

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070915\
 Data File : BE090077.D
 Acq On : 9 Jul 2015 17:31
 Operator : TP/IZ
 Sample : G2824-14RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0820624-150626RE

Quant Time: Jul 10 02:28:13 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

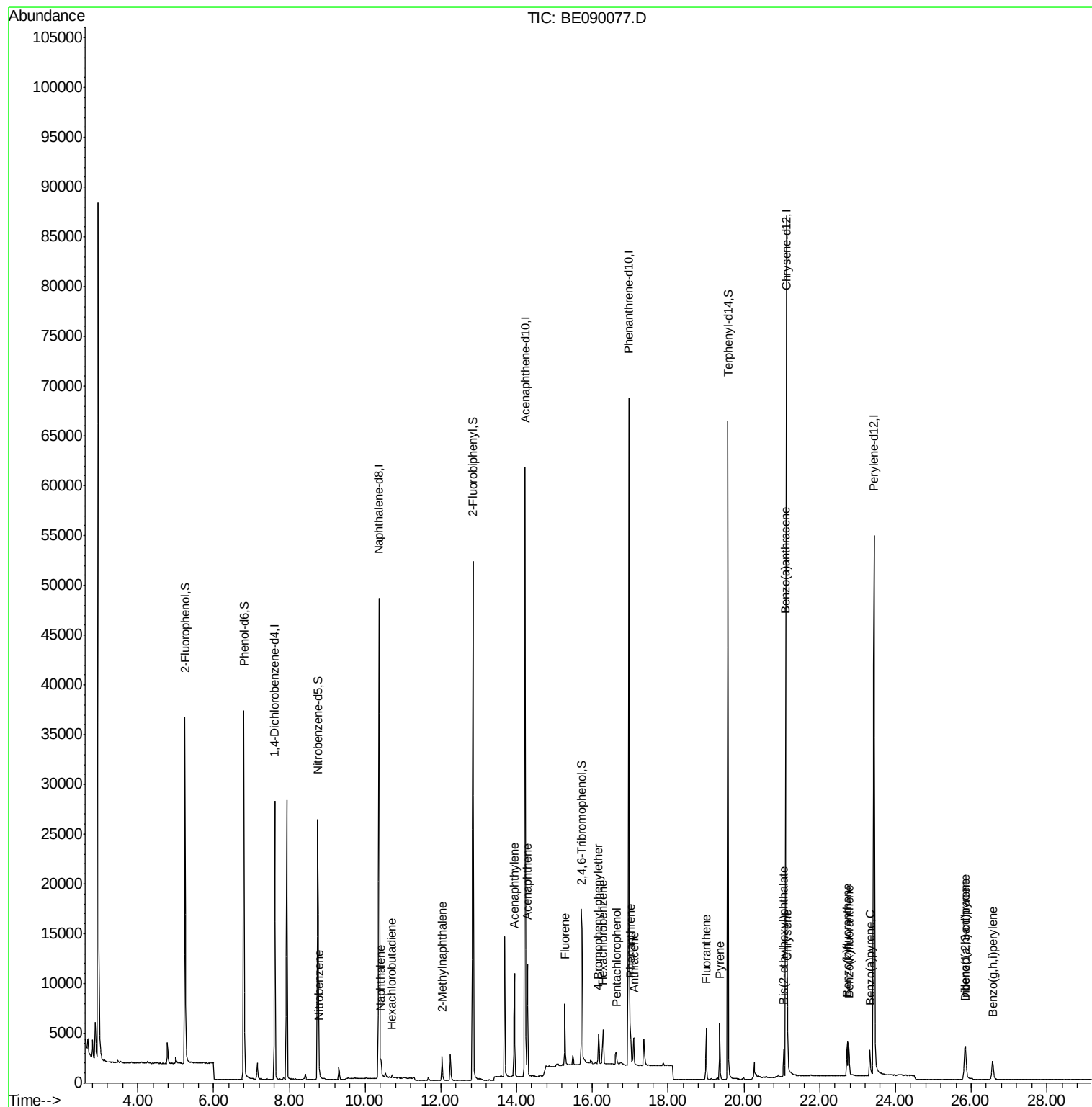
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Nitrobenzene	8.79	77	748	0.14	ng	97
9) Naphthalene	10.42	128	2167	0.15	ng	# 93
10) Hexachlorobutadiene	10.72	225	244	0.11	ng	99
11) 2-Methylnaphthalene	12.03	142	1775	0.18	ng	98
15) Acenaphthylene	13.94	152	14110	0.22	ng	100
16) Acenaphthene	14.29	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

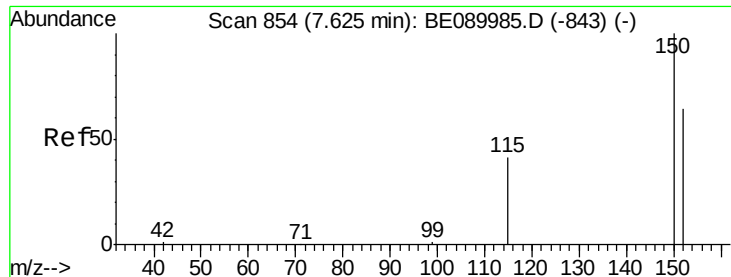
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE070915\
Data File : BE090077.D
Acq On : 9 Jul 2015 17:31
Operator : TP/IZ
Sample : G2824-14RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
X1SS0820624-150626RE

Quant Time: Jul 10 02:28:13 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



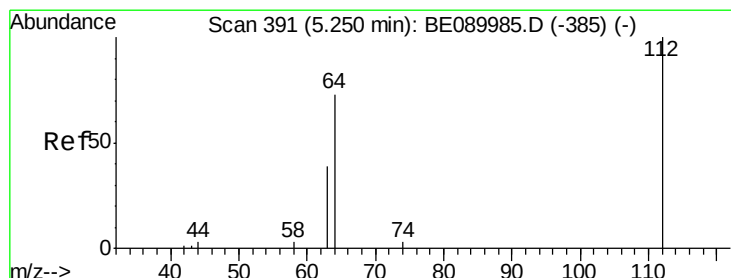
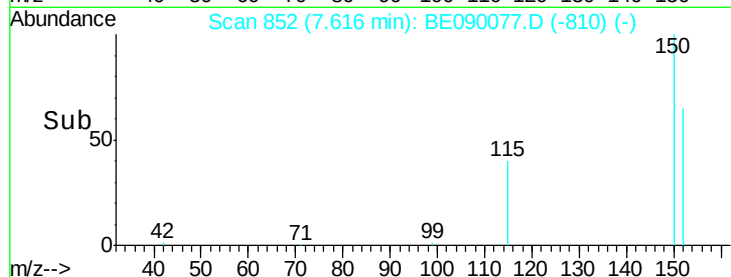
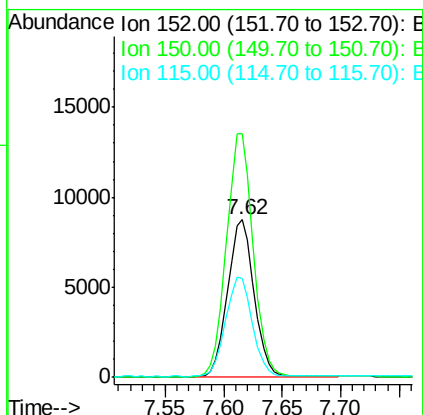
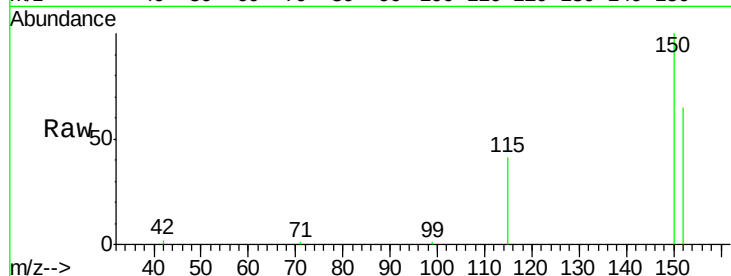


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.62 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

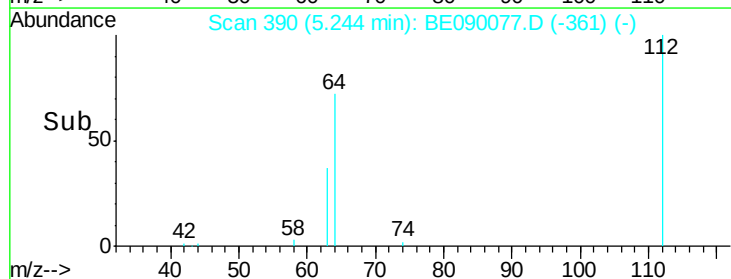
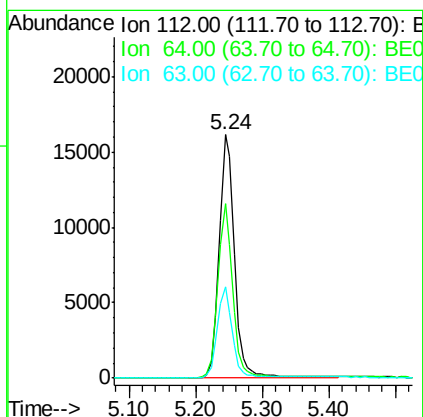
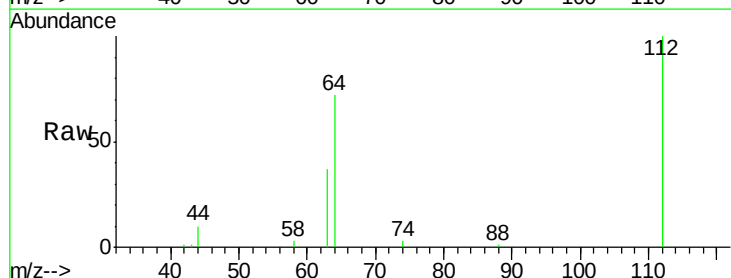
Tgt Ion:152 Resp: 13618
Ion Ratio Lower Upper
152 100
150 154.4 123.9 185.9
115 62.6 50.6 76.0

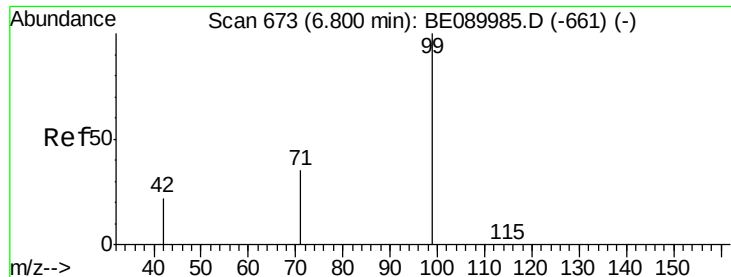


#4

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

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





#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

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

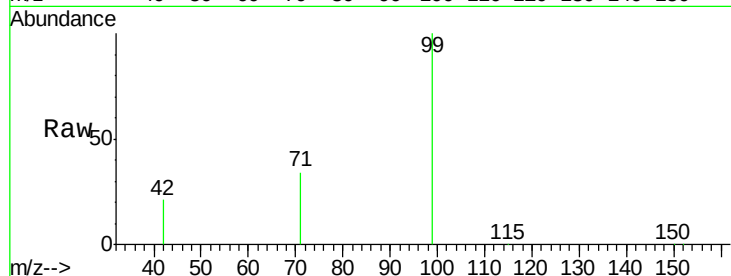
Tgt Ion: 99 Resp: 38948

Ion Ratio Lower Upper

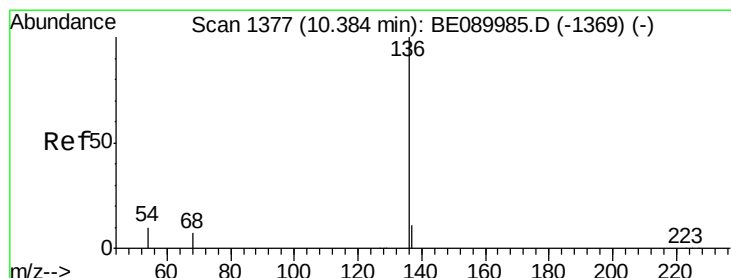
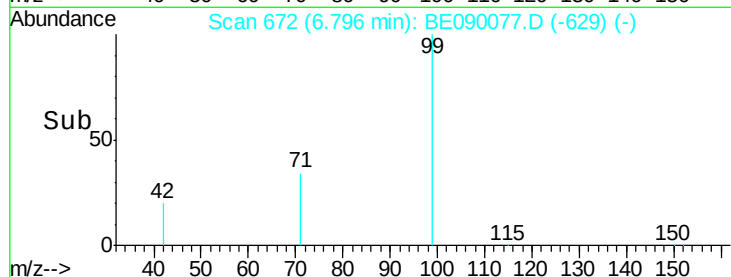
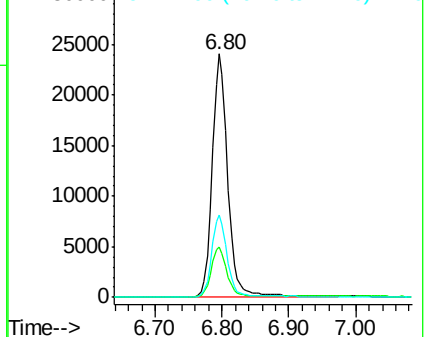
99 100

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

Tgt Ion: 136 Resp: 63668

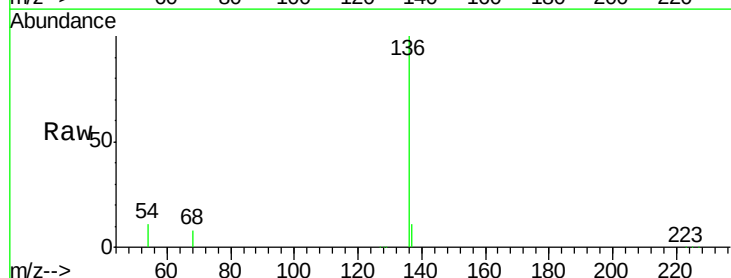
Ion Ratio Lower Upper

136 100

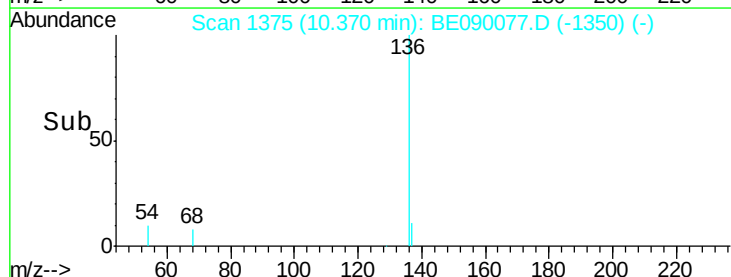
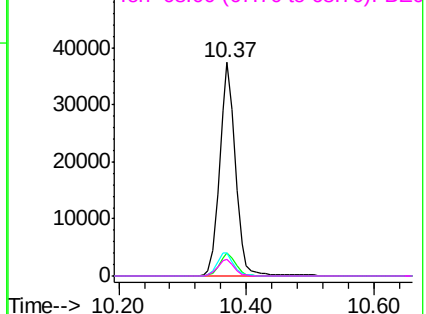
137 10.9 8.9 13.3

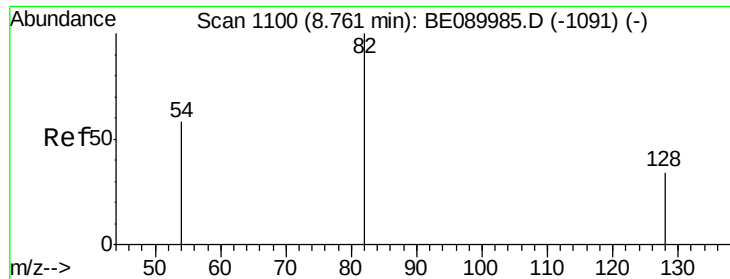
54 10.6 8.2 12.4

68 7.8 5.8 8.8



Abundance Ion 136.00 (135.70 to 136.70): 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: 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

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

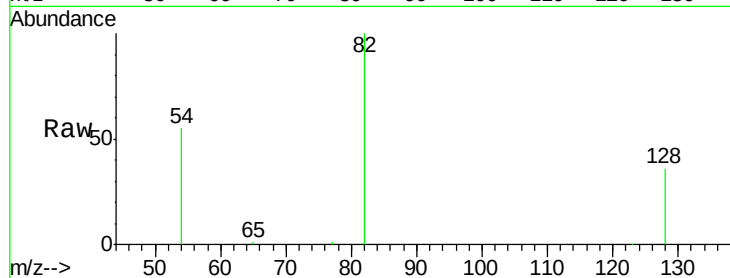
Tgt Ion: 82 Resp: 23645

Ion Ratio Lower Upper

82 100

128 35.7 28.0 42.0

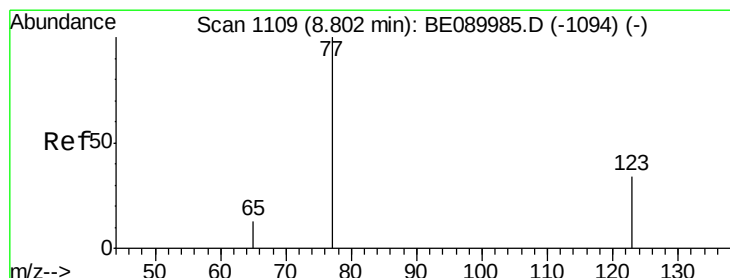
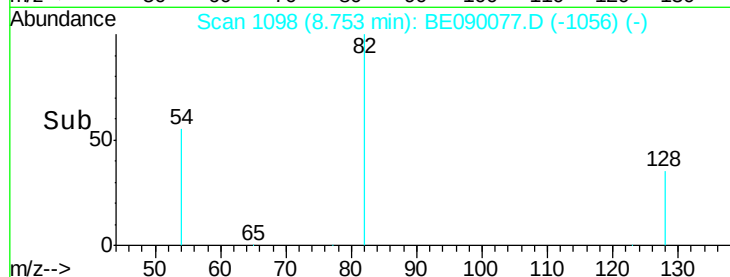
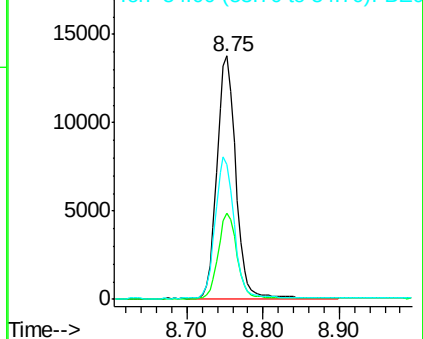
54 55.1 47.6 71.4



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#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

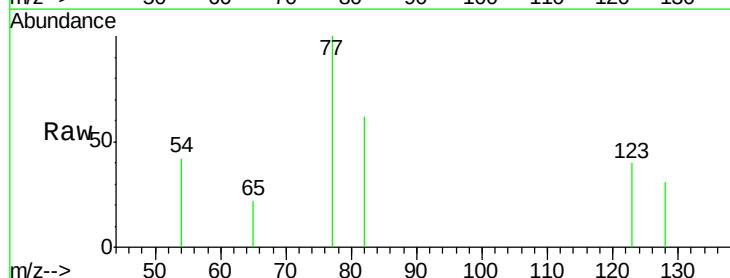
Tgt Ion: 77 Resp: 748

Ion Ratio Lower Upper

77 100

123 36.6 27.4 41.0

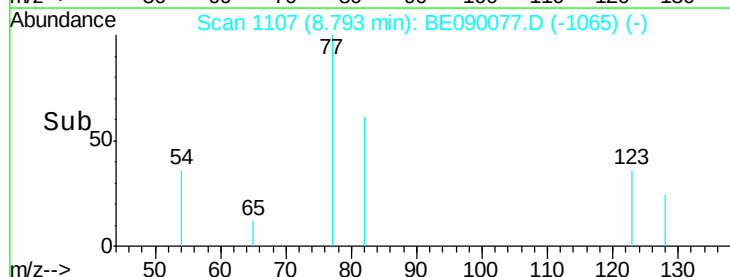
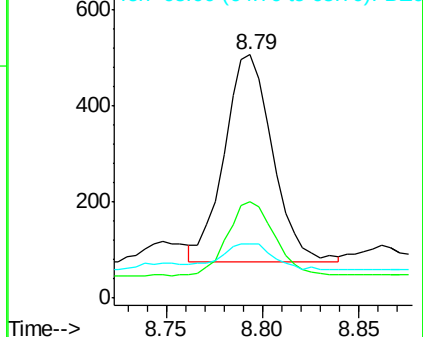
65 13.4 10.6 15.8

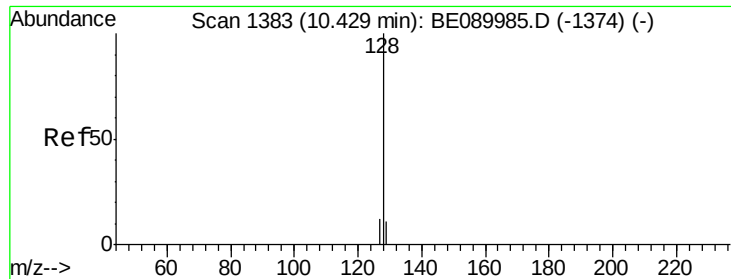


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#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

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

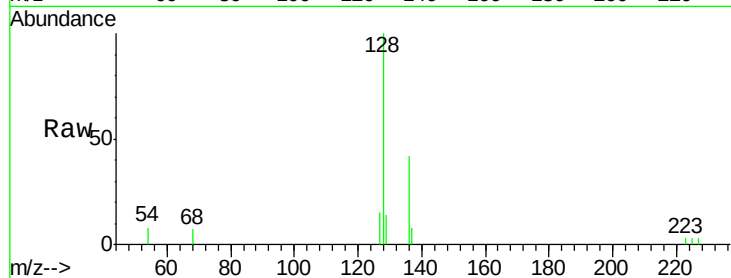
Tgt Ion:128 Resp: 2167

Ion Ratio Lower Upper

128 100

129 14.1 9.3 13.9#

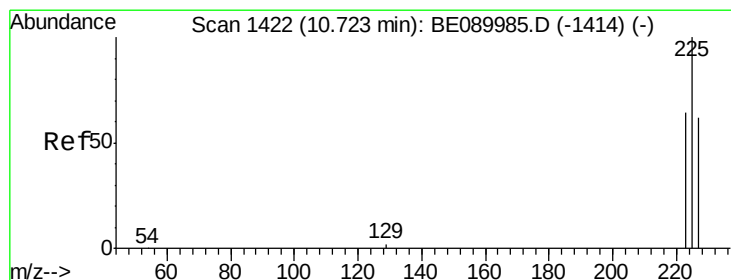
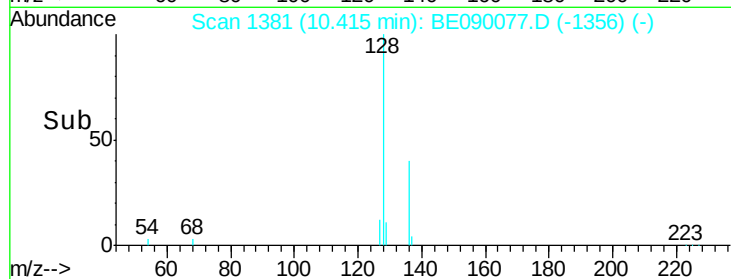
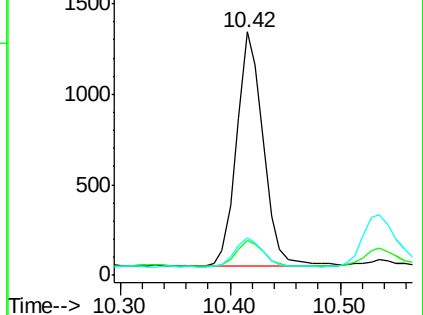
127 15.4 10.2 15.4#



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



#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

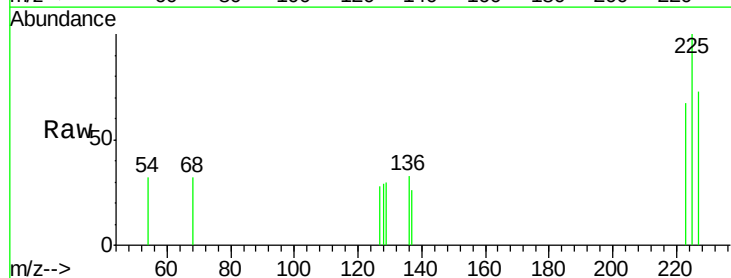
Tgt Ion:225 Resp: 244

Ion Ratio Lower Upper

225 100

223 63.9 50.1 75.1

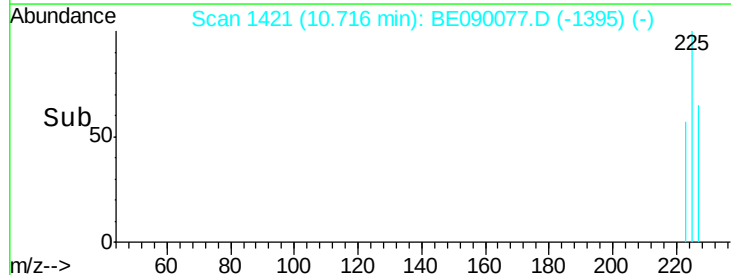
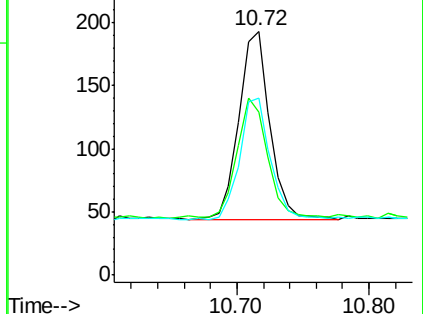
227 63.9 50.9 76.3

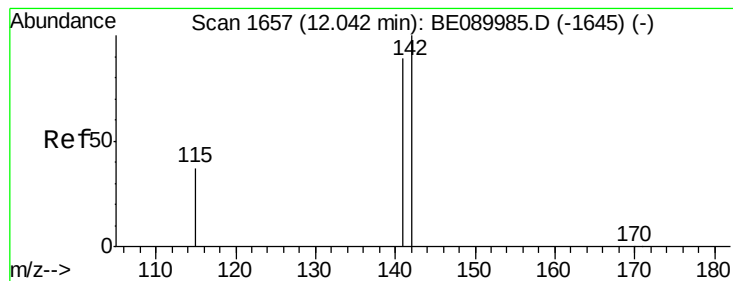


Abundance Ion 225.00 (224.70 to 225.70): E

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

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

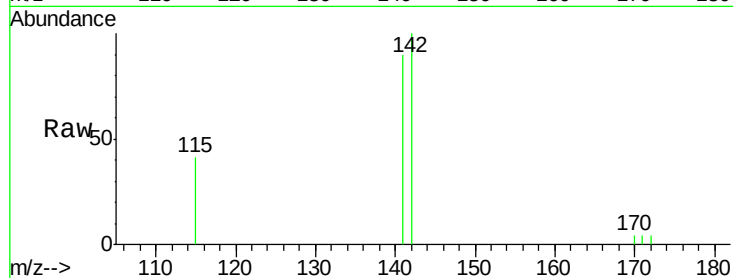
Tgt Ion:142 Resp: 1775

Ion Ratio Lower Upper

142 100

141 90.2 71.3 106.9

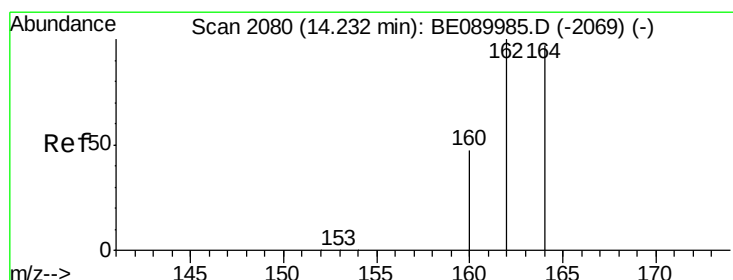
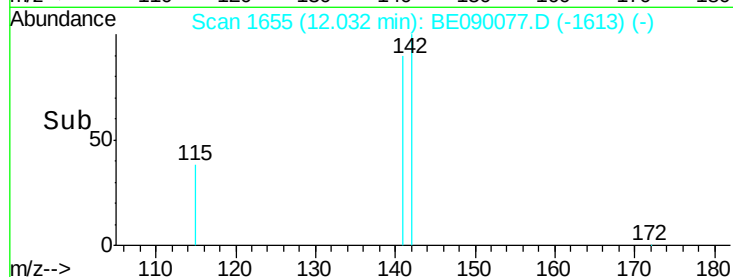
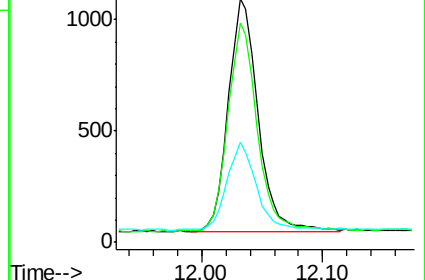
115 41.2 30.4 45.6



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

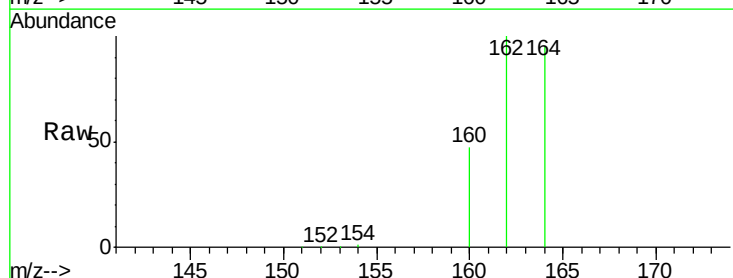
Tgt Ion:164 Resp: 36141

Ion Ratio Lower Upper

164 100

162 105.1 82.2 123.4

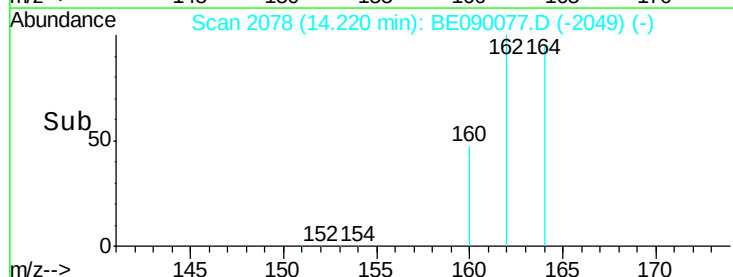
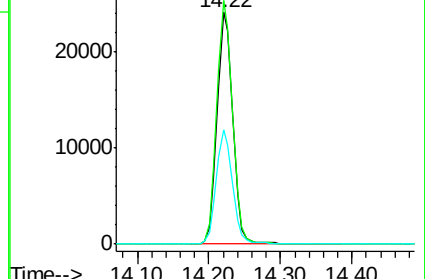
160 49.6 39.0 58.6

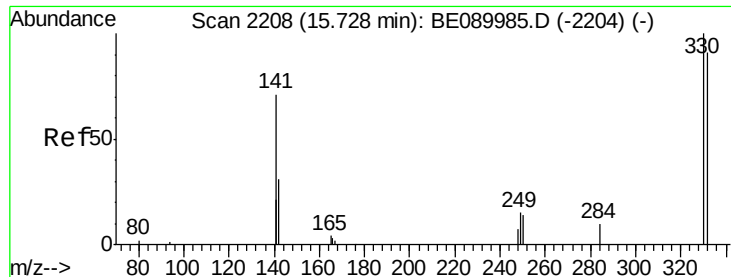


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

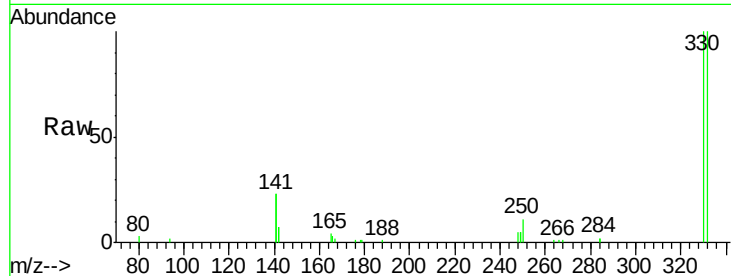




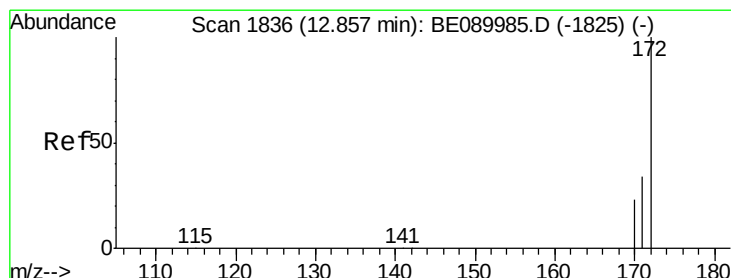
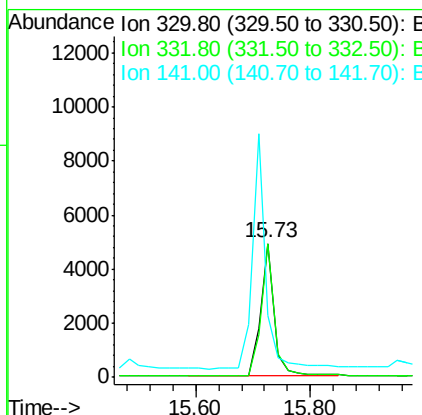
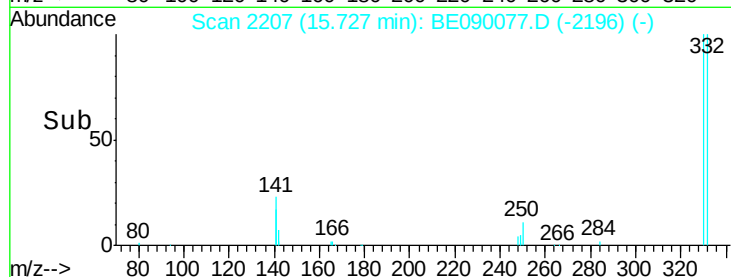
#13
 2,4,6-Tribromophenol
 Concen: 7.94 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090077.D
 Acq: 9 Jul 2015 17:31

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0820624-150626RE

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

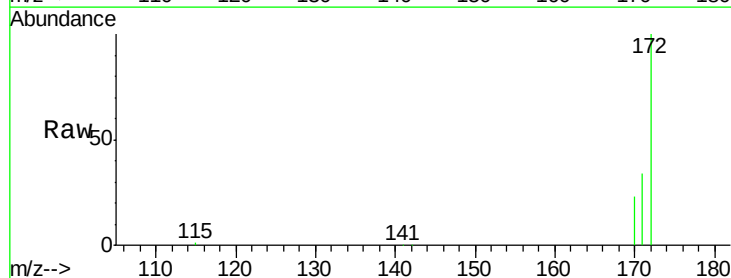


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

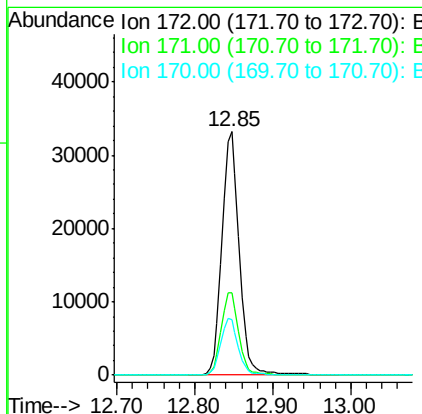
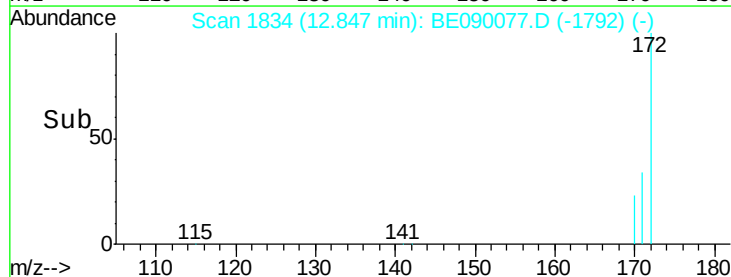


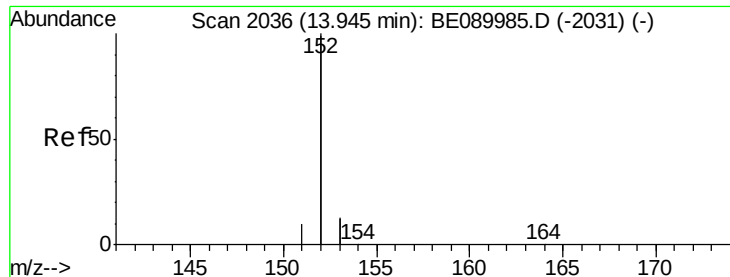
#14
 2-Fluorobiphenyl
 Concen: 4.67 ng
 RT: 12.85 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BE090077.D
 Acq: 9 Jul 2015 17:31

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



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 0.22 ng

RT: 13.94 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BE090077.D

Acq: 9 Jul 2015 17:31

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

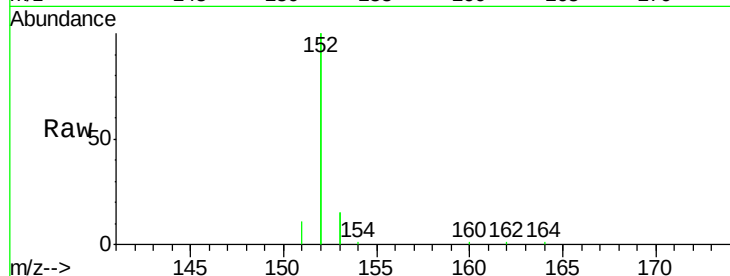
Tgt Ion:152 Resp: 14110

Ion Ratio Lower Upper

152 100

151 4.9 3.9 5.9

153 12.9 10.4 15.6



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

12000

10000

8000

6000

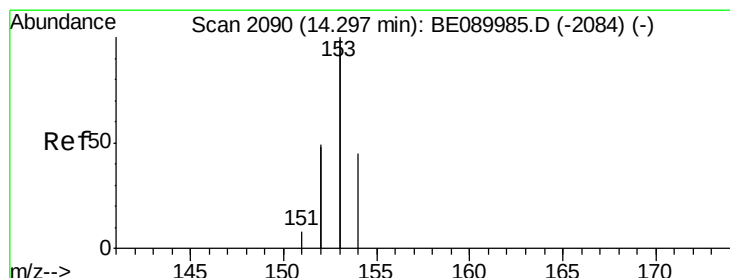
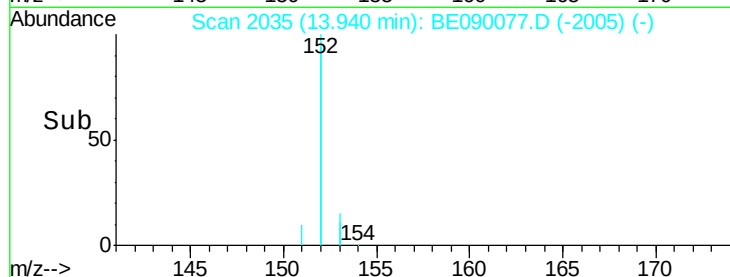
4000

2000

0

13.80 13.90 14.00 14.10

Time-->



#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

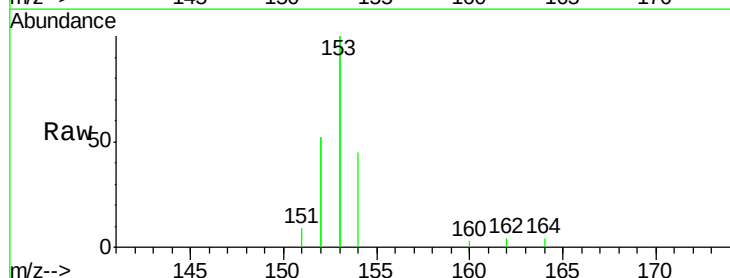
Tgt Ion:154 Resp: 2053

Ion Ratio Lower Upper

154 100

153 453.9 358.6 538.0

152 239.5 189.6 284.4



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

8000

6000

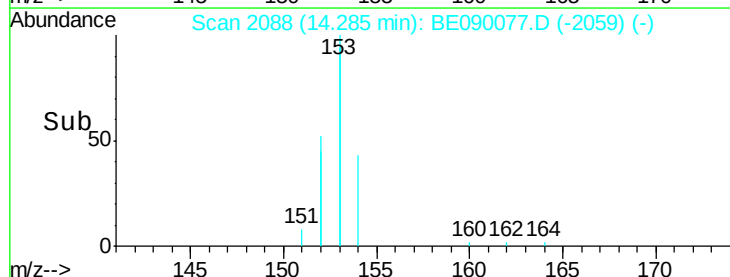
4000

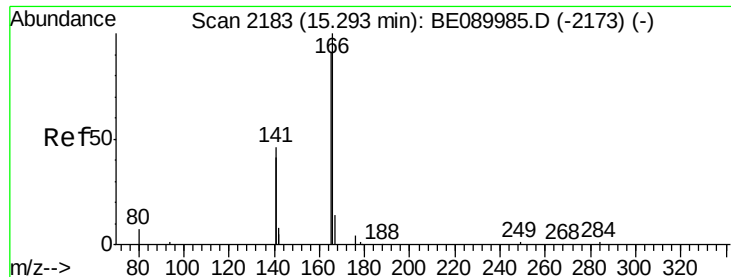
2000

0

14.20 14.30 14.40

Time-->

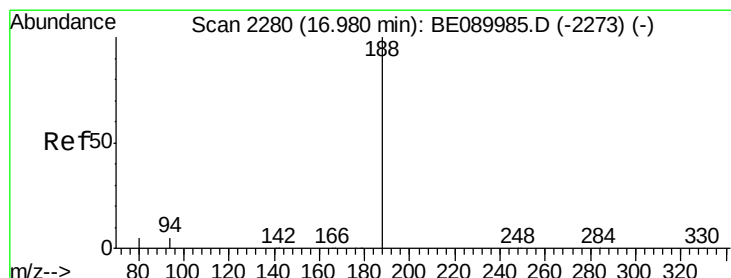
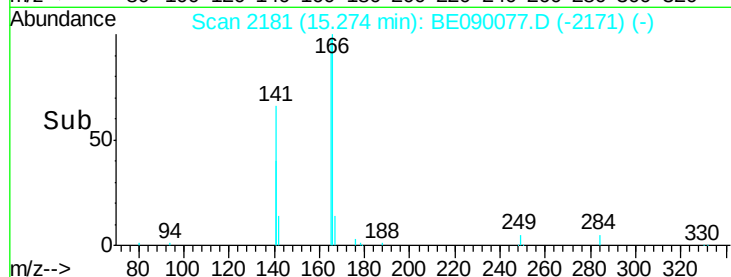
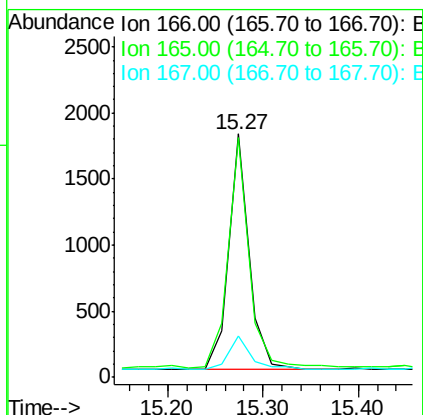
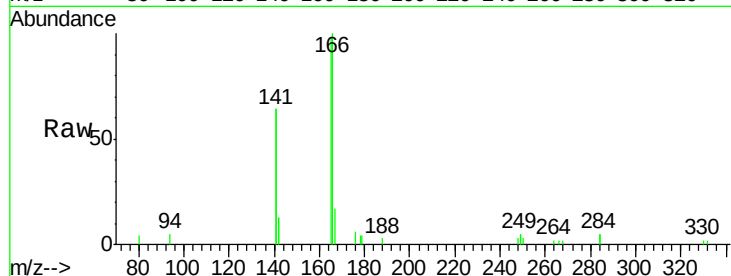




#17
Fluorene
 Concen: 0.21 ng
 RT: 15.27 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BE090077.D
 Acq: 9 Jul 2015 17:31

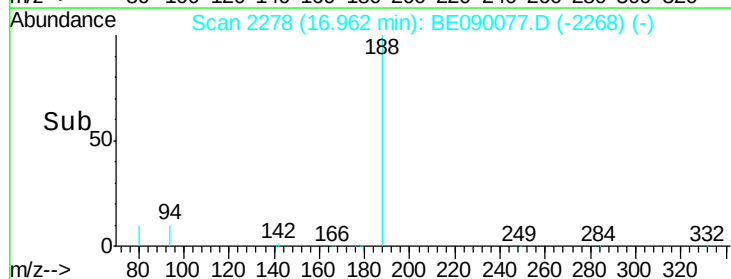
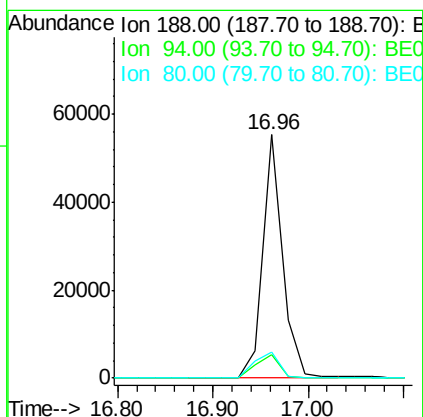
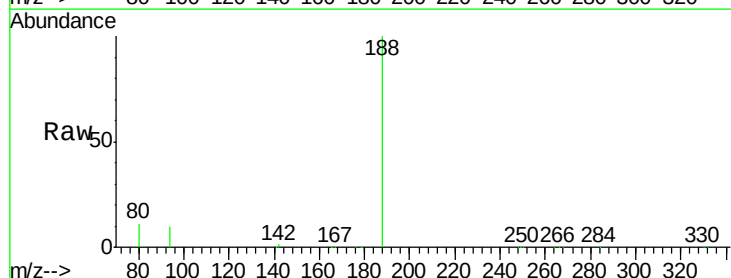
Instrument :
 BNA_E
 ClientSampleId :
 X1SS0820624-150626RE

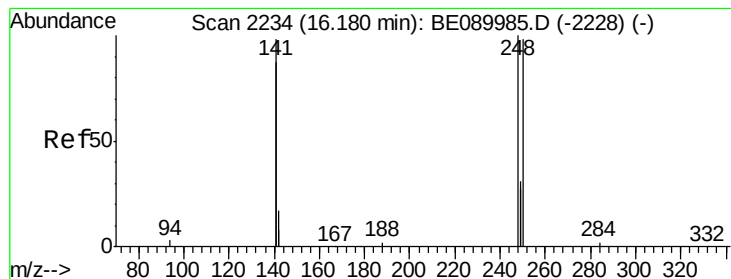
Tgt Ion:166 Resp: 2648
 Ion Ratio Lower Upper
 166 100
 165 107.3 79.0 118.6
 167 19.7 11.8 17.8#



#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

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

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

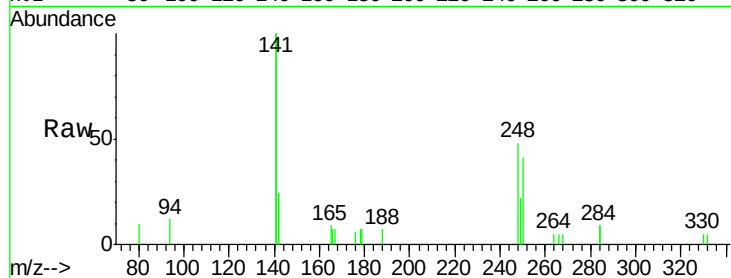
Tgt Ion:248 Resp: 741

Ion Ratio Lower Upper

248 100

250 100.3 78.3 117.5

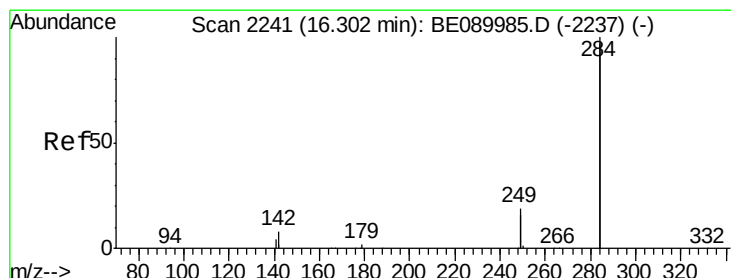
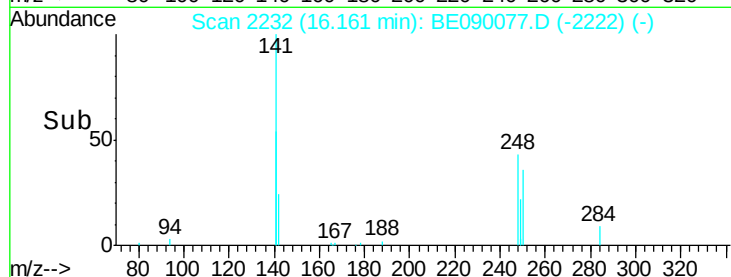
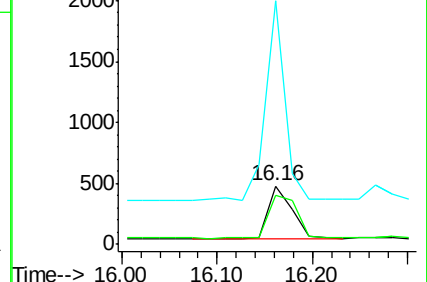
141 316.3 248.1 372.1



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: 0.22 ng

RT: 16.28 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BE090077.D

Acq: 9 Jul 2015 17:31

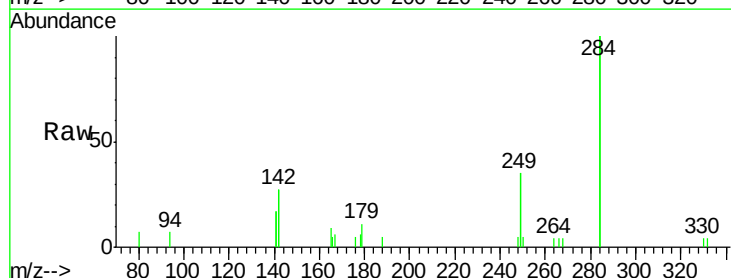
Tgt Ion:284 Resp: 3138

Ion Ratio Lower Upper

284 100

142 39.7 32.6 49.0

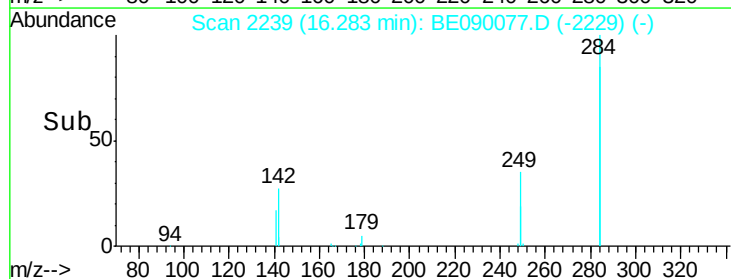
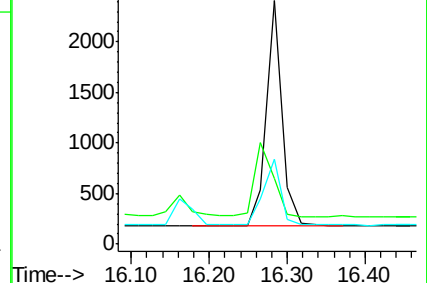
249 34.1 25.5 38.3

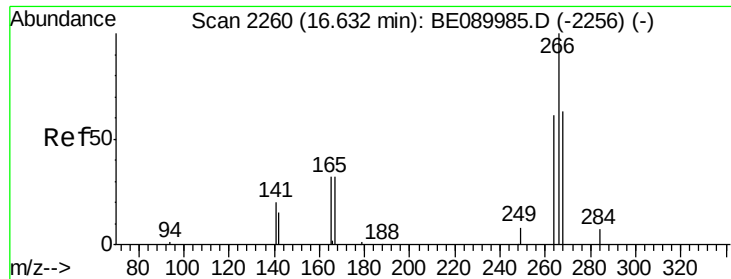


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

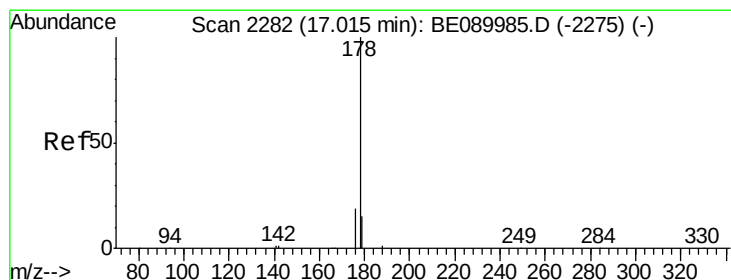
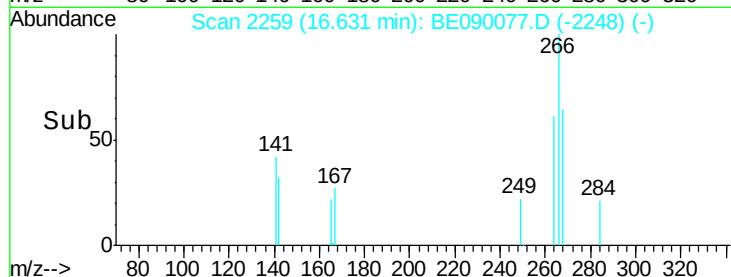
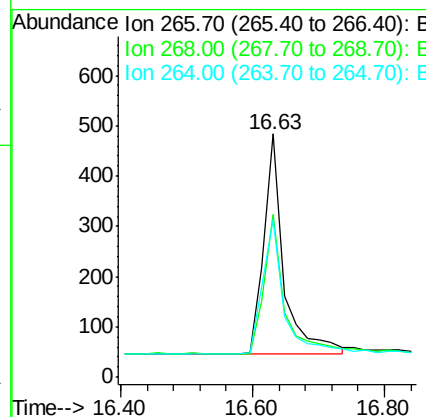
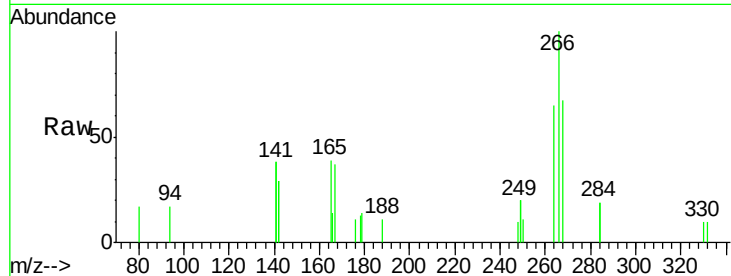




#21
 Pentachlorophenol
 Concen: 0.76 ng
 RT: 16.63 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BE090077.D
 Acq: 9 Jul 2015 17:31

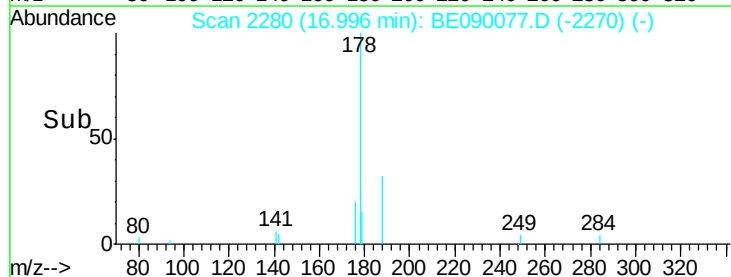
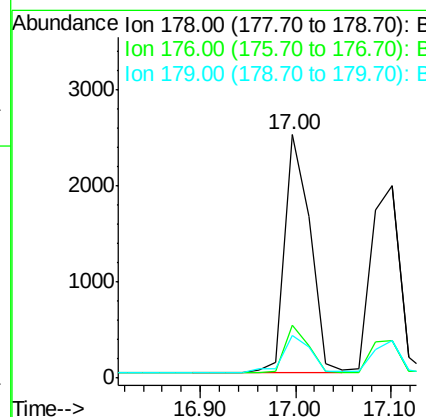
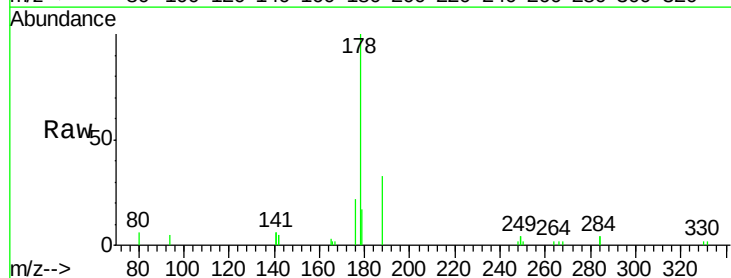
Instrument :
 BNA_E
 ClientSampleId :
 X1SS0820624-150626RE

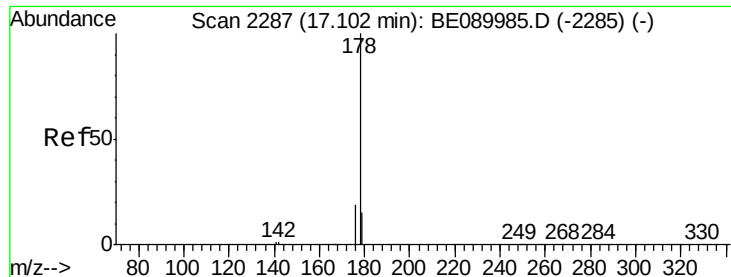
Tgt Ion:266 Resp: 934
 Ion Ratio Lower Upper
 266 100
 268 67.1 51.8 77.8
 264 64.7 50.2 75.2



#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

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





#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

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

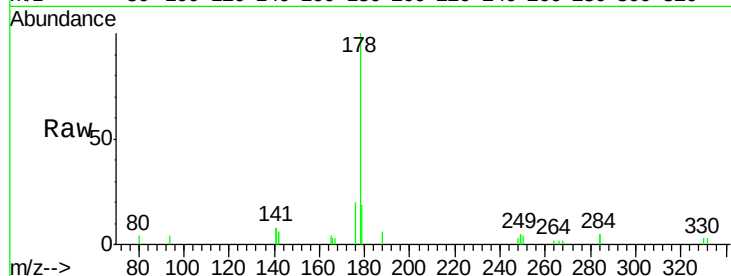
Tgt Ion:178 Resp: 4060

Ion Ratio Lower Upper

178 100

176 18.2 14.7 22.1

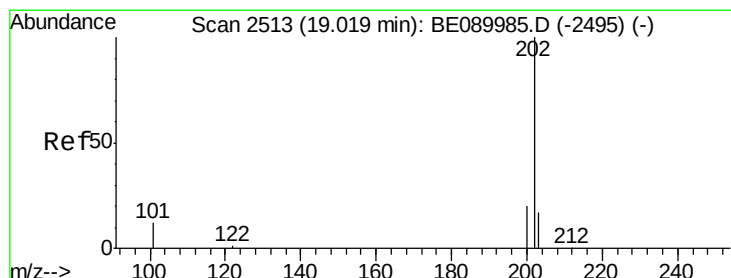
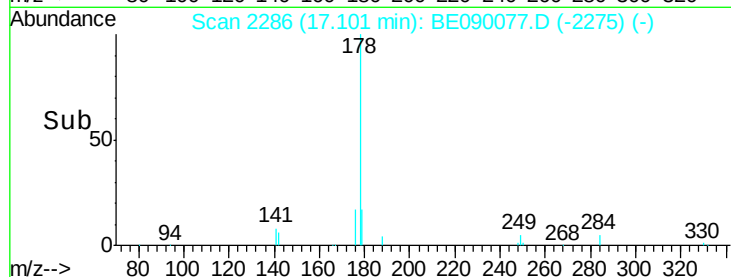
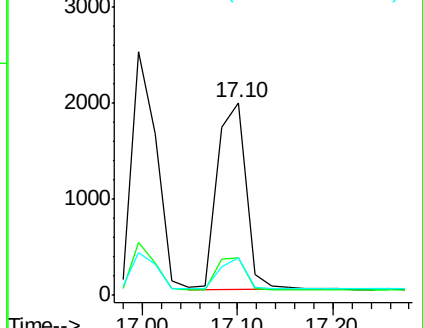
179 15.4 12.1 18.1



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

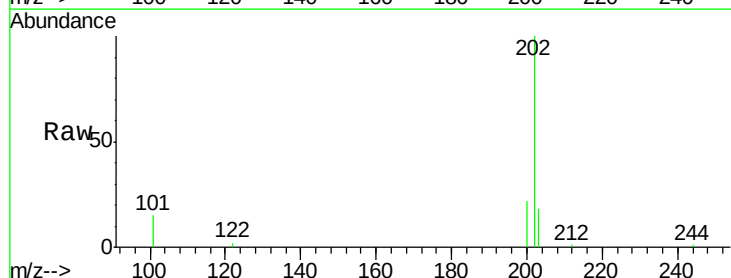
Tgt Ion:202 Resp: 4889

Ion Ratio Lower Upper

202 100

101 13.0 10.6 15.8

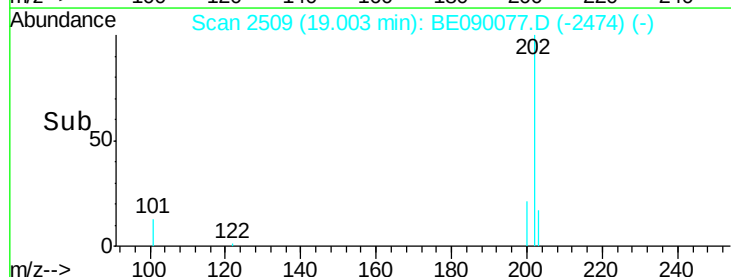
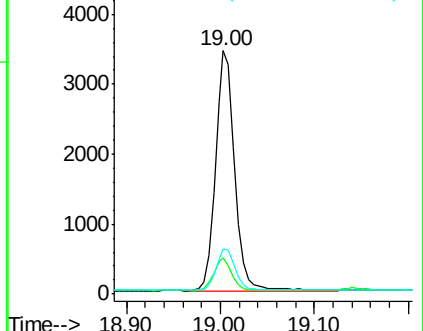
203 17.1 13.8 20.6

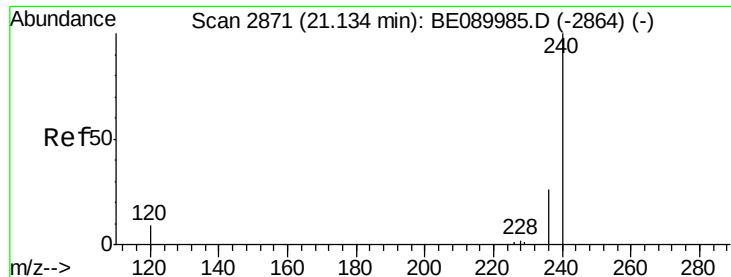


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.12 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BE090077.D

Acq: 9 Jul 2015 17:31

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

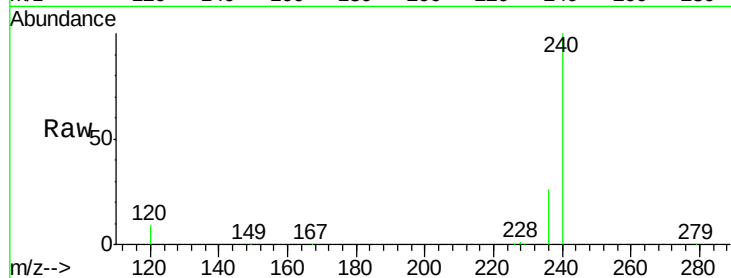
Tgt Ion:240 Resp: 86278

Ion Ratio Lower Upper

240 100

120 8.8 6.9 10.3

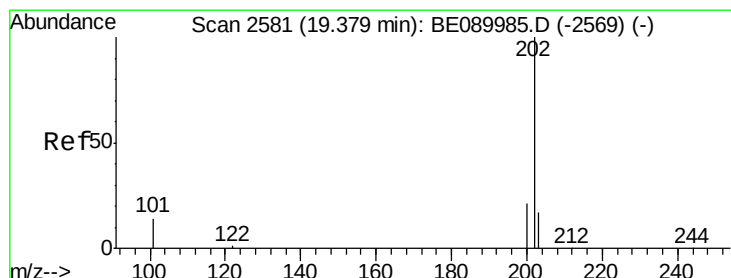
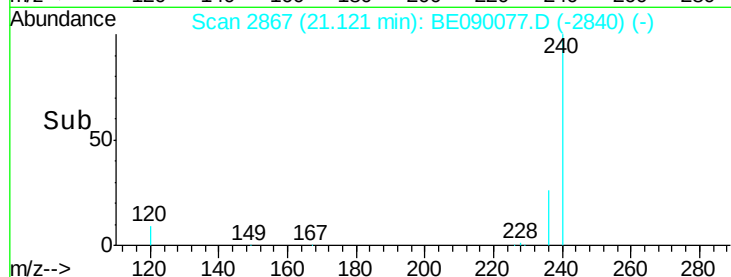
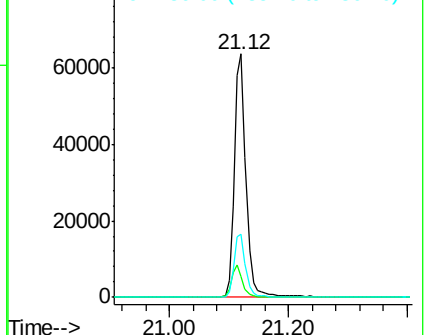
236 26.0 20.8 31.2



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: 0.25 ng

RT: 19.36 min Scan# 2577

Delta R.T. -0.02 min

Lab File: BE090077.D

Acq: 9 Jul 2015 17:31

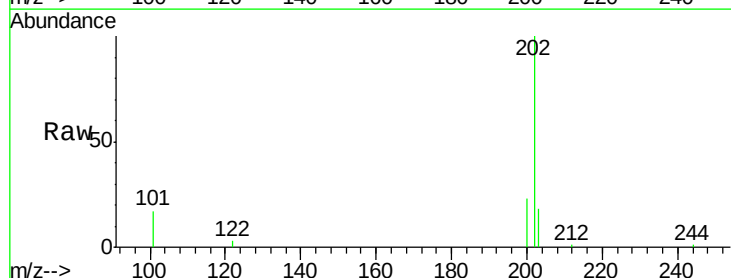
Tgt Ion:202 Resp: 5104

Ion Ratio Lower Upper

202 100

200 20.5 16.8 25.2

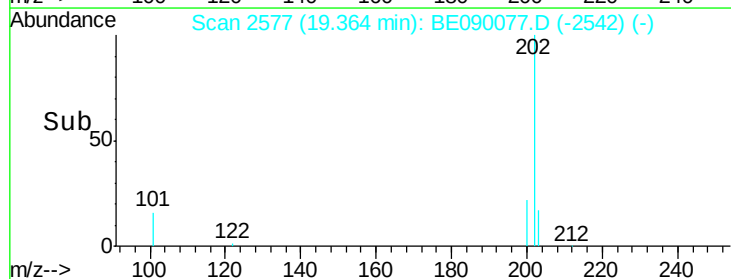
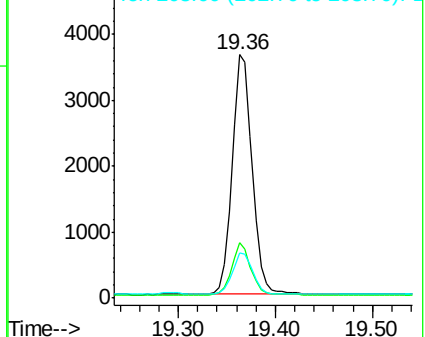
203 17.6 13.9 20.9

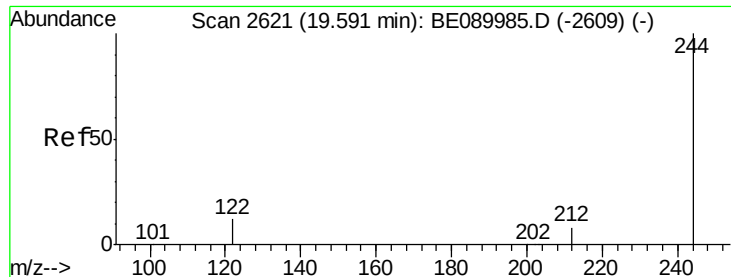


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

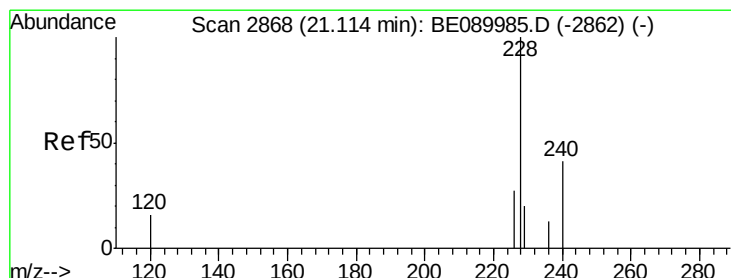
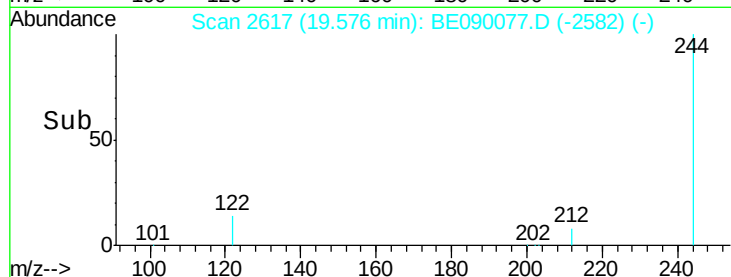
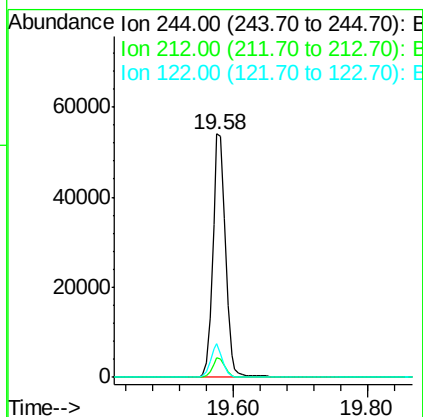
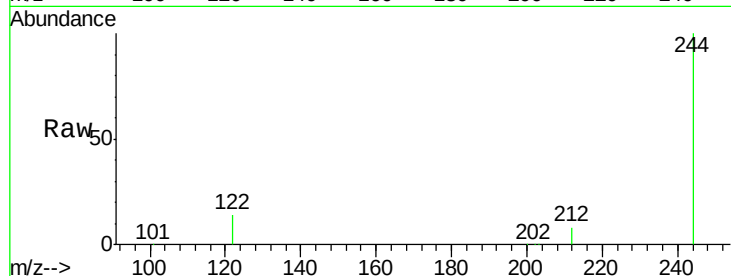




#27
 Terphenyl-d14
 Concen: 4.90 ng
 RT: 19.58 min Scan# 2617
 Delta R.T. -0.02 min
 Lab File: BE090077.D
 Acq: 9 Jul 2015 17:31

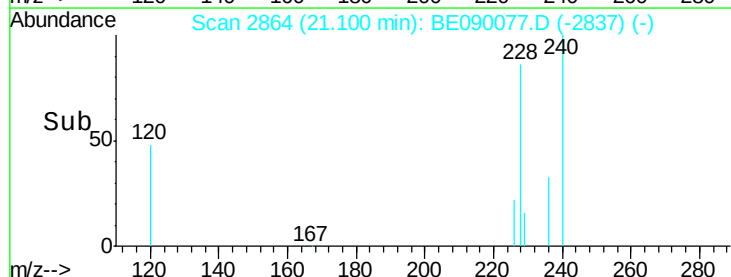
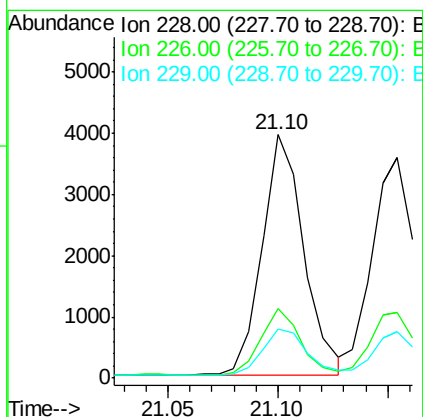
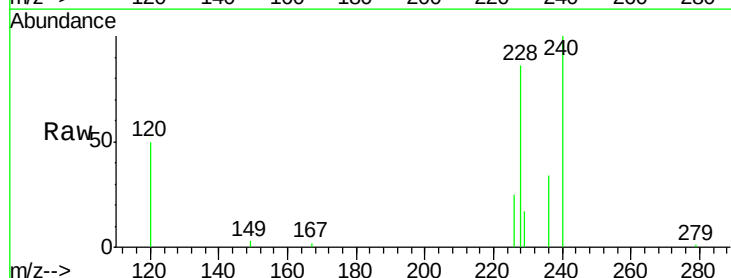
Instrument :
 BNA_E
 ClientSampleId :
 X1SS0820624-150626RE

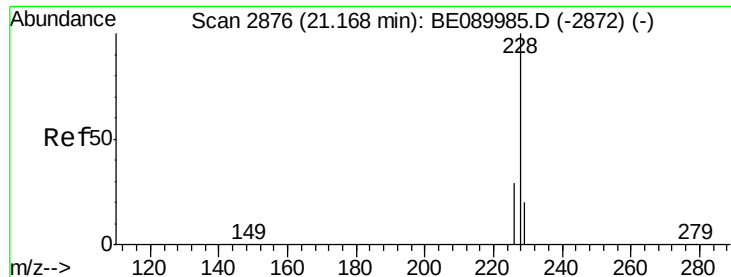
Tgt Ion:244 Resp: 70450
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 13.9 9.8 14.8



#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

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





#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

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

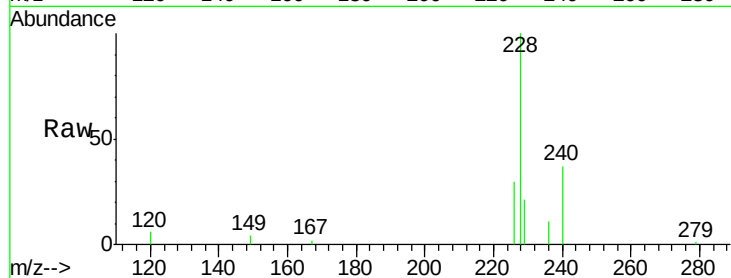
Tgt Ion: 228 Resp: 5062

Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.0

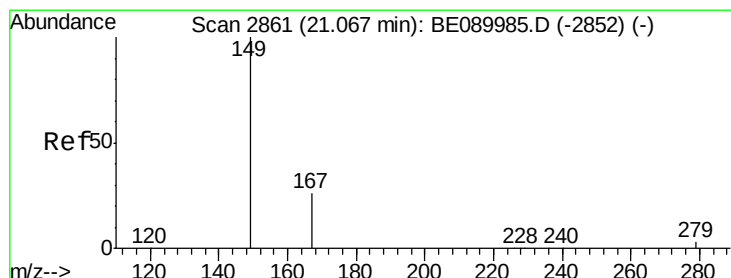
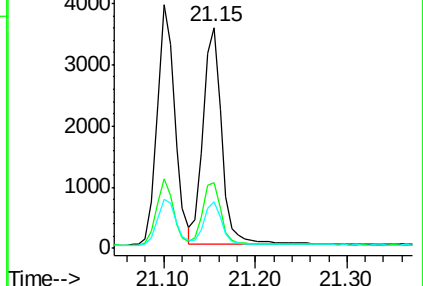
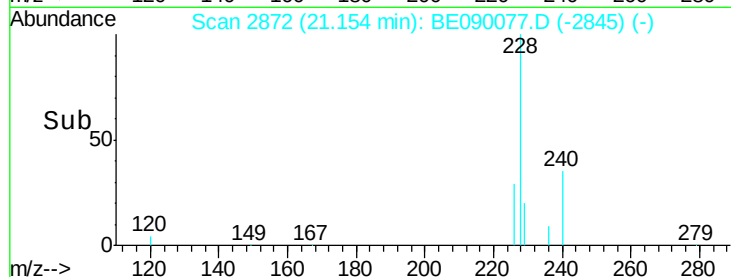
229 21.3 16.2 24.2



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

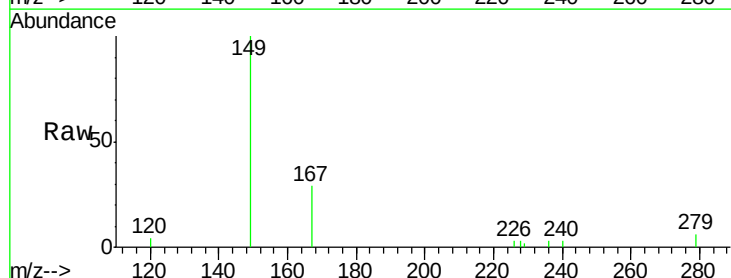
Tgt Ion: 149 Resp: 2697

Ion Ratio Lower Upper

149 100

167 24.9 20.3 30.5

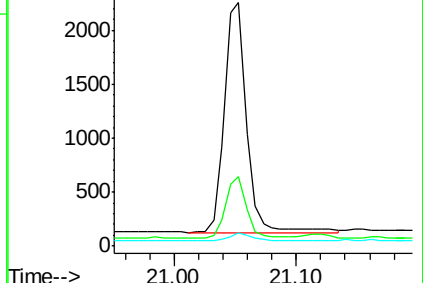
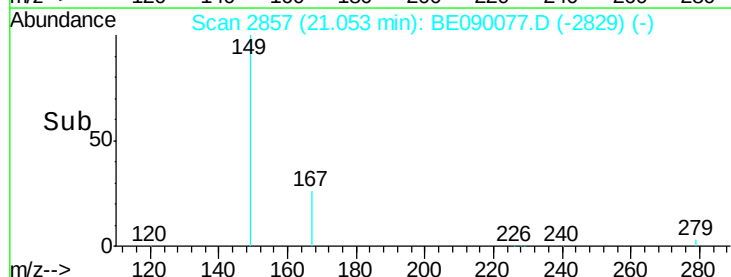
279 3.0 2.6 3.8

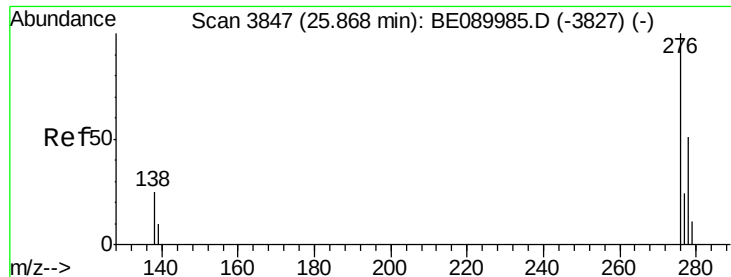


Abundance Ion 149.00 (148.70 to 149.70): E

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

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

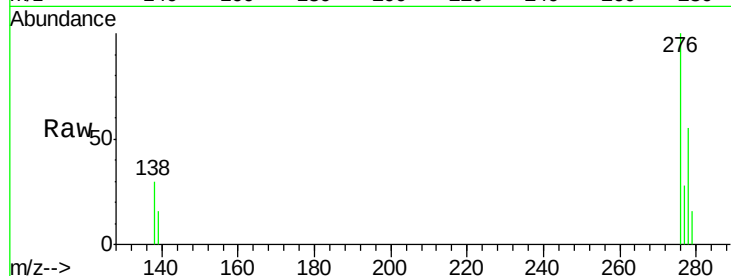
Tgt Ion:276 Resp: 5063

Ion Ratio Lower Upper

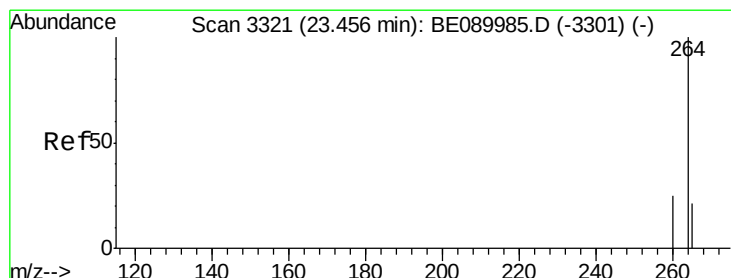
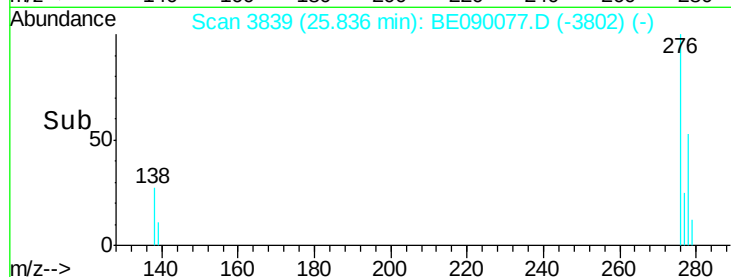
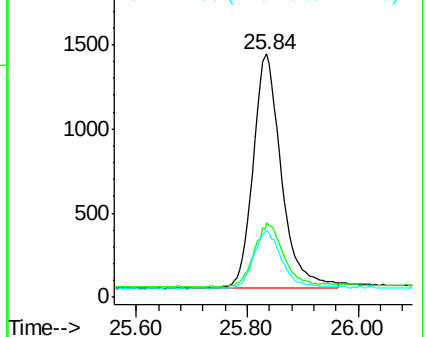
276 100

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

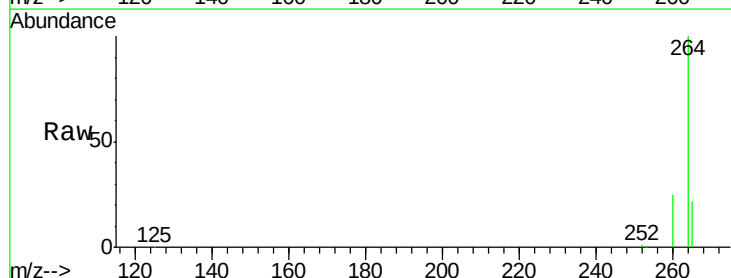
Tgt Ion:264 Resp: 78216

Ion Ratio Lower Upper

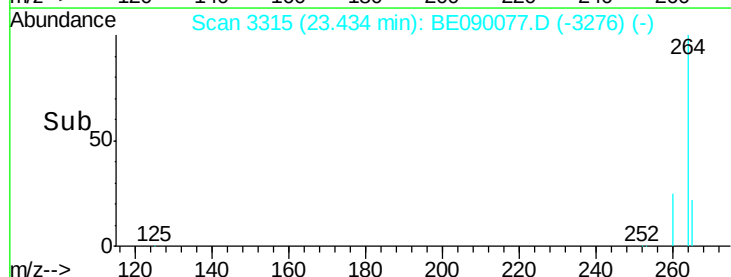
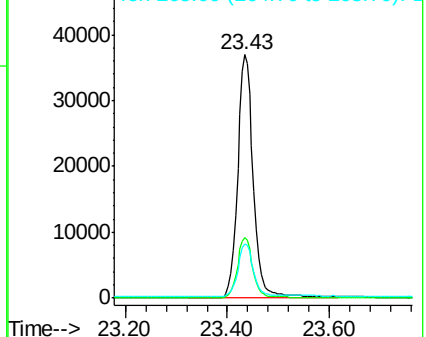
264 100

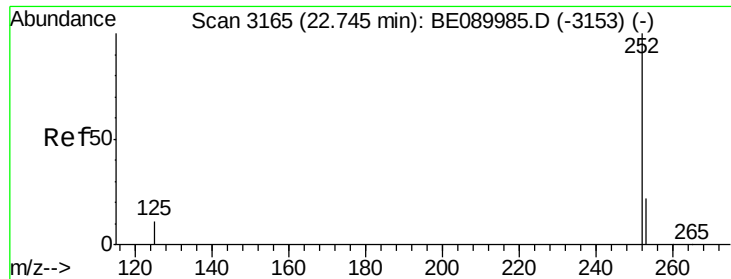
260 24.8 20.2 30.2

265 22.3 17.1 25.7



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

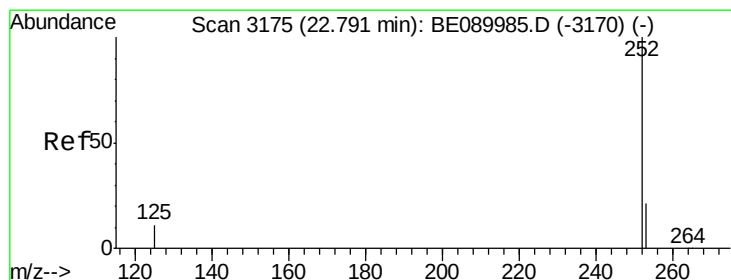
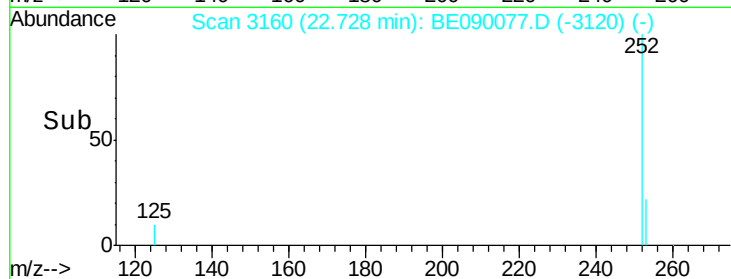
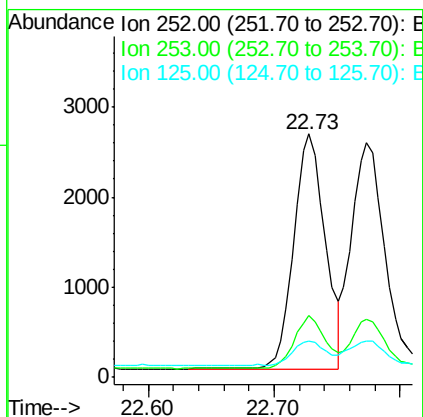
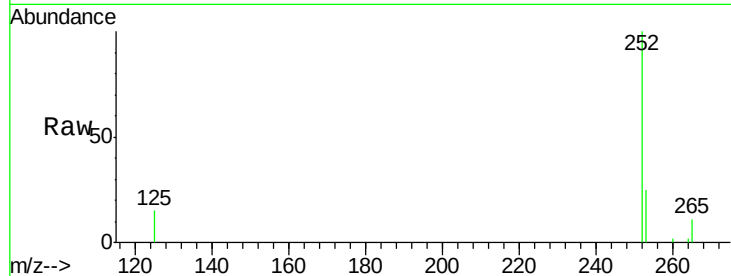




#33
Benzo(b)fluoranthene
Concen: 0.26 ng
RT: 22.73 min Scan# 3160
Delta R.T. -0.02 min
Lab File: BE090077.D
Acq: 9 Jul 2015 17:31

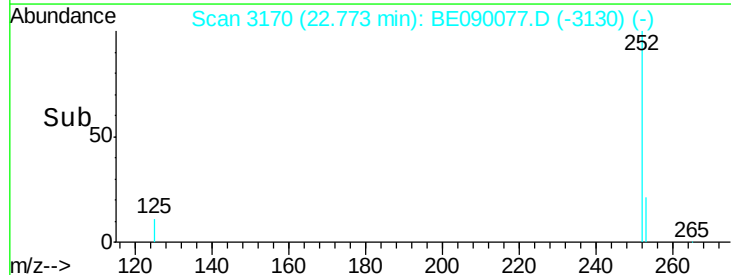
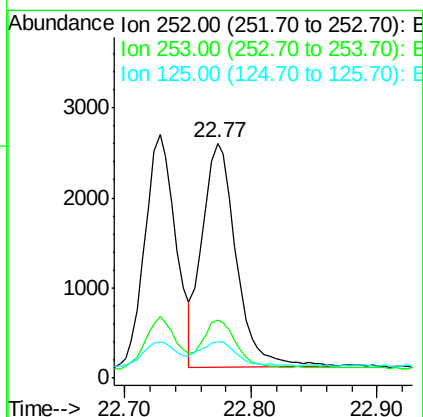
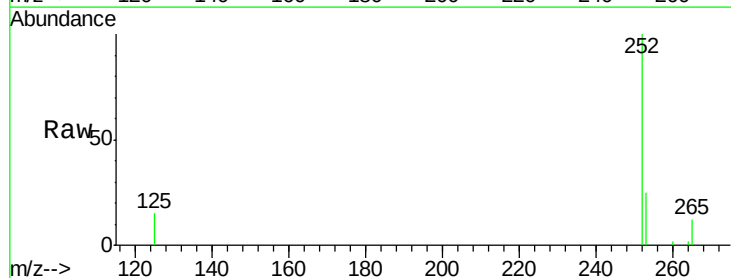
Instrument :
BNA_E
ClientSampleId :
X1SS0820624-150626RE

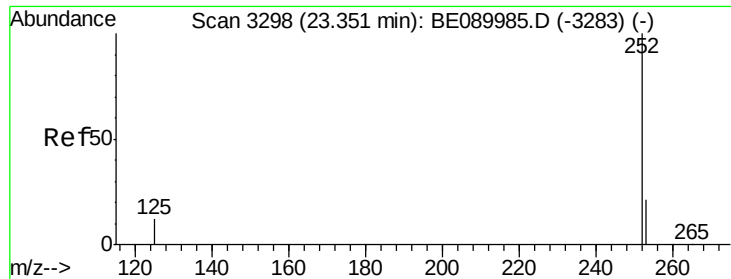
Tgt Ion: 252 Resp: 4510
Ion Ratio Lower Upper
252 100
253 25.3 17.8 26.8
125 14.8 9.0 13.4#



#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

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

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

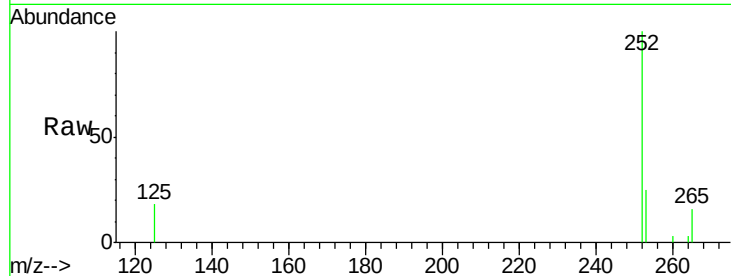
Tgt Ion:252 Resp: 4114

Ion Ratio Lower Upper

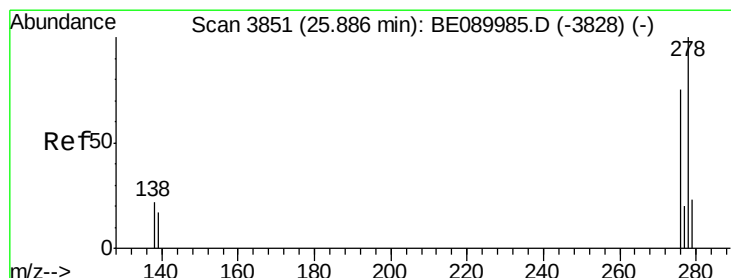
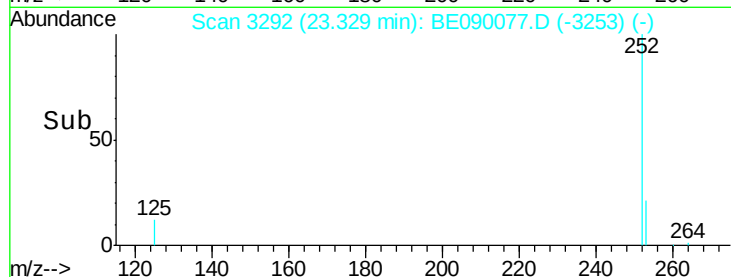
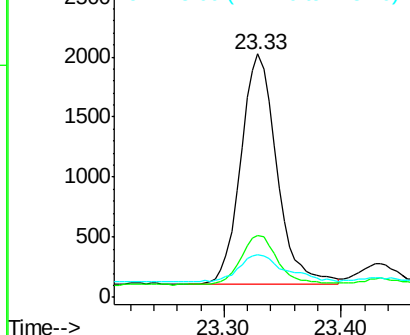
252 100

253 25.2 17.4 26.2

125 17.6 10.5 15.7#



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: 0.24 ng

RT: 25.85 min Scan# 3843

Delta R.T. -0.03 min

Lab File: BE090077.D

Acq: 9 Jul 2015 17:31

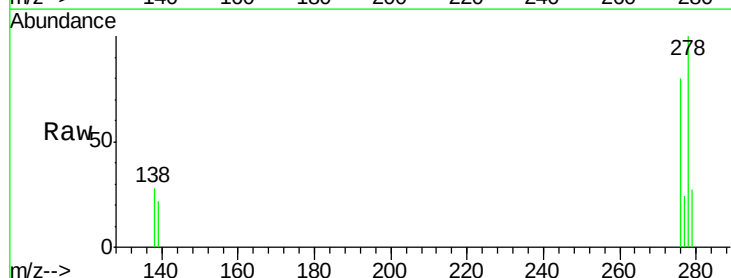
Tgt Ion:278 Resp: 4005

Ion Ratio Lower Upper

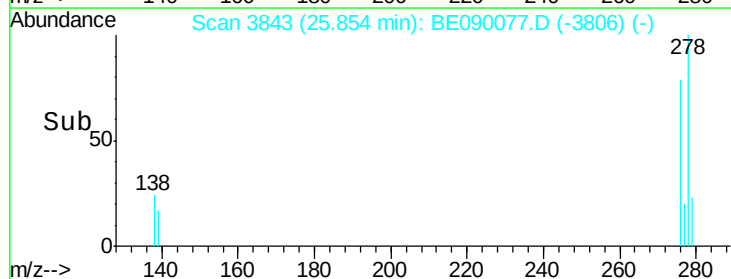
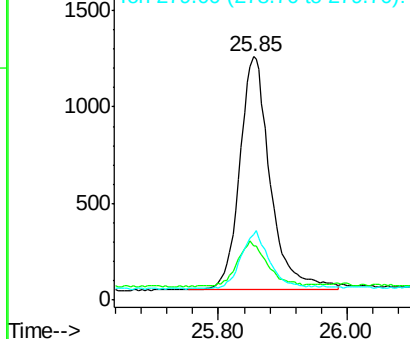
278 100

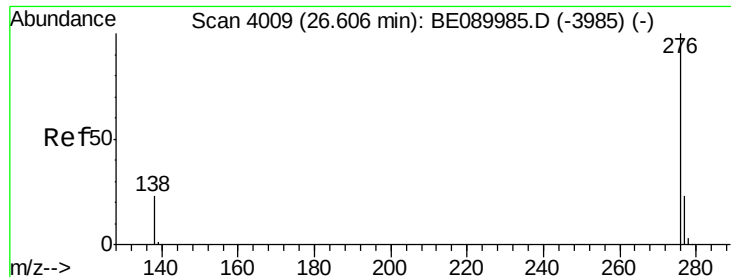
139 22.2 14.4 21.6#

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

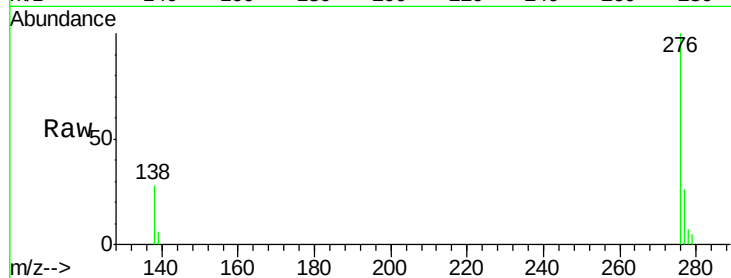
Acq: 9 Jul 2015 17:31

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE



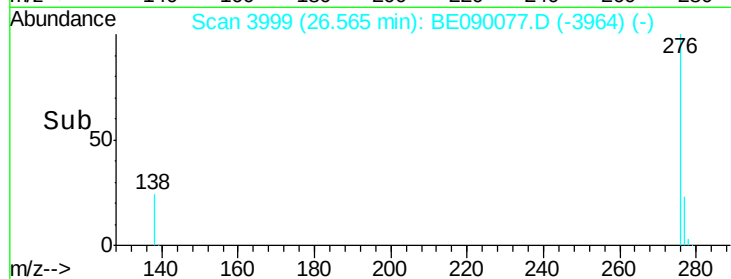
Tgt Ion: 276 Resp: 4261

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

