

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091815\
 Data File : BE090898.D
 Acq On : 19 Sep 2015 6:18
 Operator : UM/IZ
 Sample : G3700-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091515-P004-E-U-S

Quant Time: Sep 19 06:59:39 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE091815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 19 03:48:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	27170	5.00	ng	0.00
7) Naphthalene-d8	10.31	136	115006	5.00	ng	0.00
13) Acenaphthene-d10	14.17	164	60760	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	145708	5.00	ng	0.00
26) Chrysene-d12	21.07	240	204879	5.00	ng	0.00
33) Perylene-d12	23.35	264	201354	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	25438	4.16	ng	0.00
5) Phenol-d6	6.75	99	18962	2.24	ng	0.00
8) Nitrobenzene-d5	8.71	82	32212	4.06	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	16841	7.85	ng	0.00
15) 2-Fluorobiphenyl	12.80	172	70398	4.09	ng	0.00
28) Terphenyl-d14	19.53	244	124750	5.39	ng	0.00

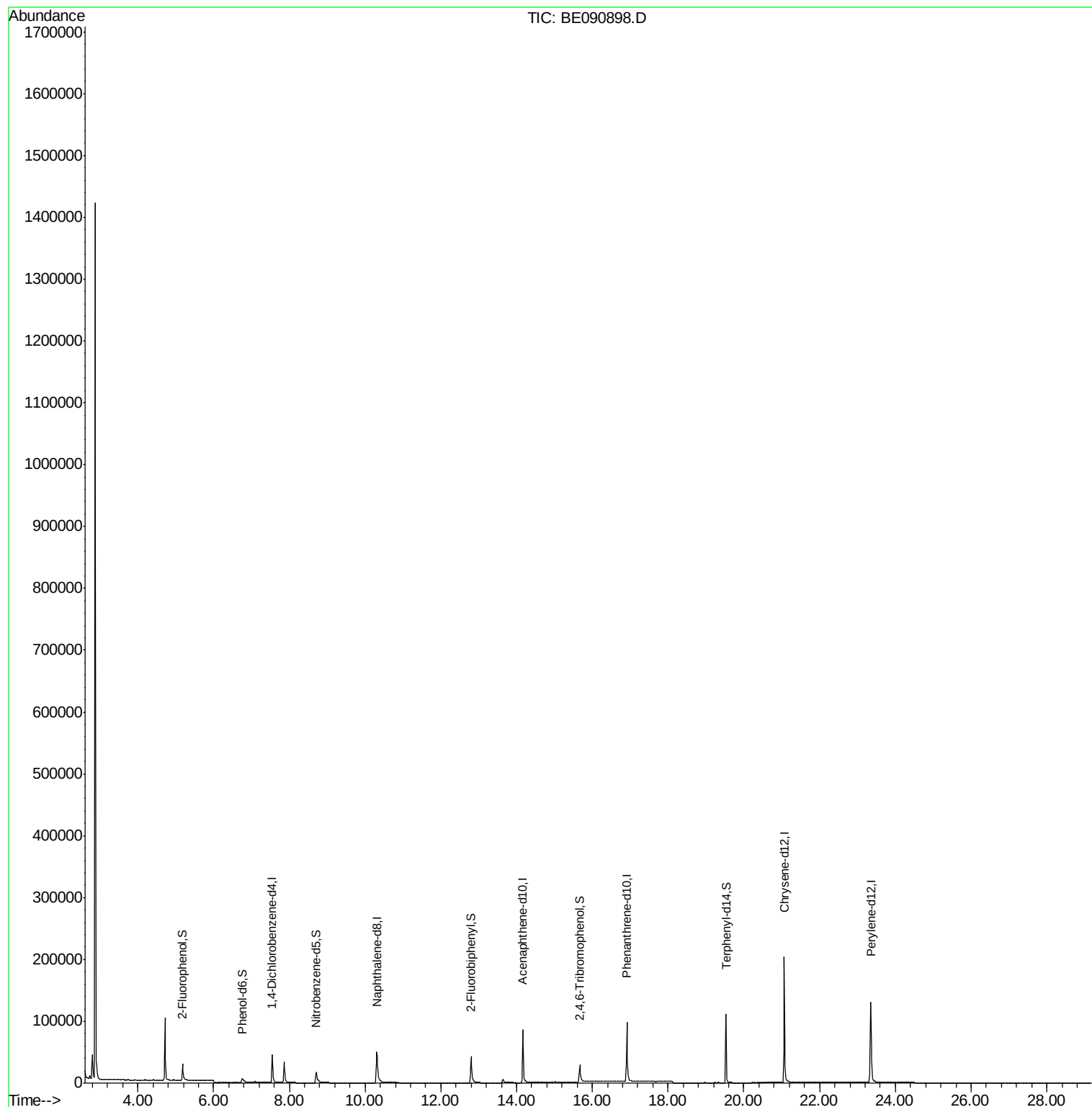
Target Compounds	Qvalue
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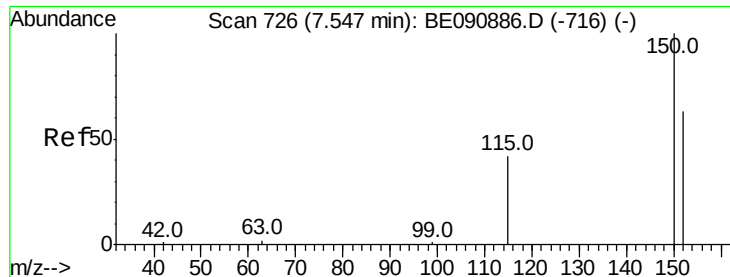
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 19 03:48:03 2015
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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: BE090898.D

Acq: 19 Sep 2015 6:18

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-S

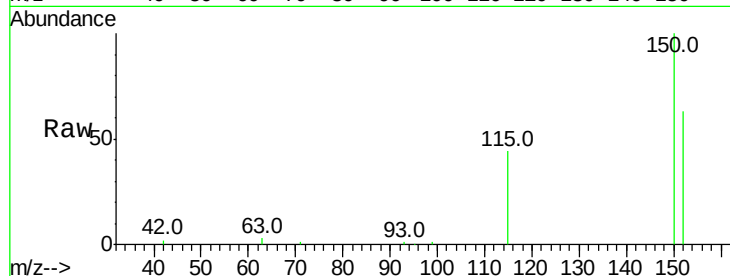
Tgt Ion:152 Resp: 27170

Ion Ratio Lower Upper

152 100

150 157.8 122.2 183.4

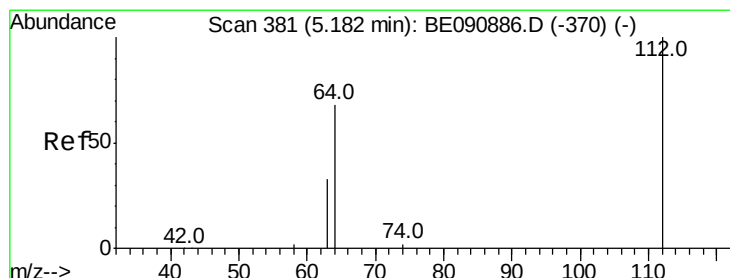
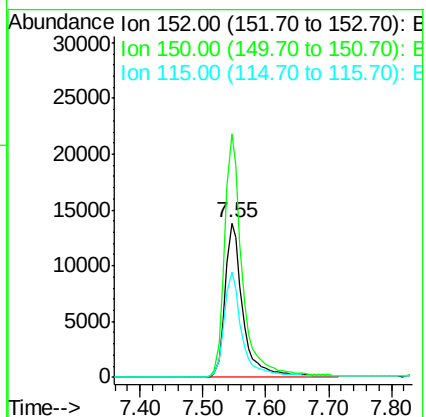
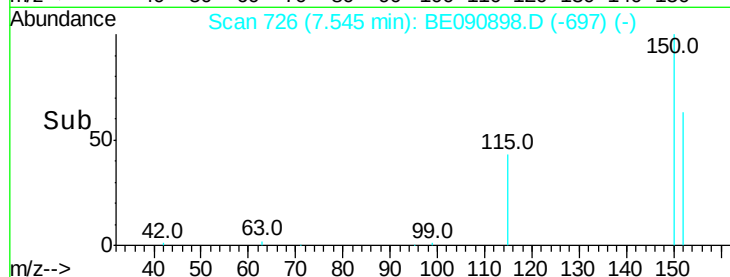
115 68.6 51.0 76.4



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: 4.16 ng

RT: 5.18 min Scan# 381

Delta R.T. 0.01 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

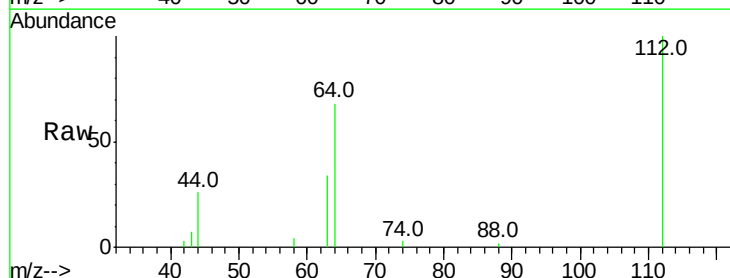
Tgt Ion:112 Resp: 25438

Ion Ratio Lower Upper

112 100

64 71.7 57.3 85.9

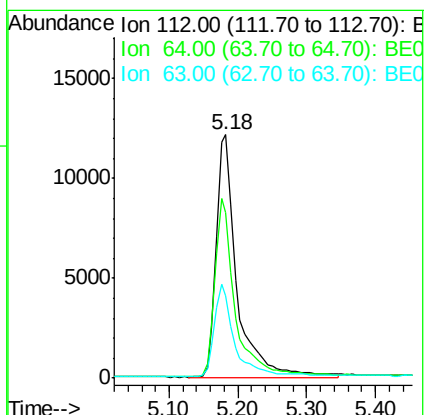
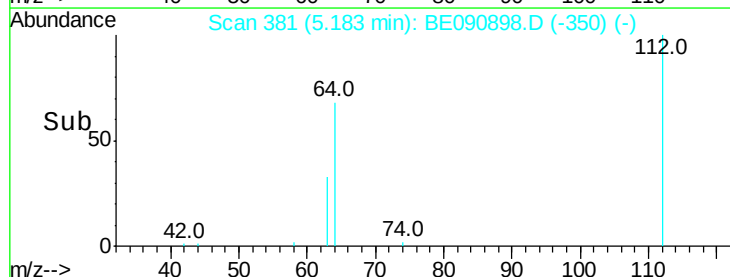
63 36.7 29.2 43.8

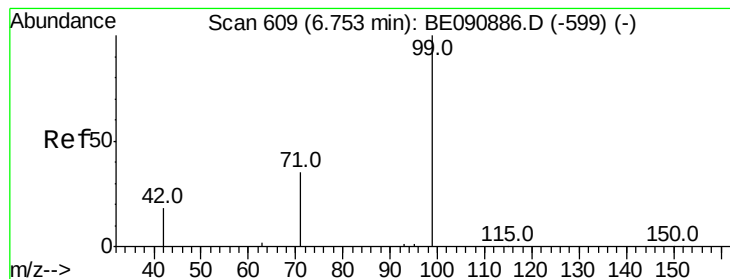


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.24 ng

RT: 6.75 min Scan# 609

Delta R.T. -0.00 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-S

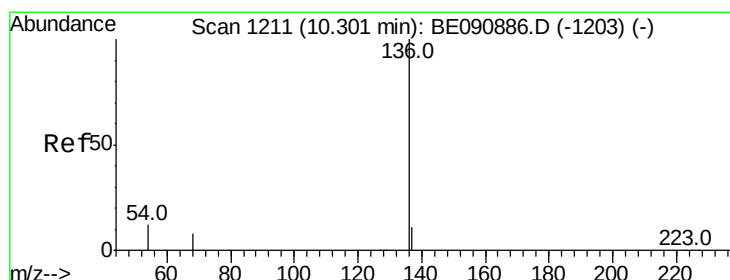
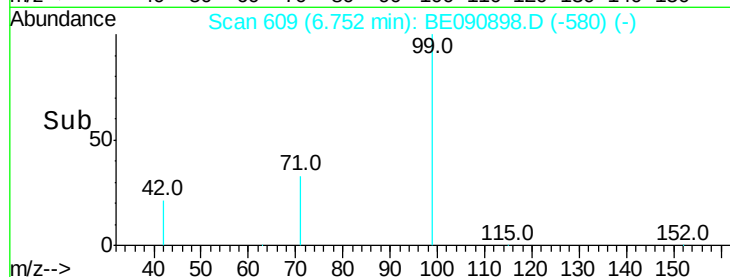
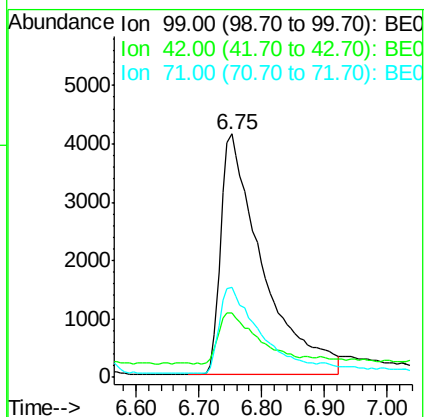
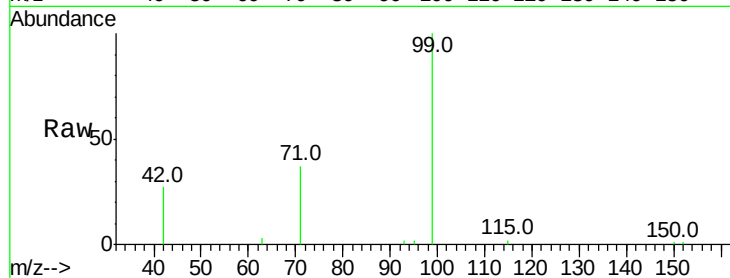
Tgt Ion: 99 Resp: 18962

Ion Ratio Lower Upper

99 100

42 20.4 16.8 25.2

71 35.6 28.3 42.5



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

Tgt Ion: 136 Resp: 115006

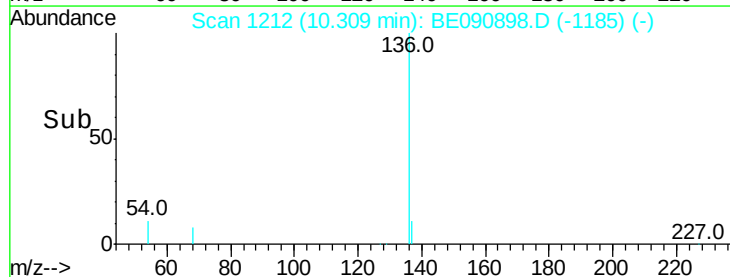
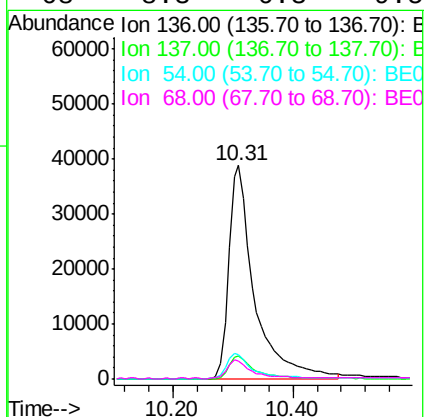
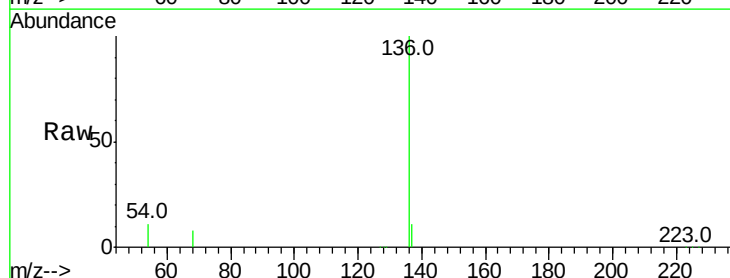
Ion Ratio Lower Upper

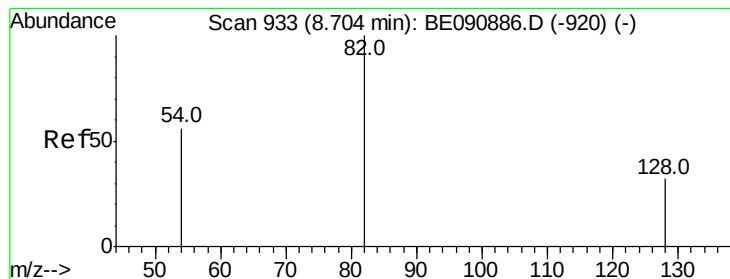
136 100

137 11.0 8.7 13.1

54 11.4 9.0 13.6

68 8.3 6.3 9.5





#8

Nitrobenzene-d5

Concen: 4.06 ng

RT: 8.71 min Scan# 934

Delta R.T. 0.01 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-S

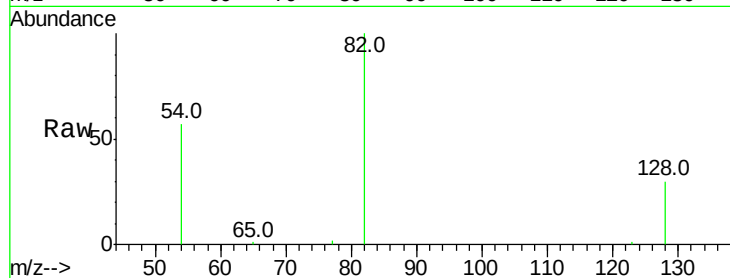
Tgt Ion: 82 Resp: 32212

Ion Ratio Lower Upper

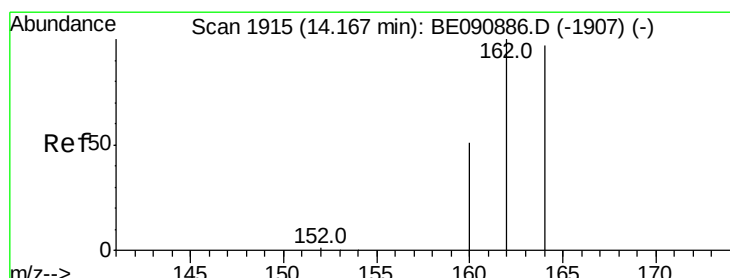
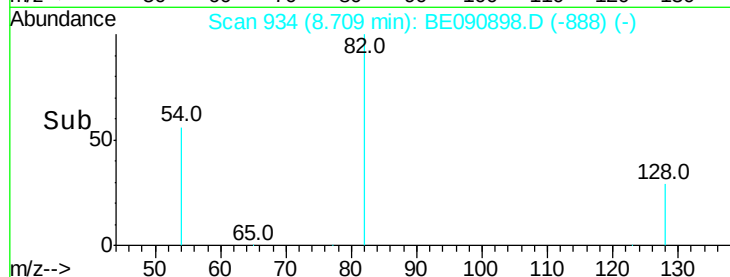
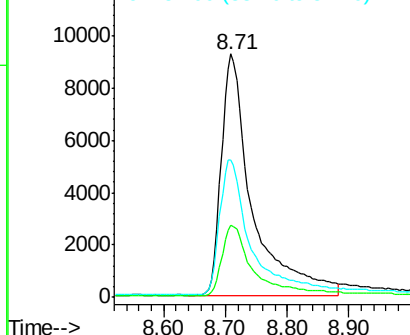
82 100

128 29.6 25.0 37.4

54 56.6 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



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 1915

Delta R.T. 0.01 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

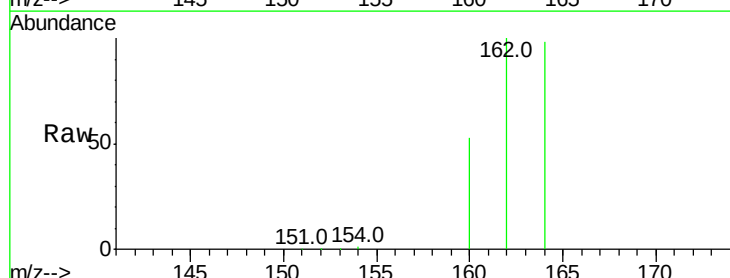
Tgt Ion: 164 Resp: 60760

Ion Ratio Lower Upper

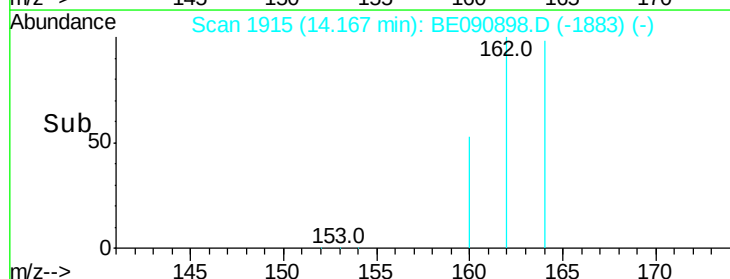
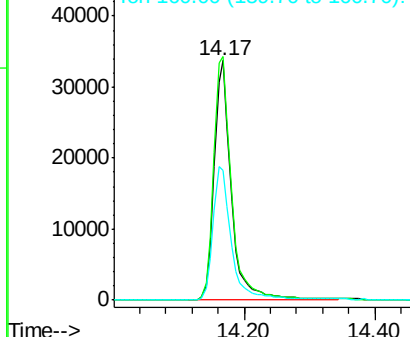
164 100

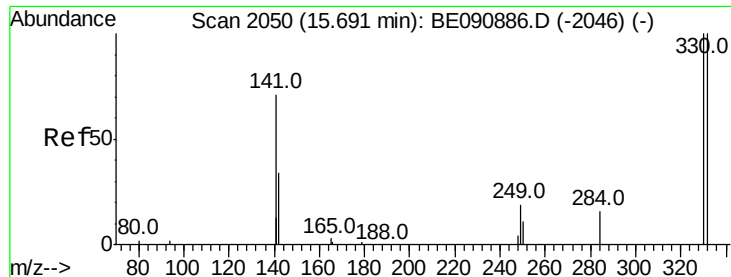
162 101.6 86.8 130.2

160 54.0 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

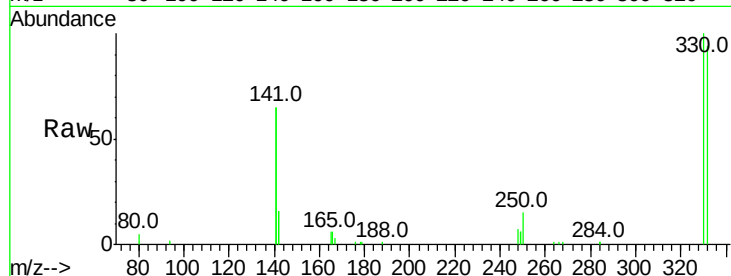




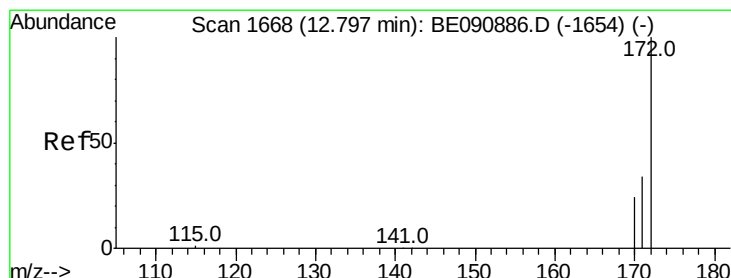
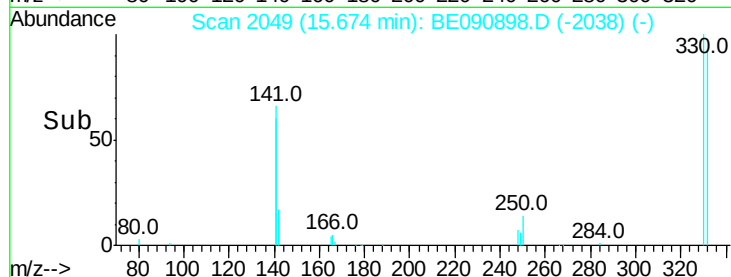
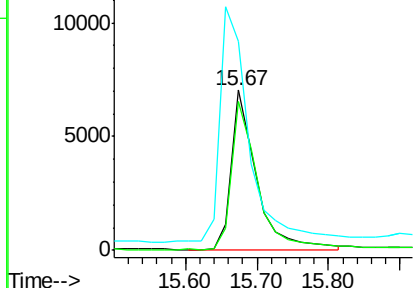
#14
 2,4,6-Tribromophenol
 Concen: 7.85 ng
 RT: 15.67 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: BE090898.D
 Acq: 19 Sep 2015 6:18

Instrument :
 BNA_E
 ClientSampleId :
 091515-P004-E-U-S

Tgt Ion: 330 Resp: 16841
 Ion Ratio Lower Upper
 330 100
 332 96.2 74.9 112.3
 141 173.7 145.2 217.8

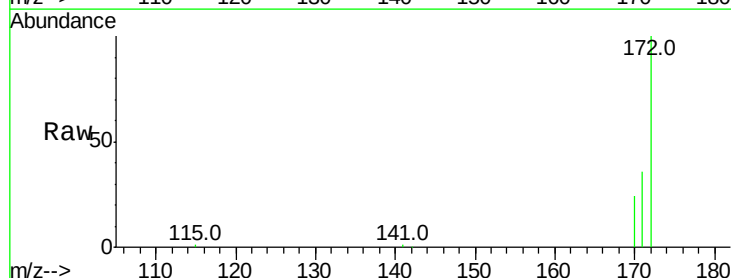


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

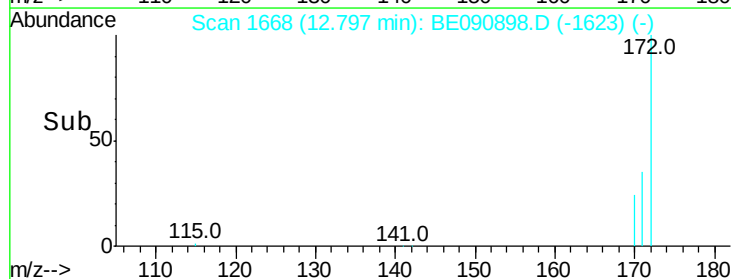
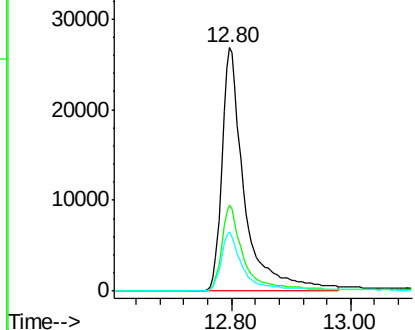


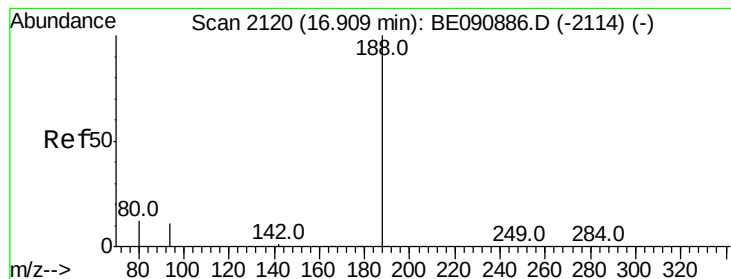
#15
 2-Fluorobiphenyl
 Concen: 4.09 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: BE090898.D
 Acq: 19 Sep 2015 6:18

Tgt Ion: 172 Resp: 70398
 Ion Ratio Lower Upper
 172 100
 171 35.6 27.8 41.8
 170 24.3 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# 2120

Delta R.T. -0.00 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-S

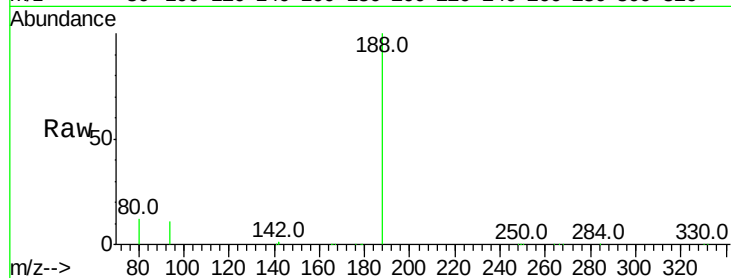
Tgt Ion:188 Resp: 145708

Ion Ratio Lower Upper

188 100

94 10.9 10.3 15.5

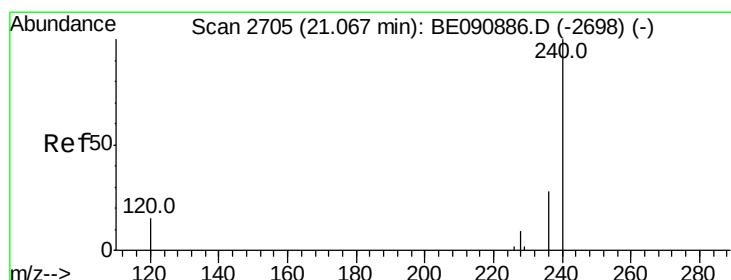
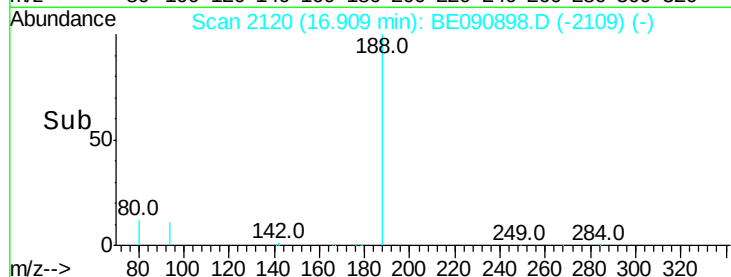
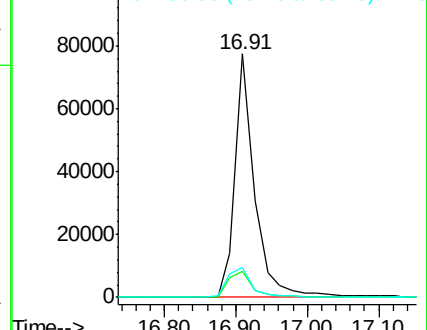
80 12.1 11.0 16.6



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# 2705

Delta R.T. 0.00 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

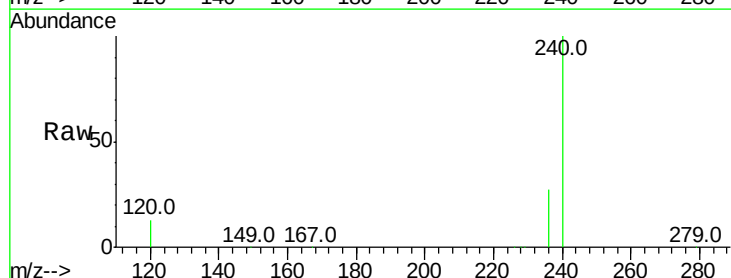
Tgt Ion:240 Resp: 204879

Ion Ratio Lower Upper

240 100

120 13.1 10.1 15.1

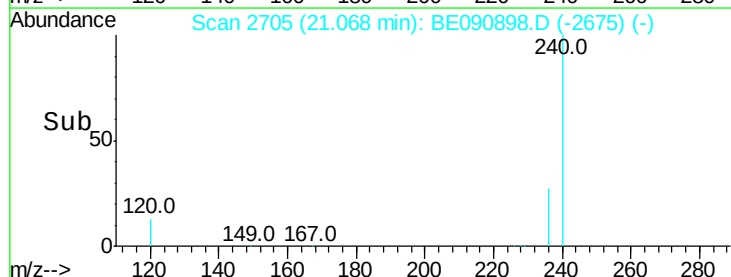
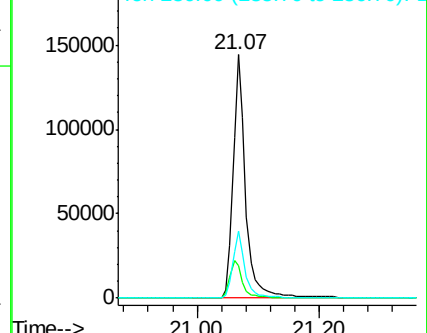
236 27.3 21.9 32.9

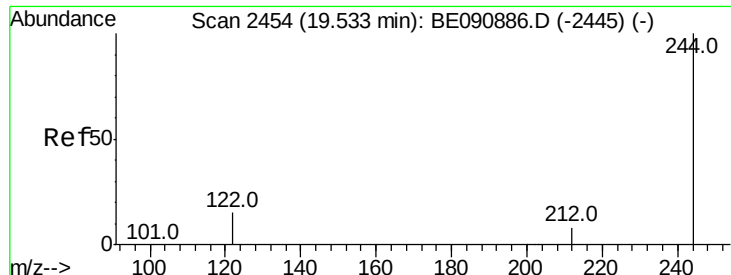


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Terphenyl-d14

Concen: 5.39 ng

RT: 19.53 min Scan# 2453

Delta R.T. -0.01 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

Instrument :

BNA_E

ClientSampleId :

091515-P004-E-U-S

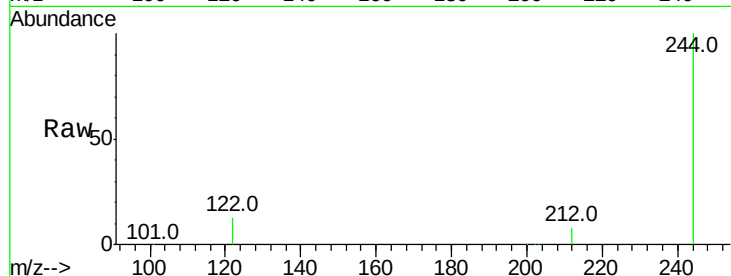
Tgt Ion:244 Resp: 124750

Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

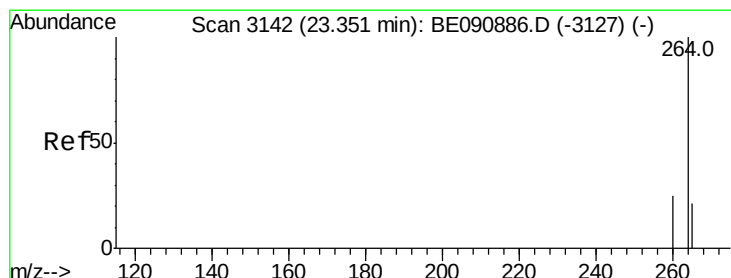
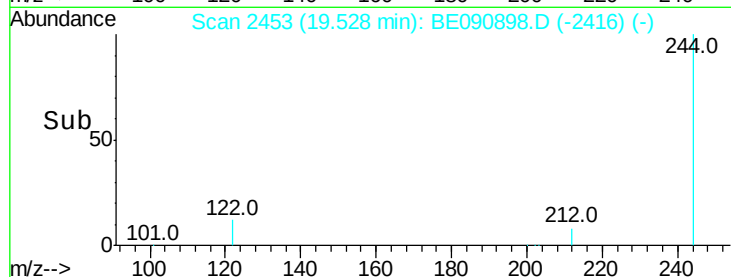
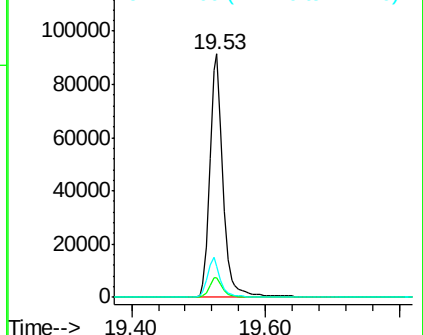
122 12.6 12.9 19.3#



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# 3142

Delta R.T. -0.00 min

Lab File: BE090898.D

Acq: 19 Sep 2015 6:18

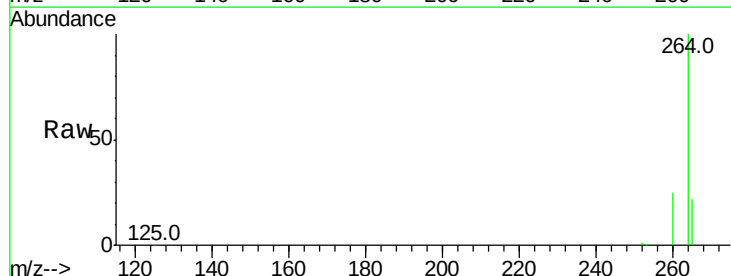
Tgt Ion:264 Resp: 201354

Ion Ratio Lower Upper

264 100

260 25.3 19.7 29.5

265 21.9 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

