

Data Path : Z:\HPCHEM1\BNA E\DATA\BE071715\
 Data File : BE090157.D
 Acq On : 17 Jul 2015 22:12
 Operator : TP/IZ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Jul 18 00:03:46 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

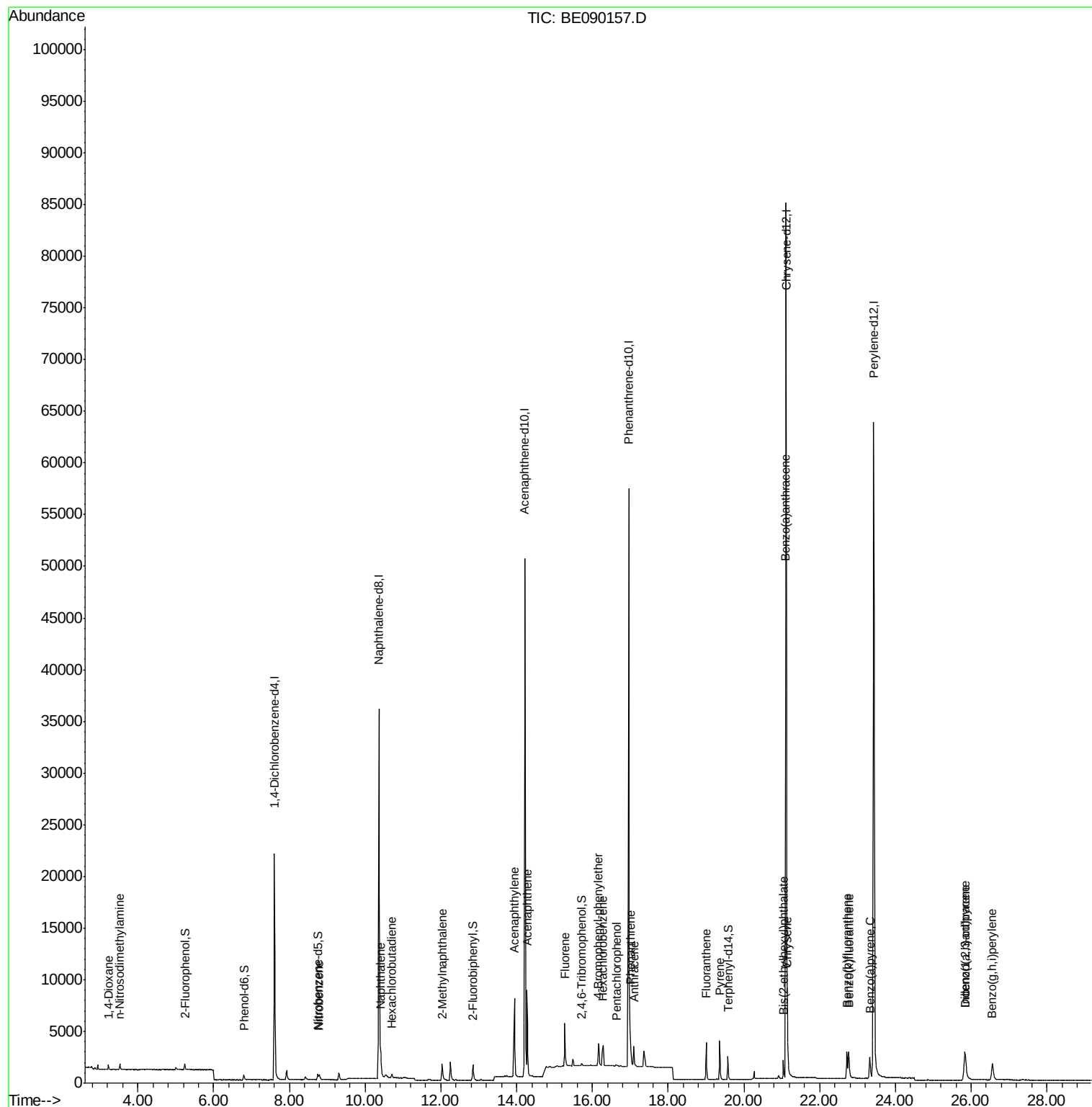
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	11495	5.00	ng	0.00
6) Naphthalene-d8	10.36	136	52347	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	28681	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	71529	5.00	ng	0.00
25) Chrysene-d12	21.12	240	82955	5.00	ng	0.00
32) Perylene-d12	23.43	264	88003	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	544	0.22	ng	0.00
5) Phenol-d6	6.80	99	665	0.19	ng	0.00
7) Nitrobenzene-d5	8.75	82	688	0.18	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	123	0.23	ng	0.00
14) 2-Fluorobiphenyl	12.85	172	1751	0.20	ng	0.00
27) Terphenyl-d14	19.58	244	2775	0.20	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	323	0.21	ng	98
3) n-Nitrosodimethylamine	3.52	42	450	0.24	ng	# 82
8) Nitrobenzene	8.79	77	646	0.16	ng	98
9) Naphthalene	10.42	128	2371	0.20	ng	# 93
10) Hexachlorobutadiene	10.71	225	295	0.15	ng	97
11) 2-Methylnaphthalene	12.04	142	1525	0.20	ng	96
15) Acenaphthylene	13.94	152	10583	0.21	ng	100
16) Acenaphthene	14.28	154	1509	0.20	ng	99
17) Fluorene	15.27	166	1965	0.20	ng	97
19) 4-Bromophenyl-phenylether	16.16	248	559	0.19	ng	95
20) Hexachlorobenzene	16.28	284	1900	0.15	ng	97
21) Pentachlorophenol	16.63	266	135	0.22	ng	# 79
22) Phenanthrene	17.00	178	3352	0.19	ng	98
23) Anthracene	17.10	178	2954	0.19	ng	99
24) Fluoranthene	19.01	202	3669	0.21	ng	100
26) Pyrene	19.37	202	3822	0.17	ng	100
28) Benzo(a)anthracene	21.10	228	3946	0.27	ng	98
29) Chrysene	21.15	228	4004	0.16	ng	97
30) Bis(2-ethylhexyl)phthalate	21.05	149	1654	0.41	ng	99
31) Indeno(1,2,3-cd)pyrene	25.83	276	4597	0.63	ng	99
33) Benzo(b)fluoranthene	22.73	252	3636	0.44	ng	# 94
34) Benzo(k)fluoranthene	22.77	252	4099	0.22	ng	# 95
35) Benzo(a)pyrene	23.33	252	3463	0.33	ng	# 94
36) Dibenzo(a,h)anthracene	25.85	278	3639	0.55	ng	# 93
37) Benzo(g,h,i)perylene	26.56	276	3880	0.35	ng	92

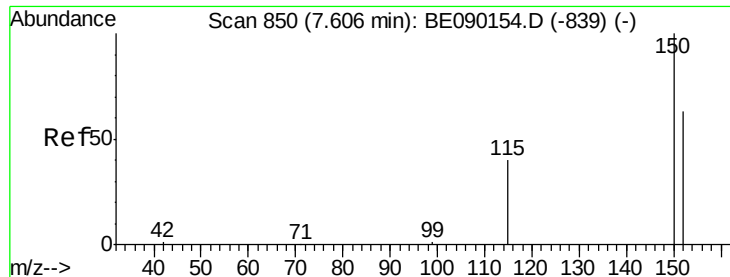
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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QLast Update : Fri Jul 17 23:58:28 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 850

Delta R.T. 0.00 min

Lab File: BE090157.D

Acq: 17 Jul 2015 22:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

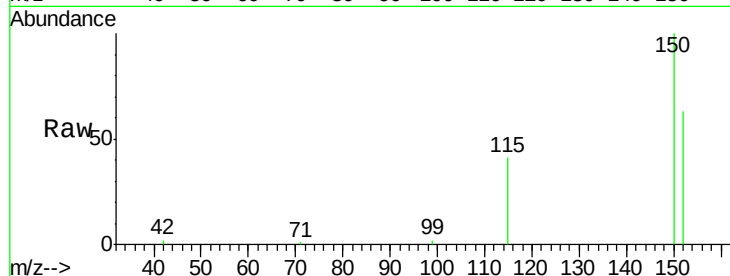
Tot Ion:152 Resp: 11495

Ion Ratio Lower Upper

152 100

150 157.8 127.2 190.8

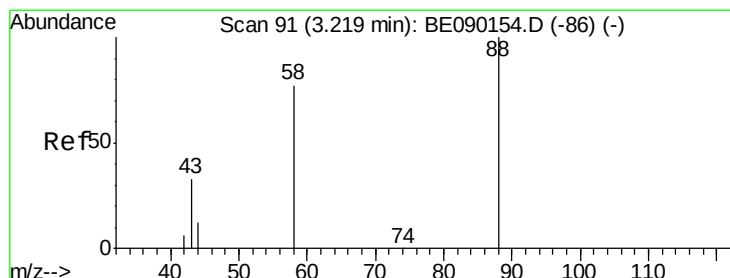
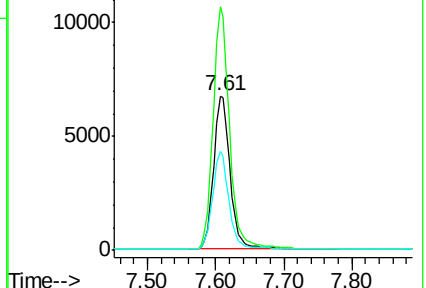
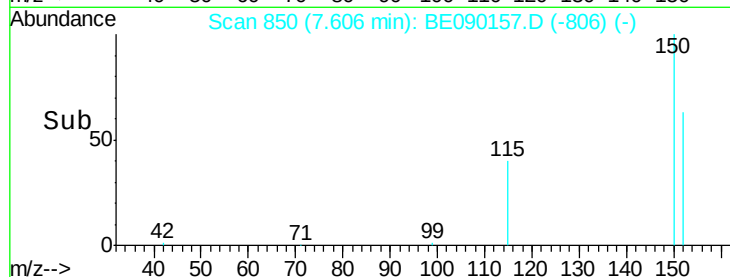
115 64.2 51.6 77.4



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: 0.21 ng

RT: 3.22 min Scan# 92

Delta R.T. 0.00 min

Lab File: BE090157.D

Acq: 17 Jul 2015 22:12

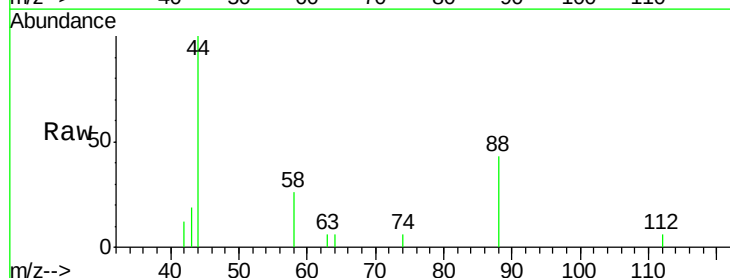
Tgt Ion: 88 Resp: 323

Ion Ratio Lower Upper

88 100

58 70.0 58.2 87.2

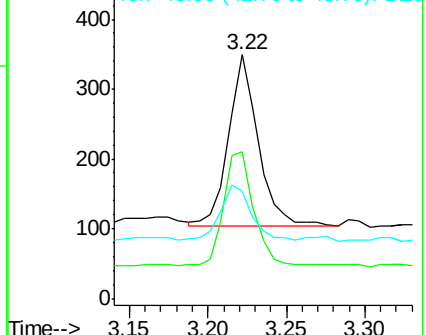
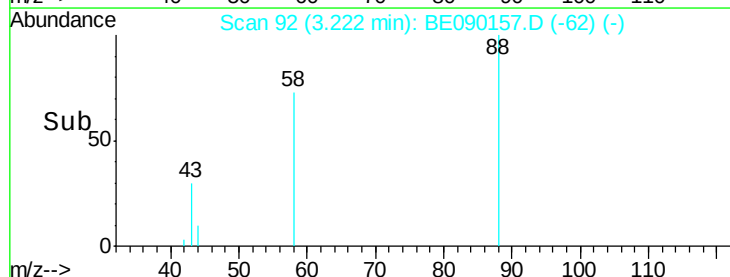
43 34.7 27.7 41.5

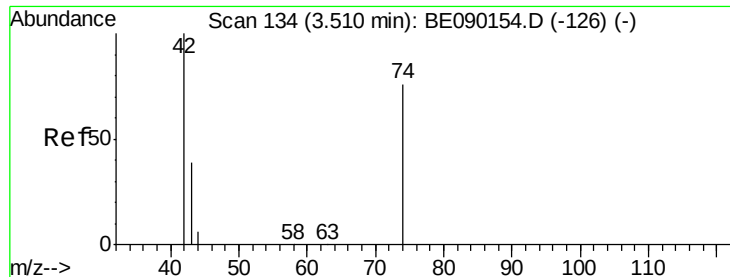


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



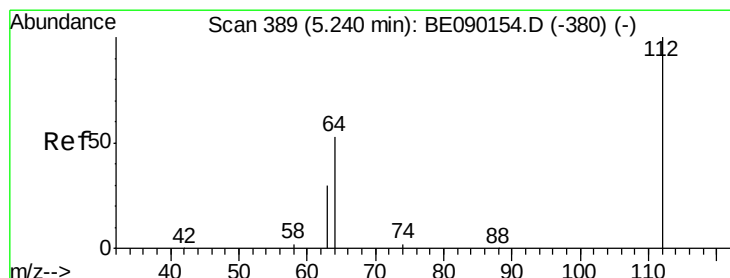
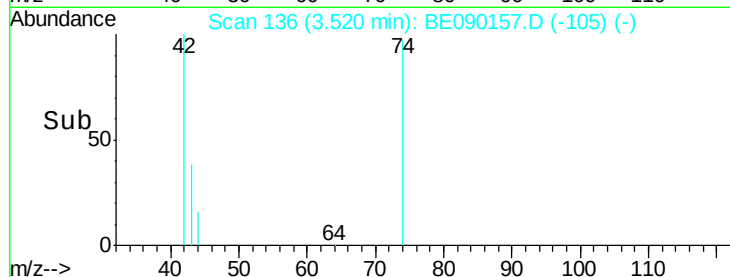
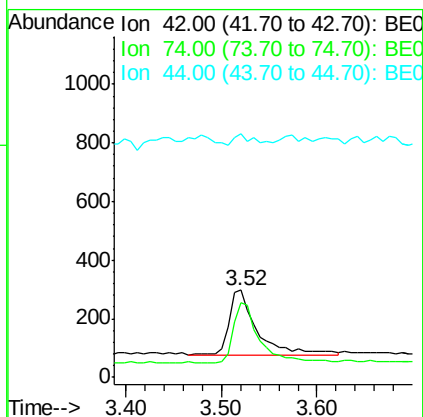
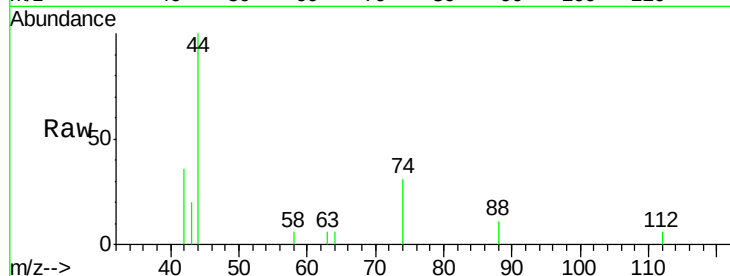


#3

n-Nitrosodimethylamine
Concen: 0.24 ng
RT: 3.52 min Scan# 136
Delta R.T. 0.01 min
Lab File: BE090157.D
Acq: 17 Jul 2015 22:12

Instrument :
BNA_E
ClientSampled :
SSTDICC0.2

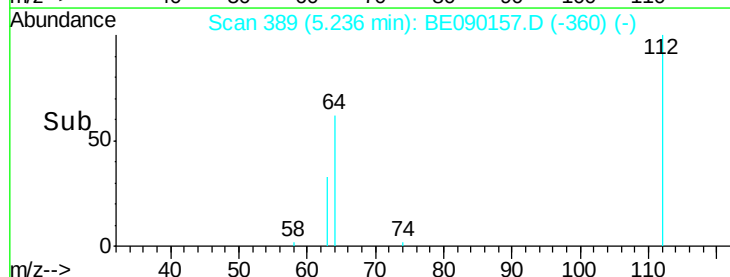
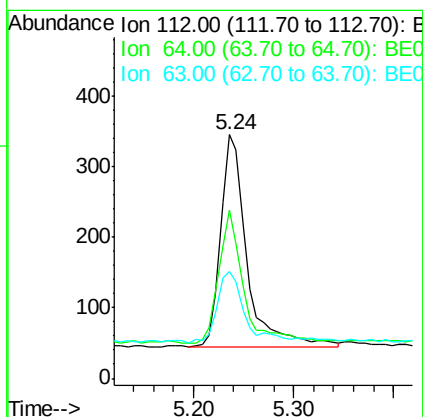
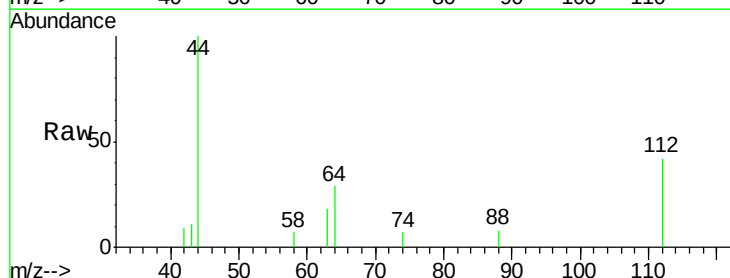
Tot Ion: 42 Resp: 450
Ion Ratio Lower Upper
42 100
74 84.2 82.2 123.4
44 13.6 7.5 11.3#

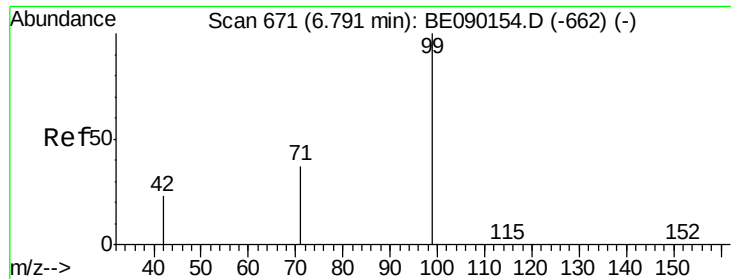


#4

2-Fluorophenol
Concen: 0.22 ng
RT: 5.24 min Scan# 389
Delta R.T. -0.00 min
Lab File: BE090157.D
Acq: 17 Jul 2015 22:12

Tgt Ion: 112 Resp: 544
Ion Ratio Lower Upper
112 100
64 59.4 46.7 70.1
63 35.3 27.3 40.9





#5

Phenol-d6

Concen: 0.19 ng

RT: 6.80 min Scan# 672

Delta R.T. 0.00 min

Lab File: BE090157.D

Acq: 17 Jul 2015 22:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

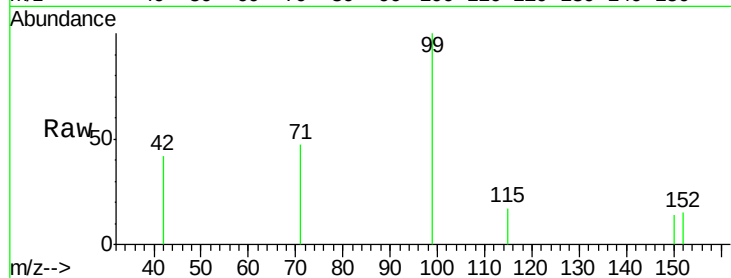
Tot Ion: 99 Resp: 665

Ion Ratio Lower Upper

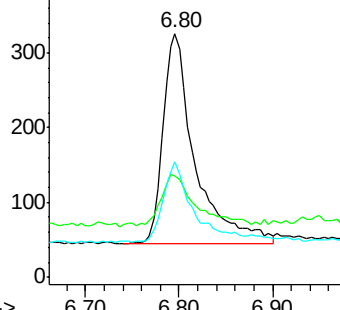
99 100

42 26.0 19.1 28.7

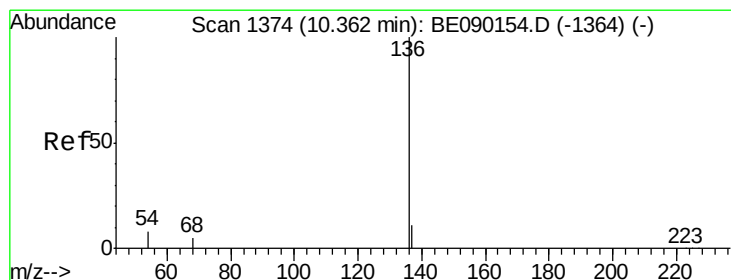
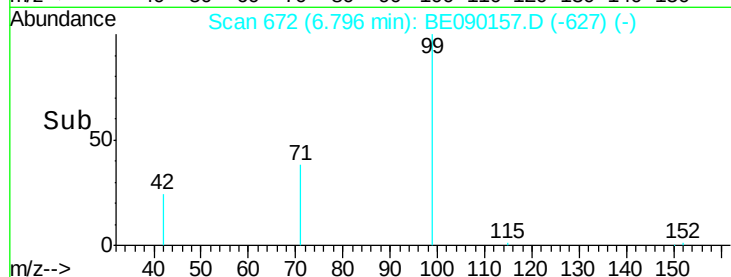
71 36.7 29.4 44.2



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



Time-->



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.36 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE090157.D

Acq: 17 Jul 2015 22:12

Tgt Ion: 136 Resp: 52347

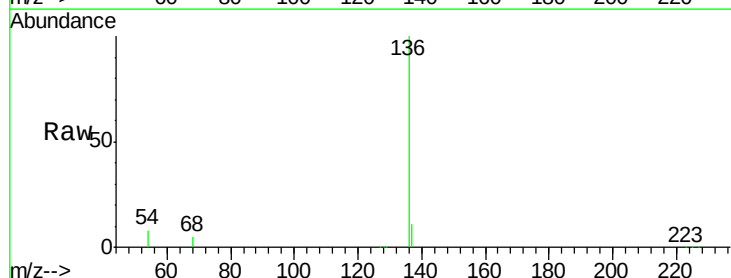
Ion Ratio Lower Upper

136 100

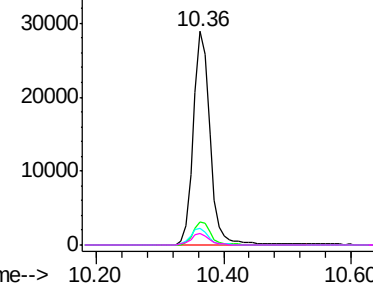
137 10.9 8.9 13.3

54 7.9 6.3 9.5

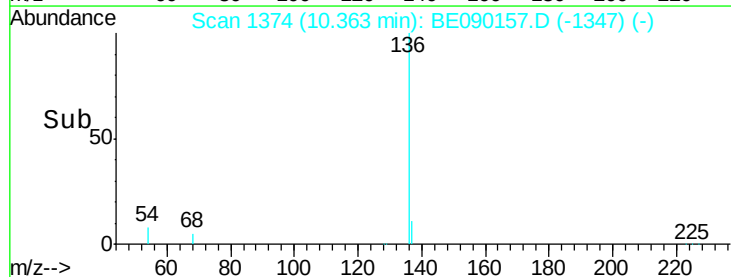
68 5.5 4.3 6.5

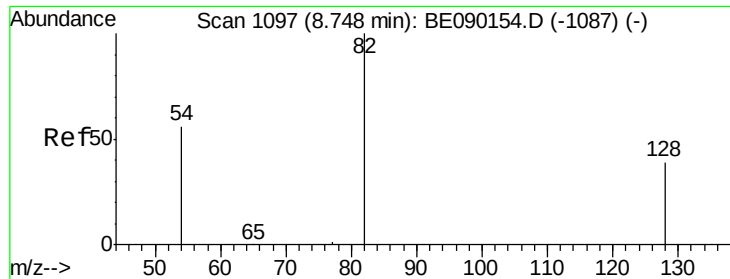


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0



Time-->





#7

Nitrobenzene-d5

Concen: 0.18 ng

RT: 8.75 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BE090157.D

Acq: 17 Jul 2015 22:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

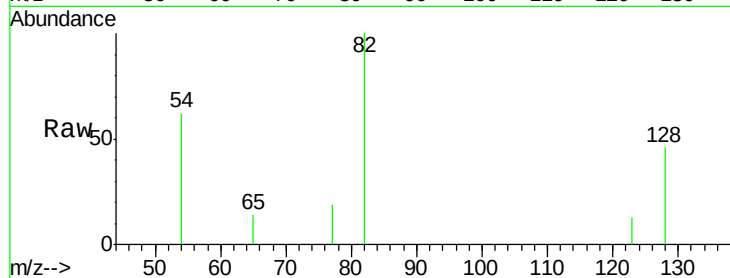
Tot Ion: 82 Resp: 688

Ion Ratio Lower Upper

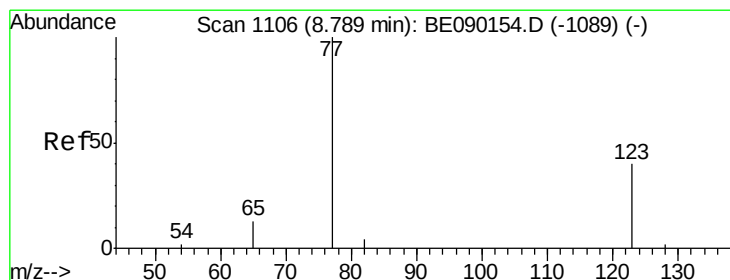
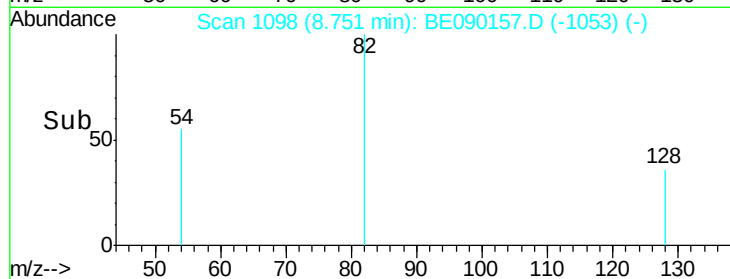
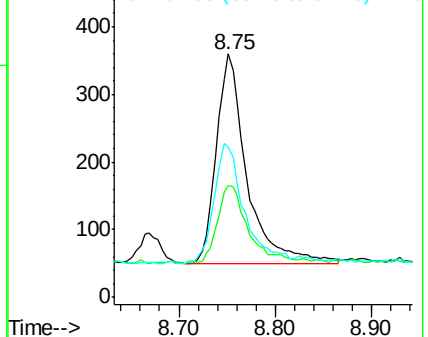
82 100

128 45.8 32.7 49.1

54 61.7 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: 0.16 ng

RT: 8.79 min Scan# 1107

Delta R.T. 0.00 min

Lab File: BE090157.D

Acq: 17 Jul 2015 22:12

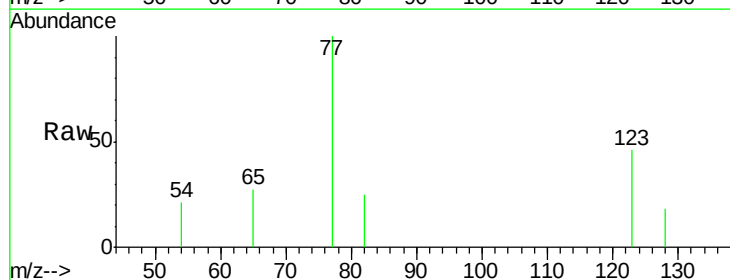
Tgt Ion: 77 Resp: 646

Ion Ratio Lower Upper

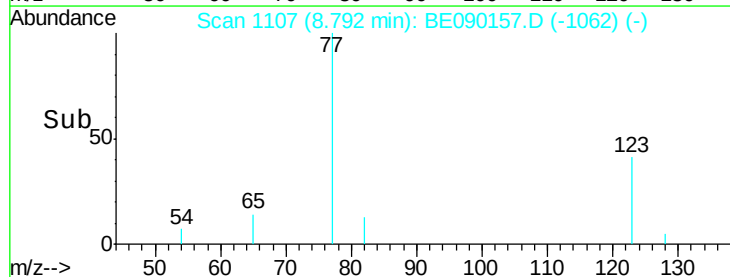
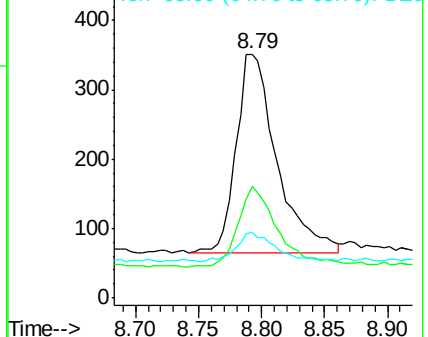
77 100

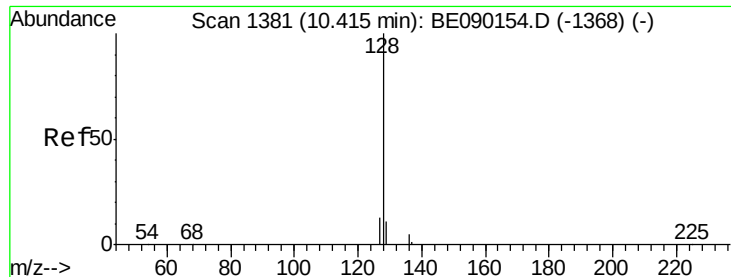
123 39.8 32.3 48.5

65 14.6 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: 0.20 ng

RT: 10.42 min Scan# 1381

Delta R.T. 0.00 min

Lab File: BE090157.D

Acq: 17 Jul 2015 22:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

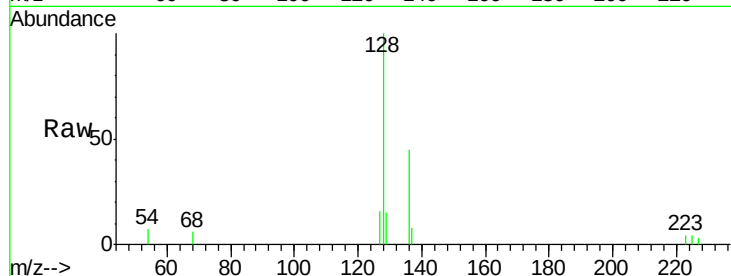
Tot Ion:128 Resp: 2371

Ion Ratio Lower Upper

128 100

129 15.2 9.8 14.6#

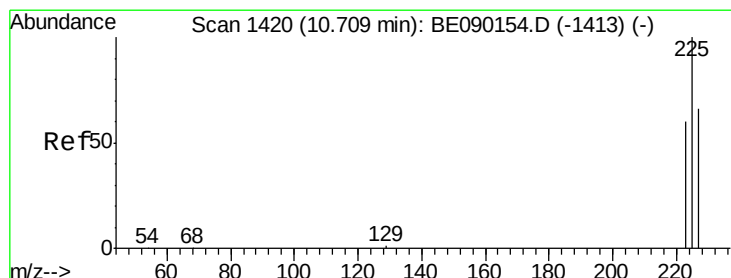
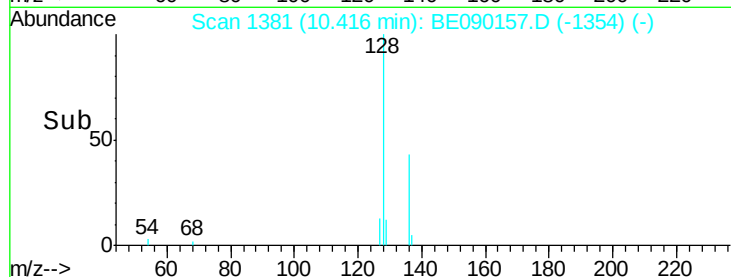
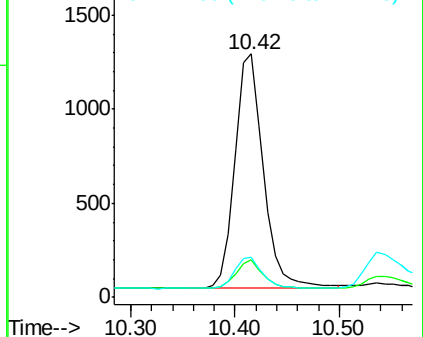
127 16.2 10.7 16.1#



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: 0.15 ng

RT: 10.71 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BE090157.D

Acq: 17 Jul 2015 22:12

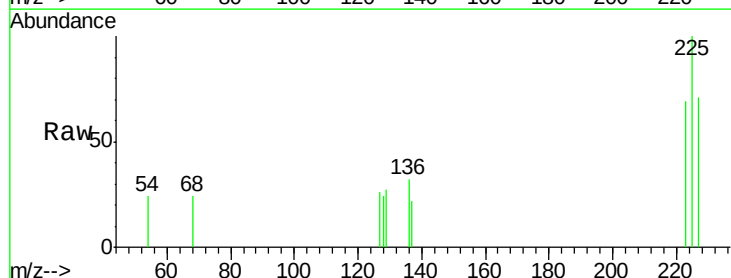
Tgt Ion:225 Resp: 295

Ion Ratio Lower Upper

225 100

223 64.4 50.3 75.5

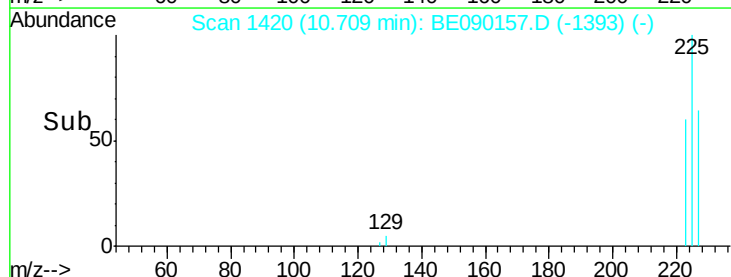
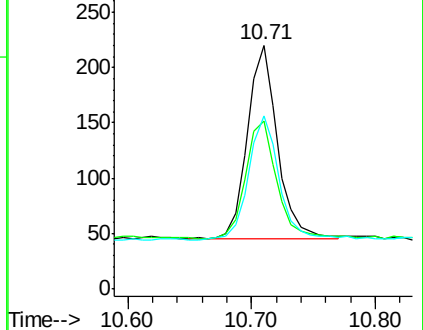
227 66.8 51.3 76.9

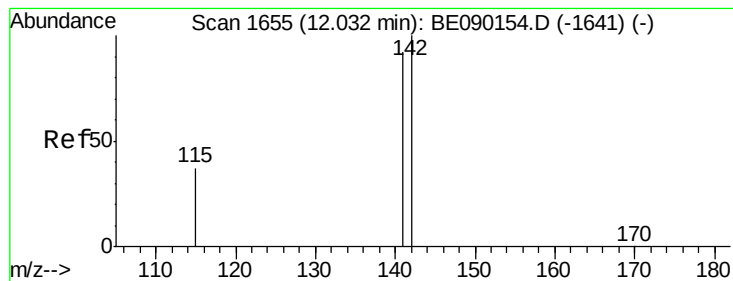


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.20 ng

RT: 12.04 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BE090157.D

Acq: 17 Jul 2015 22:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

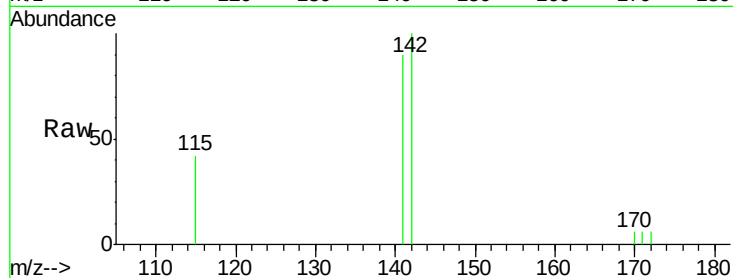
Tot Ion:142 Resp: 1525

Ion Ratio Lower Upper

142 100

141 90.2 73.9 110.9

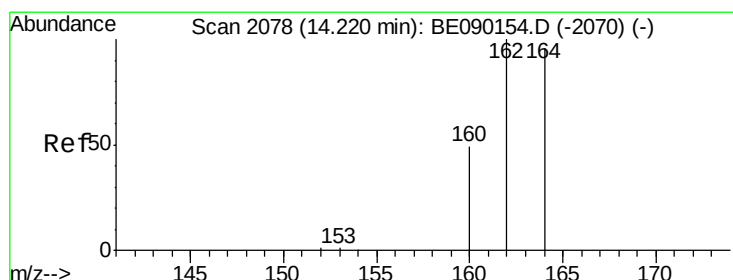
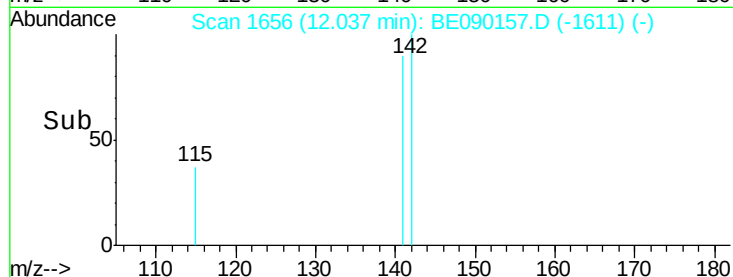
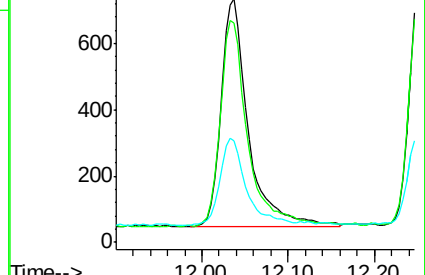
115 42.0 30.0 45.0



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: BE090157.D

Acq: 17 Jul 2015 22:12

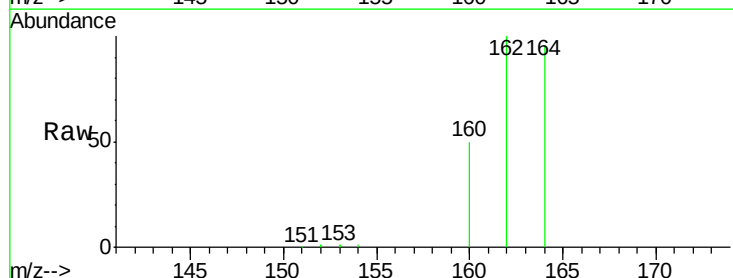
Tgt Ion:164 Resp: 28681

Ion Ratio Lower Upper

164 100

162 103.9 83.3 124.9

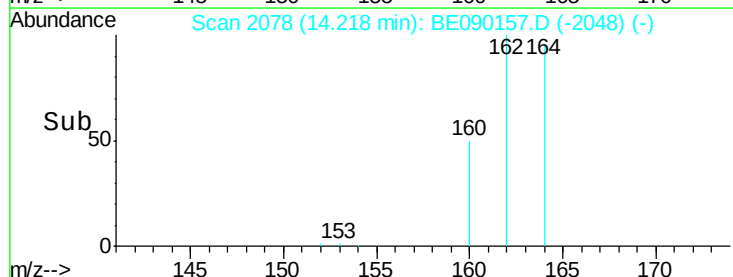
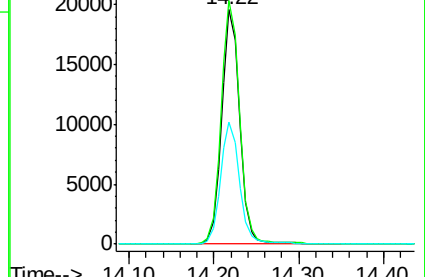
160 52.3 40.9 61.3

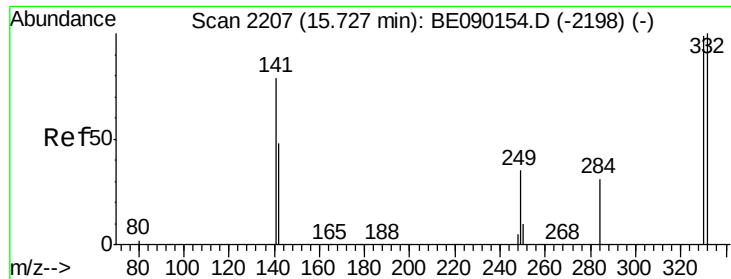


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

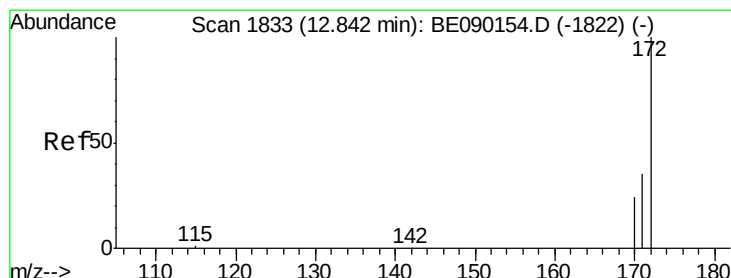
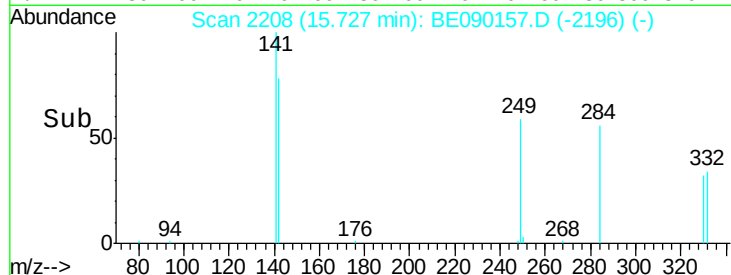
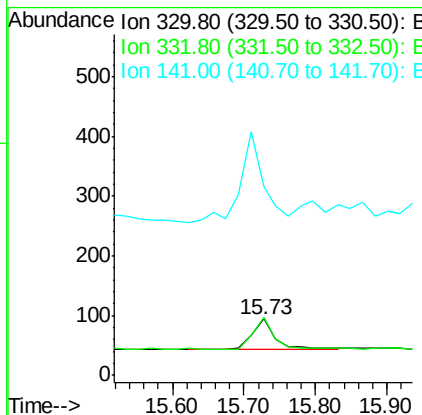
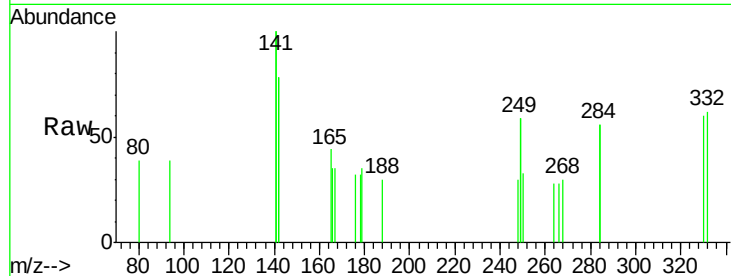




#13
 2,4,6-Tribromophenol
 Concen: 0.23 ng
 RT: 15.73 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: BE090157.D
 Acq: 17 Jul 2015 22:12

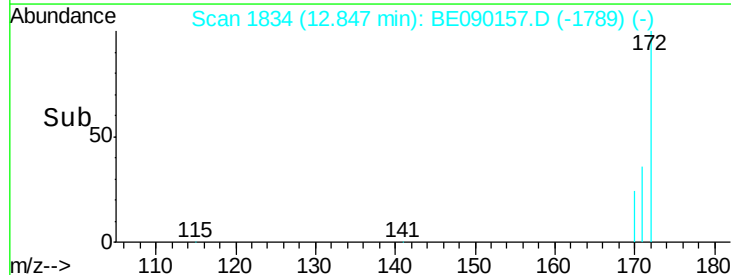
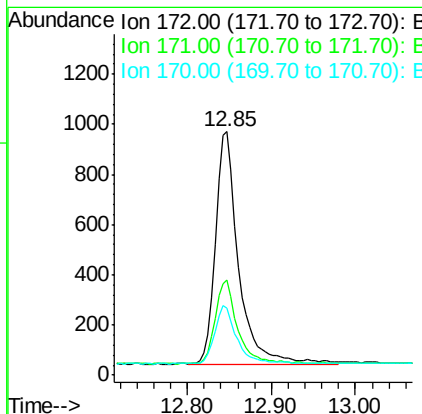
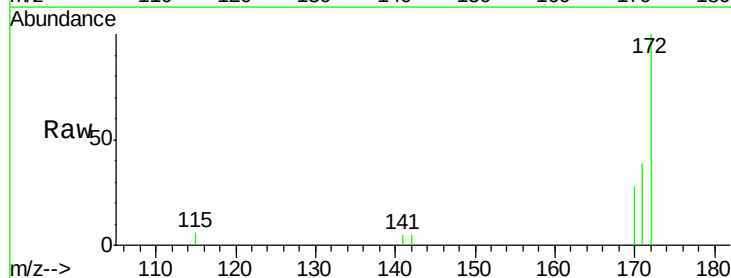
Instrument :
 BNA_E
 ClientSampled :
 SSTDICC0.2

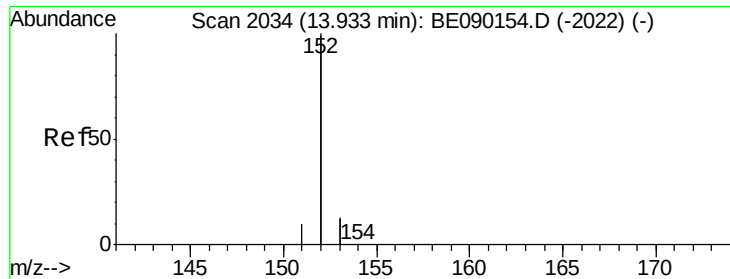
Tot Ion:330 Resp: 123
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.2 117.2
 141 276.4 215.8 323.6



#14
 2-Fluorobiphenyl
 Concen: 0.20 ng
 RT: 12.85 min Scan# 1834
 Delta R.T. 0.00 min
 Lab File: BE090157.D
 Acq: 17 Jul 2015 22:12

Tgt Ion:172 Resp: 1751
 Ion Ratio Lower Upper
 172 100
 171 39.2 28.5 42.7
 170 27.6 19.7 29.5





#15

Acenaphthylene

Concen: 0.21 ng

RT: 13.94 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BE090157.D

Acq: 17 Jul 2015 22:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

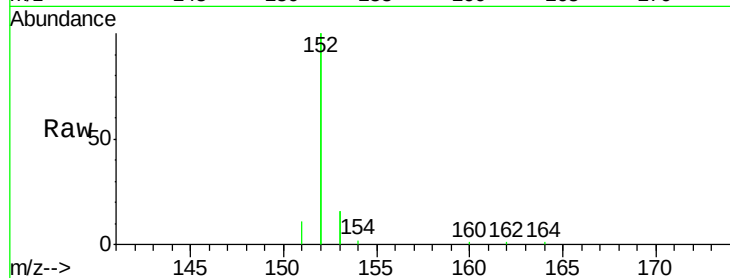
Tot Ion:152 Resp: 10583

Ion Ratio Lower Upper

152 100

151 4.9 4.0 6.0

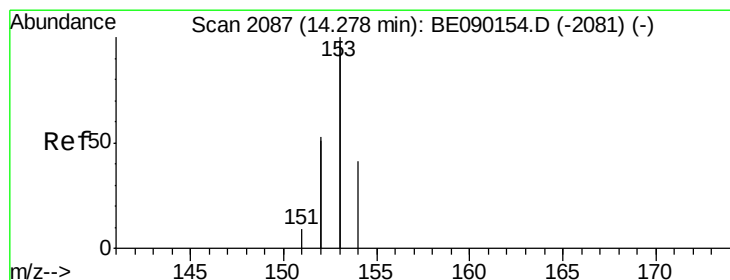
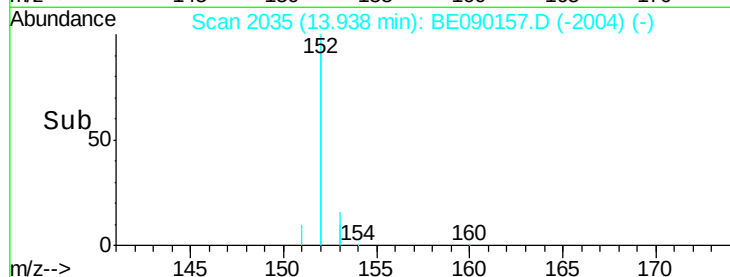
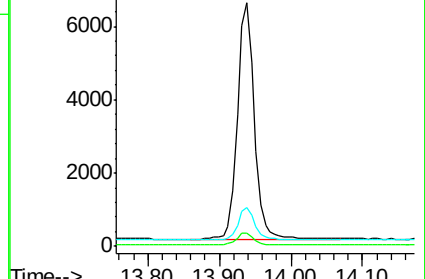
153 13.1 10.4 15.6



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: 0.20 ng

RT: 14.28 min Scan# 2088

Delta R.T. 0.01 min

Lab File: BE090157.D

Acq: 17 Jul 2015 22:12

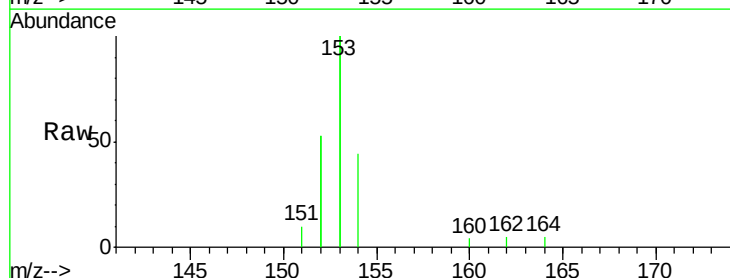
Tgt Ion:154 Resp: 1509

Ion Ratio Lower Upper

154 100

153 469.7 376.9 565.3

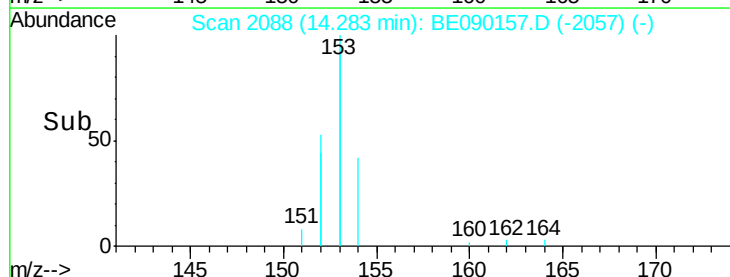
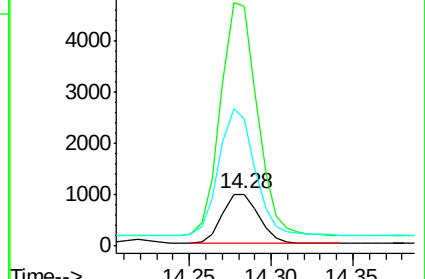
152 254.1 199.0 298.6

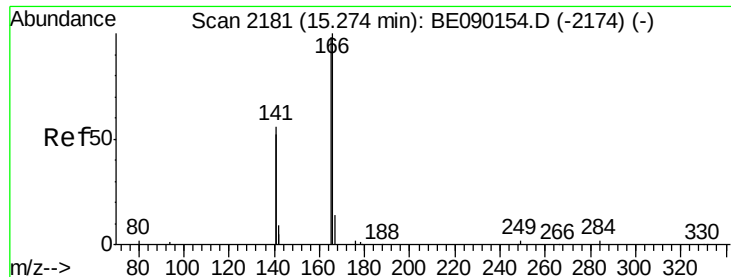


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

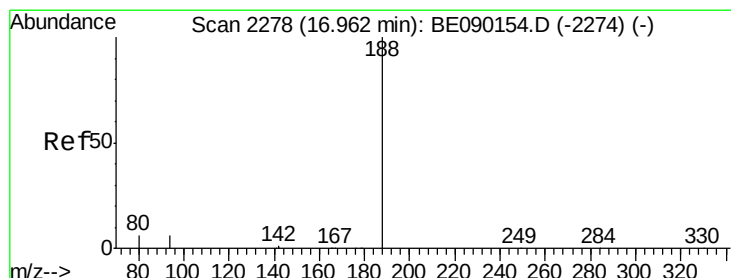
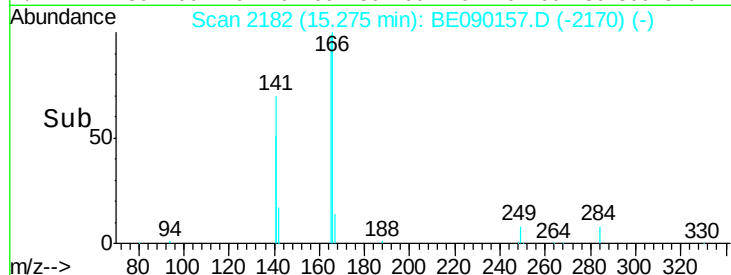
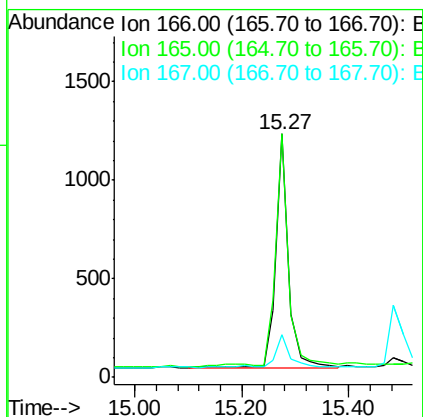
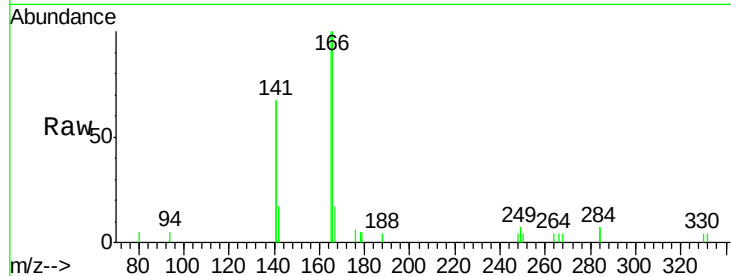




#17
 Fluorene
 Concen: 0.20 ng
 RT: 15.27 min Scan# 2182
 Delta R.T. 0.00 min
 Lab File: BE090157.D
 Acq: 17 Jul 2015 22:12

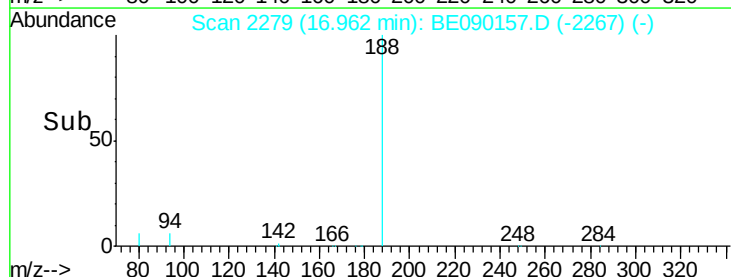
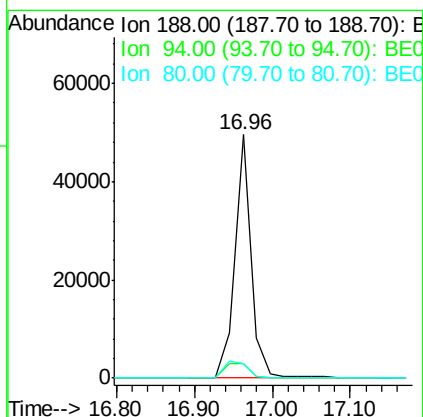
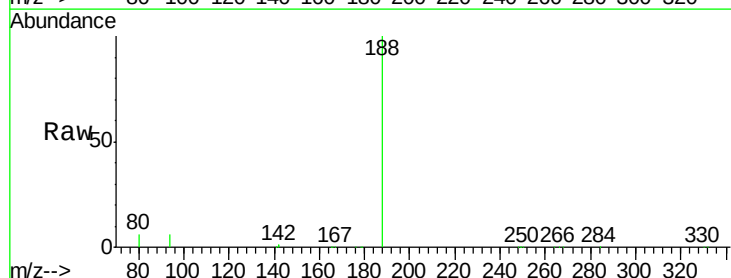
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

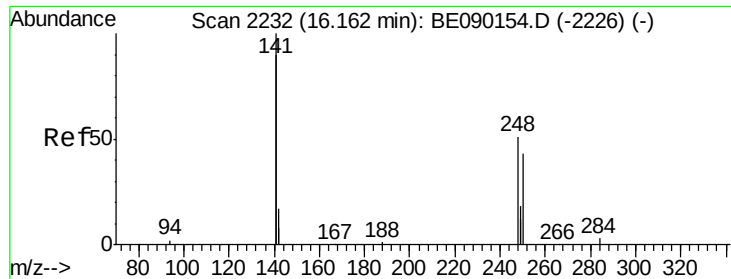
Tot Ion:166 Resp: 1965
 Ion Ratio Lower Upper
 166 100
 165 99.1 81.5 122.3
 167 16.9 11.9 17.9



#18
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.96 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BE090157.D
 Acq: 17 Jul 2015 22:12

Tgt Ion:188 Resp: 71529
 Ion Ratio Lower Upper
 188 100
 94 5.8 4.6 7.0
 80 6.1 4.6 6.8

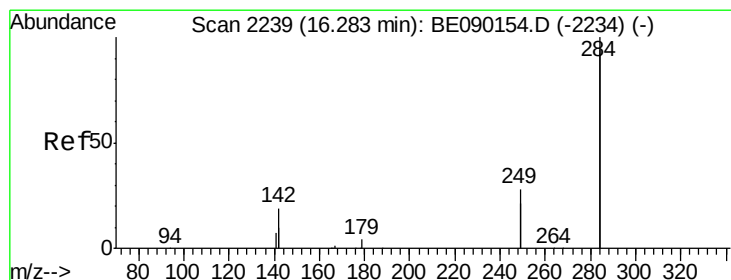
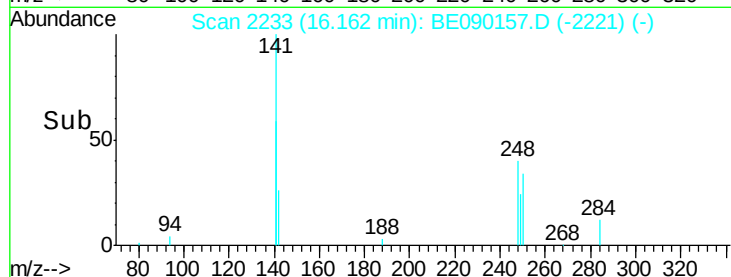
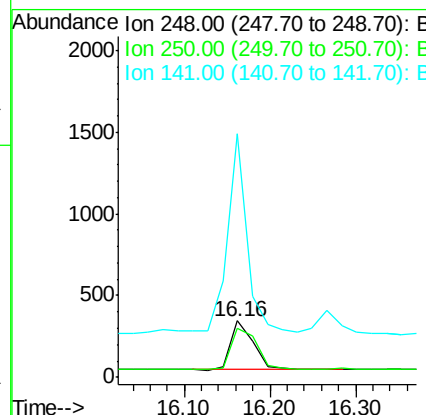
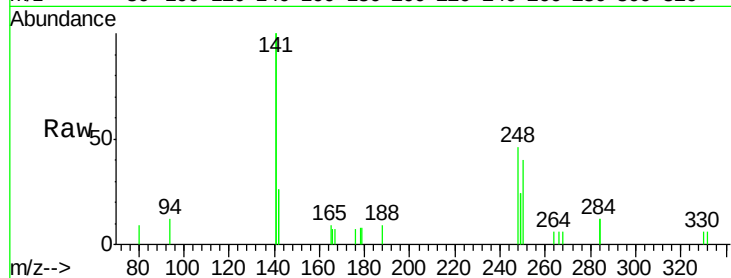




#19
4-Bromophenyl-phenylether
Concen: 0.19 ng
RT: 16.16 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BE090157.D
Acq: 17 Jul 2015 22:12

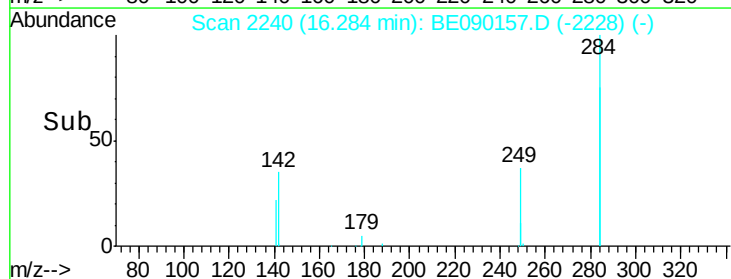
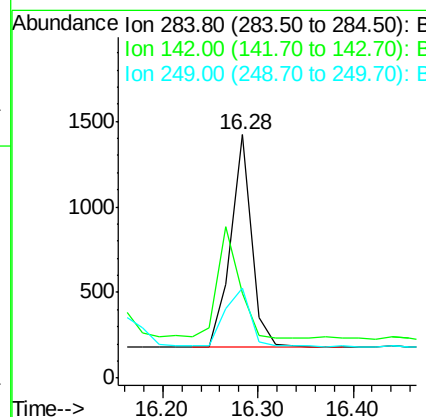
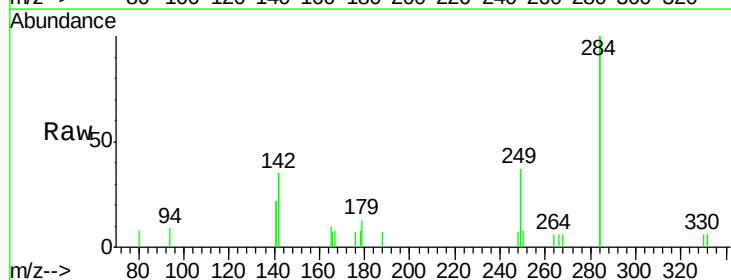
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

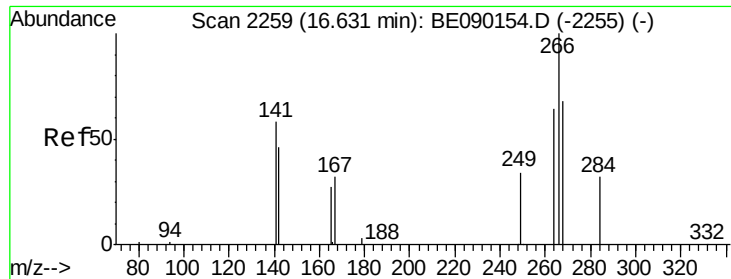
Tot Ion:248 Resp: 559
Ion Ratio Lower Upper
248 100
250 95.3 77.4 116.0
141 337.2 281.3 421.9



#20
Hexachlorobenzene
Concen: 0.15 ng
RT: 16.28 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BE090157.D
Acq: 17 Jul 2015 22:12

Tgt Ion:284 Resp: 1900
Ion Ratio Lower Upper
284 100
142 54.2 42.2 63.2
249 34.2 25.5 38.3

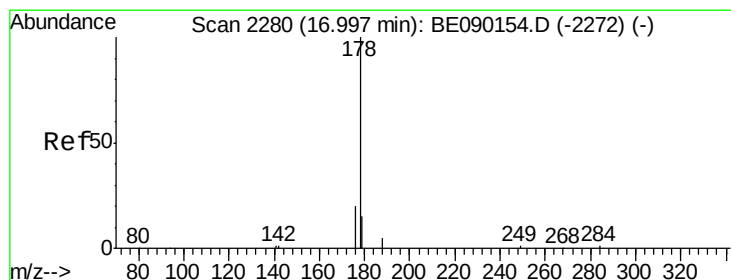
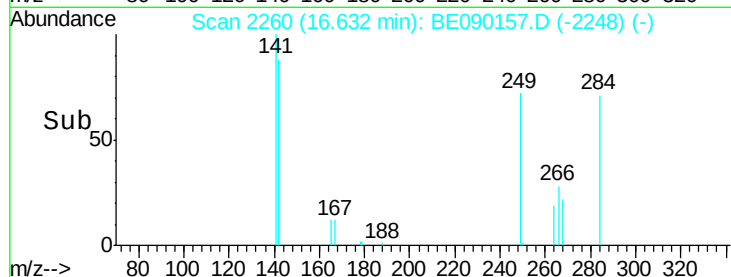
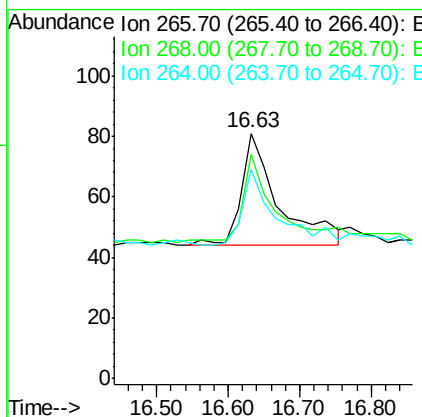
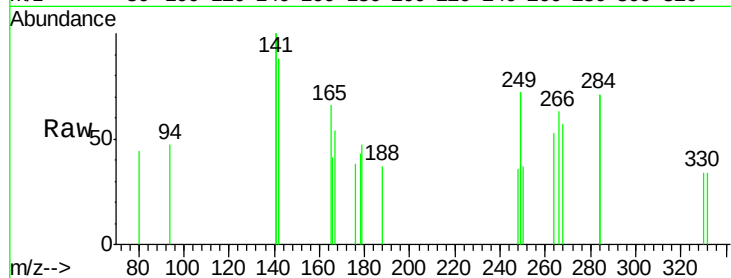




#21
 Pentachlorophenol
 Concen: 0.22 ng
 RT: 16.63 min Scan# 2260
 Delta R.T. 0.00 min
 Lab File: BE090157.D
 Acq: 17 Jul 2015 22:12

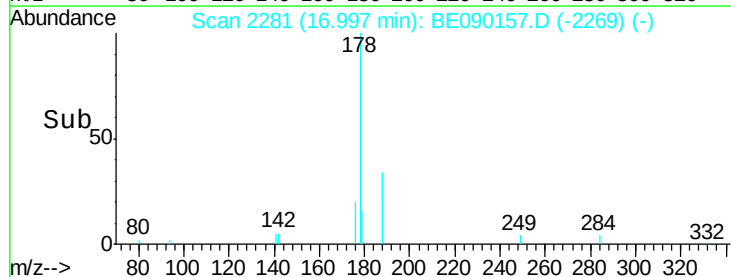
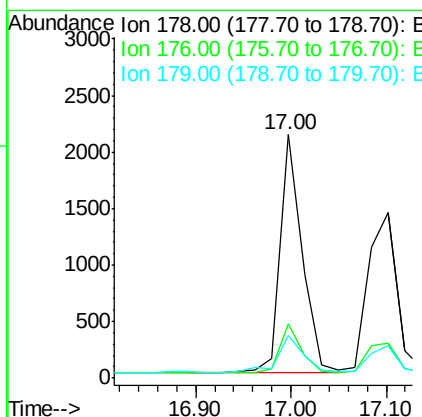
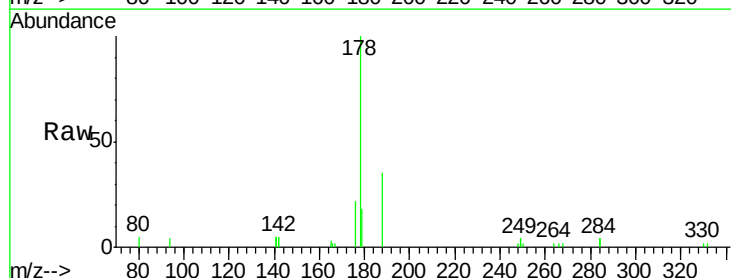
Instrument :
 BNA_E
 ClientSampled :
 SSTDICC0.2

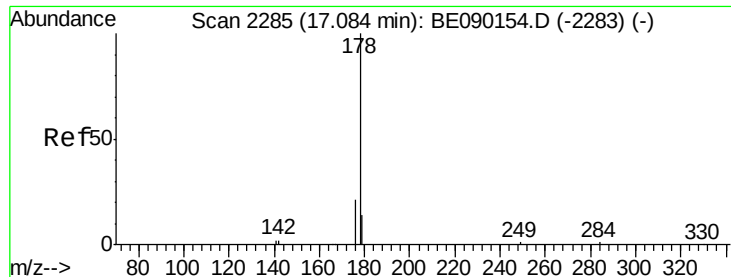
Tot Ion:266 Resp: 135
 Ion Ratio Lower Upper
 266 100
 268 91.4 58.2 87.4#
 264 85.2 55.0 82.4#



#22
 Phenanthrene
 Concen: 0.19 ng
 RT: 17.00 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: BE090157.D
 Acq: 17 Jul 2015 22:12

Tgt Ion:178 Resp: 3352
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 17.3 12.5 18.7





#23

Anthracene

Concen: 0.19 ng

RT: 17.10 min Scan# 2287

Delta R.T. 0.02 min

Lab File: BE090157.D

Acq: 17 Jul 2015 22:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

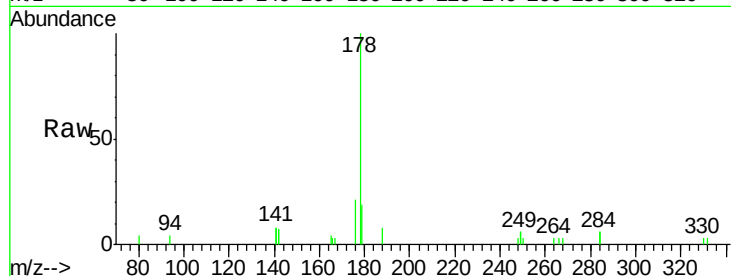
Tot Ion:178 Resp: 2954

Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.2

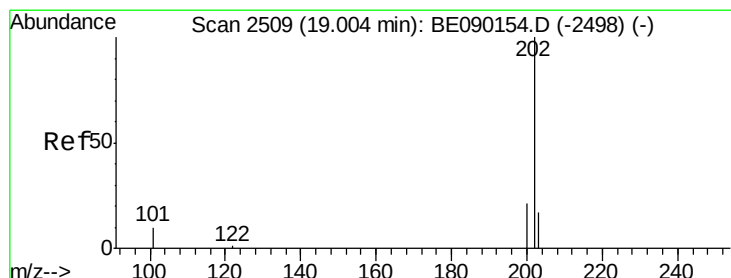
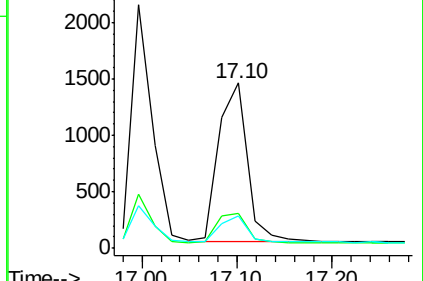
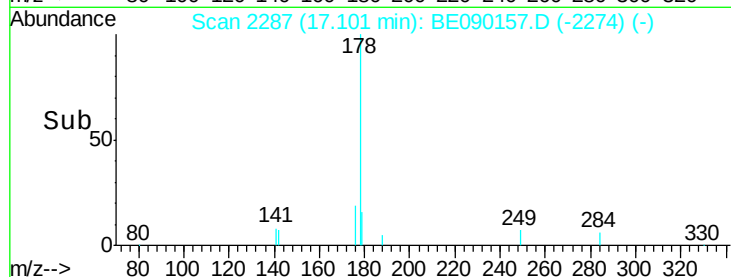
179 15.5 12.2 18.2



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: 0.21 ng

RT: 19.01 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BE090157.D

Acq: 17 Jul 2015 22:12

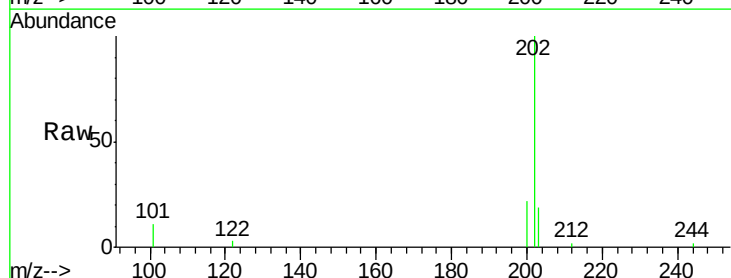
Tgt Ion:202 Resp: 3669

Ion Ratio Lower Upper

202 100

101 10.2 8.5 12.7

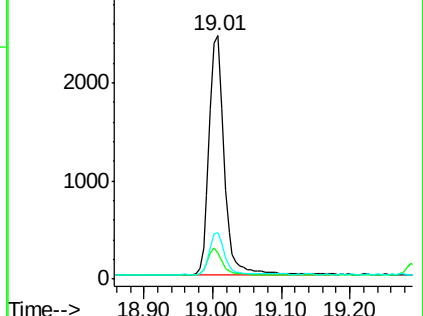
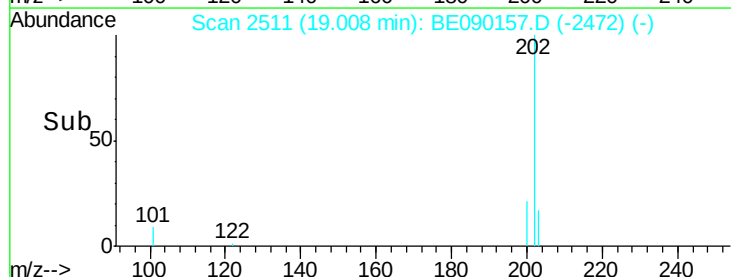
203 17.3 13.9 20.9

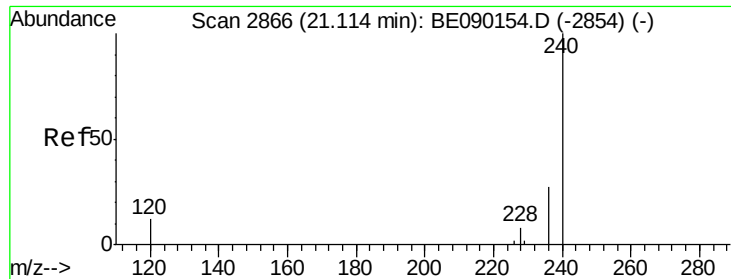


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2869

Delta R.T. 0.01 min

Lab File: BE090157.D

Acq: 17 Jul 2015 22:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

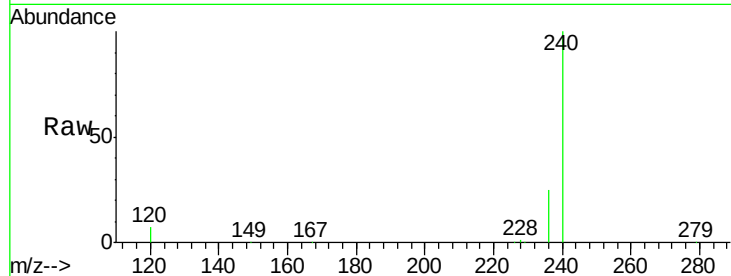
Tot Ion:240 Resp: 82955

Ion Ratio Lower Upper

240 100

120 6.9 9.4 14.0#

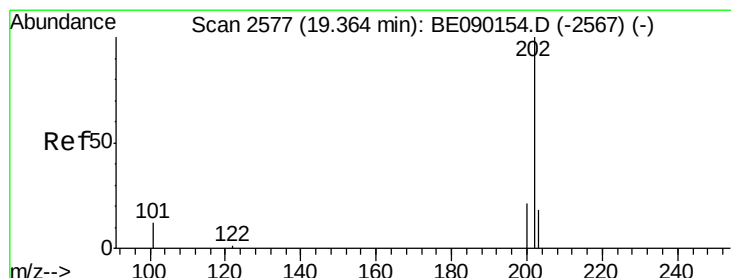
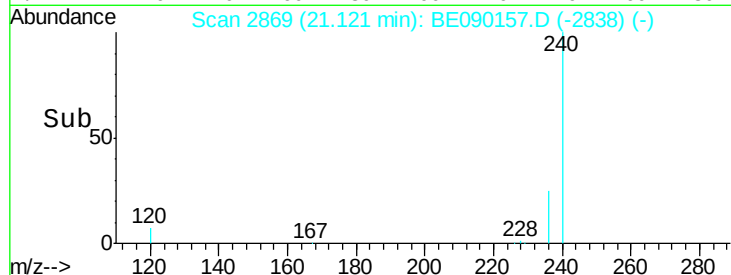
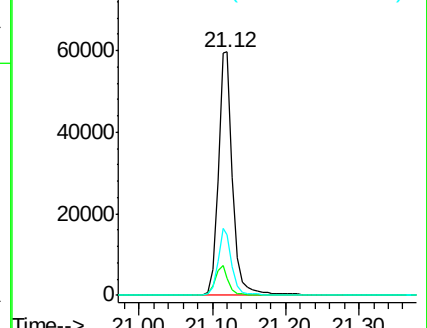
236 25.1 21.8 32.8



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: 0.17 ng

RT: 19.37 min Scan# 2579

Delta R.T. 0.00 min

Lab File: BE090157.D

Acq: 17 Jul 2015 22:12

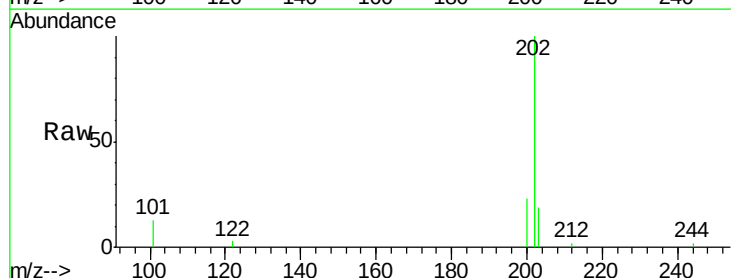
Tgt Ion:202 Resp: 3822

Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

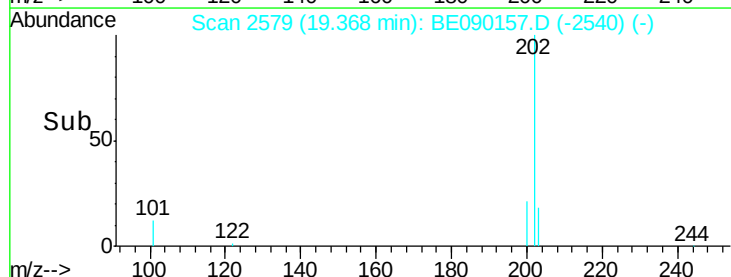
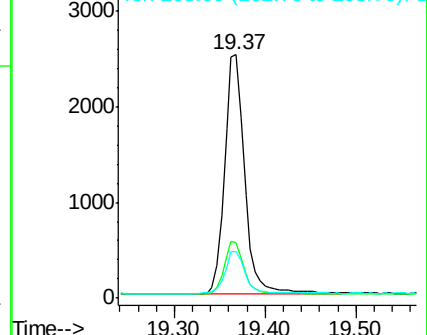
203 17.7 14.1 21.1

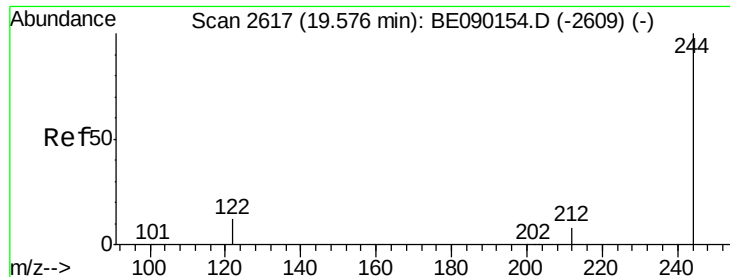


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

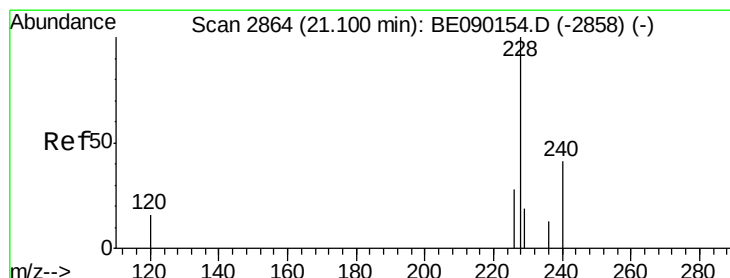
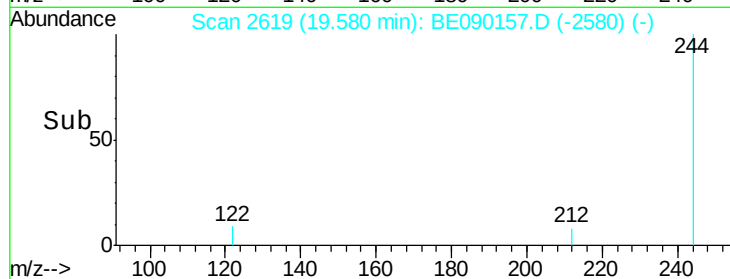
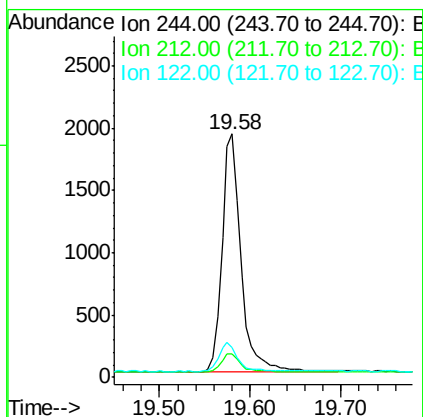
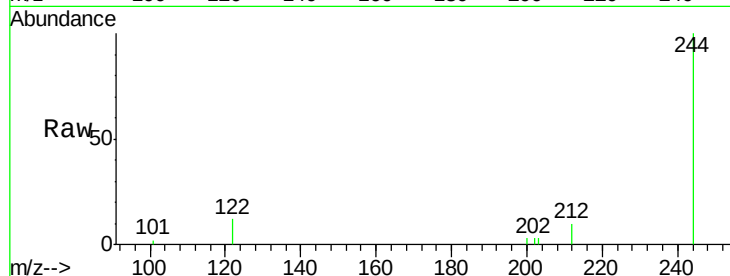




#27
 Terphenyl-d14
 Concen: 0.20 ng
 RT: 19.58 min Scan# 2619
 Delta R.T. 0.00 min
 Lab File: BE090157.D
 Acq: 17 Jul 2015 22:12

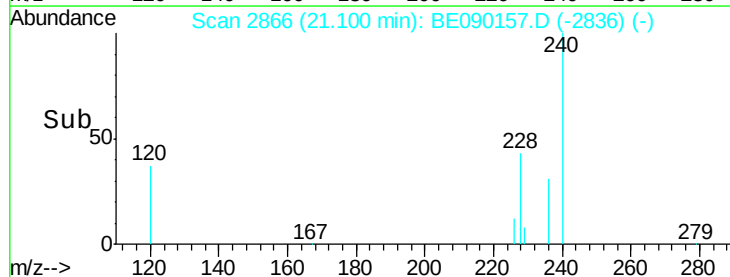
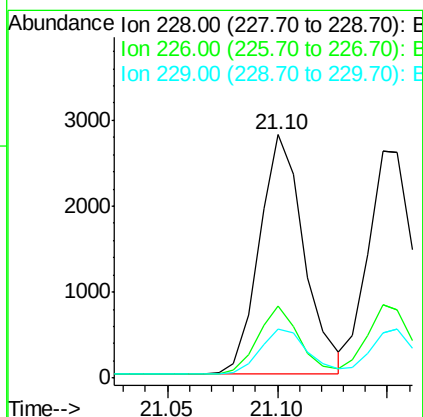
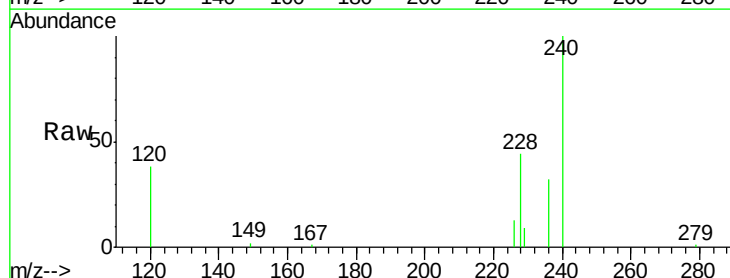
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

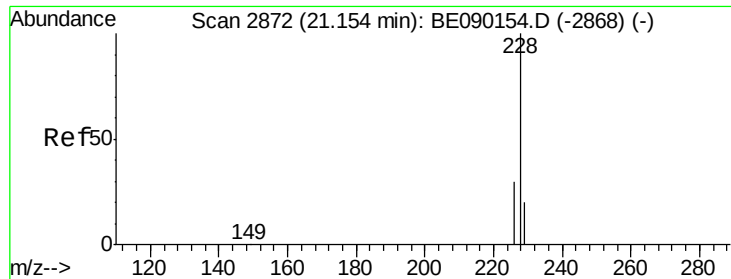
Tot Ion:244 Resp: 2775
 Ion Ratio Lower Upper
 244 100
 212 9.7 6.5 9.7
 122 12.4 9.8 14.6



#28
 Benzo(a)anthracene
 Concen: 0.27 ng
 RT: 21.10 min Scan# 2866
 Delta R.T. 0.00 min
 Lab File: BE090157.D
 Acq: 17 Jul 2015 22:12

Tgt Ion:228 Resp: 3946
 Ion Ratio Lower Upper
 228 100
 226 29.4 22.2 33.4
 229 19.9 15.7 23.5





#29

Chrysene

Concen: 0.16 ng

RT: 21.15 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BE090157.D

Acq: 17 Jul 2015 22:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

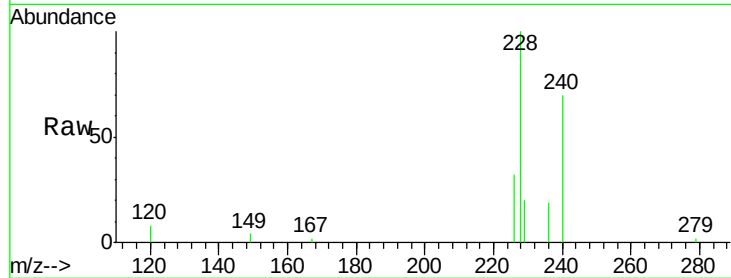
Tot Ion:228 Resp: 4004

Ion Ratio Lower Upper

228 100

226 32.4 23.8 35.8

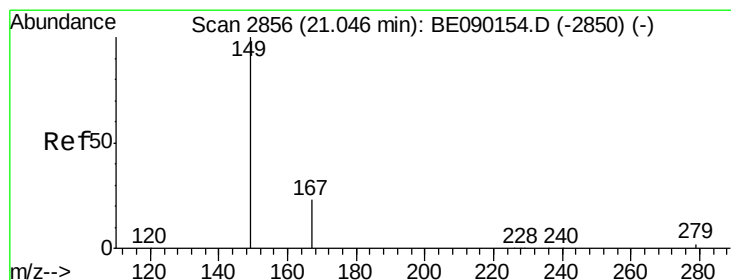
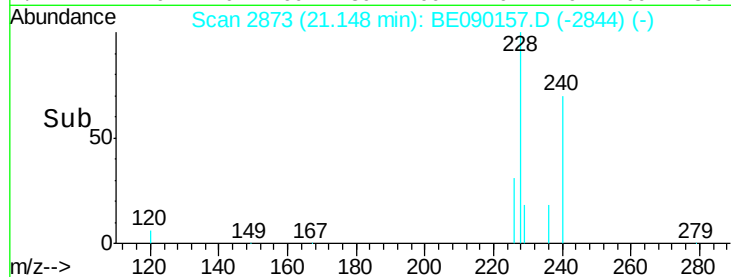
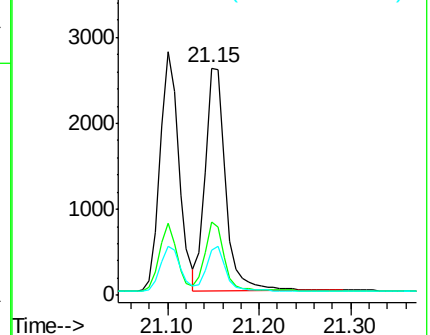
229 19.8 16.5 24.7



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: 0.41 ng

RT: 21.05 min Scan# 2858

Delta R.T. 0.00 min

Lab File: BE090157.D

Acq: 17 Jul 2015 22:12

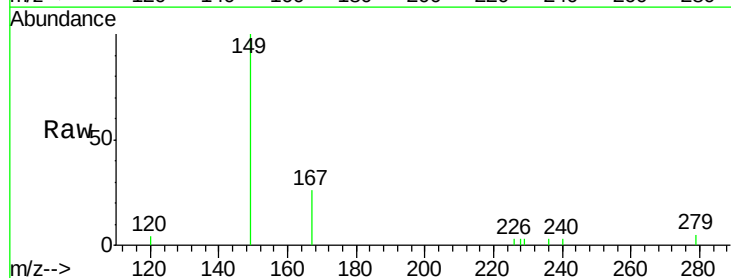
Tgt Ion:149 Resp: 1654

Ion Ratio Lower Upper

149 100

167 23.9 18.6 28.0

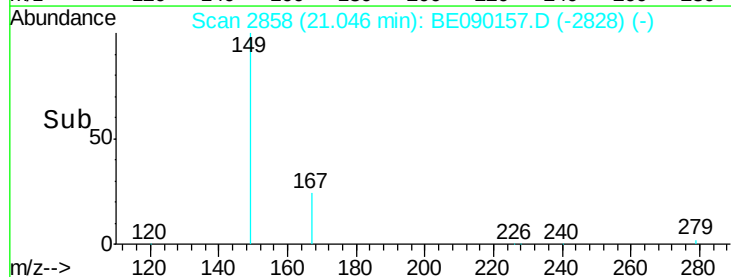
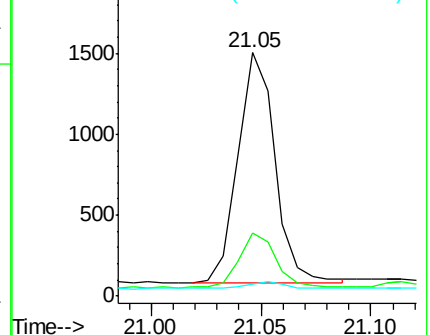
279 3.0 2.2 3.4

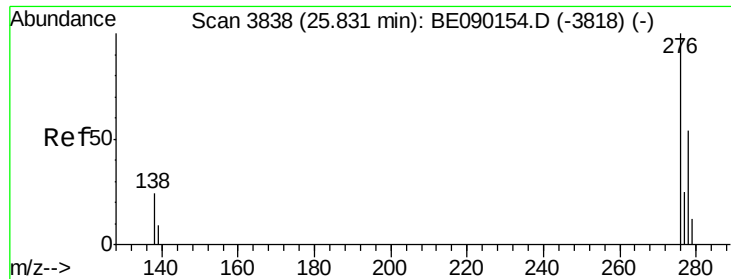


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

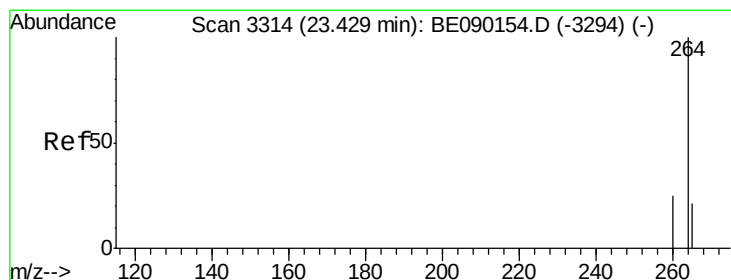
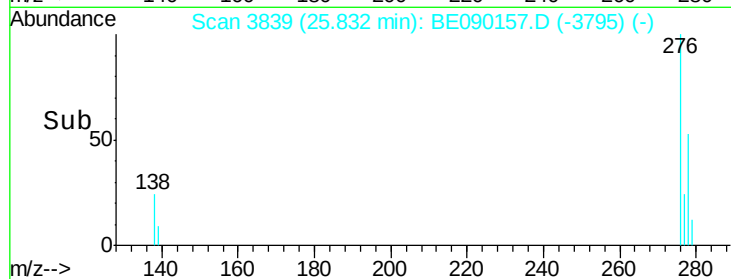
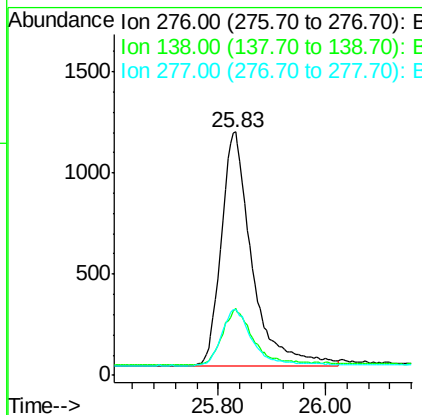
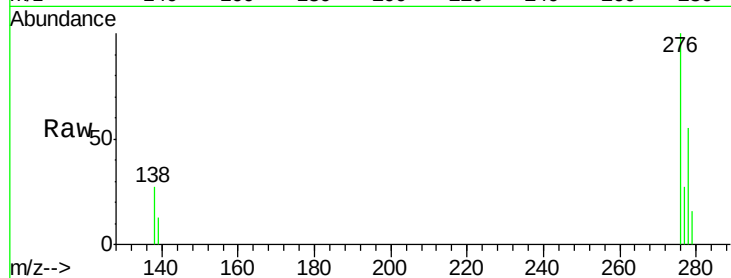




#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.63 ng
 RT: 25.83 min Scan# 3839
 Delta R.T. 0.00 min
 Lab File: BE090157.D
 Acq: 17 Jul 2015 22:12

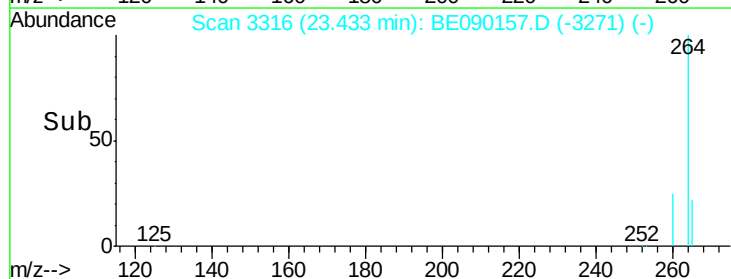
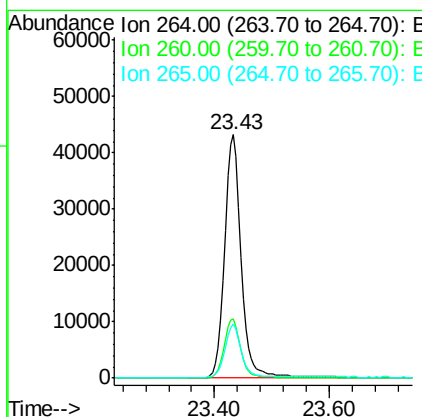
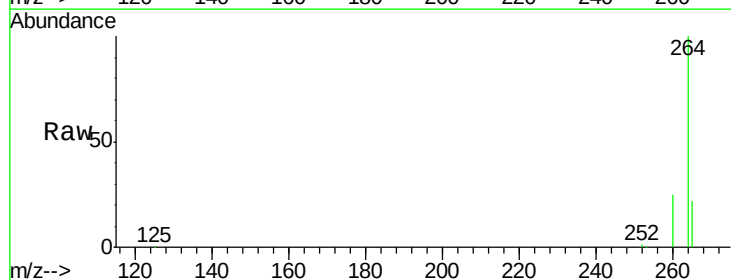
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

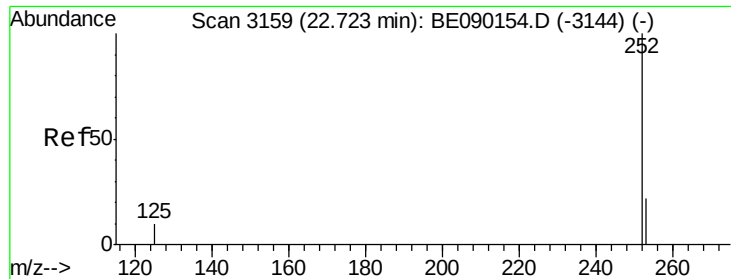
Tot Ion:276 Resp: 4597
 Ion Ratio Lower Upper
 276 100
 138 24.0 19.5 29.3
 277 24.5 19.8 29.6



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.43 min Scan# 3316
 Delta R.T. 0.00 min
 Lab File: BE090157.D
 Acq: 17 Jul 2015 22:12

Tgt Ion:264 Resp: 88003
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.8 29.8
 265 22.0 17.4 26.2





#33

Benzo(b)fluoranthene

Concen: 0.44 ng

RT: 22.73 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BE090157.D

Acq: 17 Jul 2015 22:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

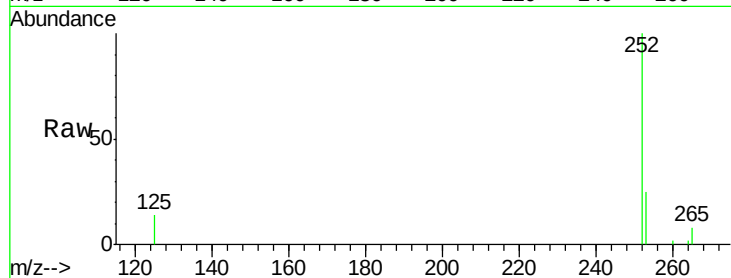
Tot Ion:252 Resp: 3636

Ion Ratio Lower Upper

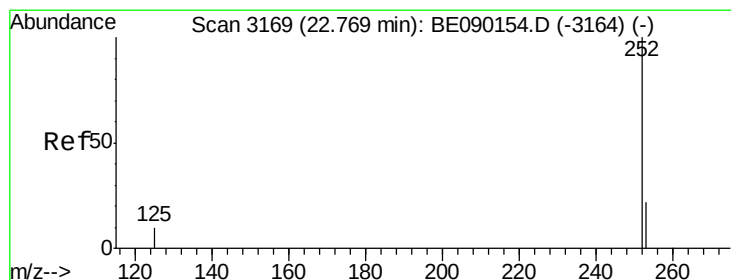
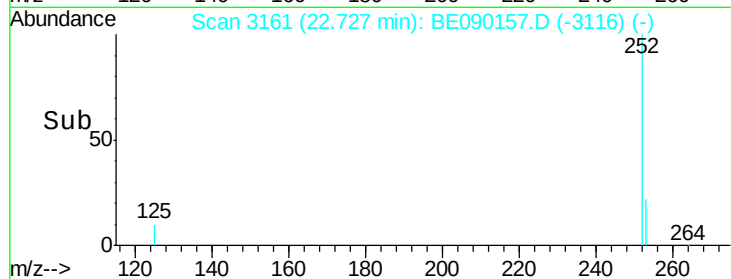
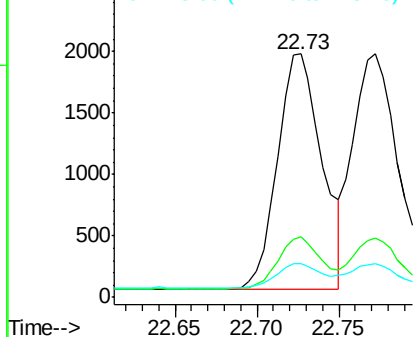
252 100

253 25.0 17.9 26.9

125 13.6 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: 0.22 ng

RT: 22.77 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BE090157.D

Acq: 17 Jul 2015 22:12

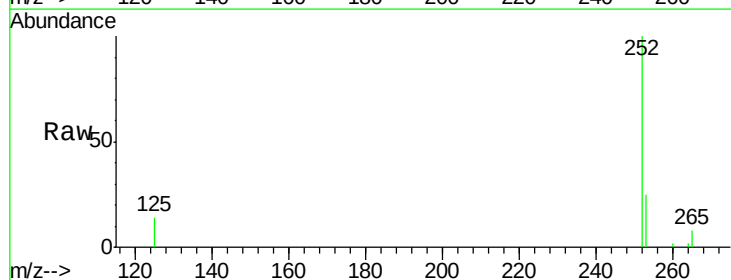
Tgt Ion:252 Resp: 4099

Ion Ratio Lower Upper

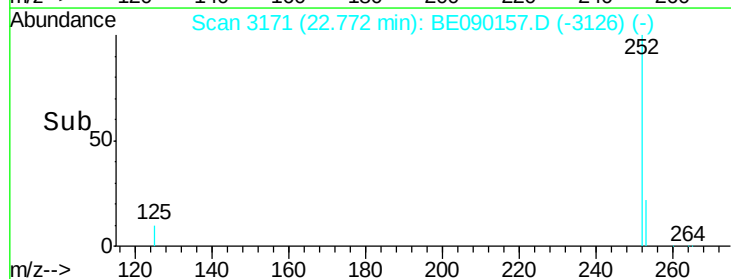
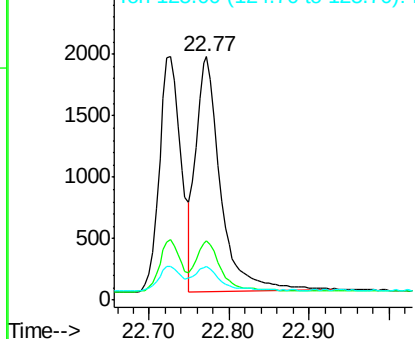
252 100

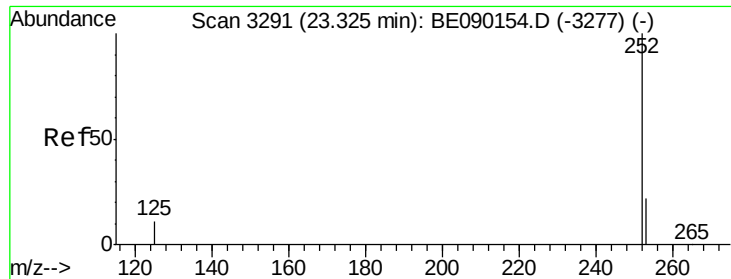
253 24.6 18.1 27.1

125 14.0 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: 0.33 ng

RT: 23.33 min Scan# 3293

Delta R.T. 0.00 min

Lab File: BE090157.D

Acq: 17 Jul 2015 22:12

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

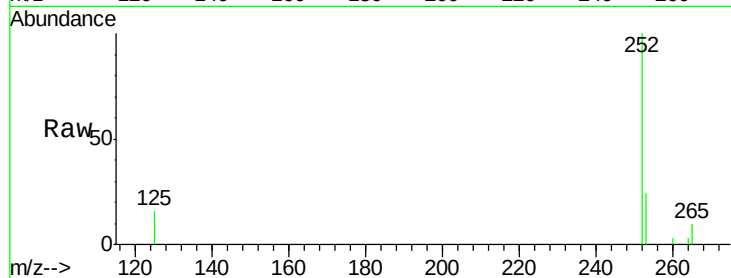
Tot Ion:252 Resp: 3463

Ion Ratio Lower Upper

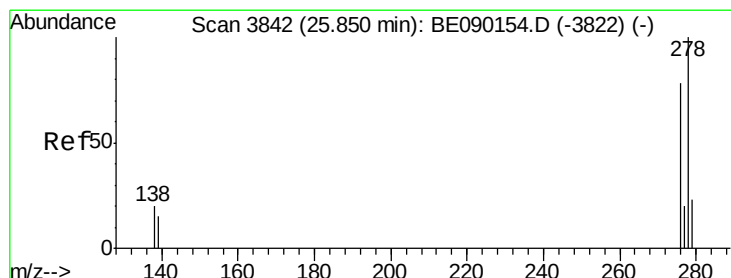
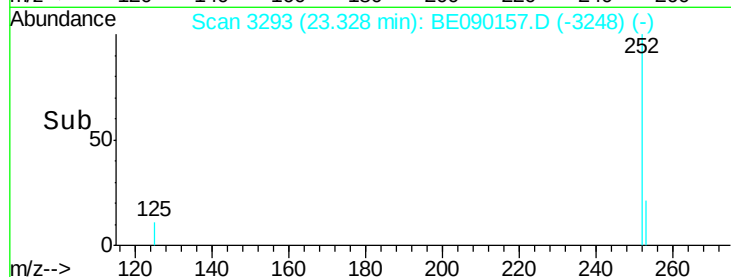
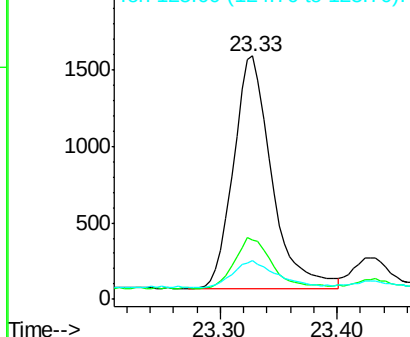
252 100

253 24.5 18.0 27.0

125 15.8 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: 0.55 ng

RT: 25.85 min Scan# 3843

Delta R.T. 0.00 min

Lab File: BE090157.D

Acq: 17 Jul 2015 22:12

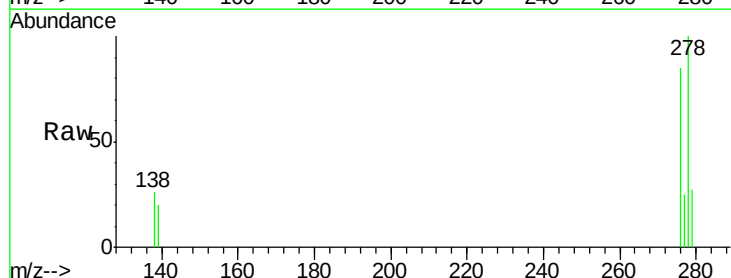
Tgt Ion:278 Resp: 3639

Ion Ratio Lower Upper

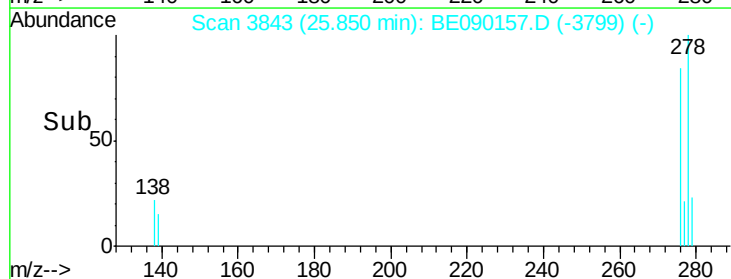
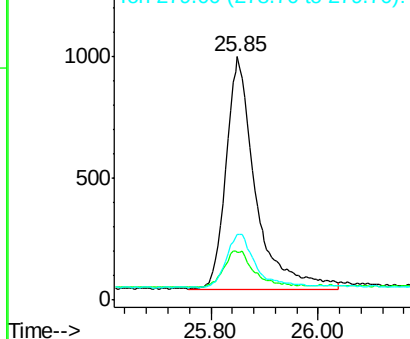
278 100

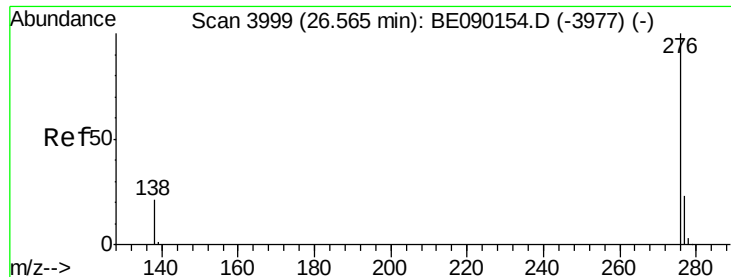
139 19.5 12.9 19.3#

279 26.9 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(a,h,i)perylene

Concen: 0.35 ng

RT: 26.56 min Scan# 3999

Delta R.T. -0.00 min

Lab File: BE090157.D

Acq: 17 Jul 2015 22:12

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

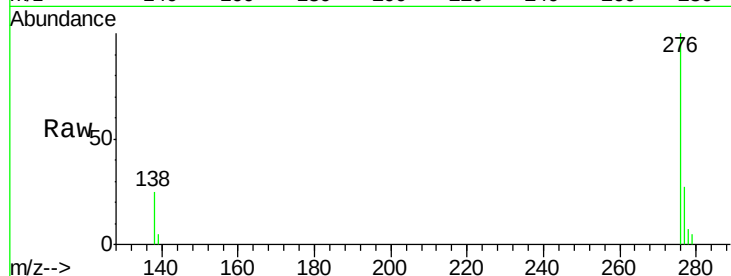
Tot Ion:276 Resp: 3880

Ion Ratio Lower Upper

276 100

277 27.5 19.0 28.6

138 25.2 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

