

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE092115\
 Data File : BE090930.D
 Acq On : 21 Sep 2015 22:15
 Operator : UM/IZ
 Sample : G3745-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 091715-D534-F-U-S

Quant Time: Sep 22 03:01:12 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	26105	5.00	ng	0.00
7) Naphthalene-d8	10.31	136	109375	5.00	ng	0.00
13) Acenaphthene-d10	14.17	164	58918	5.00	ng	0.00
19) Phenanthrene-d10	16.91	188	146626	5.00	ng	0.00
26) Chrysene-d12	21.07	240	188499	5.00	ng	0.00
33) Perylene-d12	23.35	264	173056	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	13861	2.34	ng	0.00
5) Phenol-d6	6.79	99	10231	1.26	ng	0.04
8) Nitrobenzene-d5	8.72	82	22800	3.03	ng	0.01
14) 2,4,6-Tribromophenol	15.68	330	13197	6.35	ng	-0.02
15) 2-Fluorobiphenyl	12.80	172	57496	3.44	ng	0.00
28) Terphenyl-d14	19.52	244	123780	5.82	ng	0.00

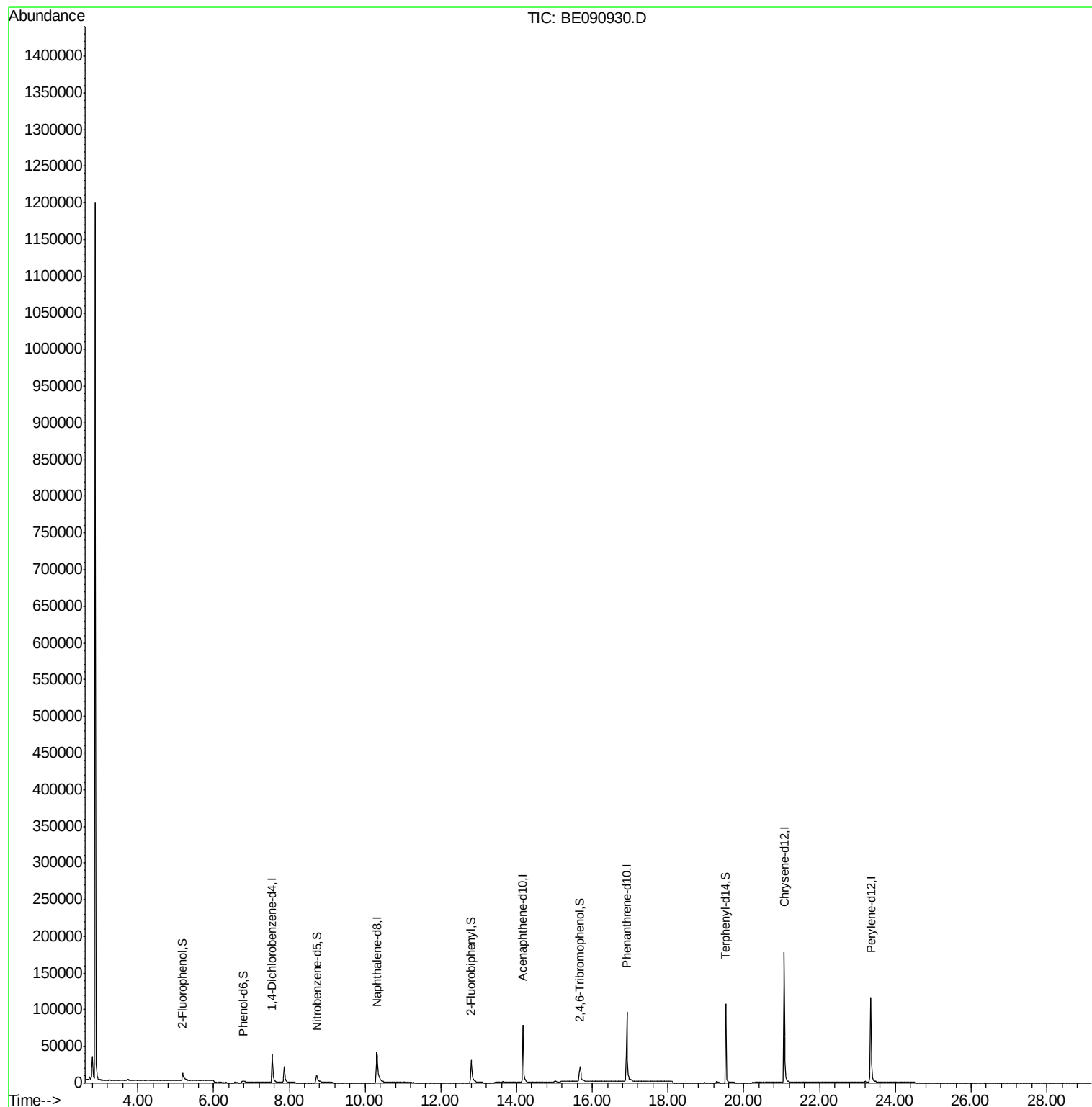
Target Compounds	Qvalue
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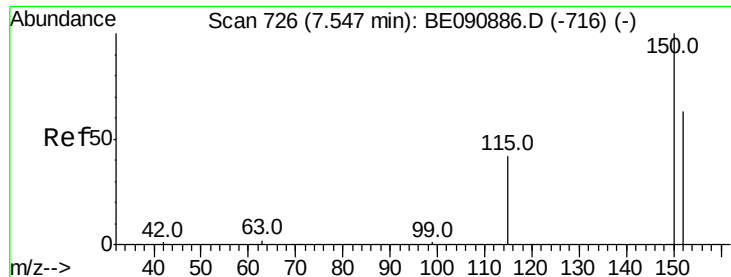
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE090930.D

Acq: 21 Sep 2015 22:15

Instrument :

BNA_E

ClientSampleId :

091715-D534-F-U-S

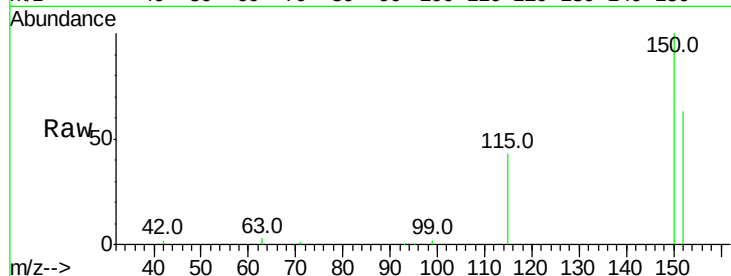
Tgt Ion:152 Resp: 26105

Ion Ratio Lower Upper

152 100

150 158.0 122.2 183.4

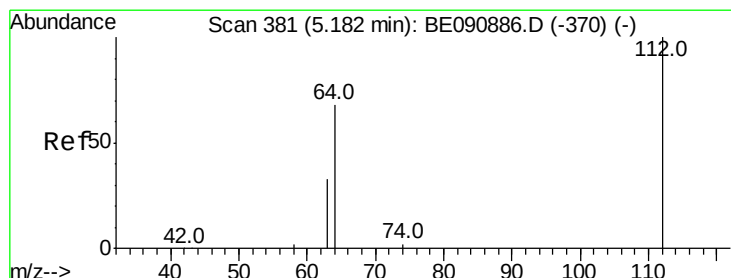
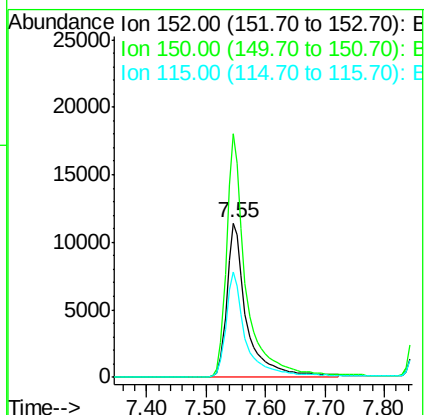
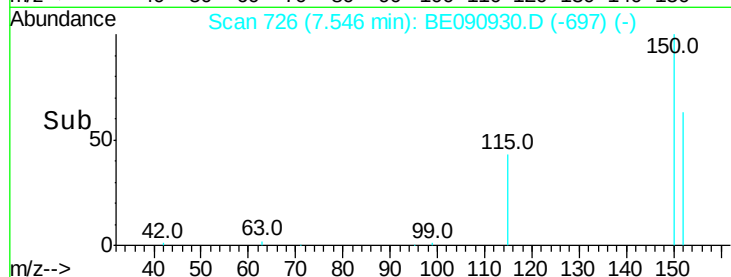
115 68.0 51.0 76.4



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: 2.34 ng

RT: 5.18 min Scan# 381

Delta R.T. 0.00 min

Lab File: BE090930.D

Acq: 21 Sep 2015 22:15

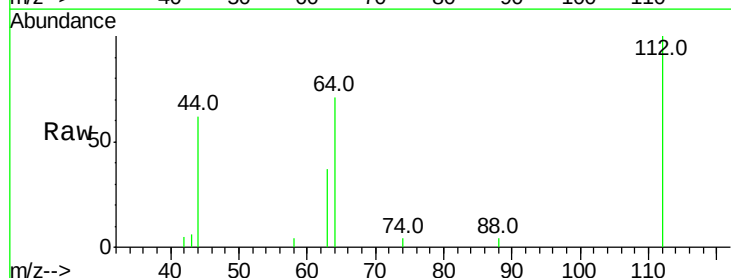
Tgt Ion:112 Resp: 13861

Ion Ratio Lower Upper

112 100

64 72.7 57.3 85.9

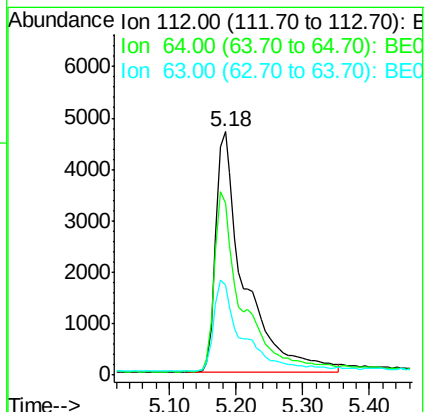
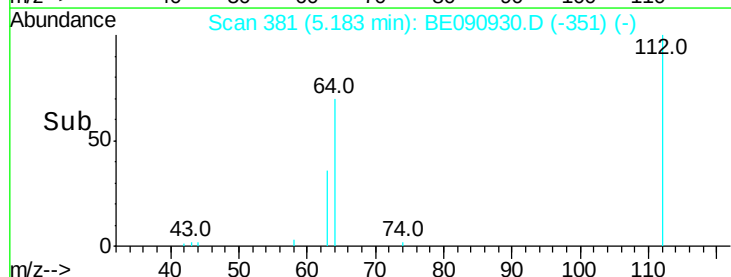
63 37.9 29.2 43.8

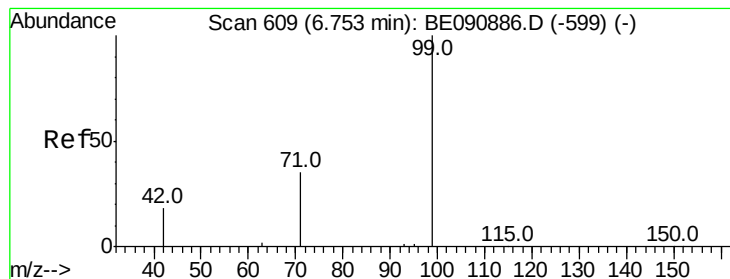


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.26 ng

RT: 6.79 min Scan# 615

Delta R.T. 0.04 min

Lab File: BE090930.D

Acq: 21 Sep 2015 22:15

Instrument :

BNA_E

ClientSampleId :

091715-D534-F-U-S

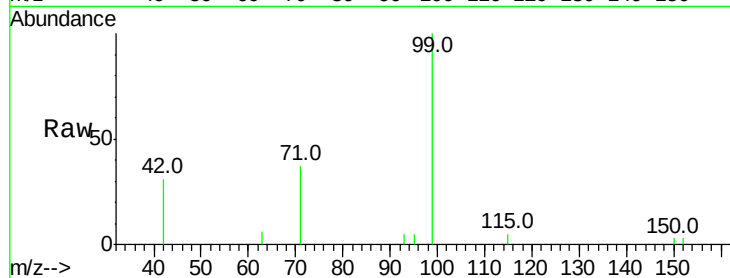
Tgt Ion: 99 Resp: 10231

Ion Ratio Lower Upper

99 100

42 0.0 16.8 25.2#

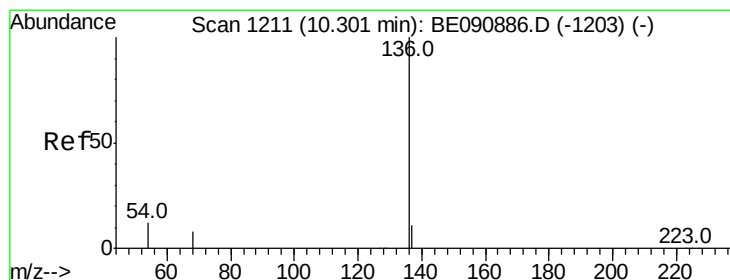
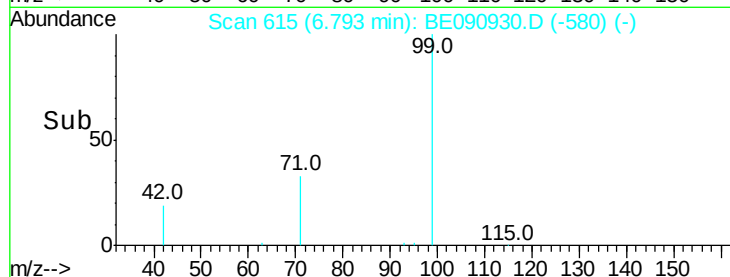
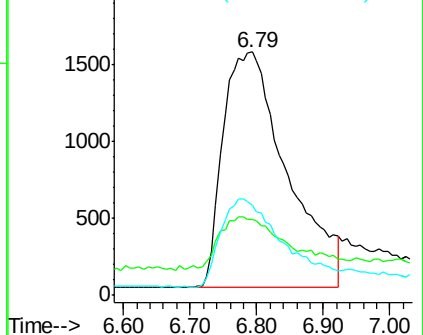
71 0.0 28.3 42.5#



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# 1212

Delta R.T. 0.01 min

Lab File: BE090930.D

Acq: 21 Sep 2015 22:15

Tgt Ion: 136 Resp: 109375

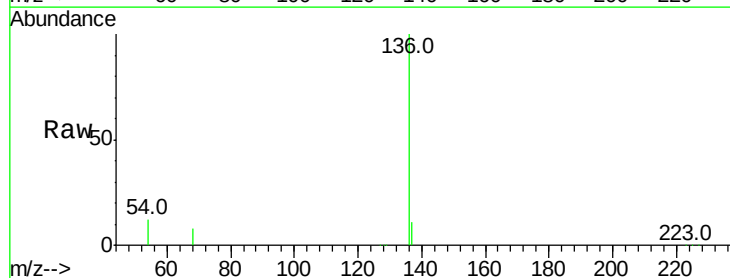
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 11.9 9.0 13.6

68 8.4 6.3 9.5

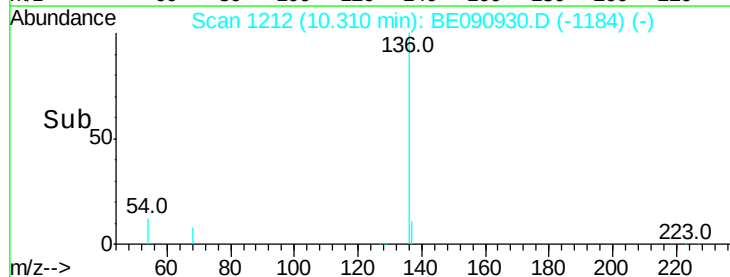
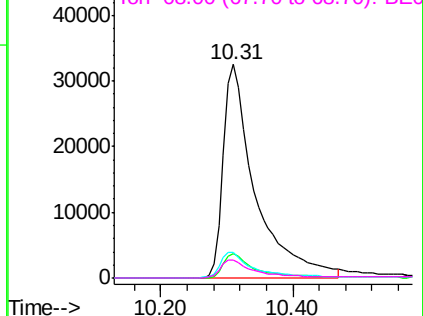


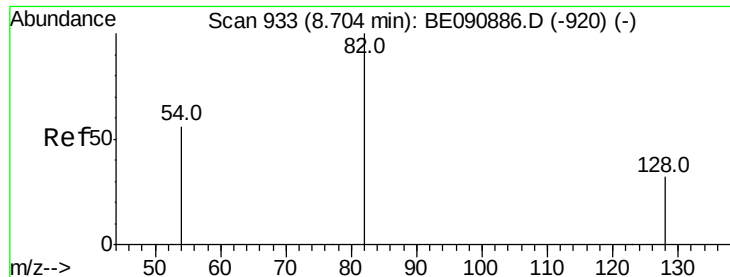
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.03 ng

RT: 8.72 min Scan# 936

Delta R.T. 0.01 min

Lab File: BE090930.D

Acq: 21 Sep 2015 22:15

Instrument :

BNA_E

ClientSampleId :

091715-D534-F-U-S

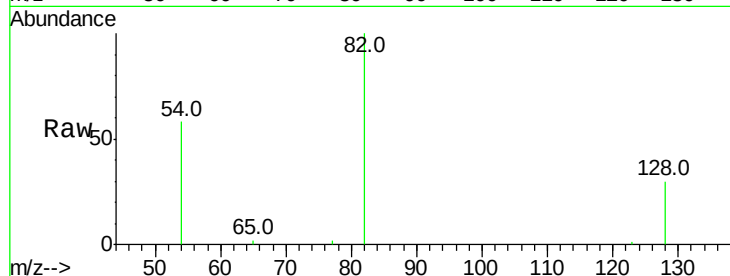
Tgt Ion: 82 Resp: 22800

Ion Ratio Lower Upper

82 100

128 30.5 25.0 37.4

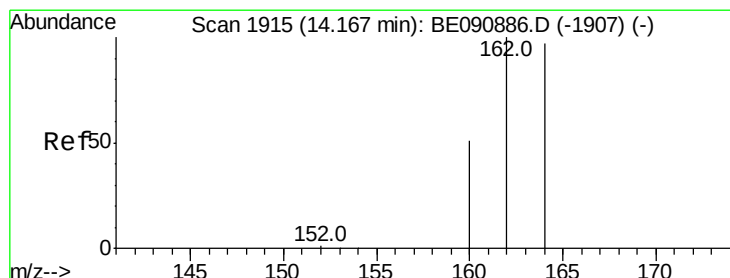
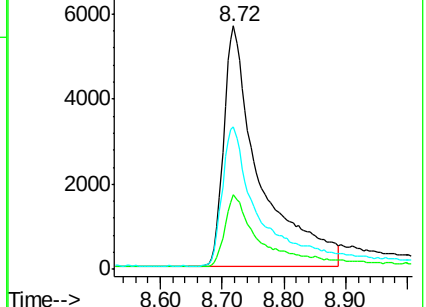
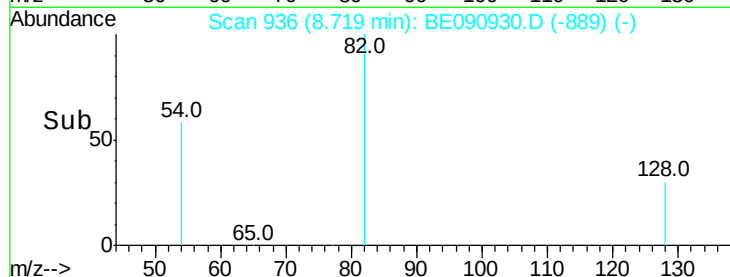
54 58.3 46.3 69.5



Abundance Ion 82.00 (81.70 to 82.70): BE090930.D (-889) (-)

Ion 128.00 (127.70 to 128.70): BE090930.D (-889) (-)

Ion 54.00 (53.70 to 54.70): BE090930.D (-889) (-)



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BE090930.D

Acq: 21 Sep 2015 22:15

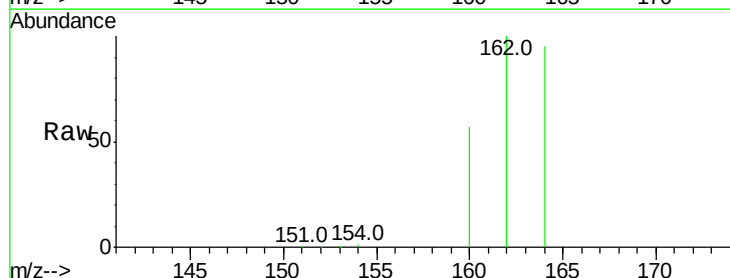
Tgt Ion: 164 Resp: 58918

Ion Ratio Lower Upper

164 100

162 105.6 86.8 130.2

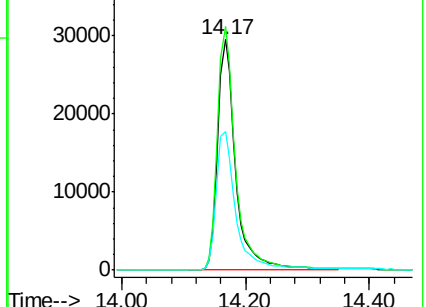
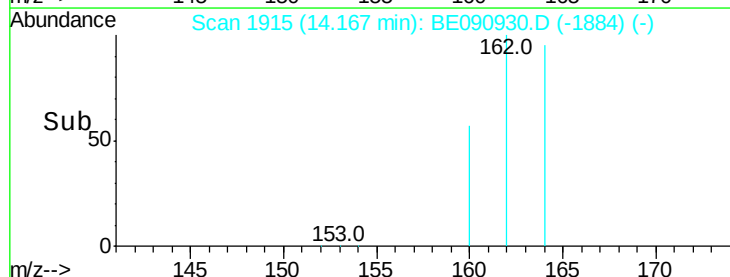
160 60.3 53.9 80.9

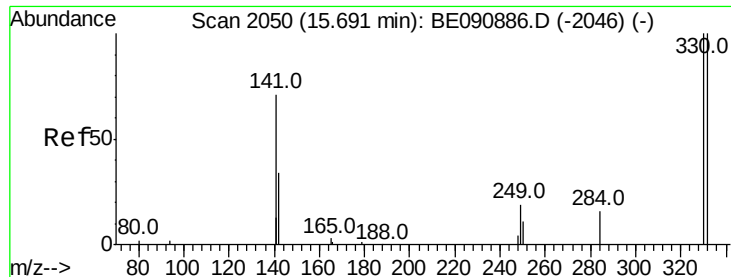


Abundance Ion 164.00 (163.70 to 164.70): BE090930.D (-1884) (-)

Ion 162.00 (161.70 to 162.70): BE090930.D (-1884) (-)

Ion 160.00 (159.70 to 160.70): BE090930.D (-1884) (-)

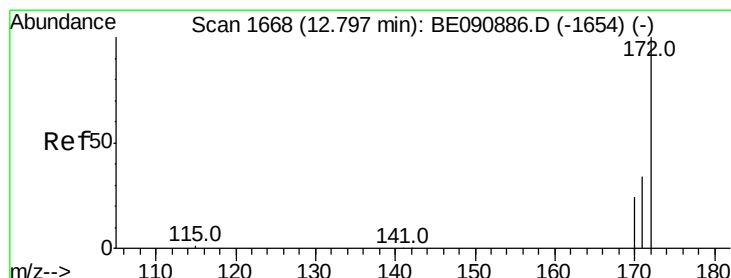
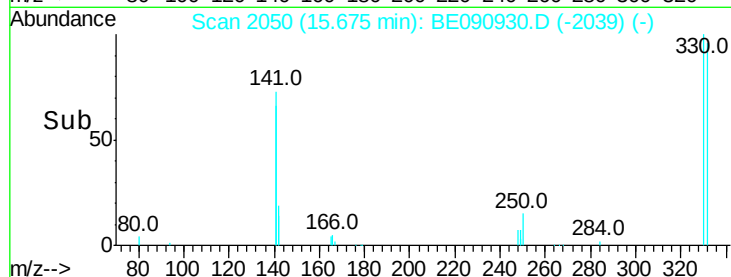
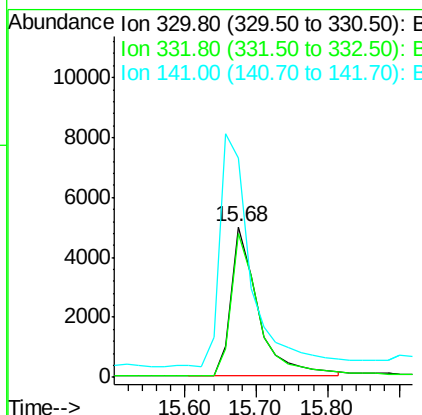
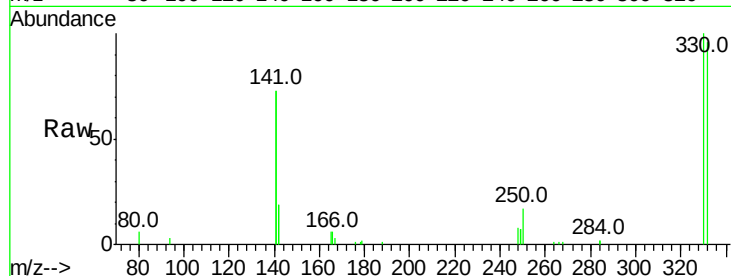




#14
 2,4,6-Tribromophenol
 Concen: 6.35 ng
 RT: 15.68 min Scan# 2050
 Delta R.T. -0.02 min
 Lab File: BE090930.D
 Acq: 21 Sep 2015 22:15

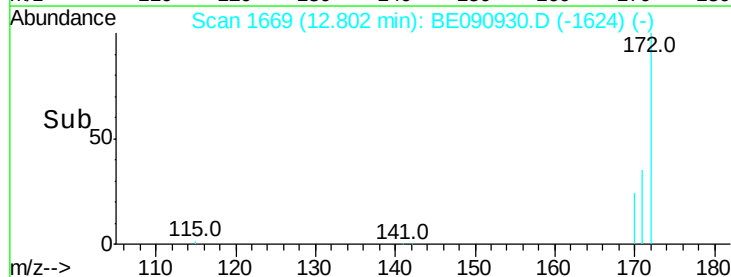
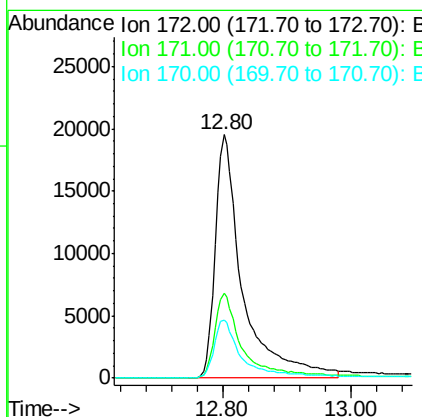
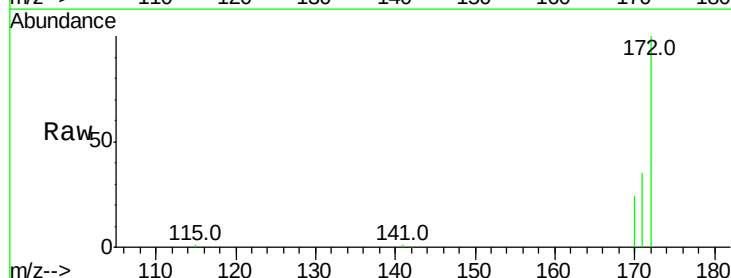
Instrument :
 BNA_E
 ClientSampleId :
 091715-D534-F-U-S

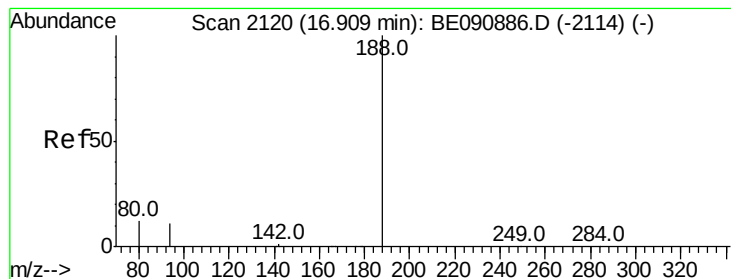
Tgt Ion: 330 Resp: 13197
 Ion Ratio Lower Upper
 330 100
 332 96.6 74.9 112.3
 141 177.6 145.2 217.8



#15
 2-Fluorobiphenyl
 Concen: 3.44 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BE090930.D
 Acq: 21 Sep 2015 22:15

Tgt Ion: 172 Resp: 57496
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.8 41.8
 170 23.7 19.8 29.6





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2121

Delta R.T. 0.00 min

Lab File: BE090930.D

Acq: 21 Sep 2015 22:15

Instrument :

BNA_E

ClientSampleId :

091715-D534-F-U-S

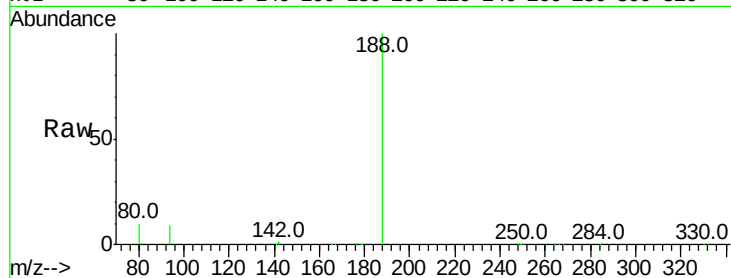
Tgt Ion:188 Resp: 146626

Ion Ratio Lower Upper

188 100

94 9.3 10.3 15.5#

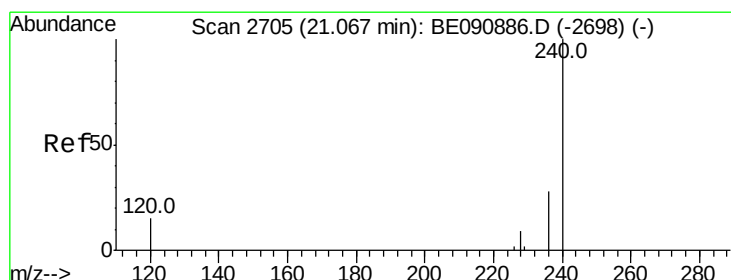
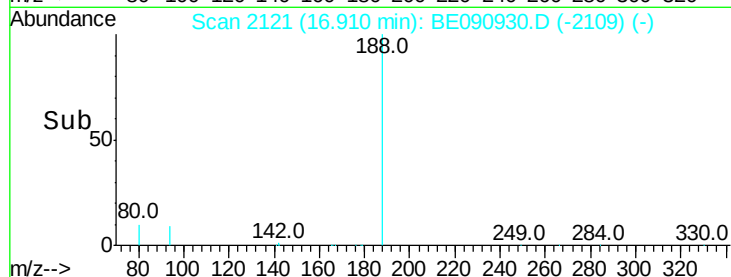
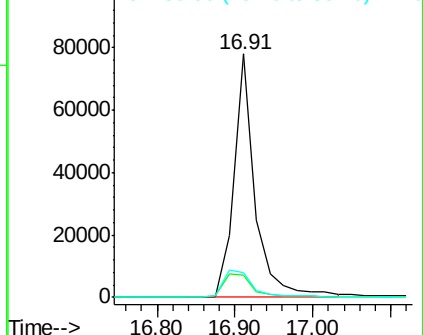
80 10.3 11.0 16.6#



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: BE090930.D

Acq: 21 Sep 2015 22:15

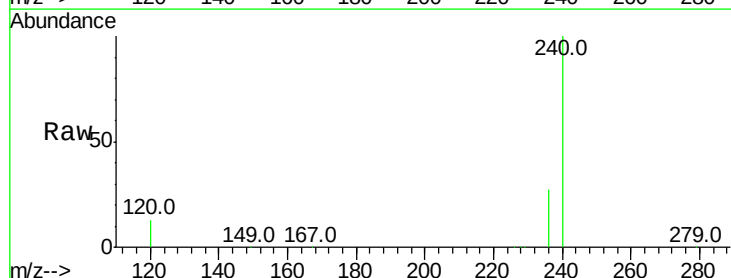
Tgt Ion:240 Resp: 188499

Ion Ratio Lower Upper

240 100

120 12.7 10.1 15.1

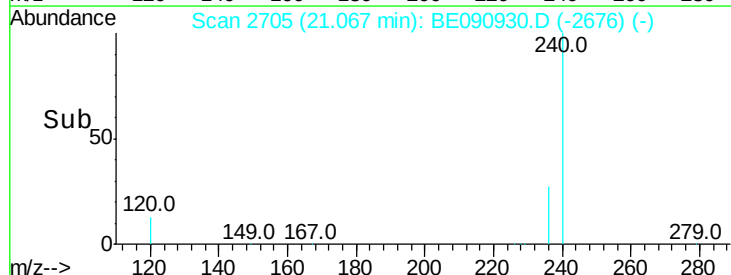
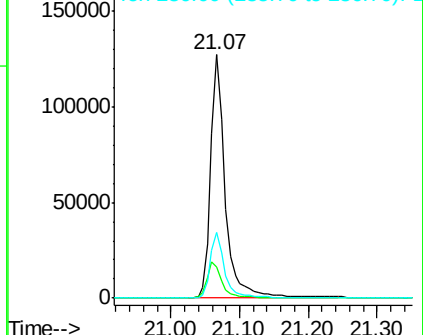
236 26.8 21.9 32.9

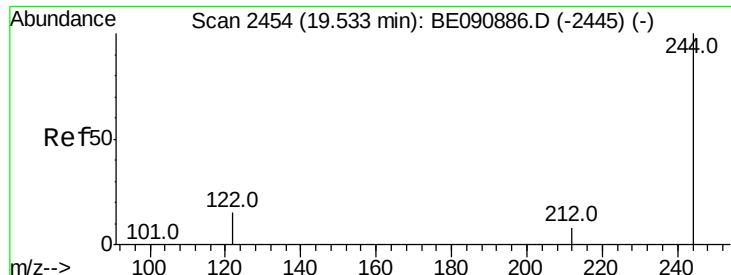


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Terphenyl-d14

Concen: 5.82 ng

RT: 19.52 min Scan# 2453

Delta R.T. -0.01 min

Lab File: BE090930.D

Acq: 21 Sep 2015 22:15

Instrument :

BNA_E

ClientSampleId :

091715-D534-F-U-S

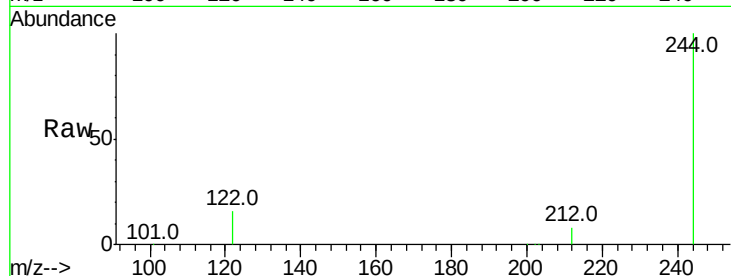
Tgt Ion:244 Resp: 123780

Ion Ratio Lower Upper

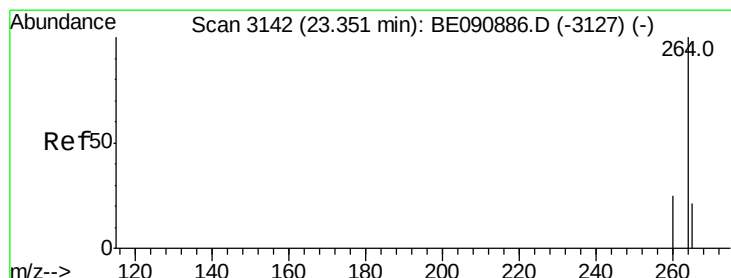
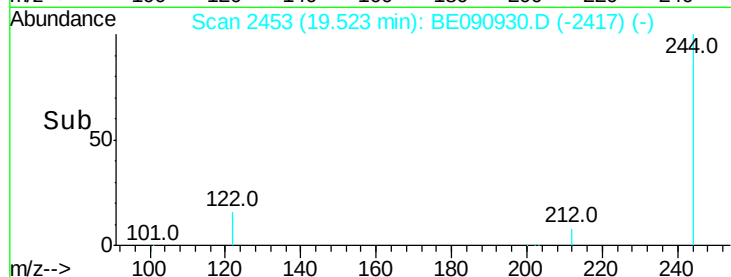
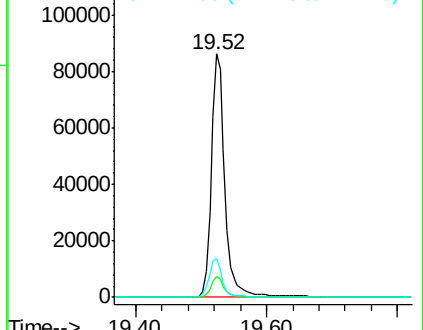
244 100

212 8.4 6.9 10.3

122 16.1 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# 3143

Delta R.T. 0.00 min

Lab File: BE090930.D

Acq: 21 Sep 2015 22:15

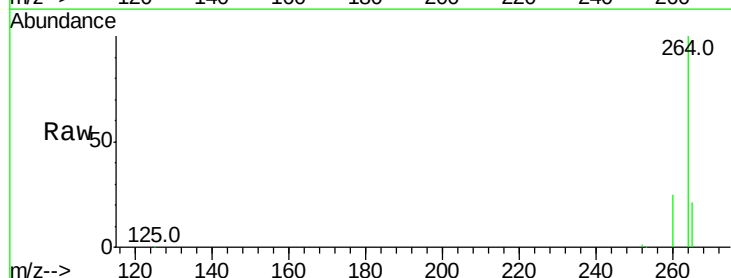
Tgt Ion:264 Resp: 173056

Ion Ratio Lower Upper

264 100

260 25.0 19.7 29.5

265 21.5 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

