

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE031916\
 Data File : BE097488.D
 Acq On : 18 Mar 2016 17:07
 Operator : UM/SJ
 Sample : MDL-BLK-W
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 18 19:27:34 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 14:14:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	58503	5.00	ng	0.00
6) Naphthalene-d8	10.61	136	255153	5.00	ng	0.00
10) Acenaphthene-d10	14.45	164	146452	5.00	ng	0.00
16) Phenanthrene-d10	17.17	188	378479	5.00	ng	-0.01
22) Chrysene-d12	21.34	240	485813	5.00	ng	0.00
28) Perylene-d12	23.80	264	440038	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	101018	7.51	ng	0.00
5) Phenol-d6	6.99	99	133628	7.62	ng	0.00
7) Nitrobenzene-d5	8.98	82	46457	3.40	ng	0.00
11) 2,4,6-Tribromophenol	15.92	330	36290	6.76	ng	-0.01
12) 2-Fluorobiphenyl	13.07	172	163074	4.42	ng	0.00
24) Terphenyl-d14	19.78	244	275606	4.72	ng	-0.02

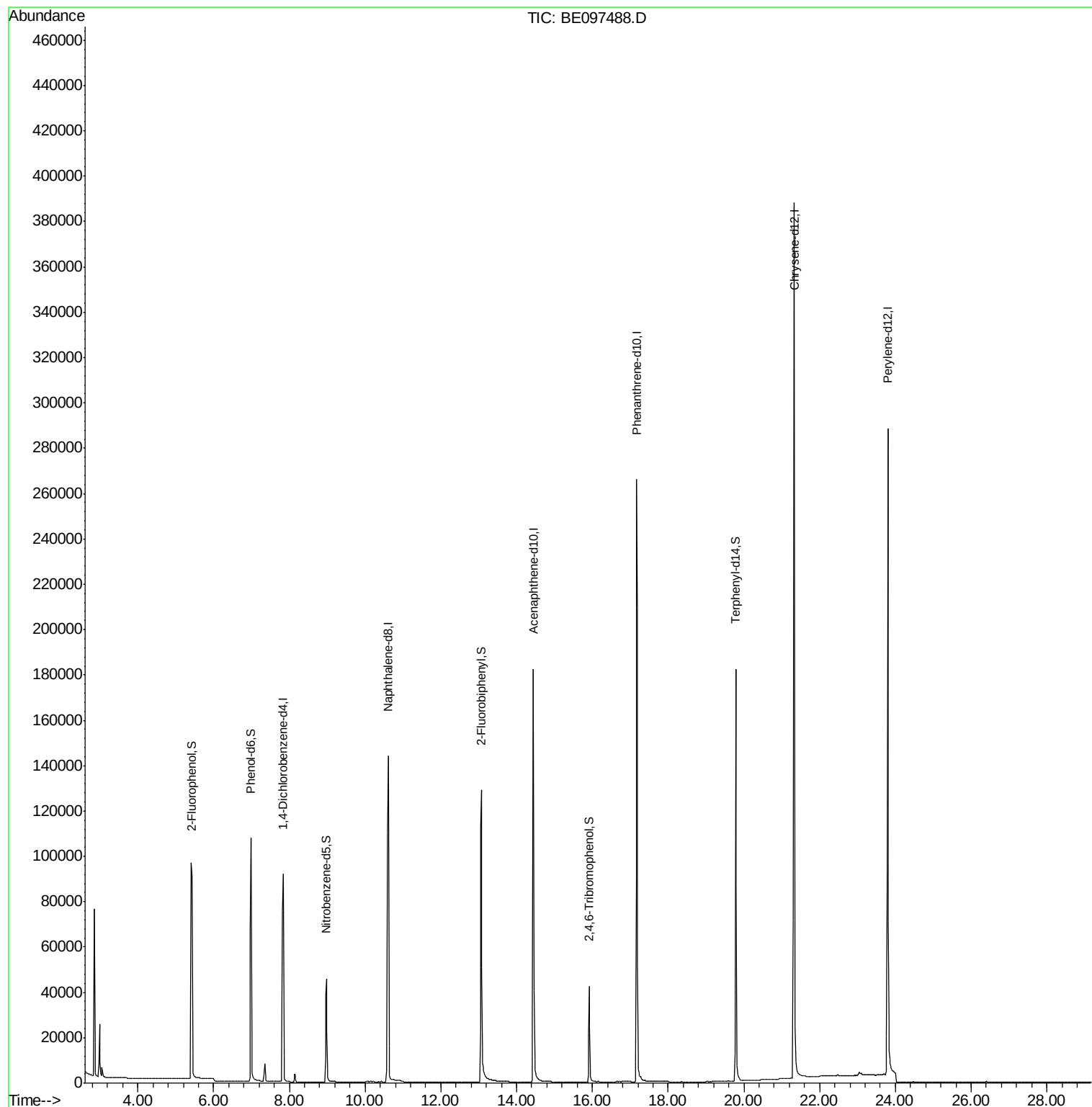
Target Compounds	Qvalue
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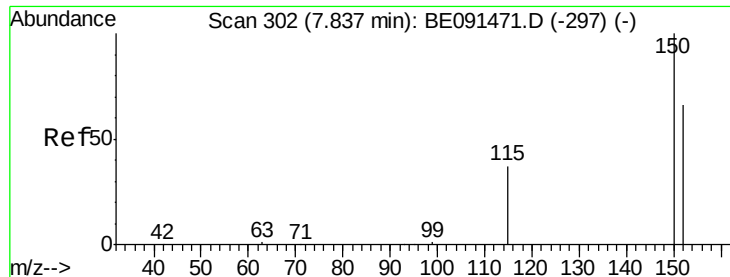
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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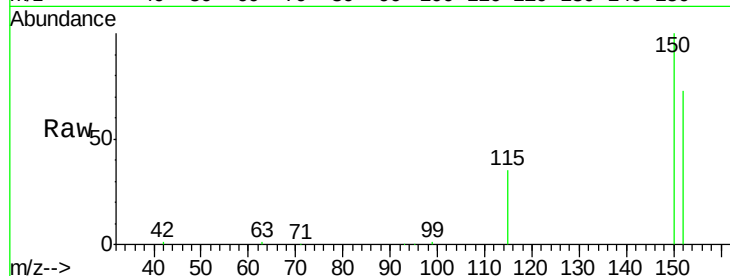


#1

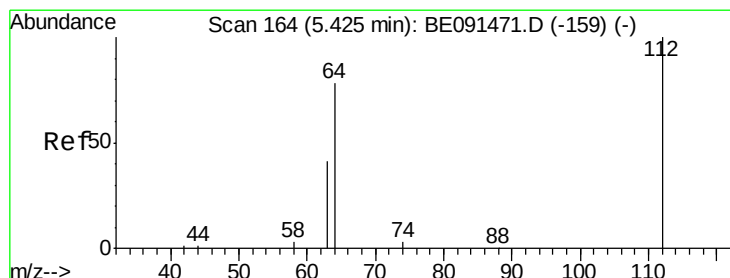
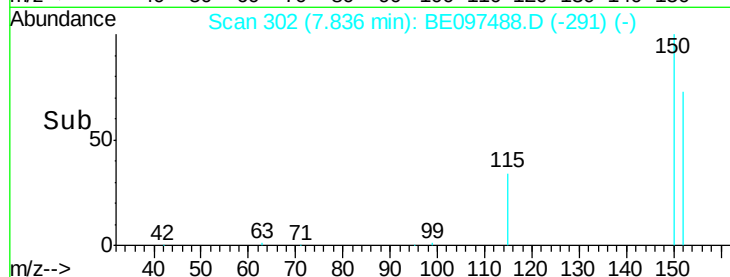
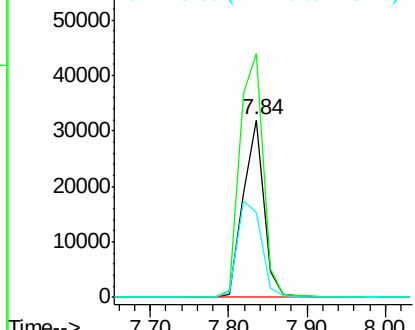
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.84 min Scan# 302
Delta R.T. -0.00 min
Lab File: BE097488.D
Acq: 18 Mar 2016 17:07

Instrument :
BNA_E
ClientSampled :

Tgt Ion:152 Resp: 58503
Ion Ratio Lower Upper
152 100
150 137.5 122.2 183.2
115 47.6 45.9 68.9



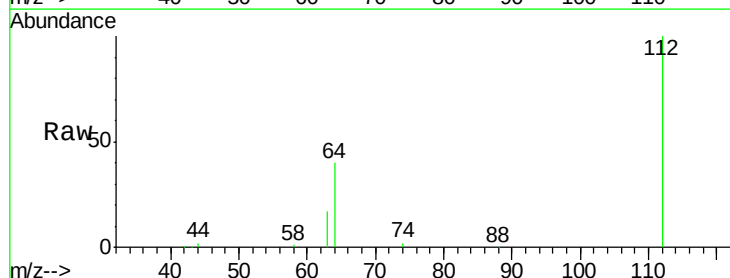
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



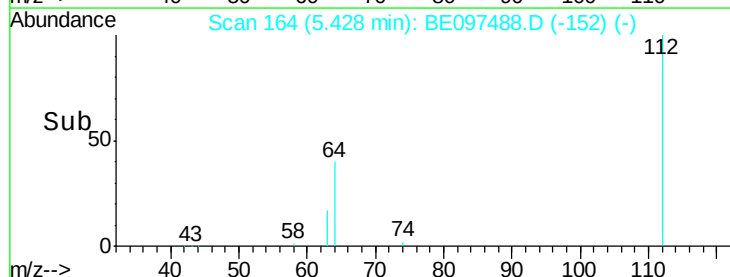
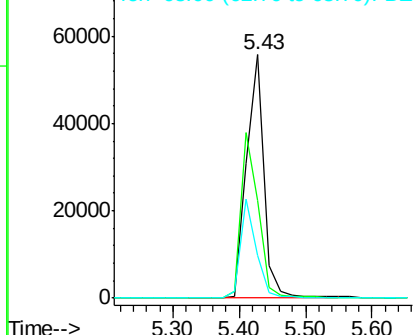
#4

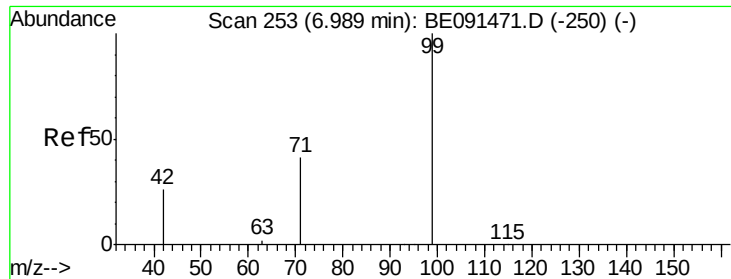
2-Fluorophenol
Concen: 7.51 ng
RT: 5.43 min Scan# 164
Delta R.T. 0.00 min
Lab File: BE097488.D
Acq: 18 Mar 2016 17:07

Tgt Ion:112 Resp: 101018
Ion Ratio Lower Upper
112 100
64 67.4 53.3 79.9
63 36.8 29.8 44.8



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: 7.62 ng

RT: 6.99 min Scan# 253

Delta R.T. -0.00 min

Lab File: BE097488.D

Acq: 18 Mar 2016 17:07

Instrument :

BNA_E

ClientSampled :

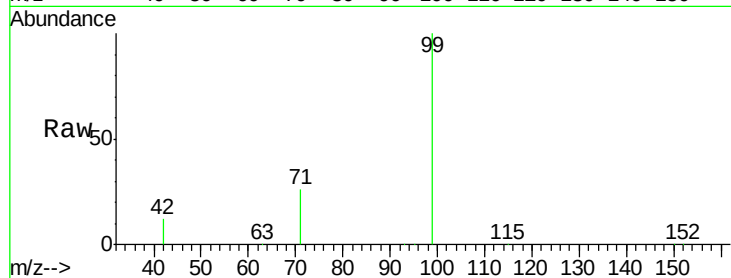
Tgt Ion: 99 Resp: 133628

Ion Ratio Lower Upper

99 100

42 24.3 20.6 30.8

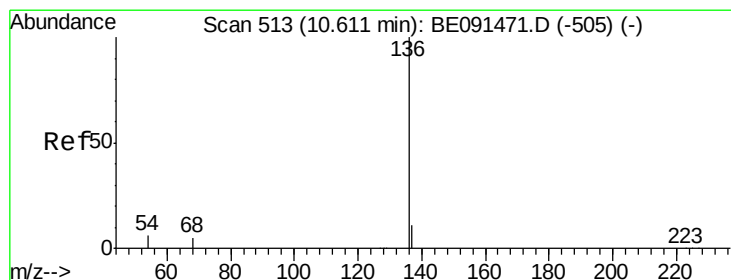
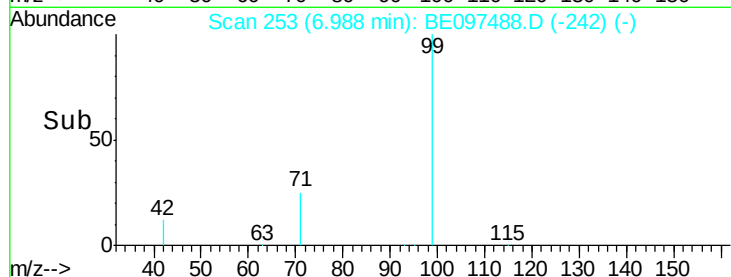
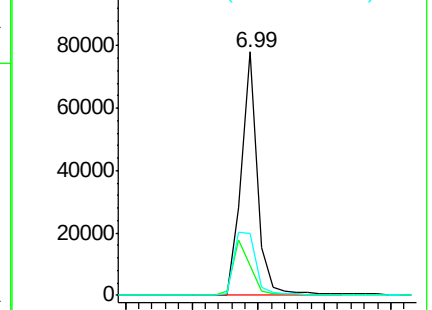
71 35.2 29.0 43.4



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



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.61 min Scan# 513

Delta R.T. -0.00 min

Lab File: BE097488.D

Acq: 18 Mar 2016 17:07

Tgt Ion: 136 Resp: 255153

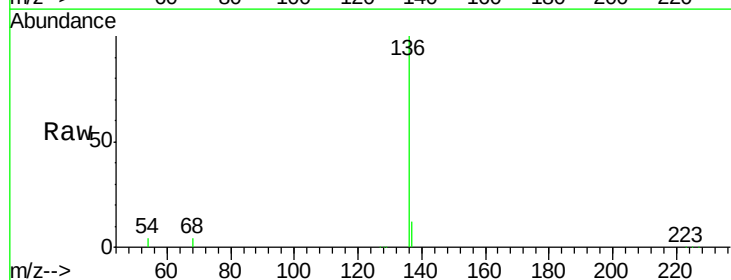
Ion Ratio Lower Upper

136 100

137 11.8 8.8 13.2

54 4.2 5.2 7.8#

68 3.5 4.1 6.1#

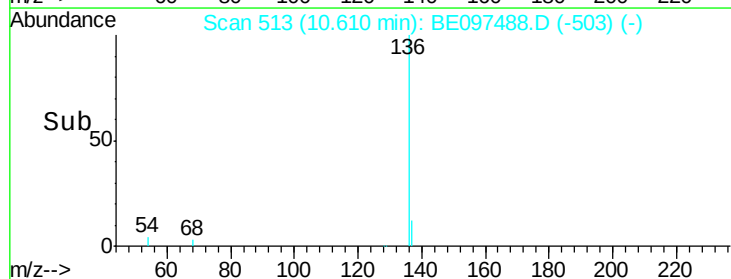
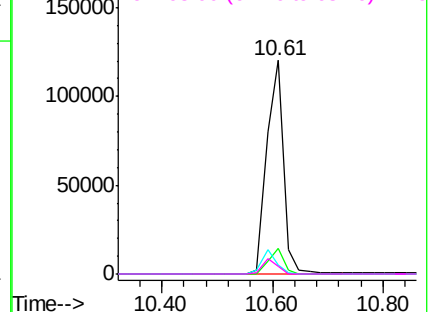


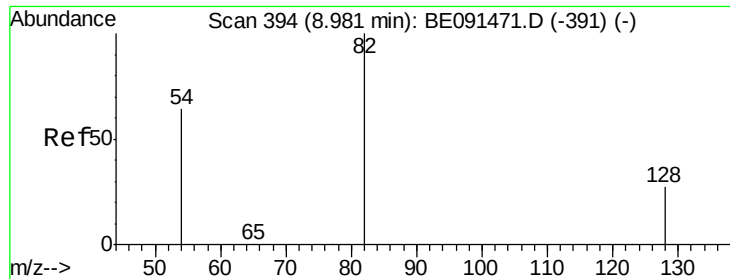
Abundance Ion 136.00 (135.70 to 136.70): E

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





#7

Nitrobenzene-d5

Concen: 3.40 ng

RT: 8.98 min Scan# 394

Delta R.T. 0.00 min

Lab File: BE097488.D

Acq: 18 Mar 2016 17:07

Instrument :

BNA_E

ClientSampleId :

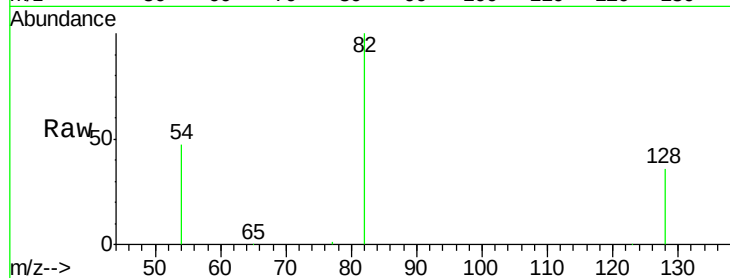
Tgt Ion: 82 Resp: 46457

Ion Ratio Lower Upper

82 100

128 35.7 23.5 35.3#

54 47.2 52.4 78.6#

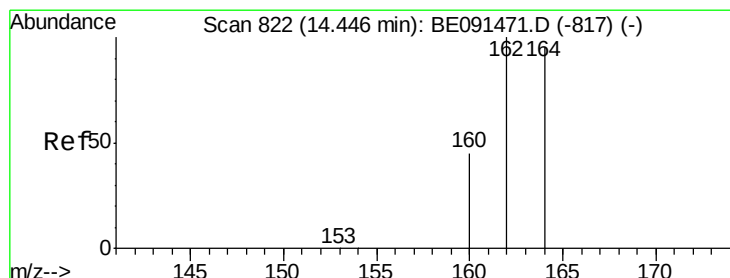
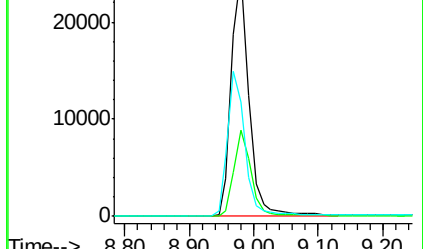
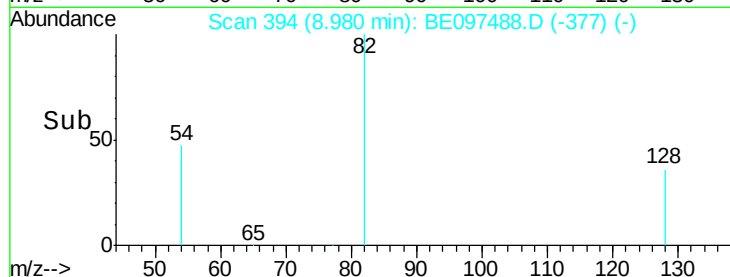


Abundance Ion 82.00 (81.70 to 82.70): BE091471.D (-391) (-)

Ion 128.00 (127.70 to 128.70): BE091471.D (-391) (-)

Ion 54.00 (53.70 to 54.70): BE091471.D (-391) (-)

Time-->



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.45 min Scan# 822

Delta R.T. 0.00 min

Lab File: BE097488.D

Acq: 18 Mar 2016 17:07

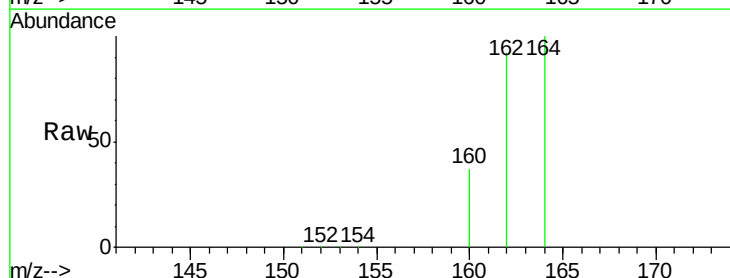
Tgt Ion: 164 Resp: 146452

Ion Ratio Lower Upper

164 100

162 91.6 84.4 126.6

160 36.9 37.7 56.5#

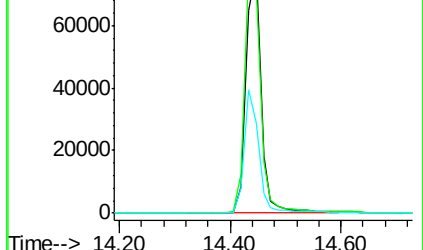
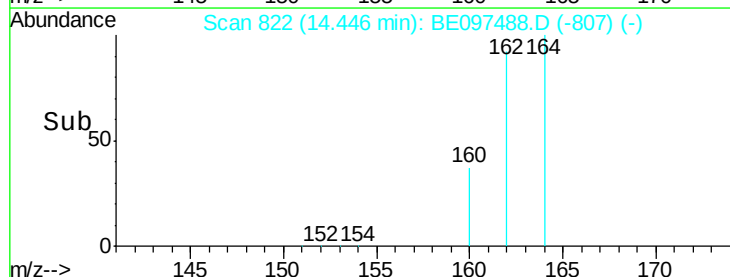


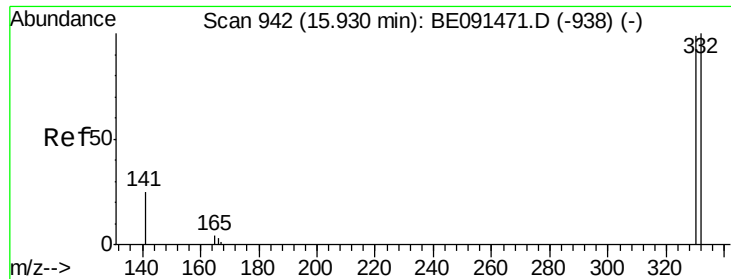
Abundance Ion 164.00 (163.70 to 164.70): BE091471.D (-817) (-)

Ion 162.00 (161.70 to 162.70): BE091471.D (-817) (-)

Ion 160.00 (159.70 to 160.70): BE091471.D (-817) (-)

Time-->

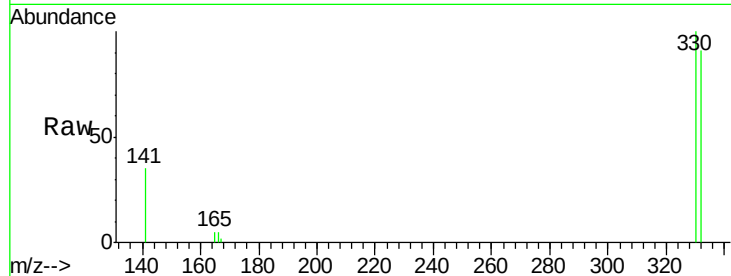




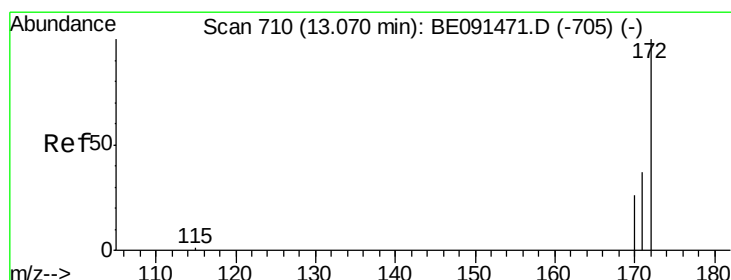
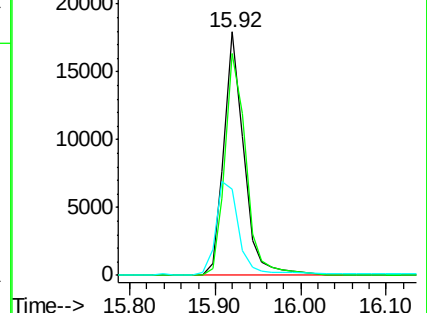
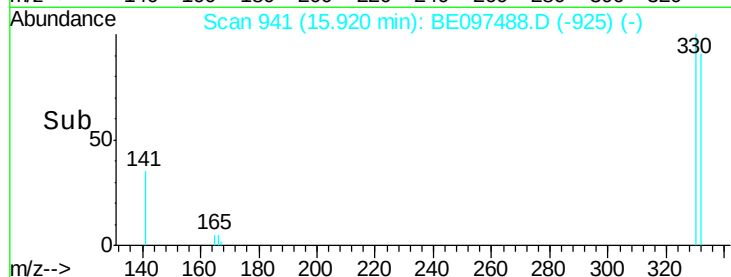
#11
 2,4,6-Tribromophenol
 Concen: 6.76 ng
 RT: 15.92 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BE097488.D
 Acq: 18 Mar 2016 17:07

Instrument :
 BNA_E
 ClientSampleId :

Tgt Ion:330 Resp: 36290
 Ion Ratio Lower Upper
 330 100
 332 96.0 79.2 118.8
 141 43.8 28.1 42.1#

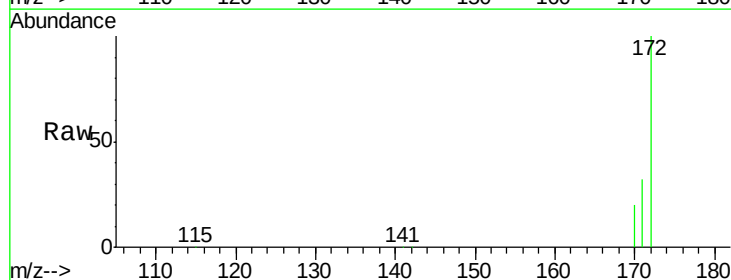


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

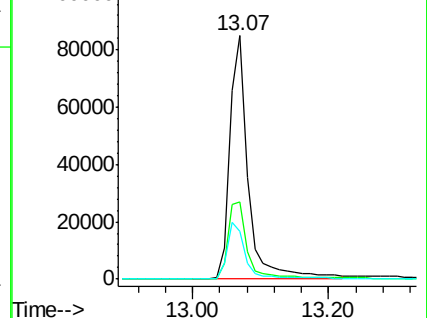
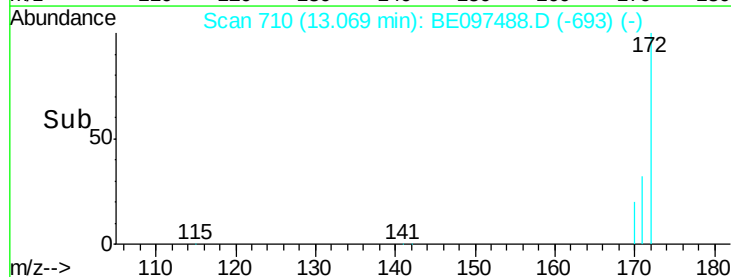


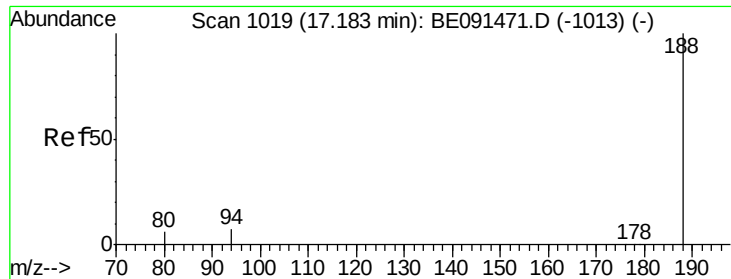
#12
 2-Fluorobiphenyl
 Concen: 4.42 ng
 RT: 13.07 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BE097488.D
 Acq: 18 Mar 2016 17:07

Tgt Ion:172 Resp: 163074
 Ion Ratio Lower Upper
 172 100
 171 31.8 29.8 44.8
 170 19.6 21.4 32.2#



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

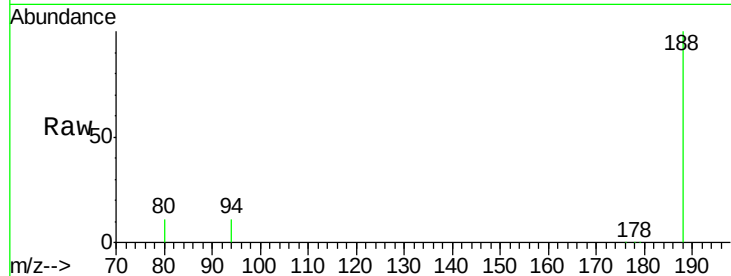




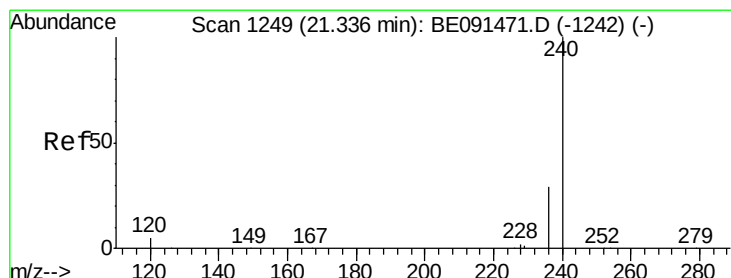
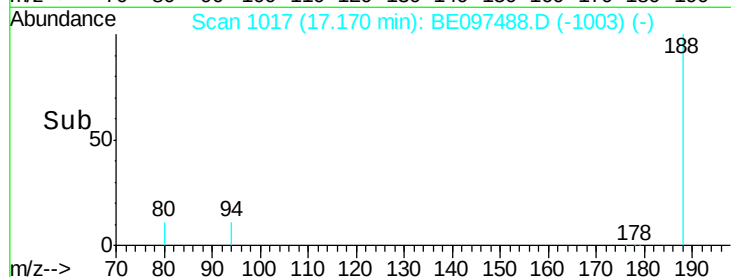
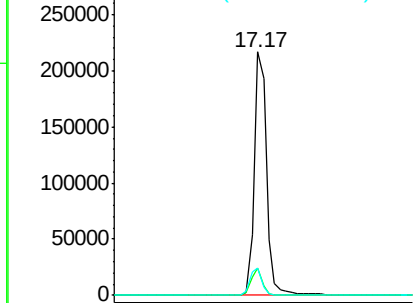
#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.17 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BE097488.D
Acq: 18 Mar 2016 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 378479
Ion Ratio Lower Upper
188 100
94 11.2 5.4 8.2#
80 11.3 5.0 7.4#

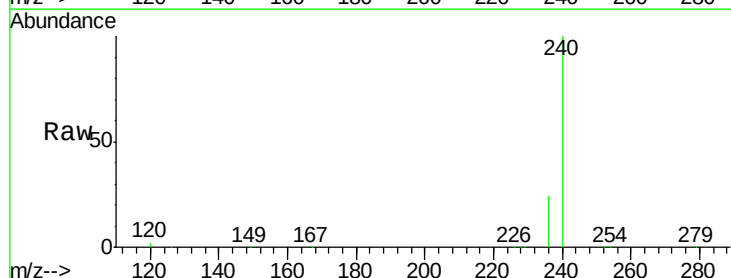


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0

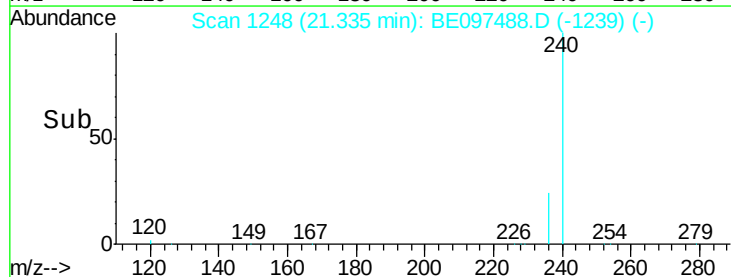
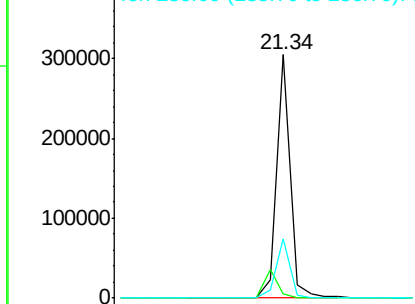


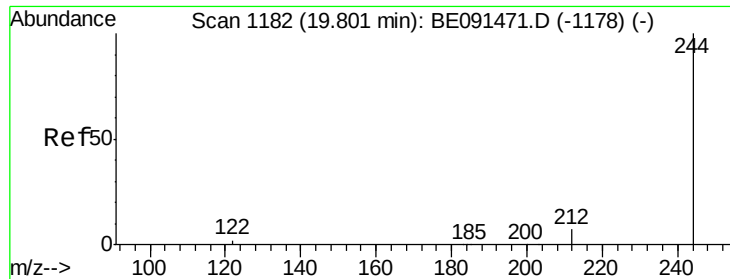
#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.34 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE097488.D
Acq: 18 Mar 2016 17:07

Tgt Ion:240 Resp: 485813
Ion Ratio Lower Upper
240 100
120 2.0 4.0 6.0#
236 24.4 23.0 34.4



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





#24

Terphenyl-d14

Concen: 4.72 ng

RT: 19.78 min Scan# 1180

Delta R.T. -0.02 min

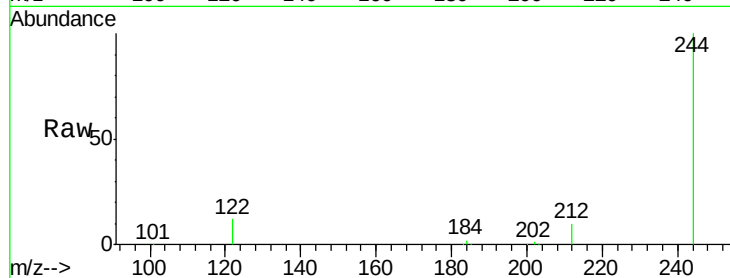
Lab File: BE097488.D

Acq: 18 Mar 2016 17:07

Instrument :

BNA_E

ClientSampleId :



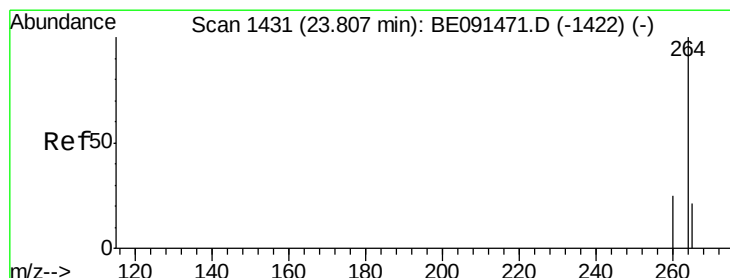
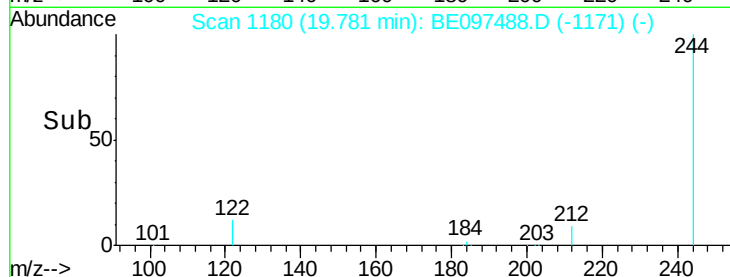
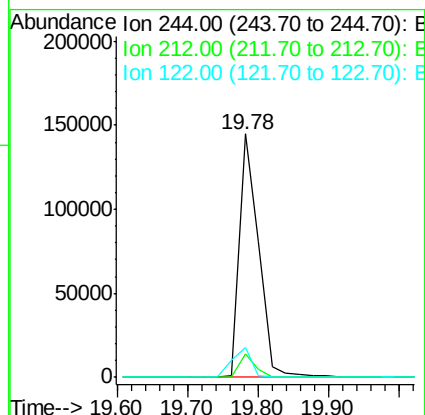
Tgt Ion:244 Resp: 275606

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

122 12.4 1.8 2.8#



#28

Perylene-d12

Concen: 5.00 ng

RT: 23.80 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BE097488.D

Acq: 18 Mar 2016 17:07

Tgt Ion:264 Resp: 440038

Ion Ratio Lower Upper

264 100

260 23.9 20.1 30.1

265 23.5 18.3 27.5

