

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070915\
 Data File : BE090079.D
 Acq On : 9 Jul 2015 18:46
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Jul 10 02:19:48 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 07:01:01 2015
 Response via : Initial Calibration

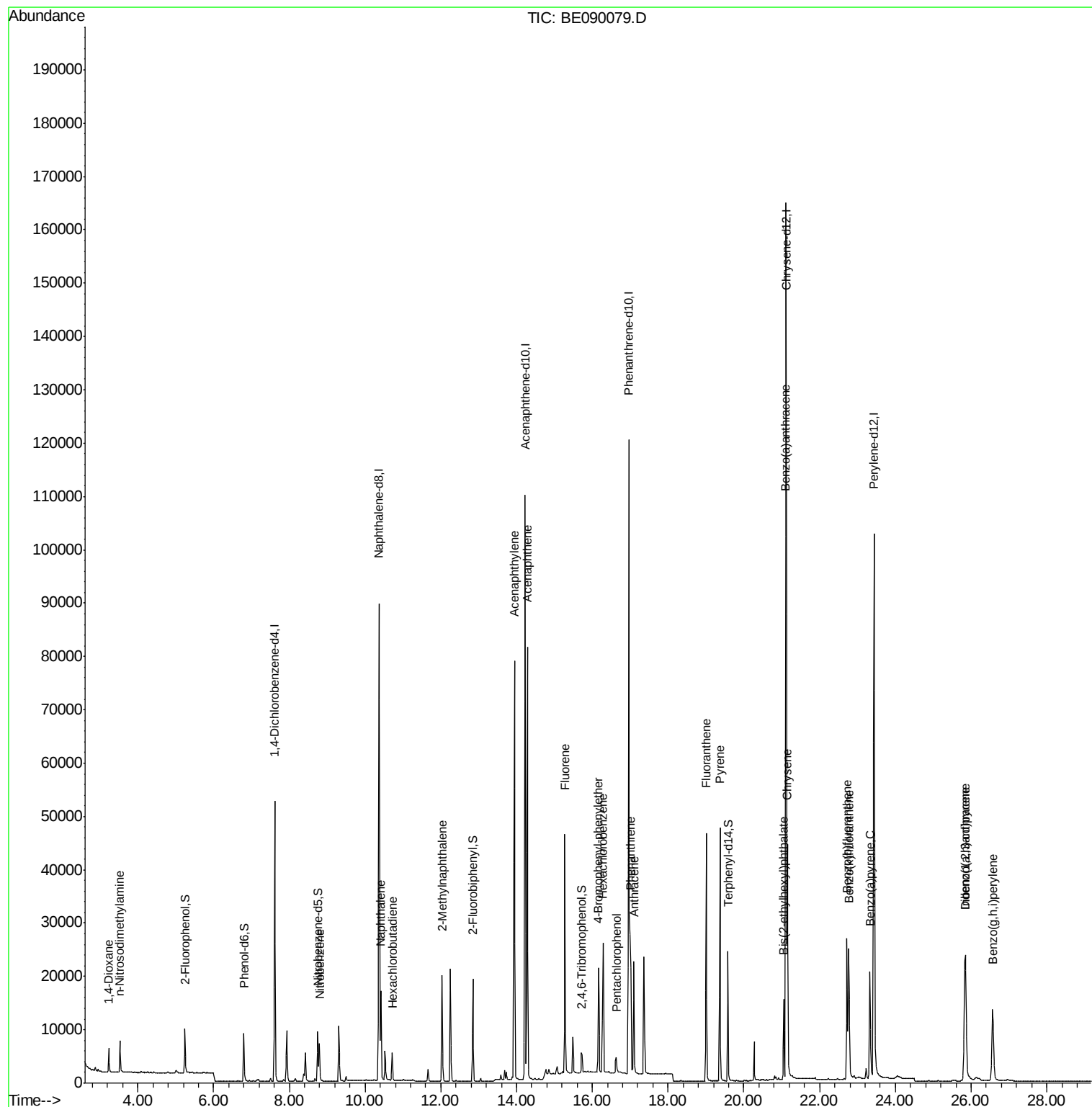
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	25323	5.00	ng	-0.01
6) Naphthalene-d8	10.37	136	115812	5.00	ng	-0.01
12) Acenaphthene-d10	14.22	164	64812	5.00	ng	-0.01
18) Phenanthrene-d10	16.96	188	141091	5.00	ng	-0.02
25) Chrysene-d12	21.12	240	154567	5.00	ng	-0.01
32) Perylene-d12	23.44	264	141975	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	6015	1.03	ng	0.00
5) Phenol-d6	6.80	99	9872	1.21	ng	0.00
7) Nitrobenzene-d5	8.75	82	8268	0.90	ng	-0.01
13) 2,4,6-Tribromophenol	15.73	330	2038	1.07	ng	0.00
14) 2-Fluorobiphenyl	12.85	172	18774	0.96	ng	-0.01
27) Terphenyl-d14	19.58	244	25908	1.01	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	2763	0.79	ng	95
3) n-Nitrosodimethylamine	3.52	42	3666	0.78	ng	90
8) Nitrobenzene	8.79	77	7934	0.81	ng	98
9) Naphthalene	10.41	128	22669	0.87	ng	99
10) Hexachlorobutadiene	10.72	225	3661	0.89	ng	99
11) 2-Methylnaphthalene	12.03	142	14555	0.83	ng	99
15) Acenaphthylene	13.94	152	100037	0.86	ng	100
16) Acenaphthene	14.28	154	14677	0.87	ng	98
17) Fluorene	15.27	166	18354	0.80	ng	98
19) 4-Bromophenyl-phenylether	16.16	248	5063	0.84	ng	98
20) Hexachlorobenzene	16.28	284	21780	0.87	ng	96
21) Pentachlorophenol	16.63	266	2018	0.87	ng	97
22) Phenanthrene	17.00	178	35484	0.98	ng	100
23) Anthracene	17.10	178	28544	0.86	ng	99
24) Fluoranthene	19.00	202	44134	1.09	ng	100
26) Pyrene	19.37	202	43413	1.18	ng	99
28) Benzo(a)anthracene	21.10	228	39139	1.01	ng	99
29) Chrysene	21.16	228	38359	0.96	ng	100
30) Bis(2-ethylhexyl)phthalate	21.05	149	14015	1.05	ng	99
31) Indeno(1,2,3-cd)pyrene	25.83	276	36088	0.94	ng	99
33) Benzo(b)fluoranthene	22.73	252	34634	1.11	ng	100
34) Benzo(k)fluoranthene	22.77	252	35683	1.02	ng	100
35) Benzo(a)pyrene	23.33	252	31717	1.10	ng	99
36) Dibenzo(a,h)anthracene	25.85	278	27593	0.93	ng	99
37) Benzo(g,h,i)perylene	26.57	276	29921	0.99	ng	98

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

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Instrument :
BNA_E
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Quant Time: Jul 10 02:19:48 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 07:01:01 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 851

Delta R.T. -0.01 min

Lab File: BE090079.D

Acq: 9 Jul 2015 18:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

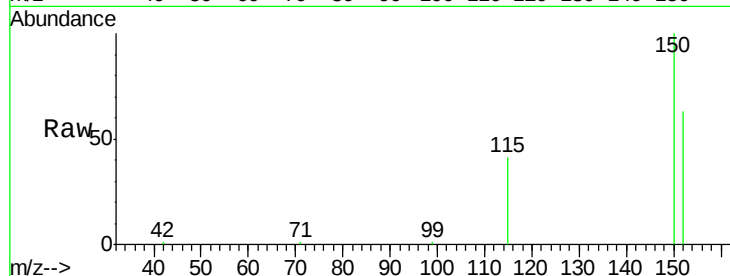
Tgt Ion:152 Resp: 25323

Ion Ratio Lower Upper

152 100

150 158.9 123.9 185.9

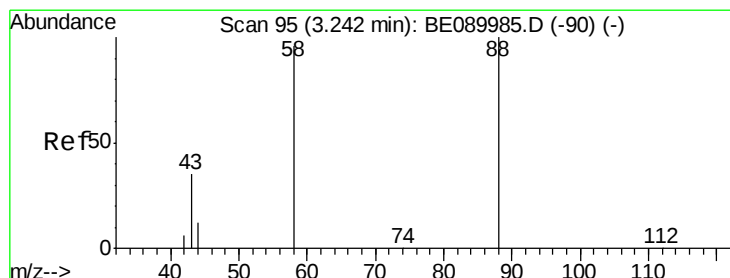
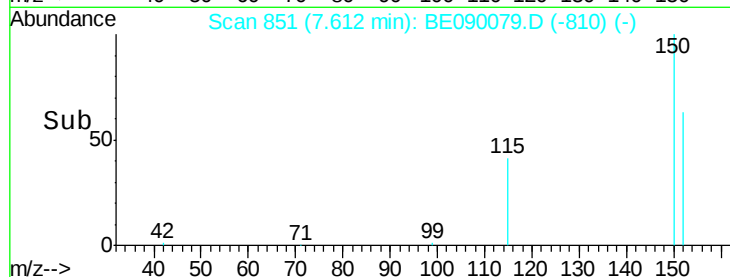
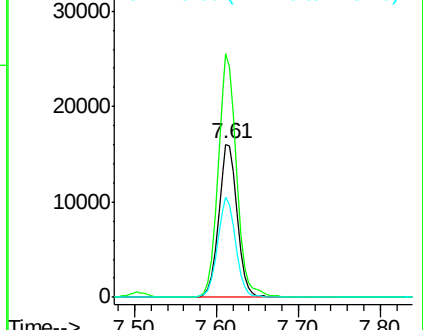
115 65.4 50.6 76.0



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: 0.79 ng

RT: 3.24 min Scan# 94

Delta R.T. -0.01 min

Lab File: BE090079.D

Acq: 9 Jul 2015 18:46

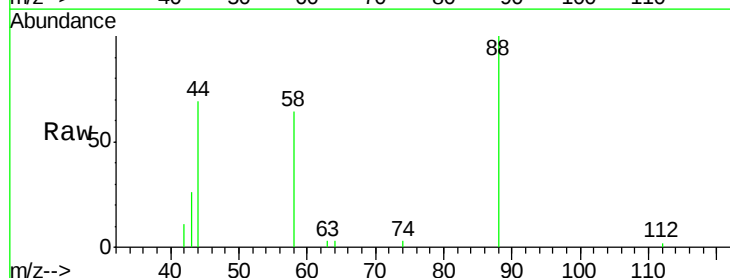
Tgt Ion: 88 Resp: 2763

Ion Ratio Lower Upper

88 100

58 83.9 70.9 106.3

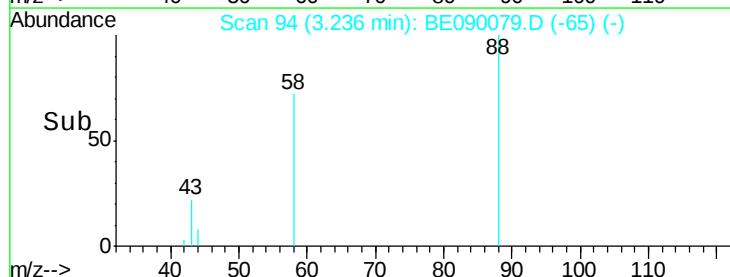
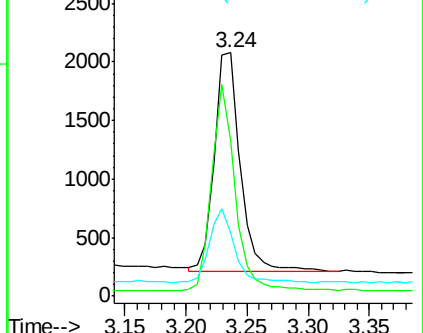
43 31.9 27.6 41.4

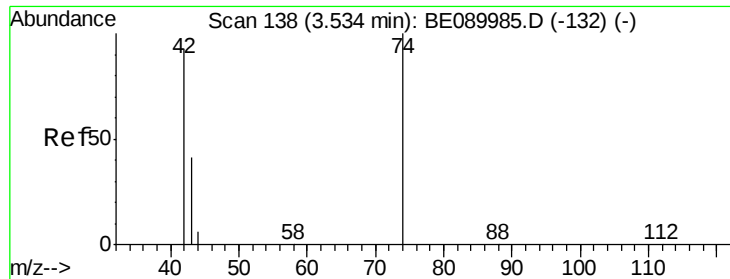


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.78 ng

RT: 3.52 min Scan# 136

Delta R.T. -0.01 min

Lab File: BE090079.D

Acq: 9 Jul 2015 18:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

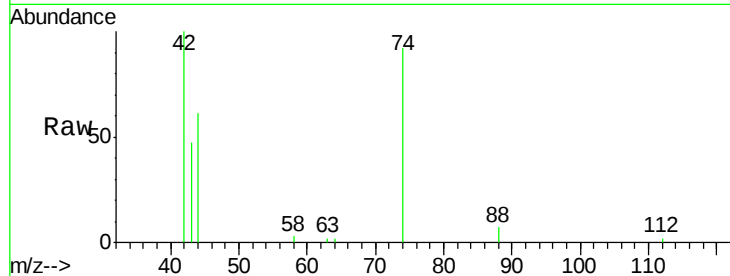
Tgt Ion: 42 Resp: 3666

Ion Ratio Lower Upper

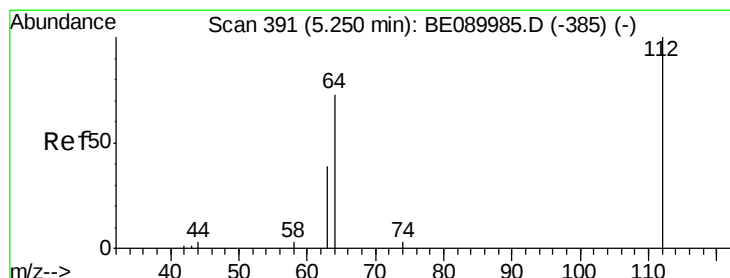
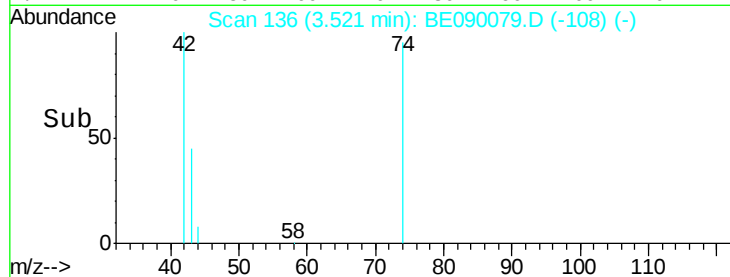
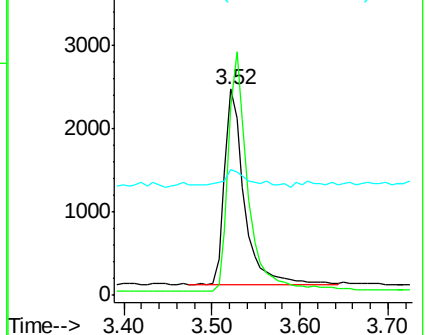
42 100

74 123.7 89.4 134.2

44 8.1 6.9 10.3



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: 1.03 ng

RT: 5.24 min Scan# 390

Delta R.T. -0.01 min

Lab File: BE090079.D

Acq: 9 Jul 2015 18:46

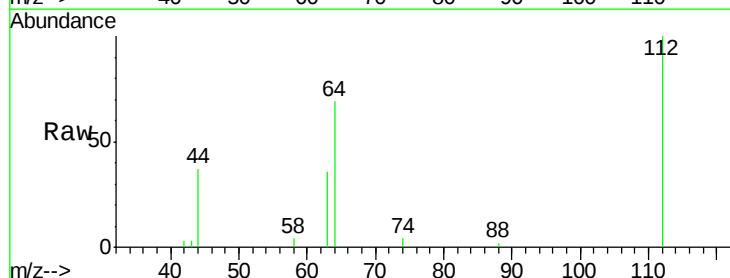
Tgt Ion: 112 Resp: 6015

Ion Ratio Lower Upper

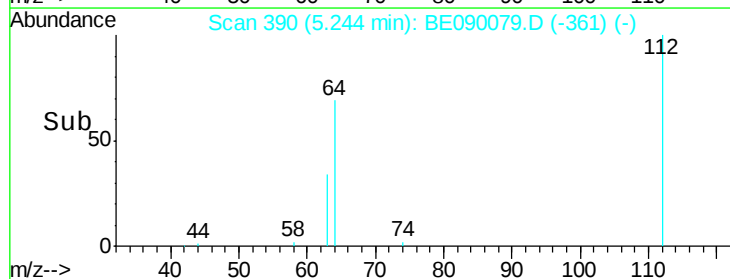
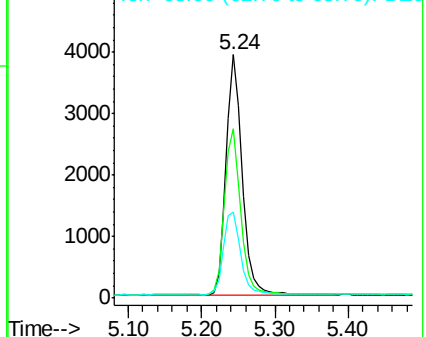
112 100

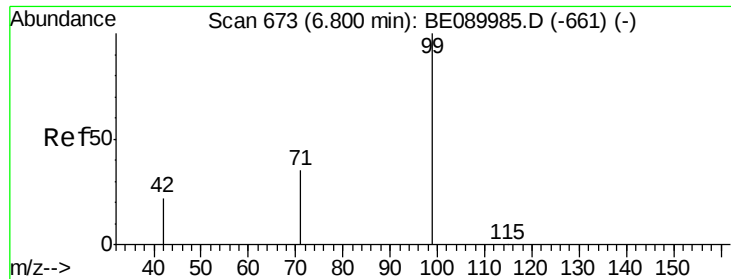
64 69.6 56.3 84.5

63 35.8 29.8 44.6



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: 1.21 ng

RT: 6.80 min Scan# 672

Delta R.T. -0.00 min

Lab File: BE090079.D

Acq: 9 Jul 2015 18:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

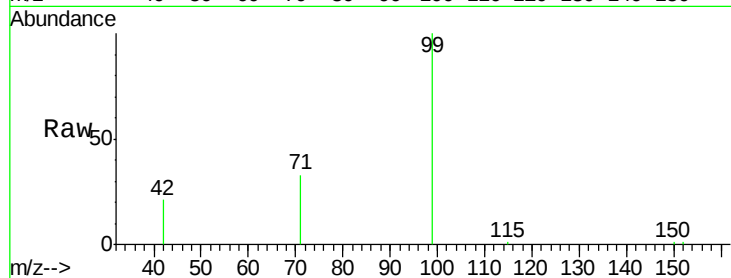
Tgt Ion: 99 Resp: 9872

Ion Ratio Lower Upper

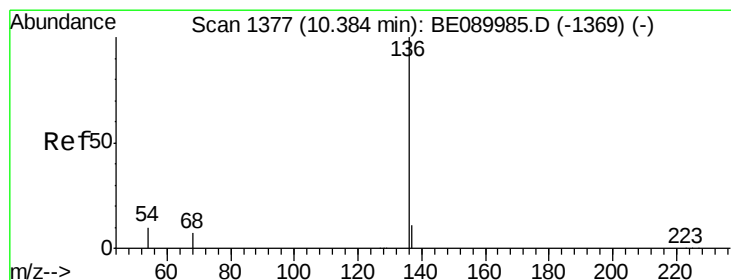
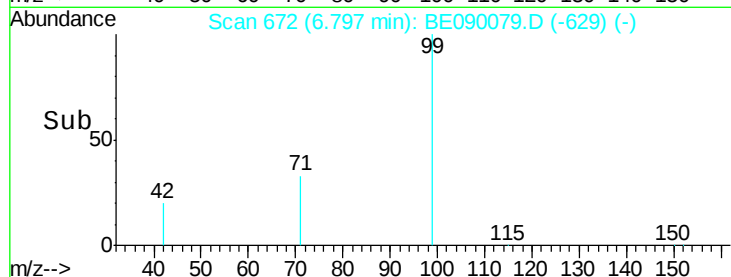
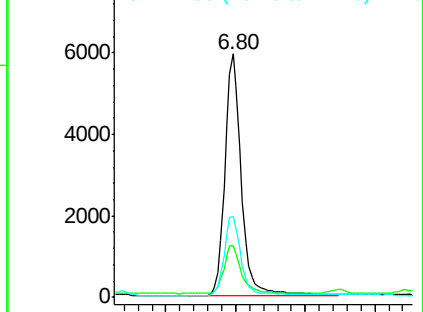
99 100

42 21.0 18.7 28.1

71 34.0 27.5 41.3



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. -0.01 min

Lab File: BE090079.D

Acq: 9 Jul 2015 18:46

Tgt Ion: 136 Resp: 115812

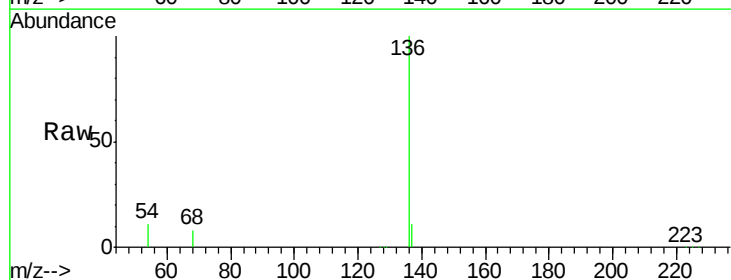
Ion Ratio Lower Upper

136 100

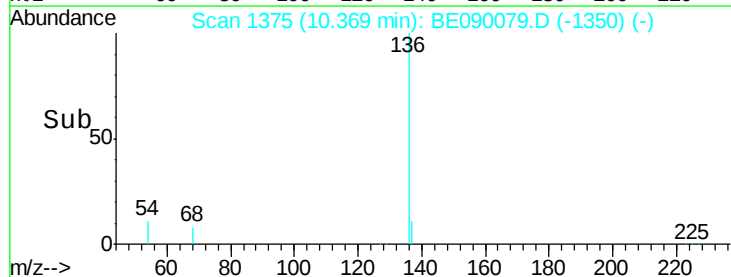
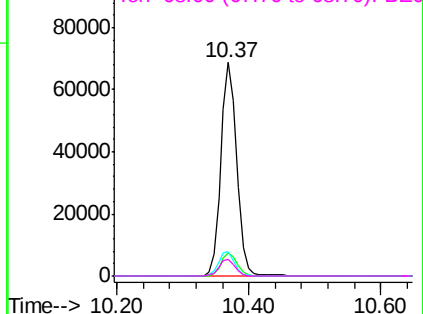
137 11.0 8.9 13.3

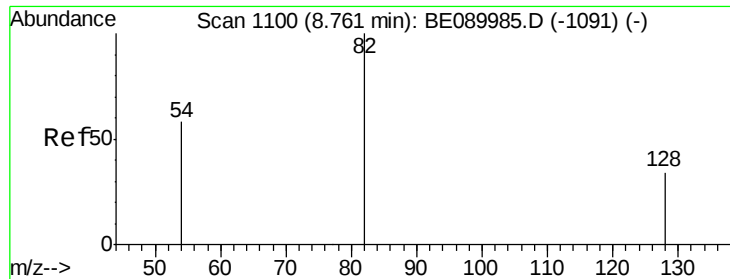
54 11.3 8.2 12.4

68 8.1 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: 0.90 ng

RT: 8.75 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BE090079.D

Acq: 9 Jul 2015 18:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

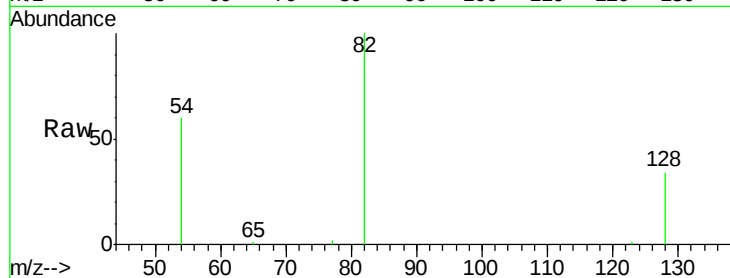
Tgt Ion: 82 Resp: 8268

Ion Ratio Lower Upper

82 100

128 33.9 28.0 42.0

54 60.1 47.6 71.4



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

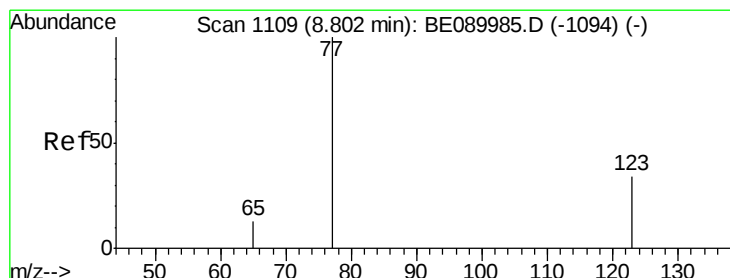
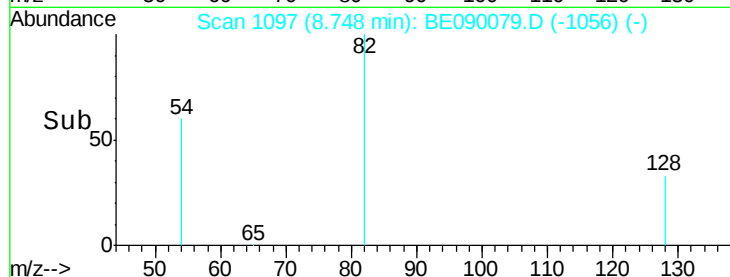
8.75

4000

2000

0

Time-->



#8

Nitrobenzene

Concen: 0.81 ng

RT: 8.79 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BE090079.D

Acq: 9 Jul 2015 18:46

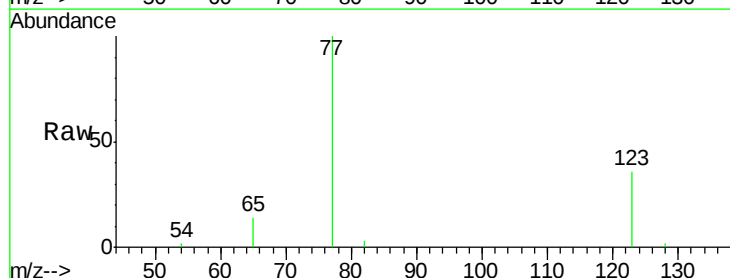
Tgt Ion: 77 Resp: 7934

Ion Ratio Lower Upper

77 100

123 35.8 27.4 41.0

65 13.3 10.6 15.8



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

8.79

6000

5000

4000

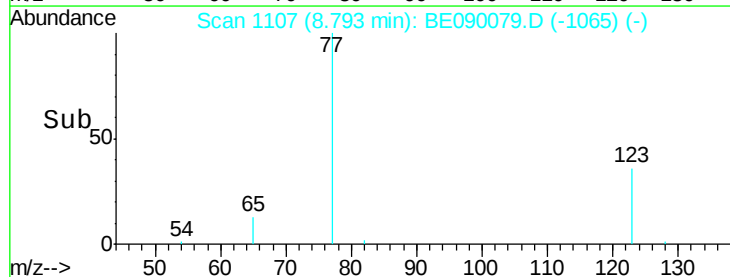
3000

2000

1000

0

Time-->





#9

Naphthalene

Concen: 0.87 ng

RT: 10.41 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BE090079.D

Acq: 9 Jul 2015 18:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

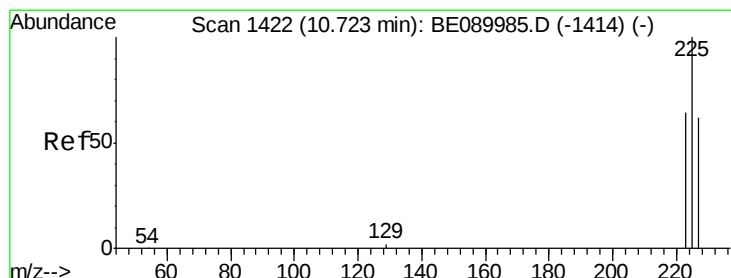
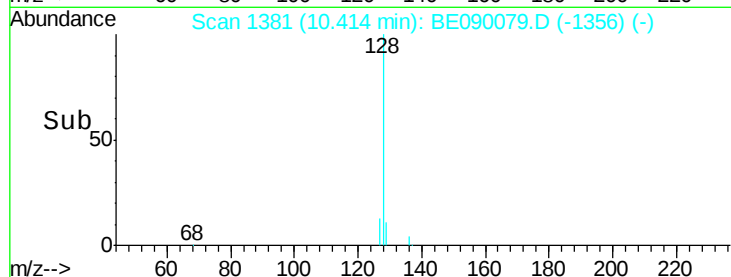
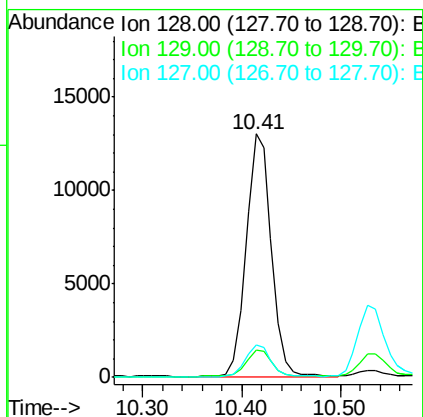
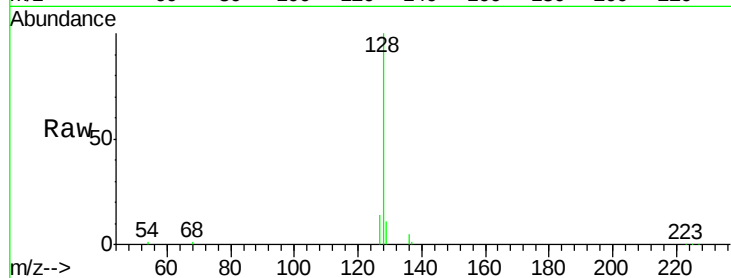
Tgt Ion:128 Resp: 22669

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

127 13.5 10.2 15.4



#10

Hexachlorobutadiene

Concen: 0.89 ng

RT: 10.72 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BE090079.D

Acq: 9 Jul 2015 18:46

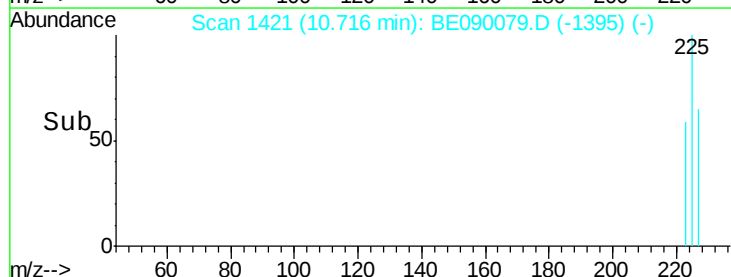
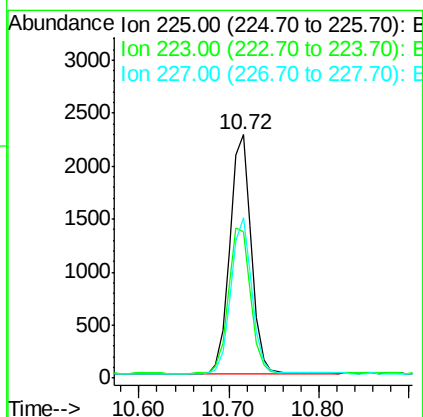
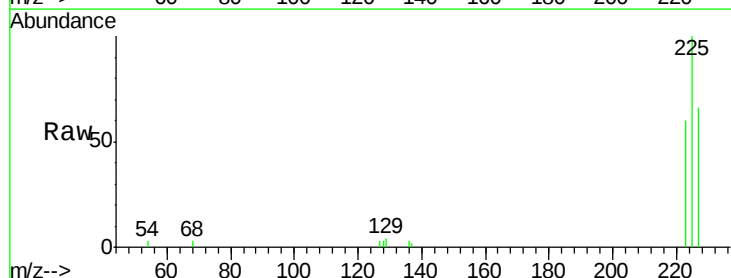
Tgt Ion:225 Resp: 3661

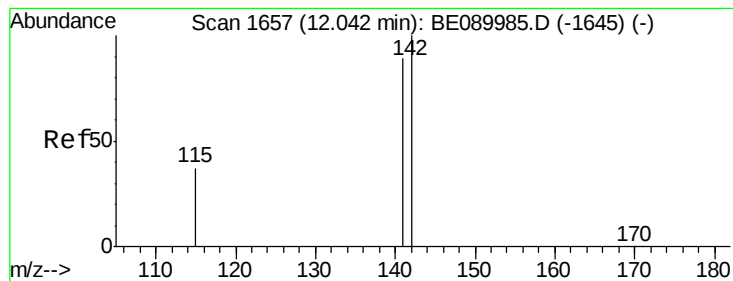
Ion Ratio Lower Upper

225 100

223 63.2 50.1 75.1

227 64.0 50.9 76.3

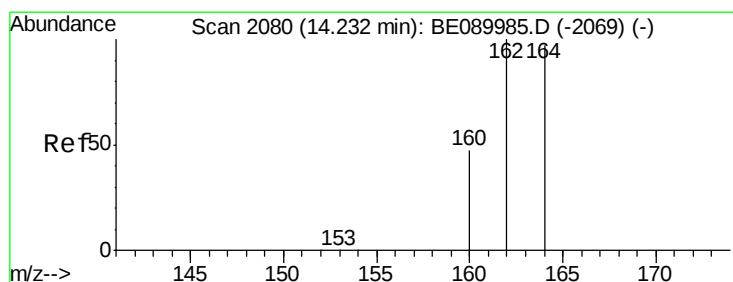
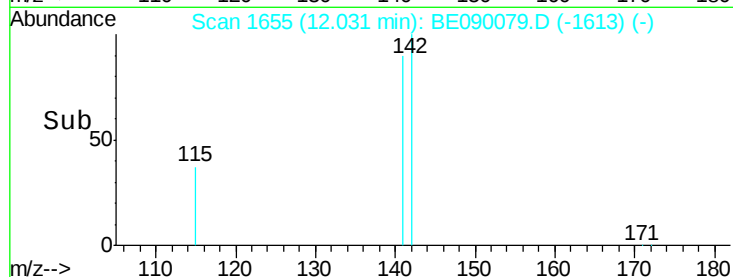
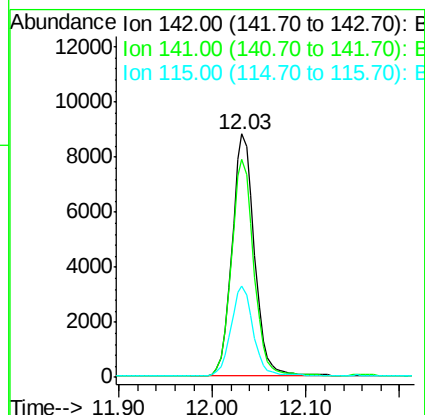
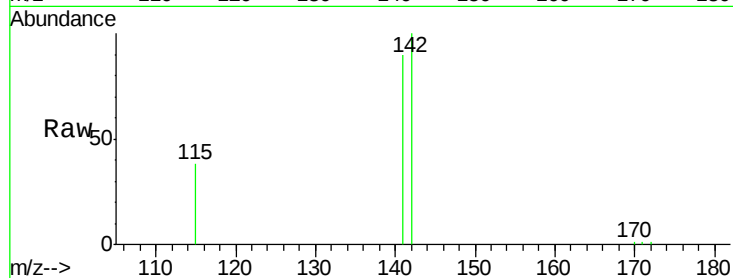




#11
2-Methylnaphthalene
Concen: 0.83 ng
RT: 12.03 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE090079.D
Acq: 9 Jul 2015 18:46

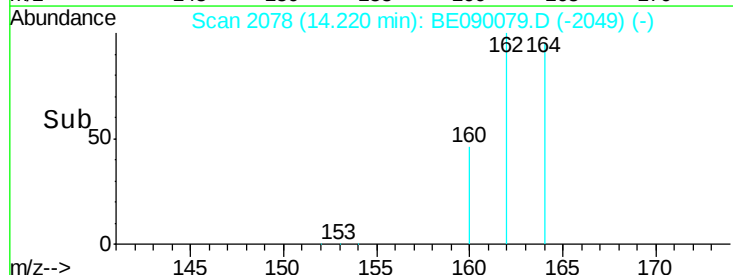
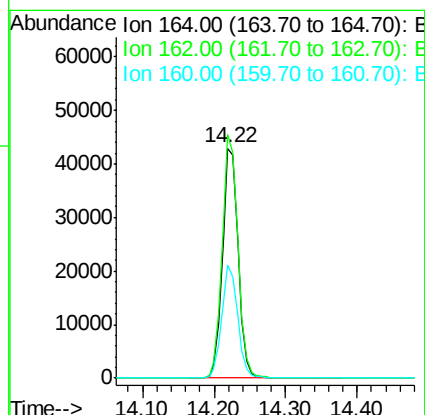
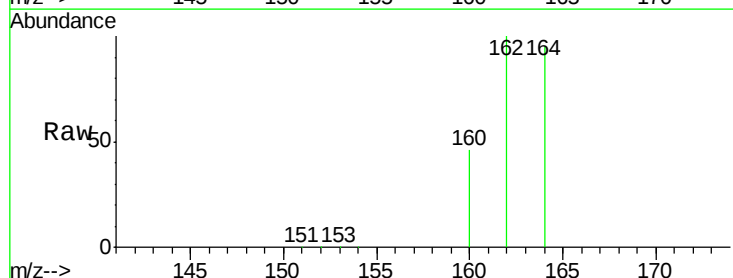
Instrument :
BNA_E
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SSTDCCC001EC

Tgt Ion:142 Resp: 14555
Ion Ratio Lower Upper
142 100
141 89.6 71.3 106.9
115 37.5 30.4 45.6



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BE090079.D
Acq: 9 Jul 2015 18:46

Tgt Ion:164 Resp: 64812
Ion Ratio Lower Upper
164 100
162 105.8 82.2 123.4
160 49.2 39.0 58.6

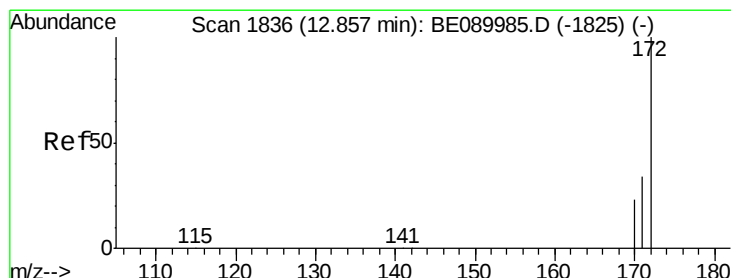
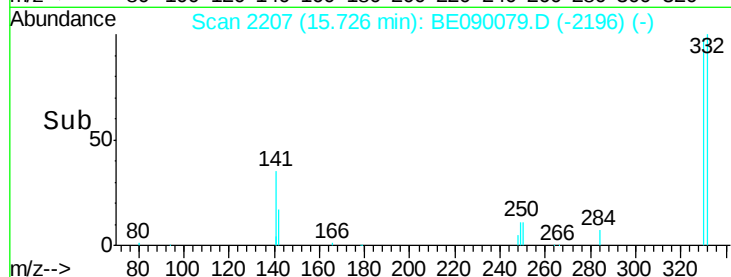
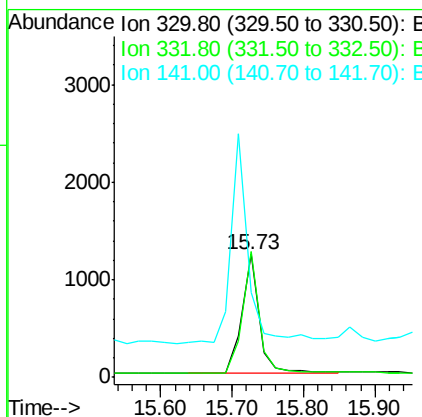
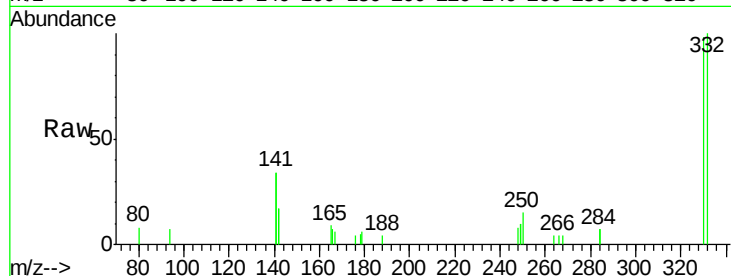




#13
 2,4,6-Tribromophenol
 Concen: 1.07 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090079.D
 Acq: 9 Jul 2015 18:46

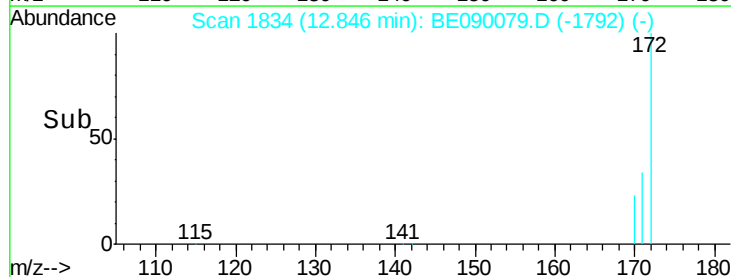
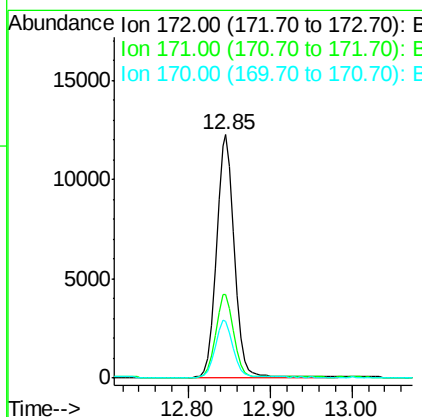
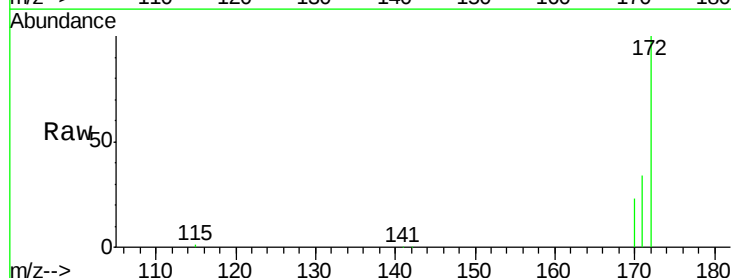
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

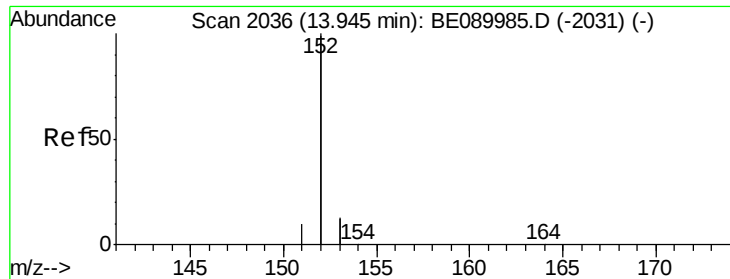
Tgt Ion:330 Resp: 2038
 Ion Ratio Lower Upper
 330 100
 332 99.2 76.4 114.6
 141 178.9 130.3 195.5



#14
 2-Fluorobiphenyl
 Concen: 0.96 ng
 RT: 12.85 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BE090079.D
 Acq: 9 Jul 2015 18:46

Tgt Ion:172 Resp: 18774
 Ion Ratio Lower Upper
 172 100
 171 34.2 27.8 41.6
 170 23.2 18.3 27.5





#15

Acenaphthylene

Concen: 0.86 ng

RT: 13.94 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BE090079.D

Acq: 9 Jul 2015 18:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

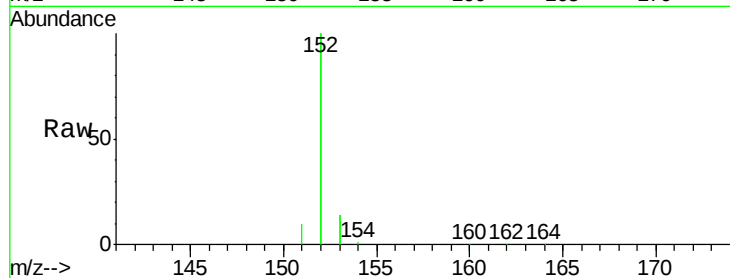
Tgt Ion:152 Resp: 100037

Ion Ratio Lower Upper

152 100

151 4.8 3.9 5.9

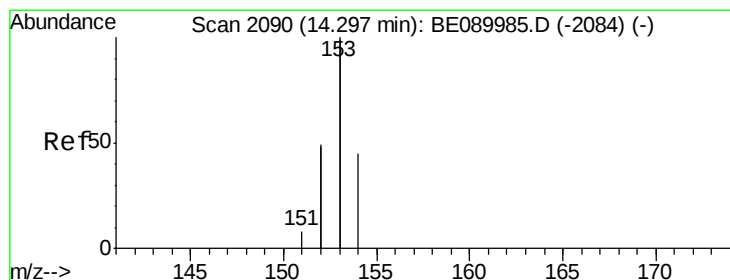
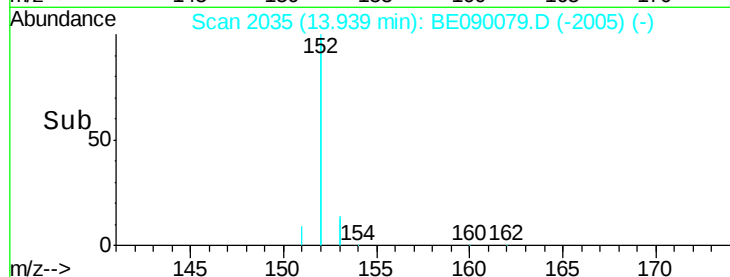
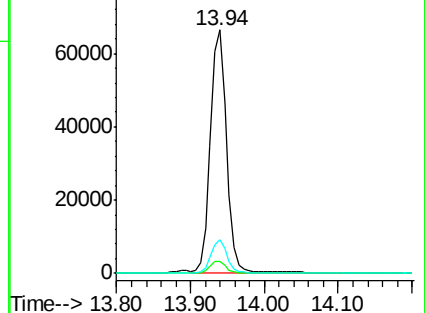
153 13.2 10.4 15.6



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: 0.87 ng

RT: 14.28 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BE090079.D

Acq: 9 Jul 2015 18:46

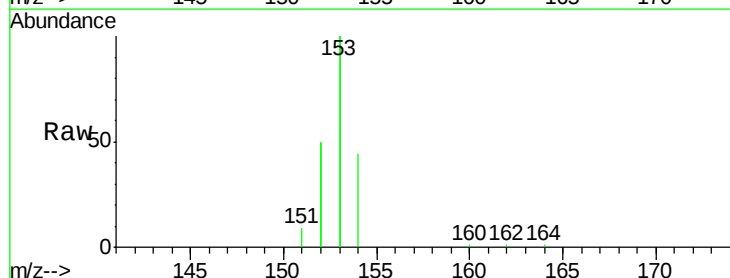
Tgt Ion:154 Resp: 14677

Ion Ratio Lower Upper

154 100

153 454.7 358.6 538.0

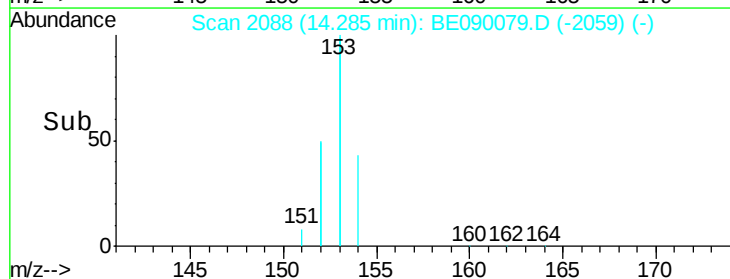
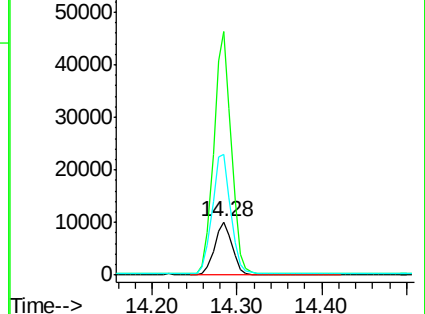
152 237.1 189.6 284.4

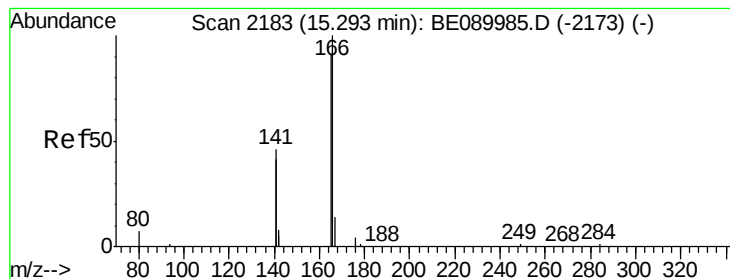


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.80 ng

RT: 15.27 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BE090079.D

Acq: 9 Jul 2015 18:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

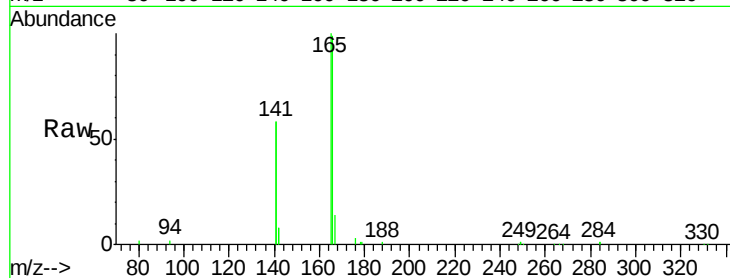
Tgt Ion:166 Resp: 18354

Ion Ratio Lower Upper

166 100

165 101.1 79.0 118.6

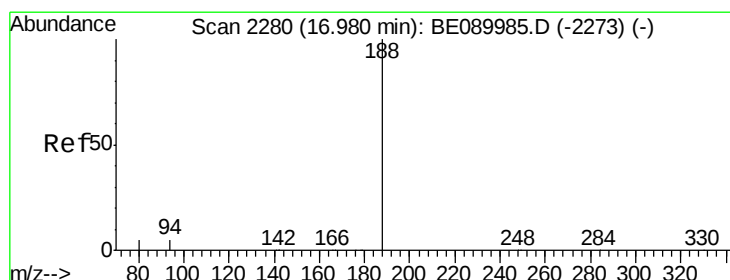
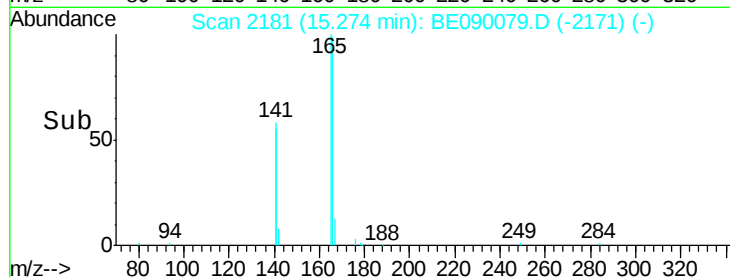
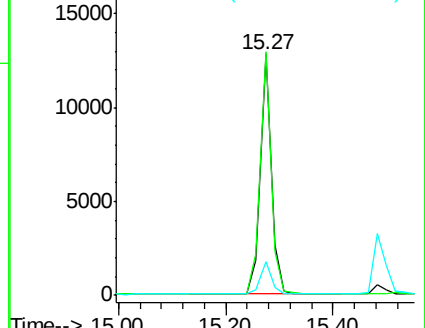
167 14.2 11.8 17.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.96 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BE090079.D

Acq: 9 Jul 2015 18:46

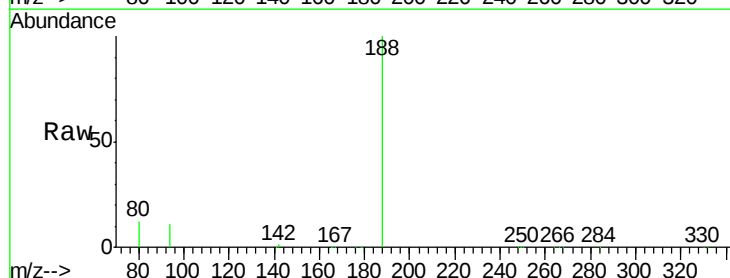
Tgt Ion:188 Resp: 141091

Ion Ratio Lower Upper

188 100

94 11.0 4.1 6.1#

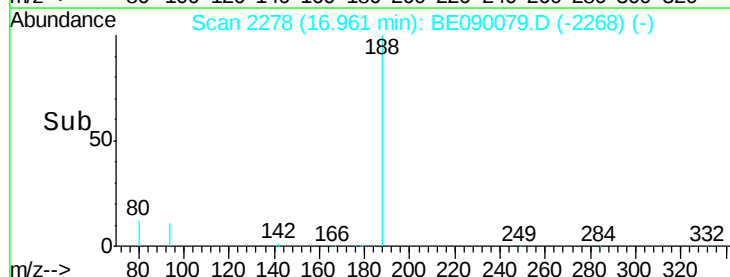
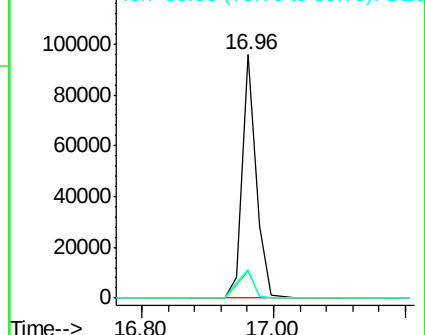
80 11.9 4.2 6.2#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#19

4-Bromophenyl-phenylether

Concen: 0.84 ng

RT: 16.16 min Scan# 2232

Delta R.T. -0.02 min

Lab File: BE090079.D

Acq: 9 Jul 2015 18:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

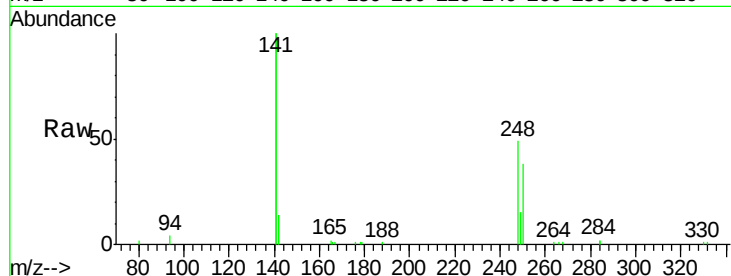
Tgt Ion:248 Resp: 5063

Ion Ratio Lower Upper

248 100

250 96.0 78.3 117.5

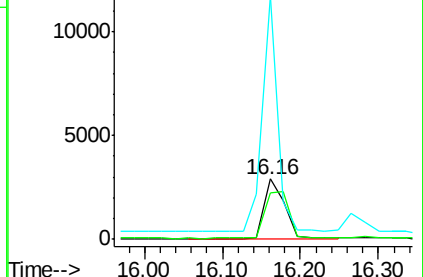
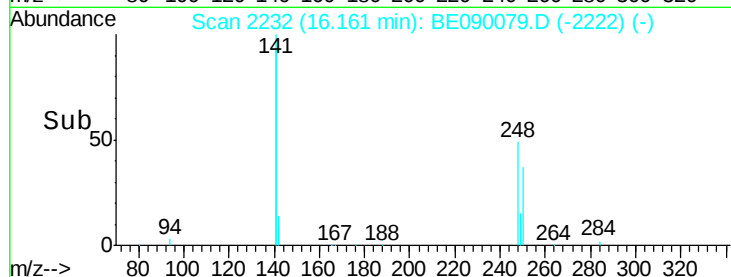
141 305.5 248.1 372.1



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#20

Hexachlorobenzene

Concen: 0.87 ng

RT: 16.28 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BE090079.D

Acq: 9 Jul 2015 18:46

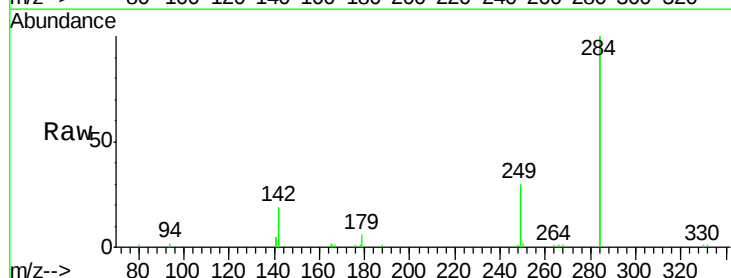
Tgt Ion:284 Resp: 21780

Ion Ratio Lower Upper

284 100

142 37.0 32.6 49.0

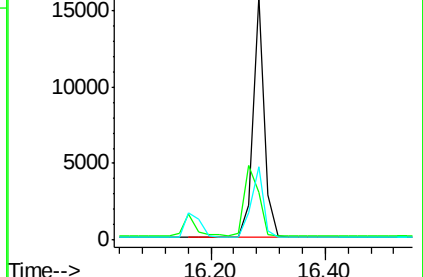
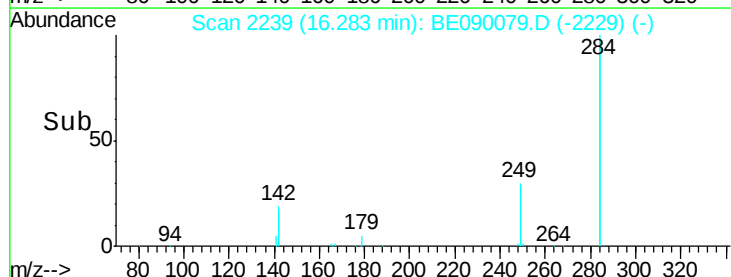
249 31.8 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

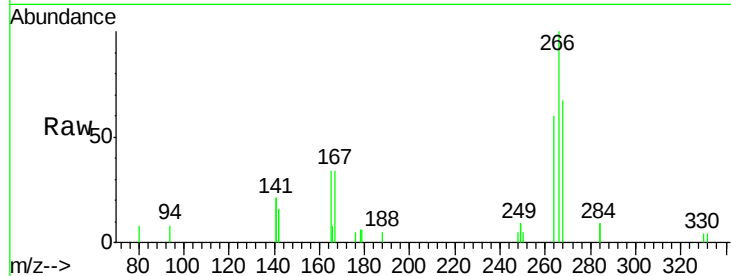




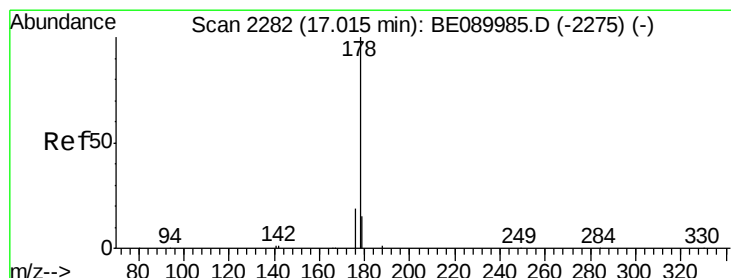
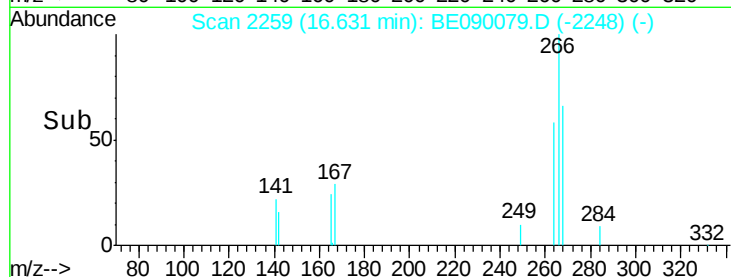
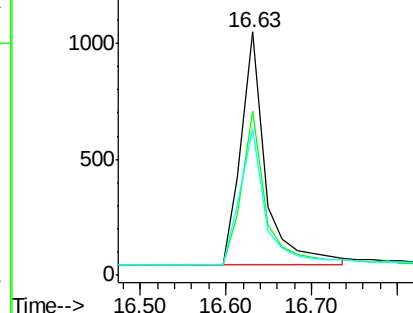
#21
 Pentachlorophenol
 Concen: 0.87 ng
 RT: 16.63 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BE090079.D
 Acq: 9 Jul 2015 18:46

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion: 266 Resp: 2018
 Ion Ratio Lower Upper
 266 100
 268 67.4 51.8 77.8
 264 60.1 50.2 75.2

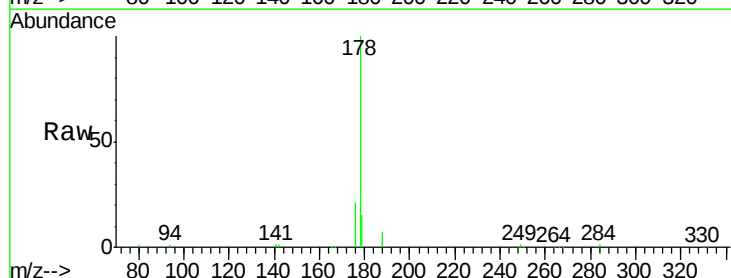


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

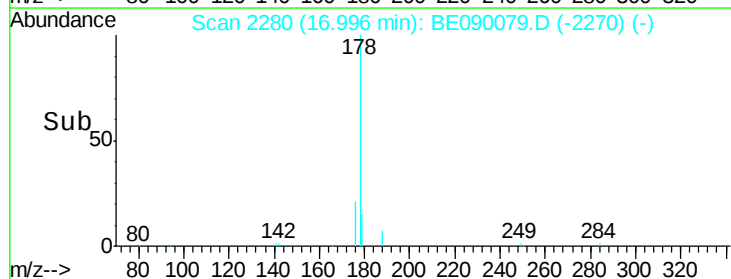
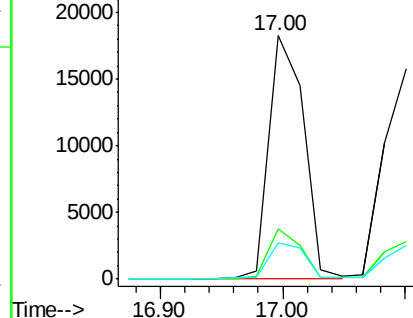


#22
 Phenanthrene
 Concen: 0.98 ng
 RT: 17.00 min Scan# 2280
 Delta R.T. -0.02 min
 Lab File: BE090079.D
 Acq: 9 Jul 2015 18:46

Tgt Ion: 178 Resp: 35484
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.3 22.9
 179 15.5 12.4 18.6



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: 0.86 ng

RT: 17.10 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BE090079.D

Acq: 9 Jul 2015 18:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

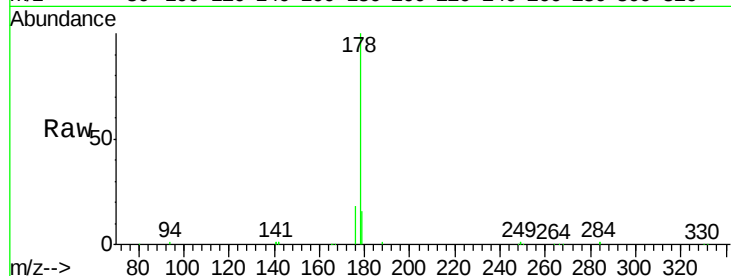
Tgt Ion:178 Resp: 28544

Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

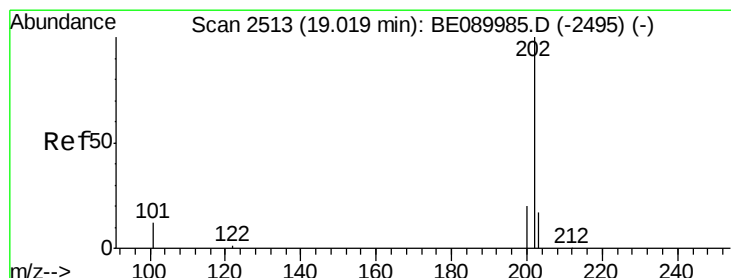
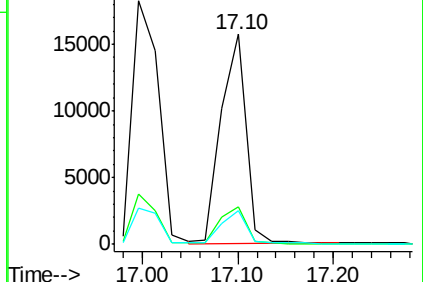
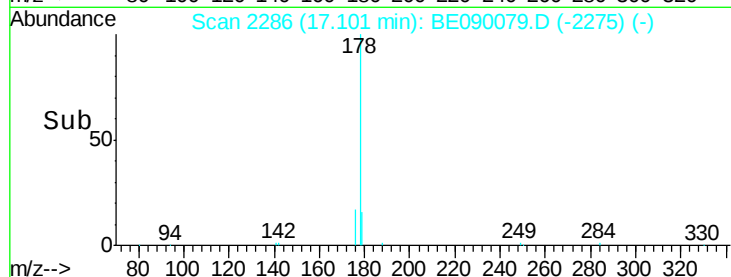
179 15.6 12.1 18.1



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: 1.09 ng

RT: 19.00 min Scan# 2509

Delta R.T. -0.02 min

Lab File: BE090079.D

Acq: 9 Jul 2015 18:46

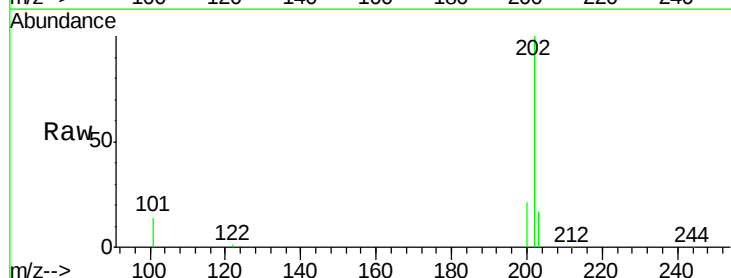
Tgt Ion:202 Resp: 44134

Ion Ratio Lower Upper

202 100

101 13.0 10.6 15.8

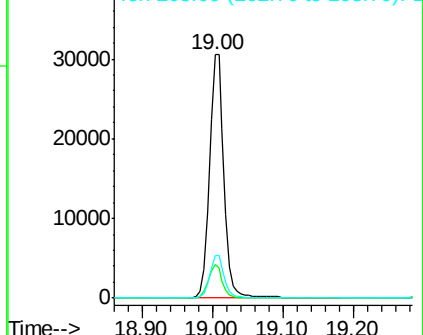
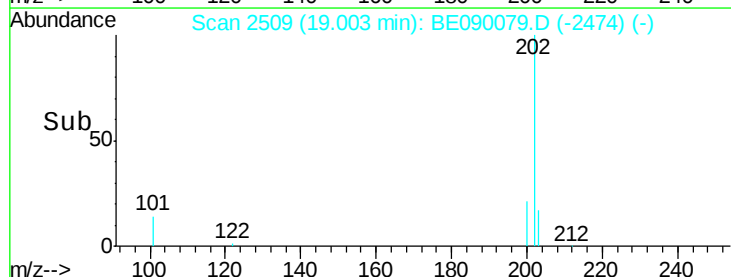
203 17.2 13.8 20.6



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# 2868

Delta R.T. -0.01 min

Lab File: BE090079.D

Acq: 9 Jul 2015 18:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

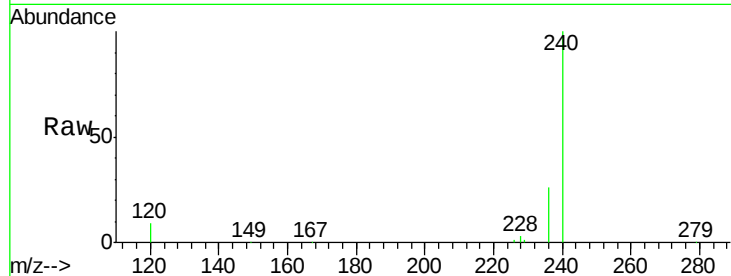
Tgt Ion:240 Resp: 154567

Ion Ratio Lower Upper

240 100

120 8.5 6.9 10.3

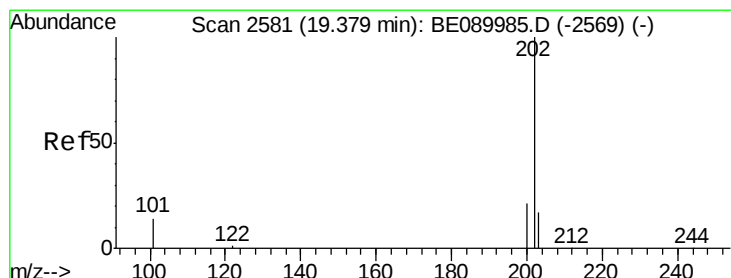
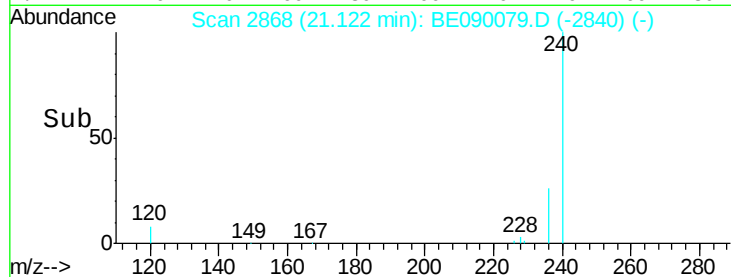
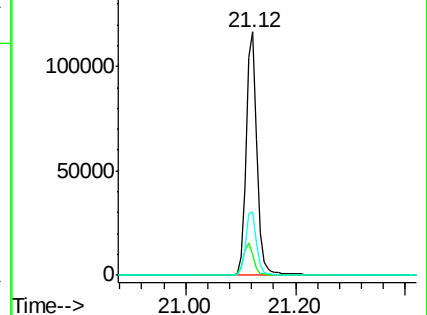
236 25.9 20.8 31.2



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: 1.18 ng

RT: 19.37 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BE090079.D

Acq: 9 Jul 2015 18:46

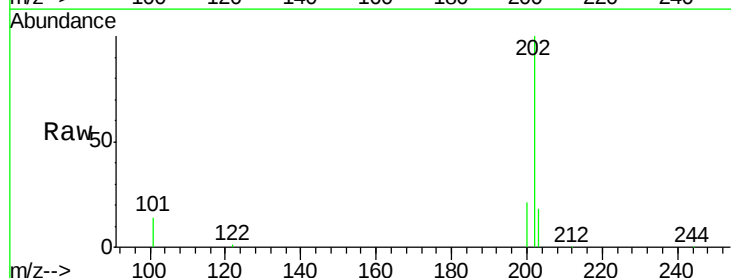
Tgt Ion:202 Resp: 43413

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

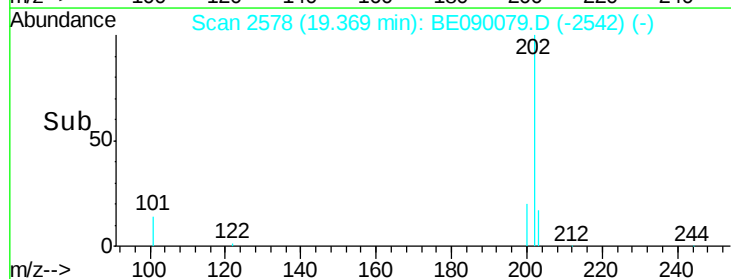
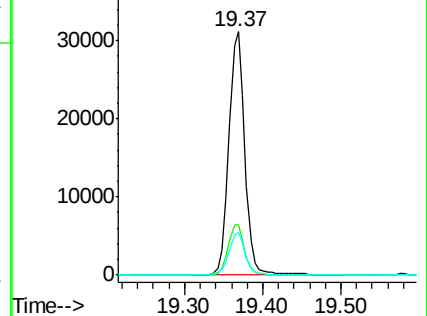
203 17.9 13.9 20.9



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

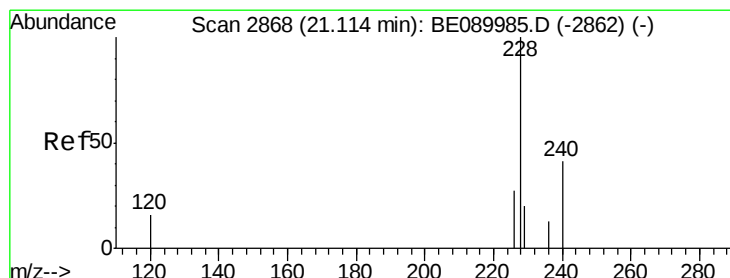
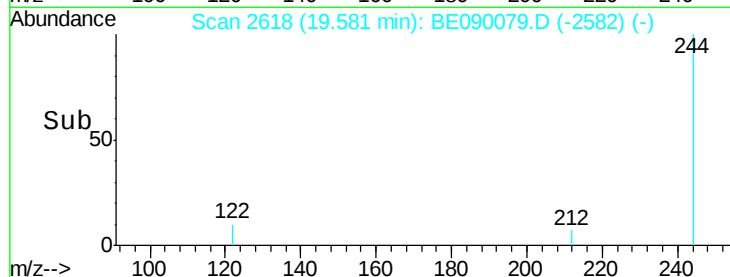
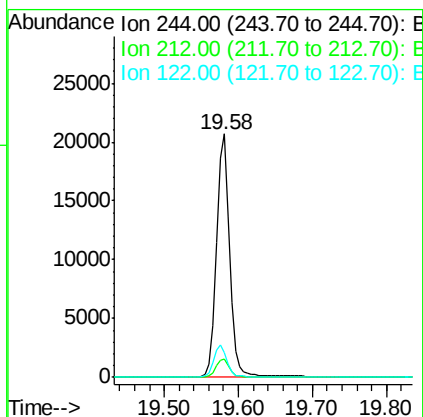
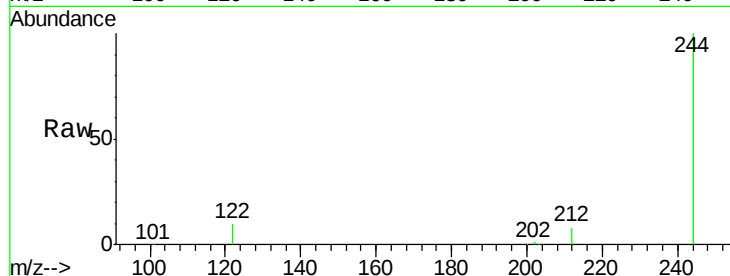




#27
 Terphenyl-d14
 Concen: 1.01 ng
 RT: 19.58 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BE090079.D
 Acq: 9 Jul 2015 18:46

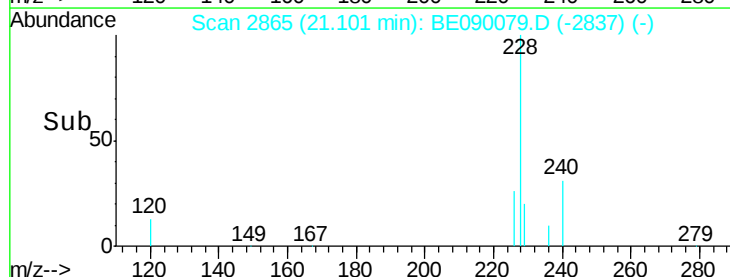
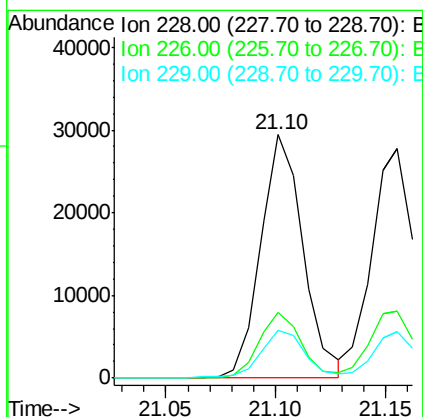
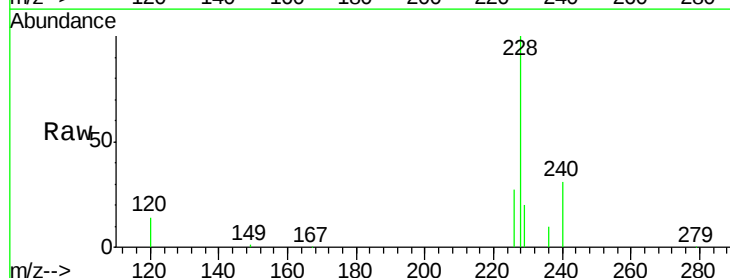
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001EC

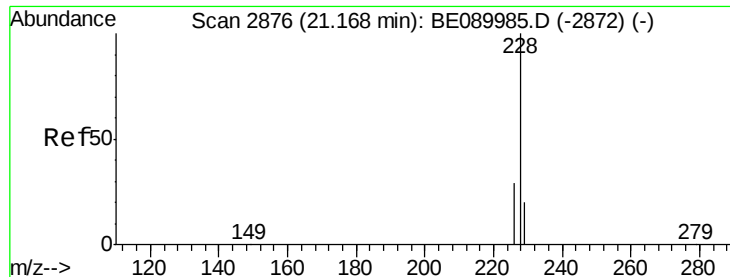
Tgt Ion:244 Resp: 25908
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.6 9.8
 122 10.2 9.8 14.8



#28
 Benzo(a)anthracene
 Concen: 1.01 ng
 RT: 21.10 min Scan# 2865
 Delta R.T. -0.01 min
 Lab File: BE090079.D
 Acq: 9 Jul 2015 18:46

Tgt Ion:228 Resp: 39139
 Ion Ratio Lower Upper
 228 100
 226 26.9 21.8 32.6
 229 19.9 15.8 23.6





#29

Chrysene

Concen: 0.96 ng

RT: 21.16 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BE090079.D

Acq: 9 Jul 2015 18:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

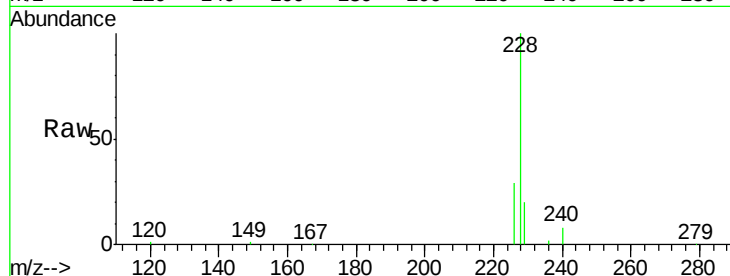
Tgt Ion:228 Resp: 38359

Ion Ratio Lower Upper

228 100

226 29.1 23.4 35.0

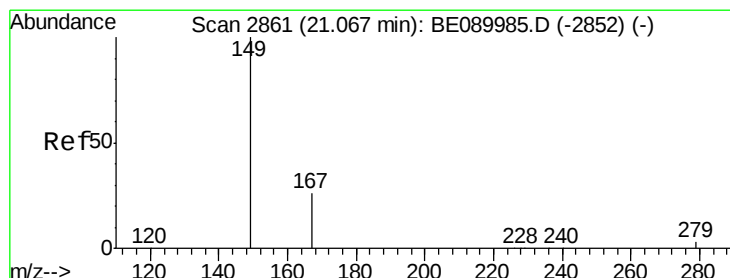
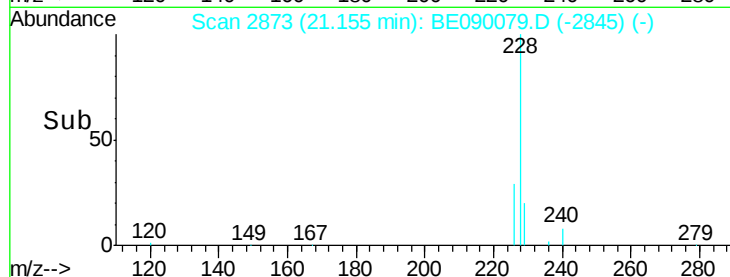
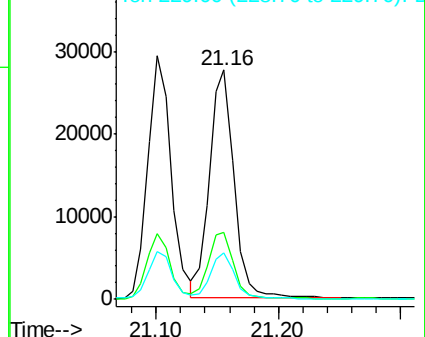
229 20.1 16.2 24.2



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: 1.05 ng

RT: 21.05 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BE090079.D

Acq: 9 Jul 2015 18:46

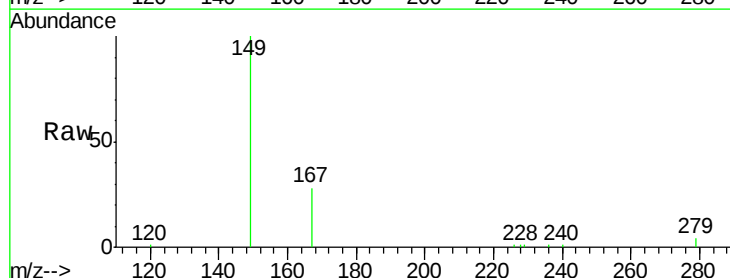
Tgt Ion:149 Resp: 14015

Ion Ratio Lower Upper

149 100

167 25.7 20.3 30.5

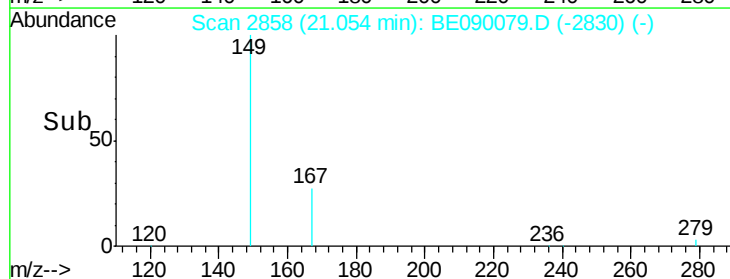
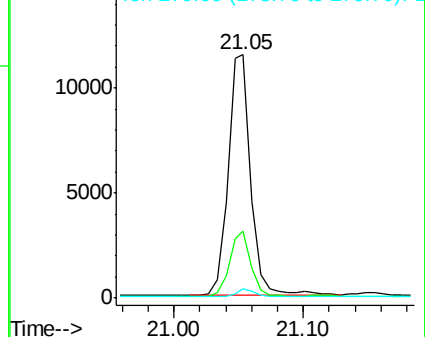
279 2.9 2.6 3.8

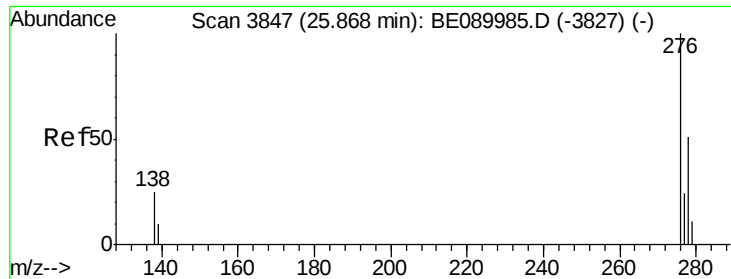


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.94 ng

RT: 25.83 min Scan# 3838

Delta R.T. -0.04 min

Lab File: BE090079.D

Acq: 9 Jul 2015 18:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

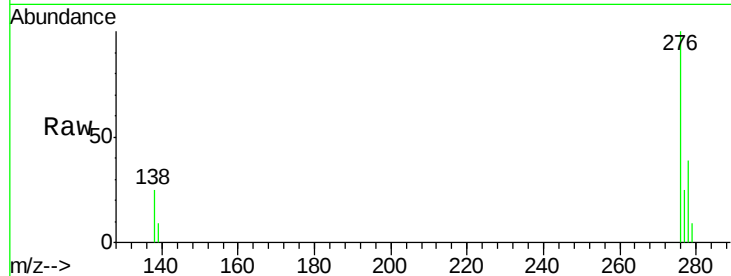
Tgt Ion:276 Resp: 36088

Ion Ratio Lower Upper

276 100

138 27.5 21.3 31.9

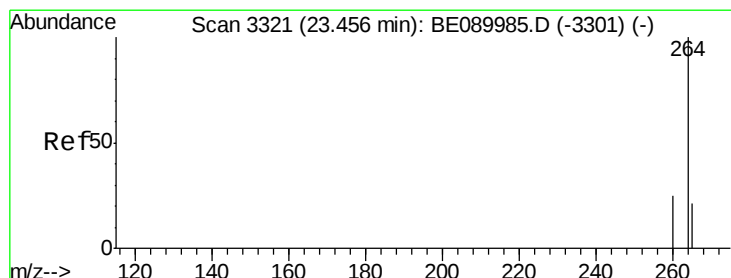
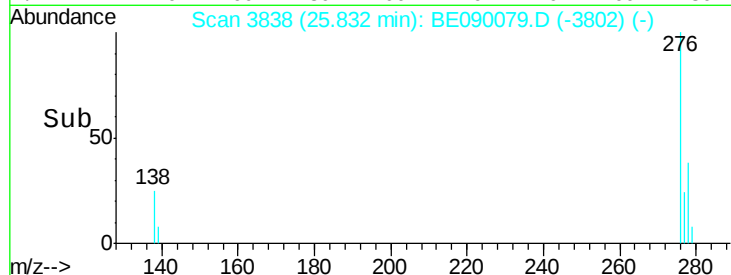
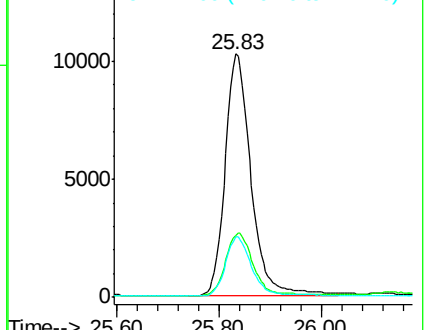
277 24.2 19.7 29.5



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# 3316

Delta R.T. -0.02 min

Lab File: BE090079.D

Acq: 9 Jul 2015 18:46

Tgt Ion:264 Resp: 141975

Ion Ratio Lower Upper

264 100

260 25.0 20.2 30.2

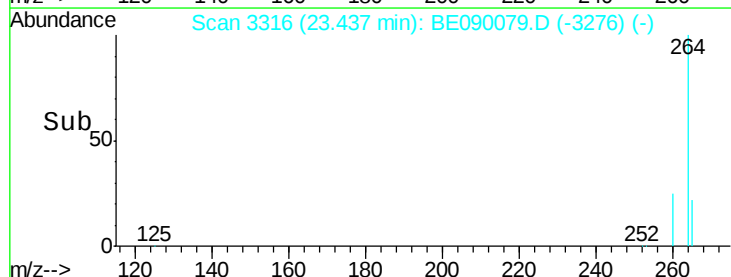
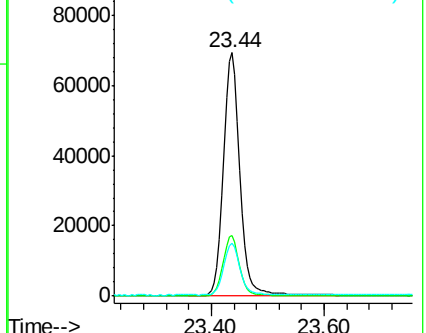
265 22.0 17.1 25.7



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

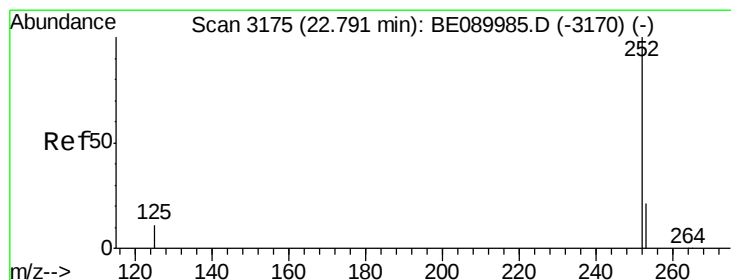
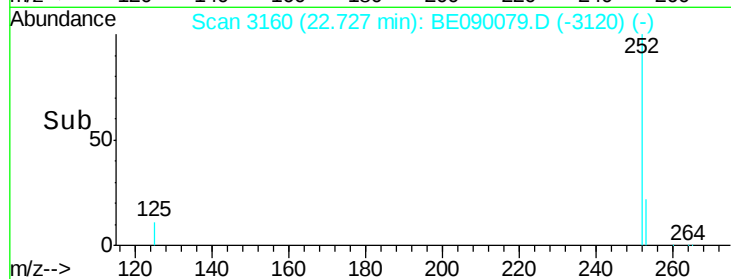
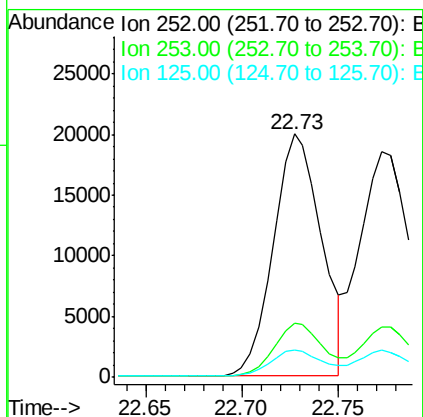
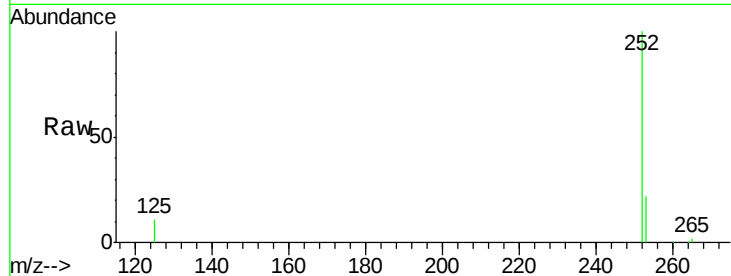




#33
Benzo(b)fluoranthene
Concen: 1.11 ng
RT: 22.73 min Scan# 3160
Delta R.T. -0.02 min
Lab File: BE090079.D
Acq: 9 Jul 2015 18:46

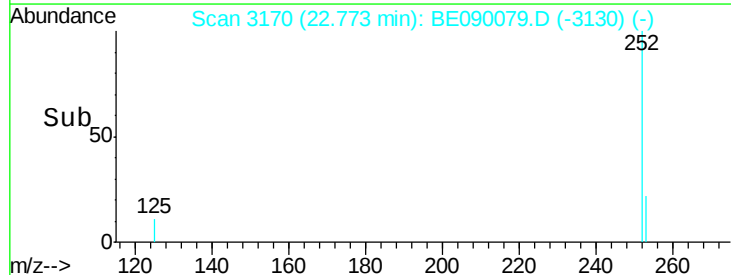
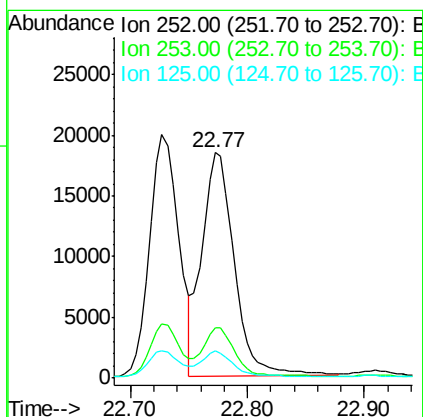
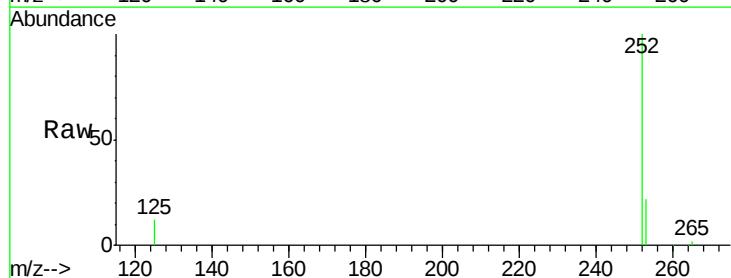
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 34634
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 11.5 9.0 13.4



#34
Benzo(k)fluoranthene
Concen: 1.02 ng
RT: 22.77 min Scan# 3170
Delta R.T. -0.02 min
Lab File: BE090079.D
Acq: 9 Jul 2015 18:46

Tgt Ion:252 Resp: 35683
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 11.9 9.5 14.3





#35

Benzo(a)pyrene

Concen: 1.10 ng

RT: 23.33 min Scan# 3292

Delta R.T. -0.02 min

Lab File: BE090079.D

Acq: 9 Jul 2015 18:46

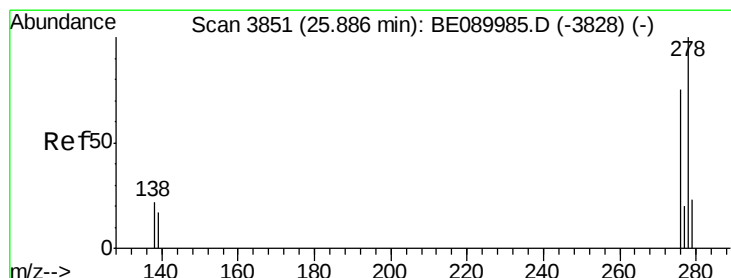
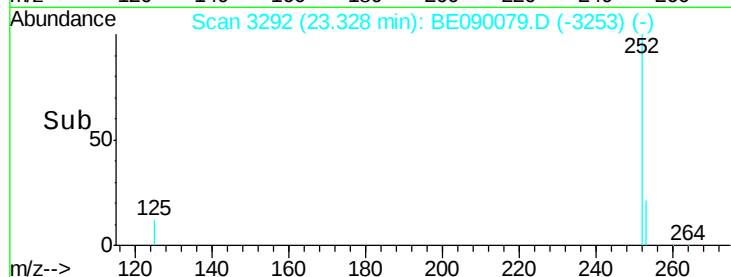
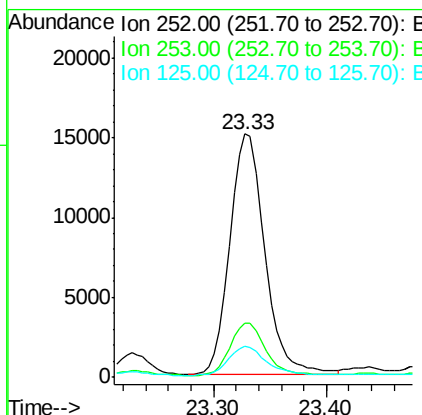
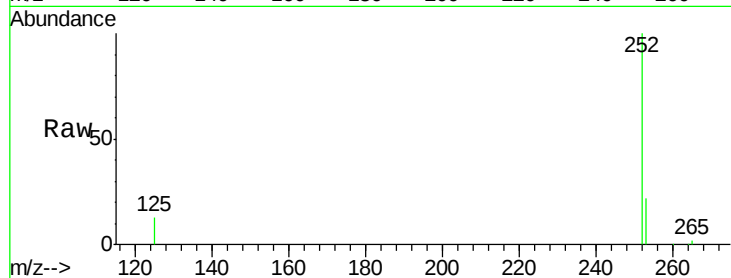
Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC

Tgt Ion:	252	Resp:	31717
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	12.8	10.5	15.7



#36

Dibenzo(a,h)anthracene

Concen: 0.93 ng

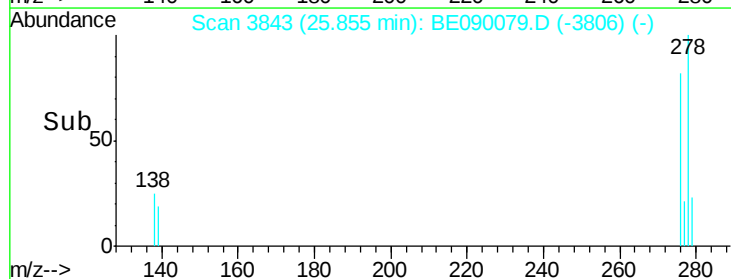
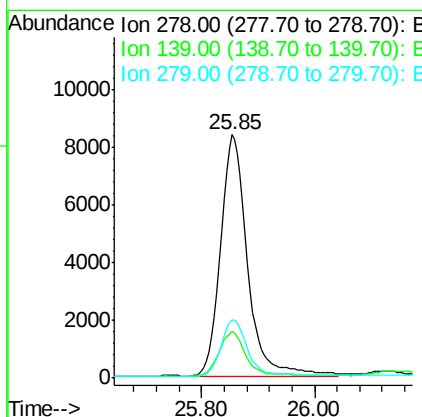
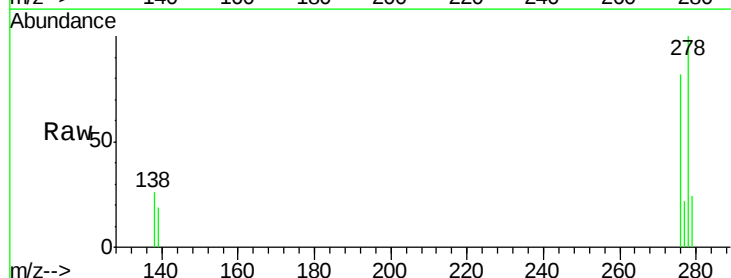
RT: 25.85 min Scan# 3843

Delta R.T. -0.03 min

Lab File: BE090079.D

Acq: 9 Jul 2015 18:46

Tgt Ion:	278	Resp:	27593
Ion	Ratio	Lower	Upper
278	100		
139	19.3	14.4	21.6
279	23.9	19.0	28.6





#37

Benzo(g,h,i)perylene

Concen: 0.99 ng

RT: 26.57 min Scan# 4000

Delta R.T. -0.04 min

Lab File: BE090079.D

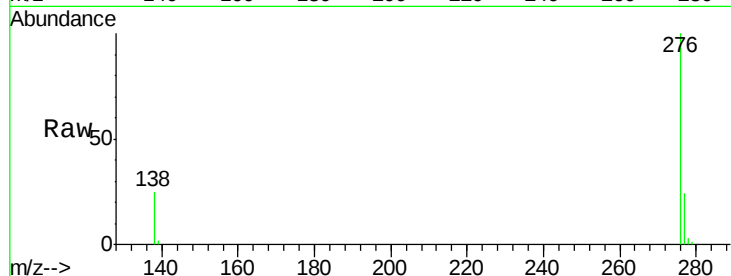
Acq: 9 Jul 2015 18:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001EC



Tgt Ion: 276 Resp: 29921

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 24.5 18.6 27.8

