

Data Path : Z:\HPCHEM1\BNA E\DATA\BE091615\
 Data File : BE090843.D
 Acq On : 16 Sep 2015 13:19
 Operator : UM/IZ
 Sample : PB85578BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB85578BL

Quant Time: Sep 17 01:11:48 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	39078	5.00	ng	-0.02
6) Naphthalene-d8	10.30	136	167838	5.00	ng	0.00
12) Acenaphthene-d10	14.16	164	92075	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	246850	5.00	ng	0.00
25) Chrysene-d12	21.07	240	301980	5.00	ng	0.00
32) Perylene-d12	23.35	264	288425	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.17	112	49939	6.56	ng	-0.02
5) Phenol-d6	6.73	99	67479	6.20	ng	-0.02
7) Nitrobenzene-d5	8.70	82	31644	2.85	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	11354	4.27	ng	0.00
14) 2-Fluorobiphenyl	12.79	172	69301	2.72	ng	0.00
27) Terphenyl-d14	19.53	244	128142	3.84	ng	-0.01

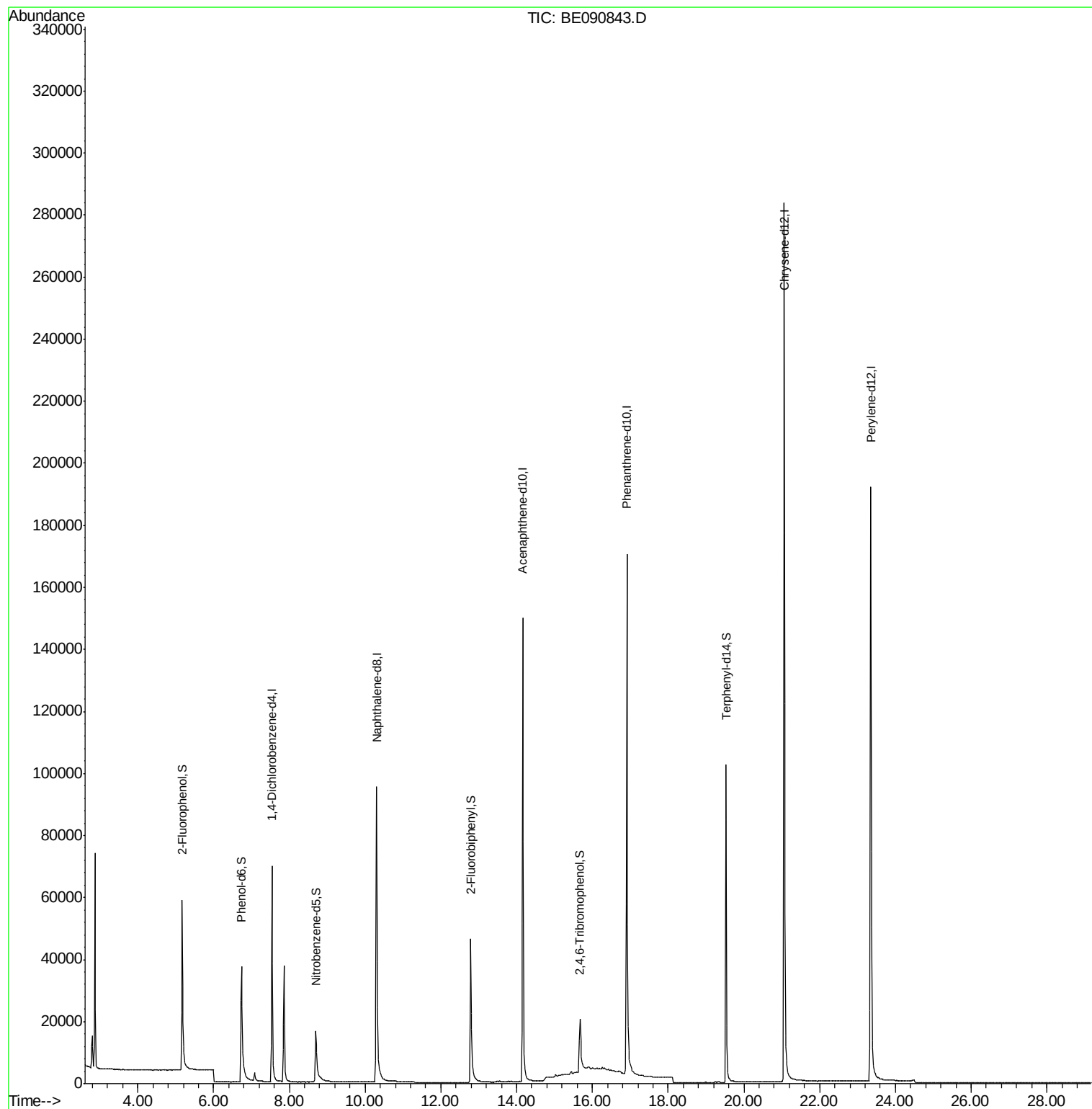
Target Compounds Qvalue

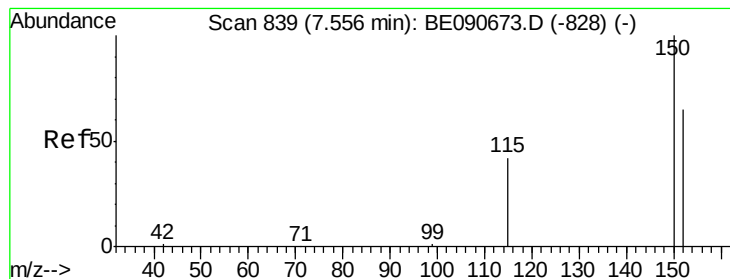
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.54 min Scan# 835

Delta R.T. -0.02 min

Lab File: BE090843.D

Acq: 16 Sep 2015 13:19

Instrument :

BNA_E

ClientSampleId :

PB85578BL

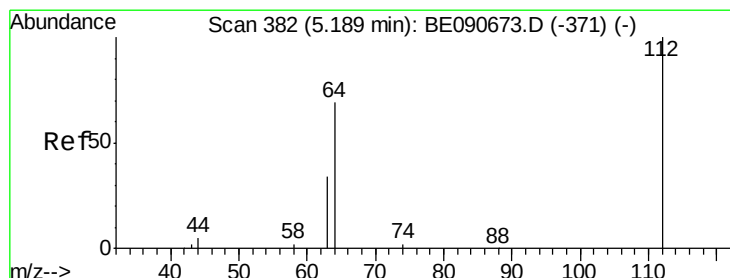
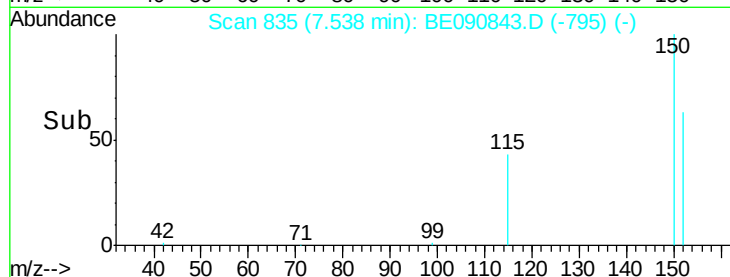
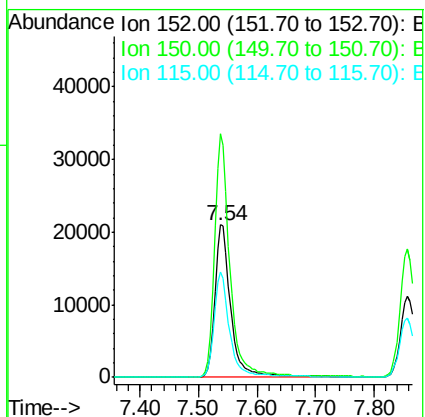
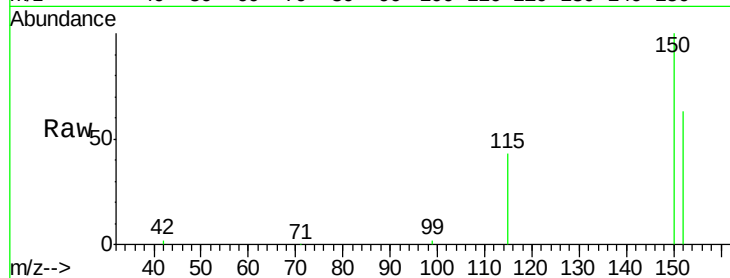
Tot Ion:152 Resp: 39078

Ion Ratio Lower Upper

152 100

150 159.6 122.2 183.4

115 69.2 51.0 76.4



#4

2-Fluorophenol

Concen: 6.56 ng

RT: 5.17 min Scan# 379

Delta R.T. -0.02 min

Lab File: BE090843.D

Acq: 16 Sep 2015 13:19

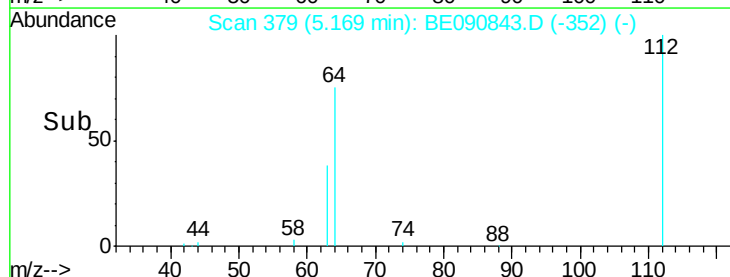
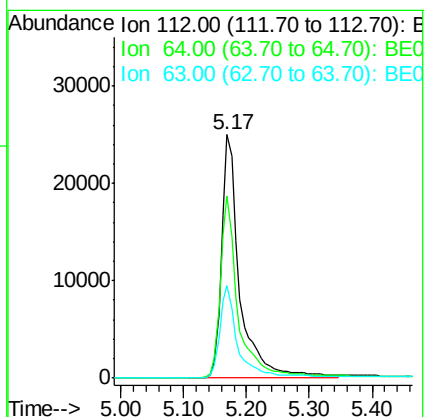
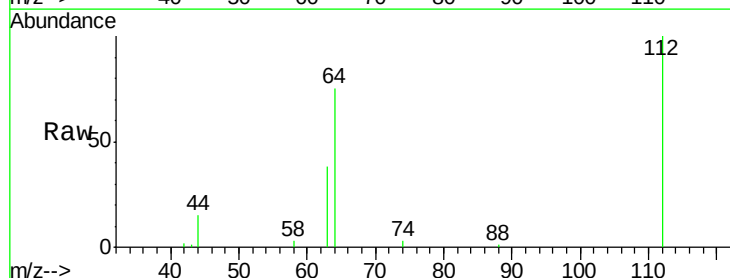
Tgt Ion:112 Resp: 49939

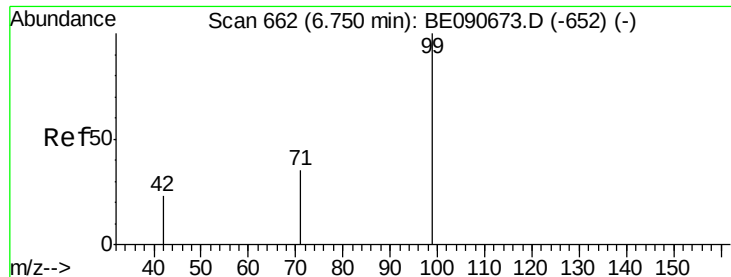
Ion Ratio Lower Upper

112 100

64 72.9 57.3 85.9

63 37.1 29.2 43.8





#5

Phenol-d6

Concen: 6.20 ng

RT: 6.73 min Scan# 658

Delta R.T. -0.02 min

Lab File: BE090843.D

Acq: 16 Sep 2015 13:19

Instrument :

BNA_E

ClientSampleId :

PB85578BL

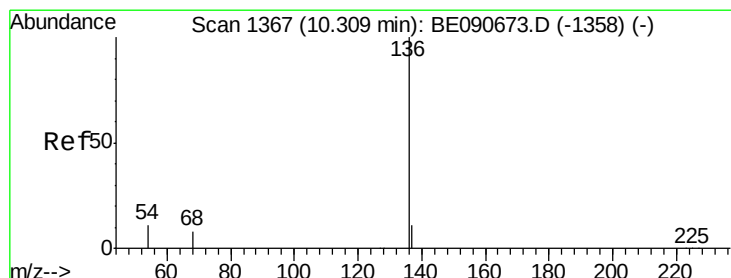
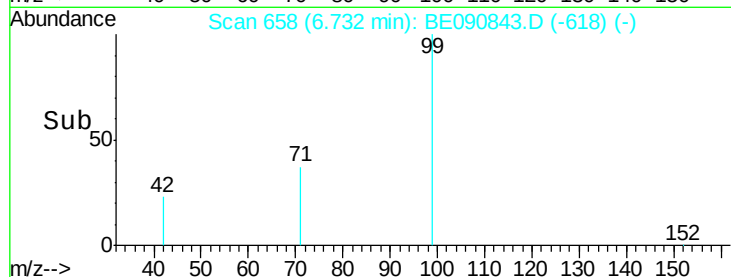
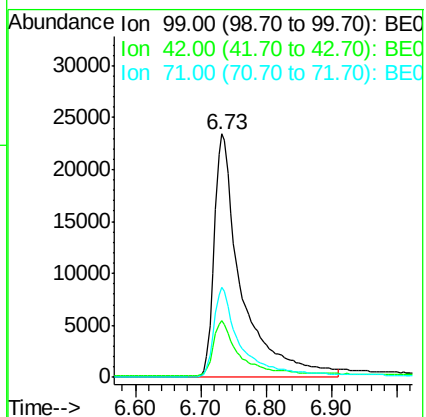
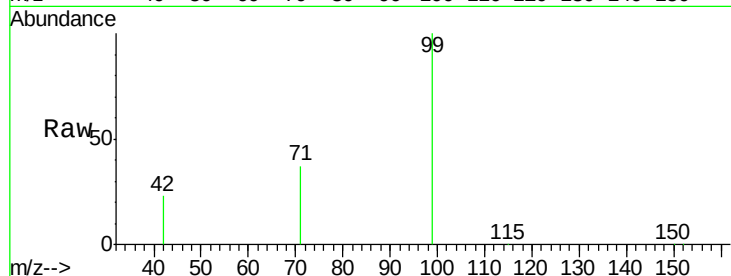
Tot Ion: 99 Resp: 67479

Ion Ratio Lower Upper

99 100

42 22.5 16.8 25.2

71 36.3 28.3 42.5



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.30 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE090843.D

Acq: 16 Sep 2015 13:19

Tgt Ion: 136 Resp: 167838

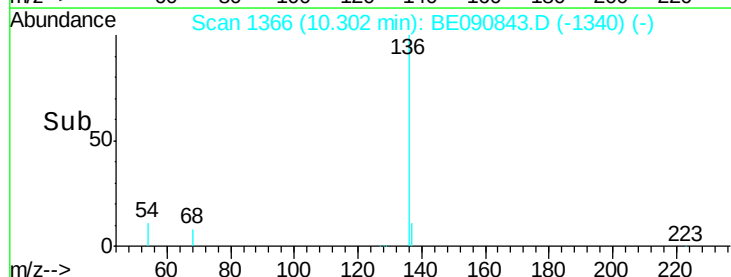
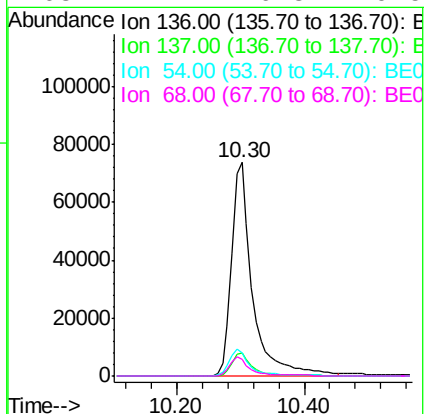
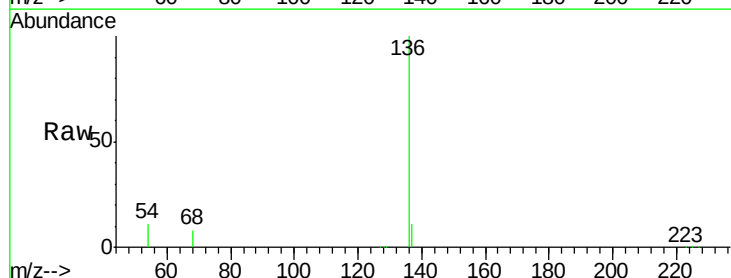
Ion Ratio Lower Upper

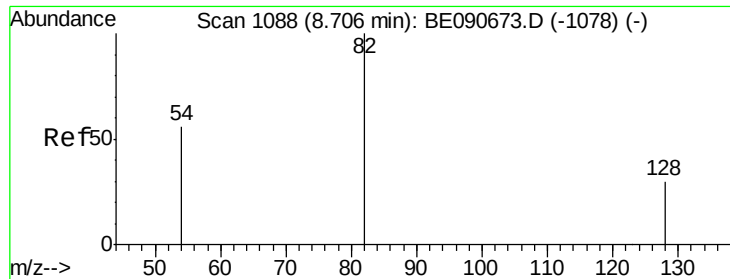
136 100

137 10.9 8.7 13.1

54 10.7 9.0 13.6

68 7.7 6.3 9.5





#7

Nitrobenzene-d5

Concen: 2.85 ng

RT: 8.70 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BE090843.D

Acq: 16 Sep 2015 13:19

Instrument :

BNA_E

ClientSampleId :

PB85578BL

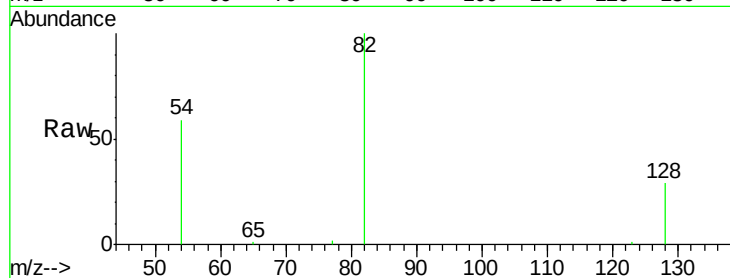
Tot Ion: 82 Resp: 31644

Ion Ratio Lower Upper

82 100

128 28.8 25.0 37.4

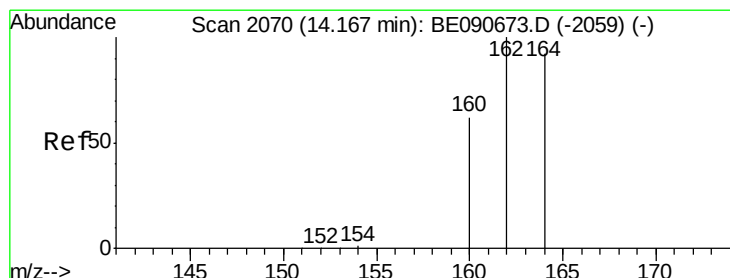
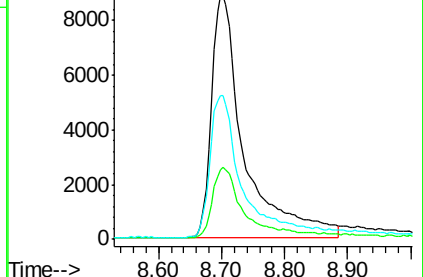
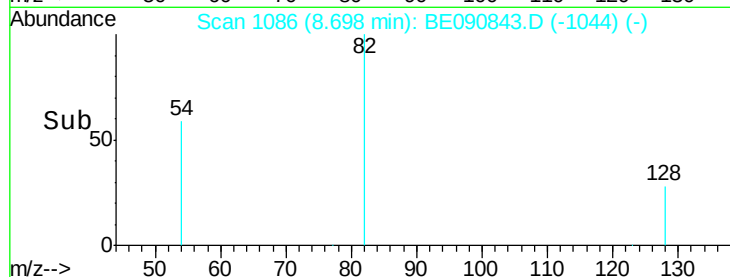
54 59.1 46.3 69.5



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.16 min Scan# 2069

Delta R.T. -0.01 min

Lab File: BE090843.D

Acq: 16 Sep 2015 13:19

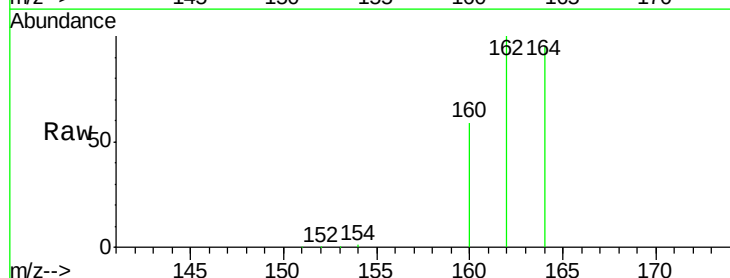
Tgt Ion: 164 Resp: 92075

Ion Ratio Lower Upper

164 100

162 105.4 86.8 130.2

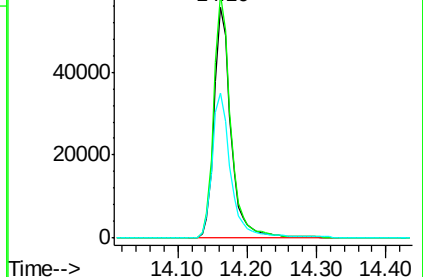
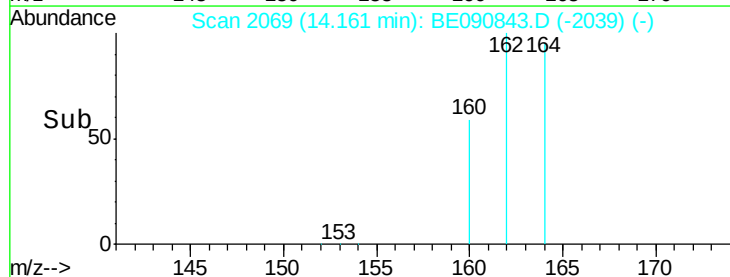
160 62.7 53.9 80.9

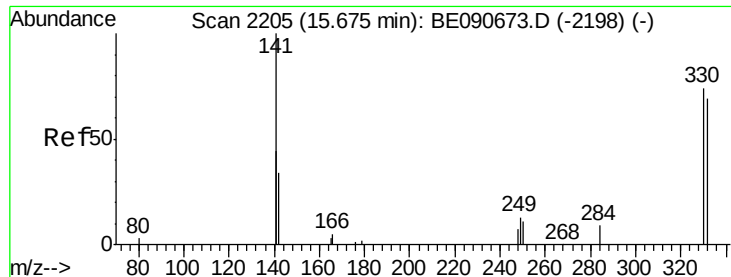


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

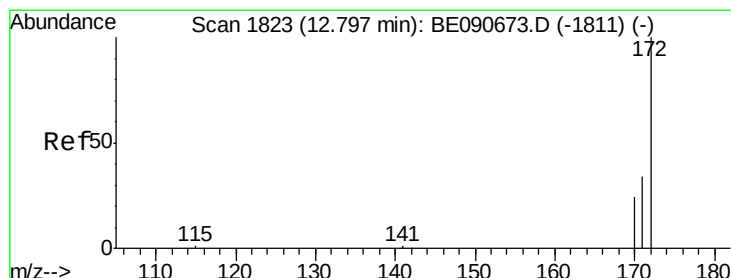
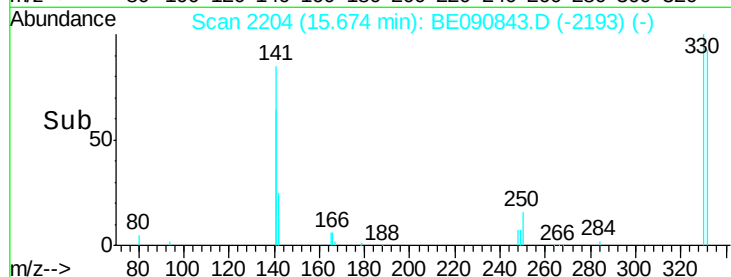
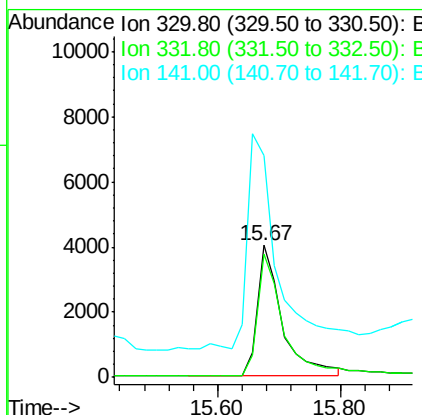
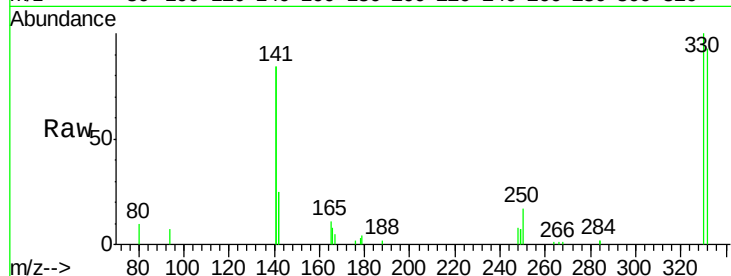




#13
 2,4,6-Tribromophenol
 Concen: 4.27 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE090843.D
 Acq: 16 Sep 2015 13:19

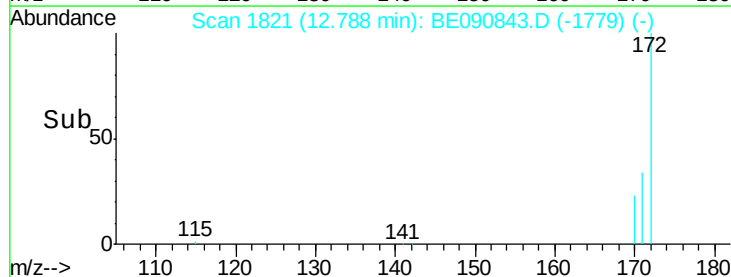
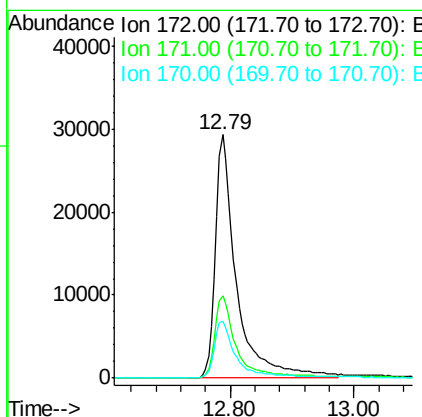
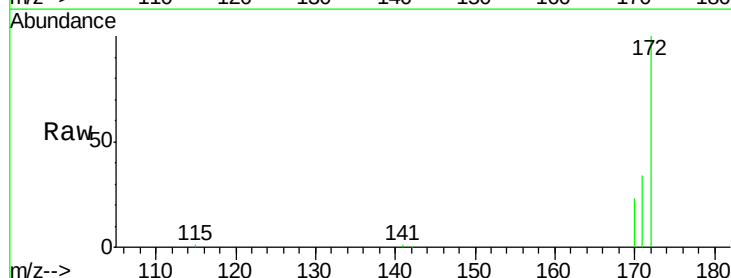
Instrument :
 BNA_E
 ClientSampleId :
 PB85578BL

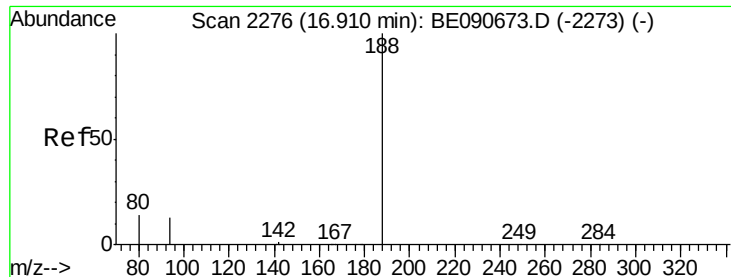
Tot Ion:330 Resp: 11354
 Ion Ratio Lower Upper
 330 100
 332 95.4 74.9 112.3
 141 205.0 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 2.72 ng
 RT: 12.79 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BE090843.D
 Acq: 16 Sep 2015 13:19

Tgt Ion:172 Resp: 69301
 Ion Ratio Lower Upper
 172 100
 171 33.9 27.8 41.8
 170 23.4 19.8 29.6

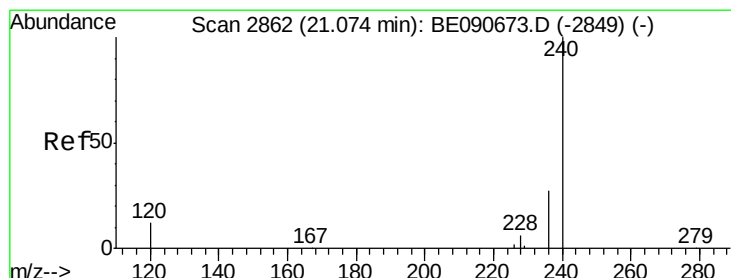
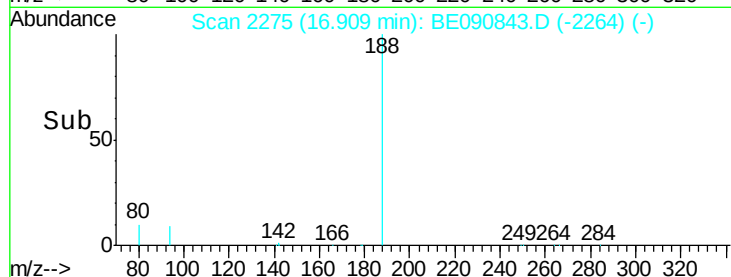
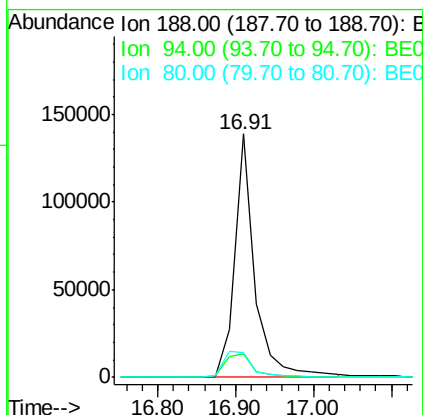
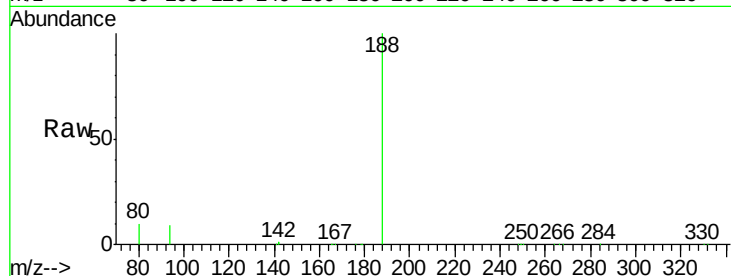




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090843.D
Acq: 16 Sep 2015 13:19

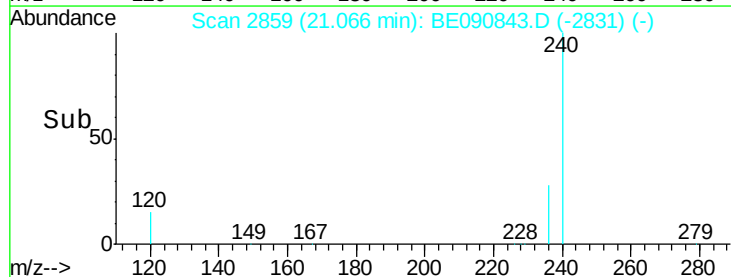
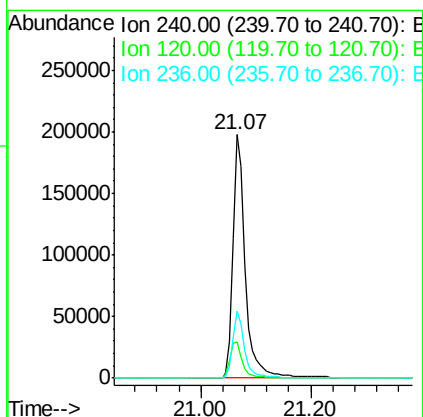
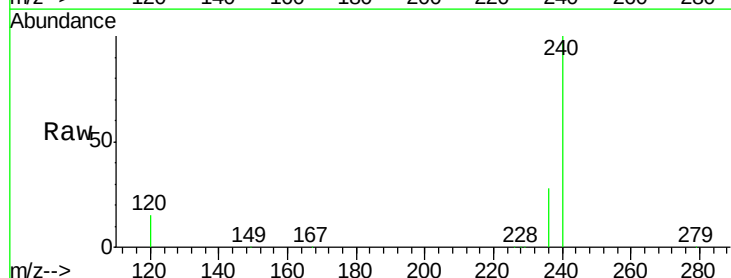
Instrument :
BNA_E
ClientSampleId :
PB85578BL

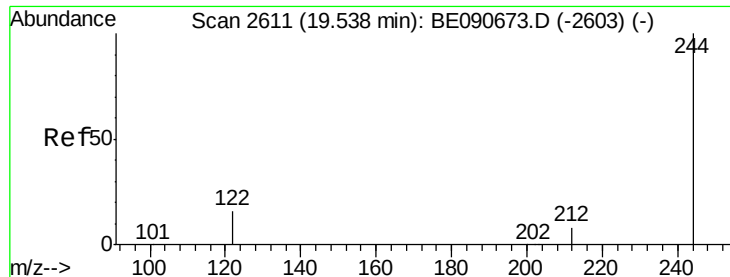
Tot Ion:188 Resp: 246850
Ion Ratio Lower Upper
188 100
94 9.5 10.3 15.5#
80 10.1 11.0 16.6#



#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BE090843.D
Acq: 16 Sep 2015 13:19

Tgt Ion:240 Resp: 301980
Ion Ratio Lower Upper
240 100
120 15.1 10.1 15.1
236 27.7 21.9 32.9

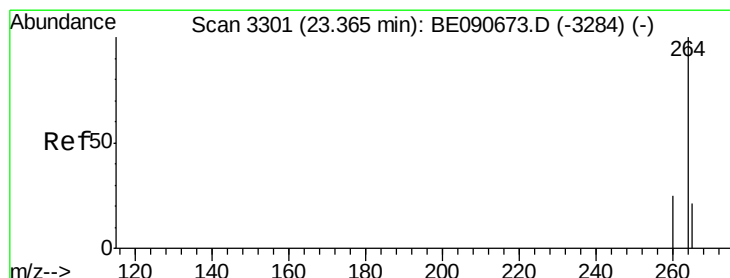
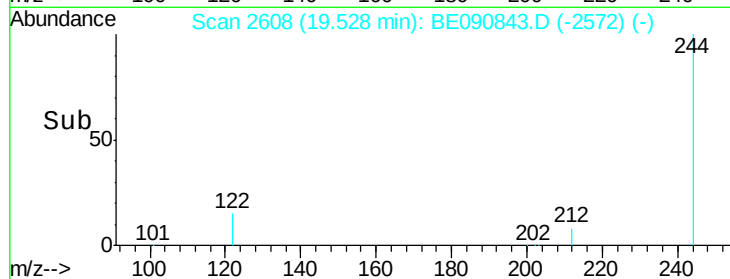
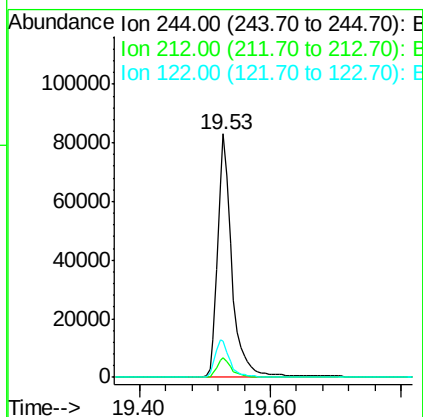
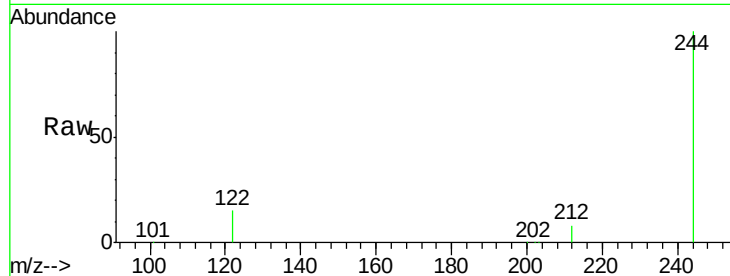




#27
 Terphenyl-d14
 Concen: 3.84 ng
 RT: 19.53 min Scan# 2608
 Delta R.T. -0.01 min
 Lab File: BE090843.D
 Acq: 16 Sep 2015 13:19

Instrument :
 BNA_E
 ClientSampleID :
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Tot Ion:244 Resp: 128142
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 14.7 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: BE090843.D
 Acq: 16 Sep 2015 13:19

Tgt Ion:264 Resp: 288425
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.7 29.5
 265 21.7 17.5 26.3

