

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082515\
 Data File : BE090627.D
 Acq On : 25 Aug 2015 23:23
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 26 03:28:52 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

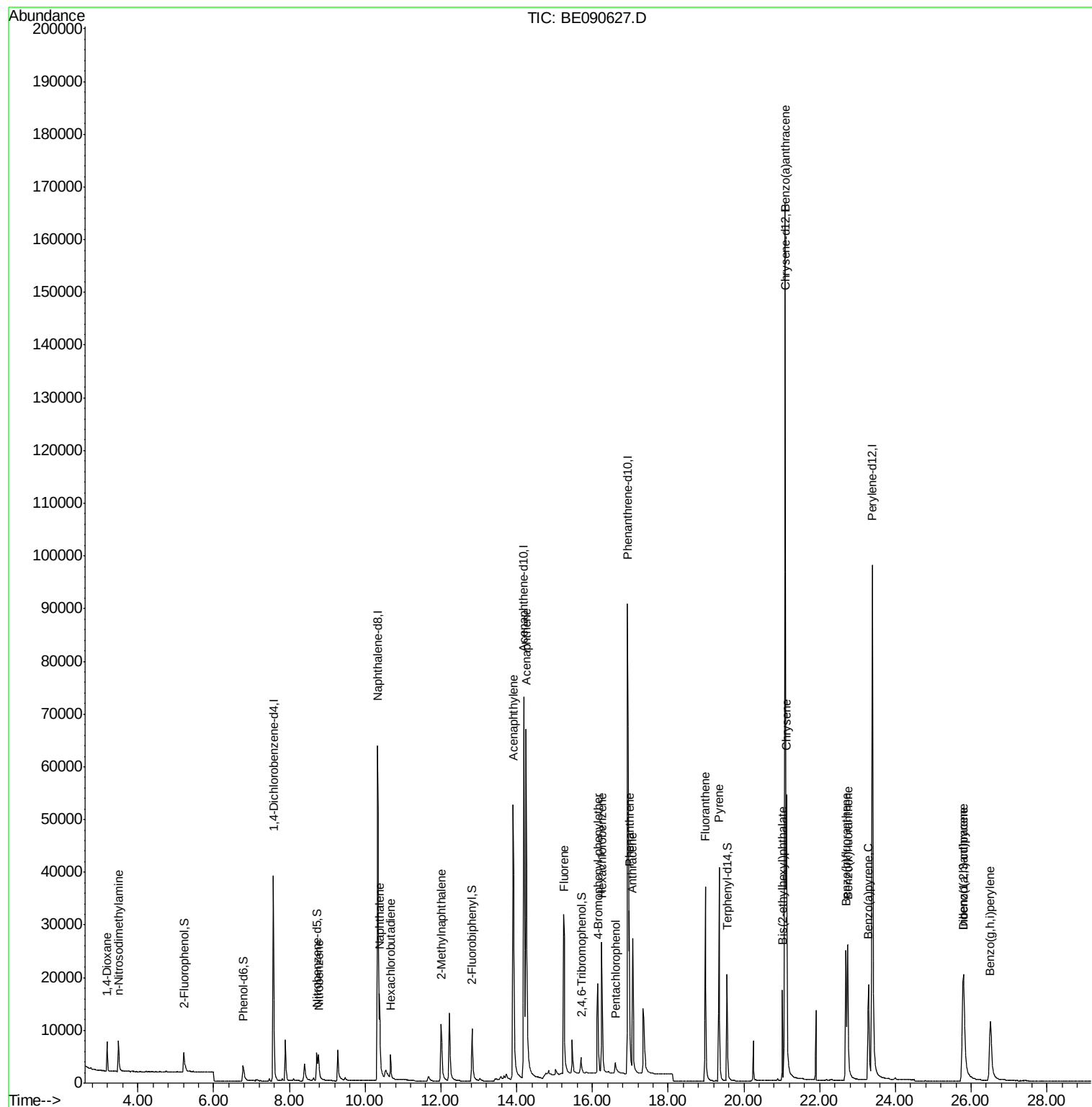
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	21831	5.00	ng	0.00
6) Naphthalene-d8	10.33	136	100049	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	57786	5.00	ng	0.00
18) Phenanthrene-d10	16.93	188	147638	5.00	ng	-0.02
25) Chrysene-d12	21.09	240	168450	5.00	ng	0.00
32) Perylene-d12	23.39	264	152622	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	4695	0.74	ng	0.00
5) Phenol-d6	6.78	99	6287	0.68	ng	0.00
7) Nitrobenzene-d5	8.73	82	7024	0.88	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	1909	0.86	ng	0.00
14) 2-Fluorobiphenyl	12.82	172	15982	0.93	ng	0.00
27) Terphenyl-d14	19.56	244	27255	0.88	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	3074	1.18	ng	97
3) n-Nitrosodimethylamine	3.49	42	3828	1.02	ng	# 79
8) Nitrobenzene	8.77	77	7308	0.88	ng	97
9) Naphthalene	10.38	128	22232	0.98	ng	99
10) Hexachlorobutadiene	10.67	225	3469	1.04	ng	99
11) 2-Methylnaphthalene	12.01	142	13731	0.93	ng	96
15) Acenaphthylene	13.91	152	98943	0.94	ng	100
16) Acenaphthene	14.25	154	15584	0.98	ng	# 81
17) Fluorene	15.26	166	20001	1.03	ng	99
19) 4-Bromophenyl-phenylether	16.14	248	5459	0.90	ng	84
20) Hexachlorobenzene	16.25	284	26011	0.97	ng	96
21) Pentachlorophenol	16.61	266	1855	0.85	ng	96
22) Phenanthrene	16.98	178	36775	0.95	ng	100
23) Anthracene	17.07	178	33501	0.94	ng	99
24) Fluoranthene	18.98	202	40714	0.99	ng	99
26) Pyrene	19.34	202	43053	0.89	ng	99
28) Benzo(a)anthracene	21.08	228	40587	0.92	ng	97
29) Chrysene	21.13	228	46737	1.03	ng	99
30) Bis(2-ethylhexyl)phthalate	21.02	149	14701	0.68	ng	99
31) Indeno(1,2,3-cd)pyrene	25.78	276	39391	0.92	ng	# 92
33) Benzo(b)fluoranthene	22.69	252	33965	0.94	ng	98
34) Benzo(k)fluoranthene	22.74	252	42573	1.04	ng	98
35) Benzo(a)pyrene	23.29	252	31986	0.95	ng	# 97
36) Dibenzo(a,h)anthracene	25.80	278	29714	0.91	ng	96
37) Benzo(g,h,i)perylene	26.51	276	33229	0.93	ng	96

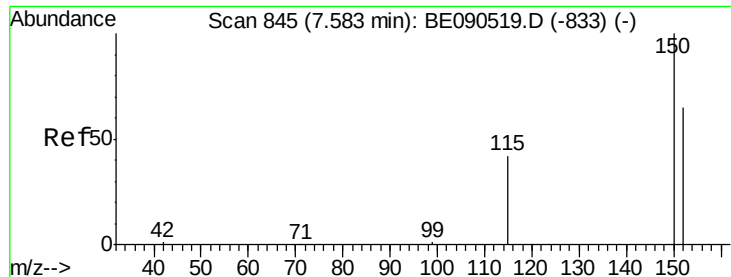
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 26 03:28:52 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
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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: BE090627.D

Acq: 25 Aug 2015 23:23

Instrument :

BNA_E

ClientSampleId :

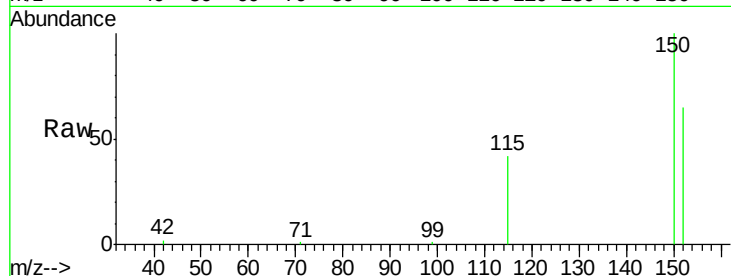
Tot Ion:152 Resp: 21831

Ion Ratio Lower Upper

152 100

150 154.7 123.0 184.4

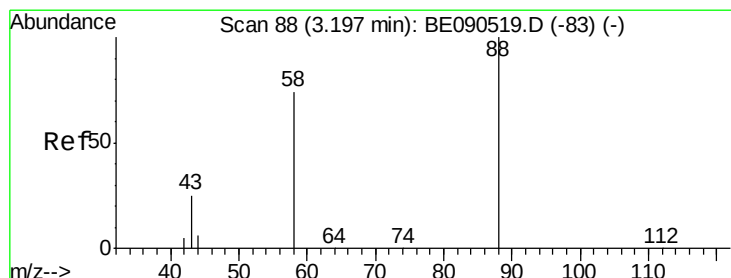
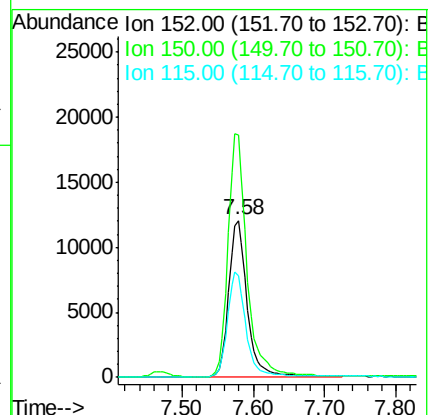
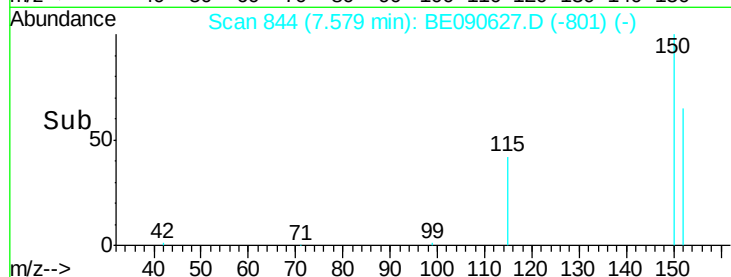
115 64.9 48.9 73.3



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: 1.18 ng

RT: 3.19 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE090627.D

Acq: 25 Aug 2015 23:23

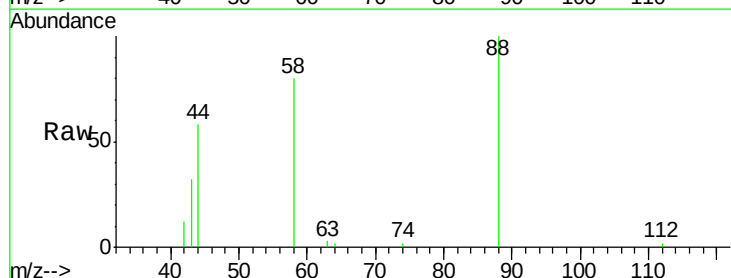
Tgt Ion: 88 Resp: 3074

Ion Ratio Lower Upper

88 100

58 85.1 70.0 105.0

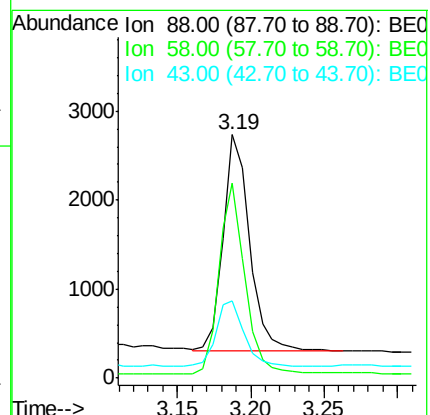
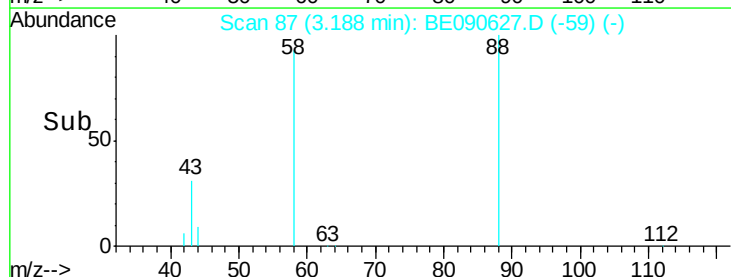
43 32.3 28.4 42.6

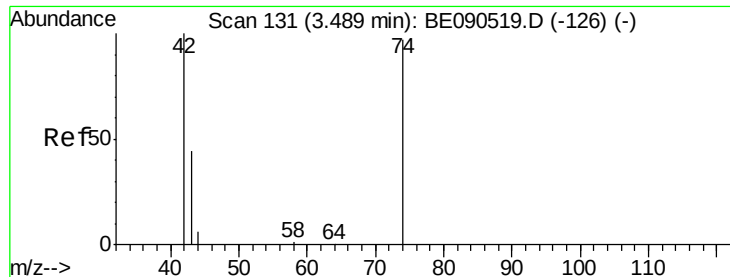


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.02 ng

RT: 3.49 min Scan# 131

Delta R.T. -0.00 min

Lab File: BE090627.D

Acq: 25 Aug 2015 23:23

Instrument :

BNA_E

ClientSampleId :

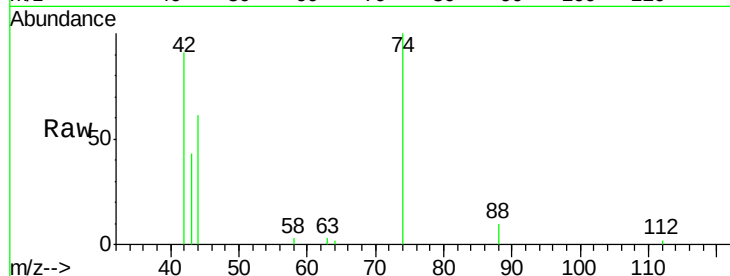
Tot Ion: 42 Resp: 3828

Ion Ratio Lower Upper

42 100

74 116.3 75.2 112.8#

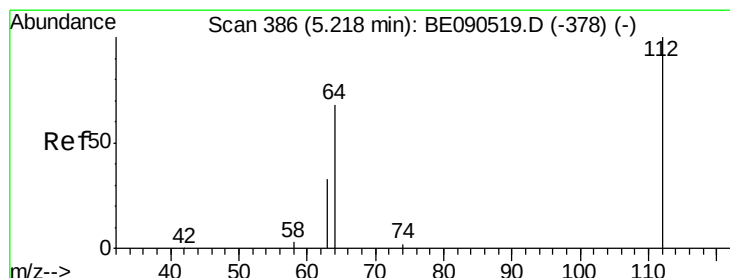
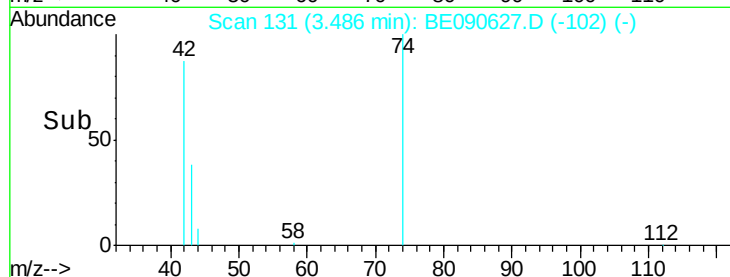
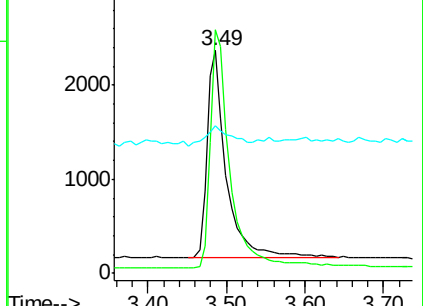
44 13.4 8.7 13.1#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.74 ng

RT: 5.22 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE090627.D

Acq: 25 Aug 2015 23:23

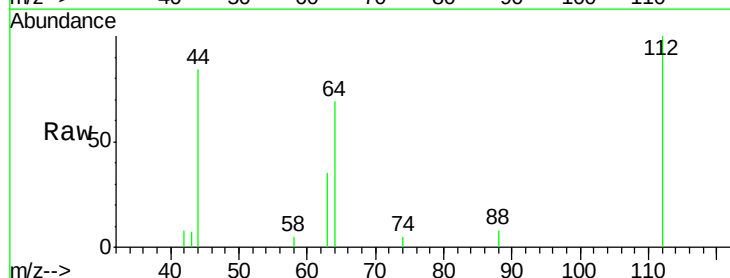
Tgt Ion: 112 Resp: 4695

Ion Ratio Lower Upper

112 100

64 71.7 37.1 55.7#

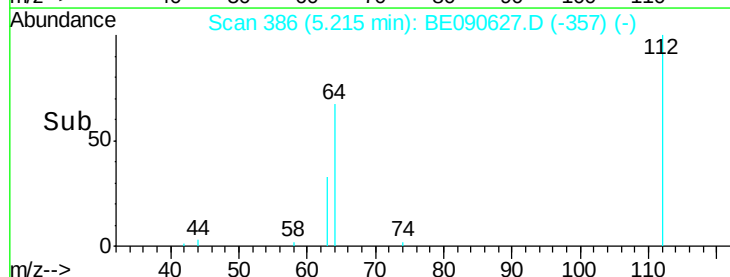
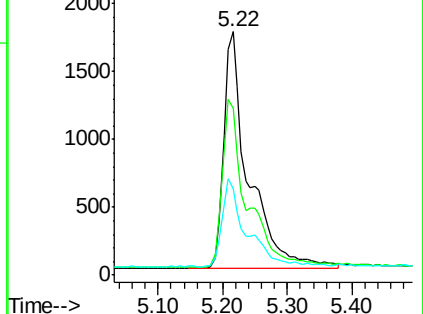
63 36.5 19.5 29.3#

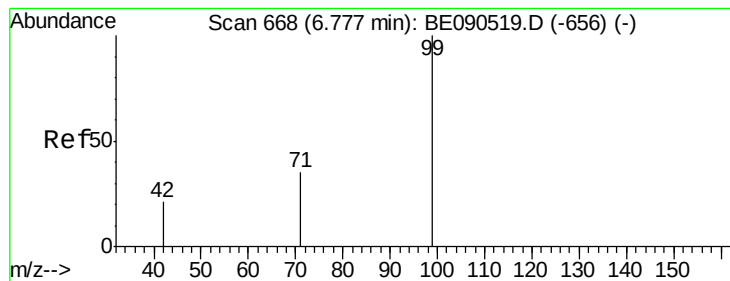


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.68 ng

RT: 6.78 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE090627.D

Acq: 25 Aug 2015 23:23

Instrument :

BNA_E

ClientSampled :

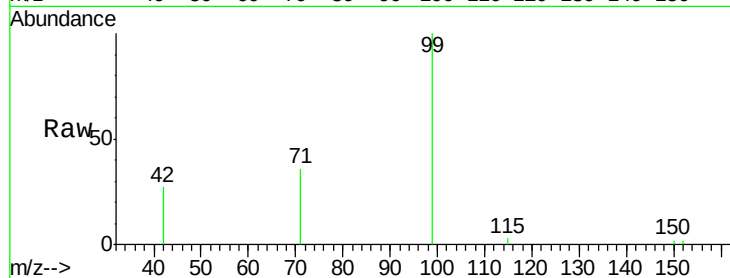
Tot Ion: 99 Resp: 6287

Ion Ratio Lower Upper

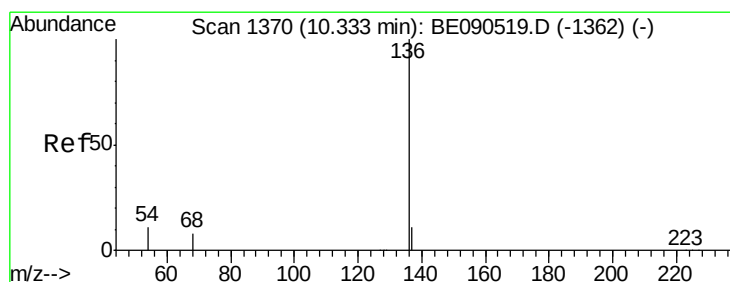
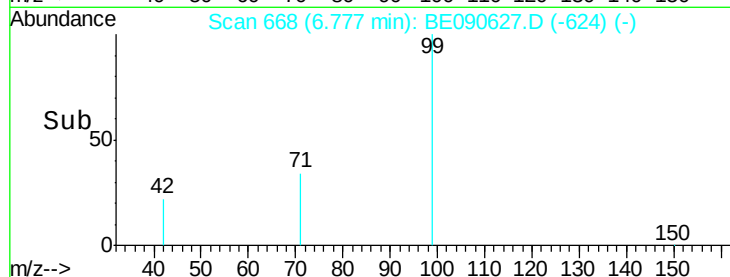
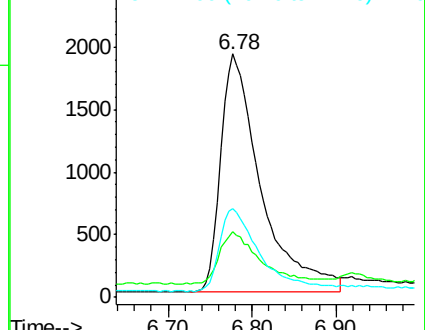
99 100

42 22.4 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: 10.33 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE090627.D

Acq: 25 Aug 2015 23:23

Tgt Ion: 136 Resp: 100049

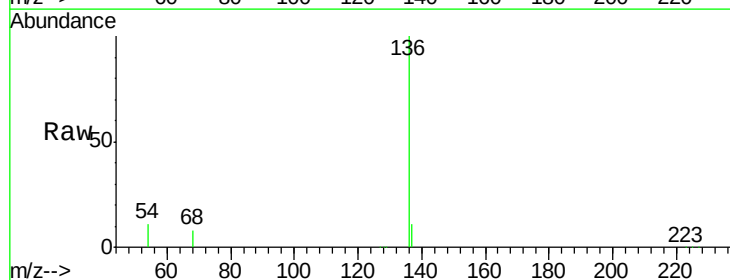
Ion Ratio Lower Upper

136 100

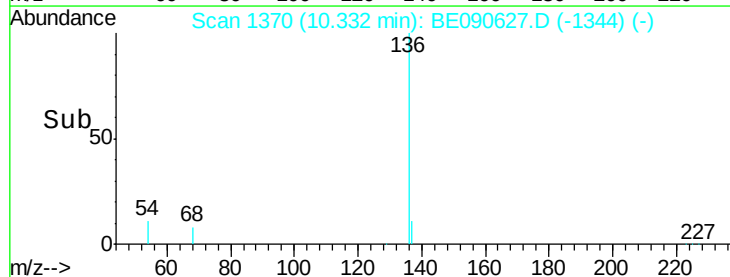
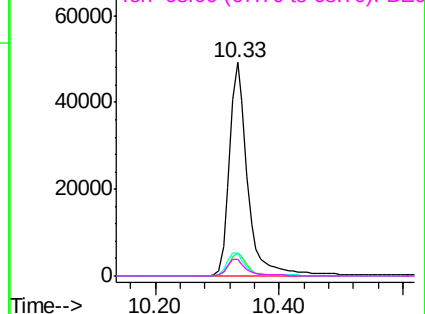
137 10.9 8.7 13.1

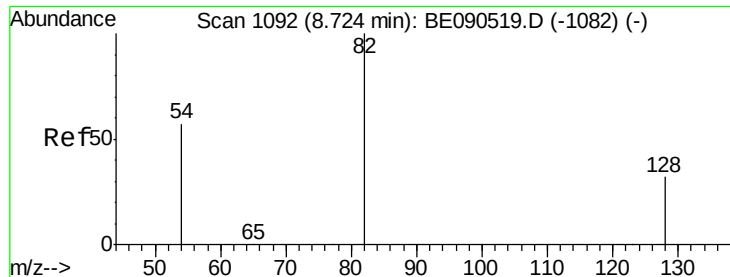
54 10.8 9.4 14.0

68 7.8 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: 0.88 ng

RT: 8.73 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE090627.D

Acq: 25 Aug 2015 23:23

Instrument :

BNA_E

ClientSampleId :

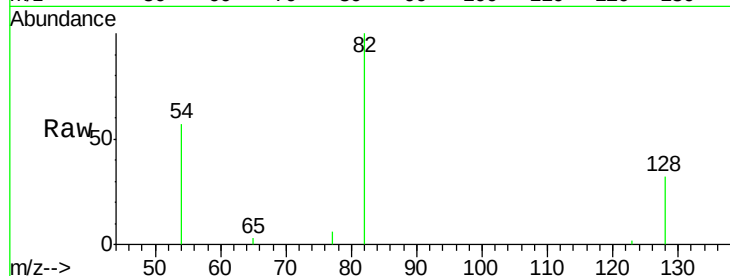
Tot Ion: 82 Resp: 7024

Ion Ratio Lower Upper

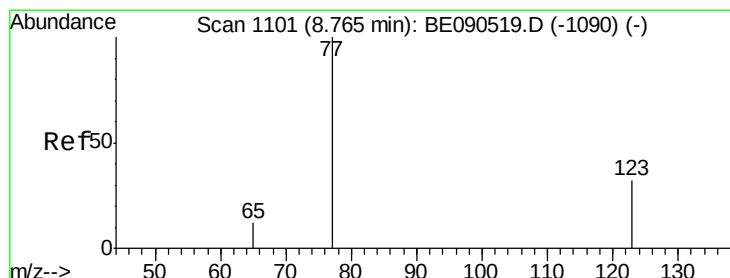
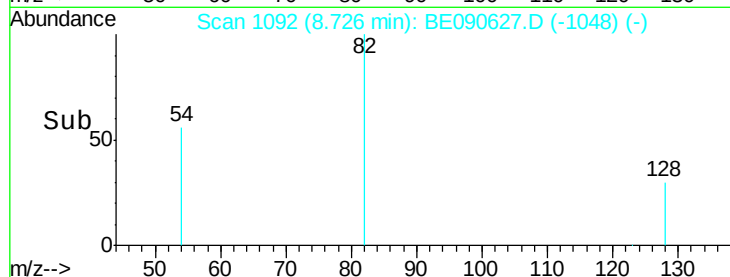
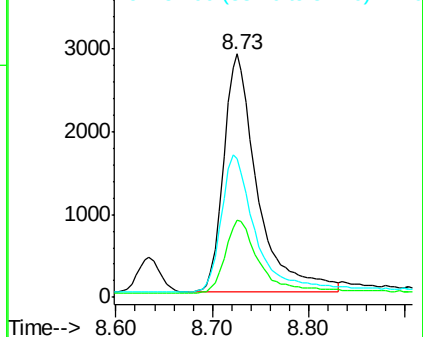
82 100

128 31.5 25.0 37.6

54 57.1 48.8 73.2



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 0.88 ng

RT: 8.77 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BE090627.D

Acq: 25 Aug 2015 23:23

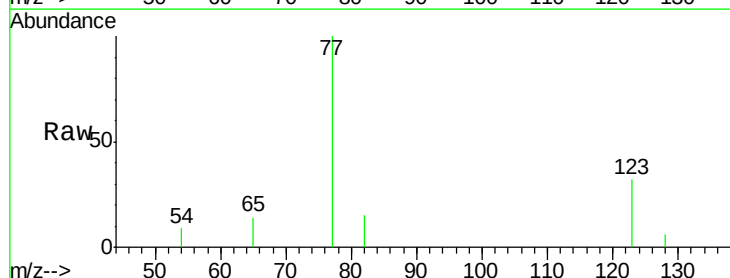
Tgt Ion: 77 Resp: 7308

Ion Ratio Lower Upper

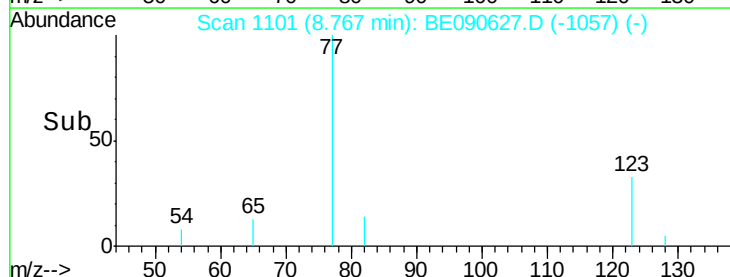
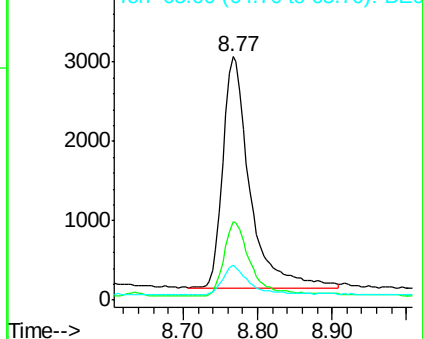
77 100

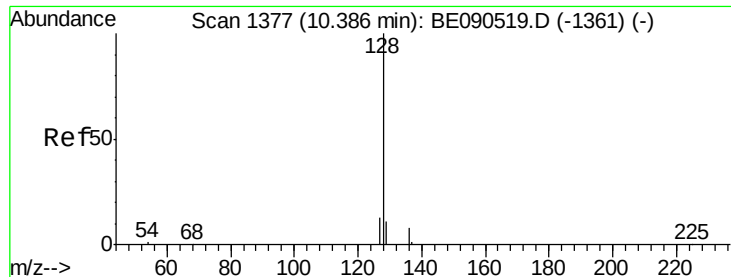
123 33.7 25.1 37.7

65 12.2 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: 0.98 ng

RT: 10.38 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BE090627.D

Acq: 25 Aug 2015 23:23

Instrument :

BNA_E

ClientSampleId :

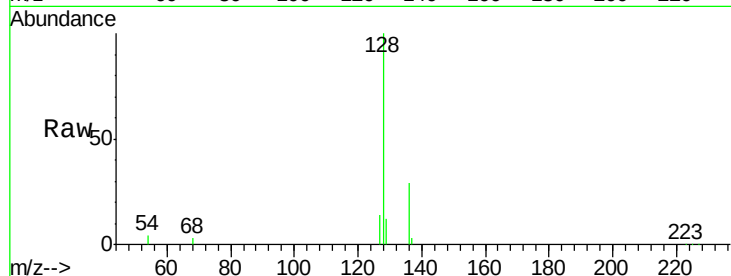
Tot Ion:128 Resp: 22232

Ion Ratio Lower Upper

128 100

129 11.5 9.8 14.6

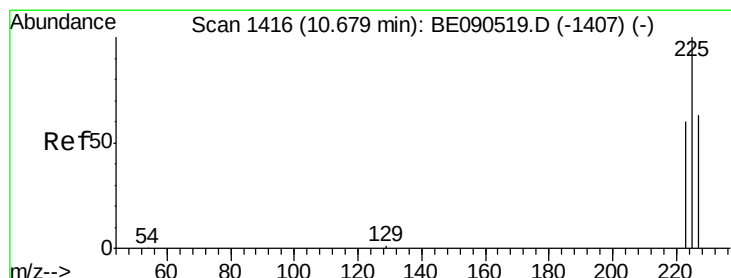
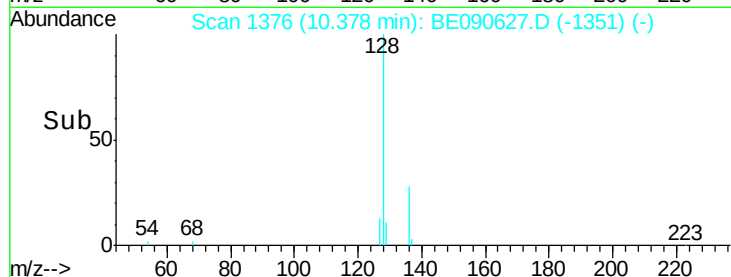
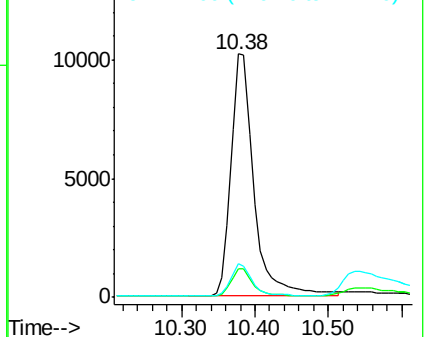
127 13.8 10.6 16.0



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: 10.67 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE090627.D

Acq: 25 Aug 2015 23:23

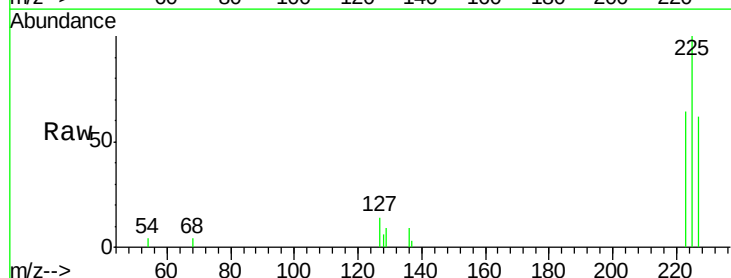
Tgt Ion:225 Resp: 3469

Ion Ratio Lower Upper

225 100

223 62.5 50.6 75.8

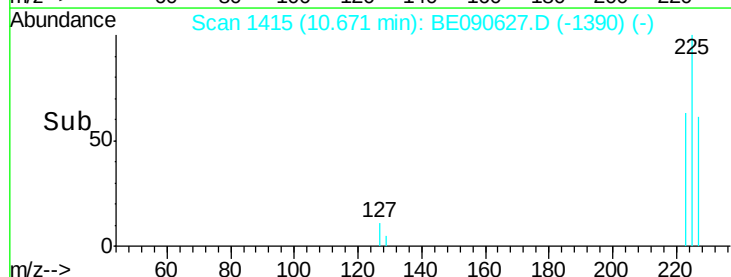
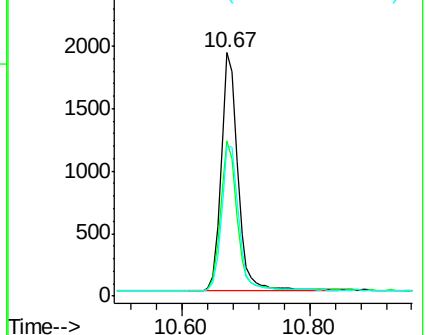
227 62.7 50.7 76.1

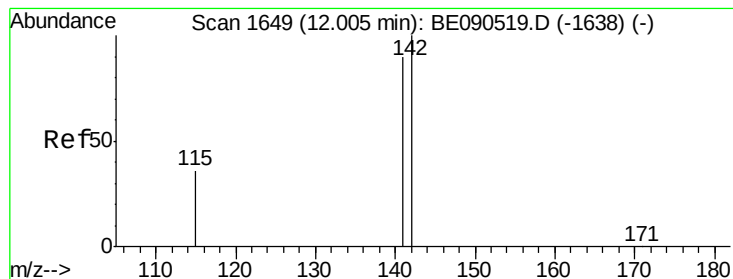


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.93 ng

RT: 12.01 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BE090627.D

Acq: 25 Aug 2015 23:23

Instrument :

BNA_E

ClientSampleId :

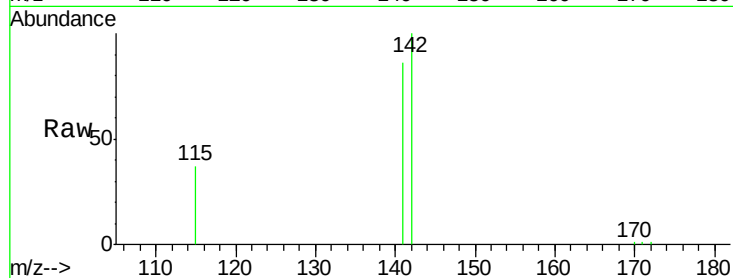
Tot Ion:142 Resp: 13731

Ion Ratio Lower Upper

142 100

141 86.5 72.6 109.0

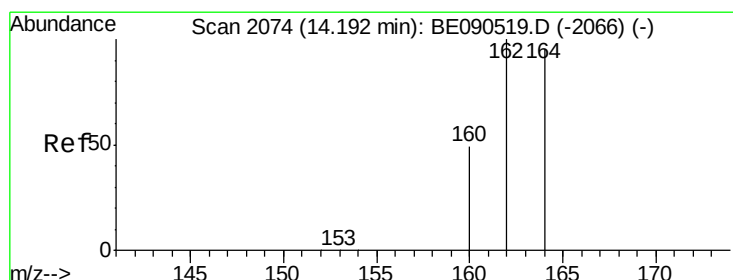
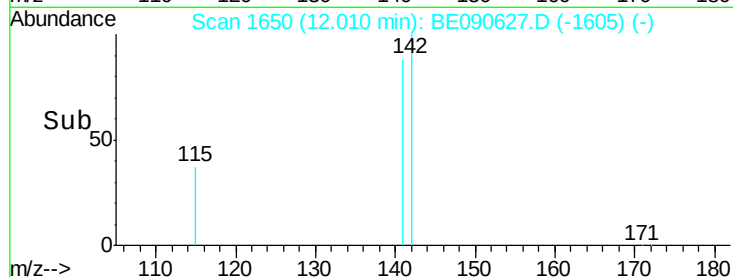
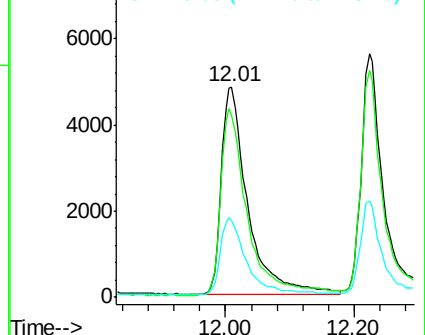
115 37.0 31.6 47.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BE090627.D

Acq: 25 Aug 2015 23:23

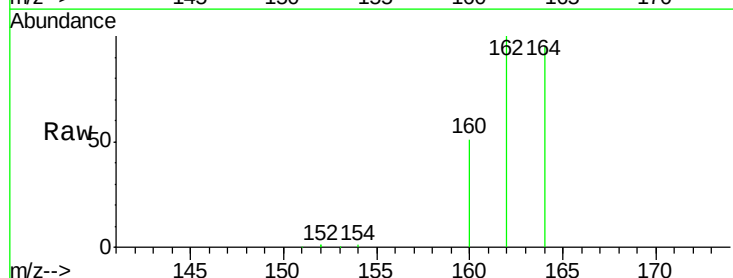
Tgt Ion:164 Resp: 57786

Ion Ratio Lower Upper

164 100

162 105.3 81.8 122.8

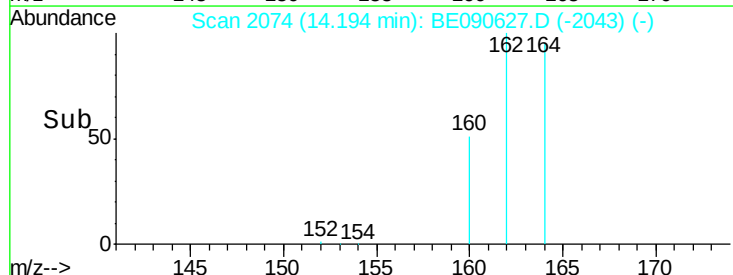
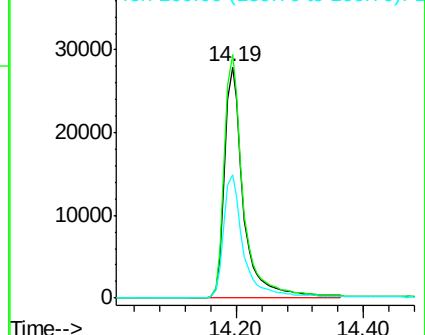
160 53.5 44.2 66.4

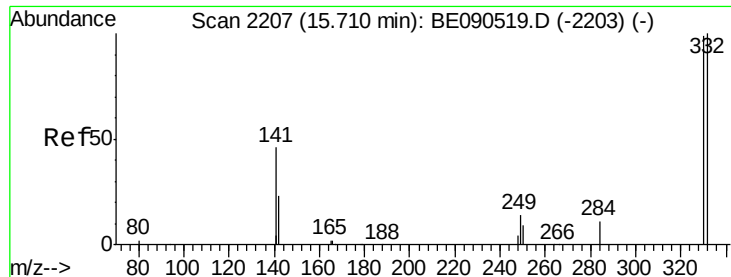


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

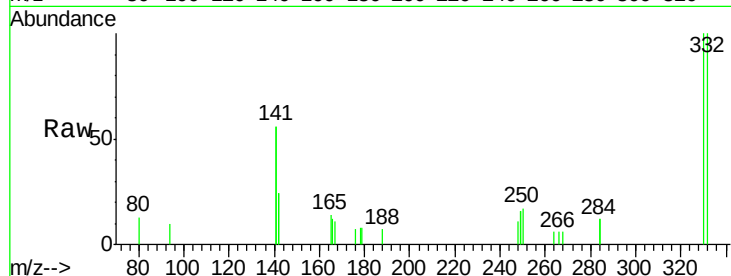




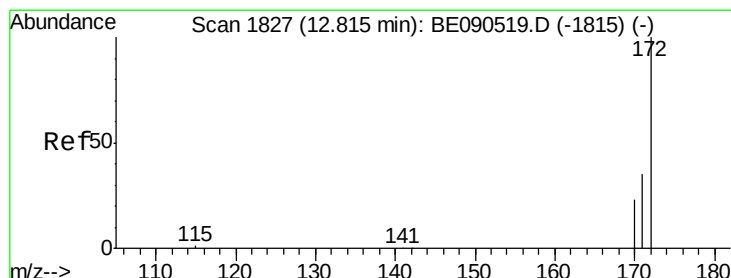
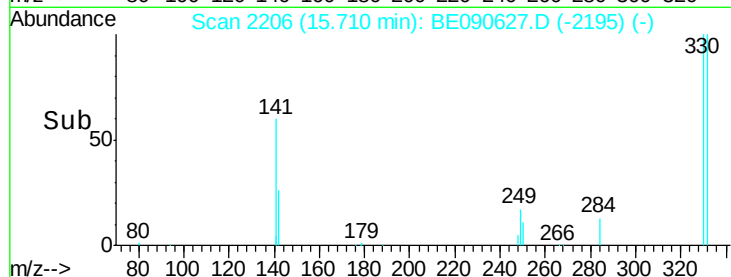
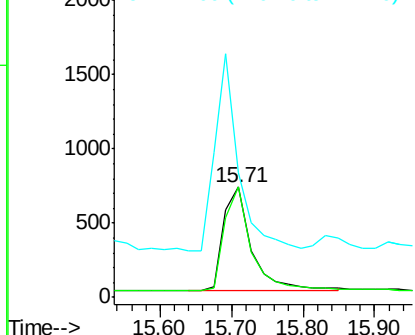
#13
 2,4,6-Tribromophenol
 Concen: 0.86 ng
 RT: 15.71 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BE090627.D
 Acq: 25 Aug 2015 23:23

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:330 Resp: 1909
 Ion Ratio Lower Upper
 330 100
 332 97.3 75.8 113.6
 141 163.2 114.4 171.6

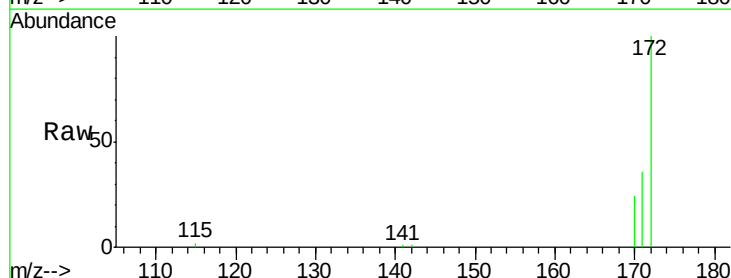


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

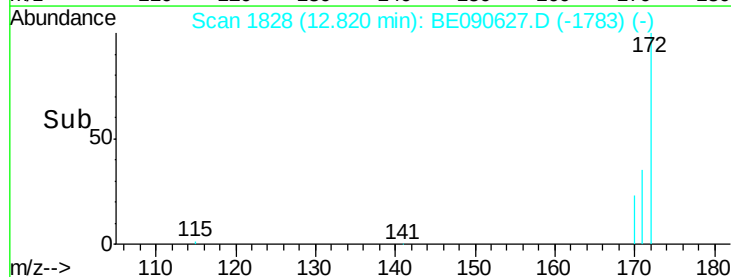
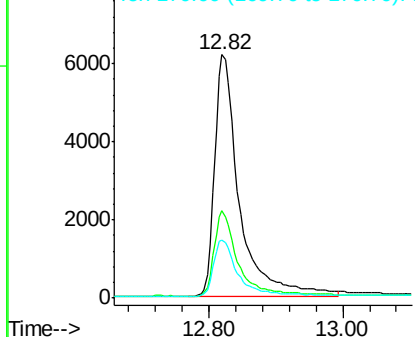


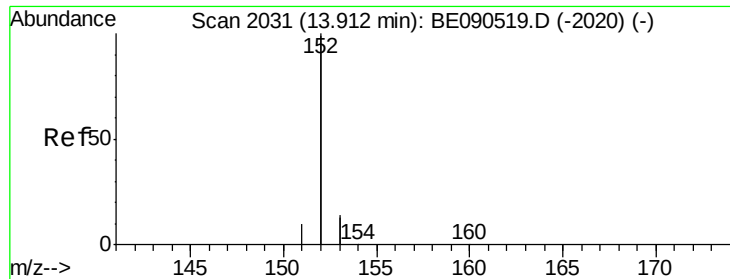
#14
 2-Fluorobiphenyl
 Concen: 0.93 ng
 RT: 12.82 min Scan# 1828
 Delta R.T. 0.00 min
 Lab File: BE090627.D
 Acq: 25 Aug 2015 23:23

Tgt Ion:172 Resp: 15982
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 23.9 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: 0.94 ng

RT: 13.91 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BE090627.D

Acq: 25 Aug 2015 23:23

Instrument :

BNA_E

ClientSampleId :

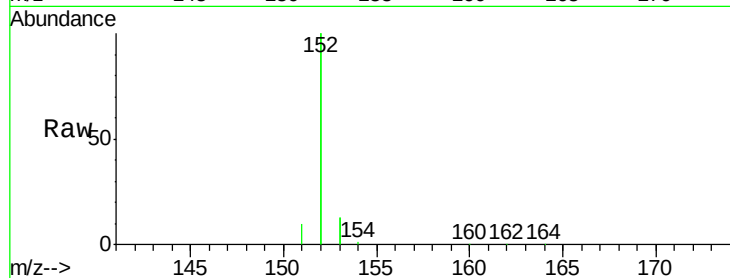
Tot Ion:152 Resp: 98943

Ion Ratio Lower Upper

152 100

151 4.8 3.8 5.8

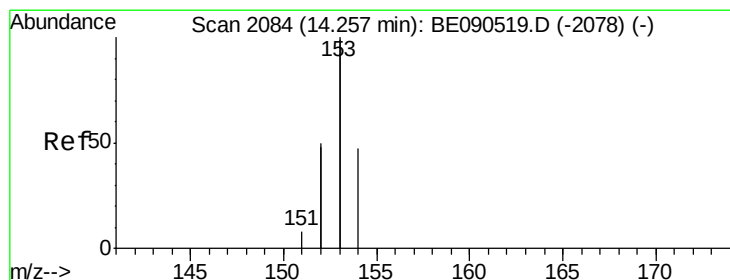
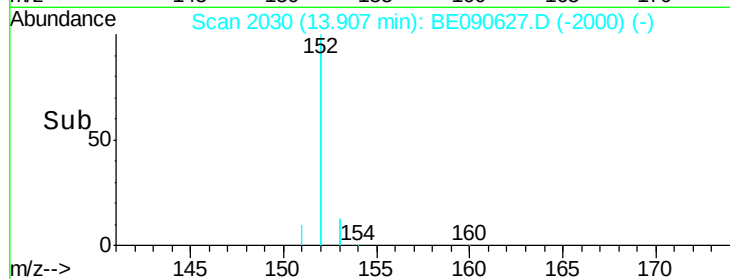
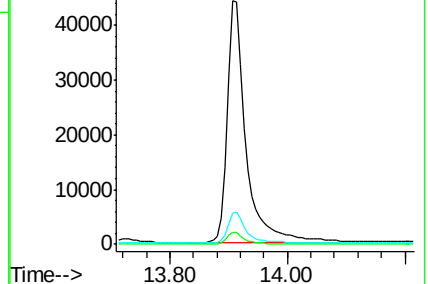
153 12.7 10.3 15.5



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: 0.98 ng

RT: 14.25 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BE090627.D

Acq: 25 Aug 2015 23:23

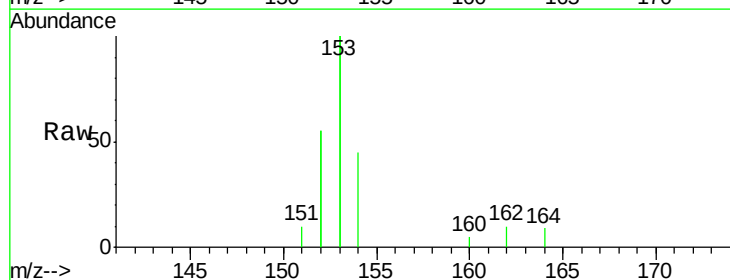
Tgt Ion:154 Resp: 15584

Ion Ratio Lower Upper

154 100

153 439.6 376.2 564.2

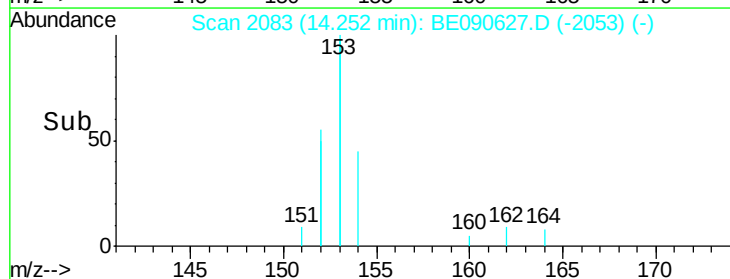
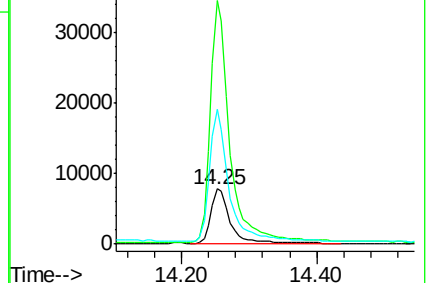
152 234.4 235.0 352.4#

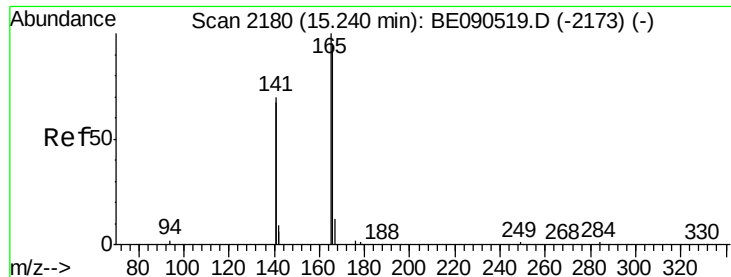


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

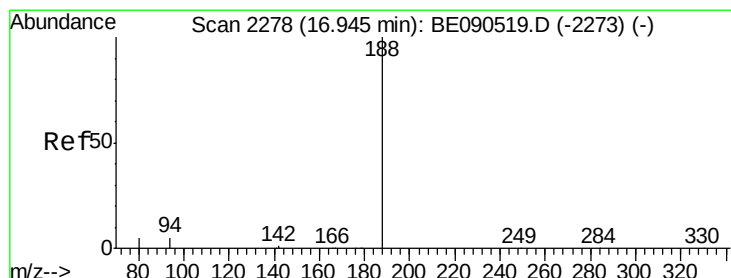
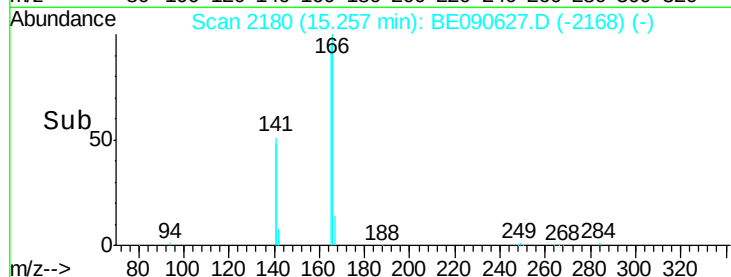
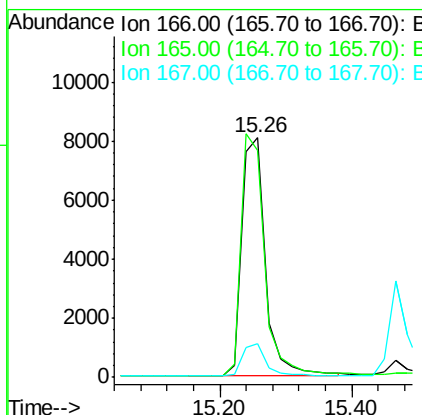
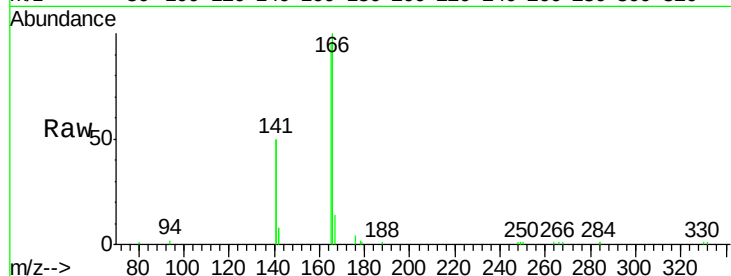




#17
Fluorene
 Concen: 1.03 ng
 RT: 15.26 min Scan# 2180
 Delta R.T. 0.02 min
 Lab File: BE090627.D
 Acq: 25 Aug 2015 23:23

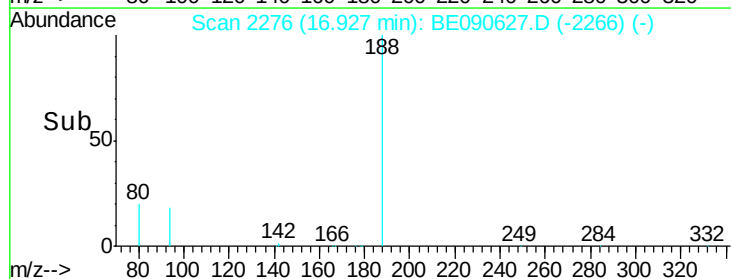
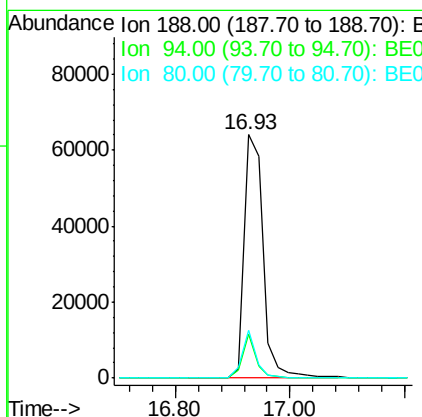
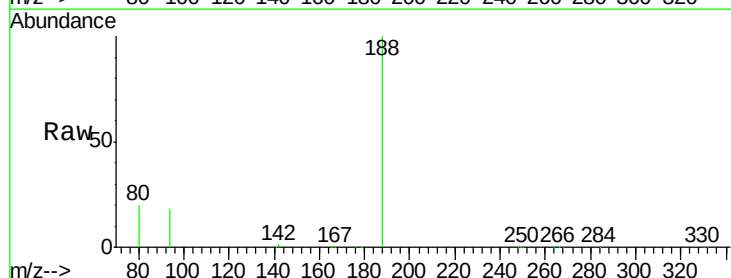
Instrument :
 BNA_E
 ClientSampleId :

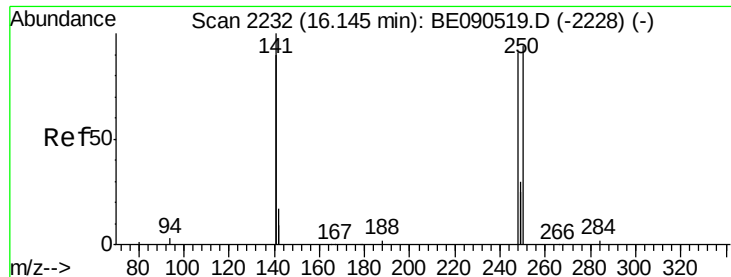
Tot Ion:166 Resp: 20001
 Ion Ratio Lower Upper
 166 100
 165 100.7 81.5 122.3
 167 13.5 11.4 17.0



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.93 min Scan# 2276
 Delta R.T. -0.02 min
 Lab File: BE090627.D
 Acq: 25 Aug 2015 23:23

Tgt Ion:188 Resp: 147638
 Ion Ratio Lower Upper
 188 100
 94 17.8 5.7 8.5#
 80 19.8 5.8 8.8#

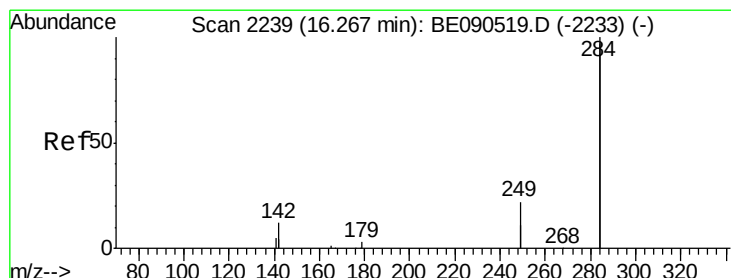
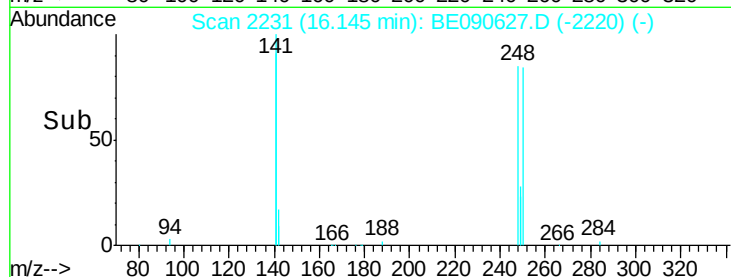
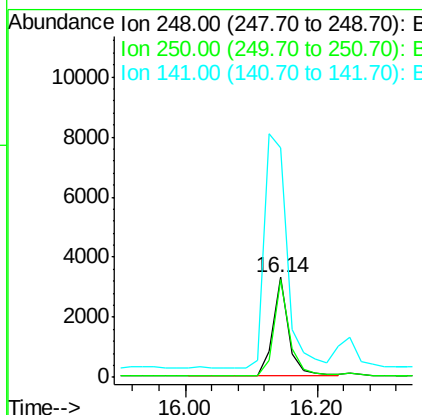
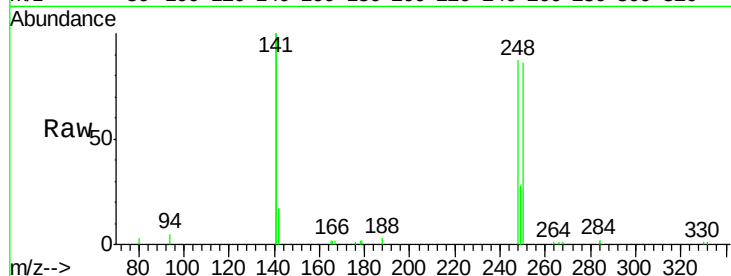




#19
4-Bromophenyl-phenylether
Concen: 0.90 ng
RT: 16.14 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BE090627.D
Acq: 25 Aug 2015 23:23

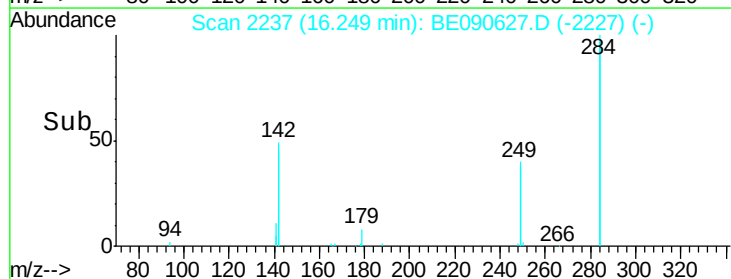
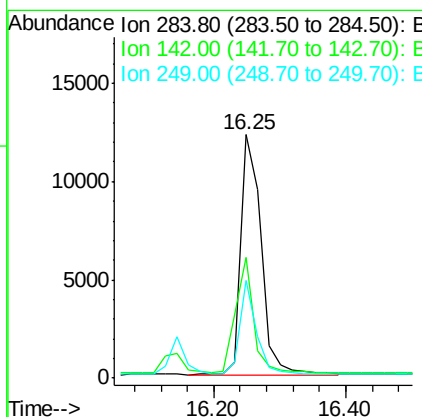
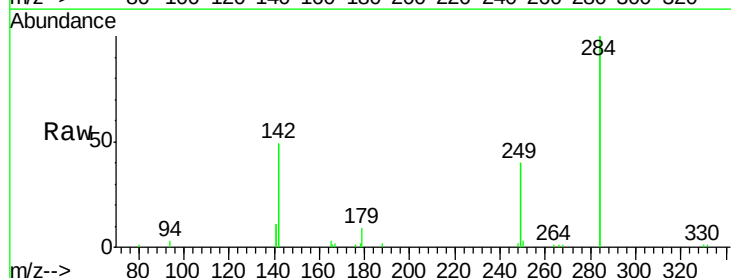
Instrument :
BNA_E
ClientSampleId :

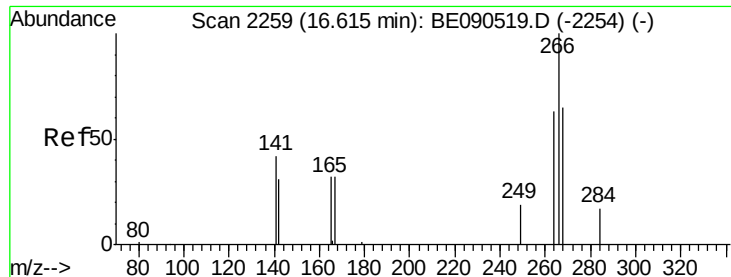
Tot Ion:248 Resp: 5459
Ion Ratio Lower Upper
248 100
250 97.2 79.0 118.6
141 338.8 239.5 359.3



#20
Hexachlorobenzene
Concen: 0.97 ng
RT: 16.25 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BE090627.D
Acq: 25 Aug 2015 23:23

Tgt Ion:284 Resp: 26011
Ion Ratio Lower Upper
284 100
142 41.8 30.1 45.1
249 31.5 25.7 38.5

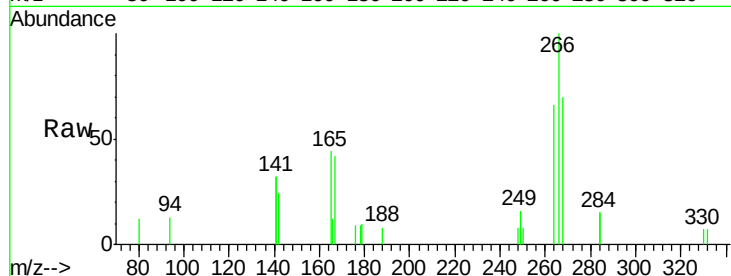




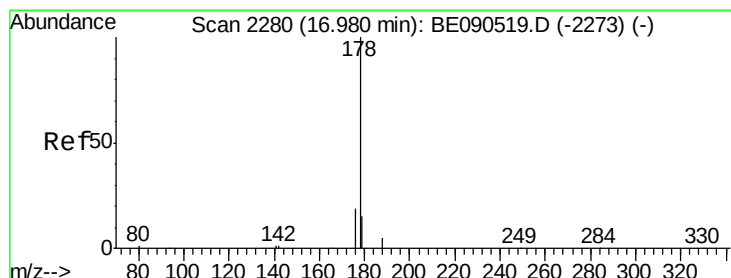
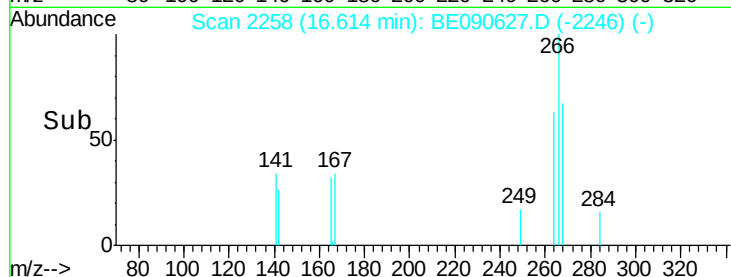
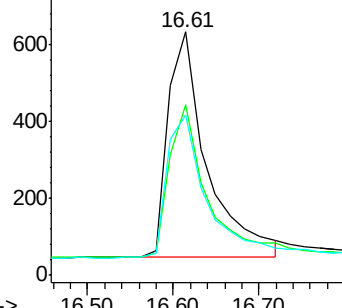
#21
 Pentachlorophenol
 Concen: 0.85 ng
 RT: 16.61 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: BE090627.D
 Acq: 25 Aug 2015 23:23

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:266 Resp: 1855
 Ion Ratio Lower Upper
 266 100
 268 69.9 58.5 87.7
 264 65.9 56.0 84.0

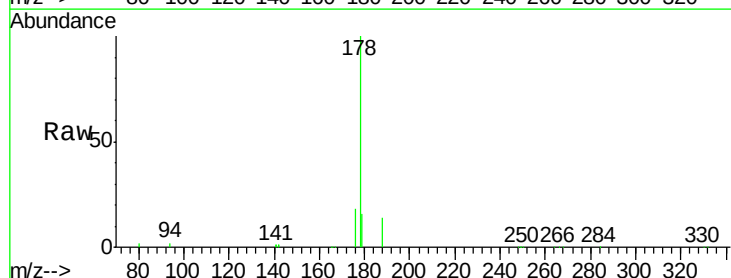


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

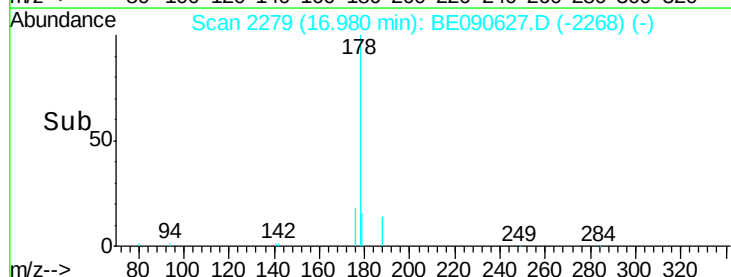
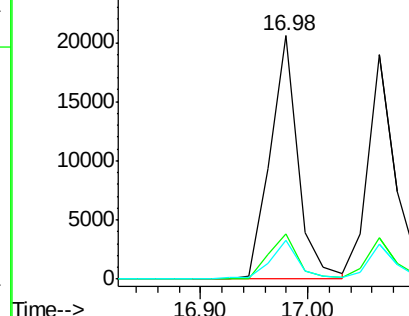


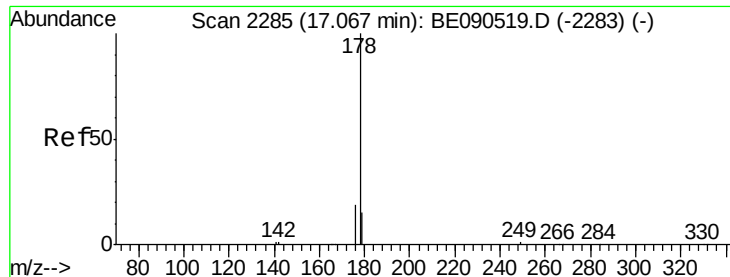
#22
 Phenanthrene
 Concen: 0.95 ng
 RT: 16.98 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BE090627.D
 Acq: 25 Aug 2015 23:23

Tgt Ion:178 Resp: 36775
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.7 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: 0.94 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BE090627.D

Acq: 25 Aug 2015 23:23

Instrument :

BNA_E

ClientSampleId :

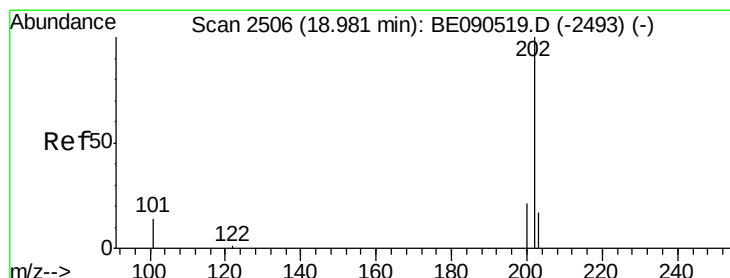
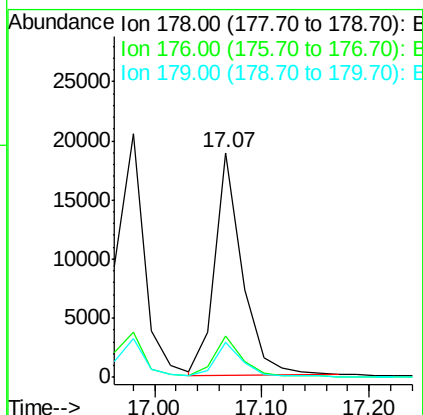
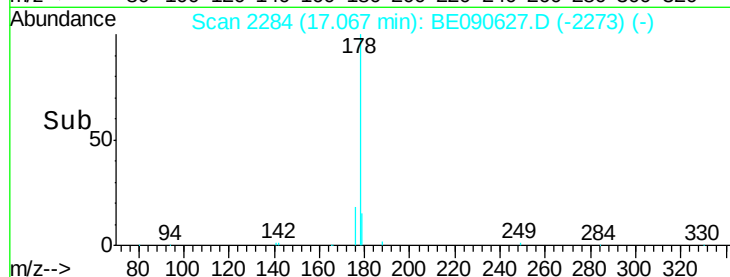
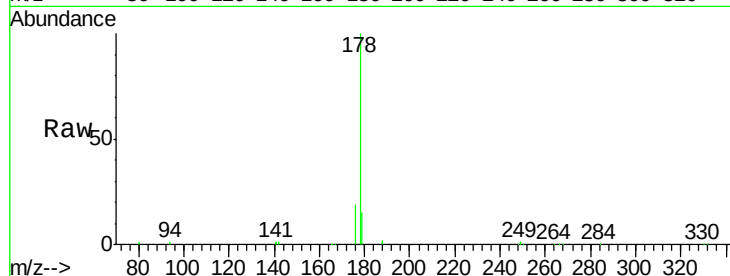
Tot Ion:178 Resp: 33501

Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

179 15.0 12.2 18.4



#24

Fluoranthene

Concen: 0.99 ng

RT: 18.98 min Scan# 2505

Delta R.T. 0.00 min

Lab File: BE090627.D

Acq: 25 Aug 2015 23:23

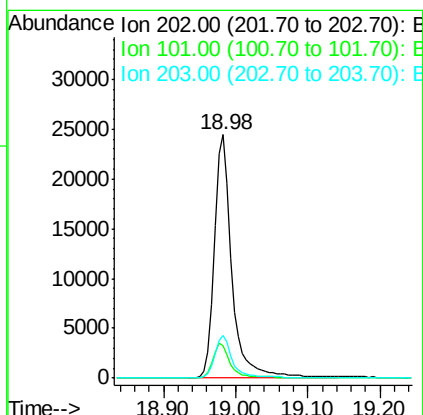
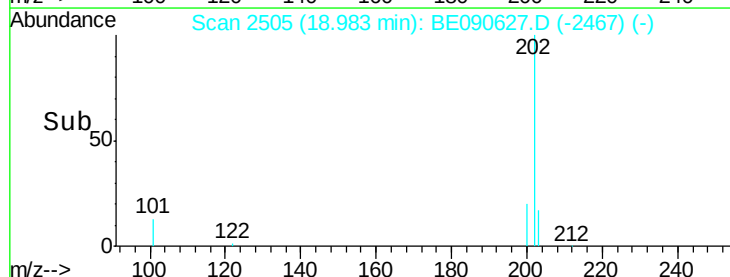
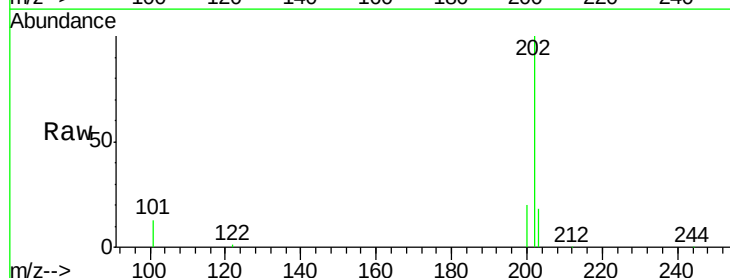
Tgt Ion:202 Resp: 40714

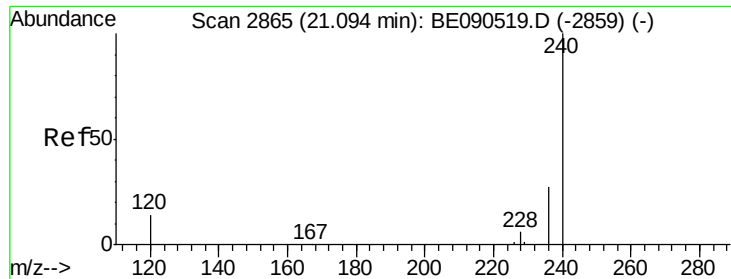
Ion Ratio Lower Upper

202 100

101 14.0 10.3 15.5

203 17.3 13.7 20.5

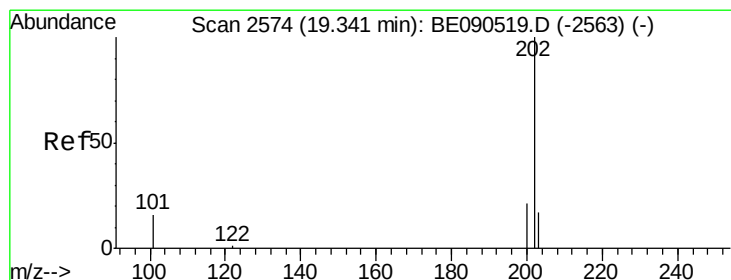
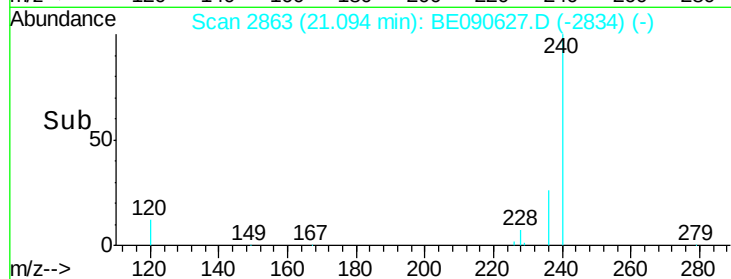
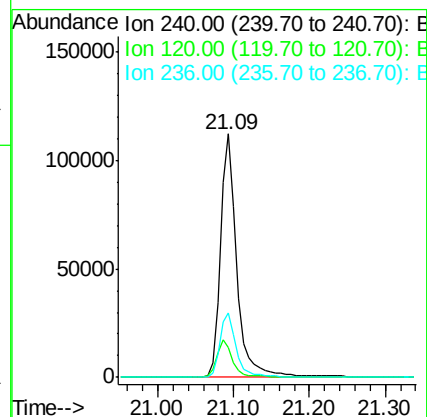
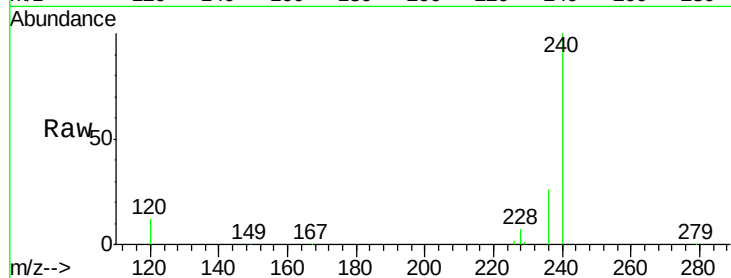




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.09 min Scan# 2863
Delta R.T. -0.00 min
Lab File: BE090627.D
Acq: 25 Aug 2015 23:23

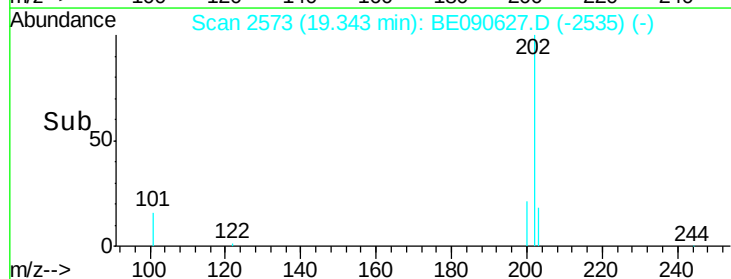
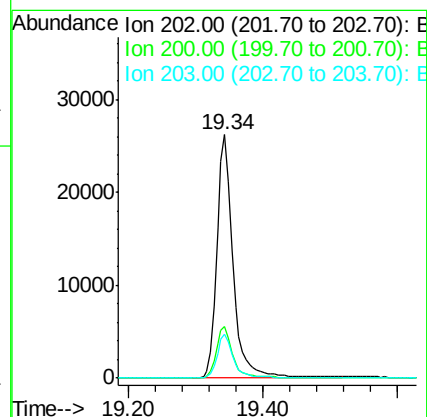
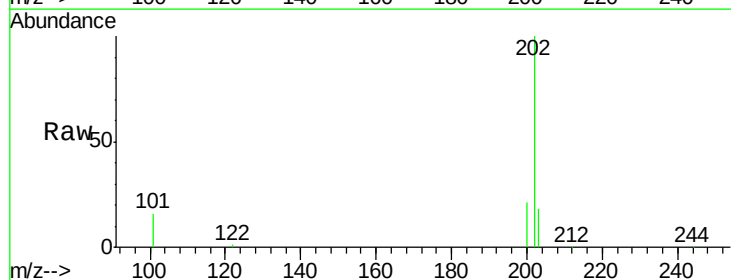
Instrument :
BNA_E
ClientSampleId :

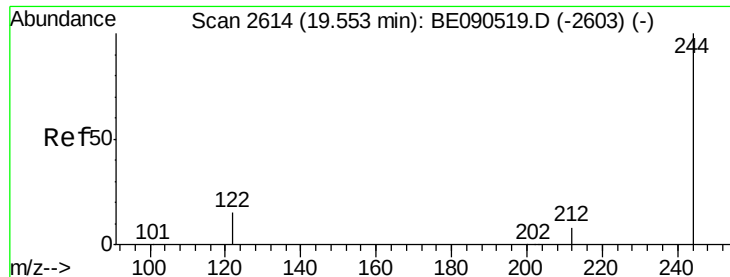
Tot Ion:240 Resp: 168450
Ion Ratio Lower Upper
240 100
120 12.1 8.3 12.5
236 26.5 21.0 31.4



#26
Pyrene
Concen: 0.89 ng
RT: 19.34 min Scan# 2573
Delta R.T. 0.00 min
Lab File: BE090627.D
Acq: 25 Aug 2015 23:23

Tgt Ion:202 Resp: 43053
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.6 13.8 20.8





#27

Terphenyl-d14

Concen: 0.88 ng

RT: 19.56 min Scan# 2613

Delta R.T. 0.00 min

Lab File: BE090627.D

Acq: 25 Aug 2015 23:23

Instrument :

BNA_E

ClientSampleId :

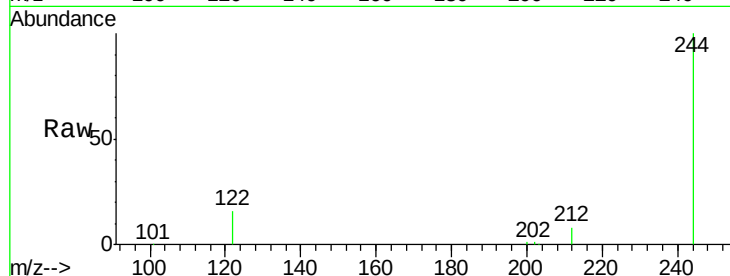
Tot Ion:244 Resp: 27255

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

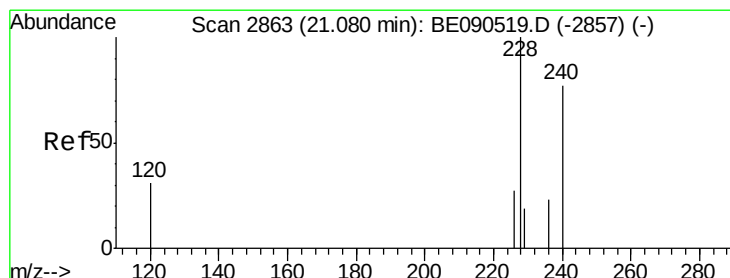
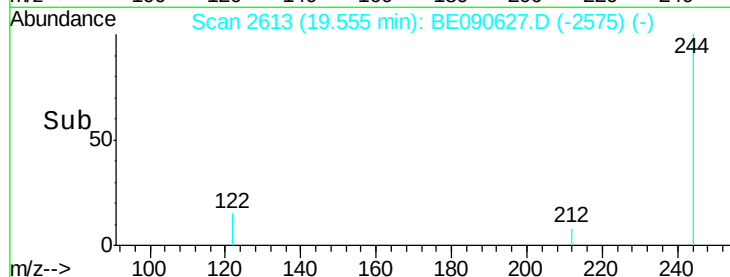
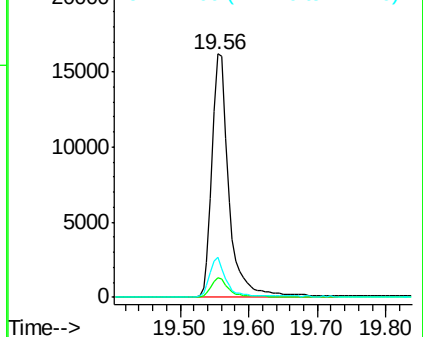
122 16.2 10.2 15.4#



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: 0.92 ng

RT: 21.08 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BE090627.D

Acq: 25 Aug 2015 23:23

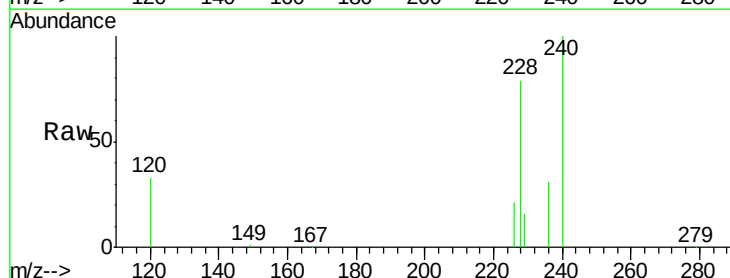
Tgt Ion:228 Resp: 40587

Ion Ratio Lower Upper

228 100

226 26.1 21.9 32.9

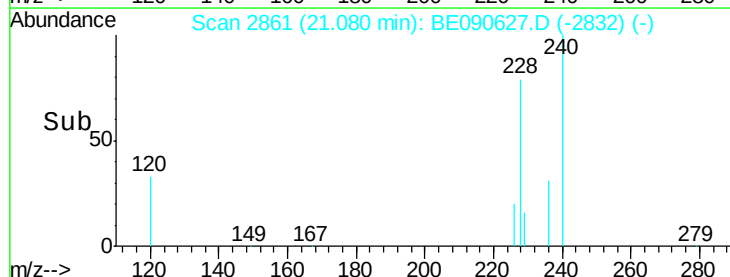
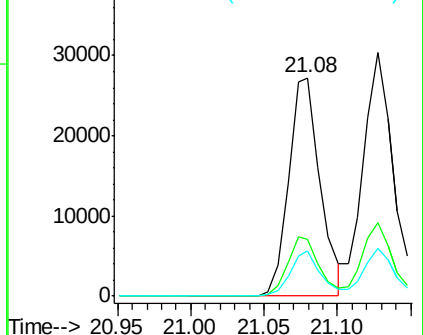
229 20.6 15.4 23.0

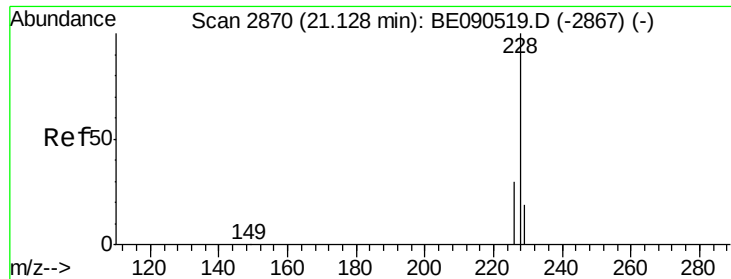


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 1.03 ng

RT: 21.13 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BE090627.D

Acq: 25 Aug 2015 23:23

Instrument :

BNA_E

ClientSampled :

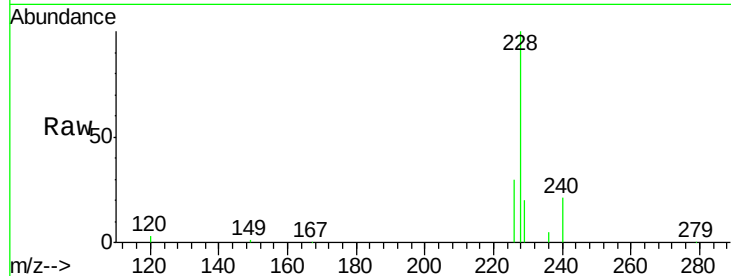
Tot Ion:228 Resp: 46737

Ion Ratio Lower Upper

228 100

226 30.1 23.1 34.7

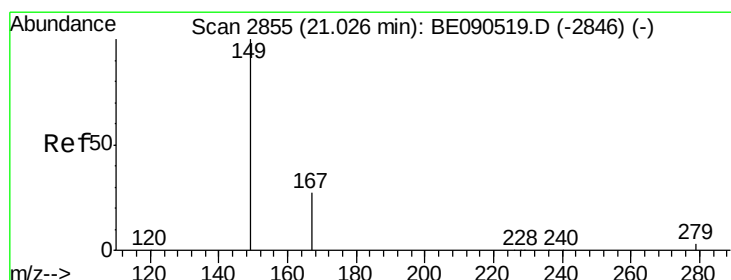
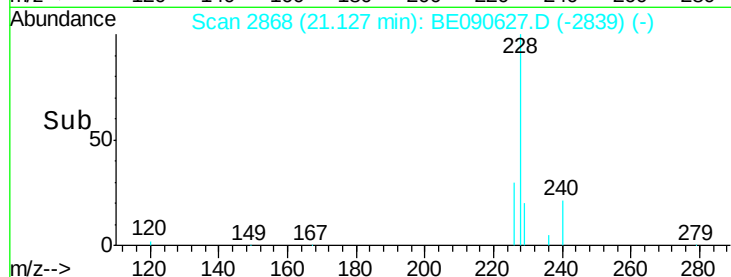
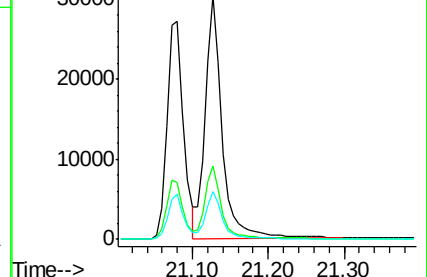
229 19.8 15.8 23.8



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: 0.68 ng

RT: 21.02 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BE090627.D

Acq: 25 Aug 2015 23:23

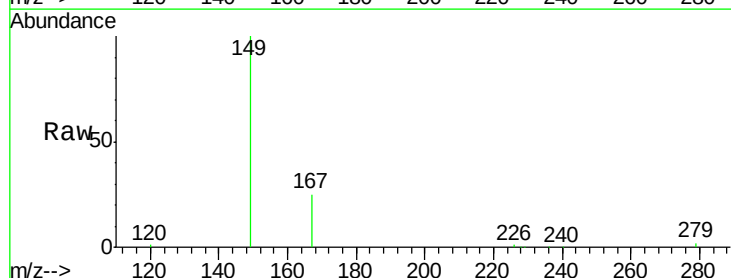
Tgt Ion:149 Resp: 14701

Ion Ratio Lower Upper

149 100

167 25.6 19.8 29.8

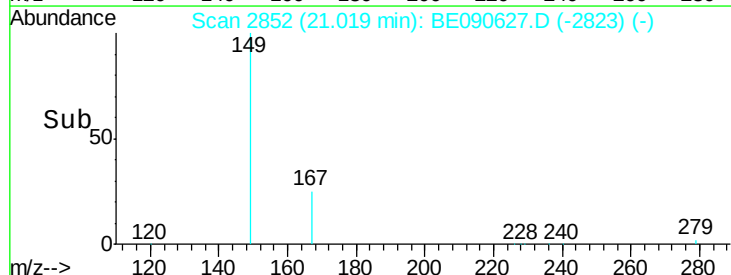
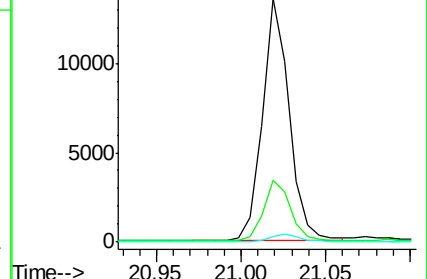
279 3.0 2.4 3.6

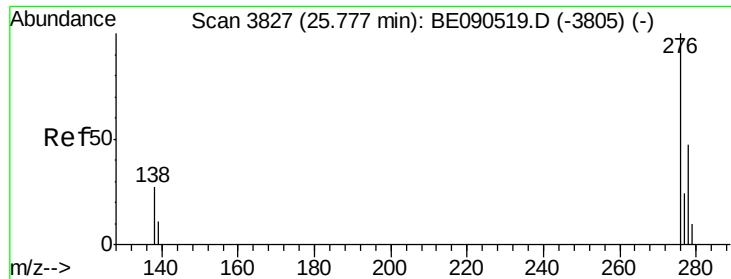


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

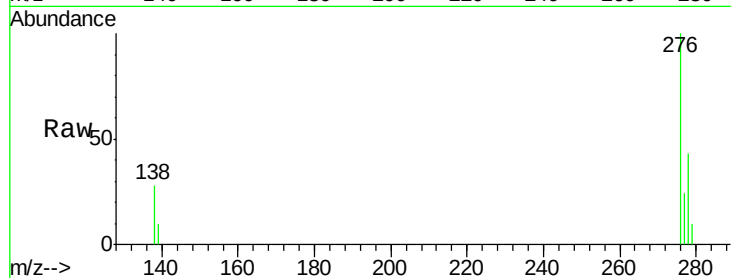




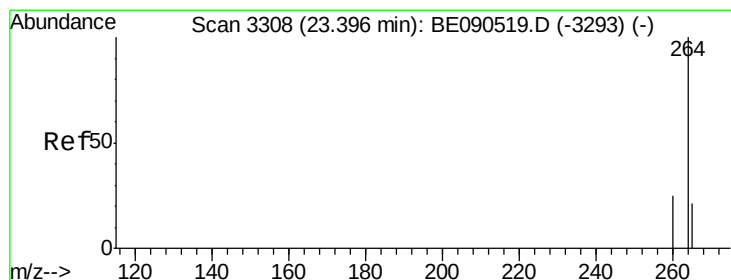
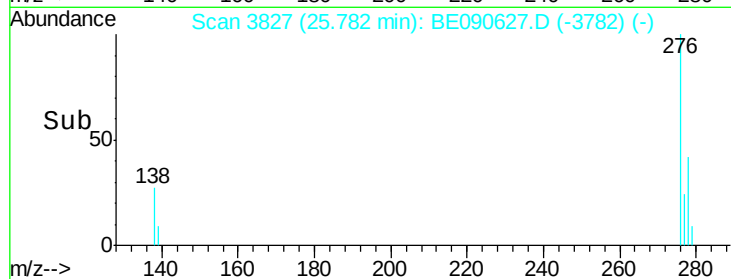
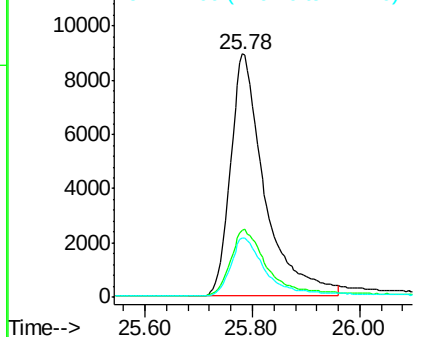
#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.92 ng
 RT: 25.78 min Scan# 3827
 Delta R.T. 0.00 min
 Lab File: BE090627.D
 Acq: 25 Aug 2015 23:23

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 39391
 Ion Ratio Lower Upper
 276 100
 138 29.6 18.8 28.2#
 277 24.7 18.2 27.4

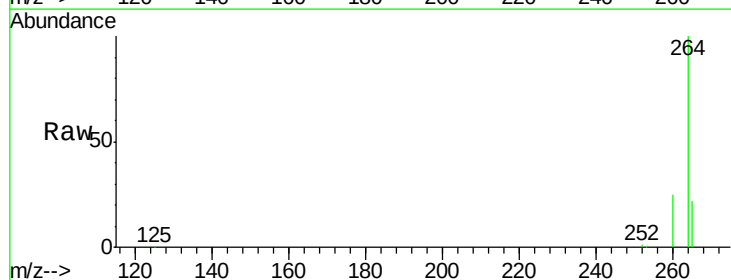


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

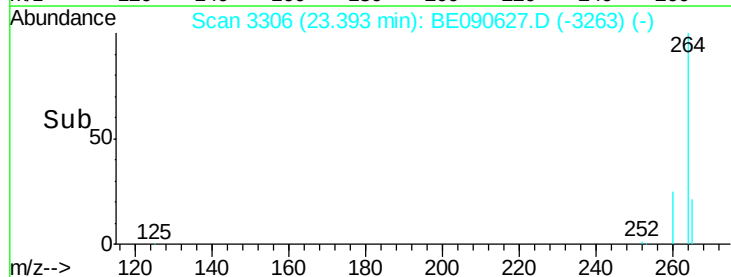
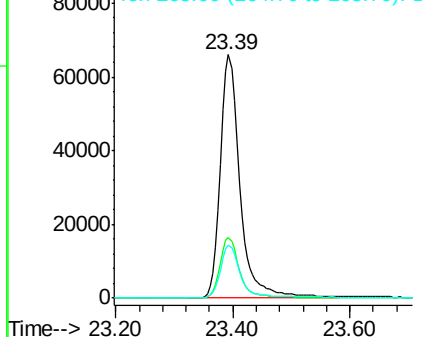


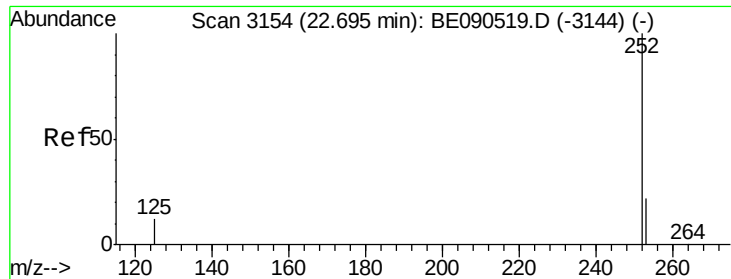
#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.39 min Scan# 3306
 Delta R.T. -0.00 min
 Lab File: BE090627.D
 Acq: 25 Aug 2015 23:23

Tgt Ion:264 Resp: 152622
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.1 30.1
 265 21.7 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: 0.94 ng

RT: 22.69 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BE090627.D

Acq: 25 Aug 2015 23:23

Instrument :

BNA_E

ClientSampleId :

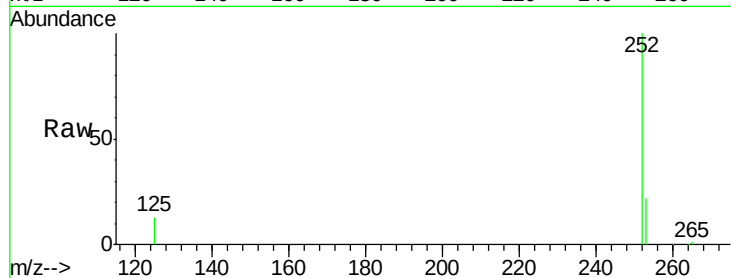
Tot Ion:252 Resp: 33965

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

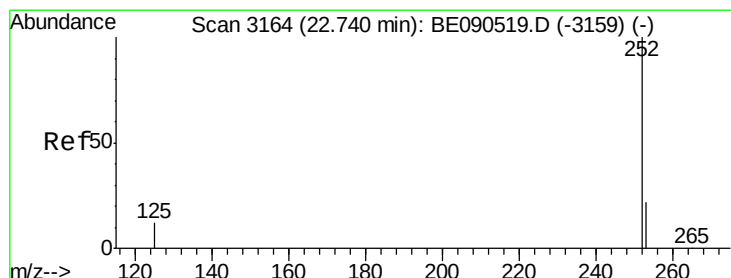
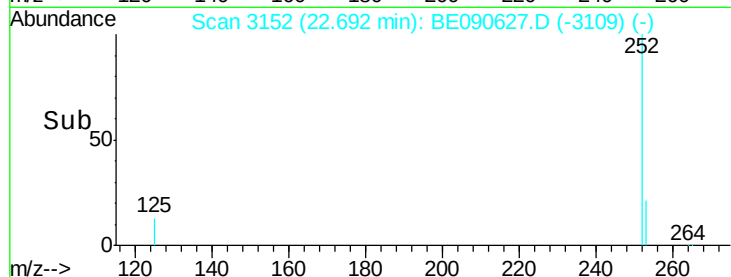
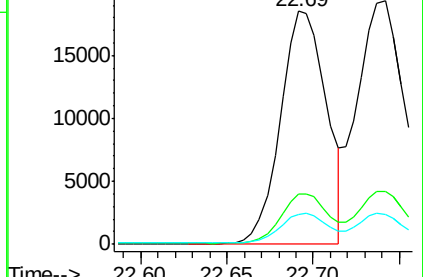
125 13.0 9.4 14.2



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: 1.04 ng

RT: 22.74 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BE090627.D

Acq: 25 Aug 2015 23:23

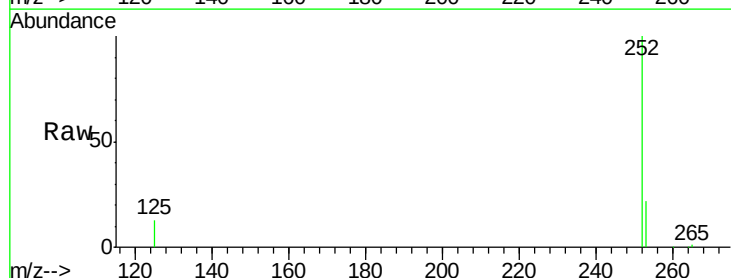
Tgt Ion:252 Resp: 42573

Ion Ratio Lower Upper

252 100

253 21.9 18.1 27.1

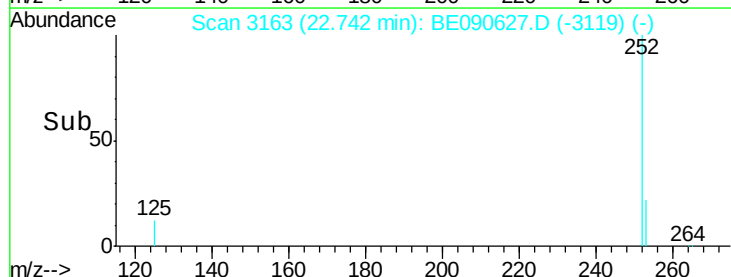
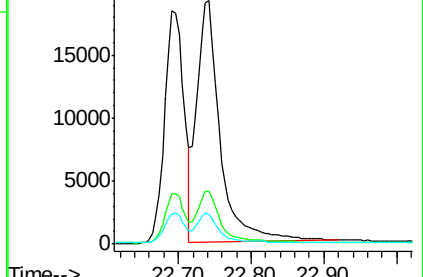
125 12.5 9.1 13.7

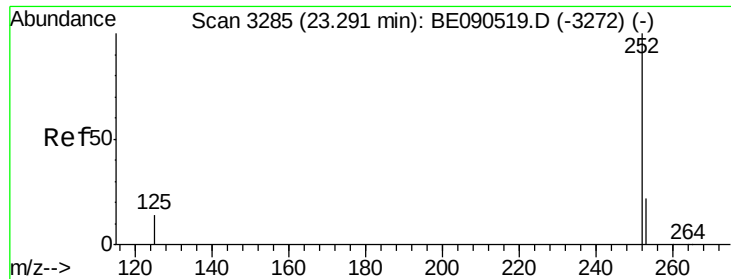


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.95 ng

RT: 23.29 min Scan# 3283

Delta R.T. -0.00 min

Lab File: BE090627.D

Acq: 25 Aug 2015 23:23

Instrument :

BNA_E

ClientSampleId :

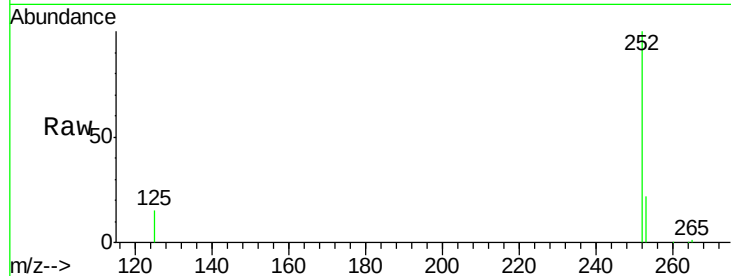
Tot Ion:252 Resp: 31986

Ion Ratio Lower Upper

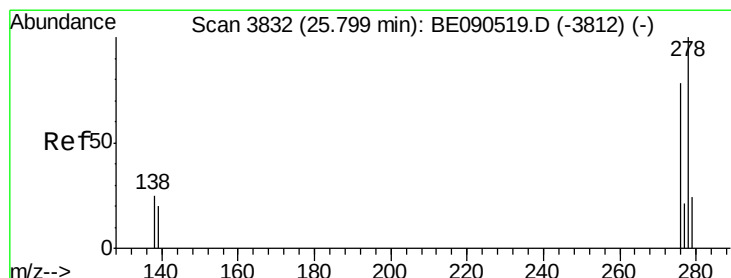
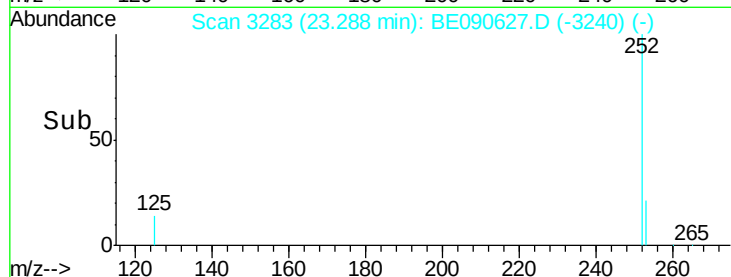
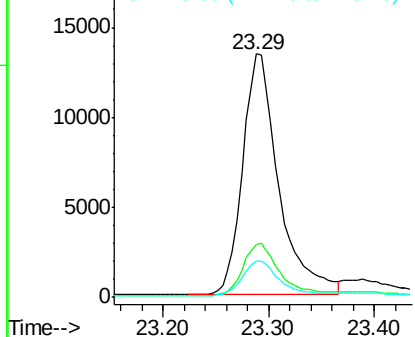
252 100

253 21.7 17.6 26.4

125 14.9 9.8 14.6#



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



#36

Dibenzo(a,h)anthracene

Concen: 0.91 ng

RT: 25.80 min Scan# 3832

Delta R.T. 0.00 min

Lab File: BE090627.D

Acq: 25 Aug 2015 23:23

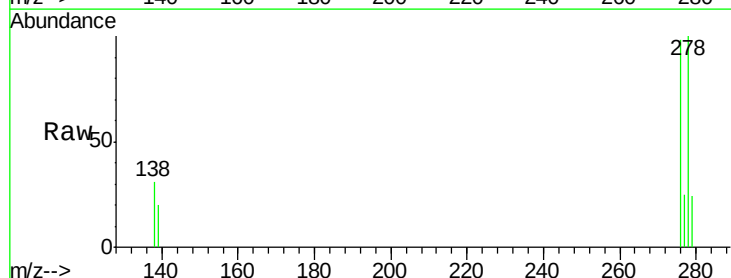
Tgt Ion:278 Resp: 29714

Ion Ratio Lower Upper

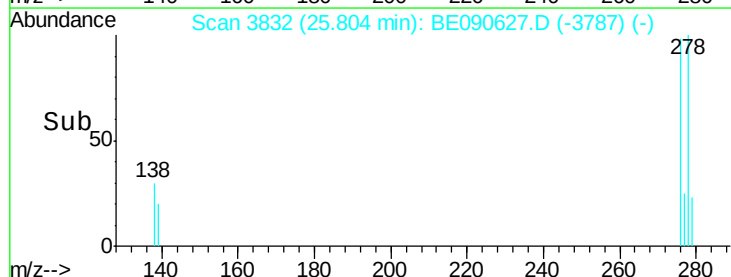
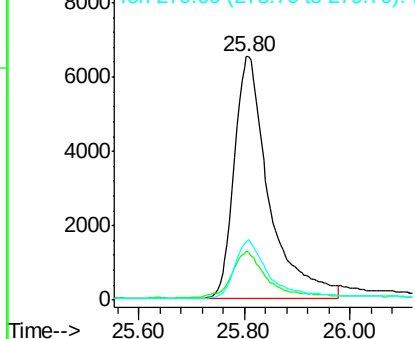
278 100

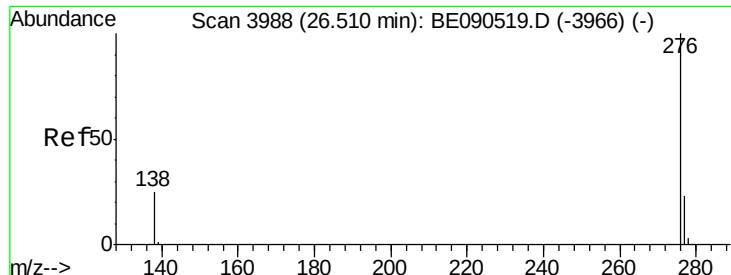
139 20.4 14.2 21.4

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: 0.93 ng

RT: 26.51 min Scan# 3987

Delta R.T. 0.00 min

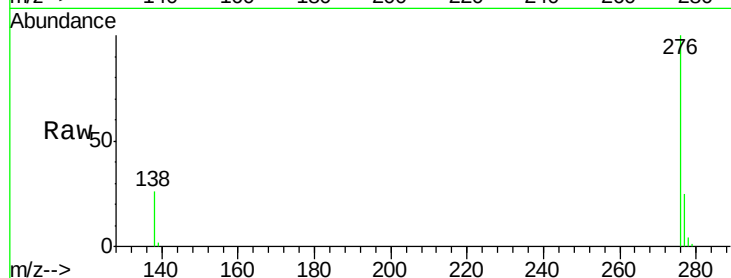
Lab File: BE090627.D

Acq: 25 Aug 2015 23:23

Instrument :

BNA_E

ClientSampleId :



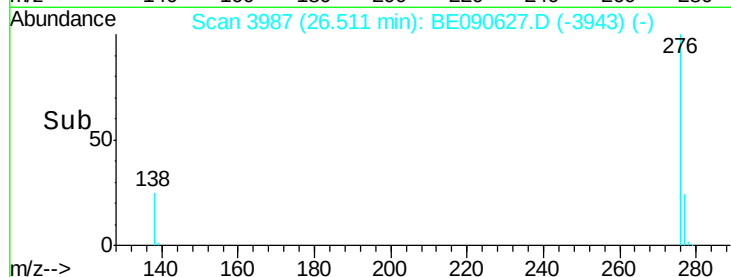
Tot Ion: 276 Resp: 33229

Ion Ratio Lower Upper

276 100

277 24.7 20.1 30.1

138 26.2 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

