

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071615\
 Data File : BE090141.D
 Acq On : 17 Jul 2015 5:19
 Operator : TP/IZ
 Sample : G2948-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 YT-MW01

Quant Time: Jul 17 13:34:45 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 17 12:59:41 2015
 Response via : Initial Calibration

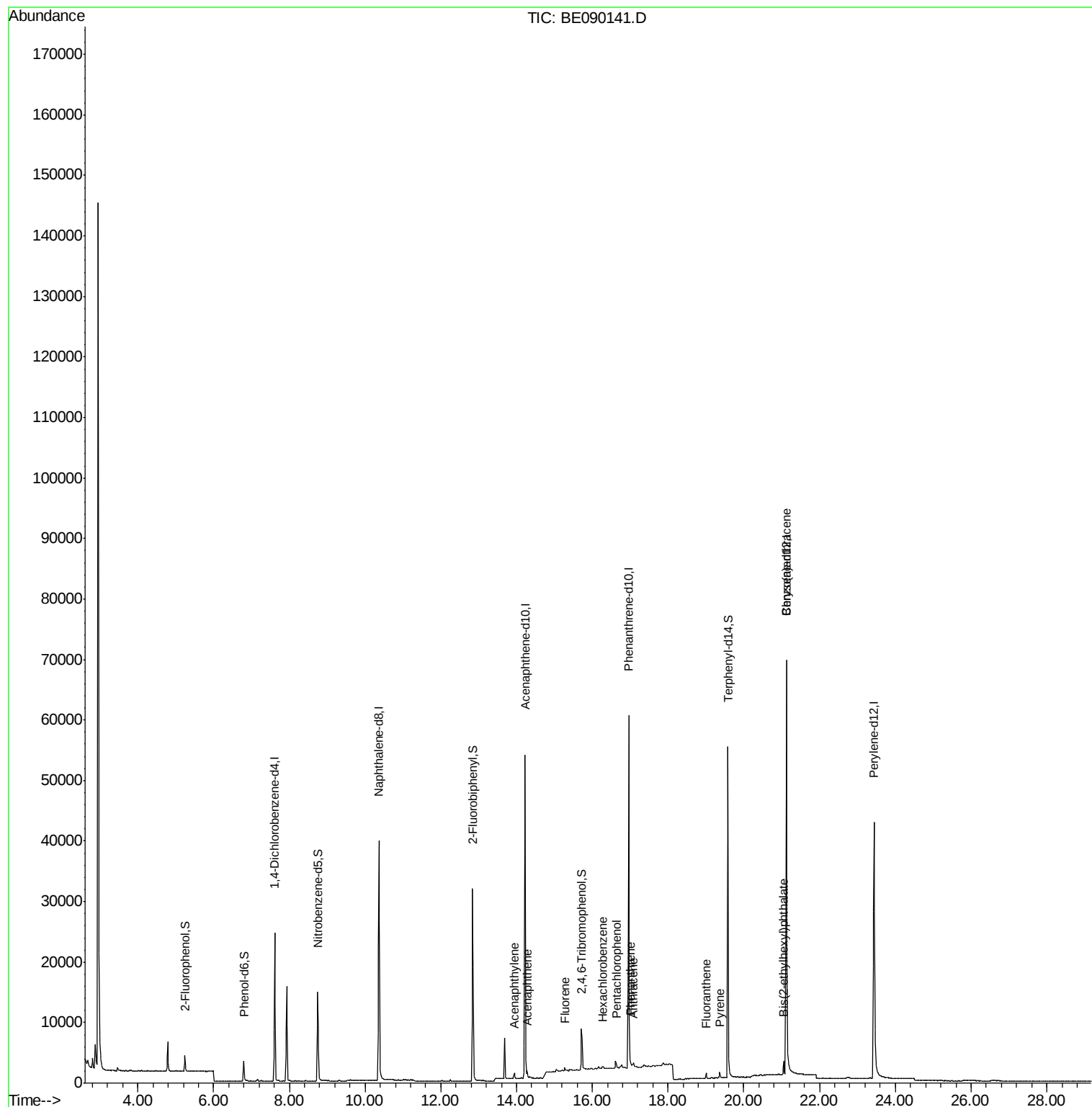
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	12115	5.00	ng	0.00
6) Naphthalene-d8	10.37	136	54945	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	30789	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	71382	5.00	ng	0.00
25) Chrysene-d12	21.12	240	75543	5.00	ng	0.00
32) Perylene-d12	23.43	264	66141	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	2078	0.80	ng	0.00
5) Phenol-d6	6.80	99	3938	1.07	ng	0.00
7) Nitrobenzene-d5	8.75	82	13776	3.38	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	3566	4.15	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	31471	3.32	ng	0.00
27) Terphenyl-d14	19.58	244	60902	4.81	ng	0.00
Target Compounds						Qvalue
15) Acenaphthylene	13.94	152	1277	0.02	ng	# 99
16) Acenaphthene	14.28	154	179	0.02	ng	# 96
17) Fluorene	15.27	166	402	0.04	ng	# 84
20) Hexachlorobenzene	16.28	284	282	0.02	ng	# 59
21) Pentachlorophenol	16.63	266	816	1.39	ng	# 95
22) Phenanthrene	17.00	178	562	0.03	ng	# 77
23) Anthracene	17.08	178	816	0.05	ng	# 91
24) Fluoranthene	19.00	202	895	0.05	ng	# 94
26) Pyrene	19.36	202	936	0.05	ng	# 96
28) Benzo(a)anthracene	21.11	228	639	0.05	ng	# 55
30) Bis(2-ethylhexyl)phthalate	21.05	149	2409	0.92	ng	# 94

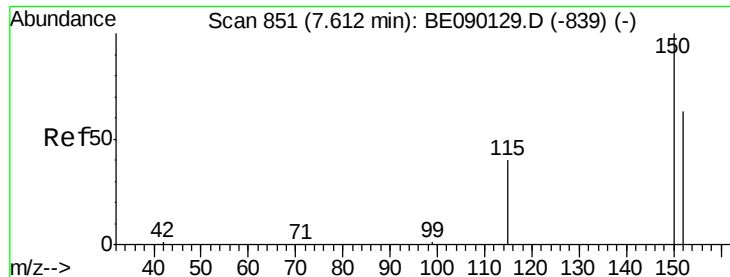
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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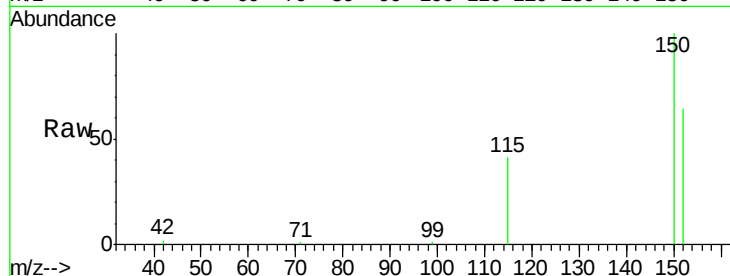




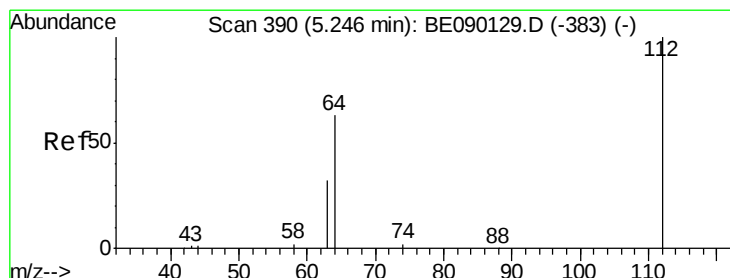
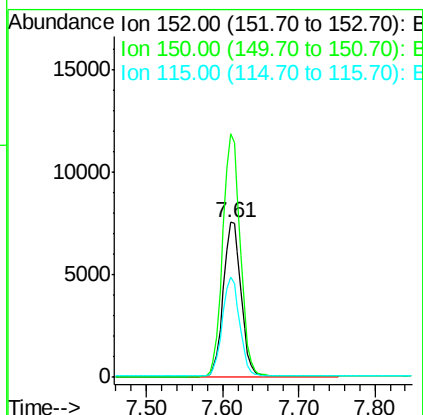
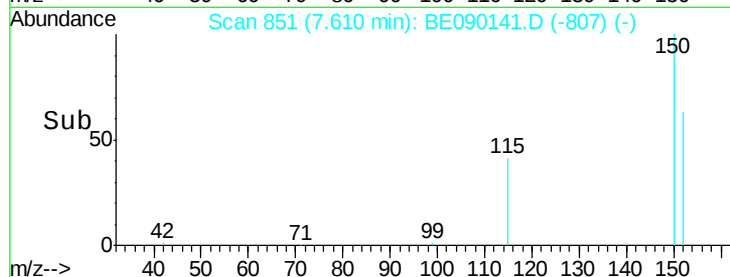
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.61 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BE090141.D
 Acq: 17 Jul 2015 5:19

Instrument :
 BNA_E
 ClientSampleId :
 YT-MW01

Tgt Ion:152 Resp: 12115
 Ion Ratio Lower Upper
 152 100
 150 157.4 127.3 190.9
 115 64.4 51.0 76.4

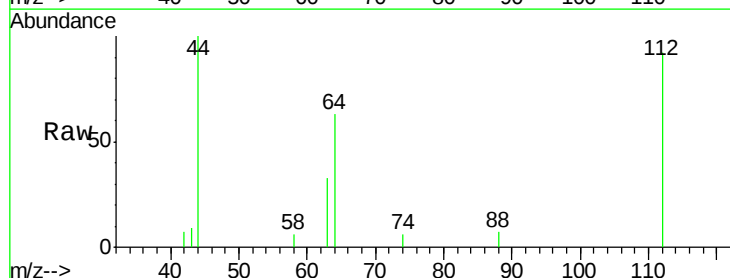


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

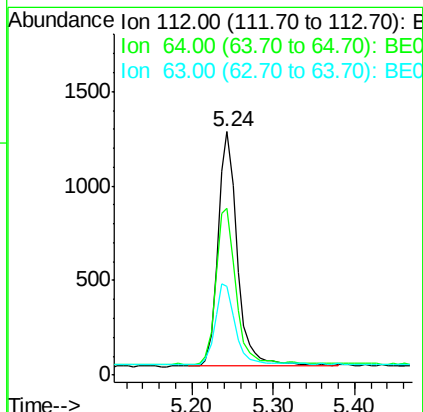
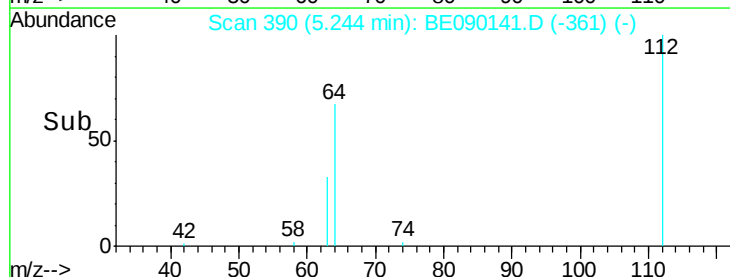


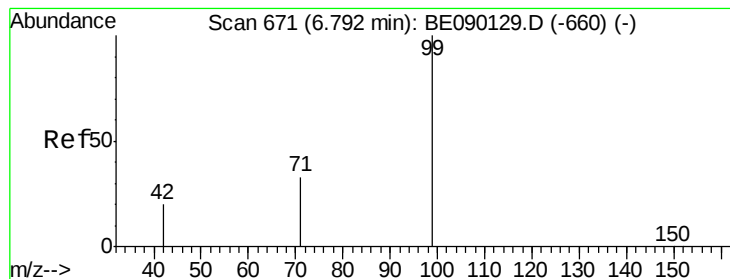
#4
 2-Fluorophenol
 Concen: 0.80 ng
 RT: 5.24 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: BE090141.D
 Acq: 17 Jul 2015 5:19

Tgt Ion:112 Resp: 2078
 Ion Ratio Lower Upper
 112 100
 64 68.6 55.4 83.2
 63 35.7 29.3 43.9



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: 1.07 ng

RT: 6.80 min Scan# 672

Delta R.T. 0.00 min

Lab File: BE090141.D

Acq: 17 Jul 2015 5:19

Instrument :

BNA_E

ClientSampleId :

YT-MW01

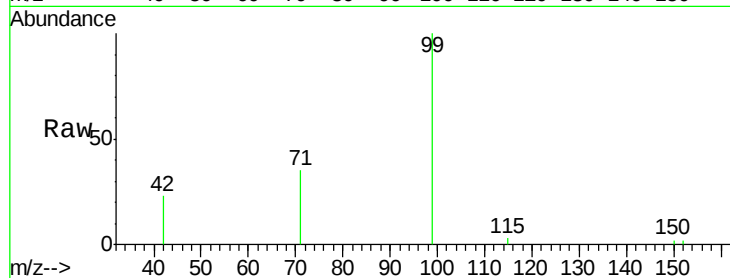
Tgt Ion: 99 Resp: 3938

Ion Ratio Lower Upper

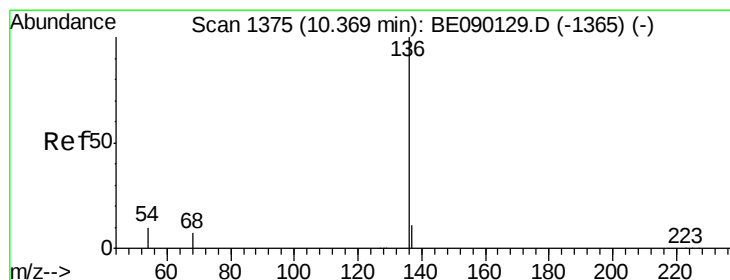
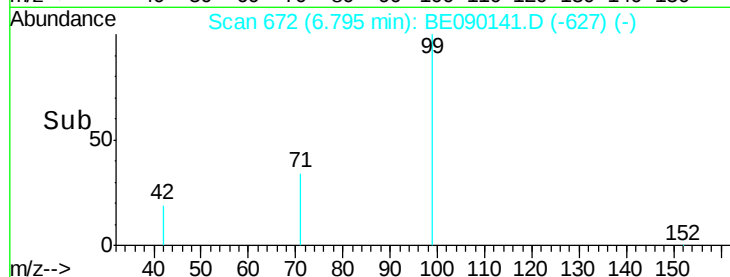
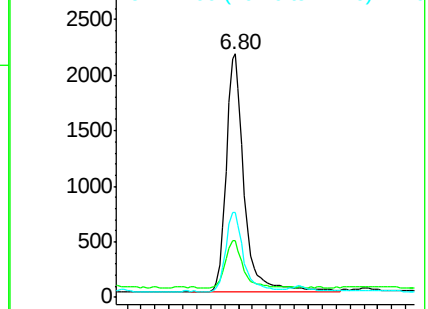
99 100

42 19.6 16.8 25.2

71 33.5 26.6 39.8



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: 10.37 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE090141.D

Acq: 17 Jul 2015 5:19

Tgt Ion: 136 Resp: 54945

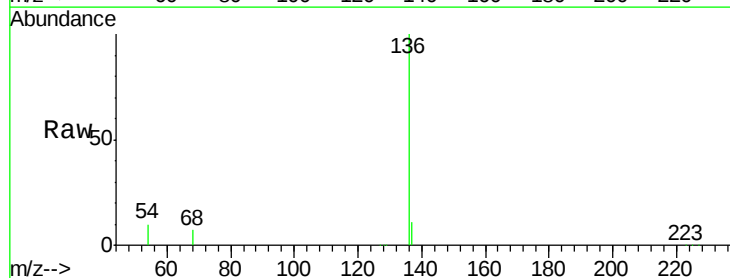
Ion Ratio Lower Upper

136 100

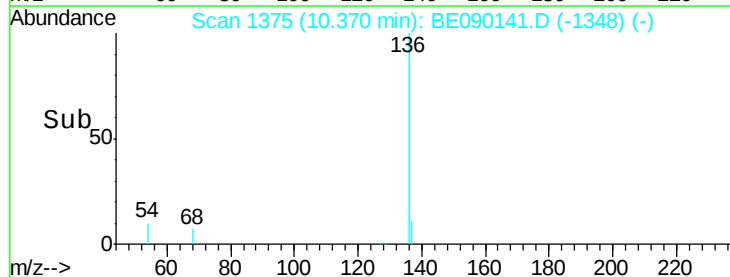
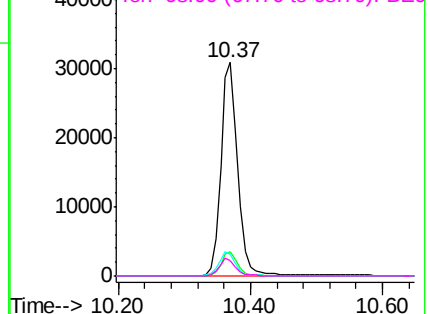
137 11.1 8.9 13.3

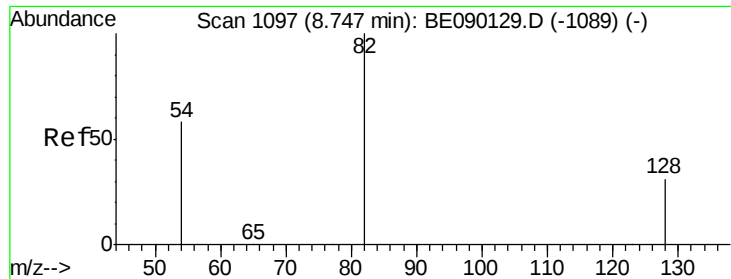
54 10.2 7.8 11.8

68 7.4 5.8 8.8



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: 3.38 ng

RT: 8.75 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BE090141.D

Acq: 17 Jul 2015 5:19

Instrument :

BNA_E

ClientSampleId :

YT-MW01

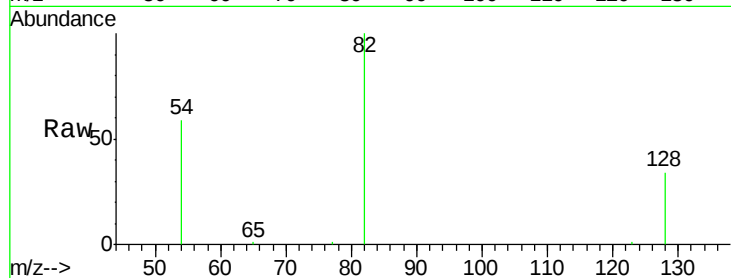
Tgt Ion: 82 Resp: 13776

Ion Ratio Lower Upper

82 100

128 33.9 26.2 39.2

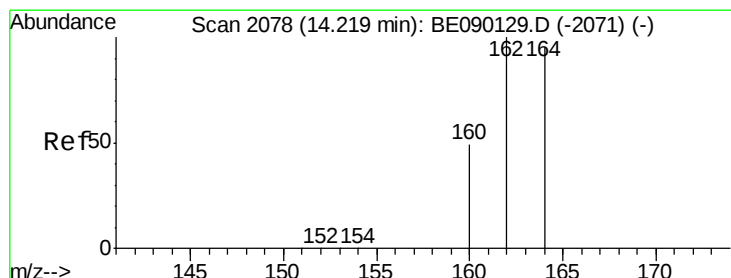
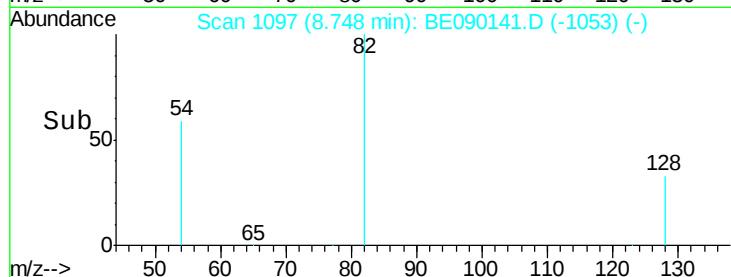
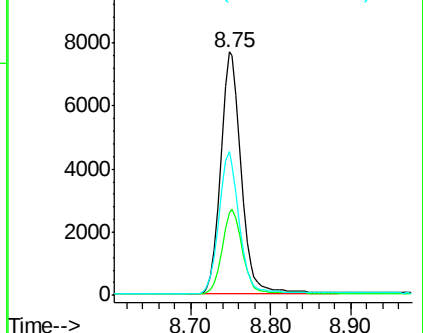
54 59.0 47.1 70.7



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: 14.22 min Scan# 2078

Delta R.T. 0.00 min

Lab File: BE090141.D

Acq: 17 Jul 2015 5:19

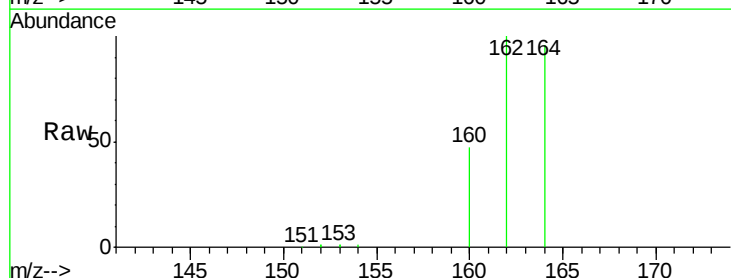
Tgt Ion: 164 Resp: 30789

Ion Ratio Lower Upper

164 100

162 104.0 84.0 126.0

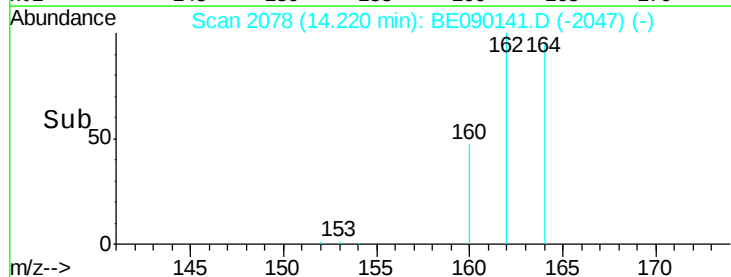
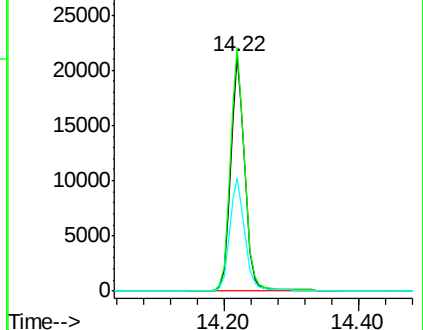
160 48.5 41.1 61.7

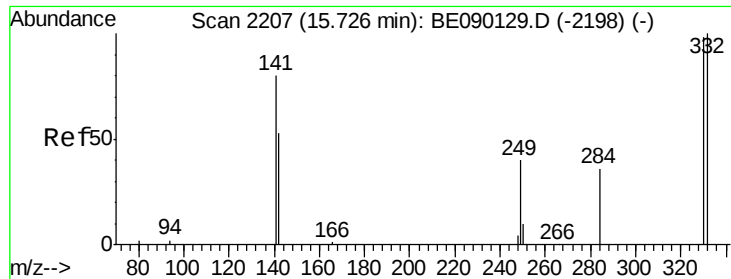


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

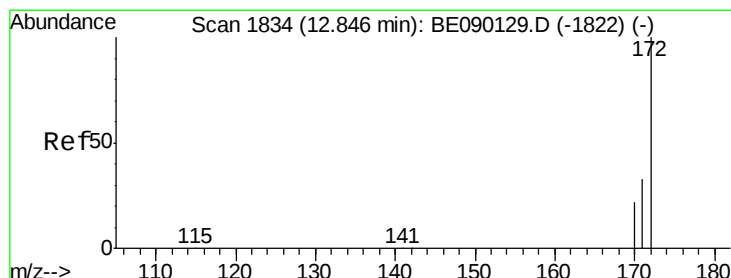
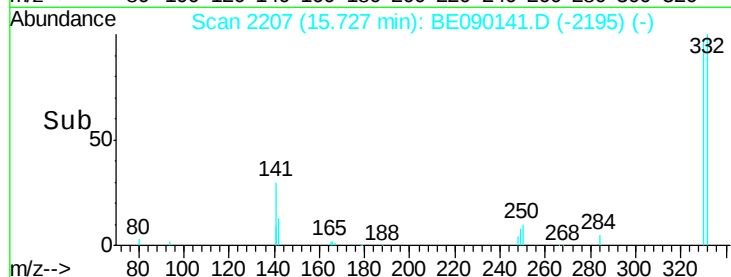
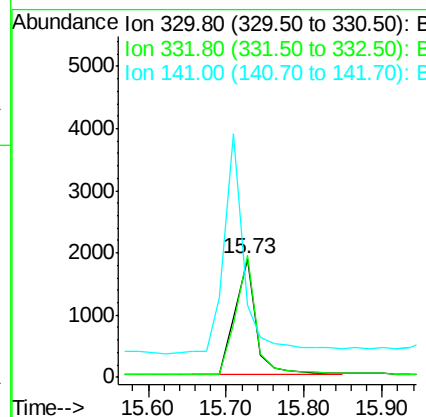
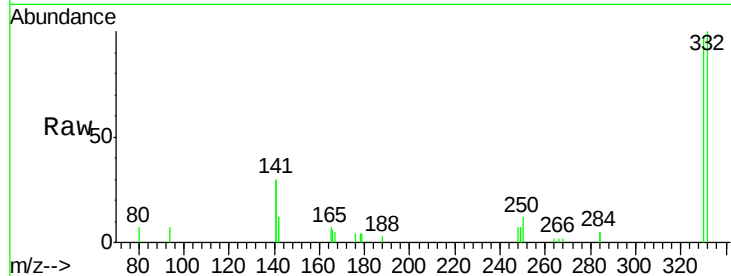




#13
 2,4,6-Tribromophenol
 Concen: 4.15 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: BE090141.D
 Acq: 17 Jul 2015 5:19

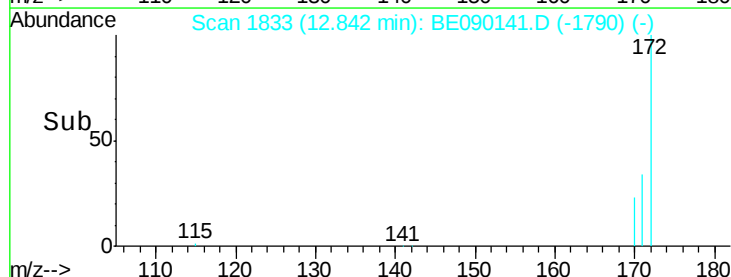
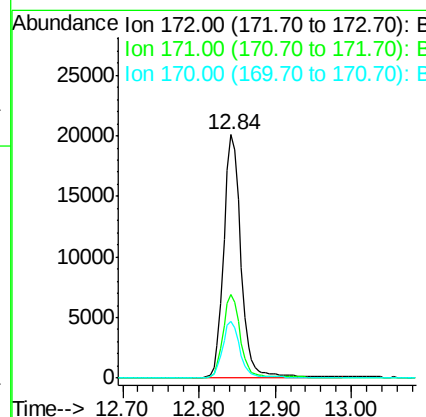
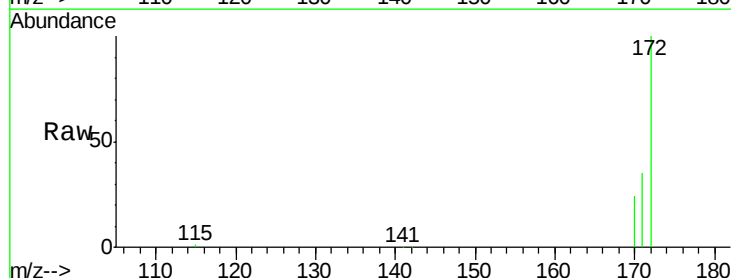
Instrument :
 BNA_E
 ClientSampleId :
 YT-MW01

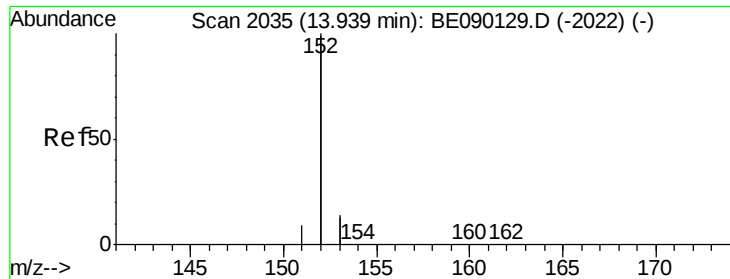
Tgt Ion: 330 Resp: 3566
 Ion Ratio Lower Upper
 330 100
 332 99.1 79.4 119.0
 141 187.5 160.2 240.2



#14
 2-Fluorobiphenyl
 Concen: 3.32 ng
 RT: 12.84 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BE090141.D
 Acq: 17 Jul 2015 5:19

Tgt Ion: 172 Resp: 31471
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.1 40.7
 170 23.5 17.9 26.9





#15

Acenaphthylene

Concen: 0.02 ng

RT: 13.94 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BE090141.D

Acq: 17 Jul 2015 5:19

Instrument :

BNA_E

ClientSampleId :

YT-MW01

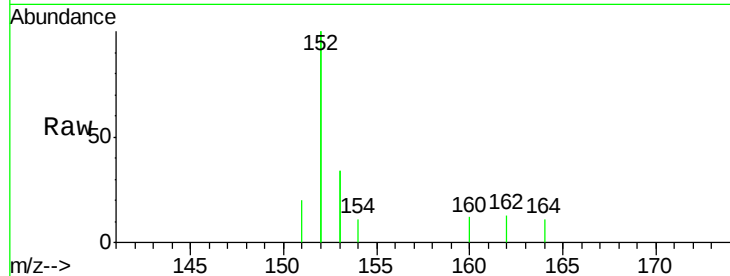
Tgt Ion:152 Resp: 1277

Ion Ratio Lower Upper

152 100

151 5.8 3.8 5.8#

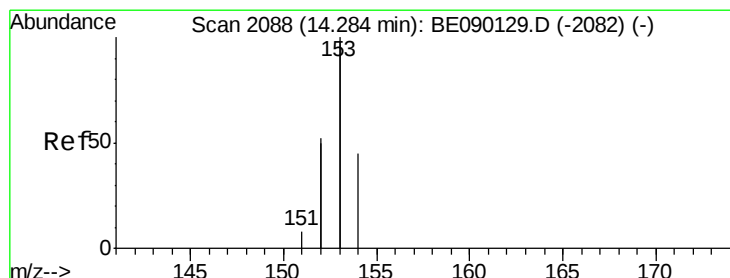
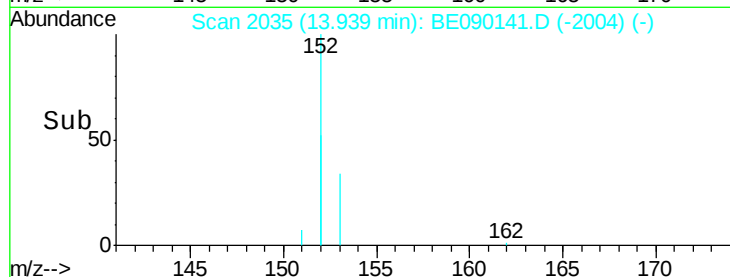
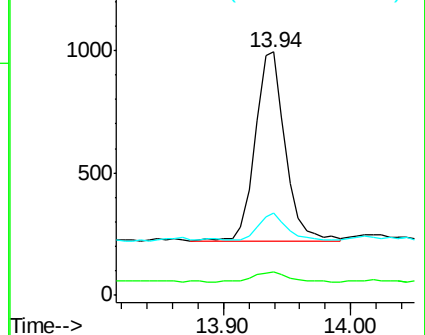
153 12.7 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.02 ng

RT: 14.28 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BE090141.D

Acq: 17 Jul 2015 5:19

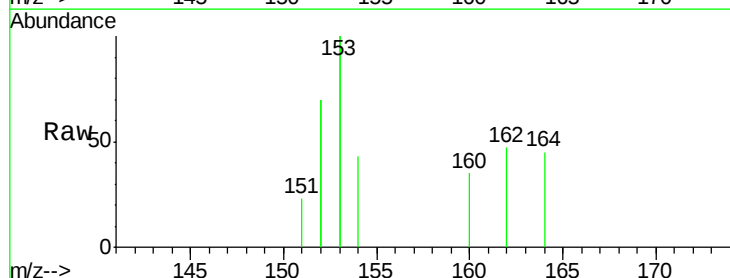
Tgt Ion:154 Resp: 179

Ion Ratio Lower Upper

154 100

153 465.4 369.5 554.3

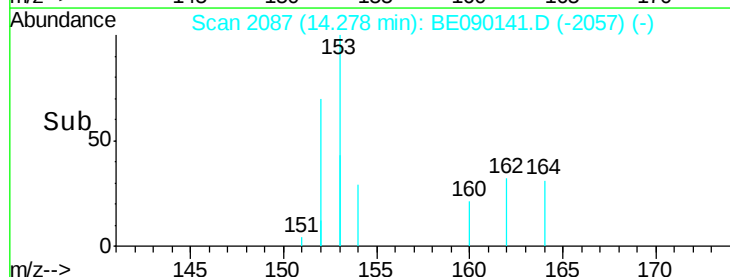
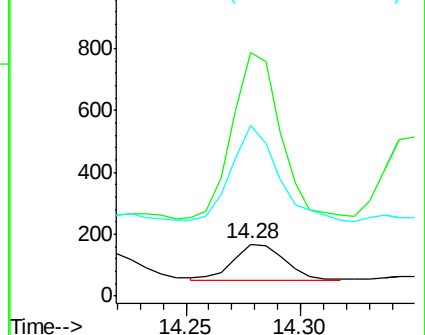
152 269.8 202.2 303.4

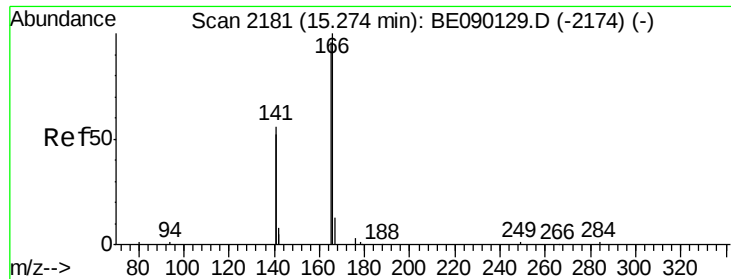


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

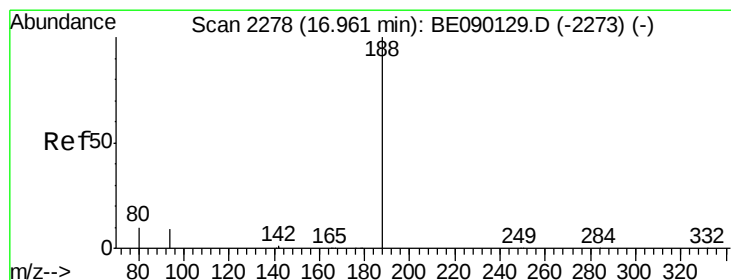
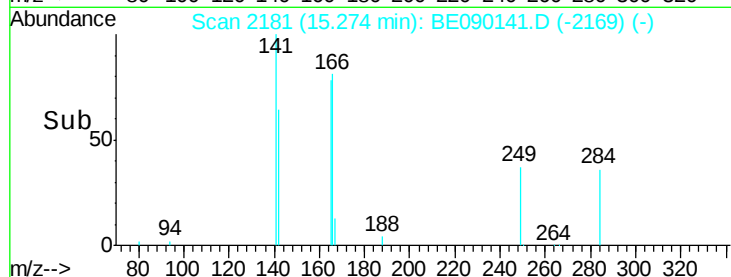
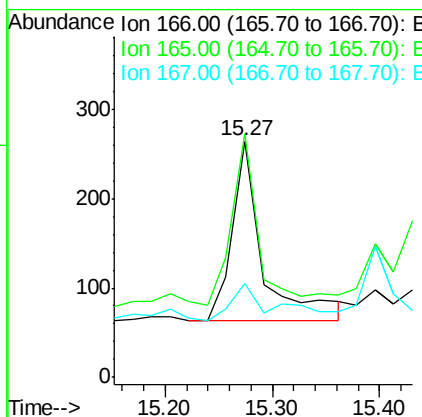
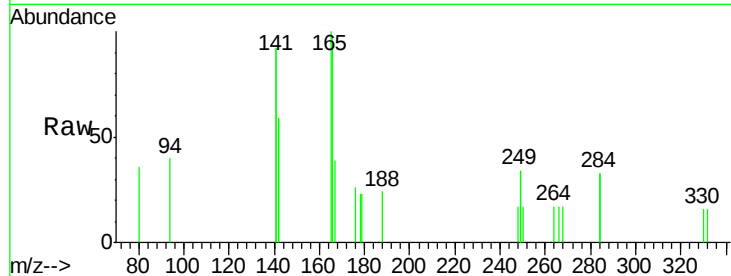




#17
Fluorene
 Concen: 0.04 ng
 RT: 15.27 min Scan# 2181
 Delta R.T. 0.00 min
 Lab File: BE090141.D
 Acq: 17 Jul 2015 5:19

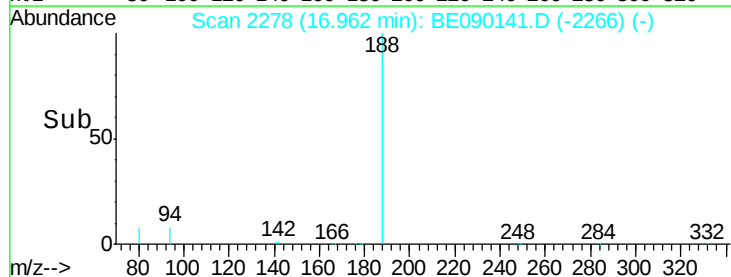
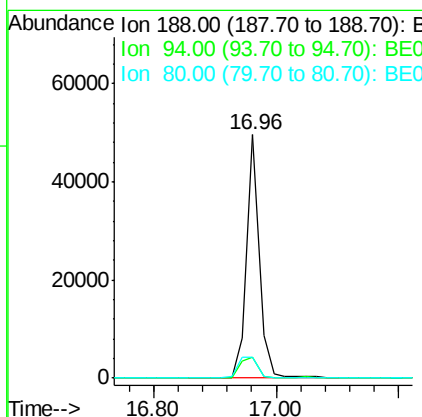
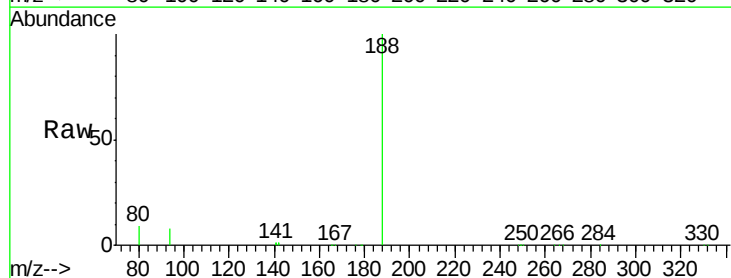
Instrument :
 BNA_E
 ClientSampleId :
 YT-MW01

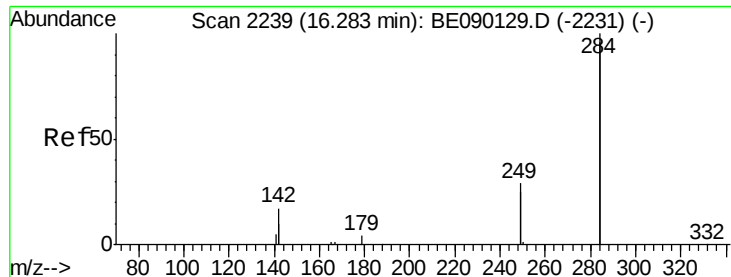
Tgt Ion:166 Resp: 402
 Ion Ratio Lower Upper
 166 100
 165 110.0 78.7 118.1
 167 31.6 11.1 16.7#



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.96 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BE090141.D
 Acq: 17 Jul 2015 5:19

Tgt Ion:188 Resp: 71382
 Ion Ratio Lower Upper
 188 100
 94 8.4 7.3 10.9
 80 8.6 8.0 12.0





#20

Hexachlorobenzene

Concen: 0.02 ng

RT: 16.28 min Scan# 2239

Delta R.T. 0.00 min

Lab File: BE090141.D

Acq: 17 Jul 2015 5:19

Instrument :

BNA_E

ClientSampled :

YT-MW01

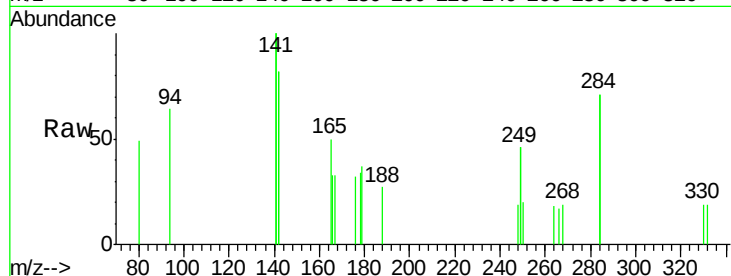
Tgt Ion:284 Resp: 282

Ion Ratio Lower Upper

284 100

142 82.3 30.2 45.4#

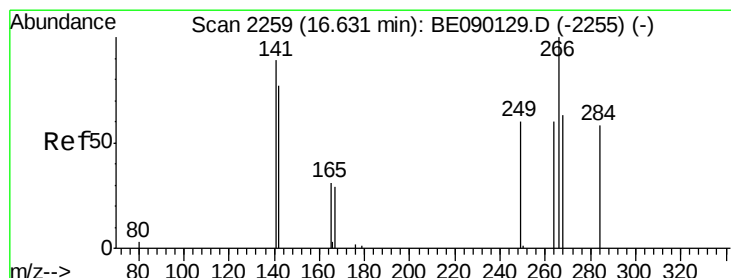
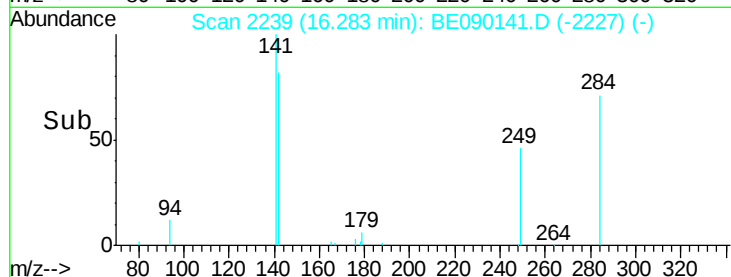
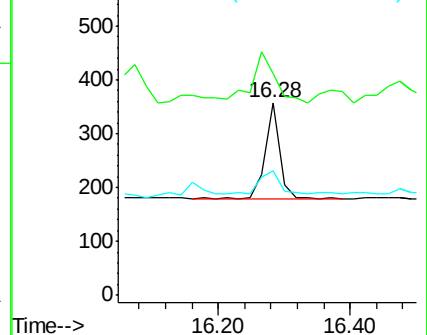
249 31.2 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#21

Pentachlorophenol

Concen: 1.39 ng

RT: 16.63 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BE090141.D

Acq: 17 Jul 2015 5:19

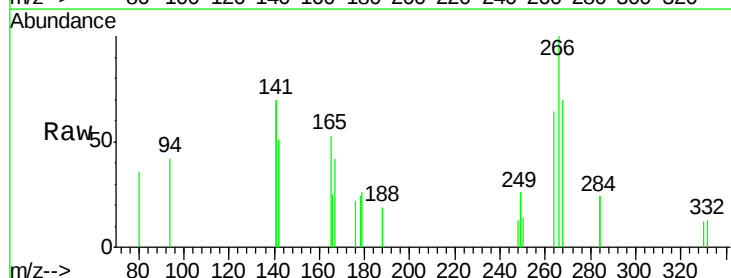
Tgt Ion:266 Resp: 816

Ion Ratio Lower Upper

266 100

268 69.6 58.2 87.2

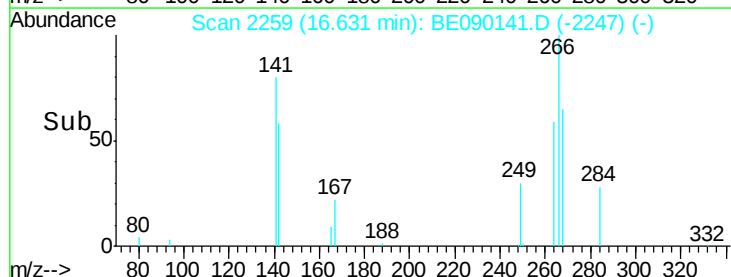
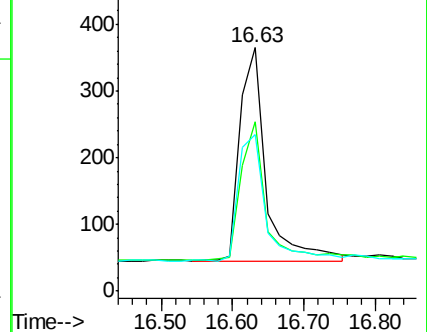
264 64.1 55.8 83.6

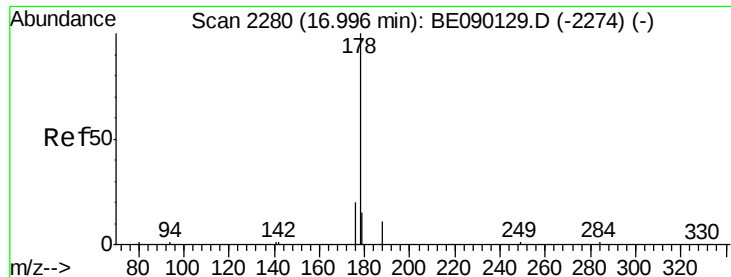


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#22

Phenanthrene

Concen: 0.03 ng

RT: 17.00 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE090141.D

Acq: 17 Jul 2015 5:19

Instrument :

BNA_E

ClientSampleId :

YT-MW01

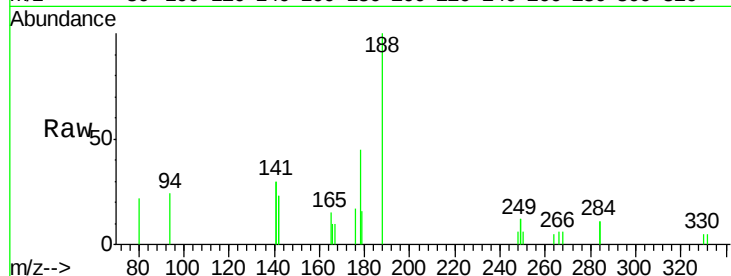
Tgt Ion:178 Resp: 562

Ion Ratio Lower Upper

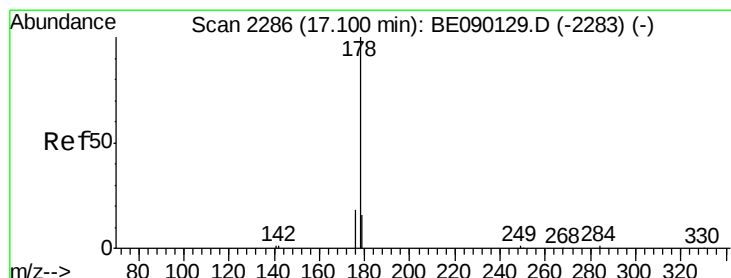
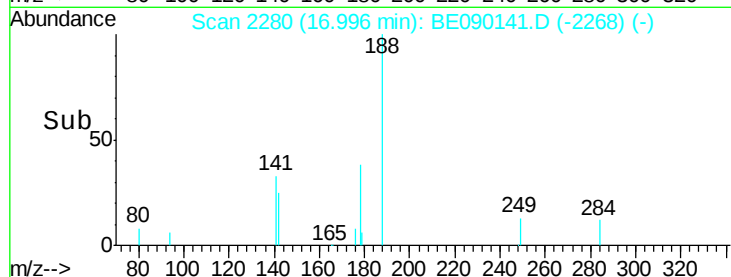
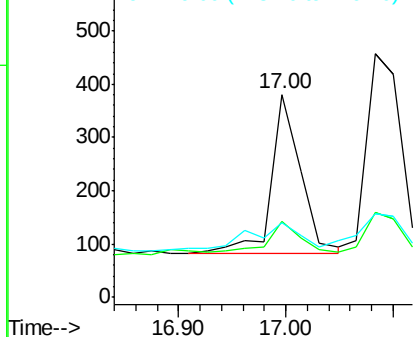
178 100

176 21.2 15.1 22.7

179 34.5 12.2 18.4#



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: 0.05 ng

RT: 17.08 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BE090141.D

Acq: 17 Jul 2015 5:19

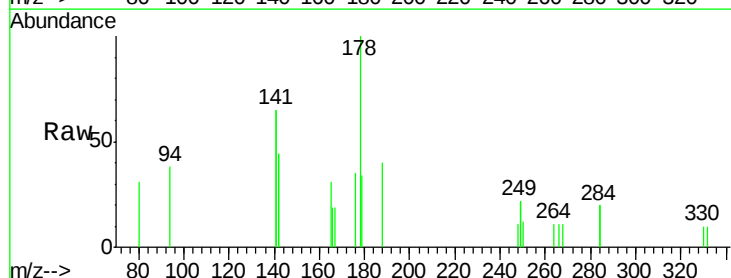
Tgt Ion:178 Resp: 816

Ion Ratio Lower Upper

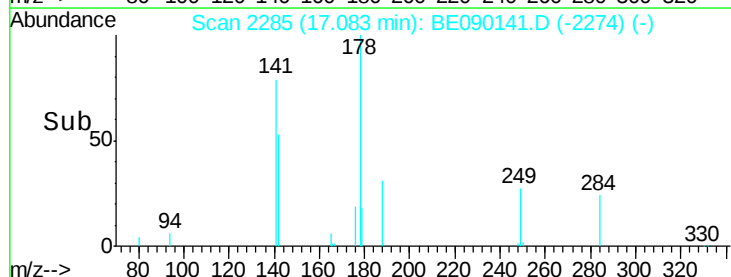
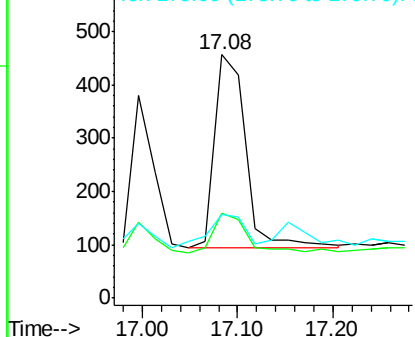
178 100

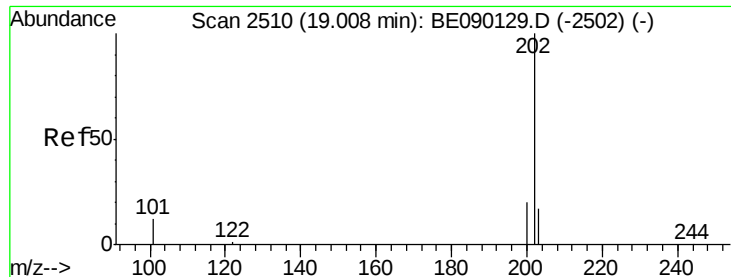
176 21.6 14.7 22.1

179 20.0 12.2 18.4#



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

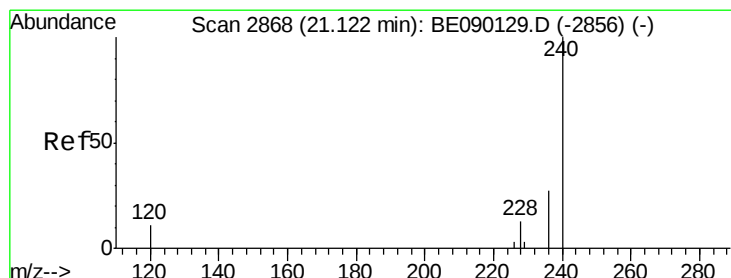
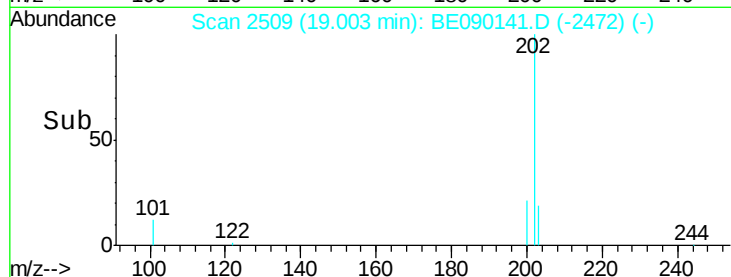
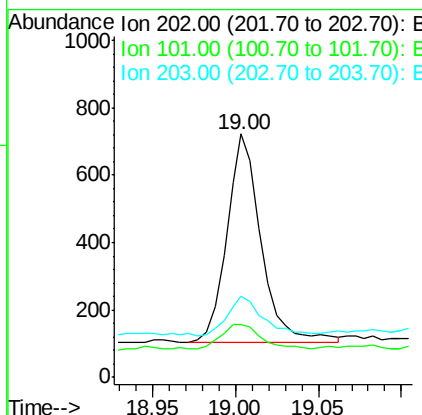
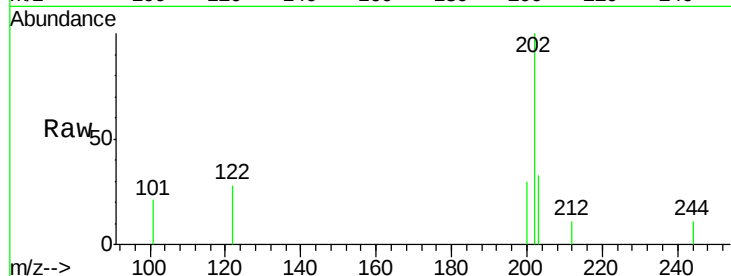




#24
Fluoranthene
Concen: 0.05 ng
RT: 19.00 min Scan# 2509
Delta R.T. -0.00 min
Lab File: BE090141.D
Acq: 17 Jul 2015 5:19

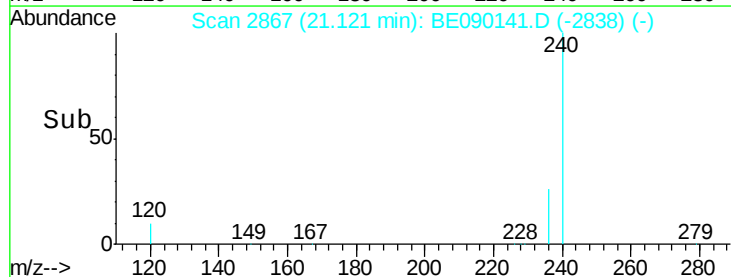
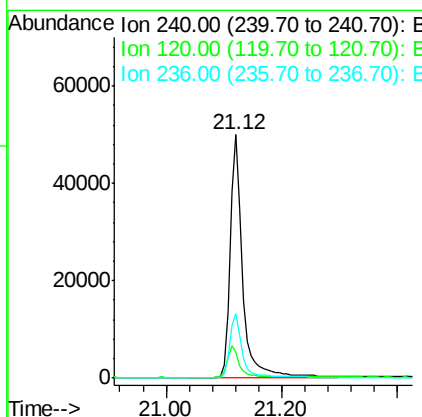
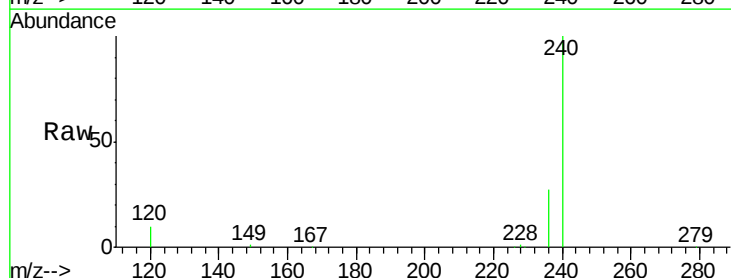
Instrument :
BNA_E
ClientSampleId :
YT-MW01

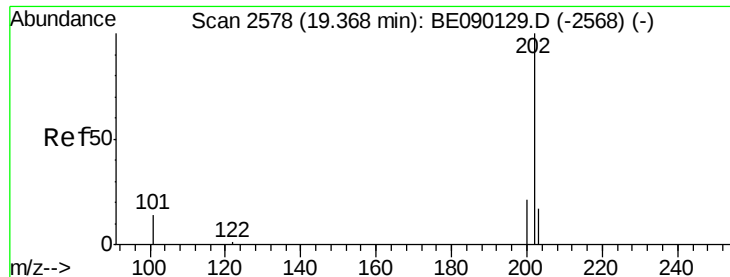
Tgt Ion:202 Resp: 895
Ion Ratio Lower Upper
202 100
101 14.3 10.1 15.1
203 20.2 13.8 20.8



#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.12 min Scan# 2867
Delta R.T. -0.00 min
Lab File: BE090141.D
Acq: 17 Jul 2015 5:19

Tgt Ion:240 Resp: 75543
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 26.6 21.4 32.0





#26

Pyrene

Concen: 0.05 ng

RT: 19.36 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BE090141.D

Acq: 17 Jul 2015 5:19

Instrument :

BNA_E

ClientSampleId :

YT-MW01

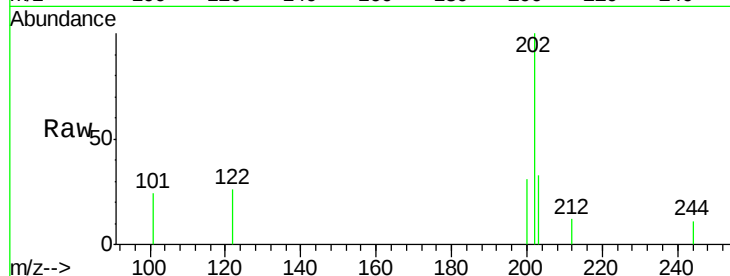
Tgt Ion:202 Resp: 936

Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

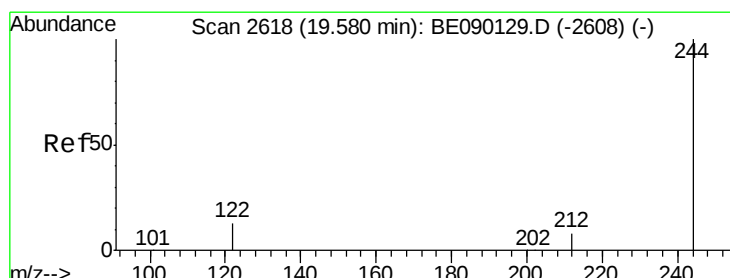
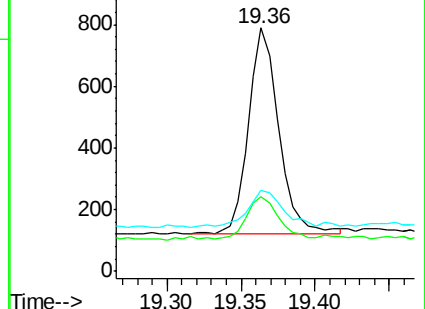
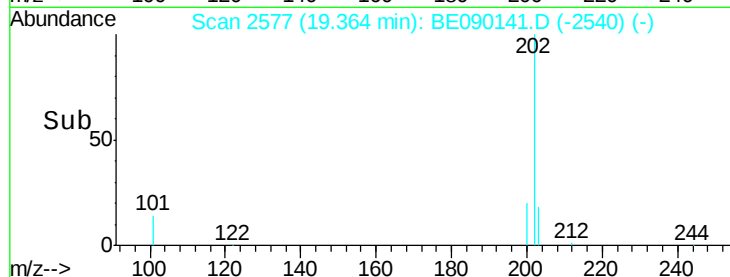
203 21.4 13.9 20.9#



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: 4.81 ng

RT: 19.58 min Scan# 2617

Delta R.T. -0.00 min

Lab File: BE090141.D

Acq: 17 Jul 2015 5:19

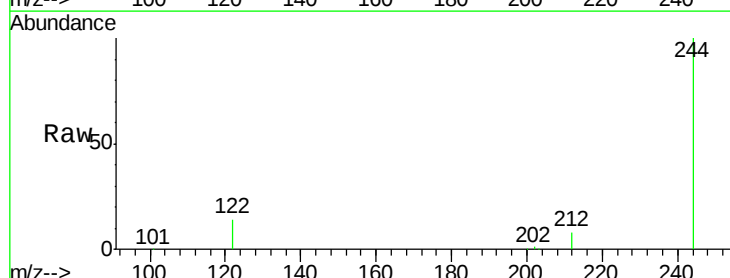
Tgt Ion:244 Resp: 60902

Ion Ratio Lower Upper

244 100

212 8.2 6.7 10.1

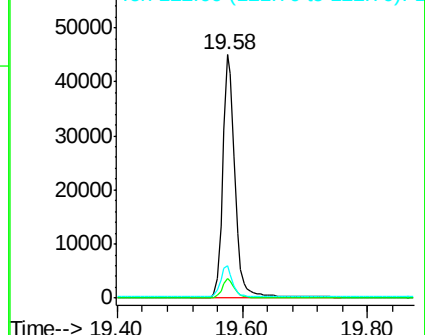
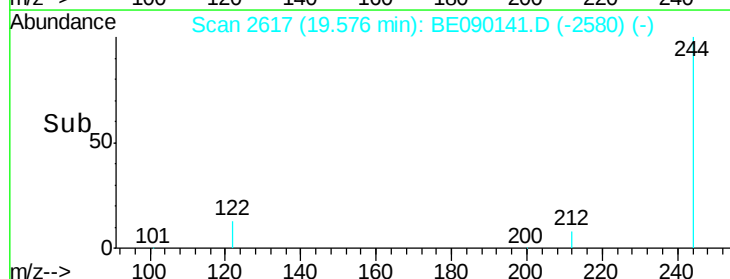
122 13.5 10.7 16.1

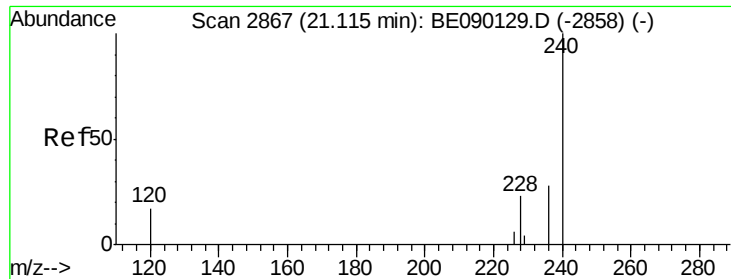


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

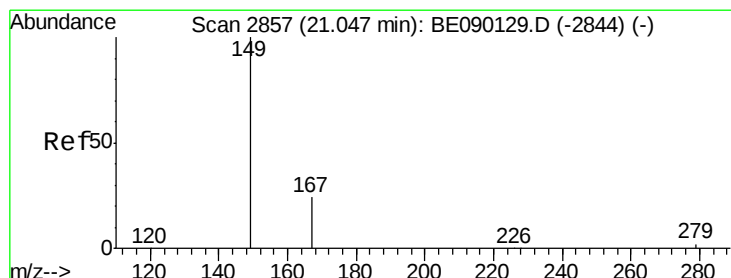
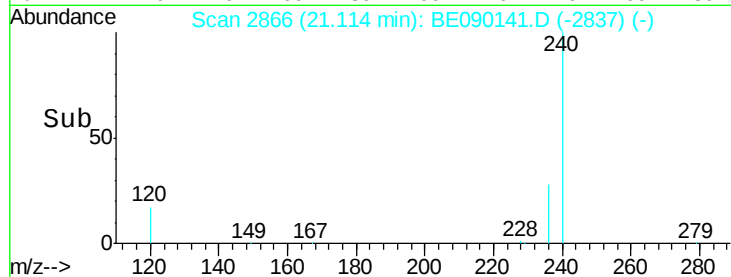
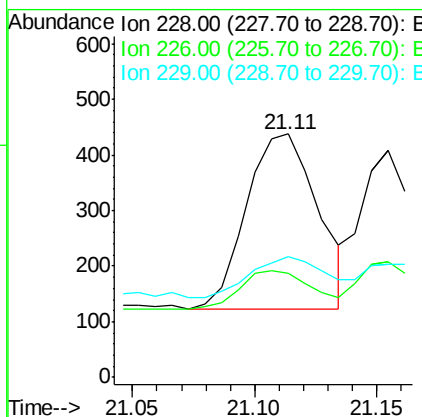
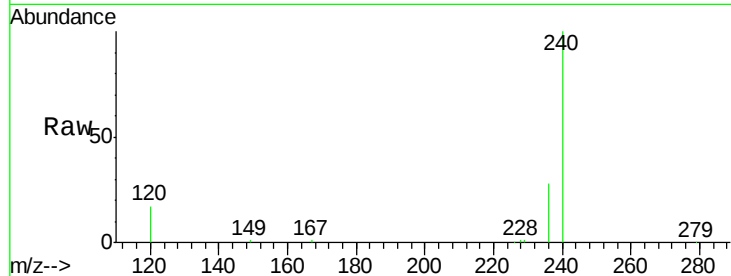




#28
Benzo(a)anthracene
Concen: 0.05 ng
RT: 21.11 min Scan# 2866
Delta R.T. -0.00 min
Lab File: BE090141.D
Acq: 17 Jul 2015 5:19

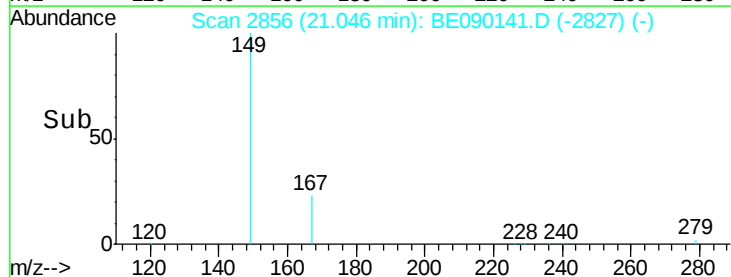
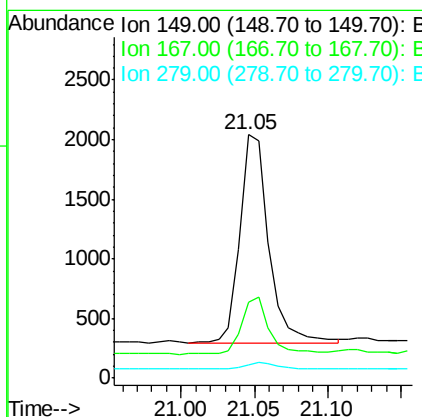
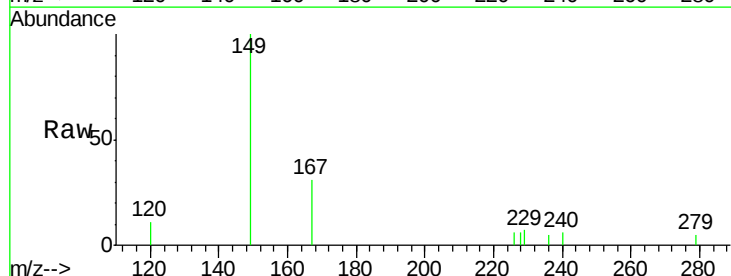
Instrument :
BNA_E
ClientSampled :
YT-MW01

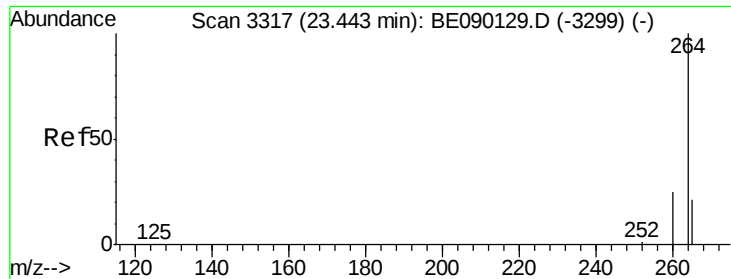
Tgt Ion: 228 Resp: 639
Ion Ratio Lower Upper
228 100
226 42.7 21.3 31.9#
229 49.5 16.1 24.1#



#30
Bis(2-ethylhexyl)phthalate
Concen: 0.92 ng
RT: 21.05 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BE090141.D
Acq: 17 Jul 2015 5:19

Tgt Ion: 149 Resp: 2409
Ion Ratio Lower Upper
149 100
167 26.4 18.6 27.8
279 3.3 2.2 3.4

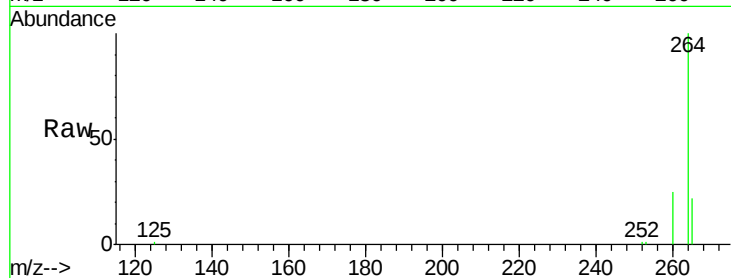




#32
Perylene-d12
Concen: 5.00 ng
RT: 23.43 min Scan# 3315
Delta R.T. -0.01 min
Lab File: BE090141.D
Acq: 17 Jul 2015 5:19

Instrument :
BNA_E
ClientSampleId :
YT-MW01

Tgt Ion: 264 Resp: 66141
Ion Ratio Lower Upper
264 100
260 25.2 19.9 29.9
265 21.9 17.8 26.8



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

