

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
 Data File : BE090497.D
 Acq On : 13 Aug 2015 9:11
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 13 10:51:00 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

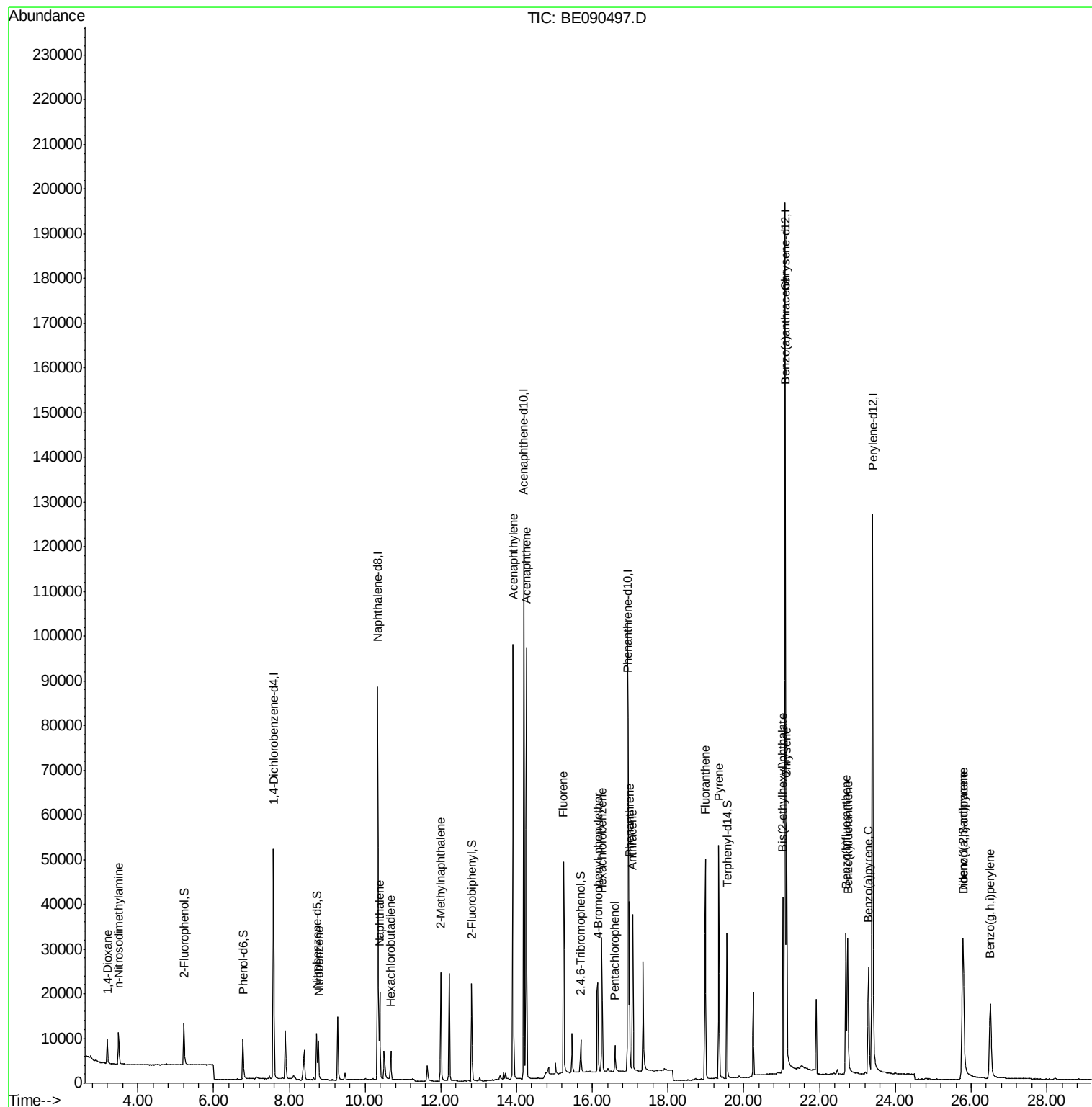
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	25593	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	118884	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	69531	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	155968	5.00	ng	0.00
25) Chrysene-d12	21.09	240	176951	5.00	ng	0.00
32) Perylene-d12	23.40	264	177413	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	7690	2.00	ng	0.00
5) Phenol-d6	6.77	99	11523	1.59	ng	0.00
7) Nitrobenzene-d5	8.72	82	10294	1.22	ng	-0.01
13) 2,4,6-Tribromophenol	15.69	330	3440	2.46	ng	-0.02
14) 2-Fluorobiphenyl	12.82	172	20725	1.08	ng	0.00
27) Terphenyl-d14	19.55	244	33937	1.30	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	3457	1.03	ng	92
3) n-Nitrosodimethylamine	3.49	42	4370	1.10	ng	# 70
8) Nitrobenzene	8.77	77	10734	1.20	ng	95
9) Naphthalene	10.39	128	26618	1.01	ng	99
10) Hexachlorobutadiene	10.68	225	4361	1.04	ng	99
11) 2-Methylnaphthalene	12.00	142	18055	1.19	ng	100
15) Acenaphthylene	13.91	152	128494	1.14	ng	100
16) Acenaphthene	14.26	154	18003	1.03	ng	# 85
17) Fluorene	15.24	166	24162	1.06	ng	97
19) 4-Bromophenyl-phenylether	16.14	248	6834	1.13	ng	91
20) Hexachlorobenzene	16.25	284	28847	0.92	ng	99
21) Pentachlorophenol	16.60	266	3565	2.59	ng	90
22) Phenanthrene	16.98	178	40791	1.05	ng	99
23) Anthracene	17.07	178	39287	1.23	ng	100
24) Fluoranthene	18.98	202	46631	1.21	ng	99
26) Pyrene	19.34	202	48353	1.26	ng	100
28) Benzo(a)anthracene	21.08	228	47057	1.20	ng	98
29) Chrysene	21.13	228	47992	1.01	ng	98
30) Bis(2-ethylhexyl)phthalate	21.03	149	31534	2.73	ng	97
31) Indeno(1,2,3-cd)pyrene	25.78	276	47411	1.30	ng	96
33) Benzo(b)fluoranthene	22.70	252	40436	1.16	ng	97
34) Benzo(k)fluoranthene	22.74	252	47337	0.96	ng	97
35) Benzo(a)pyrene	23.29	252	39262	1.21	ng	96
36) Dibenzo(a,h)anthracene	25.80	278	37772	1.24	ng	98
37) Benzo(g,h,i)perylene	26.51	276	41065	1.25	ng	98

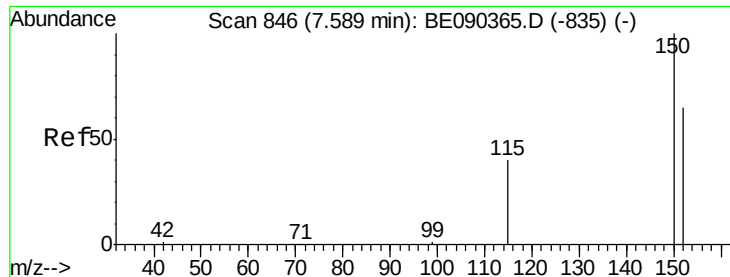
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081215\
Data File : BE090497.D
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Instrument :
BNA_E
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Quant Time: Aug 13 10:51:00 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 844

Delta R.T. -0.01 min

Lab File: BE090497.D

Acq: 13 Aug 2015 9:11

Instrument :

BNA_E

ClientSampled :

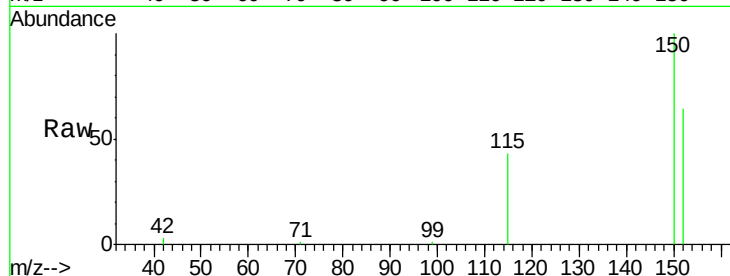
Tot Ion:152 Resp: 25593

Ion Ratio Lower Upper

152 100

150 156.7 123.0 184.4

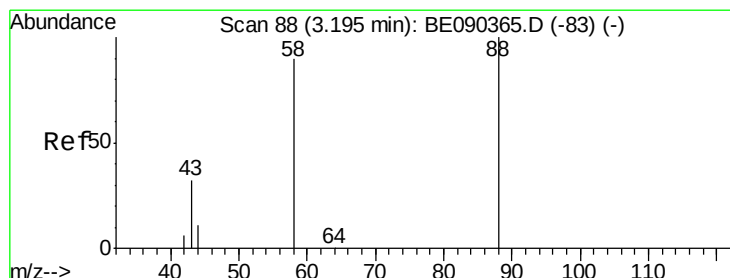
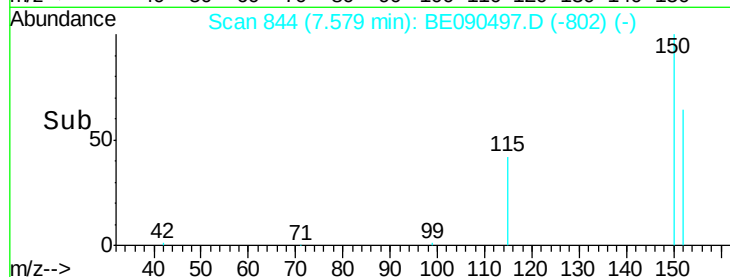
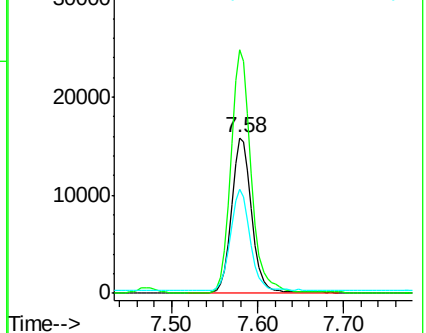
115 67.0 48.9 73.3



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: 1.03 ng

RT: 3.20 min Scan# 88

Delta R.T. 0.00 min

Lab File: BE090497.D

Acq: 13 Aug 2015 9:11

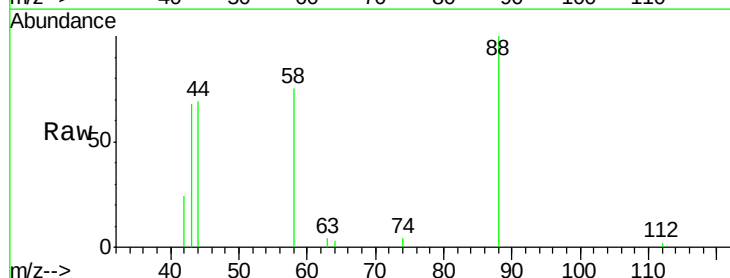
Tgt Ion: 88 Resp: 3457

Ion Ratio Lower Upper

88 100

58 80.2 70.0 105.0

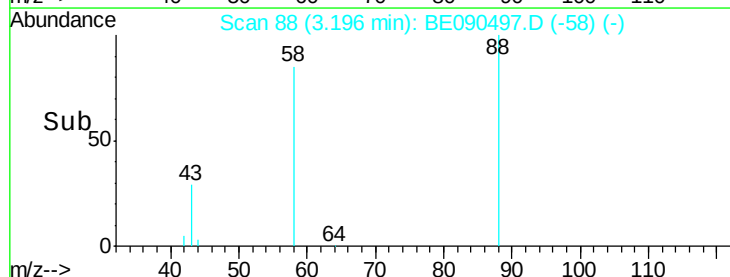
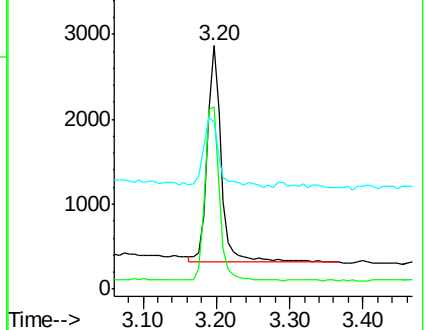
43 30.4 28.4 42.6

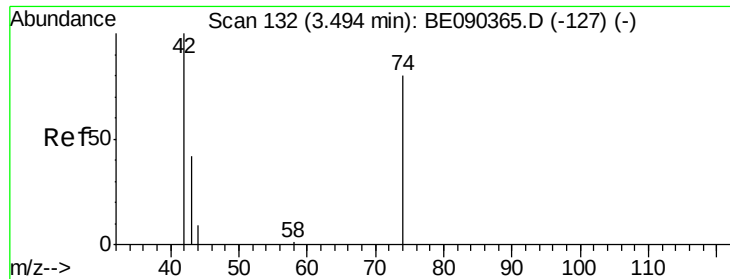


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



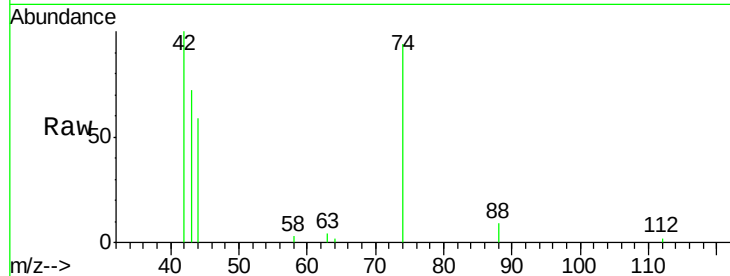


#3

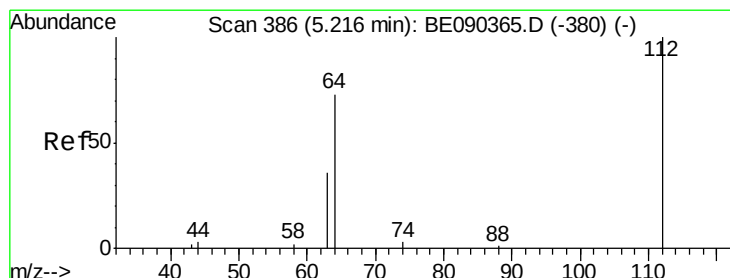
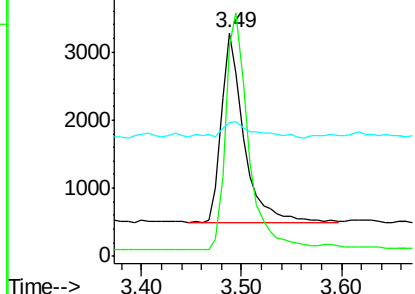
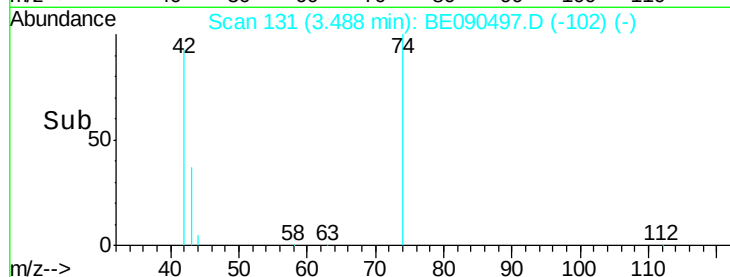
n-Nitrosodimethylamine
 Concen: 1.10 ng
 RT: 3.49 min Scan# 131
 Delta R.T. -0.01 min
 Lab File: BE090497.D
 Acq: 13 Aug 2015 9:11

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 4370
 Ion Ratio Lower Upper
 42 100
 74 126.2 75.2 112.8#
 44 12.3 8.7 13.1



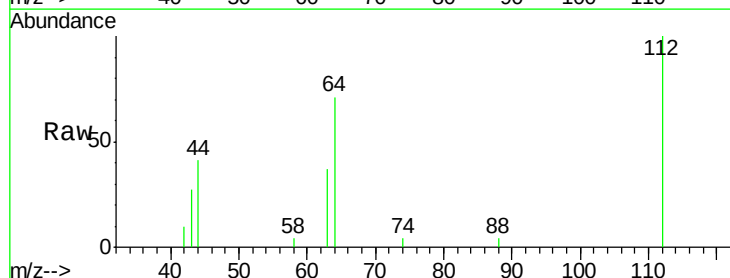
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



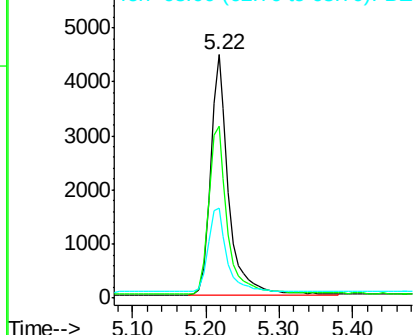
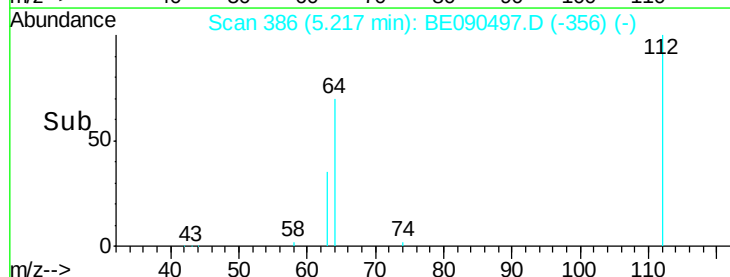
#4

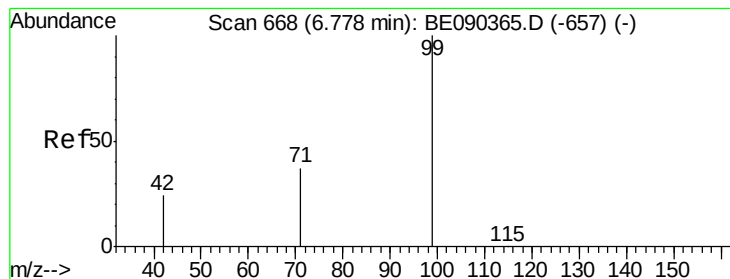
2-Fluorophenol
 Concen: 2.00 ng
 RT: 5.22 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: BE090497.D
 Acq: 13 Aug 2015 9:11

Tgt Ion: 112 Resp: 7690
 Ion Ratio Lower Upper
 112 100
 64 72.6 37.1 55.7#
 63 35.9 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: 1.59 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.00 min

Lab File: BE090497.D

Acq: 13 Aug 2015 9:11

Instrument :

BNA_E

ClientSampleId :

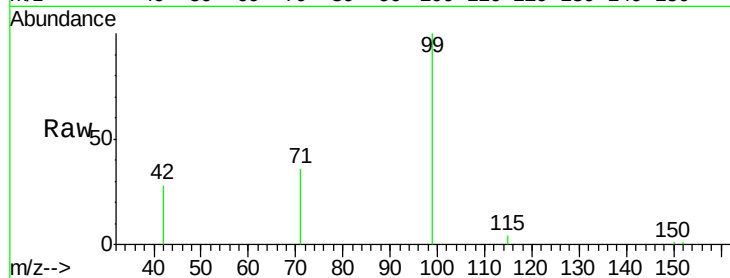
Tot Ion: 99 Resp: 11523

Ion Ratio Lower Upper

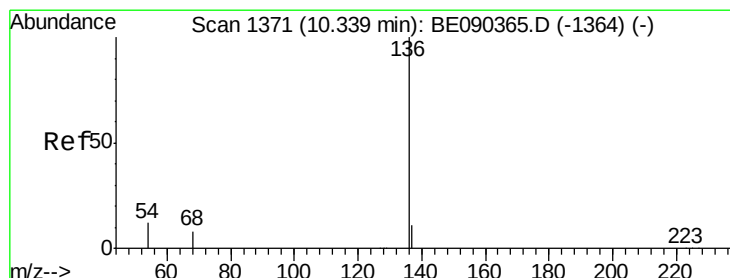
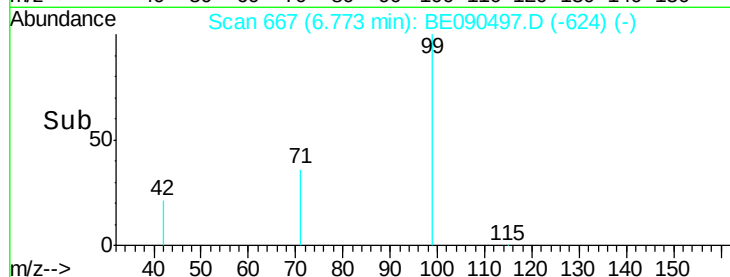
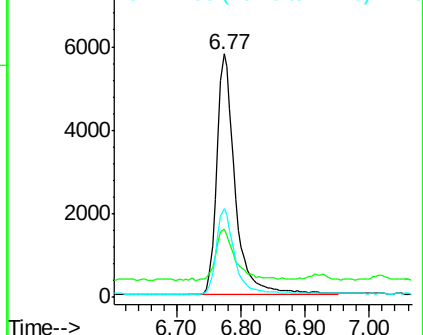
99 100

42 22.1 18.2 27.4

71 34.9 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. 0.00 min

Lab File: BE090497.D

Acq: 13 Aug 2015 9:11

Tgt Ion: 136 Resp: 118884

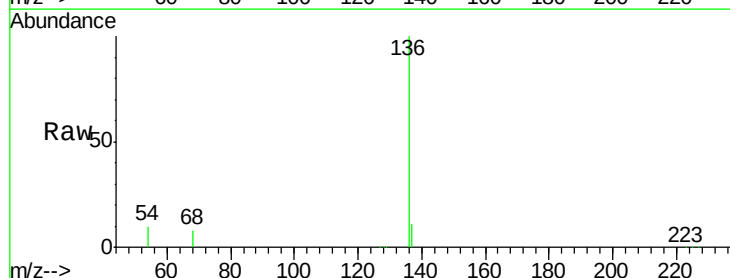
Ion Ratio Lower Upper

136 100

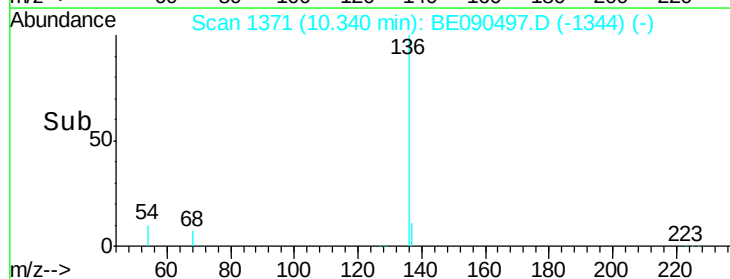
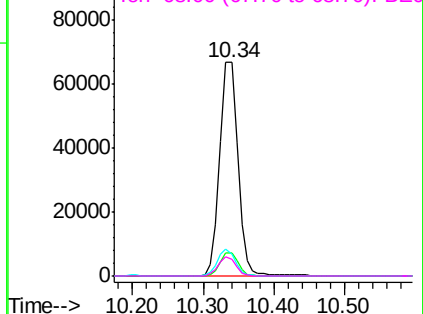
137 11.1 8.7 13.1

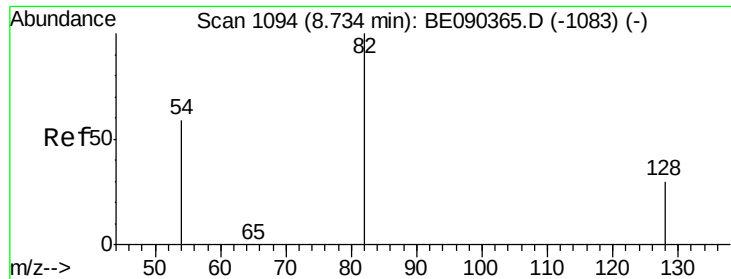
54 10.2 9.4 14.0

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: 1.22 ng

RT: 8.72 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BE090497.D

Acq: 13 Aug 2015 9:11

Instrument :

BNA_E

ClientSampled :

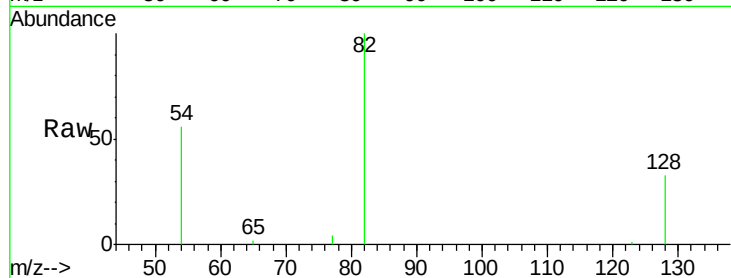
Tot Ion: 82 Resp: 10294

Ion Ratio Lower Upper

82 100

128 32.7 25.0 37.6

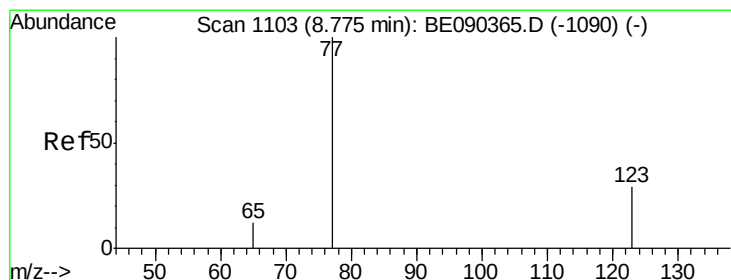
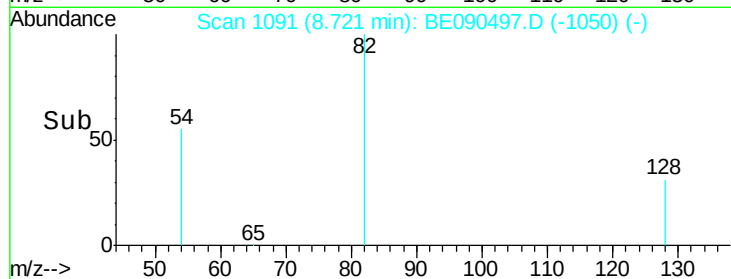
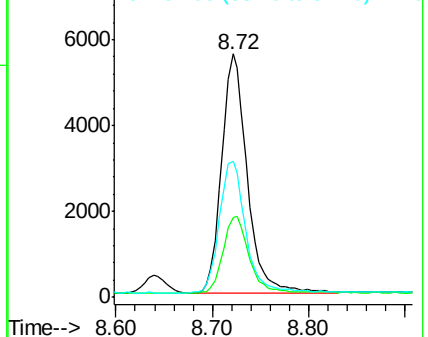
54 55.8 48.8 73.2



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: 1.20 ng

RT: 8.77 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BE090497.D

Acq: 13 Aug 2015 9:11

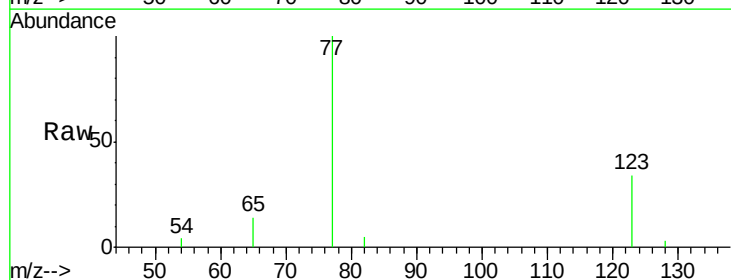
Tgt Ion: 77 Resp: 10734

Ion Ratio Lower Upper

77 100

123 34.1 25.1 37.7

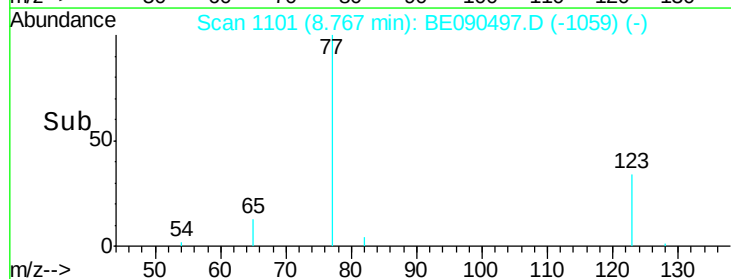
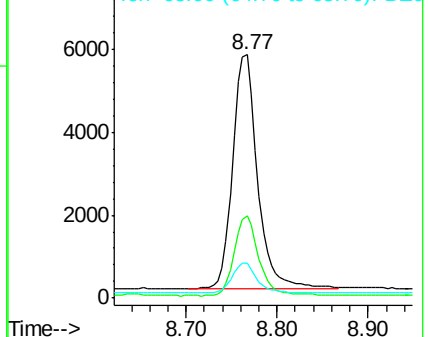
65 13.2 9.3 13.9

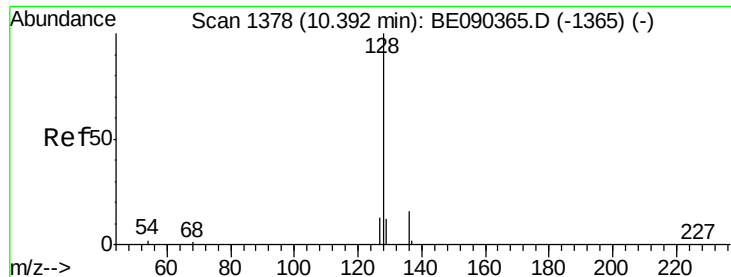


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 1.01 ng

RT: 10.39 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BE090497.D

Acq: 13 Aug 2015 9:11

Instrument :

BNA_E

ClientSampleId :

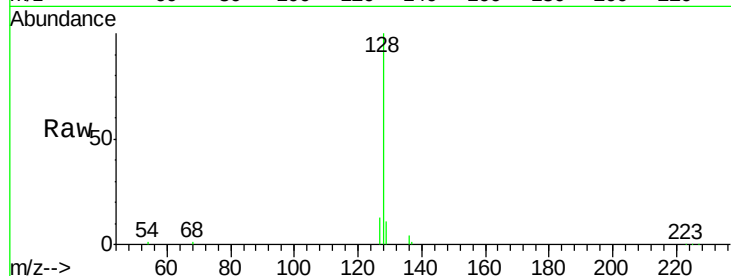
Tot Ion:128 Resp: 26618

Ion Ratio Lower Upper

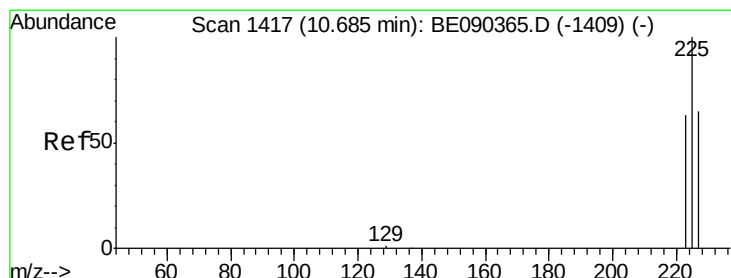
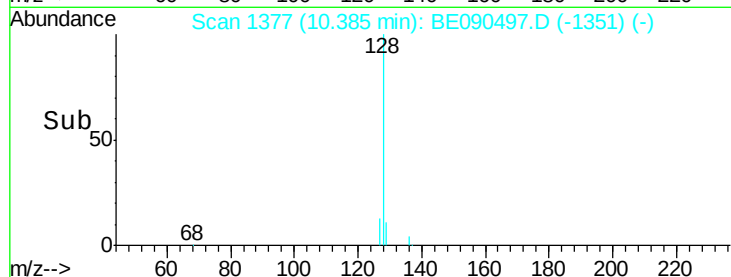
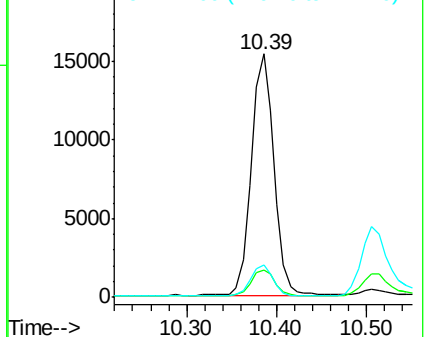
128 100

129 11.4 9.8 14.6

127 13.4 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: 1.04 ng

RT: 10.68 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BE090497.D

Acq: 13 Aug 2015 9:11

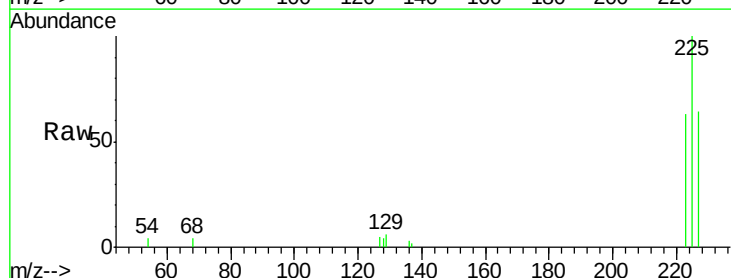
Tgt Ion:225 Resp: 4361

Ion Ratio Lower Upper

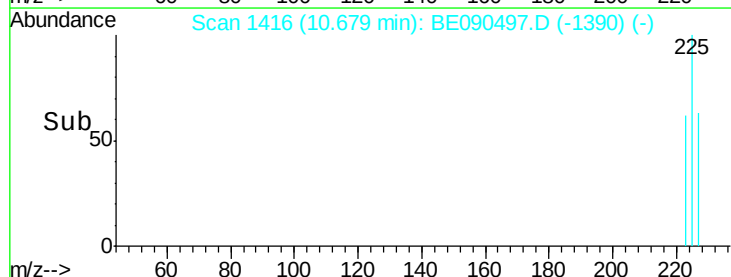
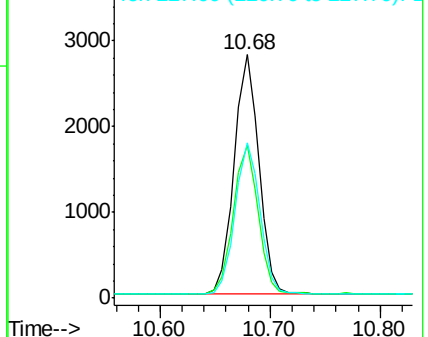
225 100

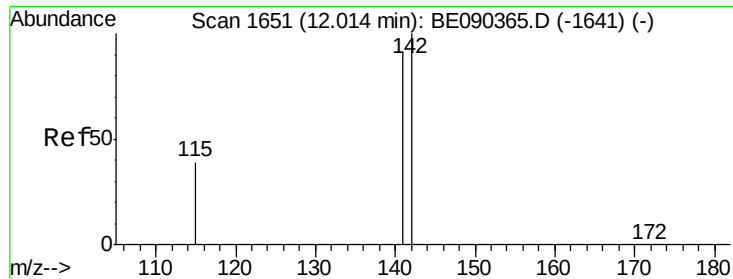
223 62.2 50.6 75.8

227 64.2 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

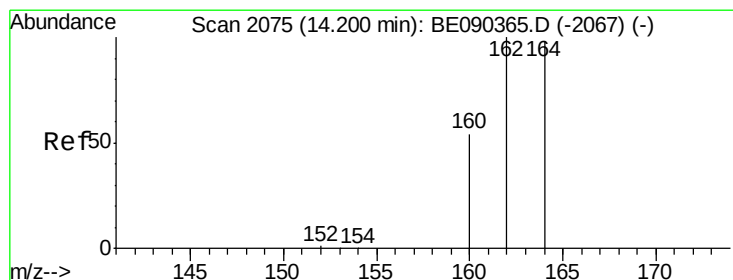
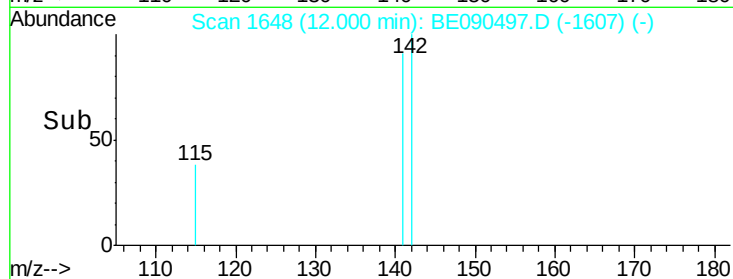
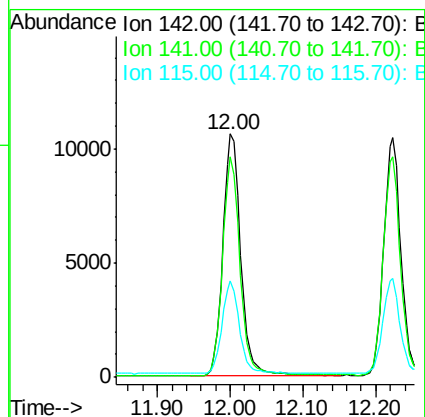
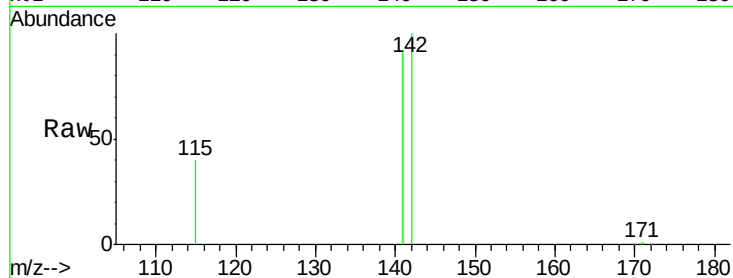




#11
2-Methylnaphthalene
Concen: 1.19 ng
RT: 12.00 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BE090497.D
Acq: 13 Aug 2015 9:11

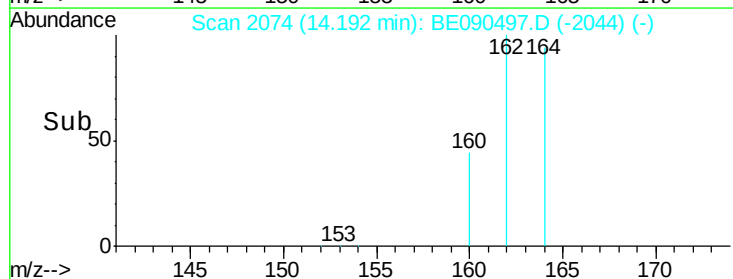
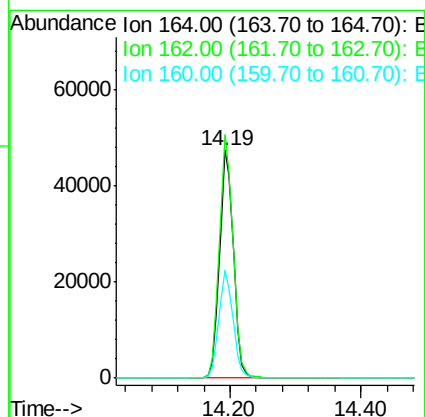
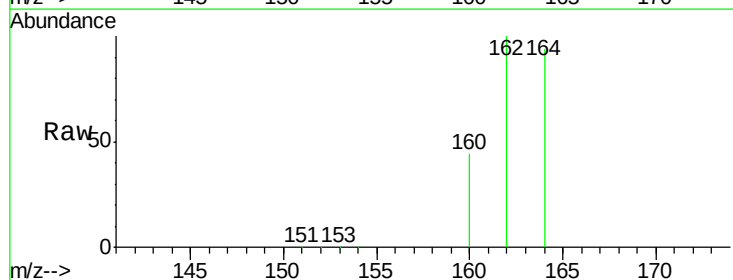
Instrument :
BNA_E
ClientSampleId :

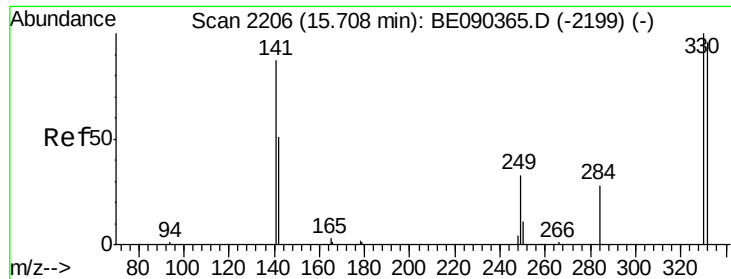
Tot Ion:142 Resp: 18055
Ion Ratio Lower Upper
142 100
141 90.7 72.6 109.0
115 39.5 31.6 47.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 2074
Delta R.T. -0.01 min
Lab File: BE090497.D
Acq: 13 Aug 2015 9:11

Tgt Ion:164 Resp: 69531
Ion Ratio Lower Upper
164 100
162 106.8 81.8 122.8
160 47.5 44.2 66.4

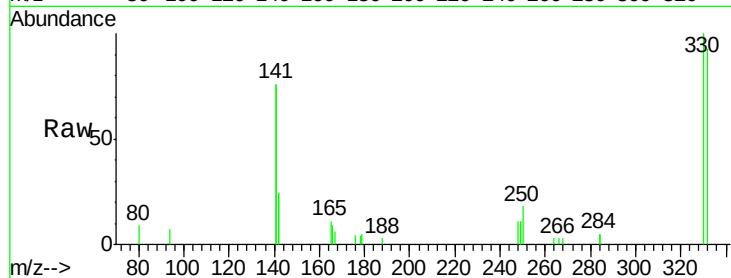




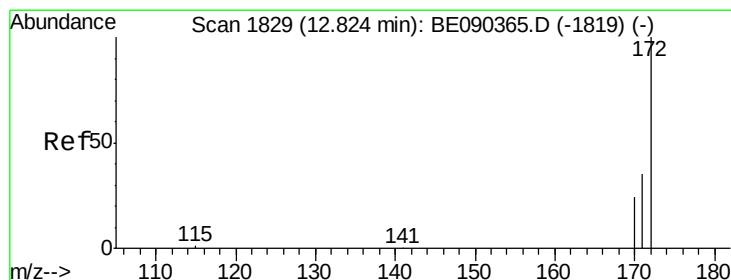
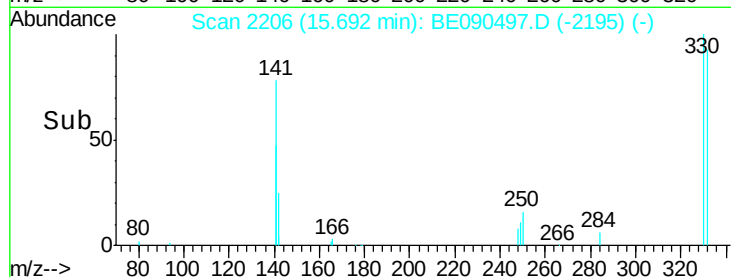
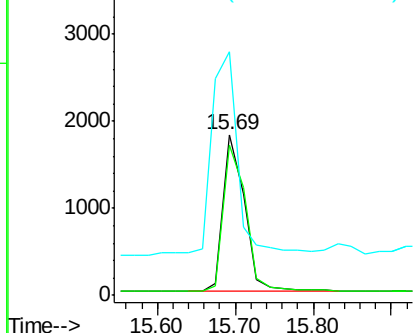
#13
 2,4,6-Tribromophenol
 Concen: 2.46 ng
 RT: 15.69 min Scan# 2206
 Delta R.T. -0.02 min
 Lab File: BE090497.D
 Acq: 13 Aug 2015 9:11

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:330 Resp: 3440
 Ion Ratio Lower Upper
 330 100
 332 98.4 75.8 113.6
 141 158.6 114.4 171.6

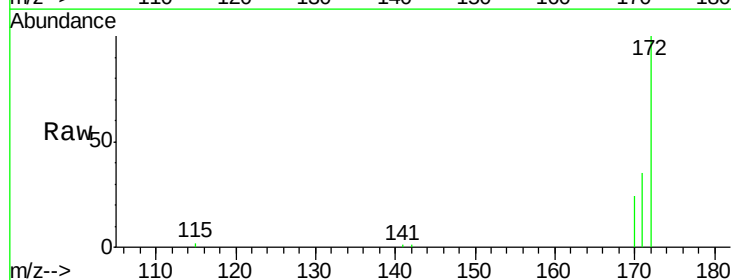


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

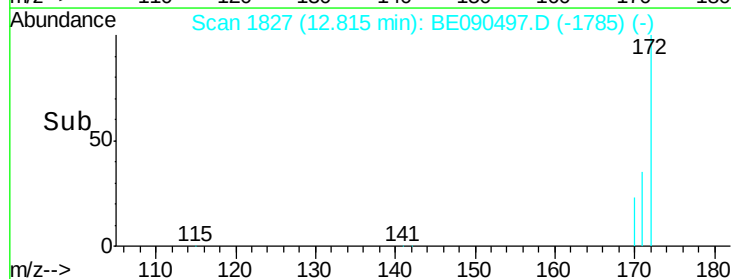
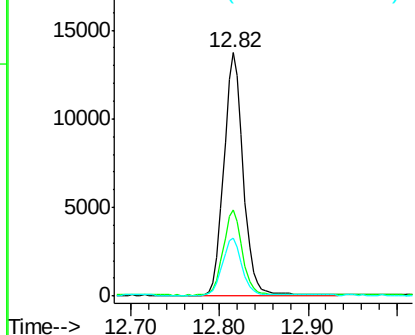


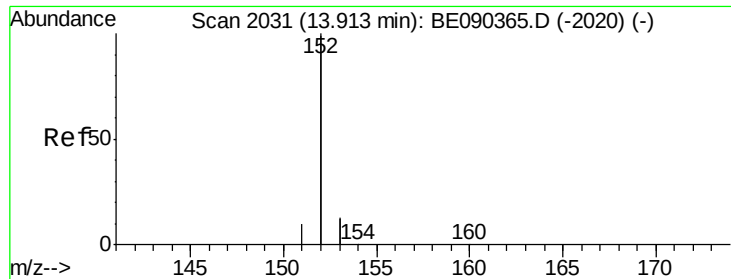
#14
 2-Fluorobiphenyl
 Concen: 1.08 ng
 RT: 12.82 min Scan# 1827
 Delta R.T. -0.01 min
 Lab File: BE090497.D
 Acq: 13 Aug 2015 9:11

Tgt Ion:172 Resp: 20725
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.7 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: 1.14 ng

RT: 13.91 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BE090497.D

Acq: 13 Aug 2015 9:11

Instrument :

BNA_E

ClientSampleId :

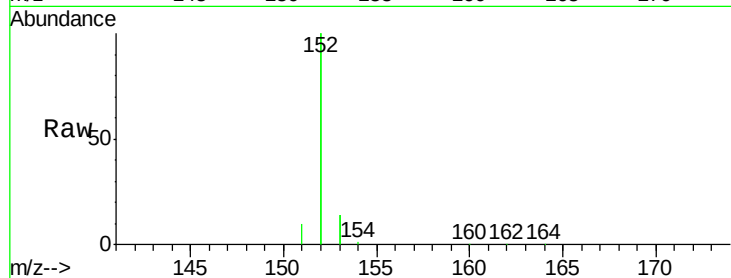
Tot Ion:152 Resp: 128494

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

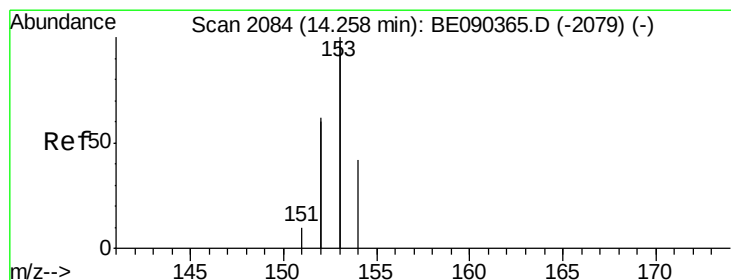
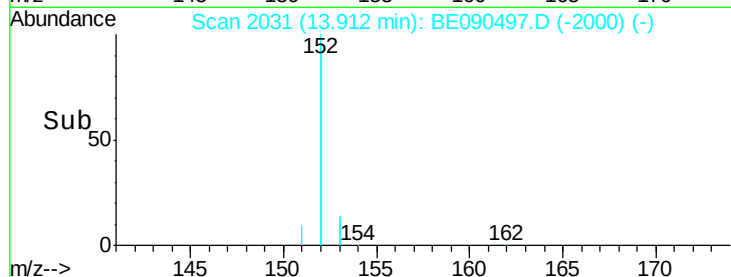
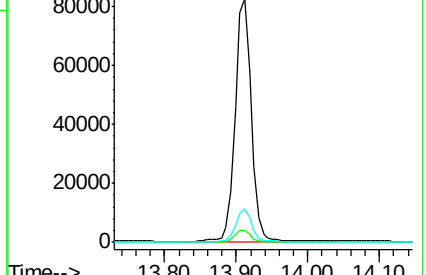
153 13.1 10.3 15.5



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: 1.03 ng

RT: 14.26 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BE090497.D

Acq: 13 Aug 2015 9:11

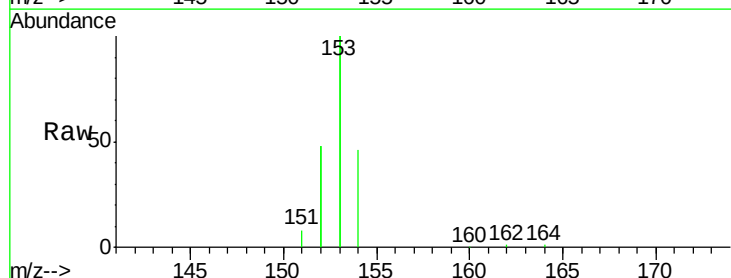
Tgt Ion:154 Resp: 18003

Ion Ratio Lower Upper

154 100

153 459.4 376.2 564.2

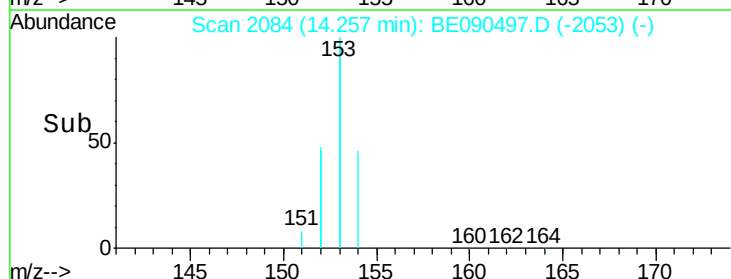
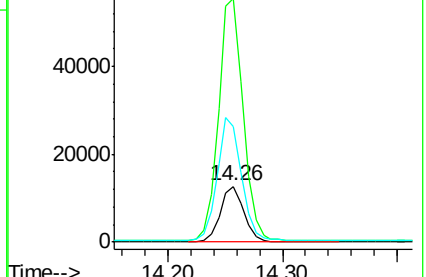
152 229.4 235.0 352.4#

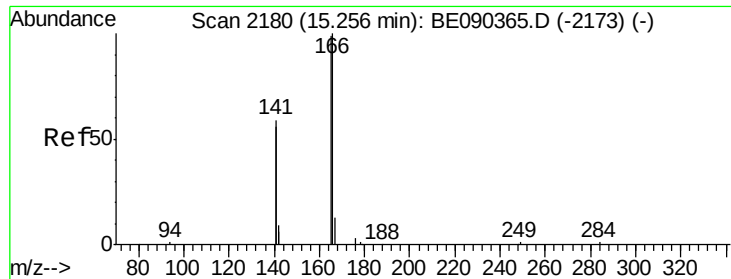


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

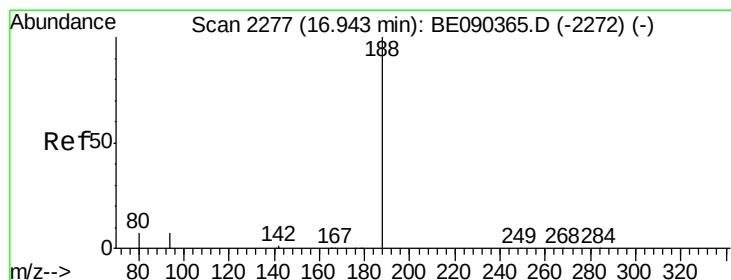
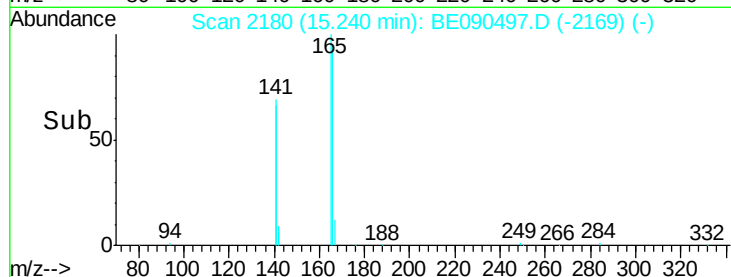
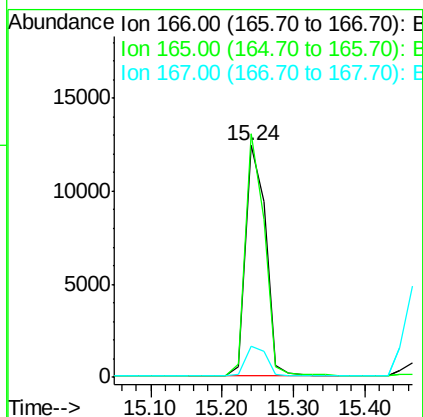
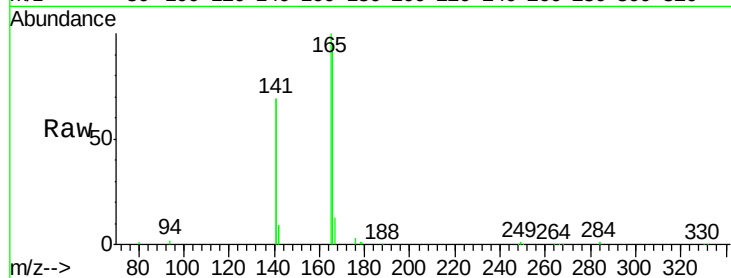




#17
Fluorene
 Concen: 1.06 ng
 RT: 15.24 min Scan# 2180
 Delta R.T. -0.02 min
 Lab File: BE090497.D
 Acq: 13 Aug 2015 9:11

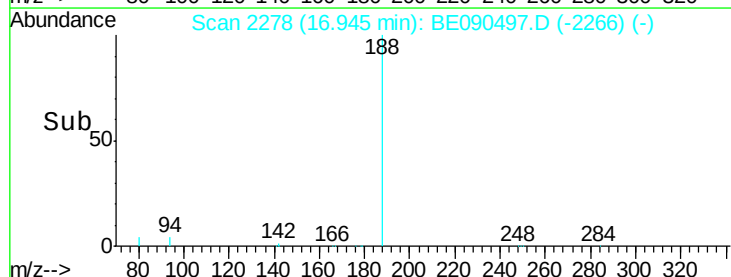
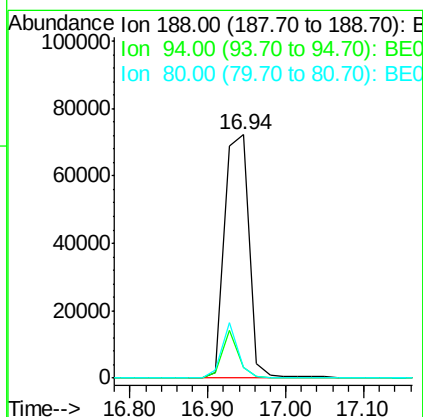
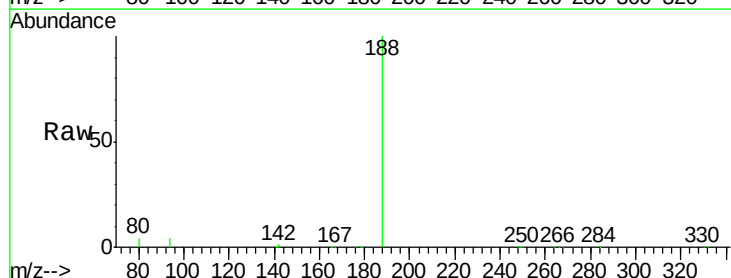
Instrument :
 BNA_E
 ClientSampleId :

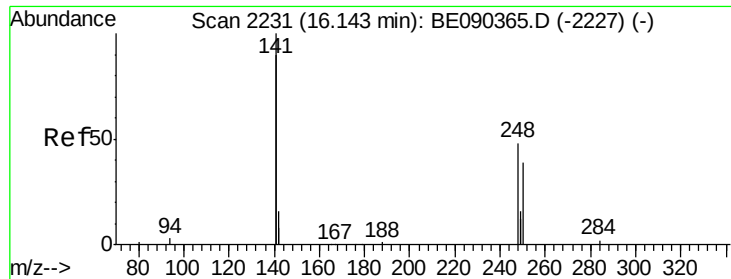
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	81.5	122.3
167	13.7	11.4	17.0



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.94 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BE090497.D
 Acq: 13 Aug 2015 9:11

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

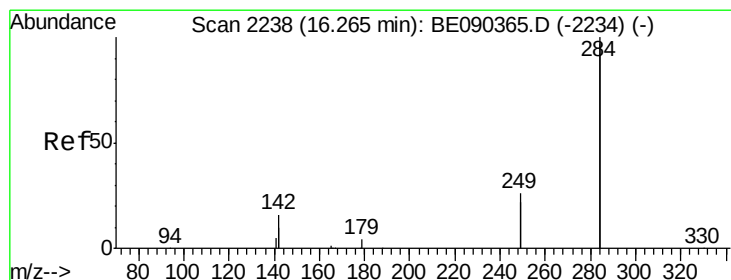
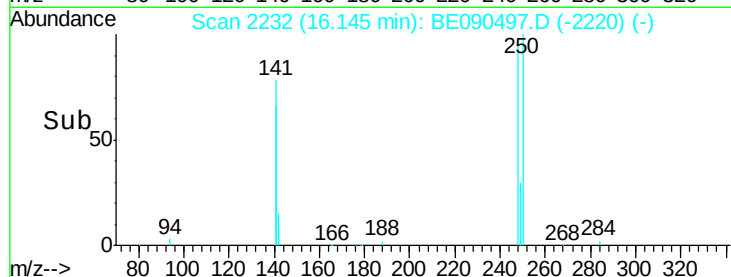
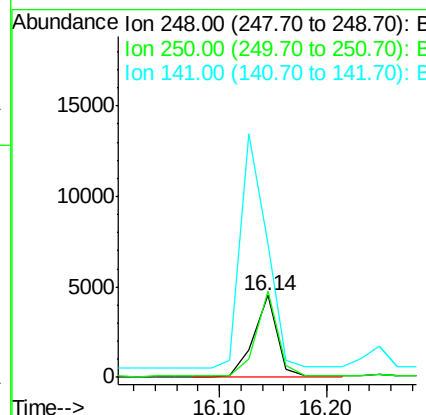
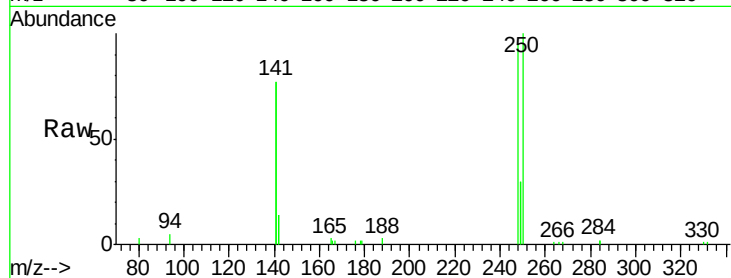




#19
4-Bromophenyl-phenylether
Concen: 1.13 ng
RT: 16.14 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BE090497.D
Acq: 13 Aug 2015 9:11

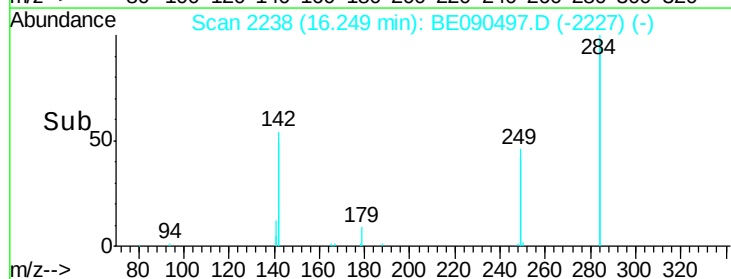
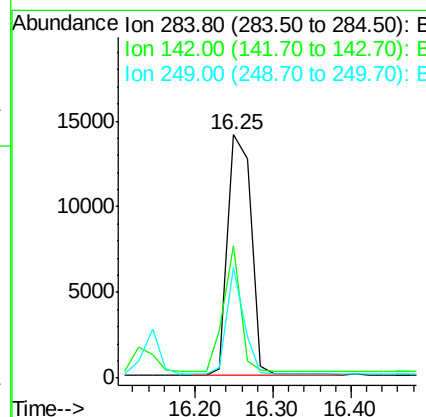
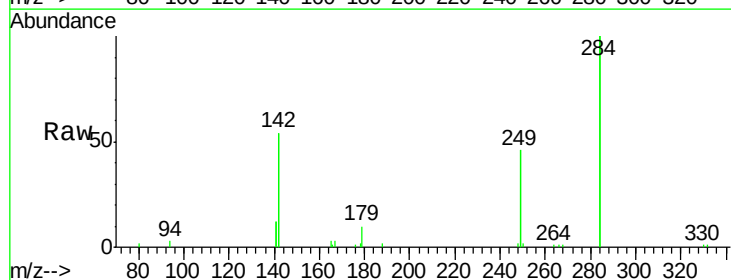
Instrument :
BNA_E
ClientSampleId :

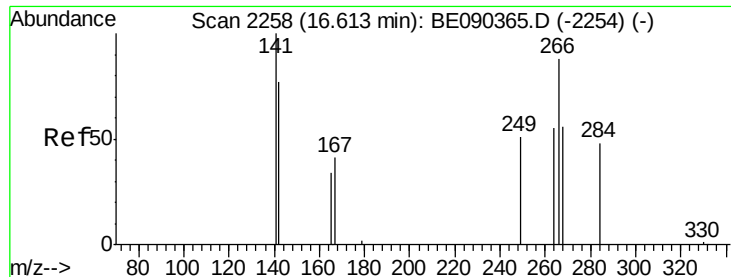
Tot Ion:248 Resp: 6834
Ion Ratio Lower Upper
248 100
250 98.7 79.0 118.6
141 322.0 239.5 359.3



#20
Hexachlorobenzene
Concen: 0.92 ng
RT: 16.25 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BE090497.D
Acq: 13 Aug 2015 9:11

Tgt Ion:284 Resp: 28847
Ion Ratio Lower Upper
284 100
142 38.7 30.1 45.1
249 32.5 25.7 38.5





#21

Pentachlorophenol

Concen: 2.59 ng

RT: 16.60 min Scan# 2258

Delta R.T. -0.01 min

Lab File: BE090497.D

Acq: 13 Aug 2015 9:11

Instrument :

BNA_E

ClientSampled :

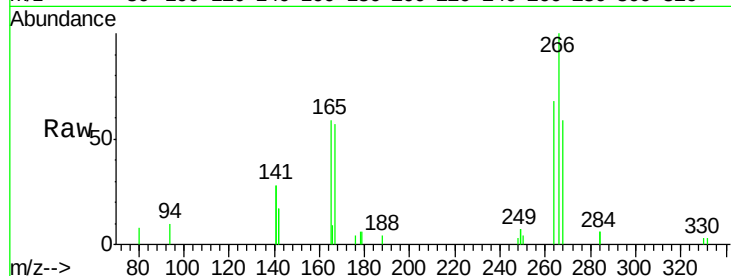
Tot Ion:266 Resp: 3565

Ion Ratio Lower Upper

266 100

268 59.0 58.5 87.7

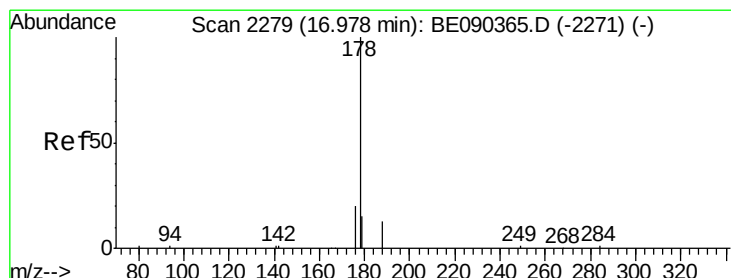
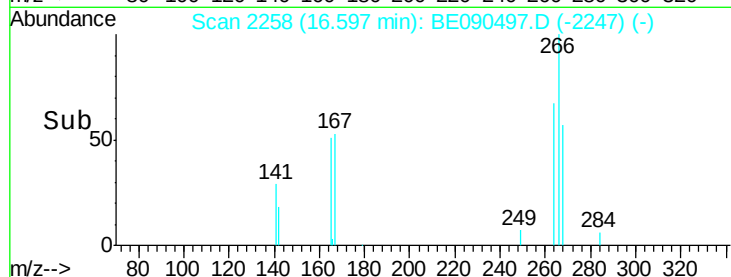
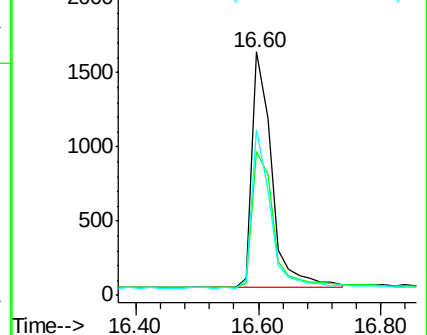
264 68.0 56.0 84.0



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



#22

Phenanthrene

Concen: 1.05 ng

RT: 16.98 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE090497.D

Acq: 13 Aug 2015 9:11

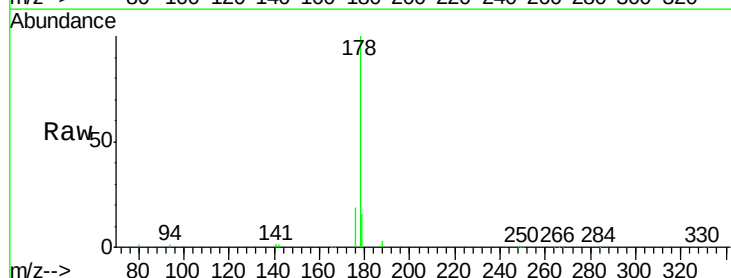
Tgt Ion:178 Resp: 40791

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

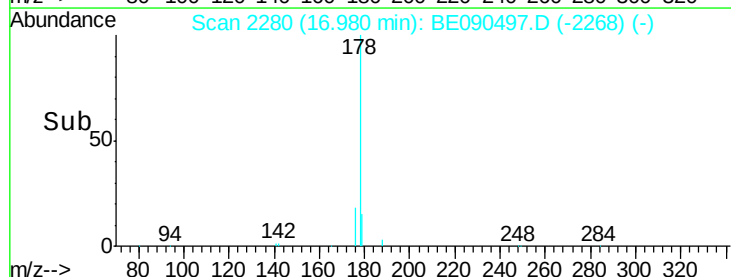
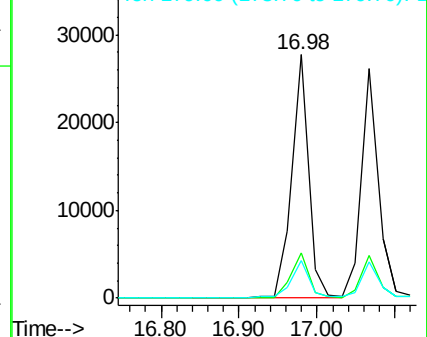
179 15.5 12.5 18.7

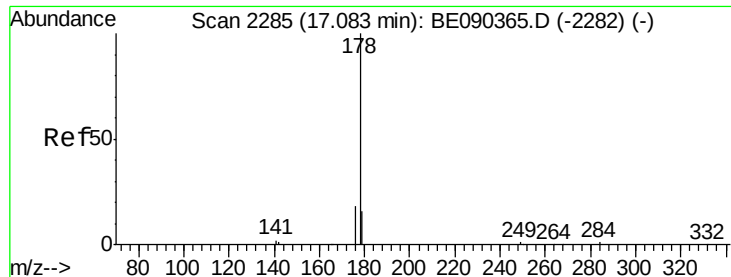


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 1.23 ng

RT: 17.07 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BE090497.D

Acq: 13 Aug 2015 9:11

Instrument :

BNA_E

ClientSampleId :

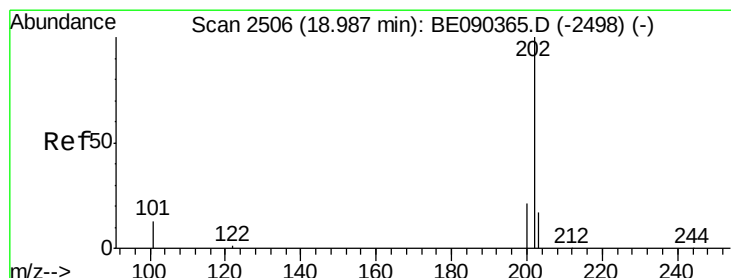
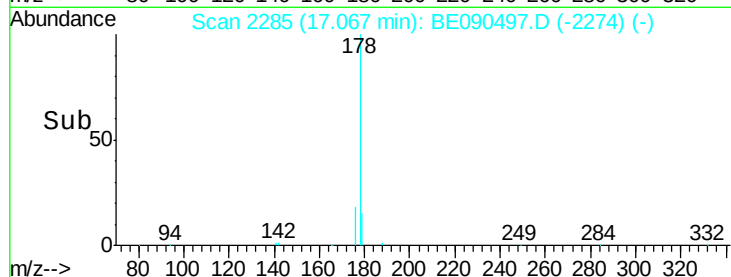
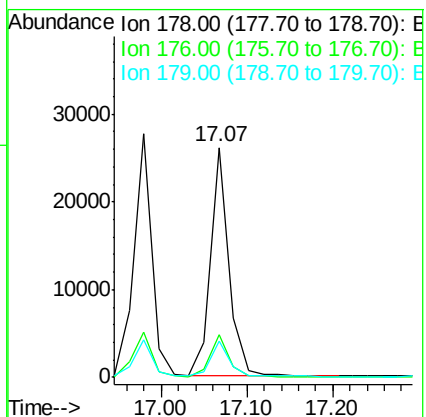
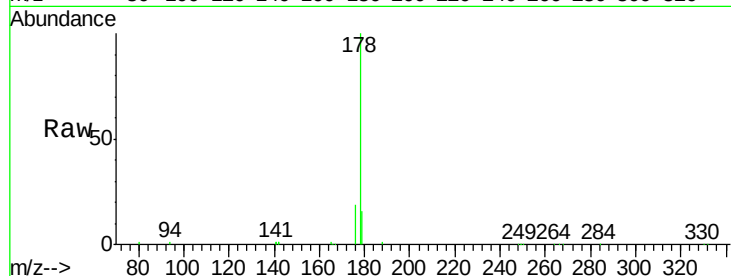
Tot Ion:178 Resp: 39287

Ion Ratio Lower Upper

178 100

176 18.3 14.9 22.3

179 15.3 12.2 18.4



#24

Fluoranthene

Concen: 1.21 ng

RT: 18.98 min Scan# 2506

Delta R.T. -0.01 min

Lab File: BE090497.D

Acq: 13 Aug 2015 9:11

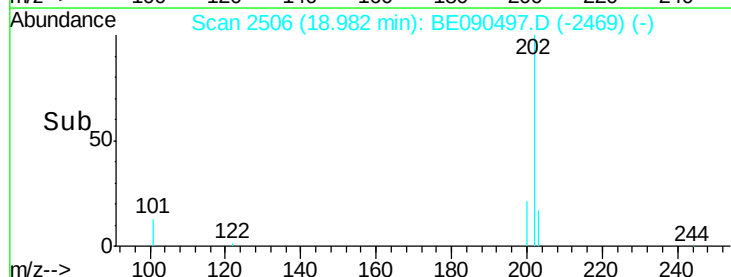
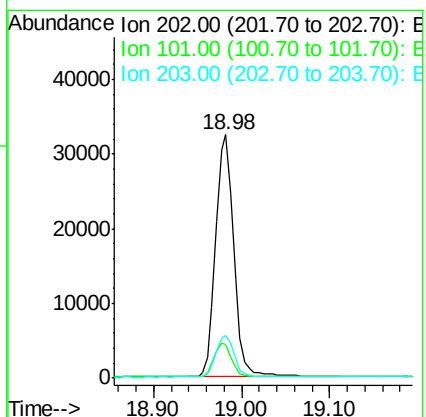
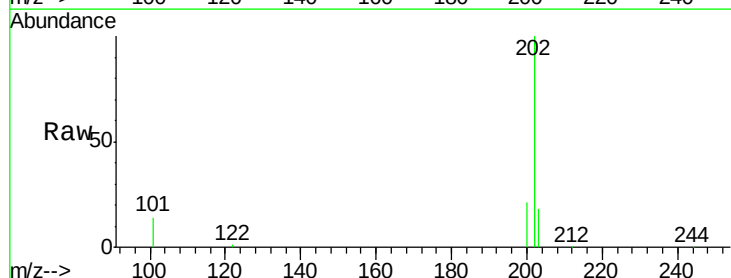
Tgt Ion:202 Resp: 46631

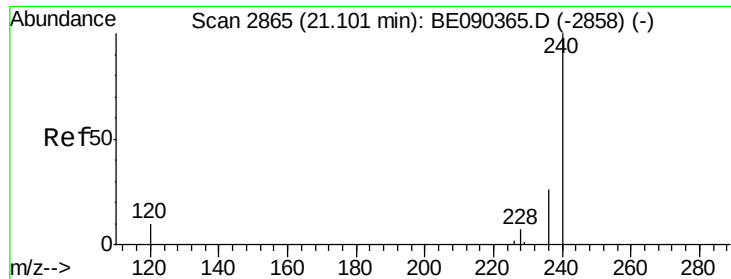
Ion Ratio Lower Upper

202 100

101 13.7 10.3 15.5

203 17.4 13.7 20.5





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BE090497.D

Acq: 13 Aug 2015 9:11

Instrument :

BNA_E

ClientSampleId :

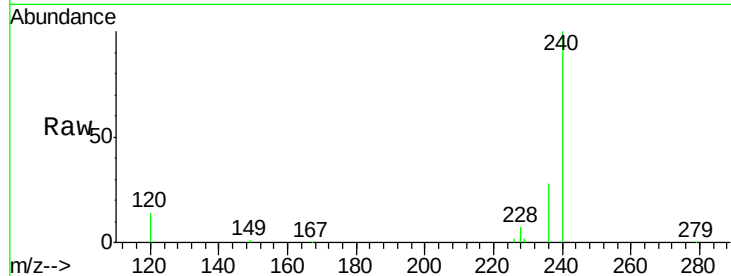
Tot Ion:240 Resp: 176951

Ion Ratio Lower Upper

240 100

120 13.6 8.3 12.5#

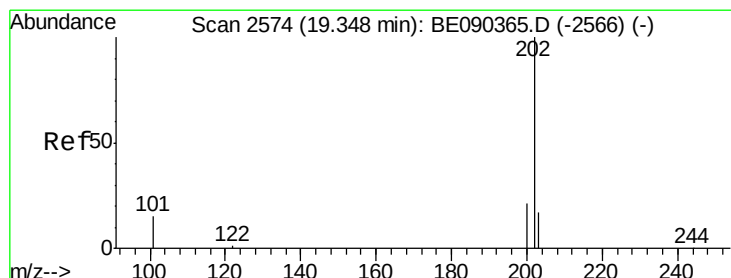
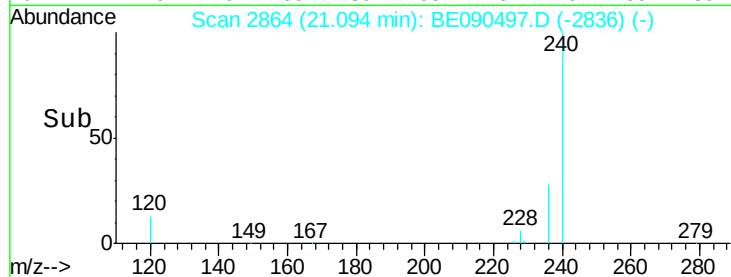
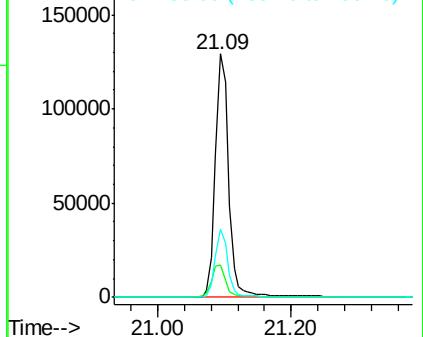
236 28.0 21.0 31.4



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: 1.26 ng

RT: 19.34 min Scan# 2574

Delta R.T. -0.01 min

Lab File: BE090497.D

Acq: 13 Aug 2015 9:11

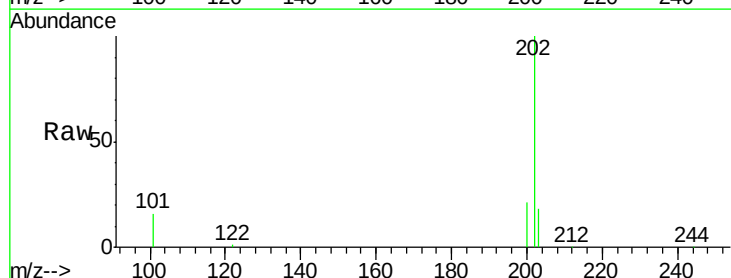
Tgt Ion:202 Resp: 48353

Ion Ratio Lower Upper

202 100

200 21.1 16.7 25.1

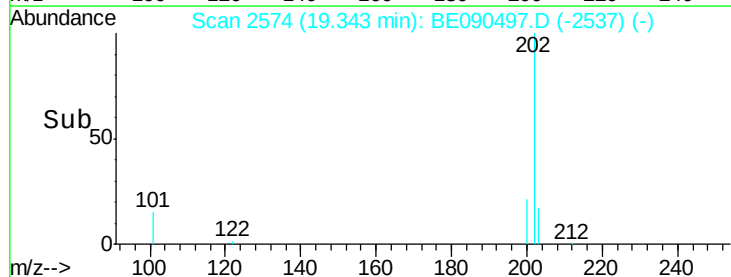
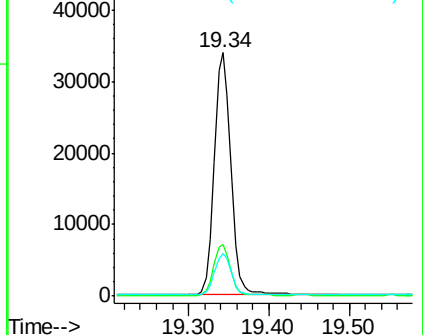
203 17.3 13.8 20.8

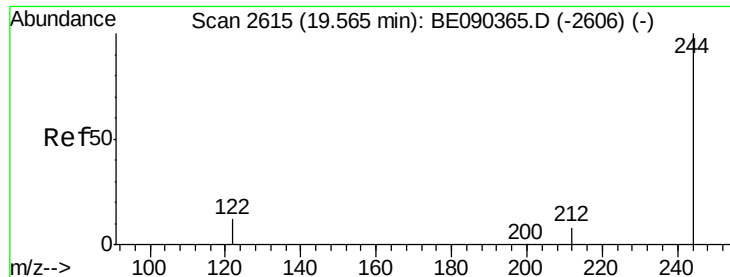


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

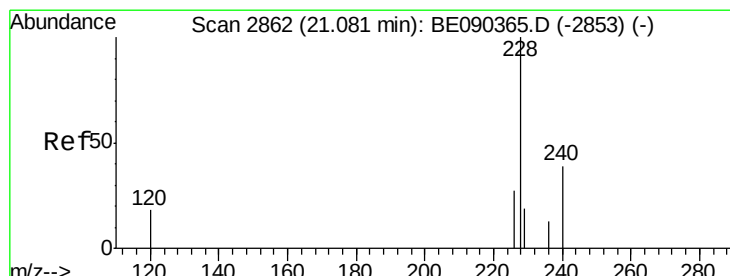
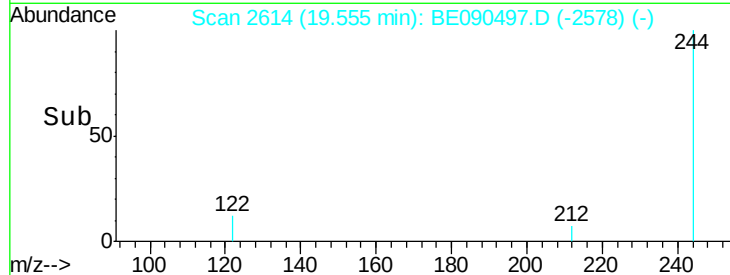
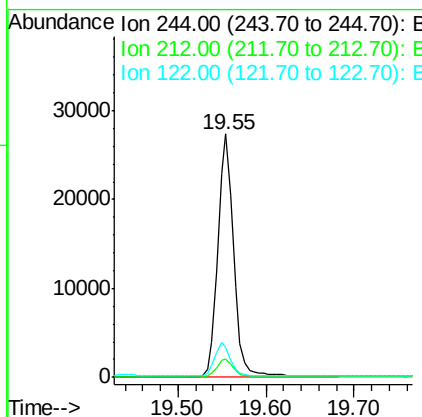
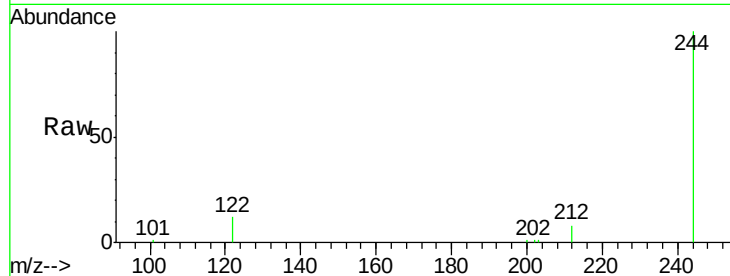




#27
 Terphenyl-d14
 Concen: 1.30 ng
 RT: 19.55 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BE090497.D
 Acq: 13 Aug 2015 9:11

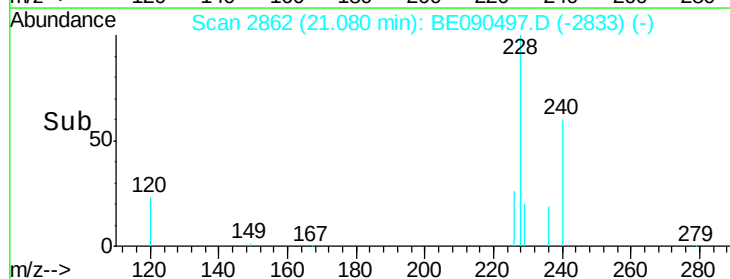
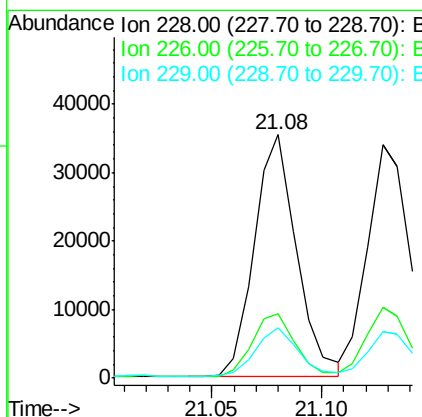
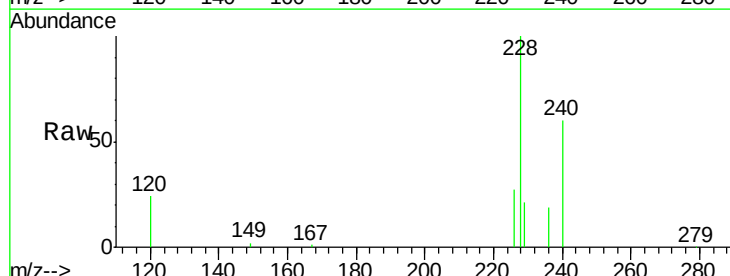
Instrument :
 BNA_E
 ClientSampled :

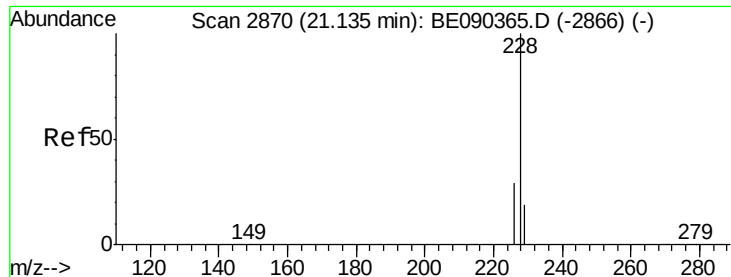
Tot Ion:244 Resp: 33937
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.6 9.8
 122 12.2 10.2 15.4



#28
 Benzo(a)anthracene
 Concen: 1.20 ng
 RT: 21.08 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: BE090497.D
 Acq: 13 Aug 2015 9:11

Tgt Ion:228 Resp: 47057
 Ion Ratio Lower Upper
 228 100
 226 26.6 21.9 32.9
 229 20.9 15.4 23.0





#29

Chrysene

Concen: 1.01 ng

RT: 21.13 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BE090497.D

Acq: 13 Aug 2015 9:11

Instrument :

BNA_E

ClientSampleId :

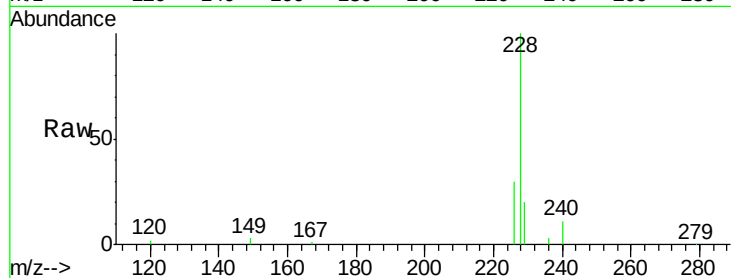
Tot Ion:228 Resp: 47992

Ion Ratio Lower Upper

228 100

226 30.4 23.1 34.7

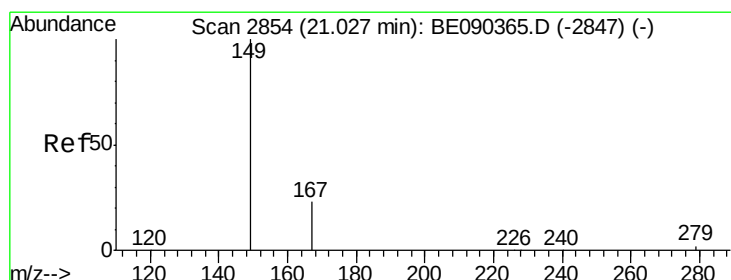
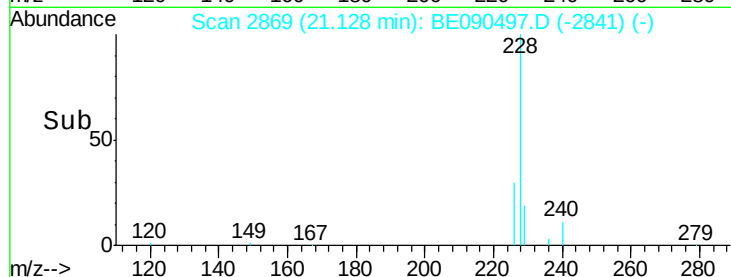
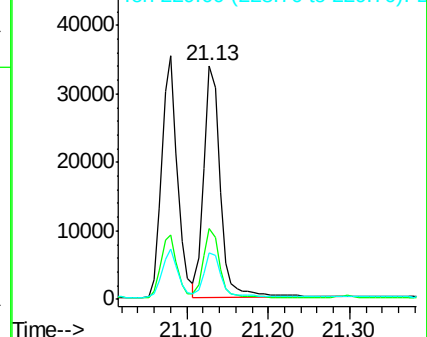
229 19.9 15.8 23.8



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: 2.73 ng

RT: 21.03 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BE090497.D

Acq: 13 Aug 2015 9:11

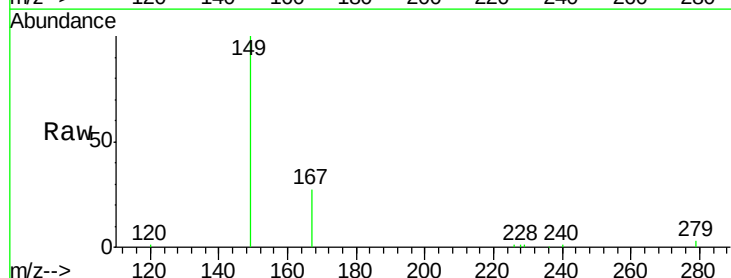
Tgt Ion:149 Resp: 31534

Ion Ratio Lower Upper

149 100

167 26.5 19.8 29.8

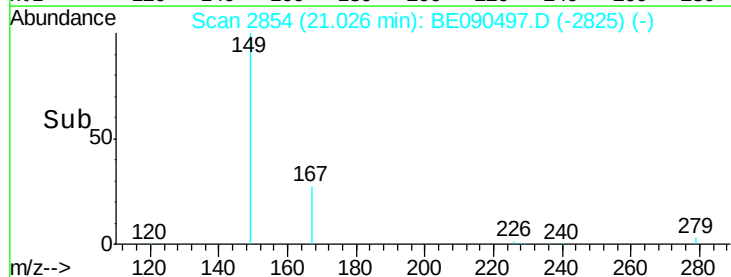
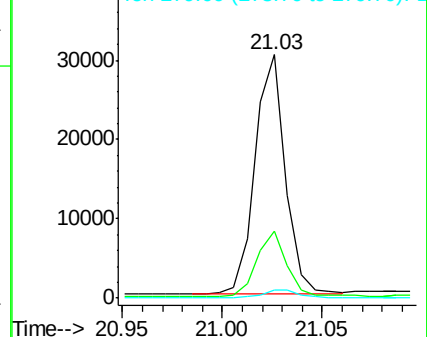
279 3.3 2.4 3.6

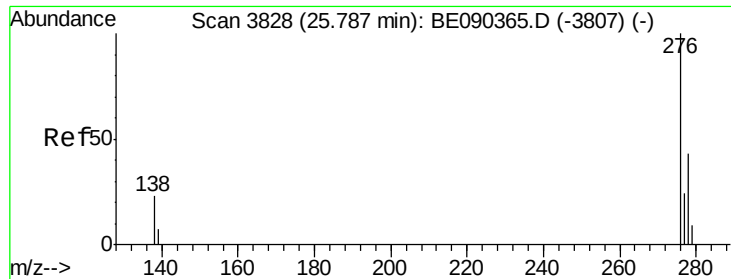


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

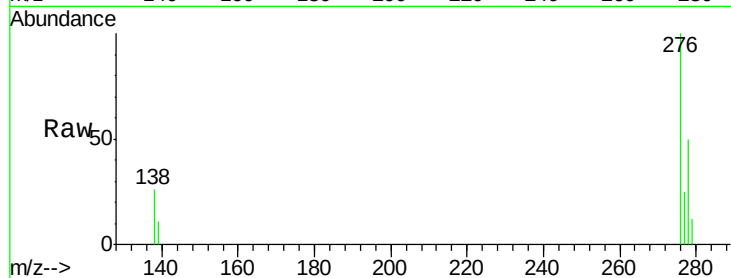




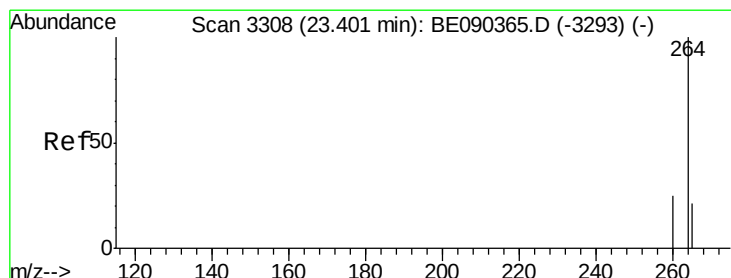
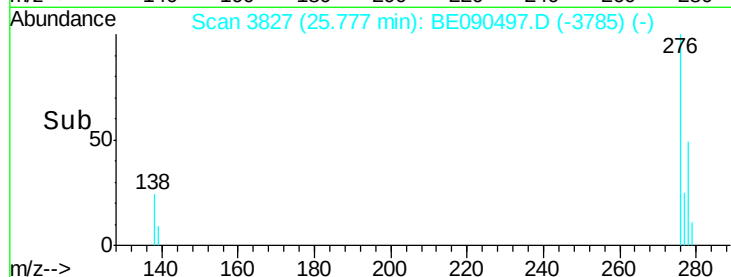
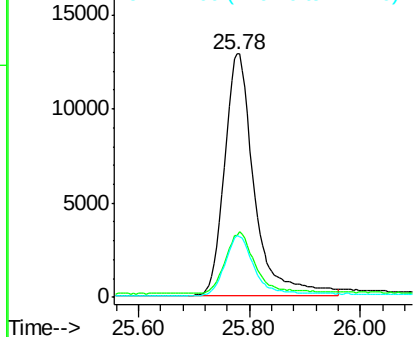
#31
 Indeno(1,2,3-cd)pyrene
 Concen: 1.30 ng
 RT: 25.78 min Scan# 3827
 Delta R.T. -0.01 min
 Lab File: BE090497.D
 Acq: 13 Aug 2015 9:11

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 47411
 Ion Ratio Lower Upper
 276 100
 138 25.7 18.8 28.2
 277 24.7 18.2 27.4

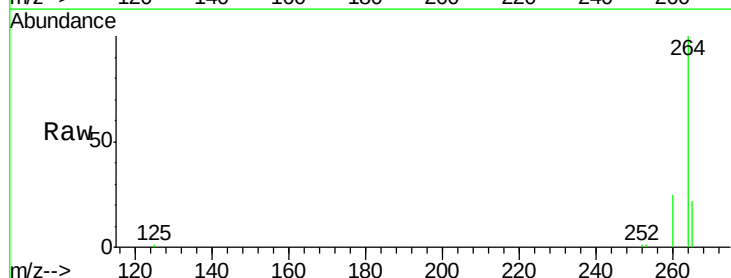


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

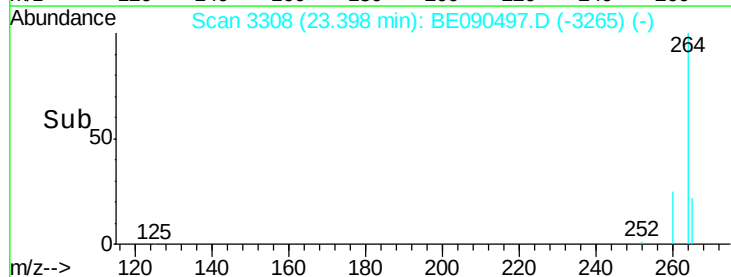
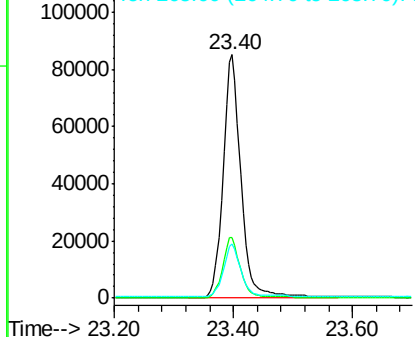


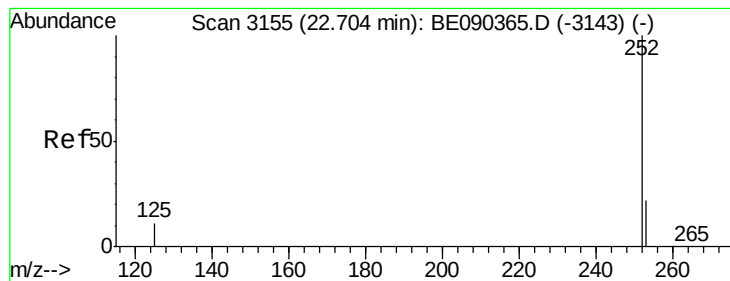
#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.40 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: BE090497.D
 Acq: 13 Aug 2015 9:11

Tgt Ion:264 Resp: 177413
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.1 30.1
 265 22.2 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: 1.16 ng

RT: 22.70 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BE090497.D

Acq: 13 Aug 2015 9:11

Instrument :

BNA_E

ClientSampleId :

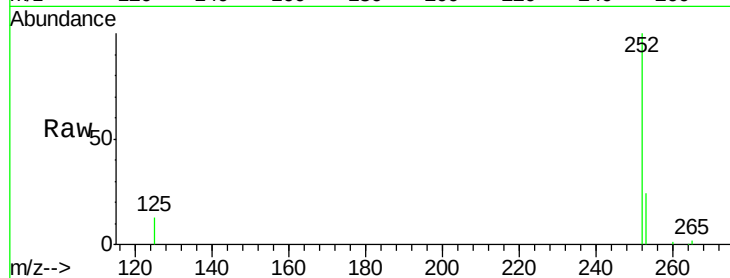
Tot Ion:252 Resp: 40436

Ion Ratio Lower Upper

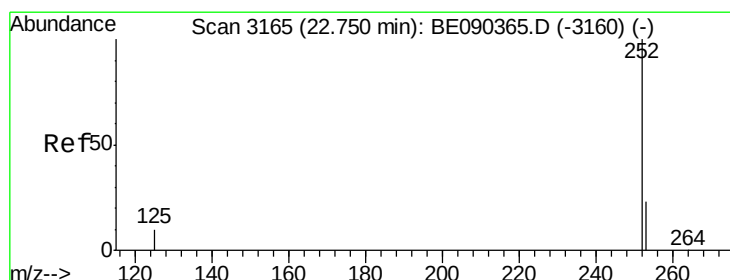
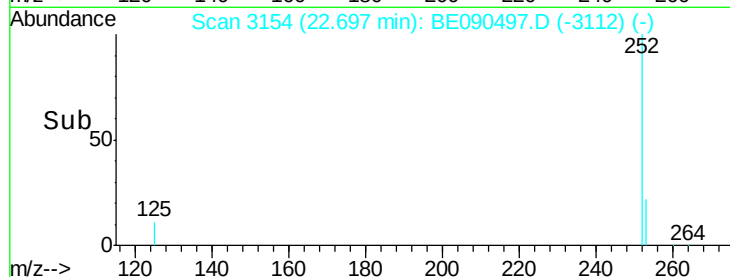
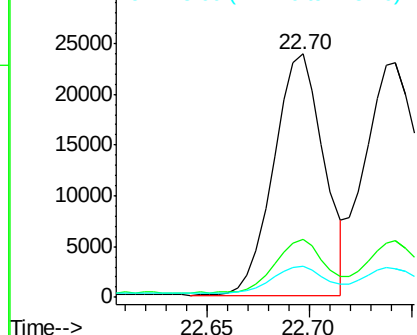
252 100

253 23.9 18.1 27.1

125 12.7 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: 0.96 ng

RT: 22.74 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BE090497.D

Acq: 13 Aug 2015 9:11

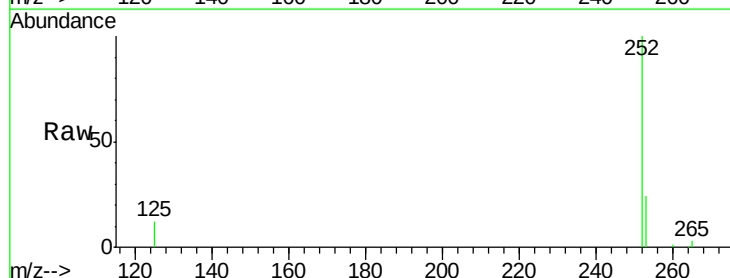
Tgt Ion:252 Resp: 47337

Ion Ratio Lower Upper

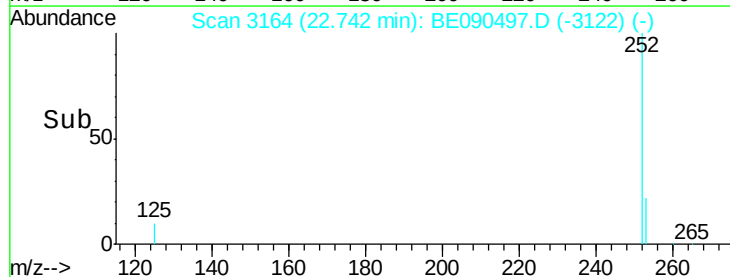
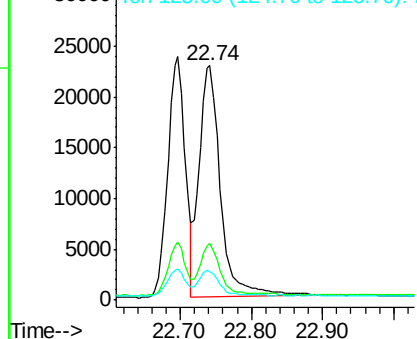
252 100

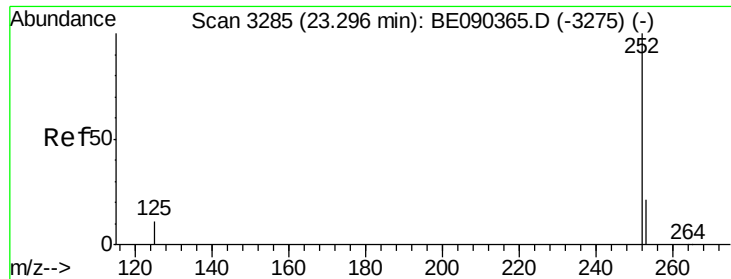
253 24.0 18.1 27.1

125 12.3 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: 1.21 ng

RT: 23.29 min Scan# 3285

Delta R.T. -0.00 min

Lab File: BE090497.D

Acq: 13 Aug 2015 9:11

Instrument :

BNA_E

ClientSampleId :

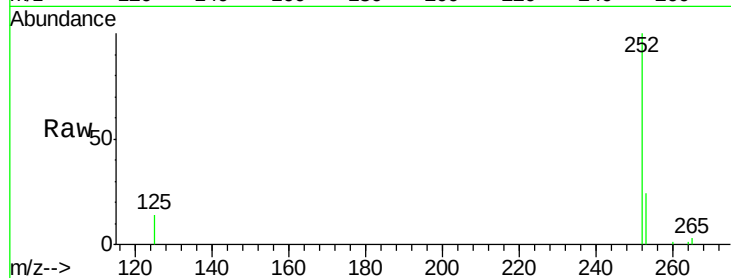
Tot Ion:252 Resp: 39262

Ion Ratio Lower Upper

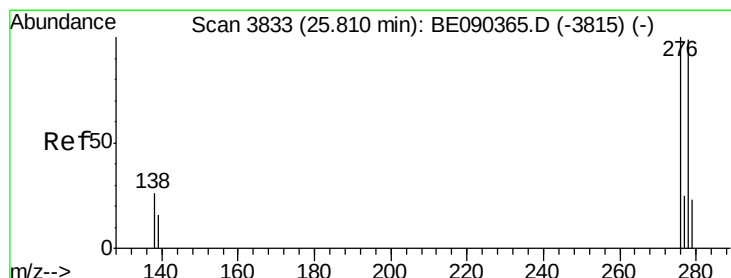
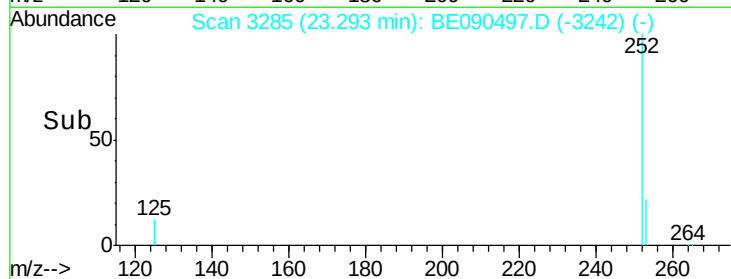
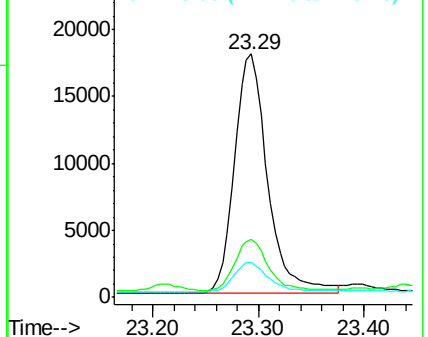
252 100

253 23.9 17.6 26.4

125 14.3 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: 1.24 ng

RT: 25.80 min Scan# 3831

Delta R.T. -0.01 min

Lab File: BE090497.D

Acq: 13 Aug 2015 9:11

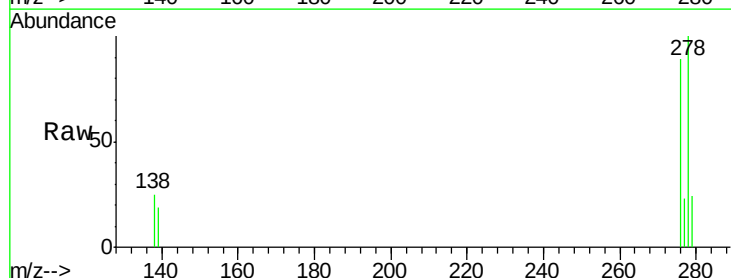
Tgt Ion:278 Resp: 37772

Ion Ratio Lower Upper

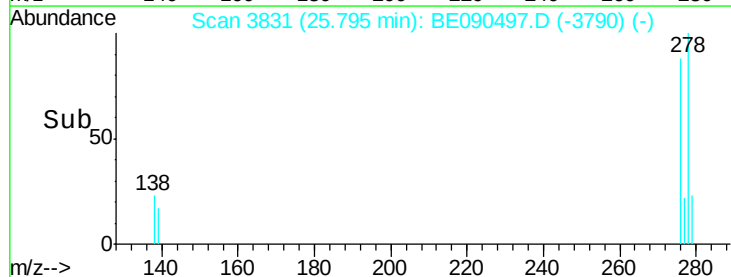
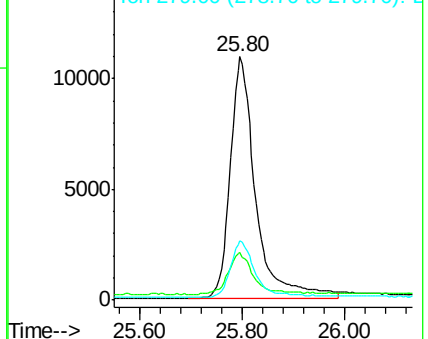
278 100

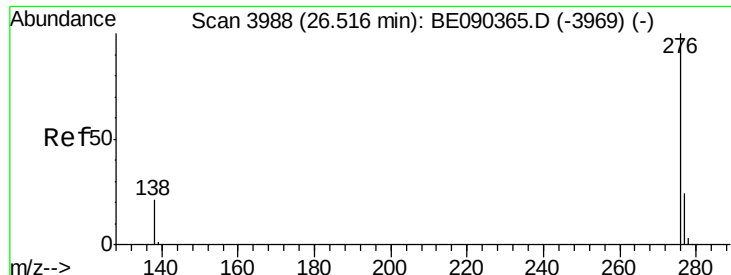
139 19.4 14.2 21.4

279 24.3 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: 1.25 ng

RT: 26.51 min Scan# 3988

Delta R.T. -0.01 min

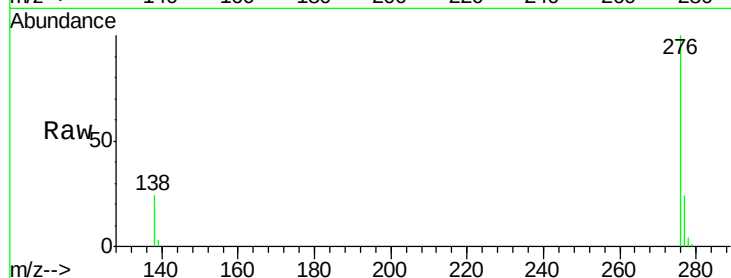
Lab File: BE090497.D

Acq: 13 Aug 2015 9:11

Instrument :

BNA_E

ClientSampleId :



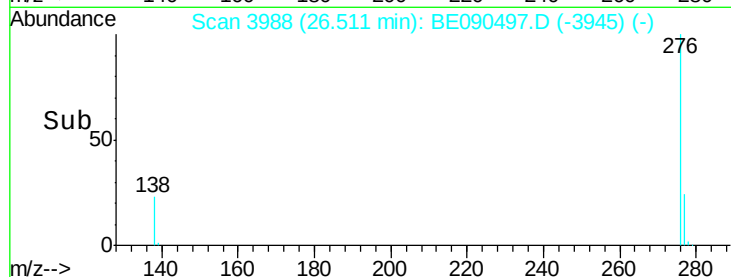
Tot Ion: 276 Resp: 41065

Ion Ratio Lower Upper

276 100

277 24.5 20.1 30.1

138 24.3 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

