

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071715\
 Data File : BE090153.D
 Acq On : 17 Jul 2015 19:46
 Operator : TP/IZ
 Sample : SSTDICC002
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC002

Quant Time: Jul 18 00:02:38 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 17 23:58:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	13323	5.00	ng	0.00
6) Naphthalene-d8	10.36	136	63962	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	36299	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	91757	5.00	ng	0.00
25) Chrysene-d12	21.12	240	108748	5.00	ng	0.00
32) Perylene-d12	23.43	264	111967	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.24	112	5671	1.95	ng	0.00
5) Phenol-d6	6.79	99	7613	1.87	ng	0.00
7) Nitrobenzene-d5	8.75	82	7754	1.66	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	1635	2.45	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	18902	1.70	ng	0.00
27) Terphenyl-d14	19.58	244	32357	1.78	ng	0.00

Target Compounds

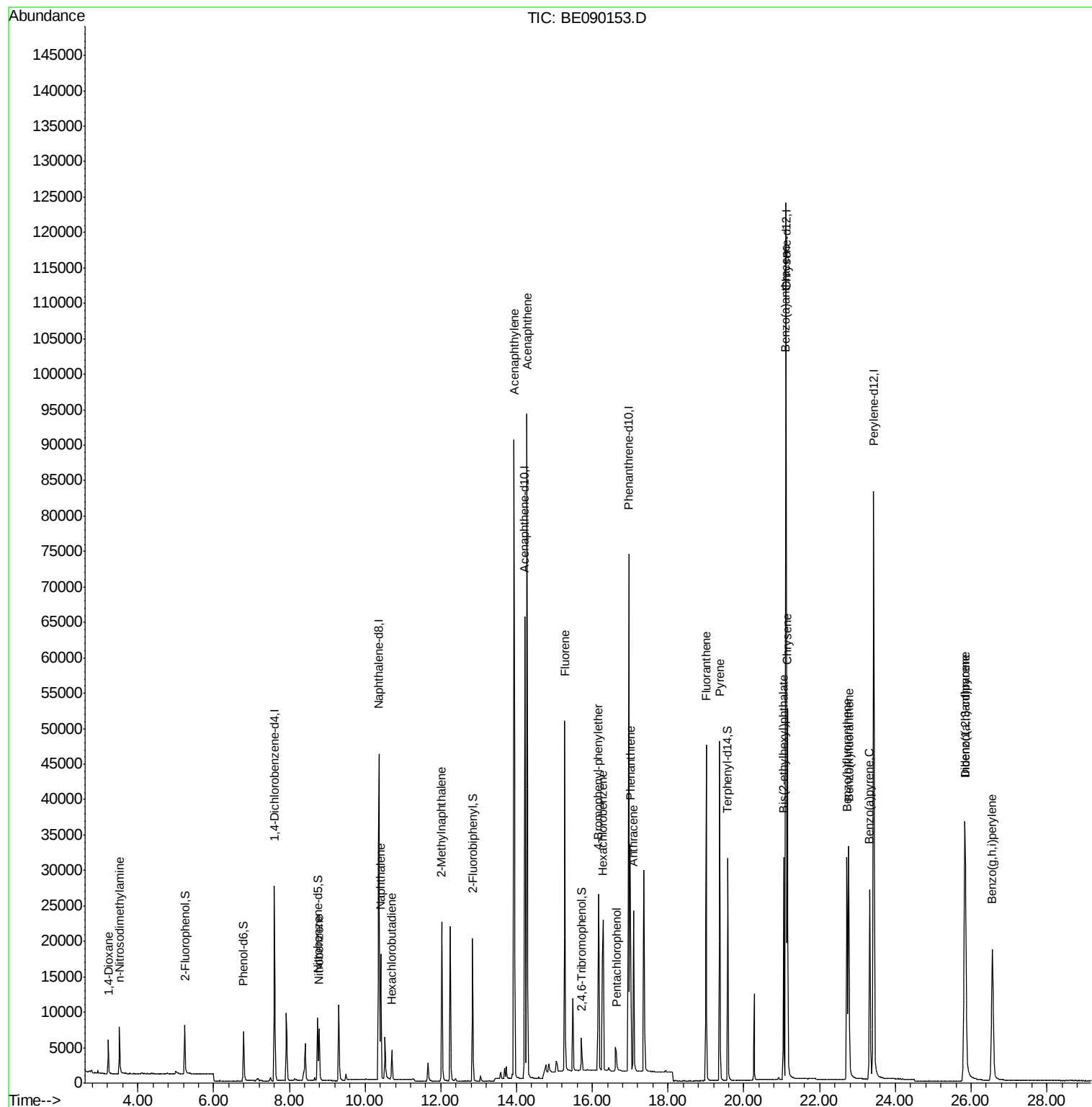
						Qvalue
2) 1,4-Dioxane	3.22	88	2734	1.55	ng	99
3) n-Nitrosodimethylamine	3.51	42	4218	1.97	ng	# 94
8) Nitrobenzene	8.79	77	7881	1.61	ng	97
9) Naphthalene	10.41	128	23937	1.66	ng	98
10) Hexachlorobutadiene	10.71	225	2923	1.25	ng	99
11) 2-Methylnaphthalene	12.03	142	16496	1.78	ng	97
15) Acenaphthylene	13.93	152	115217	1.78	ng	100
16) Acenaphthene	14.28	154	16197	1.74	ng	99
17) Fluorene	15.27	166	21439	1.75	ng	100
19) 4-Bromophenyl-phenylether	16.16	248	6019	1.56	ng	95
20) Hexachlorobenzene	16.28	284	21117	1.29	ng	97
21) Pentachlorophenol	16.63	266	2254	2.91	ng	92
22) Phenanthrene	17.00	178	35598	1.56	ng	100
23) Anthracene	17.08	178	34656	1.71	ng	100
24) Fluoranthene	19.00	202	41402	1.81	ng	100
26) Pyrene	19.36	202	43186	1.50	ng	100
28) Benzo(a)anthracene	21.10	228	43609	2.25	ng	98
29) Chrysene	21.15	228	44006	1.38	ng	96
30) Bis(2-ethylhexyl)phthalate	21.05	149	25221	4.79	ng	99
31) Indeno(1,2,3-cd)pyrene	25.83	276	53356	5.60	ng	100
33) Benzo(b)fluoranthene	22.72	252	41946	3.96	ng	99
34) Benzo(k)fluoranthene	22.77	252	47398	2.00	ng	98
35) Benzo(a)pyrene	23.32	252	40910	3.05	ng	99
36) Dibenzo(a,h)anthracene	25.85	278	43390	5.13	ng	99
37) Benzo(g,h,i)perylene	26.56	276	43964	3.11	ng	100

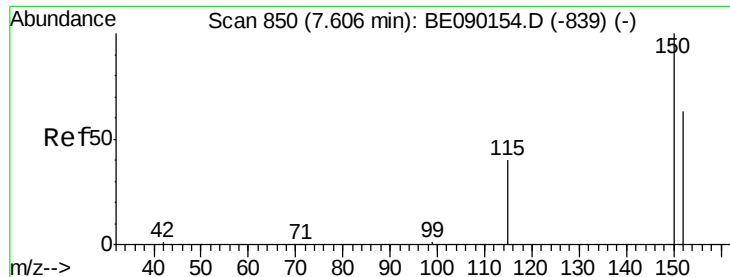
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 850

Delta R.T. 0.00 min

Lab File: BE090153.D

Acq: 17 Jul 2015 19:46

Instrument :

BNA_E

ClientSampleId :

SSTDICC002

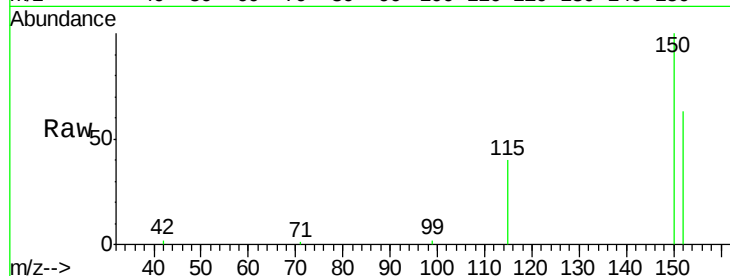
Tgt Ion:152 Resp: 13323

Ion Ratio Lower Upper

152 100

150 158.1 127.2 190.8

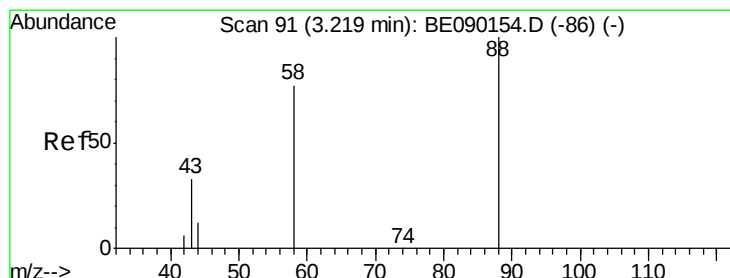
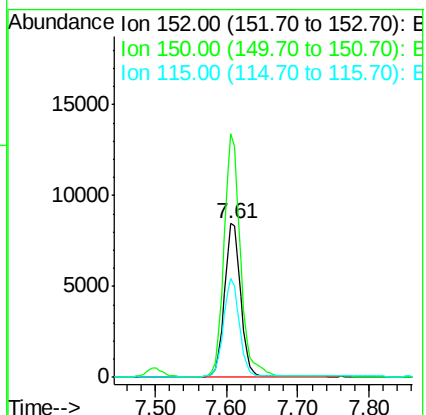
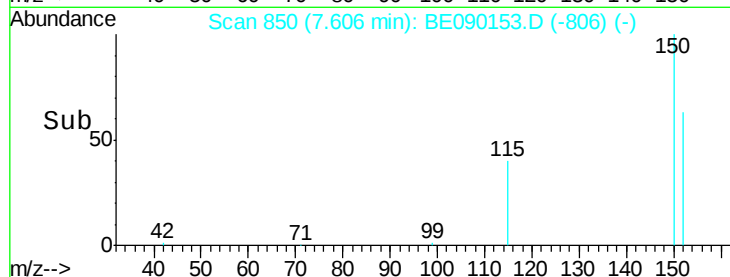
115 63.9 51.6 77.4



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: 1.55 ng

RT: 3.22 min Scan# 92

Delta R.T. 0.00 min

Lab File: BE090153.D

Acq: 17 Jul 2015 19:46

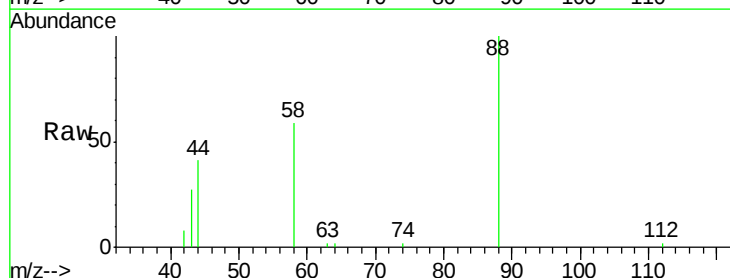
Tgt Ion: 88 Resp: 2734

Ion Ratio Lower Upper

88 100

58 73.8 58.2 87.2

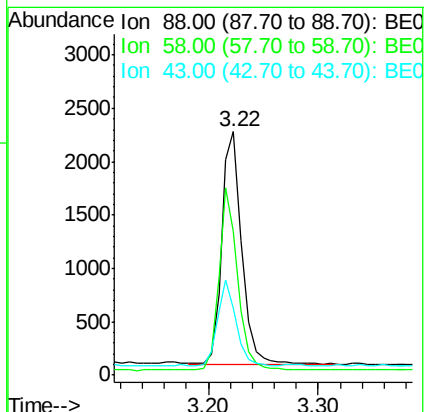
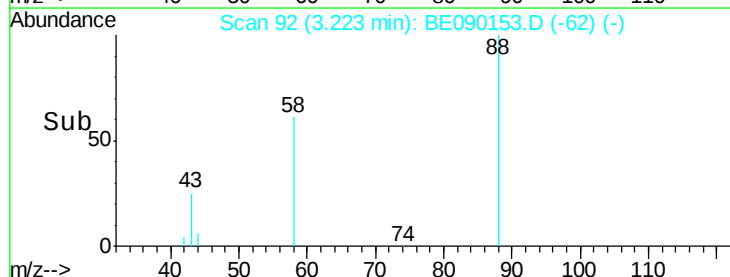
43 34.2 27.7 41.5

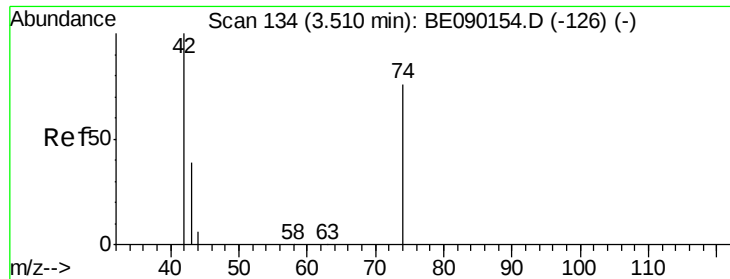


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



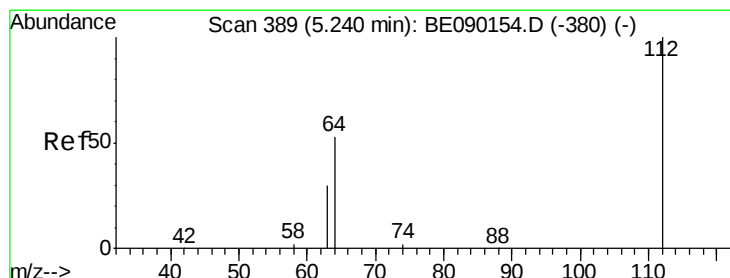
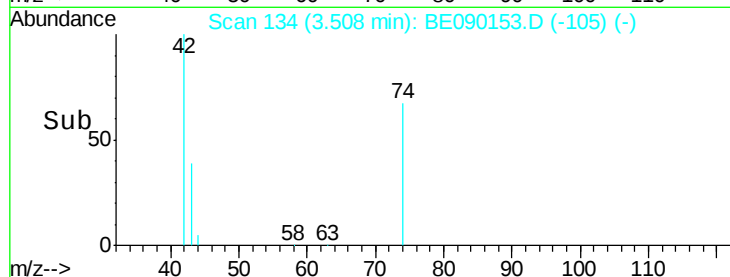
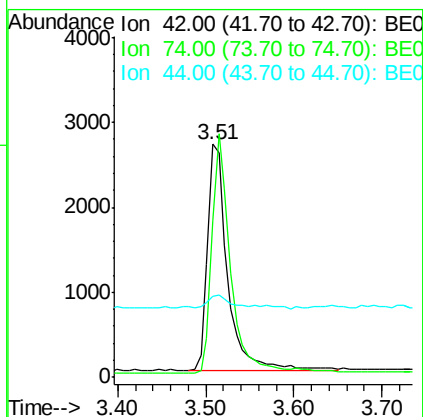
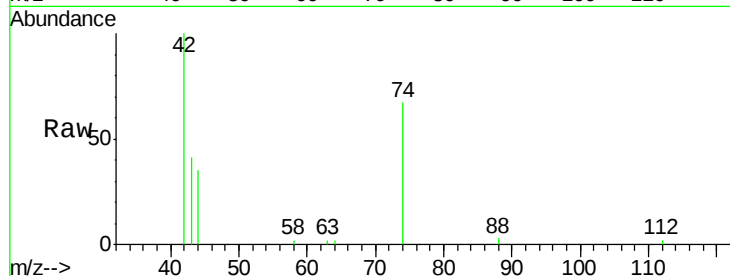


#3

n-Nitrosodimethylamine
 Concen: 1.97 ng
 RT: 3.51 min Scan# 134
 Delta R.T. -0.00 min
 Lab File: BE090153.D
 Acq: 17 Jul 2015 19:46

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC002

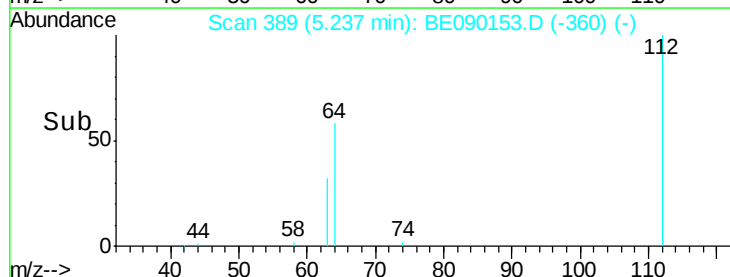
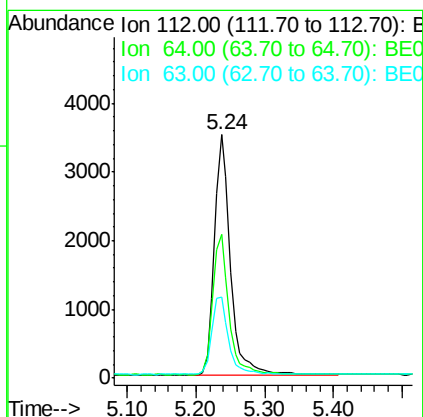
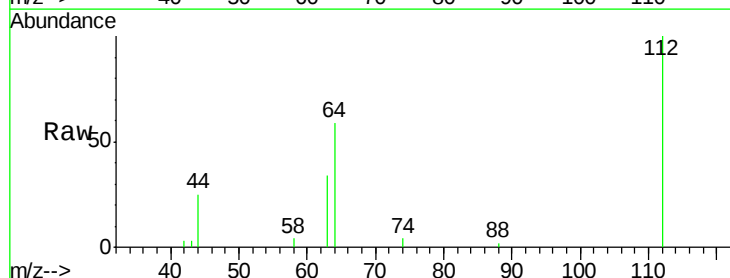
Tgt Ion: 42 Resp: 4218
 Ion Ratio Lower Upper
 42 100
 74 97.1 82.2 123.4
 44 5.4 7.5 11.3#

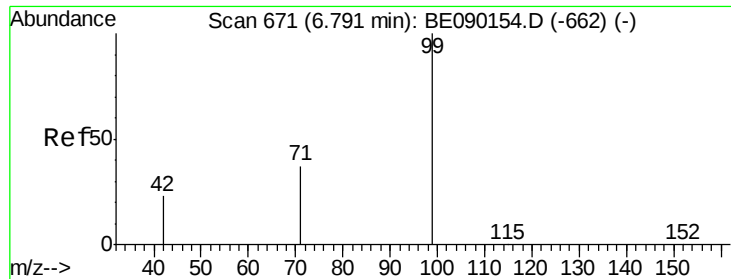


#4

2-Fluorophenol
 Concen: 1.95 ng
 RT: 5.24 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: BE090153.D
 Acq: 17 Jul 2015 19:46

Tgt Ion: 112 Resp: 5671
 Ion Ratio Lower Upper
 112 100
 64 58.9 46.7 70.1
 63 34.5 27.3 40.9





#5

Phenol-d6

Concen: 1.87 ng

RT: 6.79 min Scan# 671

Delta R.T. 0.00 min

Lab File: BE090153.D

Acq: 17 Jul 2015 19:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC002

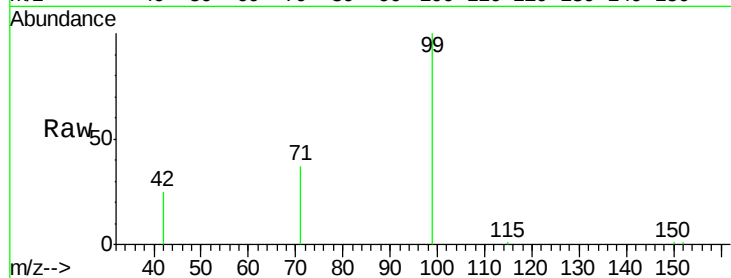
Tgt Ion: 99 Resp: 7613

Ion Ratio Lower Upper

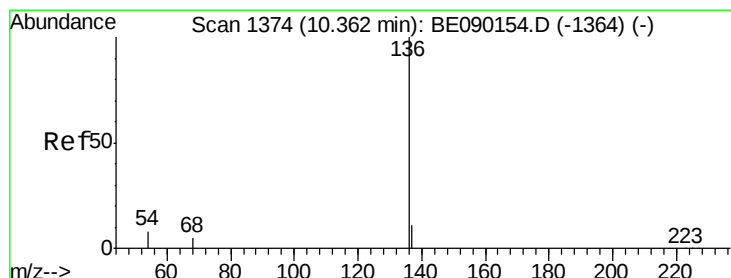
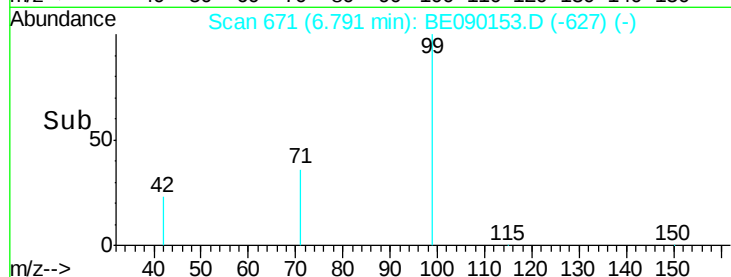
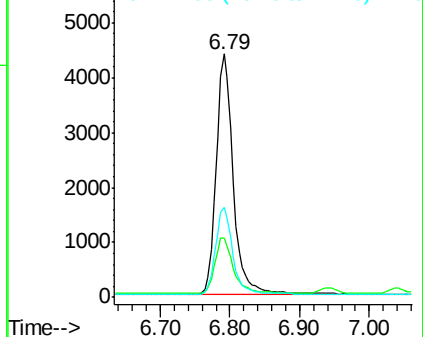
99 100

42 25.0 19.1 28.7

71 36.8 29.4 44.2



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: 10.36 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE090153.D

Acq: 17 Jul 2015 19:46

Tgt Ion: 136 Resp: 63962

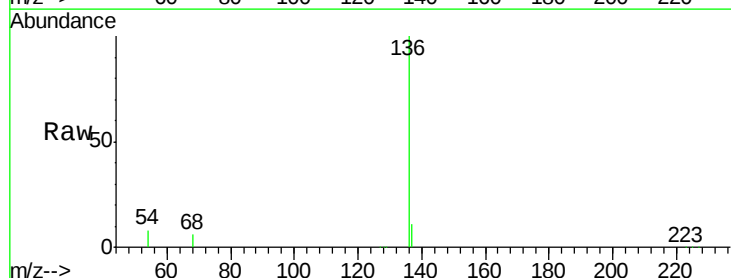
Ion Ratio Lower Upper

136 100

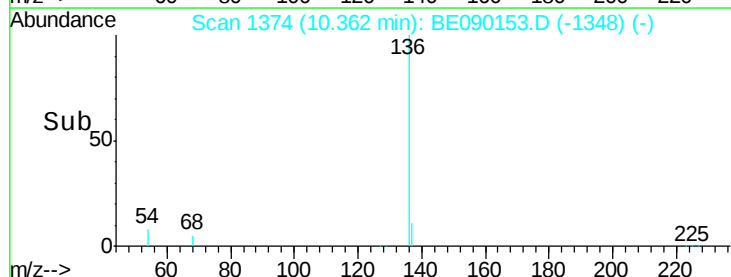
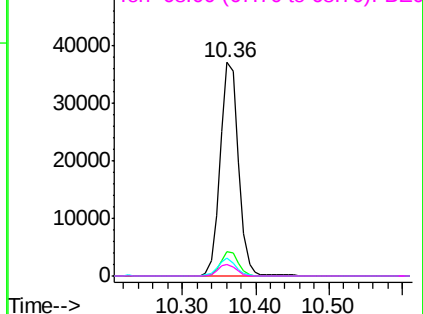
137 11.1 8.9 13.3

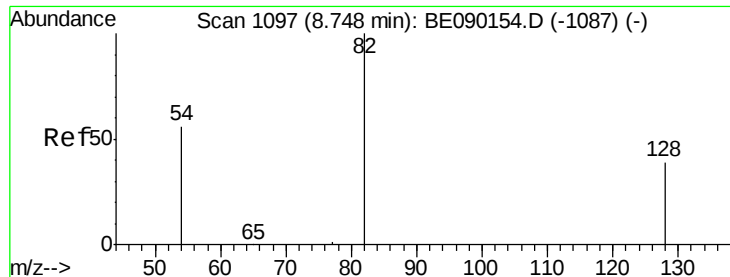
54 8.1 6.3 9.5

68 5.5 4.3 6.5



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: 1.66 ng

RT: 8.75 min Scan# 1097

Delta R.T. -0.00 min

Lab File: BE090153.D

Acq: 17 Jul 2015 19:46

Instrument :

BNA_E

ClientSampleId :

SSTDICC002

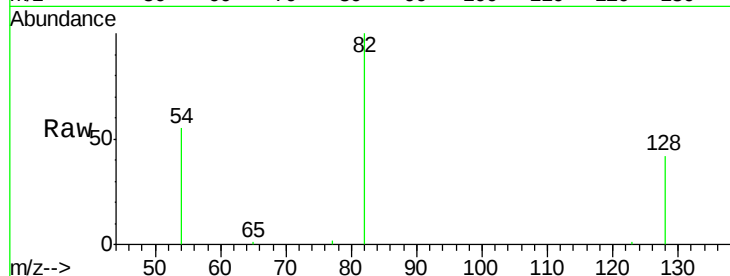
Tgt Ion: 82 Resp: 7754

Ion Ratio Lower Upper

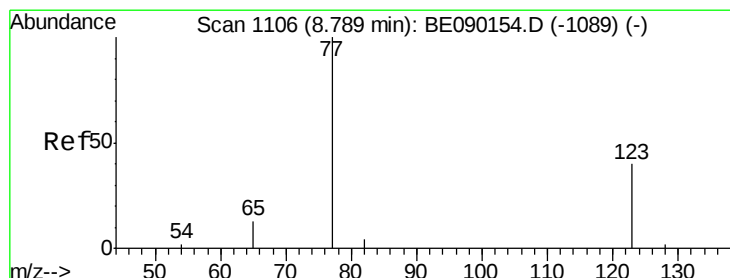
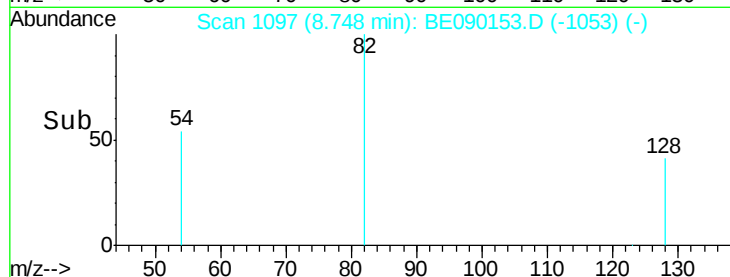
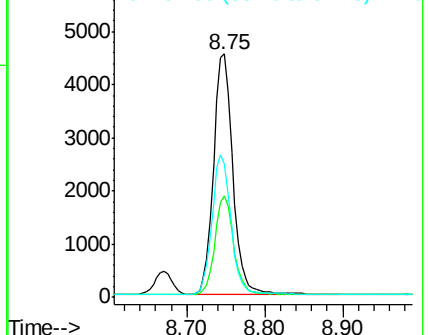
82 100

128 41.9 32.7 49.1

54 55.0 45.9 68.9



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: 1.61 ng

RT: 8.79 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BE090153.D

Acq: 17 Jul 2015 19:46

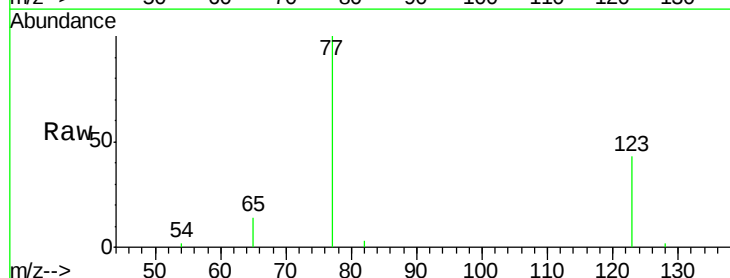
Tgt Ion: 77 Resp: 7881

Ion Ratio Lower Upper

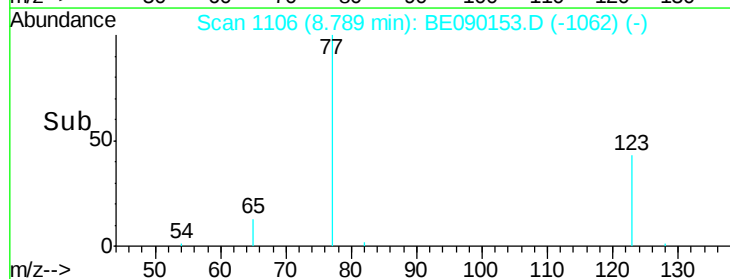
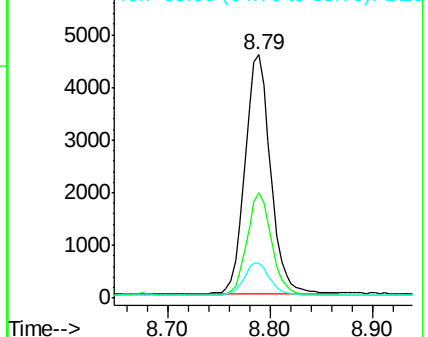
77 100

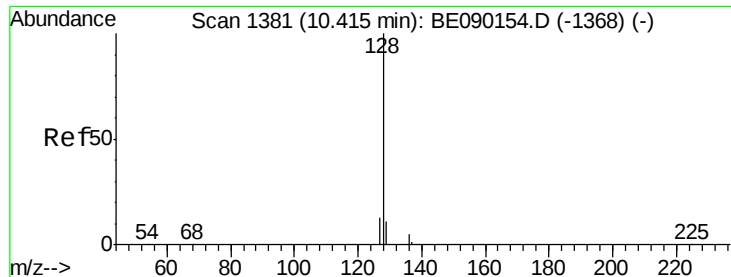
123 42.3 32.3 48.5

65 13.4 10.4 15.6



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: 1.66 ng

RT: 10.41 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BE090153.D

Acq: 17 Jul 2015 19:46

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ClientSampleId :

SSTDICC002

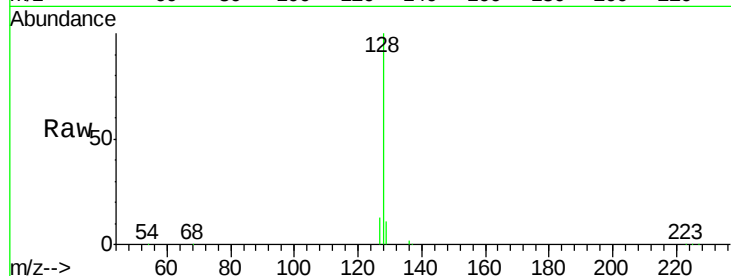
Tgt Ion:128 Resp: 23937

Ion Ratio Lower Upper

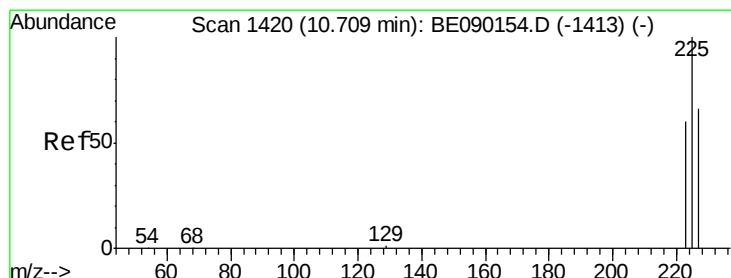
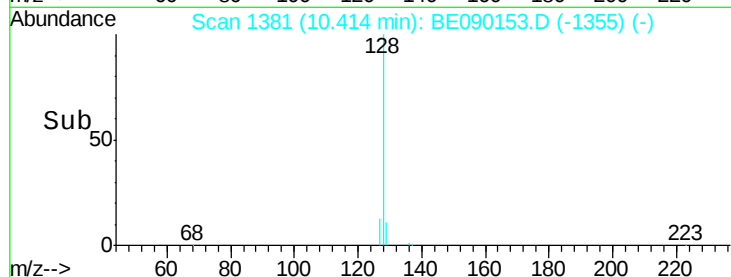
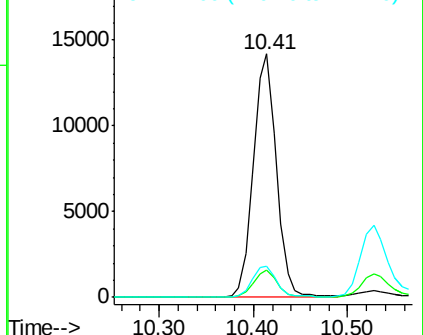
128 100

129 11.2 9.8 14.6

127 13.0 10.7 16.1



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: 1.25 ng

RT: 10.71 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BE090153.D

Acq: 17 Jul 2015 19:46

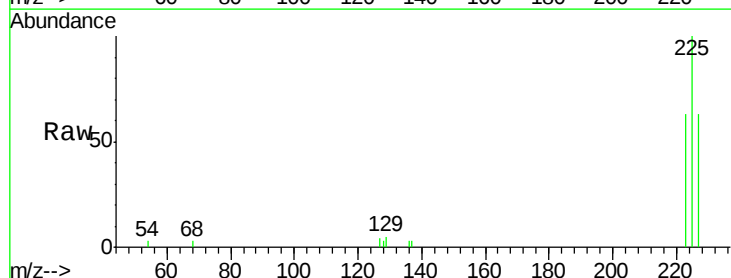
Tgt Ion:225 Resp: 2923

Ion Ratio Lower Upper

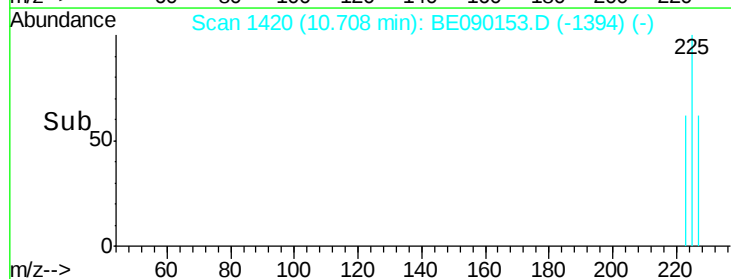
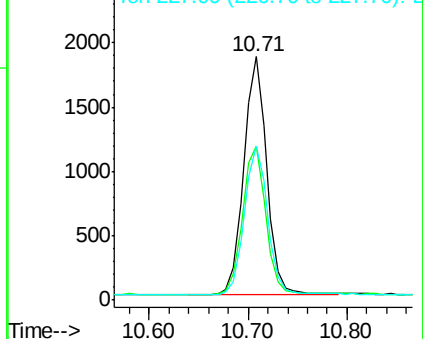
225 100

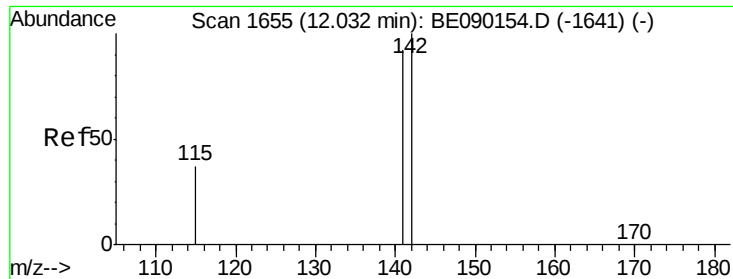
223 63.2 50.3 75.5

227 63.5 51.3 76.9



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

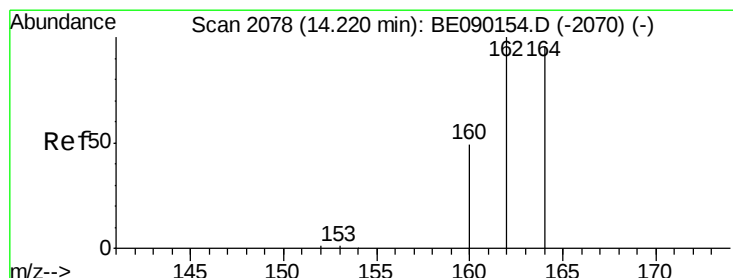
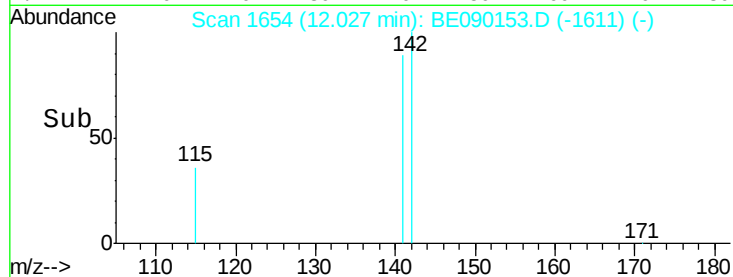
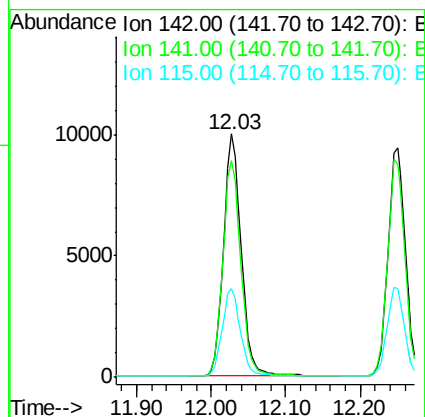
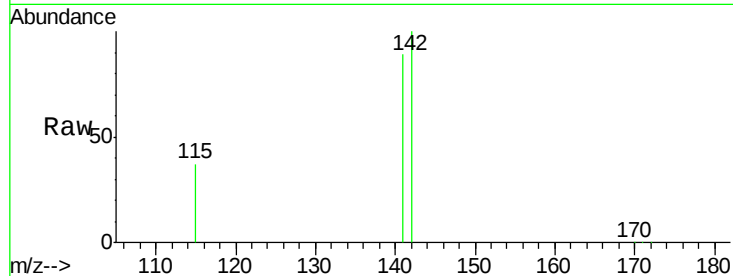




#11
2-Methylnaphthalene
Concen: 1.78 ng
RT: 12.03 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE090153.D
Acq: 17 Jul 2015 19:46

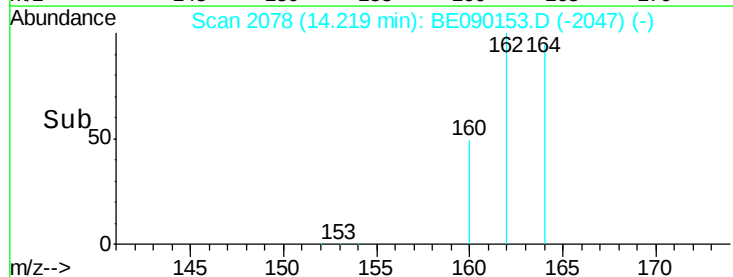
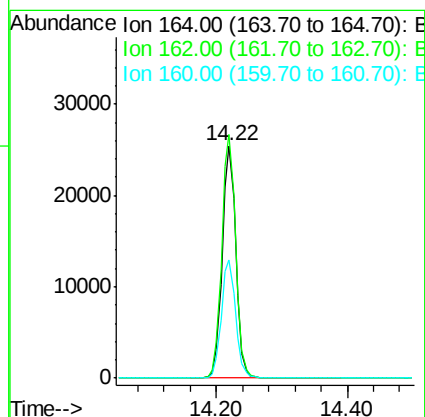
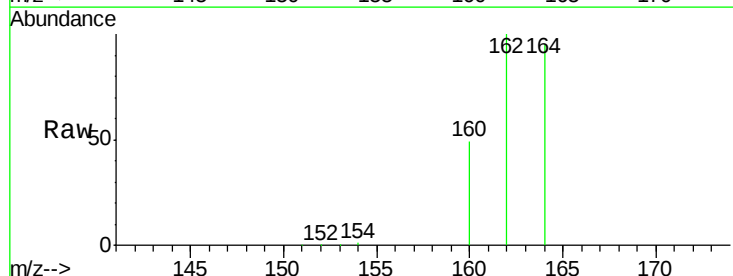
Instrument :
BNA_E
ClientSampleId :
SSTDICC002

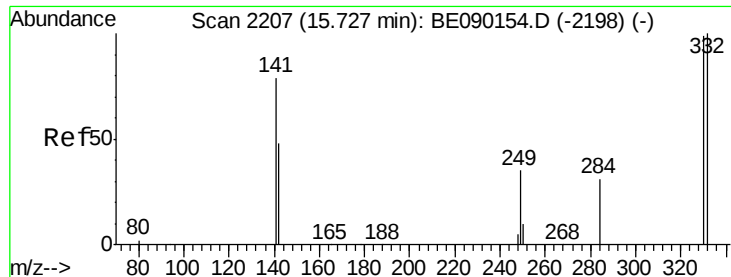
Tgt Ion:142 Resp: 16496
Ion Ratio Lower Upper
142 100
141 89.1 73.9 110.9
115 36.5 30.0 45.0



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BE090153.D
Acq: 17 Jul 2015 19:46

Tgt Ion:164 Resp: 36299
Ion Ratio Lower Upper
164 100
162 104.7 83.3 124.9
160 50.9 40.9 61.3

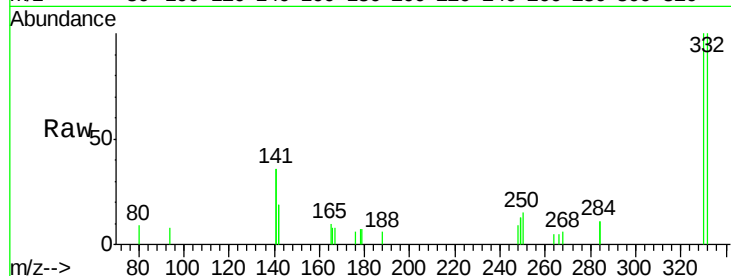




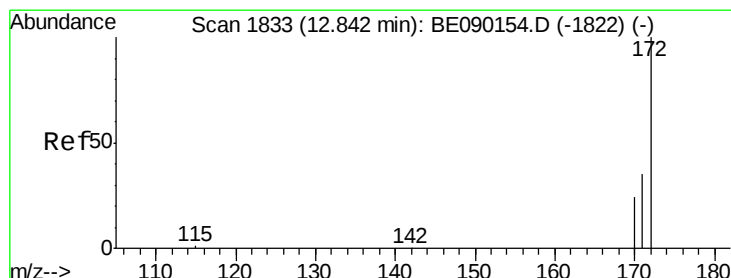
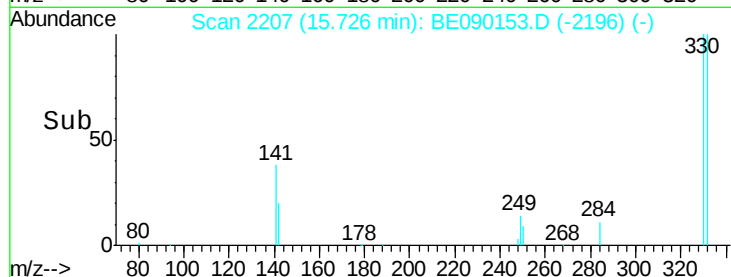
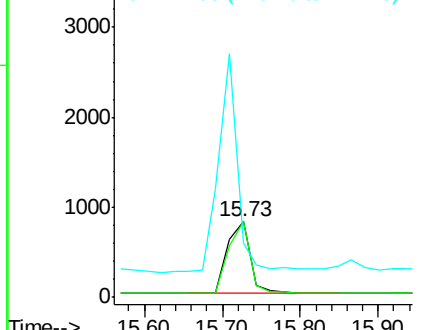
#13
 2,4,6-Tribromophenol
 Concen: 2.45 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090153.D
 Acq: 17 Jul 2015 19:46

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC002

Tgt Ion: 330 Resp: 1635
 Ion Ratio Lower Upper
 330 100
 332 95.5 78.2 117.2
 141 255.6 215.8 323.6

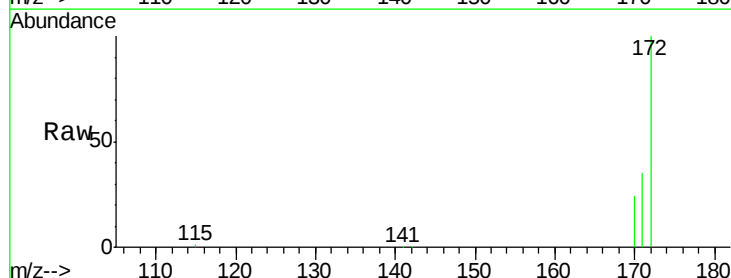


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

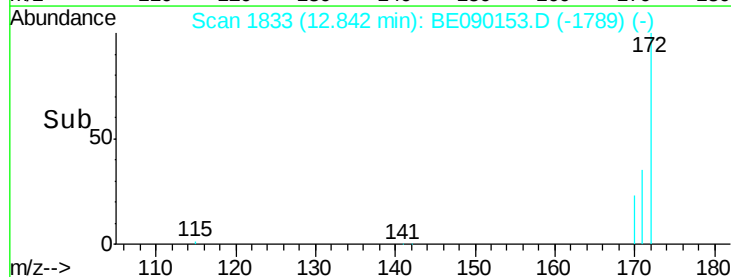
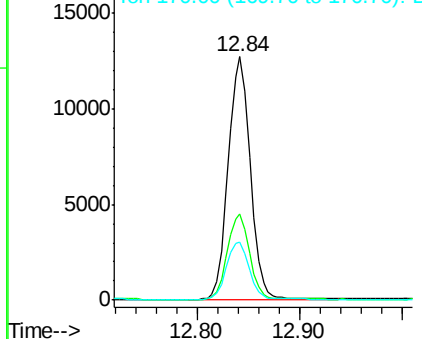


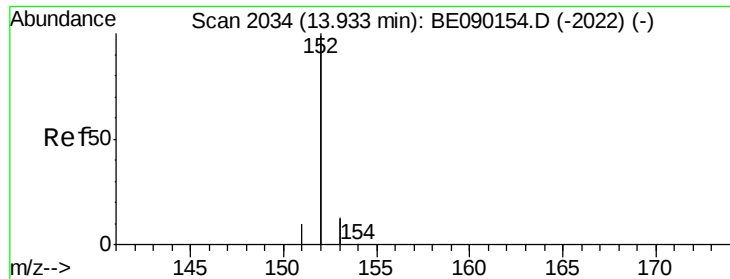
#14
 2-Fluorobiphenyl
 Concen: 1.70 ng
 RT: 12.84 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BE090153.D
 Acq: 17 Jul 2015 19:46

Tgt Ion: 172 Resp: 18902
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.6 19.7 29.5



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: 1.78 ng

RT: 13.93 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BE090153.D

Acq: 17 Jul 2015 19:46

Instrument :

BNA_E

ClientSampleId :

SSTDICC002

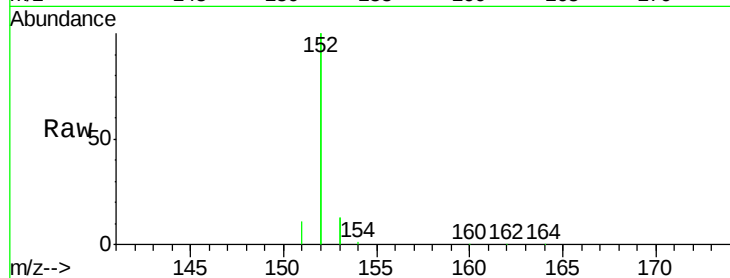
Tgt Ion:152 Resp: 115217

Ion Ratio Lower Upper

152 100

151 5.0 4.0 6.0

153 13.0 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

100000

80000

60000

40000

20000

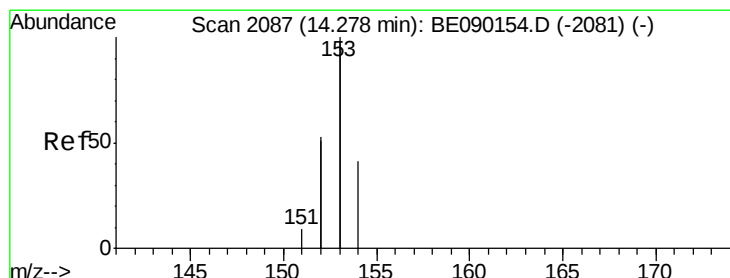
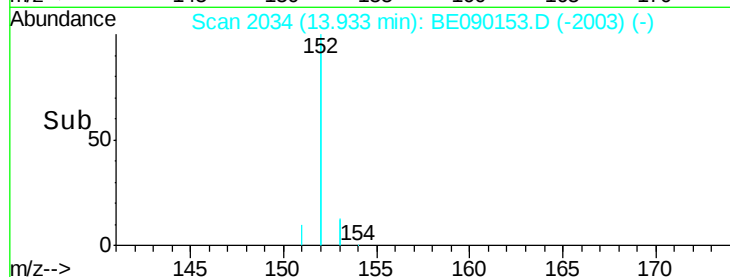
0

13.80

13.93

14.00

Time-->



#16

Acenaphthene

Concen: 1.74 ng

RT: 14.28 min Scan# 2087

Delta R.T. -0.00 min

Lab File: BE090153.D

Acq: 17 Jul 2015 19:46

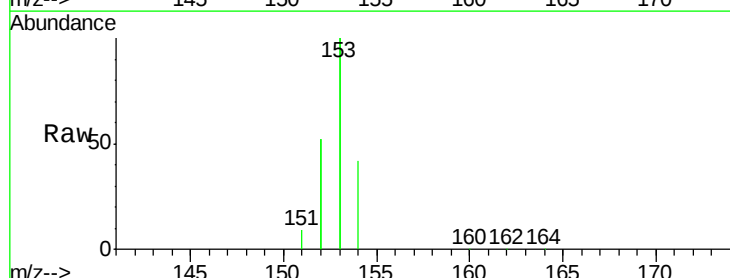
Tgt Ion:154 Resp: 16197

Ion Ratio Lower Upper

154 100

153 469.8 376.9 565.3

152 243.1 199.0 298.6



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

60000

40000

20000

0

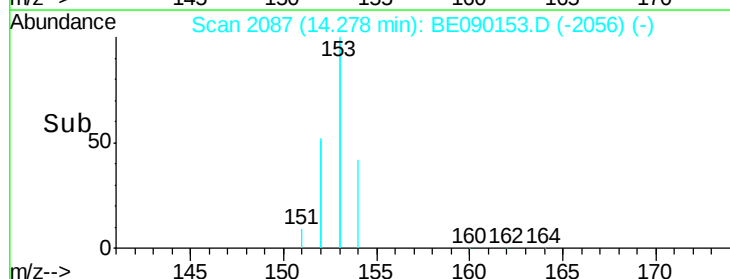
14.20

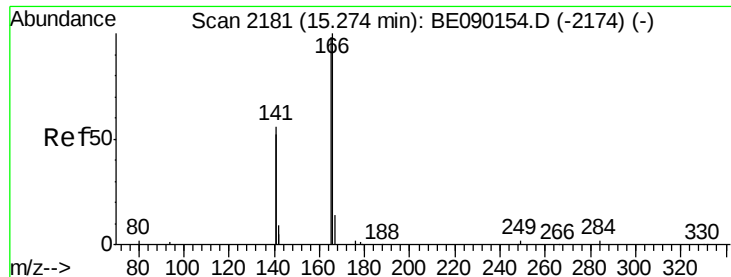
14.25

14.28

14.30

Time-->

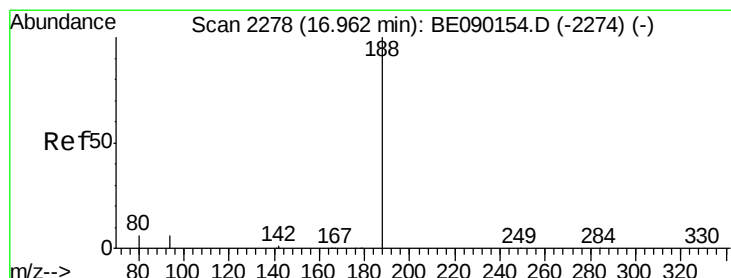
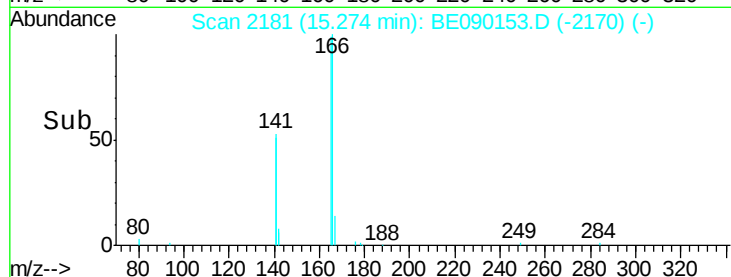
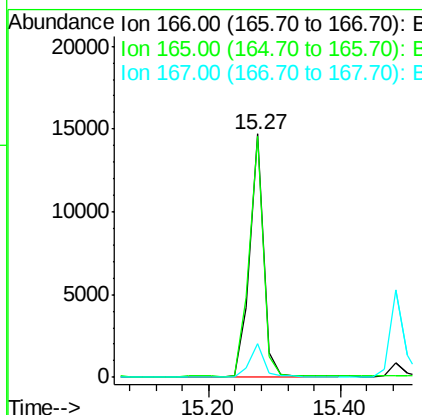
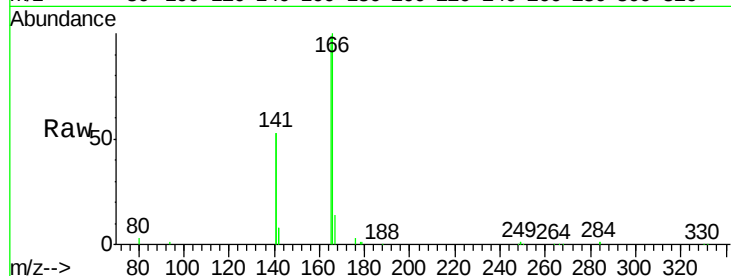




#17
Fluorene
 Concen: 1.75 ng
 RT: 15.27 min Scan# 2181
 Delta R.T. -0.00 min
 Lab File: BE090153.D
 Acq: 17 Jul 2015 19:46

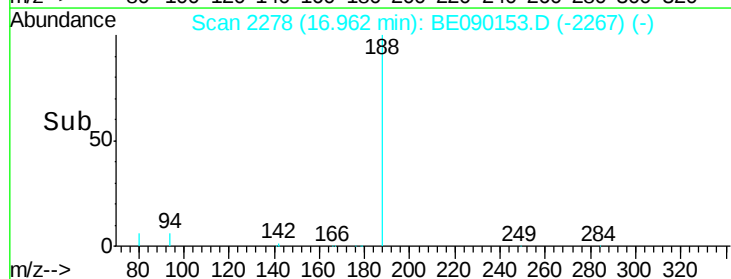
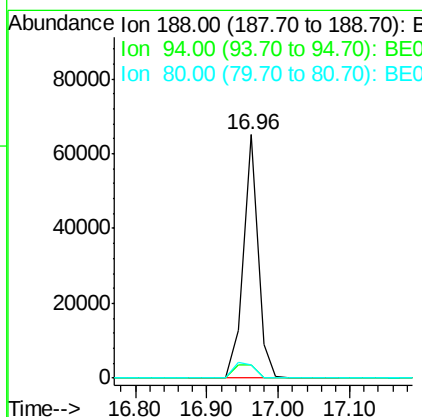
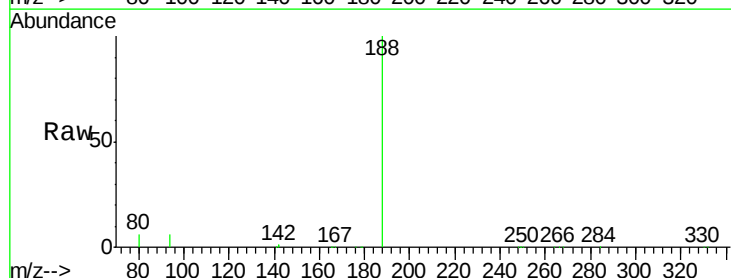
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC002

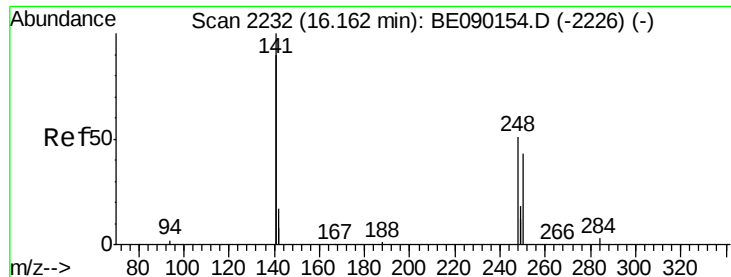
Tgt Ion:166 Resp: 21439
 Ion Ratio Lower Upper
 166 100
 165 101.9 81.5 122.3
 167 13.8 11.9 17.9



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.96 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: BE090153.D
 Acq: 17 Jul 2015 19:46

Tgt Ion:188 Resp: 91757
 Ion Ratio Lower Upper
 188 100
 94 5.6 4.6 7.0
 80 5.7 4.6 6.8





#19

4-Bromophenyl-phenylether

Concen: 1.56 ng

RT: 16.16 min Scan# 2232

Delta R.T. -0.00 min

Lab File: BE090153.D

Acq: 17 Jul 2015 19:46

Instrument :

BNA_E

ClientSampleId :

SSTDICC002

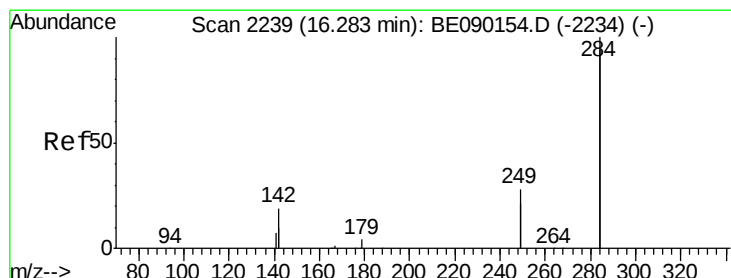
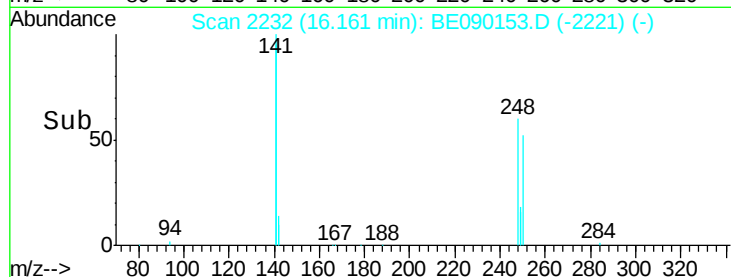
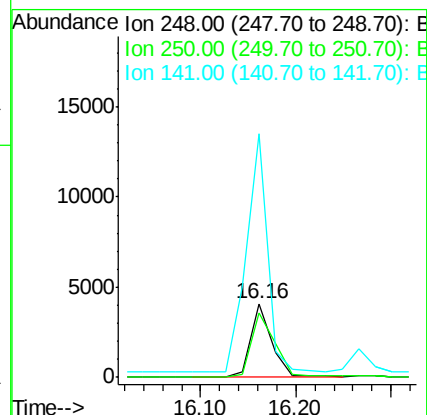
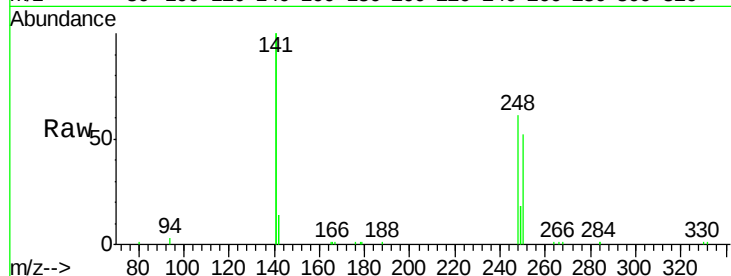
Tgt Ion:248 Resp: 6019

Ion Ratio Lower Upper

248 100

250 97.1 77.4 116.0

141 338.9 281.3 421.9



#20

Hexachlorobenzene

Concen: 1.29 ng

RT: 16.28 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BE090153.D

Acq: 17 Jul 2015 19:46

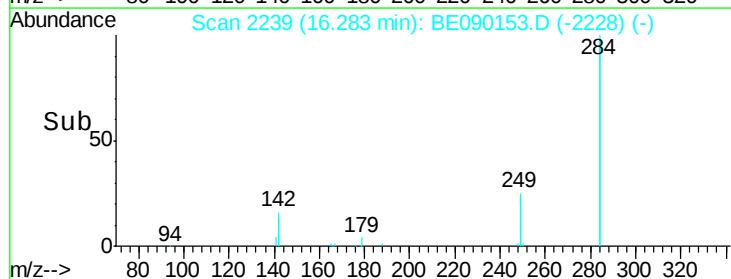
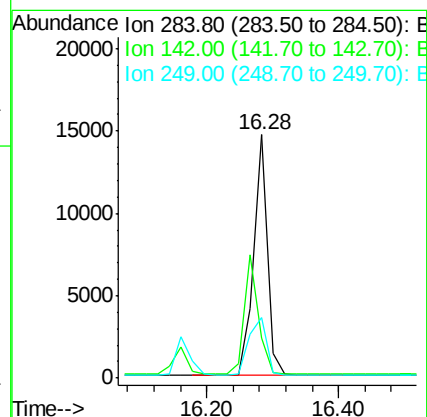
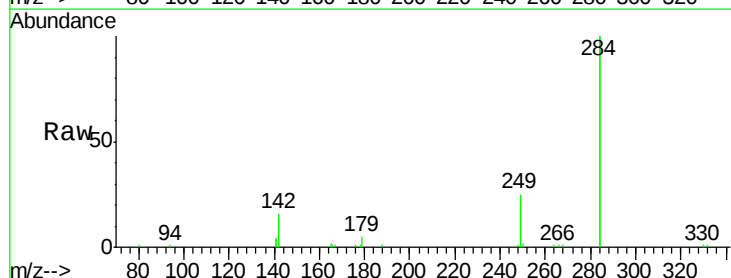
Tgt Ion:284 Resp: 21117

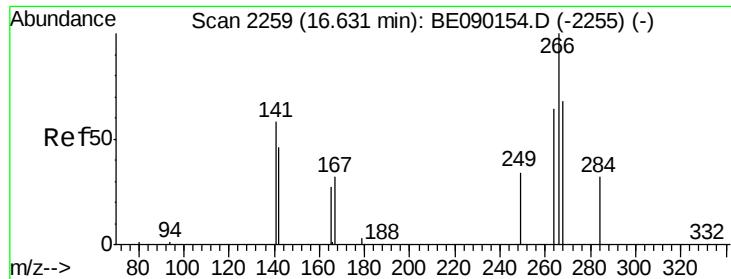
Ion Ratio Lower Upper

284 100

142 50.0 42.2 63.2

249 31.0 25.5 38.3

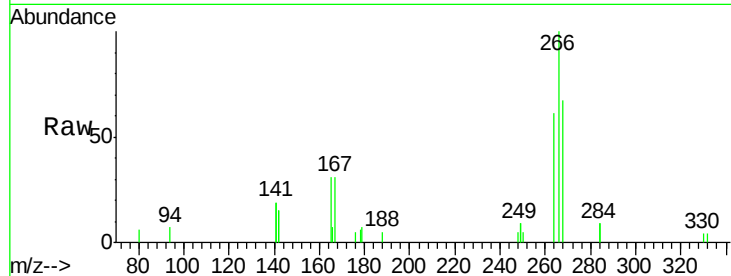




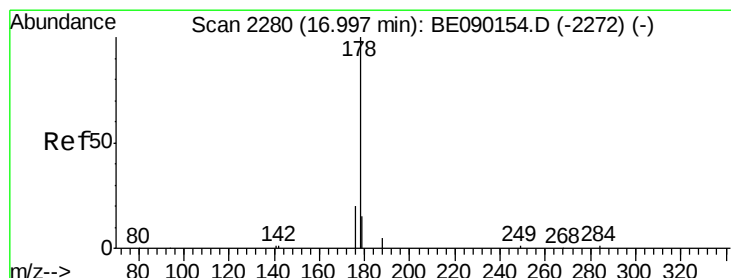
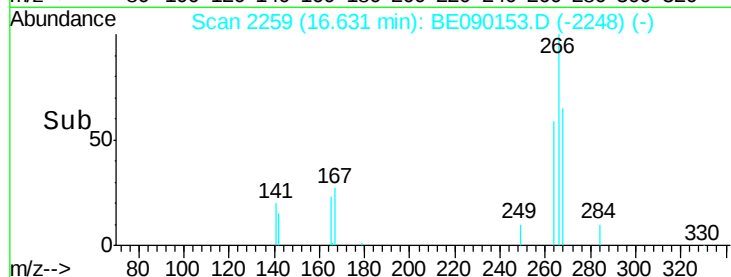
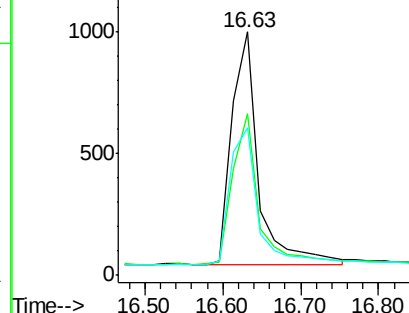
#21
 Pentachlorophenol
 Concen: 2.91 ng
 RT: 16.63 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BE090153.D
 Acq: 17 Jul 2015 19:46

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC002

Tgt Ion: 266 Resp: 2254
 Ion Ratio Lower Upper
 266 100
 268 66.6 58.2 87.4
 264 60.8 55.0 82.4

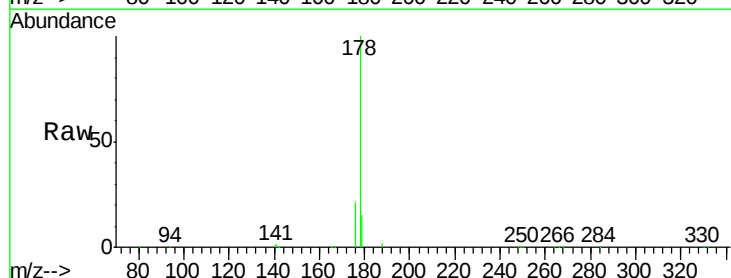


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

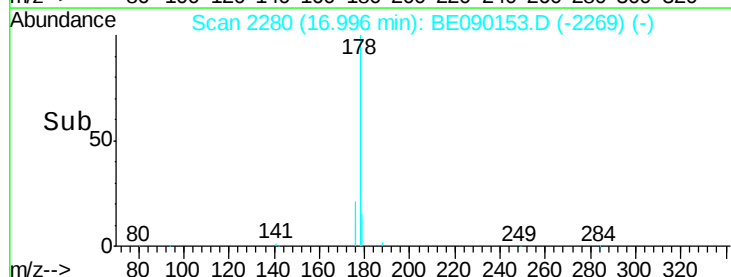
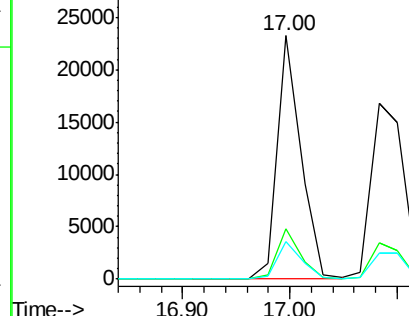


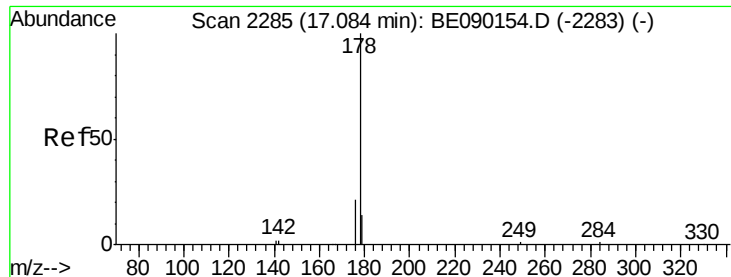
#22
 Phenanthrene
 Concen: 1.56 ng
 RT: 17.00 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BE090153.D
 Acq: 17 Jul 2015 19:46

Tgt Ion: 178 Resp: 35598
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.9 23.9
 179 15.4 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: 1.71 ng

RT: 17.08 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BE090153.D

Acq: 17 Jul 2015 19:46

Instrument :

BNA_E

ClientSampleId :

SSTDICC002

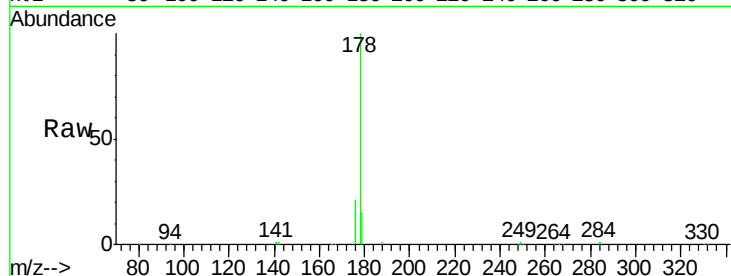
Tgt Ion:178 Resp: 34656

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

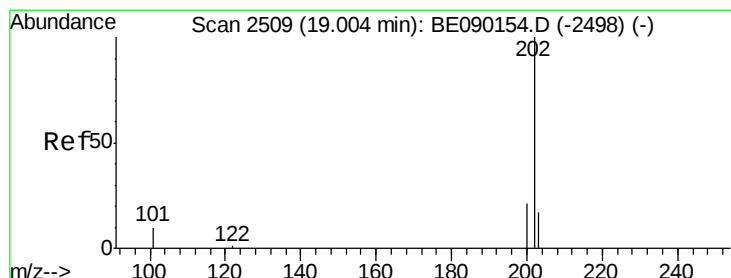
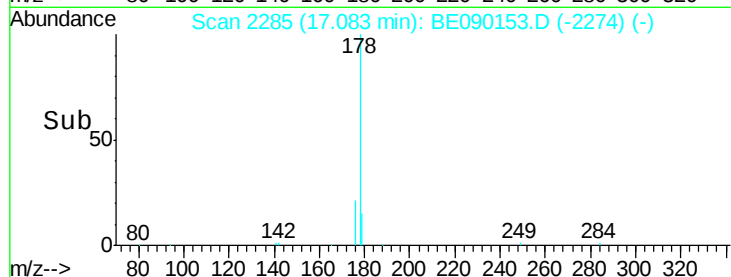
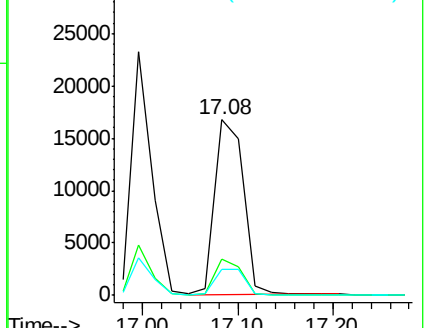
179 15.4 12.2 18.2



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: 1.81 ng

RT: 19.00 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BE090153.D

Acq: 17 Jul 2015 19:46

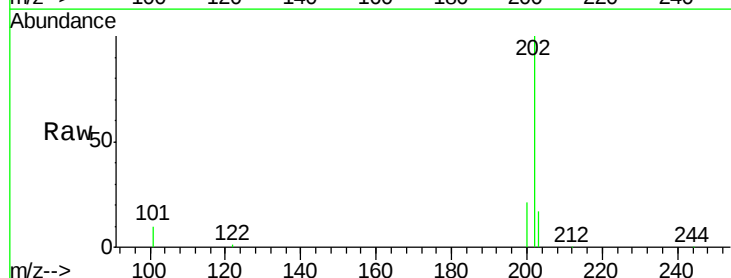
Tgt Ion:202 Resp: 41402

Ion Ratio Lower Upper

202 100

101 10.5 8.5 12.7

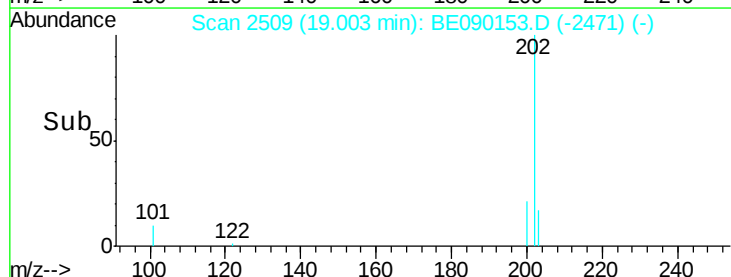
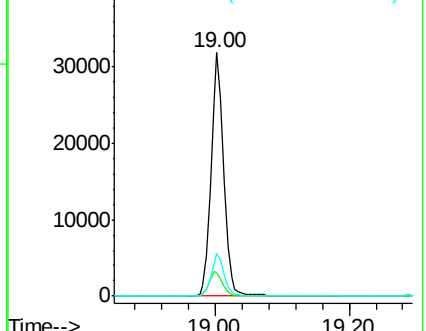
203 17.3 13.9 20.9

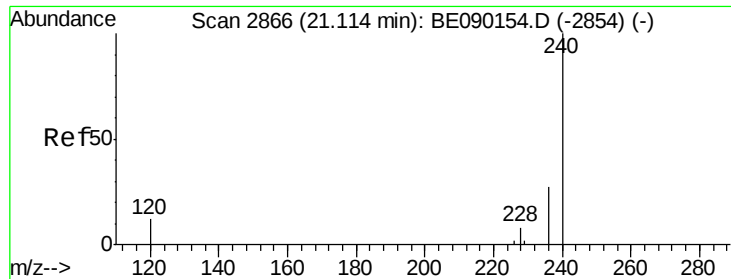


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE090153.D

Acq: 17 Jul 2015 19:46

Instrument :

BNA_E

ClientSampleId :

SSTDICC002

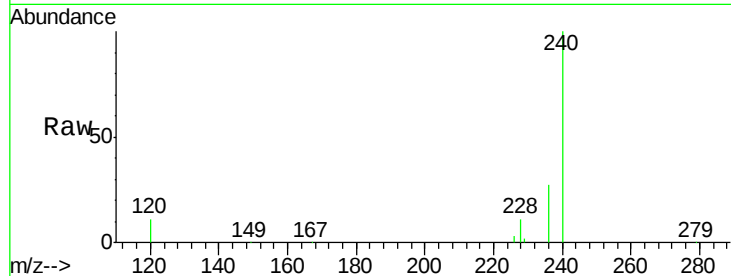
Tgt Ion:240 Resp: 108748

Ion Ratio Lower Upper

240 100

120 11.3 9.4 14.0

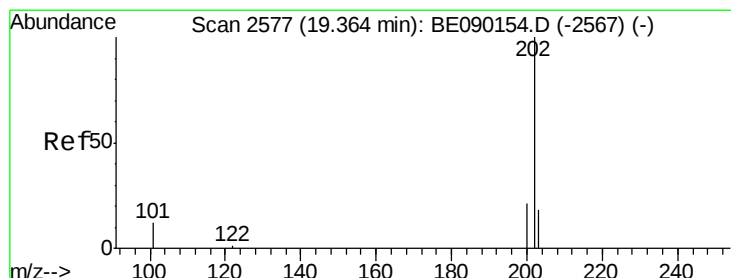
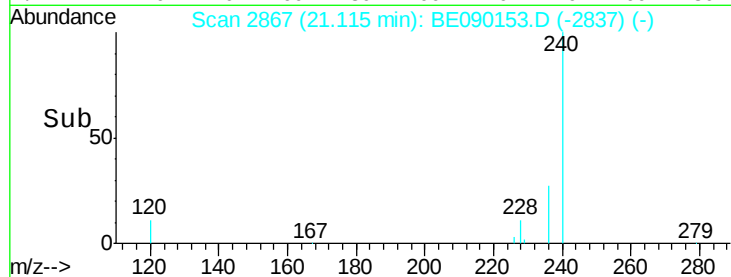
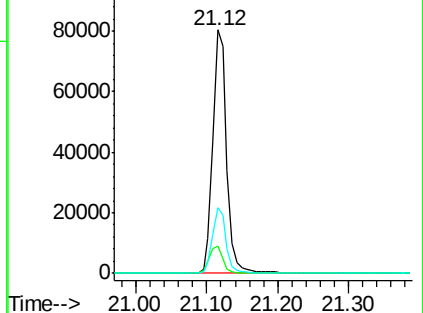
236 27.0 21.8 32.8



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: 1.50 ng

RT: 19.36 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BE090153.D

Acq: 17 Jul 2015 19:46

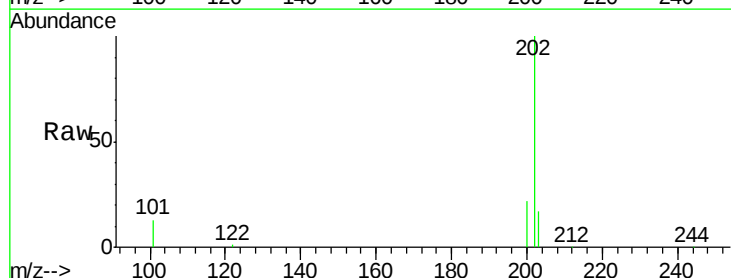
Tgt Ion:202 Resp: 43186

Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

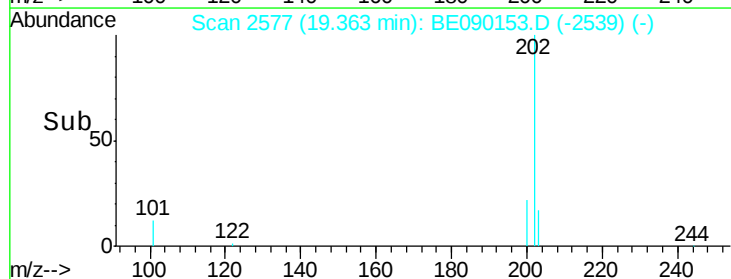
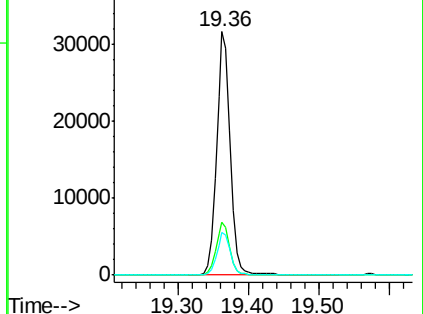
203 17.5 14.1 21.1

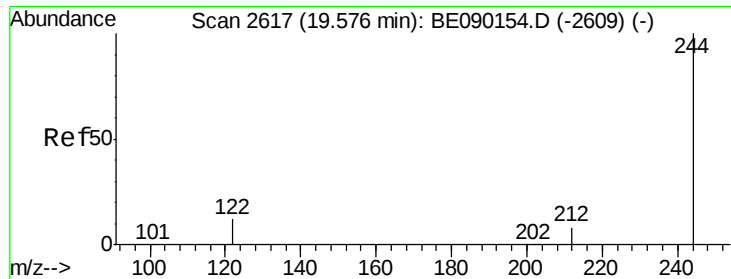


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

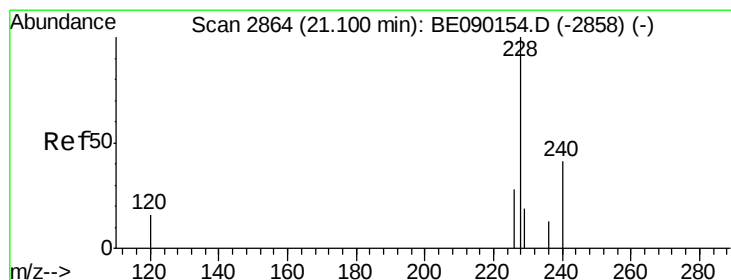
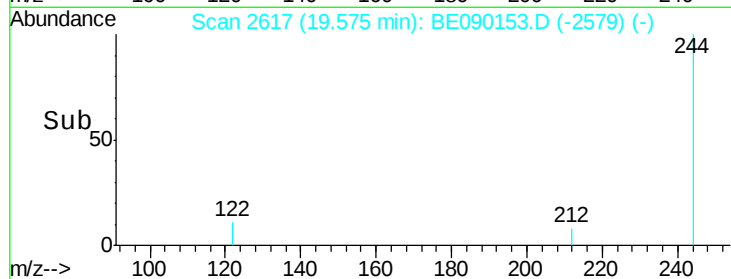
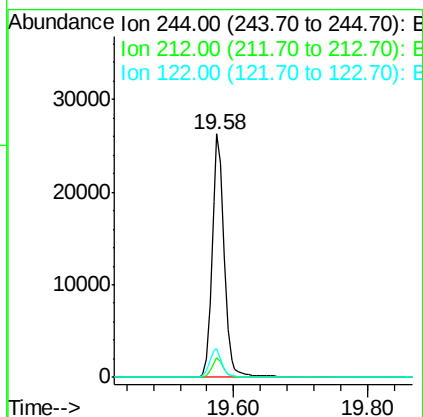
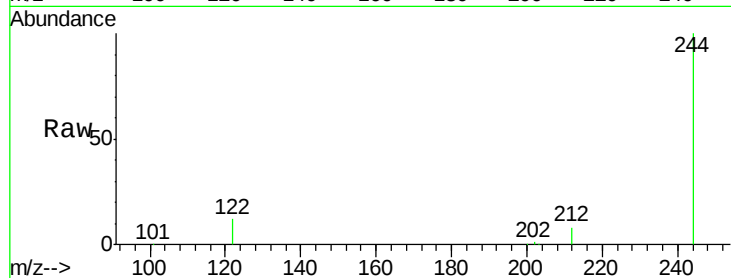




#27
 Terphenyl-d14
 Concen: 1.78 ng
 RT: 19.58 min Scan# 2617
 Delta R.T. -0.00 min
 Lab File: BE090153.D
 Acq: 17 Jul 2015 19:46

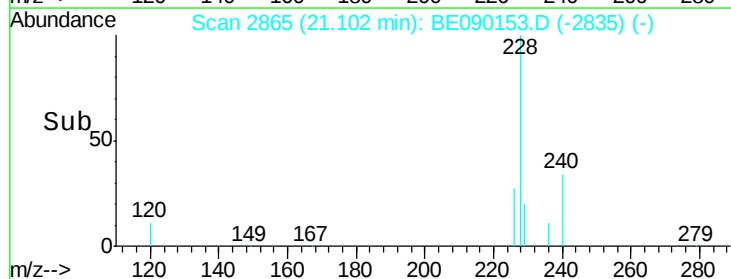
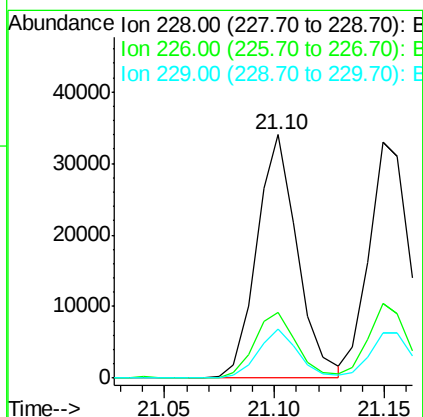
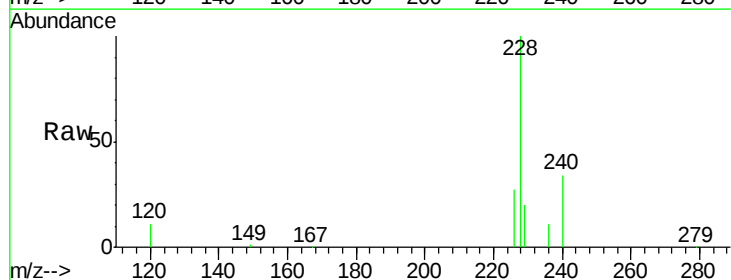
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC002

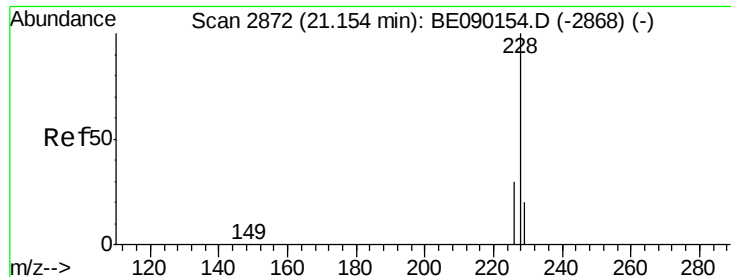
Tgt Ion:244 Resp: 32357
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 11.5 9.8 14.6



#28
 Benzo(a)anthracene
 Concen: 2.25 ng
 RT: 21.10 min Scan# 2865
 Delta R.T. 0.00 min
 Lab File: BE090153.D
 Acq: 17 Jul 2015 19:46

Tgt Ion:228 Resp: 43609
 Ion Ratio Lower Upper
 228 100
 226 26.8 22.2 33.4
 229 20.1 15.7 23.5





#29

Chrysene

Concen: 1.38 ng

RT: 21.15 min Scan# 2872

Delta R.T. -0.01 min

Lab File: BE090153.D

Acq: 17 Jul 2015 19:46

Instrument :

BNA_E

ClientSampleId :

SSTDICC002

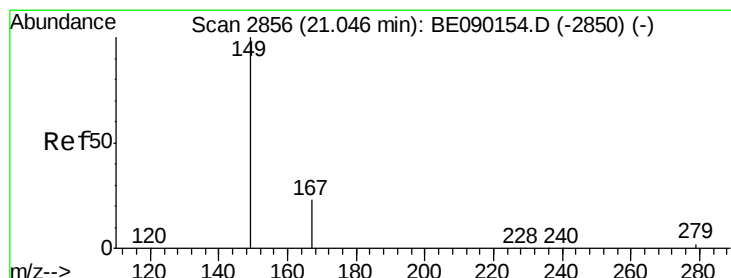
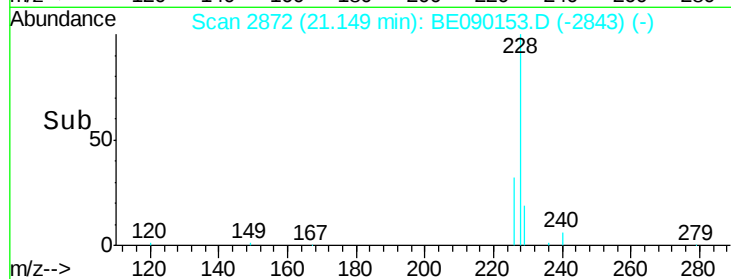
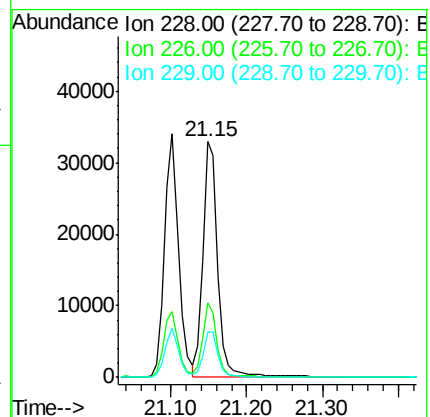
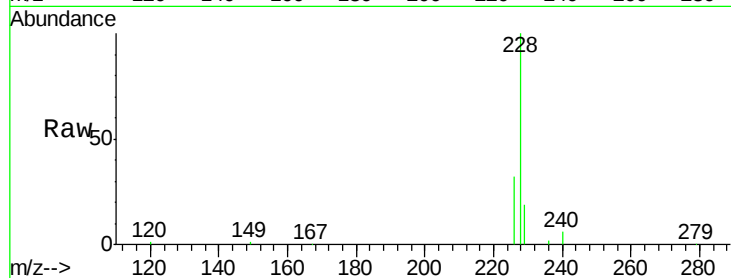
Tgt Ion:228 Resp: 44006

Ion Ratio Lower Upper

228 100

226 31.9 23.8 35.8

229 19.2 16.5 24.7



#30

Bis(2-ethylhexyl)phthalate

Concen: 4.79 ng

RT: 21.05 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BE090153.D

Acq: 17 Jul 2015 19:46

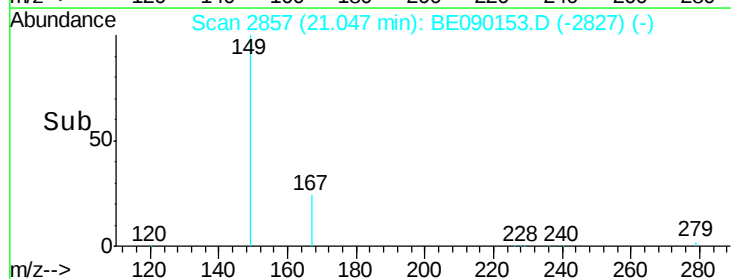
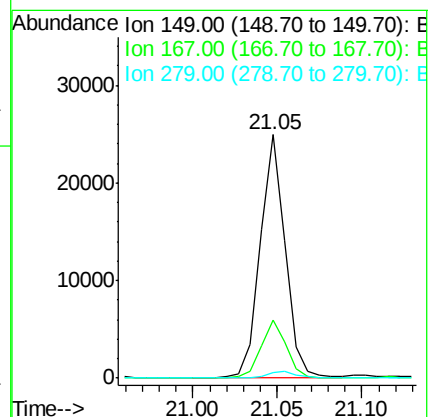
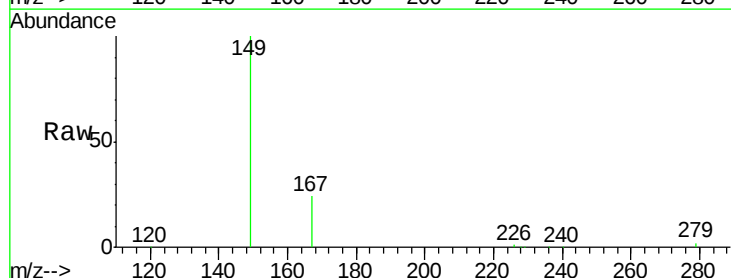
Tgt Ion:149 Resp: 25221

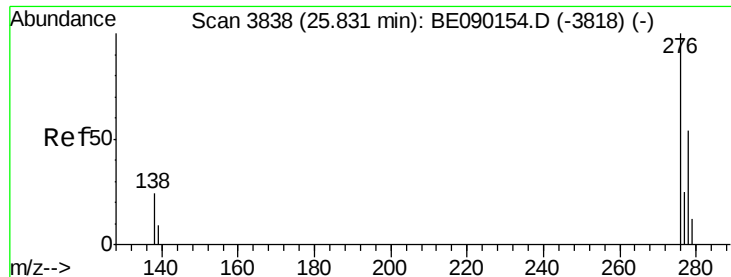
Ion Ratio Lower Upper

149 100

167 23.8 18.6 28.0

279 2.8 2.2 3.4





#31

Indeno(1,2,3-cd)pyrene

Concen: 5.60 ng

RT: 25.83 min Scan# 3838

Delta R.T. 0.00 min

Lab File: BE090153.D

Acq: 17 Jul 2015 19:46

Instrument :

BNA_E

ClientSampleId :

SSTDICC002

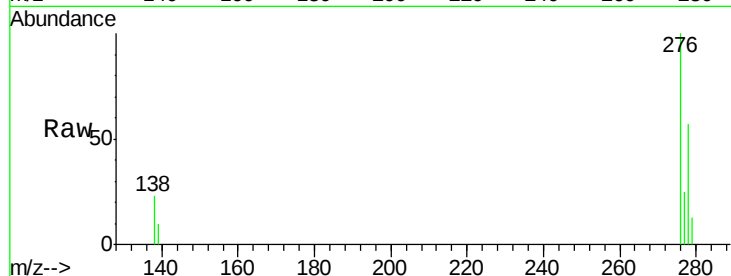
Tgt Ion: 276 Resp: 53356

Ion Ratio Lower Upper

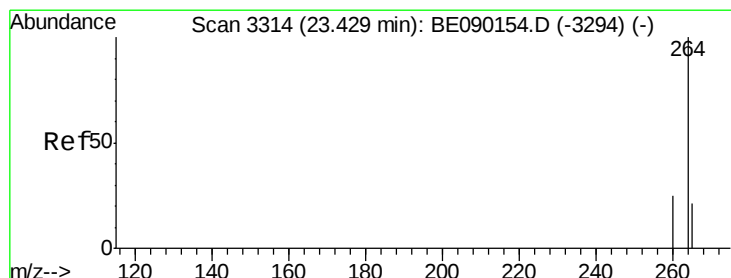
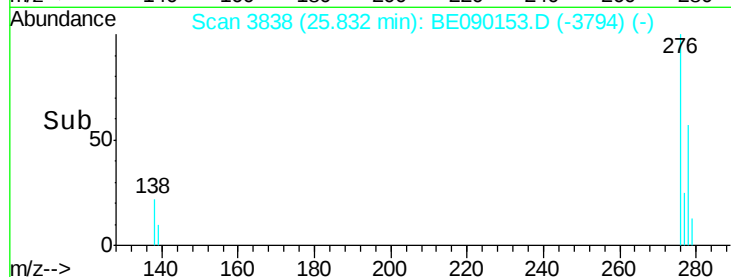
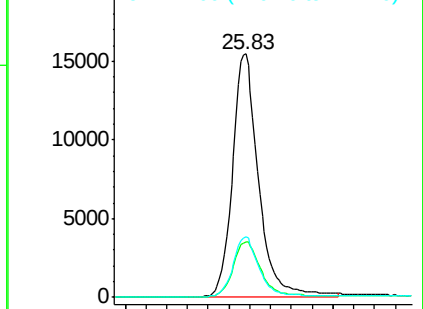
276 100

138 24.1 19.5 29.3

277 24.8 19.8 29.6



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: 23.43 min Scan# 3314

Delta R.T. -0.00 min

Lab File: BE090153.D

Acq: 17 Jul 2015 19:46

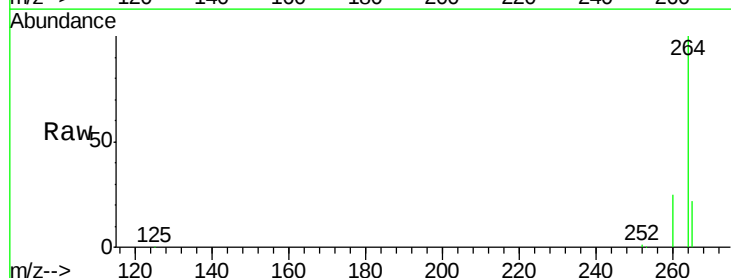
Tgt Ion: 264 Resp: 111967

Ion Ratio Lower Upper

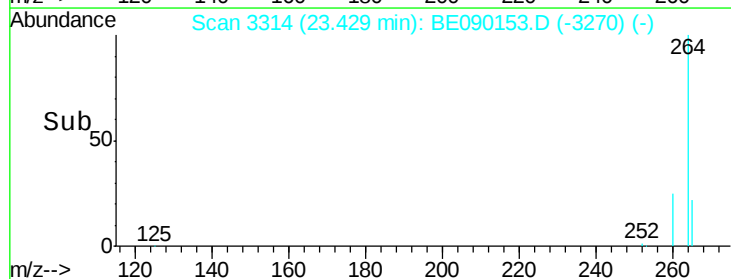
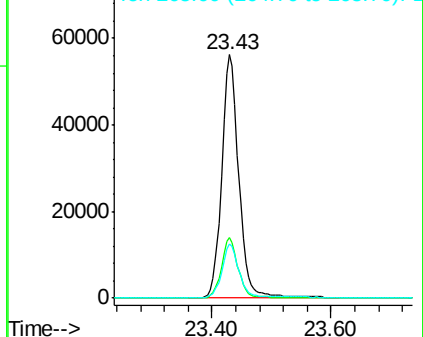
264 100

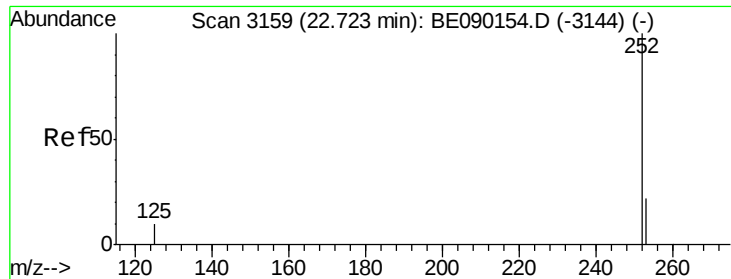
260 24.7 19.8 29.8

265 22.0 17.4 26.2



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: 3.96 ng

RT: 22.72 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BE090153.D

Acq: 17 Jul 2015 19:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC002

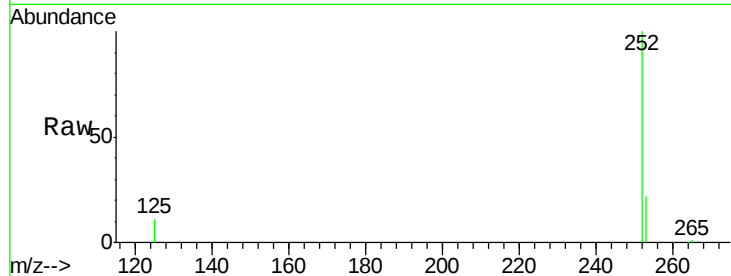
Tgt Ion:252 Resp: 41946

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

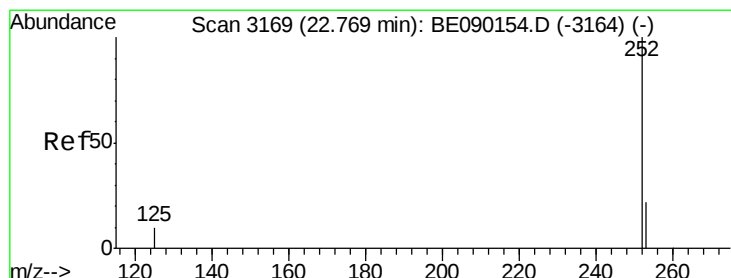
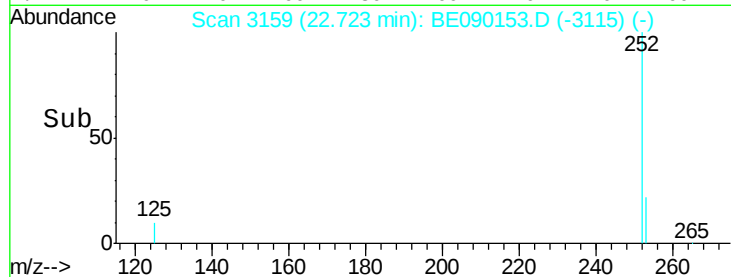
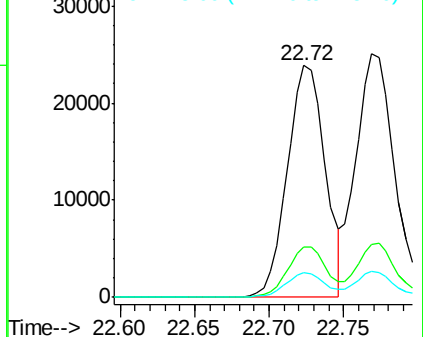
125 10.5 8.7 13.1



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: 2.00 ng

RT: 22.77 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BE090153.D

Acq: 17 Jul 2015 19:46

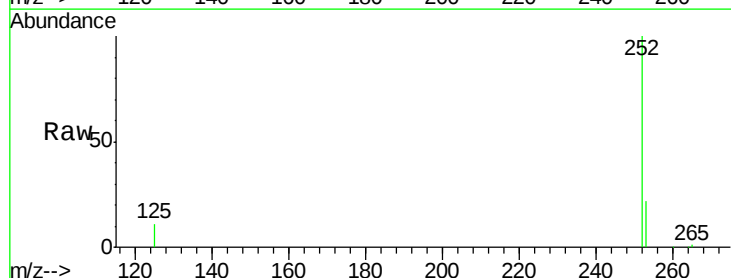
Tgt Ion:252 Resp: 47398

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

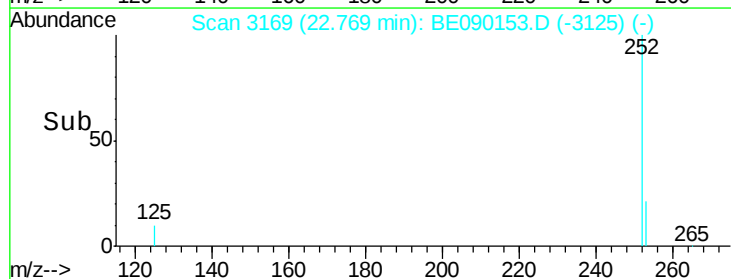
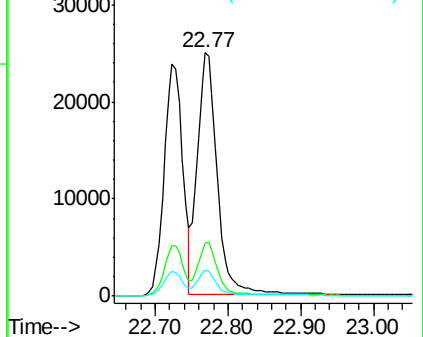
125 10.5 8.7 13.1

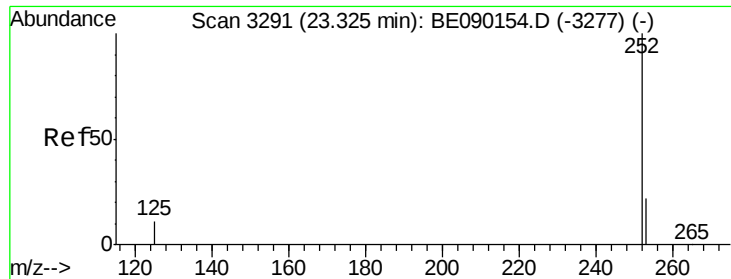


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 3.05 ng

RT: 23.32 min Scan# 3291

Delta R.T. -0.00 min

Lab File: BE090153.D

Acq: 17 Jul 2015 19:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC002

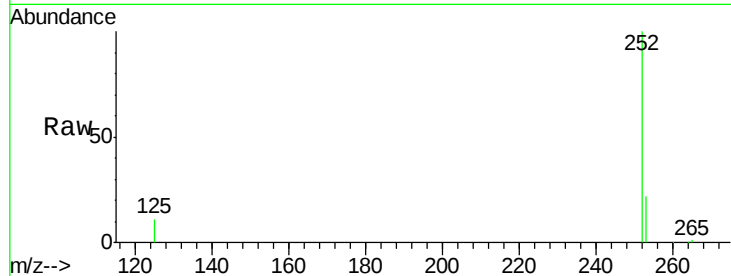
Tgt Ion:252 Resp: 40910

Ion Ratio Lower Upper

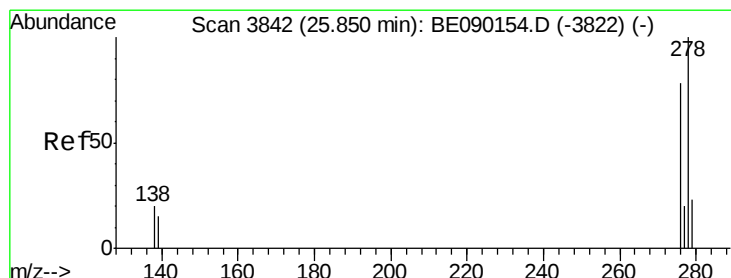
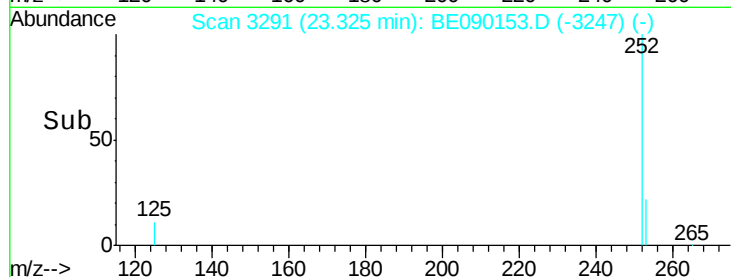
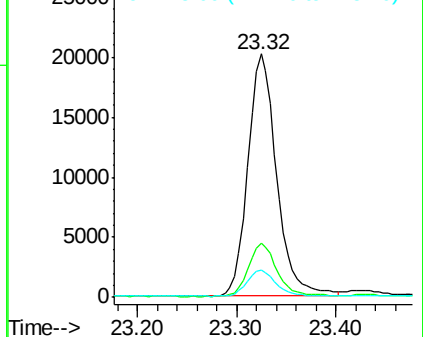
252 100

253 22.1 18.0 27.0

125 11.4 9.4 14.0



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: 5.13 ng

RT: 25.85 min Scan# 3842

Delta R.T. 0.00 min

Lab File: BE090153.D

Acq: 17 Jul 2015 19:46

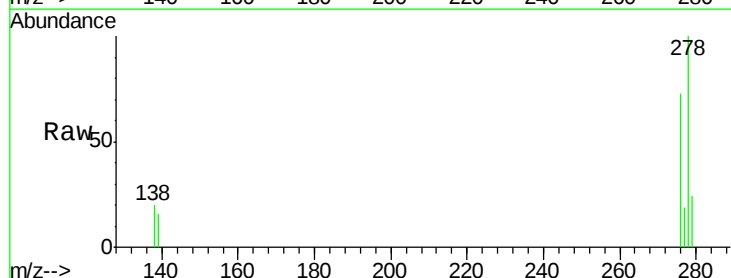
Tgt Ion:278 Resp: 43390

Ion Ratio Lower Upper

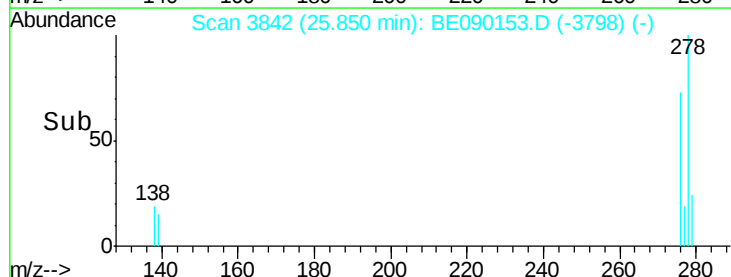
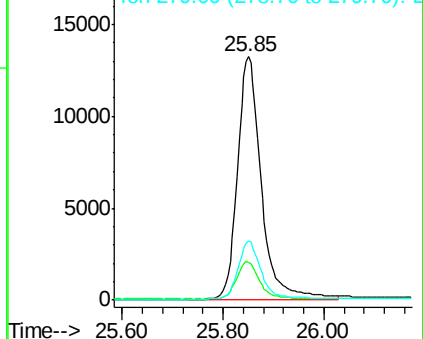
278 100

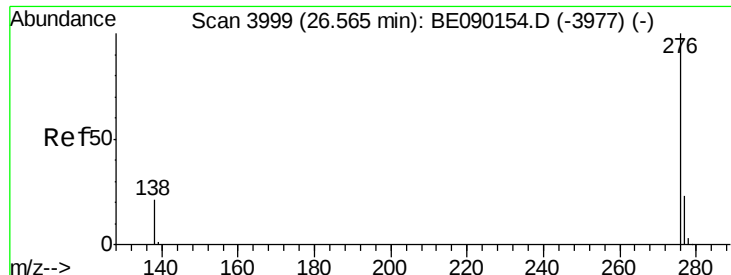
139 15.5 12.9 19.3

279 24.5 19.3 28.9



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: 3.11 ng

RT: 26.56 min Scan# 3998

Delta R.T. -0.00 min

Lab File: BE090153.D

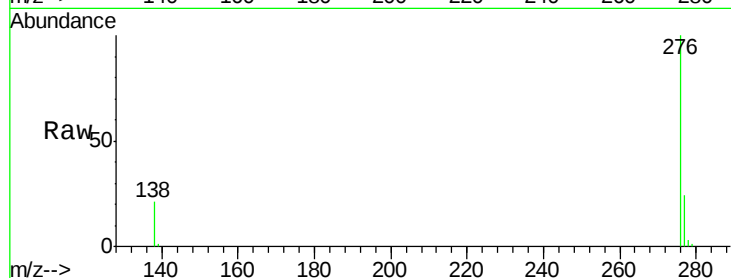
Acq: 17 Jul 2015 19:46

Instrument :

BNA_E

ClientSampleId :

SSTDIC002



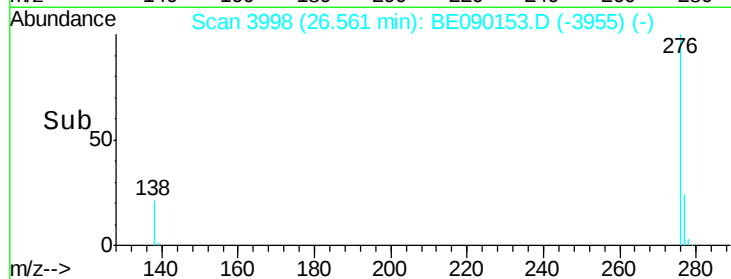
Tgt Ion: 276 Resp: 43964

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.6

138 21.2 17.2 25.8



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

