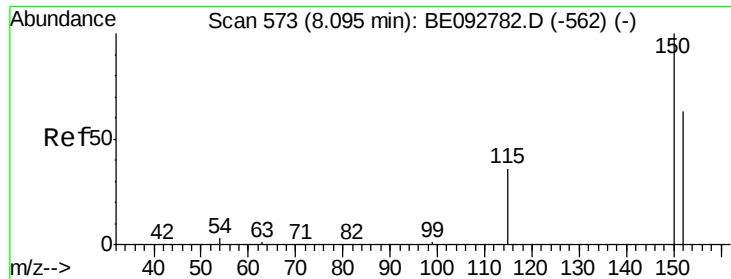
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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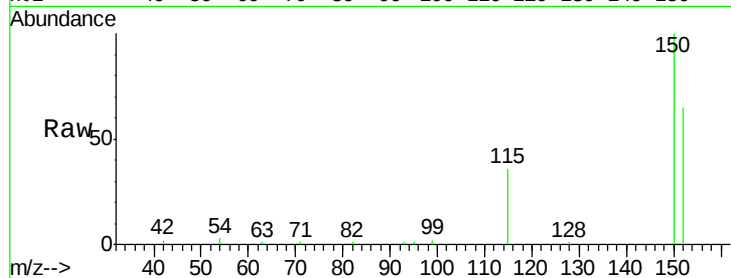


#1

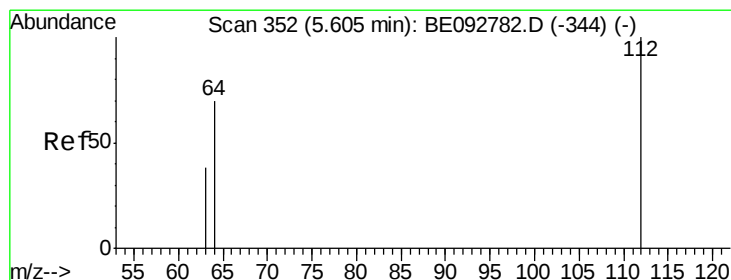
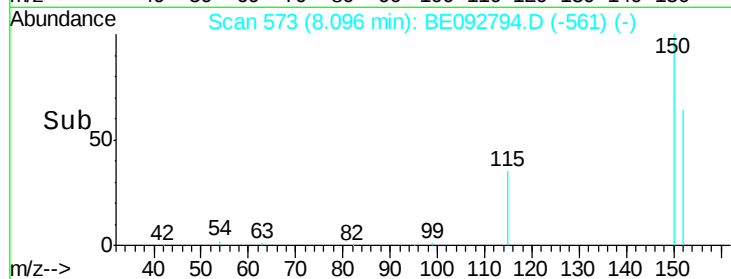
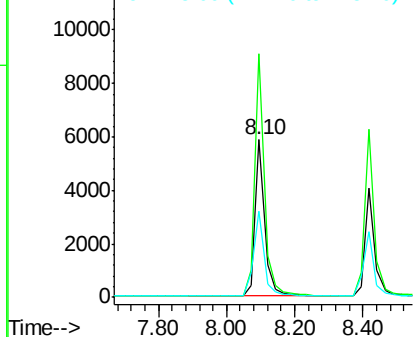
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.10 min Scan# 573
Delta R.T. -0.02 min
Lab File: BE092794.D
Acq: 6 Mar 2017 19:31

Instrument :
BNA_E
ClientSampleId :
PB97375BL

Tot Ion:152 Resp: 11056
Ion Ratio Lower Upper
152 100
150 154.6 106.0 159.0
115 55.0 31.2 46.8#



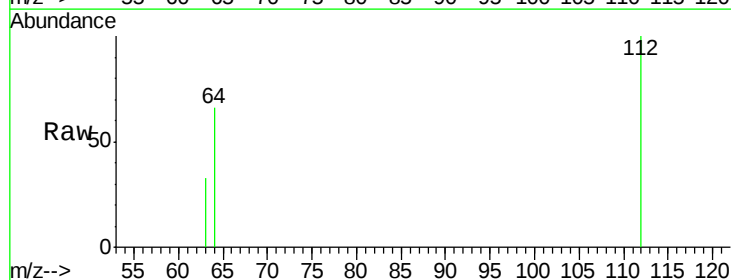
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



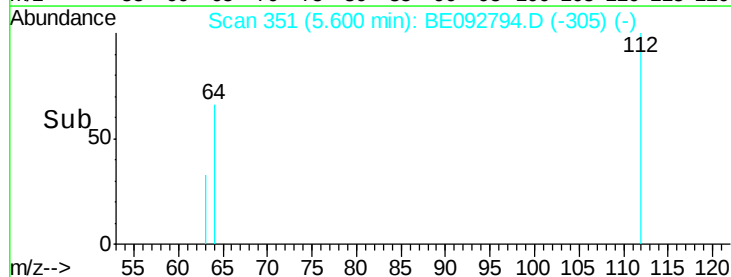
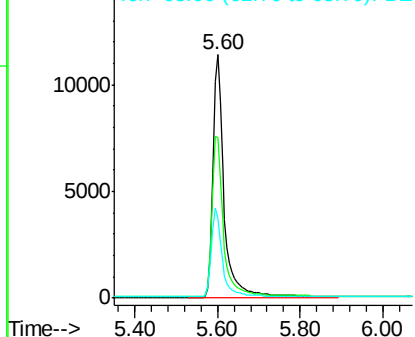
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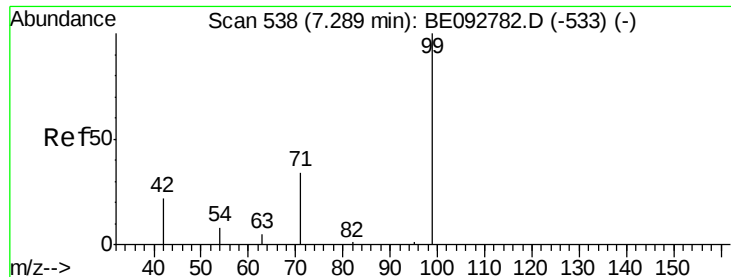
2-Fluorophenol
Concen: 9.04 ng
RT: 5.60 min Scan# 351
Delta R.T. -0.03 min
Lab File: BE092794.D
Acq: 6 Mar 2017 19:31

Tgt Ion:112 Resp: 21151
Ion Ratio Lower Upper
112 100
64 68.5 53.5 80.3
63 36.2 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: 8.40 ng

RT: 7.27 min Scan# 537

Delta R.T. -0.04 min

Lab File: BE092794.D

Acq: 6 Mar 2017 19:31

Instrument :

BNA_E

ClientSampleId :

PB97375BL

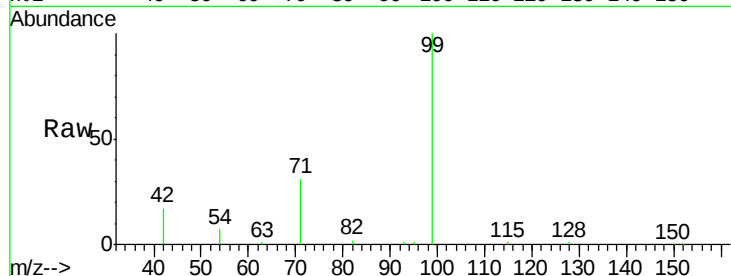
Tot Ion: 99 Resp: 23410

Ion Ratio Lower Upper

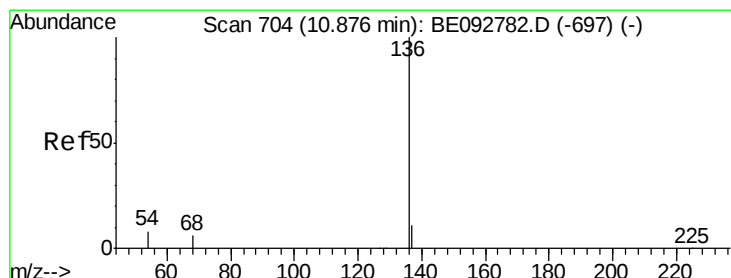
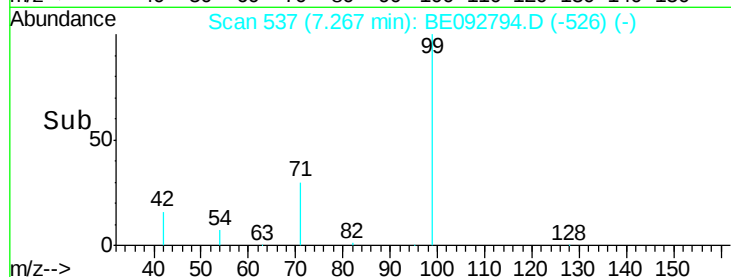
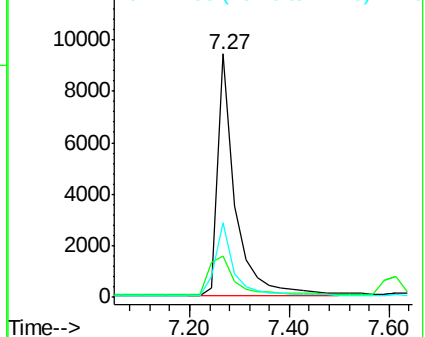
99 100

42 23.8 16.0 24.0

71 33.0 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: 10.88 min Scan# 704

Delta R.T. -0.02 min

Lab File: BE092794.D

Acq: 6 Mar 2017 19:31

Tgt Ion: 136 Resp: 43088

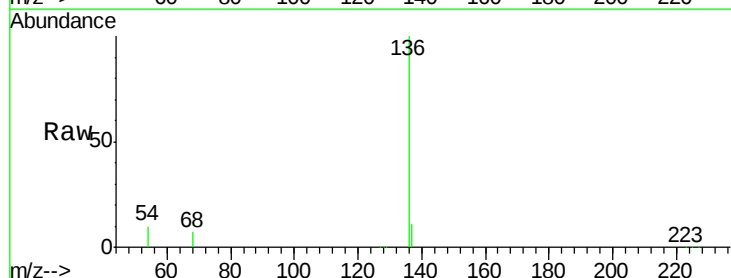
Ion Ratio Lower Upper

136 100

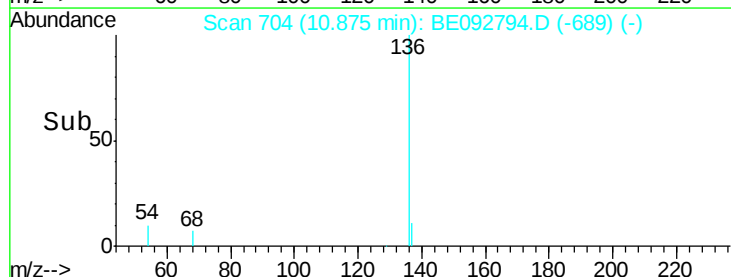
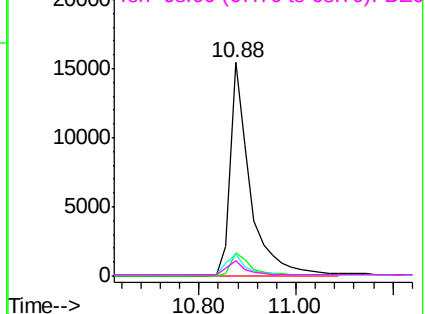
137 10.8 8.2 12.4

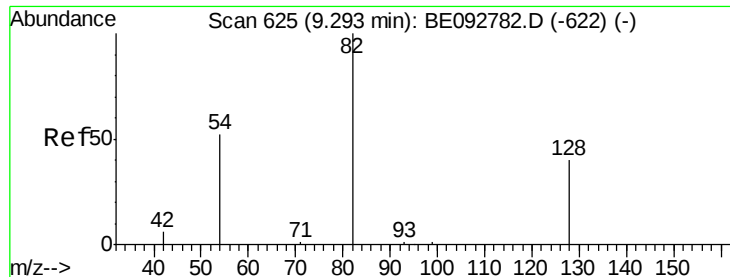
54 10.4 9.6 14.4

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

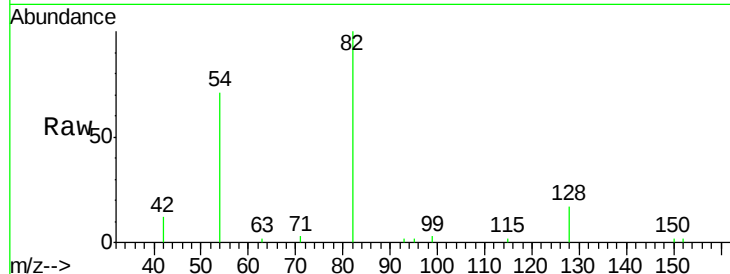




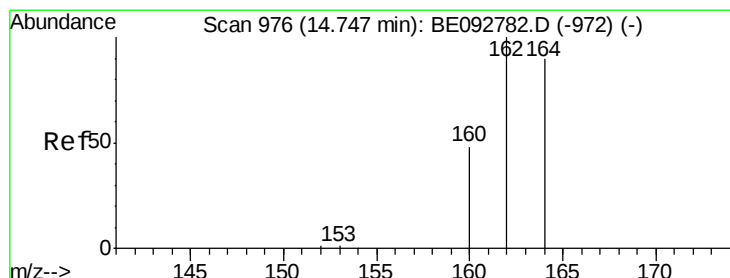
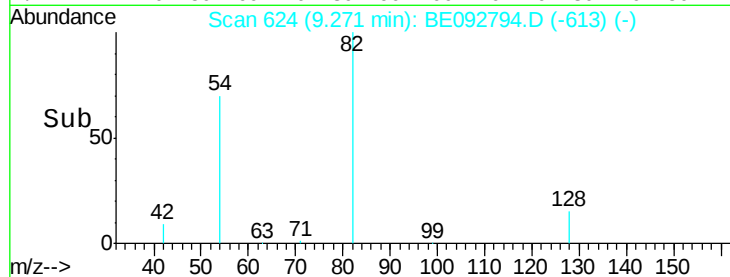
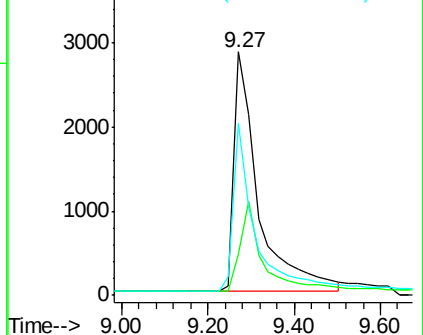
#8
 Nitrobenzene-d5
 Concen: 4.20 ng
 RT: 9.27 min Scan# 624
 Delta R.T. -0.04 min
 Lab File: BE092794.D
 Acq: 6 Mar 2017 19:31

Instrument :
 BNA_E
 ClientSampleId :
 PB97375BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	16.9	39.0	58.4#
54	70.6	44.8	67.2#

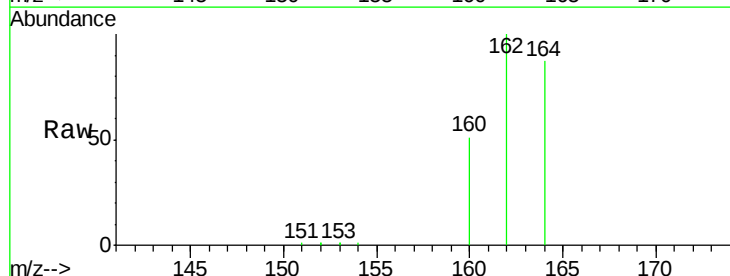


Abundance Ion 82.00 (81.70 to 82.70): BE0
 Ion 128.00 (127.70 to 128.70): BE0
 Ion 54.00 (53.70 to 54.70): BE0

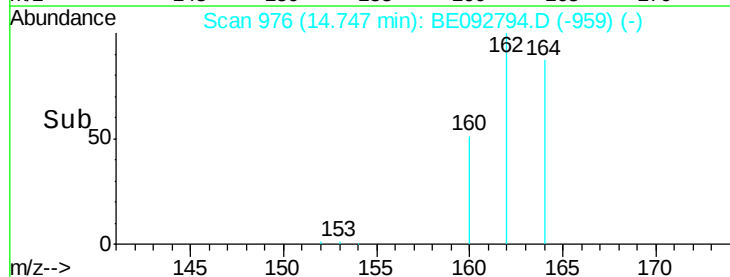
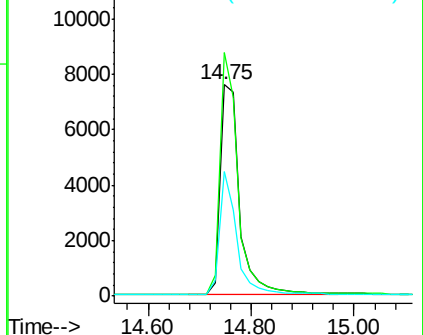


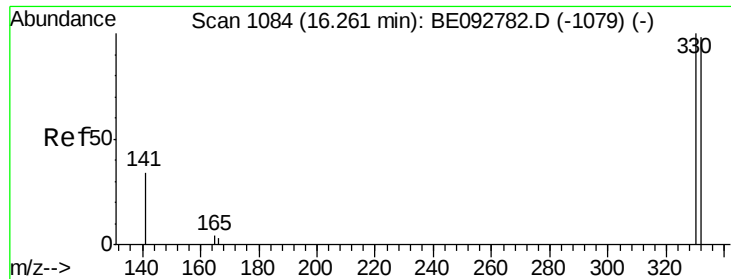
#12
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.75 min Scan# 976
 Delta R.T. -0.02 min
 Lab File: BE092794.D
 Acq: 6 Mar 2017 19:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	115.3	71.4	107.0#
160	58.7	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

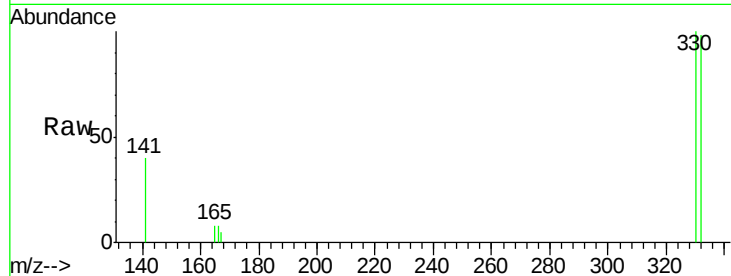




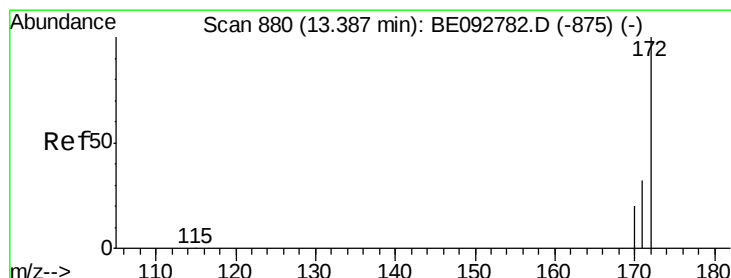
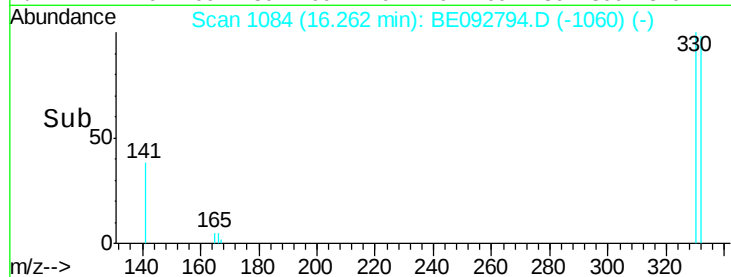
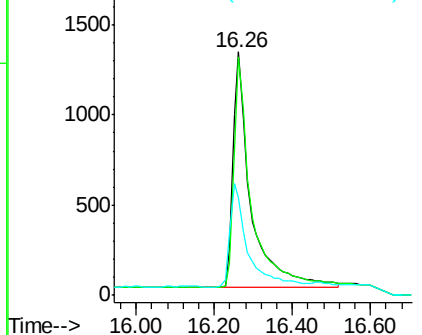
#13
 2,4,6-Tribromophenol
 Concen: 7.93 ng
 RT: 16.26 min Scan# 1084
 Delta R.T. -0.02 min
 Lab File: BE092794.D
 Acq: 6 Mar 2017 19:31

Instrument :
 BNA_E
 ClientSampleId :
 PB97375BL

Tot Ion:330 Resp: 4222
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.4 113.0
 141 43.3 31.0 46.6

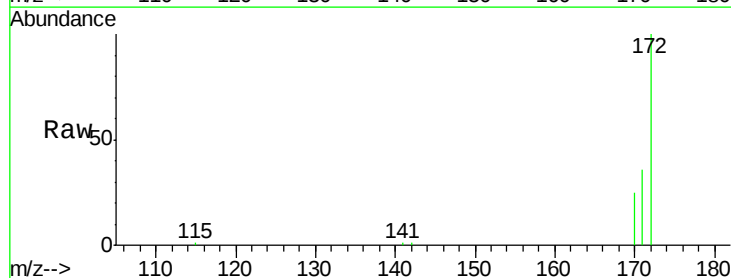


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

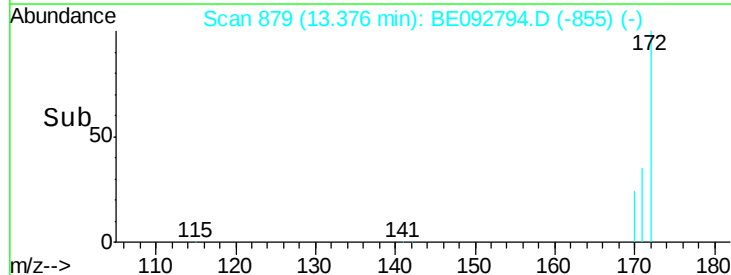
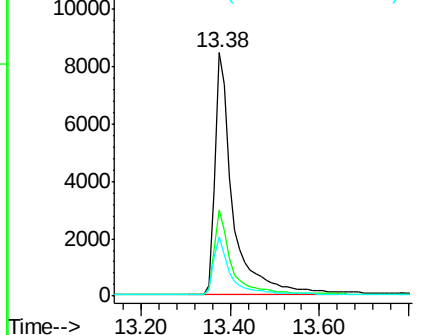


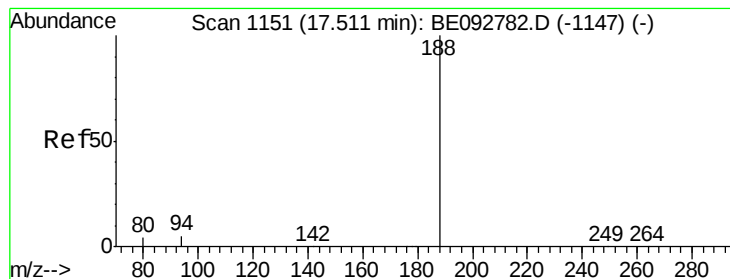
#14
 2-Fluorobiphenyl
 Concen: 5.03 ng
 RT: 13.38 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BE092794.D
 Acq: 6 Mar 2017 19:31

Tgt Ion:172 Resp: 23977
 Ion Ratio Lower Upper
 172 100
 171 35.6 30.1 45.1
 170 24.5 21.8 32.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.51 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE092794.D

Acq: 6 Mar 2017 19:31

Instrument :

BNA_E

ClientSampleId :

PB97375BL

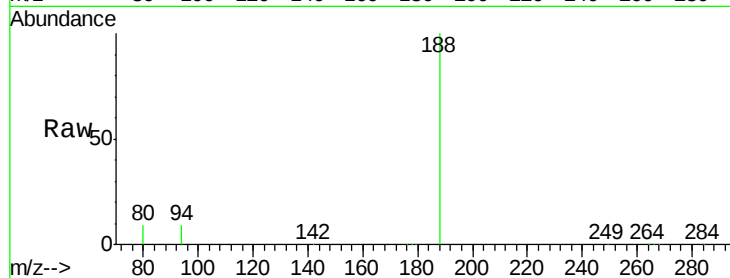
Tot Ion:188 Resp: 46588

Ion Ratio Lower Upper

188 100

94 8.7 3.2 4.8#

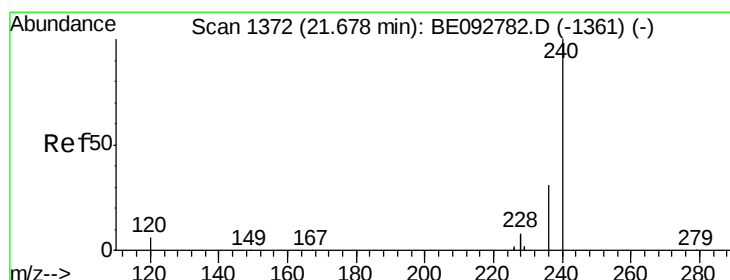
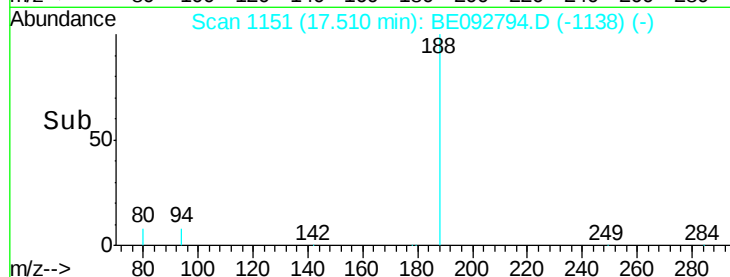
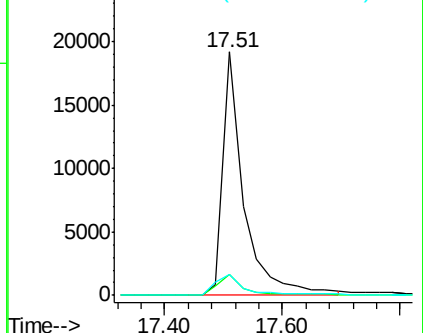
80 8.6 2.6 3.8#



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: BE092794.D

Acq: 6 Mar 2017 19:31

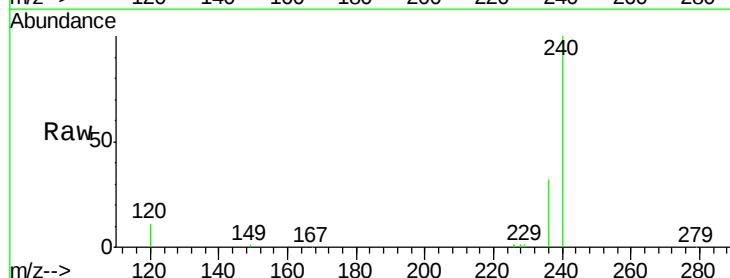
Tgt Ion:240 Resp: 49795

Ion Ratio Lower Upper

240 100

120 10.8 2.6 4.0#

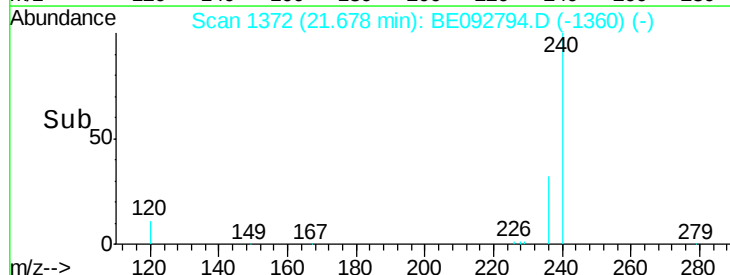
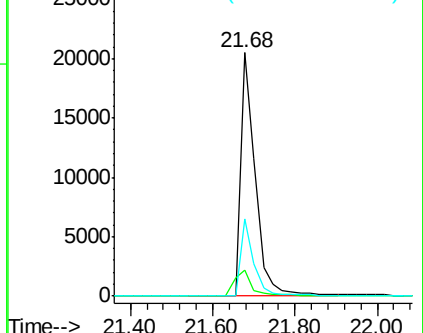
236 31.8 24.6 37.0

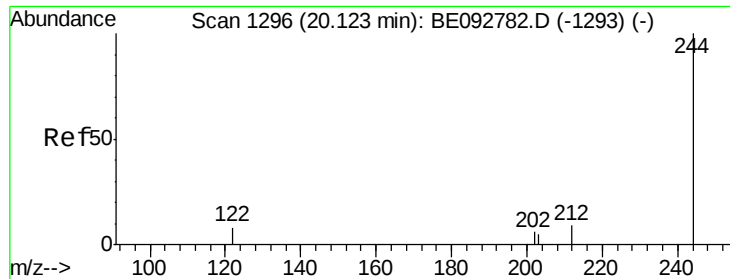


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

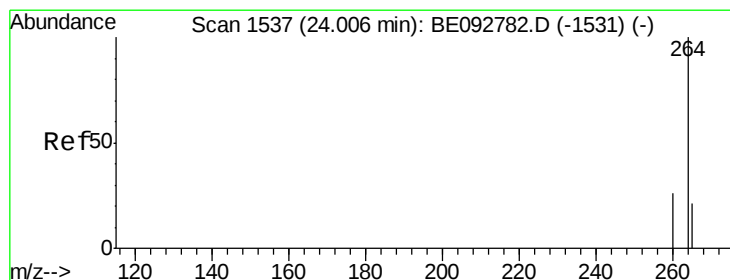
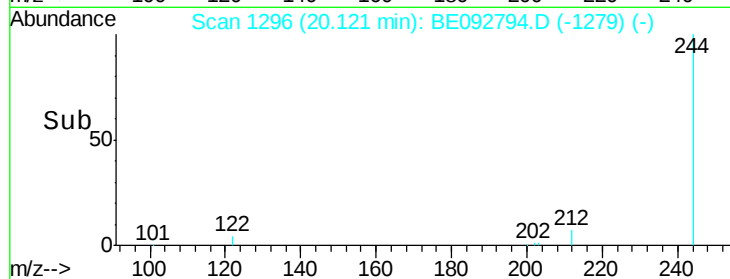
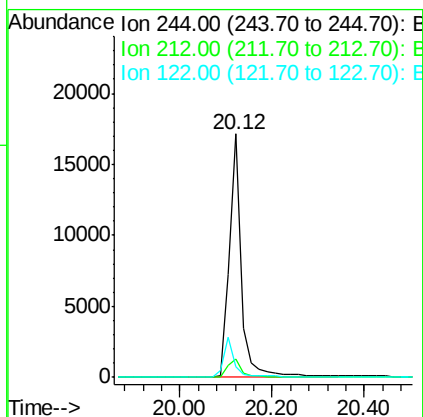
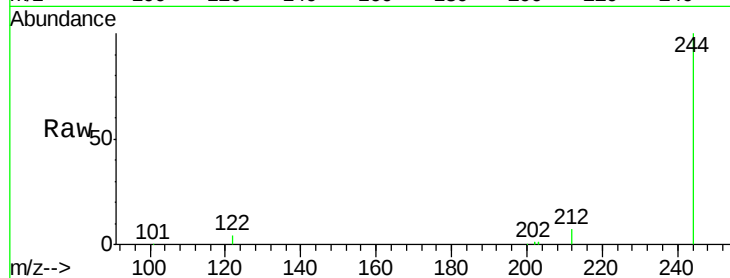




#26
 Terphenyl-d14
 Concen: 5.22 ng
 RT: 20.12 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BE092794.D
 Acq: 6 Mar 2017 19:31

Instrument :
 BNA_E
 ClientSampleId :
 PB97375BL

Tot Ion:244 Resp: 31344
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.7 10.1
 122 4.4 3.6 5.4



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.02 min Scan# 1538
 Delta R.T. -0.01 min
 Lab File: BE092794.D
 Acq: 6 Mar 2017 19:31

Tgt Ion:264 Resp: 20141
 Ion Ratio Lower Upper
 264 100
 260 28.4 20.1 30.1
 265 23.7 17.9 26.9

