

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091815\
 Data File : BE090899.D
 Acq On : 19 Sep 2015 6:54
 Operator : UM/IZ
 Sample : G3722-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091615-W004-F-U-M

Quant Time: Sep 21 02:47:12 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE091815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 18 18:17:34 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	26798	5.00	ng	0.00
7) Naphthalene-d8	10.31	136	113286	5.00	ng	0.00
13) Acenaphthene-d10	14.17	164	59843	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	143670	5.00	ng	0.00
26) Chrysene-d12	21.07	240	197485	5.00	ng	0.00
33) Perylene-d12	23.35	264	195723	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	20245	3.35	ng	0.00
5) Phenol-d6	6.75	99	14248	1.71	ng	0.00
8) Nitrobenzene-d5	8.71	82	32291	4.14	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	18597	8.80	ng	-0.02
15) 2-Fluorobiphenyl	12.79	172	70165	4.14	ng	0.00
28) Terphenyl-d14	19.53	244	129353	5.80	ng	0.00

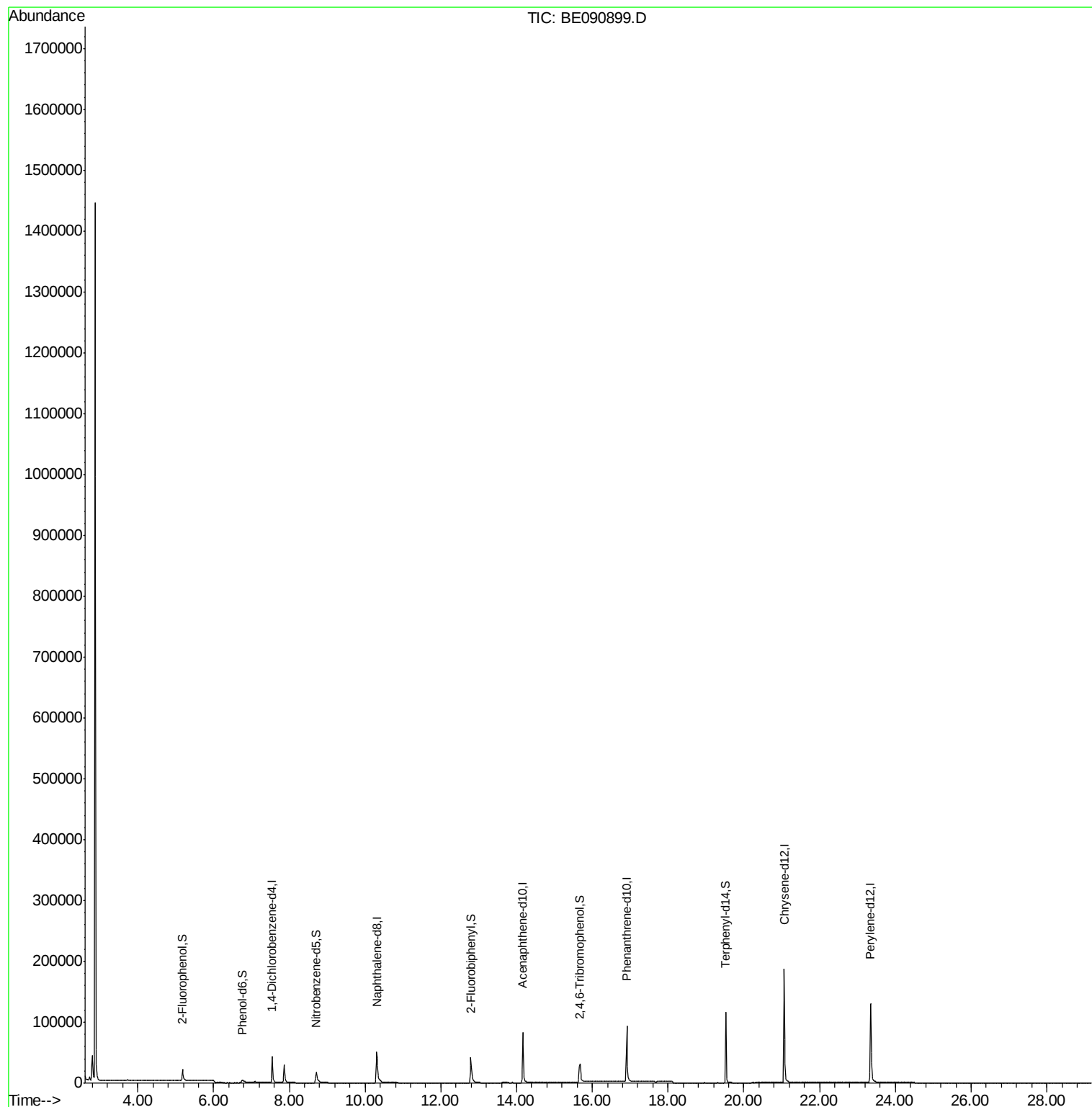
Target Compounds	Qvalue
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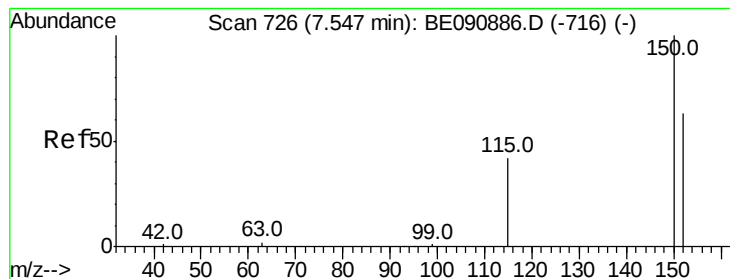
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 726

Delta R.T. -0.00 min

Lab File: BE090899.D

Acq: 19 Sep 2015 6:54

Instrument :

BNA_E

ClientSampleId :

091615-W004-F-U-M

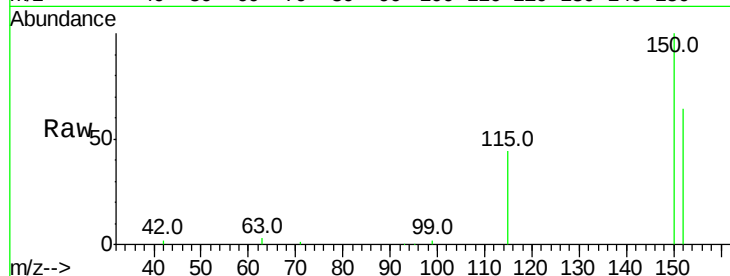
Tgt Ion:152 Resp: 26798

Ion Ratio Lower Upper

152 100

150 155.2 122.2 183.4

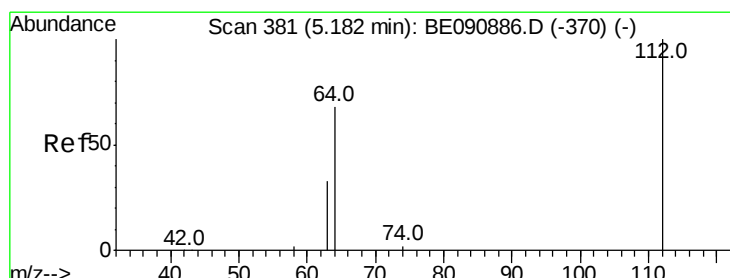
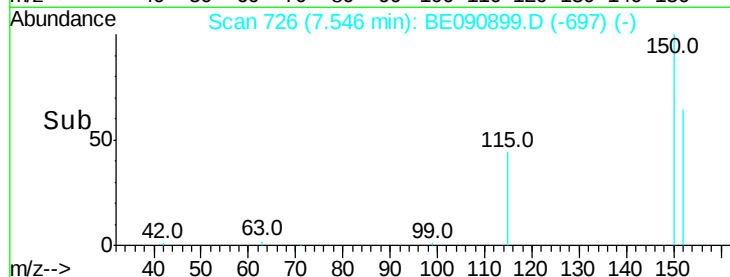
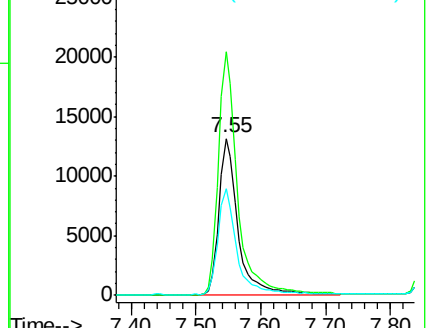
115 68.3 51.0 76.4



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: 3.35 ng

RT: 5.18 min Scan# 380

Delta R.T. -0.01 min

Lab File: BE090899.D

Acq: 19 Sep 2015 6:54

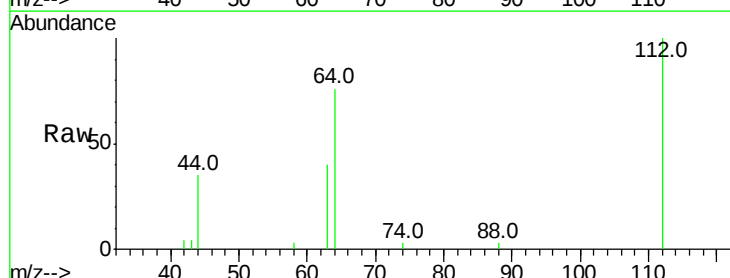
Tgt Ion:112 Resp: 20245

Ion Ratio Lower Upper

112 100

64 72.7 57.3 85.9

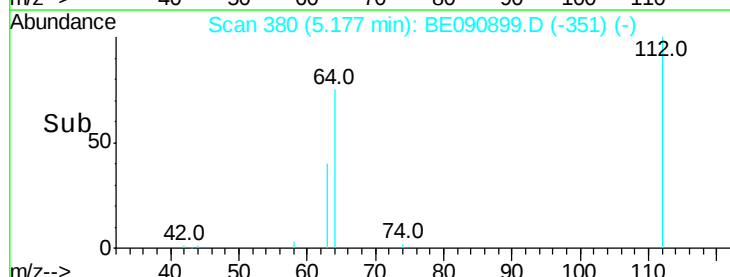
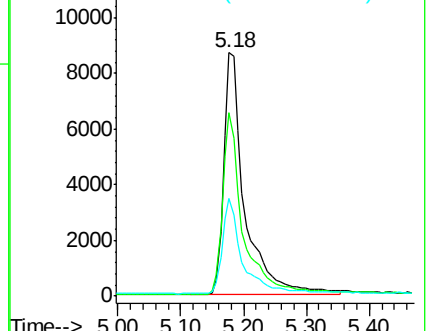
63 37.3 29.2 43.8

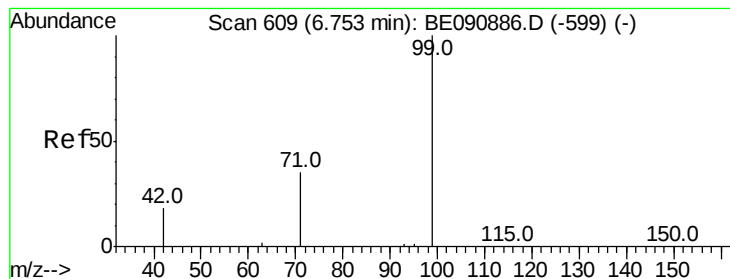


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.71 ng

RT: 6.75 min Scan# 609

Delta R.T. -0.00 min

Lab File: BE090899.D

Acq: 19 Sep 2015 6:54

Instrument :

BNA_E

ClientSampleId :

091615-W004-F-U-M

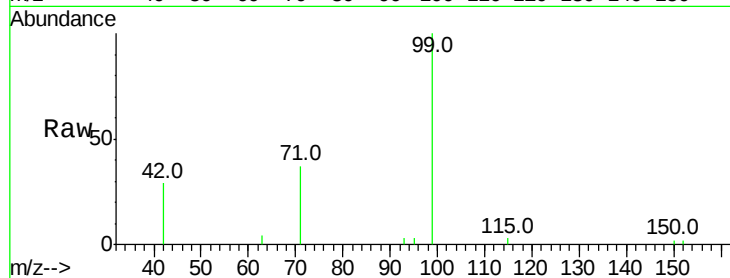
Tgt Ion: 99 Resp: 14248

Ion Ratio Lower Upper

99 100

42 20.9 16.8 25.2

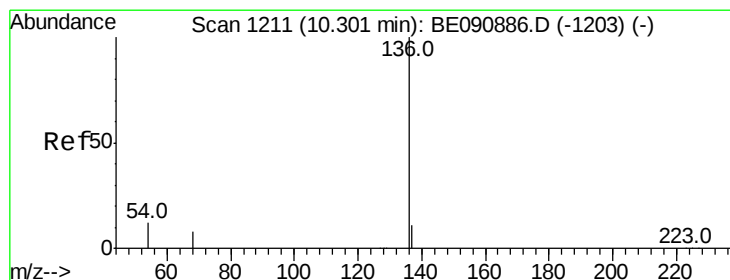
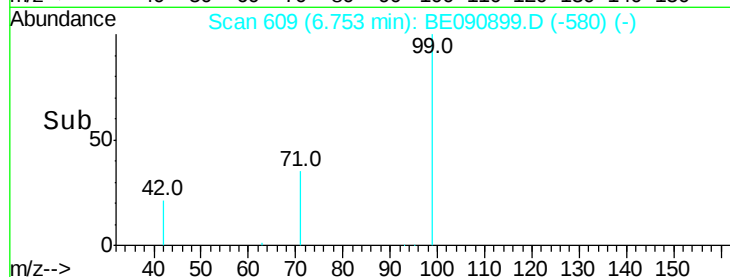
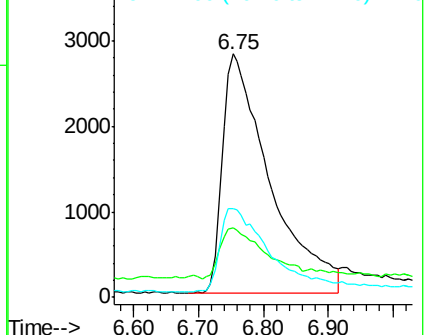
71 36.7 28.3 42.5



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



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1213

Delta R.T. 0.01 min

Lab File: BE090899.D

Acq: 19 Sep 2015 6:54

Tgt Ion: 136 Resp: 113286

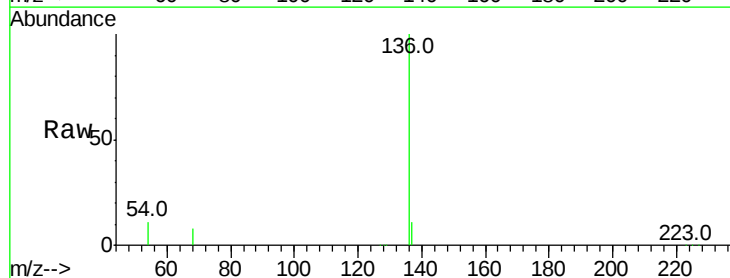
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 11.3 9.0 13.6

68 8.2 6.3 9.5

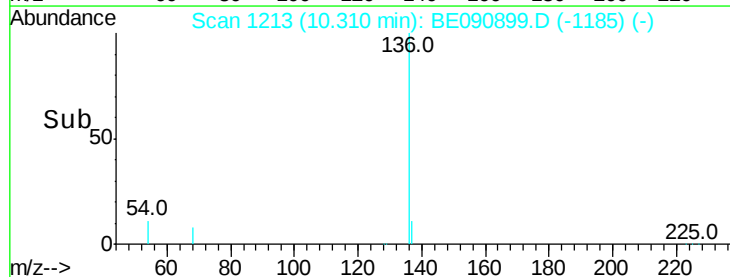
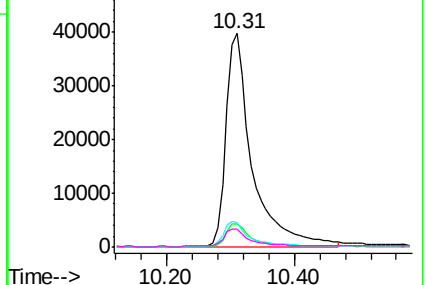


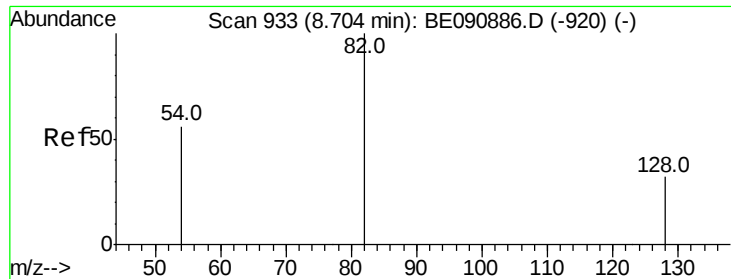
Abundance Ion 136.00 (135.70 to 136.70): E

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

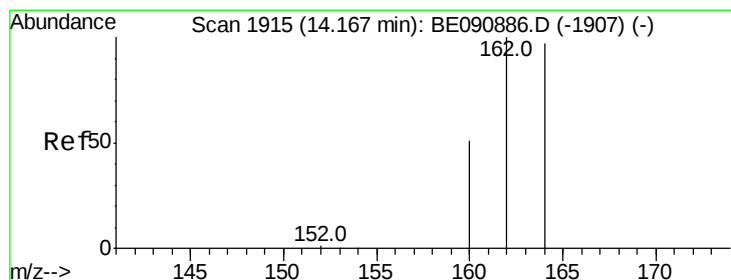
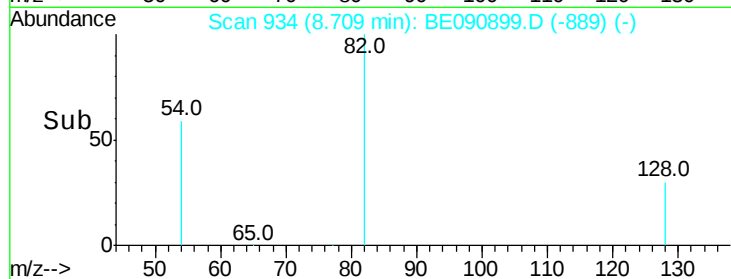
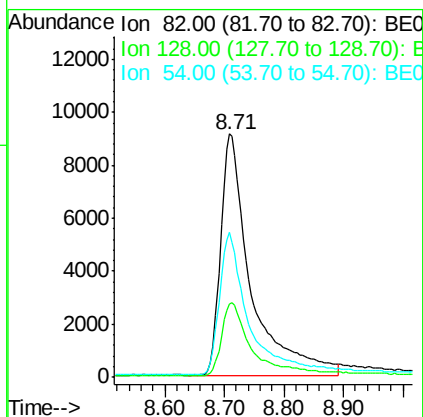
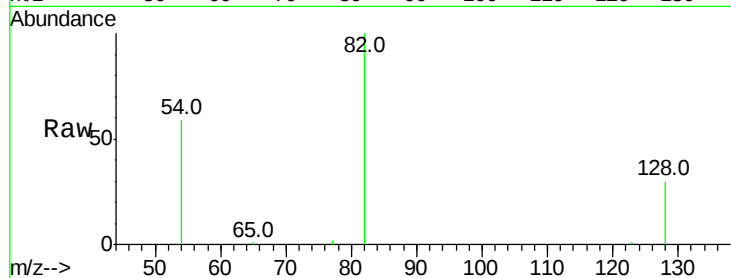




#8
 Nitrobenzene-d5
 Concen: 4.14 ng
 RT: 8.71 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BE090899.D
 Acq: 19 Sep 2015 6:54

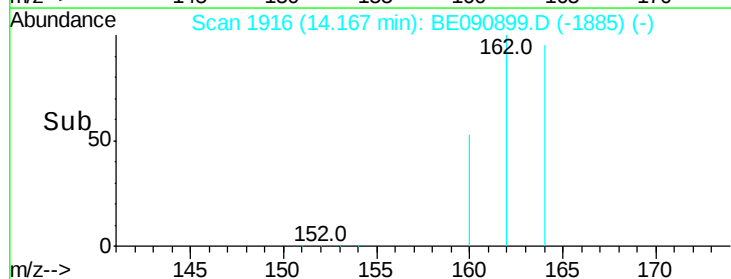
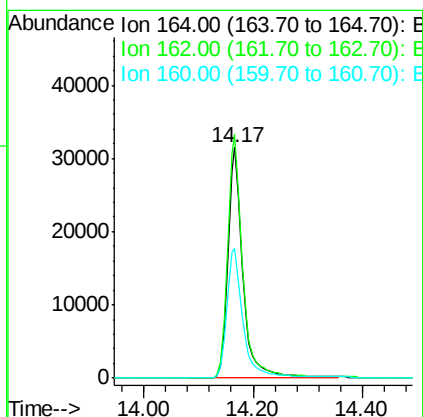
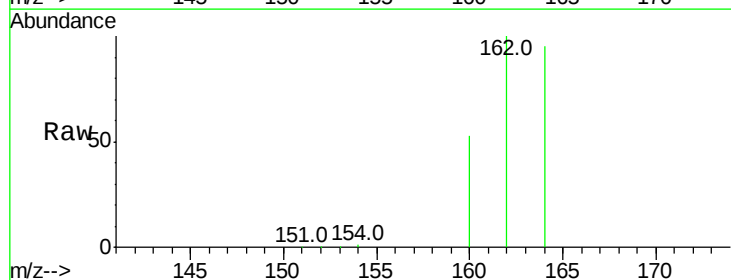
Instrument :
 BNA_E
 ClientSampleId :
 091615-W004-F-U-M

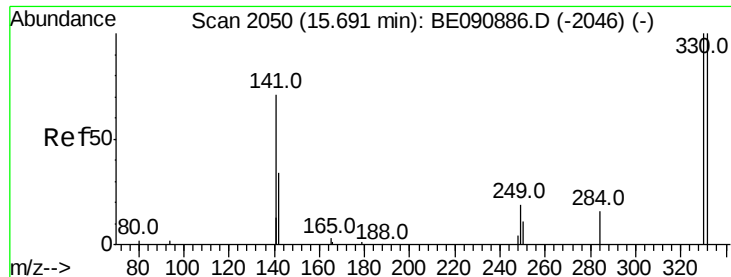
Tgt Ion: 82 Resp: 32291
 Ion Ratio Lower Upper
 82 100
 128 30.1 25.0 37.4
 54 59.3 46.3 69.5



#13
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.17 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: BE090899.D
 Acq: 19 Sep 2015 6:54

Tgt Ion: 164 Resp: 59843
 Ion Ratio Lower Upper
 164 100
 162 105.7 86.8 130.2
 160 56.2 53.9 80.9

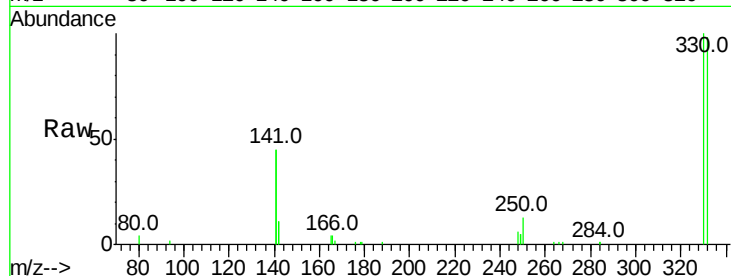




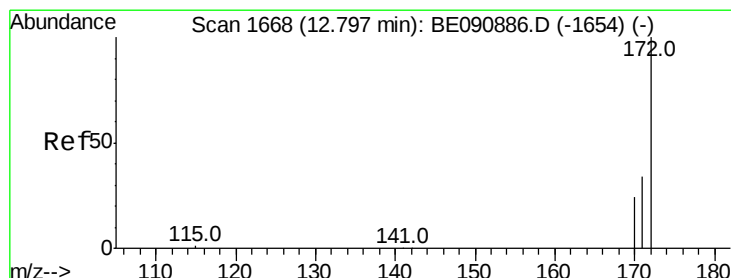
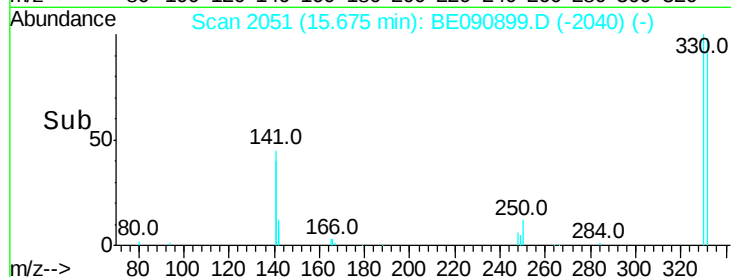
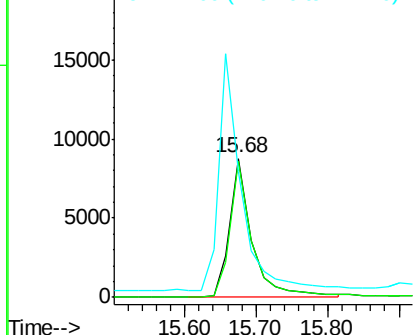
#14
 2,4,6-Tribromophenol
 Concen: 8.80 ng
 RT: 15.68 min Scan# 2051
 Delta R.T. -0.02 min
 Lab File: BE090899.D
 Acq: 19 Sep 2015 6:54

Instrument :
 BNA_E
 ClientSampleId :
 091615-W004-F-U-M

Tgt Ion: 330 Resp: 18597
 Ion Ratio Lower Upper
 330 100
 332 96.7 74.9 112.3
 141 177.5 145.2 217.8

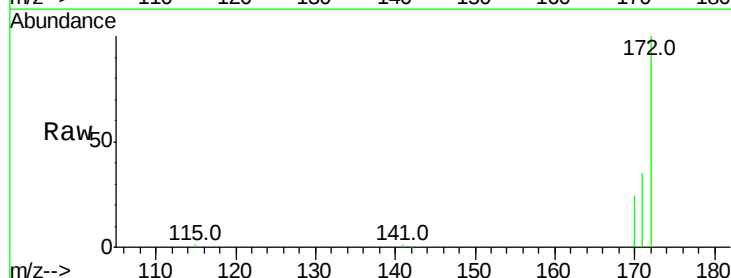


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

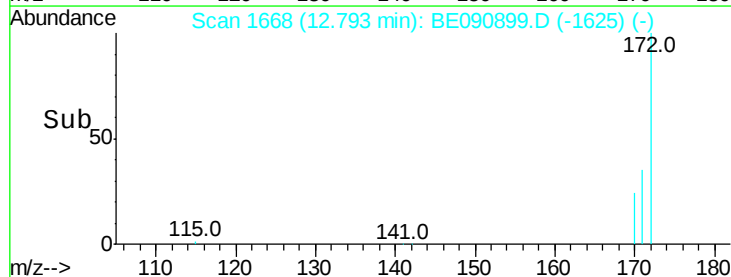
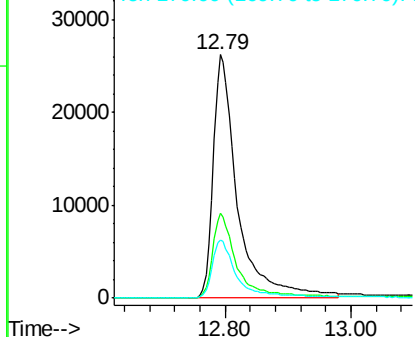


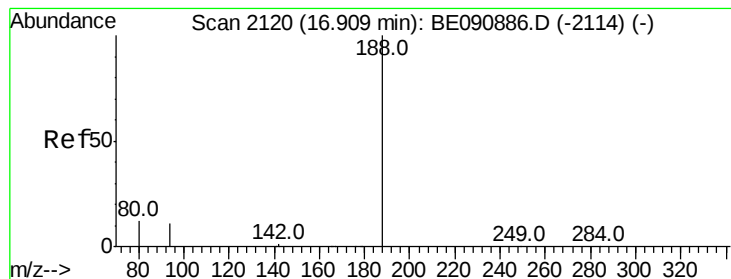
#15
 2-Fluorobiphenyl
 Concen: 4.14 ng
 RT: 12.79 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BE090899.D
 Acq: 19 Sep 2015 6:54

Tgt Ion: 172 Resp: 70165
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.8 41.8
 170 23.9 19.8 29.6



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





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BE090899.D

Acq: 19 Sep 2015 6:54

Instrument :

BNA_E

ClientSampleId :

091615-W004-F-U-M

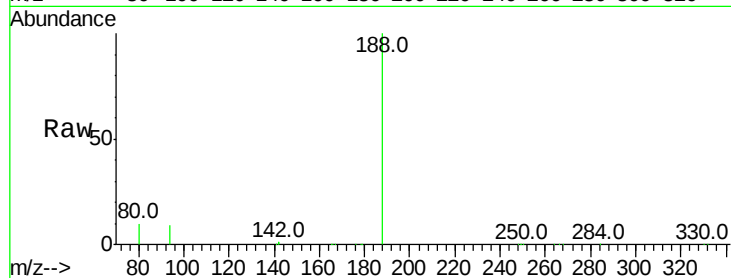
Tgt Ion:188 Resp: 143670

Ion Ratio Lower Upper

188 100

94 8.7 10.3 15.5#

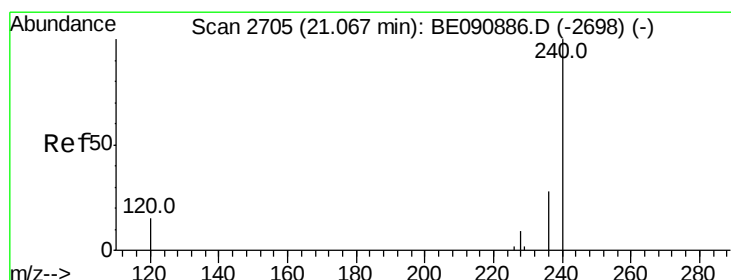
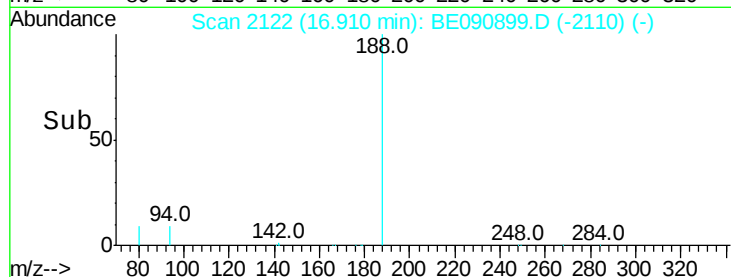
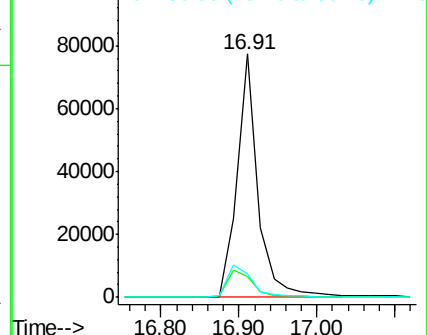
80 9.6 11.0 16.6#



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2707

Delta R.T. -0.00 min

Lab File: BE090899.D

Acq: 19 Sep 2015 6:54

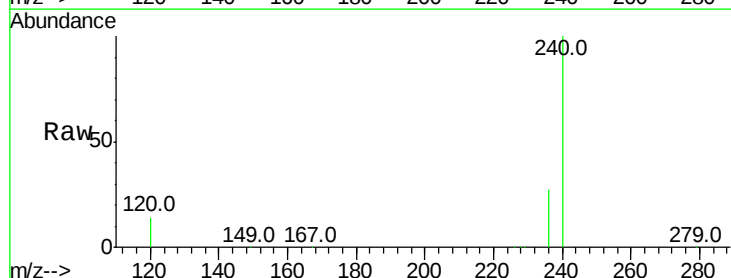
Tgt Ion:240 Resp: 197485

Ion Ratio Lower Upper

240 100

120 14.1 10.1 15.1

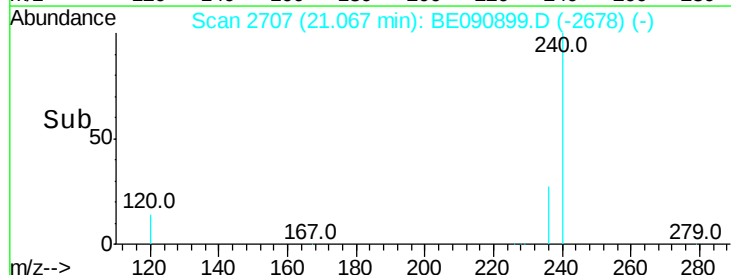
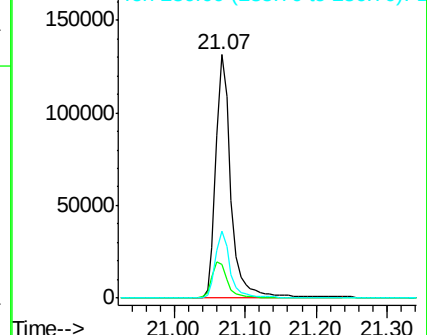
236 27.4 21.9 32.9

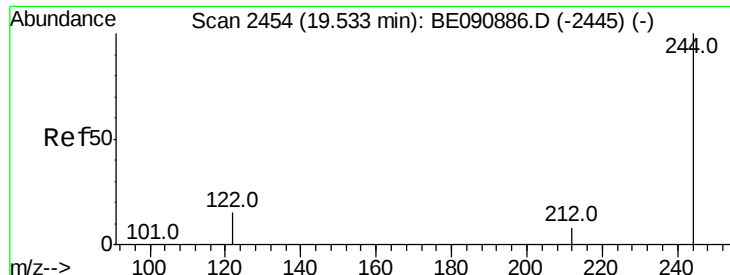


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Terphenyl-d14

Concen: 5.80 ng

RT: 19.53 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BE090899.D

Acq: 19 Sep 2015 6:54

Instrument :

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ClientSampleId :

091615-W004-F-U-M

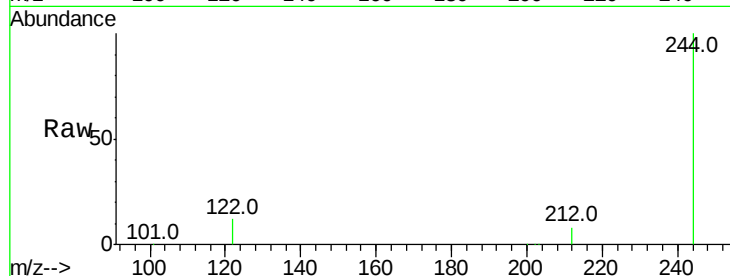
Tgt Ion:244 Resp: 129353

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

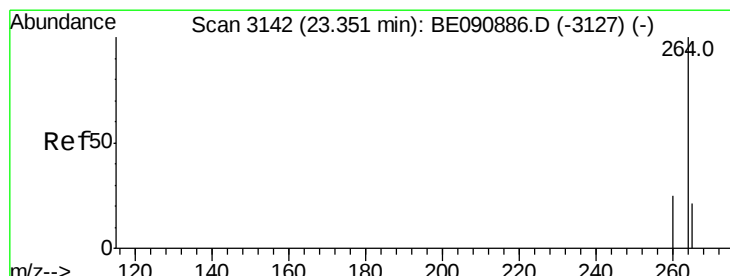
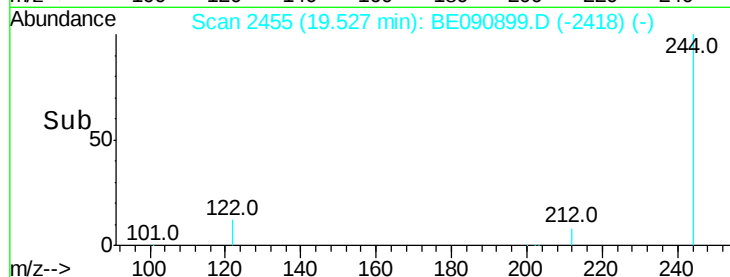
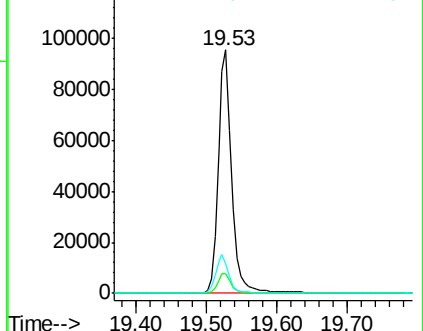
122 12.4 12.9 19.3#



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



#33

Perylene-d12

Concen: 5.00 ng

RT: 23.35 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BE090899.D

Acq: 19 Sep 2015 6:54

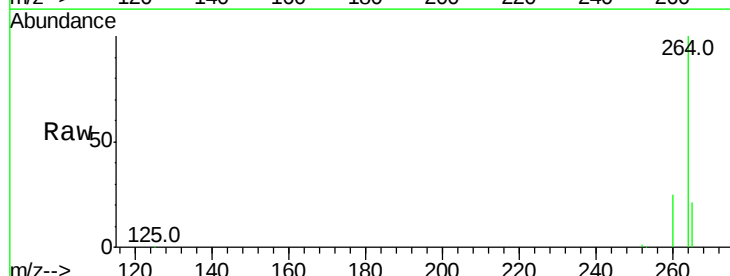
Tgt Ion:264 Resp: 195723

Ion Ratio Lower Upper

264 100

260 25.5 19.7 29.5

265 21.4 17.5 26.3



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

