

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071015\
 Data File : BE090082.D
 Acq On : 10 Jul 2015 14:28
 Operator : TP/IZ
 Sample : G2824-14RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 X1SS0820624-150626RE

Quant Time: Jul 10 23:13:39 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	13511	5.00	ng	0.00
6) Naphthalene-d8	10.37	136	53083	5.00	ng	-0.01
12) Acenaphthene-d10	14.22	164	27991	5.00	ng	-0.01
18) Phenanthrene-d10	16.96	188	61833	5.00	ng	-0.02
25) Chrysene-d12	21.12	240	67176	5.00	ng	-0.01
32) Perylene-d12	23.43	264	59788	5.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	24002	7.73	ng	0.00
5) Phenol-d6	6.80	99	36973	8.51	ng	0.00
7) Nitrobenzene-d5	8.75	82	22034	5.23	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	7345	8.95	ng	0.00
14) 2-Fluorobiphenyl	12.85	172	48210	5.73	ng	0.00
27) Terphenyl-d14	19.58	244	68105	6.09	ng	-0.02

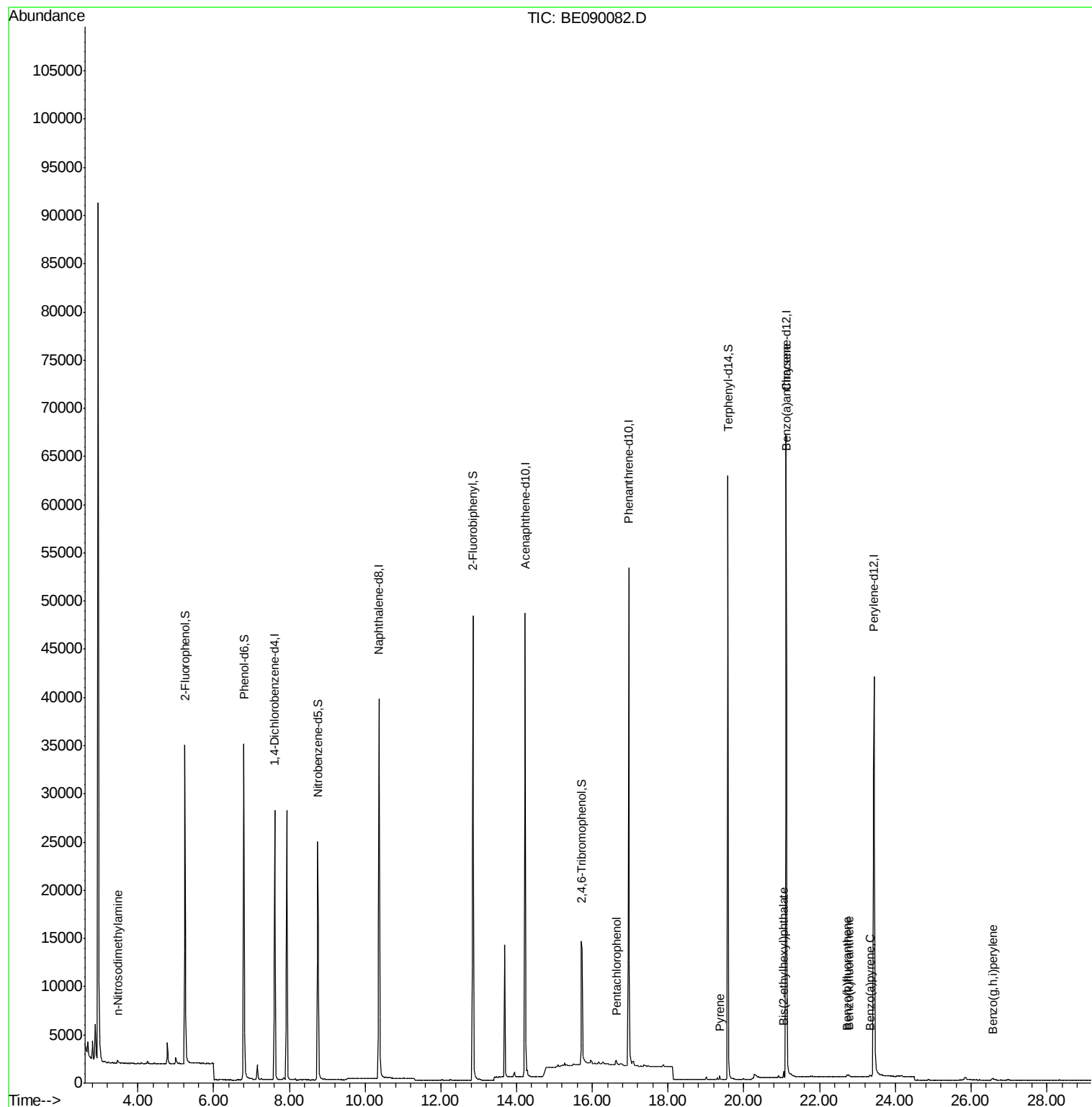
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.46	42	108	0.04	ng	# 1
21) Pentachlorophenol	16.63	266	398	0.53	ng	88
26) Pyrene	19.37	202	325	0.02	ng	# 92
28) Benzo(a)anthracene	21.11	228	489	0.03	ng	# 79
30) Bis(2-ethylhexyl)phthalate	21.05	149	633	0.38	ng	# 99
33) Benzo(b)fluoranthene	22.73	252	291	0.02	ng	# 25
34) Benzo(k)fluoranthene	22.78	252	295	0.02	ng	# 17
35) Benzo(a)pyrene	23.33	252	258	0.02	ng	# 6
37) Benzo(g,h,i)perylene	26.57	276	309	0.02	ng	# 37

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

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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: BE090082.D

Acq: 10 Jul 2015 14:28

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

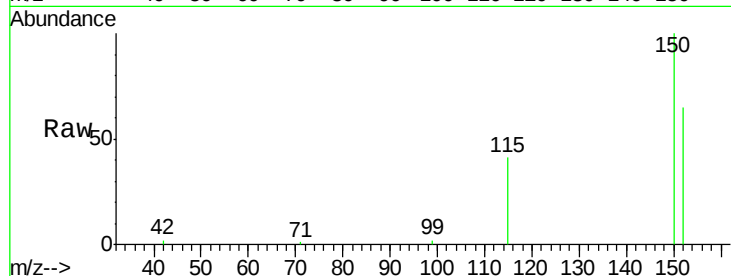
Tgt Ion:152 Resp: 13511

Ion Ratio Lower Upper

152 100

150 154.8 123.9 185.9

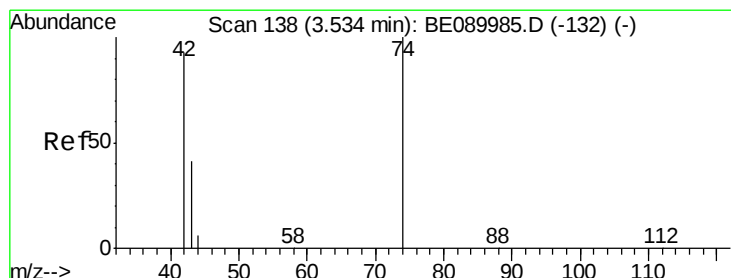
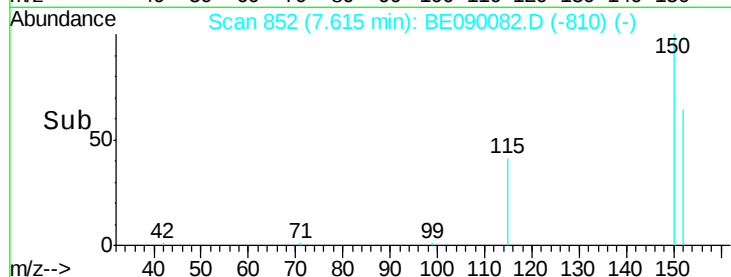
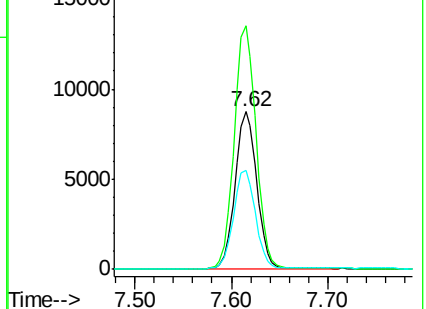
115 63.2 50.6 76.0



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



#3

n-Nitrosodimethylamine

Concen: 0.04 ng

RT: 3.46 min Scan# 127

Delta R.T. -0.07 min

Lab File: BE090082.D

Acq: 10 Jul 2015 14:28

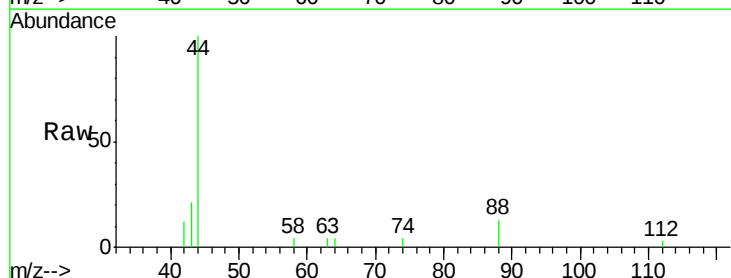
Tgt Ion: 42 Resp: 108

Ion Ratio Lower Upper

42 100

74 0.0 89.4 134.2#

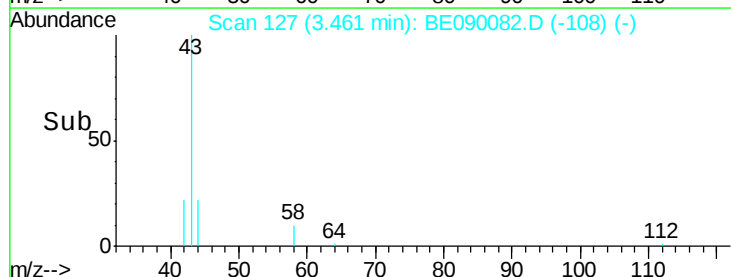
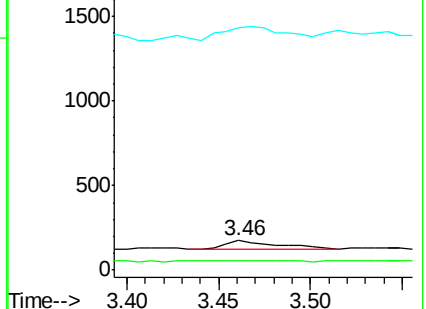
44 193.5 6.9 10.3#

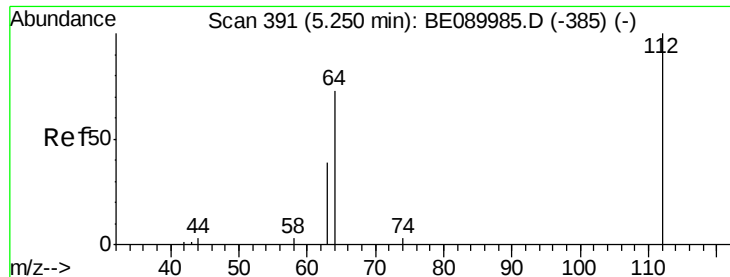


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 7.73 ng

RT: 5.24 min Scan# 390

Delta R.T. -0.01 min

Lab File: BE090082.D

Acq: 10 Jul 2015 14:28

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

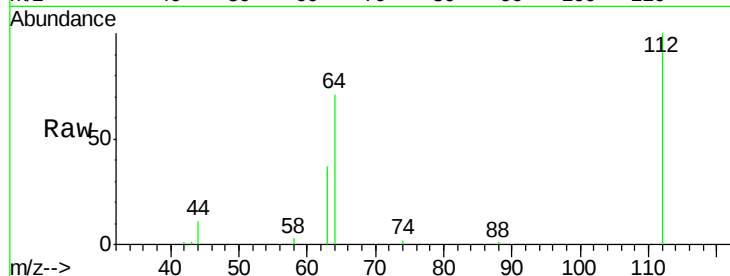
Tgt Ion: 112 Resp: 24002

Ion Ratio Lower Upper

112 100

64 70.0 56.3 84.5

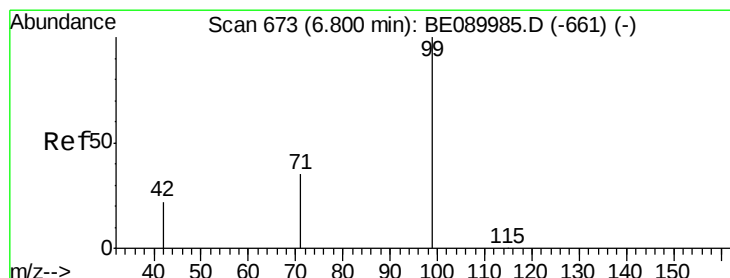
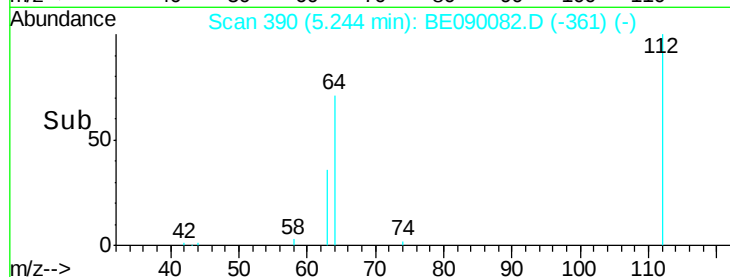
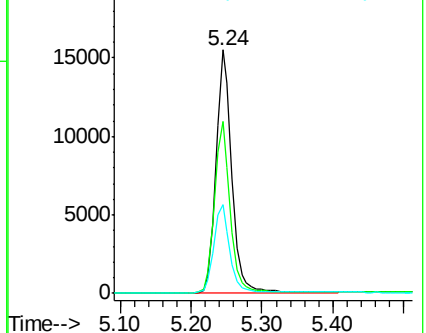
63 36.6 29.8 44.6



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: 8.51 ng

RT: 6.80 min Scan# 672

Delta R.T. -0.00 min

Lab File: BE090082.D

Acq: 10 Jul 2015 14:28

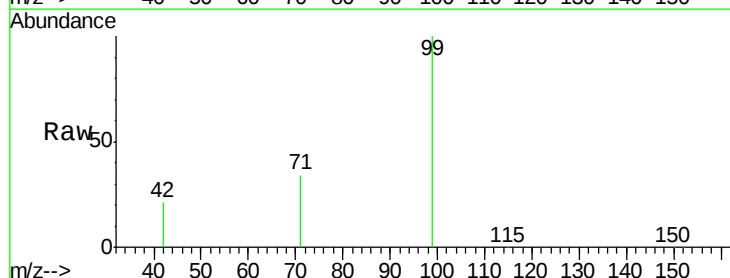
Tgt Ion: 99 Resp: 36973

Ion Ratio Lower Upper

99 100

42 20.8 18.7 28.1

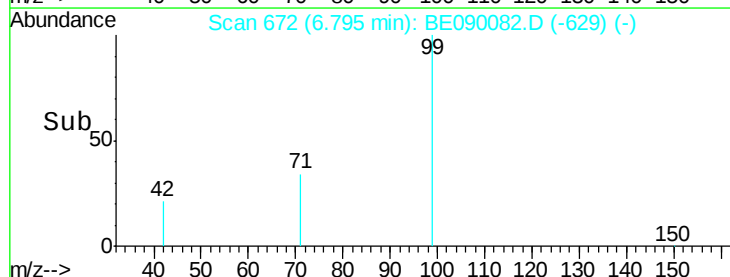
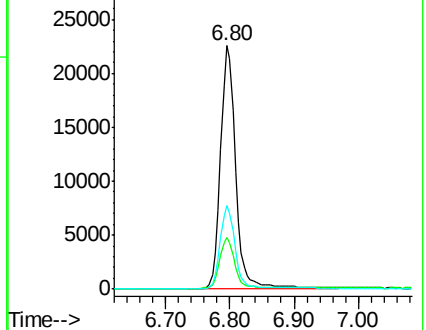
71 33.5 27.5 41.3

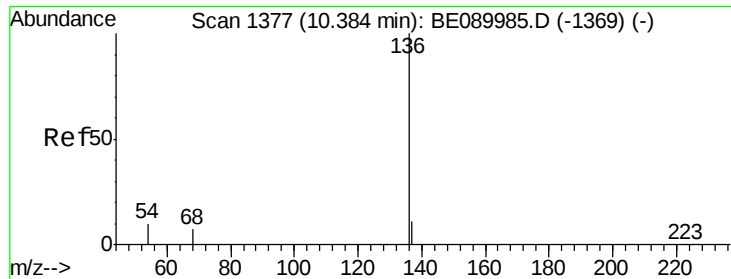


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE090082.D

Acq: 10 Jul 2015 14:28

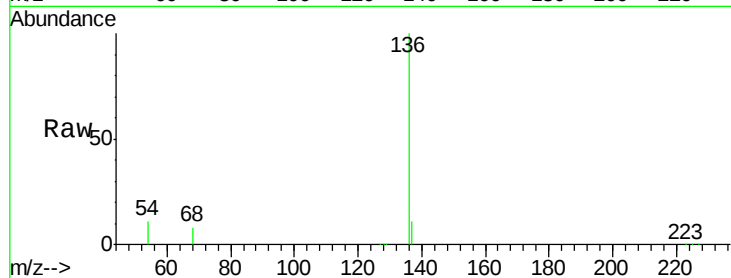
Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

Tgt Ion:	136	Resp:	53083
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	11.2	8.2	12.4
68	7.9	5.8	8.8

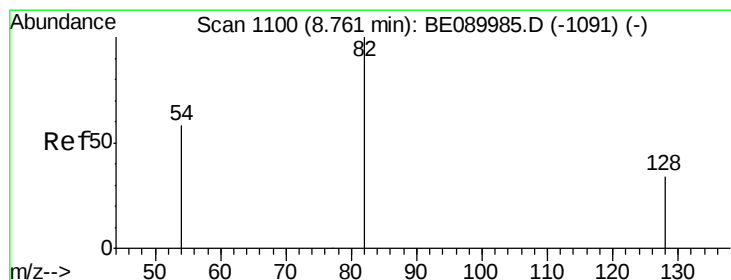
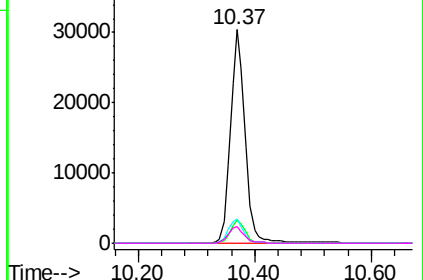
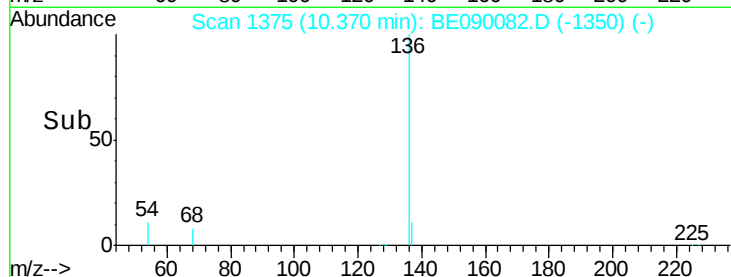


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.23 ng

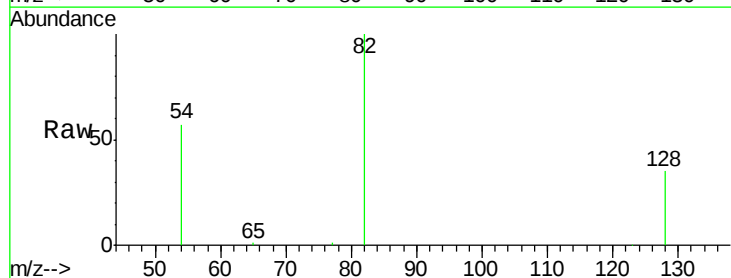
RT: 8.75 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BE090082.D

Acq: 10 Jul 2015 14:28

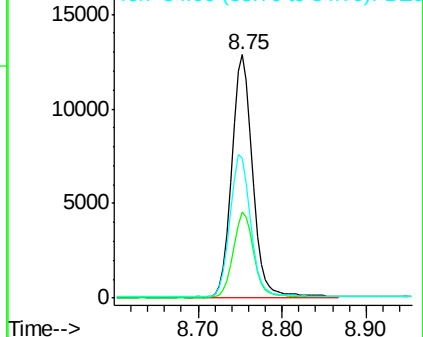
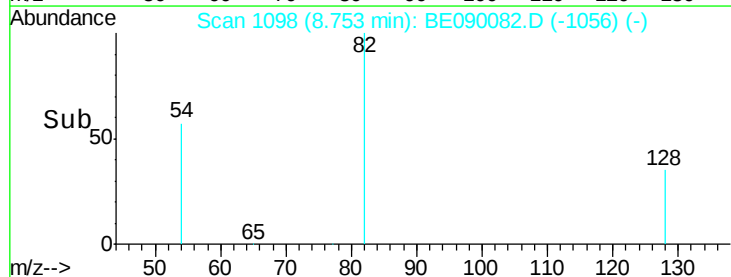
Tgt Ion:	82	Resp:	22034
Ion	Ratio	Lower	Upper
82	100		
128	35.3	28.0	42.0
54	57.3	47.6	71.4

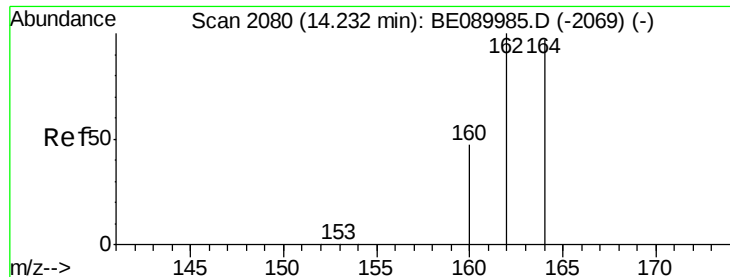


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.22 min Scan# 2078

Delta R.T. -0.01 min

Lab File: BE090082.D

Acq: 10 Jul 2015 14:28

Instrument :

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ClientSampleId :

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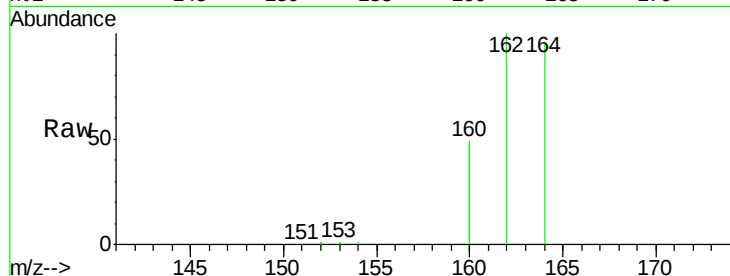
Tgt Ion:164 Resp: 27991

Ion Ratio Lower Upper

164 100

162 105.8 82.2 123.4

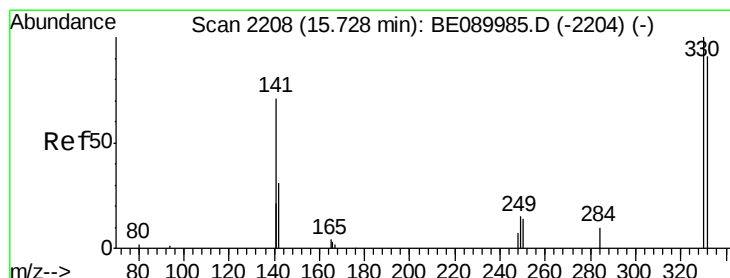
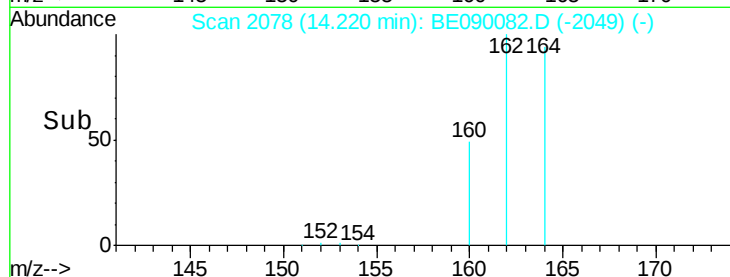
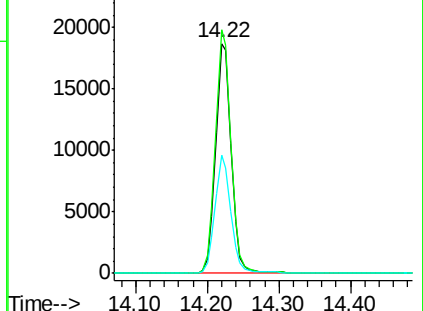
160 51.6 39.0 58.6



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: 8.95 ng

RT: 15.73 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BE090082.D

Acq: 10 Jul 2015 14:28

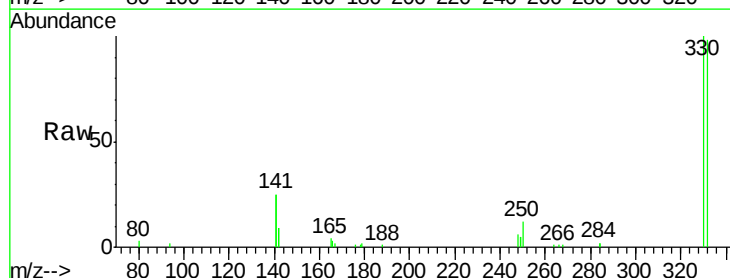
Tgt Ion:330 Resp: 7345

Ion Ratio Lower Upper

330 100

332 96.6 76.4 114.6

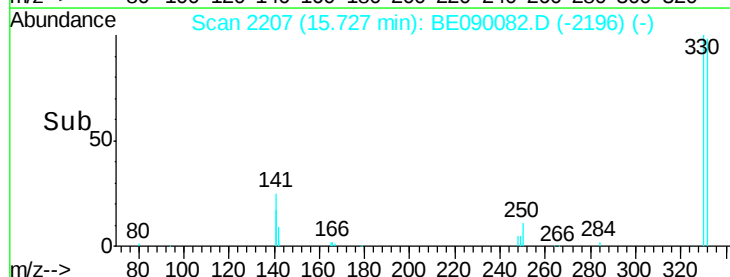
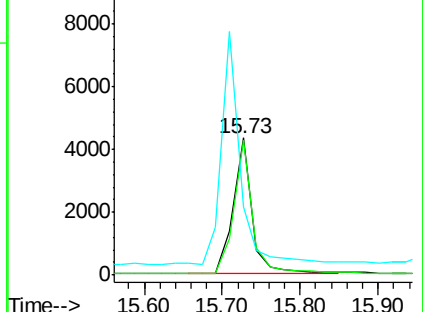
141 168.7 130.3 195.5

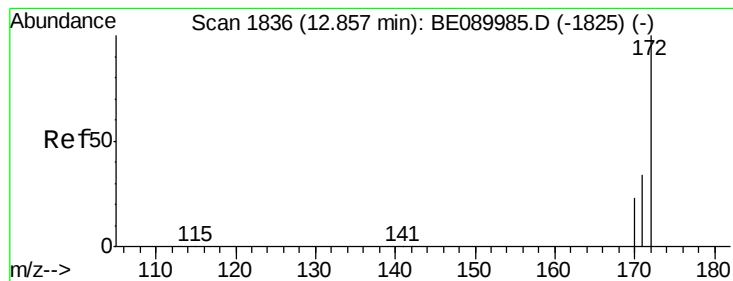


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#14

2-Fluorobiphenyl

Concen: 5.73 ng

RT: 12.85 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BE090082.D

Acq: 10 Jul 2015 14:28

Instrument :

BNA_E

ClientSampleId :

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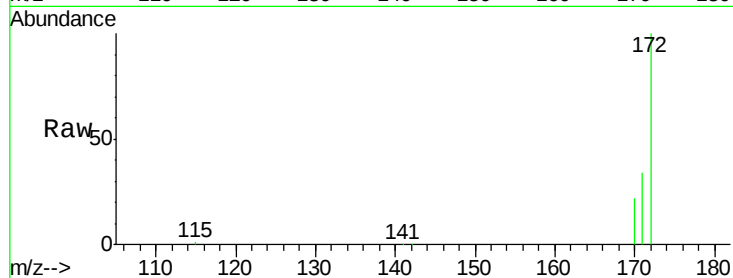
Tgt Ion:172 Resp: 48210

Ion Ratio Lower Upper

172 100

171 34.0 27.8 41.6

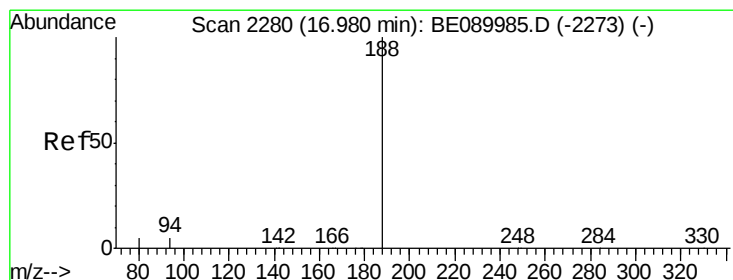
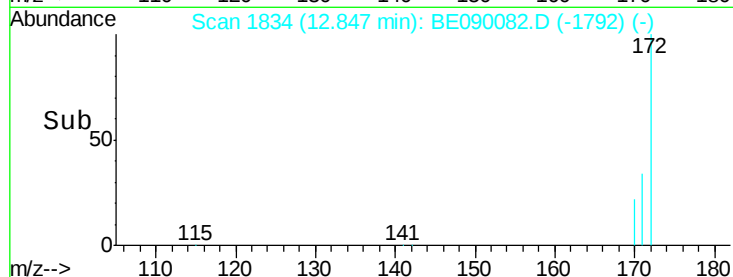
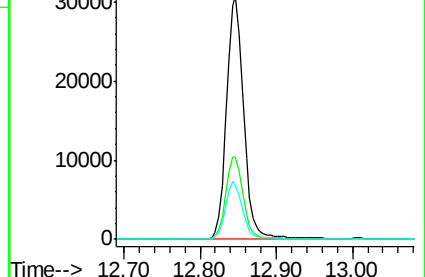
170 22.5 18.3 27.5



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.96 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BE090082.D

Acq: 10 Jul 2015 14:28

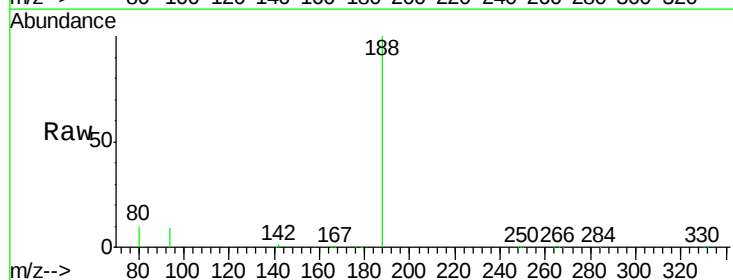
Tgt Ion:188 Resp: 61833

Ion Ratio Lower Upper

188 100

94 9.3 4.1 6.1#

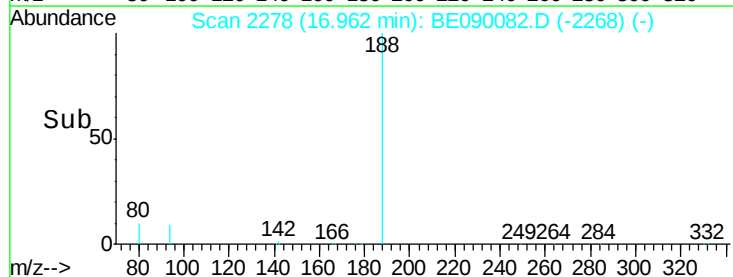
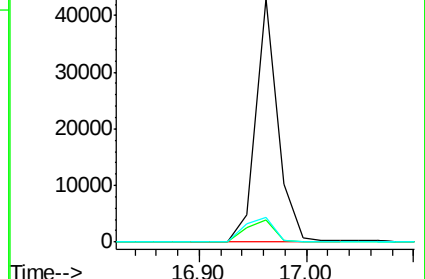
80 10.2 4.2 6.2#

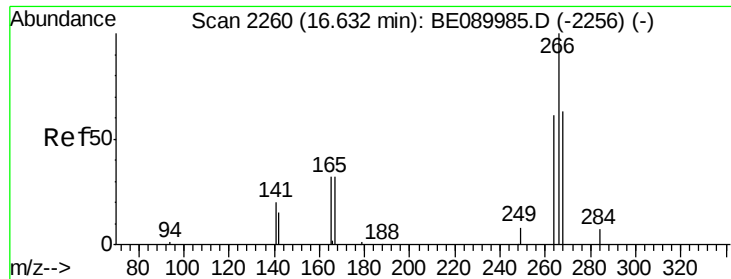


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

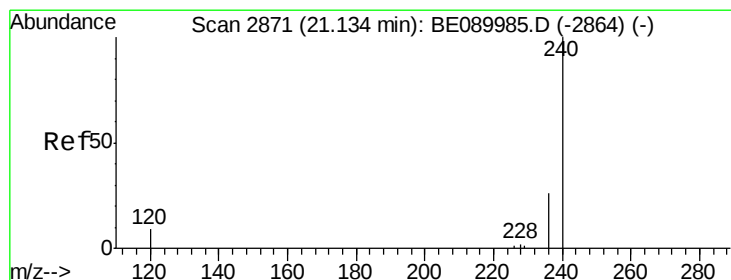
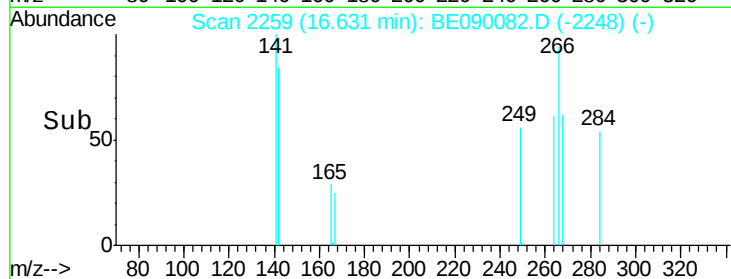
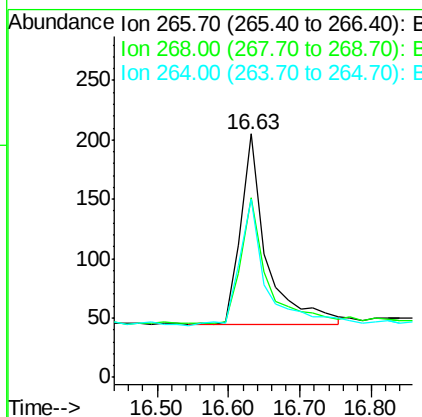
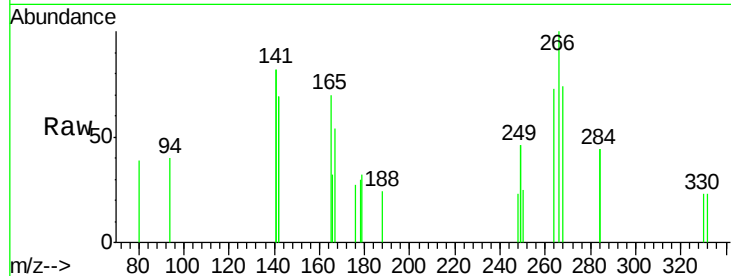




#21
 Pentachlorophenol
 Concen: 0.53 ng
 RT: 16.63 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BE090082.D
 Acq: 10 Jul 2015 14:28

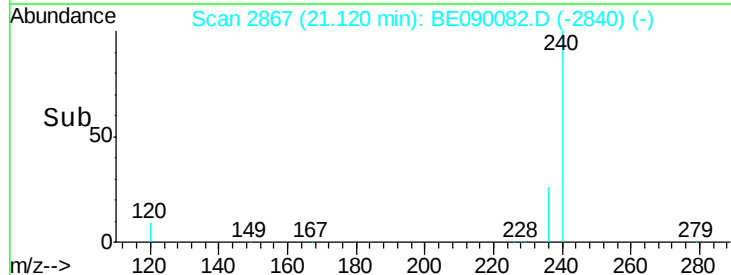
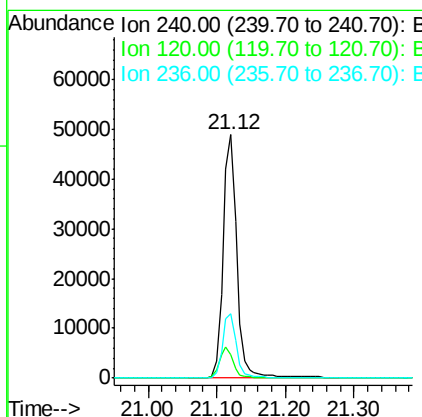
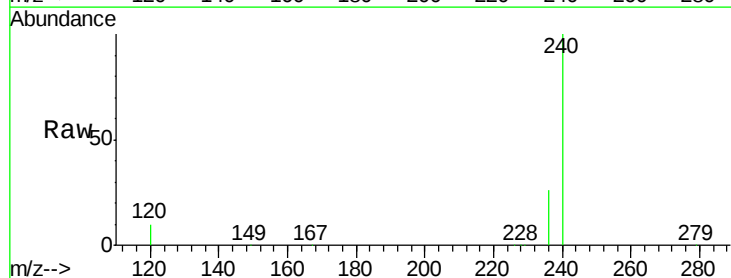
Instrument :
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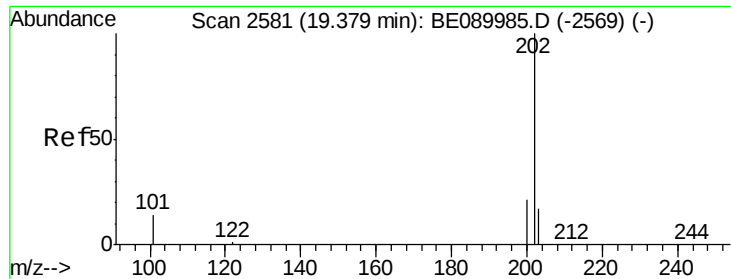
Tgt Ion:266 Resp: 398
 Ion Ratio Lower Upper
 266 100
 268 73.7 51.8 77.8
 264 73.2 50.2 75.2



#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.12 min Scan# 2867
 Delta R.T. -0.01 min
 Lab File: BE090082.D
 Acq: 10 Jul 2015 14:28

Tgt Ion:240 Resp: 67176
 Ion Ratio Lower Upper
 240 100
 120 9.6 6.9 10.3
 236 26.4 20.8 31.2





#26

Pyrene

Concen: 0.02 ng

RT: 19.37 min Scan# 2578

Delta R.T. -0.01 min

Lab File: BE090082.D

Acq: 10 Jul 2015 14:28

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

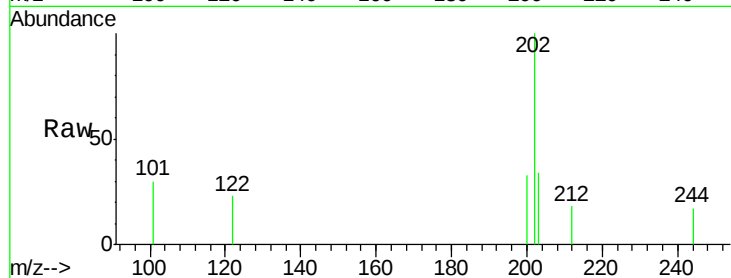
Tgt Ion: 202 Resp: 325

Ion Ratio Lower Upper

202 100

200 24.3 16.8 25.2

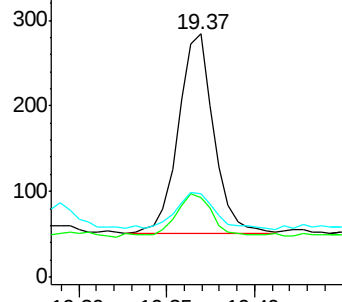
203 20.9 13.9 20.9#



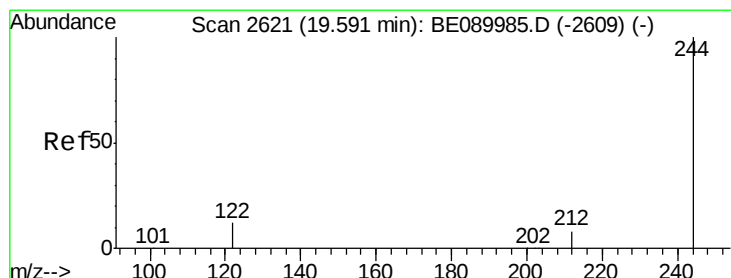
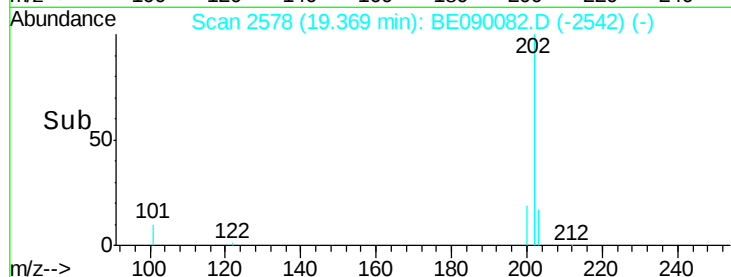
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#27

Terphenyl-d14

Concen: 6.09 ng

RT: 19.58 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BE090082.D

Acq: 10 Jul 2015 14:28

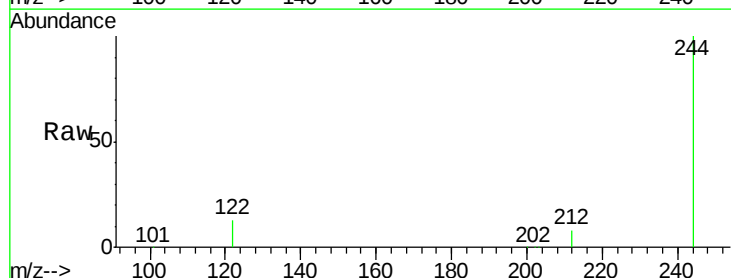
Tgt Ion: 244 Resp: 68105

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

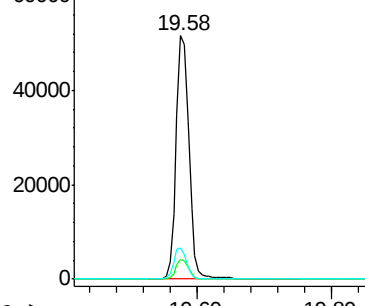
122 13.1 9.8 14.8



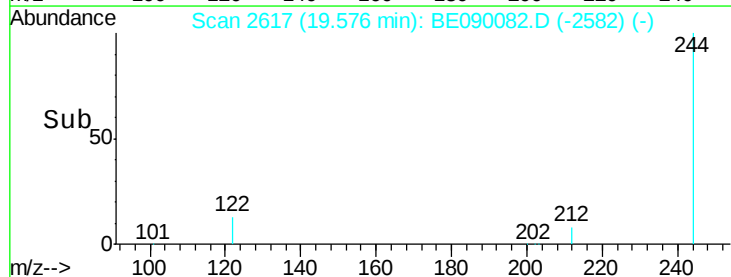
Abundance Ion 244.00 (243.70 to 244.70): E

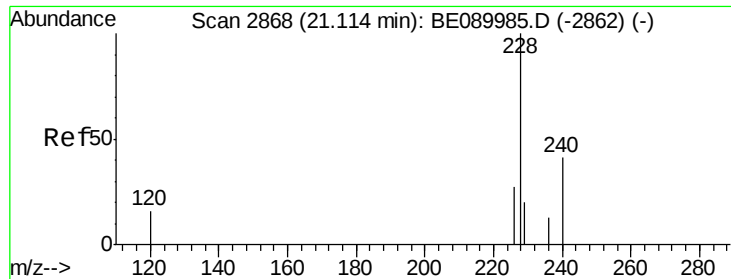
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#28

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.11 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BE090082.D

Acq: 10 Jul 2015 14:28

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

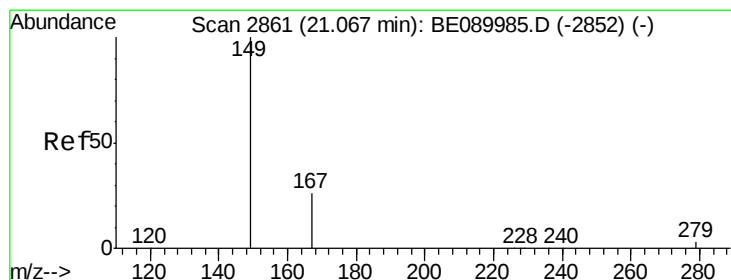
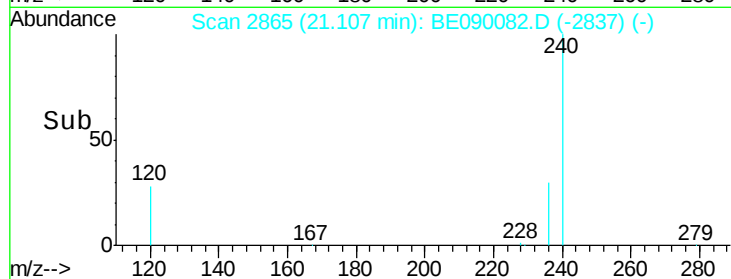
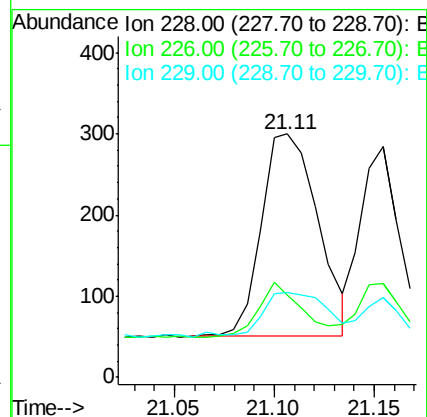
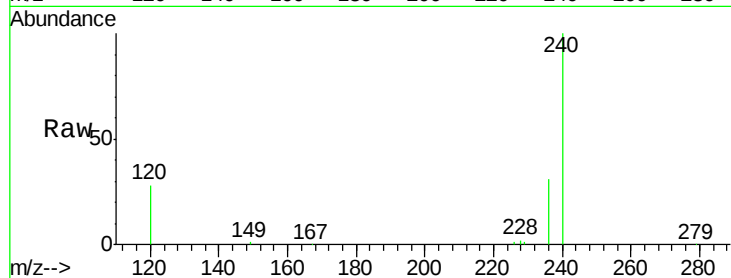
Tgt Ion:228 Resp: 489

Ion Ratio Lower Upper

228 100

226 33.7 21.8 32.6#

229 35.0 15.8 23.6#



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.38 ng

RT: 21.05 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BE090082.D

Acq: 10 Jul 2015 14:28

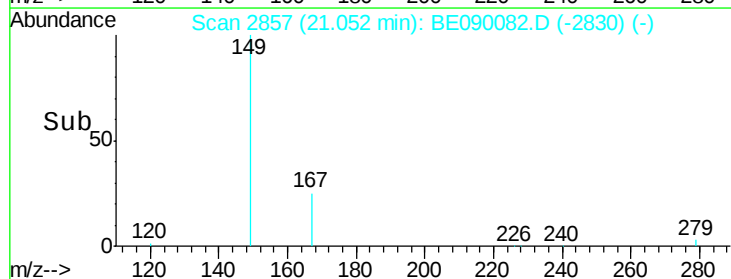
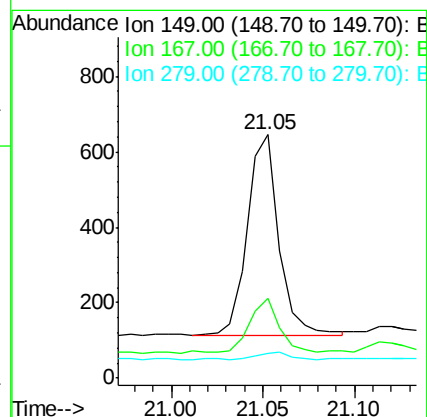
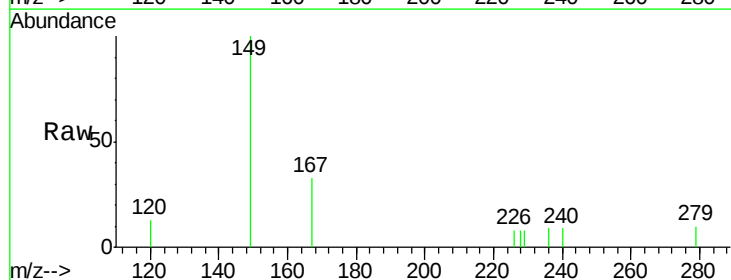
Tgt Ion:149 Resp: 633

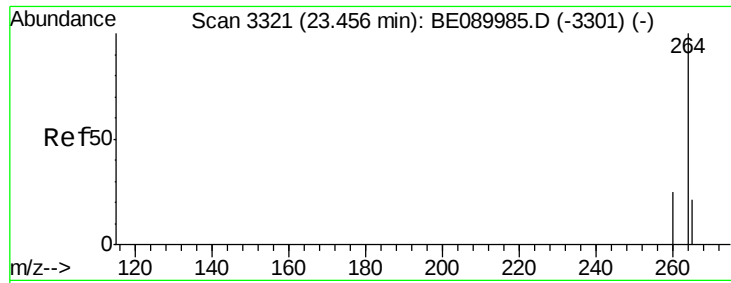
Ion Ratio Lower Upper

149 100

167 25.3 20.3 30.5

279 4.3 2.6 3.8#

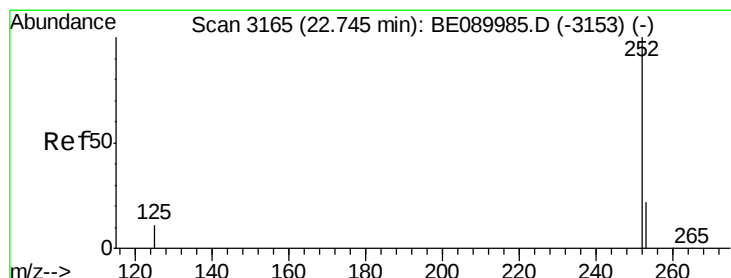
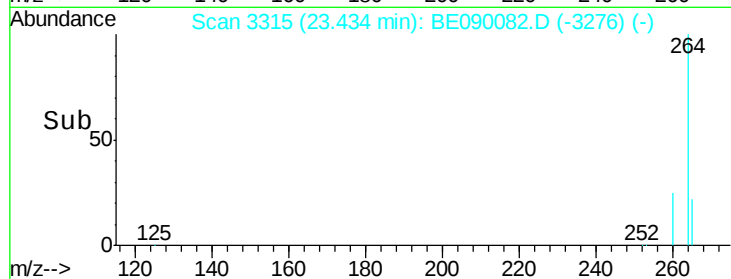
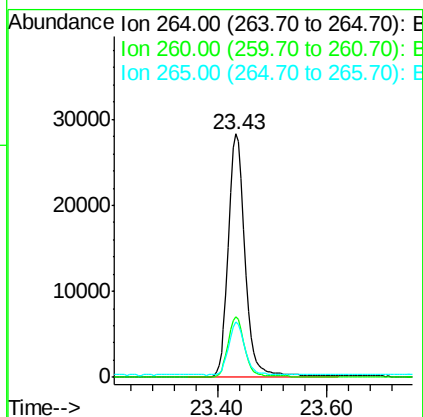
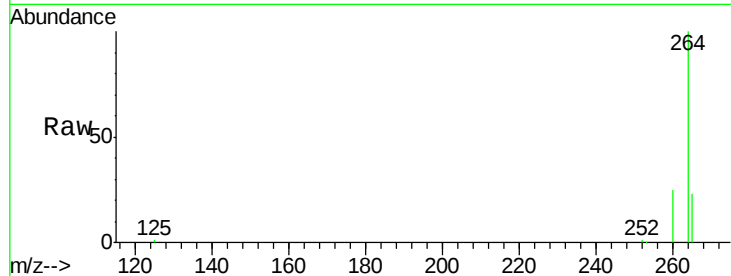




#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.43 min Scan# 3315
 Delta R.T. -0.02 min
 Lab File: BE090082.D
 Acq: 10 Jul 2015 14:28

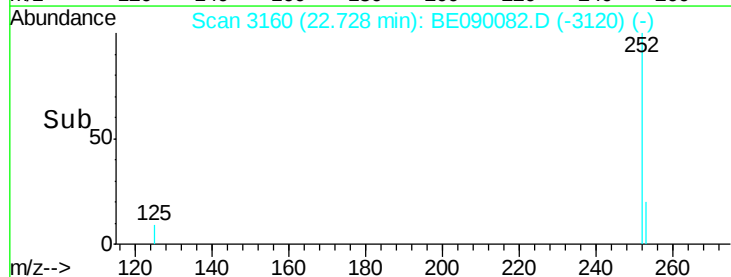
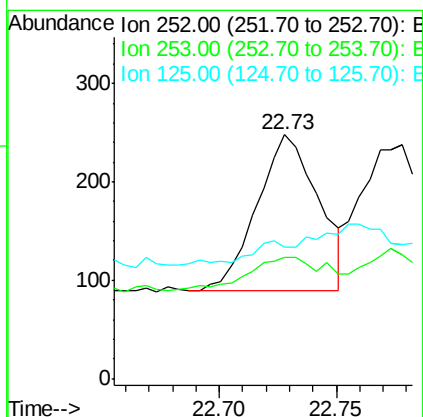
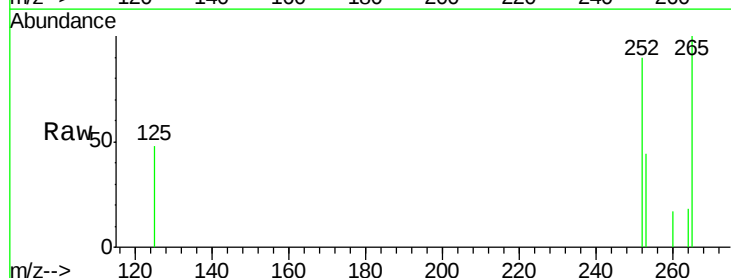
Instrument :
 BNA_E
 ClientSampleId :
 X1SS0820624-150626RE

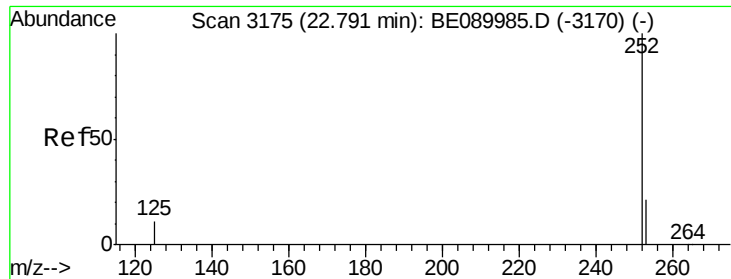
Tgt Ion: 264 Resp: 59788
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.2 30.2
 265 22.6 17.1 25.7



#33
 Benzo(b)fluoranthene
 Concen: 0.02 ng
 RT: 22.73 min Scan# 3160
 Delta R.T. -0.02 min
 Lab File: BE090082.D
 Acq: 10 Jul 2015 14:28

Tgt Ion: 252 Resp: 291
 Ion Ratio Lower Upper
 252 100
 253 49.6 17.8 26.8#
 125 54.0 9.0 13.4#





#34

Benzo(k)fluoranthene

Concen: 0.02 ng

RT: 22.78 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BE090082.D

Acq: 10 Jul 2015 14:28

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE

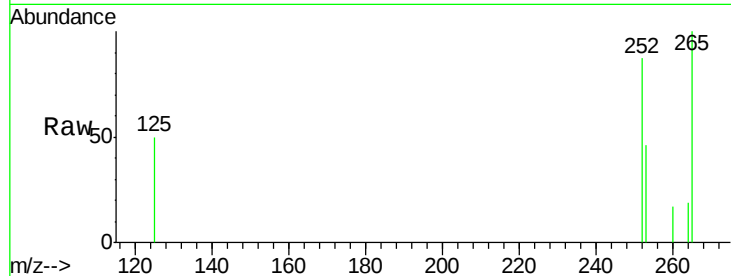
Tgt Ion: 252 Resp: 295

Ion Ratio Lower Upper

252 100

253 52.9 17.5 26.3#

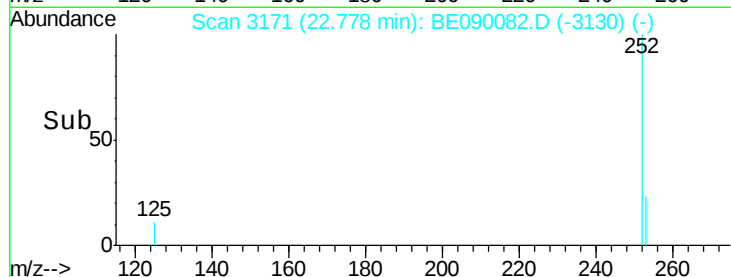
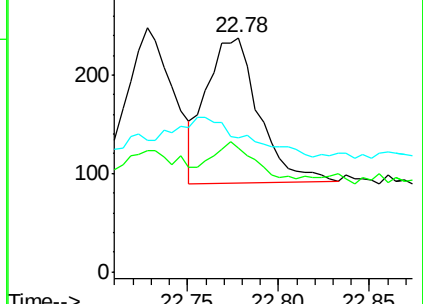
125 57.1 9.5 14.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#35

Benzo(a)pyrene

Concen: 0.02 ng

RT: 23.33 min Scan# 3292

Delta R.T. -0.02 min

Lab File: BE090082.D

Acq: 10 Jul 2015 14:28

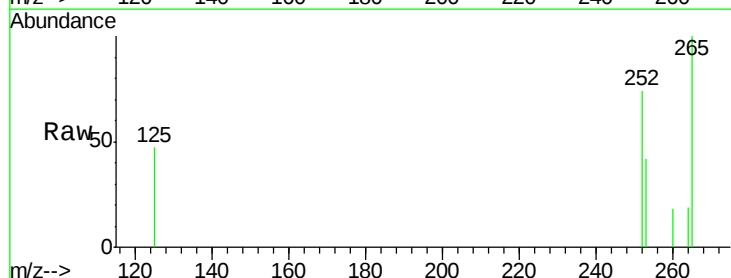
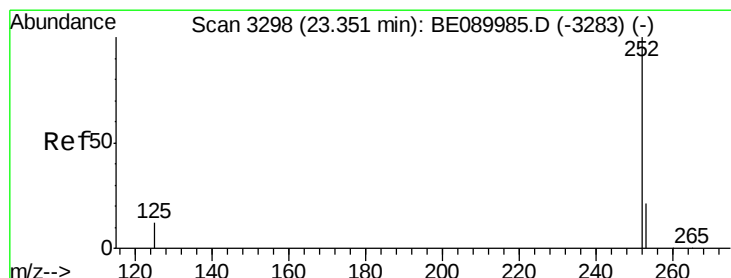
Tgt Ion: 252 Resp: 258

Ion Ratio Lower Upper

252 100

253 57.1 17.4 26.2#

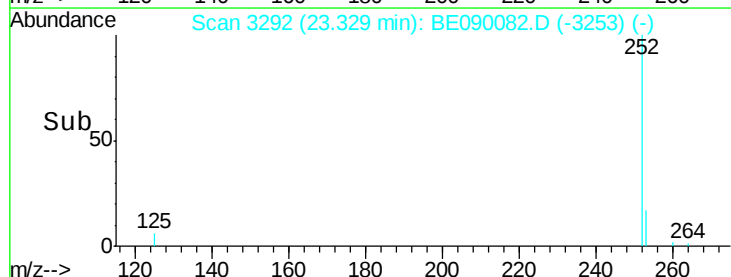
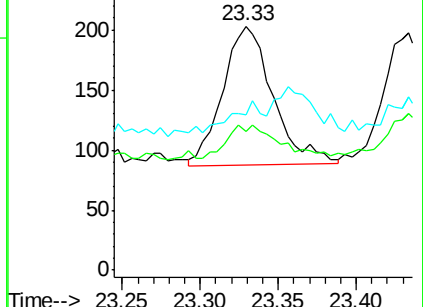
125 63.5 10.5 15.7#

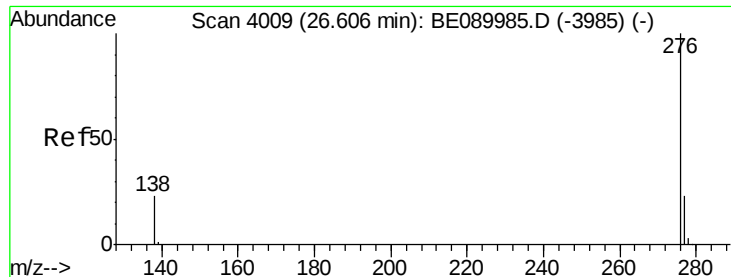


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(g,h,i)perylene

Concen: 0.02 ng

RT: 26.57 min Scan# 4001

Delta R.T. -0.03 min

Lab File: BE090082.D

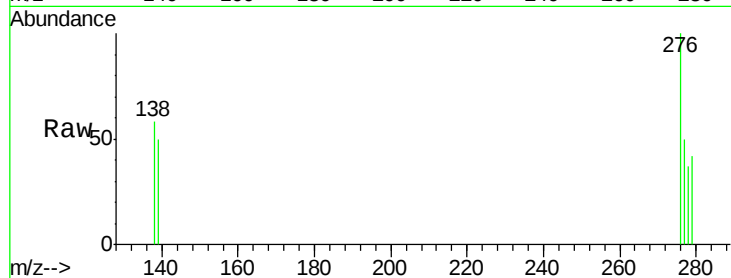
Acq: 10 Jul 2015 14:28

Instrument :

BNA_E

ClientSampleId :

X1SS0820624-150626RE



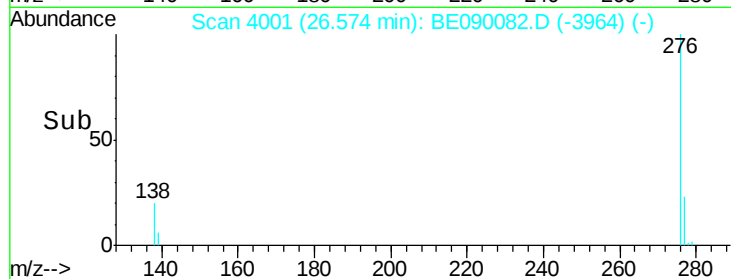
Tgt Ion: 276 Resp: 309

Ion Ratio Lower Upper

276 100

277 50.4 18.8 28.2#

138 57.7 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

