

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040816\
 Data File : BE091614.D
 Acq On : 8 Apr 2016 16:28
 Operator : UM/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE040816

Quant Time: Apr 08 17:00:59 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 16:48:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	36435	5.00	ng	-0.02
7) Naphthalene-d8	10.59	136	176785	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	105638	5.00	ng	0.00
19) Phenanthrene-d10	17.16	188	267081	5.00	ng	0.00
26) Chrysene-d12	21.31	240	340181	5.00	ng	0.00
35) Perylene-d12	23.76	264	295878	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	3237	0.37	ng	0.00
5) Phenol-d6	6.97	99	4195	0.36	ng	0.00
8) Nitrobenzene-d5	8.96	82	3464	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.91	330	1531	0.63	ng	0.00
15) 2-Fluorobiphenyl	13.05	172	11668	0.40	ng	0.00
29) Terphenyl-d14	19.76	244	16032	0.38	ng	0.00

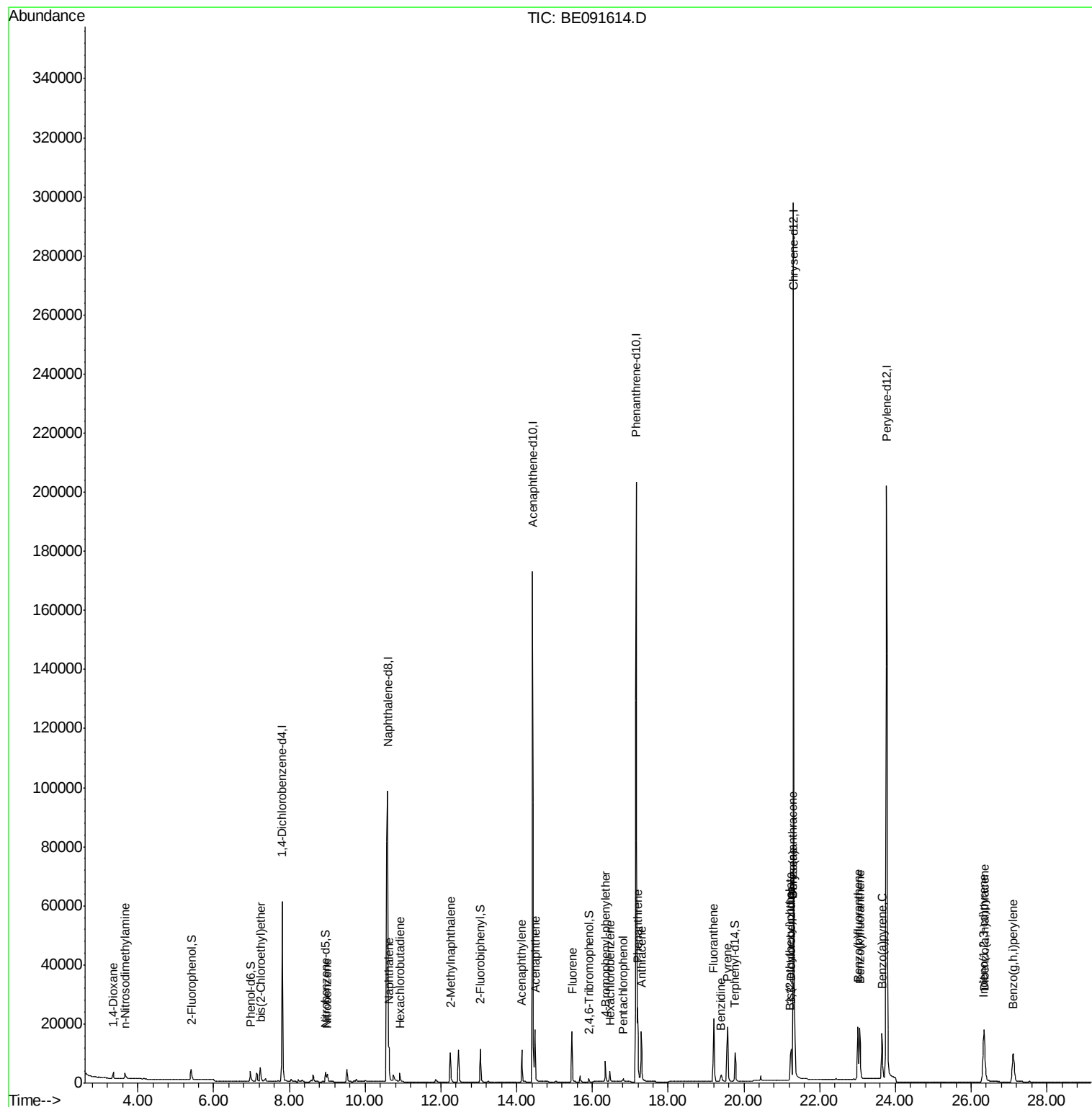
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	1995	0.42	ng	89
3) n-Nitrosodimethylamine	3.66	42	2002	0.36	ng	# 96
6) bis(2-Chloroethyl)ether	7.23	93	3782	0.38	ng	# 75
9) Nitrobenzene	9.00	77	3621	0.44	ng	97
10) Naphthalene	10.63	128	14331	0.39	ng	100
11) Hexachlorobutadiene	10.92	225	2681	0.50	ng	90
12) 2-Methylnaphthalene	12.25	142	9086	0.39	ng	91
16) Acenaphthylene	14.14	152	15454	0.38	ng	# 75
17) Acenaphthene	14.49	154	10178	0.39	ng	86
18) Fluorene	15.47	166	12522	0.39	ng	98
20) 4-Bromophenyl-phenylether	16.34	248	3572	0.38	ng	94
21) Hexachlorobenzene	16.47	284	3904	0.40	ng	99
22) Pentachlorophenol	16.81	266	986	0.41	ng	91
23) Phenanthrene	17.19	178	24223	0.40	ng	99
24) Anthracene	17.29	178	20325	0.38	ng	99
25) Fluoranthene	19.21	202	23793	0.37	ng	# 97
27) Benzidine	19.40	184	5305	0.48	ng	# 81
28) Pyrene	19.57	202	24041	0.35	ng	99
30) Benzo(a)anthracene	21.29	228	55090	0.72	ng	95
31) 3,3'-Dichlorobenzidine	21.24	252	11706	0.36	ng	# 88
32) Chrysene	21.29	228	55508	0.80	ng	97
33) Bis(2-ethylhexyl)phthalate	21.22	149	7587	0.39	ng	# 82
34) Indeno(1,2,3-cd)pyrene	26.32	276	29198	0.38	ng	96
36) Benzo(b)fluoranthene	23.01	252	27083	0.39	ng	96
37) Benzo(k)fluoranthene	23.06	252	25135	0.37	ng	99
38) Benzo(a)pyrene	23.65	252	23980	0.38	ng	99
39) Dibenzo(a,h)anthracene	26.35	278	23704	0.38	ng	97
40) Benzo(g,h,i)perylene	27.12	276	24671	0.38	ng	95

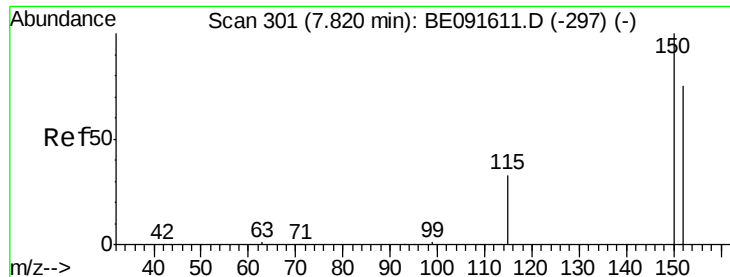
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.02 min

Lab File: BE091614.D

Acq: 8 Apr 2016 16:28

Instrument :

BNA_E

ClientSampleId :

ICVBE040816

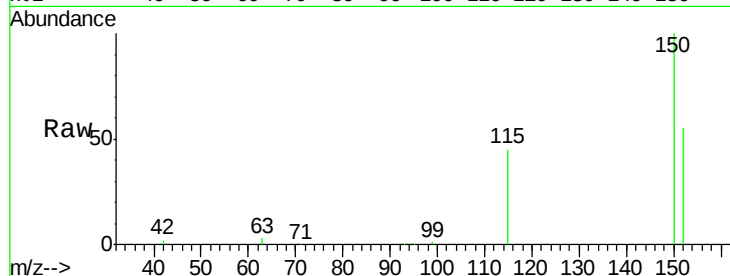
Tot Ion:152 Resp: 36435

Ion Ratio Lower Upper

152 100

150 182.9 122.6 183.8

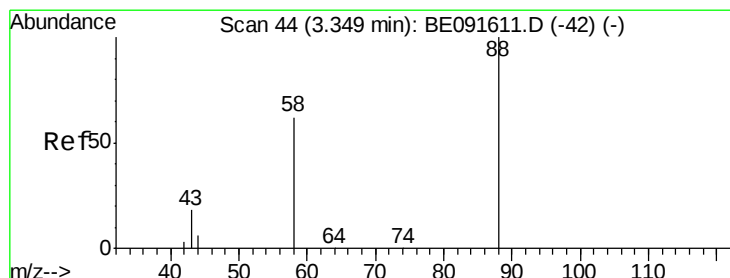
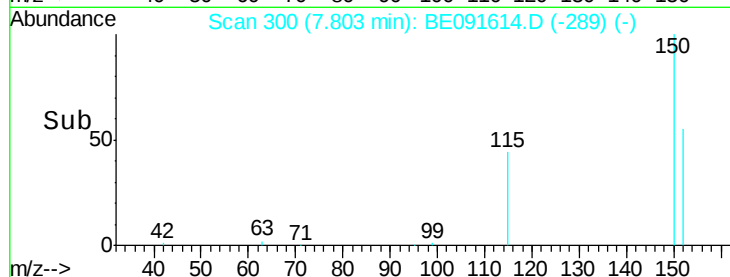
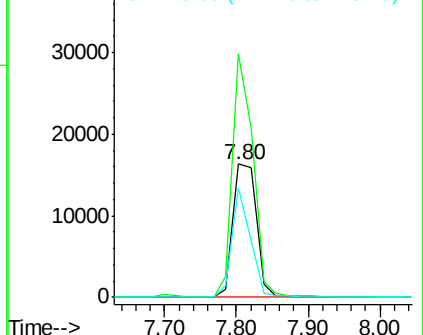
115 81.7 52.8 79.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.42 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE091614.D

Acq: 8 Apr 2016 16:28

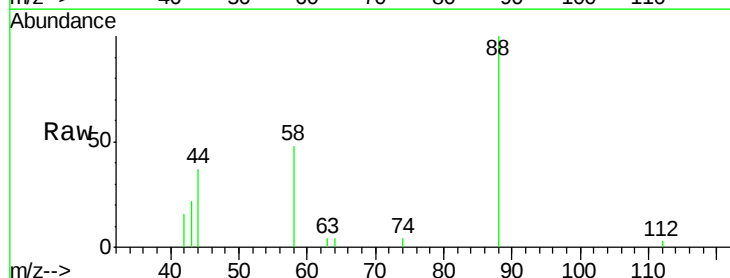
Tgt Ion: 88 Resp: 1995

Ion Ratio Lower Upper

88 100

58 69.7 65.8 98.6

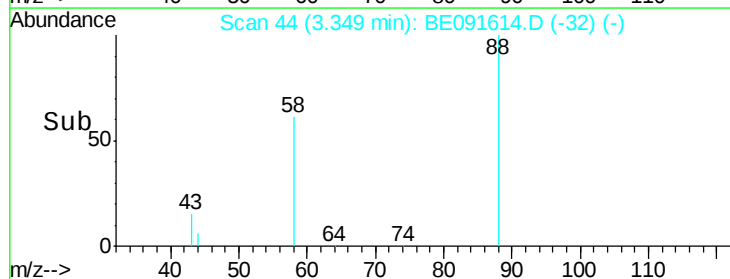
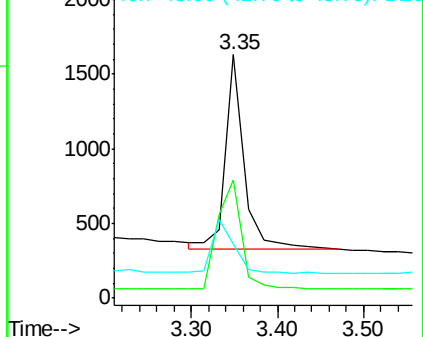
43 34.3 25.3 37.9

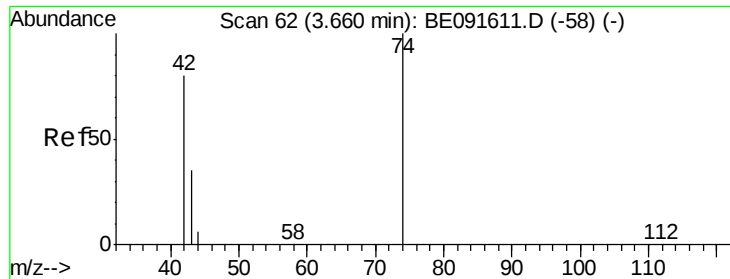


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.36 ng

RT: 3.66 min Scan# 62

Delta R.T. 0.00 min

Lab File: BE091614.D

Acq: 8 Apr 2016 16:28

Instrument :

BNA_E

ClientSampleId :

ICVBE040816

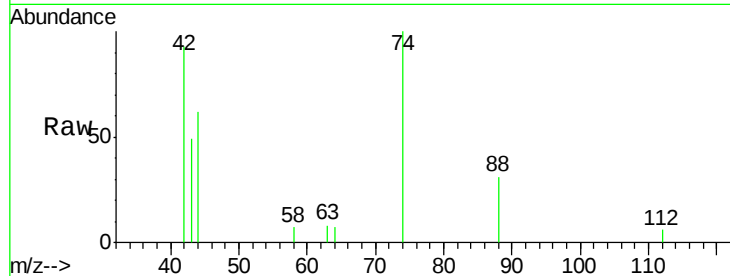
Tot Ion: 42 Resp: 2002

Ion Ratio Lower Upper

42 100

74 106.1 87.9 131.9

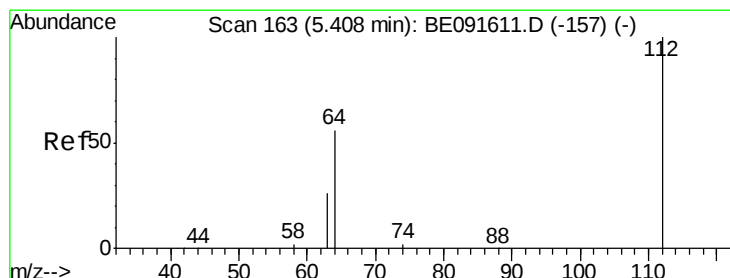
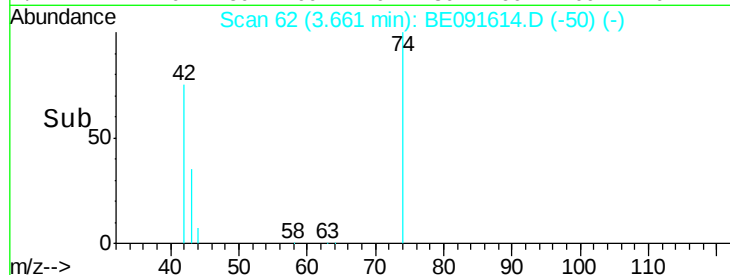
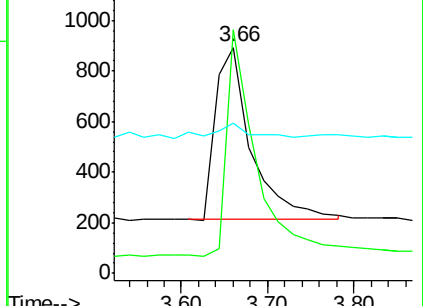
44 10.0 6.6 9.8#



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: 0.37 ng

RT: 5.41 min Scan# 163

Delta R.T. 0.00 min

Lab File: BE091614.D

Acq: 8 Apr 2016 16:28

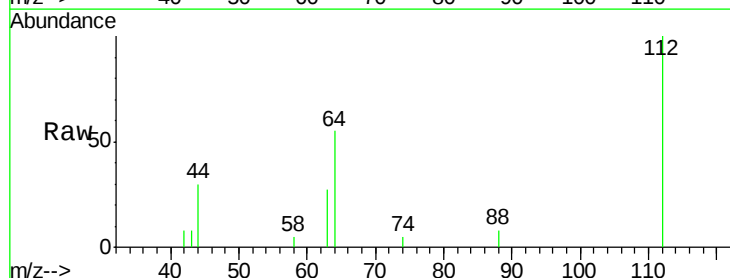
Tgt Ion: 112 Resp: 3237

Ion Ratio Lower Upper

112 100

64 68.4 30.9 46.3#

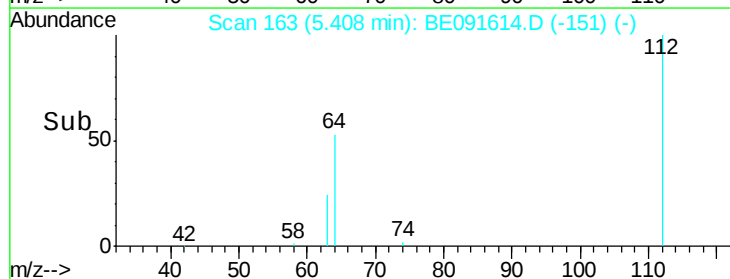
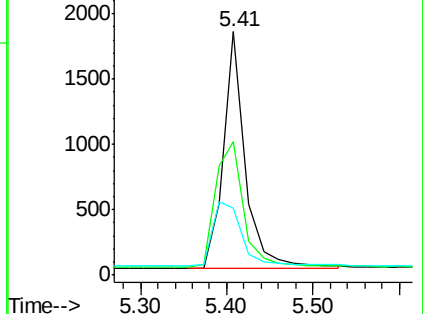
63 35.5 16.7 25.1#

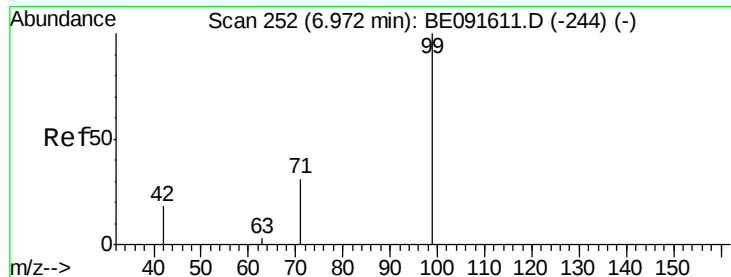


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.36 ng

RT: 6.97 min Scan# 252

Delta R.T. 0.00 min

Lab File: BE091614.D

Acq: 8 Apr 2016 16:28

Instrument :

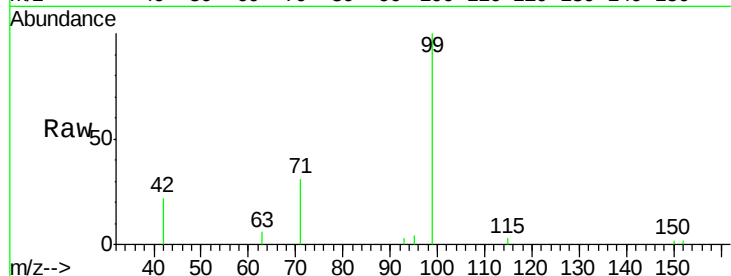
BNA_E

ClientSampleId :

ICVBE040816

Tot Ion: 99 Resp: 4195

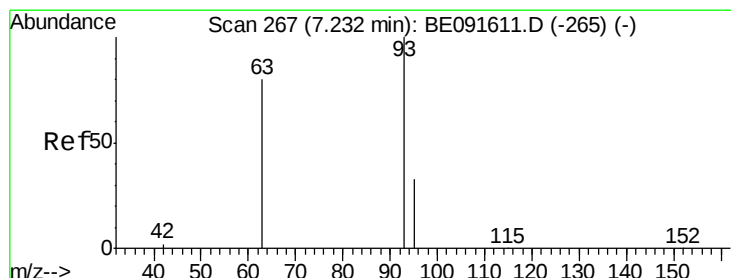
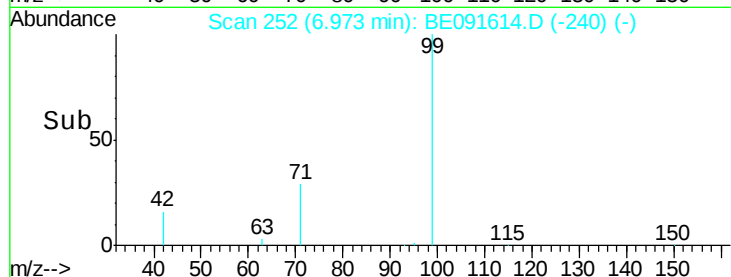
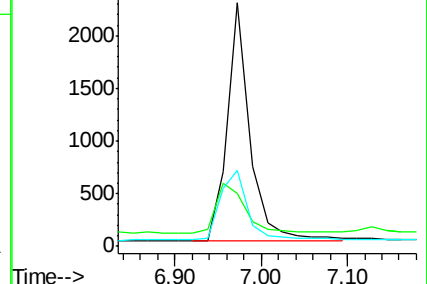
Ion	Ratio	Lower	Upper
99	100		
42	26.7	16.2	24.2#
71	35.7	29.0	43.4



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

bis(2-Chloroethyl)ether

Concen: 0.38 ng

RT: 7.23 min Scan# 267

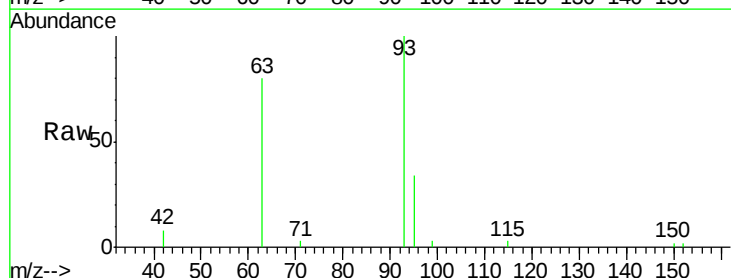
Delta R.T. 0.00 min

Lab File: BE091614.D

Acq: 8 Apr 2016 16:28

Tgt Ion: 93 Resp: 3782

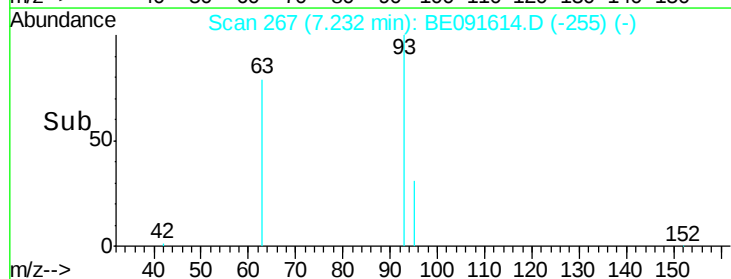
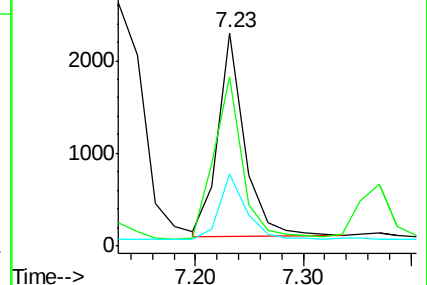
Ion	Ratio	Lower	Upper
93	100		
63	86.9	49.5	74.3#
95	32.3	22.2	33.4

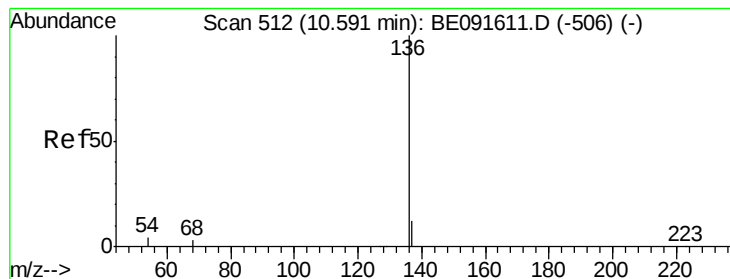


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.59 min Scan# 512

Delta R.T. -0.00 min

Lab File: BE091614.D

Acq: 8 Apr 2016 16:28

Instrument :

BNA_E

ClientSampleId :

ICVBE040816

Tot Ion:136 Resp: 176785

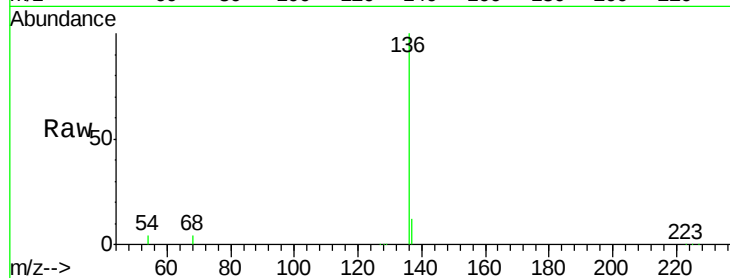
Ion Ratio Lower Upper

136 100

137 11.9 8.9 13.3

54 4.3 8.2 12.4#

68 3.5 6.2 9.4#

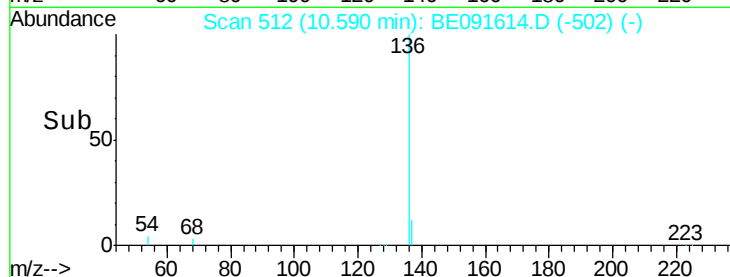


Abundance Ion 136.00 (135.70 to 136.70): E

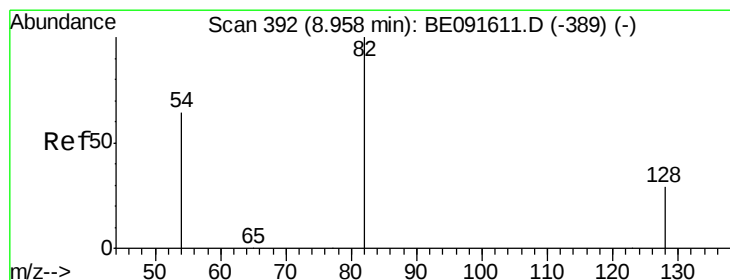
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time--> 10.40 10.50 10.60 10.70



#8

Nitrobenzene-d5

Concen: 0.34 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.00 min

Lab File: BE091614.D

Acq: 8 Apr 2016 16:28

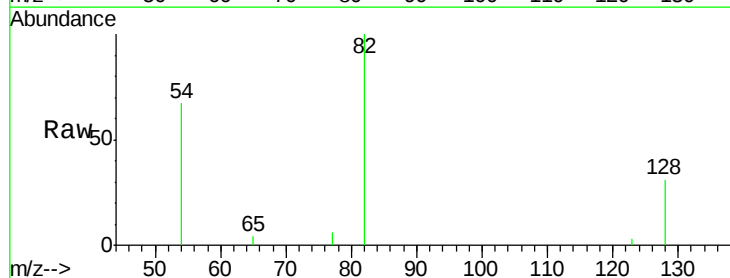
Tgt Ion: 82 Resp: 3464

Ion Ratio Lower Upper

82 100

128 30.8 25.4 38.0

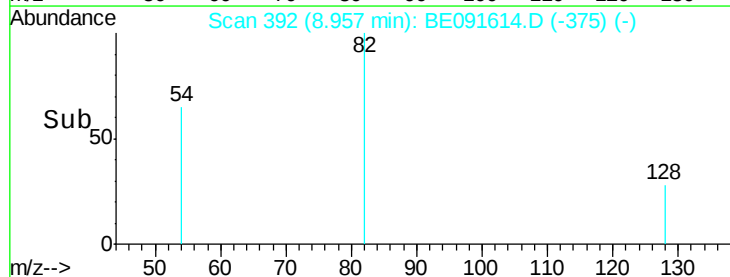
54 67.1 48.4 72.6



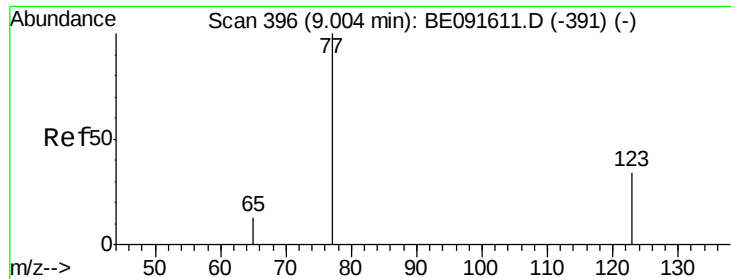
Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time--> 8.90 9.00 9.10



#9

Nitrobenzene

Concen: 0.44 ng

RT: 9.00 min Scan# 396

Delta R.T. -0.00 min

Lab File: BE091614.D

Acq: 8 Apr 2016 16:28

Instrument :

BNA_E

ClientSampleId :

ICVBE040816

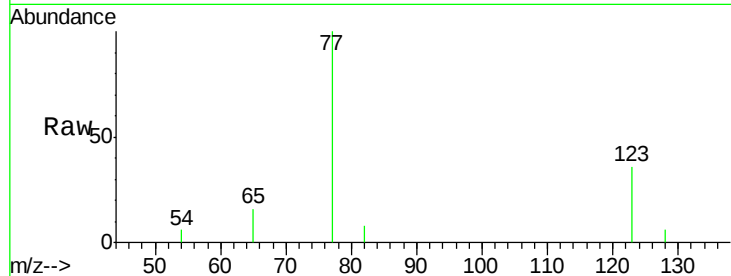
Tot Ion: 77 Resp: 3621

Ion Ratio Lower Upper

77 100

123 34.9 26.9 40.3

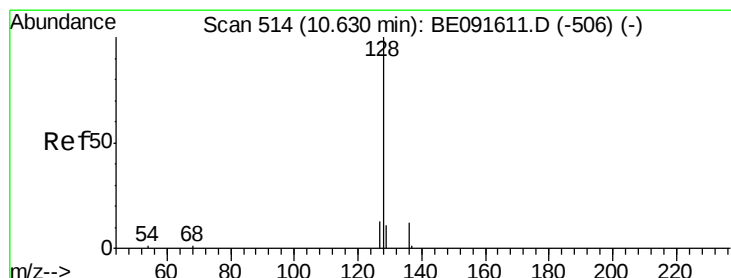
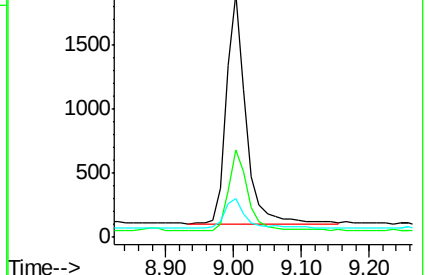
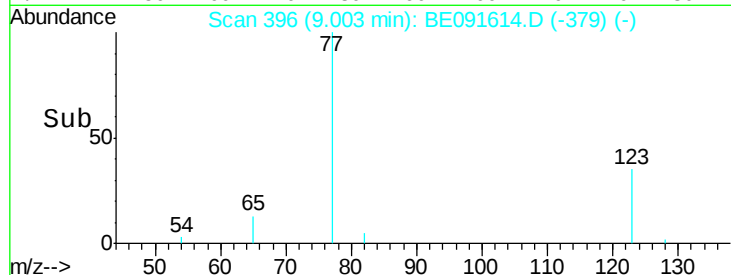
65 13.3 9.4 14.2



Abundance Ion 77.00 (76.70 to 77.70): BE091611.D (-391) (-)

Ion 123.00 (122.70 to 123.70): BE091611.D (-391) (-)

Ion 65.00 (64.70 to 65.70): BE091611.D (-391) (-)



#10

Naphthalene

Concen: 0.39 ng

RT: 10.63 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE091614.D

Acq: 8 Apr 2016 16:28

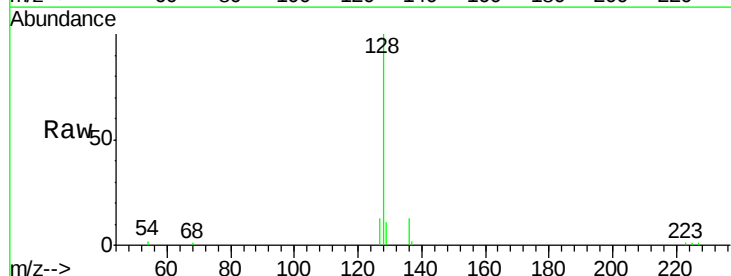
Tgt Ion: 128 Resp: 14331

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

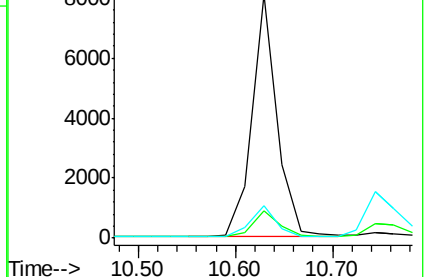
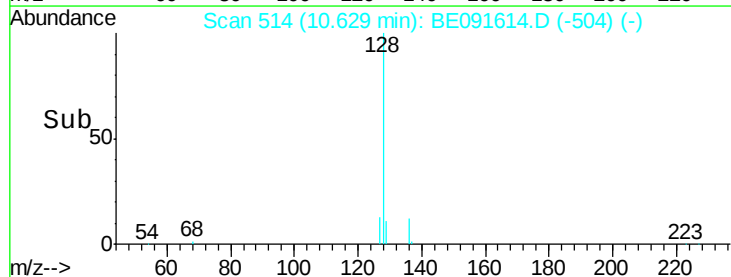
127 13.3 10.7 16.1

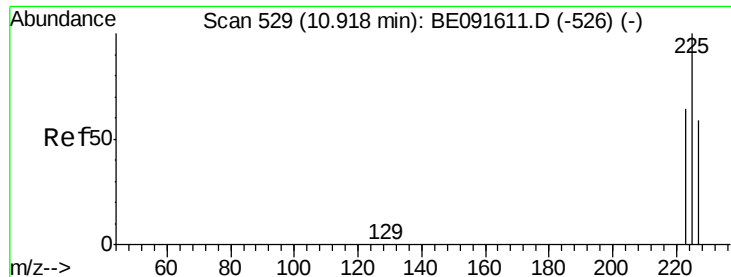


Abundance Ion 128.00 (127.70 to 128.70): BE091611.D (-506) (-)

Ion 129.00 (128.70 to 129.70): BE091611.D (-506) (-)

Ion 127.00 (126.70 to 127.70): BE091611.D (-506) (-)

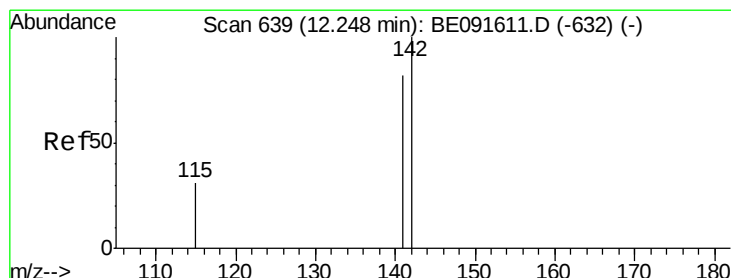
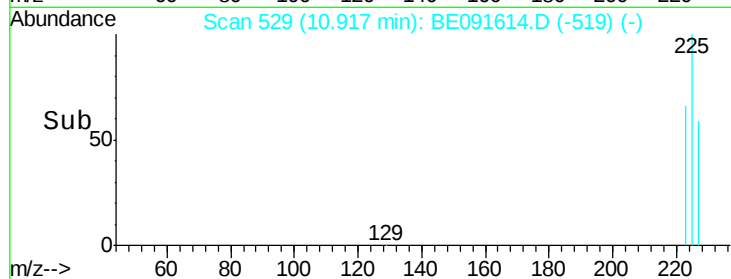
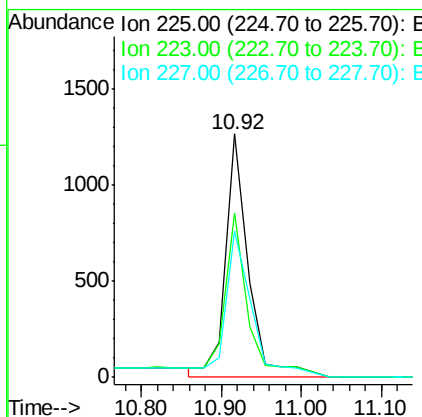
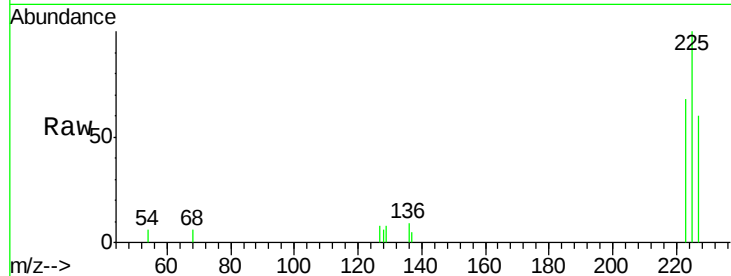




#11
Hexachlorobutadiene
Concen: 0.50 ng
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091614.D
Acq: 8 Apr 2016 16:28

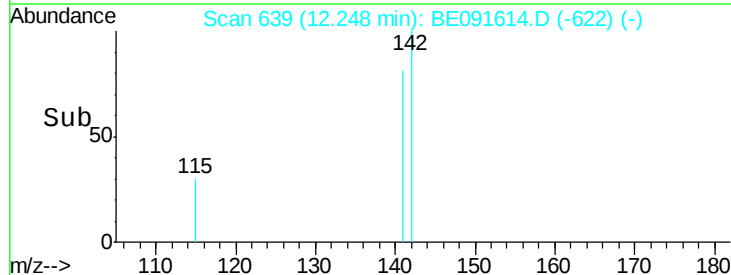
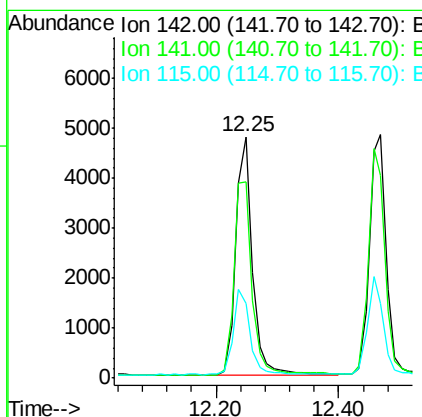
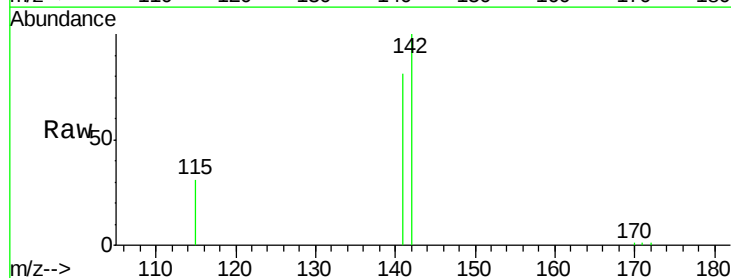
Instrument :
BNA_E
ClientSampleId :
ICVBE040816

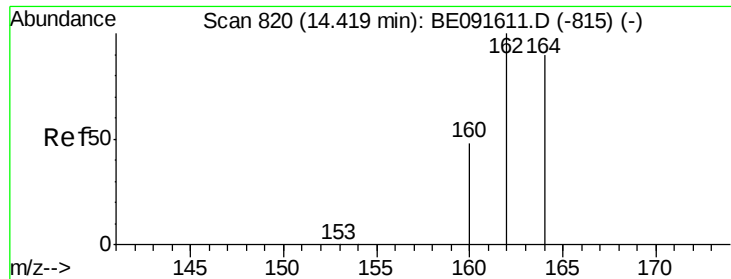
Tot Ion:225 Resp: 2681
Ion Ratio Lower Upper
225 100
223 70.0 49.0 73.6
227 69.2 50.3 75.5



#12
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.25 min Scan# 639
Delta R.T. 0.00 min
Lab File: BE091614.D
Acq: 8 Apr 2016 16:28

Tgt Ion:142 Resp: 9086
Ion Ratio Lower Upper
142 100
141 81.0 71.4 107.0
115 31.1 30.3 45.5

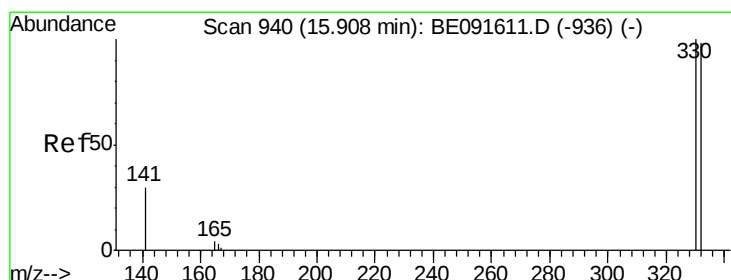
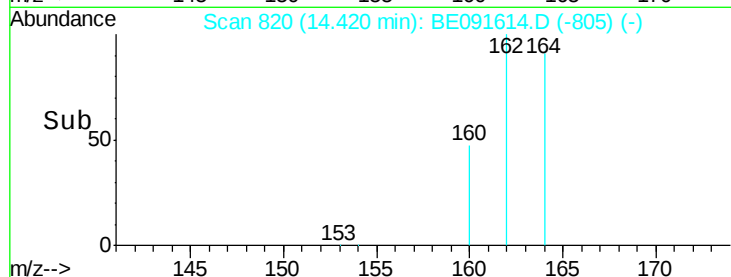
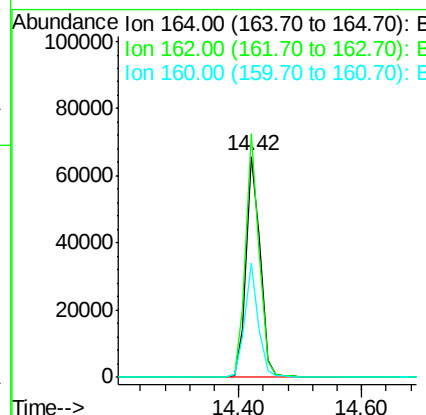
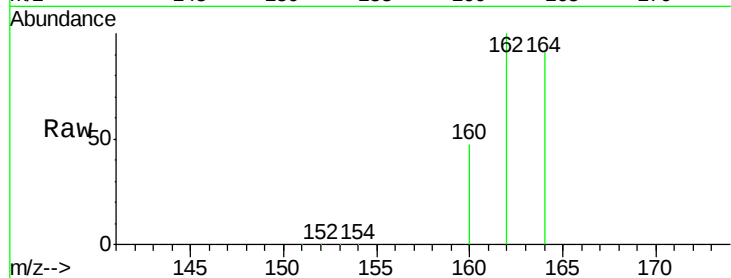




#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE091614.D
Acq: 8 Apr 2016 16:28

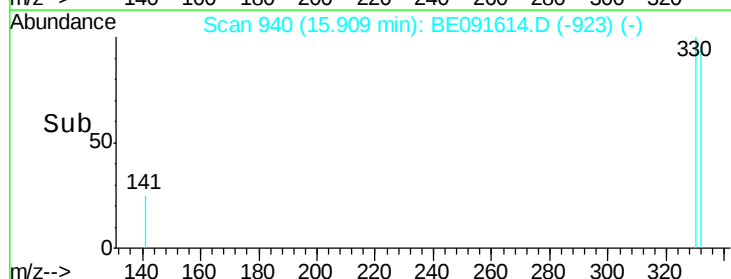
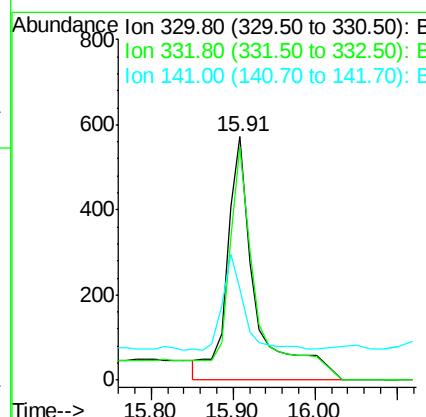
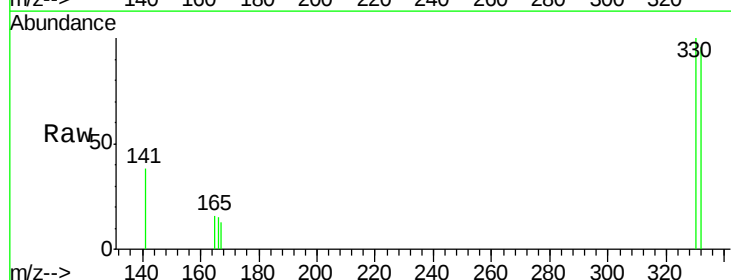
Instrument :
BNA_E
ClientSampleId :
ICVBE040816

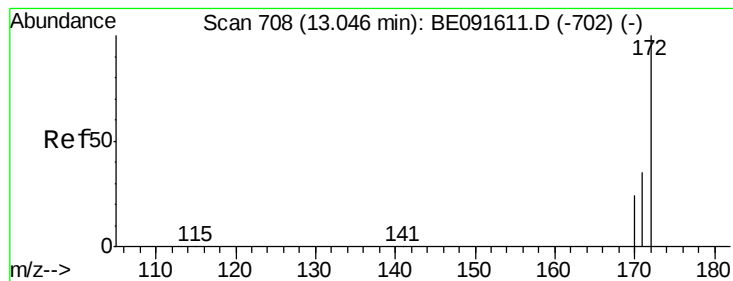
Tot Ion:164 Resp: 105638
Ion Ratio Lower Upper
164 100
162 110.2 85.3 127.9
160 52.0 46.2 69.2



#14
2,4,6-Tribromophenol
Concen: 0.63 ng
RT: 15.91 min Scan# 940
Delta R.T. 0.00 min
Lab File: BE091614.D
Acq: 8 Apr 2016 16:28

Tgt Ion:330 Resp: 1531
Ion Ratio Lower Upper
330 100
332 94.1 79.1 118.7
141 26.5 125.4 188.0#

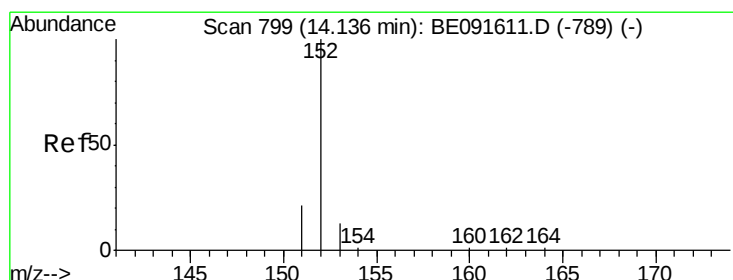
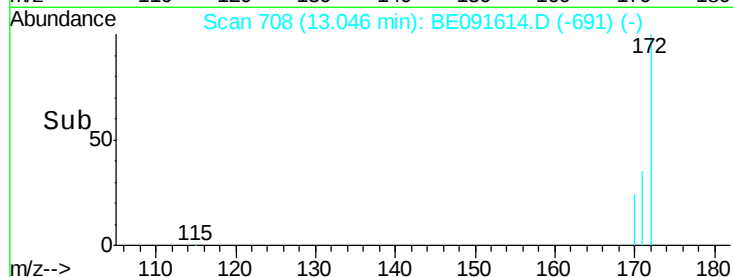
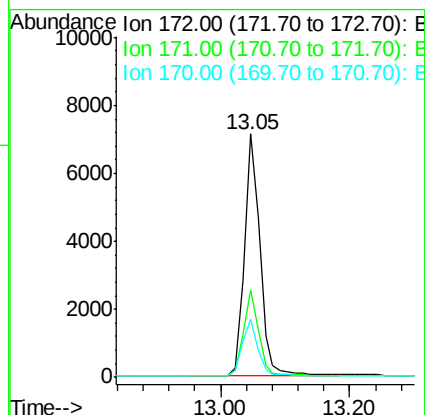
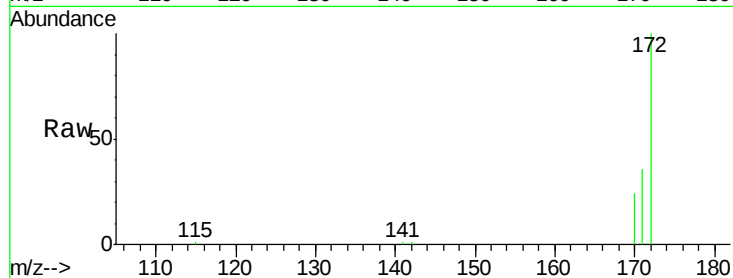




#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE091614.D
Acq: 8 Apr 2016 16:28

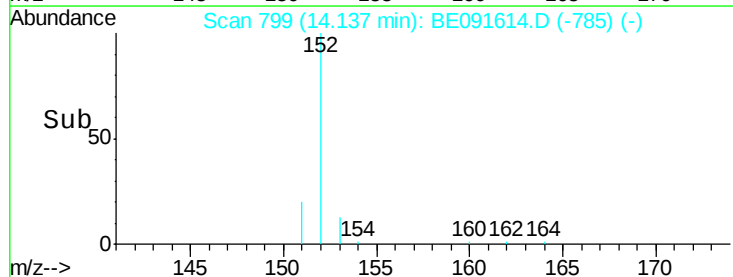
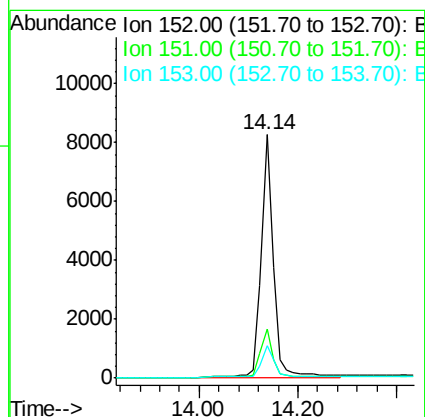
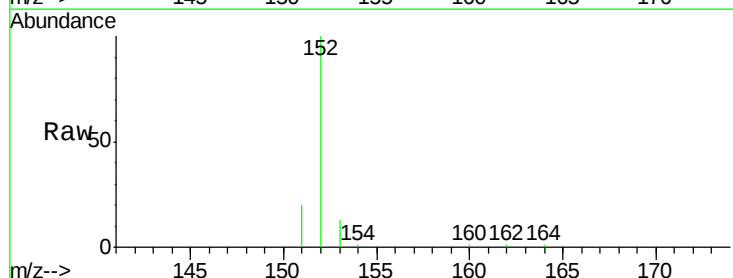
Instrument :
BNA_E
ClientSampleId :
ICVBE040816

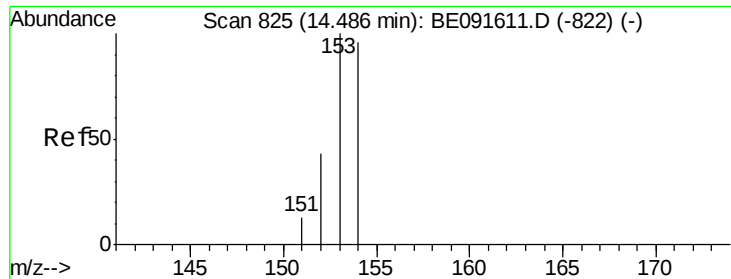
Tot Ion:172 Resp: 11668
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.1 19.3 28.9



#16
Acenaphthylene
Concen: 0.38 ng
RT: 14.14 min Scan# 799
Delta R.T. 0.00 min
Lab File: BE091614.D
Acq: 8 Apr 2016 16:28

Tgt Ion:152 Resp: 15454
Ion Ratio Lower Upper
152 100
151 24.2 3.9 5.9#
153 18.1 10.3 15.5#

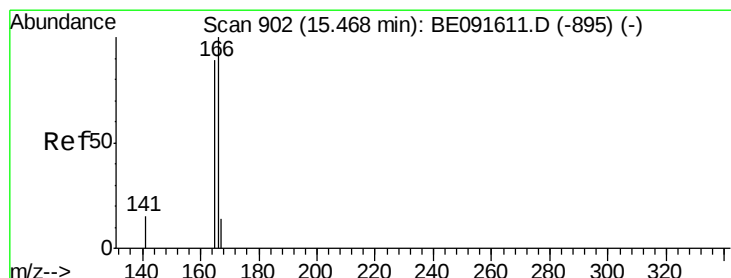
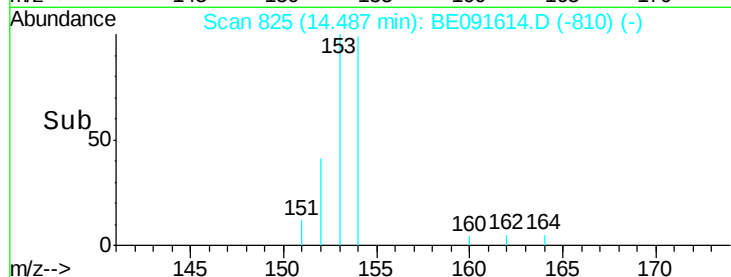
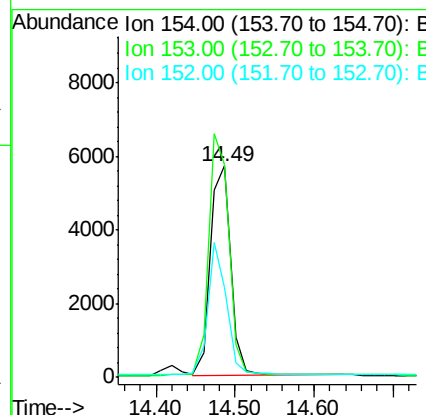
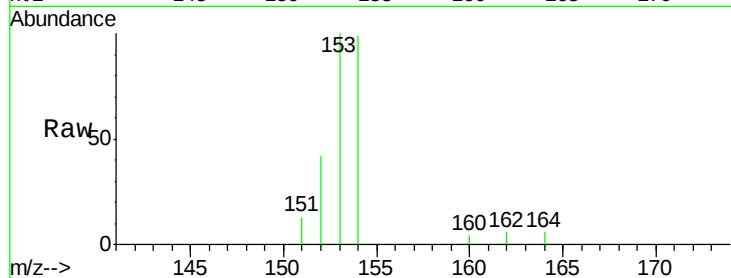




#17
Acenaphthene
Concen: 0.39 ng
RT: 14.49 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE091614.D
Acq: 8 Apr 2016 16:28

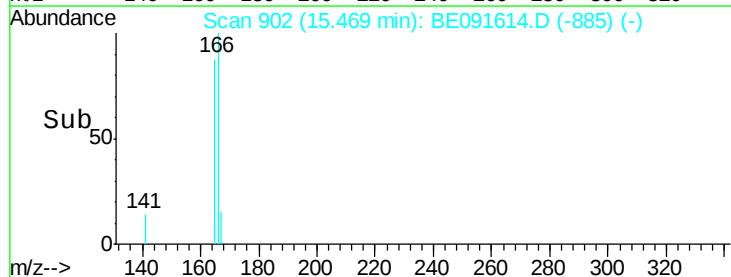
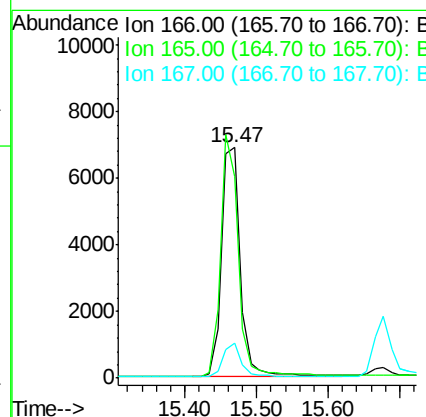
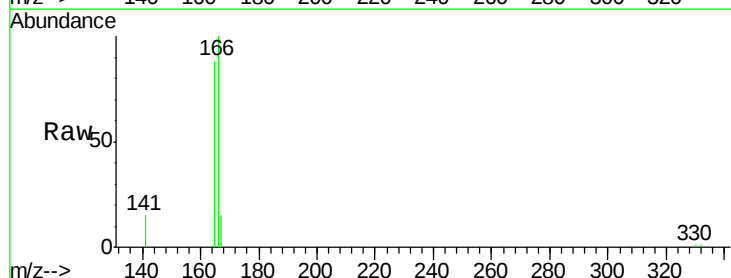
Instrument :
BNA_E
ClientSampleId :
ICVBE040816

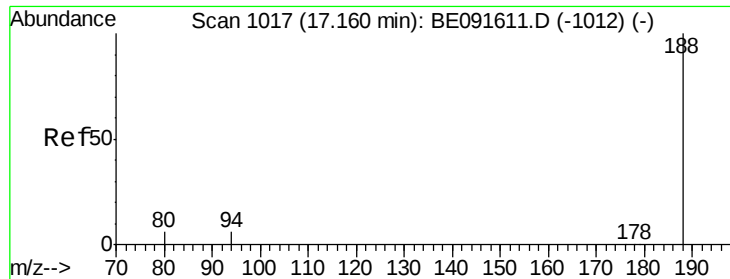
Tot Ion:154 Resp: 10178
Ion Ratio Lower Upper
154 100
153 115.5 80.0 120.0
152 57.4 40.0 60.0



#18
Fluorene
Concen: 0.39 ng
RT: 15.47 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE091614.D
Acq: 8 Apr 2016 16:28

Tgt Ion:166 Resp: 12522
Ion Ratio Lower Upper
166 100
165 98.7 80.8 121.2
167 13.4 10.9 16.3

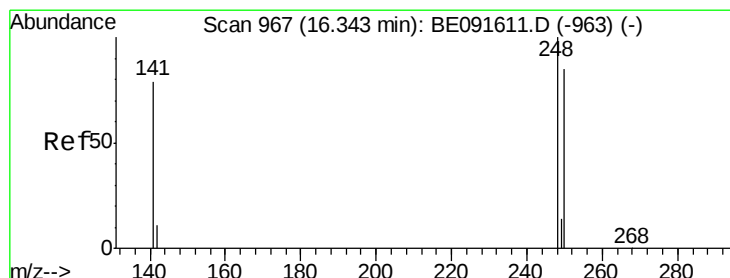
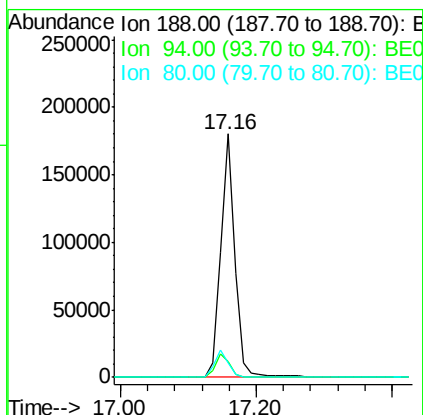
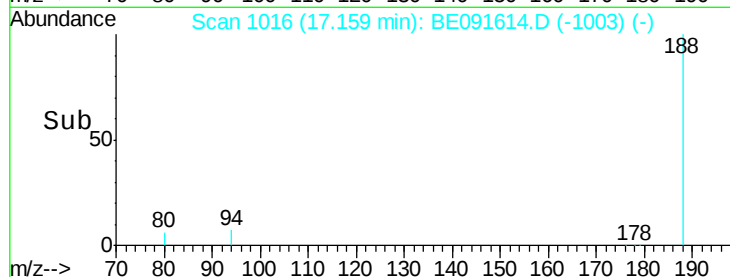
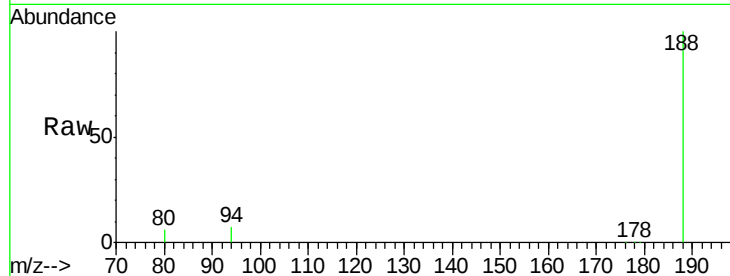




#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091614.D
Acq: 8 Apr 2016 16:28

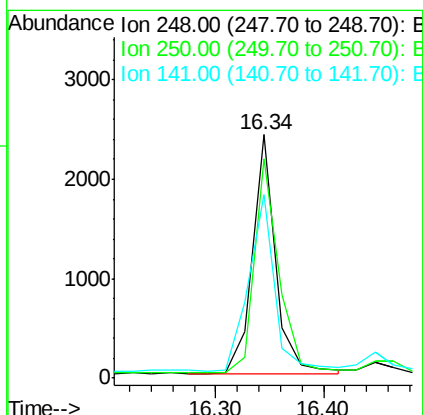
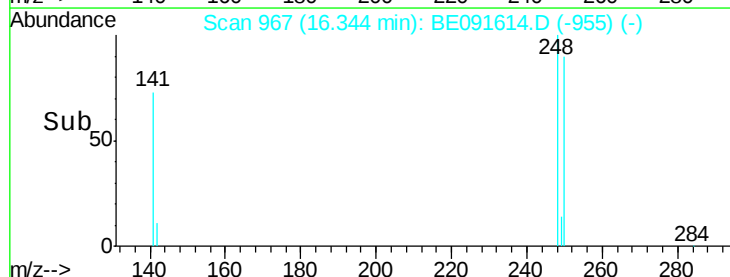
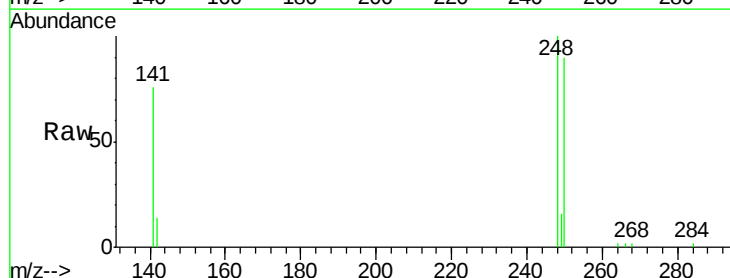
Instrument :
BNA_E
ClientSampleId :
ICVBE040816

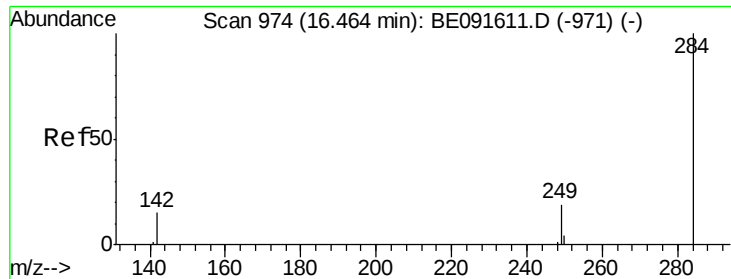
Tot Ion:188 Resp: 267081
Ion Ratio Lower Upper
188 100
94 6.7 8.7 13.1#
80 6.0 9.4 14.0#



#20
4-Bromophenyl-phenylether
Concen: 0.38 ng
RT: 16.34 min Scan# 967
Delta R.T. 0.00 min
Lab File: BE091614.D
Acq: 8 Apr 2016 16:28

Tgt Ion:248 Resp: 3572
Ion Ratio Lower Upper
248 100
250 96.5 80.5 120.7
141 82.6 72.0 108.0

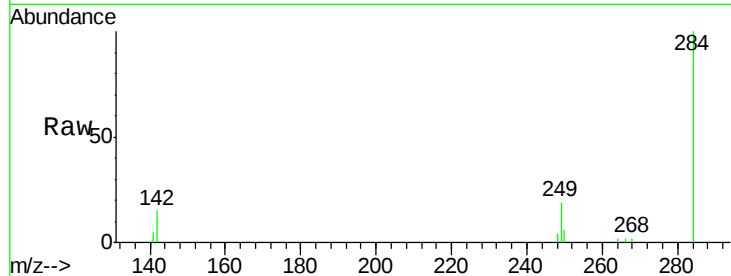




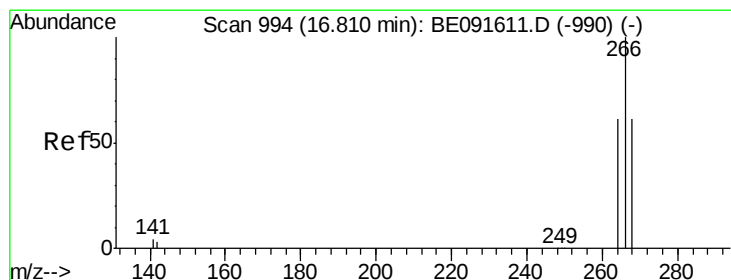
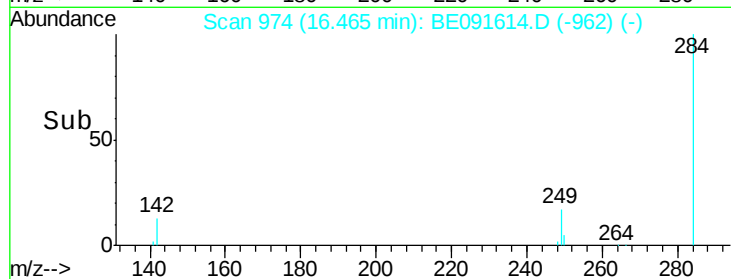
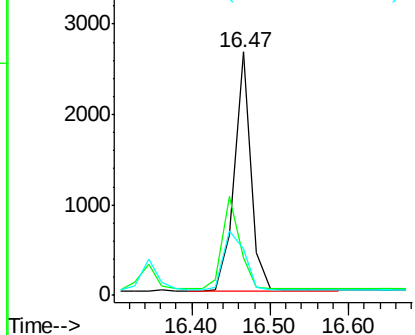
#21
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.47 min Scan# 974
Delta R.T. 0.00 min
Lab File: BE091614.D
Acq: 8 Apr 2016 16:28

Instrument :
BNA_E
ClientSampleId :
ICVBE040816

Tot Ion:284 Resp: 3904
Ion Ratio Lower Upper
284 100
142 40.1 32.2 48.2
249 31.0 25.4 38.2

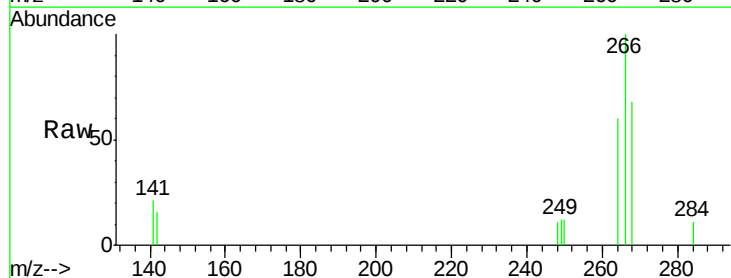


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

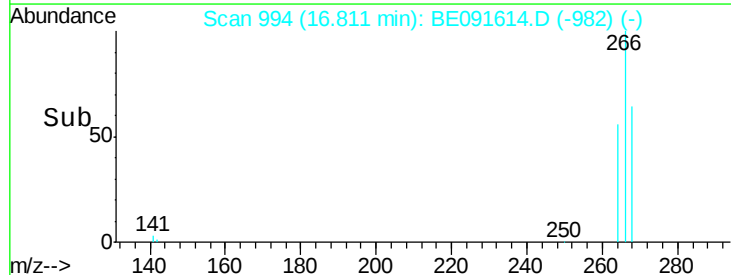
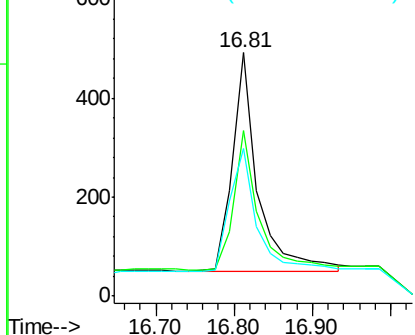


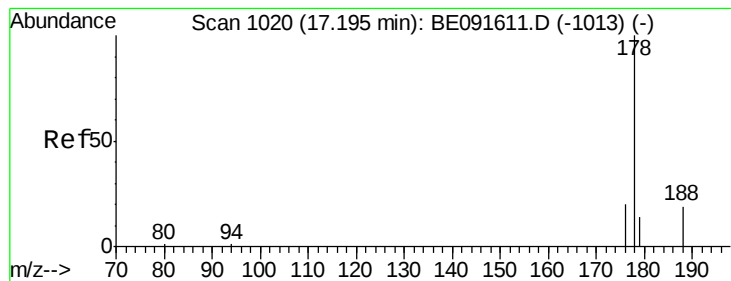
#22
Pentachlorophenol
Concen: 0.41 ng
RT: 16.81 min Scan# 994
Delta R.T. 0.00 min
Lab File: BE091614.D
Acq: 8 Apr 2016 16:28

Tgt Ion:266 Resp: 986
Ion Ratio Lower Upper
266 100
268 68.1 58.2 87.2
264 60.4 56.2 84.4



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





#23

Phenanthrene

Concen: 0.40 ng

RT: 17.19 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE091614.D

Acq: 8 Apr 2016 16:28

Instrument :

BNA_E

ClientSampleId :

ICVBE040816

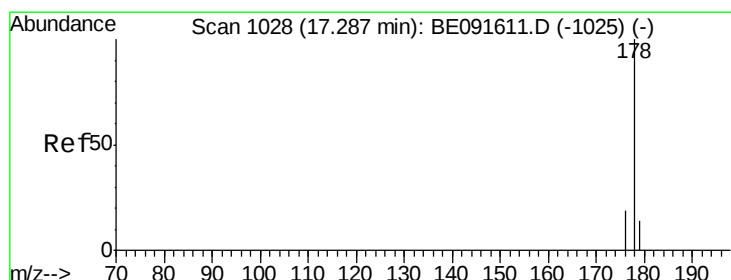
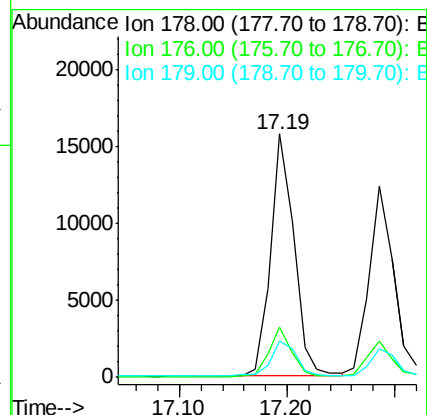
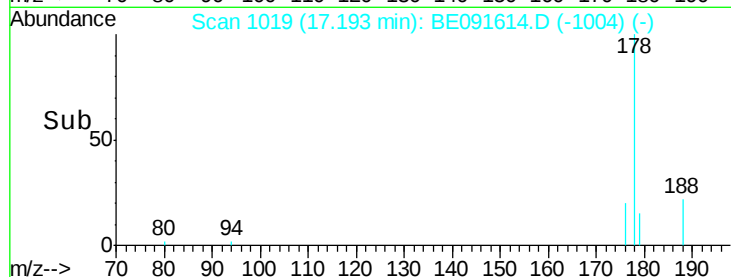
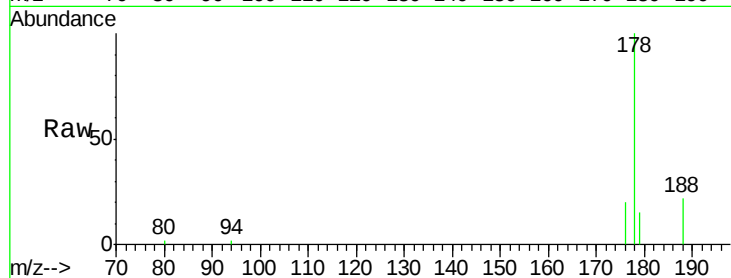
Tot Ion:178 Resp: 24223

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 16.1 12.6 18.8



#24

Anthracene

Concen: 0.38 ng

RT: 17.29 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BE091614.D

Acq: 8 Apr 2016 16:28

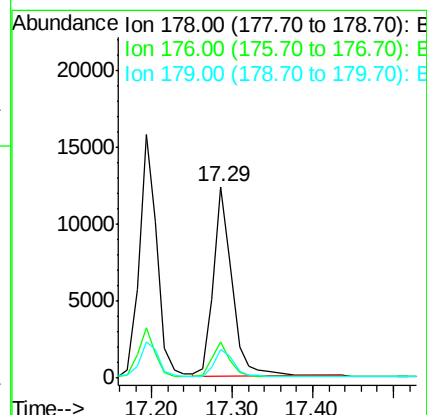
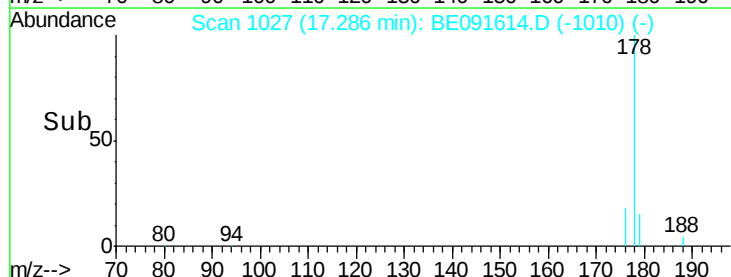
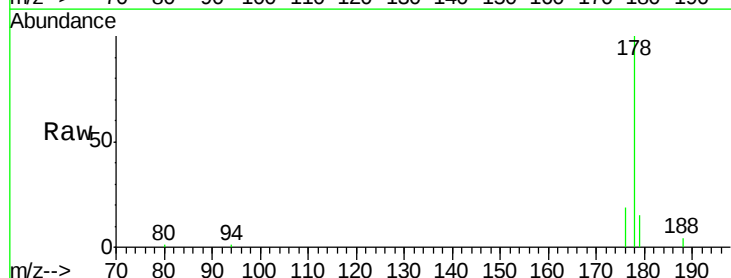
Tgt Ion:178 Resp: 20325

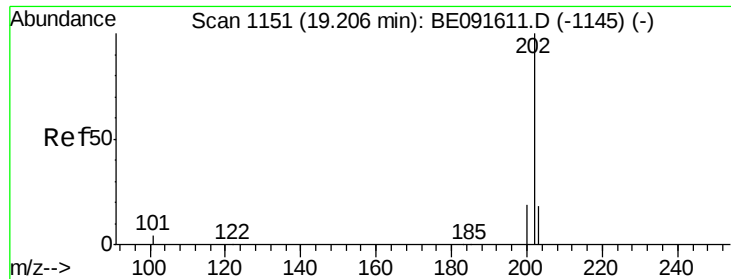
Ion Ratio Lower Upper

178 100

176 18.6 14.6 21.8

179 15.4 11.8 17.6





#25

Fluoranthene

Concen: 0.37 ng

RT: 19.21 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091614.D

Acq: 8 Apr 2016 16:28

Instrument :

BNA_E

ClientSampleId :

ICVBE040816

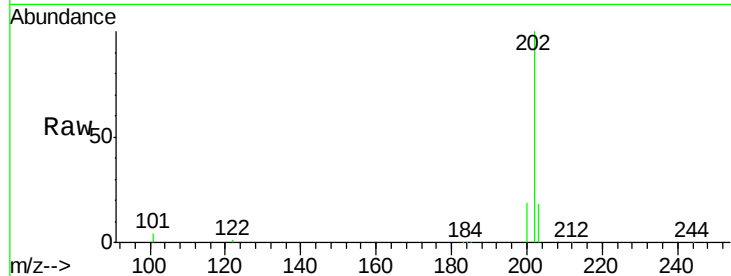
Tot Ion:202 Resp: 23793

Ion Ratio Lower Upper

202 100

101 10.8 11.0 16.6#

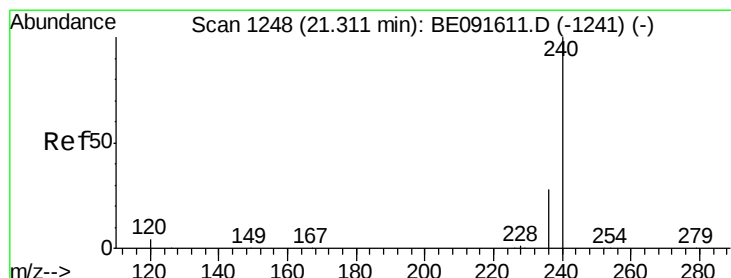
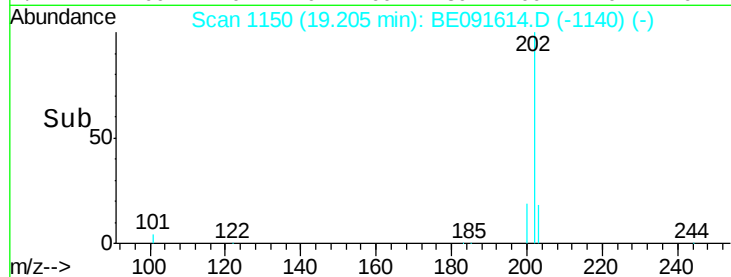
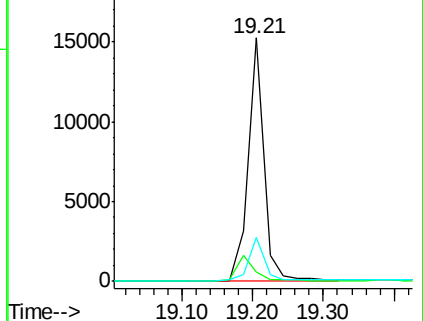
203 17.6 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091614.D

Acq: 8 Apr 2016 16:28

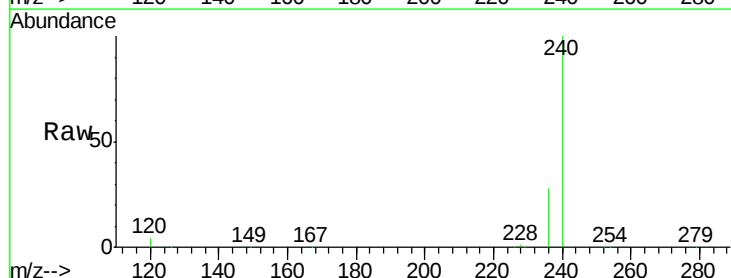
Tgt Ion:240 Resp: 340181

Ion Ratio Lower Upper

240 100

120 3.6 11.0 16.4#

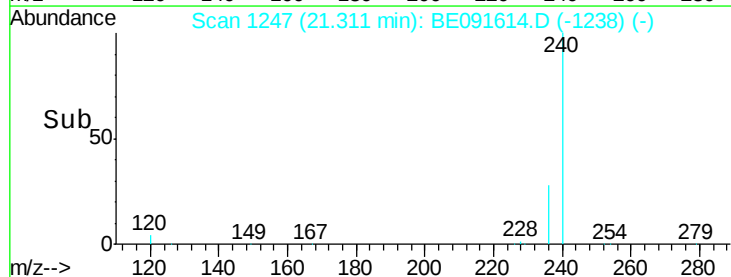
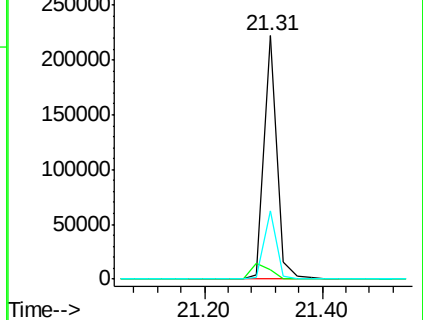
236 28.0 21.7 32.5

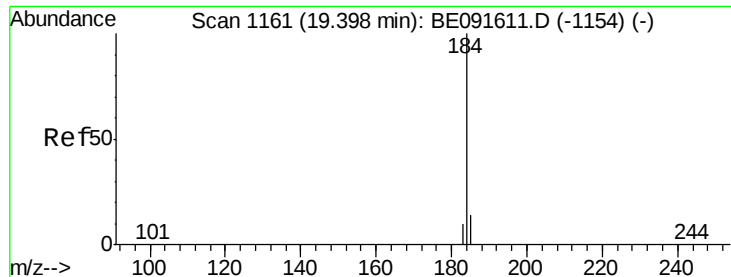


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.48 ng

RT: 19.40 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE091614.D

Acq: 8 Apr 2016 16:28

Instrument :

BNA_E

ClientSampleId :

ICVBE040816

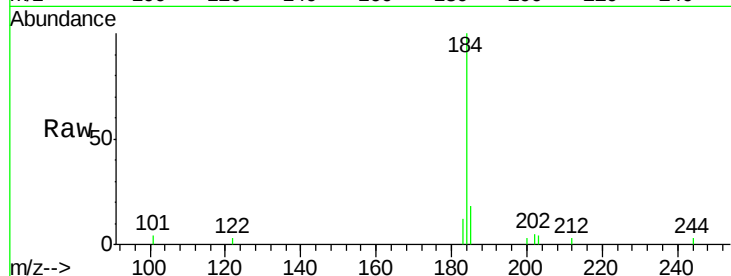
Tot Ion:184 Resp: 5305

Ion Ratio Lower Upper

184 100

185 17.6 22.3 33.5#

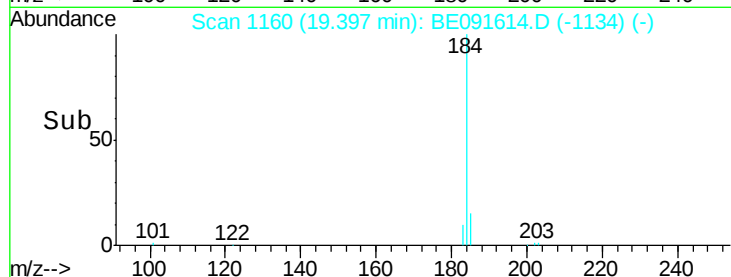
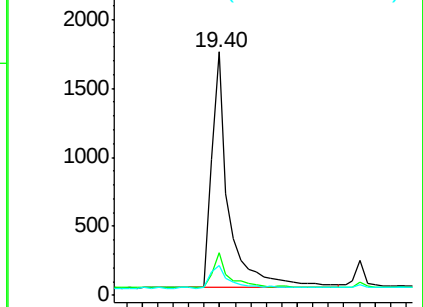
183 12.4 16.4 24.6#



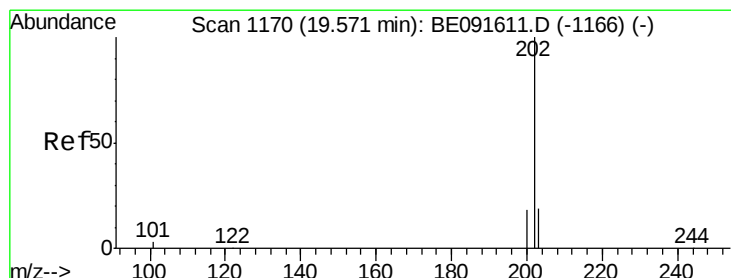
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#28

Pyrene

Concen: 0.35 ng

RT: 19.57 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091614.D

Acq: 8 Apr 2016 16:28

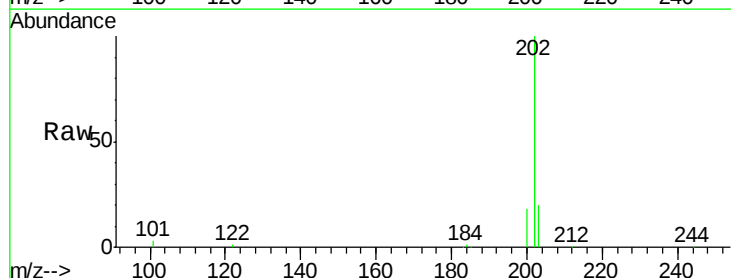
Tgt Ion:202 Resp: 24041

Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

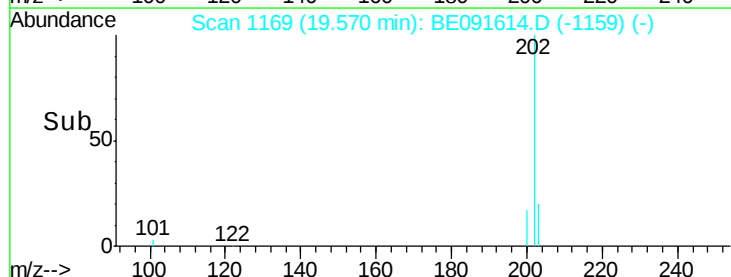
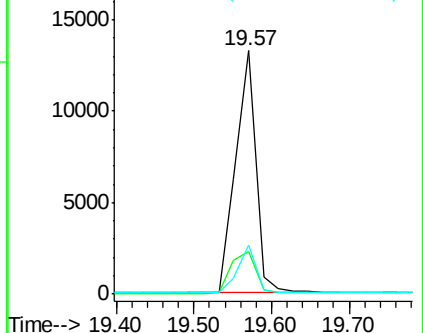
203 18.0 14.0 21.0



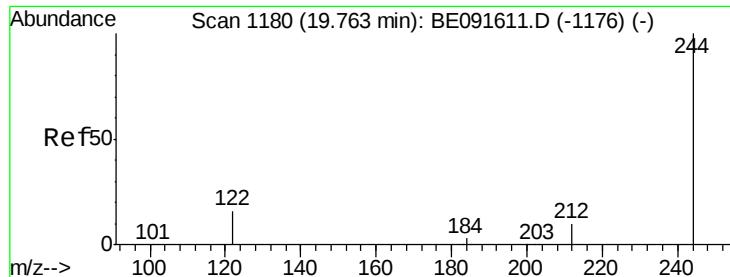
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#29

Terphenyl-d14

Concen: 0.38 ng

RT: 19.76 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BE091614.D

Acq: 8 Apr 2016 16:28

Instrument :

BNA_E

ClientSampleId :

ICVBE040816

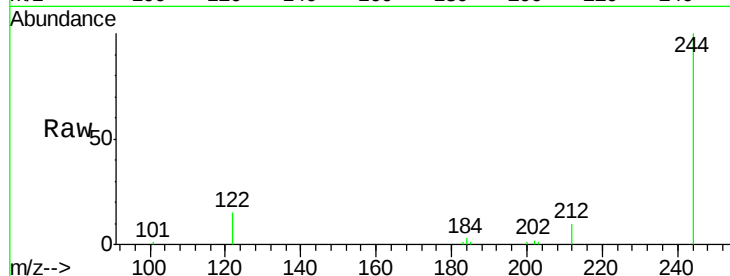
Tot Ion:244 Resp: 16032

Ion Ratio Lower Upper

244 100

212 10.2 6.9 10.3

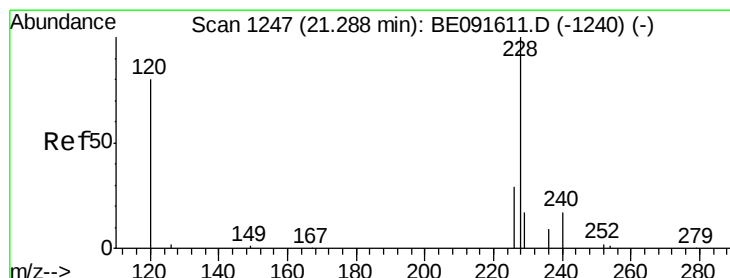
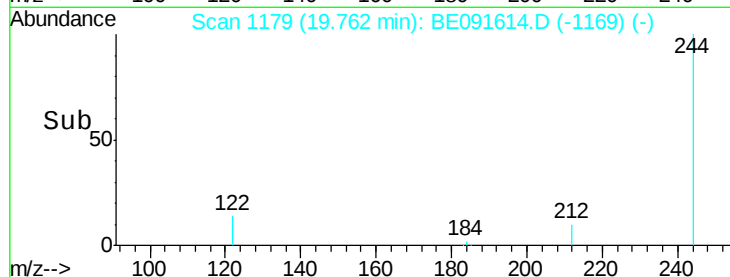
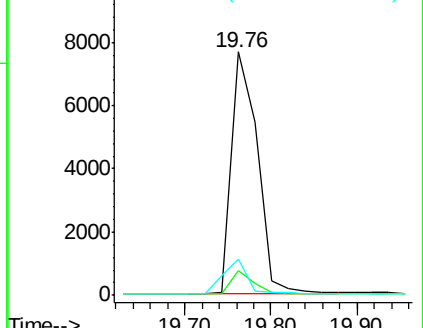
122 14.9 11.0 16.4



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



#30

Benzo(a)anthracene

Concen: 0.72 ng

RT: 21.29 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BE091614.D

Acq: 8 Apr 2016 16:28

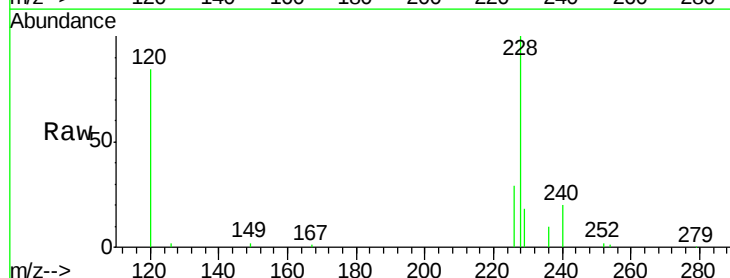
Tgt Ion:228 Resp: 55090

Ion Ratio Lower Upper

228 100

226 28.8 21.0 31.4

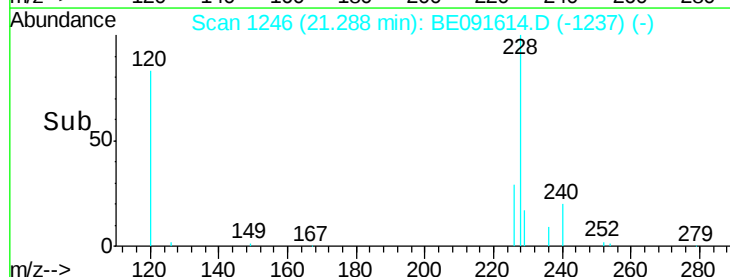
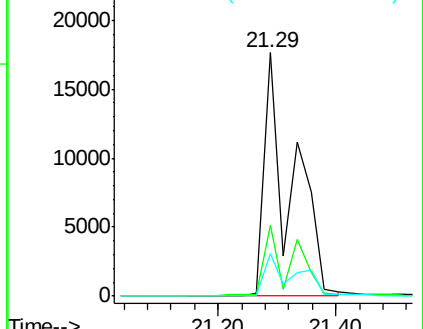
229 17.7 15.7 23.5

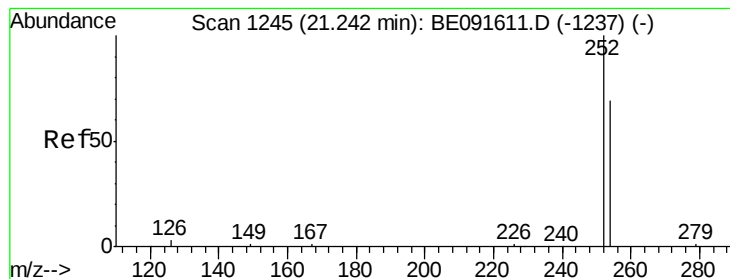


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 0.36 ng

RT: 21.24 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BE091614.D

Acq: 8 Apr 2016 16:28

Instrument :

BNA_E

ClientSampleId :

ICVBE040816

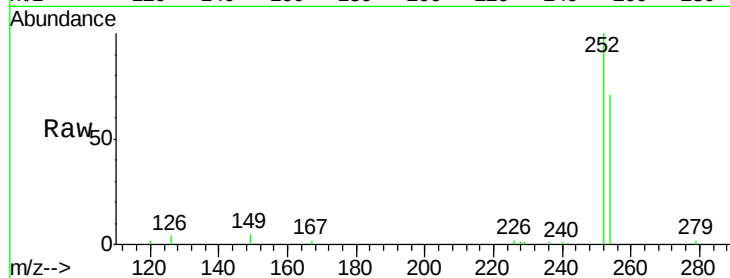
Tot Ion:252 Resp: 11706

Ion Ratio Lower Upper

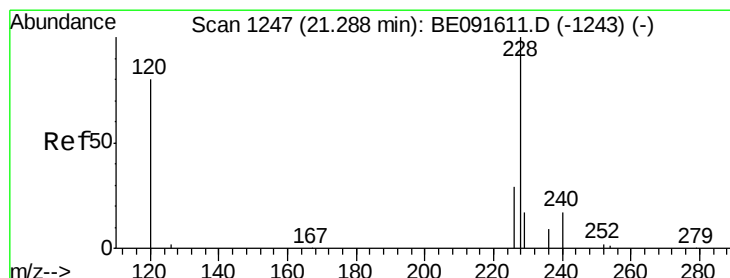
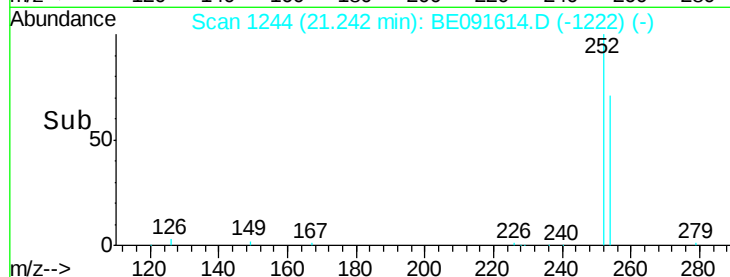
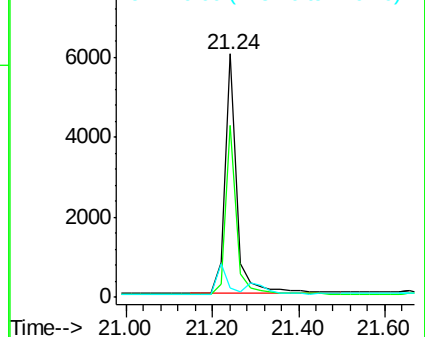
252 100

254 70.5 51.1 76.7

126 4.1 12.6 18.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#32

Chrysene

Concen: 0.80 ng

RT: 21.29 min Scan# 1246

Delta R.T. -0.07 min

Lab File: BE091614.D

Acq: 8 Apr 2016 16:28

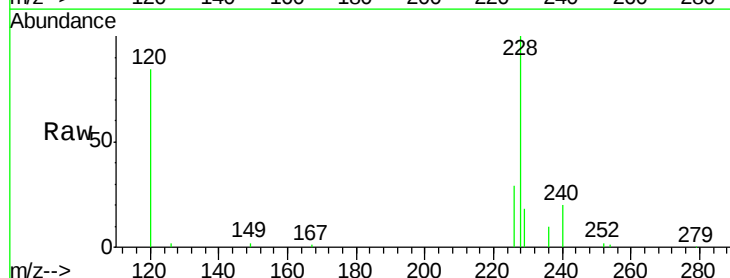
Tgt Ion:228 Resp: 55508

Ion Ratio Lower Upper

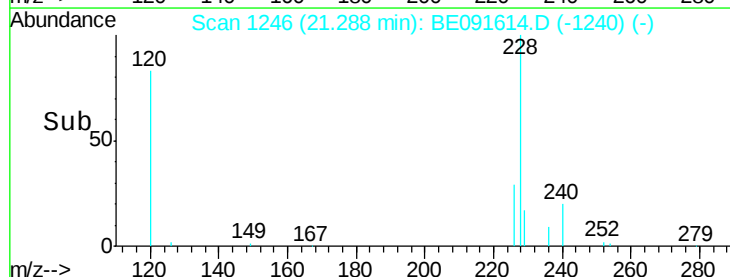
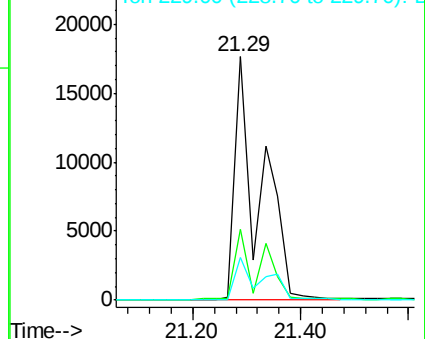
228 100

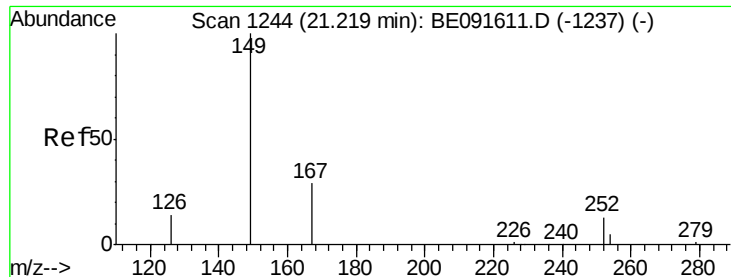
226 28.8 24.0 36.0

229 17.7 15.9 23.9



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

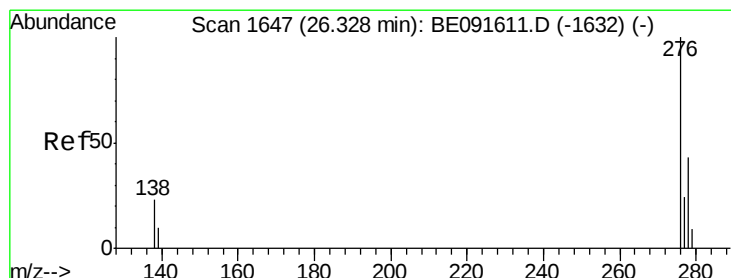
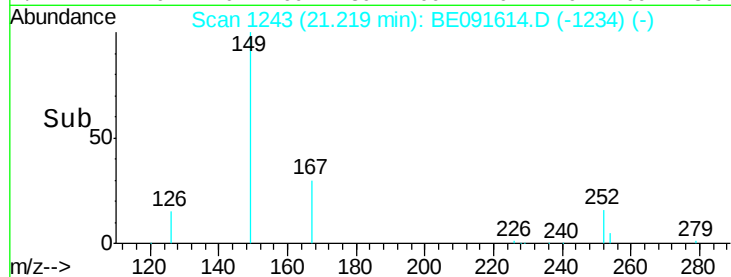
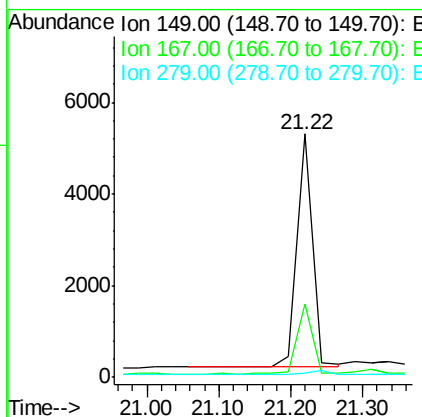
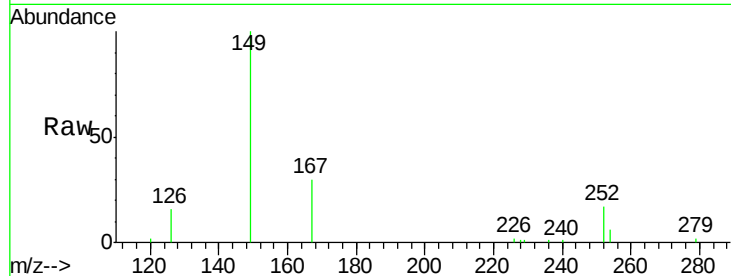




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.39 ng
 RT: 21.22 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BE091614.D
 Acq: 8 Apr 2016 16:28

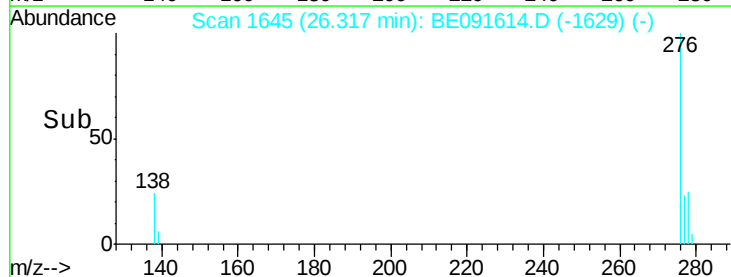
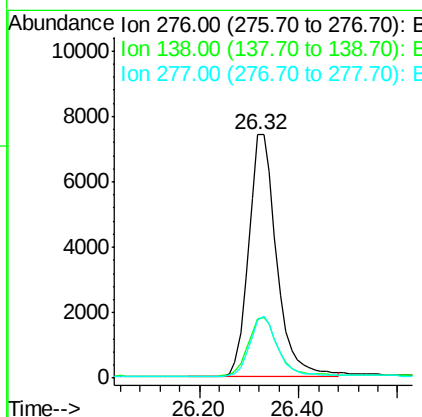
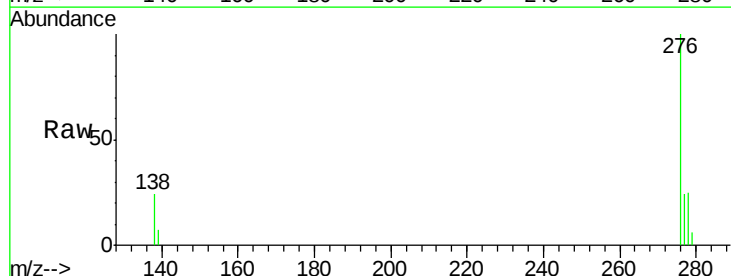
Instrument :
 BNA_E
 ClientSampleId :
 ICVBE040816

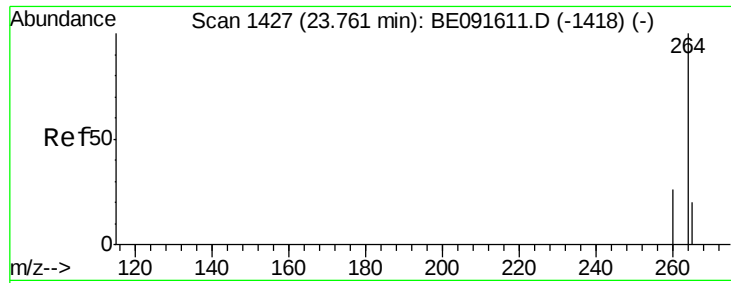
Tot Ion:149 Resp: 7587
 Ion Ratio Lower Upper
 149 100
 167 29.7 19.5 29.3#
 279 0.0 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.38 ng
 RT: 26.32 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BE091614.D
 Acq: 8 Apr 2016 16:28

Tgt Ion:276 Resp: 29198
 Ion Ratio Lower Upper
 276 100
 138 25.6 23.4 35.2
 277 24.5 19.8 29.8

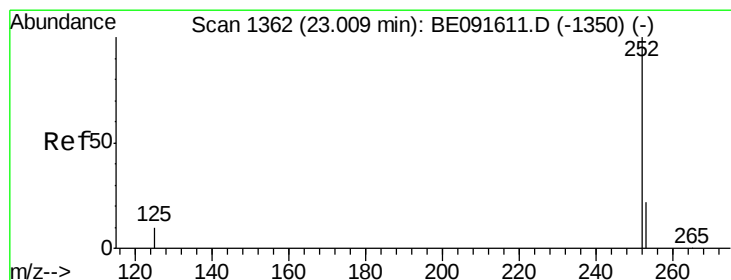
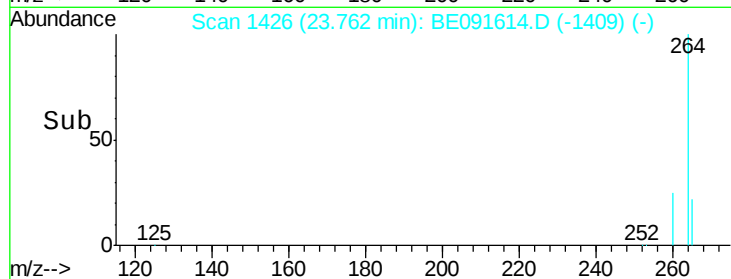
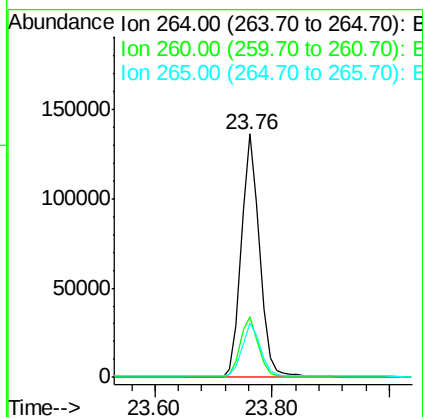
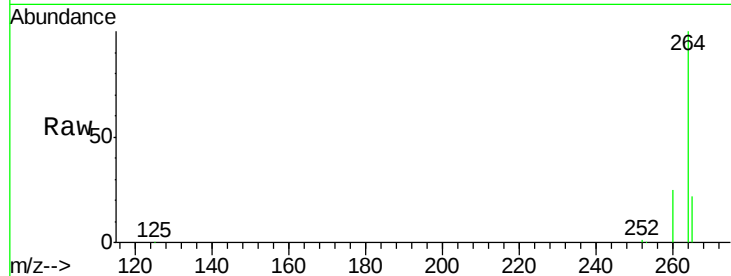




#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.76 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BE091614.D
Acq: 8 Apr 2016 16:28

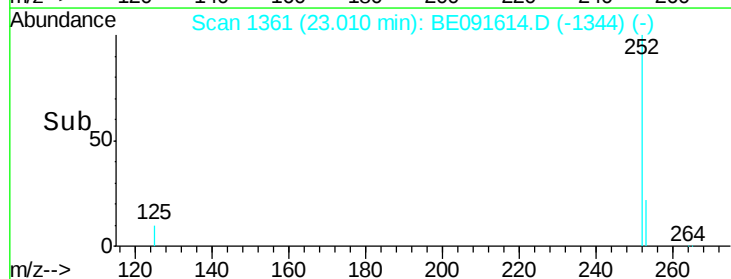
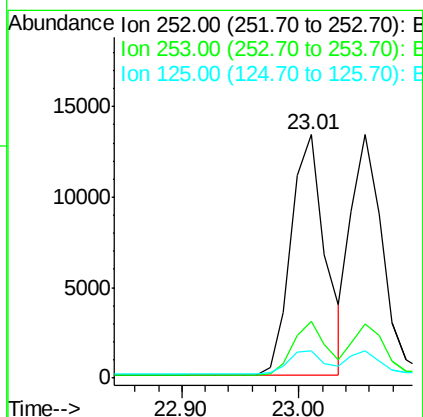
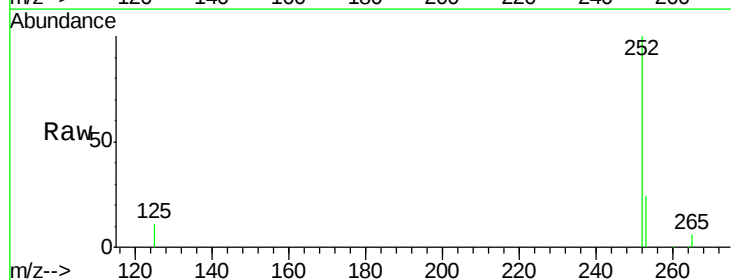
Instrument :
BNA_E
ClientSampleId :
ICVBE040816

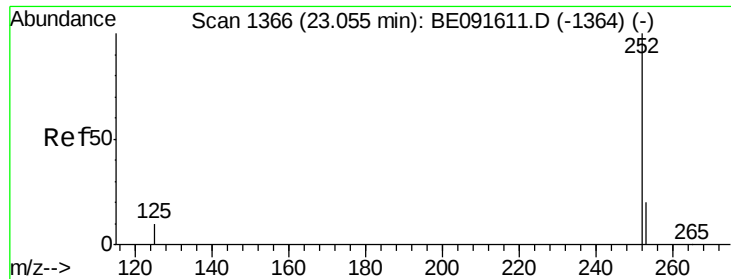
Tot Ion:264 Resp: 295878
Ion Ratio Lower Upper
264 100
260 25.0 20.0 30.0
265 22.2 17.5 26.3



#36
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 23.01 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BE091614.D
Acq: 8 Apr 2016 16:28

Tgt Ion:252 Resp: 27083
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.0
125 11.5 10.2 15.2





#37

Benzo(k)fluoranthene

Concen: 0.37 ng

RT: 23.06 min Scan# 1365

Delta R.T. 0.00 min

Lab File: BE091614.D

Acq: 8 Apr 2016 16:28

Instrument :

BNA_E

ClientSampleId :

ICVBE040816

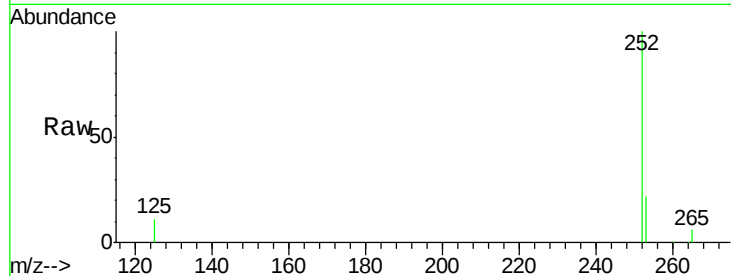
Tot Ion:252 Resp: 25135

Ion Ratio Lower Upper

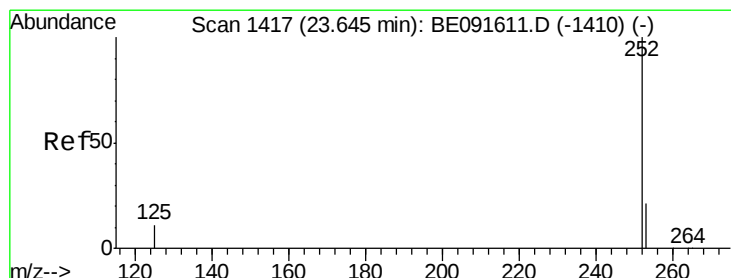
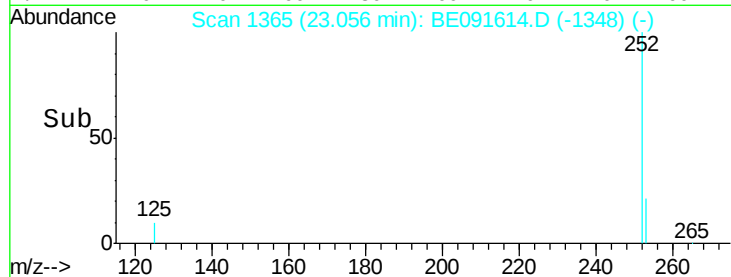
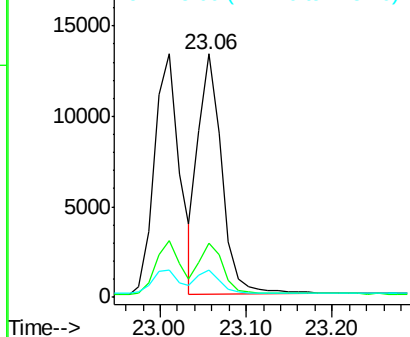
252 100

253 22.0 17.6 26.4

125 11.1 9.9 14.9



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



#38

Benzo(a)pyrene

Concen: 0.38 ng

RT: 23.65 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BE091614.D

Acq: 8 Apr 2016 16:28

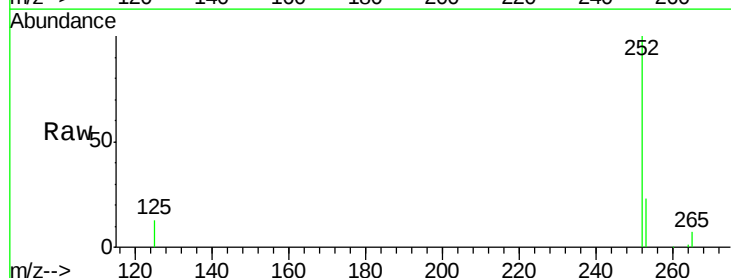
Tgt Ion:252 Resp: 23980

Ion Ratio Lower Upper

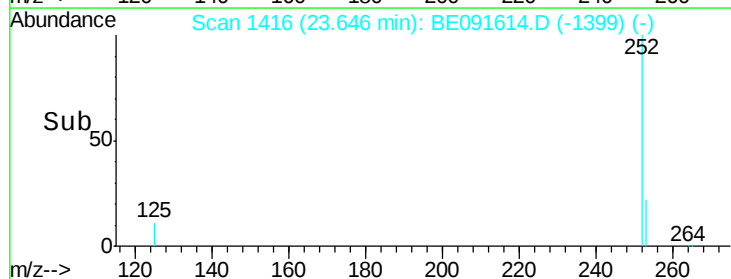
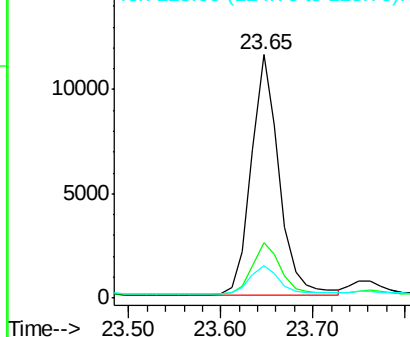
252 100

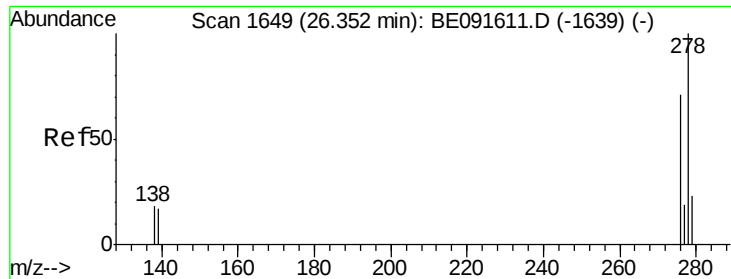
253 22.9 18.1 27.1

125 13.2 11.0 16.4



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





#39

Dibenzo(a,h)anthracene

Concen: 0.38 ng

RT: 26.35 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BE091614.D

Acq: 8 Apr 2016 16:28

Instrument :

BNA_E

ClientSampleId :

ICVBE040816

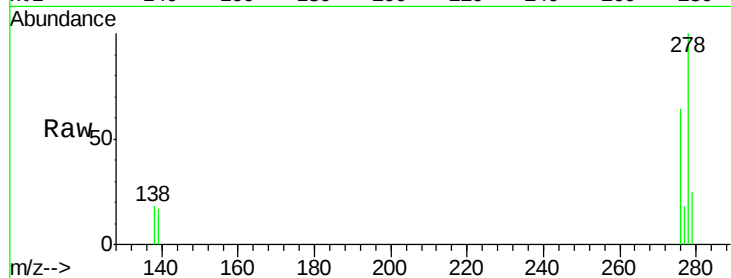
Tot Ion:278 Resp: 23704

Ion Ratio Lower Upper

278 100

139 17.4 16.0 24.0

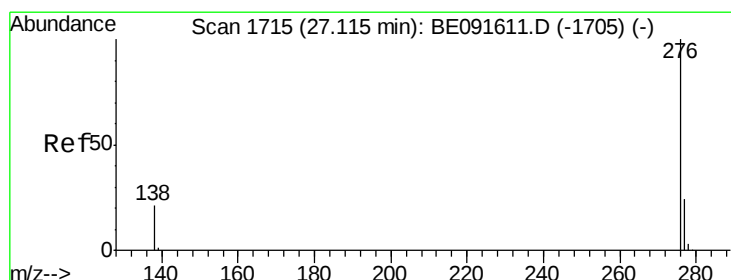
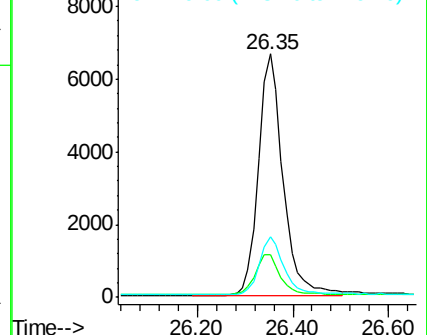
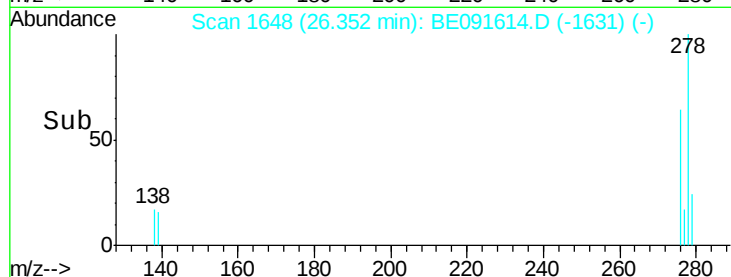
279 25.0 19.4 29.2



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



#40

Benzo(g,h,i)perylene

Concen: 0.38 ng

RT: 27.12 min Scan# 1714

Delta R.T. 0.00 min

Lab File: BE091614.D

Acq: 8 Apr 2016 16:28

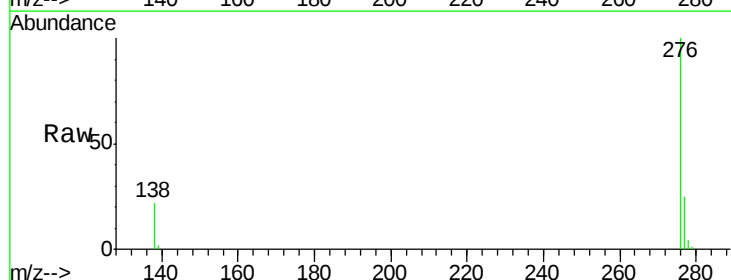
Tgt Ion:276 Resp: 24671

Ion Ratio Lower Upper

276 100

277 24.5 18.6 28.0

138 22.2 20.4 30.6



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

