

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081715\
 Data File : BE090535.D
 Acq On : 17 Aug 2015 16:23
 Operator : UM/IZ
 Sample : PB85049BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 18 04:34:59 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

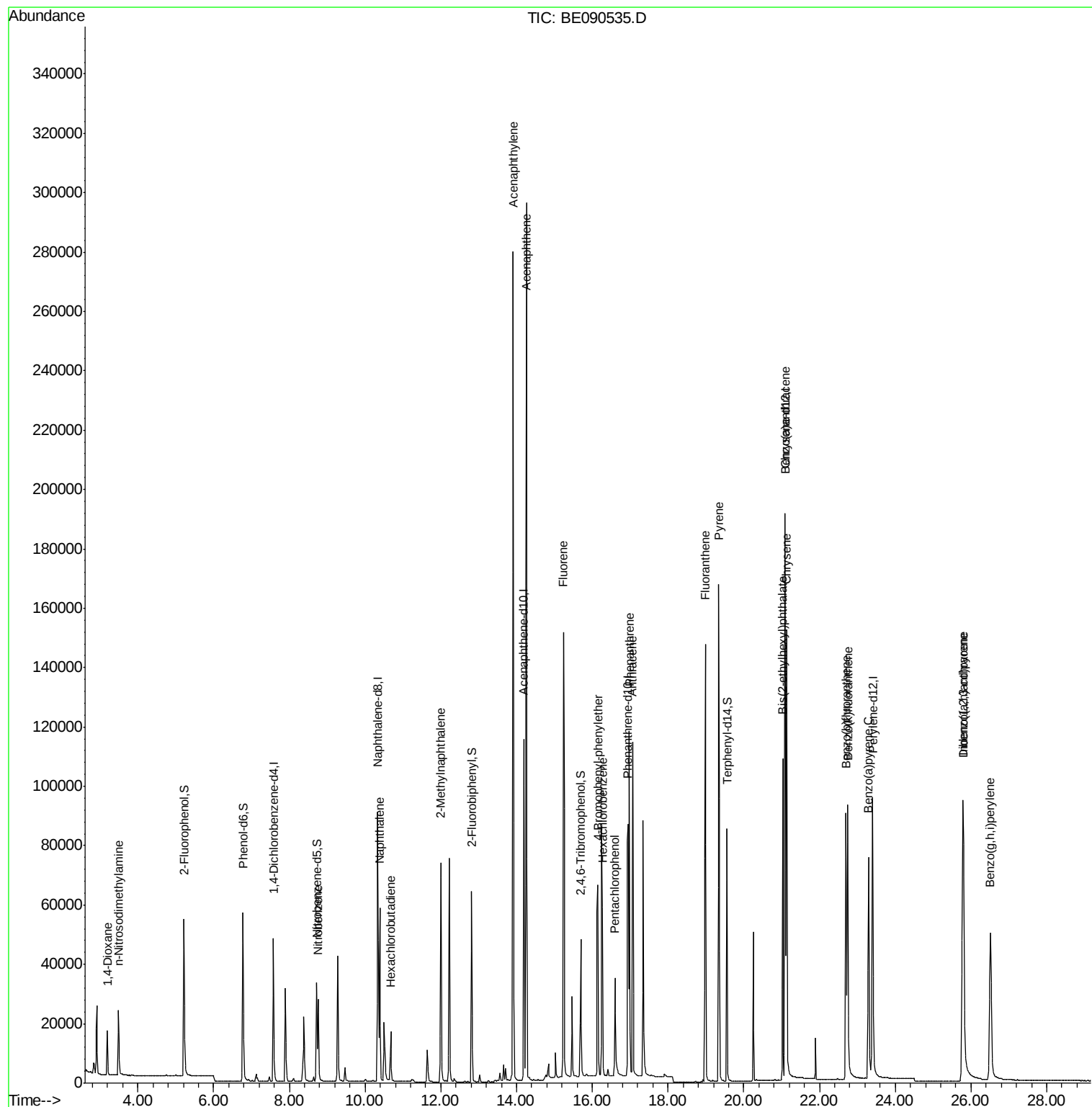
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	23521	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	118362	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	65043	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	141818	5.00	ng	0.00
25) Chrysene-d12	21.09	240	147610	5.00	ng	0.00
32) Perylene-d12	23.40	264	137793	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	43473	6.39	ng	0.00
5) Phenol-d6	6.78	99	67083	6.71	ng	0.00
7) Nitrobenzene-d5	8.72	82	31043	3.29	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	20549	8.21	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	60335	3.11	ng	0.00
27) Terphenyl-d14	19.55	244	86980	3.22	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	8927	3.33	ng	97
3) n-Nitrosodimethylamine	3.49	42	12396	3.05	ng	# 70
8) Nitrobenzene	8.76	77	32698	3.35	ng	94
9) Naphthalene	10.39	128	81120	3.02	ng	98
10) Hexachlorobutadiene	10.68	225	11830	3.00	ng	99
11) 2-Methylnaphthalene	12.00	142	56309	3.21	ng	97
15) Acenaphthylene	13.91	152	379406	3.19	ng	100
16) Acenaphthene	14.26	154	57197	3.20	ng	# 76
17) Fluorene	15.24	166	74079	3.38	ng	97
19) 4-Bromophenyl-phenylether	16.14	248	20291	3.50	ng	81
20) Hexachlorobenzene	16.27	284	87454	3.40	ng	97
21) Pentachlorophenol	16.60	266	19566	6.28	ng	# 89
22) Phenanthrene	16.98	178	121077	3.25	ng	100
23) Anthracene	17.07	178	121226	3.54	ng	100
24) Fluoranthene	18.98	202	138233	3.49	ng	99
26) Pyrene	19.34	202	145642	3.45	ng	99
28) Benzo(a)anthracene	21.08	228	131264	3.38	ng	100
29) Chrysene	21.13	228	133040	3.35	ng	97
30) Bis(2-ethylhexyl)phthalate	21.03	149	92477	4.02	ng	98
31) Indeno(1,2,3-cd)pyrene	25.78	276	135087	3.61	ng	# 92
33) Benzo(b)fluoranthene	22.70	252	116754	3.58	ng	99
34) Benzo(k)fluoranthene	22.74	252	132379	3.58	ng	98
35) Benzo(a)pyrene	23.29	252	119839	3.93	ng	98
36) Dibenzo(a,h)anthracene	25.80	278	108838	3.70	ng	97
37) Benzo(g,h,i)perylene	26.51	276	118483	3.68	ng	95

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

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Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 845

Delta R.T. 0.00 min

Lab File: BE090535.D

Acq: 17 Aug 2015 16:23

Instrument :

BNA_E

ClientSampleId :

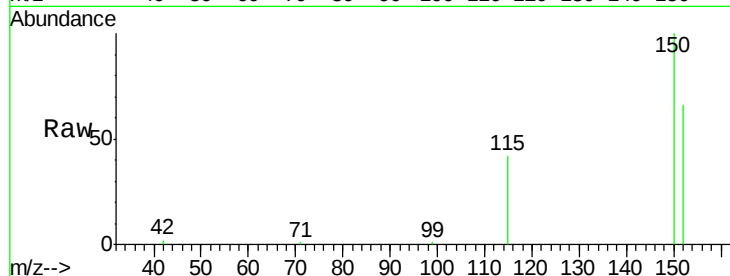
Tot Ion:152 Resp: 23521

Ion Ratio Lower Upper

152 100

150 151.3 123.0 184.4

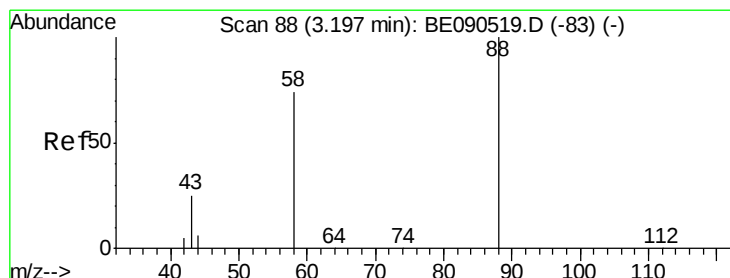
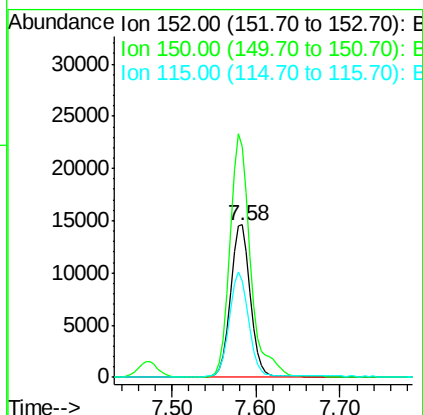
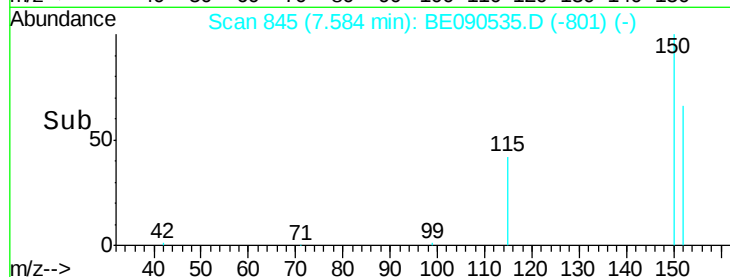
115 63.6 48.9 73.3



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: 3.33 ng

RT: 3.20 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE090535.D

Acq: 17 Aug 2015 16:23

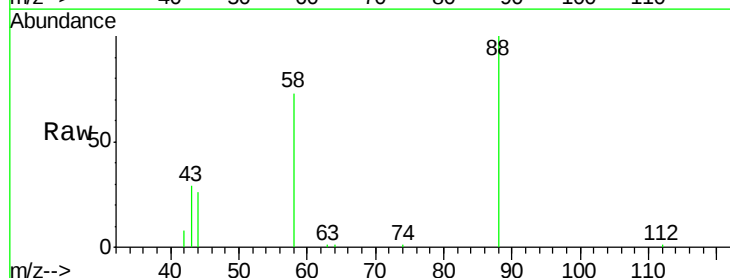
Tgt Ion: 88 Resp: 8927

Ion Ratio Lower Upper

88 100

58 85.9 70.0 105.0

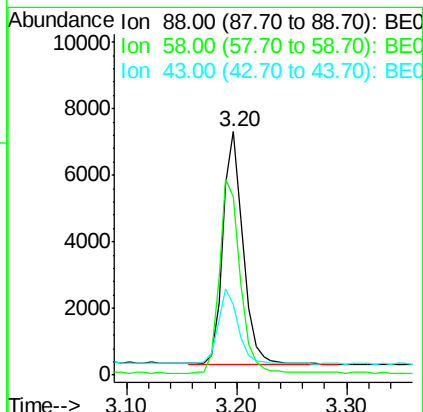
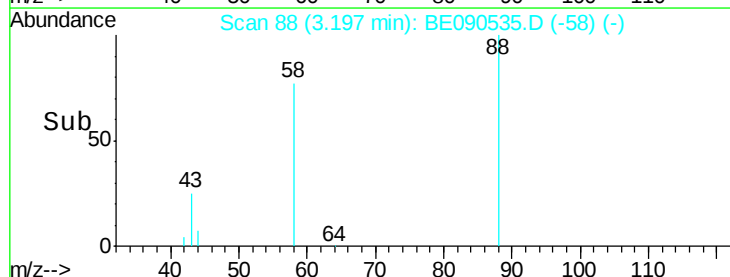
43 31.6 28.4 42.6

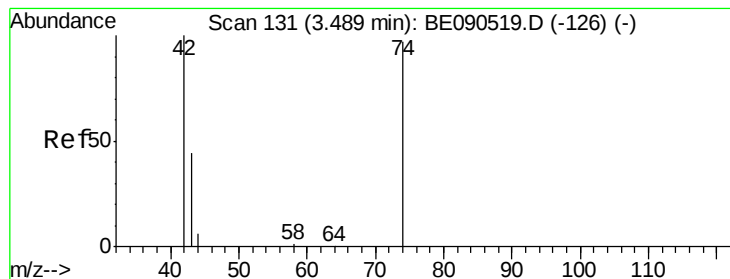


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



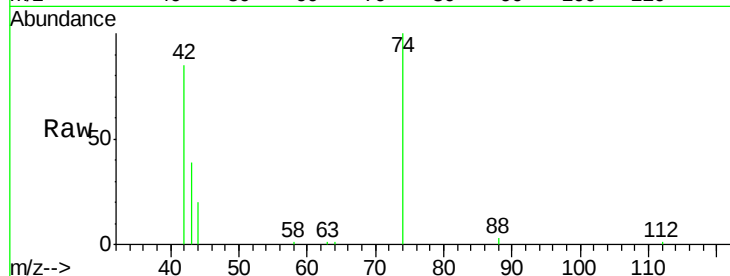


#3

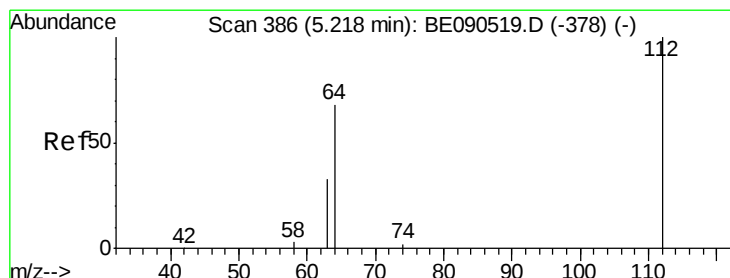
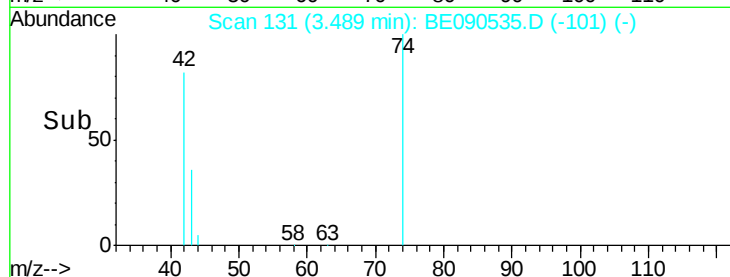
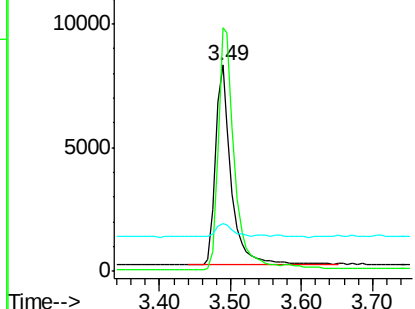
n-Nitrosodimethylamine
 Concen: 3.05 ng
 RT: 3.49 min Scan# 131
 Delta R.T. 0.00 min
 Lab File: BE090535.D
 Acq: 17 Aug 2015 16:23

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	124.8	75.2	112.8#
44	7.5	8.7	13.1#



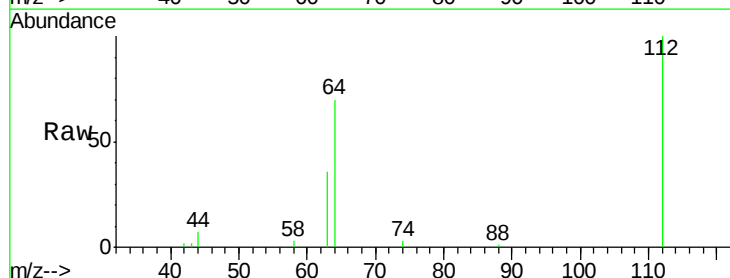
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



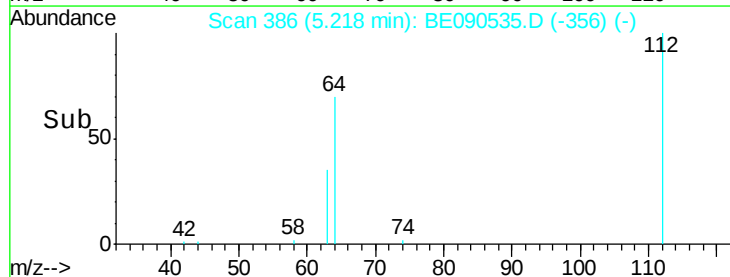
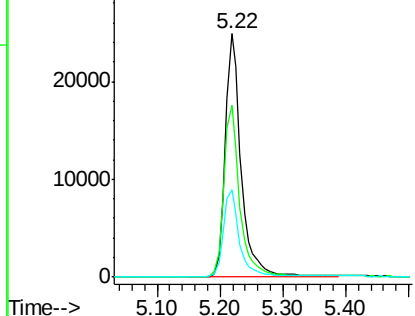
#4

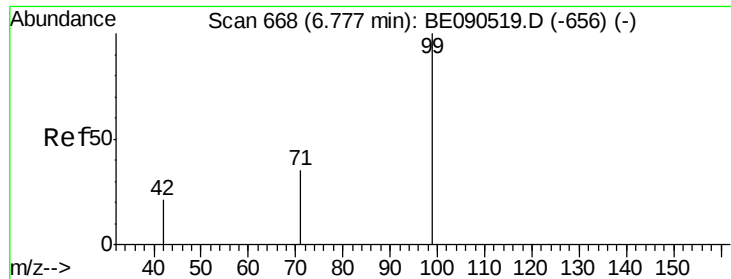
2-Fluorophenol
 Concen: 6.39 ng
 RT: 5.22 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: BE090535.D
 Acq: 17 Aug 2015 16:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	37.1	55.7#
63	35.7	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: 6.71 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090535.D

Acq: 17 Aug 2015 16:23

Instrument :

BNA_E

ClientSampleId :

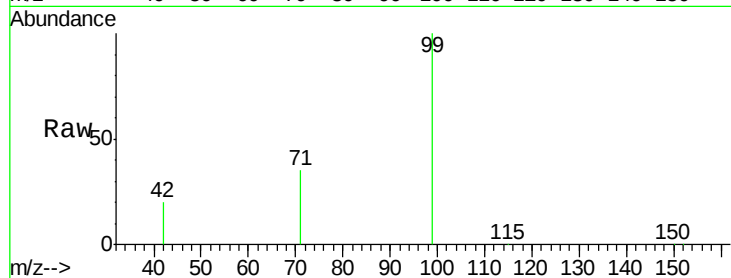
Tot Ion: 99 Resp: 67083

Ion Ratio Lower Upper

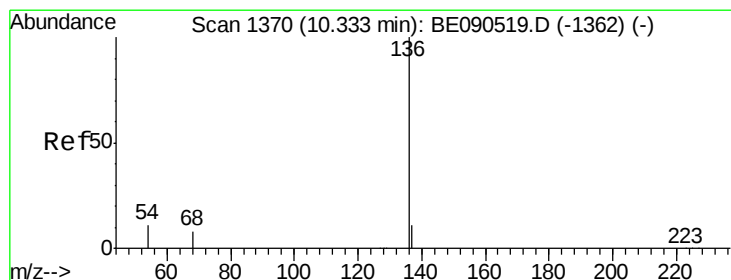
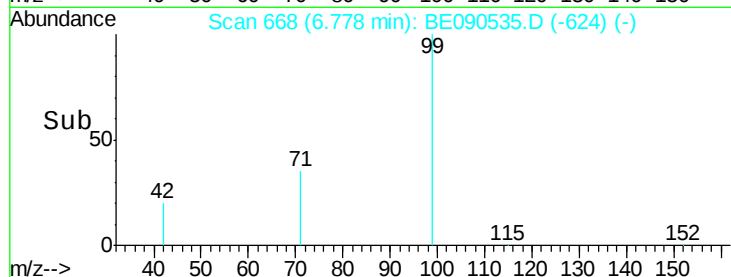
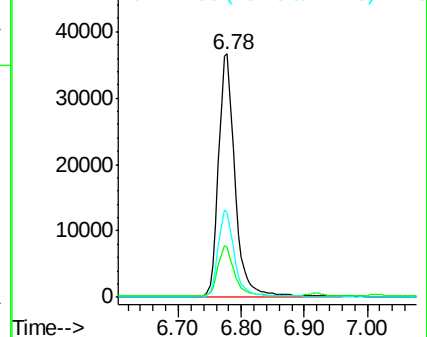
99 100

42 20.9 18.2 27.4

71 35.6 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. 0.00 min

Lab File: BE090535.D

Acq: 17 Aug 2015 16:23

Tgt Ion: 136 Resp: 118362

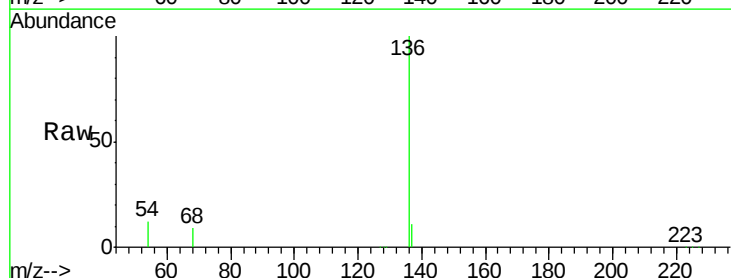
Ion Ratio Lower Upper

136 100

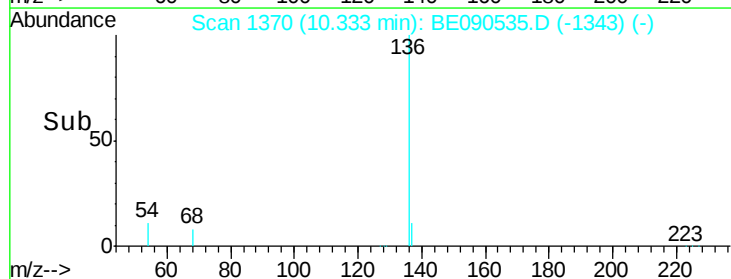
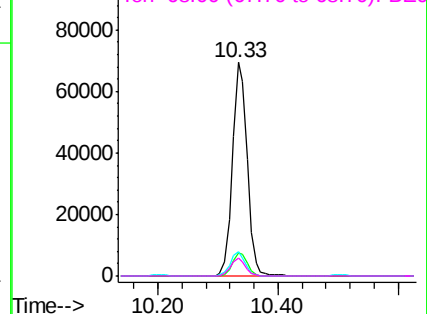
137 11.0 8.7 13.1

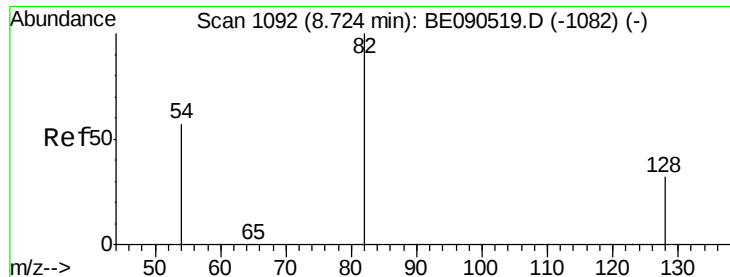
54 11.5 9.4 14.0

68 8.6 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: 3.29 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BE090535.D

Acq: 17 Aug 2015 16:23

Instrument :

BNA_E

ClientSampled :

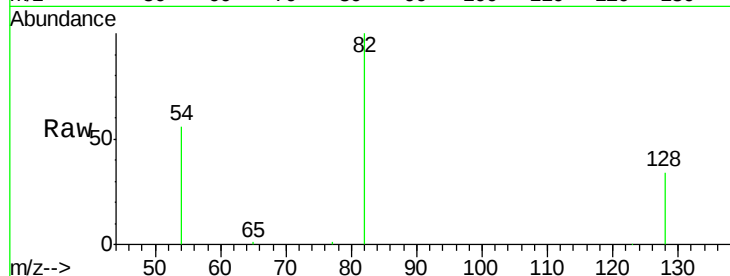
Tot Ion: 82 Resp: 31043

Ion Ratio Lower Upper

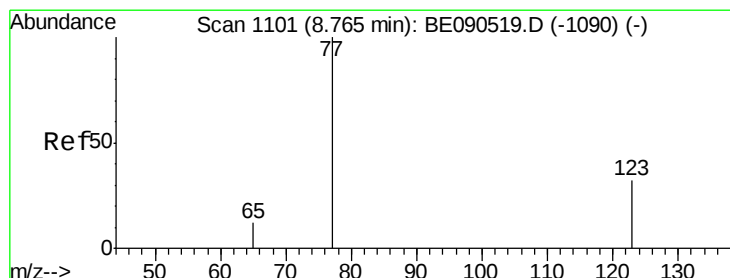
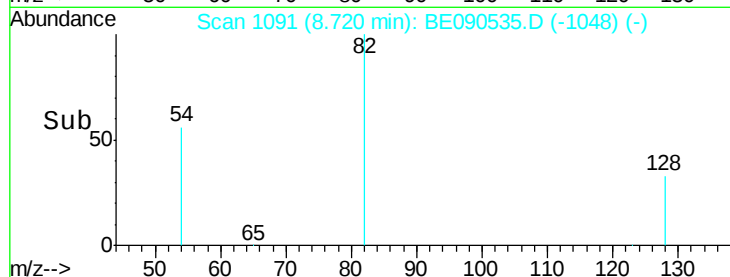
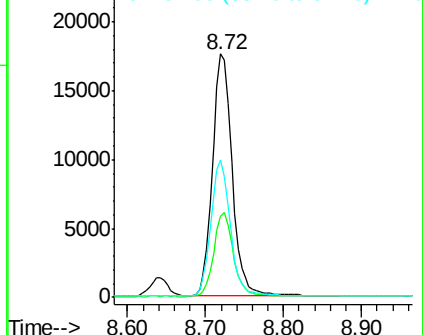
82 100

128 33.5 25.0 37.6

54 56.2 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: 3.35 ng

RT: 8.76 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BE090535.D

Acq: 17 Aug 2015 16:23

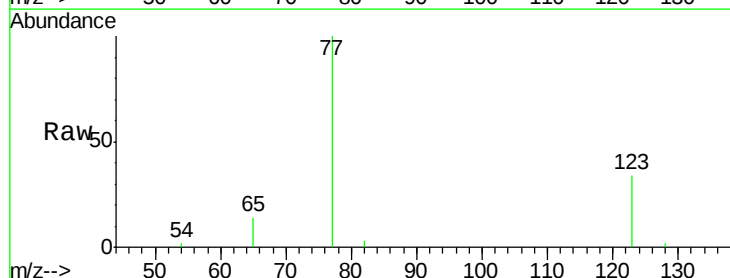
Tgt Ion: 77 Resp: 32698

Ion Ratio Lower Upper

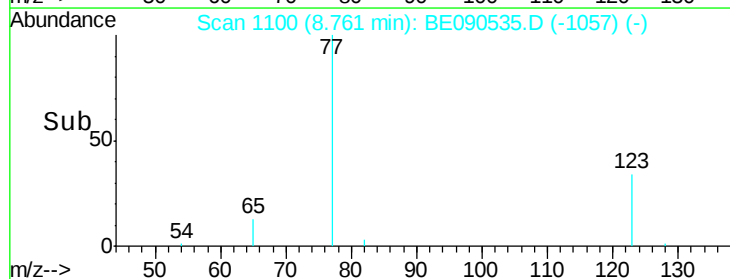
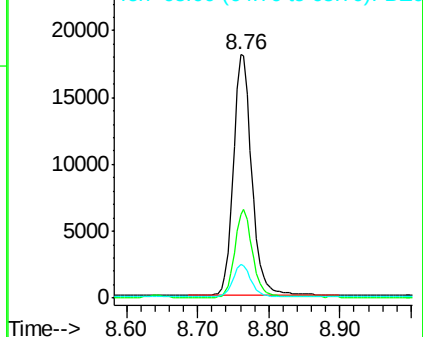
77 100

123 35.3 25.1 37.7

65 13.2 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: 3.02 ng

RT: 10.39 min Scan# 1377

Delta R.T. 0.00 min

Lab File: BE090535.D

Acq: 17 Aug 2015 16:23

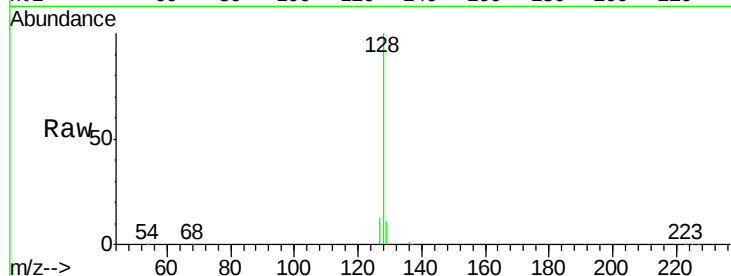
Instrument :

BNA_E

ClientSampleId :

Tot Ion:128 Resp: 81120

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.8	14.6
127	12.7	10.6	16.0

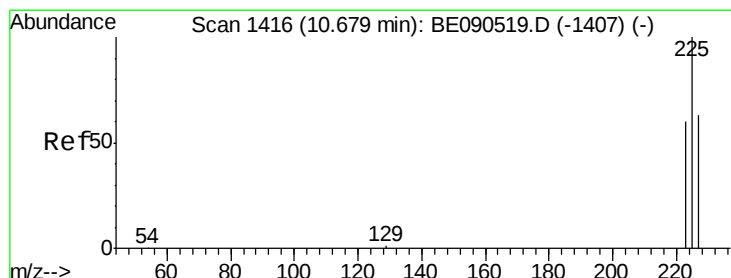
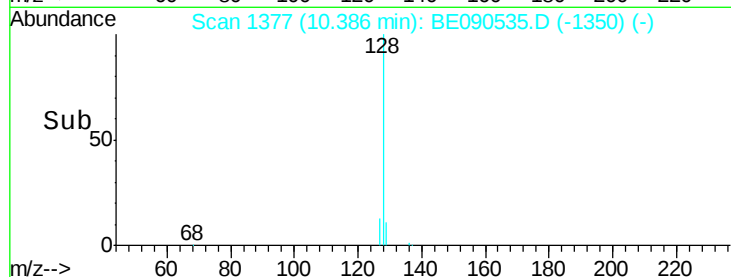
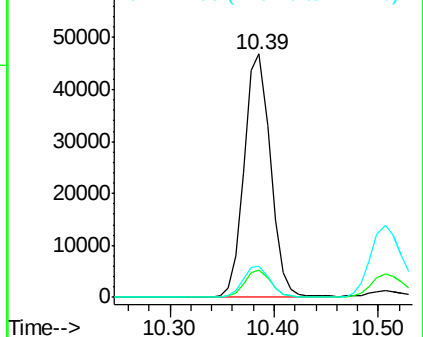


Abundance

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: 3.00 ng

RT: 10.68 min Scan# 1416

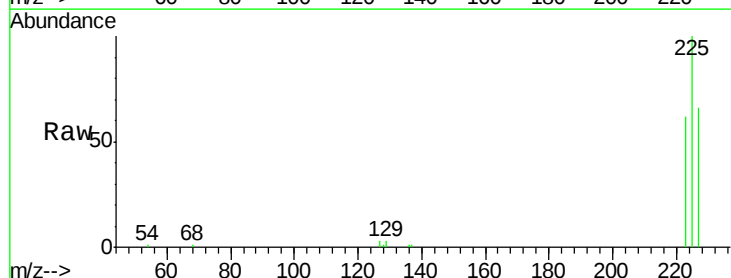
Delta R.T. 0.00 min

Lab File: BE090535.D

Acq: 17 Aug 2015 16:23

Tgt Ion:225 Resp: 11830

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	75.8
227	64.1	50.7	76.1

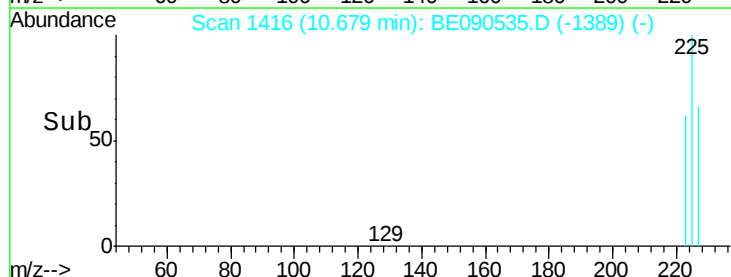
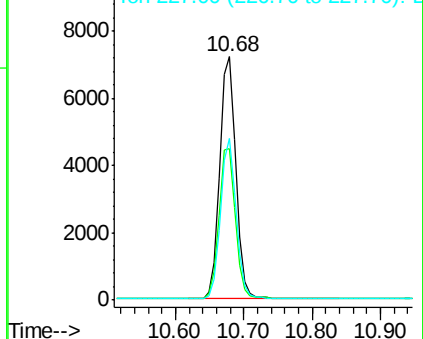


Abundance

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

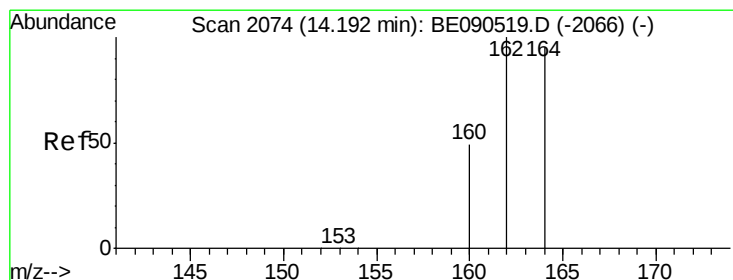
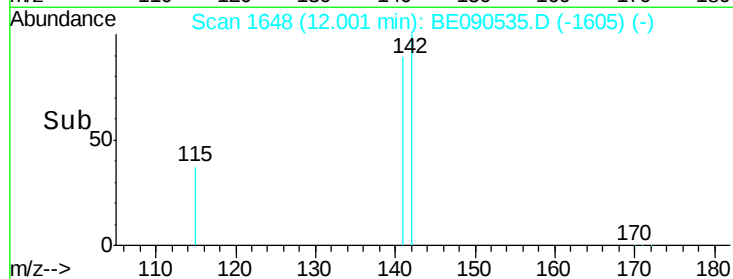
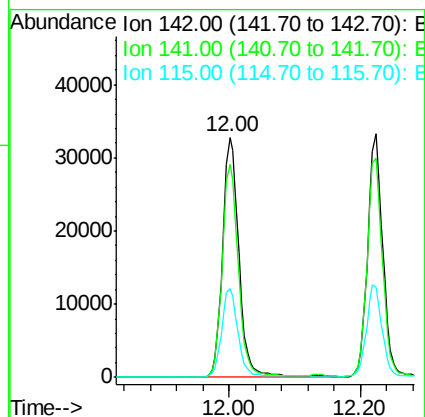
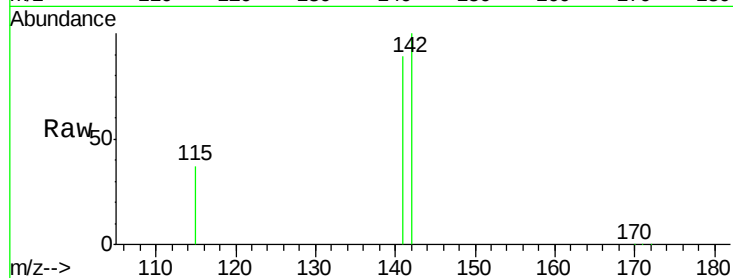




#11
2-Methylnaphthalene
Concen: 3.21 ng
RT: 12.00 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BE090535.D
Acq: 17 Aug 2015 16:23

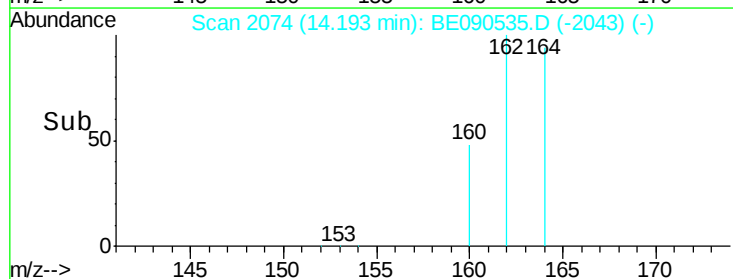
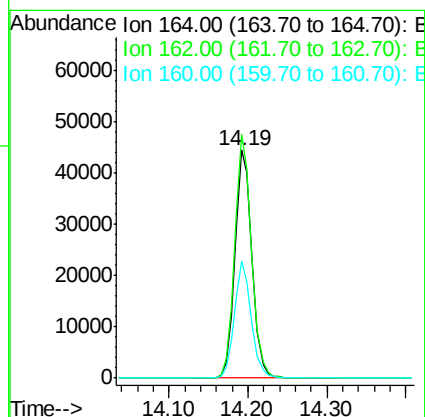
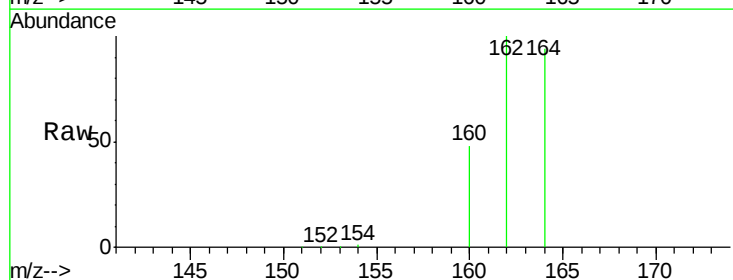
Instrument :
BNA_E
ClientSampleId :

Tot Ion:142 Resp: 56309
Ion Ratio Lower Upper
142 100
141 88.7 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: BE090535.D
Acq: 17 Aug 2015 16:23

Tgt Ion:164 Resp: 65043
Ion Ratio Lower Upper
164 100
162 106.8 81.8 122.8
160 51.5 44.2 66.4

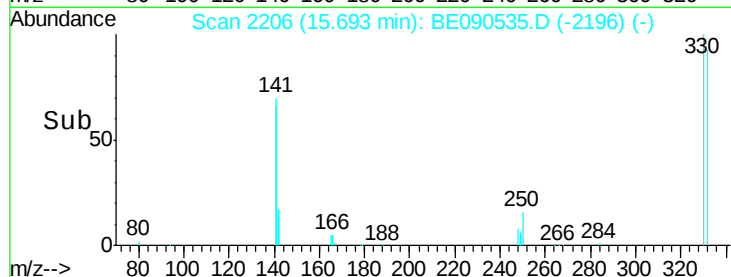
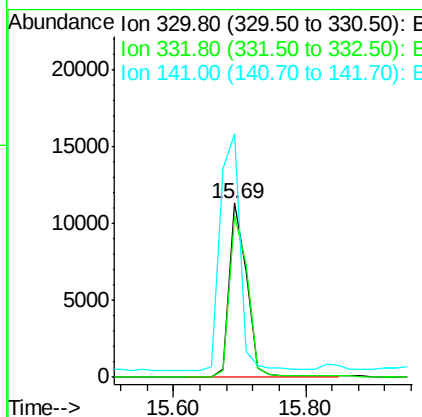
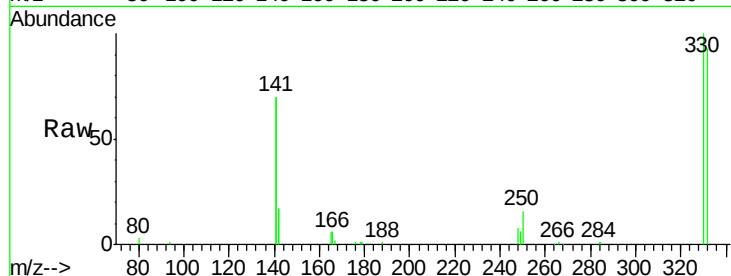




#13
 2,4,6-Tribromophenol
 Concen: 8.21 ng
 RT: 15.69 min Scan# 2206
 Delta R.T. -0.02 min
 Lab File: BE090535.D
 Acq: 17 Aug 2015 16:23

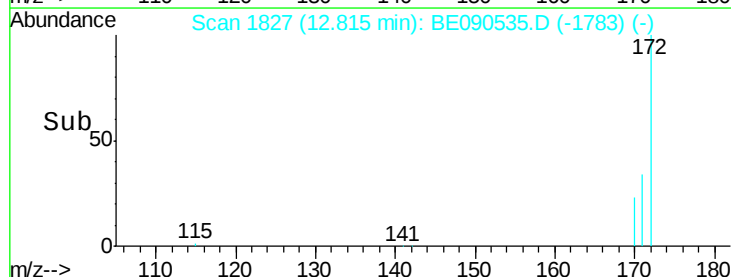
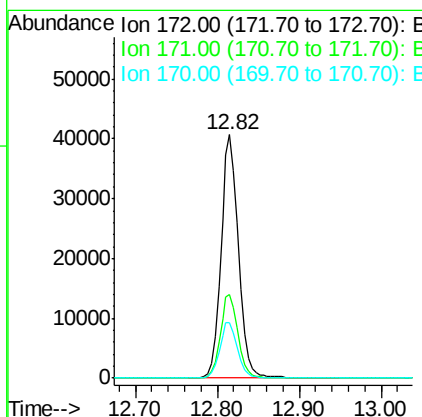
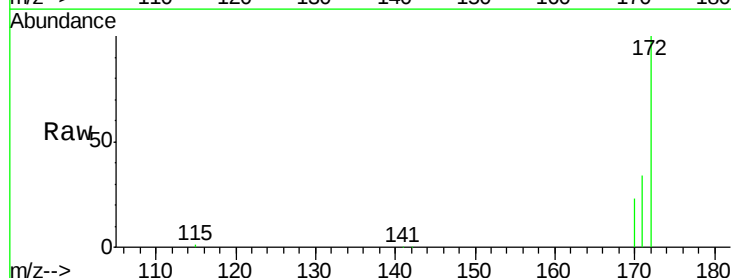
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 20549
 Ion Ratio Lower Upper
 330 100
 332 97.4 75.8 113.6
 141 157.5 114.4 171.6



#14
 2-Fluorobiphenyl
 Concen: 3.11 ng
 RT: 12.82 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BE090535.D
 Acq: 17 Aug 2015 16:23

Tgt Ion:172 Resp: 60335
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.5 42.7
 170 23.0 19.8 29.8





#15

Acenaphthylene

Concen: 3.19 ng

RT: 13.91 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BE090535.D

Acq: 17 Aug 2015 16:23

Instrument :

BNA_E

ClientSampleId :

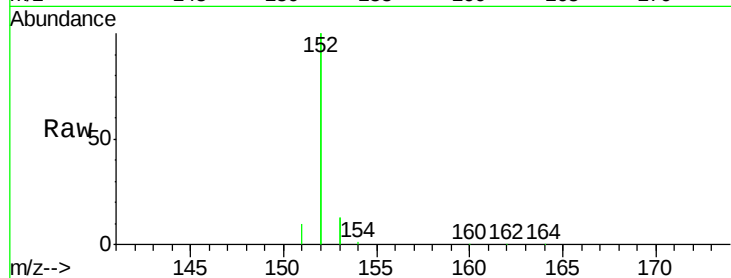
Tot Ion:152 Resp: 379406

Ion Ratio Lower Upper

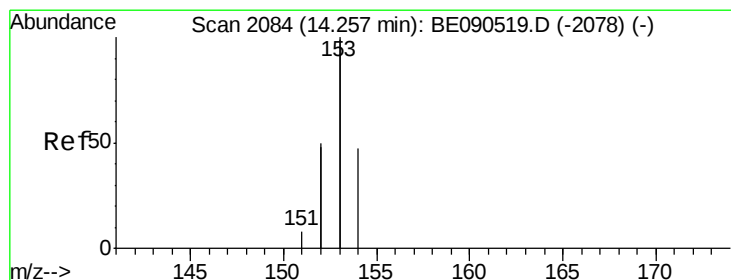
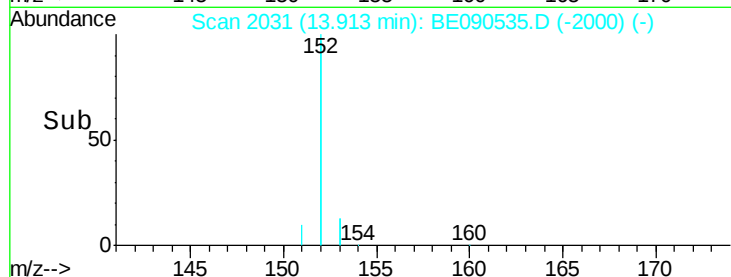
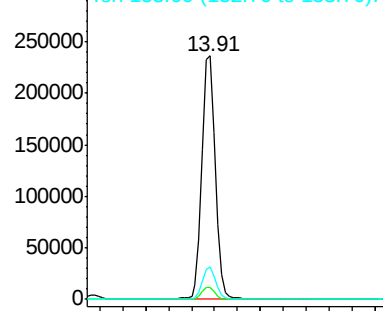
152 100

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: 3.20 ng

RT: 14.26 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BE090535.D

Acq: 17 Aug 2015 16:23

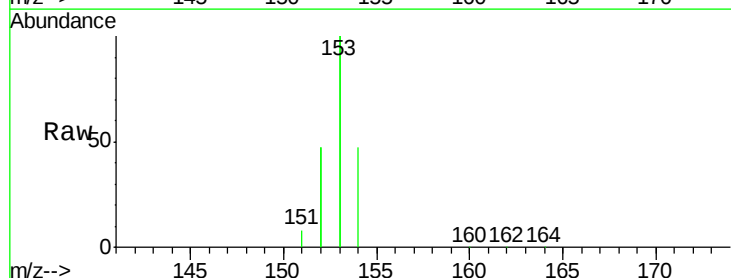
Tgt Ion:154 Resp: 57197

Ion Ratio Lower Upper

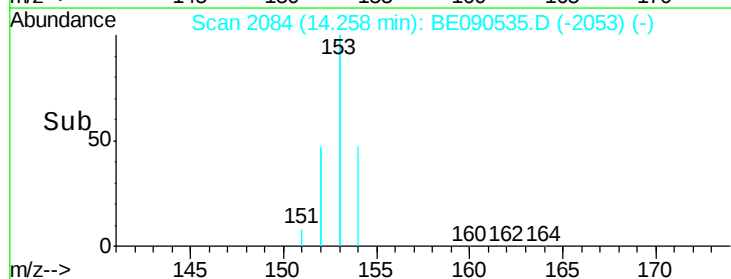
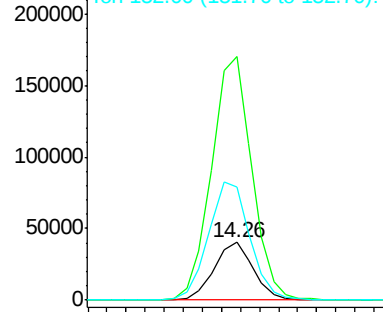
154 100

153 434.6 376.2 564.2

152 215.1 235.0 352.4#



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: 3.38 ng

RT: 15.24 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BE090535.D

Acq: 17 Aug 2015 16:23

Instrument :

BNA_E

ClientSampleId :

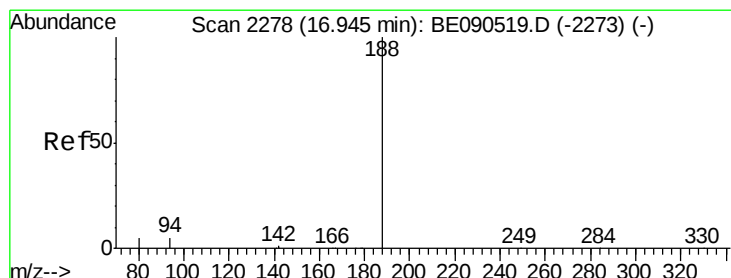
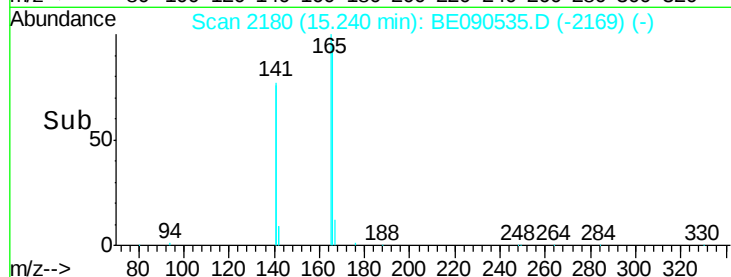
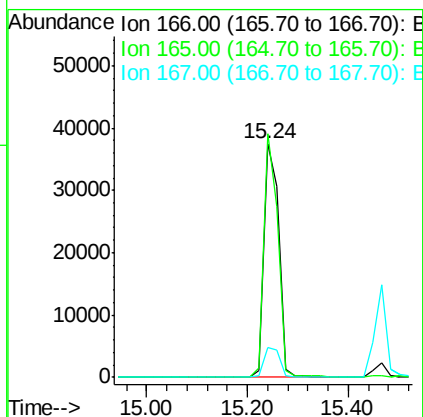
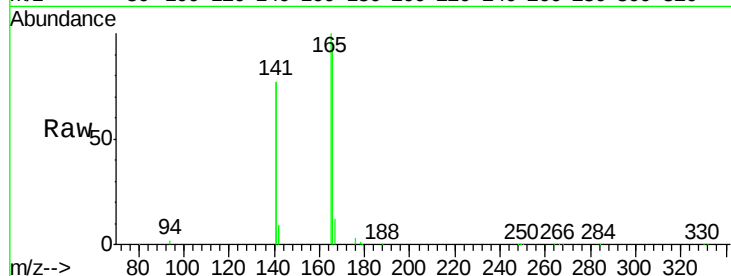
Tot Ion:166 Resp: 74079

Ion Ratio Lower Upper

166 100

165 98.2 81.5 122.3

167 13.6 11.4 17.0



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.95 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BE090535.D

Acq: 17 Aug 2015 16:23

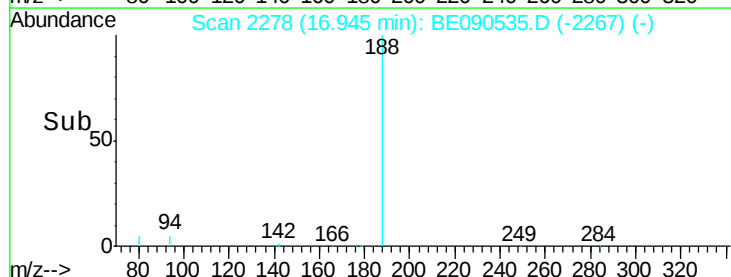
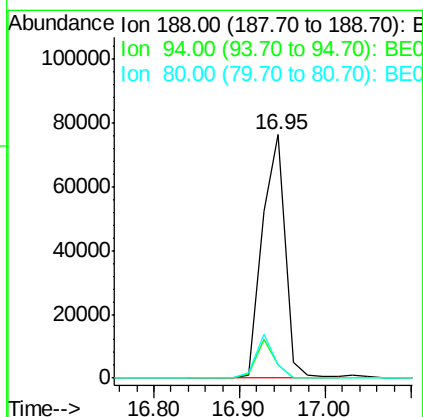
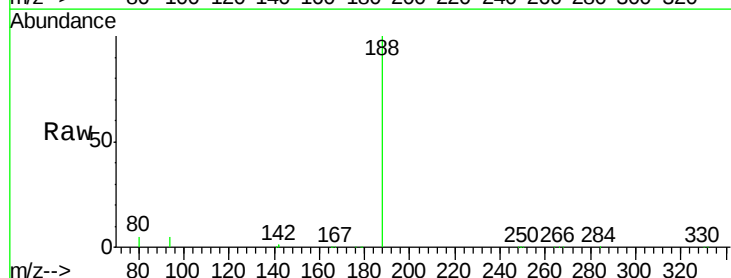
Tgt Ion:188 Resp: 141818

Ion Ratio Lower Upper

188 100

94 5.2 5.7 8.5#

80 5.3 5.8 8.8#

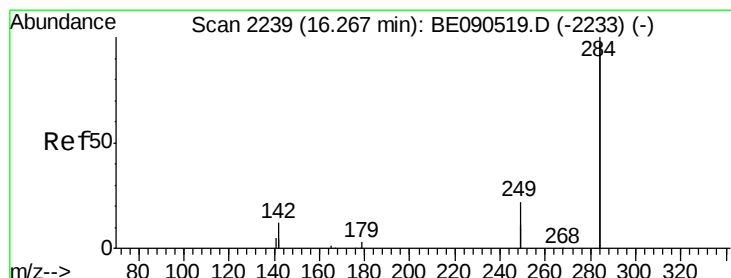
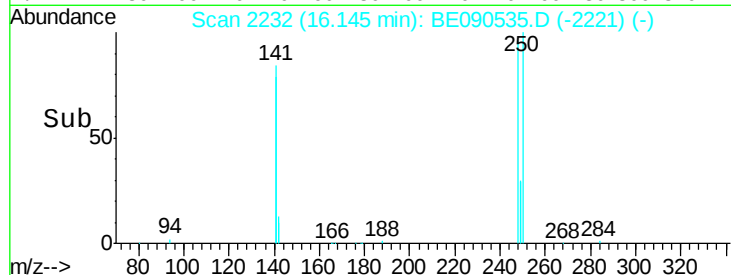
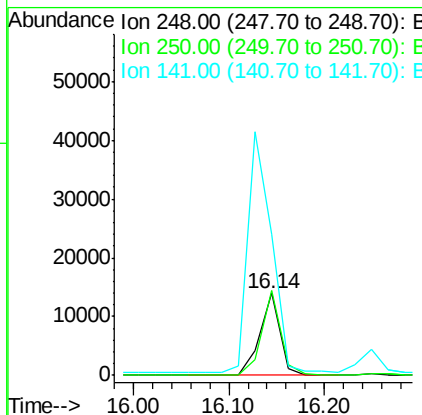
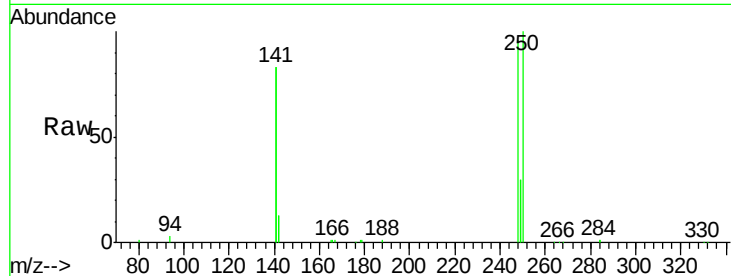




#19
4-Bromophenyl-phenylether
Concen: 3.50 ng
RT: 16.14 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BE090535.D
Acq: 17 Aug 2015 16:23

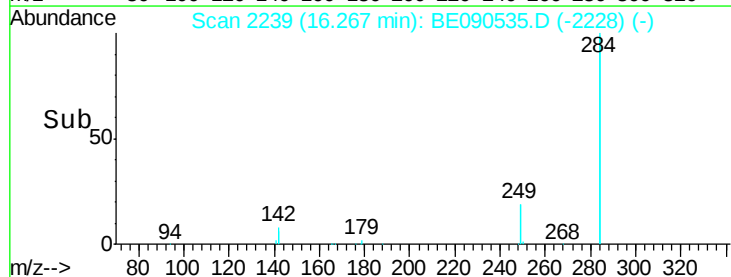
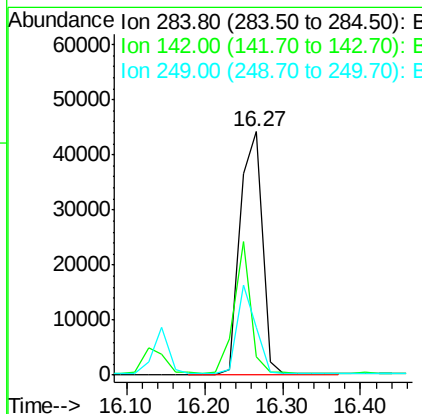
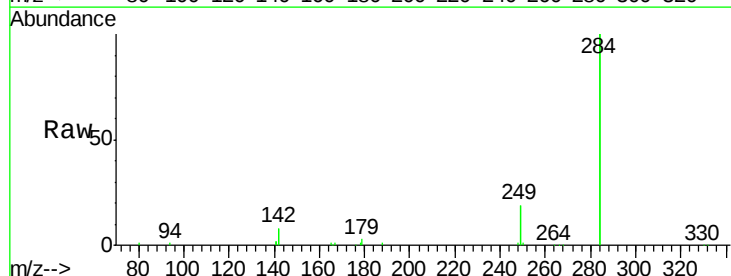
Instrument :
BNA_E
ClientSampleId :

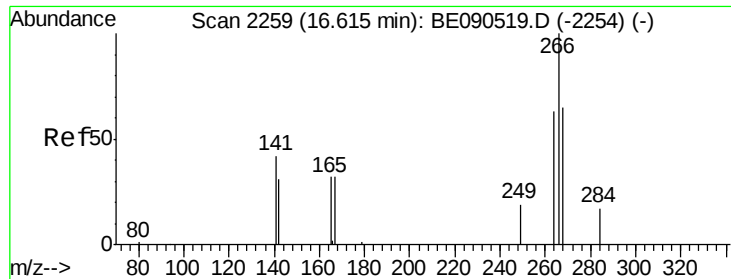
Tot Ion:248 Resp: 20291
Ion Ratio Lower Upper
248 100
250 98.0 79.0 118.6
141 347.4 239.5 359.3



#20
Hexachlorobenzene
Concen: 3.40 ng
RT: 16.27 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BE090535.D
Acq: 17 Aug 2015 16:23

Tgt Ion:284 Resp: 87454
Ion Ratio Lower Upper
284 100
142 39.8 30.1 45.1
249 30.8 25.7 38.5

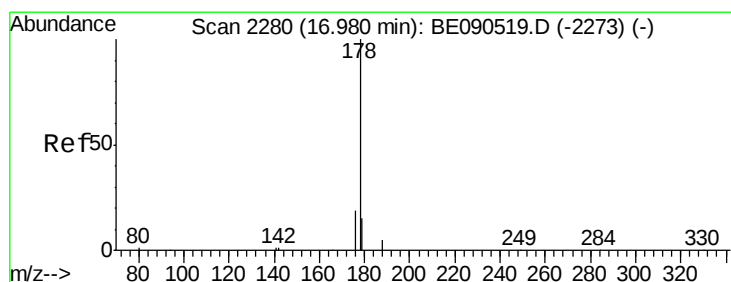
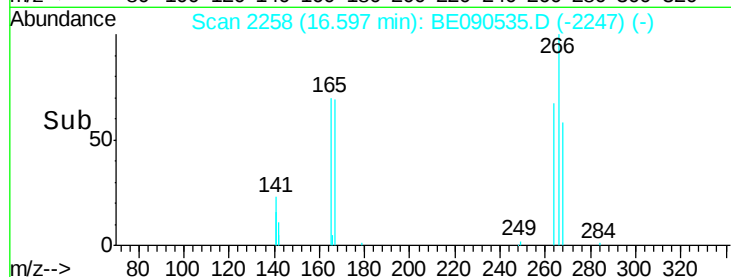
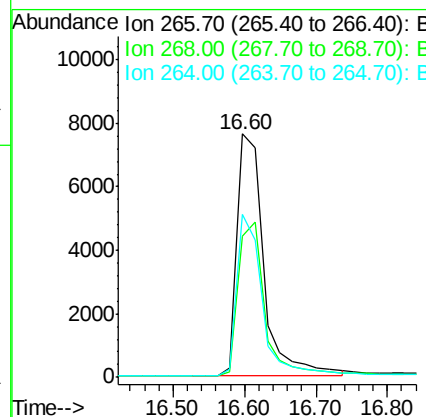
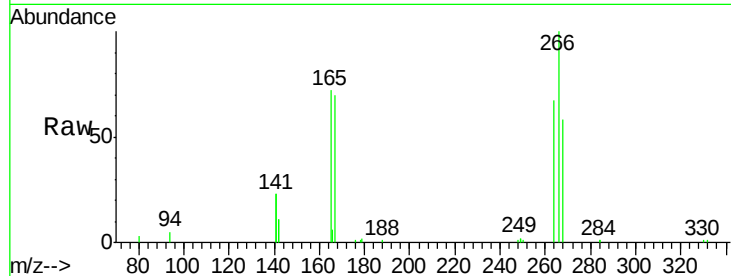




#21
 Pentachlorophenol
 Concen: 6.28 ng
 RT: 16.60 min Scan# 2258
 Delta R.T. -0.02 min
 Lab File: BE090535.D
 Acq: 17 Aug 2015 16:23

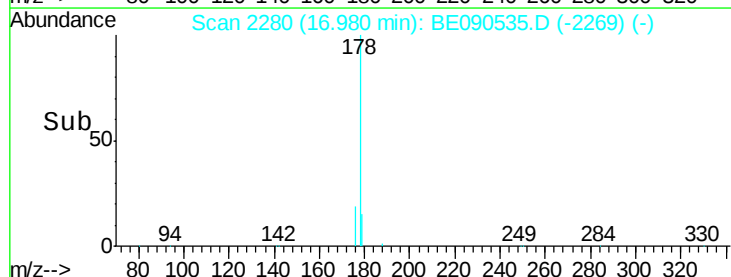
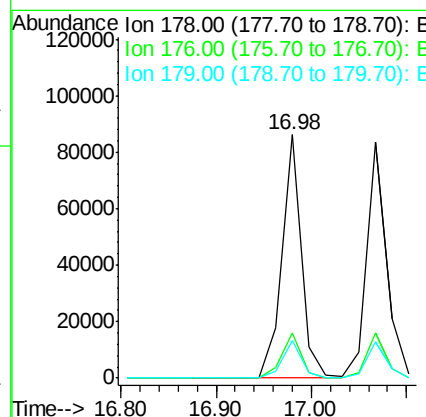
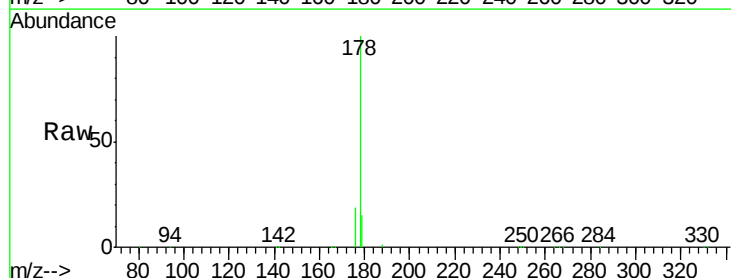
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	58.0	58.5	87.7#
264	66.9	56.0	84.0



#22
 Phenanthrene
 Concen: 3.25 ng
 RT: 16.98 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BE090535.D
 Acq: 17 Aug 2015 16:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.4	12.5	18.7





#23

Anthracene

Concen: 3.54 ng

RT: 17.07 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BE090535.D

Acq: 17 Aug 2015 16:23

Instrument :

BNA_E

ClientSampleId :

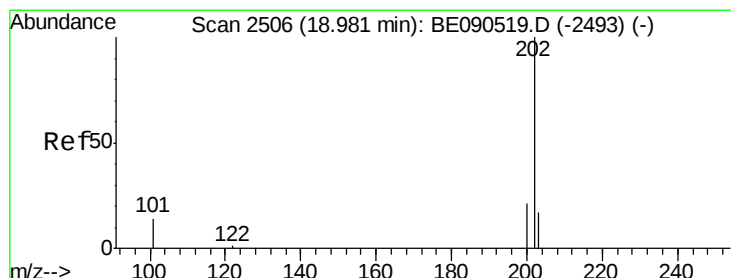
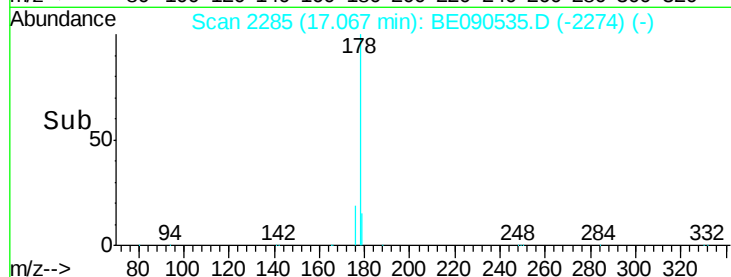
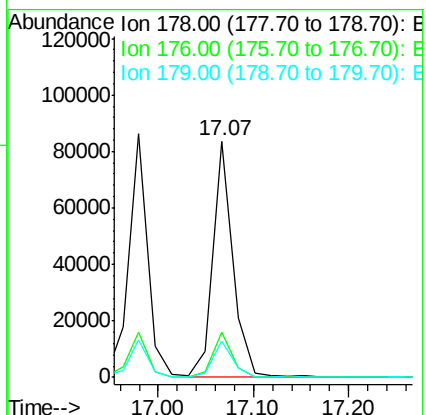
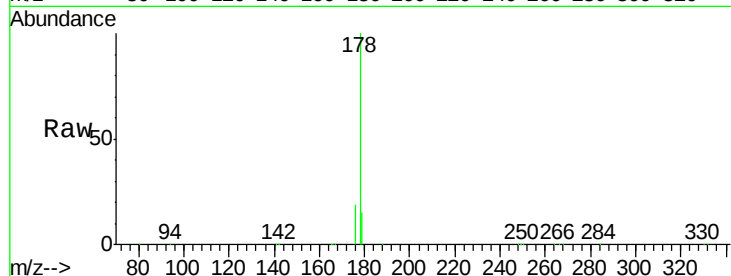
Tot Ion:178 Resp: 121226

Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.6 12.2 18.4



#24

Fluoranthene

Concen: 3.49 ng

RT: 18.98 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BE090535.D

Acq: 17 Aug 2015 16:23

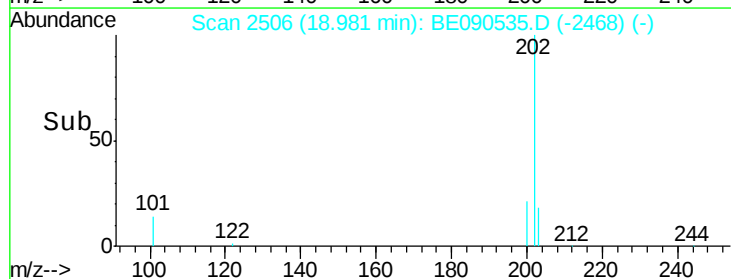
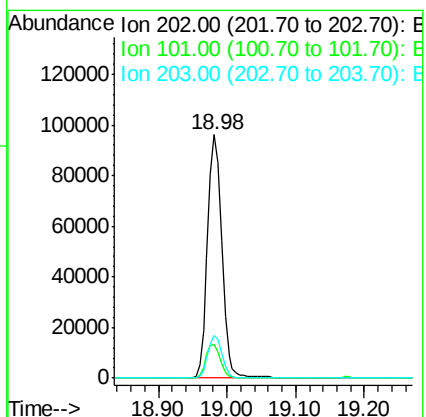
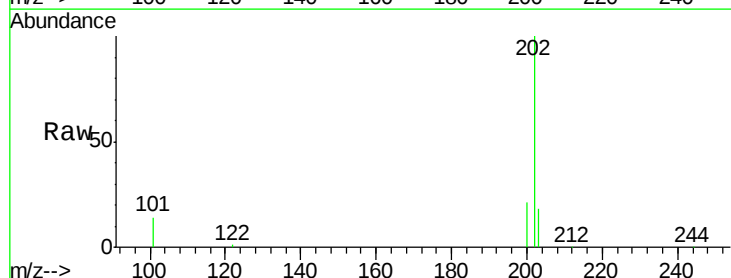
Tgt Ion:202 Resp: 138233

Ion Ratio Lower Upper

202 100

101 14.0 10.3 15.5

203 17.3 13.7 20.5





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BE090535.D

Acq: 17 Aug 2015 16:23

Instrument :

BNA_E

ClientSampled :

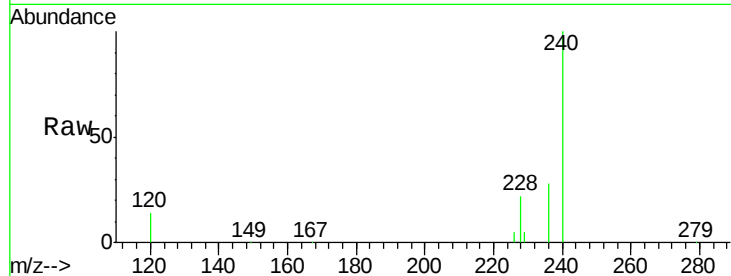
Tot Ion:240 Resp: 147610

Ion Ratio Lower Upper

240 100

120 14.3 8.3 12.5#

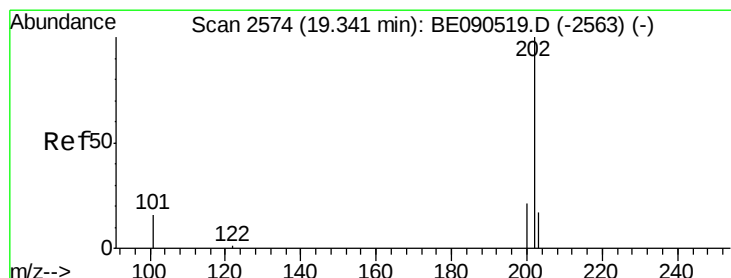
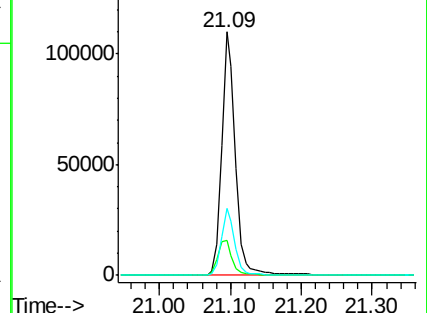
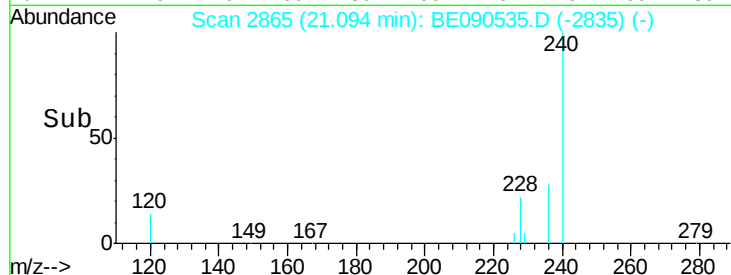
236 27.6 21.0 31.4



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: 3.45 ng

RT: 19.34 min Scan# 2574

Delta R.T. 0.00 min

Lab File: BE090535.D

Acq: 17 Aug 2015 16:23

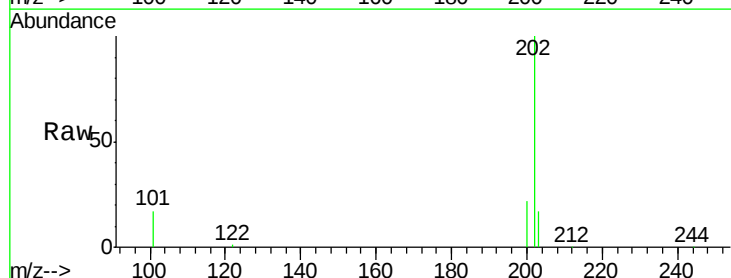
Tgt Ion:202 Resp: 145642

Ion Ratio Lower Upper

202 100

200 21.3 16.7 25.1

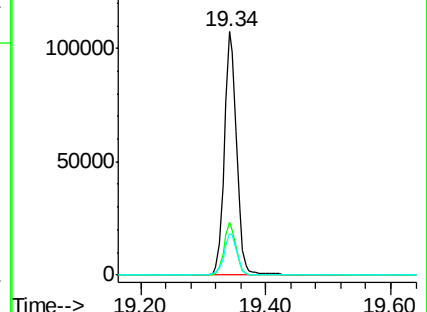
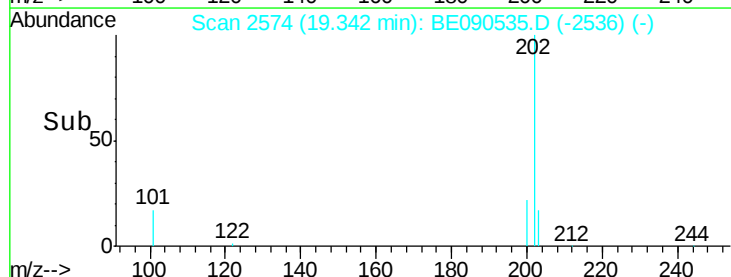
203 18.0 13.8 20.8

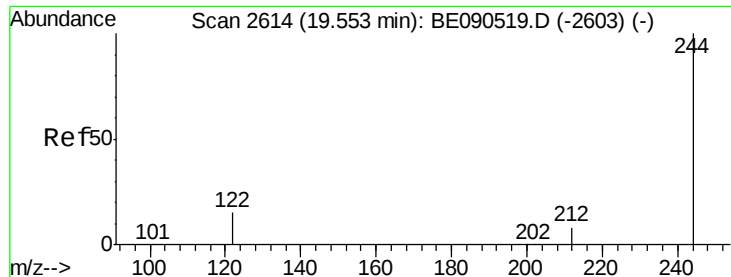


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 3.22 ng

RT: 19.55 min Scan# 2614

Delta R.T. 0.00 min

Lab File: BE090535.D

Acq: 17 Aug 2015 16:23

Instrument :

BNA_E

ClientSampleId :

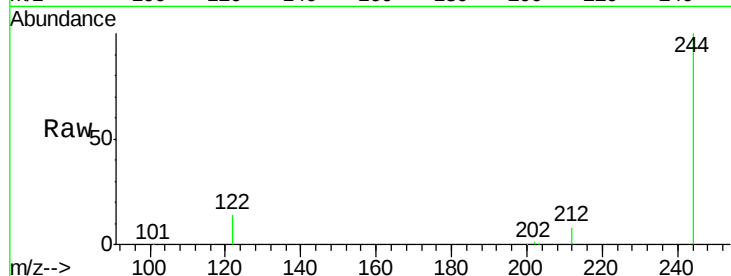
Tot Ion:244 Resp: 86980

Ion Ratio Lower Upper

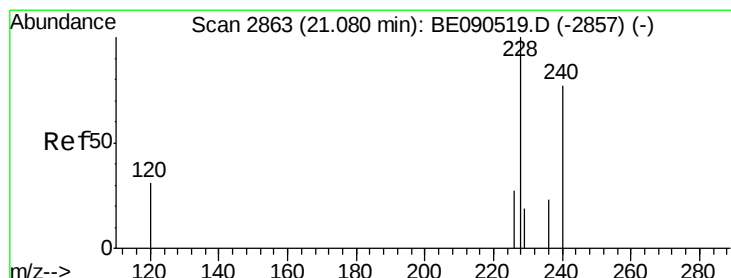
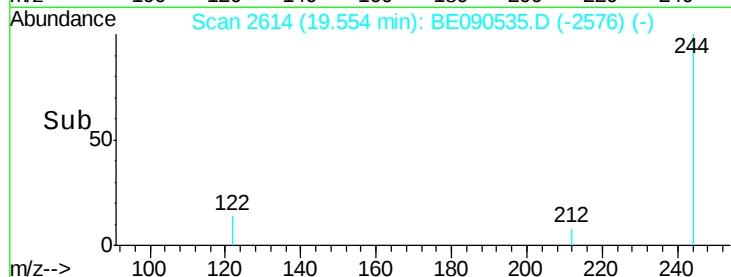
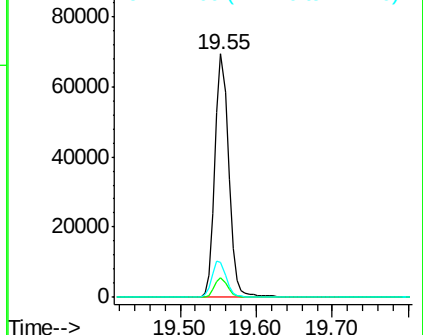
244 100

212 8.0 6.6 9.8

122 14.2 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: 3.38 ng

RT: 21.08 min Scan# 2863

Delta R.T. 0.00 min

Lab File: BE090535.D

Acq: 17 Aug 2015 16:23

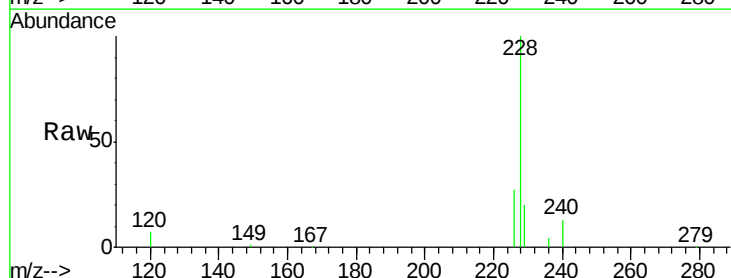
Tgt Ion:228 Resp: 131264

Ion Ratio Lower Upper

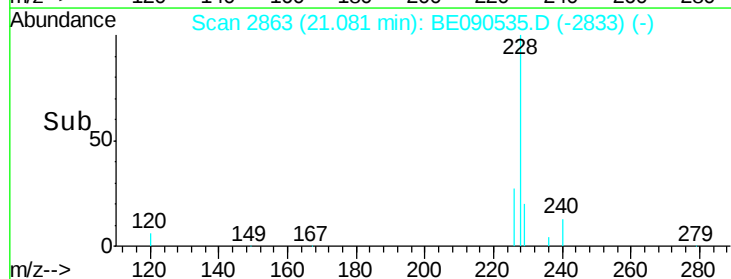
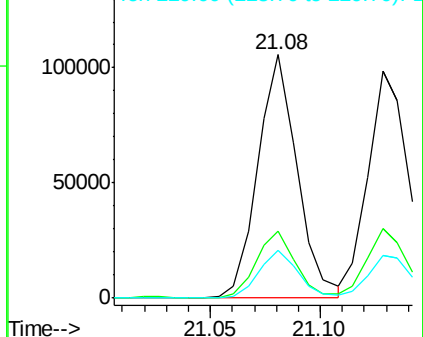
228 100

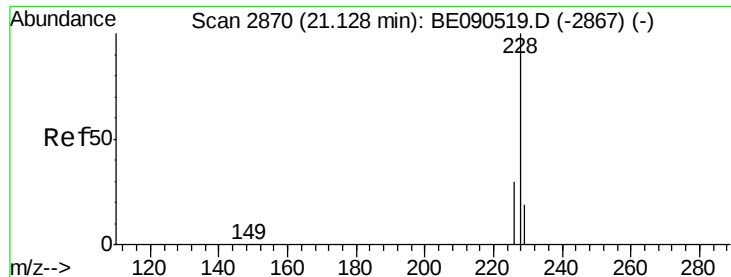
226 27.5 21.9 32.9

229 19.6 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: 3.35 ng

RT: 21.13 min Scan# 2870

Delta R.T. 0.00 min

Lab File: BE090535.D

Acq: 17 Aug 2015 16:23

Instrument :

BNA_E

ClientSampleId :

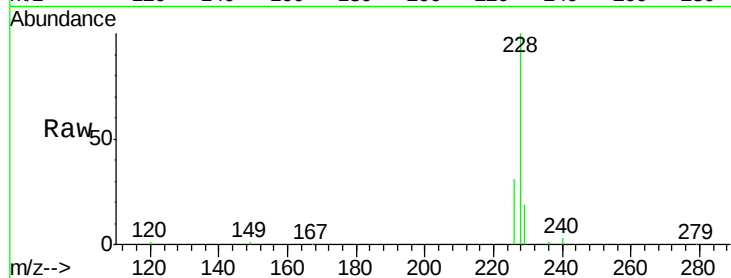
Tot Ion:228 Resp: 133040

Ion Ratio Lower Upper

228 100

226 30.7 23.1 34.7

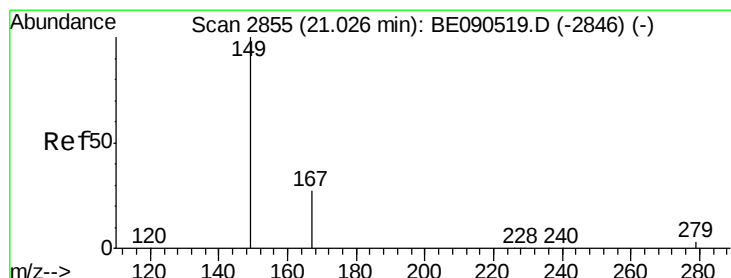
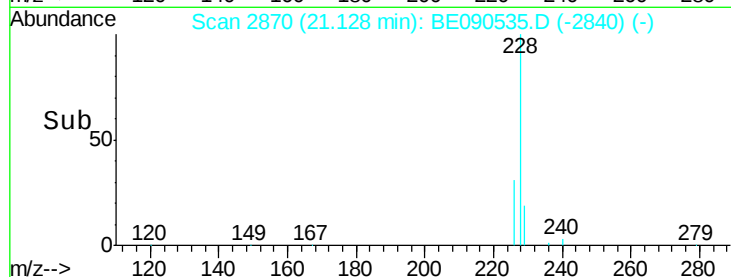
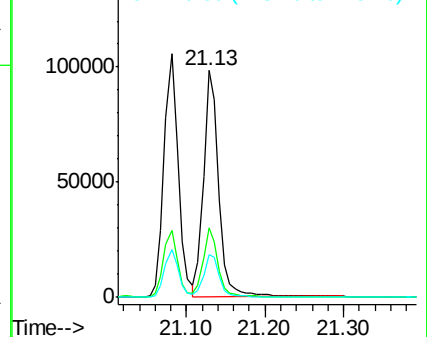
229 19.1 15.8 23.8



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: 4.02 ng

RT: 21.03 min Scan# 2855

Delta R.T. 0.00 min

Lab File: BE090535.D

Acq: 17 Aug 2015 16:23

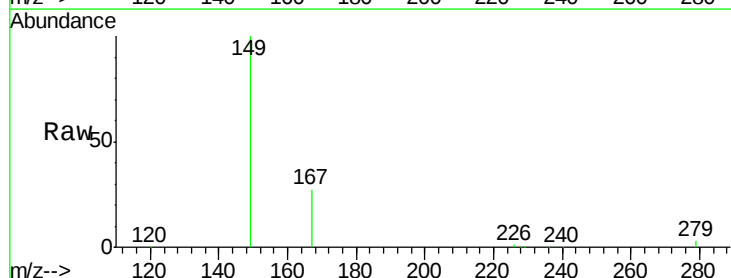
Tgt Ion:149 Resp: 92477

Ion Ratio Lower Upper

149 100

167 26.2 19.8 29.8

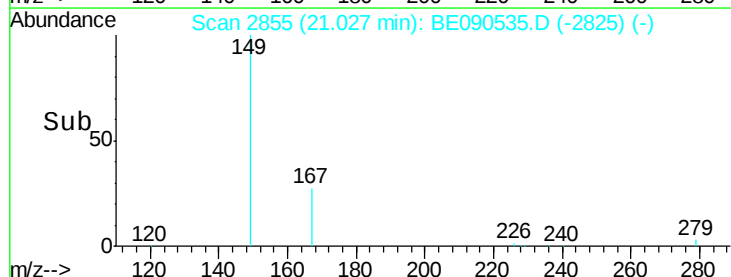
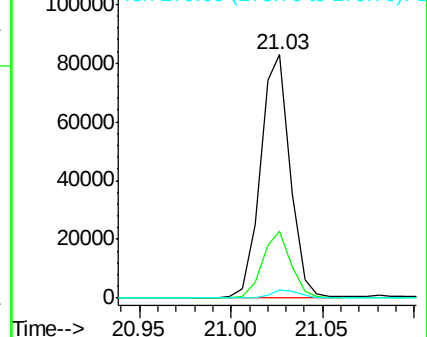
279 3.1 2.4 3.6



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

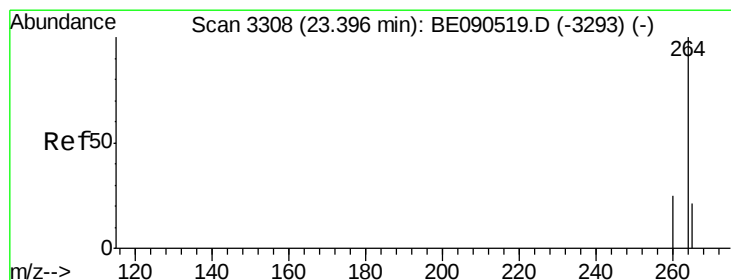
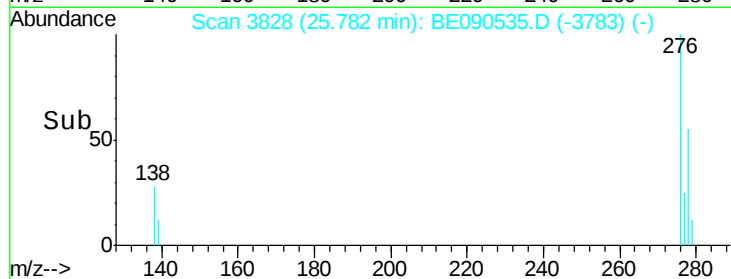
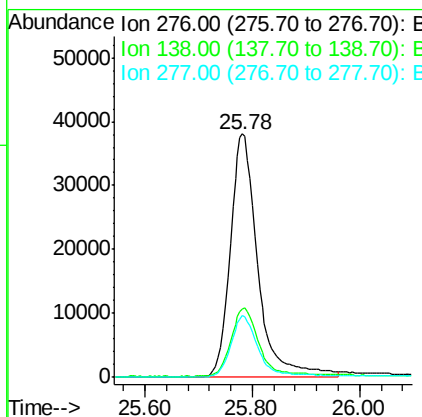
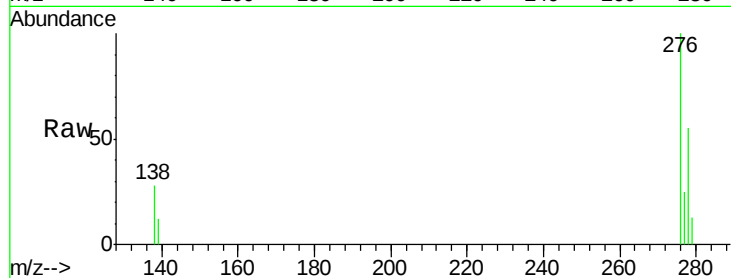




#31
 Indeno(1,2,3-cd)pyrene
 Concen: 3.61 ng
 RT: 25.78 min Scan# 3828
 Delta R.T. 0.01 min
 Lab File: BE090535.D
 Acq: 17 Aug 2015 16:23

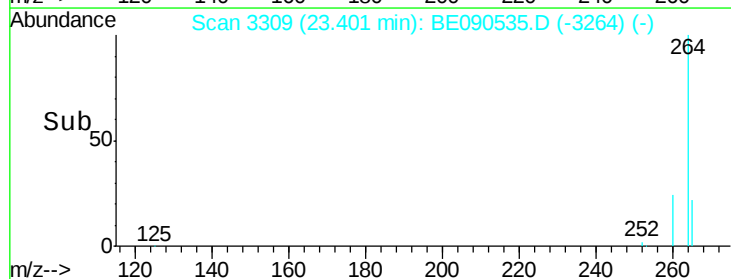
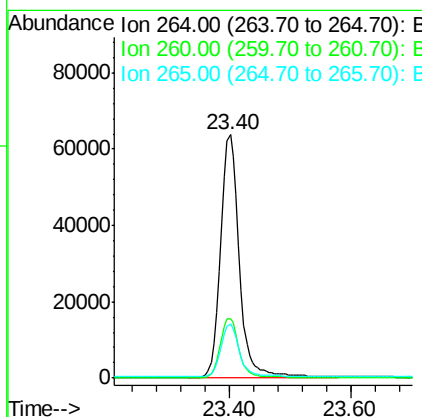
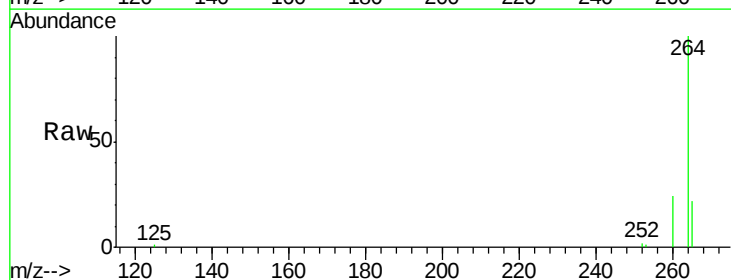
Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 135087
 Ion Ratio Lower Upper
 276 100
 138 29.2 18.8 28.2#
 277 24.6 18.2 27.4



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3309
 Delta R.T. 0.01 min
 Lab File: BE090535.D
 Acq: 17 Aug 2015 16:23

Tgt Ion:264 Resp: 137793
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.1 30.1
 265 22.5 17.2 25.8





#33

Benzo(b)fluoranthene

Concen: 3.58 ng

RT: 22.70 min Scan# 3155

Delta R.T. 0.01 min

Lab File: BE090535.D

Acq: 17 Aug 2015 16:23

Instrument :

BNA_E

ClientSampleId :

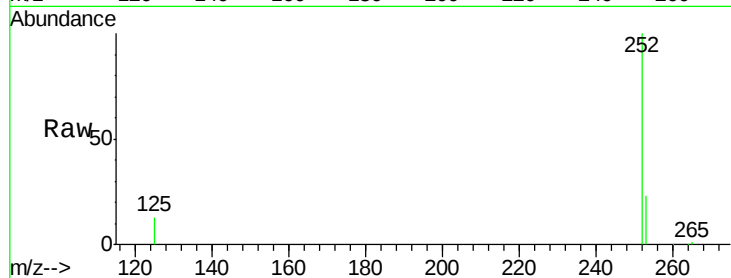
Tot Ion:252 Resp: 116754

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

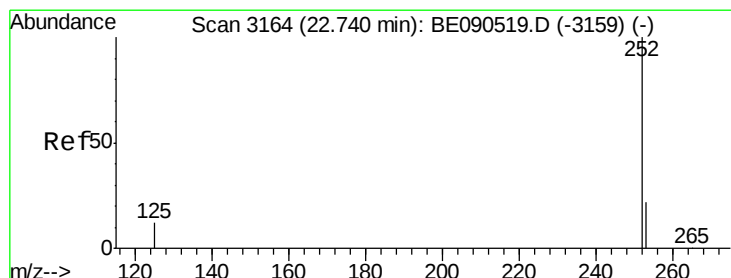
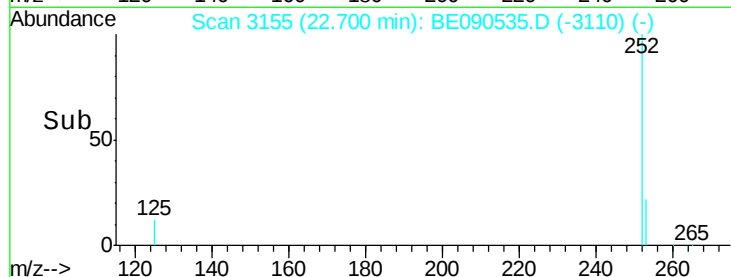
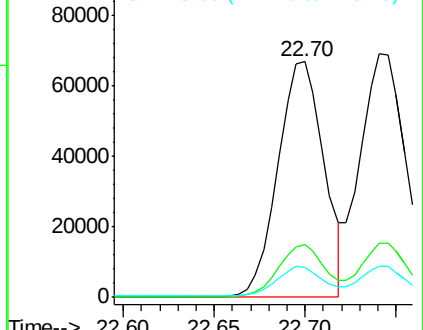
125 12.6 9.4 14.2



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: 3.58 ng

RT: 22.74 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BE090535.D

Acq: 17 Aug 2015 16:23

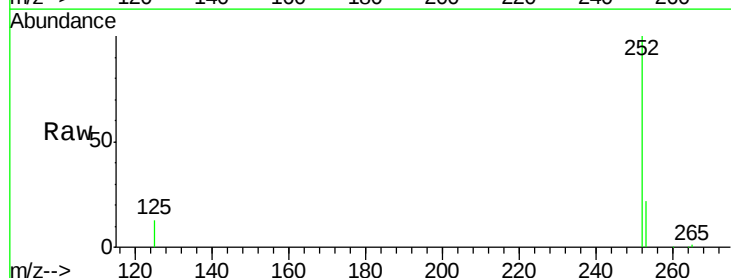
Tgt Ion:252 Resp: 132379

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

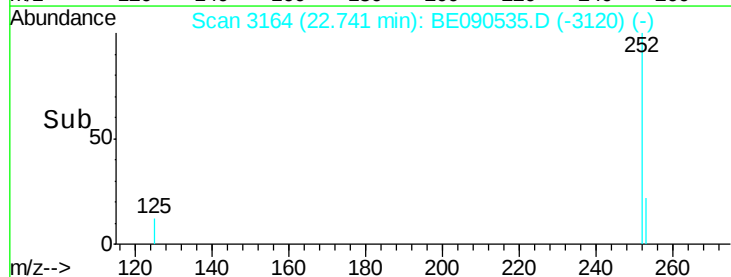
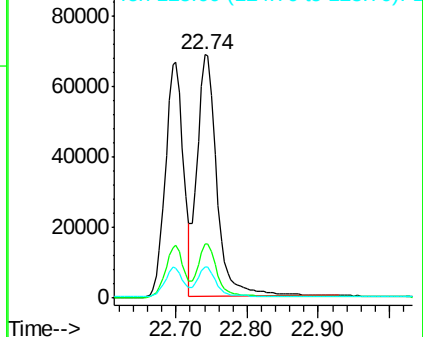
125 12.8 9.1 13.7



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: 3.93 ng

RT: 23.29 min Scan# 3285

Delta R.T. 0.00 min

Lab File: BE090535.D

Acq: 17 Aug 2015 16:23

Instrument :

BNA_E

ClientSampleId :

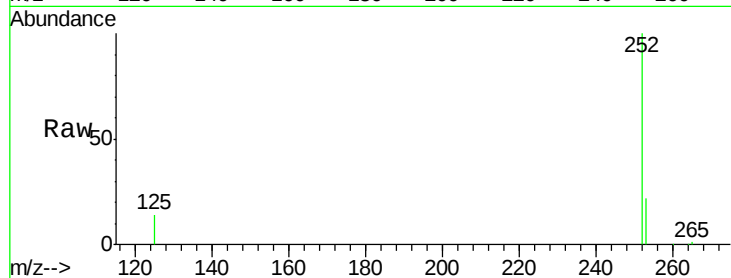
Tot Ion:252 Resp: 119839

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

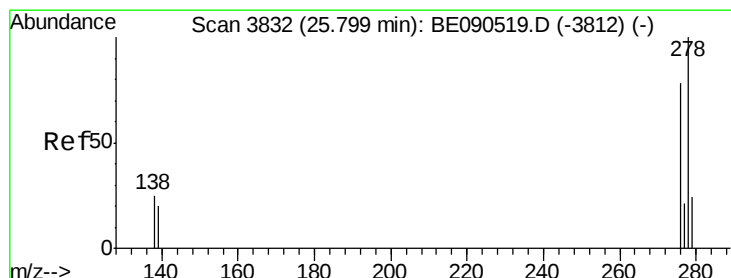
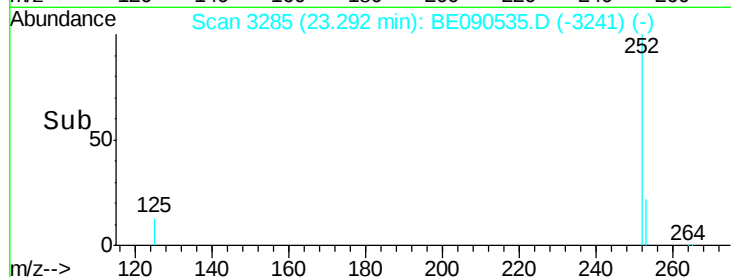
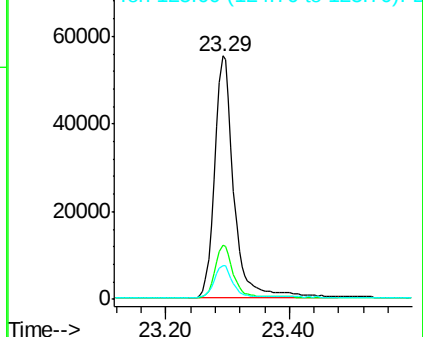
125 14.1 9.8 14.6



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: 3.70 ng

RT: 25.80 min Scan# 3832

Delta R.T. 0.00 min

Lab File: BE090535.D

Acq: 17 Aug 2015 16:23

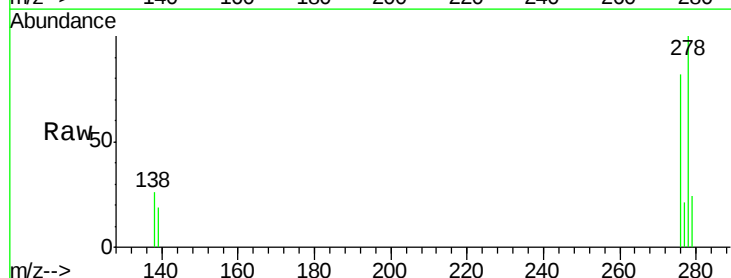
Tgt Ion:278 Resp: 108838

Ion Ratio Lower Upper

278 100

139 19.3 14.2 21.4

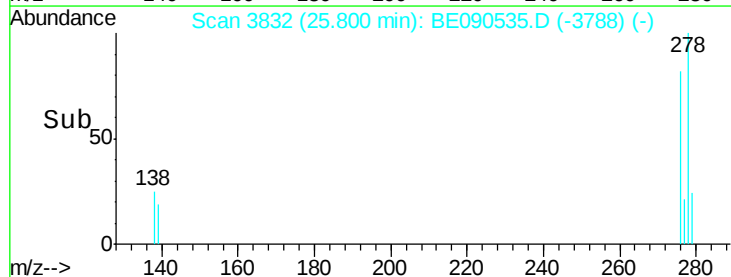
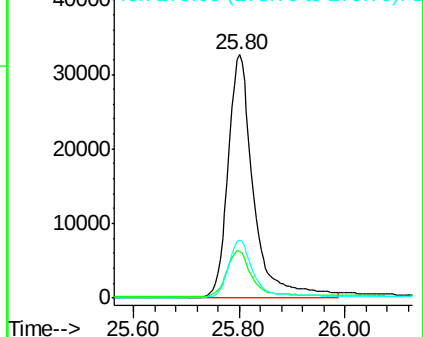
279 24.0 20.1 30.1



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: 3.68 ng

RT: 26.51 min Scan# 3988

Delta R.T. 0.00 min

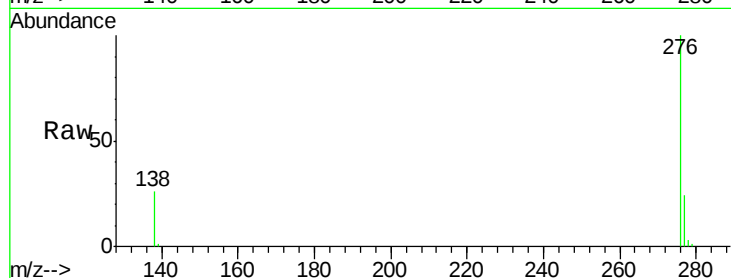
Lab File: BE090535.D

Acq: 17 Aug 2015 16:23

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 118483

Ion Ratio Lower Upper

276 100

277 23.8 20.1 30.1

138 25.9 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

