

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070915\
 Data File : BE090077.D
 Acq On : 9 Jul 2015 17:31
 Operator : TP/IZ
 Sample : G2824-01RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0820624-150626RE

Quant Time: Jul 10 02:19:10 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	7.62	152	13618	5.00	ng	0.00
6) Naphthalene-d8	10.37	136	63668	5.00	ng	-0.01
12) Acenaphthene-d10	14.22	164	36141	5.00	ng	-0.01
18) Phenanthrene-d10	16.96	188	79238	5.00	ng	-0.02
25) Chrysene-d12	21.12	240	86278	5.00	ng	-0.01
32) Perylene-d12	23.43	264	78216	5.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	25147	8.04	ng	0.00
5) Phenol-d6	6.80	99	38948	8.90	ng	0.00
7) Nitrobenzene-d5	8.75	82	23645	4.67	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	8414	7.94	ng	0.00
14) 2-Fluorobiphenyl	12.85	172	50713	4.67	ng	0.00
27) Terphenyl-d14	19.58	244	70450	4.90	ng	-0.02

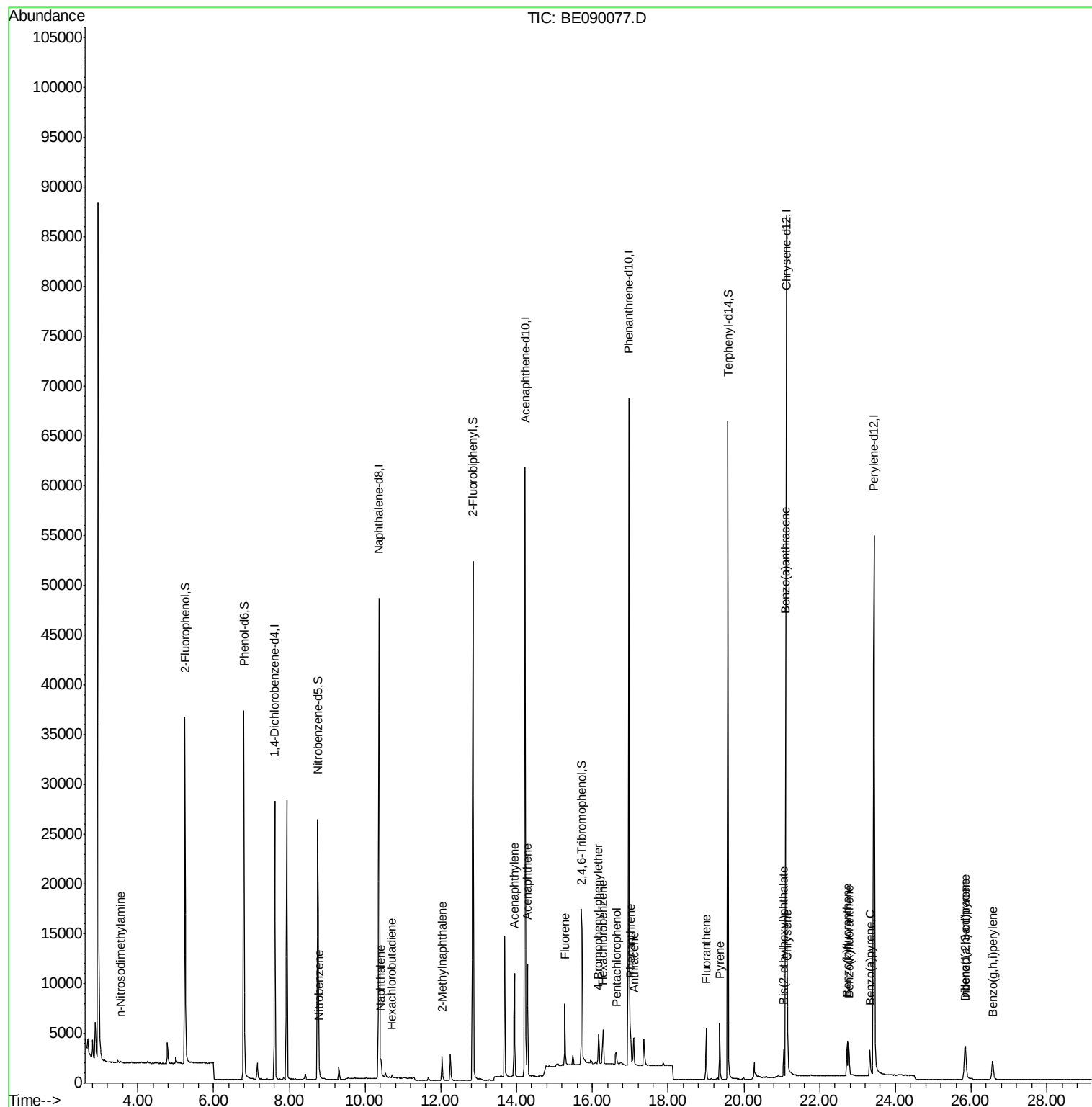
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.53	42	95	0.04	ng	# 57
8) Nitrobenzene	8.79	77	748	0.14	ng	97
9) Naphthalene	10.42	128	2167	0.15	ng	# 93
10) Hexachlorobutadiene	10.72	225	244	0.11	ng	99
11) 2-Methylnaphthalene	12.03	142	1775	0.18	ng	98
15) Acenaphthylene	13.94	152	14110	0.22	ng	100
16) Acenaphthene	14.29	154	2053	0.22	ng	98
17) Fluorene	15.27	166	2648	0.21	ng	# 91
19) 4-Bromophenyl-phenylether	16.16	248	741	0.22	ng	97
20) Hexachlorobenzene	16.28	284	3138	0.22	ng	97
21) Pentachlorophenol	16.63	266	934	0.76	ng	97
22) Phenanthrene	17.00	178	4586	0.23	ng	98
23) Anthracene	17.10	178	4060	0.22	ng	99
24) Fluoranthene	19.00	202	4889	0.22	ng	100
26) Pyrene	19.36	202	5104	0.25	ng	99
28) Benzo(a)anthracene	21.10	228	5193	0.24	ng	98
29) Chrysene	21.15	228	5062	0.23	ng	98
30) Bis(2-ethylhexyl)phthalate	21.05	149	2697	0.56	ng	99
31) Indeno(1,2,3-cd)pyrene	25.84	276	5063	0.24	ng	98
33) Benzo(b)fluoranthene	22.73	252	4510	0.26	ng	# 93
34) Benzo(k)fluoranthene	22.77	252	4627	0.24	ng	# 93
35) Benzo(a)pyrene	23.33	252	4114	0.26	ng	# 91
36) Dibenzo(a,h)anthracene	25.85	278	4005	0.24	ng	# 93
37) Benzo(g,h,i)perylene	26.56	276	4261	0.26	ng	# 93

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 30 07:01:01 2015
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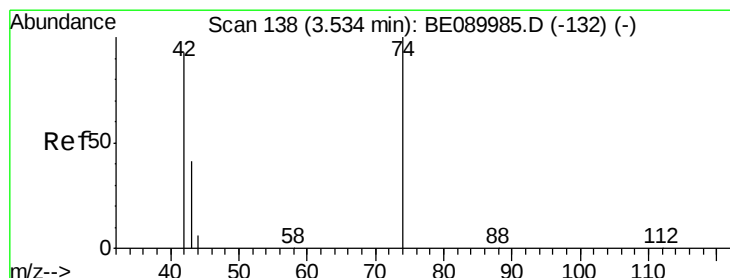
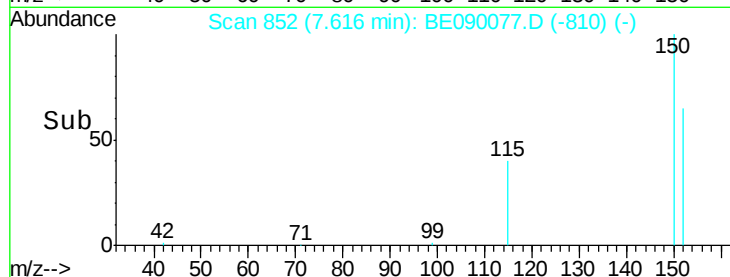
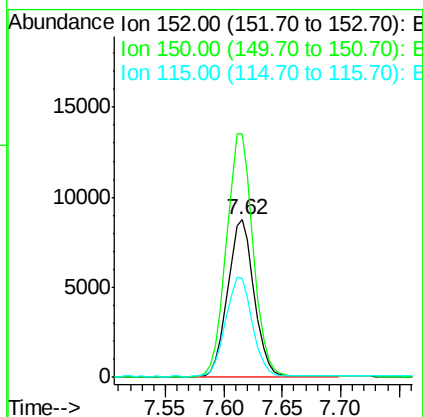
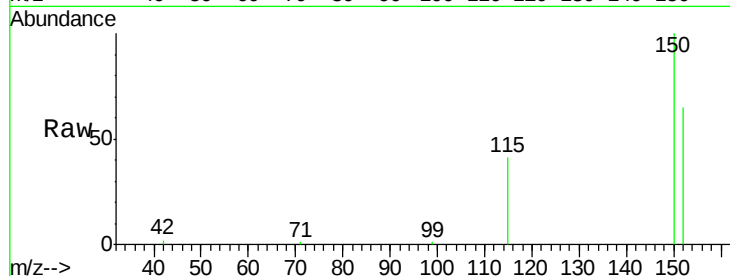


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.62 min Scan# 852
Delta R.T. -0.01 min
Lab File: BE090077.D
Acq: 9 Jul 2015 17:31

Instrument :
BNA_E
ClientSampleId :
X1SS0820624-150626RE

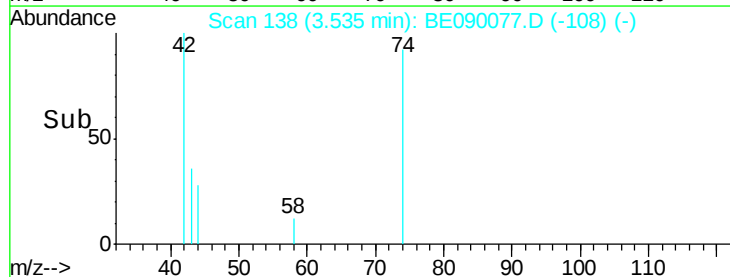
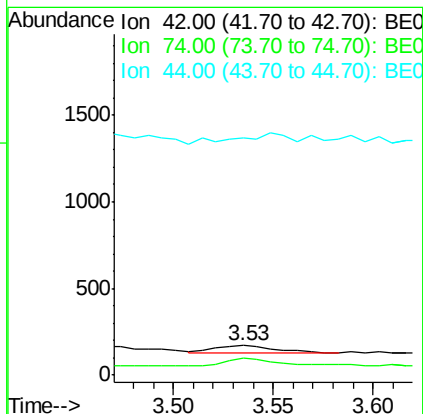
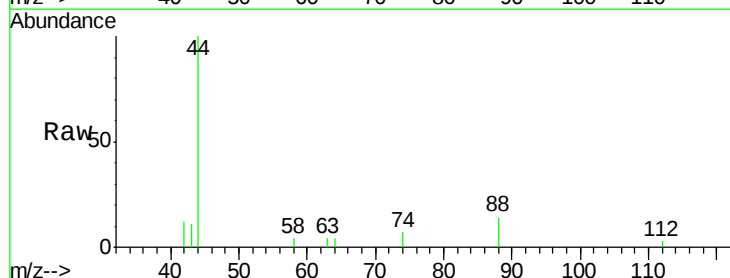
Tgt Ion: 152 Resp: 13618
Ion Ratio Lower Upper
152 100
150 154.4 123.9 185.9
115 62.6 50.6 76.0

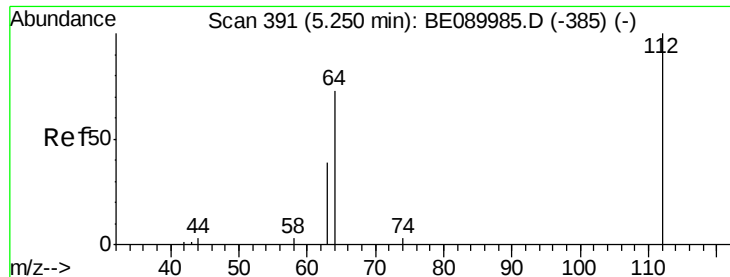


#3

n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.53 min Scan# 138
Delta R.T. 0.00 min
Lab File: BE090077.D
Acq: 9 Jul 2015 17:31

Tgt Ion: 42 Resp: 95
Ion Ratio Lower Upper
42 100
74 89.5 89.4 134.2
44 125.3 6.9 10.3#





#4

2-Fluorophenol

Concen: 8.04 ng

RT: 5.24 min Scan# 390

Delta R.T. -0.01 min

Lab File: BE090077.D

Acq: 9 Jul 2015 17:31

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

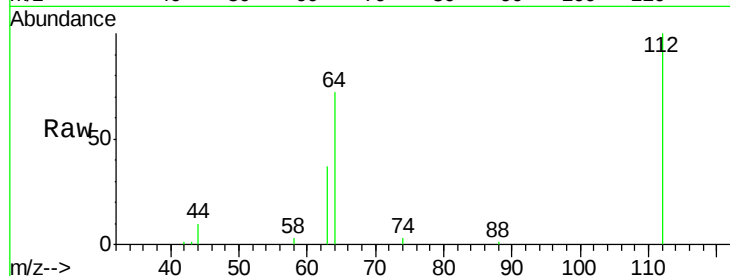
Tgt Ion: 112 Resp: 25147

Ion Ratio Lower Upper

112 100

64 69.7 56.3 84.5

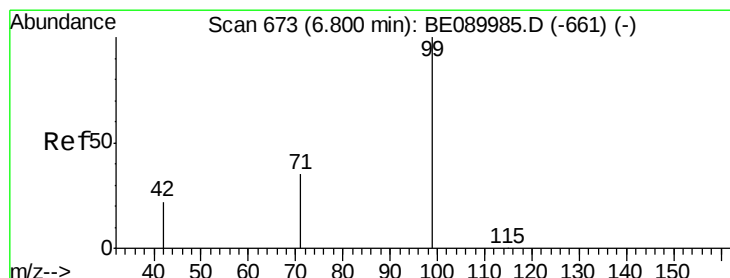
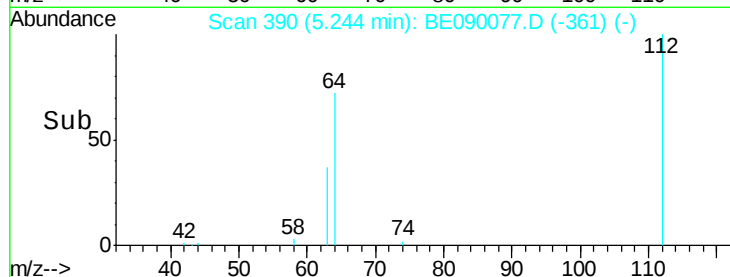
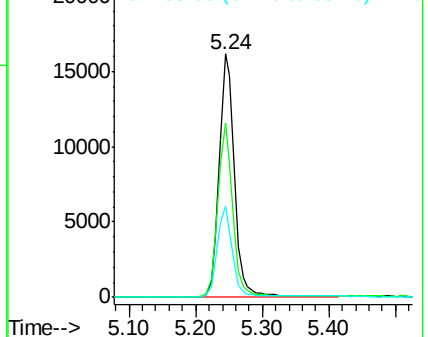
63 36.1 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 8.90 ng

RT: 6.80 min Scan# 672

Delta R.T. -0.00 min

Lab File: BE090077.D

Acq: 9 Jul 2015 17:31

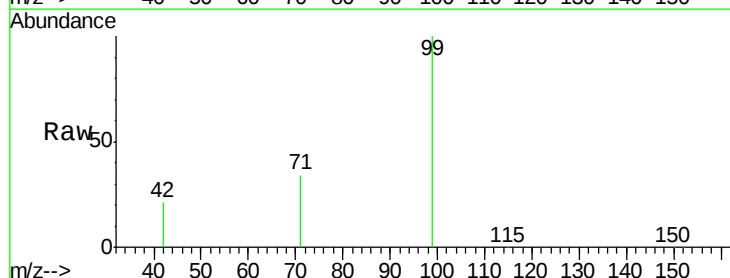
Tgt Ion: 99 Resp: 38948

Ion Ratio Lower Upper

99 100

42 20.6 18.7 28.1

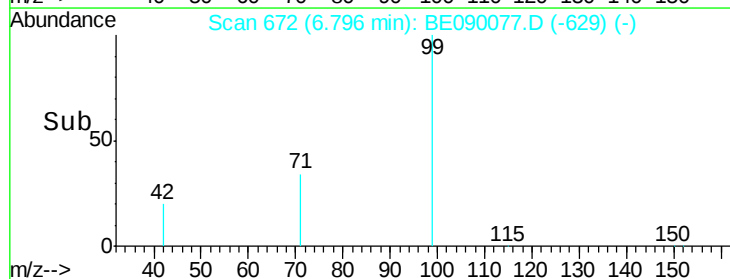
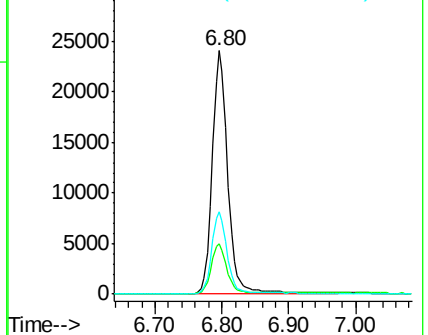
71 33.9 27.5 41.3

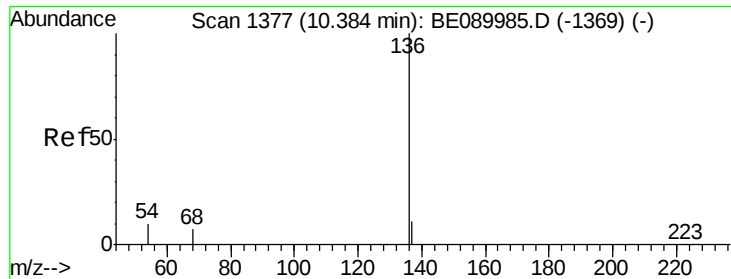


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

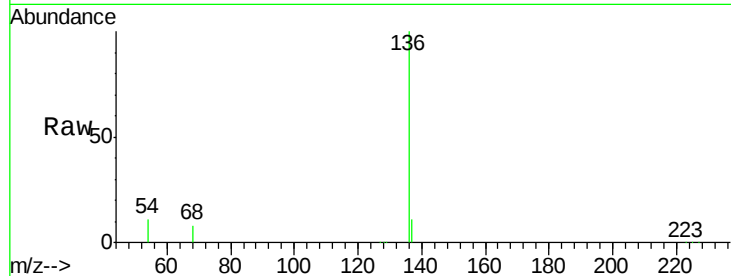




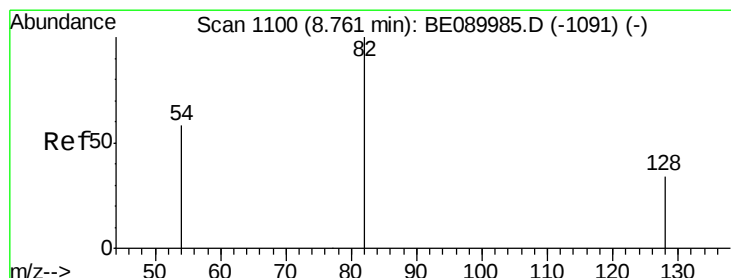
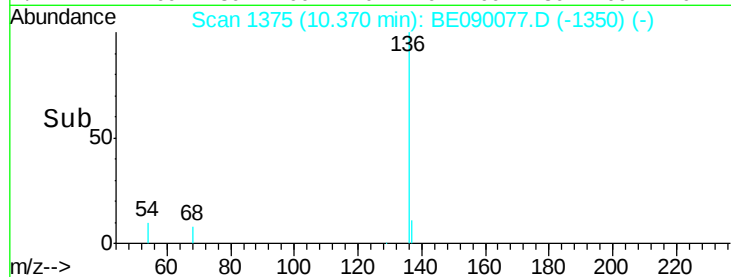
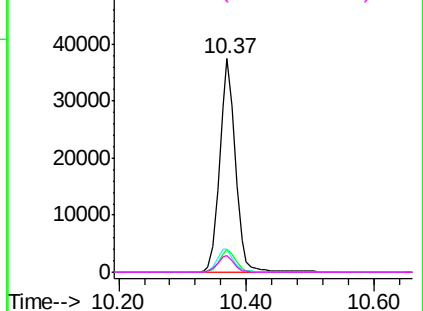
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.37 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BE090077.D
Acq: 9 Jul 2015 17:31

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ClientSampleId :
X1SS0820624-150626RE

Tgt Ion:	136	Resp:	63668
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.6	8.2	12.4
68	7.8	5.8	8.8

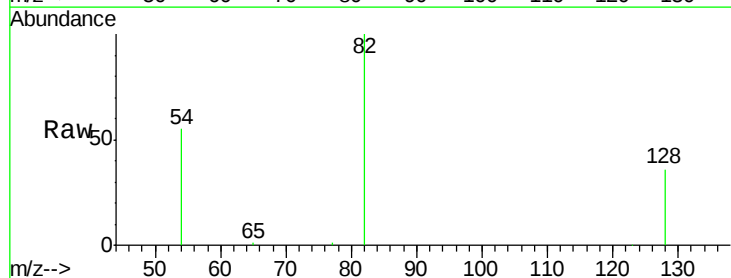


Abundance Ion 136.00 (135.70 to 136.70): BE090077.D (-1369) (-)
Ion 137.00 (136.70 to 137.70): BE090077.D (-1369) (-)
Ion 54.00 (53.70 to 54.70): BE090077.D (-1369) (-)
Ion 68.00 (67.70 to 68.70): BE090077.D (-1369) (-)

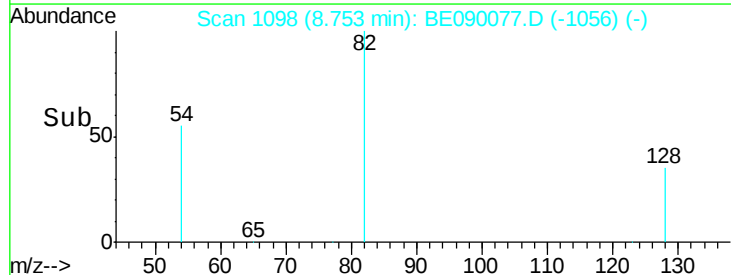
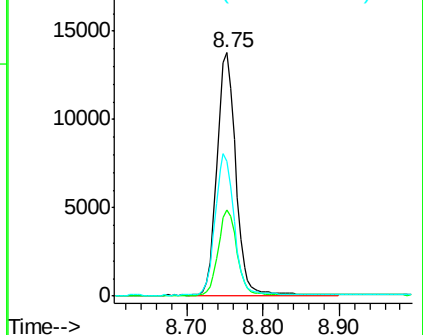


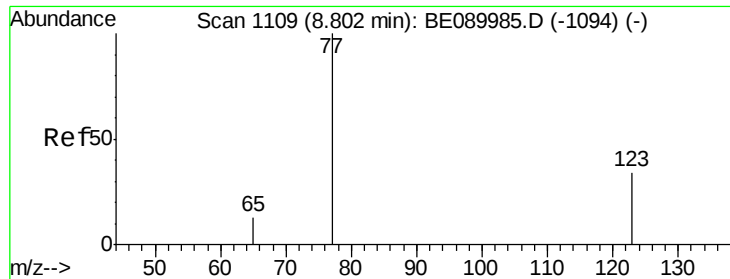
#7
Nitrobenzene-d5
Concen: 4.67 ng
RT: 8.75 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BE090077.D
Acq: 9 Jul 2015 17:31

Tgt Ion:	82	Resp:	23645
Ion	Ratio	Lower	Upper
82	100		
128	35.7	28.0	42.0
54	55.1	47.6	71.4



Abundance Ion 82.00 (81.70 to 82.70): BE090077.D (-1056) (-)
Ion 128.00 (127.70 to 128.70): BE090077.D (-1056) (-)
Ion 54.00 (53.70 to 54.70): BE090077.D (-1056) (-)





#8

Nitrobenzene

Concen: 0.14 ng

RT: 8.79 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BE090077.D

Acq: 9 Jul 2015 17:31

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

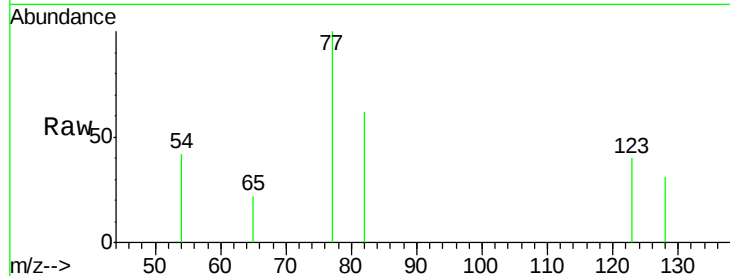
Tgt Ion: 77 Resp: 748

Ion Ratio Lower Upper

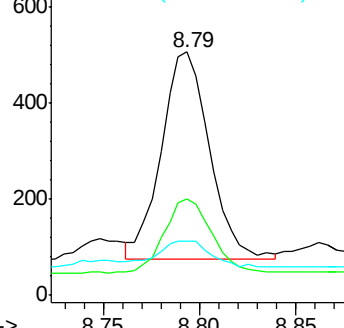
77 100

123 36.6 27.4 41.0

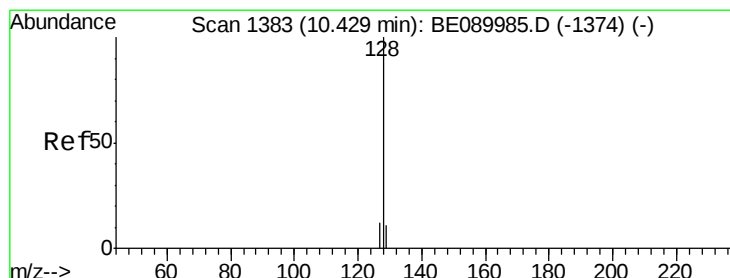
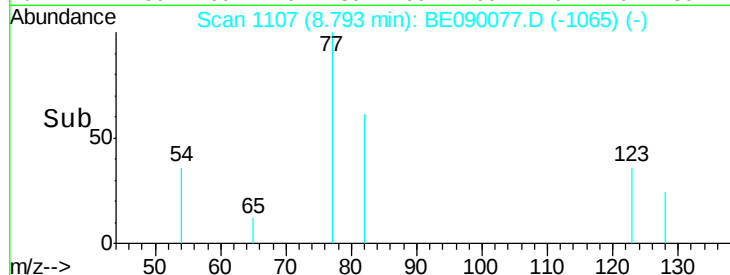
65 13.4 10.6 15.8



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



Time-->



#9

Naphthalene

Concen: 0.15 ng

RT: 10.42 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BE090077.D

Acq: 9 Jul 2015 17:31

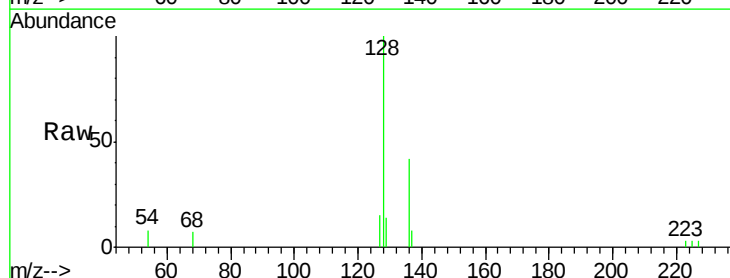
Tgt Ion: 128 Resp: 2167

Ion Ratio Lower Upper

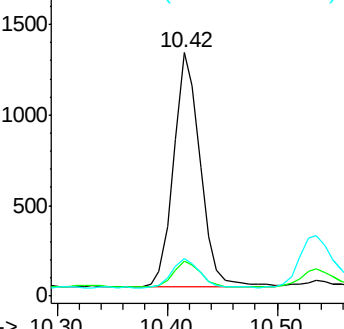
128 100

129 14.1 9.3 13.9#

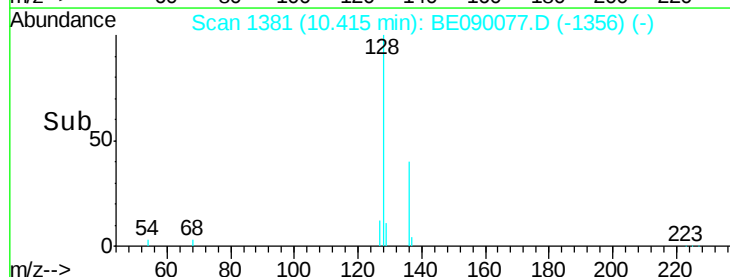
127 15.4 10.2 15.4#

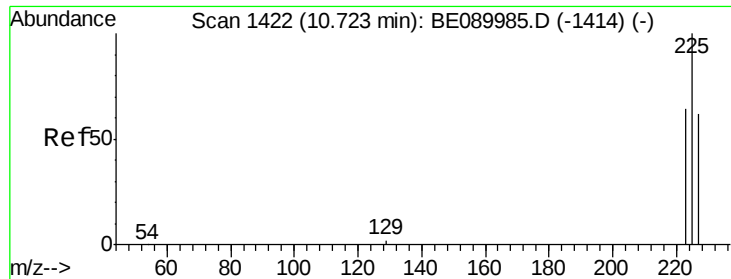


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->

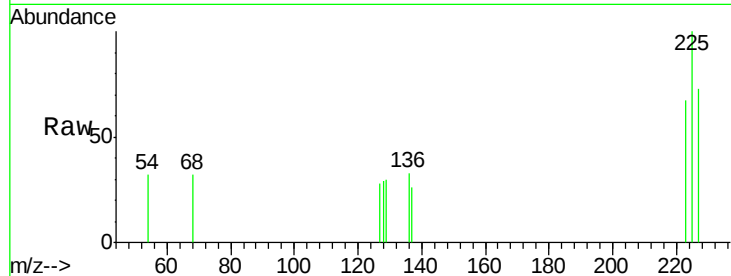




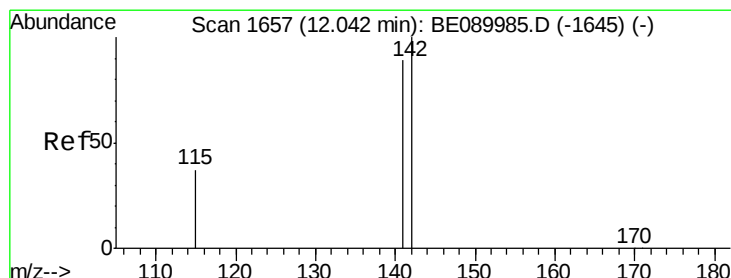
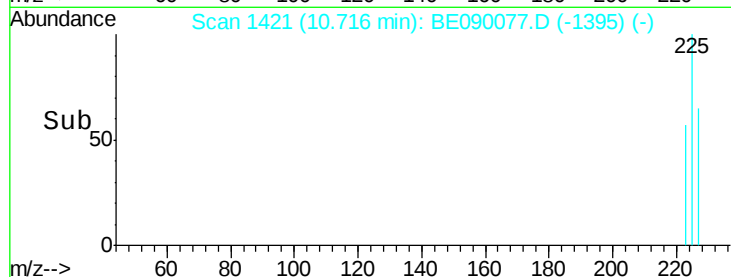
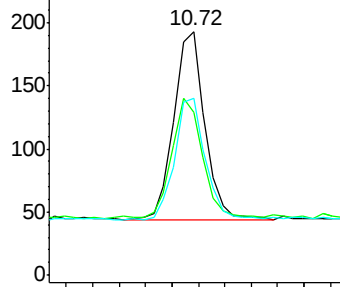
#10
Hexachlorobutadiene
Concen: 0.11 ng
RT: 10.72 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BE090077.D
Acq: 9 Jul 2015 17:31

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Tgt Ion: 225 Resp: 244
Ion Ratio Lower Upper
225 100
223 63.9 50.1 75.1
227 63.9 50.9 76.3

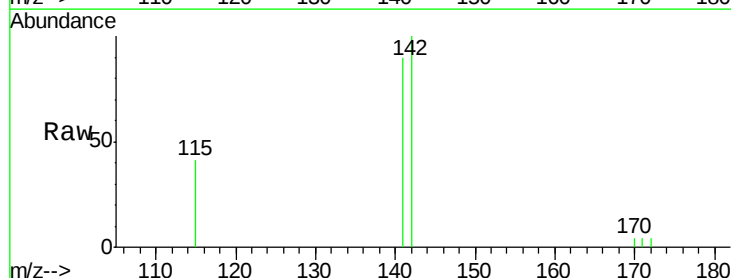


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

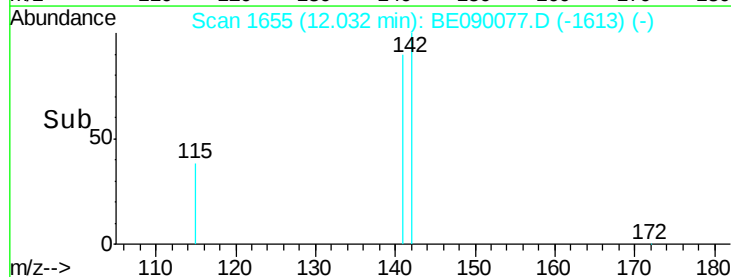
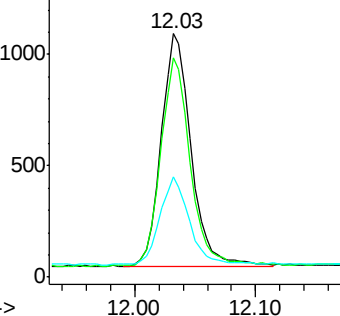


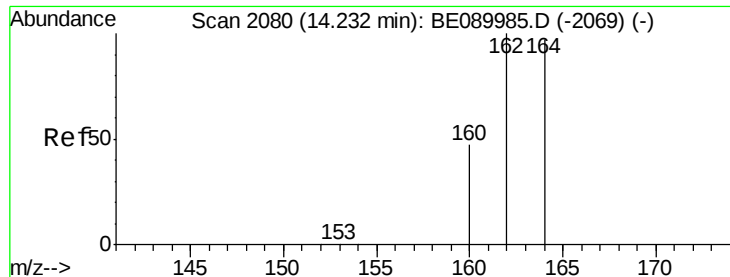
#11
2-Methylnaphthalene
Concen: 0.18 ng
RT: 12.03 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE090077.D
Acq: 9 Jul 2015 17:31

Tgt Ion: 142 Resp: 1775
Ion Ratio Lower Upper
142 100
141 90.2 71.3 106.9
115 41.2 30.4 45.6



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. -0.01 min

Lab File: BE090077.D

Acq: 9 Jul 2015 17:31

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

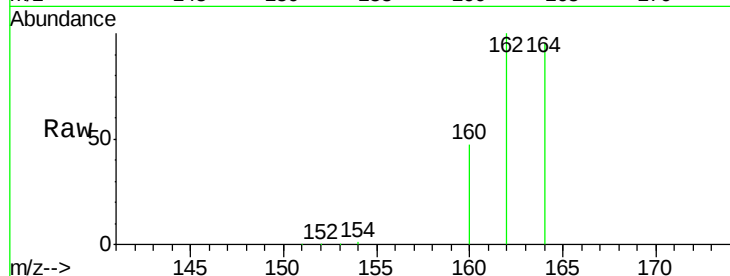
Tgt Ion:164 Resp: 36141

Ion Ratio Lower Upper

164 100

162 105.1 82.2 123.4

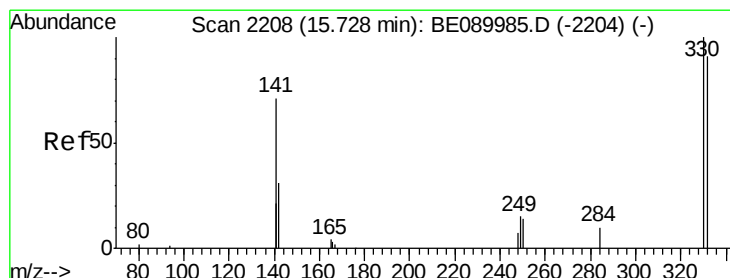
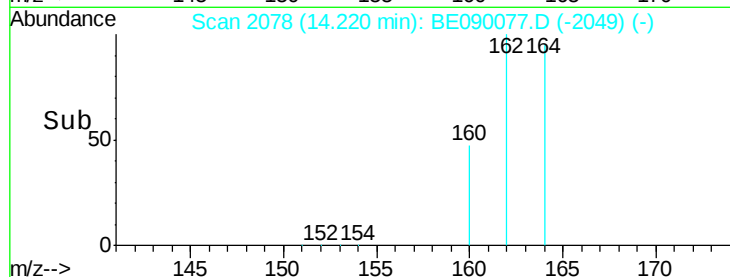
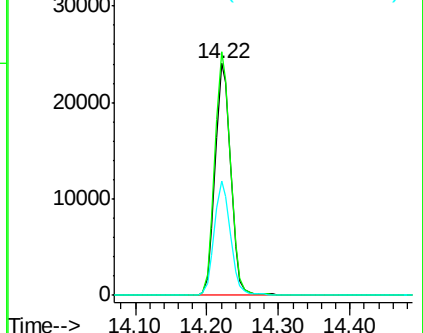
160 49.6 39.0 58.6



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: 7.94 ng

RT: 15.73 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BE090077.D

Acq: 9 Jul 2015 17:31

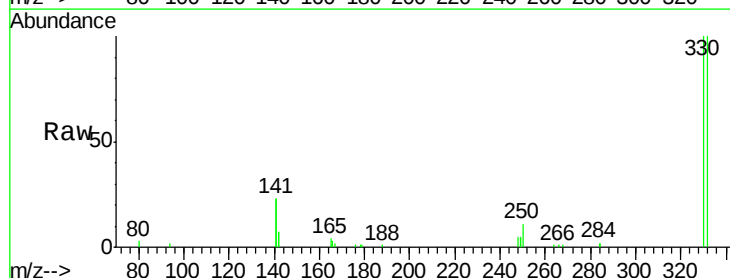
Tgt Ion:330 Resp: 8414

Ion Ratio Lower Upper

330 100

332 97.4 76.4 114.6

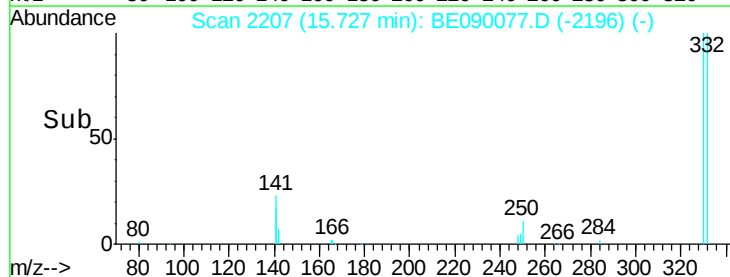
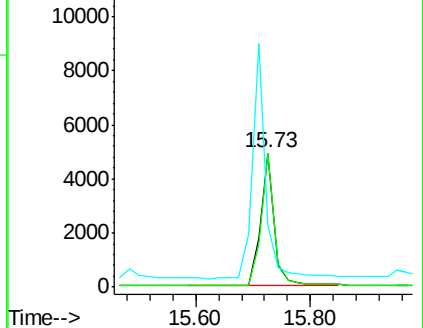
141 168.3 130.3 195.5

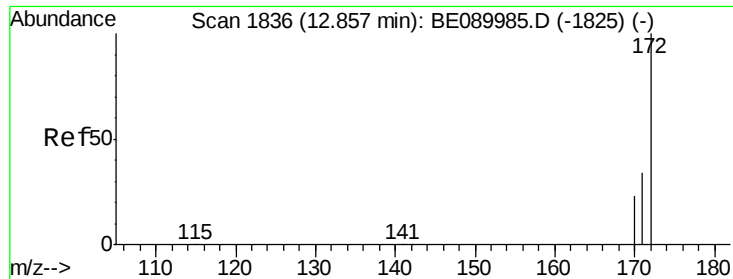


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

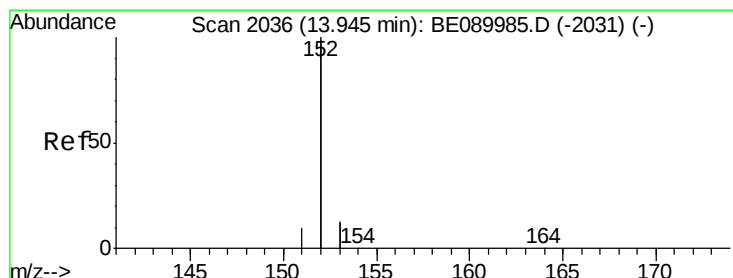
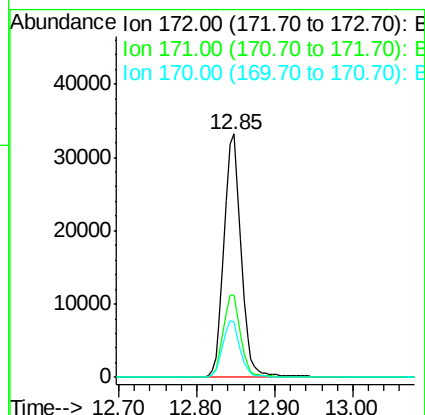
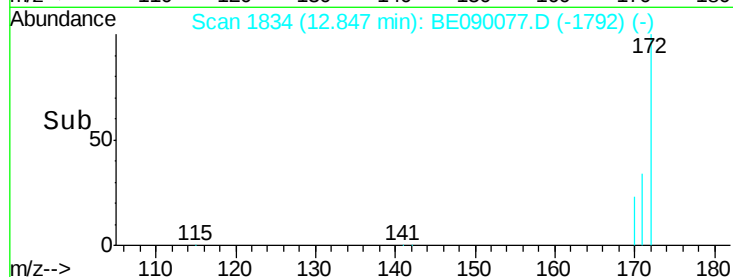
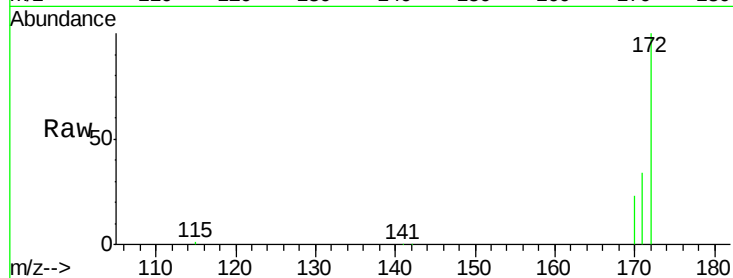




#14
2-Fluorobiphenyl
Concen: 4.67 ng
RT: 12.85 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BE090077.D
Acq: 9 Jul 2015 17:31

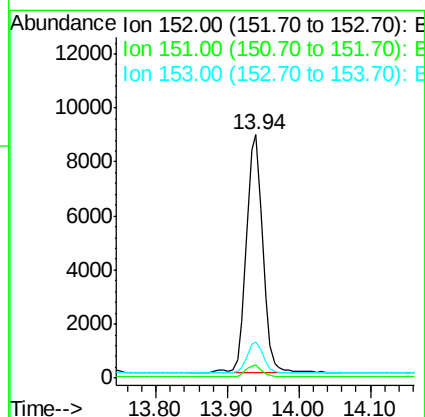
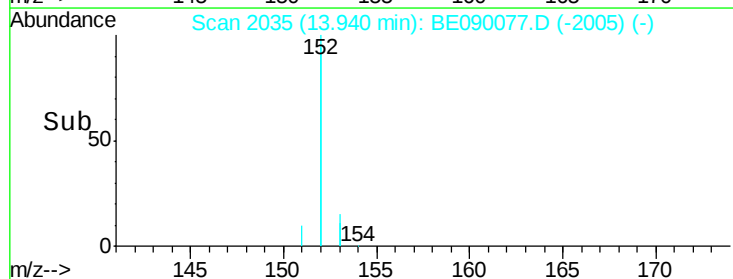
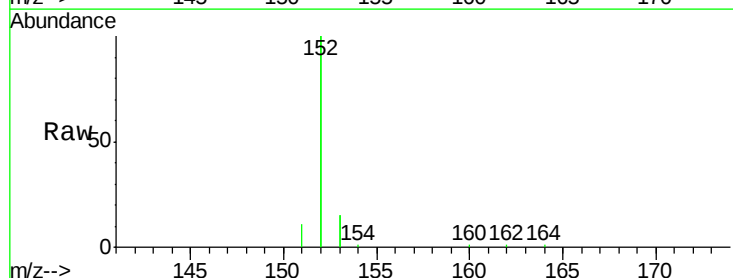
Instrument :
BNA_E
ClientSampleId :
X1SS0820624-150626RE

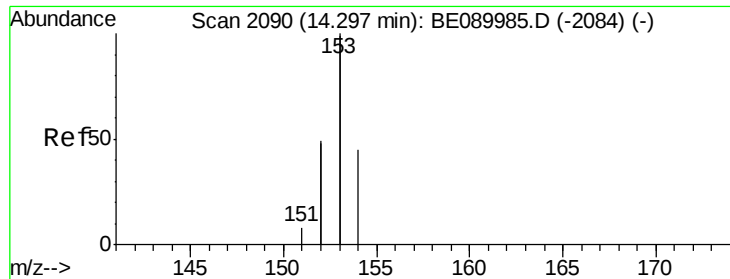
Tgt Ion:172 Resp: 50713
Ion Ratio Lower Upper
172 100
171 34.1 27.8 41.6
170 22.8 18.3 27.5



#15
Acenaphthylene
Concen: 0.22 ng
RT: 13.94 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BE090077.D
Acq: 9 Jul 2015 17:31

Tgt Ion:152 Resp: 14110
Ion Ratio Lower Upper
152 100
151 4.9 3.9 5.9
153 12.9 10.4 15.6





#16

Acenaphthene

Concen: 0.22 ng

RT: 14.29 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BE090077.D

Acq: 9 Jul 2015 17:31

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

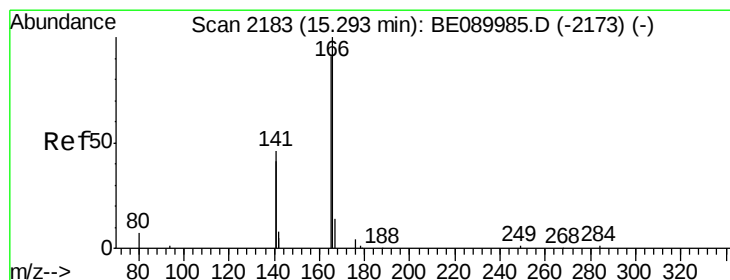
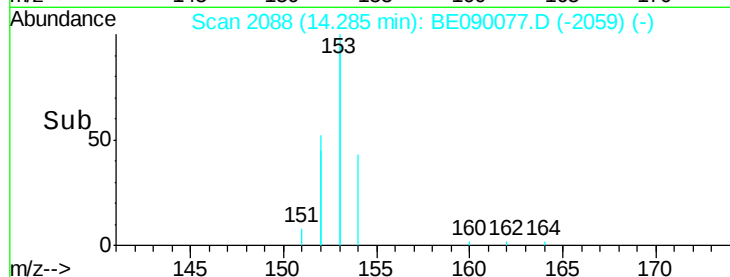
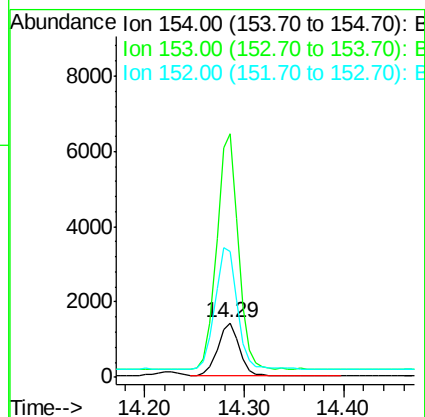
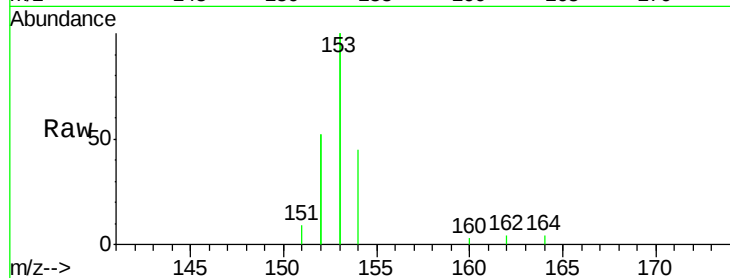
Tgt Ion:154 Resp: 2053

Ion Ratio Lower Upper

154 100

153 453.9 358.6 538.0

152 239.5 189.6 284.4



#17

Fluorene

Concen: 0.21 ng

RT: 15.27 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BE090077.D

Acq: 9 Jul 2015 17:31

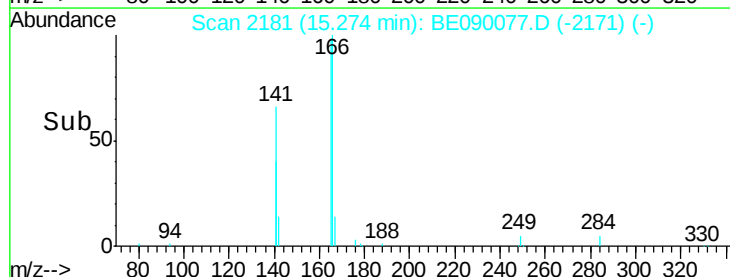
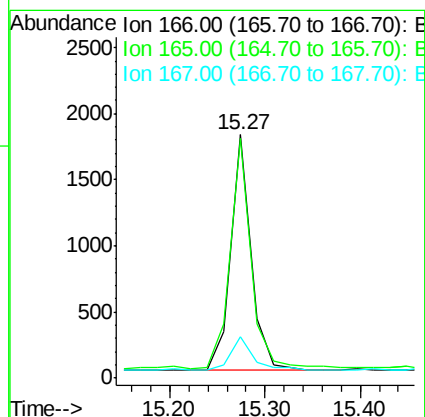
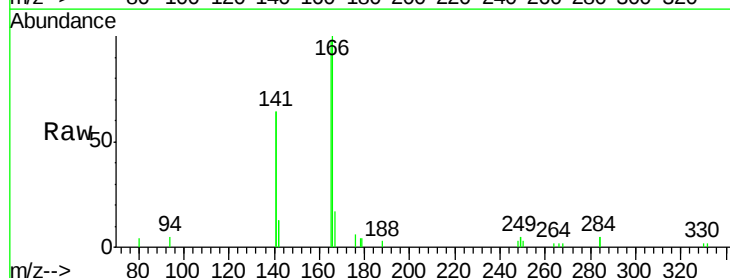
Tgt Ion:166 Resp: 2648

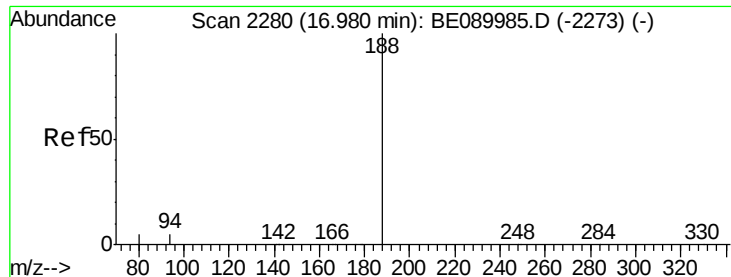
Ion Ratio Lower Upper

166 100

165 107.3 79.0 118.6

167 19.7 11.8 17.8#

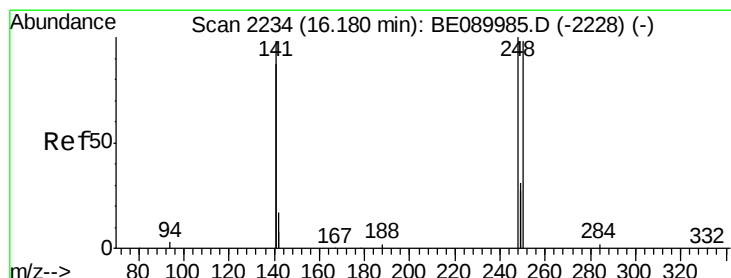
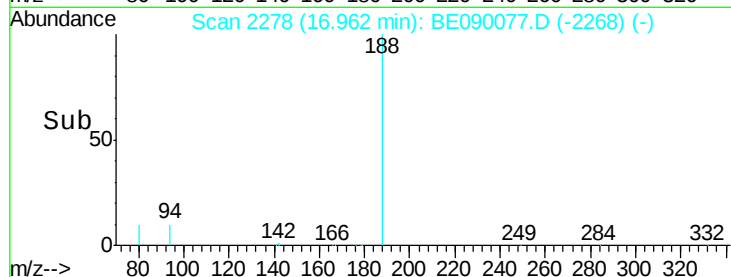
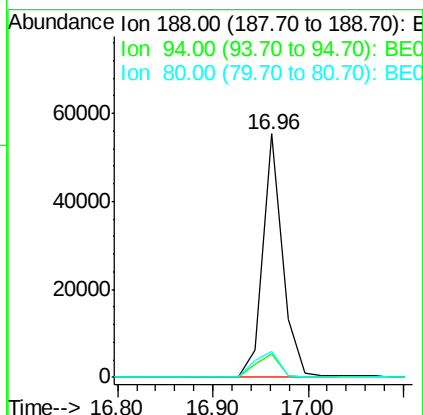
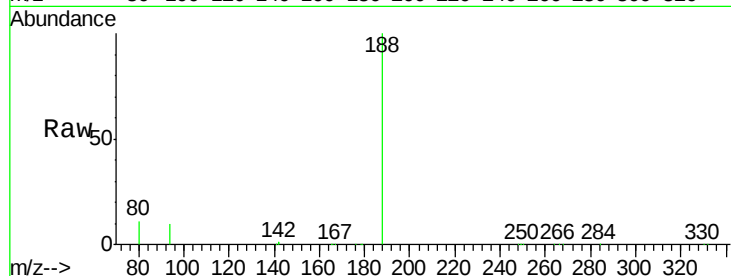




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.96 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BE090077.D
Acq: 9 Jul 2015 17:31

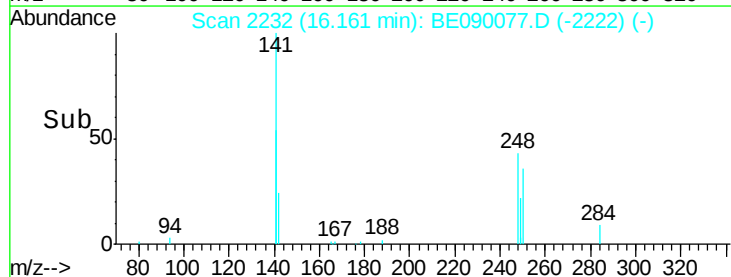
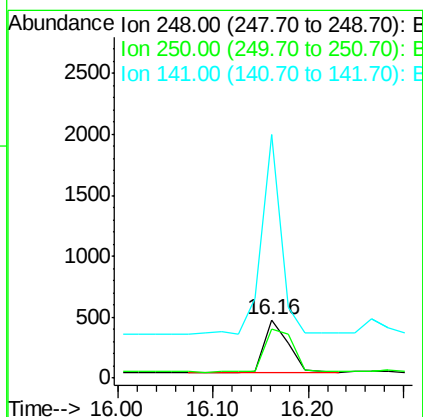
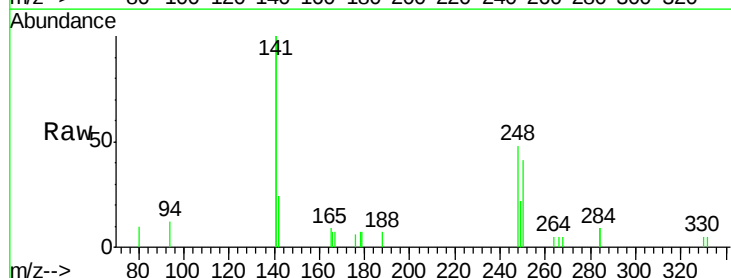
Instrument :
BNA_E
ClientSampleId :
X1SS0820624-150626RE

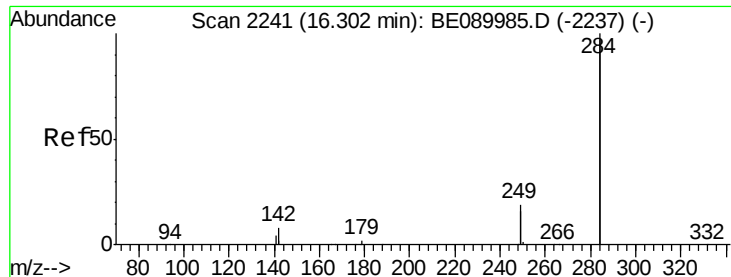
Tgt Ion:188 Resp: 79238
Ion Ratio Lower Upper
188 100
94 9.6 4.1 6.1#
80 10.6 4.2 6.2#



#19
4-Bromophenyl-phenylether
Concen: 0.22 ng
RT: 16.16 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BE090077.D
Acq: 9 Jul 2015 17:31

Tgt Ion:248 Resp: 741
Ion Ratio Lower Upper
248 100
250 100.3 78.3 117.5
141 316.3 248.1 372.1





#20

Hexachlorobenzene

Concen: 0.22 ng

RT: 16.28 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BE090077.D

Acq: 9 Jul 2015 17:31

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

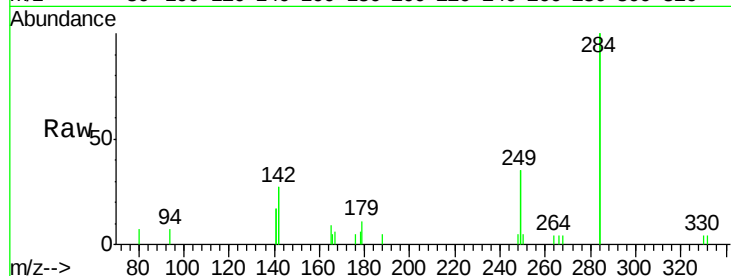
Tgt Ion:284 Resp: 3138

Ion Ratio Lower Upper

284 100

142 39.7 32.6 49.0

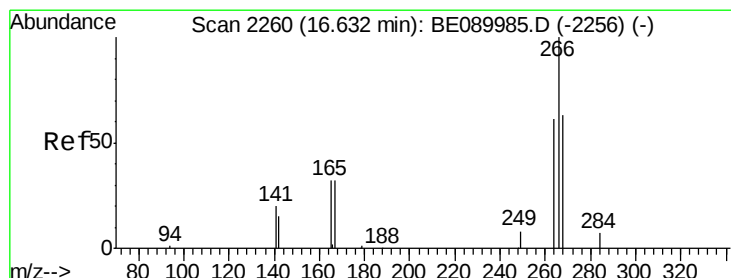
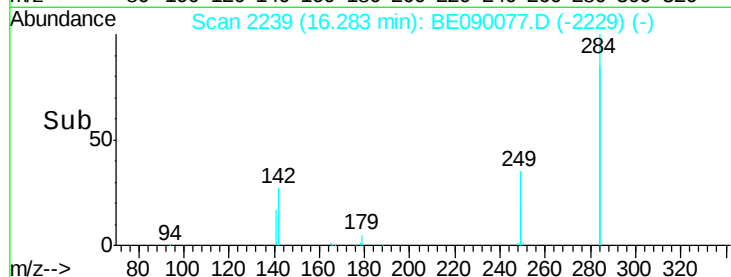
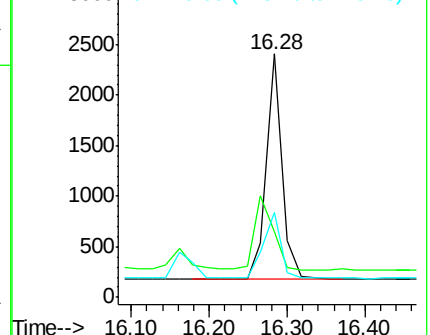
249 34.1 25.5 38.3



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: 0.76 ng

RT: 16.63 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BE090077.D

Acq: 9 Jul 2015 17:31

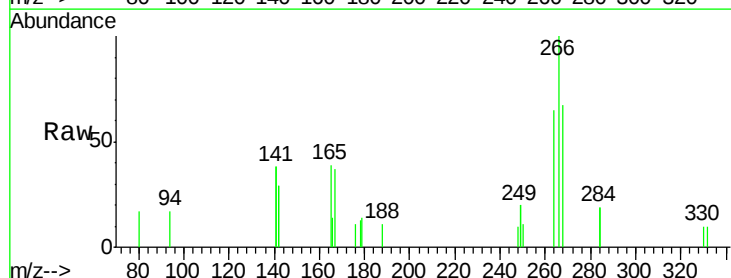
Tgt Ion:266 Resp: 934

Ion Ratio Lower Upper

266 100

268 67.1 51.8 77.8

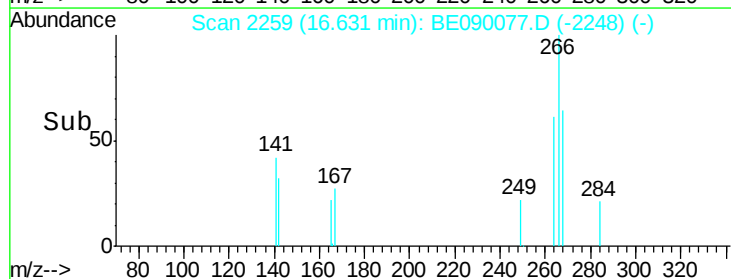
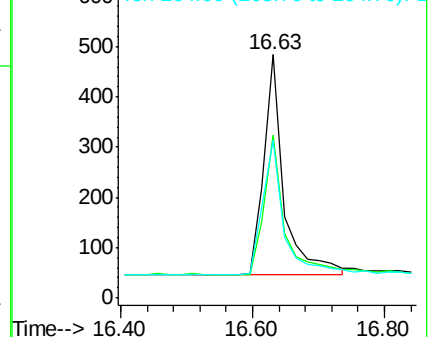
264 64.7 50.2 75.2

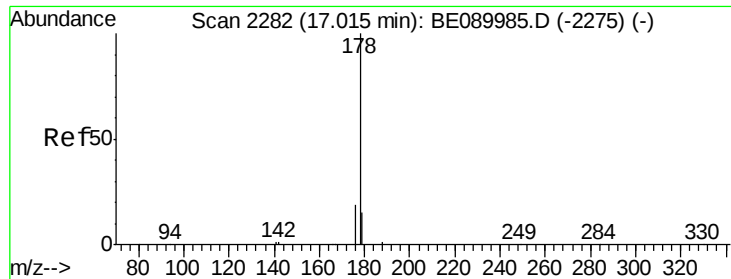


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#22

Phenanthrene

Concen: 0.23 ng

RT: 17.00 min Scan# 2280

Delta R.T. -0.02 min

Lab File: BE090077.D

Acq: 9 Jul 2015 17:31

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

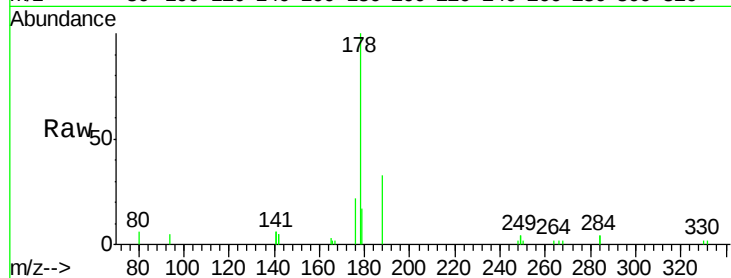
Tgt Ion:178 Resp: 4586

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

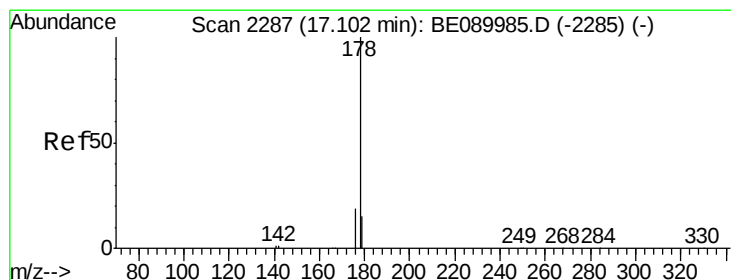
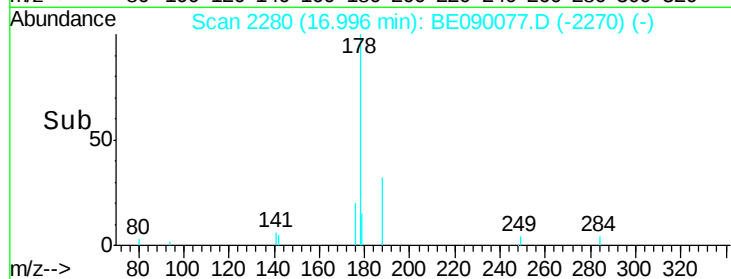
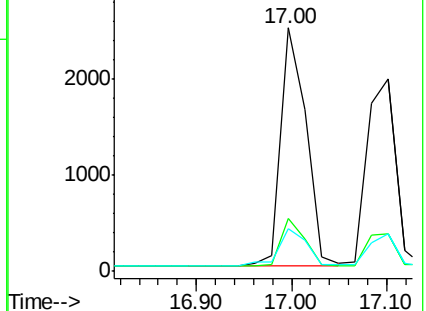
179 16.7 12.4 18.6



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: 0.22 ng

RT: 17.10 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BE090077.D

Acq: 9 Jul 2015 17:31

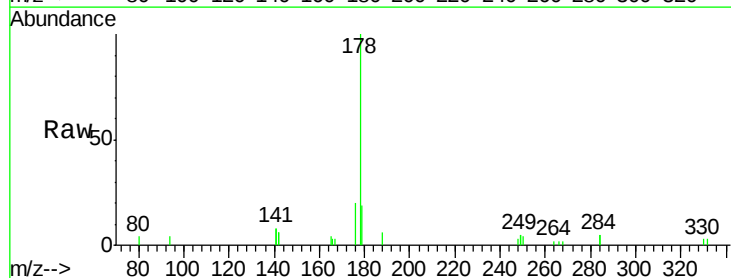
Tgt Ion:178 Resp: 4060

Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

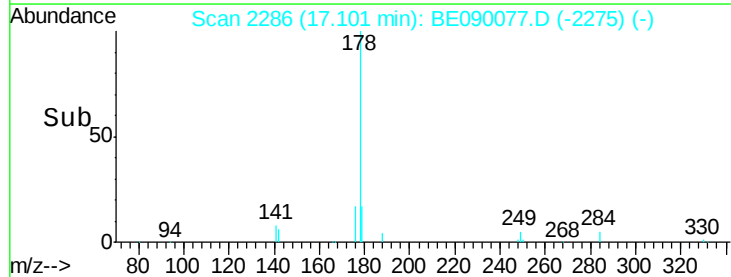
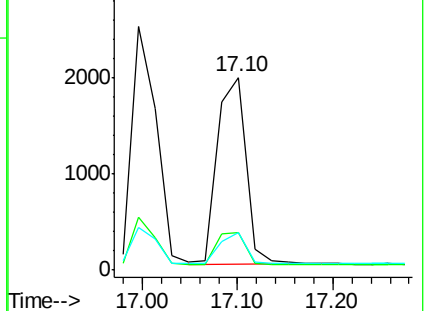
179 15.4 12.1 18.1

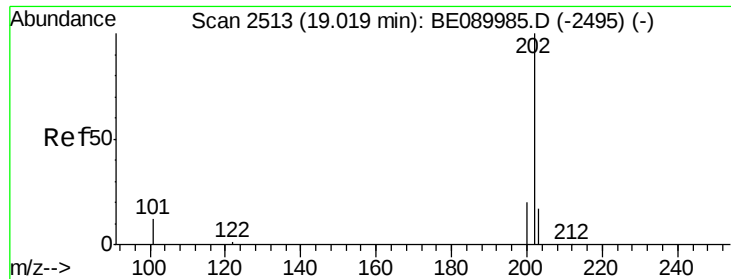


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

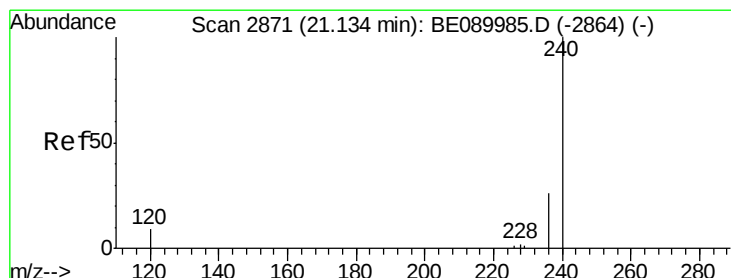
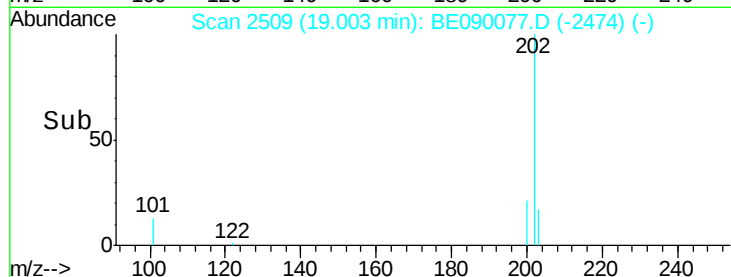
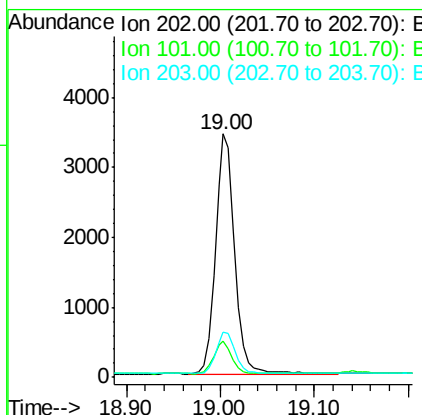
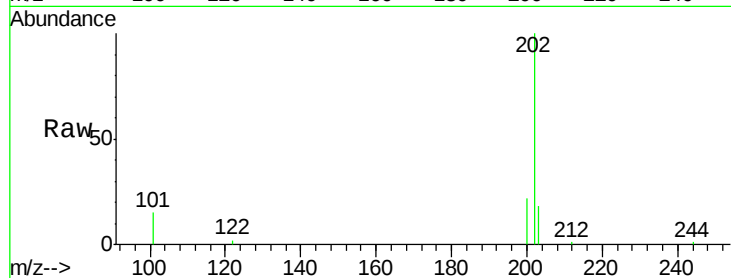




#24
 Fluoranthene
 Concen: 0.22 ng
 RT: 19.00 min Scan# 2509
 Delta R.T. -0.02 min
 Lab File: BE090077.D
 Acq: 9 Jul 2015 17:31

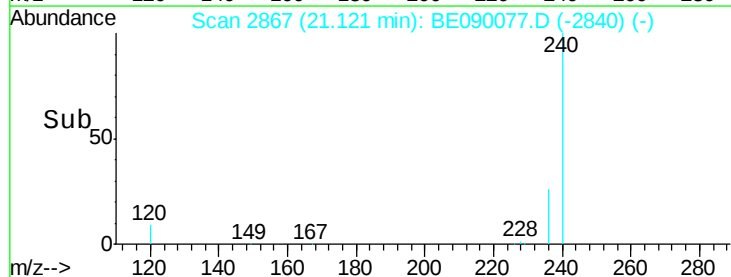
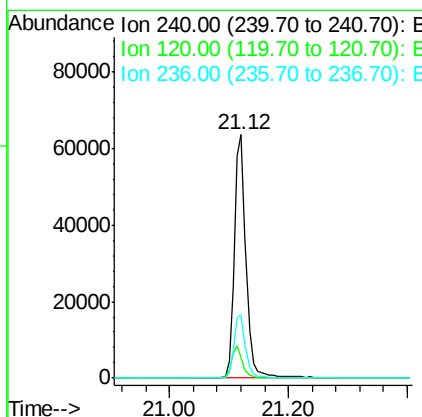
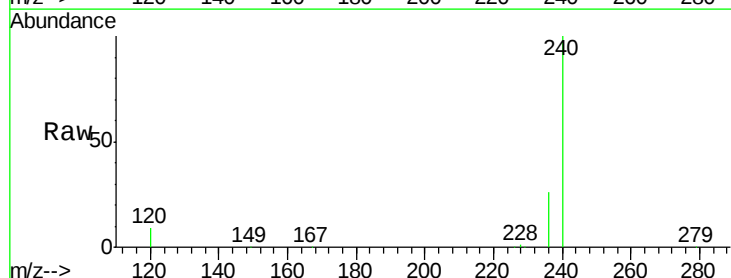
Instrument :
 BNA_E
 ClientSampleId :
 X1SS0820624-150626RE

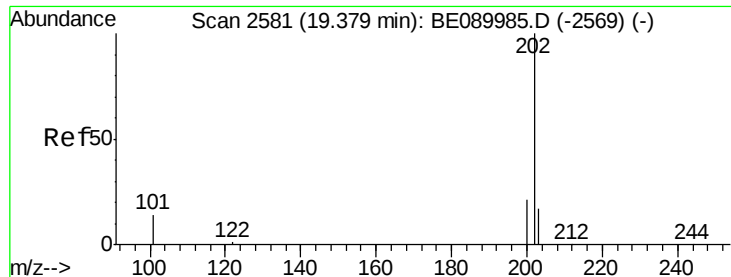
Tgt Ion: 202 Resp: 4889
 Ion Ratio Lower Upper
 202 100
 101 13.0 10.6 15.8
 203 17.1 13.8 20.6



#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.12 min Scan# 2867
 Delta R.T. -0.01 min
 Lab File: BE090077.D
 Acq: 9 Jul 2015 17:31

Tgt Ion: 240 Resp: 86278
 Ion Ratio Lower Upper
 240 100
 120 8.8 6.9 10.3
 236 26.0 20.8 31.2





#26

Pyrene

Concen: 0.25 ng

RT: 19.36 min Scan# 2577

Delta R.T. -0.02 min

Lab File: BE090077.D

Acq: 9 Jul 2015 17:31

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

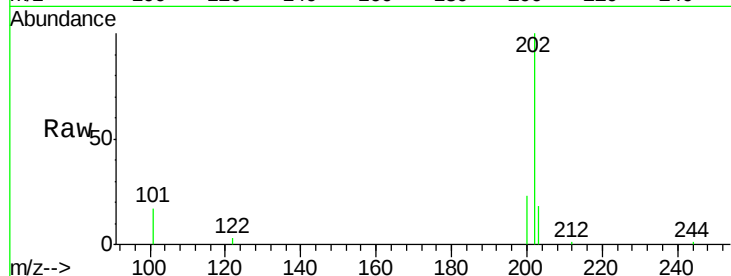
Tgt Ion:202 Resp: 5104

Ion Ratio Lower Upper

202 100

200 20.5 16.8 25.2

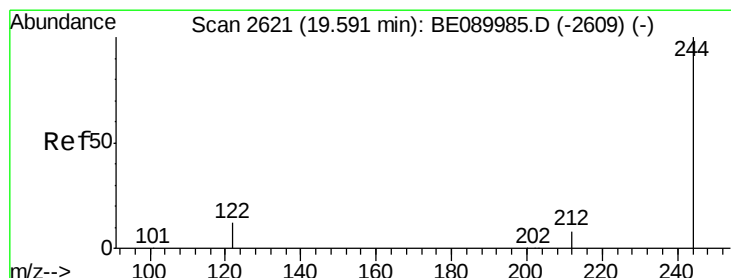
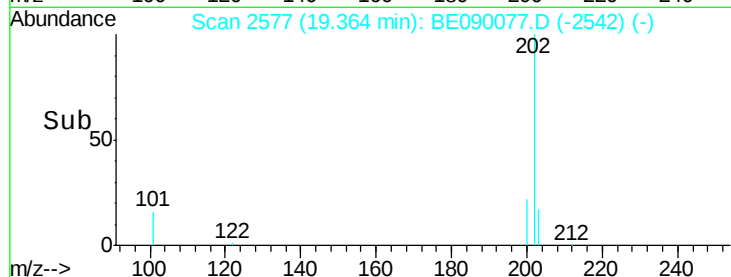
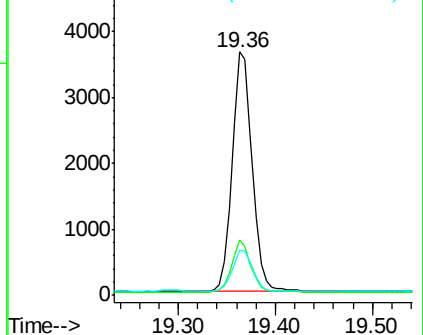
203 17.6 13.9 20.9



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: 4.90 ng

RT: 19.58 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BE090077.D

Acq: 9 Jul 2015 17:31

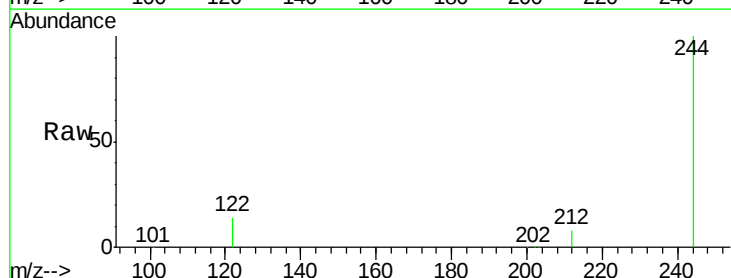
Tgt Ion:244 Resp: 70450

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

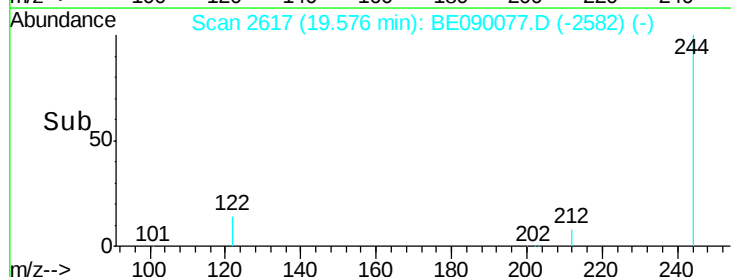
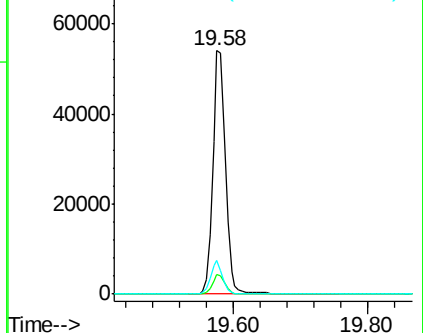
122 13.9 9.8 14.8

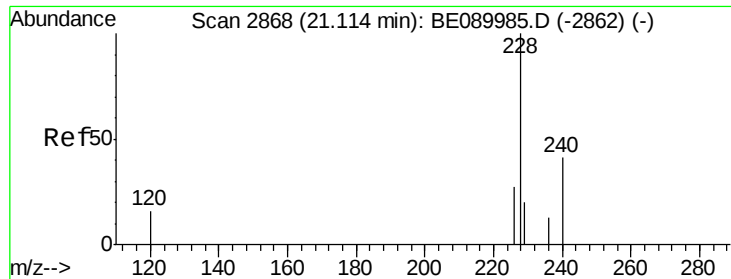


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#28

Benzo(a)anthracene

Concen: 0.24 ng

RT: 21.10 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BE090077.D

Acq: 9 Jul 2015 17:31

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

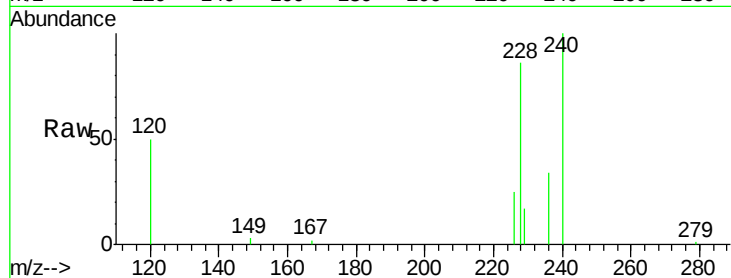
Tgt Ion:228 Resp: 5193

Ion Ratio Lower Upper

228 100

226 28.4 21.8 32.6

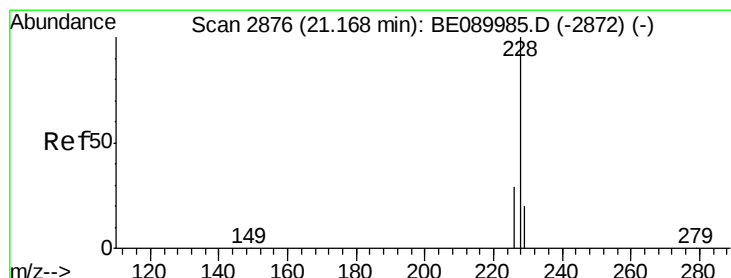
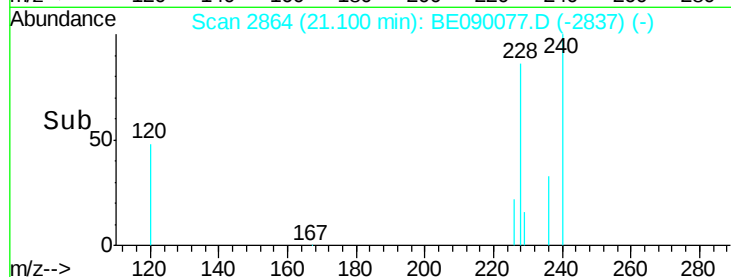
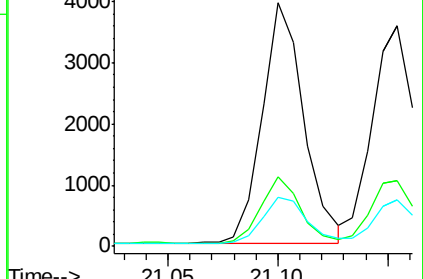
229 20.0 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#29

Chrysene

Concen: 0.23 ng

RT: 21.15 min Scan# 2872

Delta R.T. -0.01 min

Lab File: BE090077.D

Acq: 9 Jul 2015 17:31

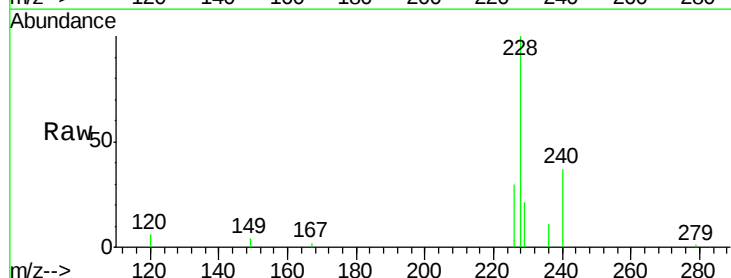
Tgt Ion:228 Resp: 5062

Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.0

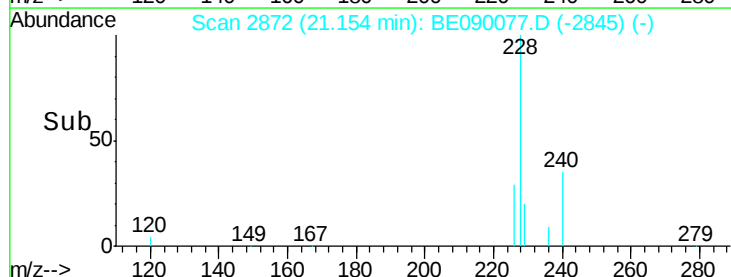
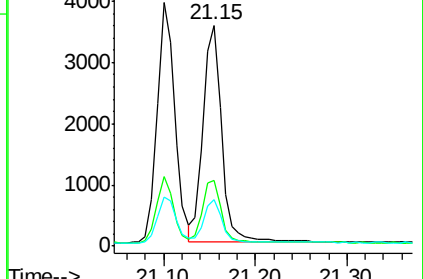
229 21.3 16.2 24.2

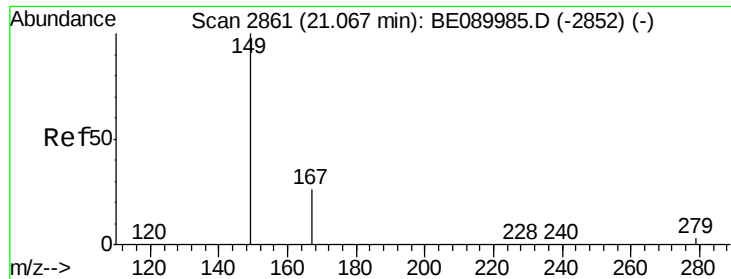


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.56 ng

RT: 21.05 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BE090077.D

Acq: 9 Jul 2015 17:31

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

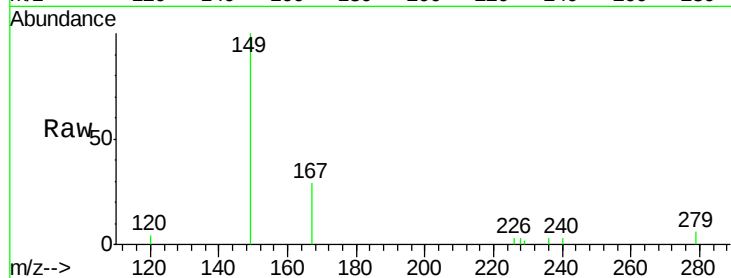
Tgt Ion:149 Resp: 2697

Ion Ratio Lower Upper

149 100

167 24.9 20.3 30.5

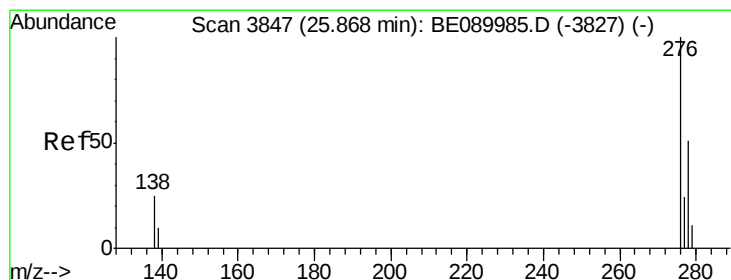
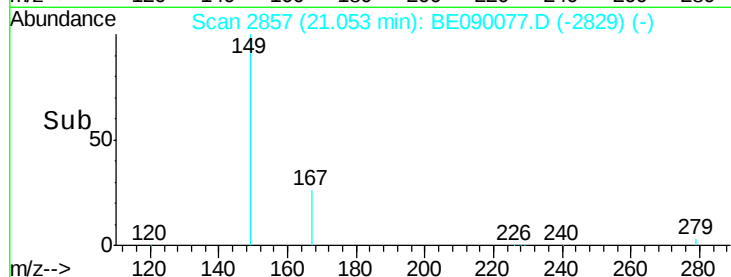
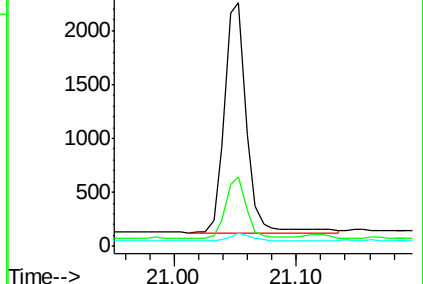
279 3.0 2.6 3.8



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: 0.24 ng

RT: 25.84 min Scan# 3839

Delta R.T. -0.03 min

Lab File: BE090077.D

Acq: 9 Jul 2015 17:31

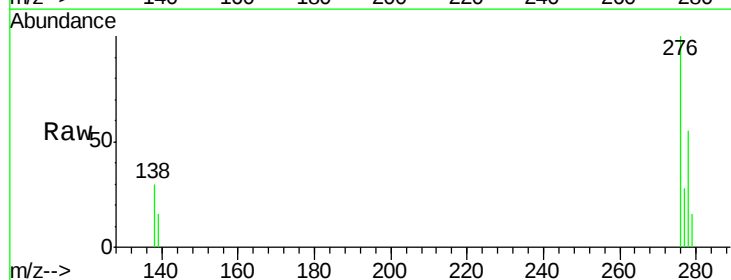
Tgt Ion:276 Resp: 5063

Ion Ratio Lower Upper

276 100

138 27.7 21.3 31.9

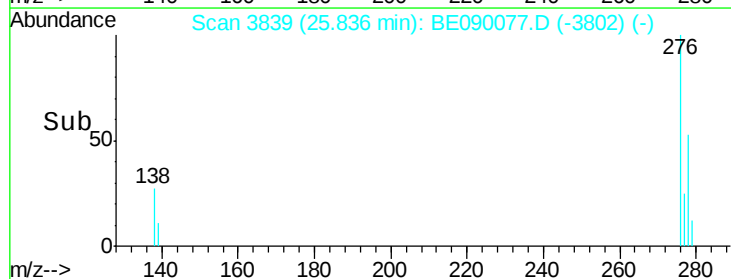
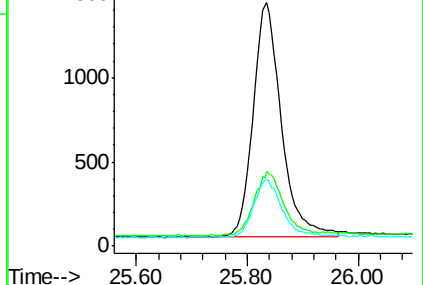
277 25.1 19.7 29.5

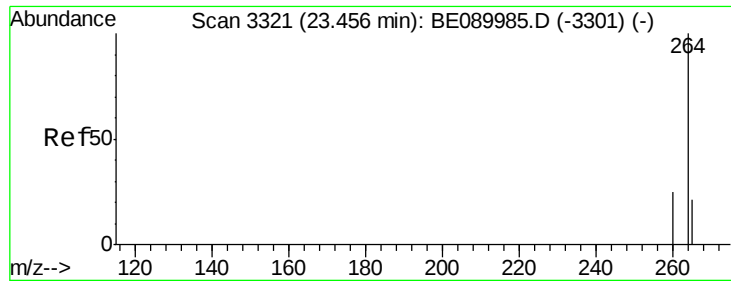


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

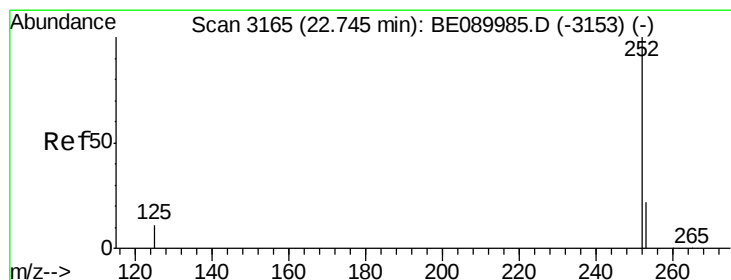
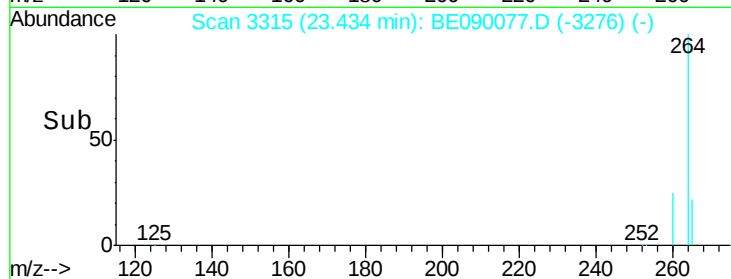
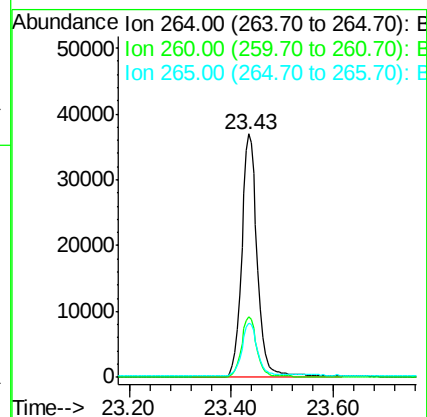
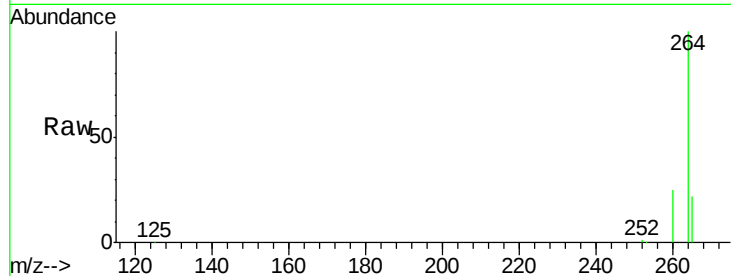




#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.43 min Scan# 3315
 Delta R.T. -0.02 min
 Lab File: BE090077.D
 Acq: 9 Jul 2015 17:31

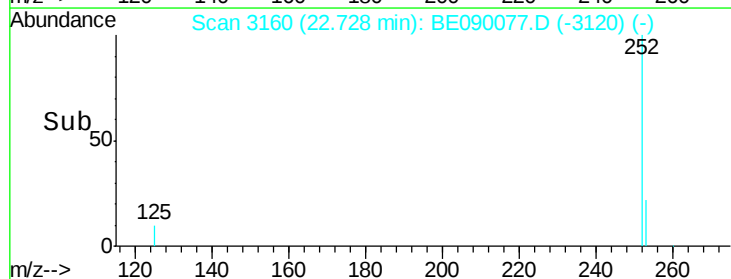
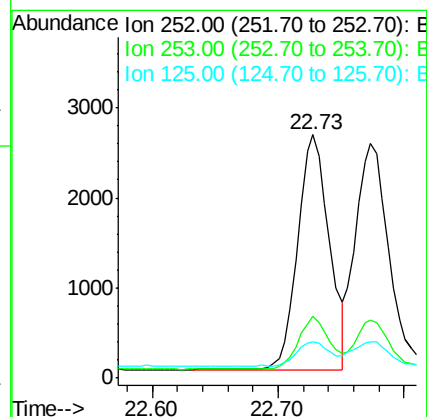
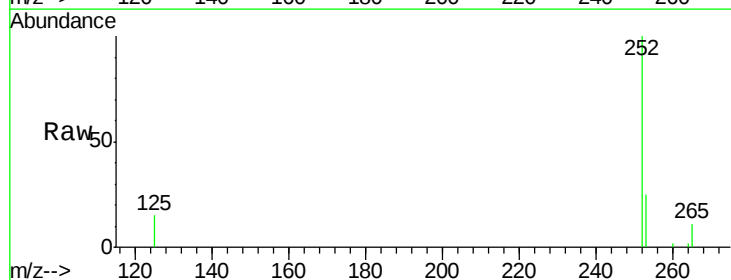
Instrument :
 BNA_E
 ClientSampleId :
 X1SS0820624-150626RE

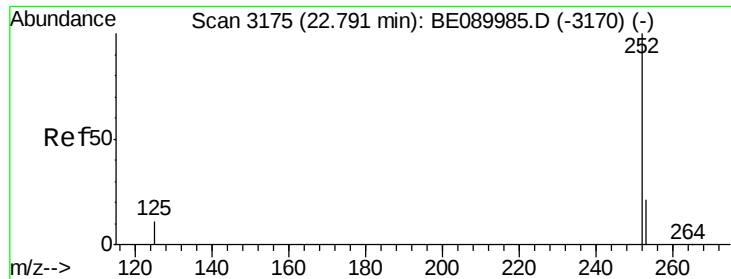
Tgt Ion: 264 Resp: 78216
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.2 30.2
 265 22.3 17.1 25.7



#33
 Benzo(b)fluoranthene
 Concen: 0.26 ng
 RT: 22.73 min Scan# 3160
 Delta R.T. -0.02 min
 Lab File: BE090077.D
 Acq: 9 Jul 2015 17:31

Tgt Ion: 252 Resp: 4510
 Ion Ratio Lower Upper
 252 100
 253 25.3 17.8 26.8
 125 14.8 9.0 13.4#





#34

Benzo(k)fluoranthene

Concen: 0.24 ng

RT: 22.77 min Scan# 3170

Delta R.T. -0.02 min

Lab File: BE090077.D

Acq: 9 Jul 2015 17:31

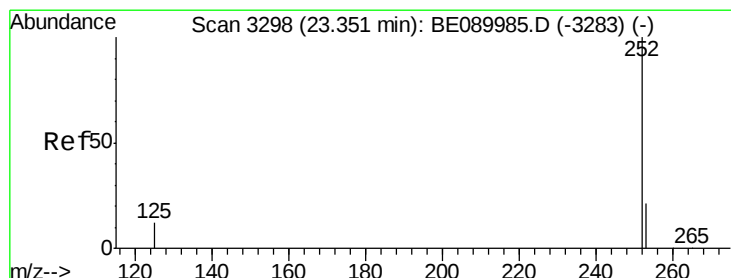
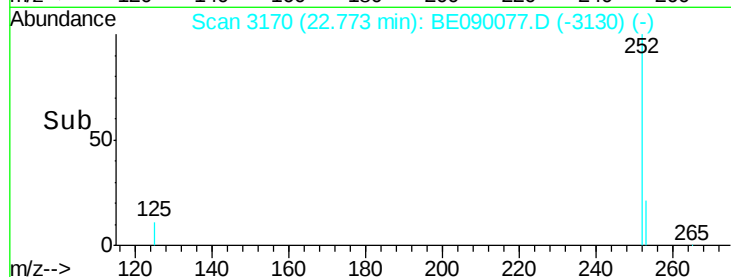
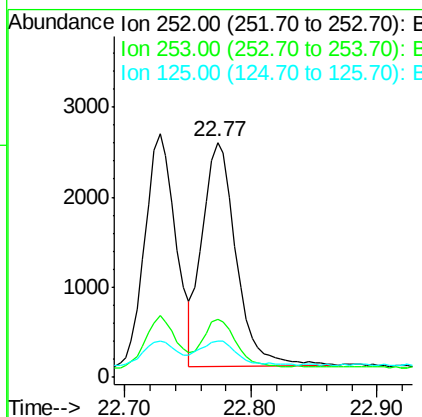
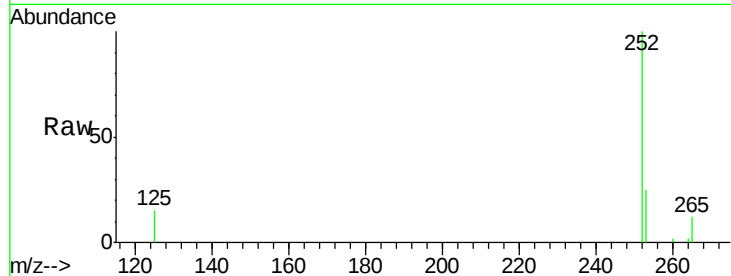
Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

Tgt Ion:	252	Resp:	4627
Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.5	26.3
125	15.2	9.5	14.3#



#35

Benzo(a)pyrene

Concen: 0.26 ng

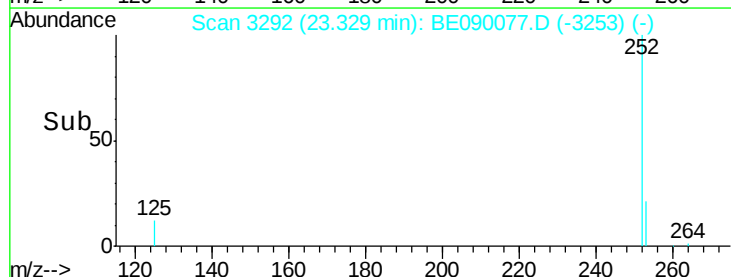
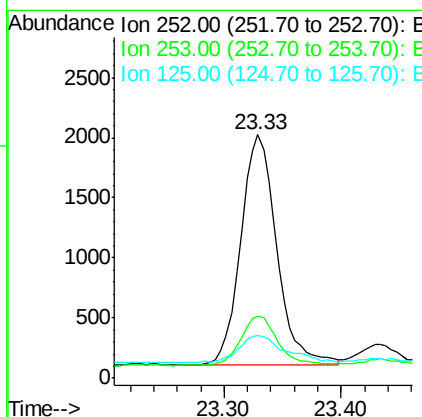
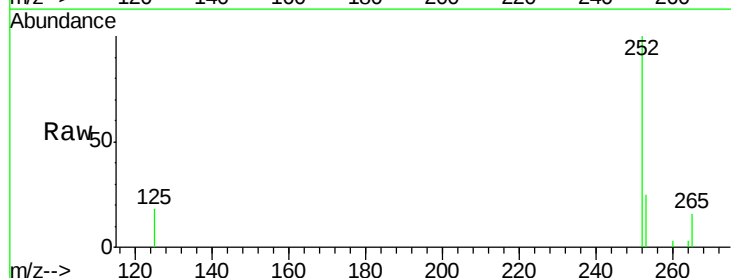
RT: 23.33 min Scan# 3292

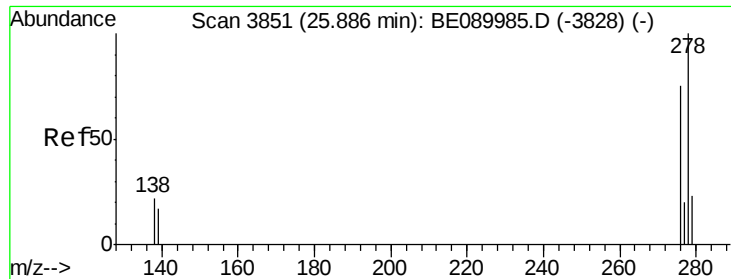
Delta R.T. -0.02 min

Lab File: BE090077.D

Acq: 9 Jul 2015 17:31

Tgt Ion:	252	Resp:	4114
Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.4	26.2
125	17.6	10.5	15.7#





#36

Dibenzo(a,h)anthracene

Concen: 0.24 ng

RT: 25.85 min Scan# 3843

Delta R.T. -0.03 min

Lab File: BE090077.D

Acq: 9 Jul 2015 17:31

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

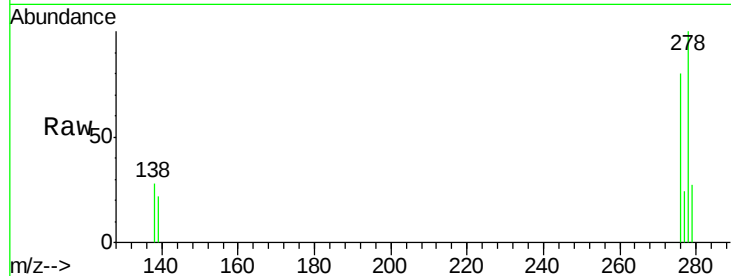
Tgt Ion: 278 Resp: 4005

Ion Ratio Lower Upper

278 100

139 22.2 14.4 21.6#

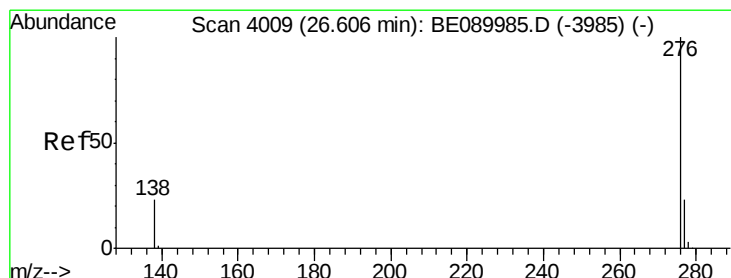
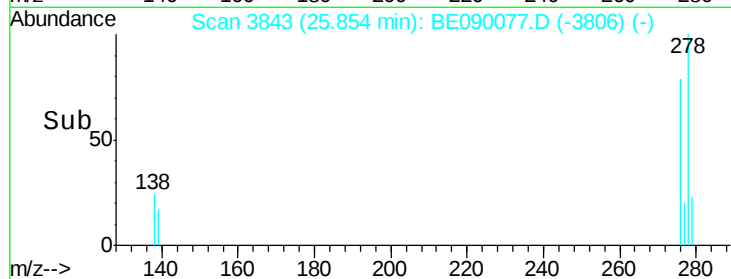
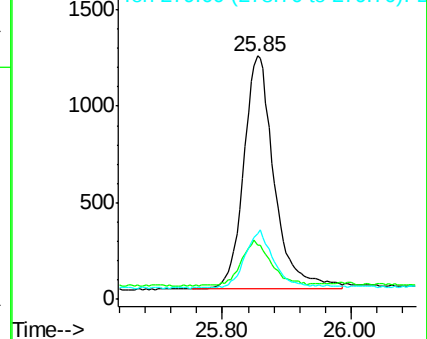
279 26.7 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#37

Benzo(g,h,i)perylene

Concen: 0.26 ng

RT: 26.56 min Scan# 3999

Delta R.T. -0.04 min

Lab File: BE090077.D

Acq: 9 Jul 2015 17:31

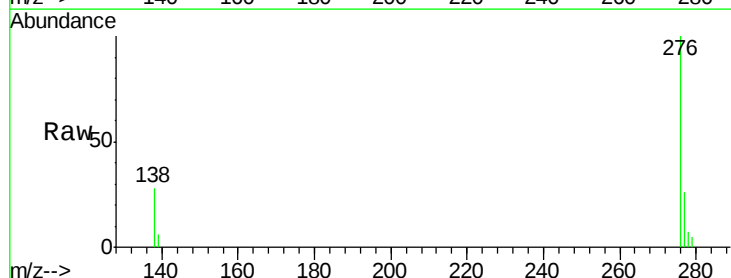
Tgt Ion: 276 Resp: 4261

Ion Ratio Lower Upper

276 100

277 25.7 18.8 28.2

138 28.2 18.6 27.8#



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

