

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
 Data File : BE090492.D
 Acq On : 13 Aug 2015 6:12
 Operator : UM/IZ
 Sample : G3248-02MSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 13 07:07:19 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 06 12:28:08 2015
 Response via : Initial Calibration

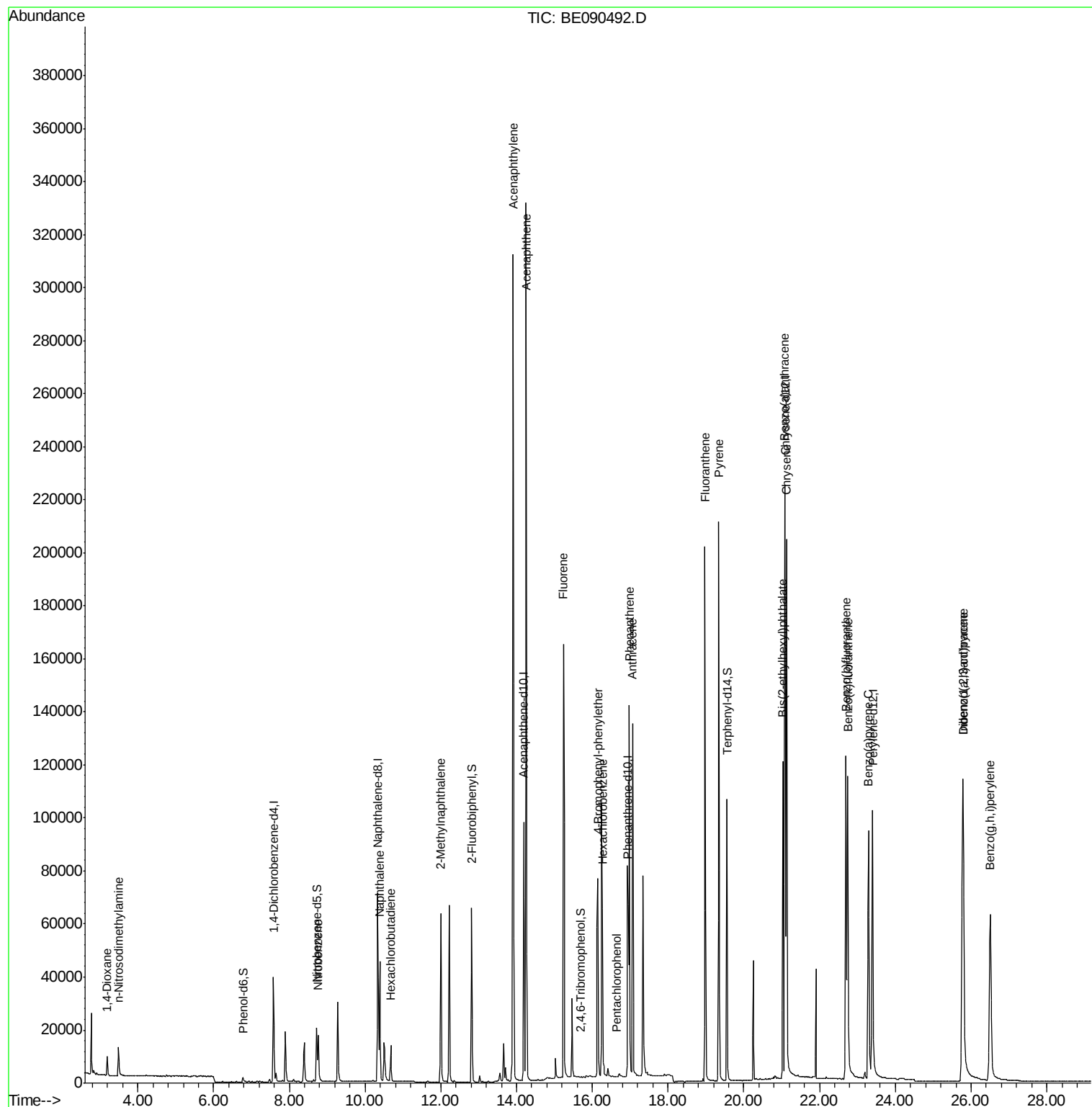
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	20314	5.00	ng	-0.01
6) Naphthalene-d8	10.33	136	95657	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	54751	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	124163	5.00	ng	0.00
25) Chrysene-d12	21.09	240	151086	5.00	ng	0.00
32) Perylene-d12	23.40	264	143463	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	10	0.00	ng	0.01
5) Phenol-d6	6.77	99	2379	0.60	ng	0.00
7) Nitrobenzene-d5	8.72	82	20743	2.76	ng	-0.01
13) 2,4,6-Tribromophenol	15.69	330	7	0.11	ng	-0.02
14) 2-Fluorobiphenyl	12.81	172	61215	4.06	ng	0.00
27) Terphenyl-d14	19.55	244	115014	5.17	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	4130	1.63	ng	99
3) n-Nitrosodimethylamine	3.49	42	6561	2.09	ng	# 81
8) Nitrobenzene	8.76	77	22178	2.76	ng	97
9) Naphthalene	10.38	128	62592	2.96	ng	98
10) Hexachlorobutadiene	10.68	225	9277	2.87	ng	99
11) 2-Methylnaphthalene	12.00	142	48574	3.97	ng	99
15) Acenaphthylene	13.91	152	400141	4.51	ng	100
16) Acenaphthene	14.25	154	58321	4.23	ng	87
17) Fluorene	15.24	166	82479	4.61	ng	98
19) 4-Bromophenyl-phenylether	16.14	248	23969	4.96	ng	95
20) Hexachlorobenzene	16.27	284	103850	4.16	ng	98
21) Pentachlorophenol	16.63	266	11	0.10	ng	# 69
22) Phenanthrene	16.98	178	149992	4.83	ng	100
23) Anthracene	17.07	178	142794	5.59	ng	99
24) Fluoranthene	18.98	202	183180	5.99	ng	99
26) Pyrene	19.34	202	188813	5.77	ng	99
28) Benzo(a)anthracene	21.08	228	177670	5.31	ng	98
29) Chrysene	21.13	228	181010	4.47	ng	97
30) Bis(2-ethylhexyl)phthalate	21.03	149	100770	7.12	ng	97
31) Indeno(1,2,3-cd)pyrene	25.78	276	169772	4.67	ng	95
33) Benzo(b)fluoranthene	22.69	252	154619	4.78	ng	98
34) Benzo(k)fluoranthene	22.74	252	176246	4.41	ng	99
35) Benzo(a)pyrene	23.29	252	151546	4.95	ng	99
36) Dibenzo(a,h)anthracene	25.79	278	133638	4.48	ng	98
37) Benzo(g,h,i)perylene	26.51	276	149394	5.64	ng	97

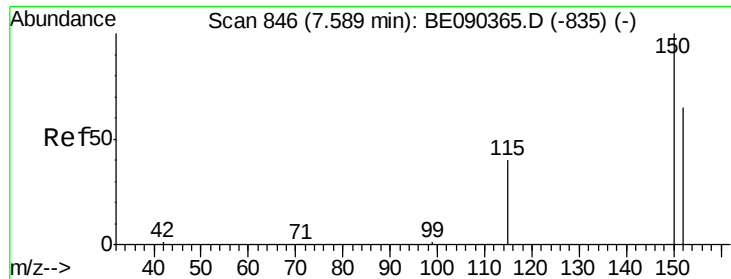
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
Data File : BE090492.D
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ALS Vial : 56 Sample Multiplier: 1

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BNA_E
ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 06 12:28:08 2015
Response via : Initial Calibration

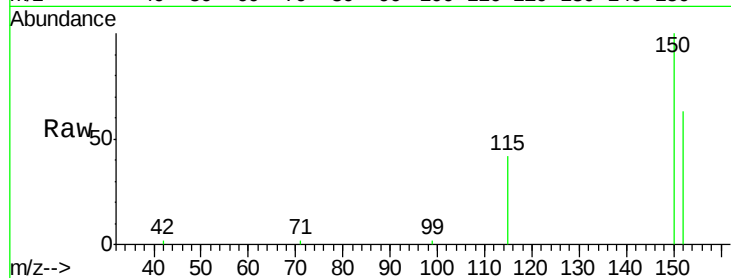




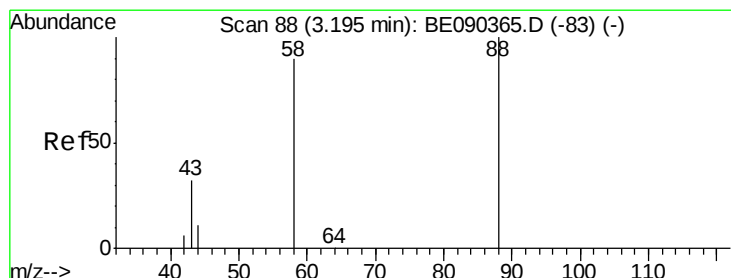
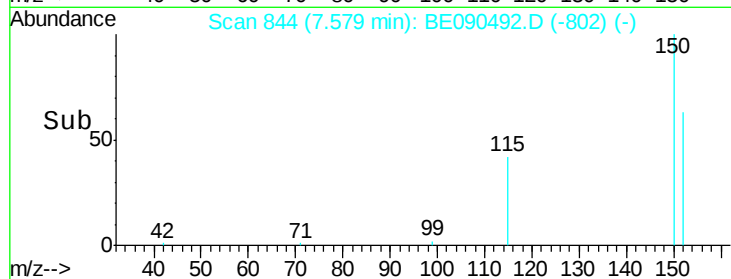
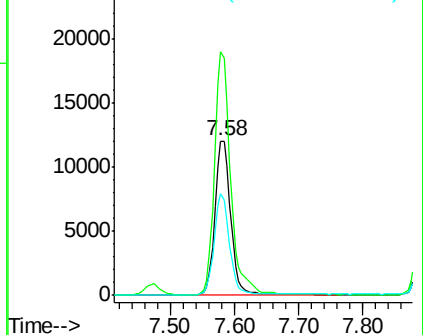
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.58 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BE090492.D
 Acq: 13 Aug 2015 6:12

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:152 Resp: 20314
 Ion Ratio Lower Upper
 152 100
 150 157.6 123.0 184.4
 115 66.1 48.9 73.3

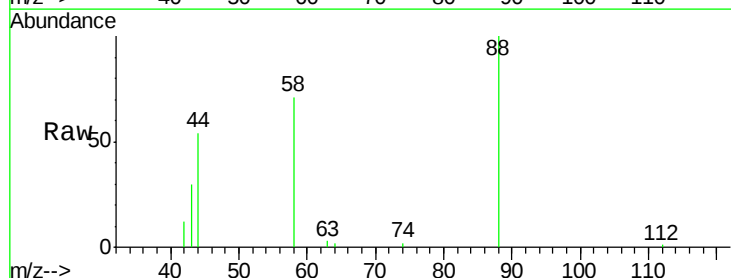


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

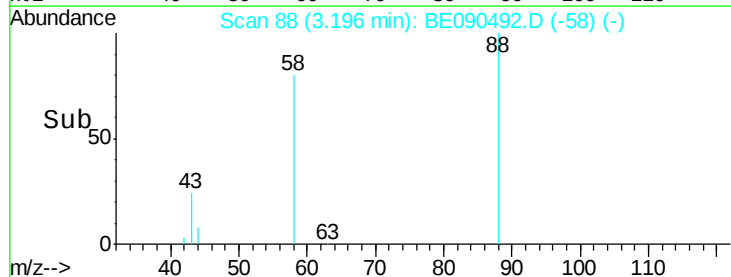
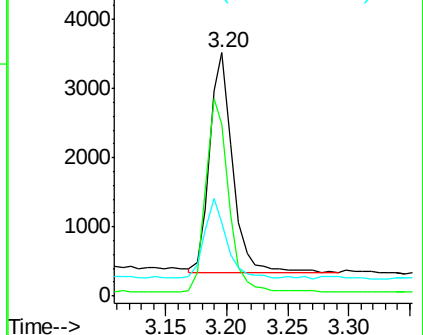


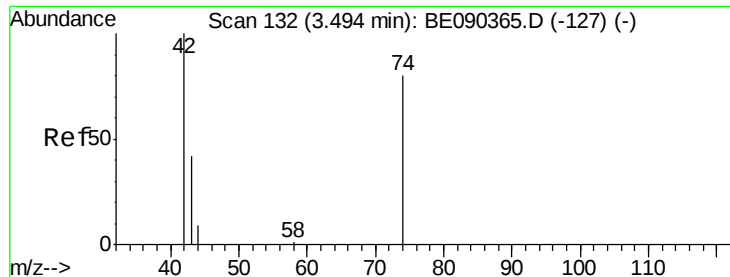
#2
 1,4-Dioxane
 Concen: 1.63 ng
 RT: 3.20 min Scan# 88
 Delta R.T. 0.00 min
 Lab File: BE090492.D
 Acq: 13 Aug 2015 6:12

Tgt Ion: 88 Resp: 4130
 Ion Ratio Lower Upper
 88 100
 58 86.6 70.0 105.0
 43 35.4 28.4 42.6



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



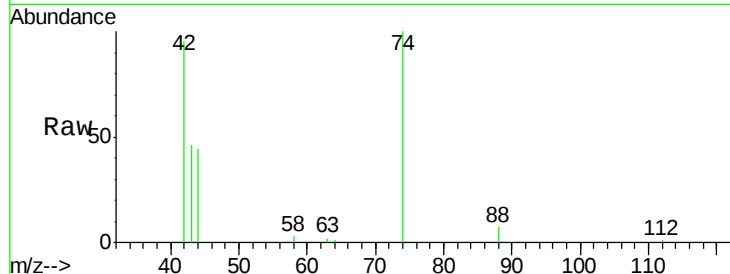


#3

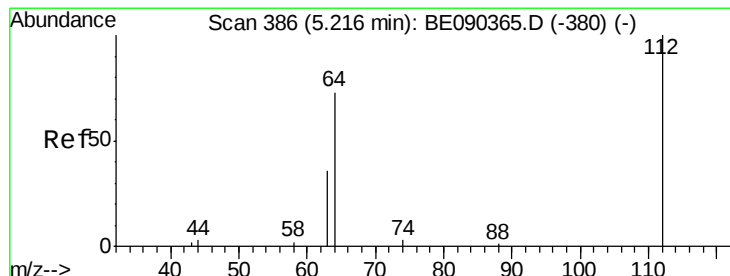
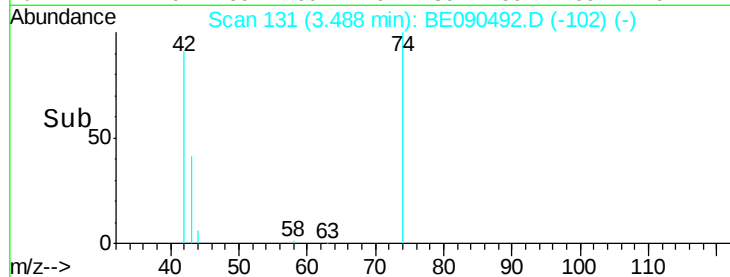
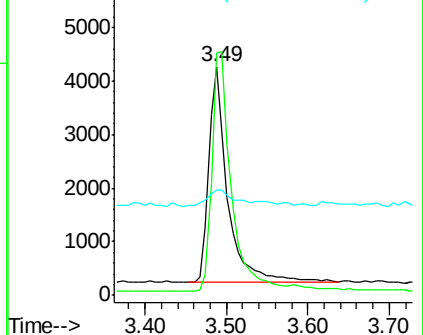
n-Nitrosodimethylamine
 Concen: 2.09 ng
 RT: 3.49 min Scan# 131
 Delta R.T. -0.01 min
 Lab File: BE090492.D
 Acq: 13 Aug 2015 6:12

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 6561
 Ion Ratio Lower Upper
 42 100
 74 114.7 75.2 112.8#
 44 11.0 8.7 13.1



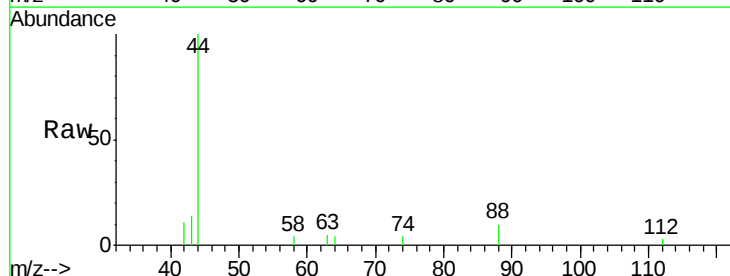
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



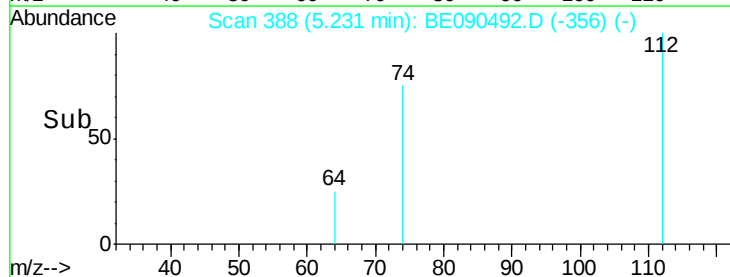
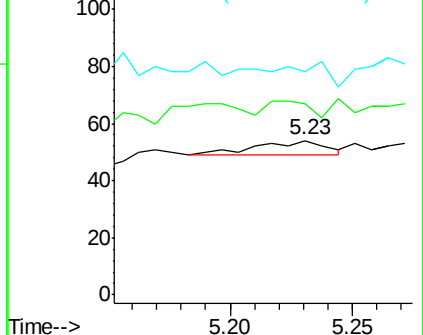
#4

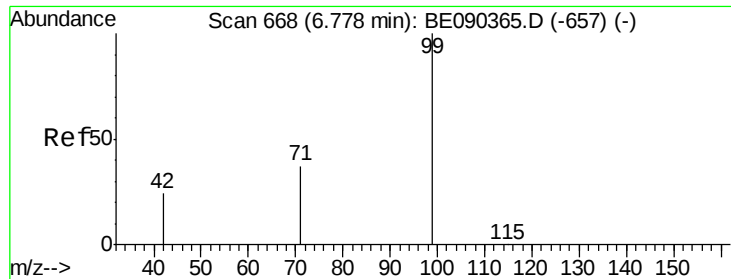
2-Fluorophenol
 Concen: 0.00 ng
 RT: 5.23 min Scan# 388
 Delta R.T. 0.01 min
 Lab File: BE090492.D
 Acq: 13 Aug 2015 6:12

Tgt Ion: 112 Resp: 10
 Ion Ratio Lower Upper
 112 100
 64 40.0 37.1 55.7
 63 0.0 19.5 29.3#



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: 0.60 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE090492.D

Acq: 13 Aug 2015 6:12

Instrument :

BNA_E

ClientSampled :

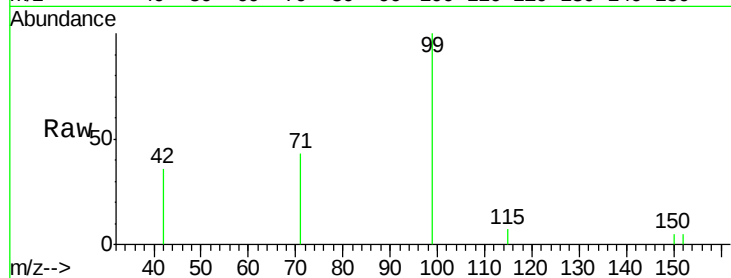
Tot Ion: 99 Resp: 2379

Ion Ratio Lower Upper

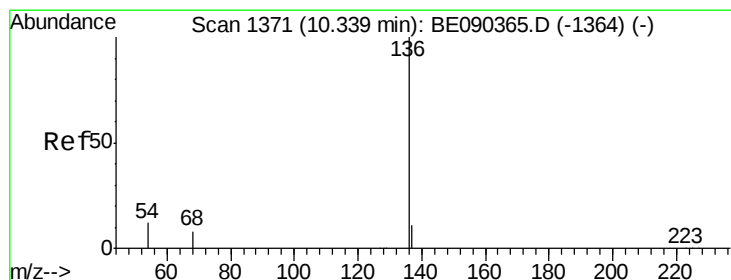
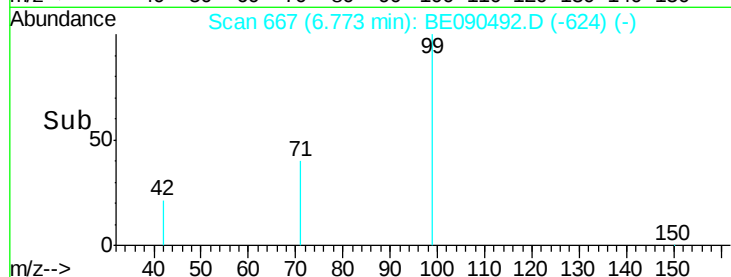
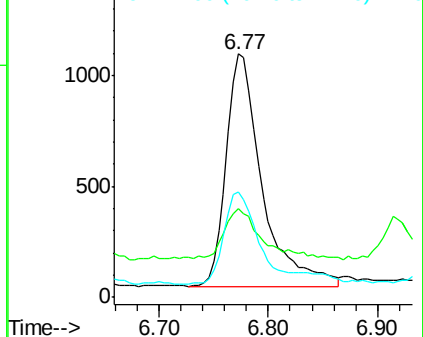
99 100

42 23.8 18.2 27.4

71 42.6 27.4 41.0#



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: 10.33 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BE090492.D

Acq: 13 Aug 2015 6:12

Tgt Ion: 136 Resp: 95657

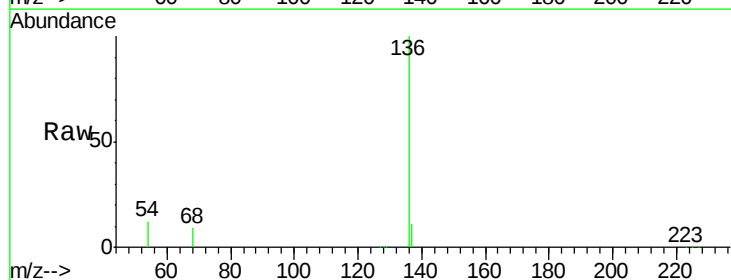
Ion Ratio Lower Upper

136 100

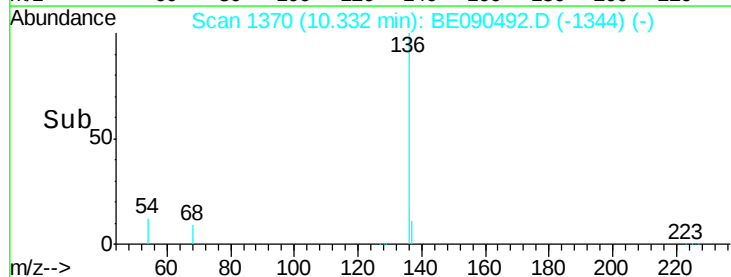
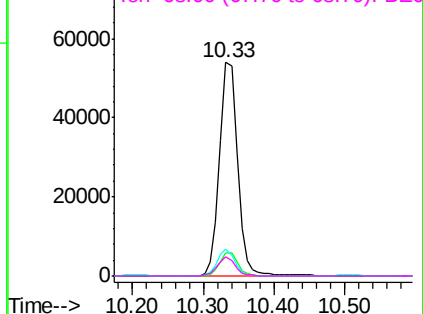
137 10.9 8.7 13.1

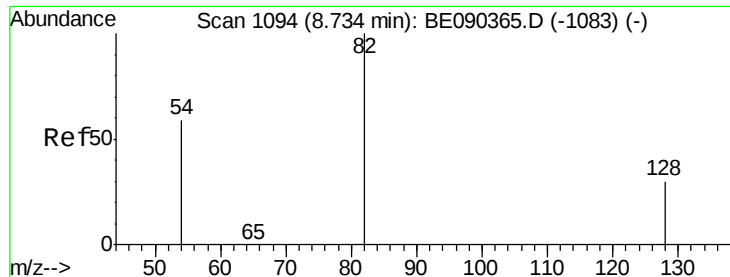
54 12.3 9.4 14.0

68 8.9 6.5 9.7



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: 2.76 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BE090492.D

Acq: 13 Aug 2015 6:12

Instrument :

BNA_E

ClientSampled :

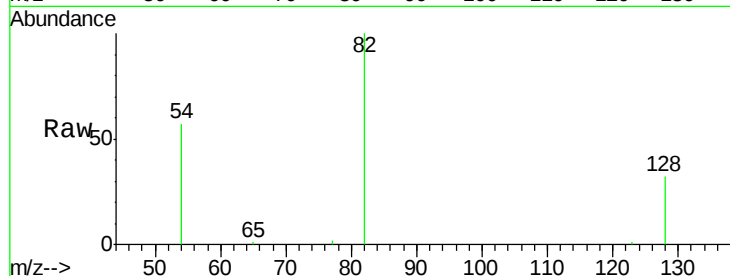
Tot Ion: 82 Resp: 20743

Ion Ratio Lower Upper

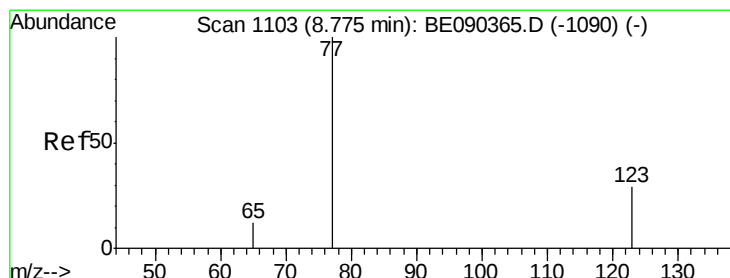
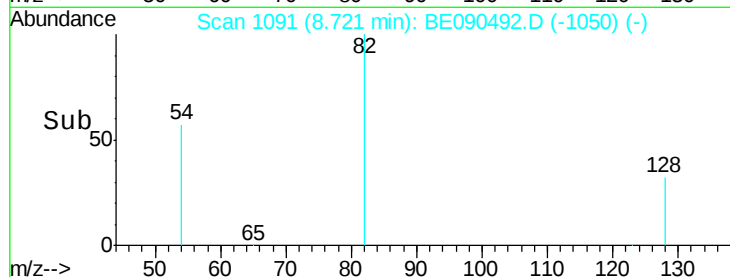
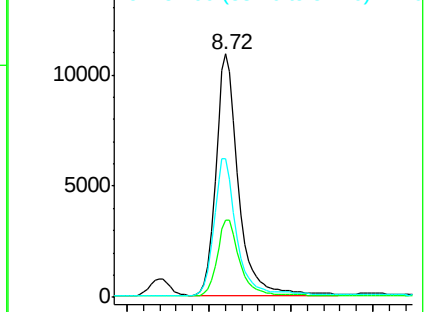
82 100

128 31.9 25.0 37.6

54 57.1 48.8 73.2



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



#8

Nitrobenzene

Concen: 2.76 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BE090492.D

Acq: 13 Aug 2015 6:12

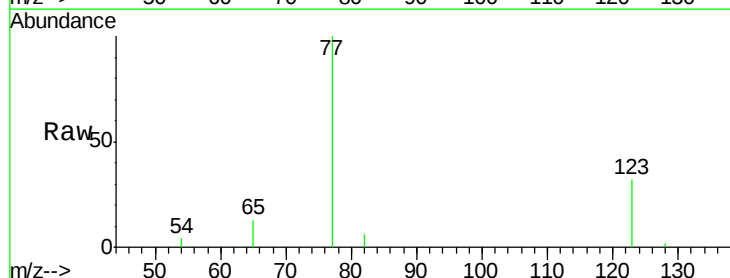
Tgt Ion: 77 Resp: 22178

Ion Ratio Lower Upper

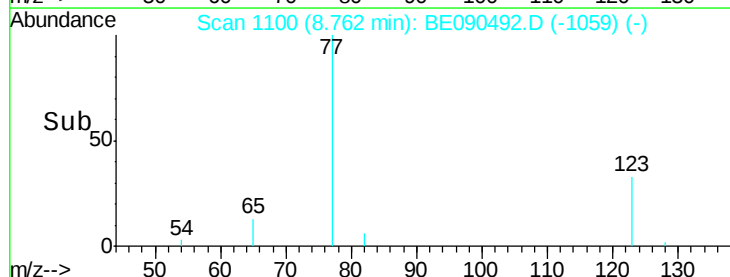
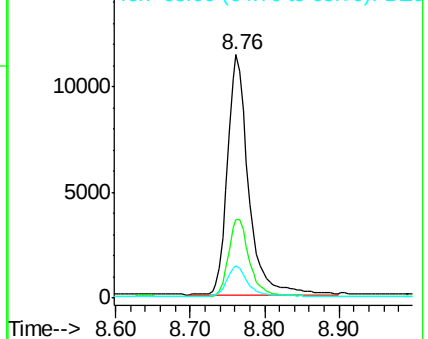
77 100

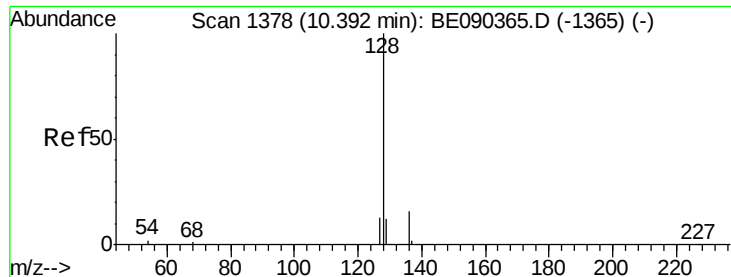
123 32.9 25.1 37.7

65 12.8 9.3 13.9



Abundance Ion 77.00 (76.70 to 77.70): BE0
Ion 123.00 (122.70 to 123.70): BE0
Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 2.96 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BE090492.D

Acq: 13 Aug 2015 6:12

Instrument :

BNA_E

ClientSampleId :

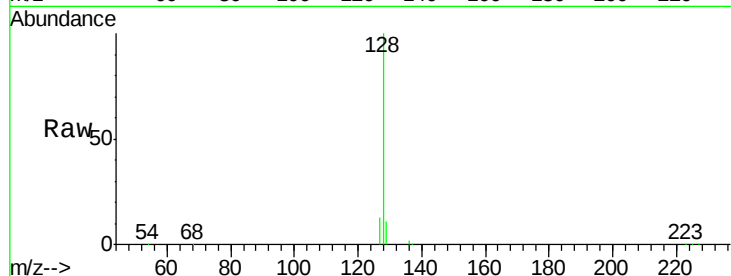
Tot Ion:128 Resp: 62592

Ion Ratio Lower Upper

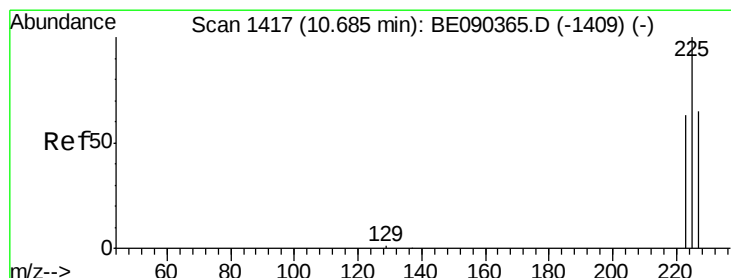
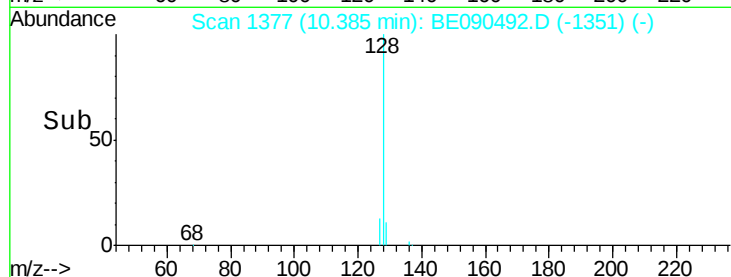
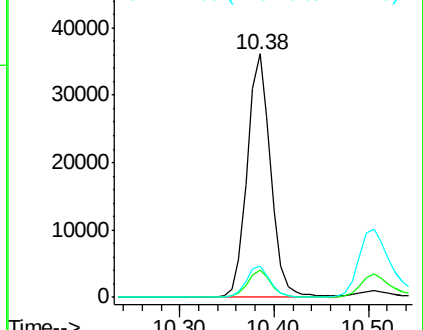
128 100

129 11.0 9.8 14.6

127 12.7 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 2.87 ng

RT: 10.68 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BE090492.D

Acq: 13 Aug 2015 6:12

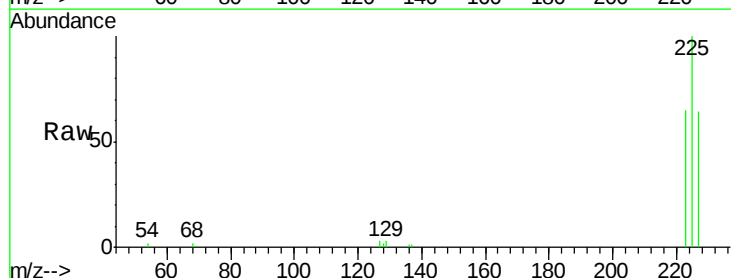
Tgt Ion:225 Resp: 9277

Ion Ratio Lower Upper

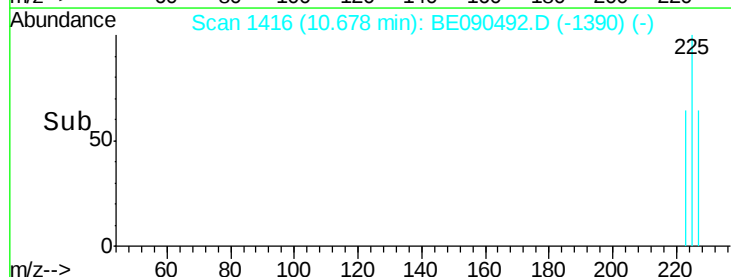
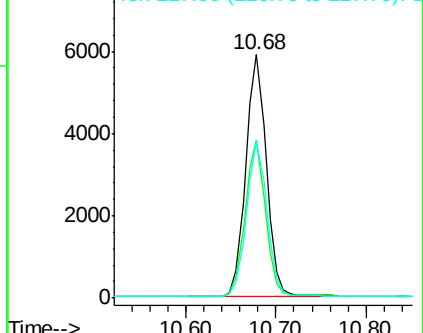
225 100

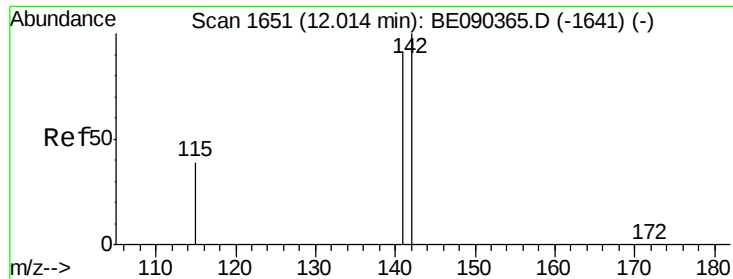
223 63.7 50.6 75.8

227 63.9 50.7 76.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

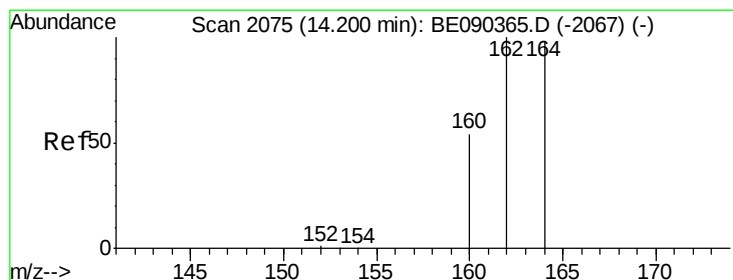
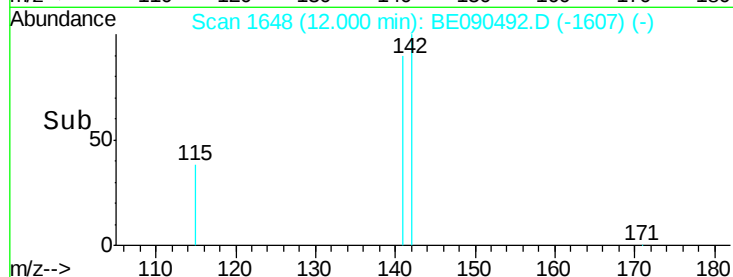
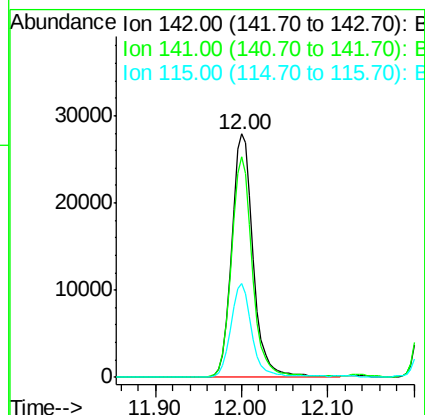
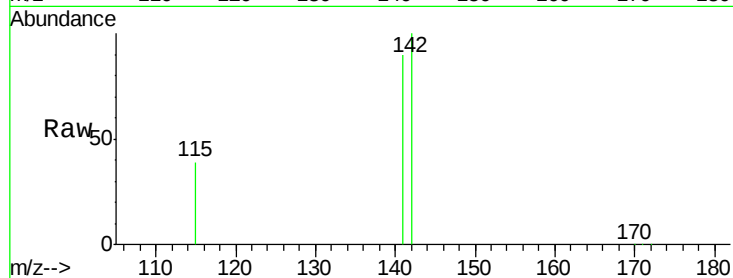




#11
2-Methylnaphthalene
Concen: 3.97 ng
RT: 12.00 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BE090492.D
Acq: 13 Aug 2015 6:12

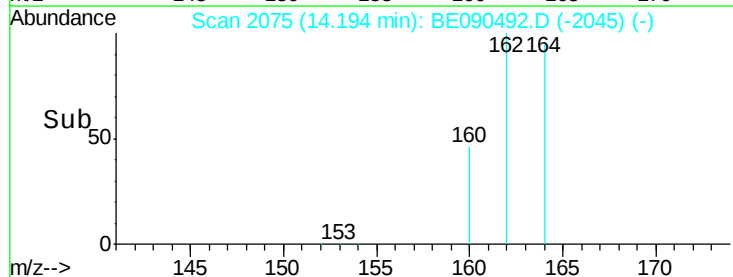
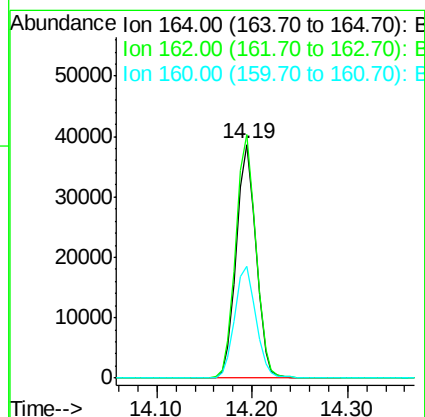
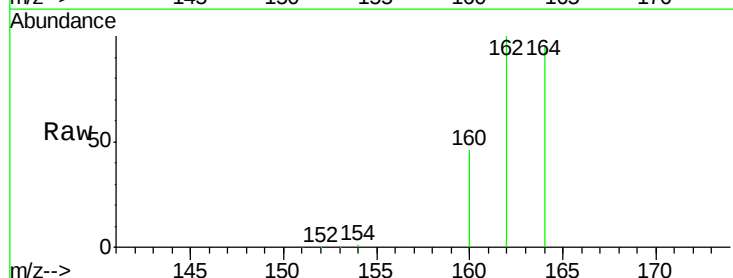
Instrument :
BNA_E
ClientSampleId :

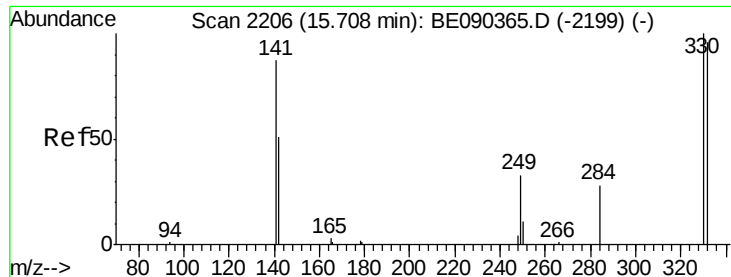
Tot Ion:142 Resp: 48574
Ion Ratio Lower Upper
142 100
141 90.3 72.6 109.0
115 38.5 31.6 47.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BE090492.D
Acq: 13 Aug 2015 6:12

Tgt Ion:164 Resp: 54751
Ion Ratio Lower Upper
164 100
162 104.1 81.8 122.8
160 47.7 44.2 66.4

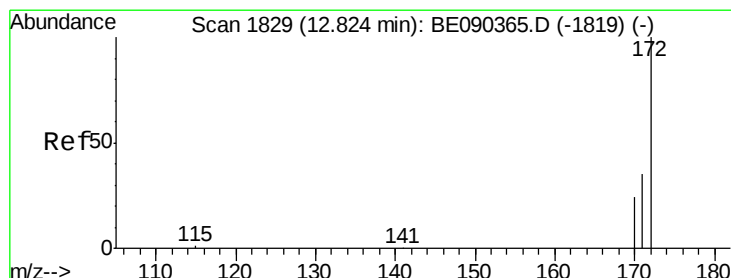
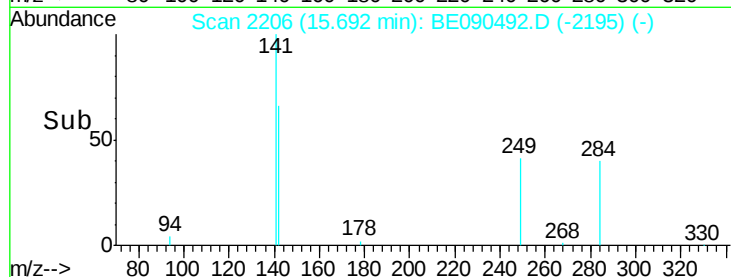
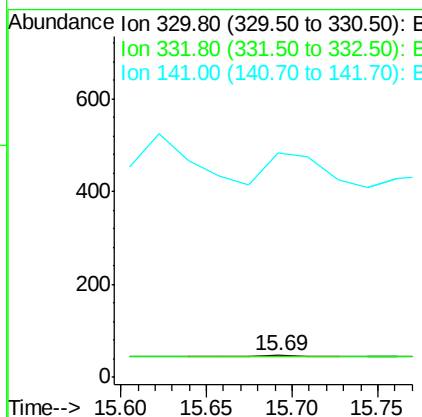
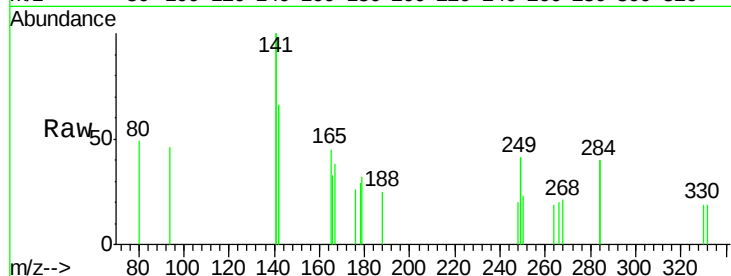




#13
 2,4,6-Tribromophenol
 Concen: 0.11 ng
 RT: 15.69 min Scan# 2206
 Delta R.T. -0.02 min
 Lab File: BE090492.D
 Acq: 13 Aug 2015 6:12

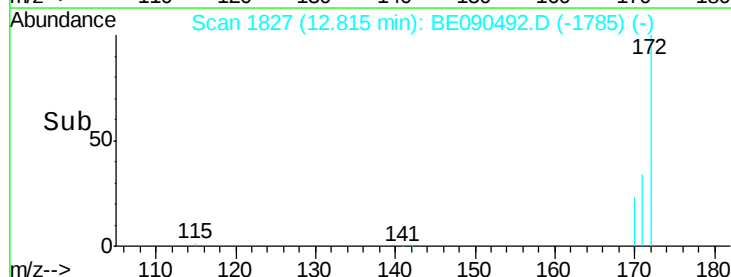
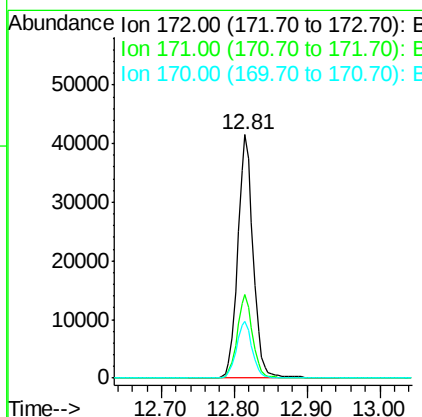
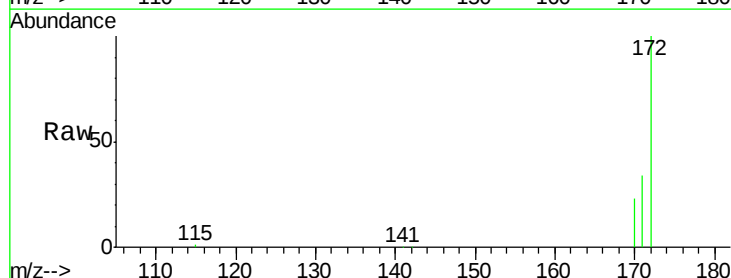
Instrument :
 BNA_E
 ClientSampleId :

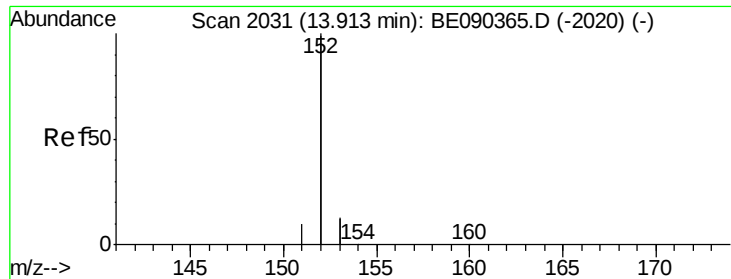
Tot Ion:330 Resp: 7
 Ion Ratio Lower Upper
 330 100
 332 71.4 75.8 113.6#
 141 2300.0 114.4 171.6#



#14
 2-Fluorobiphenyl
 Concen: 4.06 ng
 RT: 12.81 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BE090492.D
 Acq: 13 Aug 2015 6:12

Tgt Ion:172 Resp: 61215
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.5 42.7
 170 23.2 19.8 29.8





#15

Acenaphthylene

Concen: 4.51 ng

RT: 13.91 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BE090492.D

Acq: 13 Aug 2015 6:12

Instrument :

BNA_E

ClientSampleId :

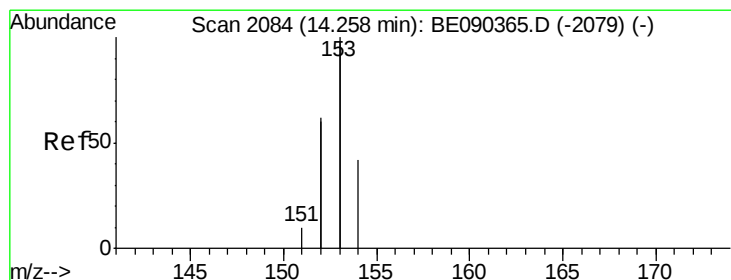
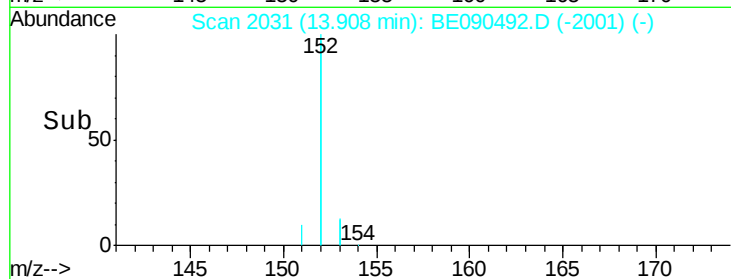
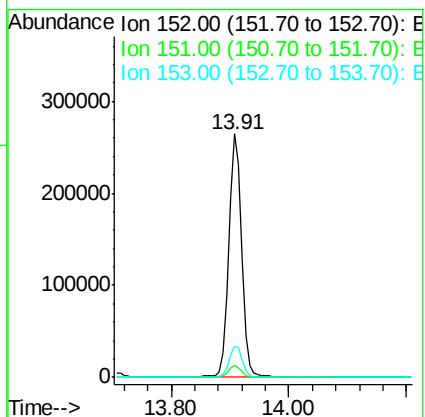
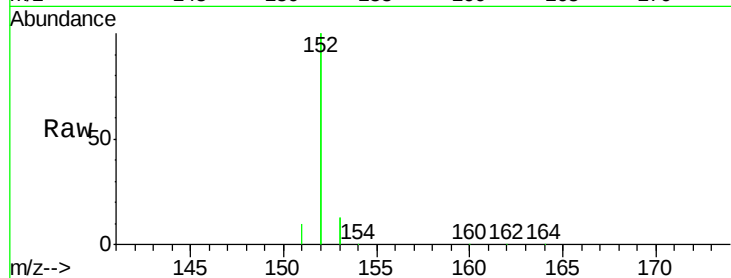
Tot Ion:152 Resp: 400141

Ion Ratio Lower Upper

152 100

151 4.8 3.8 5.8

153 13.0 10.3 15.5



#16

Acenaphthene

Concen: 4.23 ng

RT: 14.25 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BE090492.D

Acq: 13 Aug 2015 6:12

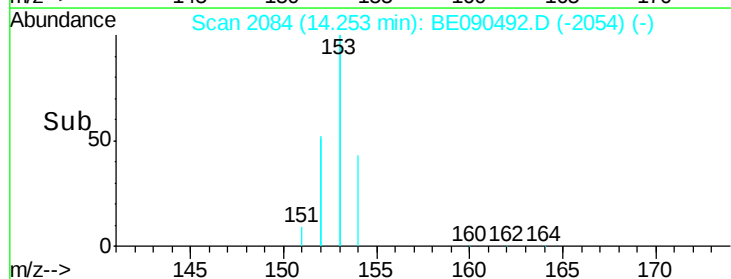
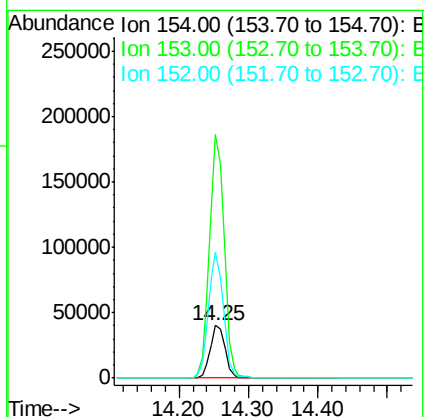
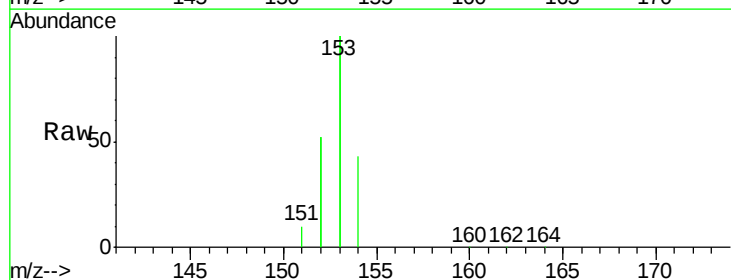
Tgt Ion:154 Resp: 58321

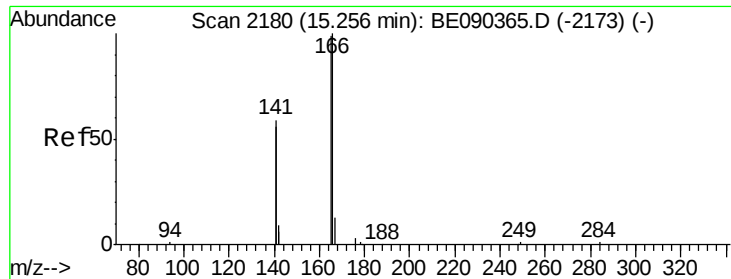
Ion Ratio Lower Upper

154 100

153 460.5 376.2 564.2

152 240.4 235.0 352.4

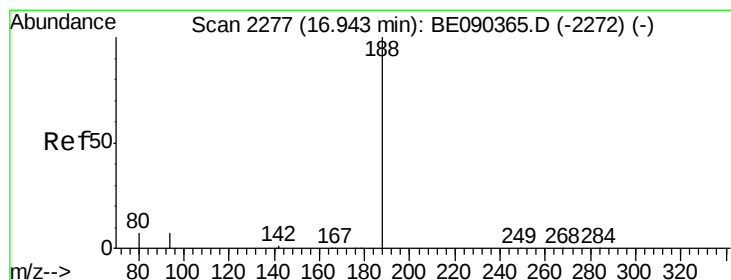
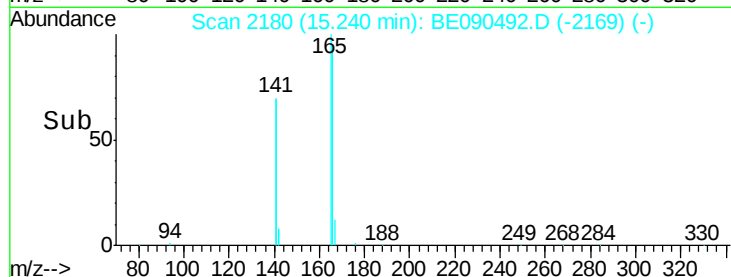
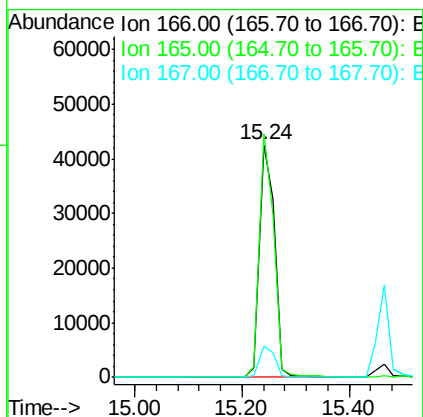
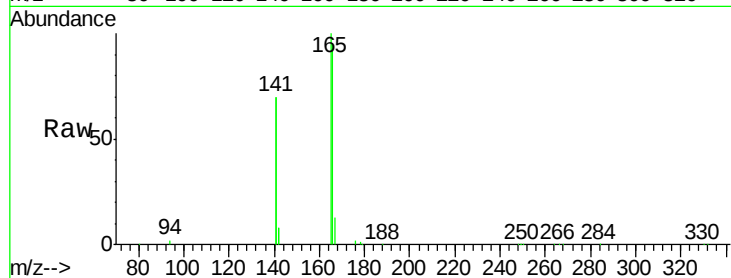




#17
Fluorene
 Concen: 4.61 ng
 RT: 15.24 min Scan# 2180
 Delta R.T. -0.02 min
 Lab File: BE090492.D
 Acq: 13 Aug 2015 6:12

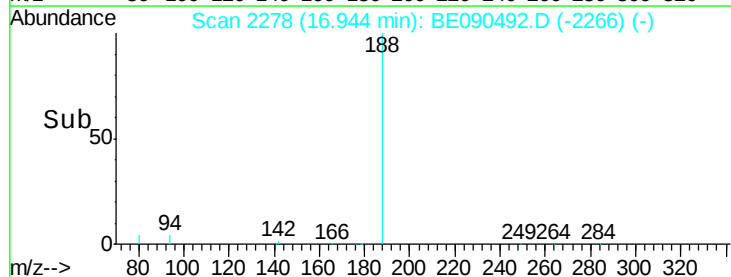
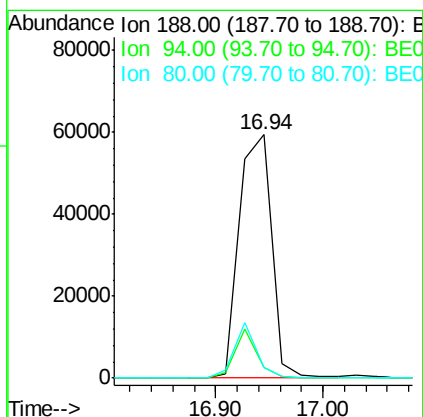
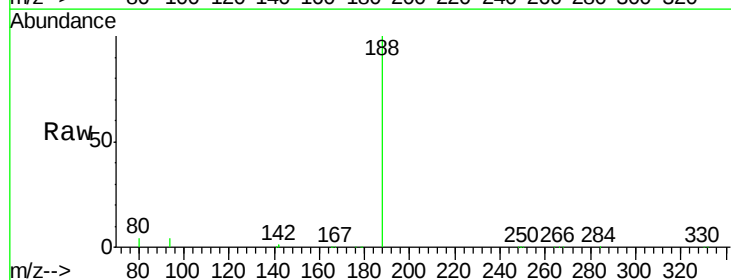
Instrument :
 BNA_E
 ClientSampleId :

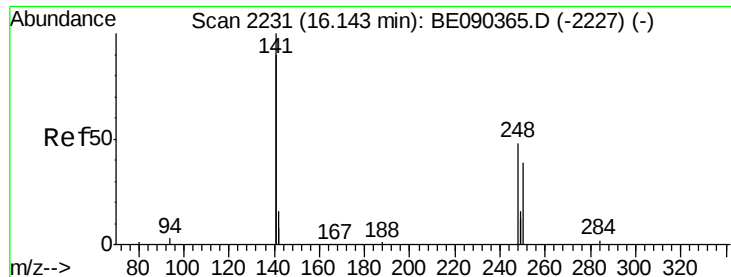
Tot Ion:166 Resp: 82479
 Ion Ratio Lower Upper
 166 100
 165 99.3 81.5 122.3
 167 13.6 11.4 17.0



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.94 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BE090492.D
 Acq: 13 Aug 2015 6:12

Tgt Ion:188 Resp: 124163
 Ion Ratio Lower Upper
 188 100
 94 4.4 5.7 8.5#
 80 4.4 5.8 8.8#

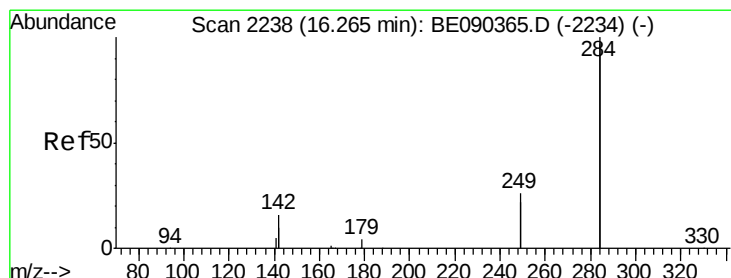
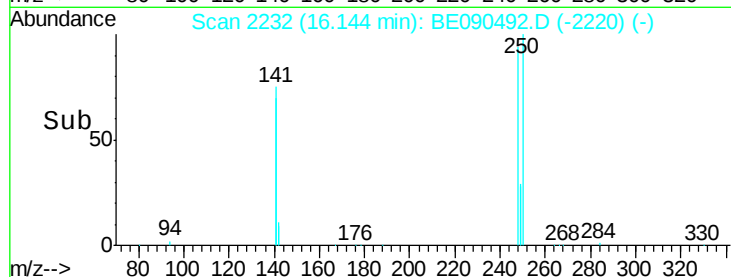
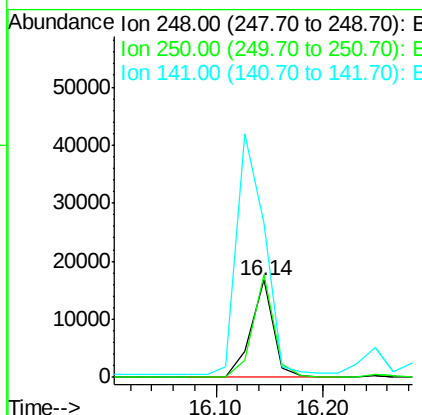
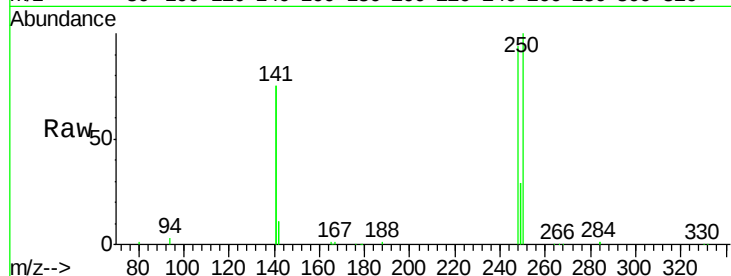




#19
4-Bromophenyl-phenylether
Concen: 4.96 ng
RT: 16.14 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BE090492.D
Acq: 13 Aug 2015 6:12

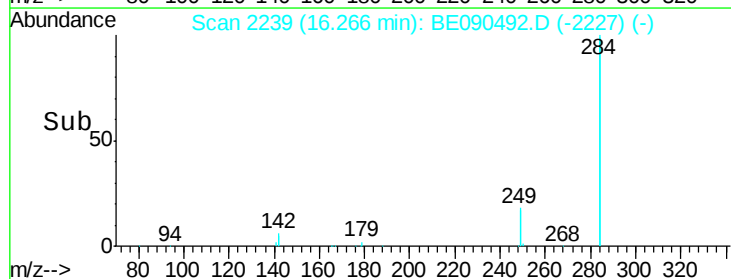
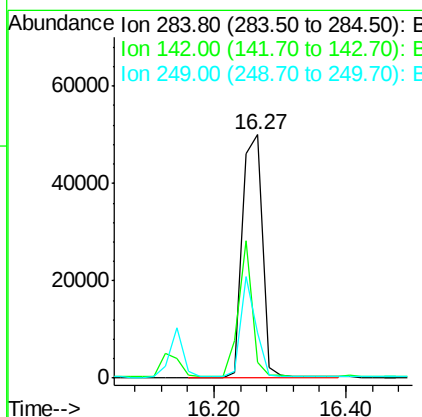
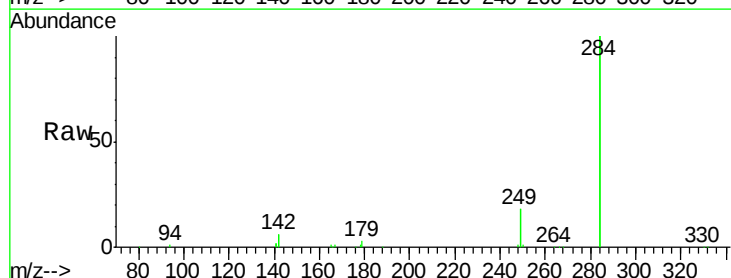
Instrument :
BNA_E
ClientSampleId :

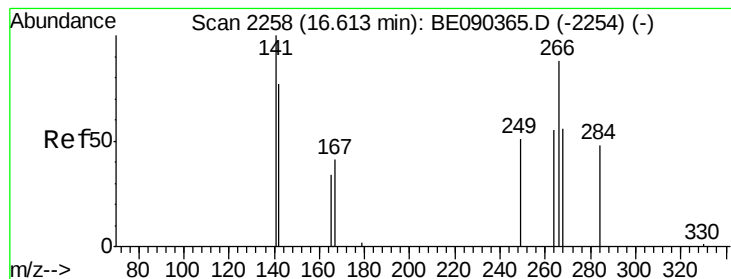
Tot Ion:248 Resp: 23969
Ion Ratio Lower Upper
248 100
250 101.1 79.0 118.6
141 310.7 239.5 359.3



#20
Hexachlorobenzene
Concen: 4.16 ng
RT: 16.27 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BE090492.D
Acq: 13 Aug 2015 6:12

Tgt Ion:284 Resp: 103850
Ion Ratio Lower Upper
284 100
142 38.9 30.1 45.1
249 31.2 25.7 38.5





#21

Pentachlorophenol

Concen: 0.10 ng

RT: 16.63 min Scan# 2260

Delta R.T. 0.02 min

Lab File: BE090492.D

Acq: 13 Aug 2015 6:12

Instrument :

BNA_E

ClientSampleId :

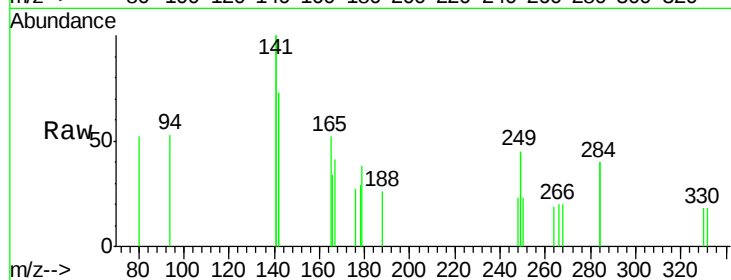
Tot Ion:266 Resp: 11

Ion Ratio Lower Upper

266 100

268 100.0 58.5 87.7#

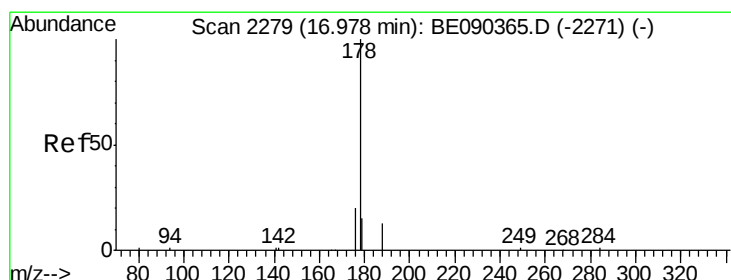
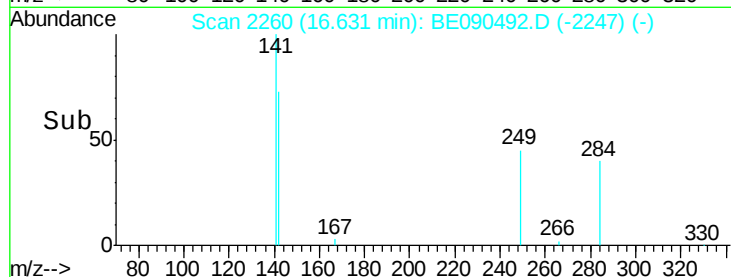
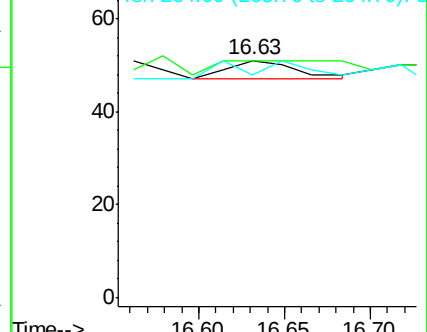
264 94.1 56.0 84.0#



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: 4.83 ng

RT: 16.98 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE090492.D

Acq: 13 Aug 2015 6:12

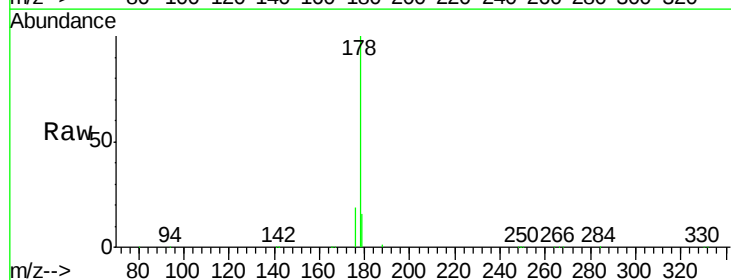
Tgt Ion:178 Resp: 149992

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

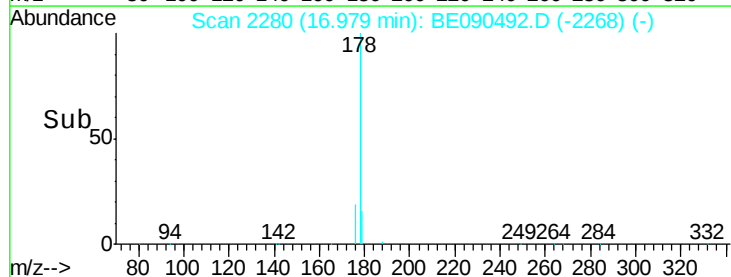
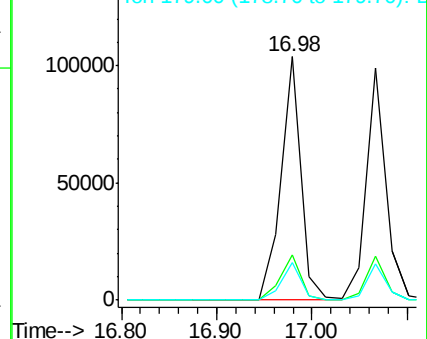
179 15.5 12.5 18.7

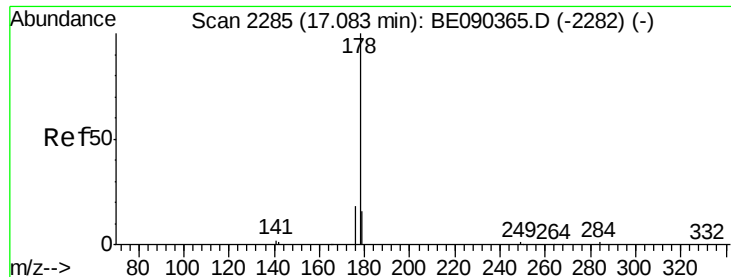


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 5.59 ng

RT: 17.07 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BE090492.D

Acq: 13 Aug 2015 6:12

Instrument :

BNA_E

ClientSampled :

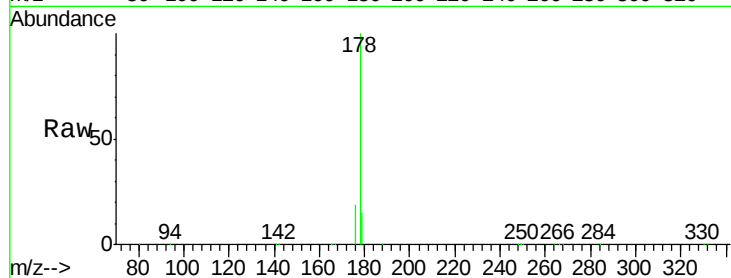
Tot Ion:178 Resp: 142794

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

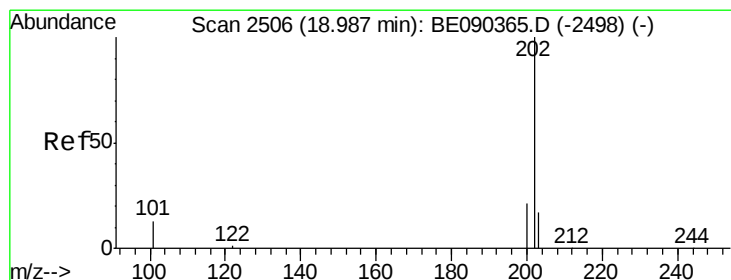
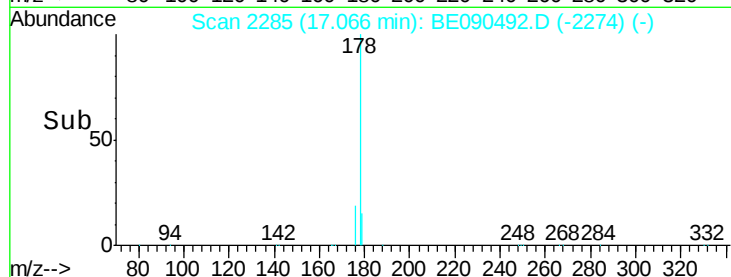
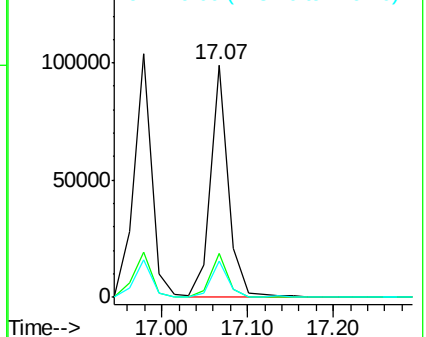
179 15.8 12.2 18.4



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: 5.99 ng

RT: 18.98 min Scan# 2506

Delta R.T. -0.00 min

Lab File: BE090492.D

Acq: 13 Aug 2015 6:12

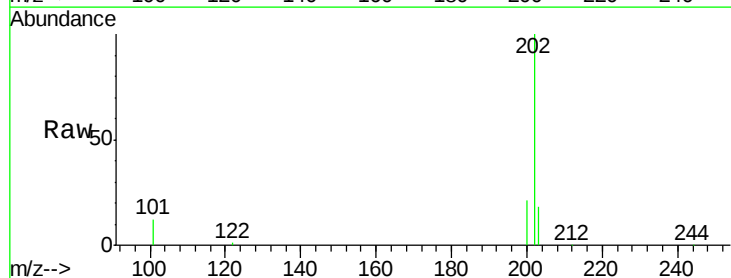
Tgt Ion:202 Resp: 183180

Ion Ratio Lower Upper

202 100

101 13.8 10.3 15.5

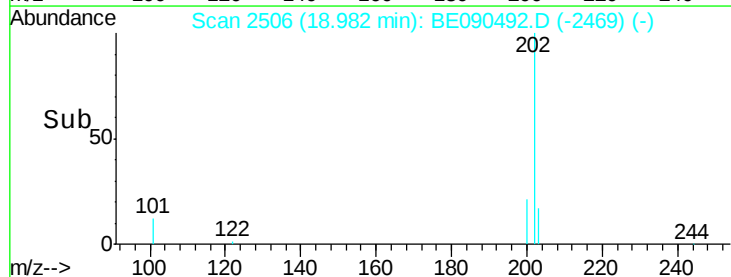
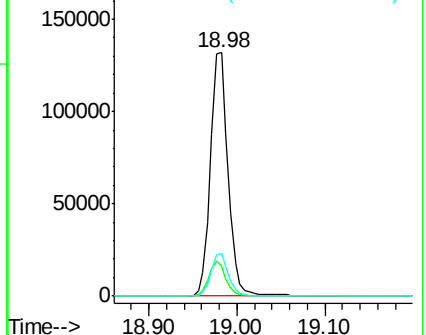
203 17.1 13.7 20.5

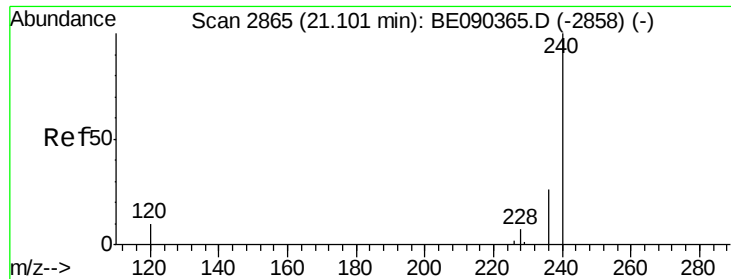


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BE090492.D

Acq: 13 Aug 2015 6:12

Instrument :

BNA_E

ClientSampleId :

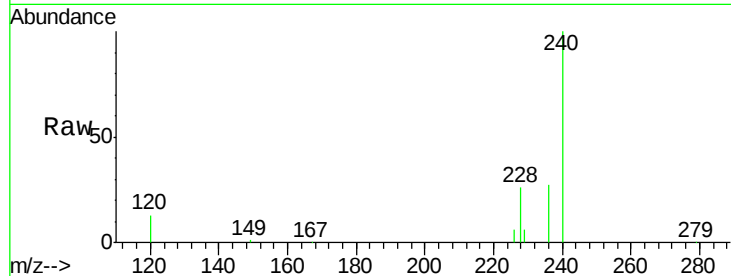
Tot Ion:240 Resp: 151086

Ion Ratio Lower Upper

240 100

120 13.1 8.3 12.5#

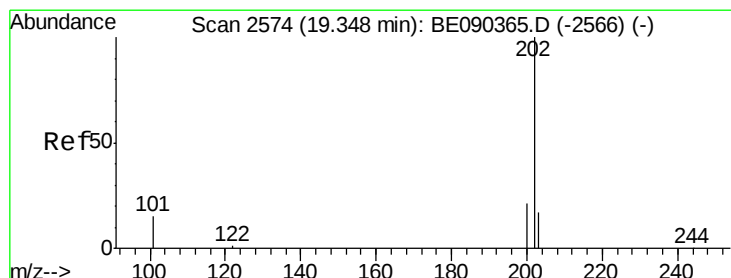
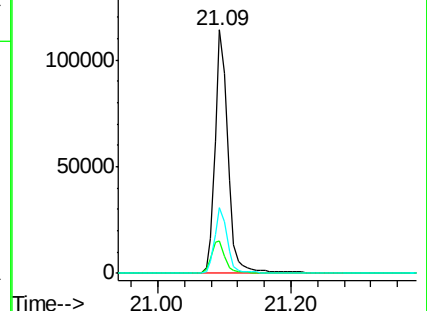
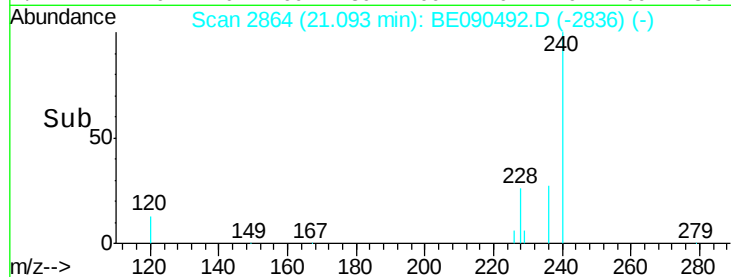
236 27.2 21.0 31.4



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



#26

Pyrene

Concen: 5.77 ng

RT: 19.34 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BE090492.D

Acq: 13 Aug 2015 6:12

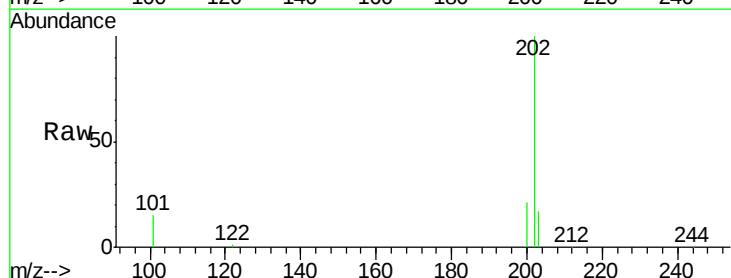
Tgt Ion:202 Resp: 188813

Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

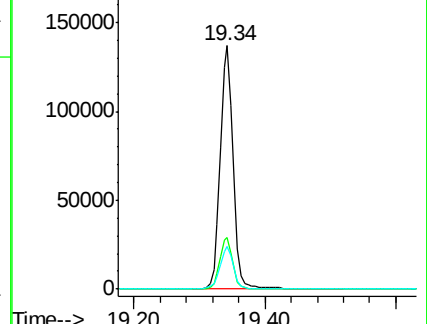
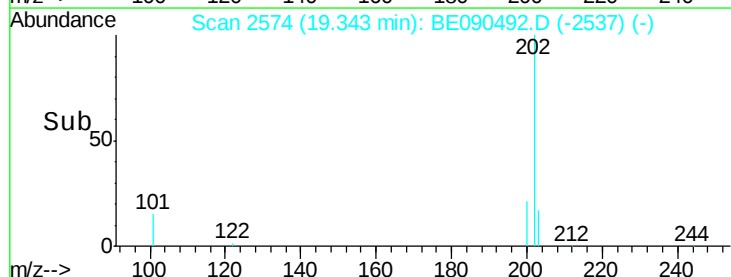
203 18.1 13.8 20.8

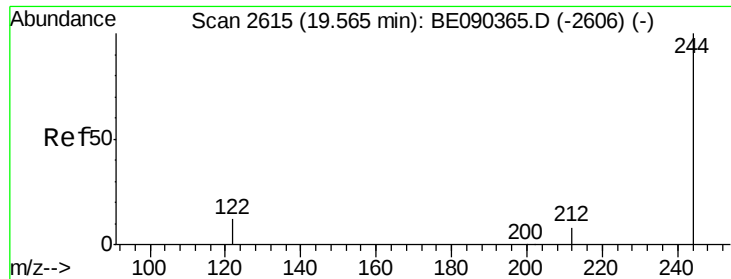


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

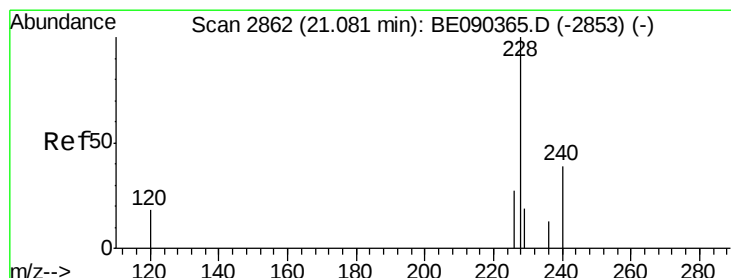
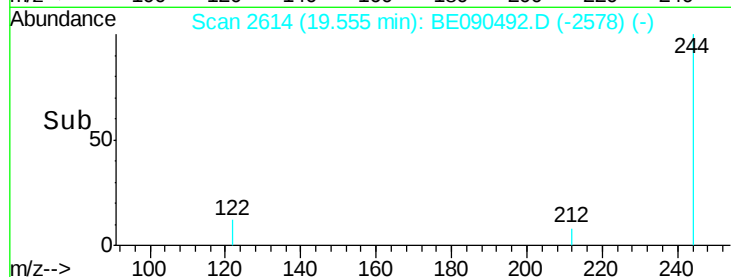
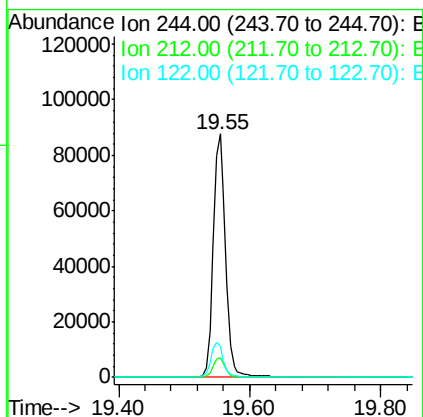
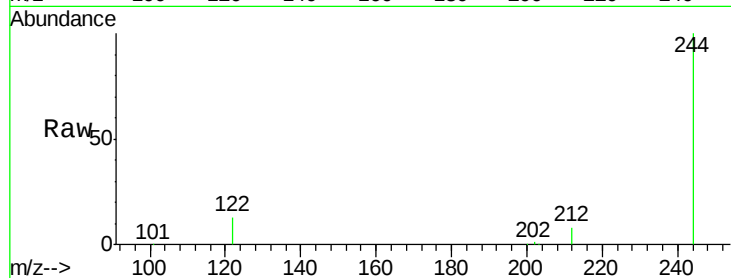




#27
 Terphenyl-d14
 Concen: 5.17 ng
 RT: 19.55 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BE090492.D
 Acq: 13 Aug 2015 6:12

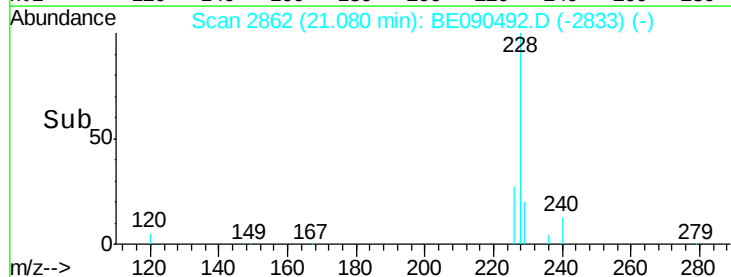
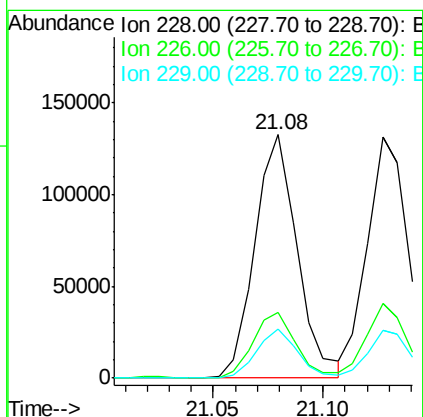
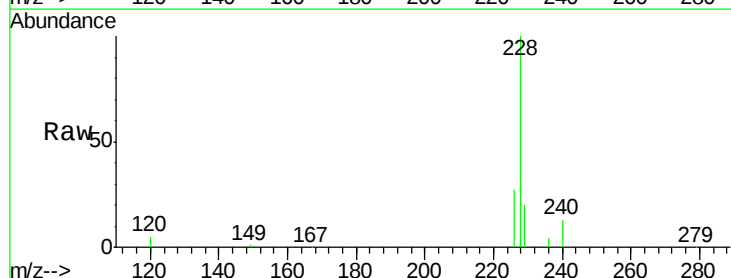
Instrument :
 BNA_E
 ClientSampled :

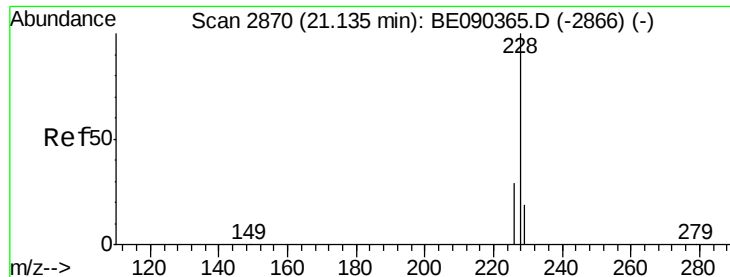
Tot Ion:244 Resp: 115014
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 9.8
 122 12.7 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 5.31 ng
 RT: 21.08 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: BE090492.D
 Acq: 13 Aug 2015 6:12

Tgt Ion:228 Resp: 177670
 Ion Ratio Lower Upper
 228 100
 226 26.8 21.9 32.9
 229 20.2 15.4 23.0





#29

Chrysene

Concen: 4.47 ng

RT: 21.13 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BE090492.D

Acq: 13 Aug 2015 6:12

Instrument :

BNA_E

ClientSampleId :

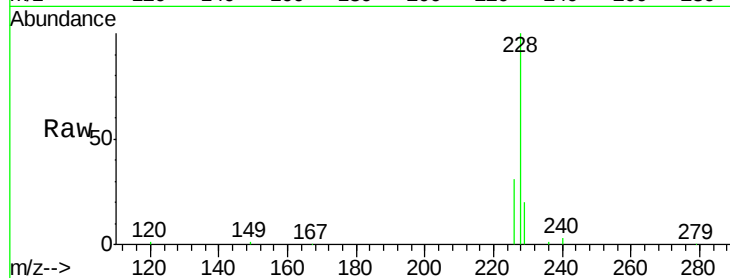
Tot Ion:228 Resp: 181010

Ion Ratio Lower Upper

228 100

226 31.1 23.1 34.7

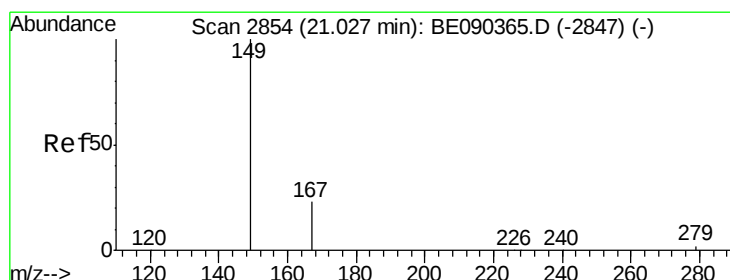
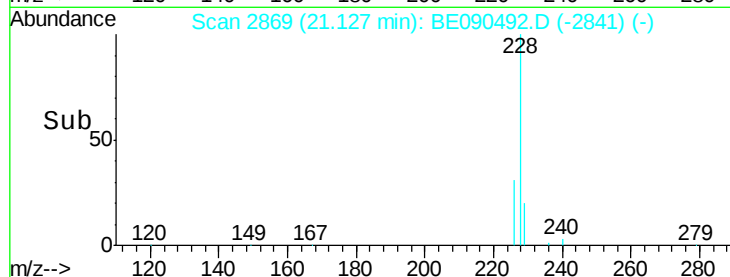
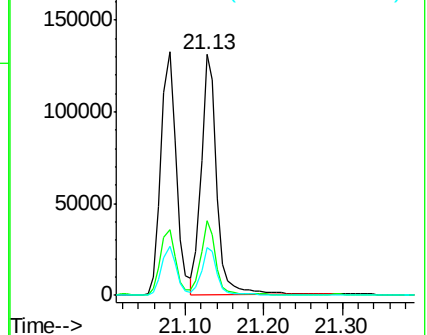
229 19.9 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 7.12 ng

RT: 21.03 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BE090492.D

Acq: 13 Aug 2015 6:12

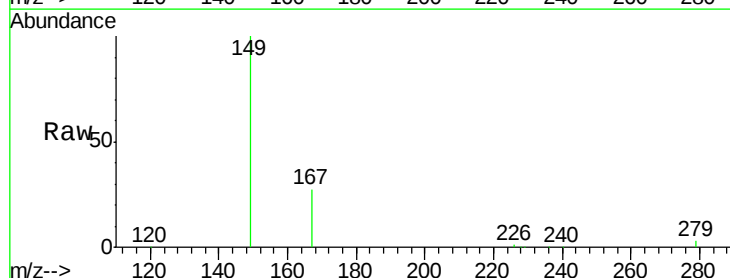
Tgt Ion:149 Resp: 100770

Ion Ratio Lower Upper

149 100

167 26.3 19.8 29.8

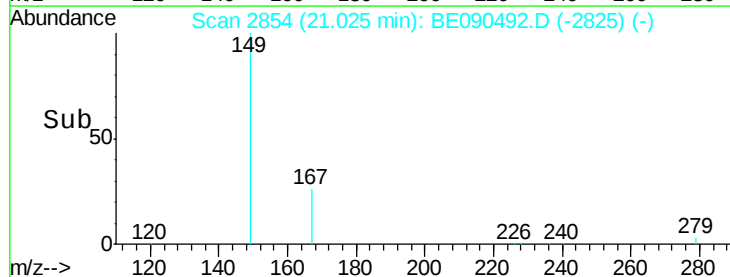
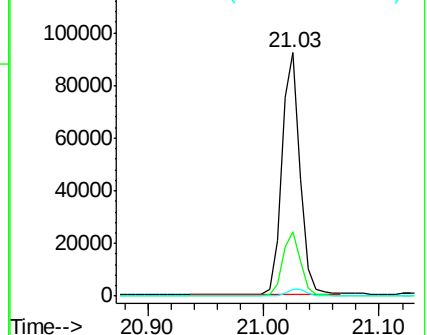
279 3.1 2.4 3.6

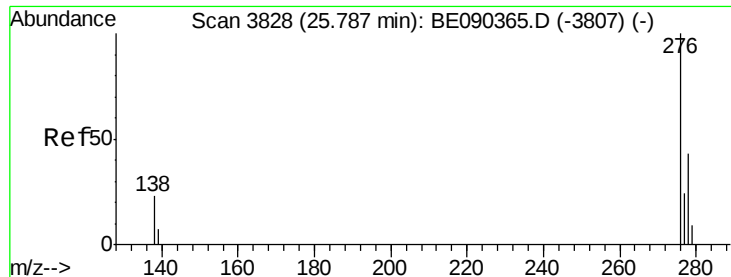


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

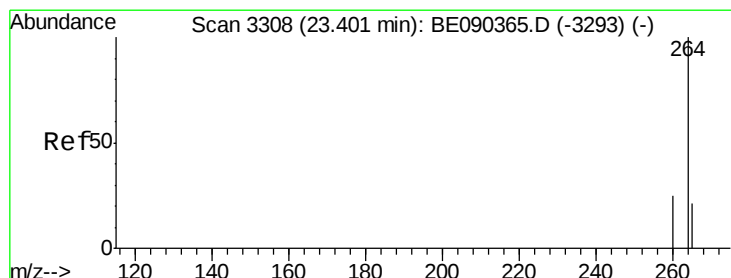
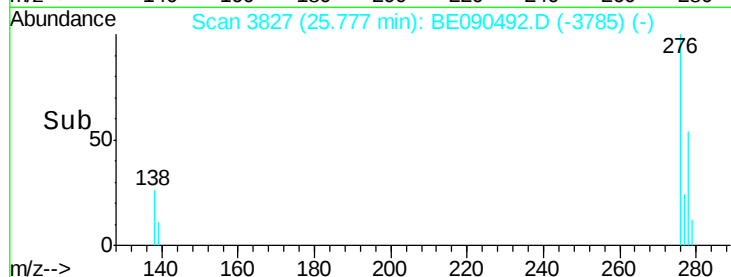
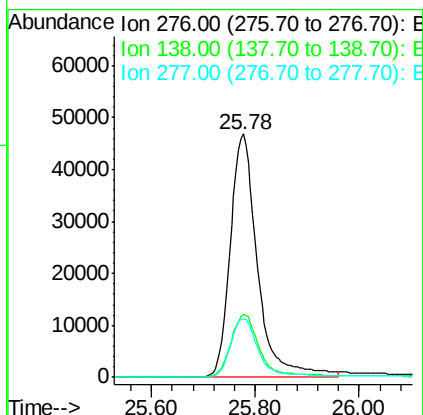
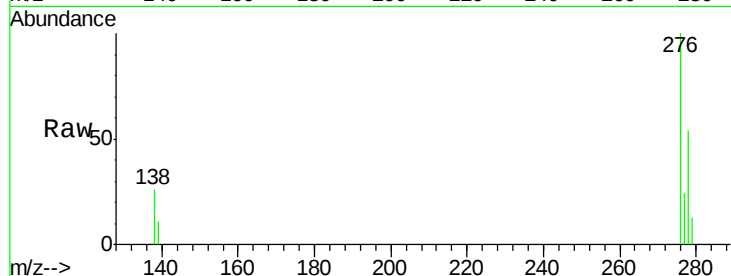




#31
Indeno(1,2,3-cd)pyrene
Concen: 4.67 ng
RT: 25.78 min Scan# 3827
Delta R.T. -0.01 min
Lab File: BE090492.D
Acq: 13 Aug 2015 6:12

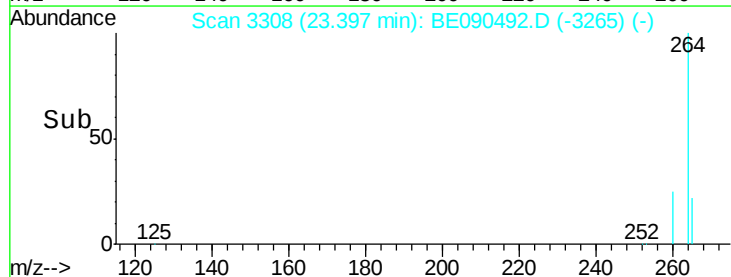
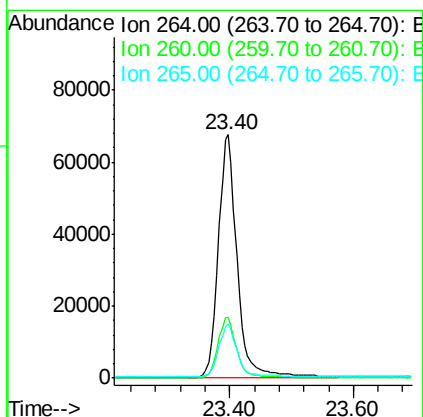
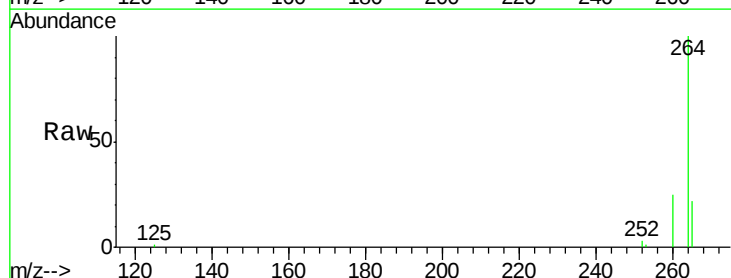
Instrument :
BNA_E
ClientSampleId :

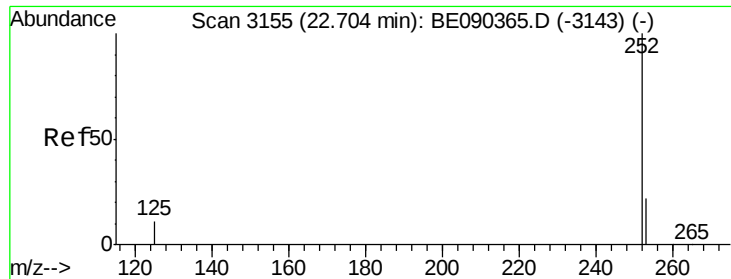
Tot Ion:276 Resp: 169772
Ion Ratio Lower Upper
276 100
138 26.8 18.8 28.2
277 24.5 18.2 27.4



#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. -0.00 min
Lab File: BE090492.D
Acq: 13 Aug 2015 6:12

Tgt Ion:264 Resp: 143463
Ion Ratio Lower Upper
264 100
260 25.0 20.1 30.1
265 22.1 17.2 25.8





#33

Benzo(b)fluoranthene

Concen: 4.78 ng

RT: 22.69 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BE090492.D

Acq: 13 Aug 2015 6:12

Instrument :

BNA_E

ClientSampleId :

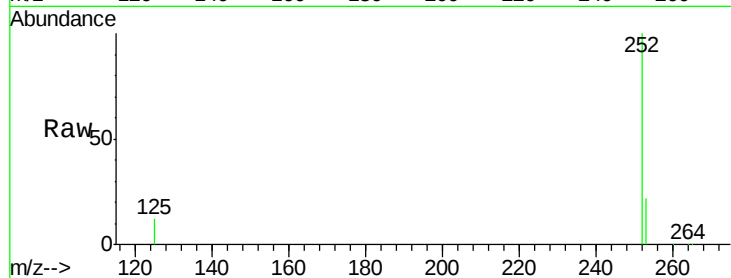
Tot Ion:252 Resp: 154619

Ion Ratio Lower Upper

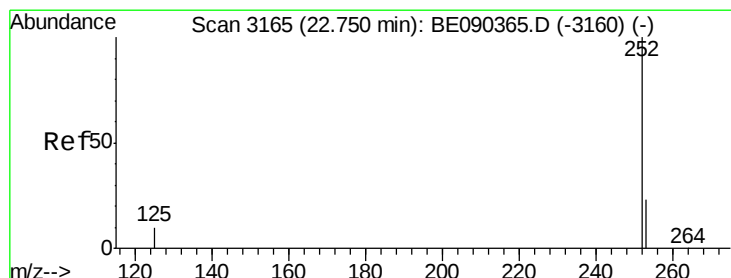
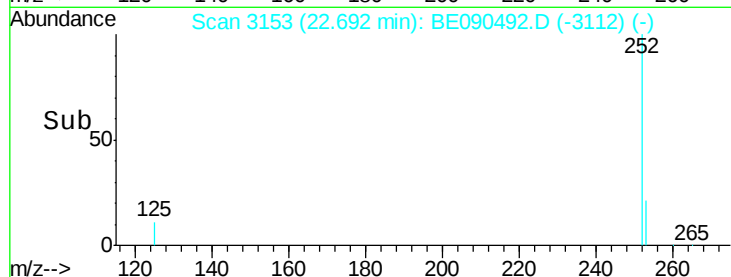
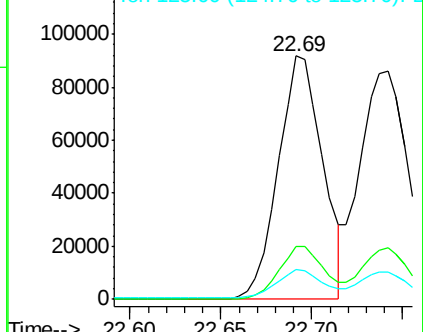
252 100

253 21.7 18.1 27.1

125 12.3 9.4 14.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 4.41 ng

RT: 22.74 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BE090492.D

Acq: 13 Aug 2015 6:12

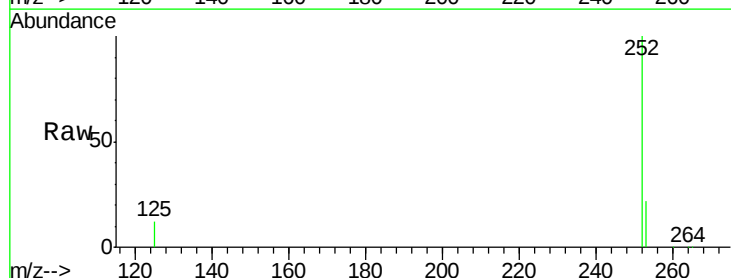
Tgt Ion:252 Resp: 176246

Ion Ratio Lower Upper

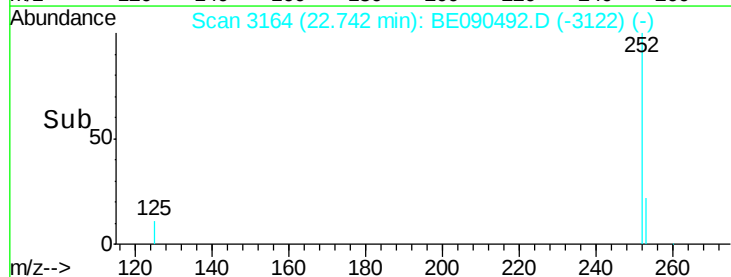
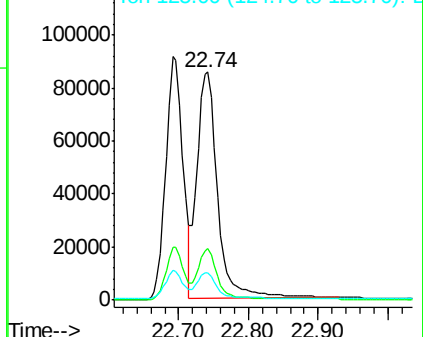
252 100

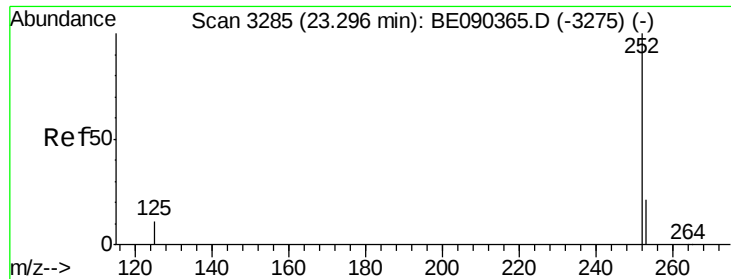
253 22.4 18.1 27.1

125 11.8 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 4.95 ng

RT: 23.29 min Scan# 3285

Delta R.T. -0.00 min

Lab File: BE090492.D

Acq: 13 Aug 2015 6:12

Instrument :

BNA_E

ClientSampleId :

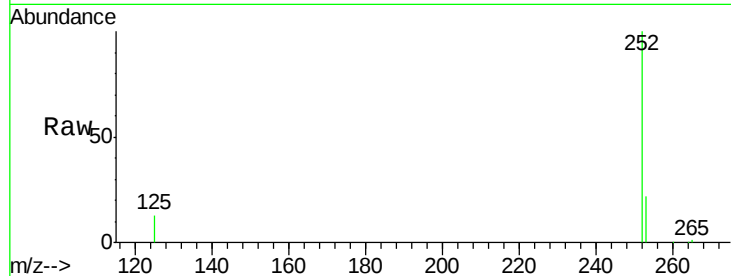
Tot Ion:252 Resp: 151546

Ion Ratio Lower Upper

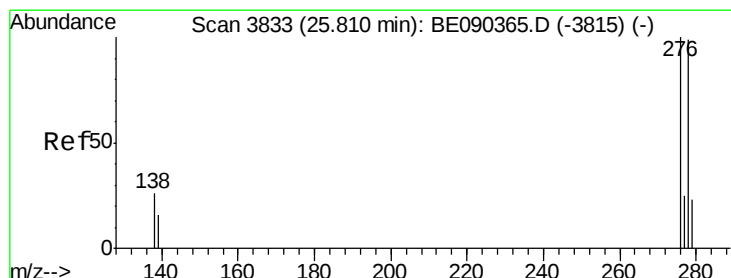
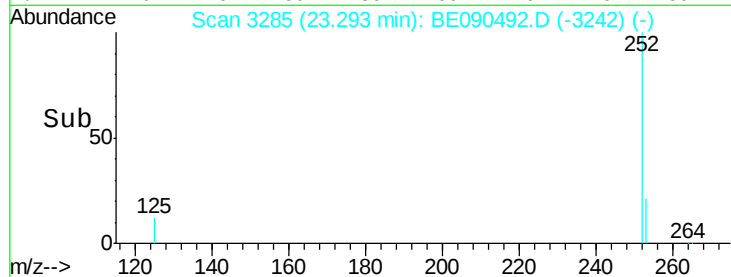
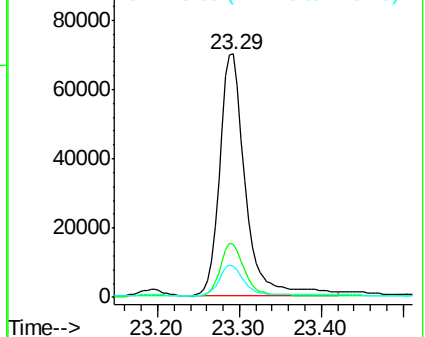
252 100

253 21.8 17.6 26.4

125 12.9 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 4.48 ng

RT: 25.79 min Scan# 3831

Delta R.T. -0.01 min

Lab File: BE090492.D

Acq: 13 Aug 2015 6:12

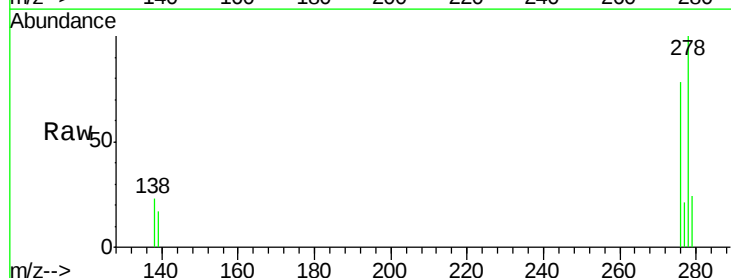
Tgt Ion:278 Resp: 133638

Ion Ratio Lower Upper

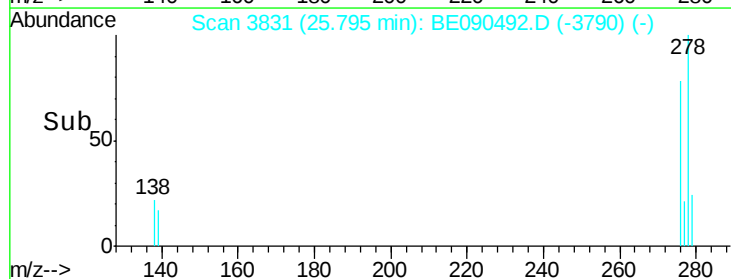
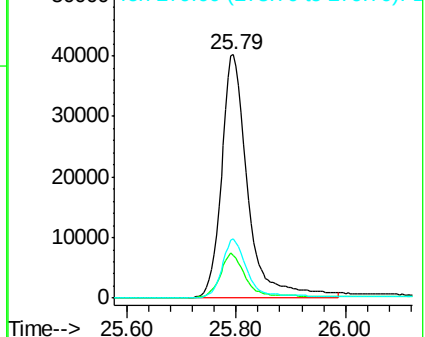
278 100

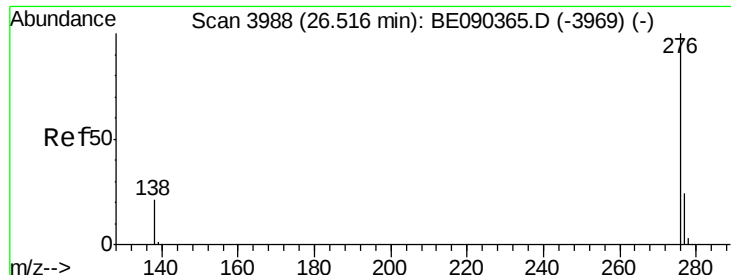
139 17.3 14.2 21.4

279 24.2 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#37

Benzo(a,h,i)perylene

Concen: 5.64 ng

RT: 26.51 min Scan# 3987

Delta R.T. -0.01 min

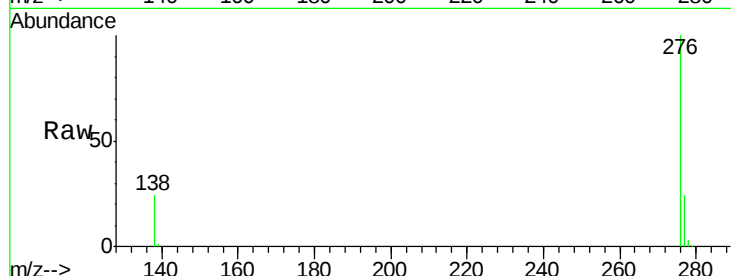
Lab File: BE090492.D

Acq: 13 Aug 2015 6:12

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 149394

Ion Ratio Lower Upper

276 100

277 23.6 20.1 30.1

138 23.6 18.1 27.1

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

