

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080216\
 Data File : BE092144.D
 Acq On : 3 Aug 2016 12:25
 Operator : UM/SJ
 Sample : H4176-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 GW-26-8.0-15.0

Quant Time: Aug 03 12:56:53 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-PAH-BE080216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 16:59:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	12980	5.00	ng	0.00
6) Naphthalene-d8	10.98	136	56931	5.00	ng	-0.01
10) Acenaphthene-d10	14.83	164	30417	5.00	ng	-0.02
16) Phenanthrene-d10	17.56	188	63748	5.00	ng	-0.02
22) Chrysene-d12	21.75	240	83260	5.00	ng	0.00
28) Perylene-d12	24.14	264	85114	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.69	112	249399	74.82	ng	0.00
5) Phenol-d6	7.34	99	239348	53.89	ng	-0.01
7) Nitrobenzene-d5	9.34	82	348136	77.50	ng	-0.01
11) 2,4,6-Tribromophenol	16.33	330	136535	138.24	ng	0.00
12) 2-Fluorobiphenyl	13.46	172	631552	65.52	ng	0.00
24) Terphenyl-d14	20.19	244	768260	64.25	ng	-0.02

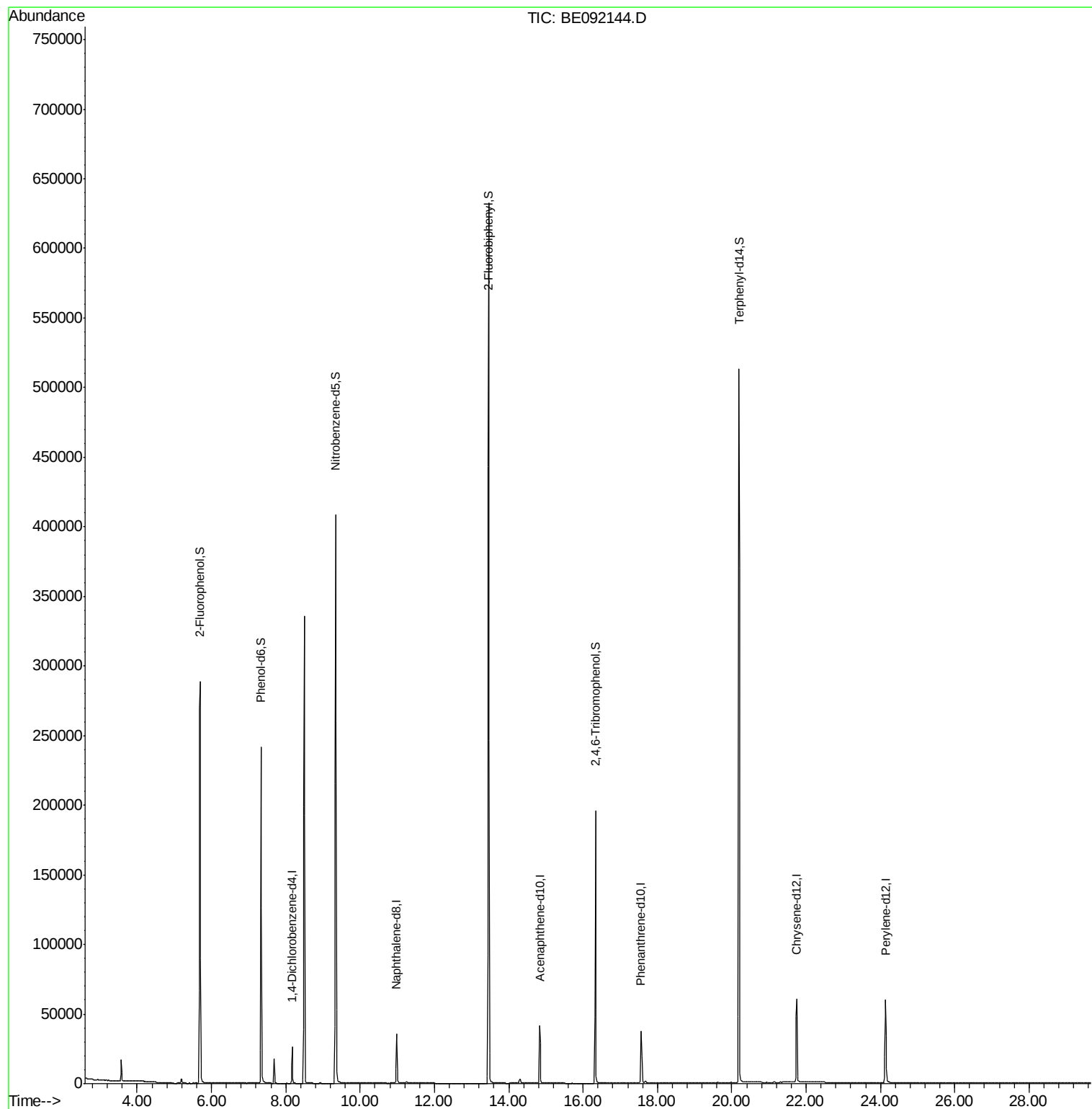
Target Compounds	Qvalue
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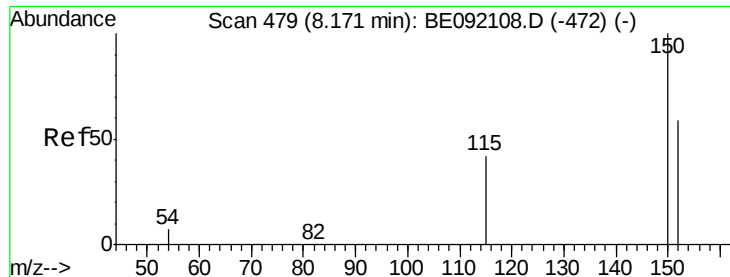
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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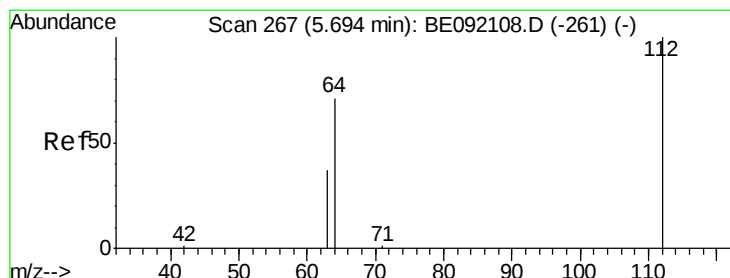
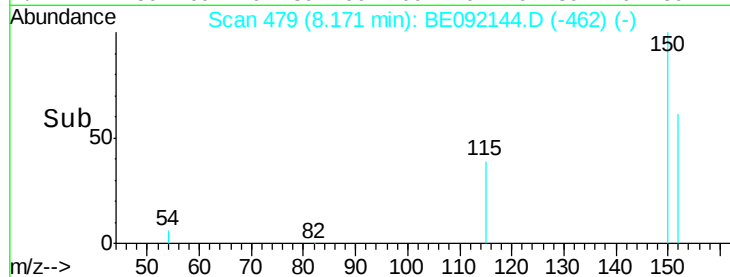
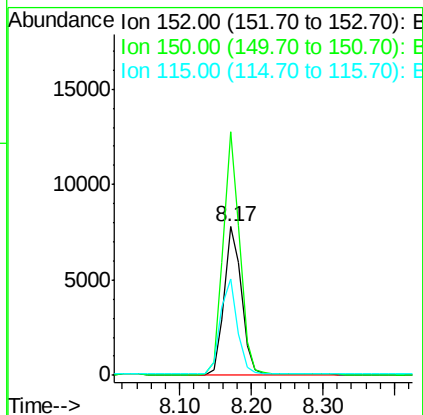
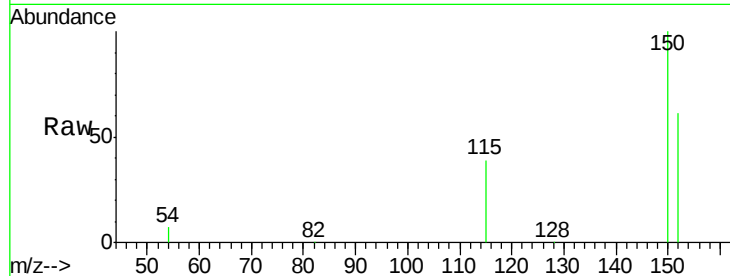


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 479
Delta R.T. -0.00 min
Lab File: BE092144.D
Acq: 3 Aug 2016 12:25

Instrument :
BNA_E
ClientSampleId :
GW-26-8.0-15.0

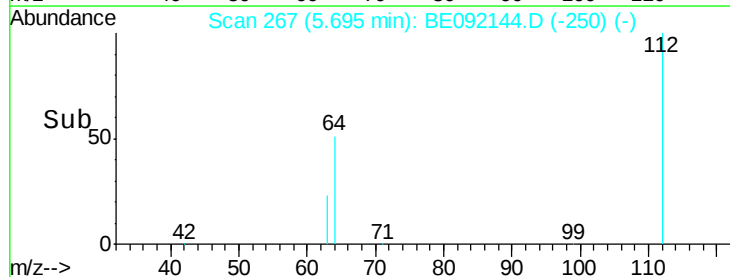
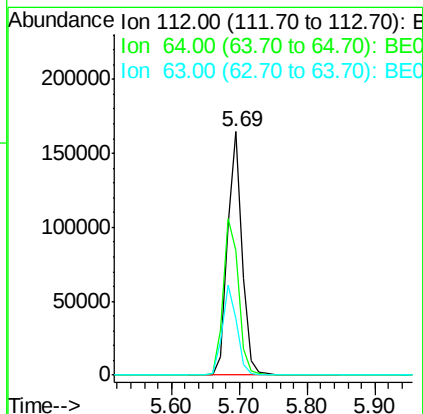
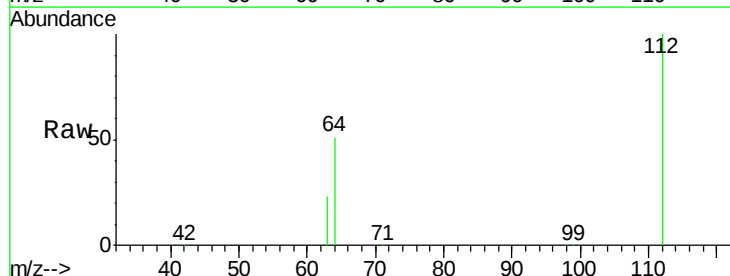
Tot Ion:152 Resp: 12980
Ion Ratio Lower Upper
152 100
150 163.7 106.0 159.0#
115 64.6 36.9 55.3#

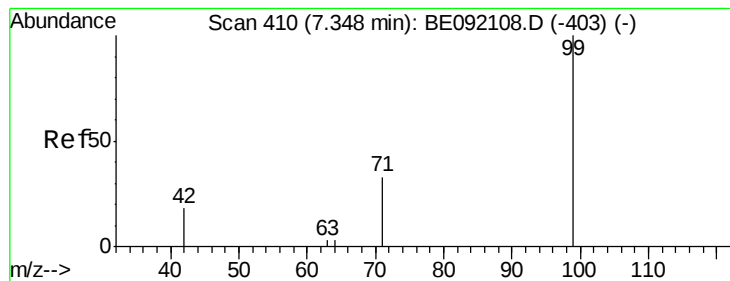


#4

2-Fluorophenol
Concen: 74.82 ng
RT: 5.69 min Scan# 267
Delta R.T. 0.00 min
Lab File: BE092144.D
Acq: 3 Aug 2016 12:25

Tgt Ion:112 Resp: 249399
Ion Ratio Lower Upper
112 100
64 68.2 55.9 83.9
63 36.9 31.1 46.7





#5

Phenol-d6

Concen: 53.89 ng

RT: 7.34 min Scan# 409

Delta R.T. -0.01 min

Lab File: BE092144.D

Acq: 3 Aug 2016 12:25

Instrument :

BNA_E

ClientSampleId :

GW-26-8.0-15.0

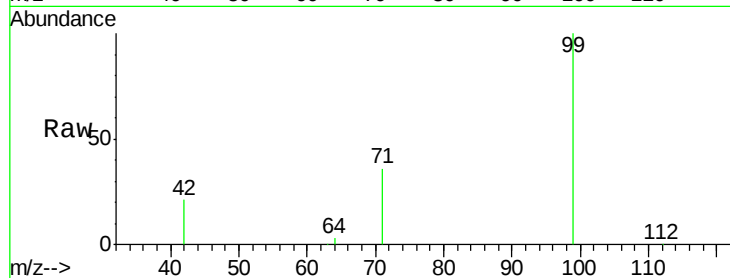
Tot Ion: 99 Resp: 239348

Ion Ratio Lower Upper

99 100

42 24.9 22.4 33.6

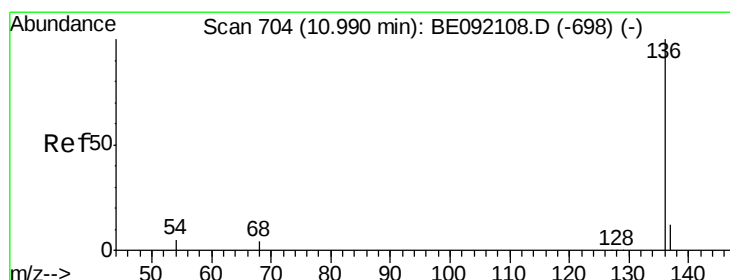
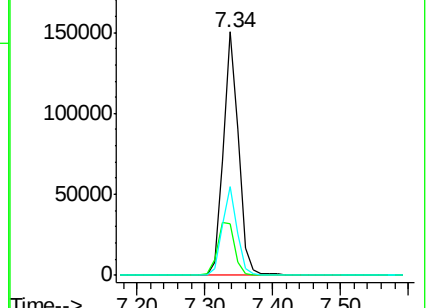
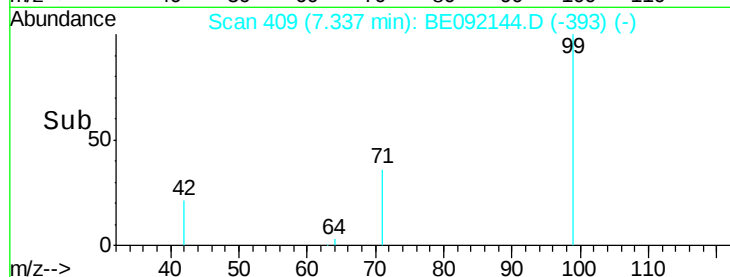
71 35.7 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BE092108.D (-403) (-)

Ion 42.00 (41.70 to 42.70): BE092108.D (-403) (-)

Ion 71.00 (70.70 to 71.70): BE092108.D (-403) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.98 min Scan# 703

Delta R.T. -0.01 min

Lab File: BE092144.D

Acq: 3 Aug 2016 12:25

Tgt Ion: 136 Resp: 56931

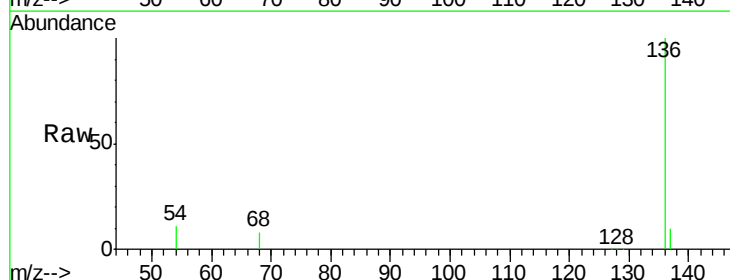
Ion Ratio Lower Upper

136 100

137 10.3 9.1 13.7

54 11.1 2.7 4.1#

68 7.6 2.2 3.4#

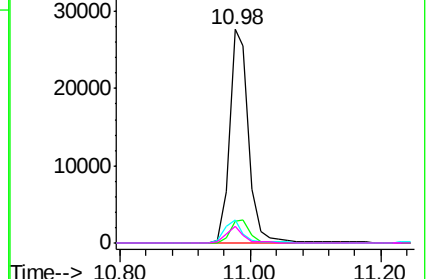
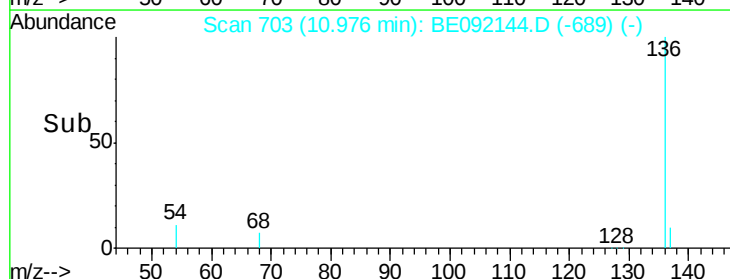


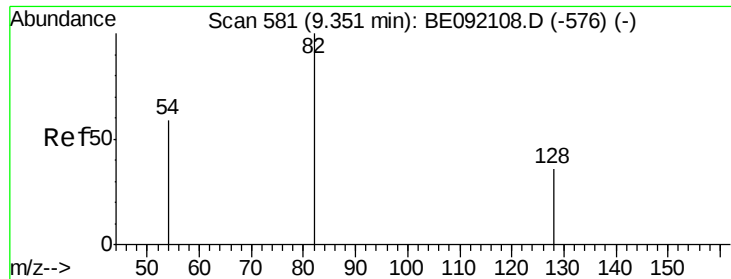
Abundance Ion 136.00 (135.70 to 136.70): BE092108.D (-698) (-)

Ion 137.00 (136.70 to 137.70): BE092108.D (-698) (-)

Ion 54.00 (53.70 to 54.70): BE092108.D (-698) (-)

Ion 68.00 (67.70 to 68.70): BE092108.D (-698) (-)





#7

Nitrobenzene-d5

Concen: 77.50 ng

RT: 9.34 min Scan# 580

Delta R.T. -0.01 min

Lab File: BE092144.D

Acq: 3 Aug 2016 12:25

Instrument :

BNA_E

ClientSampleId :

GW-26-8.0-15.0

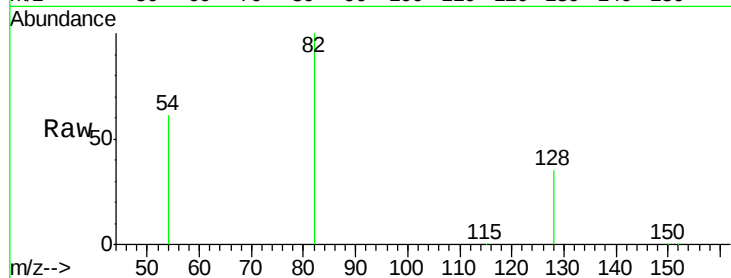
Tot Ion: 82 Resp: 348136

Ion Ratio Lower Upper

82 100

128 35.0 33.0 49.4

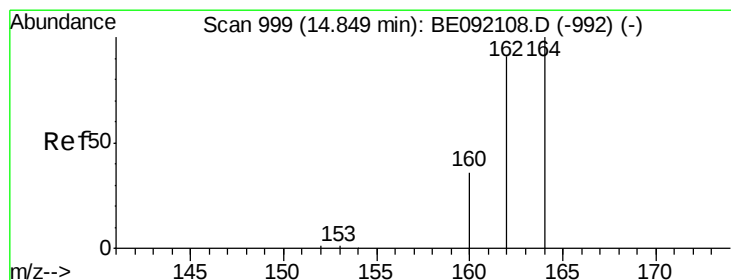
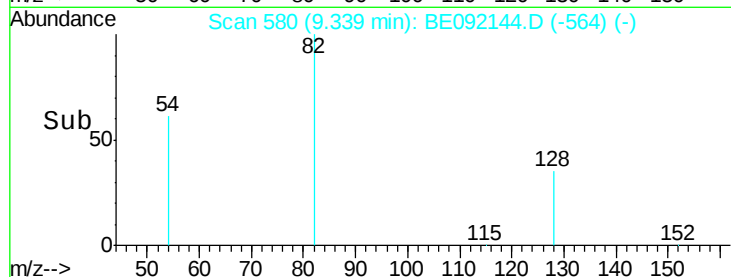
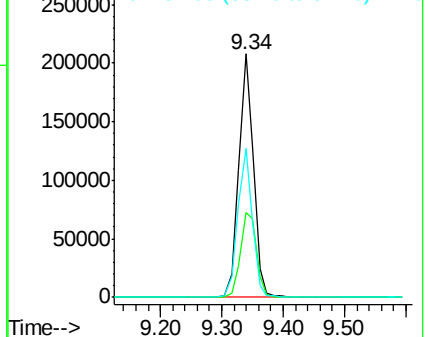
54 61.2 42.6 63.8



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



#10

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.83 min Scan# 998

Delta R.T. -0.02 min

Lab File: BE092144.D

Acq: 3 Aug 2016 12:25

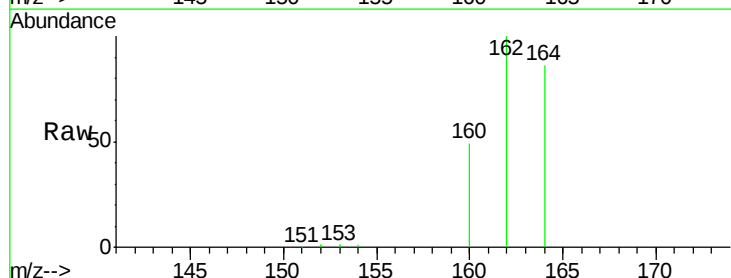
Tgt Ion: 164 Resp: 30417

Ion Ratio Lower Upper

164 100

162 116.0 69.5 104.3#

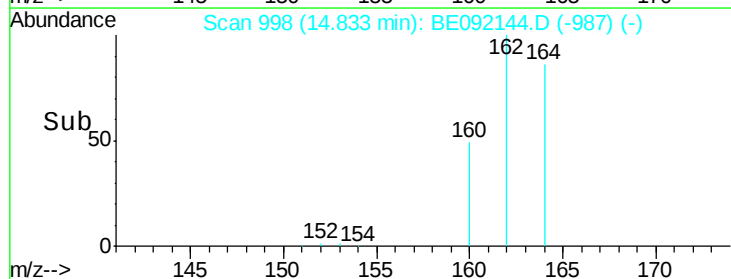
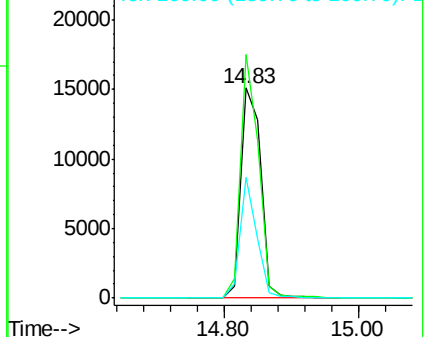
160 57.3 27.6 41.4#



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

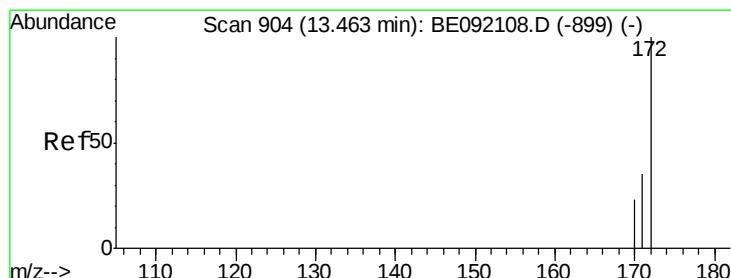
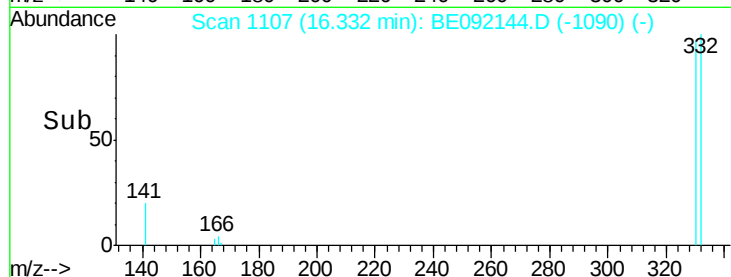
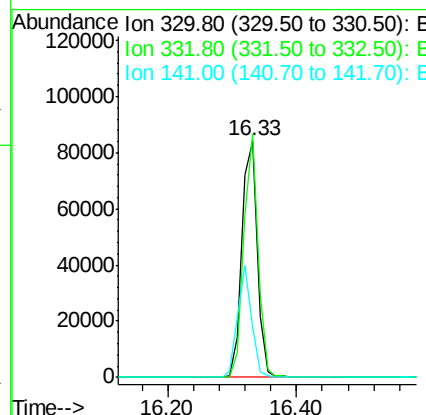
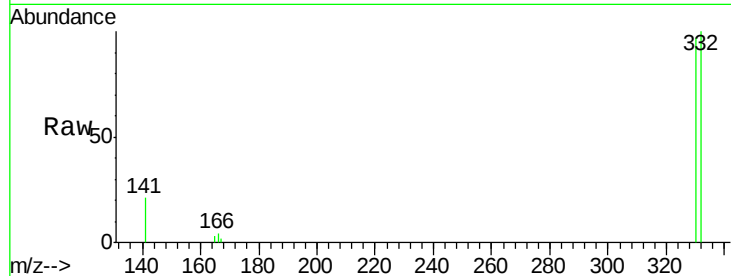




#11
 2,4,6-Tribromophenol
 Concen: 138.24 ng
 RT: 16.33 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BE092144.D
 Acq: 3 Aug 2016 12:25

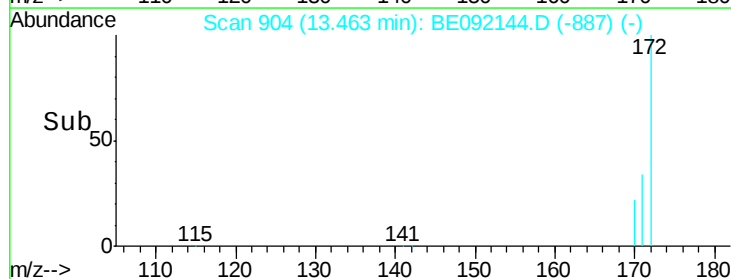
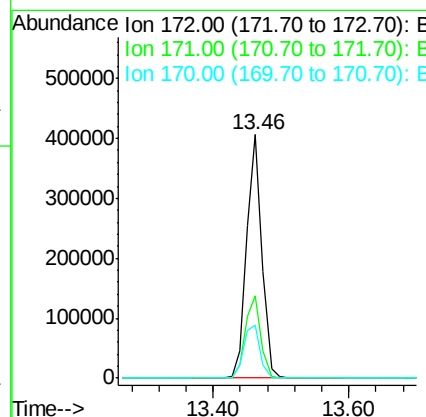
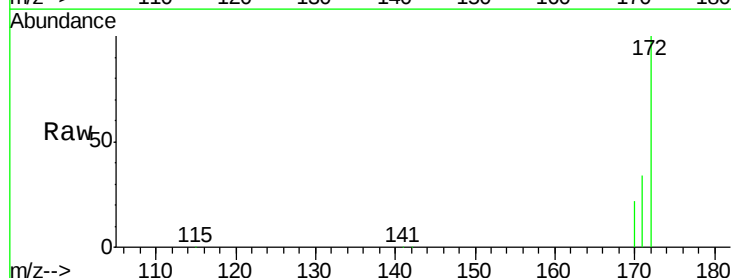
Instrument :
 BNA_E
 ClientSampleId :
 GW-26-8.0-15.0

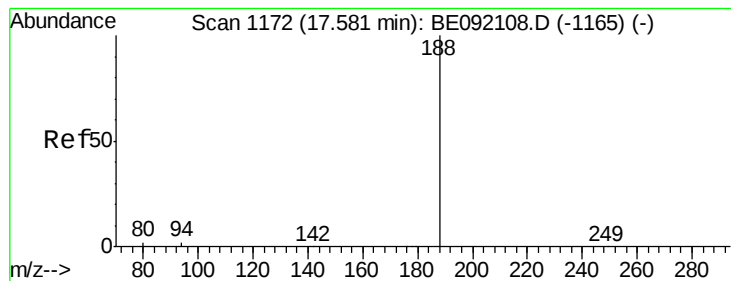
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	74.2	111.4
141	42.8	139.8	209.8#



#12
 2-Fluorobiphenyl
 Concen: 65.52 ng
 RT: 13.46 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BE092144.D
 Acq: 3 Aug 2016 12:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	30.3	45.5
170	21.6	21.6	32.4#





#16

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.56 min Scan# 1171

Delta R.T. -0.02 min

Lab File: BE092144.D

Acq: 3 Aug 2016 12:25

Instrument :

BNA_E

ClientSampleId :

GW-26-8.0-15.0

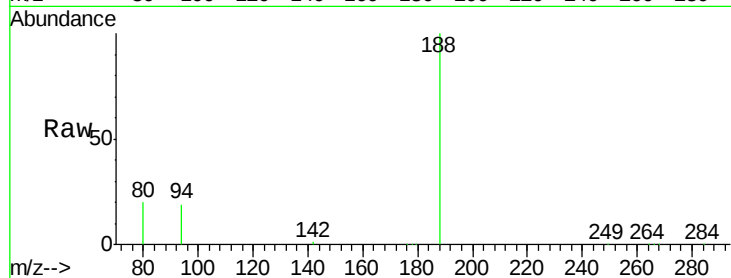
Tot Ion:188 Resp: 63748

Ion Ratio Lower Upper

188 100

94 19.4 3.9 5.9#

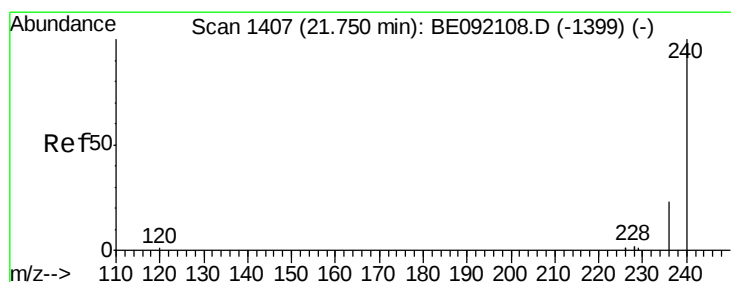
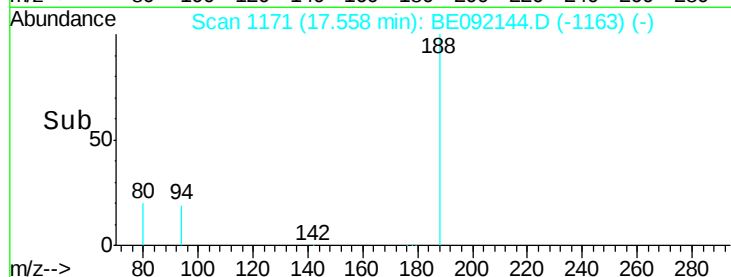
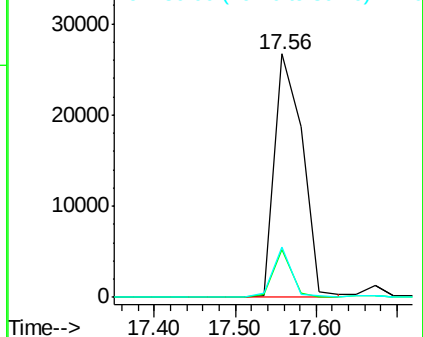
80 20.5 3.4 5.0#



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: 21.75 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BE092144.D

Acq: 3 Aug 2016 12:25

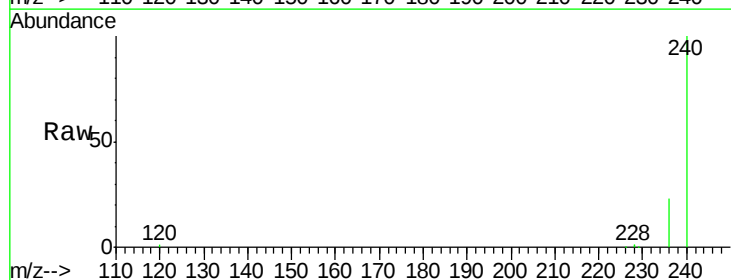
Tgt Ion:240 Resp: 83260

Ion Ratio Lower Upper

240 100

120 1.2 0.6 1.0#

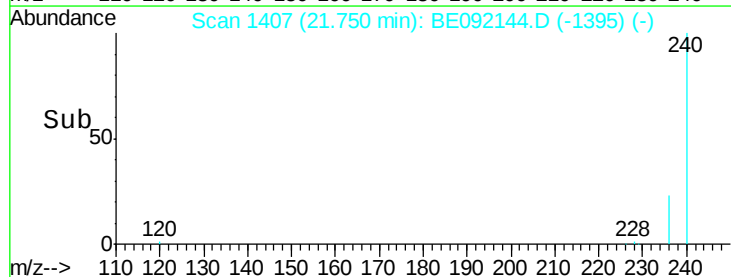
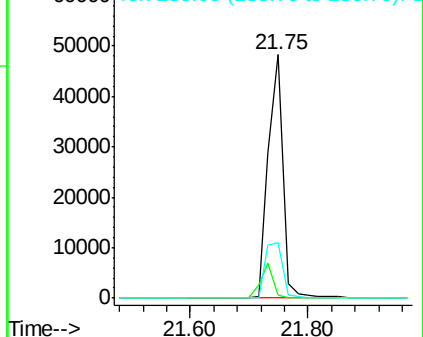
236 22.6 18.2 27.4

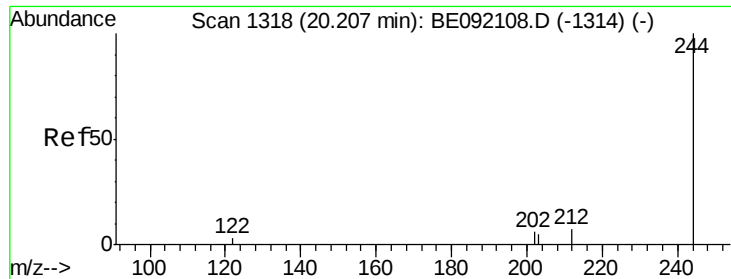


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

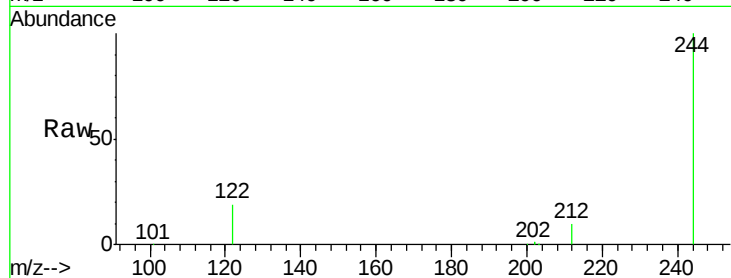




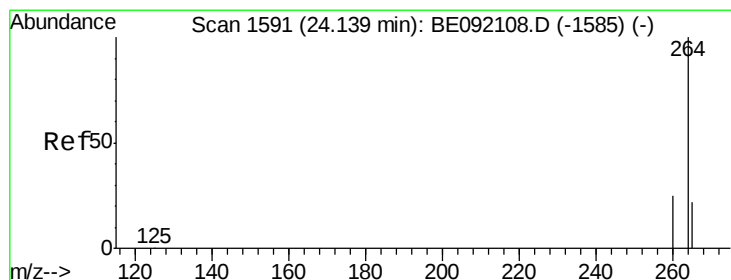
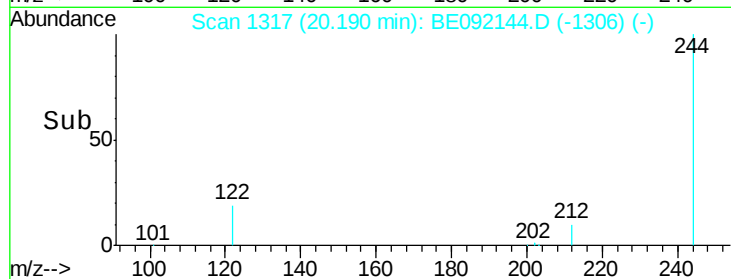
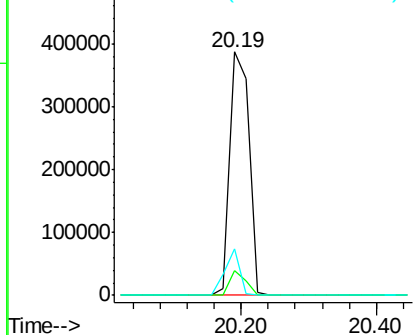
#24
 Terphenyl-d14
 Concen: 64.25 ng
 RT: 20.19 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BE092144.D
 Acq: 3 Aug 2016 12:25

Instrument :
 BNA_E
 ClientSampleId :
 GW-26-8.0-15.0

Tot Ion:244 Resp: 768260
 Ion Ratio Lower Upper
 244 100
 212 10.2 9.1 13.7
 122 19.3 11.0 16.4#

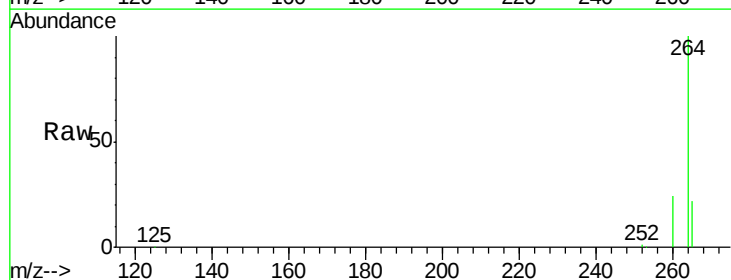


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#28
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.14 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BE092144.D
 Acq: 3 Aug 2016 12:25

Tgt Ion:264 Resp: 85114
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.8 31.2
 265 22.0 16.6 25.0



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

