

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090115\
 Data File : BE090679.D
 Acq On : 1 Sep 2015 22:57
 Operator : UM/IZ
 Sample : G3462-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-3

Quant Time: Sep 02 12:04:17 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

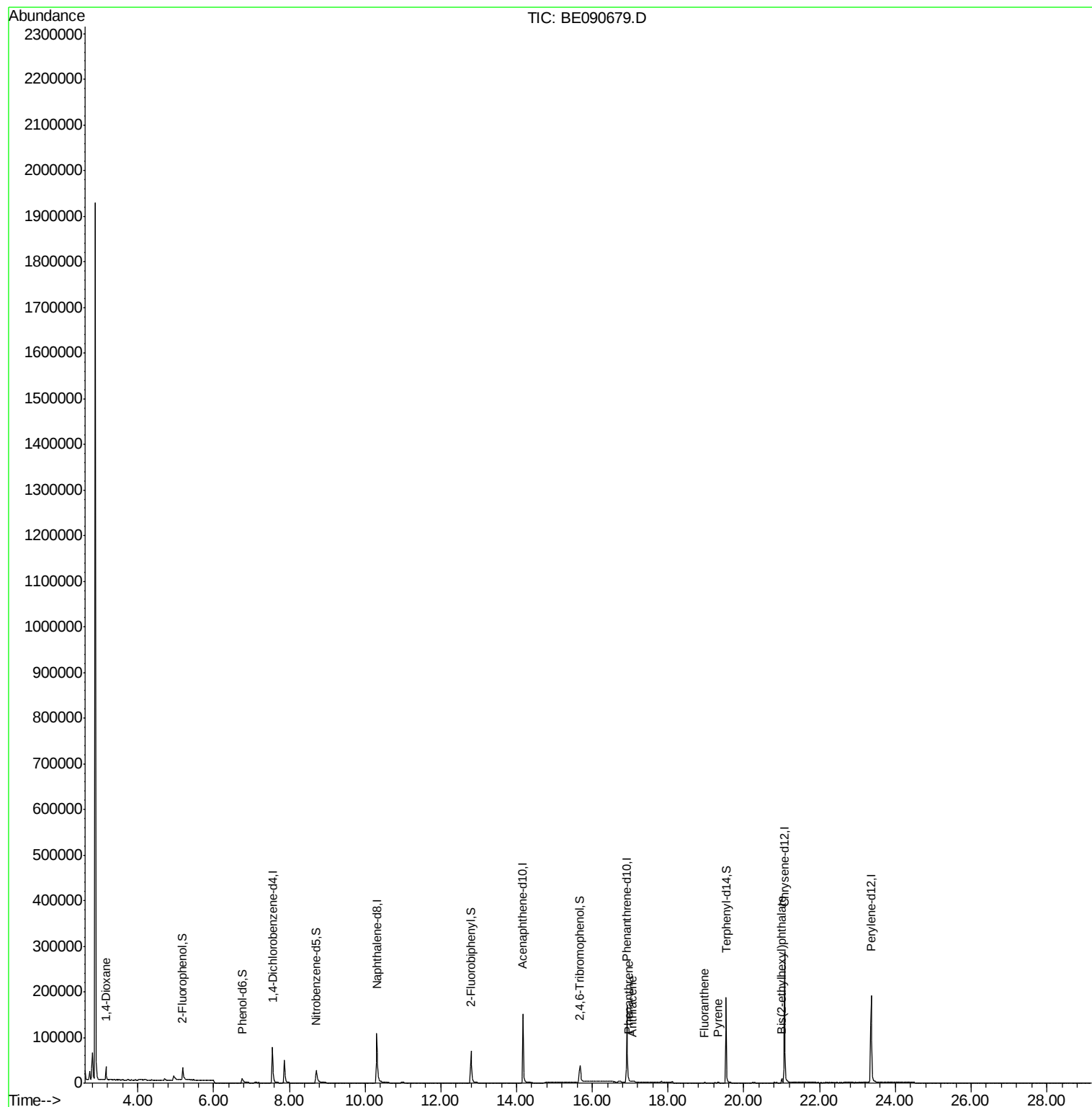
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	47165	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	196669	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	92132	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	227742	5.00	ng	0.00
25) Chrysene-d12	21.07	240	303298	5.00	ng	0.00
32) Perylene-d12	23.36	264	276322	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	28717	3.13	ng	0.00
5) Phenol-d6	6.75	99	21538	1.64	ng	0.00
7) Nitrobenzene-d5	8.71	82	48078	3.70	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	20724	7.67	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	97634	3.83	ng	0.00
27) Terphenyl-d14	19.53	244	210450	6.27	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.16	88	15928	2.51	ng	97
22) Phenanthrene	16.96	178	1570	0.03	ng	# 83
23) Anthracene	17.05	178	956	0.02	ng	# 85
24) Fluoranthene	18.96	202	2096	0.04	ng	99
26) Pyrene	19.32	202	2251	0.04	ng	# 92
30) Bis(2-ethylhexyl)phthalate	21.00	149	8741	0.55	ng	98

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

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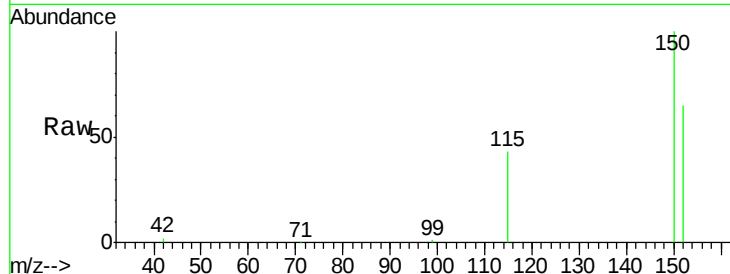




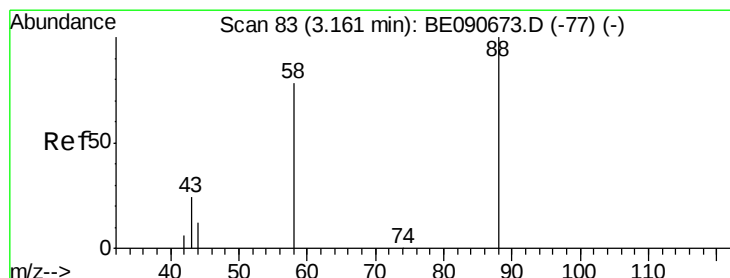
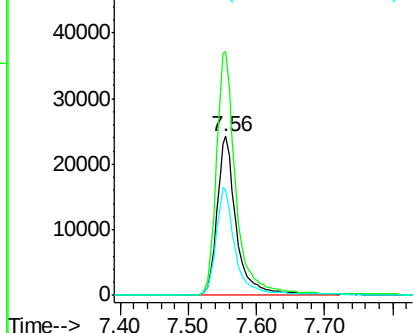
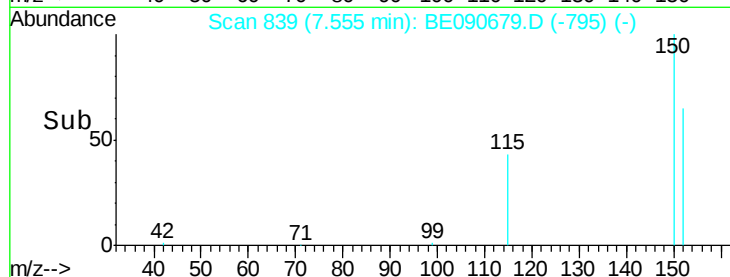
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.56 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BE090679.D
 Acq: 1 Sep 2015 22:57

Instrument :
 BNA_E
 ClientSampleID :
 MW-3

Tgt Ion: 152 Resp: 47165
 Ion Ratio Lower Upper
 152 100
 150 153.3 122.2 183.4
 115 66.2 51.0 76.4

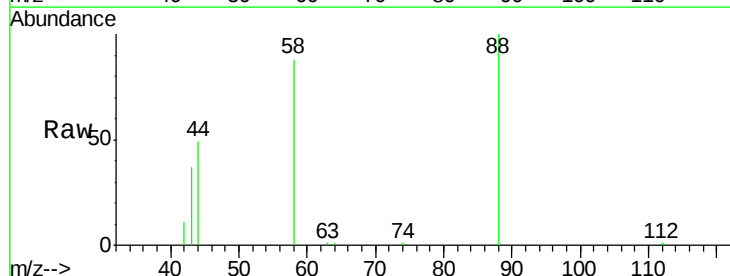


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

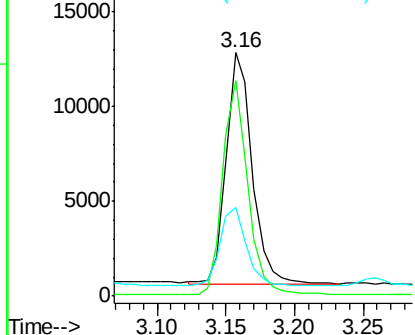
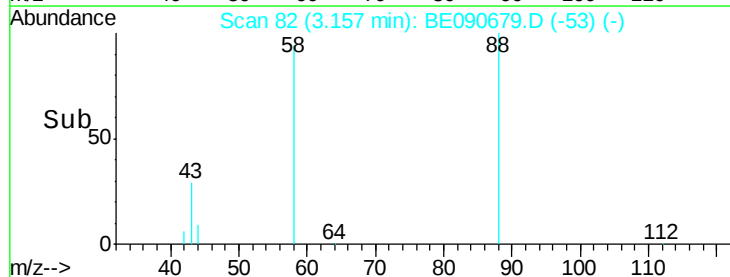


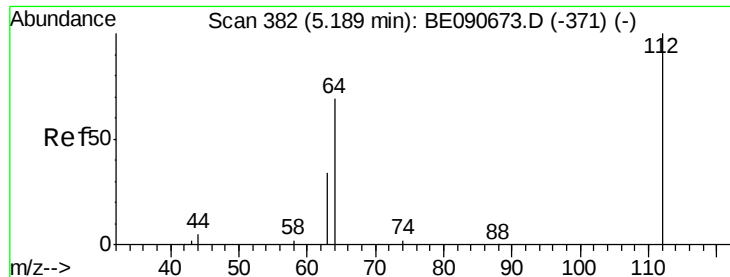
#2
 1,4-Dioxane
 Concen: 2.51 ng
 RT: 3.16 min Scan# 82
 Delta R.T. -0.00 min
 Lab File: BE090679.D
 Acq: 1 Sep 2015 22:57

Tgt Ion: 88 Resp: 15928
 Ion Ratio Lower Upper
 88 100
 58 88.8 68.4 102.6
 43 34.8 26.9 40.3



Abundance Ion 88.00 (87.70 to 88.70): BE0
 Ion 58.00 (57.70 to 58.70): BE0
 Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 3.13 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.00 min

Lab File: BE090679.D

Acq: 1 Sep 2015 22:57

Instrument :

BNA_E

ClientSampleId :

MW-3

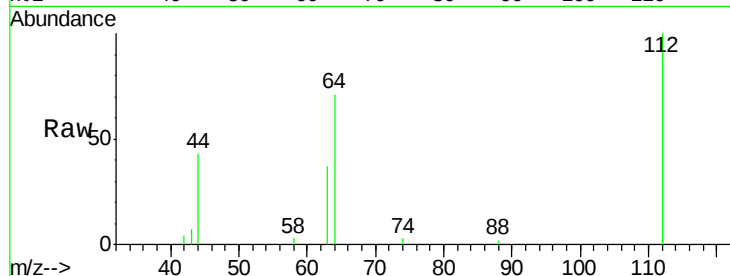
Tgt Ion: 112 Resp: 28717

Ion Ratio Lower Upper

112 100

64 71.3 57.3 85.9

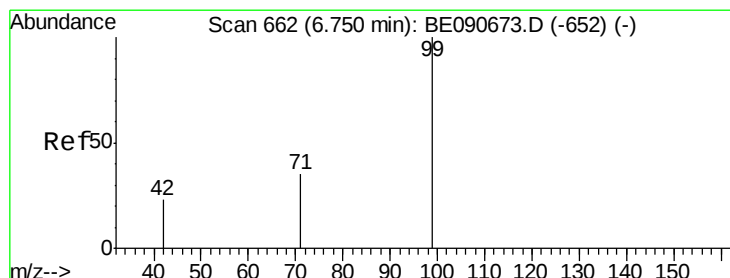
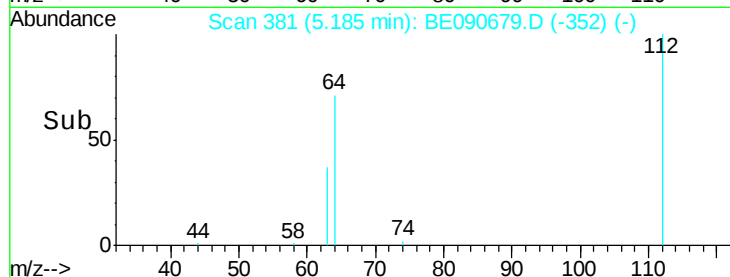
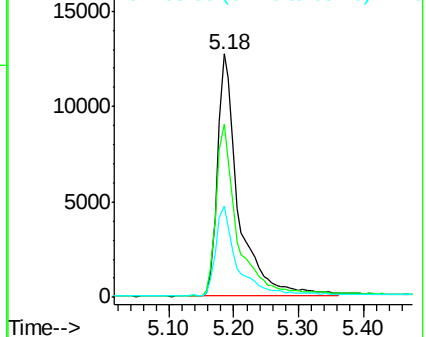
63 37.3 29.2 43.8



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 1.64 ng

RT: 6.75 min Scan# 662

Delta R.T. -0.00 min

Lab File: BE090679.D

Acq: 1 Sep 2015 22:57

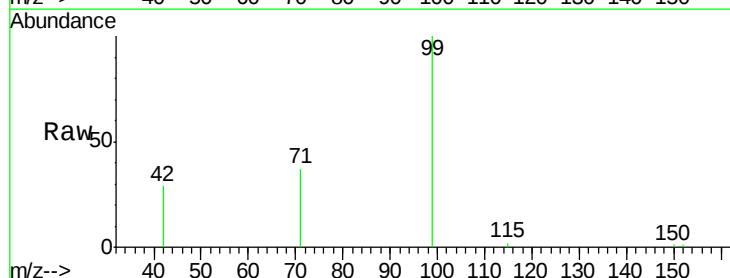
Tgt Ion: 99 Resp: 21538

Ion Ratio Lower Upper

99 100

42 22.1 16.8 25.2

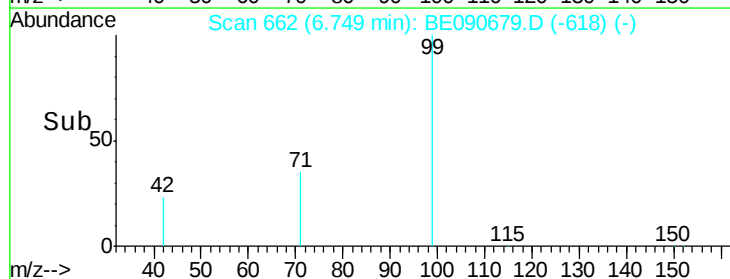
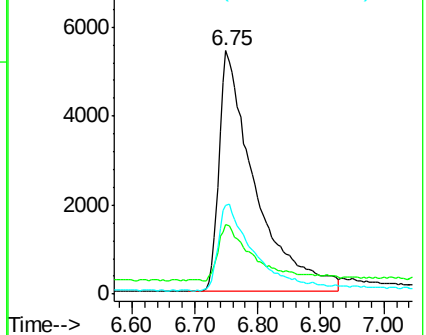
71 34.5 28.3 42.5

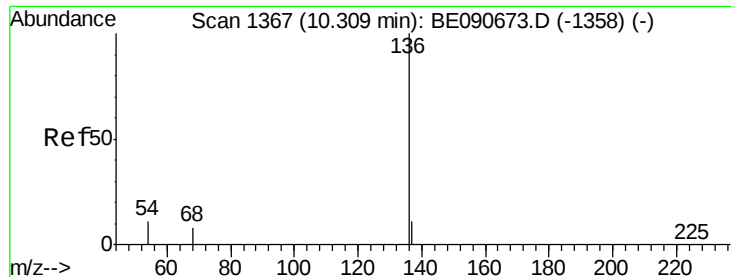


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: 10.31 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE090679.D

Acq: 1 Sep 2015 22:57

Instrument :

BNA_E

ClientSampleId :

MW-3

Tgt Ion:136 Resp: 196669

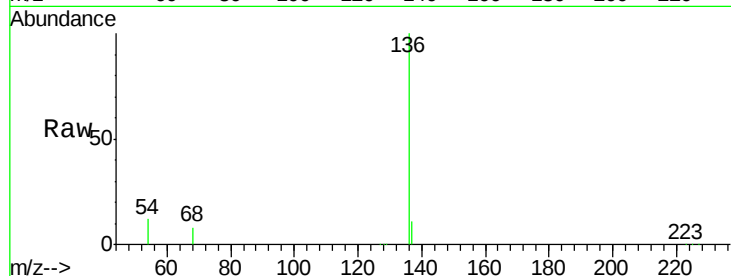
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 11.7 9.0 13.6

68 8.5 6.3 9.5

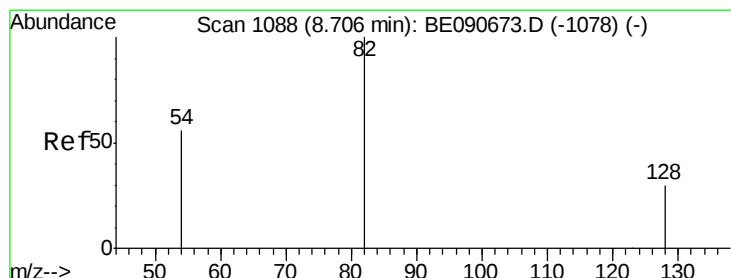
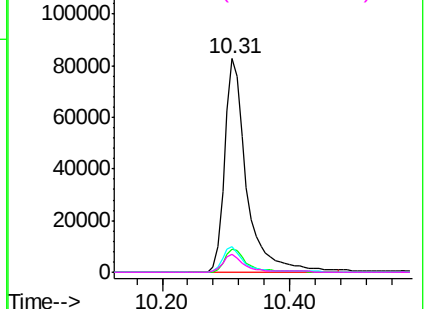
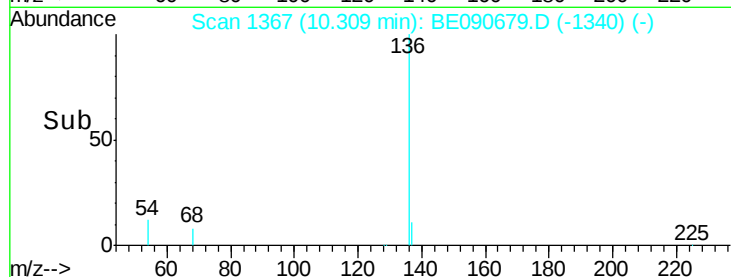


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.70 ng

RT: 8.71 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BE090679.D

Acq: 1 Sep 2015 22:57

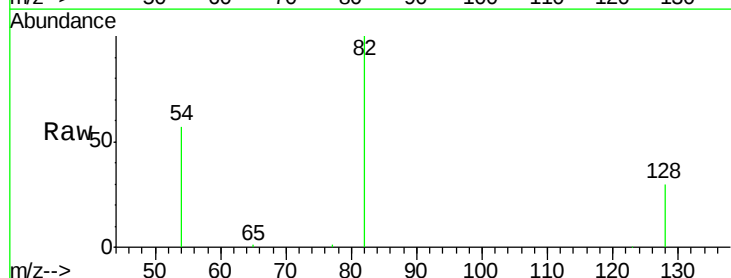
Tgt Ion: 82 Resp: 48078

Ion Ratio Lower Upper

82 100

128 30.1 25.0 37.4

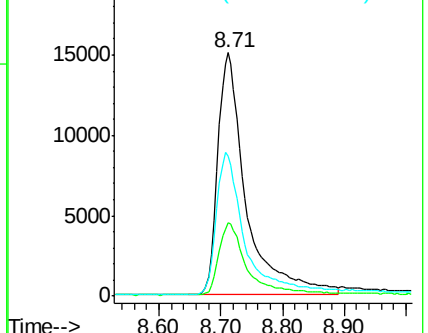
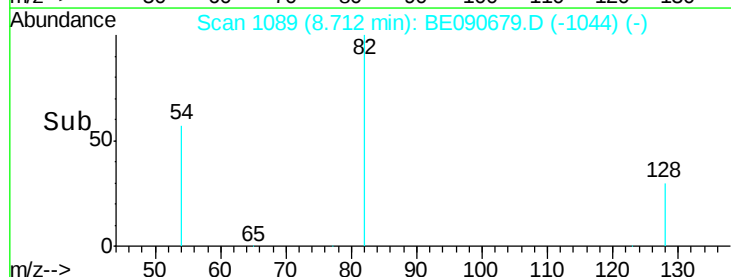
54 57.3 46.3 69.5

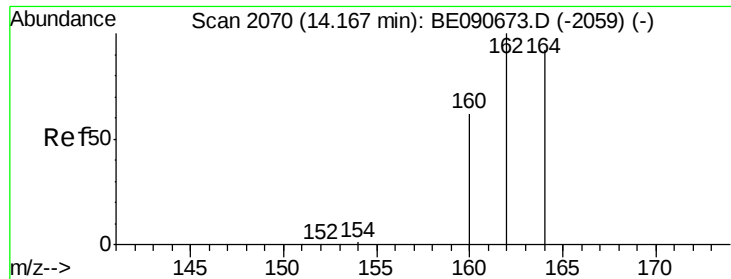


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090679.D

Acq: 1 Sep 2015 22:57

Instrument :

BNA_E

ClientSampleId :

MW-3

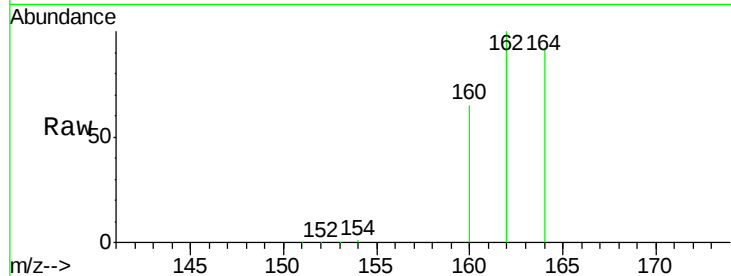
Tgt Ion:164 Resp: 92132

Ion Ratio Lower Upper

164 100

162 108.2 86.8 130.2

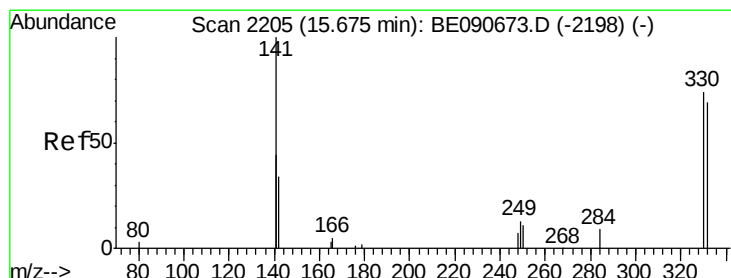
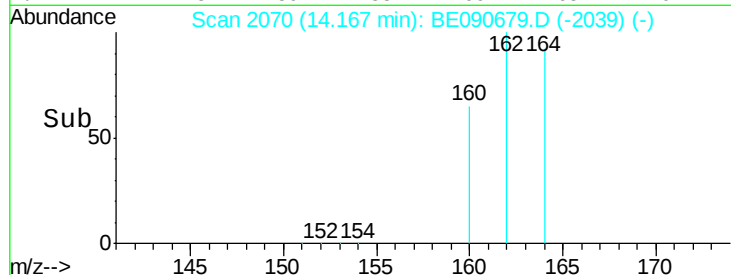
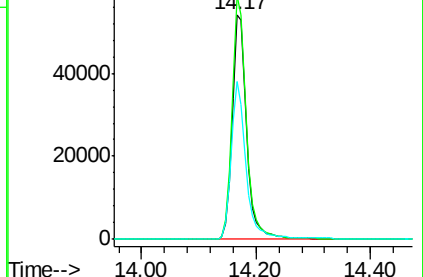
160 70.4 53.9 80.9



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: 7.67 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090679.D

Acq: 1 Sep 2015 22:57

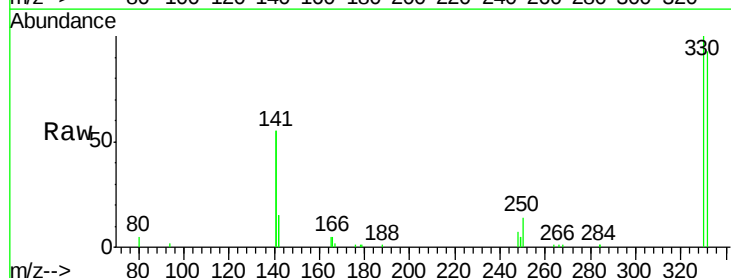
Tgt Ion:330 Resp: 20724

Ion Ratio Lower Upper

330 100

332 96.3 74.9 112.3

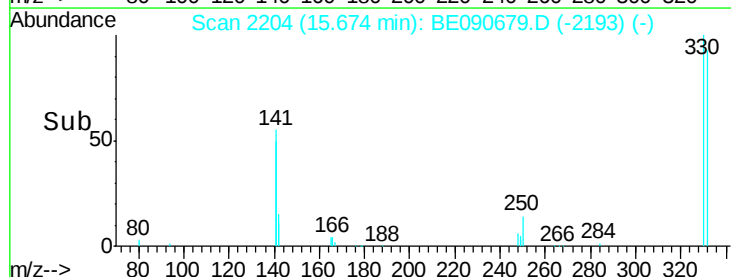
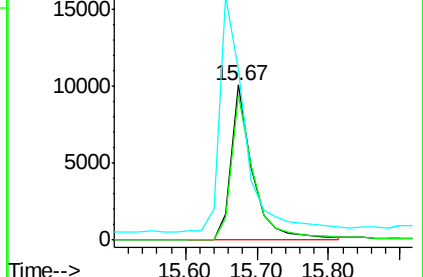
141 179.2 145.2 217.8

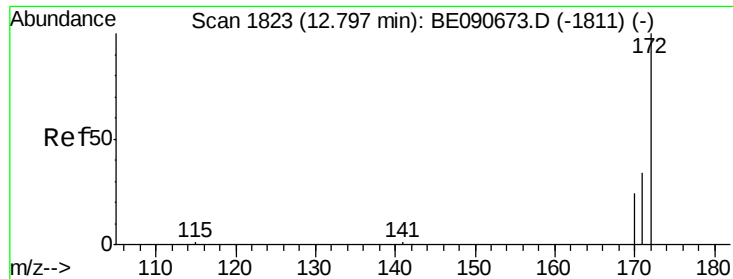


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

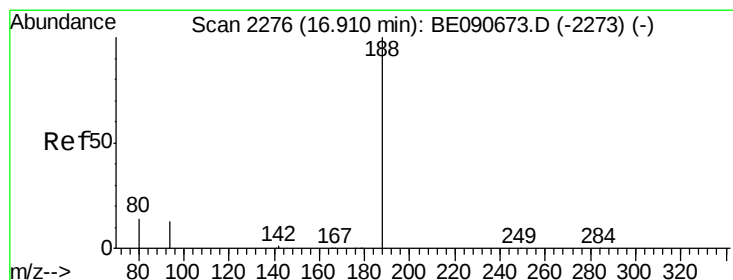
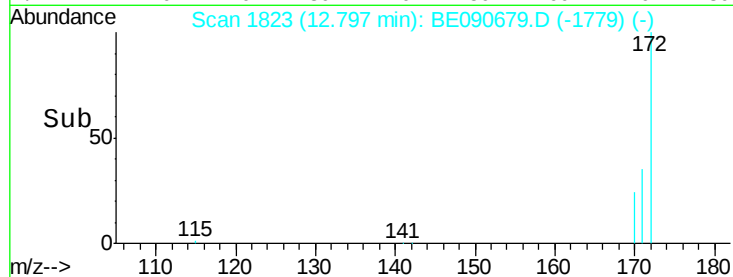
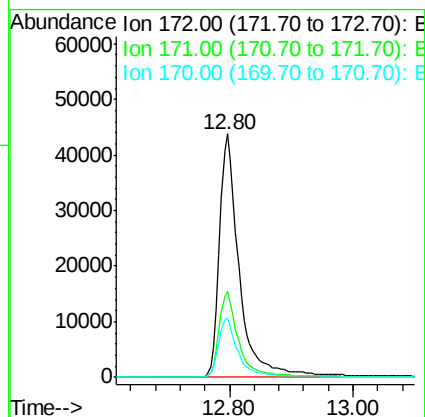
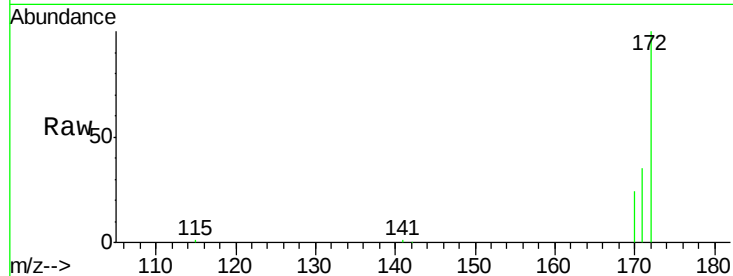




#14
 2-Fluorobiphenyl
 Concen: 3.83 ng
 RT: 12.80 min Scan# 1823
 Delta R.T. -0.00 min
 Lab File: BE090679.D
 Acq: 1 Sep 2015 22:57

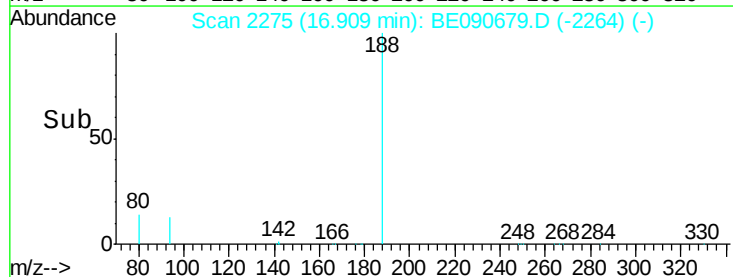
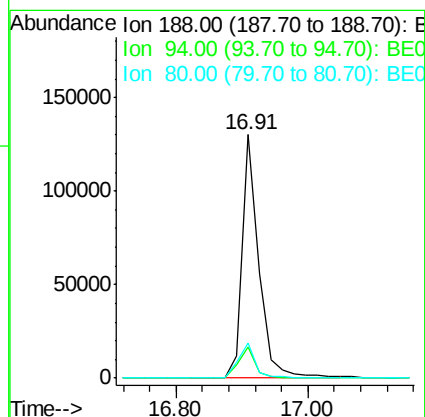
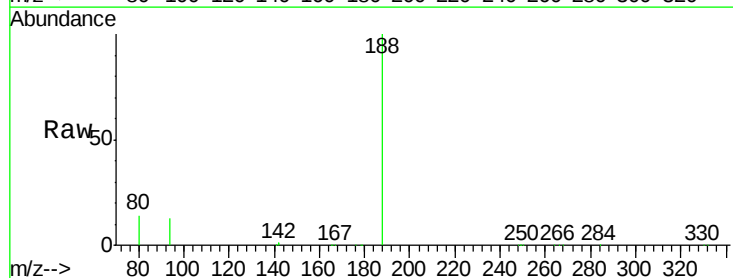
Instrument :
 BNA_E
 ClientSampleId :
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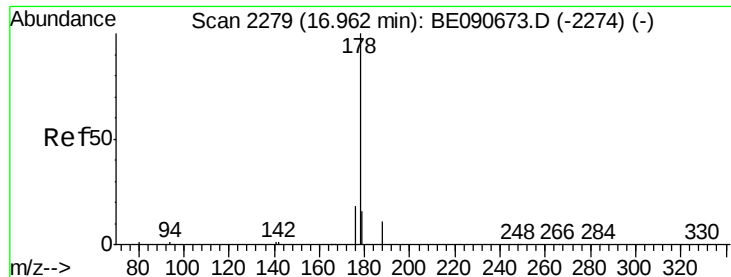
Tgt Ion:172 Resp: 97634
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.8 41.8
 170 24.2 19.8 29.6



#18
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.91 min Scan# 2275
 Delta R.T. -0.00 min
 Lab File: BE090679.D
 Acq: 1 Sep 2015 22:57

Tgt Ion:188 Resp: 227742
 Ion Ratio Lower Upper
 188 100
 94 13.0 10.3 15.5
 80 14.2 11.0 16.6





#22

Phenanthrene

Concen: 0.03 ng

RT: 16.96 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BE090679.D

Acq: 1 Sep 2015 22:57

Instrument :

BNA_E

ClientSampled :

MW-3

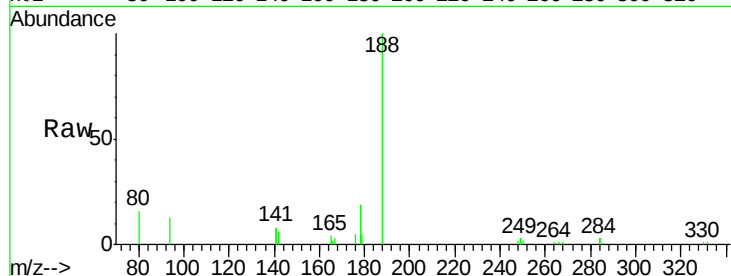
Tgt Ion:178 Resp: 1570

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

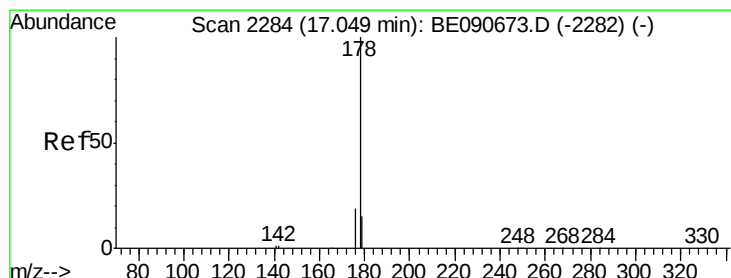
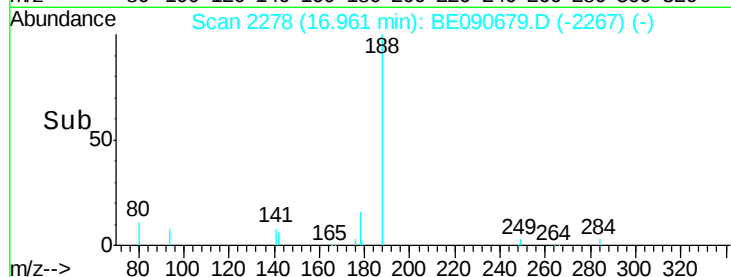
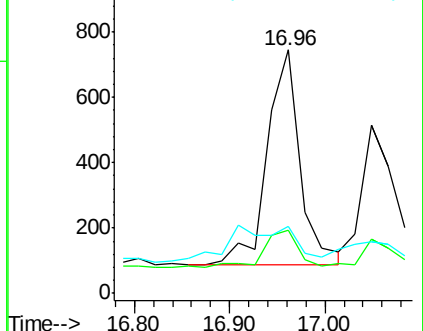
179 0.0 12.8 19.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#23

Anthracene

Concen: 0.02 ng

RT: 17.05 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BE090679.D

Acq: 1 Sep 2015 22:57

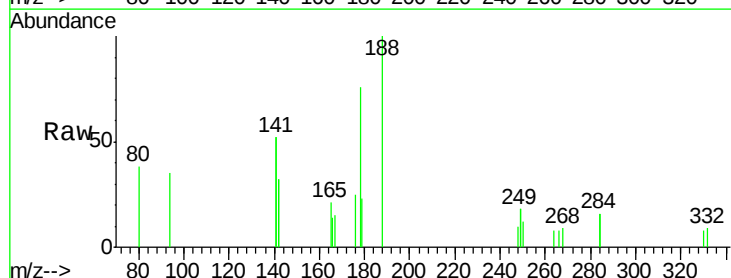
Tgt Ion:178 Resp: 956

Ion Ratio Lower Upper

178 100

176 28.6 15.0 22.6#

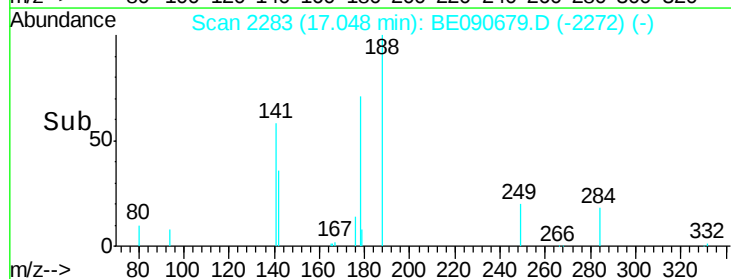
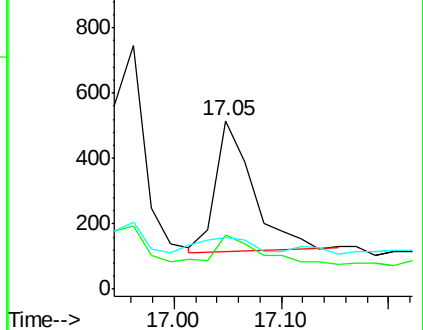
179 18.3 12.3 18.5

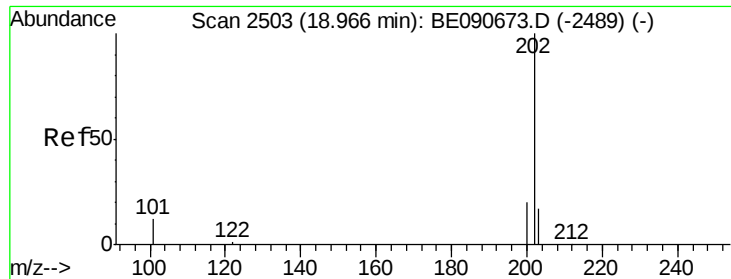


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

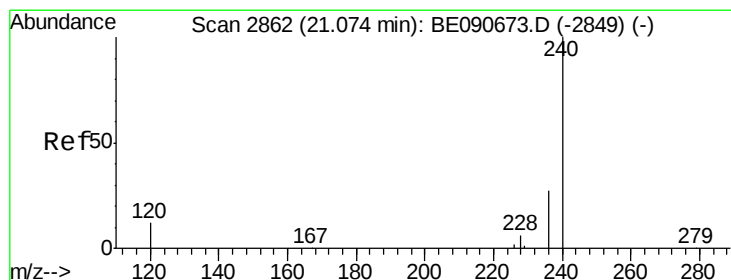
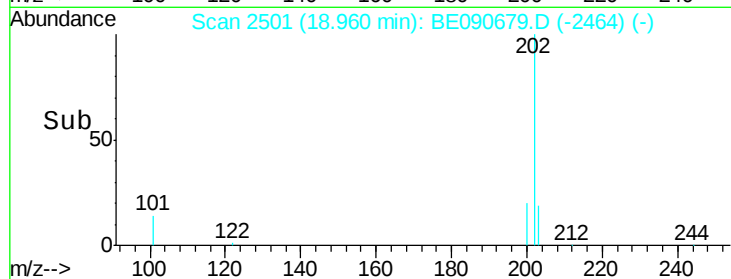
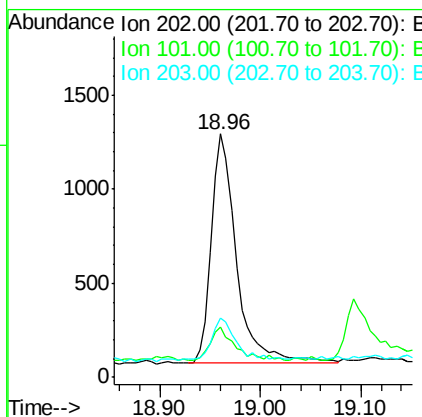
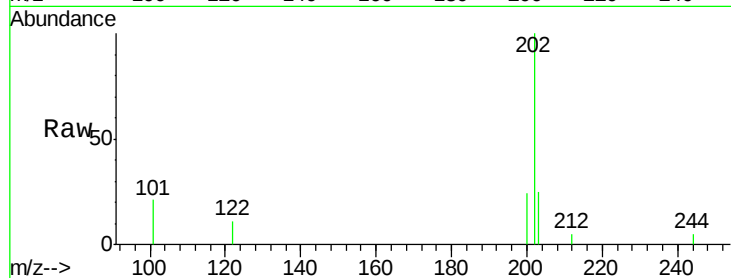




#24
 Fluoranthene
 Concen: 0.04 ng
 RT: 18.96 min Scan# 2501
 Delta R.T. -0.01 min
 Lab File: BE090679.D
 Acq: 1 Sep 2015 22:57

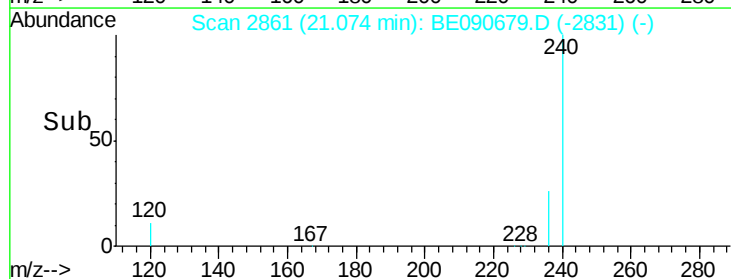
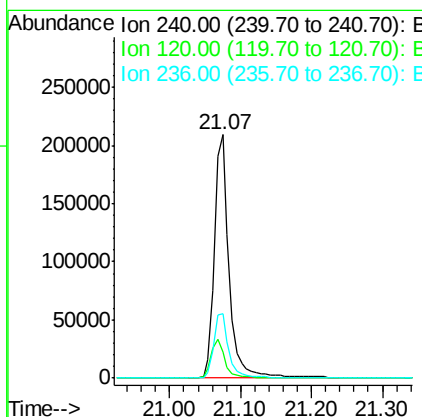
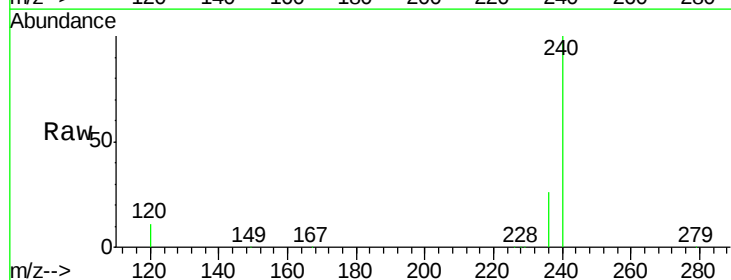
Instrument :
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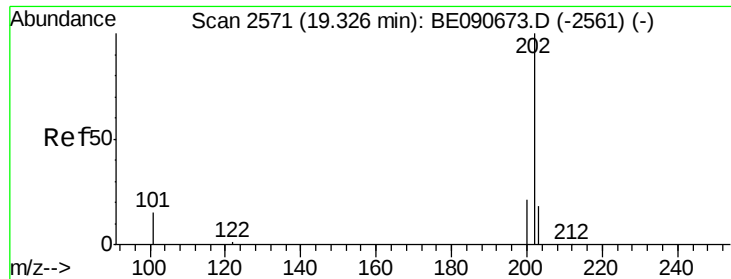
Tgt Ion:202 Resp: 2096
 Ion Ratio Lower Upper
 202 100
 101 13.9 11.0 16.6
 203 18.2 13.9 20.9



#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.07 min Scan# 2861
 Delta R.T. 0.00 min
 Lab File: BE090679.D
 Acq: 1 Sep 2015 22:57

Tgt Ion:240 Resp: 303298
 Ion Ratio Lower Upper
 240 100
 120 10.6 10.1 15.1
 236 26.2 21.9 32.9

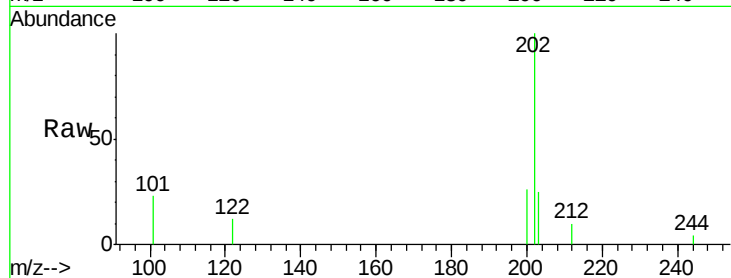




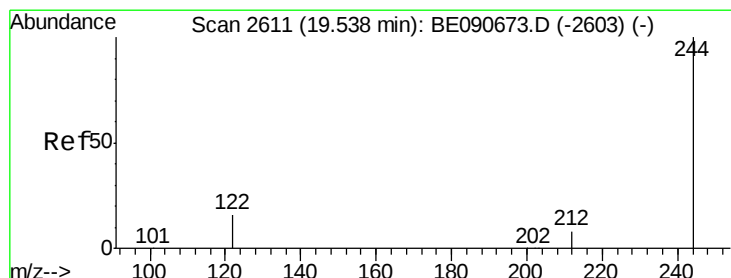
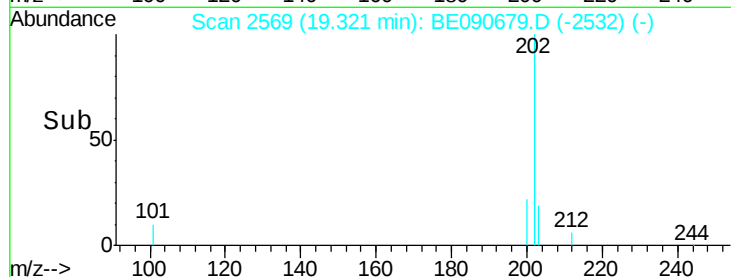
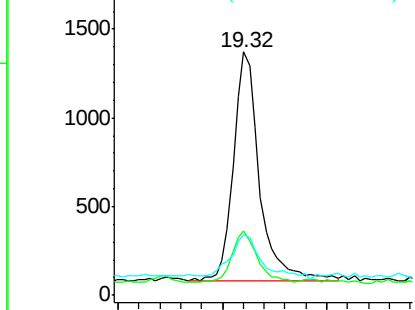
#26
Pyrene
Concen: 0.04 ng
RT: 19.32 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BE090679.D
Acq: 1 Sep 2015 22:57

Instrument :
BNA_E
ClientSampleId :
MW-3

Tgt Ion: 202 Resp: 2251
Ion Ratio Lower Upper
202 100
200 21.8 16.7 25.1
203 23.9 13.8 20.6#

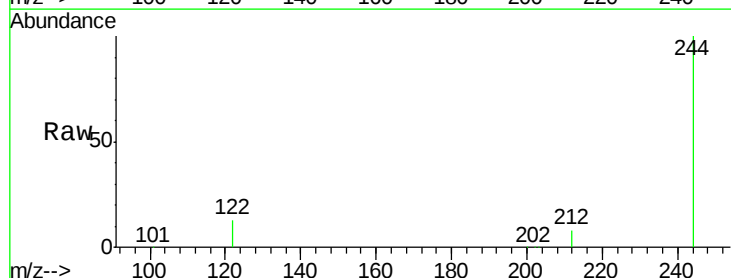


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

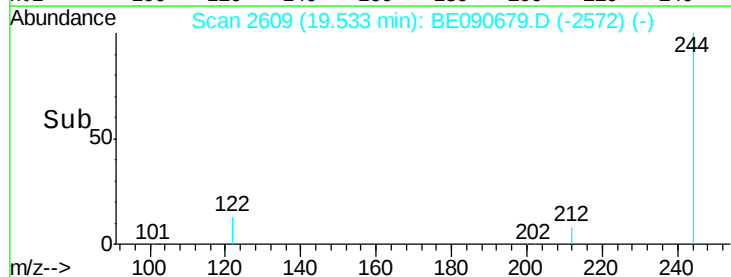
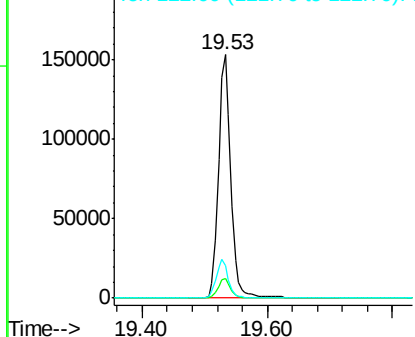


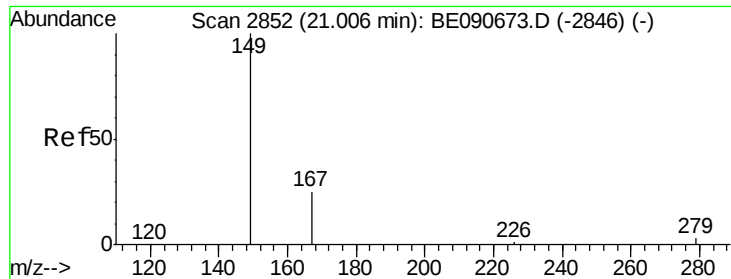
#27
Terphenyl-d14
Concen: 6.27 ng
RT: 19.53 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BE090679.D
Acq: 1 Sep 2015 22:57

Tgt Ion: 244 Resp: 210450
Ion Ratio Lower Upper
244 100
212 8.0 6.9 10.3
122 13.4 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

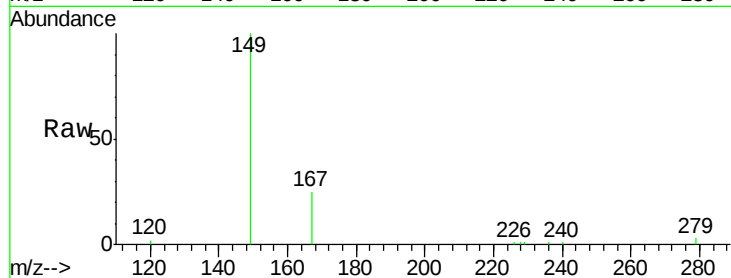




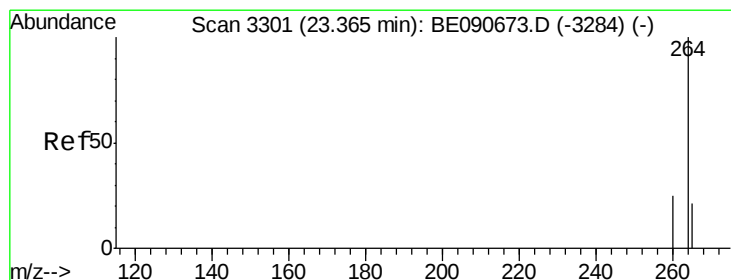
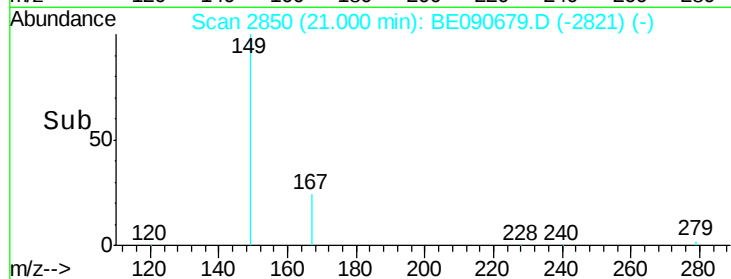
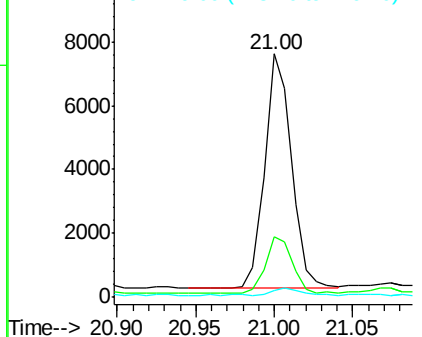
#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.55 ng
 RT: 21.00 min Scan# 2850
 Delta R.T. -0.01 min
 Lab File: BE090679.D
 Acq: 1 Sep 2015 22:57

Instrument :
 BNA_E
 ClientSampleId :
 MW-3

Tgt Ion:149 Resp: 8741
 Ion Ratio Lower Upper
 149 100
 167 24.0 20.1 30.1
 279 3.1 2.3 3.5

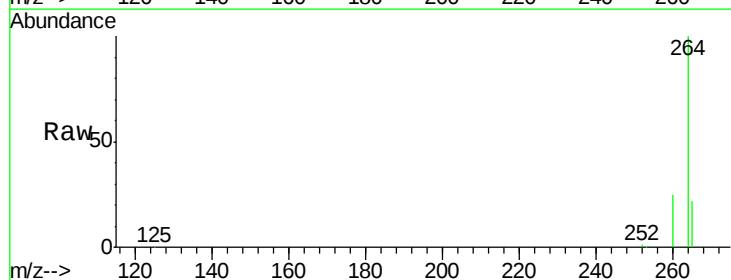


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.36 min Scan# 3299
 Delta R.T. -0.00 min
 Lab File: BE090679.D
 Acq: 1 Sep 2015 22:57

Tgt Ion:264 Resp: 276322
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.7 29.5
 265 22.0 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

