

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070716\
 Data File : BE091988.D
 Acq On : 7 Jul 2016 19:41
 Operator : UM/SJ
 Sample : PB91509BL
 Misc : 4X internal std added
 ALS Vial : 6 Sample Multiplier: 4

Instrument :
 BNA_E
 ClientSampleId :
 PB91509BL

Quant Time: Jul 08 16:30:59 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 16:14:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	90822	20.00	ng	0.00
8) Naphthalene-d8	10.99	136	396037	20.00	ng	0.00
15) Acenaphthene-d10	14.86	164	258054	20.00	ng	0.00
24) Phenanthrene-d10	17.59	188	511692	20.00	ng	0.00
31) Chrysene-d12	21.76	240	770905	20.00	ng	0.00
40) Perylene-d12	24.17	264	658666	20.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	730006	134.40	ng	0.00
5) Phenol-d6	7.35	99	986299	130.69	ng	-0.02
9) Nitrobenzene-d5	9.37	82	609778	90.42	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	245727	105.01	ng	0.00
17) 2-Fluorobiphenyl	13.48	172	1140804	72.49	ng	0.00
34) Terphenyl-d14	20.22	244	1642311	72.25	ng	0.00

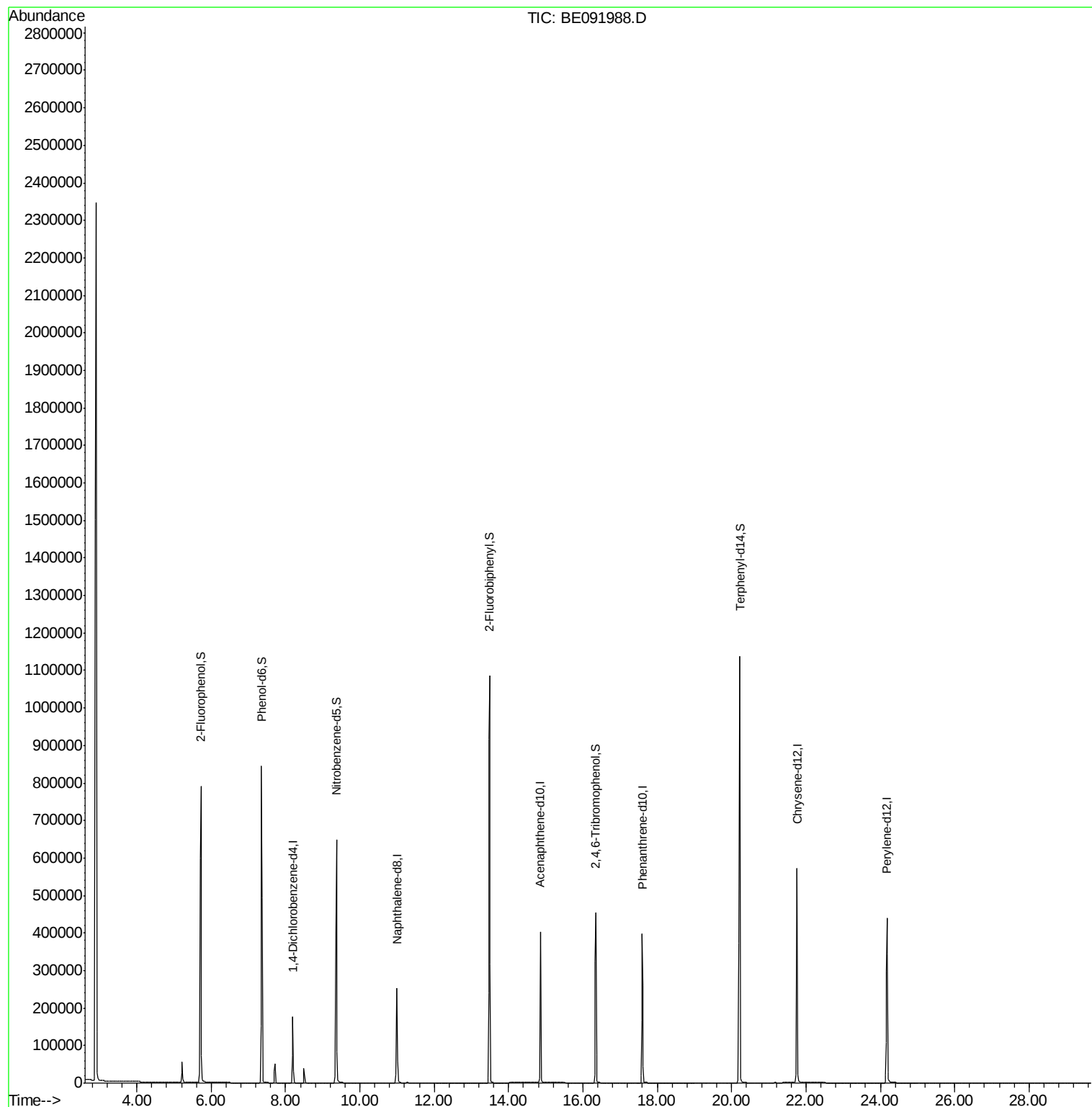
Target Compounds Qvalue

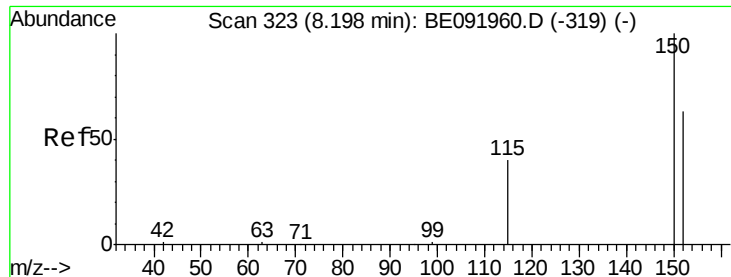
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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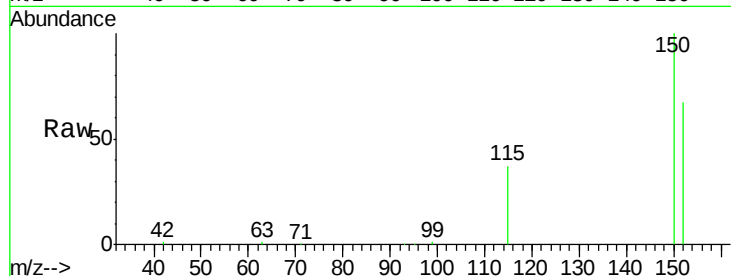


#1

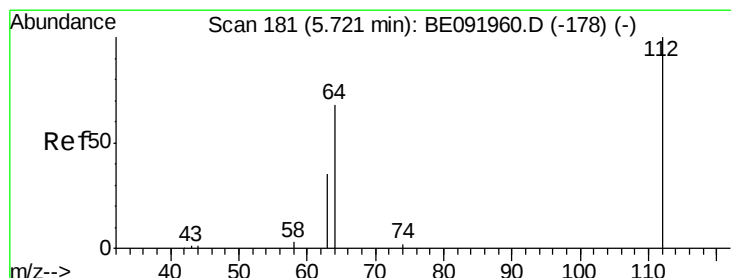
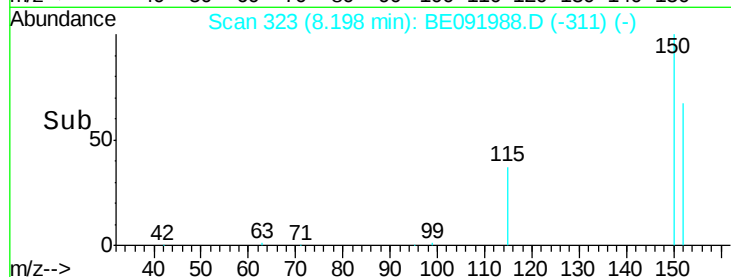
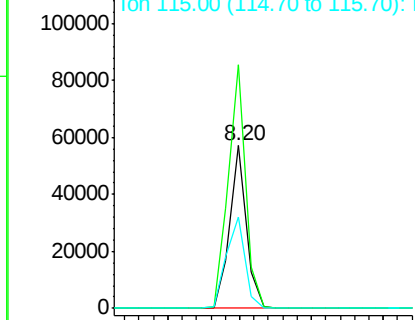
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 323
Delta R.T. 0.00 min
Lab File: BE091988.D
Acq: 7 Jul 2016 19:41

Instrument :
BNA_E
ClientSampled :
PB91509BL

Tot Ion:152 Resp: 90822
Ion Ratio Lower Upper
152 100
150 149.9 123.9 185.9
115 55.8 48.3 72.5



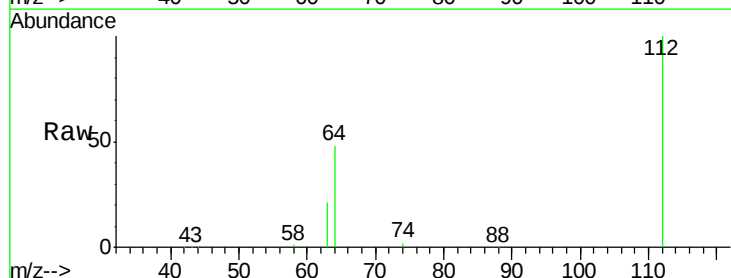
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



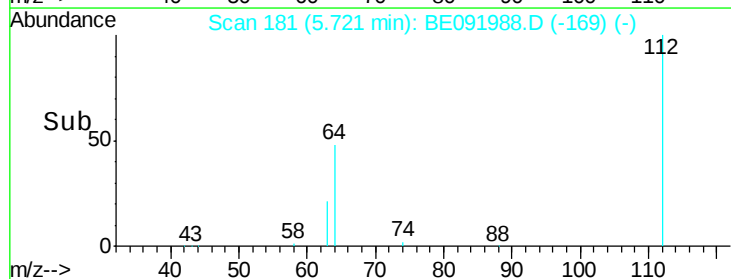
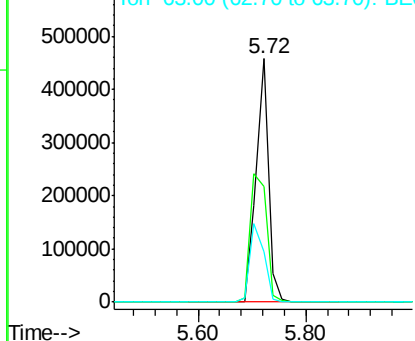
#4

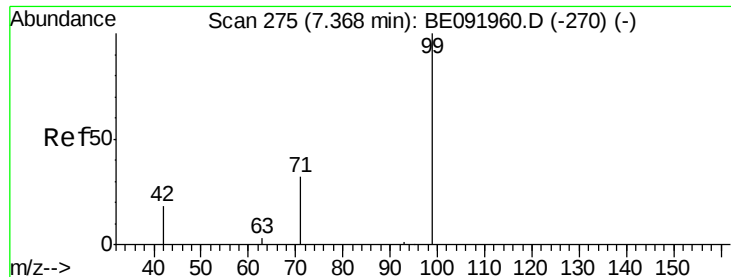
2-Fluorophenol
Concen: 134.40 ng
RT: 5.72 min Scan# 181
Delta R.T. 0.00 min
Lab File: BE091988.D
Acq: 7 Jul 2016 19:41

Tgt Ion:112 Resp: 730006
Ion Ratio Lower Upper
112 100
64 69.1 53.7 80.5
63 36.9 29.5 44.3



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: 130.69 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE091988.D

Acq: 7 Jul 2016 19:41

Instrument :

BNA_E

ClientSampleId :

PB91509BL

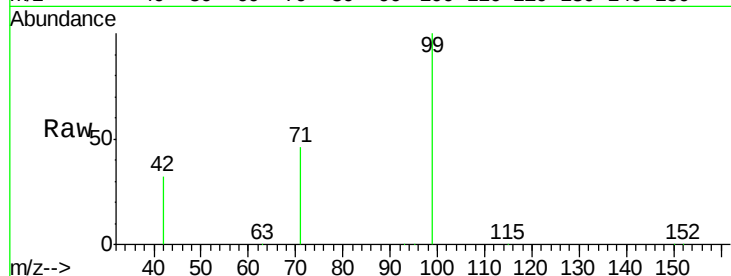
Tot Ion: 99 Resp: 986299

Ion Ratio Lower Upper

99 100

42 24.7 19.6 29.4

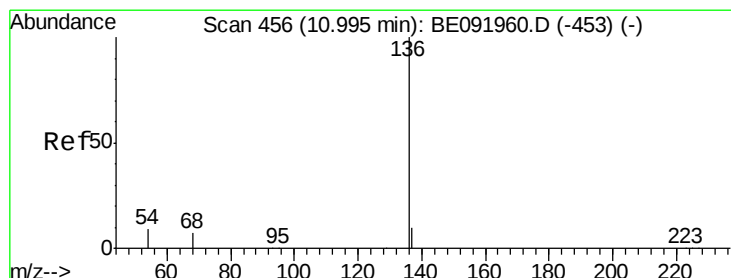
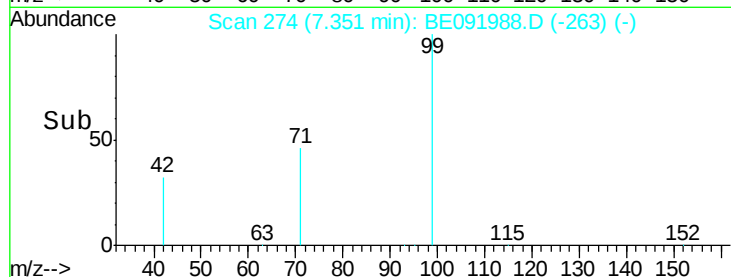
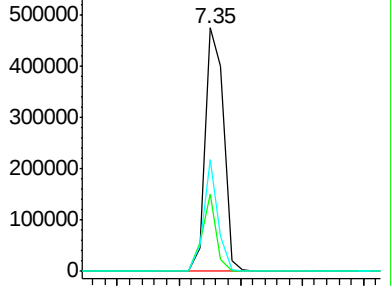
71 35.9 28.1 42.1



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



#8

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 456

Delta R.T. -0.00 min

Lab File: BE091988.D

Acq: 7 Jul 2016 19:41

Tgt Ion: 136 Resp: 396037

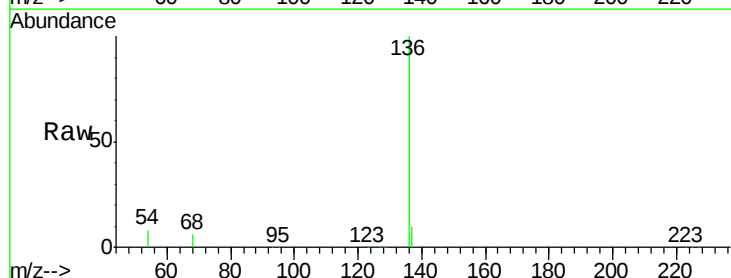
Ion Ratio Lower Upper

136 100

137 10.3 8.3 12.5

54 7.7 8.2 12.4#

68 5.9 5.9 8.9#

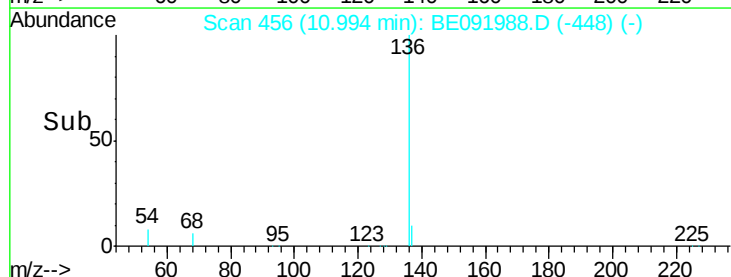
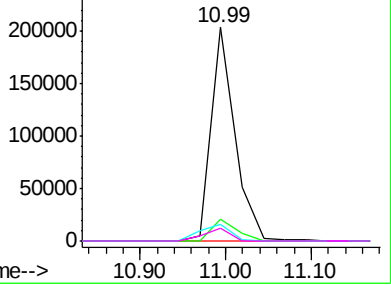


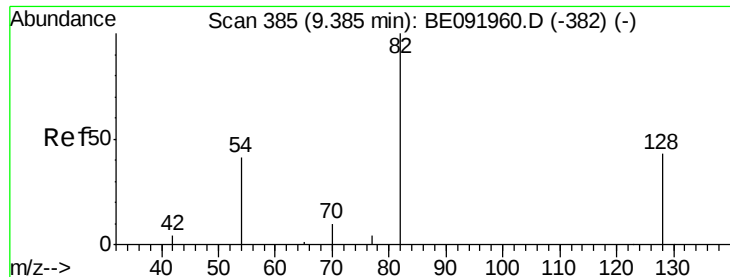
Abundance Ion 136.00 (135.70 to 136.70): E

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





#9

Nitrobenzene-d5

Concen: 90.42 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE091988.D

Acq: 7 Jul 2016 19:41

Instrument :

BNA_E

ClientSampleId :

PB91509BL

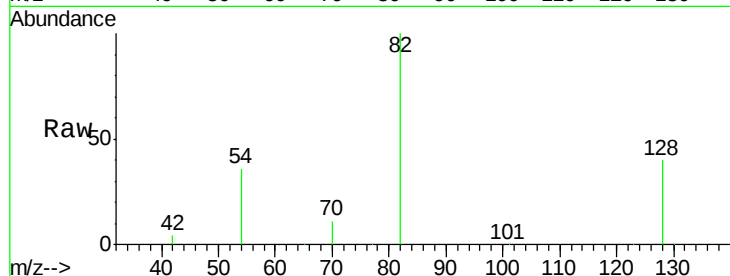
Tot Ion: 82 Resp: 609778

Ion Ratio Lower Upper

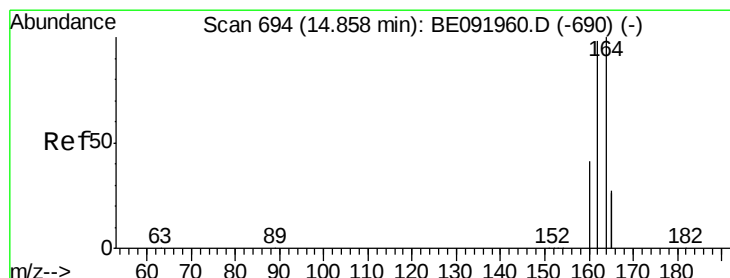
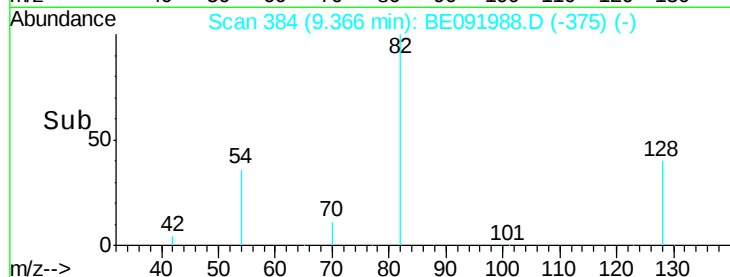
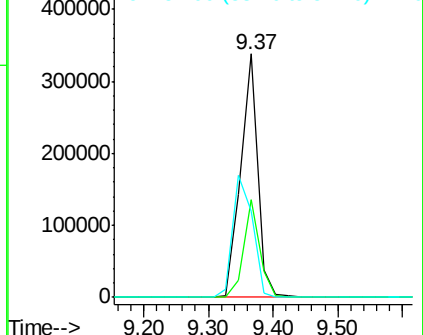
82 100

128 40.2 39.5 59.3

54 35.5 30.3 45.5



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



#15

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.00 min

Lab File: BE091988.D

Acq: 7 Jul 2016 19:41

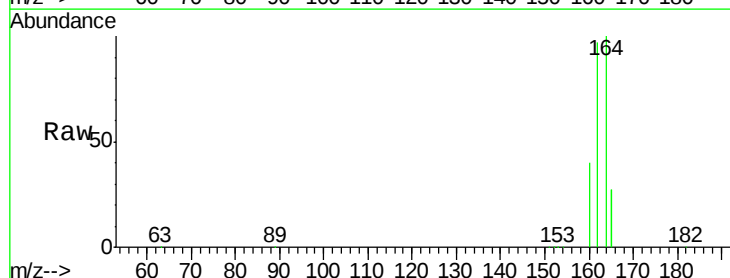
Tgt Ion: 164 Resp: 258054

Ion Ratio Lower Upper

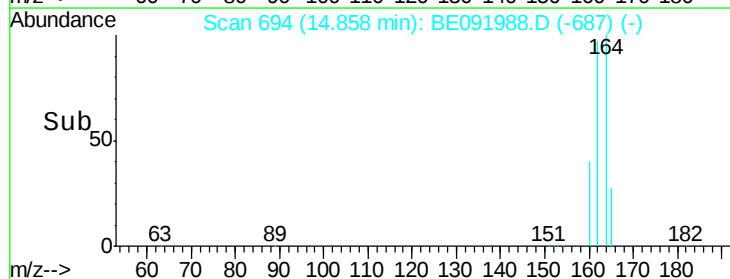
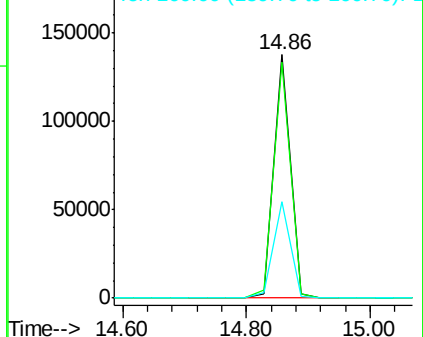
164 100

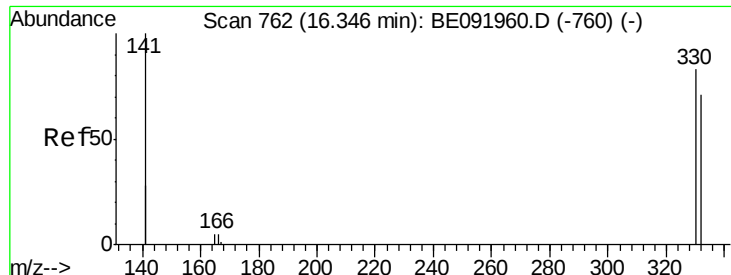
162 96.8 71.8 107.8

160 39.8 28.0 42.0



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

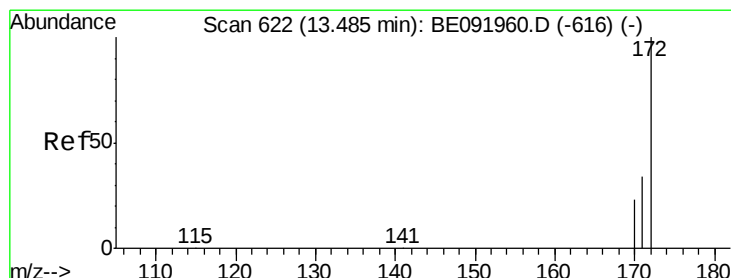
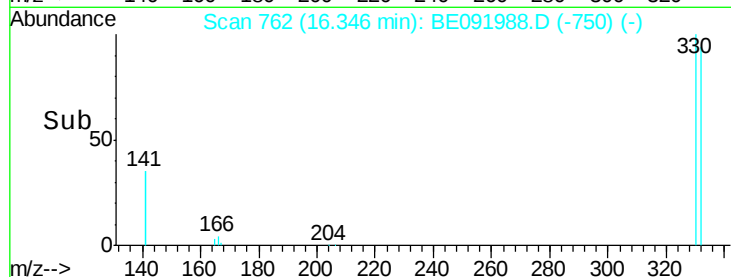
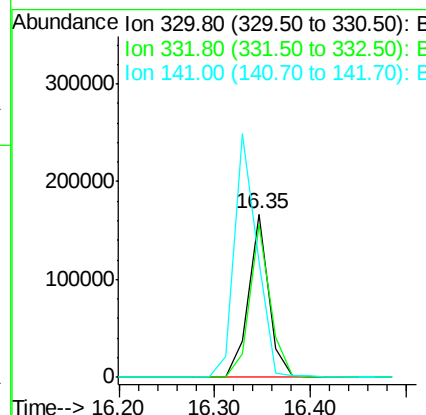
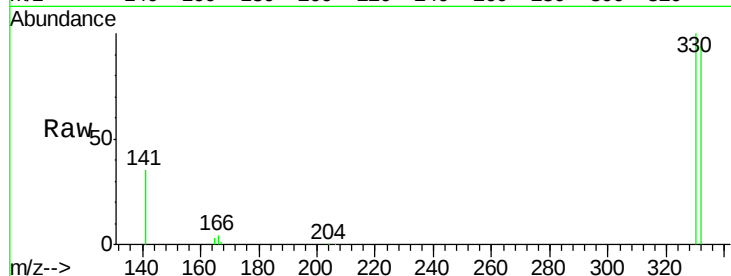




#16
 2,4,6-Tribromophenol
 Concen: 105.01 ng
 RT: 16.35 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE091988.D
 Acq: 7 Jul 2016 19:41

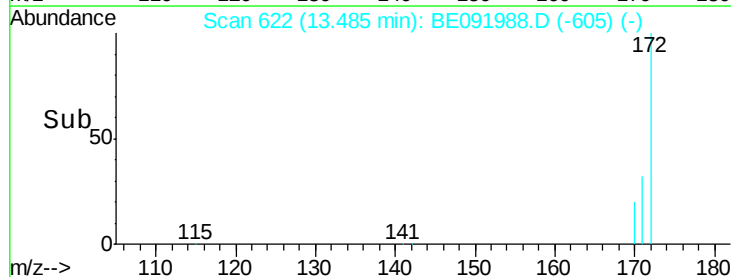
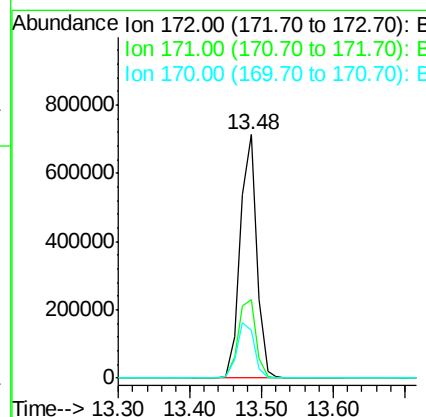
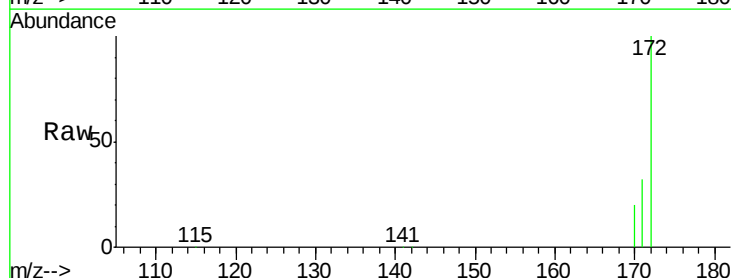
Instrument :
 BNA_E
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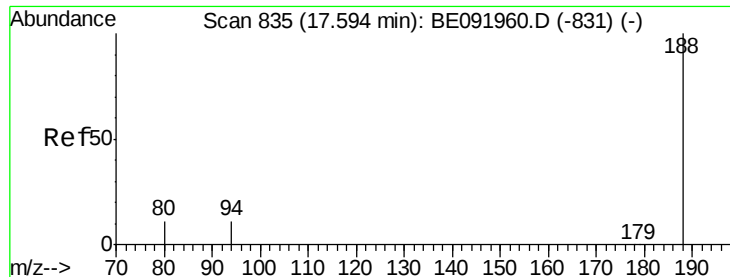
Tot Ion:330 Resp: 245727
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 167.0 138.4 207.6



#17
 2-Fluorobiphenyl
 Concen: 72.49 ng
 RT: 13.48 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BE091988.D
 Acq: 7 Jul 2016 19:41

Tgt Ion:172 Resp: 1140804
 Ion Ratio Lower Upper
 172 100
 171 32.3 24.3 36.5
 170 19.7 14.9 22.3

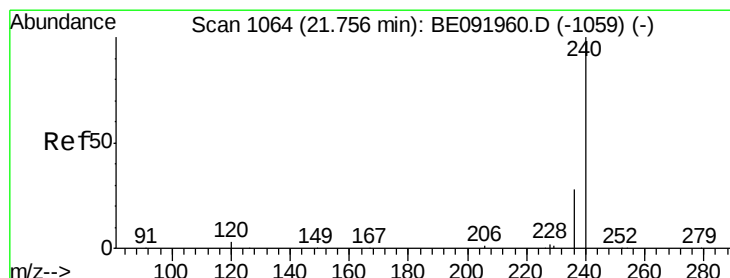
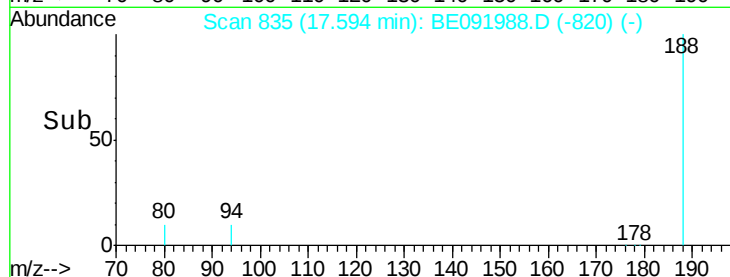
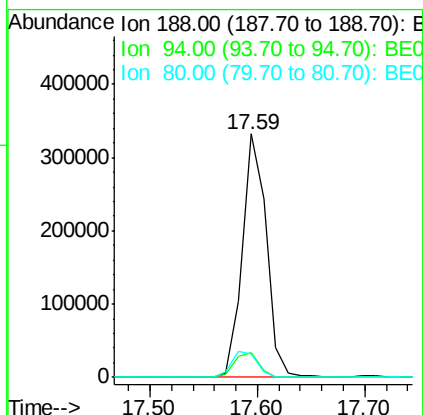
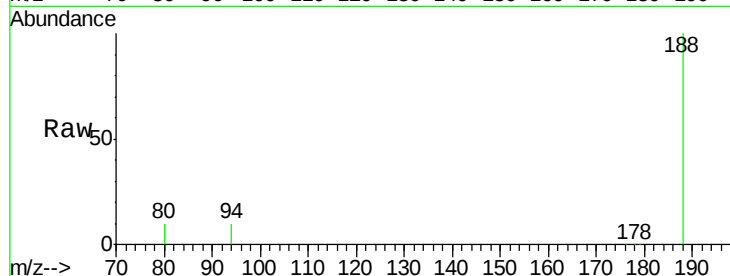




#24
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.59 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE091988.D
Acq: 7 Jul 2016 19:41

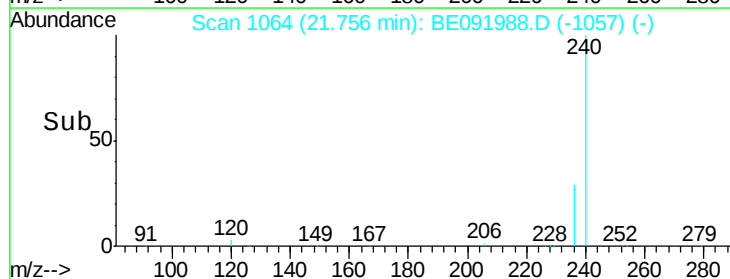
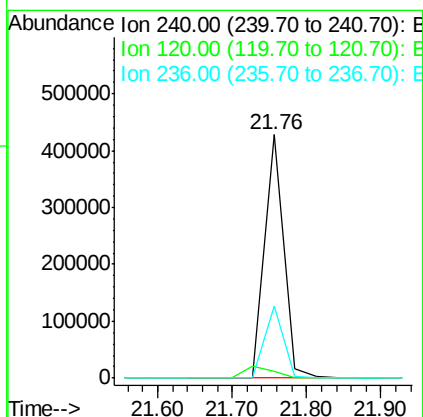
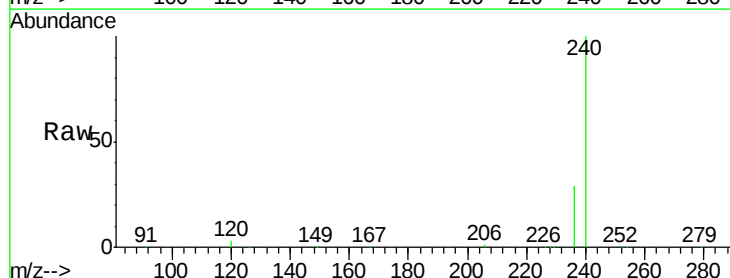
Instrument :
BNA_E
ClientSampleId :
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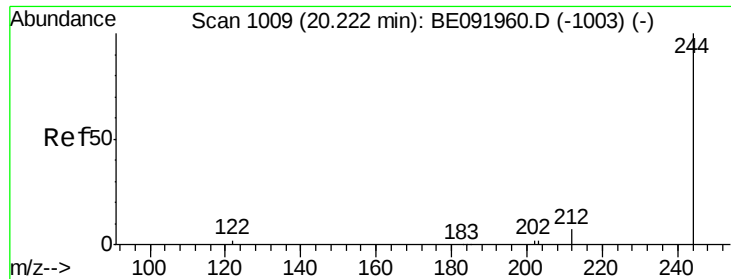
Tot Ion:188 Resp: 511692
Ion Ratio Lower Upper
188 100
94 10.0 4.1 6.1#
80 9.8 3.4 5.2#



#31
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE091988.D
Acq: 7 Jul 2016 19:41

Tgt Ion:240 Resp: 770905
Ion Ratio Lower Upper
240 100
120 2.6 1.2 1.8#
236 29.5 19.8 29.8

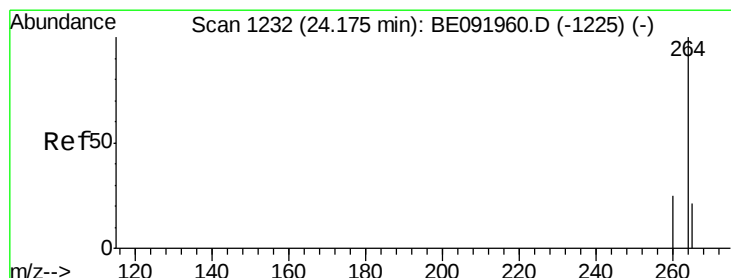
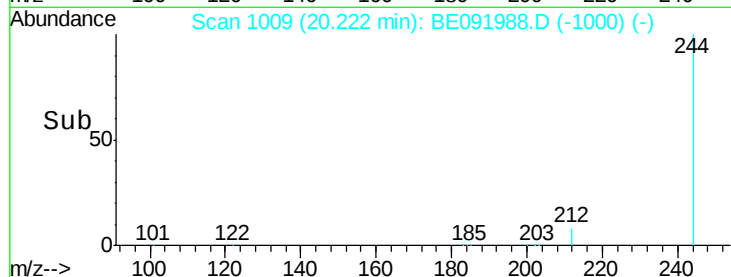
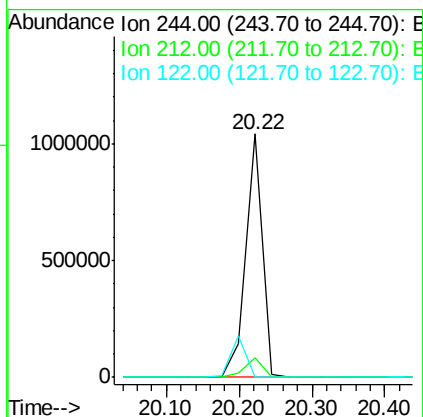
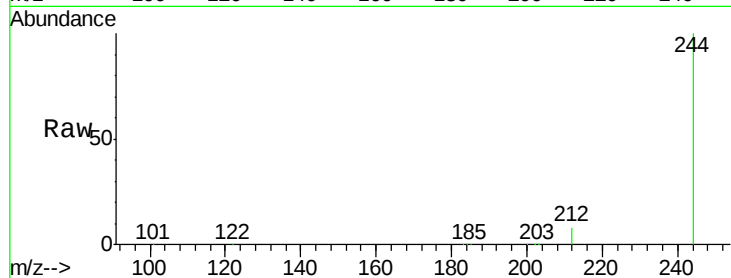




#34
 Terphenyl-d14
 Concen: 72.25 ng
 RT: 20.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BE091988.D
 Acq: 7 Jul 2016 19:41

Instrument :
 BNA_E
 ClientSampleID :
 PB91509BL

Tot Ion:244 Resp: 1642311
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 0.3 2.9 4.3#



#40
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.17 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BE091988.D
 Acq: 7 Jul 2016 19:41

Tgt Ion:264 Resp: 658666
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.3 30.5
 265 21.4 17.6 26.4

