

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091715\
 Data File : BE090862.D
 Acq On : 17 Sep 2015 13:40
 Operator : UM/IZ
 Sample : PB85602BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85602BL

Quant Time: Sep 17 15:03:17 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 11:40:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	52086	5.00	ng	-0.01
6) Naphthalene-d8	10.29	136	243309	5.00	ng	-0.01
12) Acenaphthene-d10	14.16	164	132495	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	321049	5.00	ng	0.00
25) Chrysene-d12	21.07	240	358512	5.00	ng	0.00
32) Perylene-d12	23.35	264	335174	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.17	112	75995	7.48	ng	-0.02
5) Phenol-d6	6.73	99	108075	7.45	ng	-0.02
7) Nitrobenzene-d5	8.69	82	48918	3.04	ng	-0.01
13) 2,4,6-Tribromophenol	15.67	330	24197	6.26	ng	0.00
14) 2-Fluorobiphenyl	12.78	172	104064	2.84	ng	-0.01
27) Terphenyl-d14	19.53	244	170147	4.29	ng	-0.01

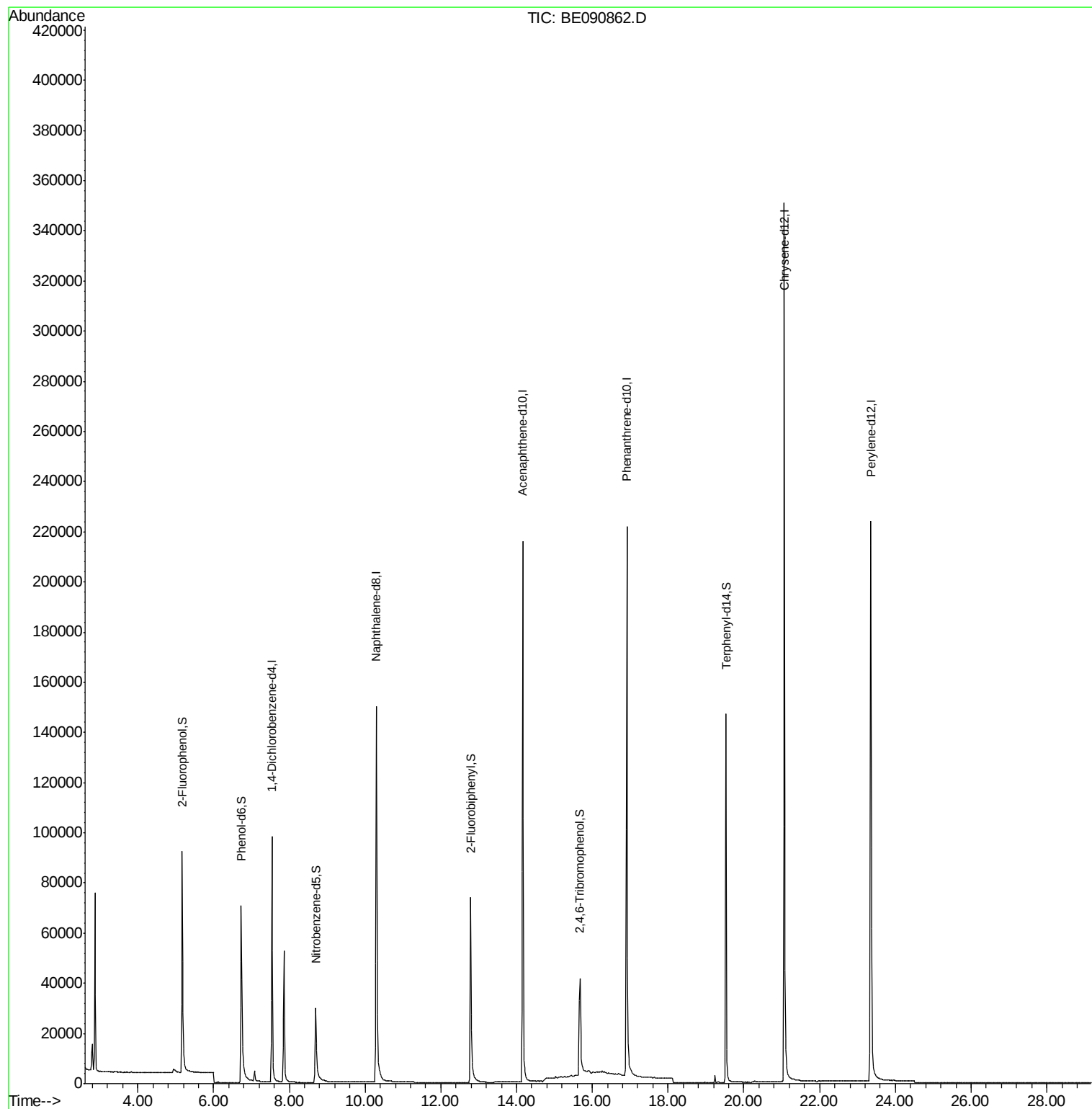
Target Compounds	Qvalue
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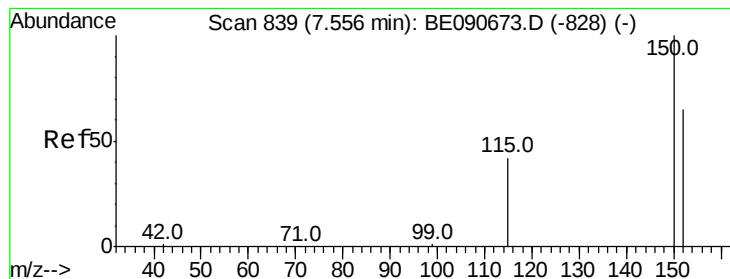
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.54 min Scan# 836

Delta R.T. -0.01 min

Lab File: BE090862.D

Acq: 17 Sep 2015 13:40

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ClientSampleId :

PB85602BL

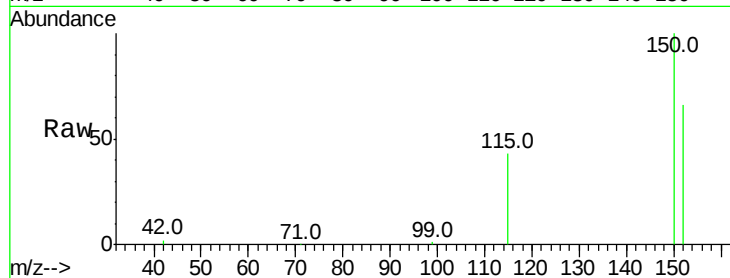
Tgt Ion:152 Resp: 52086

Ion Ratio Lower Upper

152 100

150 152.0 122.2 183.4

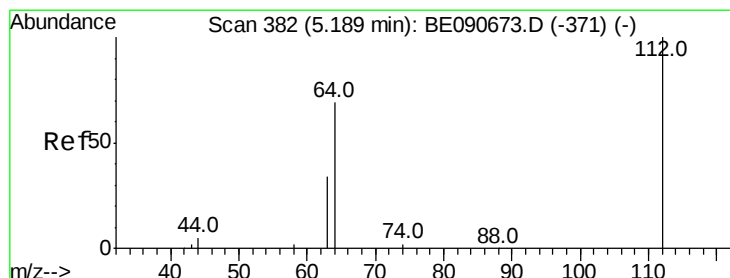
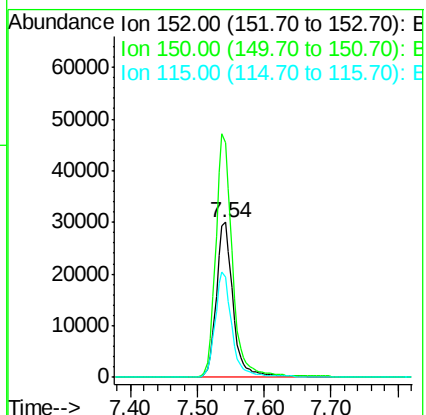
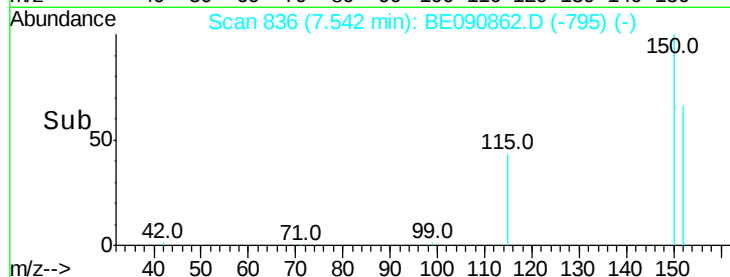
115 64.9 51.0 76.4



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: 7.48 ng

RT: 5.17 min Scan# 379

Delta R.T. -0.02 min

Lab File: BE090862.D

Acq: 17 Sep 2015 13:40

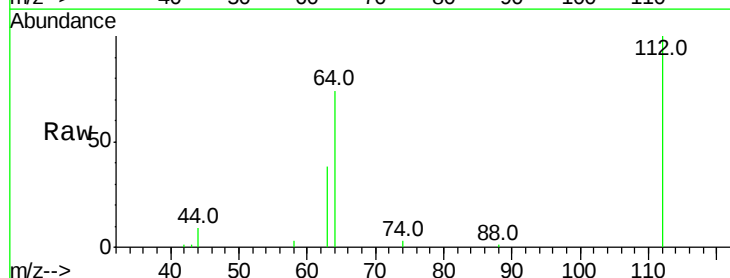
Tgt Ion:112 Resp: 75995

Ion Ratio Lower Upper

112 100

64 72.7 57.3 85.9

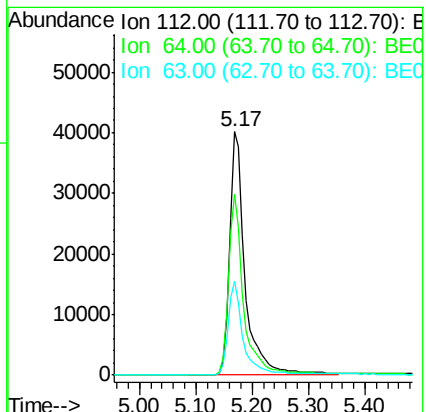
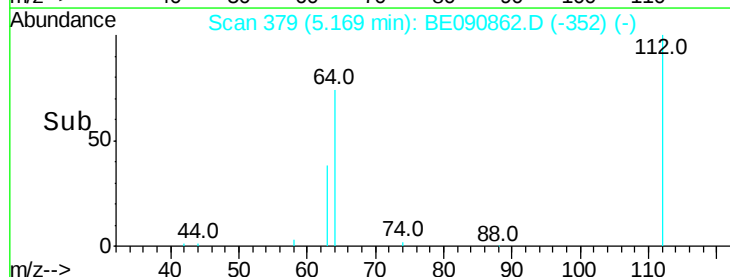
63 37.2 29.2 43.8

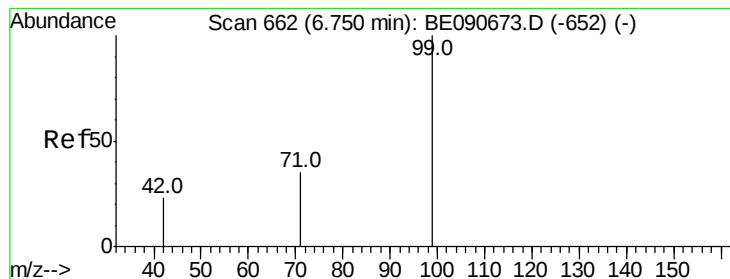


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.45 ng

RT: 6.73 min Scan# 658

Delta R.T. -0.02 min

Lab File: BE090862.D

Acq: 17 Sep 2015 13:40

Instrument :

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PB85602BL

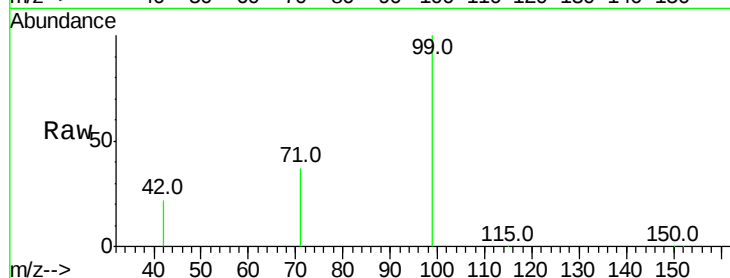
Tgt Ion: 99 Resp: 108075

Ion Ratio Lower Upper

99 100

42 21.3 16.8 25.2

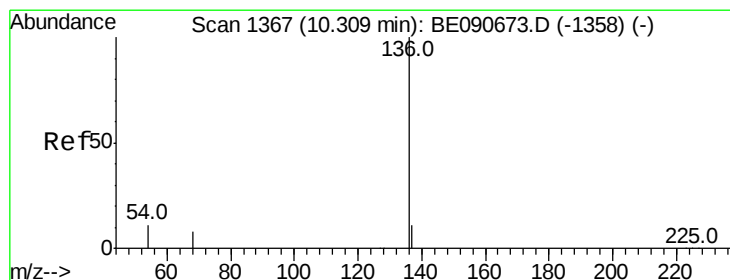
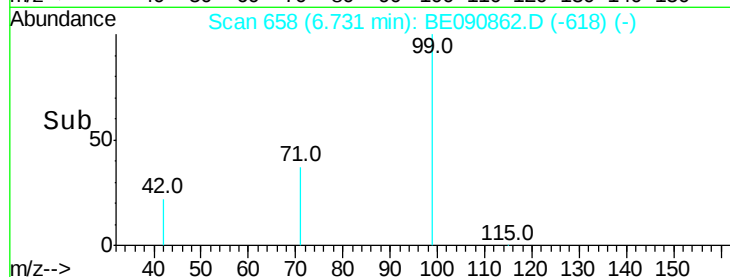
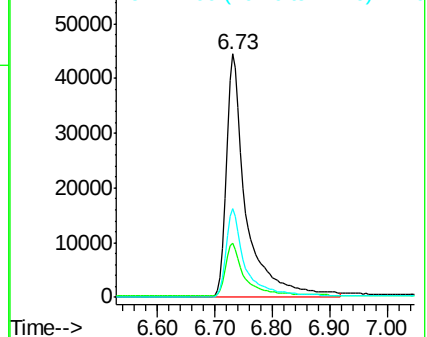
71 35.9 28.3 42.5



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: 10.29 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BE090862.D

Acq: 17 Sep 2015 13:40

Tgt Ion: 136 Resp: 243309

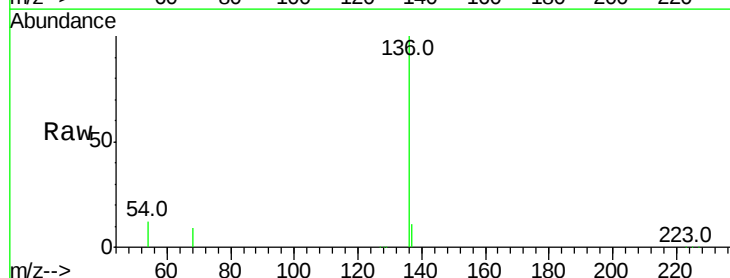
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 12.2 9.0 13.6

68 8.9 6.3 9.5

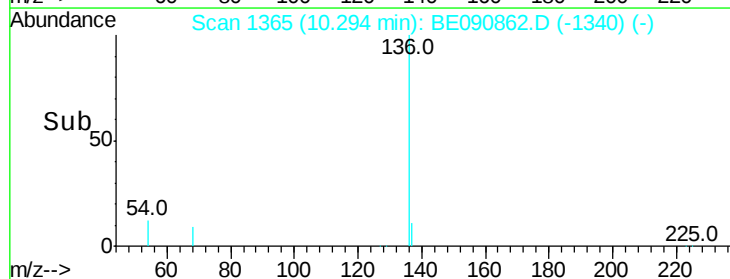
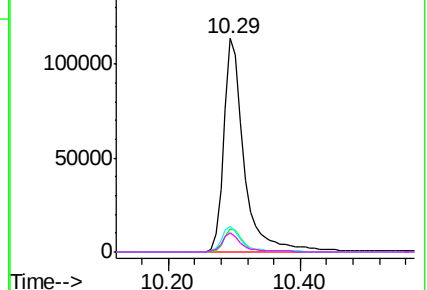


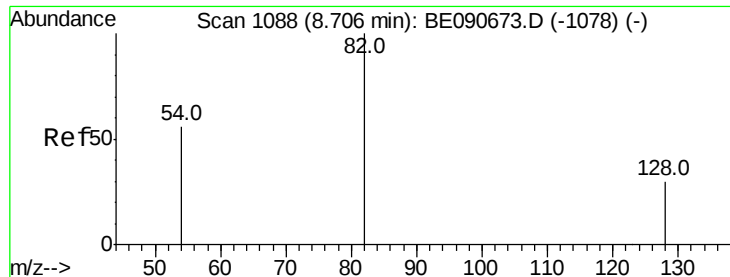
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.04 ng

RT: 8.69 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BE090862.D

Acq: 17 Sep 2015 13:40

Instrument :

BNA_E

ClientSampleId :

PB85602BL

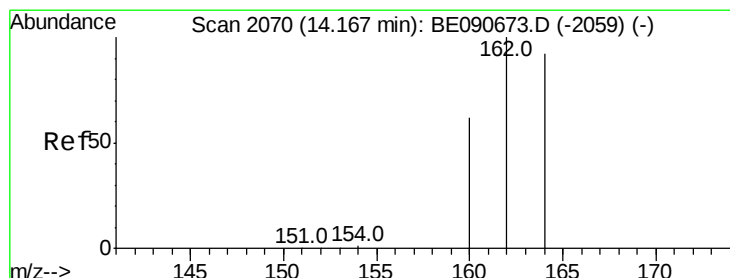
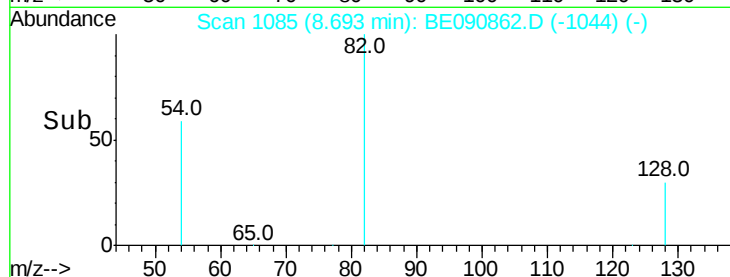
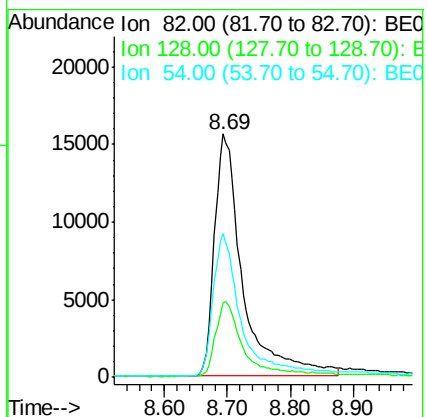
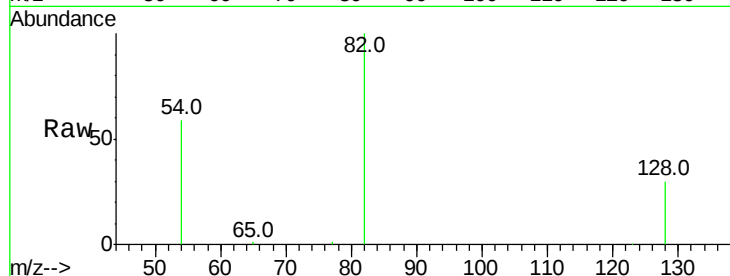
Tgt Ion: 82 Resp: 48918

Ion Ratio Lower Upper

82 100

128 30.5 25.0 37.4

54 59.3 46.3 69.5



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.16 min Scan# 2069

Delta R.T. -0.01 min

Lab File: BE090862.D

Acq: 17 Sep 2015 13:40

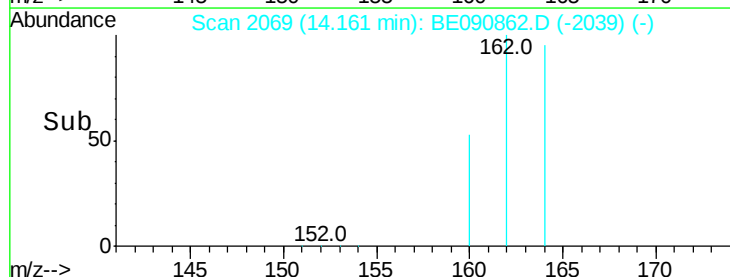
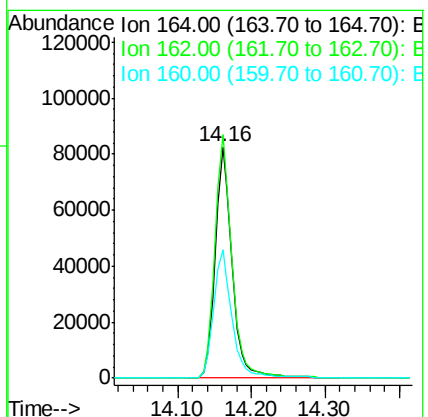
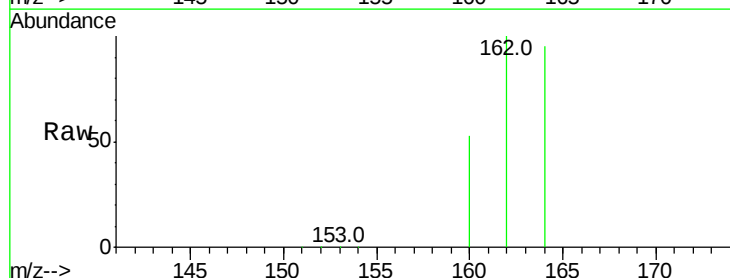
Tgt Ion: 164 Resp: 132495

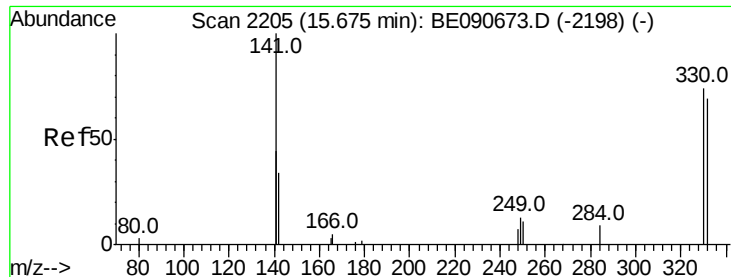
Ion Ratio Lower Upper

164 100

162 105.3 86.8 130.2

160 55.3 53.9 80.9

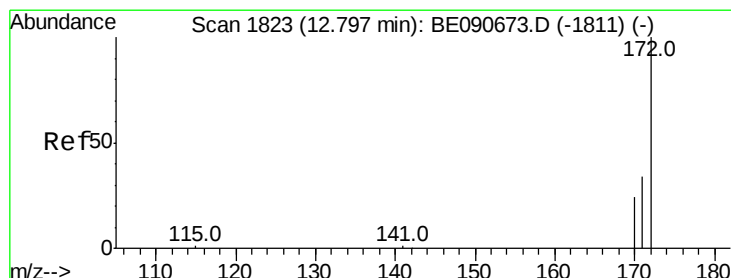
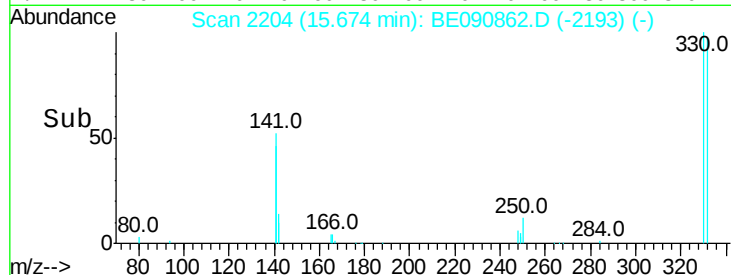
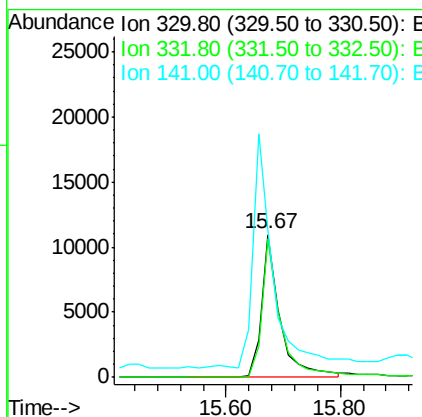
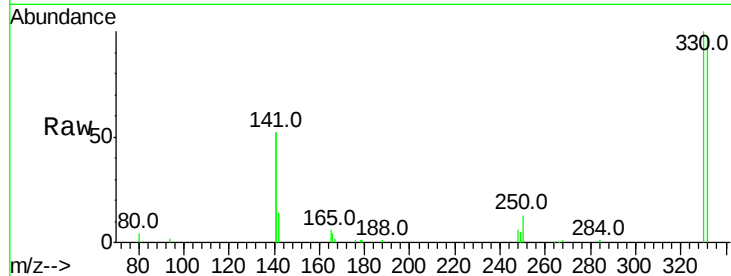




#13
 2,4,6-Tribromophenol
 Concen: 6.26 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE090862.D
 Acq: 17 Sep 2015 13:40

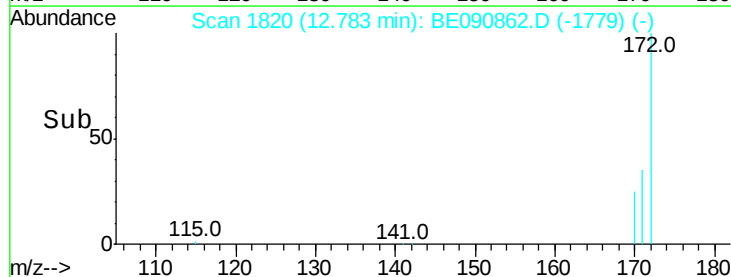
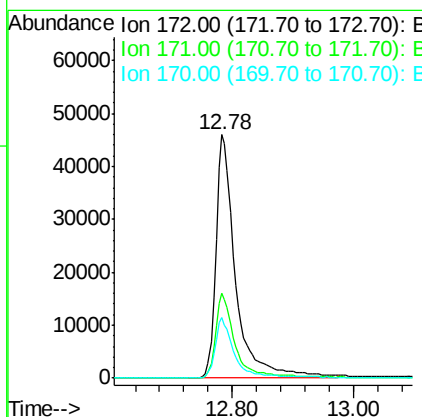
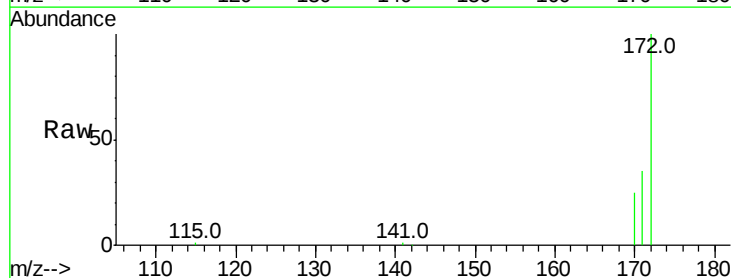
Instrument :
 BNA_E
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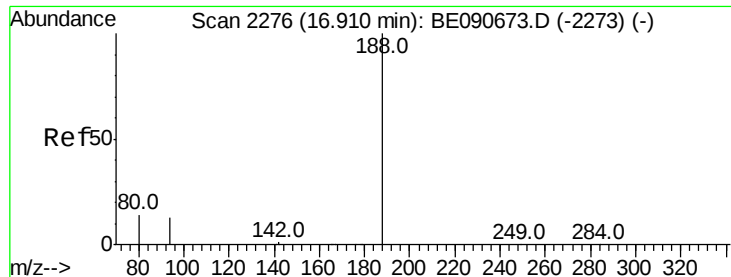
Tgt Ion:330 Resp: 24197
 Ion Ratio Lower Upper
 330 100
 332 97.4 74.9 112.3
 141 180.7 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 2.84 ng
 RT: 12.78 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BE090862.D
 Acq: 17 Sep 2015 13:40

Tgt Ion:172 Resp: 104064
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.8 41.8
 170 24.7 19.8 29.6

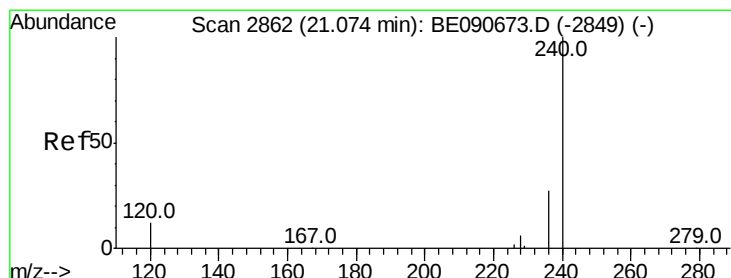
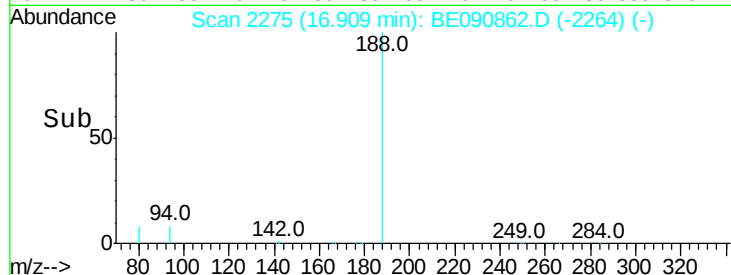
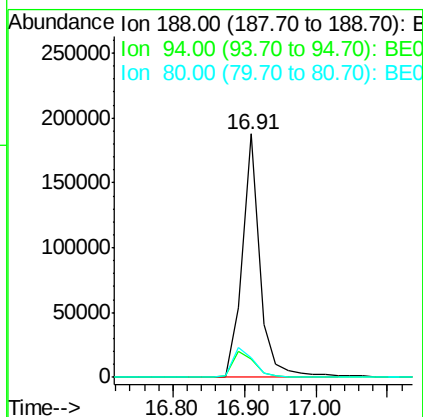
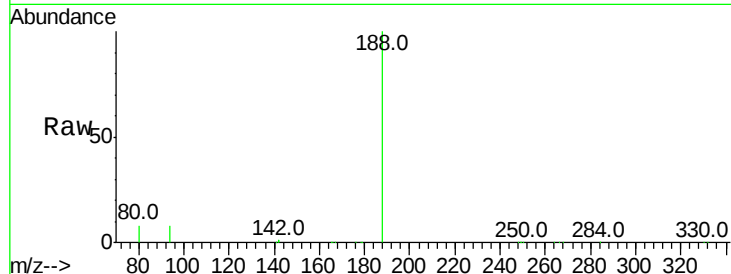




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090862.D
Acq: 17 Sep 2015 13:40

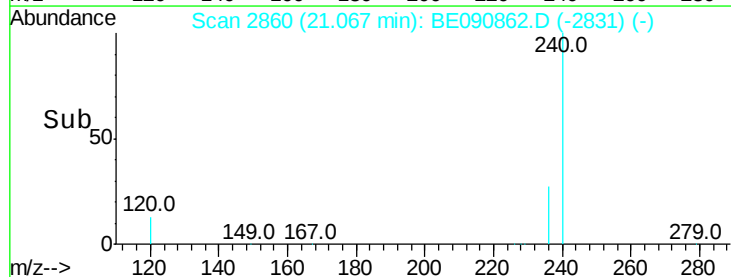
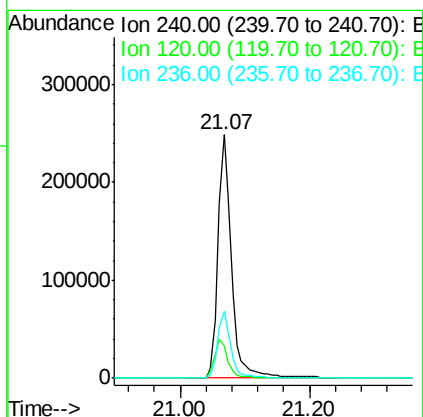
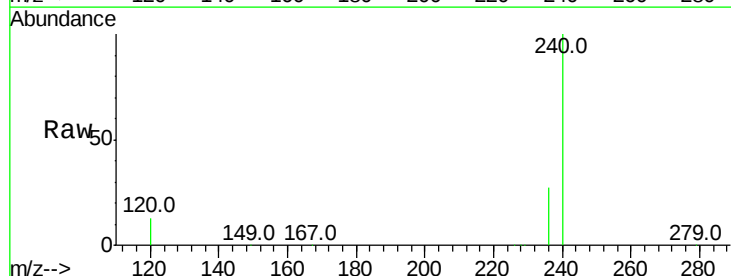
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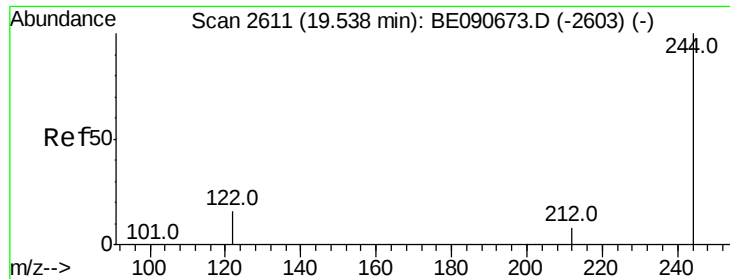
Tgt Ion:188 Resp: 321049
Ion Ratio Lower Upper
188 100
94 7.7 10.3 15.5#
80 8.1 11.0 16.6#



#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BE090862.D
Acq: 17 Sep 2015 13:40

Tgt Ion:240 Resp: 358512
Ion Ratio Lower Upper
240 100
120 13.2 10.1 15.1
236 27.3 21.9 32.9

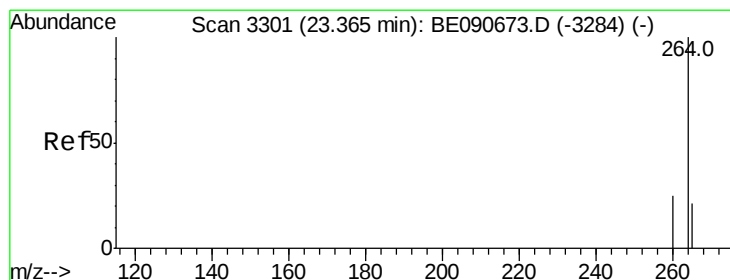
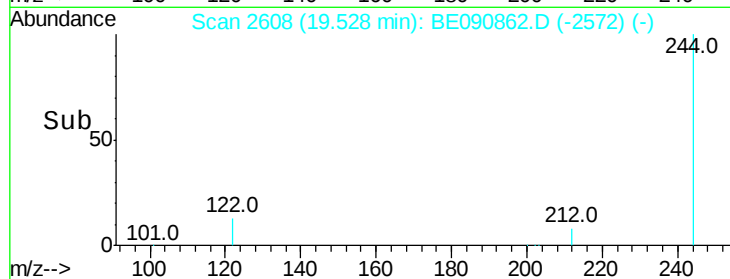
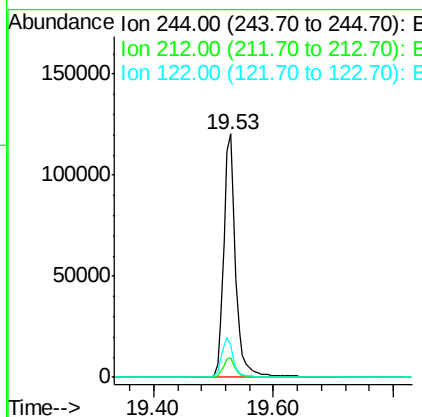
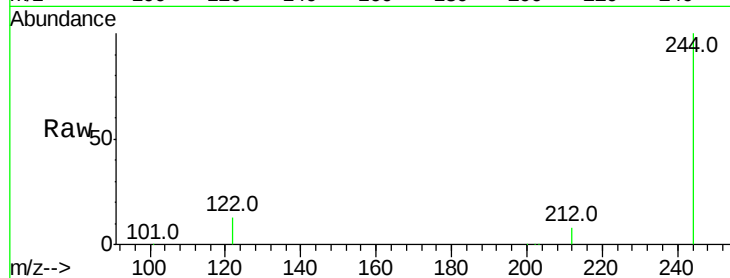




#27
 Terphenyl-d14
 Concen: 4.29 ng
 RT: 19.53 min Scan# 2608
 Delta R.T. -0.01 min
 Lab File: BE090862.D
 Acq: 17 Sep 2015 13:40

Instrument :
 BNA_E
 ClientSampleId :
 PB85602BL

Tgt Ion:244 Resp: 170147
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 13.4 12.9 19.3



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.35 min Scan# 3297
 Delta R.T. -0.01 min
 Lab File: BE090862.D
 Acq: 17 Sep 2015 13:40

Tgt Ion:264 Resp: 335174
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.7 29.5
 265 21.7 17.5 26.3

