

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081715\
 Data File : BE090532.D
 Acq On : 17 Aug 2015 13:42
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 18 04:34:14 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

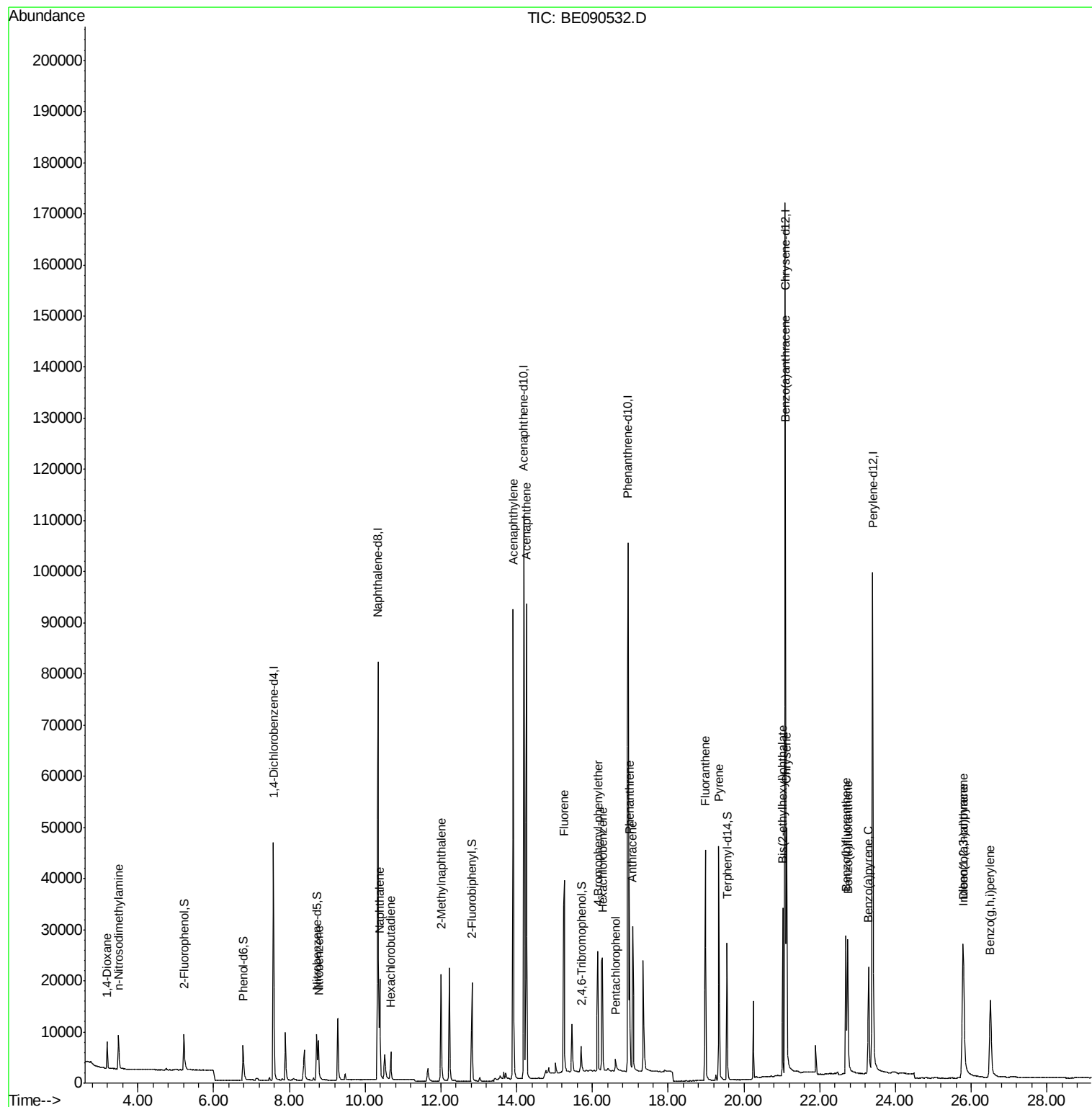
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	23002	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	115372	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	65790	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	148380	5.00	ng	0.00
25) Chrysene-d12	21.09	240	152813	5.00	ng	0.00
32) Perylene-d12	23.40	264	143391	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	6872	1.03	ng	0.00
5) Phenol-d6	6.78	99	10169	1.04	ng	0.00
7) Nitrobenzene-d5	8.72	82	9623	1.05	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	2793	1.10	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	19557	1.00	ng	0.00
27) Terphenyl-d14	19.55	244	28898	1.03	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	2995	1.09	ng	96
3) n-Nitrosodimethylamine	3.49	42	3926	0.99	ng	# 69
8) Nitrobenzene	8.77	77	9899	1.04	ng	96
9) Naphthalene	10.38	128	25833	0.99	ng	99
10) Hexachlorobutadiene	10.68	225	3764	0.98	ng	100
11) 2-Methylnaphthalene	12.00	142	17666	1.03	ng	97
15) Acenaphthylene	13.91	152	121257	1.01	ng	100
16) Acenaphthene	14.26	154	17973	0.99	ng	# 77
17) Fluorene	15.26	166	22541	1.02	ng	98
19) 4-Bromophenyl-phenylether	16.14	248	6190	1.02	ng	83
20) Hexachlorobenzene	16.27	284	26776	1.00	ng	96
21) Pentachlorophenol	16.61	266	1866	0.85	ng	90
22) Phenanthrene	16.98	178	38445	0.99	ng	100
23) Anthracene	17.07	178	36379	1.01	ng	100
24) Fluoranthene	18.98	202	42200	1.02	ng	99
26) Pyrene	19.34	202	43875	1.00	ng	100
28) Benzo(a)anthracene	21.08	228	40718	1.01	ng	99
29) Chrysene	21.13	228	41625	1.01	ng	98
30) Bis(2-ethylhexyl)phthalate	21.02	149	29424	1.33	ng	97
31) Indeno(1,2,3-cd)pyrene	25.78	276	40449	1.05	ng	93
33) Benzo(b)fluoranthene	22.70	252	35057	1.03	ng	# 97
34) Benzo(k)fluoranthene	22.74	252	40246	1.05	ng	# 96
35) Benzo(a)pyrene	23.29	252	33692	1.06	ng	# 93
36) Dibenzo(a,h)anthracene	25.80	278	32287	1.05	ng	# 95
37) Benzo(g,h,i)perylene	26.51	276	35307	1.05	ng	95

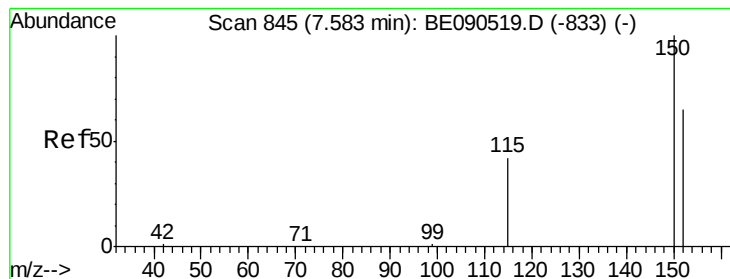
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 18 04:34:14 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 14 16:52:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. -0.00 min

Lab File: BE090532.D

Acq: 17 Aug 2015 13:42

Instrument :

BNA_E

ClientSampled :

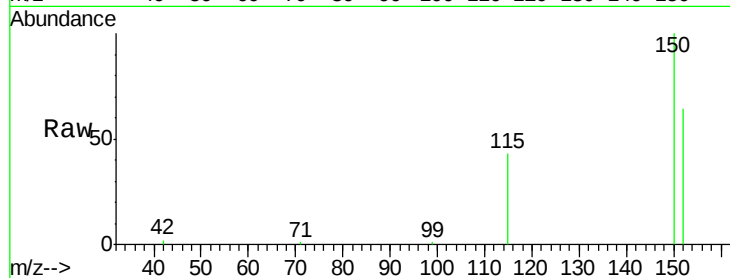
Tot Ion:152 Resp: 23002

Ion Ratio Lower Upper

152 100

150 155.8 123.0 184.4

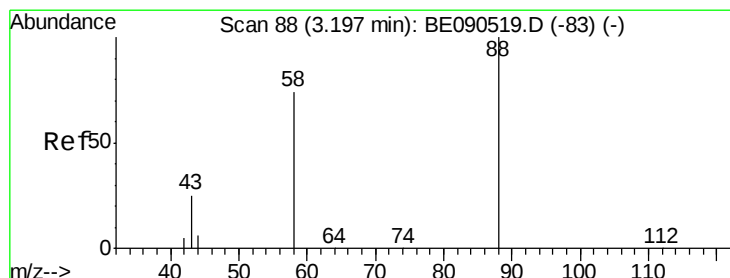
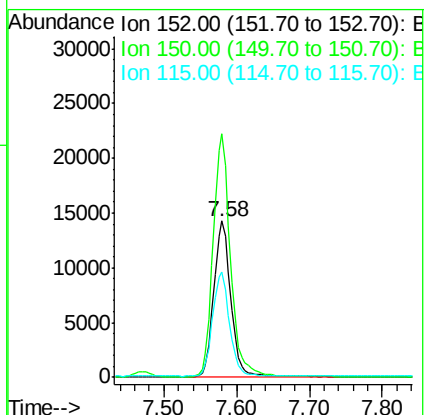
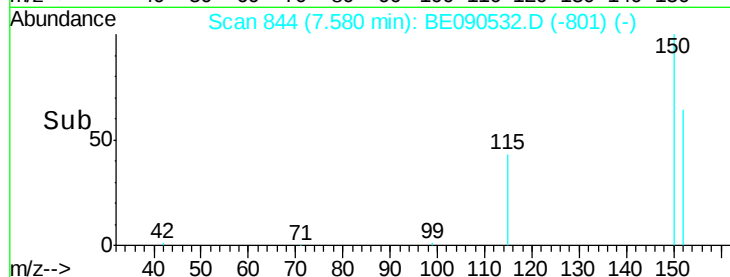
115 67.5 48.9 73.3



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: 1.09 ng

RT: 3.19 min Scan# 88

Delta R.T. -0.00 min

Lab File: BE090532.D

Acq: 17 Aug 2015 13:42

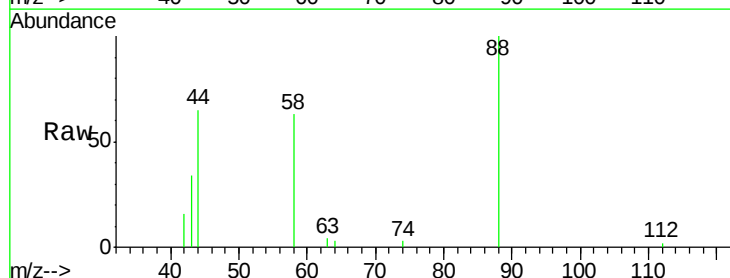
Tgt Ion: 88 Resp: 2995

Ion Ratio Lower Upper

88 100

58 84.1 70.0 105.0

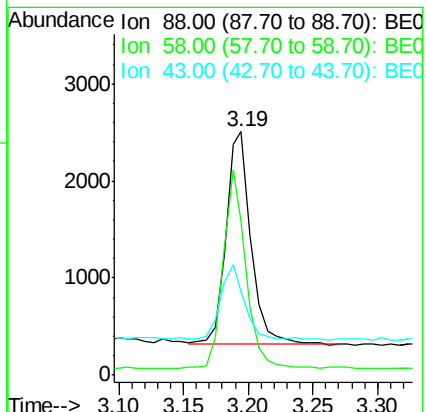
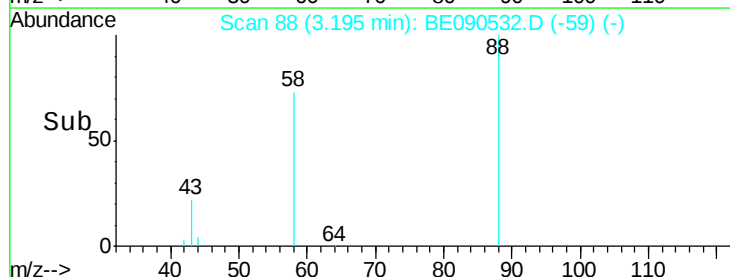
43 32.6 28.4 42.6

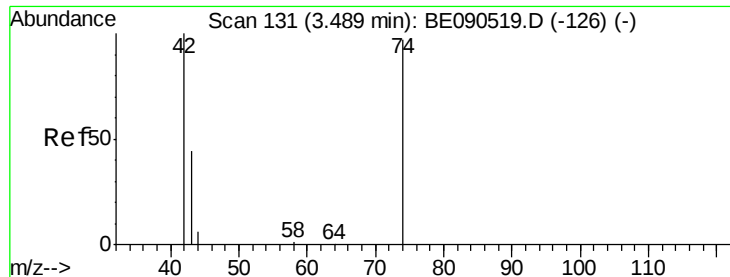


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



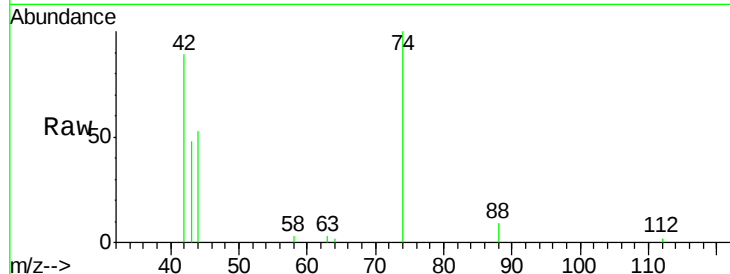


#3

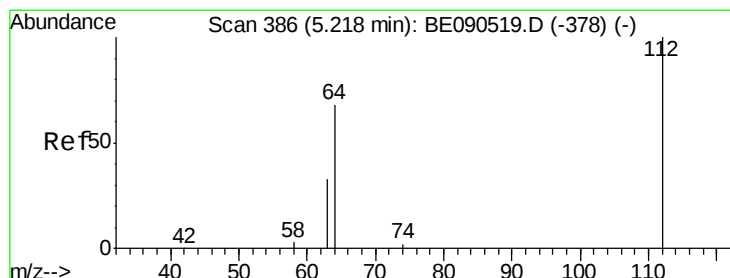
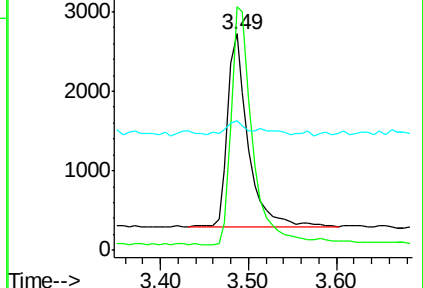
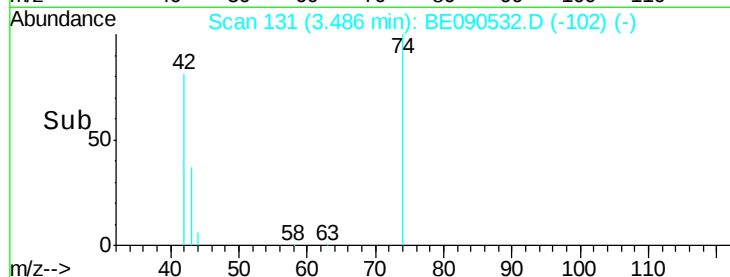
n-Nitrosodimethylamine
 Concen: 0.99 ng
 RT: 3.49 min Scan# 131
 Delta R.T. -0.00 min
 Lab File: BE090532.D
 Acq: 17 Aug 2015 13:42

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 3926
 Ion Ratio Lower Upper
 42 100
 74 126.1 75.2 112.8#
 44 7.1 8.7 13.1#



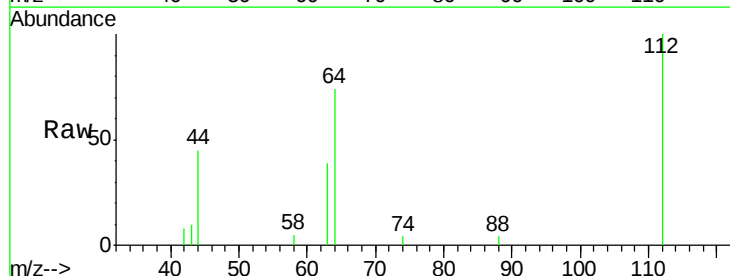
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



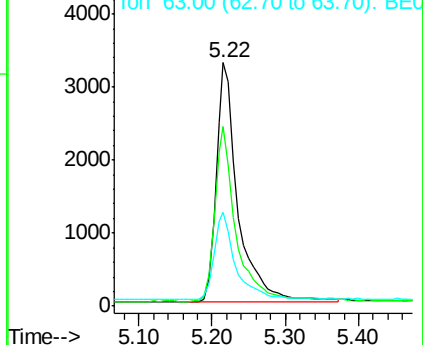
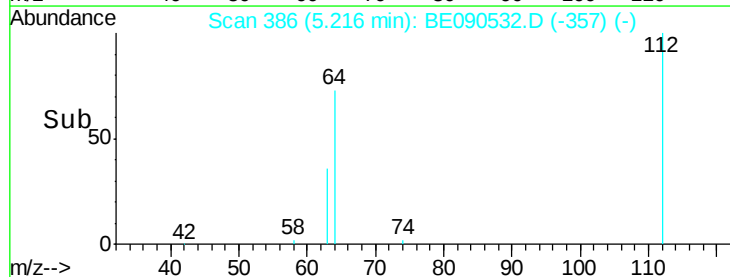
#4

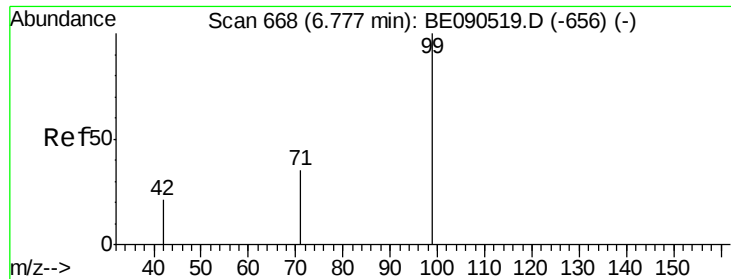
2-Fluorophenol
 Concen: 1.03 ng
 RT: 5.22 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: BE090532.D
 Acq: 17 Aug 2015 13:42

Tgt Ion: 112 Resp: 6872
 Ion Ratio Lower Upper
 112 100
 64 71.7 37.1 55.7#
 63 36.1 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: 1.04 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090532.D

Acq: 17 Aug 2015 13:42

Instrument :

BNA_E

ClientSampleId :

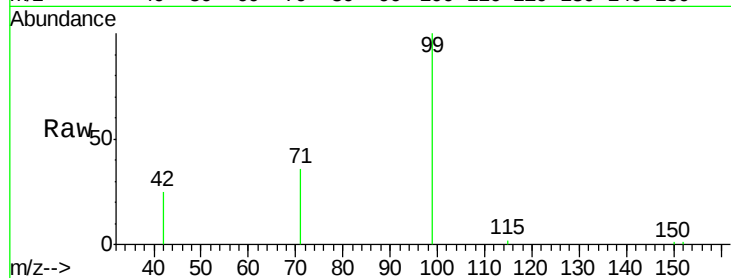
Tot Ion: 99 Resp: 10169

Ion Ratio Lower Upper

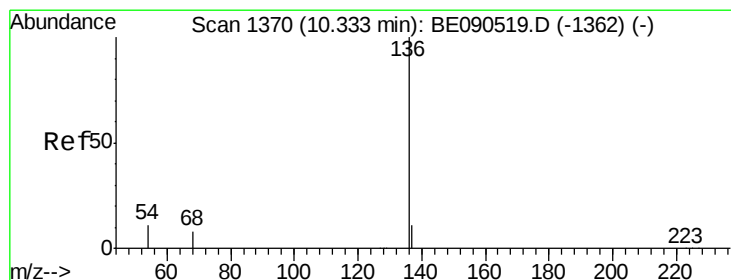
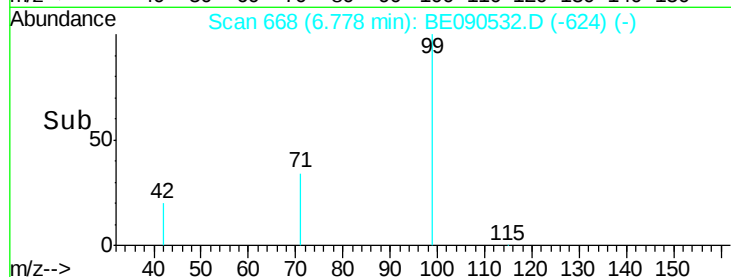
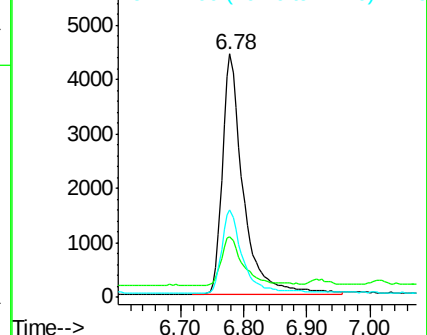
99 100

42 21.0 18.2 27.4

71 35.5 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: 10.34 min Scan# 1371

Delta R.T. 0.01 min

Lab File: BE090532.D

Acq: 17 Aug 2015 13:42

Tgt Ion: 136 Resp: 115372

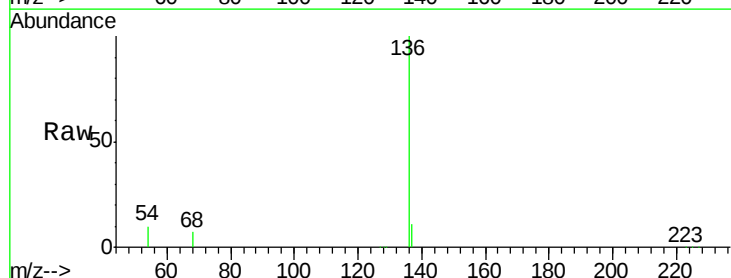
Ion Ratio Lower Upper

136 100

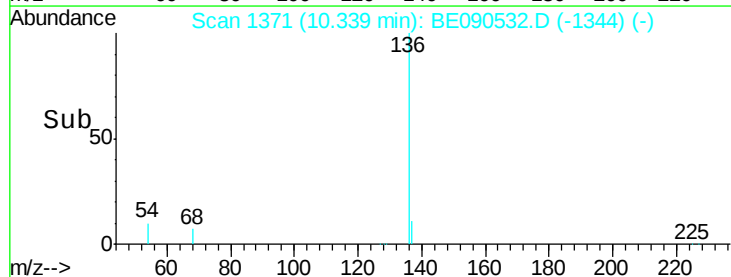
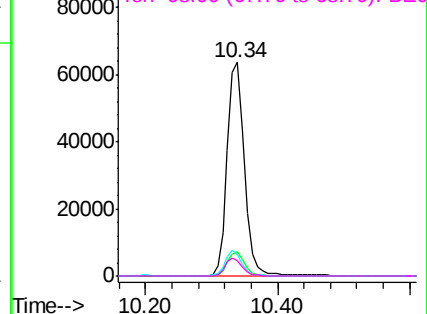
137 11.2 8.7 13.1

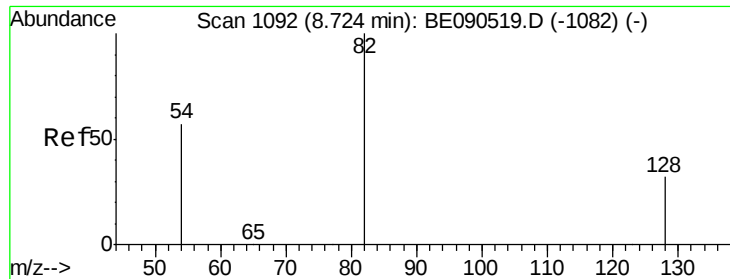
54 10.2 9.4 14.0

68 7.5 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: 1.05 ng

RT: 8.72 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE090532.D

Acq: 17 Aug 2015 13:42

Instrument :

BNA_E

ClientSampleId :

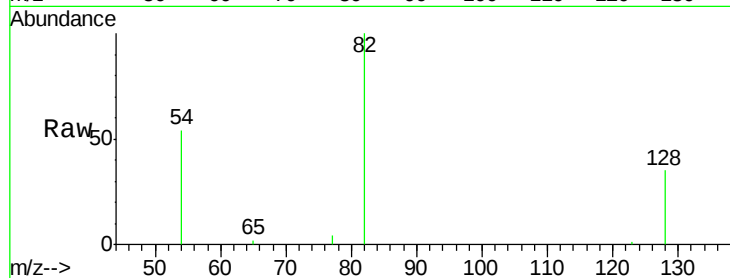
Tot Ion: 82 Resp: 9623

Ion Ratio Lower Upper

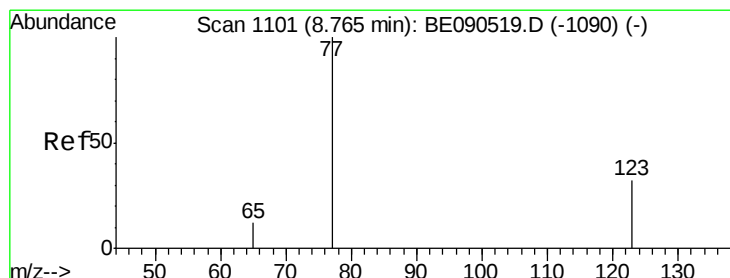
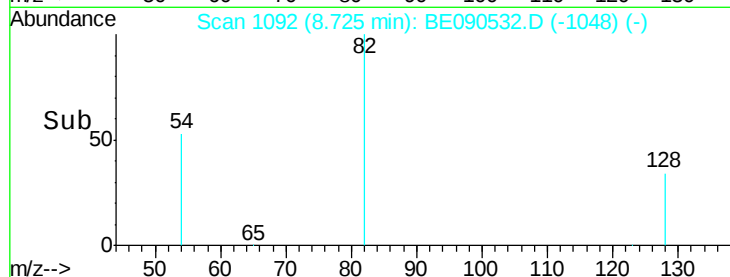
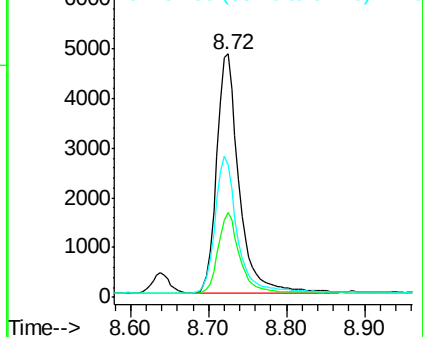
82 100

128 34.6 25.0 37.6

54 54.3 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: 1.04 ng

RT: 8.77 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BE090532.D

Acq: 17 Aug 2015 13:42

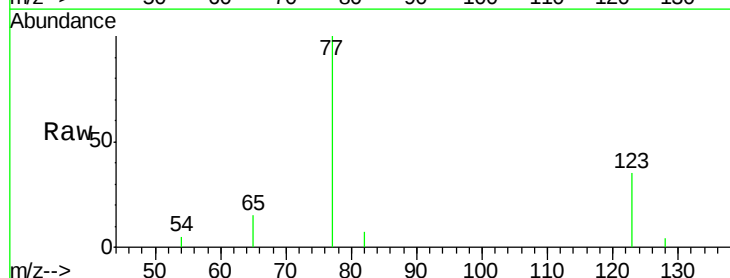
Tgt Ion: 77 Resp: 9899

Ion Ratio Lower Upper

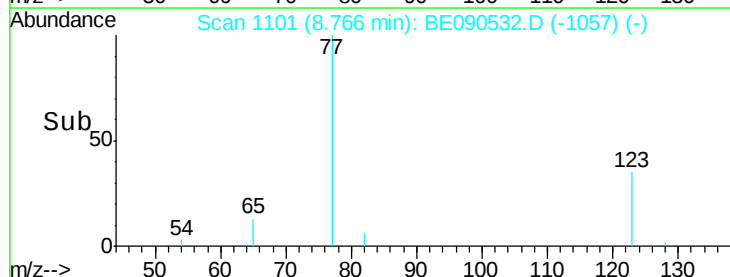
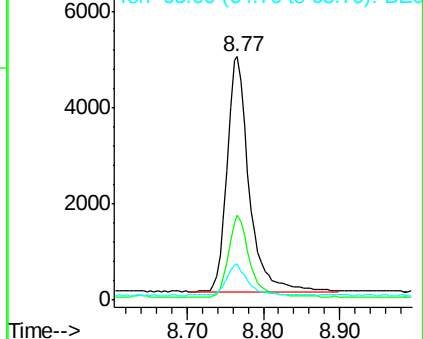
77 100

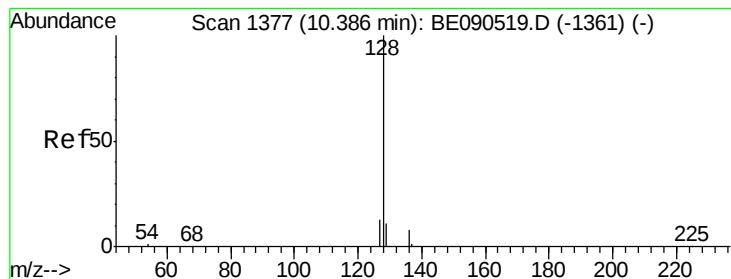
123 34.2 25.1 37.7

65 12.3 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: 0.99 ng

RT: 10.38 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BE090532.D

Acq: 17 Aug 2015 13:42

Instrument :

BNA_E

ClientSampled :

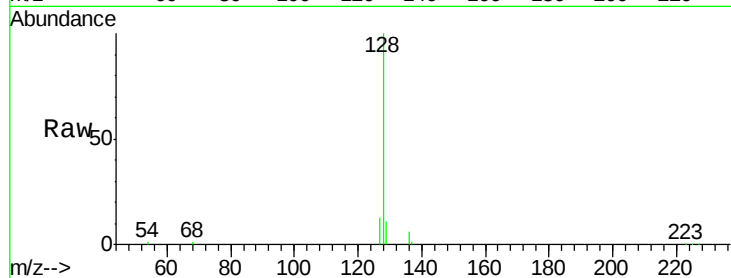
Tot Ion:128 Resp: 25833

Ion Ratio Lower Upper

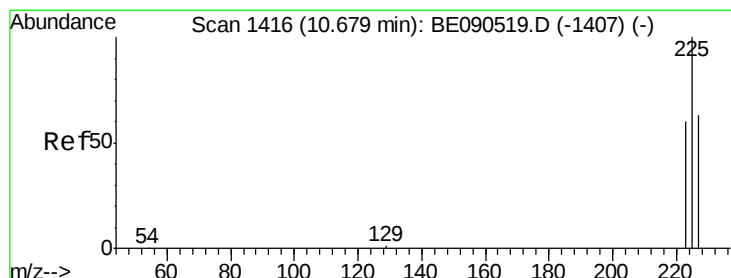
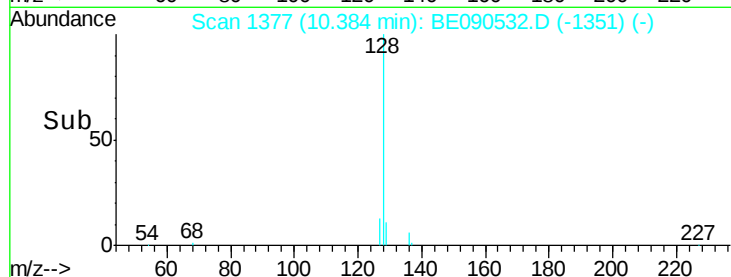
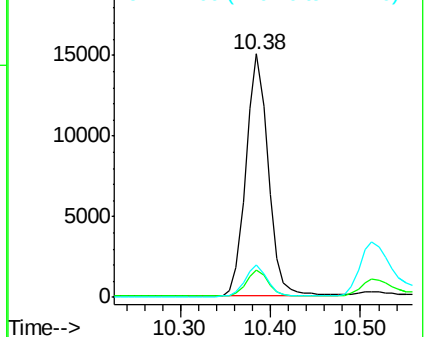
128 100

129 11.5 9.8 14.6

127 13.3 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: 0.98 ng

RT: 10.68 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BE090532.D

Acq: 17 Aug 2015 13:42

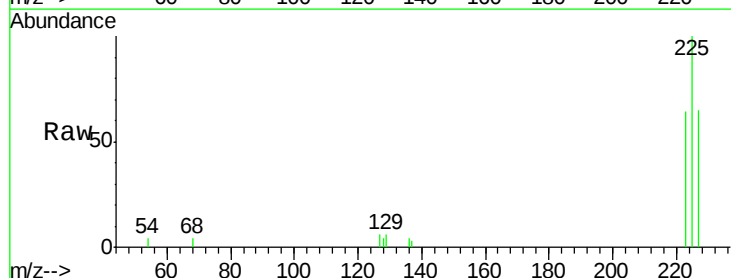
Tgt Ion:225 Resp: 3764

Ion Ratio Lower Upper

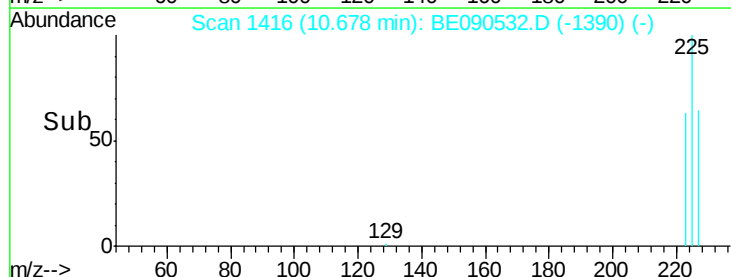
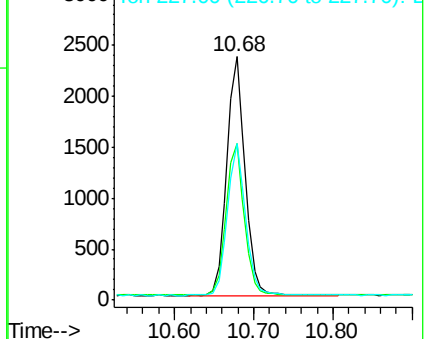
225 100

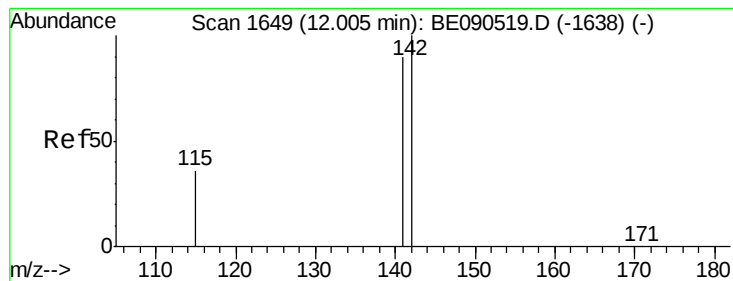
223 63.2 50.6 75.8

227 63.3 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

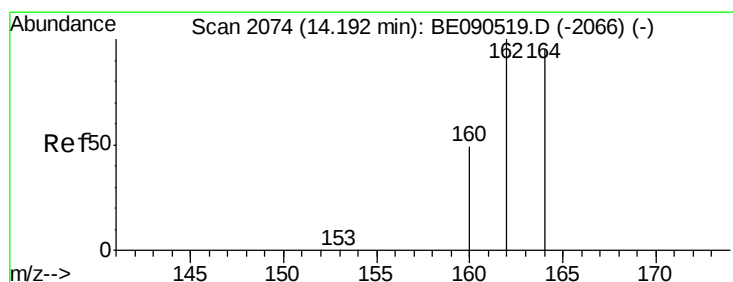
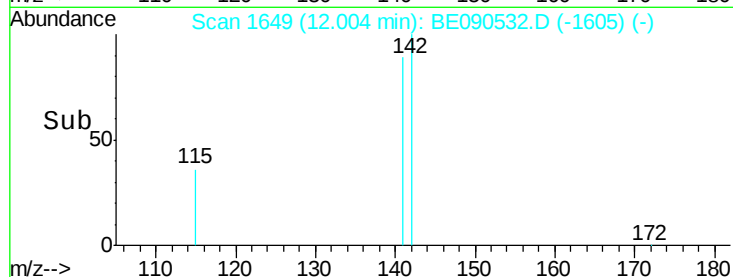
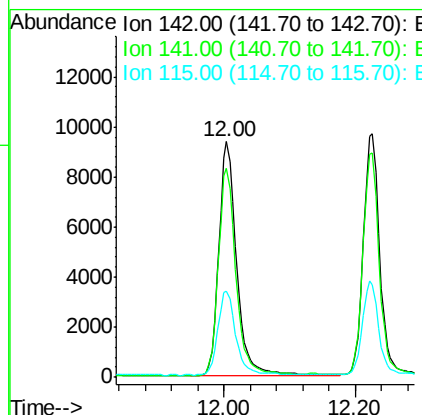
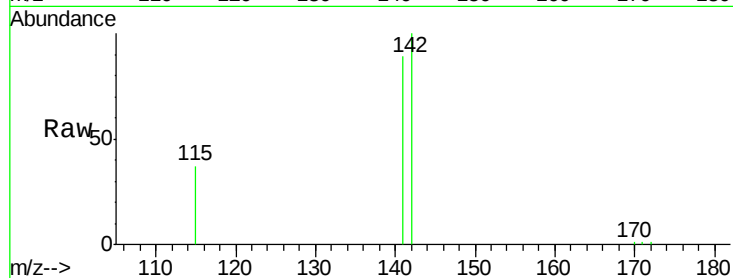




#11
2-Methylnaphthalene
Concen: 1.03 ng
RT: 12.00 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

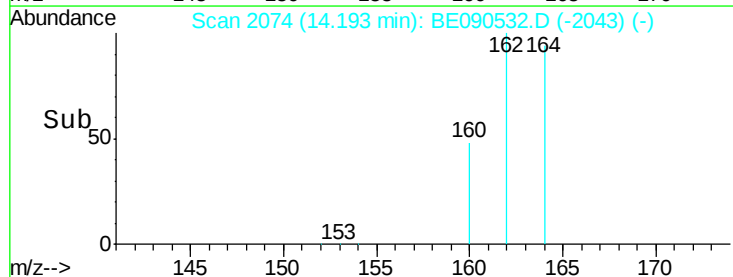
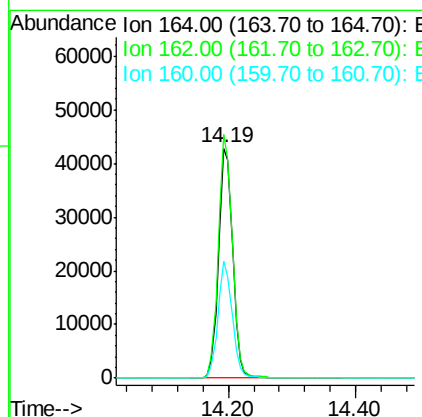
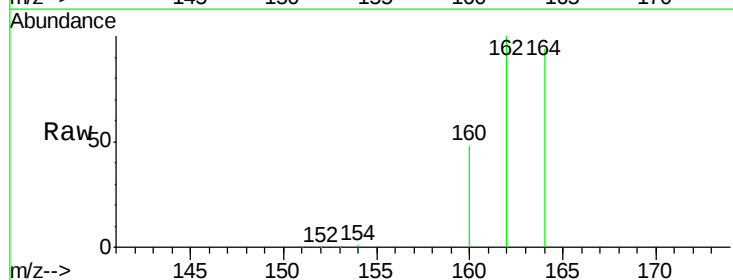
Instrument :
BNA_E
ClientSampleId :

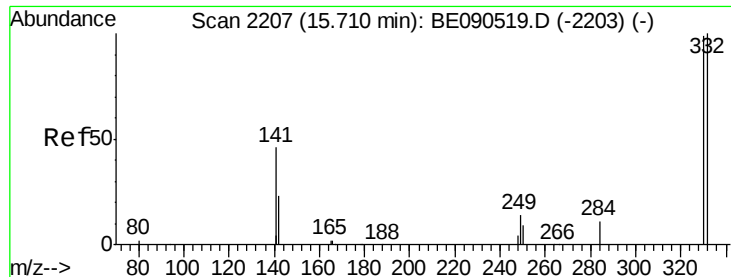
Tot Ion:142 Resp: 17666
Ion Ratio Lower Upper
142 100
141 88.8 72.6 109.0
115 36.8 31.6 47.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Tgt Ion:164 Resp: 65790
Ion Ratio Lower Upper
164 100
162 105.9 81.8 122.8
160 51.0 44.2 66.4

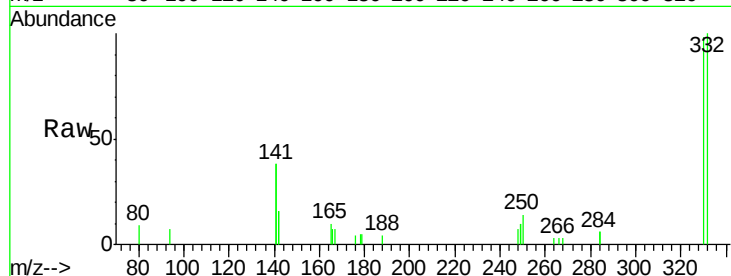




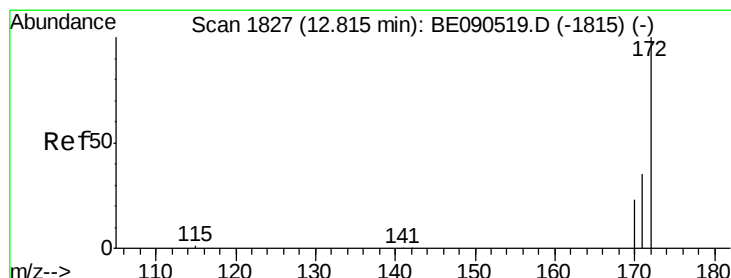
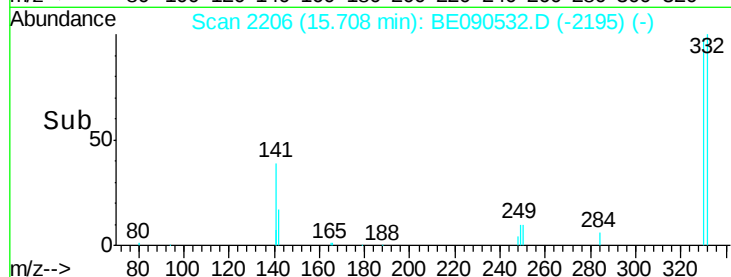
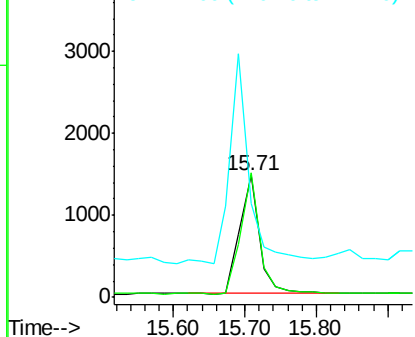
#13
 2,4,6-Tribromophenol
 Concen: 1.10 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BE090532.D
 Acq: 17 Aug 2015 13:42

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 2793
 Ion Ratio Lower Upper
 330 100
 332 97.7 75.8 113.6
 141 171.8 114.4 171.6#

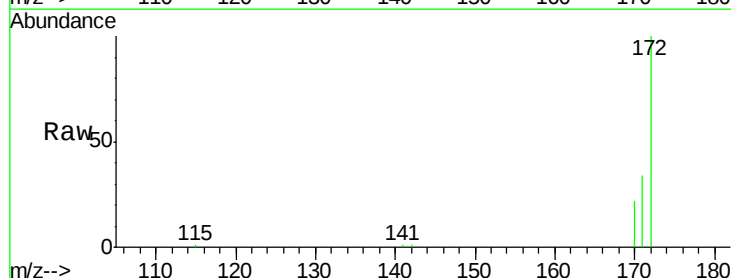


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

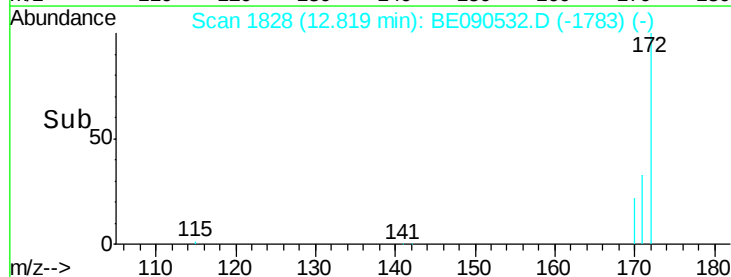
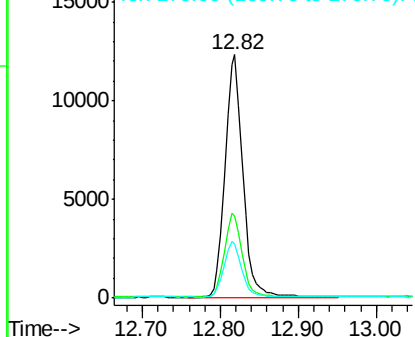


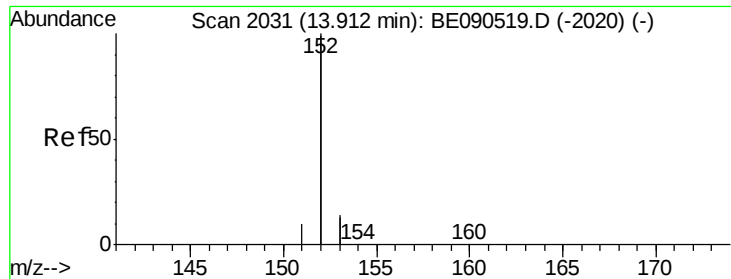
#14
 2-Fluorobiphenyl
 Concen: 1.00 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BE090532.D
 Acq: 17 Aug 2015 13:42

Tgt Ion:172 Resp: 19557
 Ion Ratio Lower Upper
 172 100
 171 33.8 28.5 42.7
 170 22.3 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 1.01 ng

RT: 13.91 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BE090532.D

Acq: 17 Aug 2015 13:42

Instrument :

BNA_E

ClientSampled :

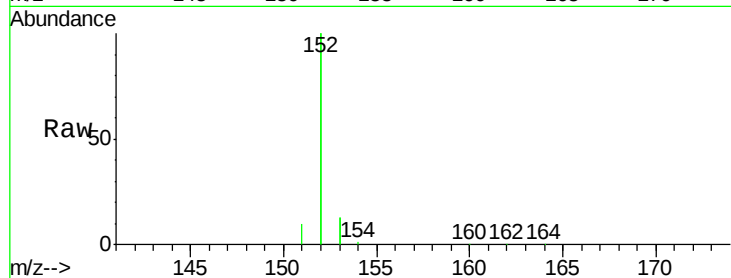
Tot Ion:152 Resp: 121257

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

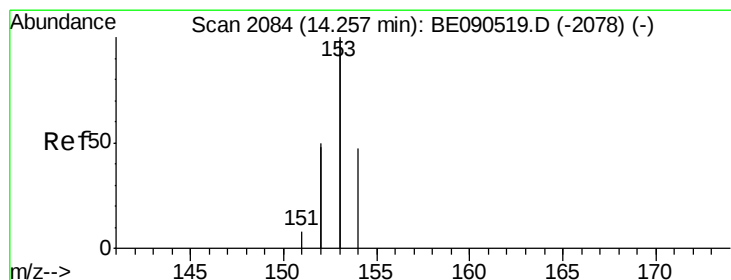
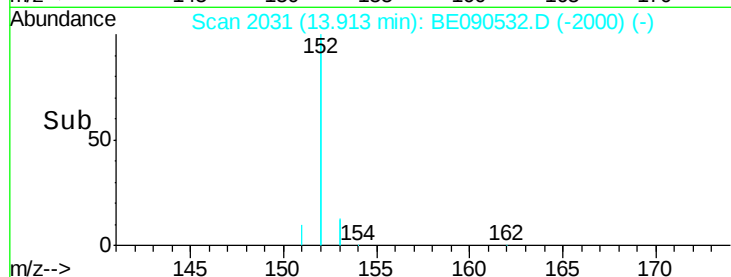
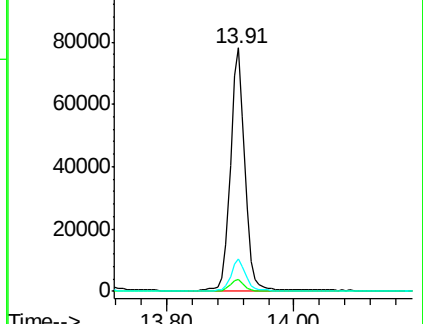
153 13.0 10.3 15.5



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: 0.99 ng

RT: 14.26 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BE090532.D

Acq: 17 Aug 2015 13:42

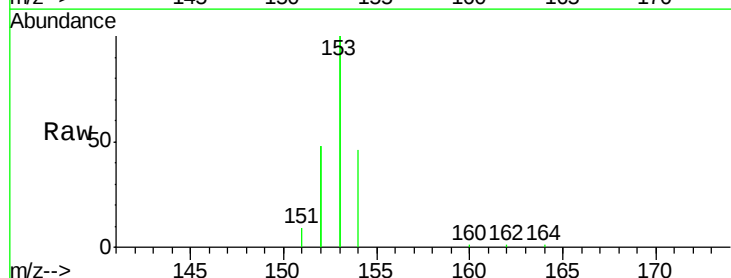
Tgt Ion:154 Resp: 17973

Ion Ratio Lower Upper

154 100

153 436.0 376.2 564.2

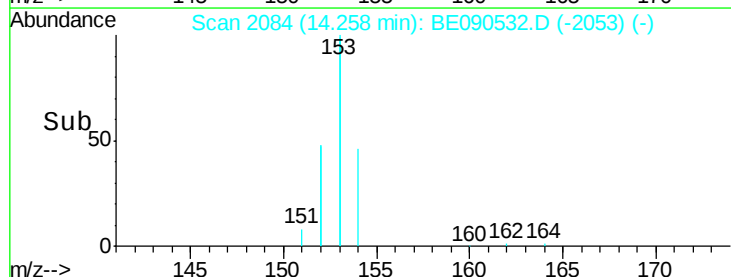
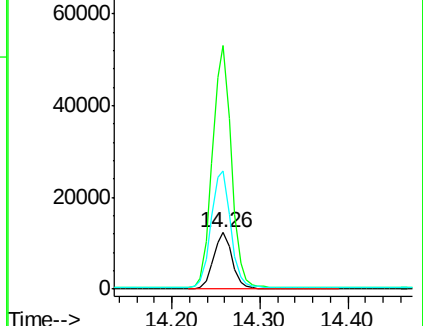
152 217.5 235.0 352.4#

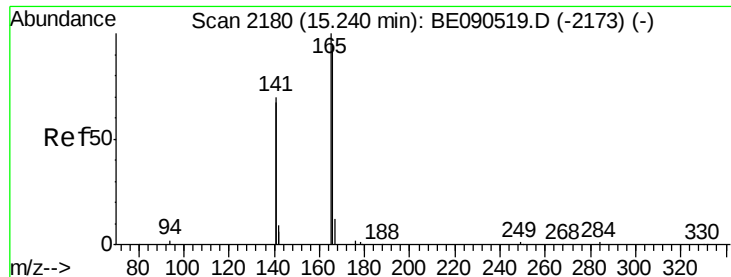


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

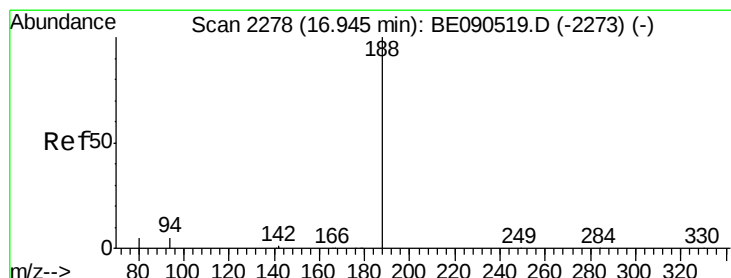
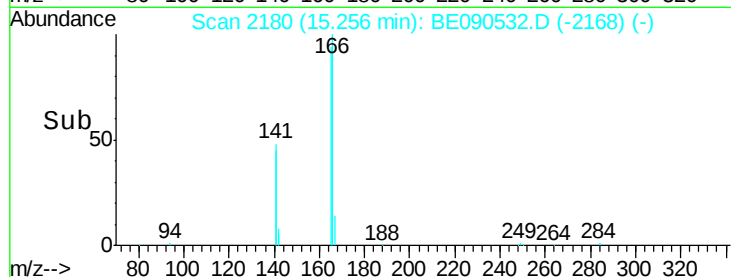
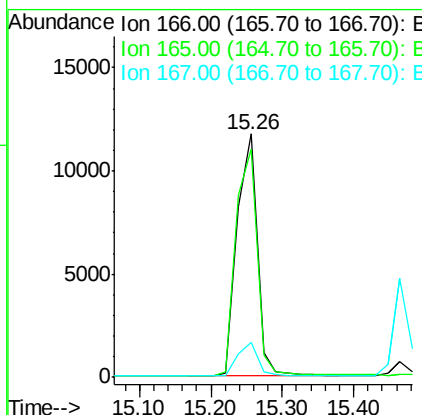
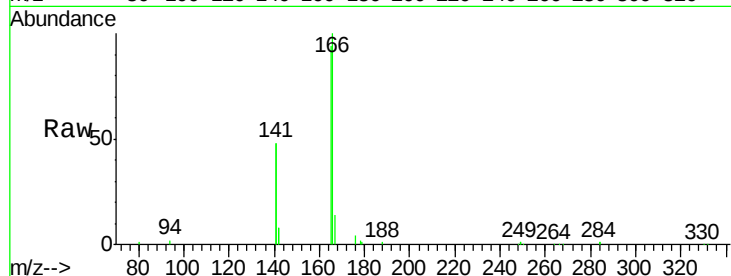




#17
Fluorene
 Concen: 1.02 ng
 RT: 15.26 min Scan# 2180
 Delta R.T. 0.02 min
 Lab File: BE090532.D
 Acq: 17 Aug 2015 13:42

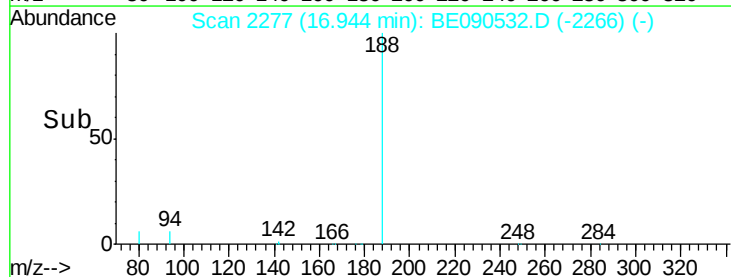
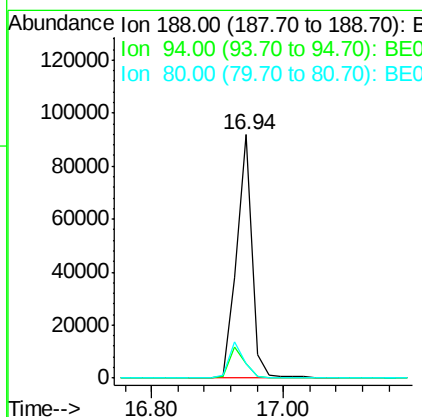
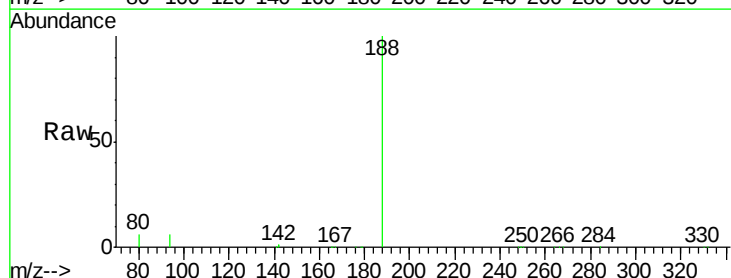
Instrument :
 BNA_E
 ClientSampleId :

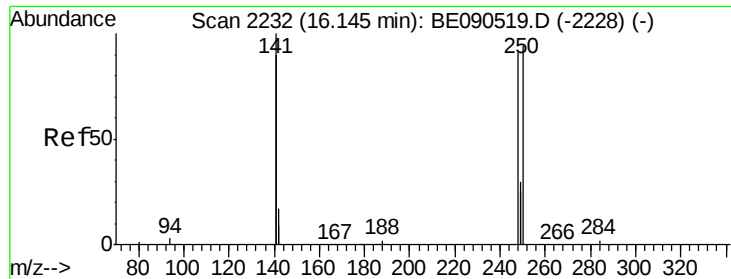
Tot Ion:166 Resp: 22541
 Ion Ratio Lower Upper
 166 100
 165 99.9 81.5 122.3
 167 14.0 11.4 17.0



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.94 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BE090532.D
 Acq: 17 Aug 2015 13:42

Tgt Ion:188 Resp: 148380
 Ion Ratio Lower Upper
 188 100
 94 5.9 5.7 8.5
 80 5.9 5.8 8.8

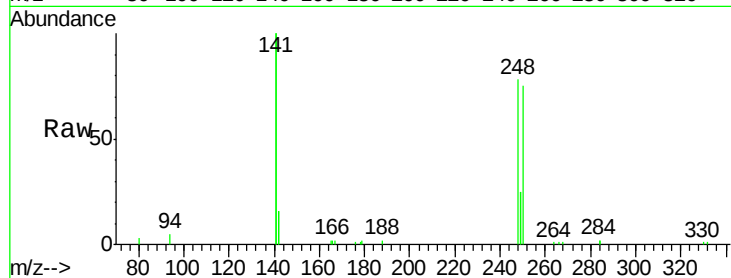




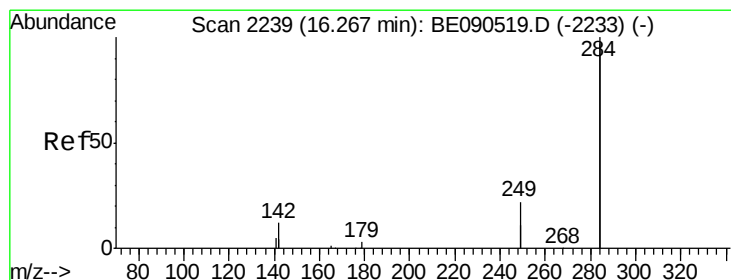
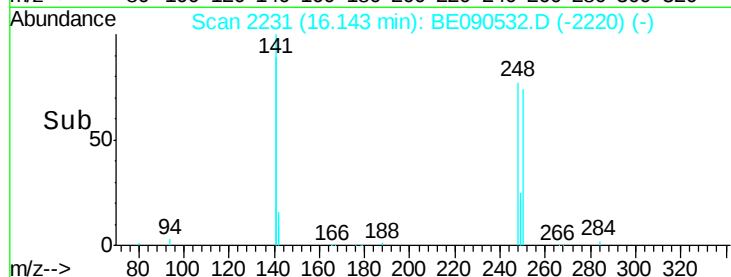
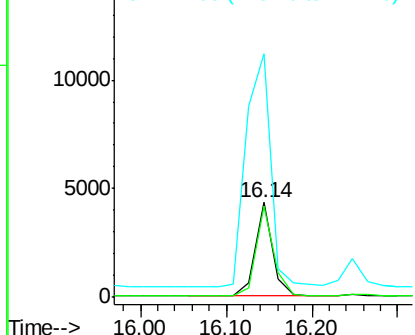
#19
4-Bromophenyl-phenylether
Concen: 1.02 ng
RT: 16.14 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Instrument :
BNA_E
ClientSampled :

Tot Ion:248 Resp: 6190
Ion Ratio Lower Upper
248 100
250 98.0 79.0 118.6
141 342.0 239.5 359.3

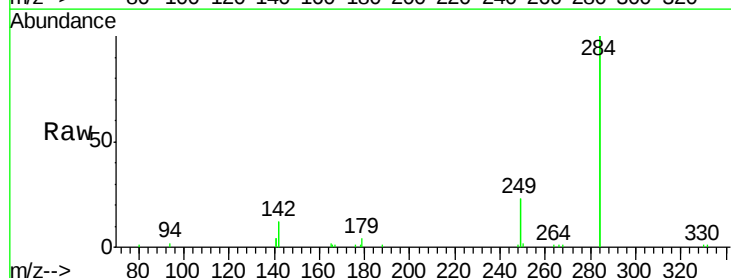


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

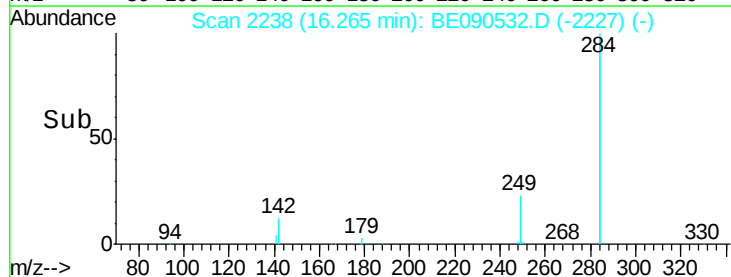
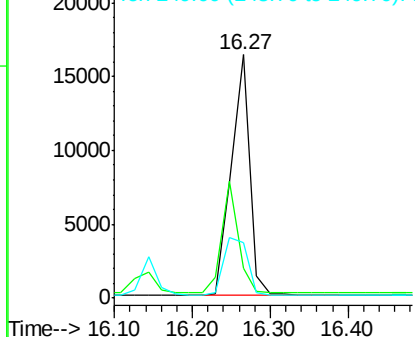


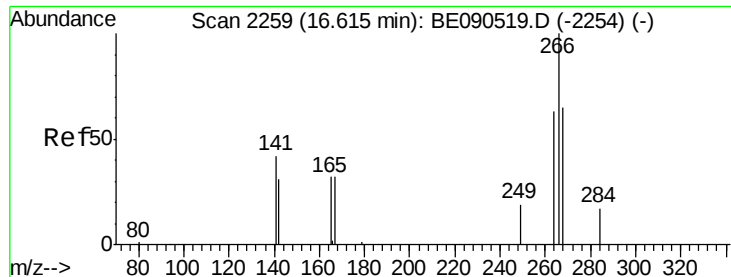
#20
Hexachlorobenzene
Concen: 1.00 ng
RT: 16.27 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Tgt Ion:284 Resp: 26776
Ion Ratio Lower Upper
284 100
142 40.8 30.1 45.1
249 30.2 25.7 38.5



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

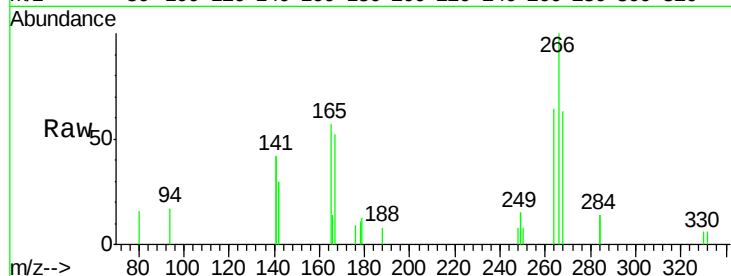




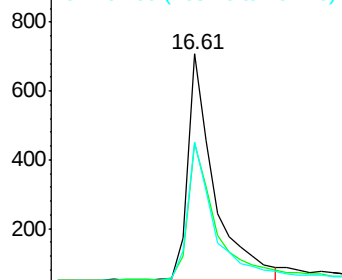
#21
 Pentachlorophenol
 Concen: 0.85 ng
 RT: 16.61 min Scan# 2258
 Delta R.T. -0.00 min
 Lab File: BE090532.D
 Acq: 17 Aug 2015 13:42

Instrument :
 BNA_E
 ClientSampled :

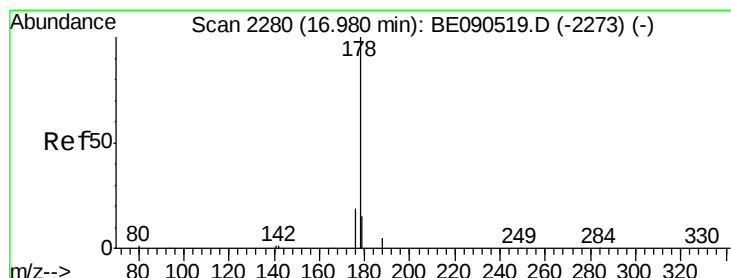
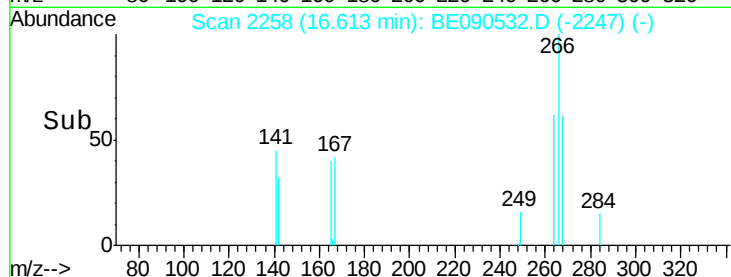
Tot Ion:266 Resp: 1866
 Ion Ratio Lower Upper
 266 100
 268 63.3 58.5 87.7
 264 64.0 56.0 84.0



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

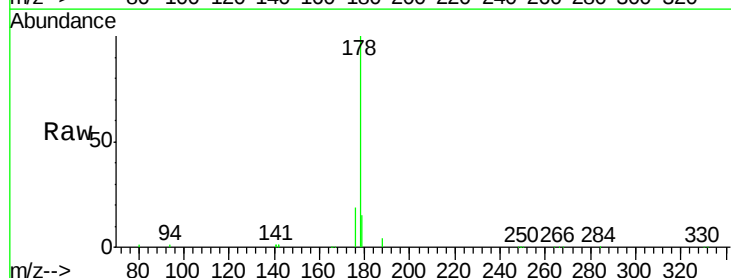


Time--> 16.40 16.60 16.80

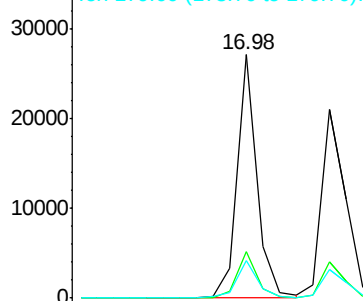


#22
 Phenanthrene
 Concen: 0.99 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BE090532.D
 Acq: 17 Aug 2015 13:42

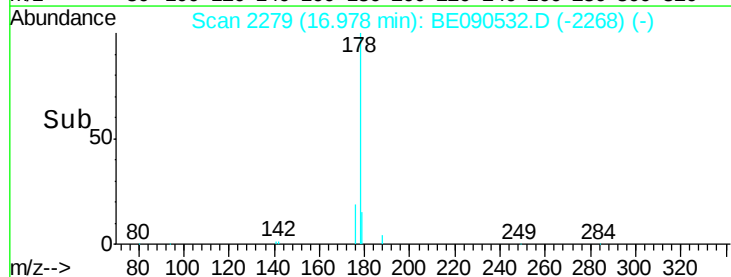
Tgt Ion:178 Resp: 38445
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.6 12.5 18.7

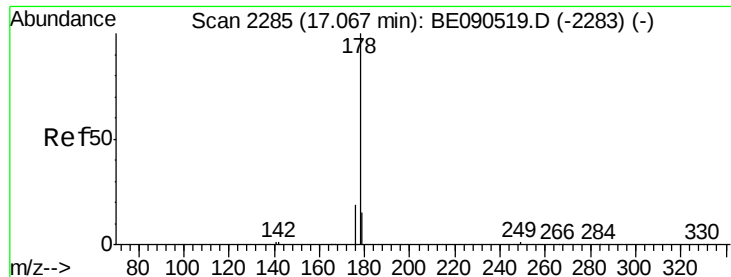


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



Time--> 16.80 16.90 17.00





#23

Anthracene

Concen: 1.01 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BE090532.D

Acq: 17 Aug 2015 13:42

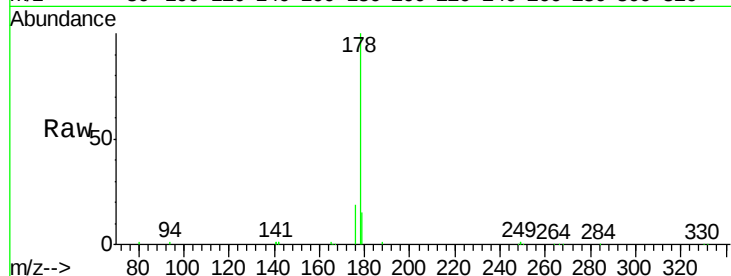
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 36379

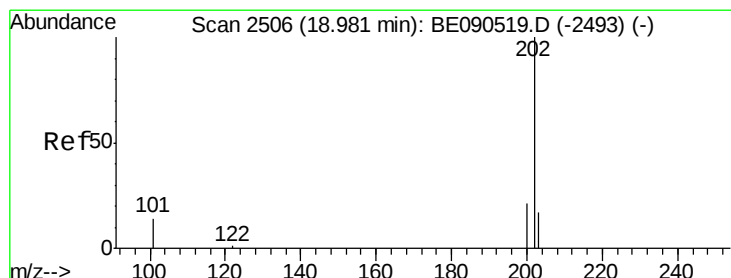
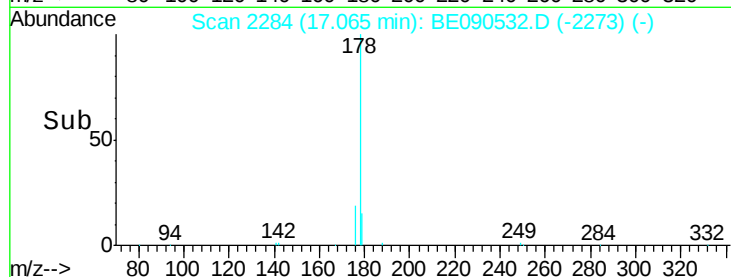
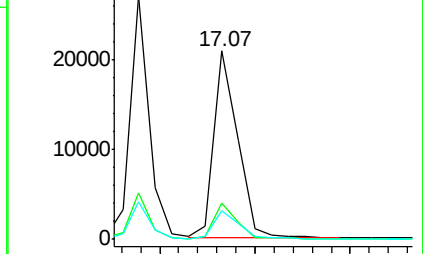
Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.2	12.2	18.4



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: 1.02 ng

RT: 18.98 min Scan# 2505

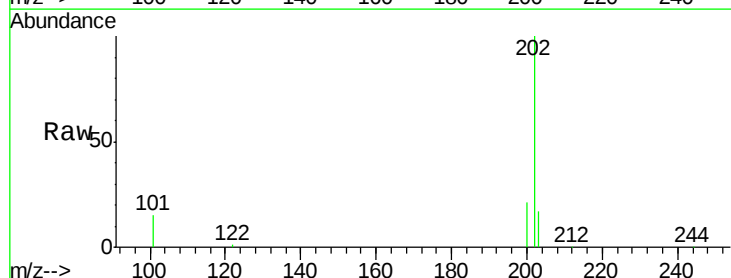
Delta R.T. 0.00 min

Lab File: BE090532.D

Acq: 17 Aug 2015 13:42

Tgt Ion:202 Resp: 42200

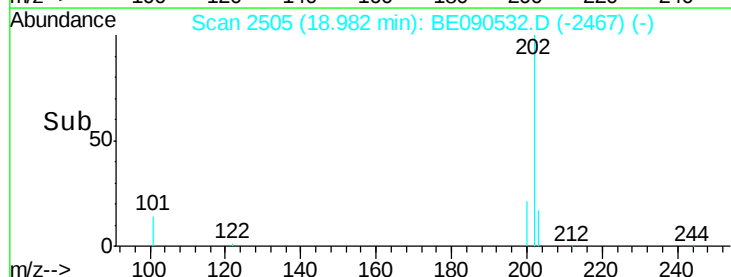
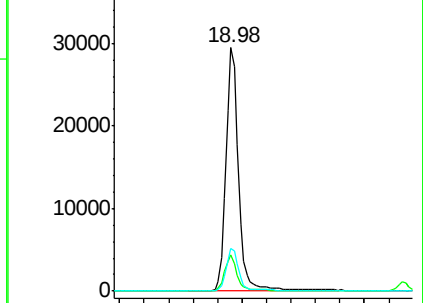
Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.3	15.5
203	17.3	13.7	20.5

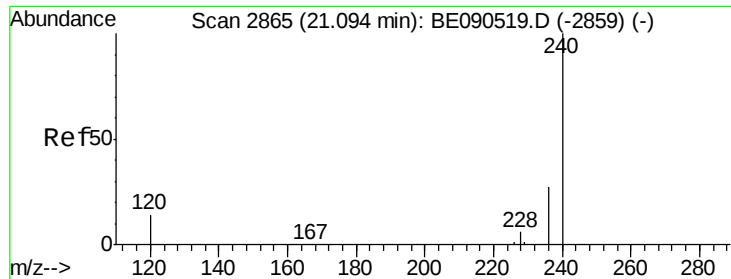


Abundance Ion 202.00 (201.70 to 202.70): E

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. 0.00 min

Lab File: BE090532.D

Acq: 17 Aug 2015 13:42

Instrument :

BNA_E

ClientSampled :

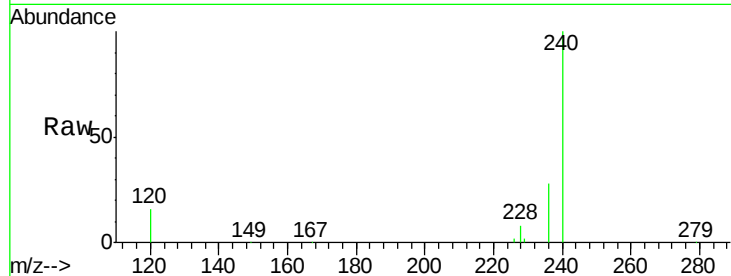
Tot Ion:240 Resp: 152813

Ion Ratio Lower Upper

240 100

120 15.6 8.3 12.5#

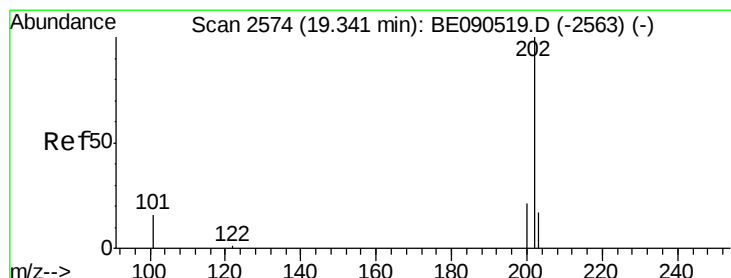
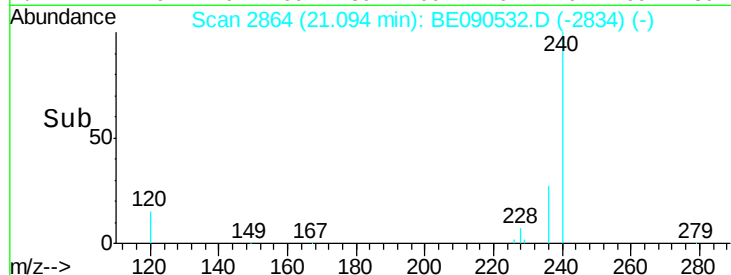
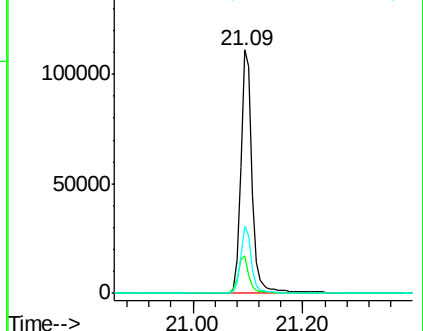
236 27.5 21.0 31.4



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: 1.00 ng

RT: 19.34 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BE090532.D

Acq: 17 Aug 2015 13:42

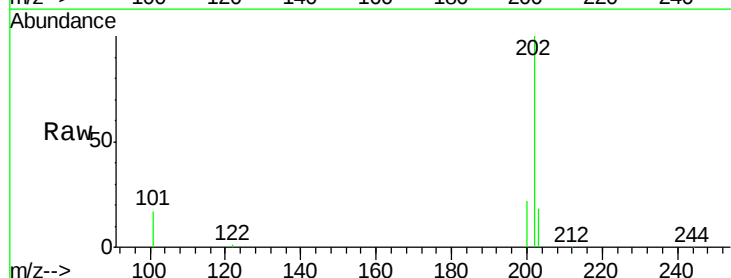
Tgt Ion:202 Resp: 43875

Ion Ratio Lower Upper

202 100

200 21.2 16.7 25.1

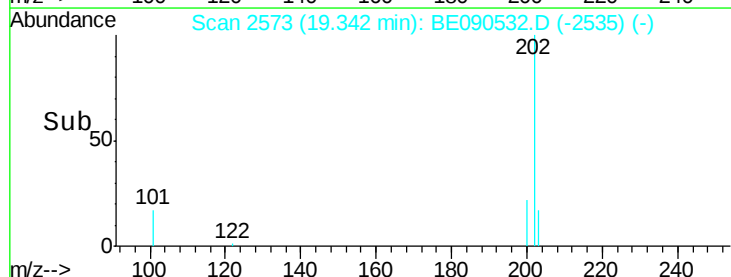
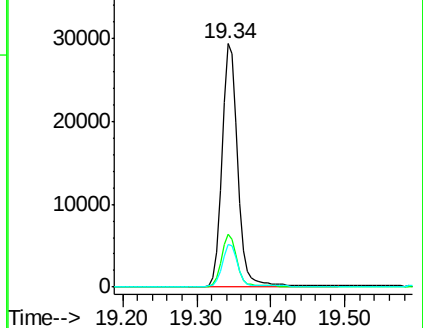
203 17.5 13.8 20.8

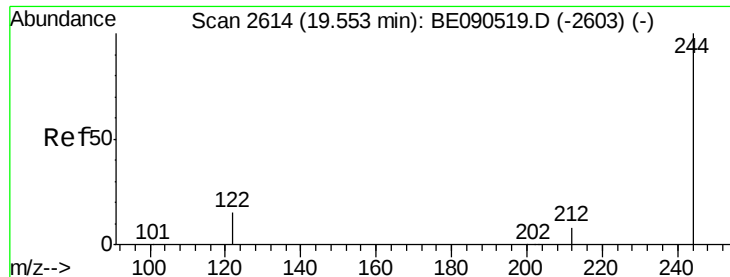


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 1.03 ng

RT: 19.55 min Scan# 2613

Delta R.T. 0.00 min

Lab File: BE090532.D

Acq: 17 Aug 2015 13:42

Instrument :

BNA_E

ClientSampleId :

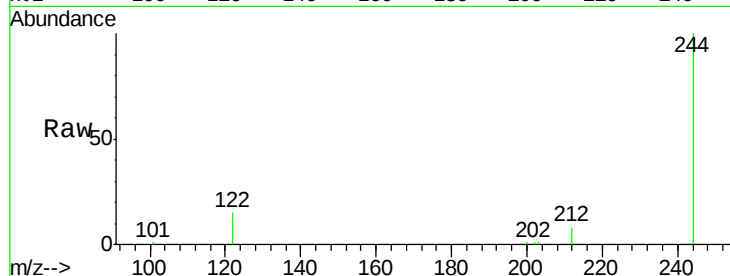
Tot Ion:244 Resp: 28898

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

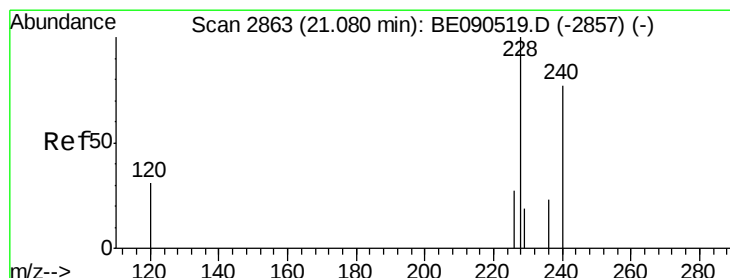
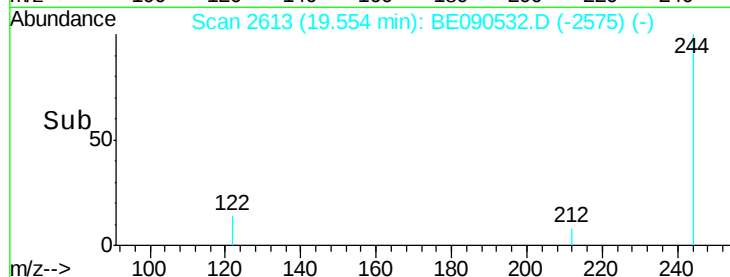
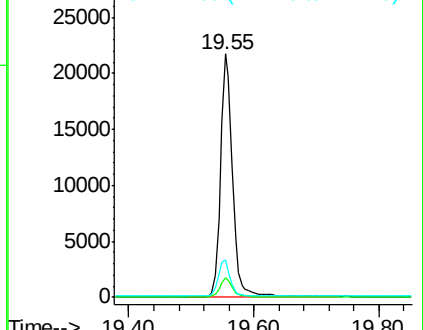
122 15.2 10.2 15.4



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: 1.01 ng

RT: 21.08 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BE090532.D

Acq: 17 Aug 2015 13:42

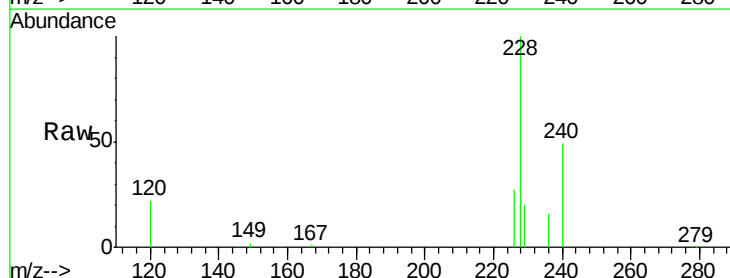
Tgt Ion:228 Resp: 40718

Ion Ratio Lower Upper

228 100

226 26.8 21.9 32.9

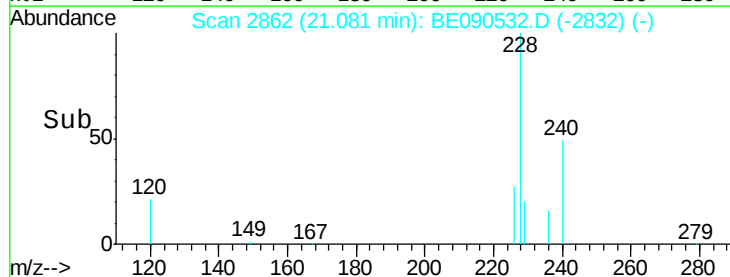
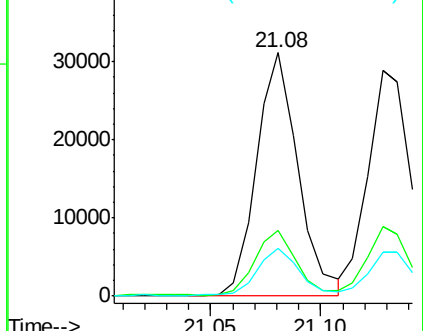
229 19.8 15.4 23.0

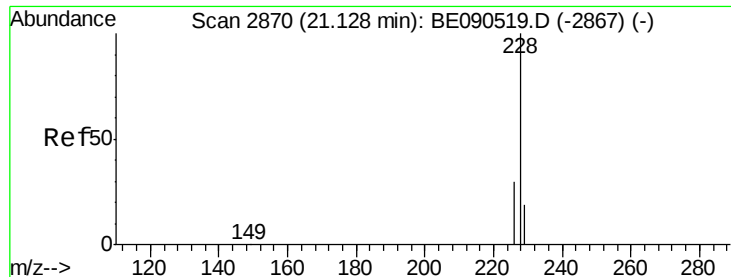


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 1.01 ng

RT: 21.13 min Scan# 2869

Delta R.T. 0.00 min

Lab File: BE090532.D

Acq: 17 Aug 2015 13:42

Instrument :

BNA_E

ClientSampled :

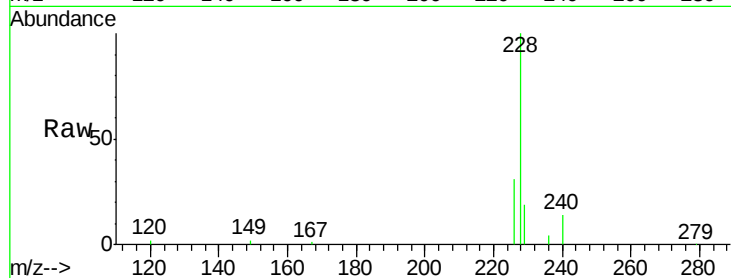
Tot Ion:228 Resp: 41625

Ion Ratio Lower Upper

228 100

226 30.7 23.1 34.7

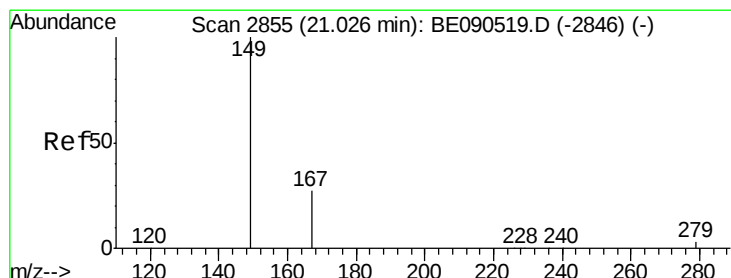
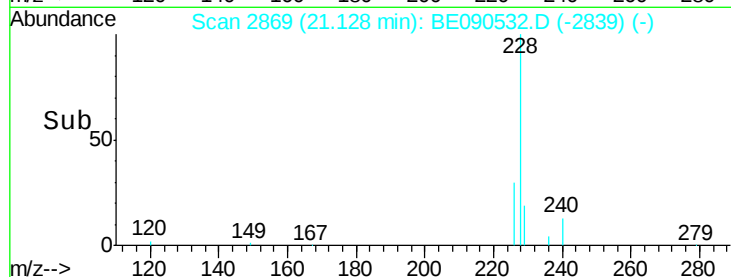
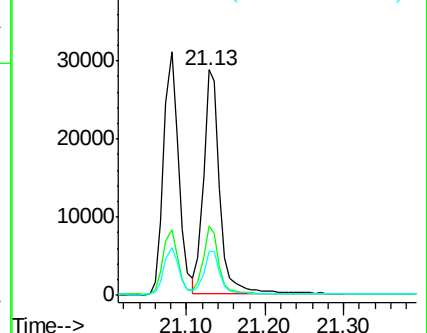
229 19.3 15.8 23.8



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: 1.33 ng

RT: 21.02 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BE090532.D

Acq: 17 Aug 2015 13:42

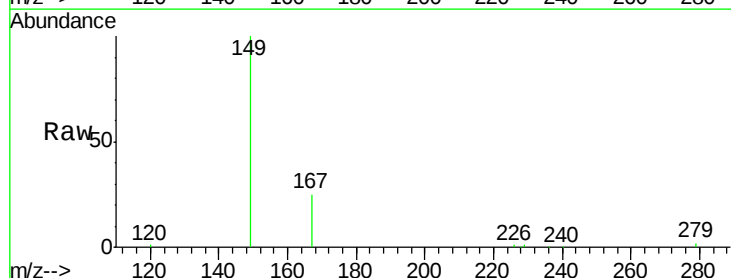
Tgt Ion:149 Resp: 29424

Ion Ratio Lower Upper

149 100

167 26.7 19.8 29.8

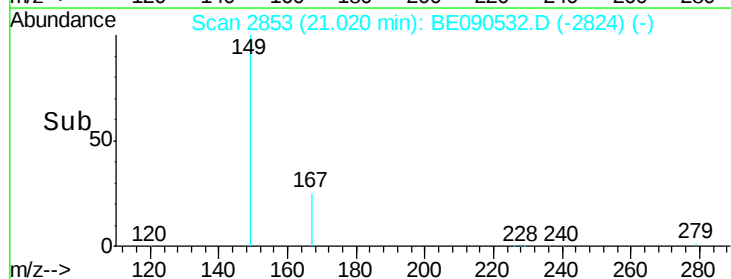
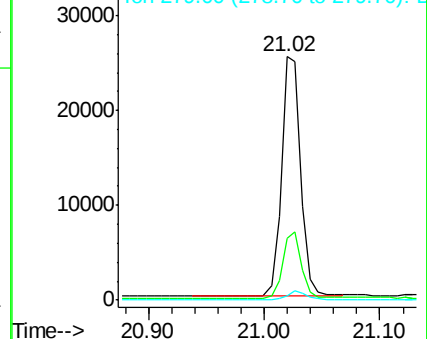
279 3.2 2.4 3.6

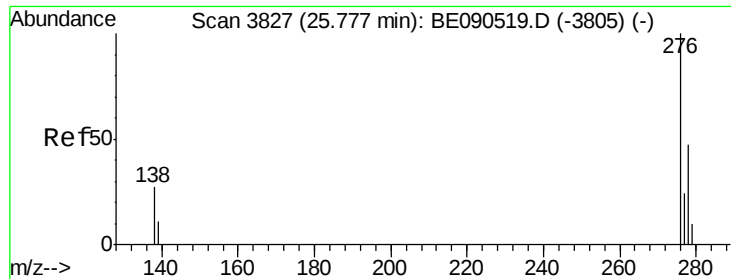


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

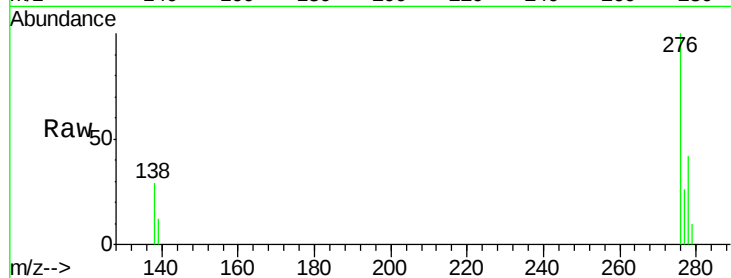




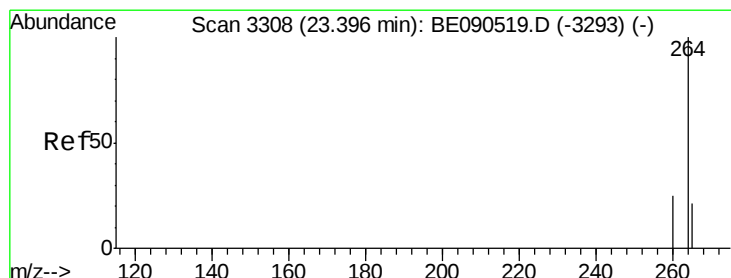
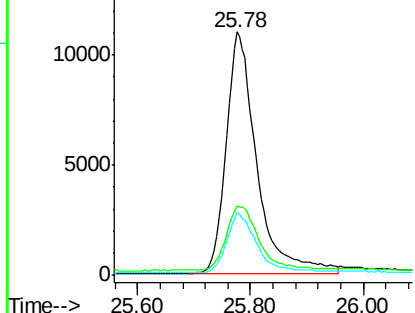
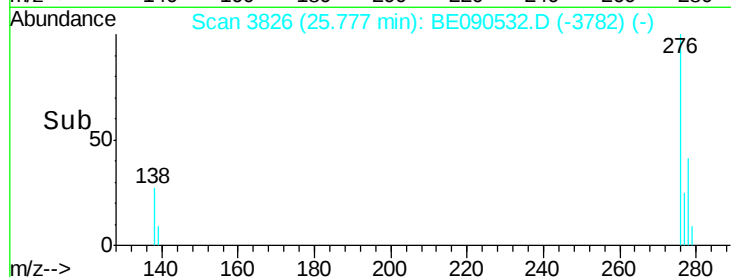
#31
Indeno(1,2,3-cd)pyrene
Concen: 1.05 ng
RT: 25.78 min Scan# 3826
Delta R.T. 0.00 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Instrument :
BNA_E
ClientSampled :

Tot Ion:276 Resp: 40449
Ion Ratio Lower Upper
276 100
138 28.1 18.8 28.2
277 24.9 18.2 27.4

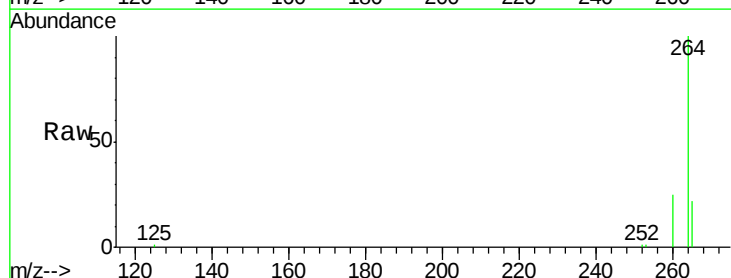


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

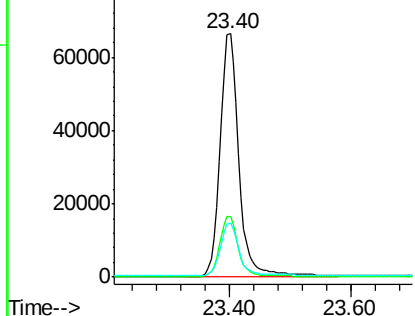
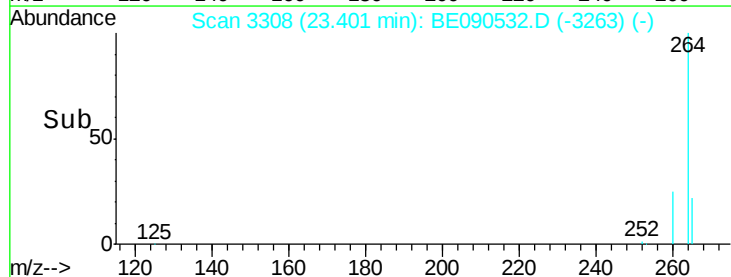


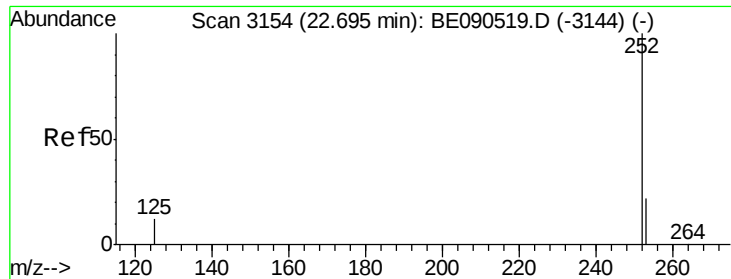
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.40 min Scan# 3308
Delta R.T. 0.01 min
Lab File: BE090532.D
Acq: 17 Aug 2015 13:42

Tgt Ion:264 Resp: 143391
Ion Ratio Lower Upper
264 100
260 24.7 20.1 30.1
265 22.4 17.2 25.8



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





#33

Benzo(b)fluoranthene

Concen: 1.03 ng

RT: 22.70 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BE090532.D

Acq: 17 Aug 2015 13:42

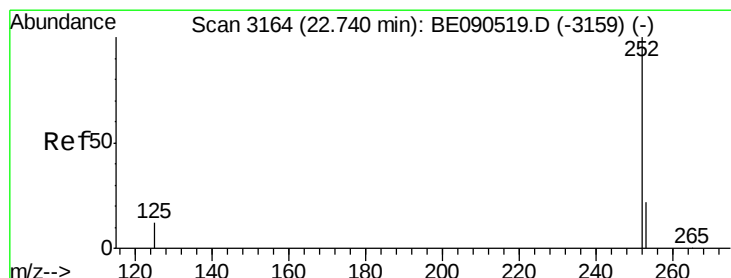
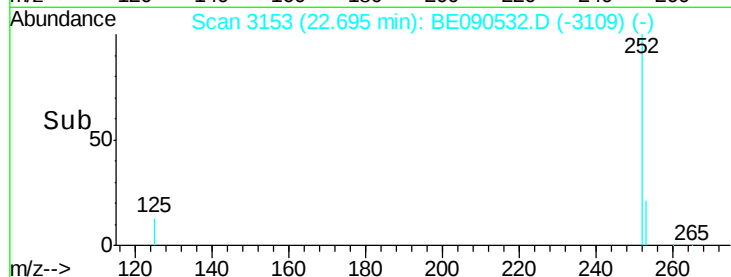
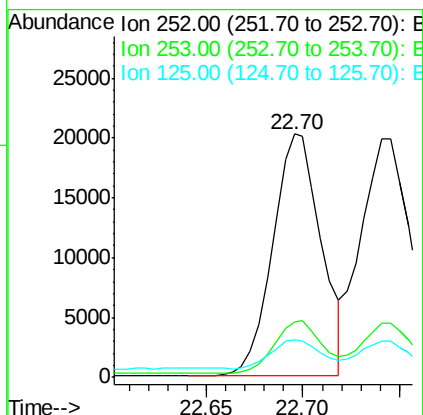
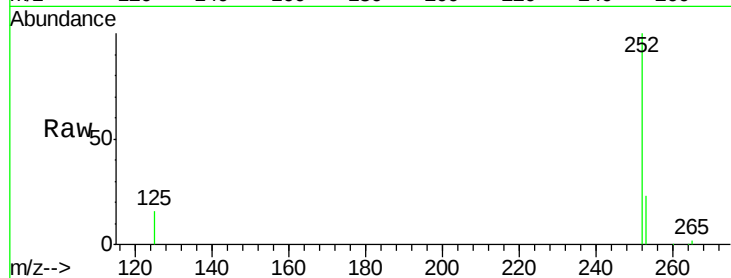
Instrument :

BNA_E

ClientSampleId :

Tot Ion:252 Resp: 35057

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	15.7	9.4	14.2#



#34

Benzo(k)fluoranthene

Concen: 1.05 ng

RT: 22.74 min Scan# 3163

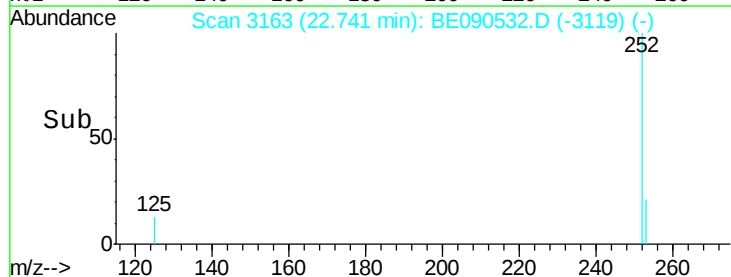
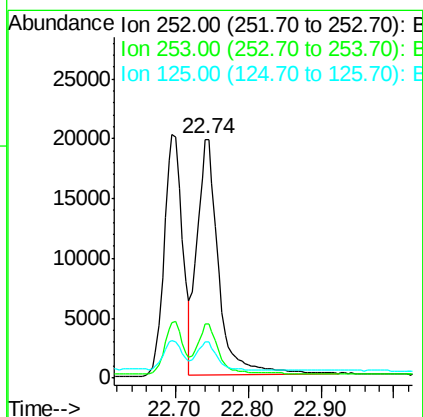
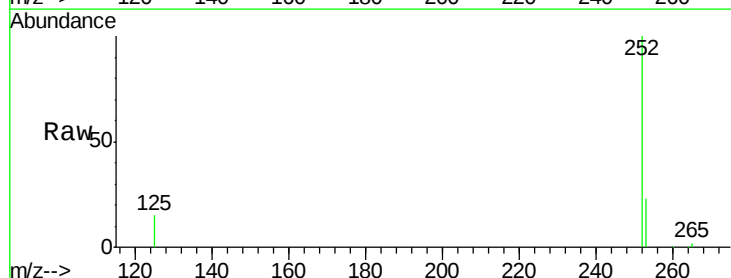
Delta R.T. 0.00 min

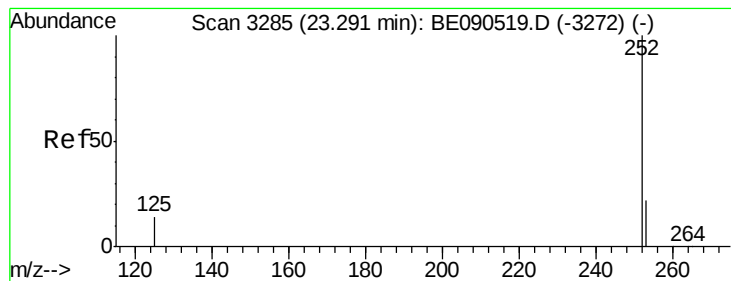
Lab File: BE090532.D

Acq: 17 Aug 2015 13:42

Tgt Ion:252 Resp: 40246

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	15.4	9.1	13.7#





#35

Benzo(a)pyrene

Concen: 1.06 ng

RT: 23.29 min Scan# 3284

Delta R.T. 0.00 min

Lab File: BE090532.D

Acq: 17 Aug 2015 13:42

Instrument :

BNA_E

ClientSampleId :

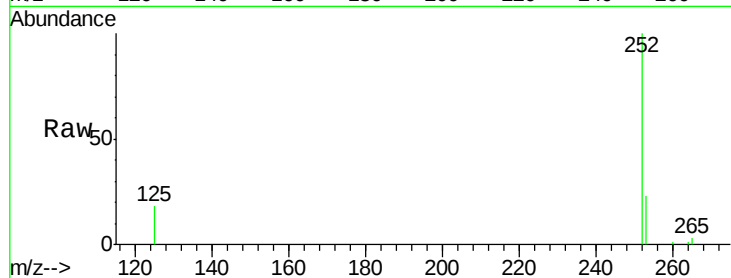
Tot Ion:252 Resp: 33692

Ion Ratio Lower Upper

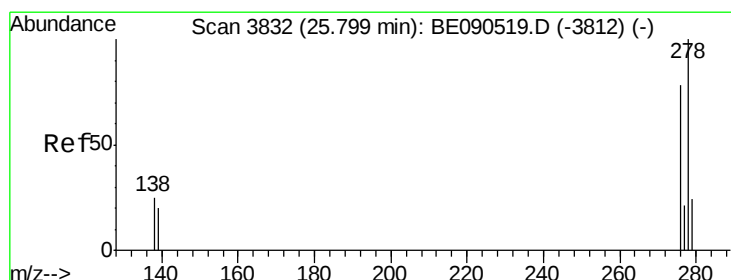
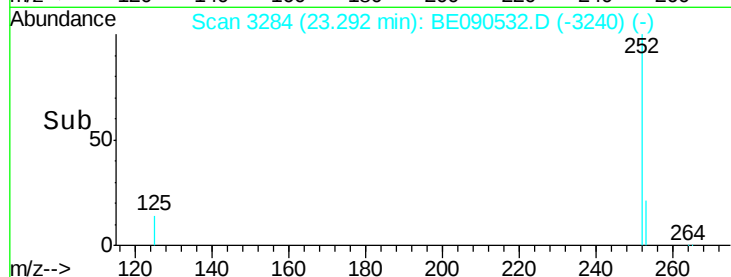
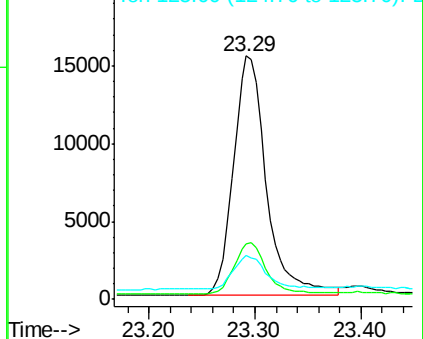
252 100

253 23.0 17.6 26.4

125 18.1 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: 1.05 ng

RT: 25.80 min Scan# 3831

Delta R.T. 0.00 min

Lab File: BE090532.D

Acq: 17 Aug 2015 13:42

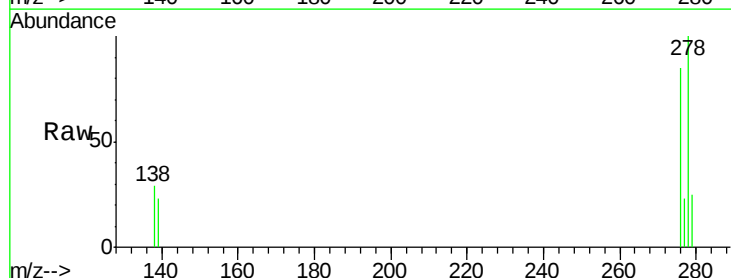
Tgt Ion:278 Resp: 32287

Ion Ratio Lower Upper

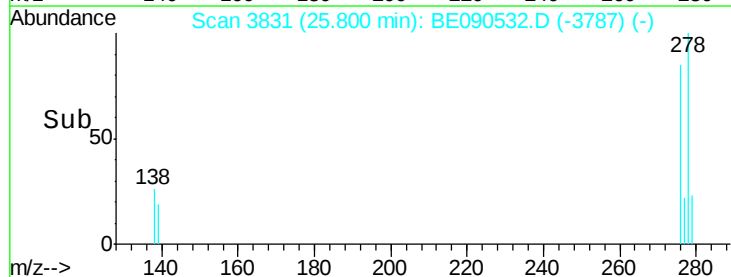
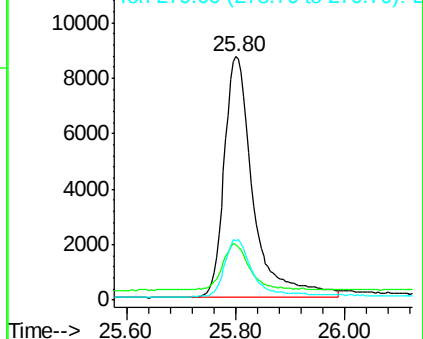
278 100

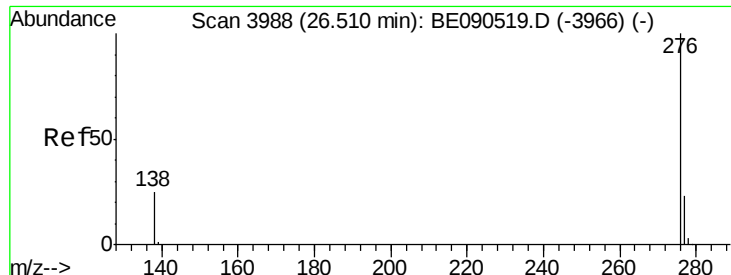
139 23.0 14.2 21.4#

279 24.6 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: 1.05 ng

RT: 26.51 min Scan# 3987

Delta R.T. 0.00 min

Lab File: BE090532.D

Acq: 17 Aug 2015 13:42

Instrument :

BNA_E

ClientSampleId :

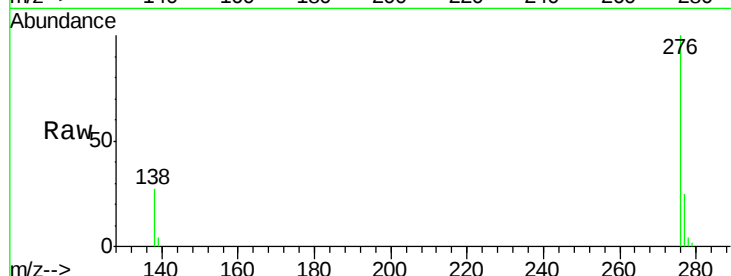
Tot Ion: 276 Resp: 35307

Ion Ratio Lower Upper

276 100

277 24.6 20.1 30.1

138 26.9 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

