

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071615\
 Data File : BE090133.D
 Acq On : 16 Jul 2015 23:54
 Operator : TP/IZ
 Sample : SSTDICV001
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE071615

Quant Time: Jul 17 13:00:54 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 17 12:59:41 2015
 Response via : Initial Calibration

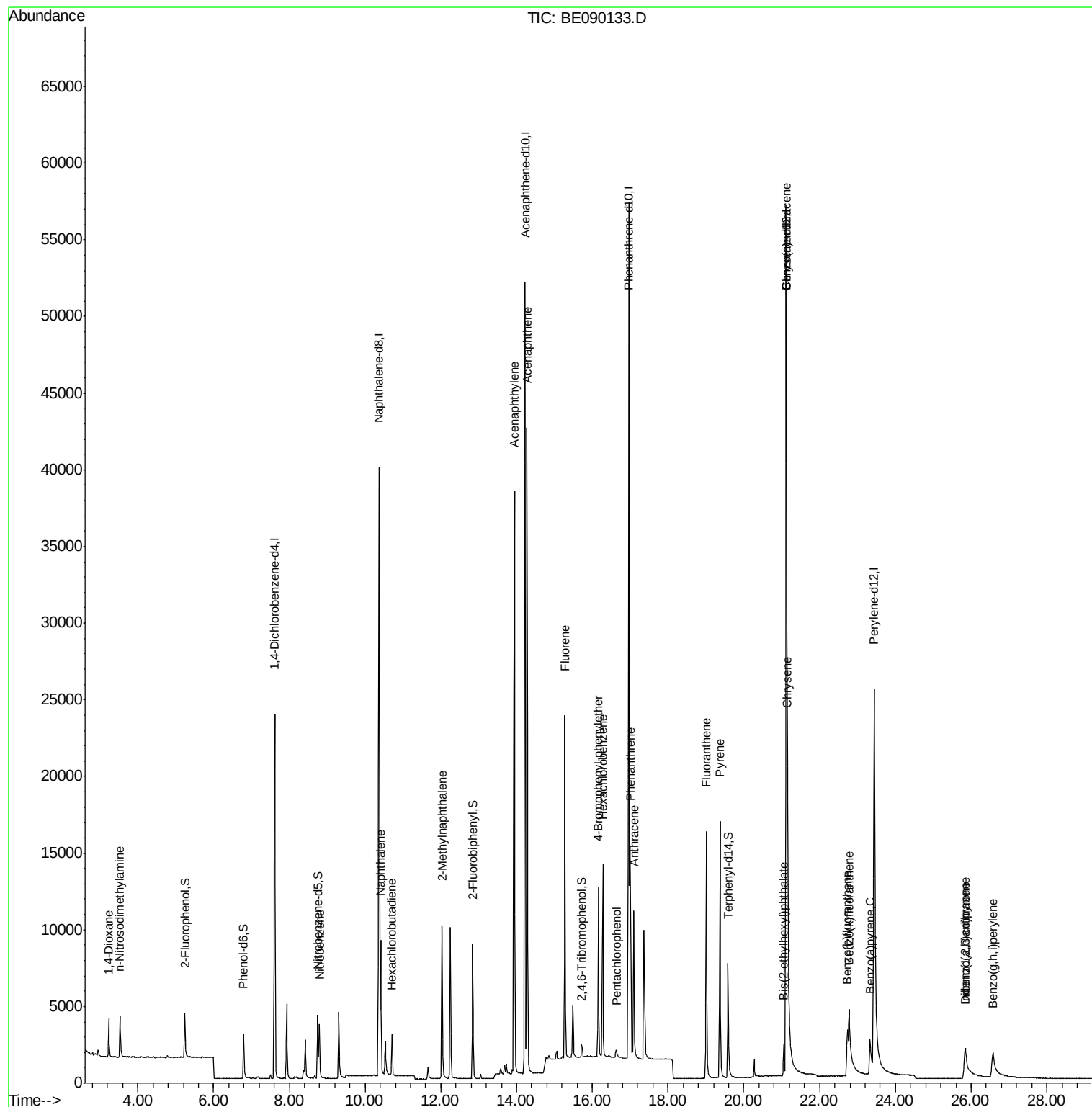
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	11931	5.00	ng	0.00
6) Naphthalene-d8	10.37	136	52848	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	30029	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	68140	5.00	ng	0.00
25) Chrysene-d12	21.12	240	68729	5.00	ng	0.00
32) Perylene-d12	23.44	264	50807	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	2544	1.00	ng	0.00
5) Phenol-d6	6.79	99	3693	1.02	ng	0.00
7) Nitrobenzene-d5	8.75	82	3849	0.98	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	518	0.92	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	8969	0.97	ng	0.00
27) Terphenyl-d14	19.58	244	11399	0.99	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	1526	1.06	ng	99
3) n-Nitrosodimethylamine	3.52	42	1785	0.95	ng	92
8) Nitrobenzene	8.79	77	4089	0.99	ng	99
9) Naphthalene	10.41	128	11626	0.97	ng	100
10) Hexachlorobutadiene	10.71	225	1933	0.96	ng	100
11) 2-Methylnaphthalene	12.03	142	7617	0.99	ng	98
15) Acenaphthylene	13.94	152	52352	0.98	ng	100
16) Acenaphthene	14.29	154	7469	0.97	ng	99
17) Fluorene	15.27	166	9713	0.96	ng	99
19) 4-Bromophenyl-phenylether	16.16	248	2846	0.98	ng	97
20) Hexachlorobenzene	16.28	284	12198	0.96	ng	99
21) Pentachlorophenol	16.63	266	413	1.04	ng	98
22) Phenanthrene	17.00	178	16385	0.96	ng	100
23) Anthracene	17.10	178	14671	0.96	ng	100
24) Fluoranthene	19.01	202	16877	1.00	ng	100
26) Pyrene	19.37	202	17244	0.93	ng	100
28) Benzo(a)anthracene	21.11	228	12471	1.07	ng	100
29) Chrysene	21.15	228	19056	1.04	ng	99
30) Bis(2-ethylhexyl)phthalate	21.05	149	2342	0.98	ng	# 99
31) Indeno(1,2,3-cd)pyrene	25.83	276	4968	1.18	ng	# 92
33) Benzo(b)fluoranthene	22.73	252	4892	1.32	ng	100
34) Benzo(k)fluoranthene	22.78	252	12231	0.95	ng	99
35) Benzo(a)pyrene	23.33	252	5915	0.94	ng	100
36) Dibenzo(a,h)anthracene	25.85	278	3432	1.25	ng	98
37) Benzo(g,h,i)perylene	26.58	276	6328	0.94	ng	97

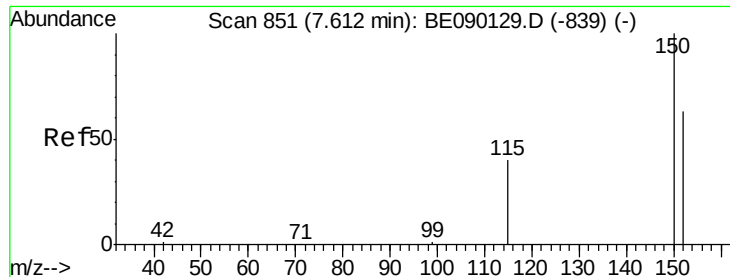
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 852

Delta R.T. 0.00 min

Lab File: BE090133.D

Acq: 16 Jul 2015 23:54

Instrument :

BNA_E

ClientSampleId :

ICVBE071615

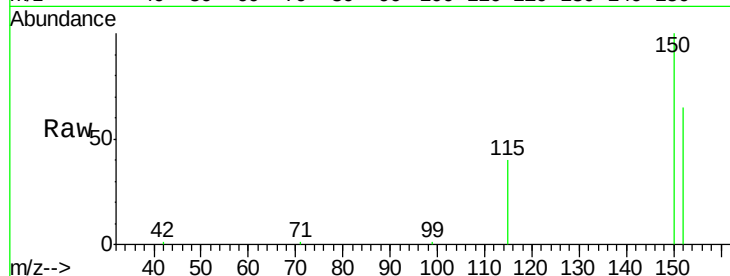
Tgt Ion:152 Resp: 11931

Ion Ratio Lower Upper

152 100

150 154.6 127.3 190.9

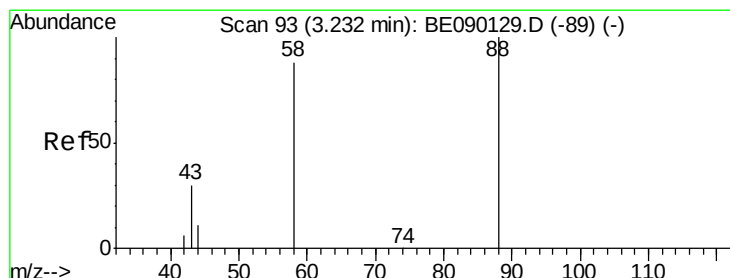
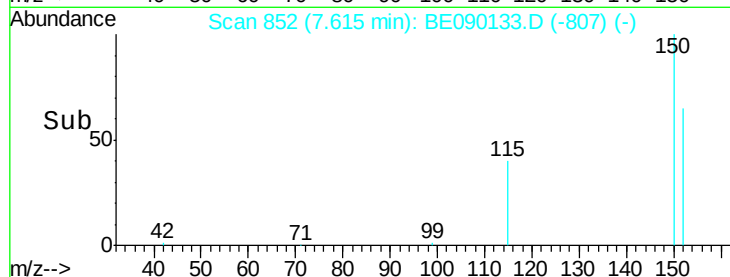
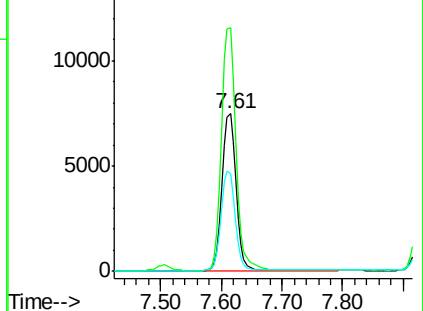
115 62.0 51.0 76.4



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: 1.06 ng

RT: 3.23 min Scan# 93

Delta R.T. 0.00 min

Lab File: BE090133.D

Acq: 16 Jul 2015 23:54

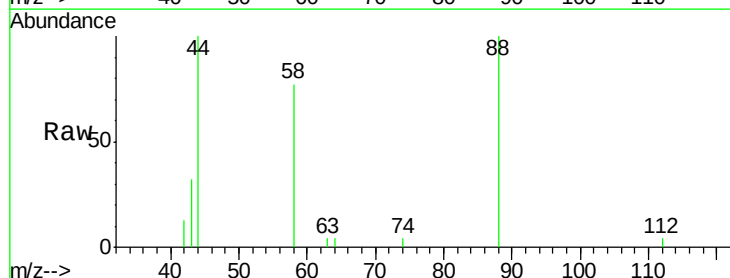
Tgt Ion: 88 Resp: 1526

Ion Ratio Lower Upper

88 100

58 83.2 67.0 100.4

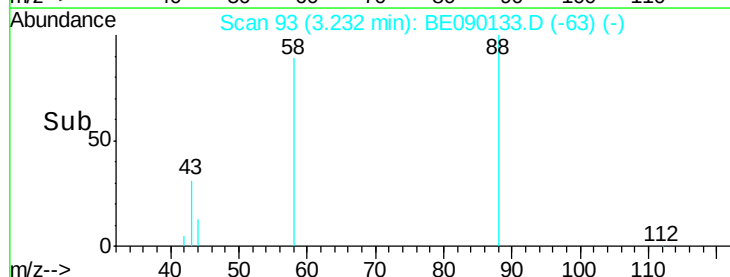
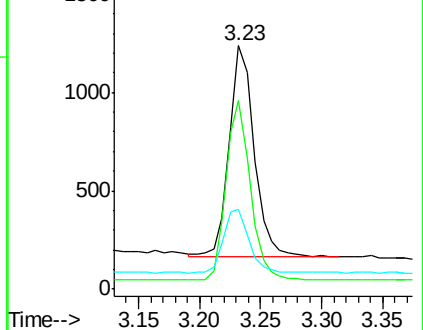
43 31.3 26.0 39.0

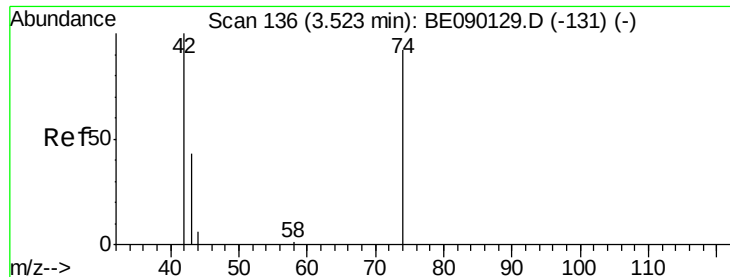


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.95 ng

RT: 3.52 min Scan# 136

Delta R.T. 0.00 min

Lab File: BE090133.D

Acq: 16 Jul 2015 23:54

Instrument :

BNA_E

ClientSampleId :

ICVBE071615

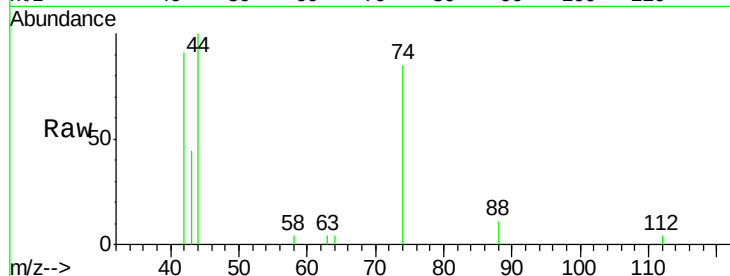
Tgt Ion: 42 Resp: 1785

Ion Ratio Lower Upper

42 100

74 123.5 91.0 136.6

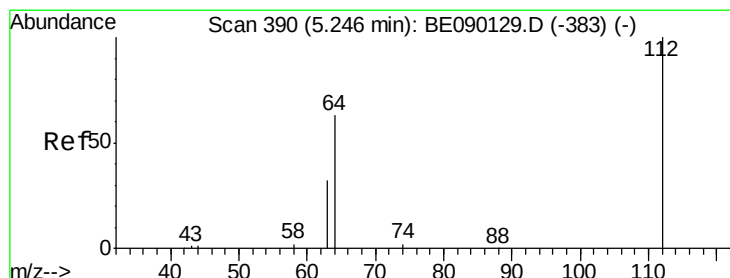
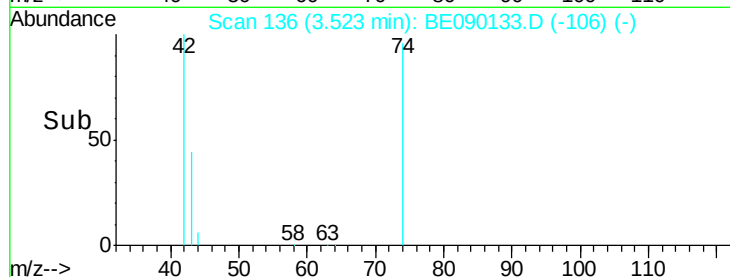
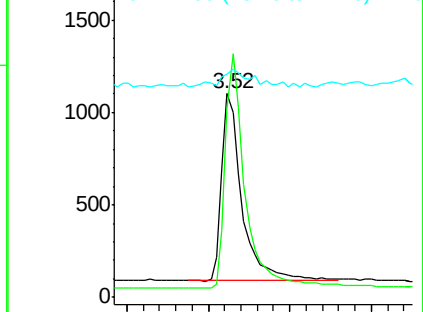
44 12.5 9.2 13.8



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 1.00 ng

RT: 5.25 min Scan# 390

Delta R.T. 0.00 min

Lab File: BE090133.D

Acq: 16 Jul 2015 23:54

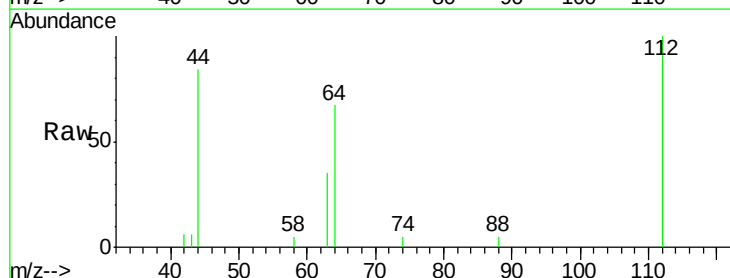
Tgt Ion: 112 Resp: 2544

Ion Ratio Lower Upper

112 100

64 69.2 55.4 83.2

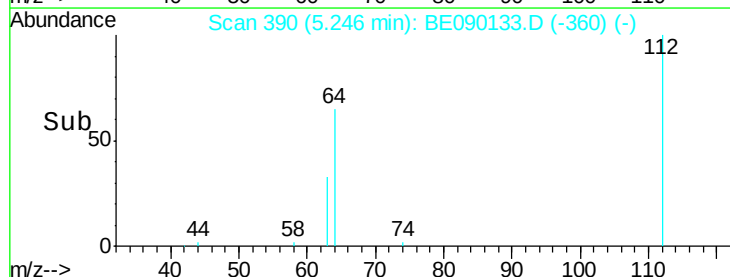
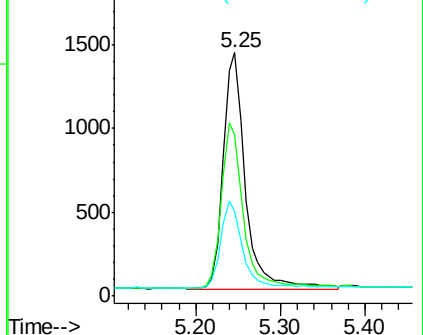
63 37.3 29.3 43.9

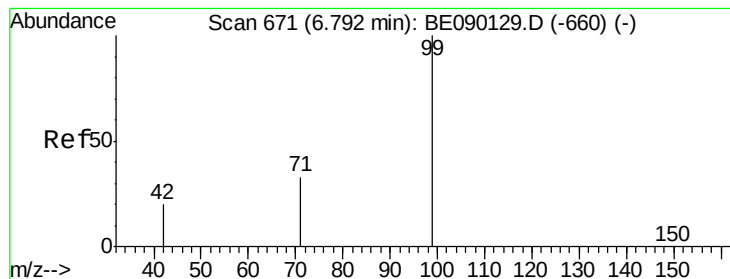


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.02 ng

RT: 6.79 min Scan# 672

Delta R.T. 0.00 min

Lab File: BE090133.D

Acq: 16 Jul 2015 23:54

Instrument :

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ClientSampleId :

ICVBE071615

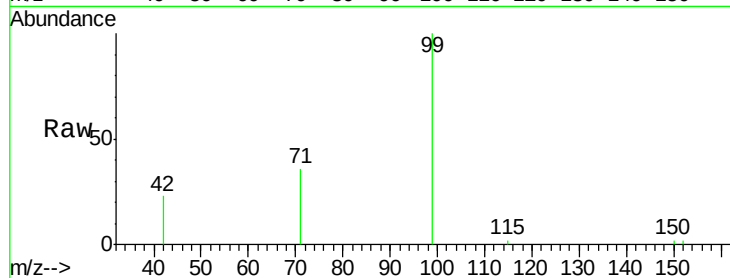
Tgt Ion: 99 Resp: 3693

Ion Ratio Lower Upper

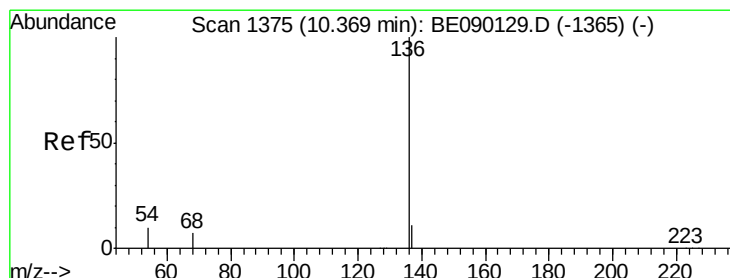
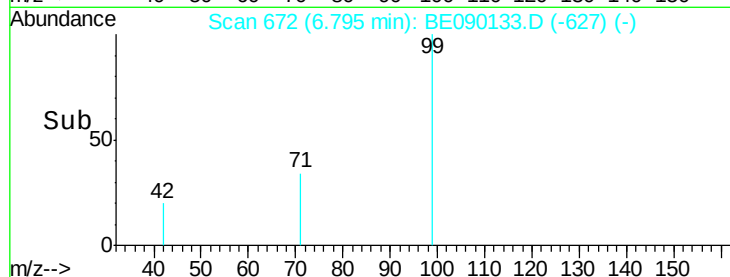
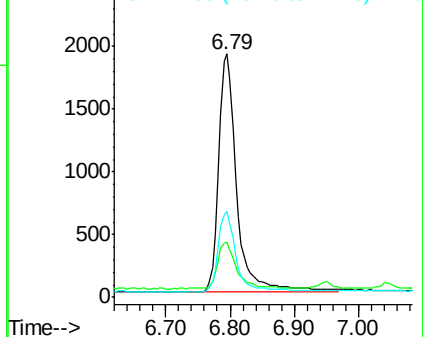
99 100

42 20.0 16.8 25.2

71 32.7 26.6 39.8



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: 10.37 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BE090133.D

Acq: 16 Jul 2015 23:54

Tgt Ion: 136 Resp: 52848

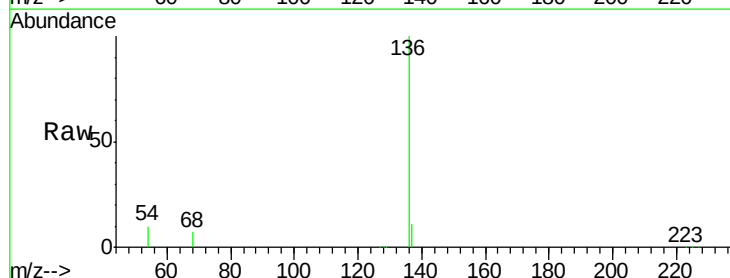
Ion Ratio Lower Upper

136 100

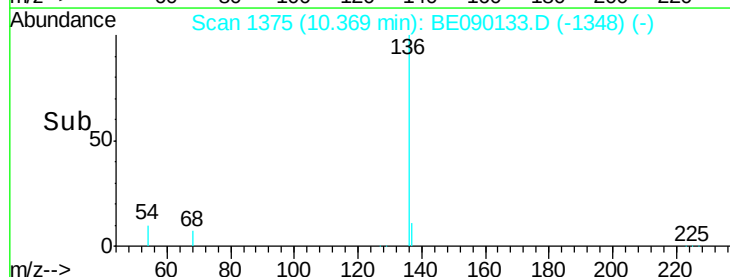
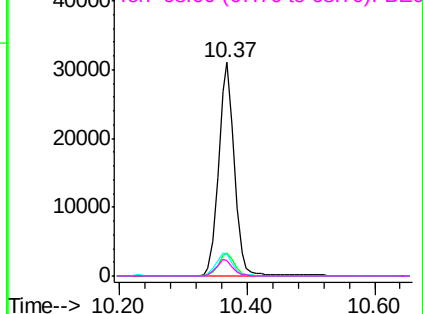
137 11.0 8.9 13.3

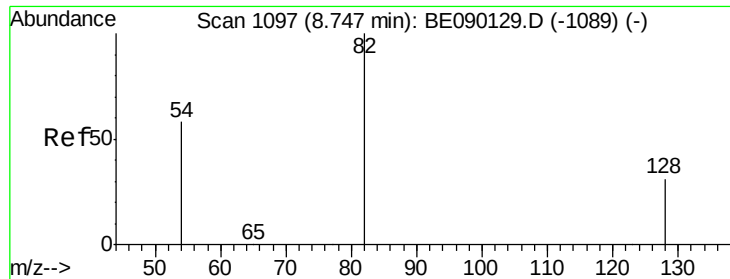
54 10.0 7.8 11.8

68 7.4 5.8 8.8



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: 0.98 ng

RT: 8.75 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BE090133.D

Acq: 16 Jul 2015 23:54

Instrument :

BNA_E

ClientSampleId :

ICVBE071615

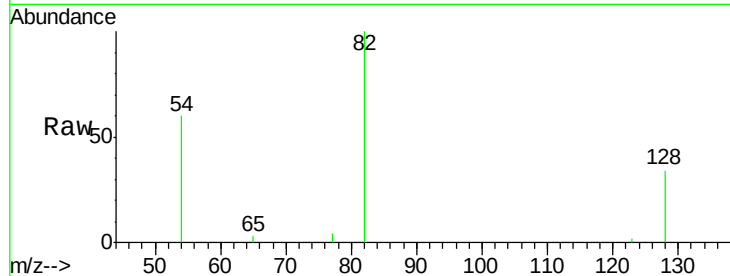
Tgt Ion: 82 Resp: 3849

Ion Ratio Lower Upper

82 100

128 34.3 26.2 39.2

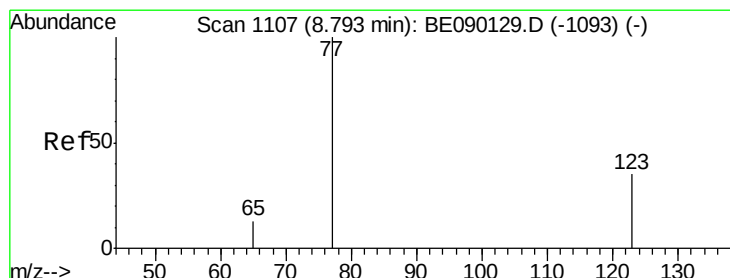
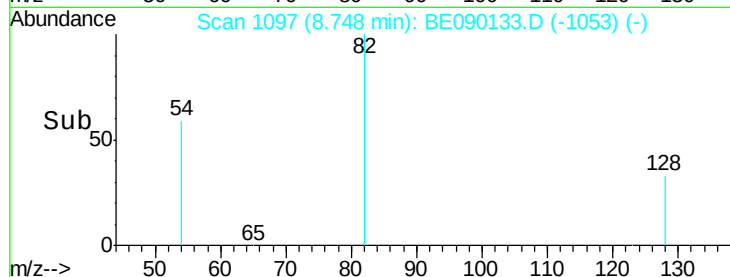
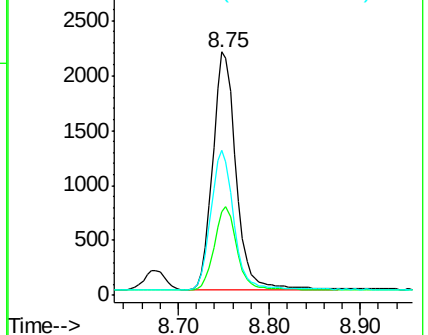
54 59.7 47.1 70.7



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: 0.99 ng

RT: 8.79 min Scan# 1107

Delta R.T. 0.00 min

Lab File: BE090133.D

Acq: 16 Jul 2015 23:54

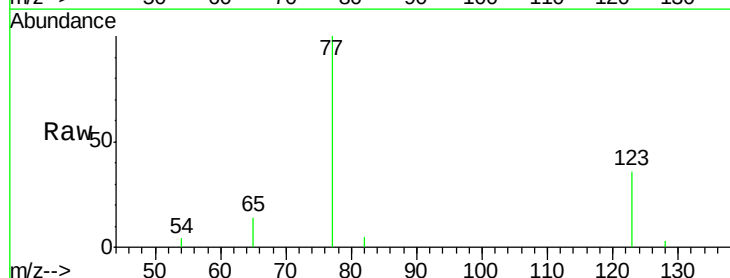
Tgt Ion: 77 Resp: 4089

Ion Ratio Lower Upper

77 100

123 35.2 28.5 42.7

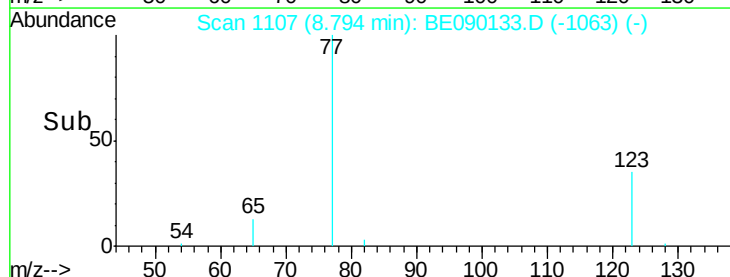
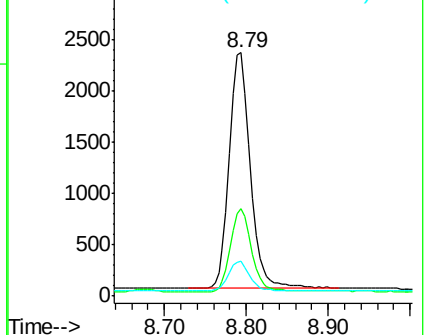
65 13.0 10.2 15.2

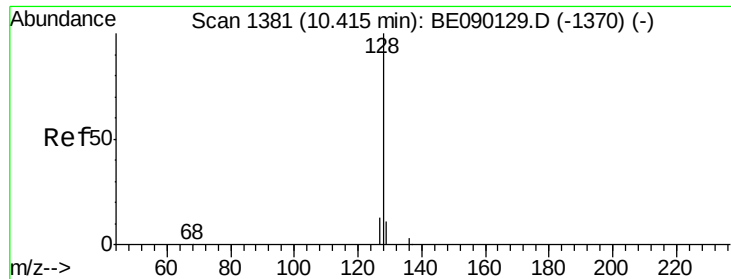


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.97 ng

RT: 10.41 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BE090133.D

Acq: 16 Jul 2015 23:54

Instrument :

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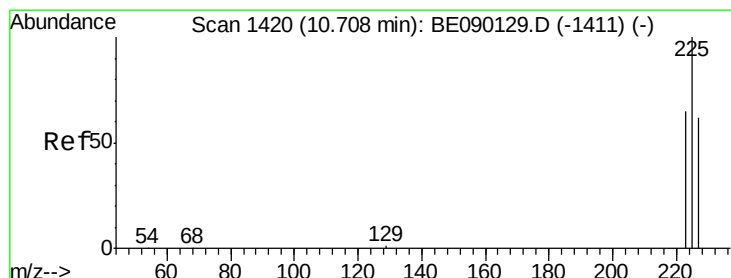
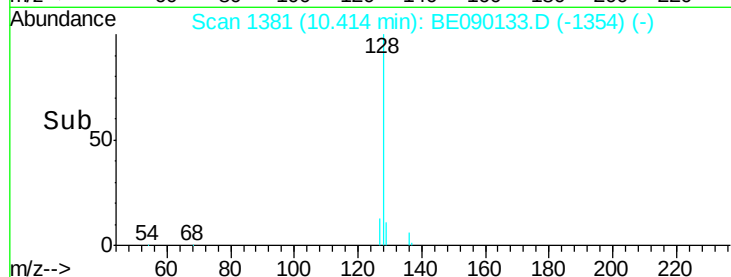
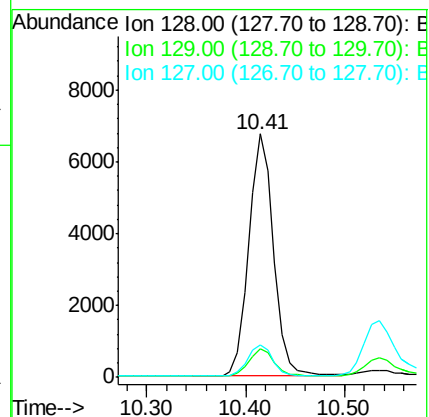
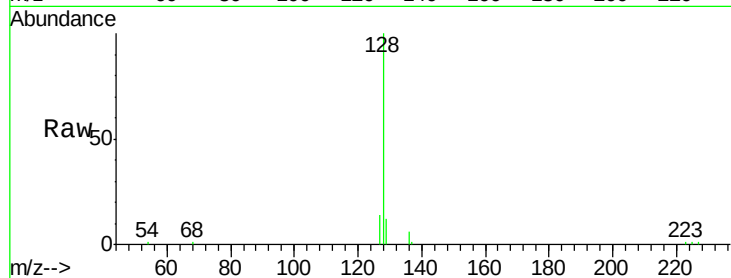
Tgt Ion:128 Resp: 11626

Ion Ratio Lower Upper

128 100

129 11.5 9.2 13.8

127 13.5 10.8 16.2



#10

Hexachlorobutadiene

Concen: 0.96 ng

RT: 10.71 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BE090133.D

Acq: 16 Jul 2015 23:54

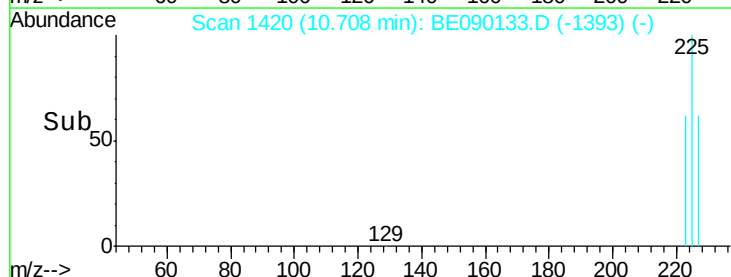
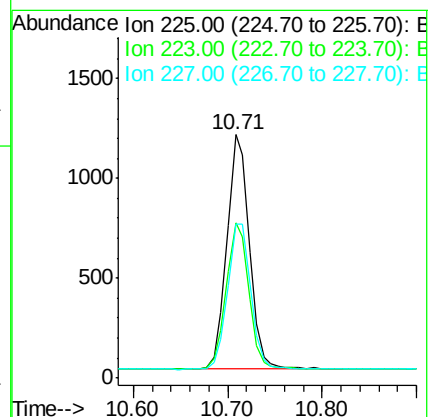
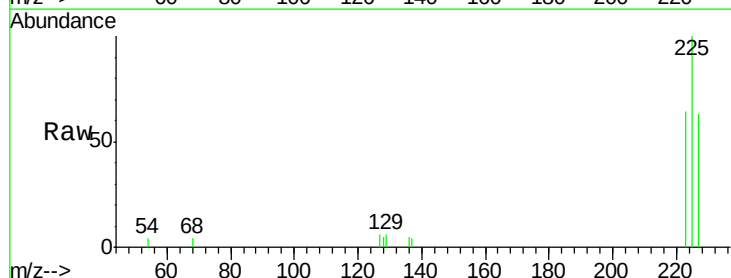
Tgt Ion:225 Resp: 1933

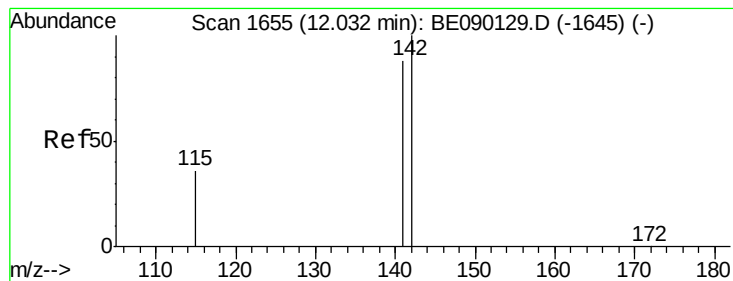
Ion Ratio Lower Upper

225 100

223 63.0 50.2 75.2

227 64.4 51.3 76.9





#11

2-Methylnaphthalene

Concen: 0.99 ng

RT: 12.03 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BE090133.D

Acq: 16 Jul 2015 23:54

Instrument :

BNA_E

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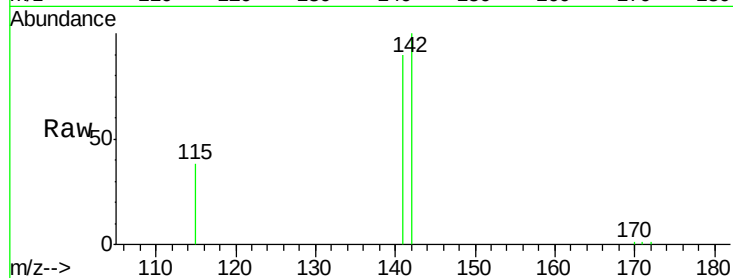
Tgt Ion:142 Resp: 7617

Ion Ratio Lower Upper

142 100

141 89.8 70.6 105.8

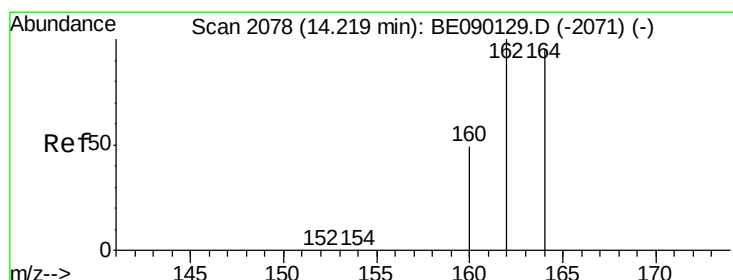
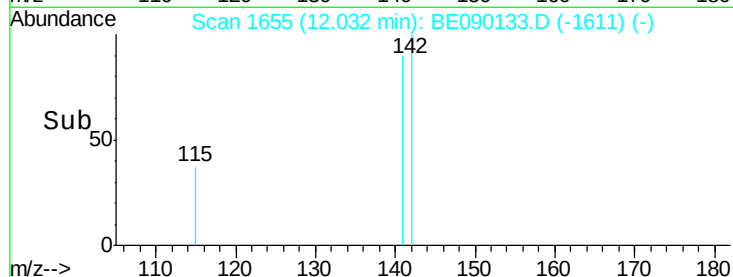
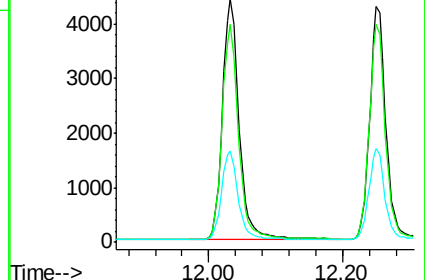
115 37.7 29.4 44.0



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: 14.22 min Scan# 2078

Delta R.T. 0.00 min

Lab File: BE090133.D

Acq: 16 Jul 2015 23:54

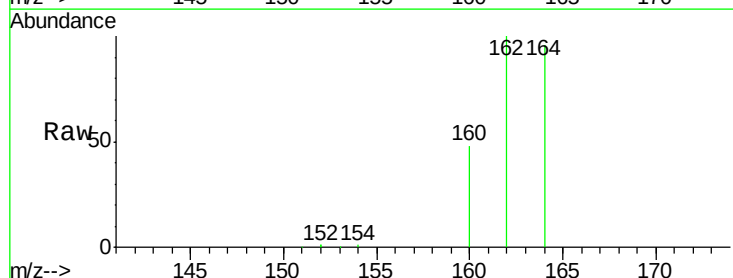
Tgt Ion:164 Resp: 30029

Ion Ratio Lower Upper

164 100

162 103.9 84.0 126.0

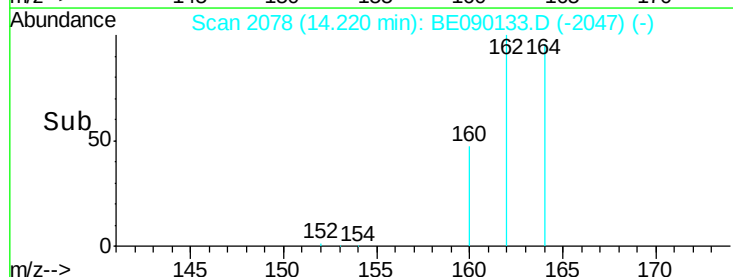
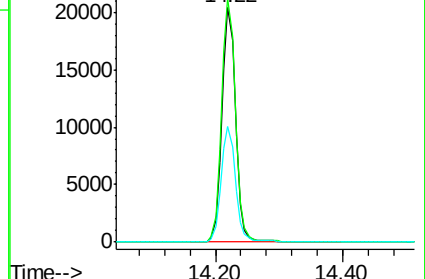
160 49.4 41.1 61.7

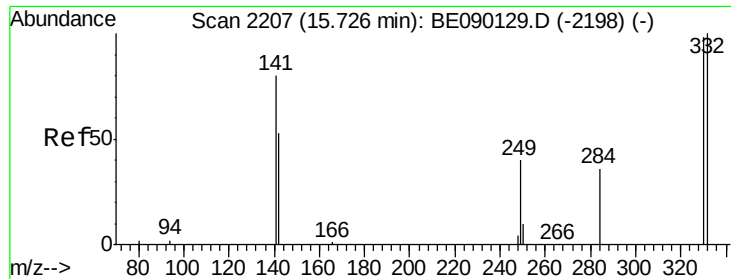


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

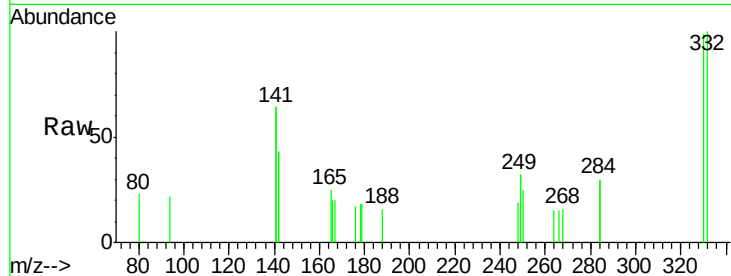




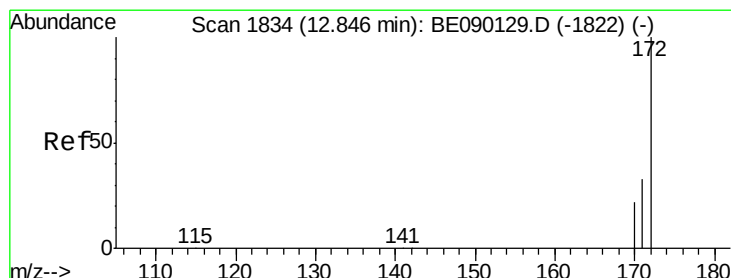
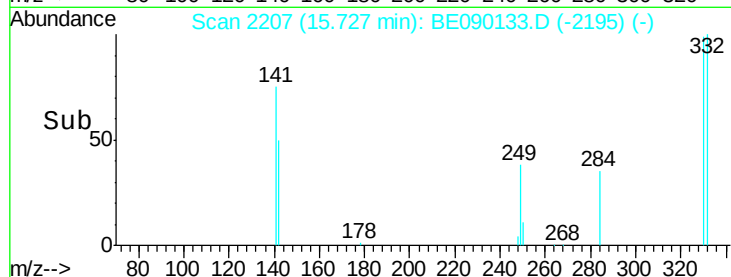
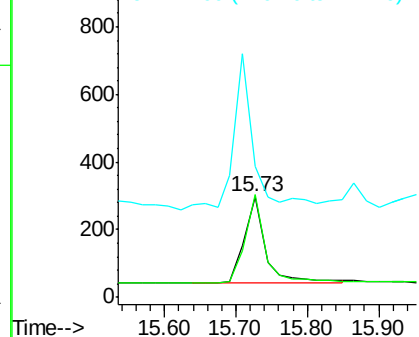
#13
 2,4,6-Tribromophenol
 Concen: 0.92 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: BE090133.D
 Acq: 16 Jul 2015 23:54

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE071615

Tgt Ion: 330 Resp: 518
 Ion Ratio Lower Upper
 330 100
 332 94.8 79.4 119.0
 141 156.8 160.2 240.2#

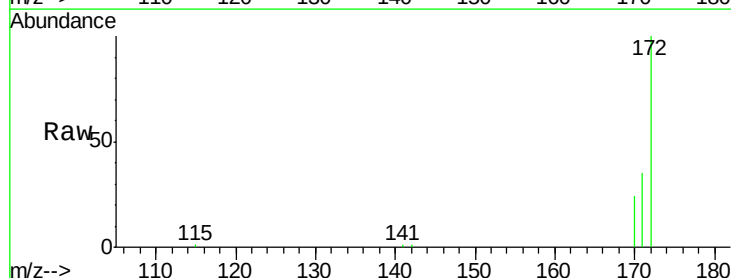


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

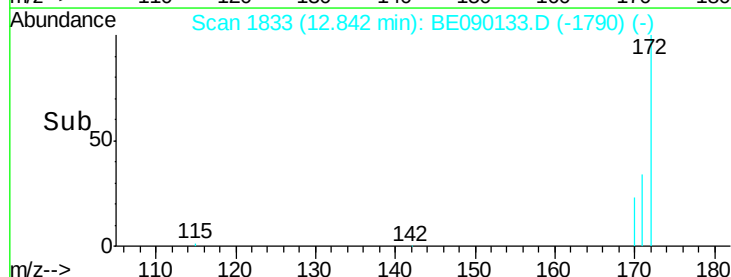
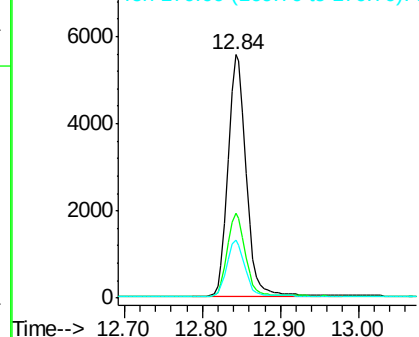


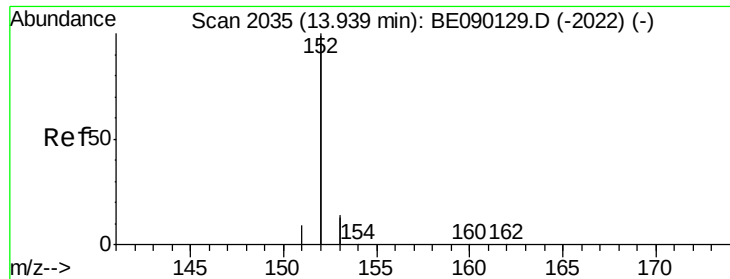
#14
 2-Fluorobiphenyl
 Concen: 0.97 ng
 RT: 12.84 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BE090133.D
 Acq: 16 Jul 2015 23:54

Tgt Ion: 172 Resp: 8969
 Ion Ratio Lower Upper
 172 100
 171 34.9 27.1 40.7
 170 23.9 17.9 26.9



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: 0.98 ng

RT: 13.94 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BE090133.D

Acq: 16 Jul 2015 23:54

Instrument :

BNA_E

ClientSampleId :

ICVBE071615

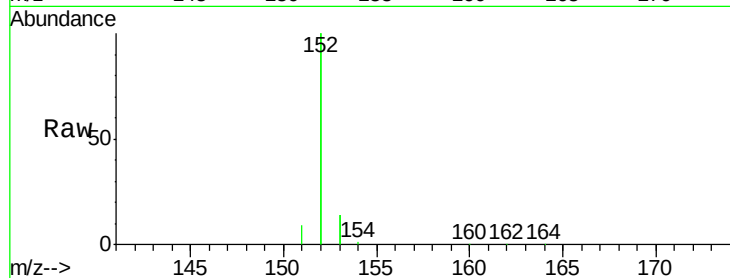
Tgt Ion:152 Resp: 52352

Ion Ratio Lower Upper

152 100

151 4.8 3.8 5.8

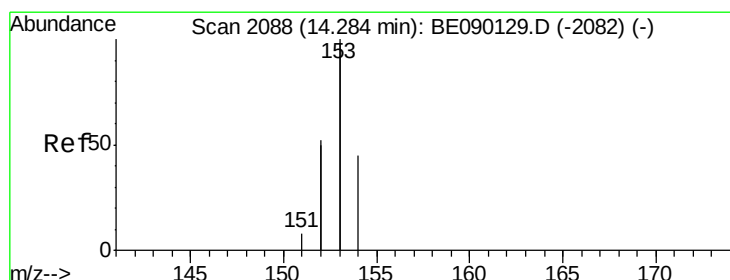
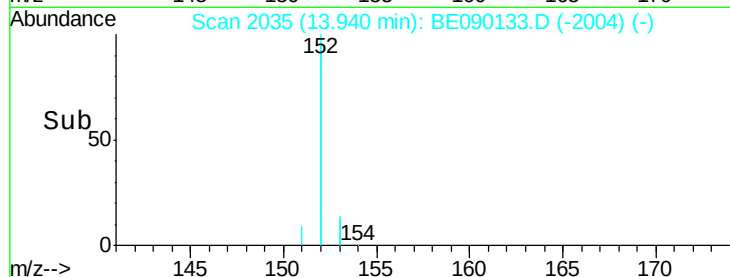
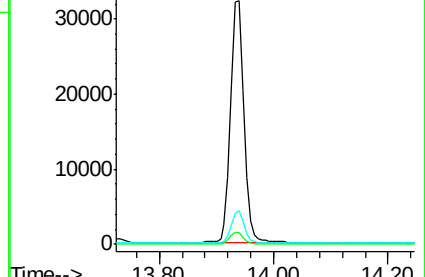
153 12.9 10.4 15.6



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: 0.97 ng

RT: 14.29 min Scan# 2088

Delta R.T. 0.00 min

Lab File: BE090133.D

Acq: 16 Jul 2015 23:54

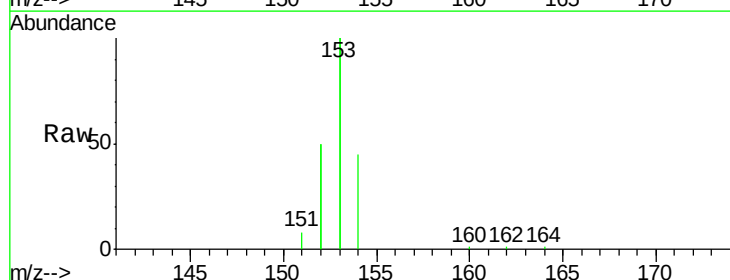
Tgt Ion:154 Resp: 7469

Ion Ratio Lower Upper

154 100

153 464.3 369.5 554.3

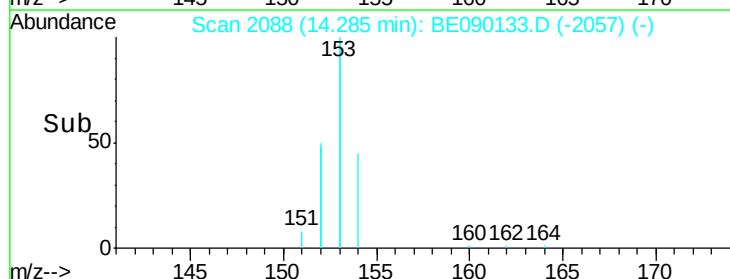
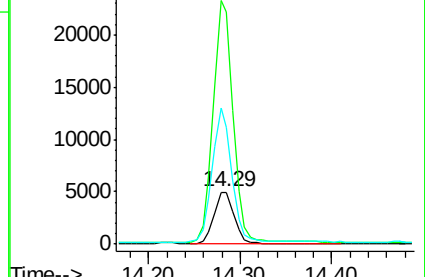
152 251.7 202.2 303.4

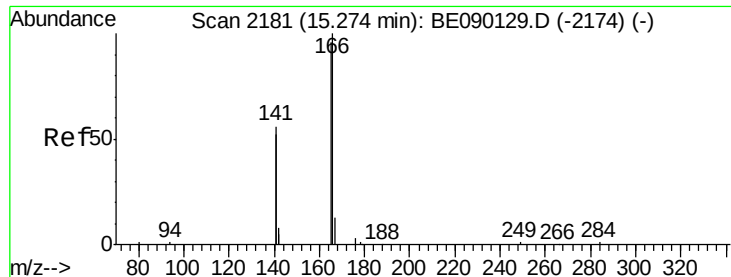


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

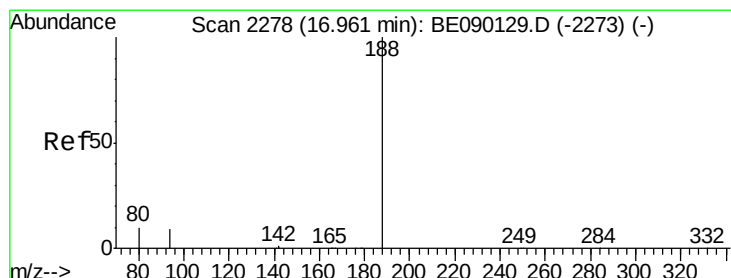
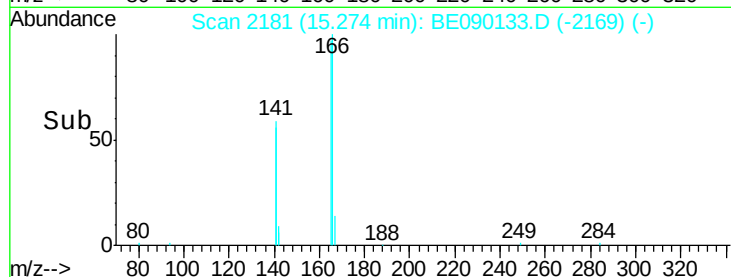
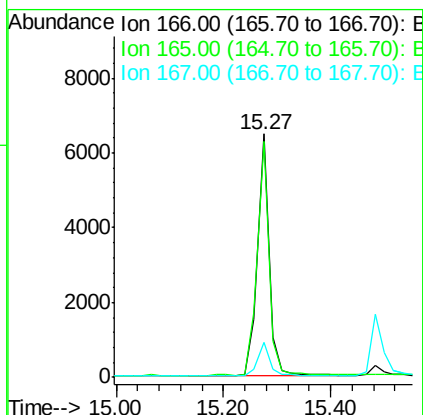
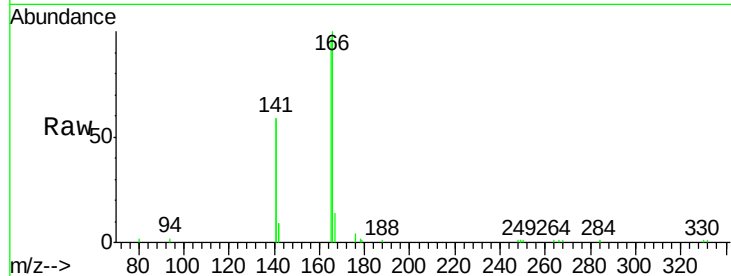




#17
Fluorene
 Concen: 0.96 ng
 RT: 15.27 min Scan# 2181
 Delta R.T. 0.00 min
 Lab File: BE090133.D
 Acq: 16 Jul 2015 23:54

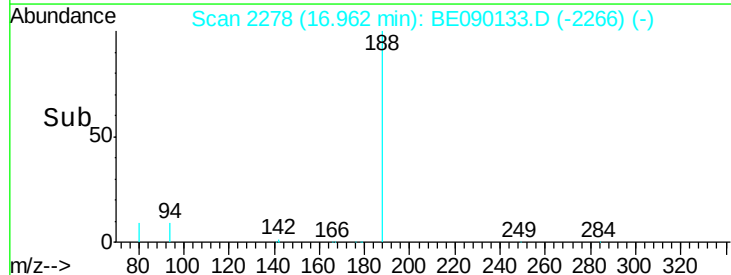
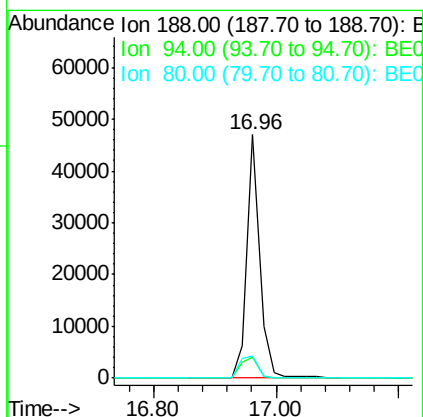
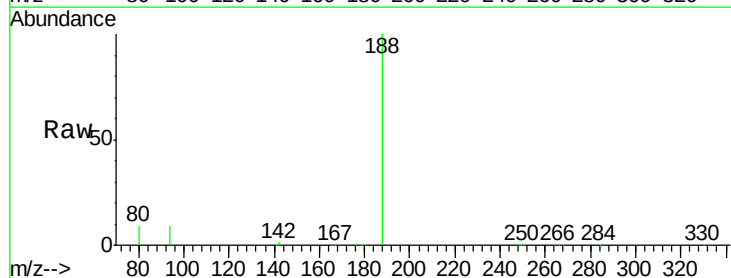
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE071615

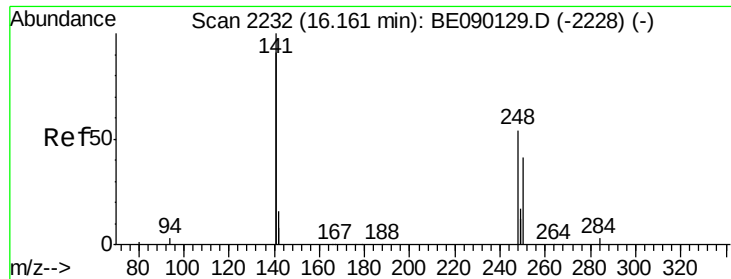
Tgt Ion:166 Resp: 9713
 Ion Ratio Lower Upper
 166 100
 165 99.0 78.7 118.1
 167 13.9 11.1 16.7



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.96 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BE090133.D
 Acq: 16 Jul 2015 23:54

Tgt Ion:188 Resp: 68140
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.3 10.9
 80 9.2 8.0 12.0

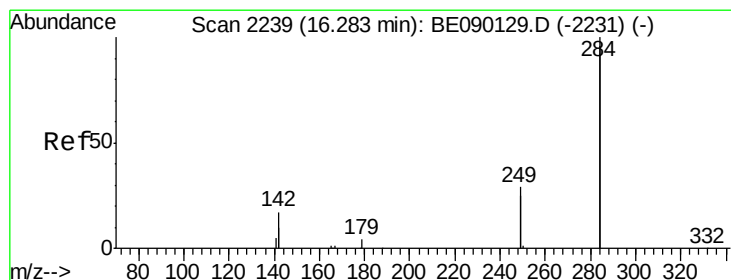
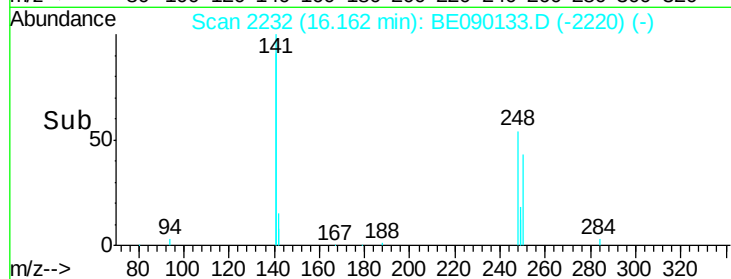
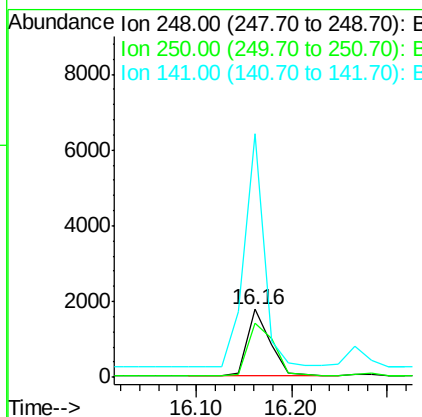
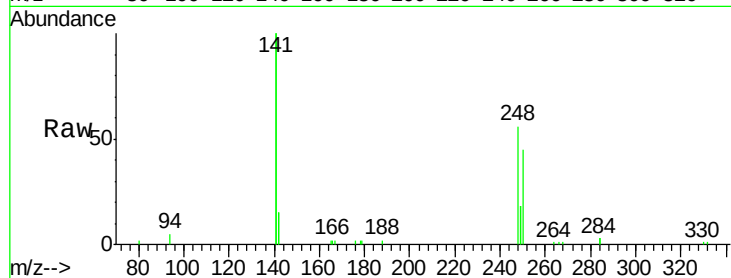




#19
4-Bromophenyl-phenylether
Concen: 0.98 ng
RT: 16.16 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BE090133.D
Acq: 16 Jul 2015 23:54

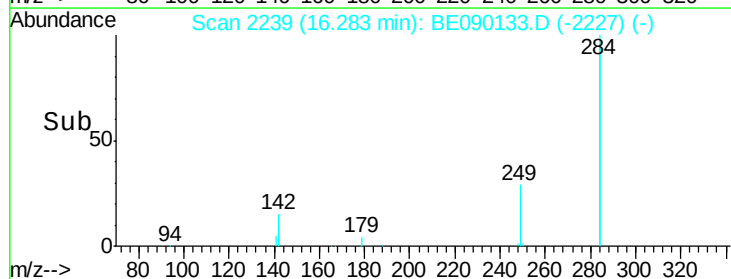
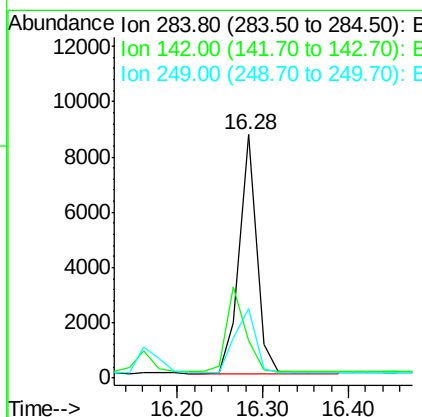
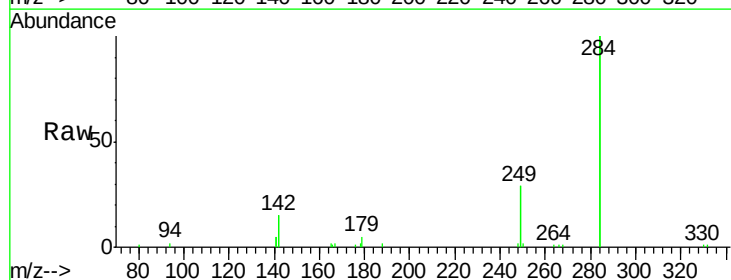
Instrument :
BNA_E
ClientSampleId :
ICVBE071615

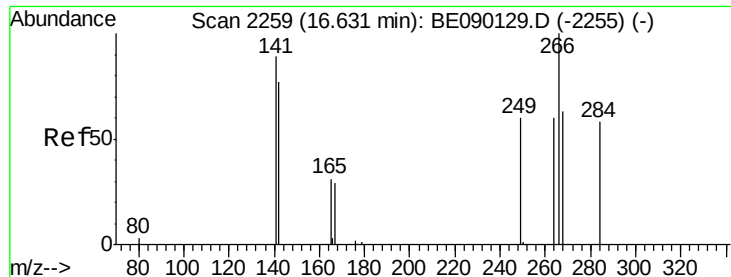
Tgt Ion:248 Resp: 2846
Ion Ratio Lower Upper
248 100
250 93.5 76.2 114.4
141 314.9 246.0 369.0



#20
Hexachlorobenzene
Concen: 0.96 ng
RT: 16.28 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BE090133.D
Acq: 16 Jul 2015 23:54

Tgt Ion:284 Resp: 12198
Ion Ratio Lower Upper
284 100
142 38.4 30.2 45.4
249 32.6 25.5 38.3





#21

Pentachlorophenol

Concen: 1.04 ng

RT: 16.63 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BE090133.D

Acq: 16 Jul 2015 23:54

Instrument :

BNA_E

ClientSampleId :

ICVBE071615

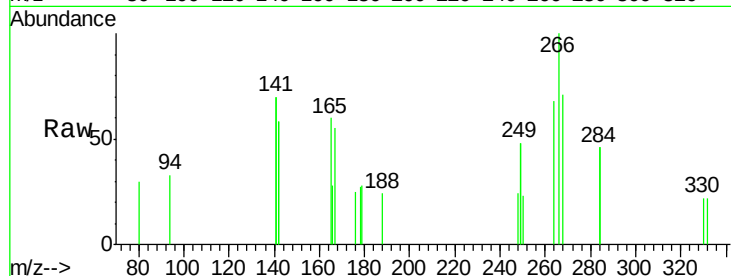
Tgt Ion:266 Resp: 413

Ion Ratio Lower Upper

266 100

268 70.5 58.2 87.2

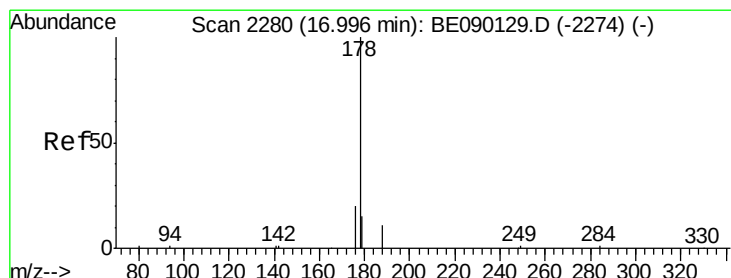
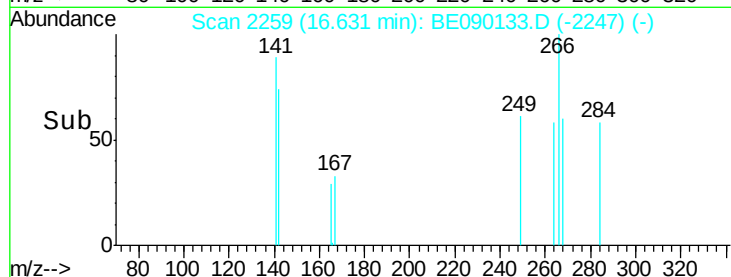
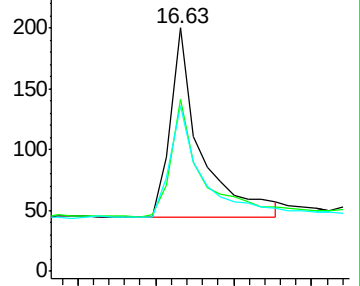
264 68.0 55.8 83.6



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: 0.96 ng

RT: 17.00 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BE090133.D

Acq: 16 Jul 2015 23:54

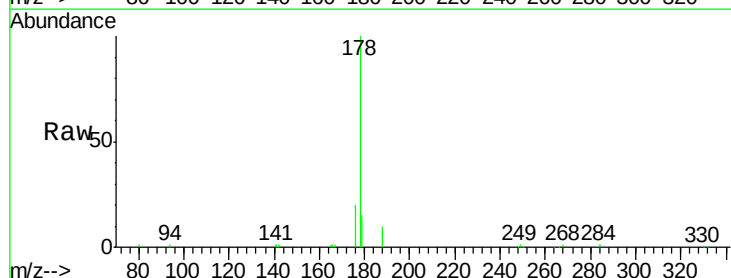
Tgt Ion:178 Resp: 16385

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

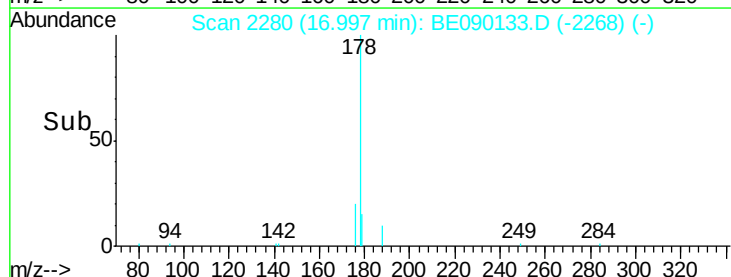
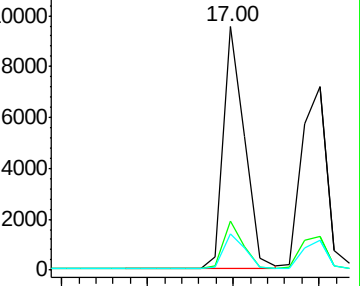
179 15.3 12.2 18.4

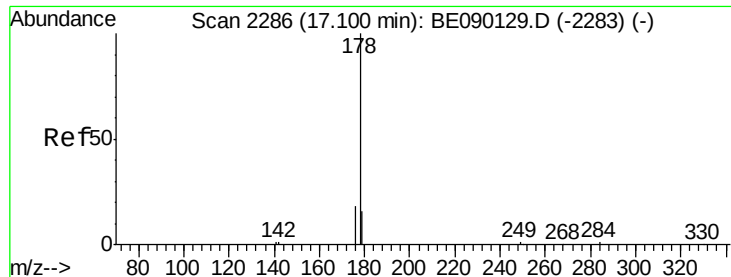


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.96 ng

RT: 17.10 min Scan# 2286

Delta R.T. 0.00 min

Lab File: BE090133.D

Acq: 16 Jul 2015 23:54

Instrument :

BNA_E

ClientSampleId :

ICVBE071615

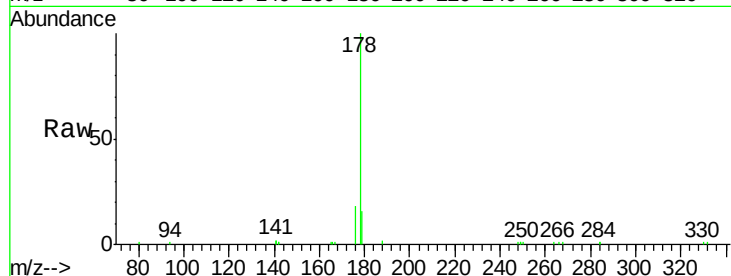
Tgt Ion:178 Resp: 14671

Ion Ratio Lower Upper

178 100

176 18.6 14.7 22.1

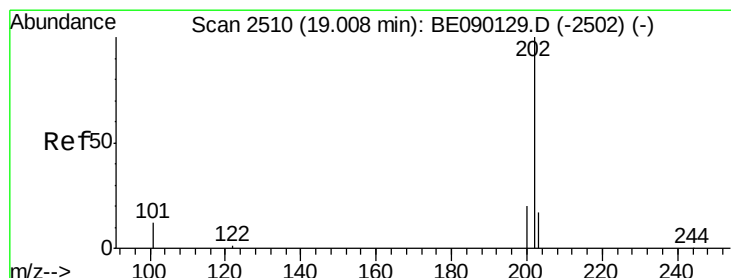
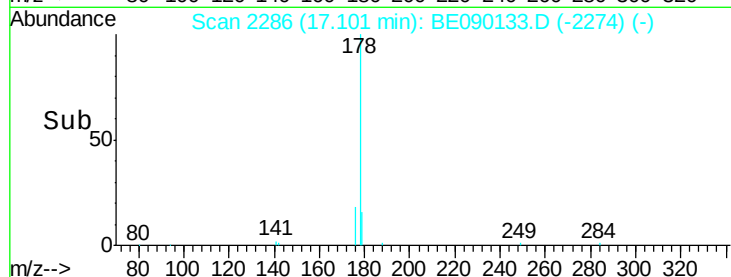
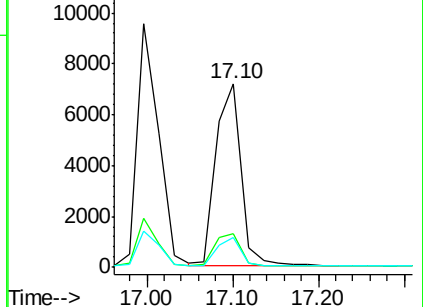
179 15.4 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene

Concen: 1.00 ng

RT: 19.01 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BE090133.D

Acq: 16 Jul 2015 23:54

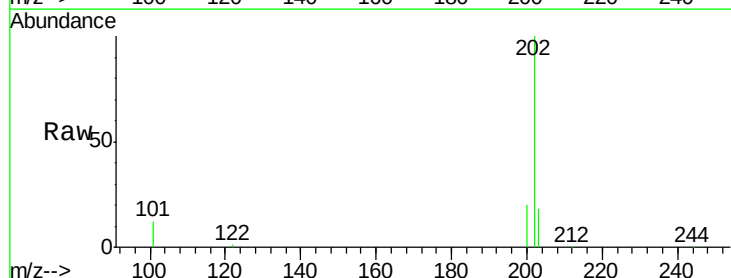
Tgt Ion:202 Resp: 16877

Ion Ratio Lower Upper

202 100

101 12.7 10.1 15.1

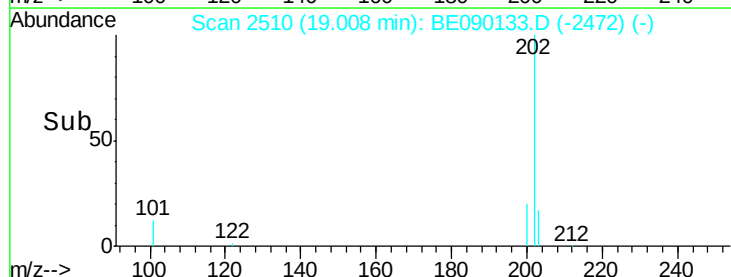
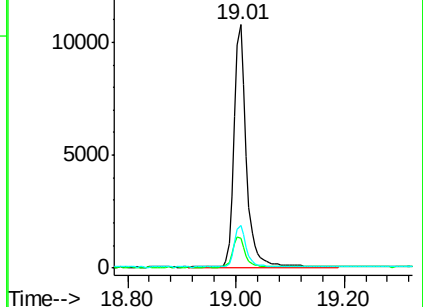
203 17.1 13.8 20.8

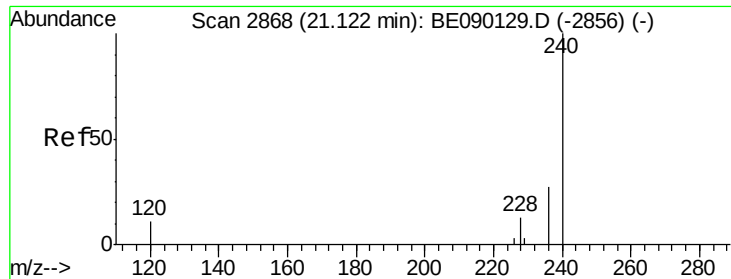


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.12 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BE090133.D

Acq: 16 Jul 2015 23:54

Instrument :

BNA_E

ClientSampleId :

ICVBE071615

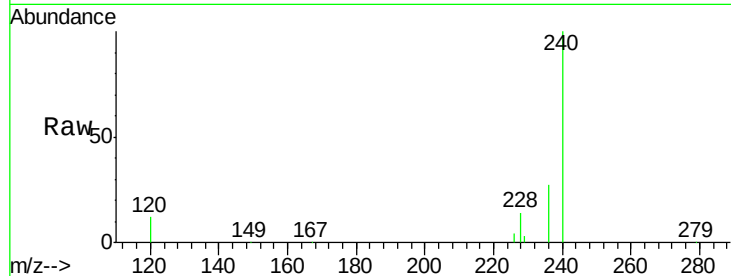
Tgt Ion:240 Resp: 68729

Ion Ratio Lower Upper

240 100

120 11.6 8.8 13.2

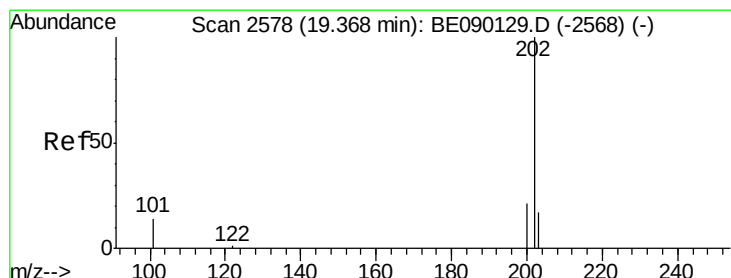
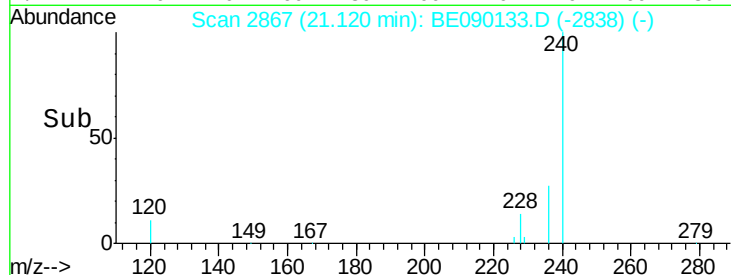
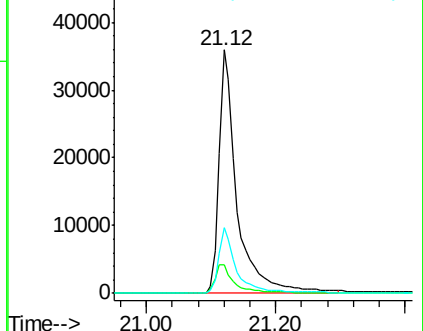
236 27.0 21.4 32.0



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: 0.93 ng

RT: 19.37 min Scan# 2578

Delta R.T. 0.00 min

Lab File: BE090133.D

Acq: 16 Jul 2015 23:54

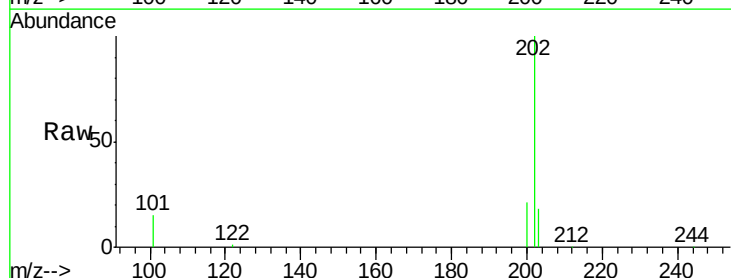
Tgt Ion:202 Resp: 17244

Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

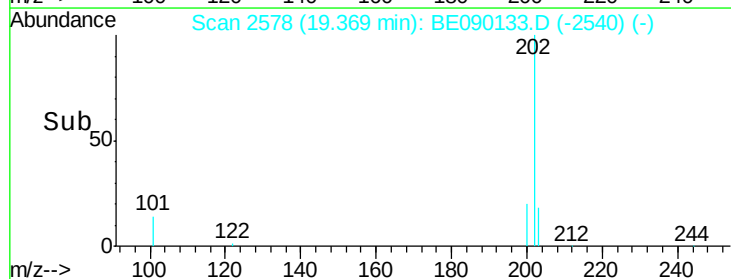
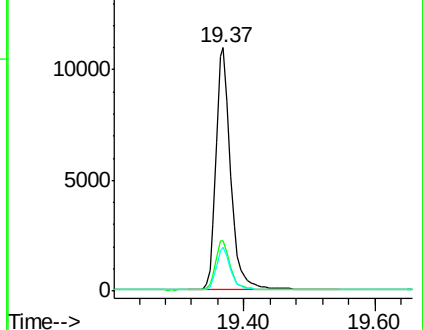
203 17.4 13.9 20.9

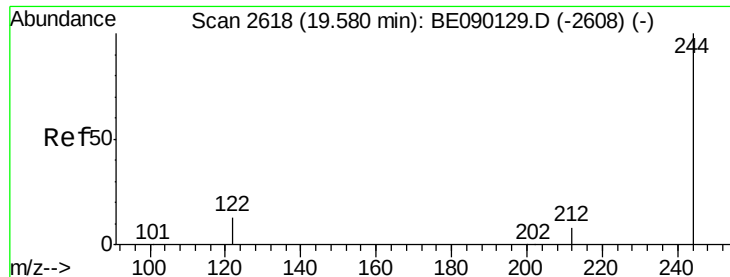


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

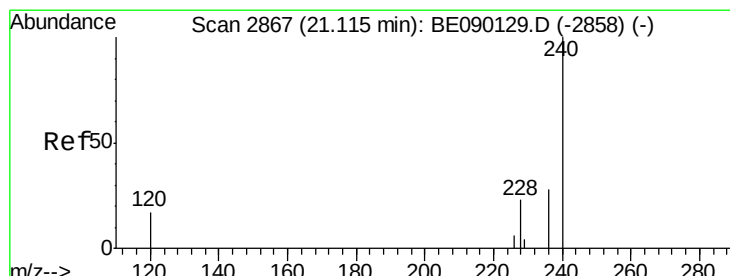
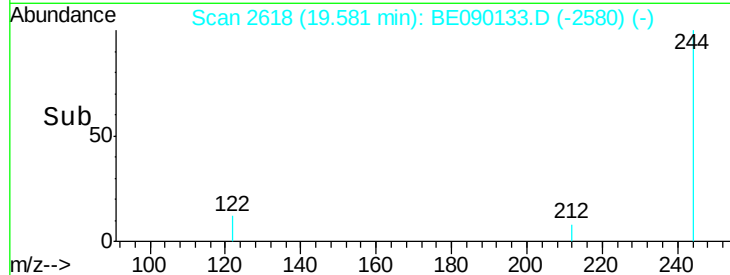
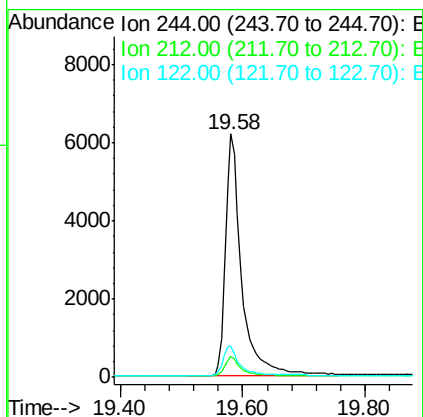
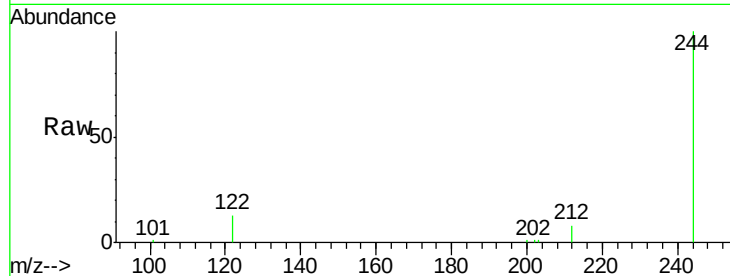




#27
 Terphenyl-d14
 Concen: 0.99 ng
 RT: 19.58 min Scan# 2618
 Delta R.T. 0.00 min
 Lab File: BE090133.D
 Acq: 16 Jul 2015 23:54

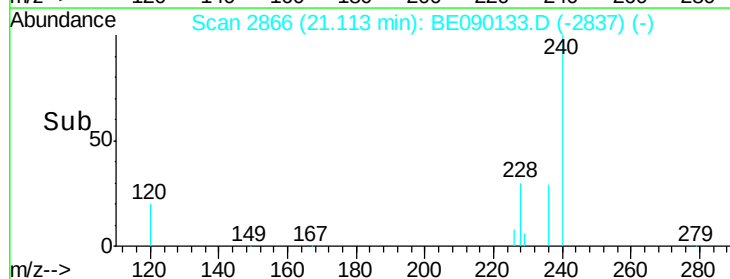
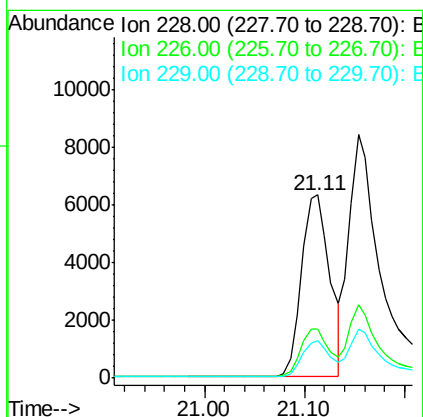
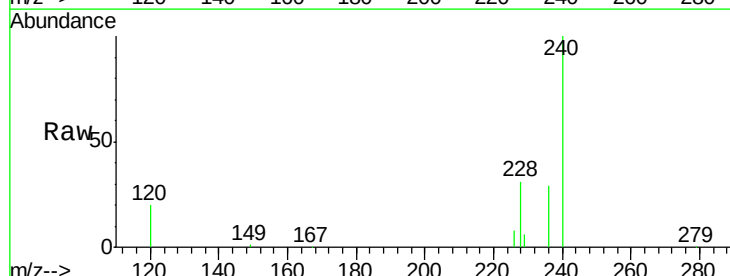
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE071615

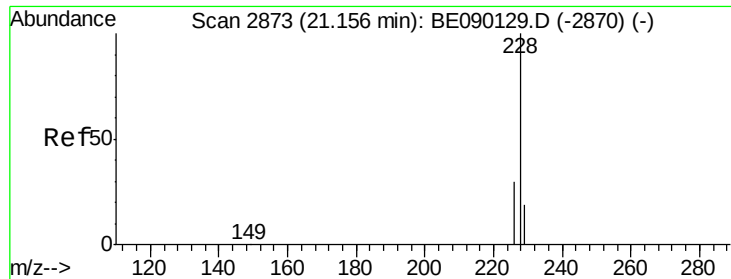
Tgt Ion:244 Resp: 11399
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.7 10.1
 122 12.9 10.7 16.1



#28
 Benzo(a)anthracene
 Concen: 1.07 ng
 RT: 21.11 min Scan# 2866
 Delta R.T. -0.00 min
 Lab File: BE090133.D
 Acq: 16 Jul 2015 23:54

Tgt Ion:228 Resp: 12471
 Ion Ratio Lower Upper
 228 100
 226 26.7 21.3 31.9
 229 20.2 16.1 24.1





#29

Chrysene

Concen: 1.04 ng

RT: 21.15 min Scan# 2872

Delta R.T. -0.00 min

Lab File: BE090133.D

Acq: 16 Jul 2015 23:54

Instrument :

BNA_E

ClientSampleId :

ICVBE071615

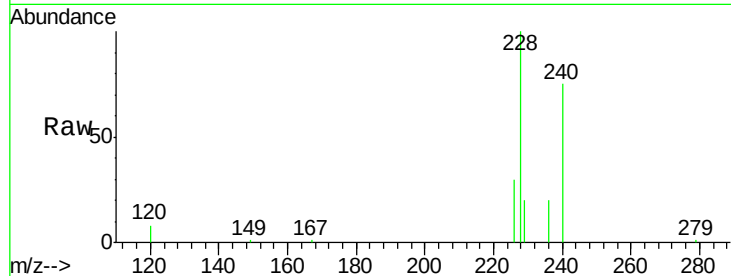
Tgt Ion:228 Resp: 19056

Ion Ratio Lower Upper

228 100

226 30.0 23.5 35.3

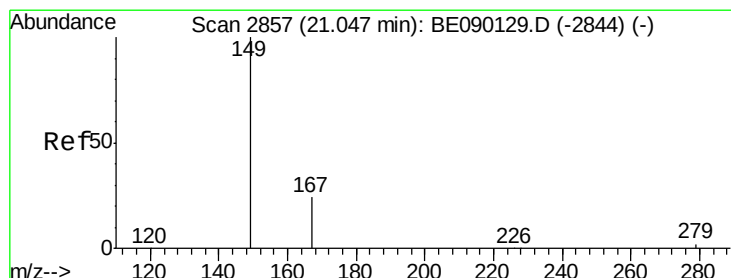
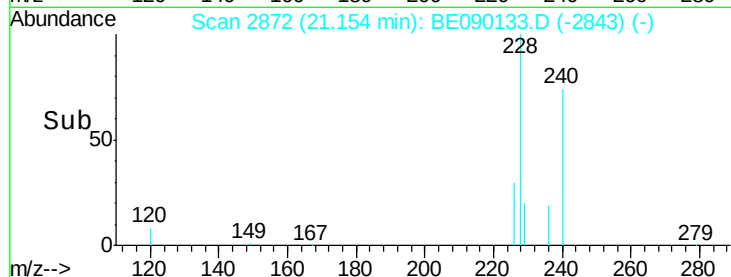
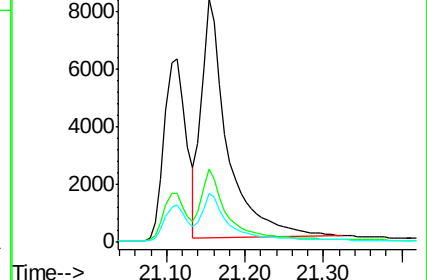
229 20.3 16.0 24.0



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.98 ng

RT: 21.05 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BE090133.D

Acq: 16 Jul 2015 23:54

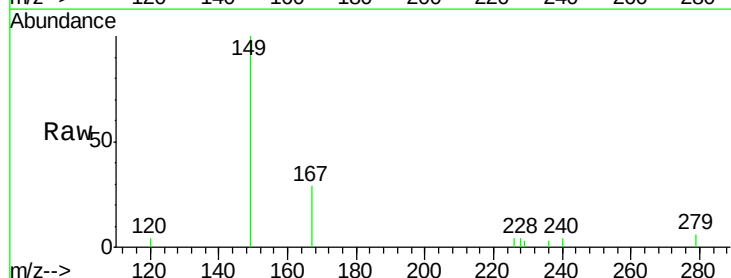
Tgt Ion:149 Resp: 2342

Ion Ratio Lower Upper

149 100

167 23.8 18.6 27.8

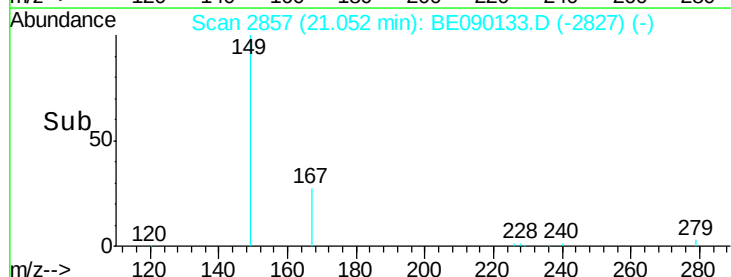
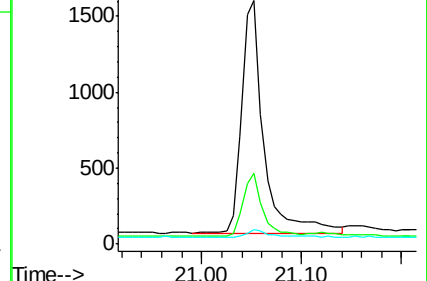
279 3.5 2.2 3.4#

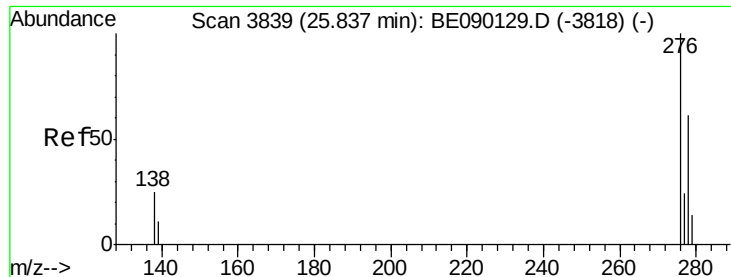


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.18 ng

RT: 25.83 min Scan# 3838

Delta R.T. -0.00 min

Lab File: BE090133.D

Acq: 16 Jul 2015 23:54

Instrument :

BNA_E

ClientSampleId :

ICVBE071615

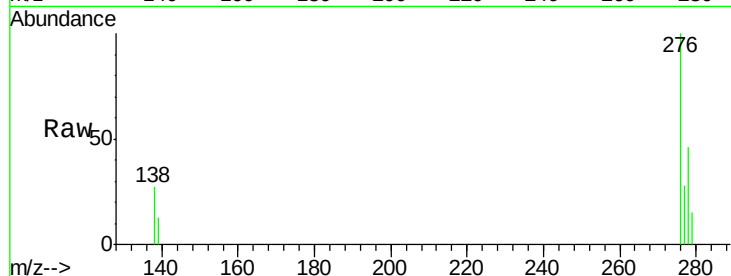
Tgt Ion:276 Resp: 4968

Ion Ratio Lower Upper

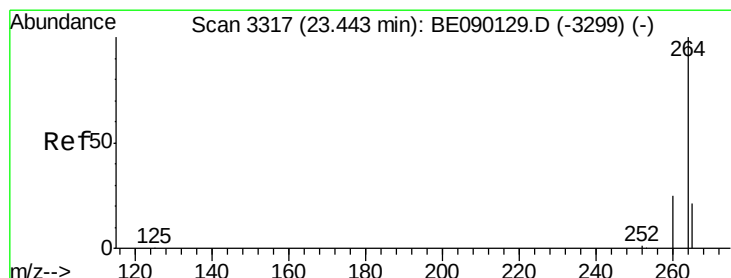
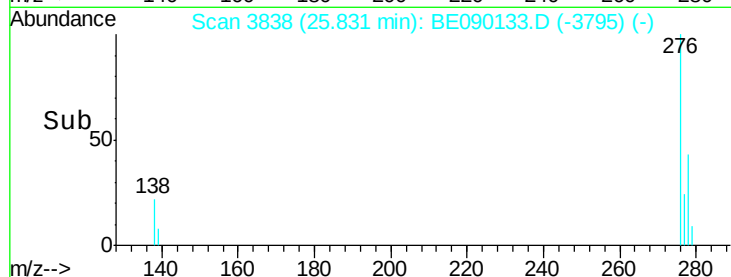
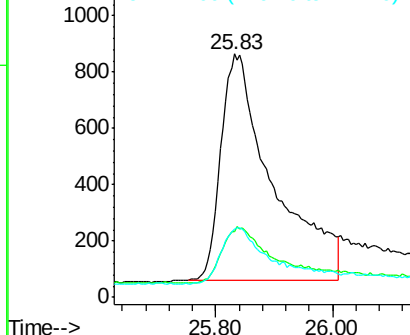
276 100

138 26.3 17.3 25.9#

277 24.7 17.3 25.9



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: 23.44 min Scan# 3317

Delta R.T. 0.00 min

Lab File: BE090133.D

Acq: 16 Jul 2015 23:54

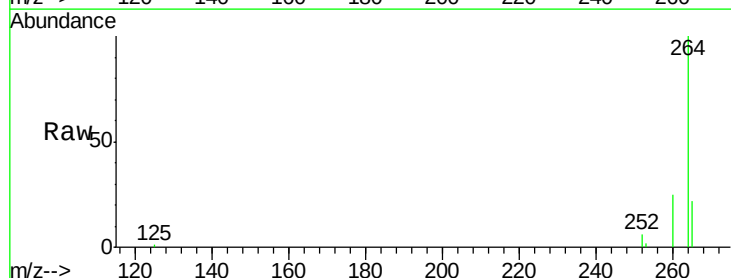
Tgt Ion:264 Resp: 50807

Ion Ratio Lower Upper

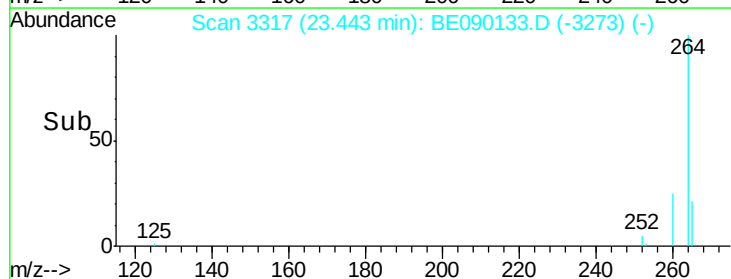
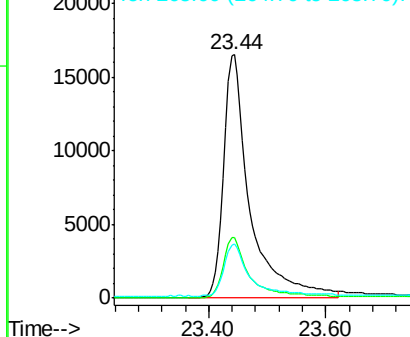
264 100

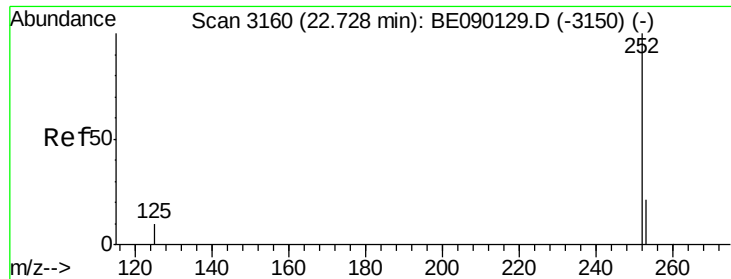
260 24.7 19.9 29.9

265 22.0 17.8 26.8



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: 1.32 ng

RT: 22.73 min Scan# 3161

Delta R.T. 0.01 min

Lab File: BE090133.D

Acq: 16 Jul 2015 23:54

Instrument :

BNA_E

ClientSampleId :

ICVBE071615

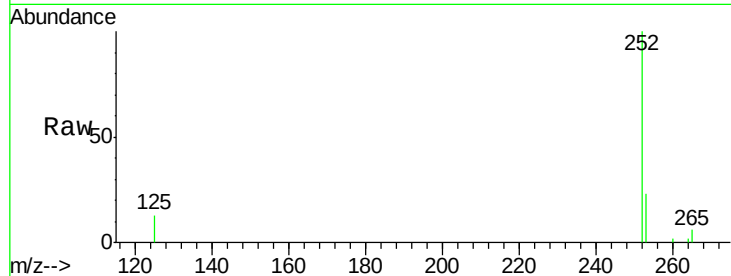
Tgt Ion:252 Resp: 4892

Ion Ratio Lower Upper

252 100

253 23.5 19.0 28.6

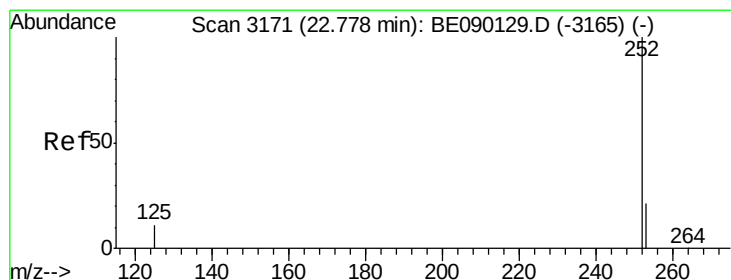
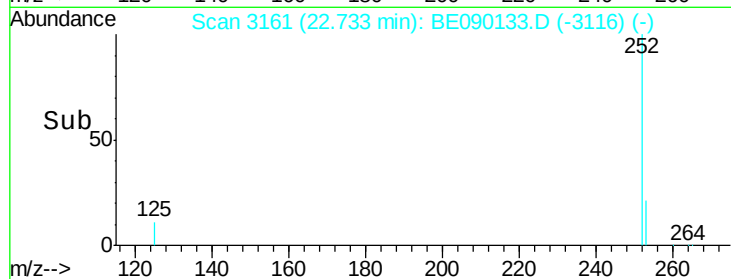
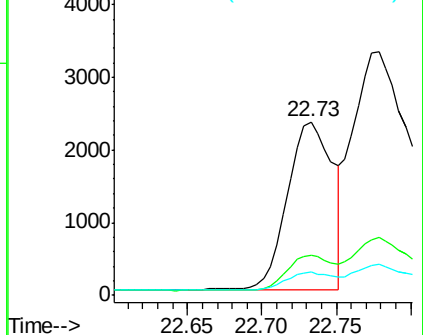
125 13.4 10.7 16.1



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: 0.95 ng

RT: 22.78 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BE090133.D

Acq: 16 Jul 2015 23:54

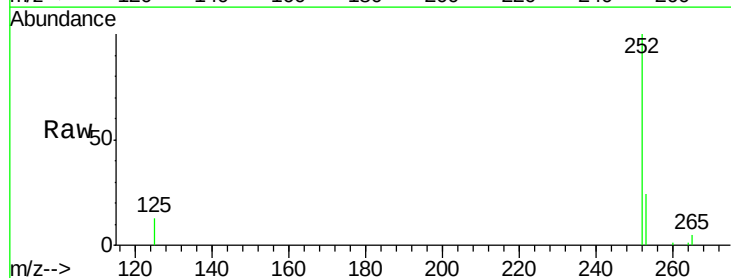
Tgt Ion:252 Resp: 12231

Ion Ratio Lower Upper

252 100

253 23.7 18.7 28.1

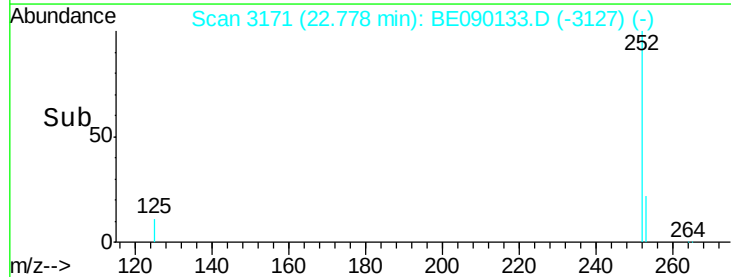
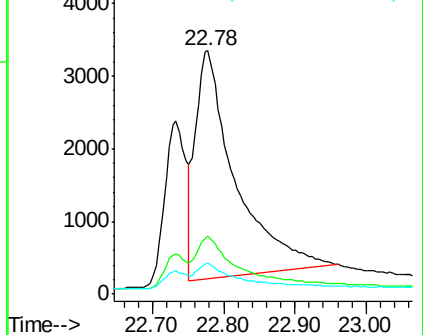
125 12.6 10.5 15.7

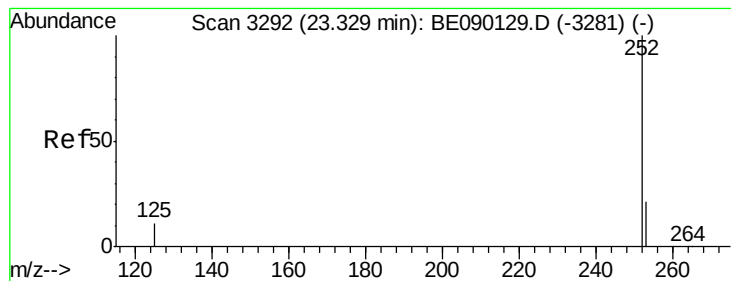


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.94 ng

RT: 23.33 min Scan# 3293

Delta R.T. 0.01 min

Lab File: BE090133.D

Acq: 16 Jul 2015 23:54

Instrument :

BNA_E

ClientSampleId :

ICVBE071615

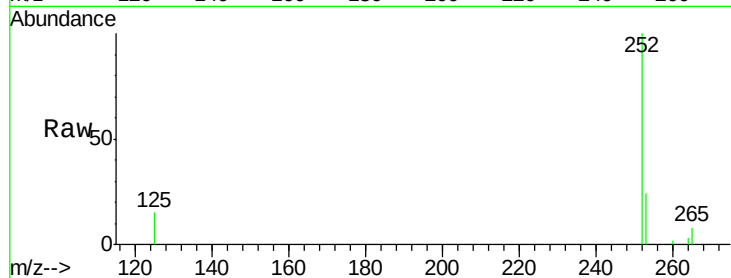
Tgt Ion: 252 Resp: 5915

Ion Ratio Lower Upper

252 100

253 24.3 19.4 29.2

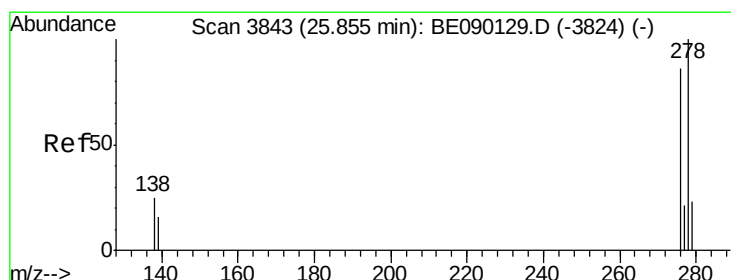
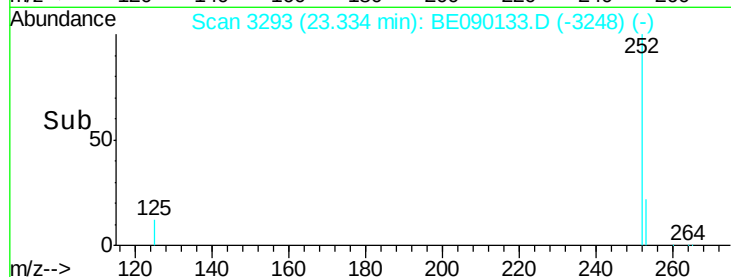
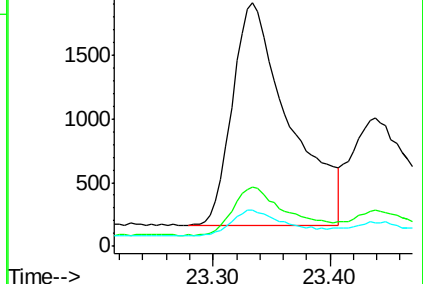
125 15.0 11.9 17.9



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: 1.25 ng

RT: 25.85 min Scan# 3842

Delta R.T. -0.00 min

Lab File: BE090133.D

Acq: 16 Jul 2015 23:54

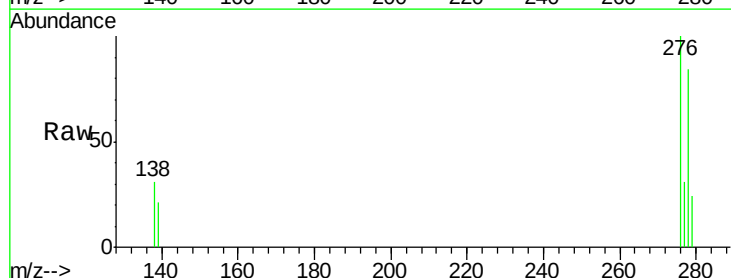
Tgt Ion: 278 Resp: 3432

Ion Ratio Lower Upper

278 100

139 24.6 18.3 27.5

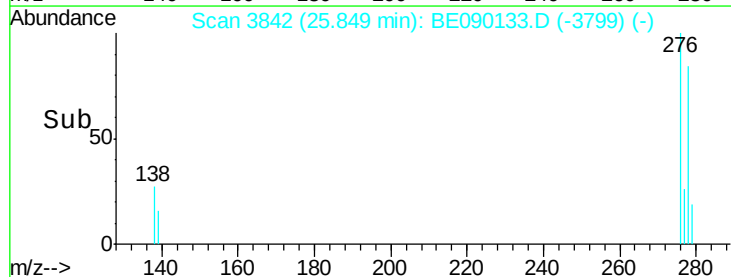
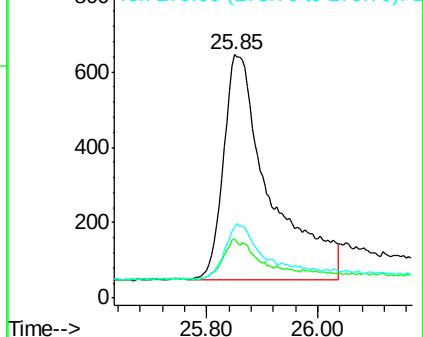
279 28.9 23.3 34.9

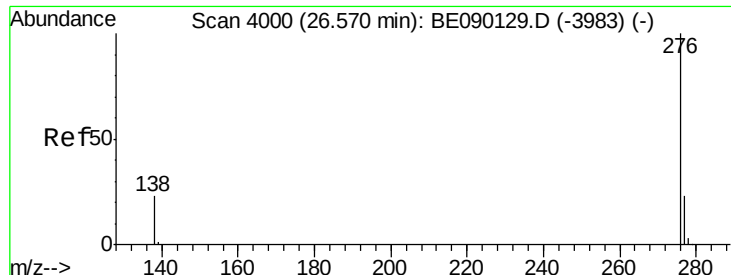


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 0.94 ng

RT: 26.58 min Scan# 4002

Delta R.T. 0.01 min

Lab File: BE090133.D

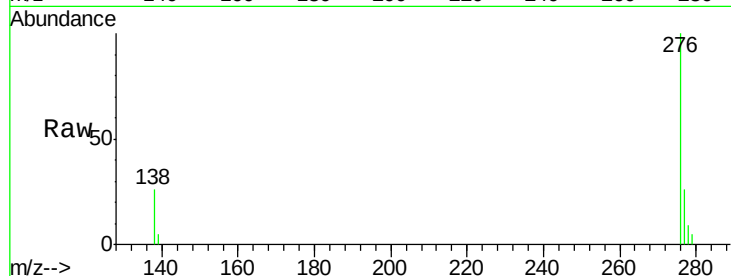
Acq: 16 Jul 2015 23:54

Instrument :

BNA_E

ClientSampleId :

ICVBE071615



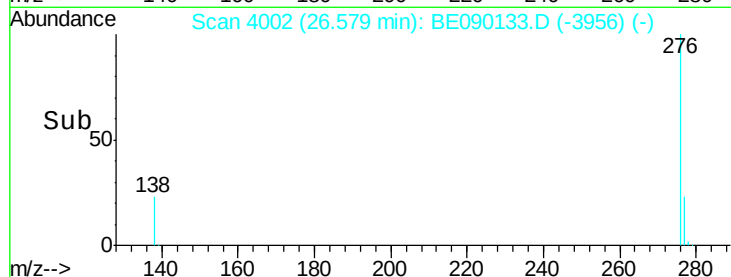
Tgt Ion: 276 Resp: 6328

Ion Ratio Lower Upper

276 100

277 25.9 22.0 33.0

138 26.2 22.0 33.0



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

