

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042716\
 Data File : BE091727.D
 Acq On : 27 Apr 2016 15:39
 Operator : UM/SJ
 Sample : H2661-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MSD

Quant Time: Apr 28 03:12:46 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 26 16:09:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	37106	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	170921	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	100970	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	249266	5.00	ng	0.00
26) Chrysene-d12	21.31	240	280110	5.00	ng	0.00
35) Perylene-d12	23.75	264	296034	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	78455	8.61	ng	0.00
5) Phenol-d6	6.95	99	115495	9.56	ng	0.00
8) Nitrobenzene-d5	8.95	82	50901	4.61	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	34037	9.03	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	130762	4.58	ng	0.00
29) Terphenyl-d14	19.76	244	217233	4.97	ng	0.00

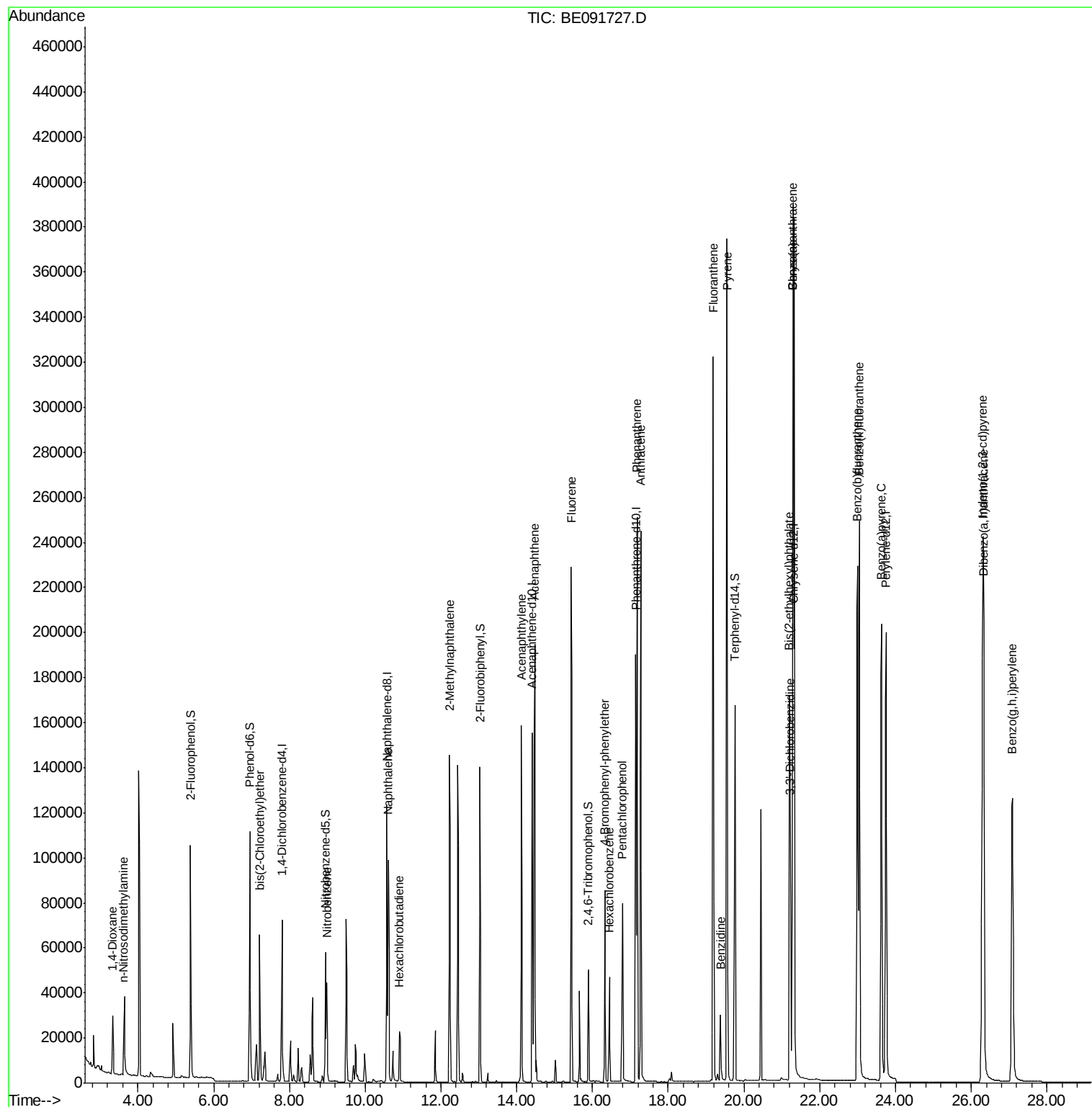
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	16425	3.78	ng	# 85
3) n-Nitrosodimethylamine	3.63	42	30184	4.48	ng	91
6) bis(2-Chloroethyl)ether	7.21	93	46950	4.41	ng	# 75
9) Nitrobenzene	8.99	77	54417	4.72	ng	# 93
10) Naphthalene	10.61	128	154956	4.49	ng	97
11) Hexachlorobutadiene	10.90	225	23503	4.61	ng	97
12) 2-Methylnaphthalene	12.22	142	109514	4.94	ng	94
16) Acenaphthylene	14.12	152	195962	5.05	ng	# 86
17) Acenaphthene	14.47	154	125854	5.00	ng	99
18) Fluorene	15.45	166	152054	4.86	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	43201	4.82	ng	96
21) Hexachlorobenzene	16.45	284	42858	4.78	ng	98
22) Pentachlorophenol	16.79	266	51295	10.55	ng	89
23) Phenanthrene	17.18	178	271821	4.80	ng	99
24) Anthracene	17.28	178	264667	5.18	ng	98
25) Fluoranthene	19.19	202	329408	5.56	ng	# 97
27) Benzidine	19.38	184	43203	2.05	ng	# 78
28) Pyrene	19.55	202	362019	5.72	ng	99
30) Benzo(a)anthracene	21.29	228	360969	5.28	ng	92
31) 3,3'-Dichlorobenzidine	21.22	252	79024	2.26	ng	# 85
32) Chrysene	21.29	228	360965	5.08	ng	# 88
33) Bis(2-ethylhexyl)phthalate	21.20	149	217112	10.47	ng	# 87
34) Indeno(1,2,3-cd)pyrene	26.31	276	360633	5.70	ng	97
36) Benzo(b)fluoranthene	23.00	252	372235	5.37	ng	# 95
37) Benzo(k)fluoranthene	23.04	252	324210	4.60	ng	# 96
38) Benzo(a)pyrene	23.63	252	328734	5.03	ng	# 97
39) Dibenzo(a,h)anthracene	26.33	278	302022	4.88	ng	# 95
40) Benzo(g,h,i)perylene	27.09	276	305333	4.85	ng	95

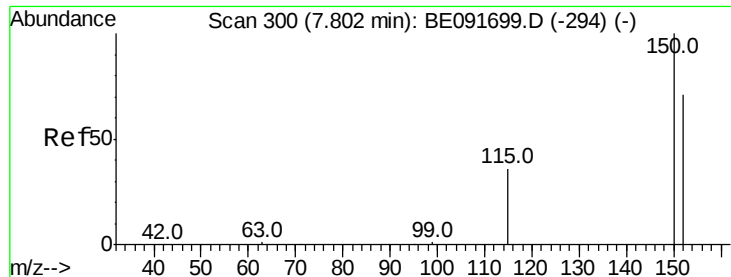
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. 0.00 min

Lab File: BE091727.D

Acq: 27 Apr 2016 15:39

Instrument :

BNA_E

ClientSampleId :

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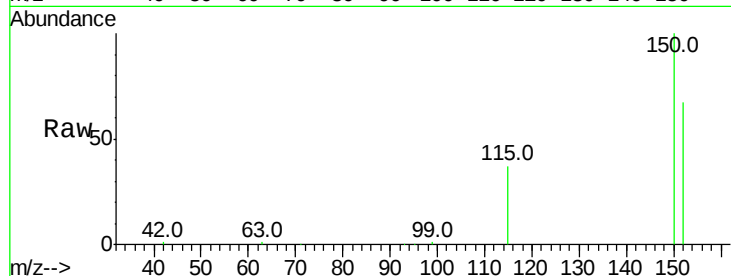
Tot Ion:152 Resp: 37106

Ion Ratio Lower Upper

152 100

150 149.4 122.6 183.8

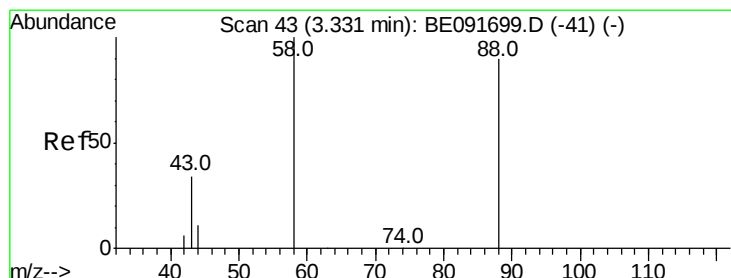
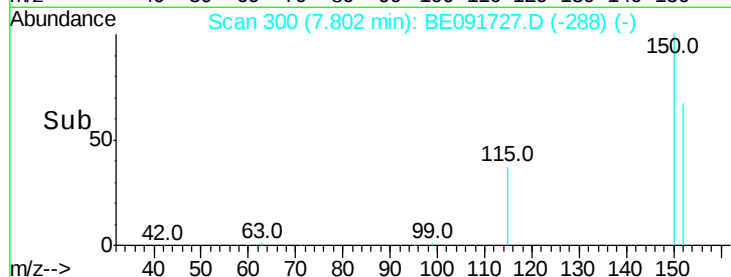
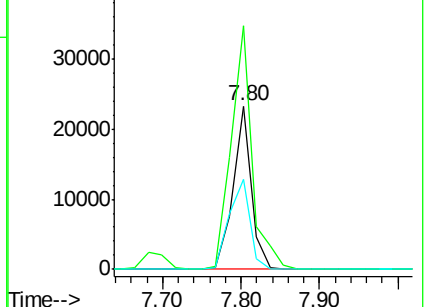
115 55.2 52.8 79.2



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: 3.78 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091727.D

Acq: 27 Apr 2016 15:39

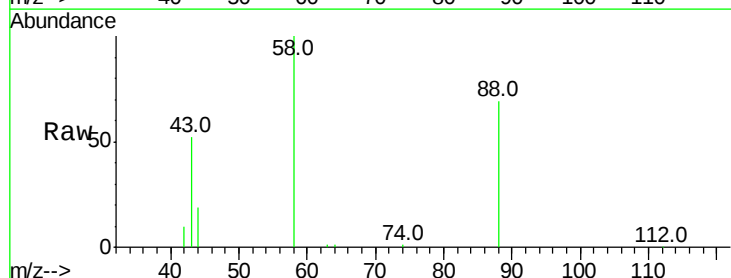
Tgt Ion: 88 Resp: 16425

Ion Ratio Lower Upper

88 100

58 92.4 65.8 98.6

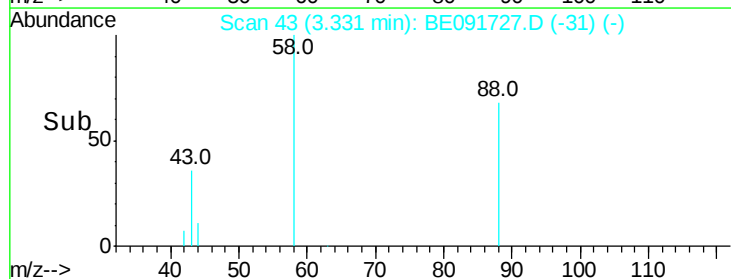
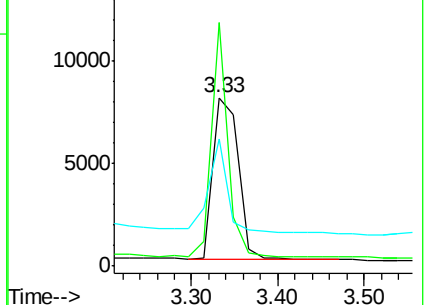
43 45.9 25.3 37.9#



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

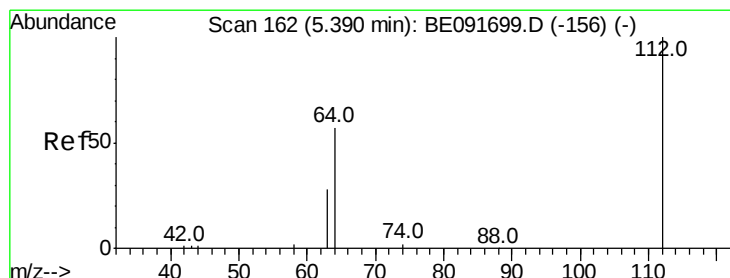
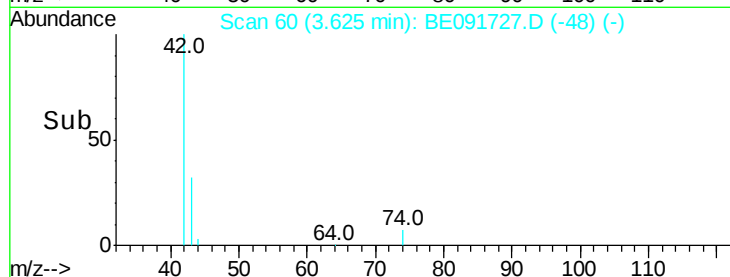
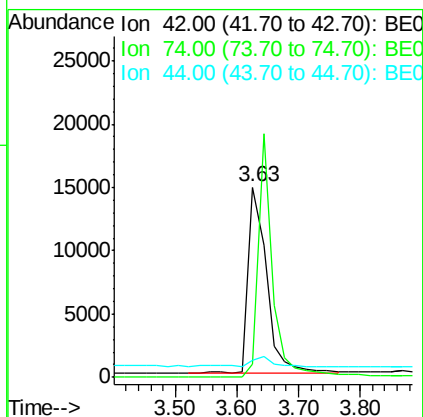
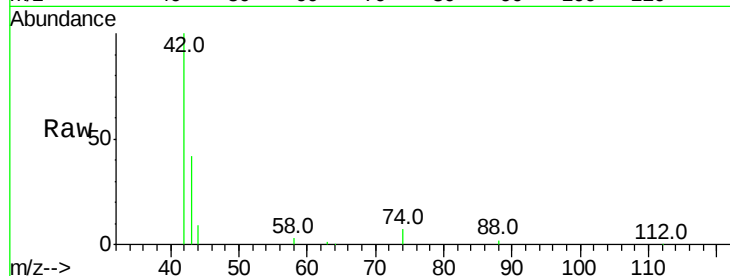




#3
 n-Nitrosodimethylamine
 Concen: 4.48 ng
 RT: 3.63 min Scan# 60
 Delta R.T. 0.00 min
 Lab File: BE091727.D
 Acq: 27 Apr 2016 15:39

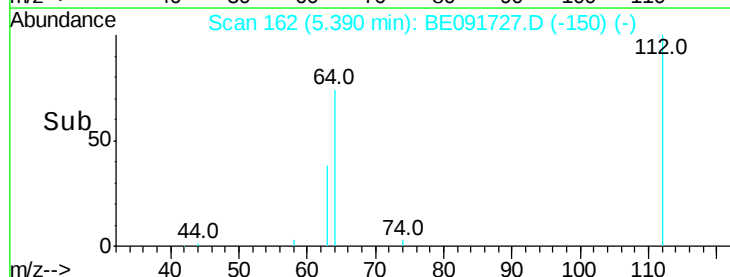
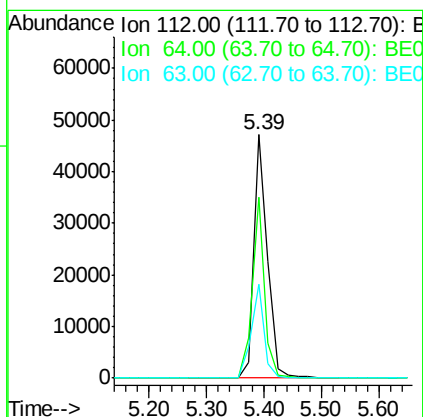
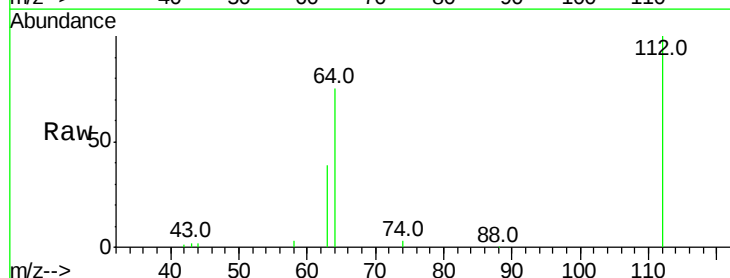
Instrument :
 BNA_E
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MSD

Tot Ion: 42 Resp: 30184
 Ion Ratio Lower Upper
 42 100
 74 100.0 87.9 131.9
 44 6.7 6.6 9.8



#4
 2-Fluorophenol
 Concen: 8.61 ng
 RT: 5.39 min Scan# 162
 Delta R.T. 0.00 min
 Lab File: BE091727.D
 Acq: 27 Apr 2016 15:39

Tgt Ion: 112 Resp: 78455
 Ion Ratio Lower Upper
 112 100
 64 67.3 30.9 46.3#
 63 36.2 16.7 25.1#





#5

Phenol-d6

Concen: 9.56 ng

RT: 6.95 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091727.D

Acq: 27 Apr 2016 15:39

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

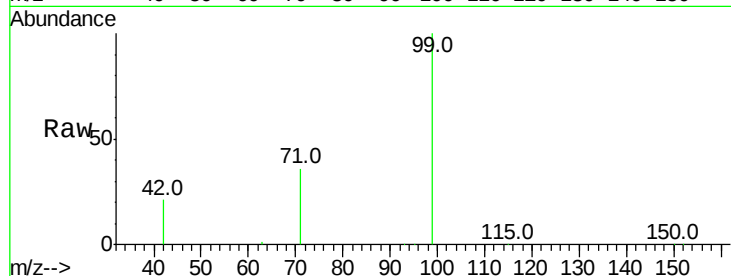
Tot Ion: 99 Resp: 115495

Ion Ratio Lower Upper

99 100

42 25.9 16.2 24.2#

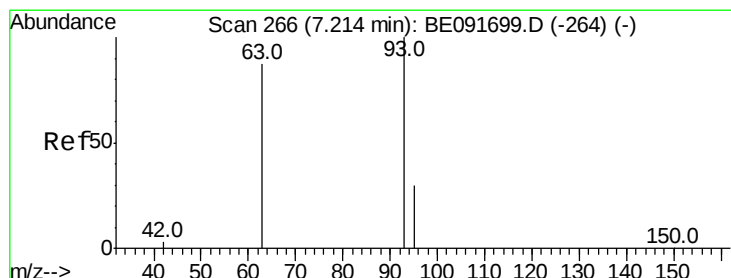
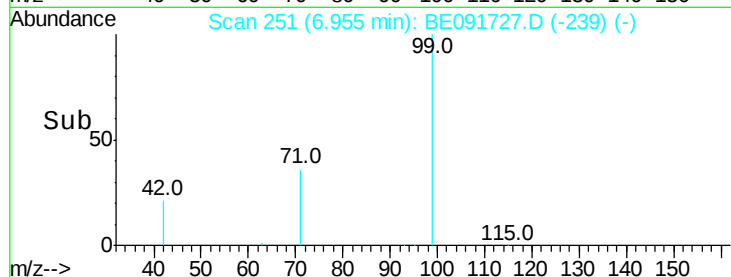
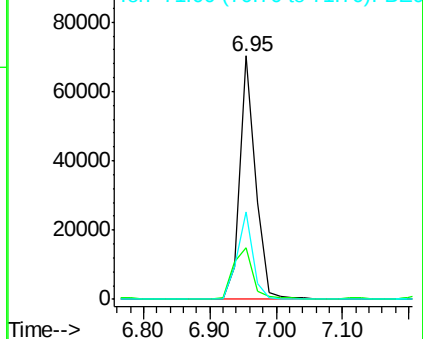
71 35.9 29.0 43.4



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: 4.41 ng

RT: 7.21 min Scan# 266

Delta R.T. 0.00 min

Lab File: BE091727.D

Acq: 27 Apr 2016 15:39

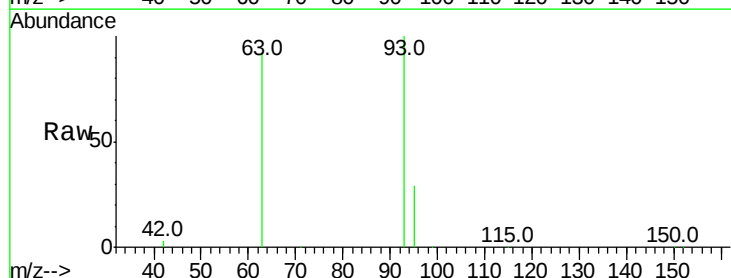
Tgt Ion: 93 Resp: 46950

Ion Ratio Lower Upper

93 100

63 86.3 49.5 74.3#

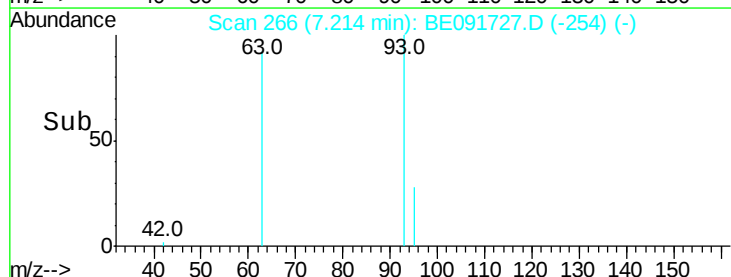
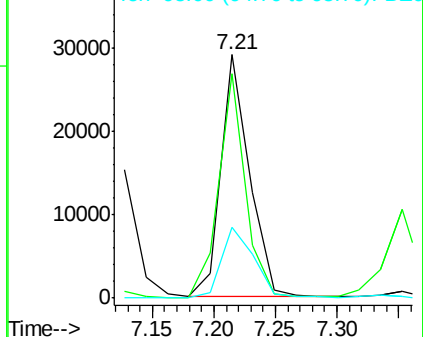
95 32.4 22.2 33.4

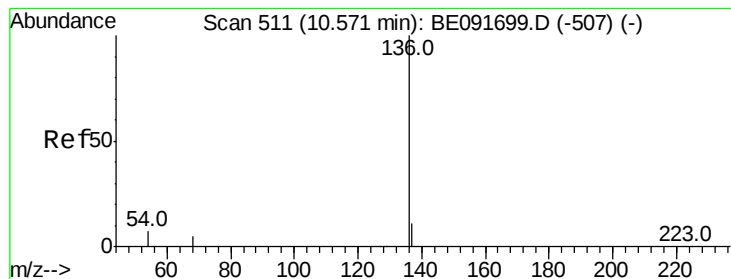


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.57 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE091727.D

Acq: 27 Apr 2016 15:39

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

Tot Ion:136 Resp: 170921

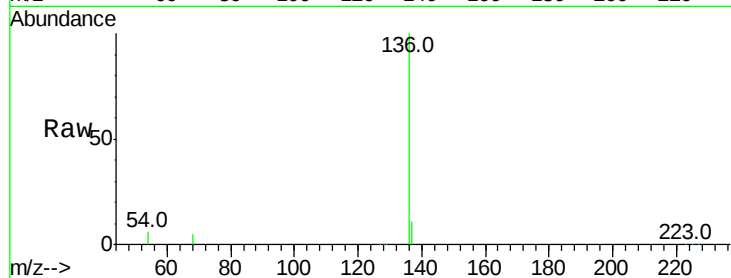
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.2 8.2 12.4#

68 4.8 6.2 9.4#

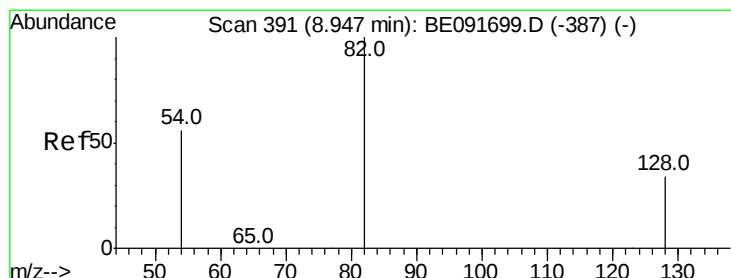
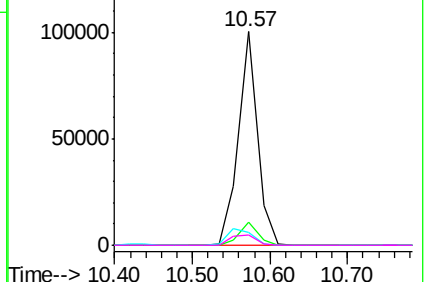
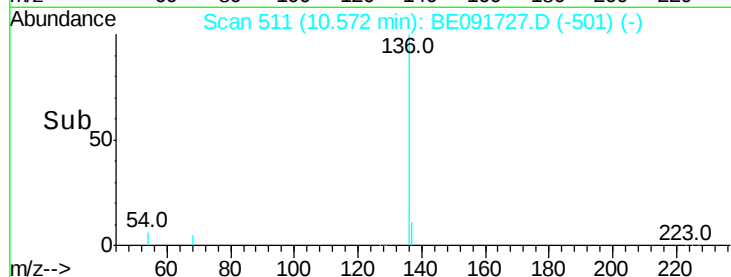


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 4.61 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091727.D

Acq: 27 Apr 2016 15:39

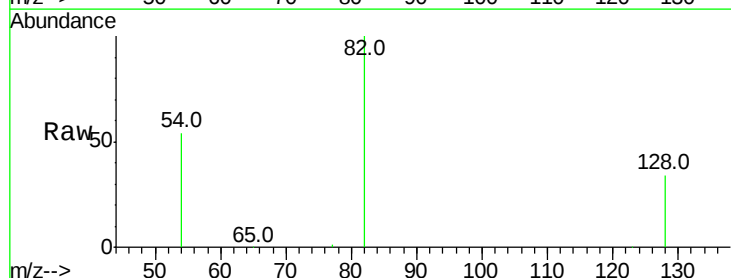
Tgt Ion: 82 Resp: 50901

Ion Ratio Lower Upper

82 100

128 34.2 25.4 38.0

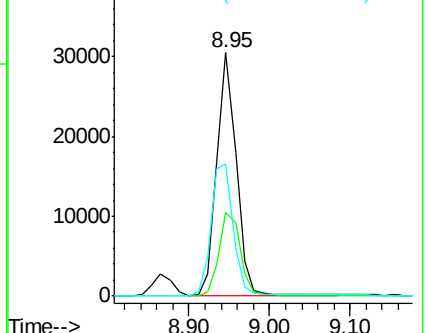
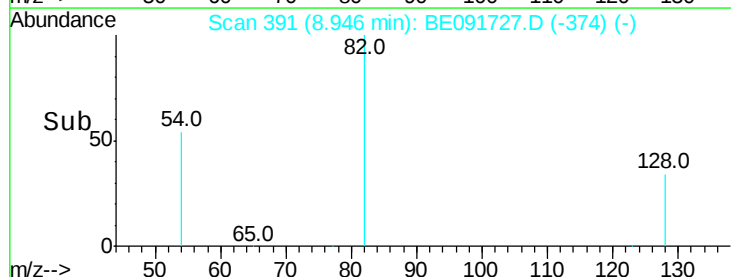
54 54.3 48.4 72.6

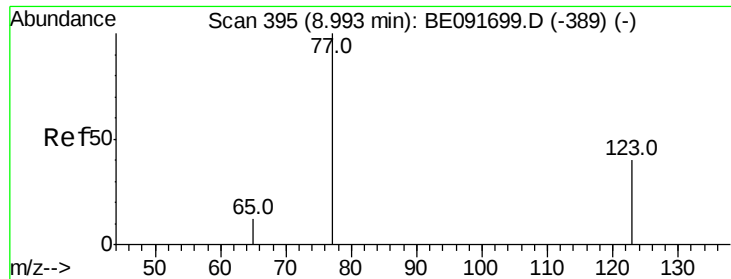


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 4.72 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE091727.D

Acq: 27 Apr 2016 15:39

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CEDAR-HILL-TF-PS-001MSD

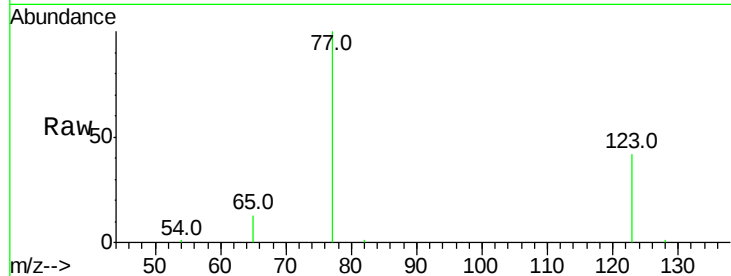
Tot Ion: 77 Resp: 54417

Ion Ratio Lower Upper

77 100

123 37.8 26.9 40.3

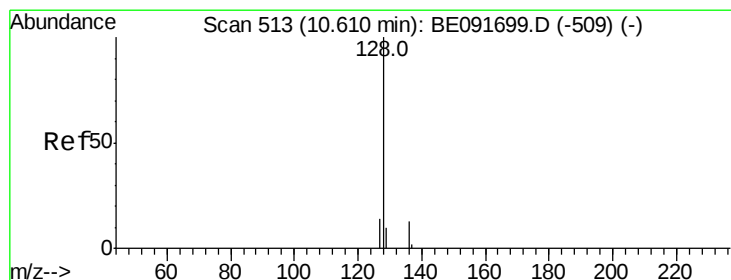
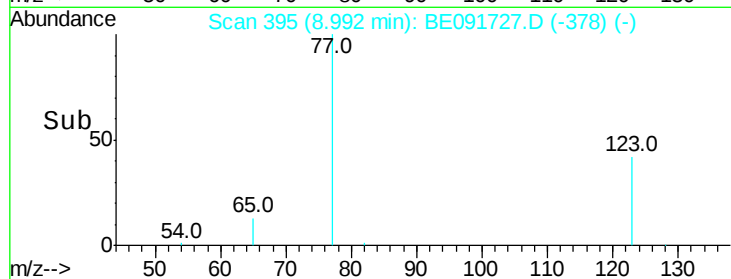
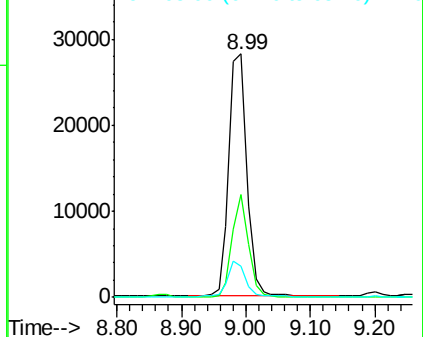
65 14.2 9.4 14.2#



Abundance Ion 77.00 (76.70 to 77.70): BE091699.D (-389) (-)

Ion 123.00 (122.70 to 123.70): BE091699.D (-389) (-)

Ion 65.00 (64.70 to 65.70): BE091699.D (-389) (-)



#10

Naphthalene

Concen: 4.49 ng

RT: 10.61 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE091727.D

Acq: 27 Apr 2016 15:39

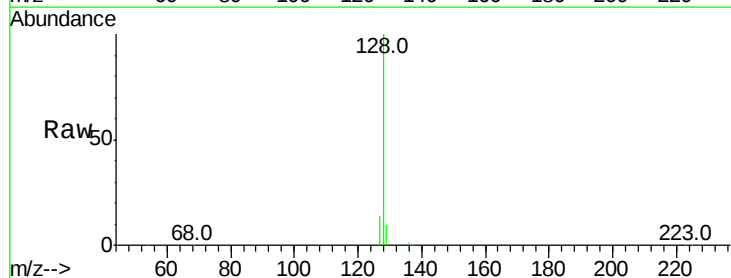
Tgt Ion: 128 Resp: 154956

Ion Ratio Lower Upper

128 100

129 10.2 9.3 13.9

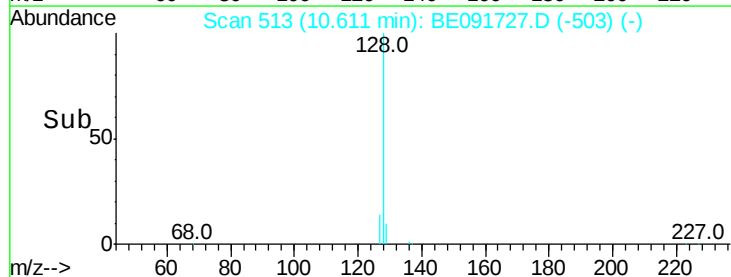
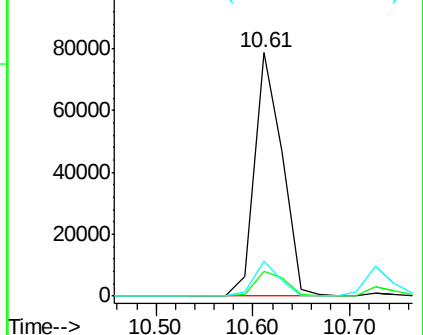
127 14.2 10.7 16.1

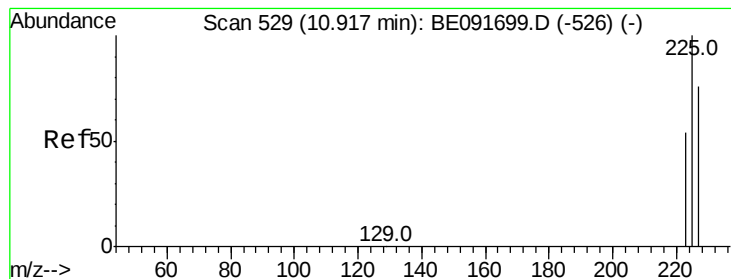


Abundance Ion 128.00 (127.70 to 128.70): BE091699.D (-509) (-)

Ion 129.00 (128.70 to 129.70): BE091699.D (-509) (-)

Ion 127.00 (126.70 to 127.70): BE091699.D (-509) (-)





#11

Hexachlorobutadiene

Concen: 4.61 ng

RT: 10.90 min Scan# 528

Delta R.T. -0.02 min

Lab File: BE091727.D

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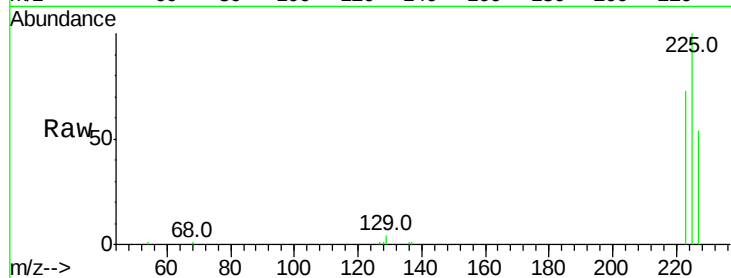
Tot Ion:225 Resp: 23503

Ion Ratio Lower Upper

225 100

223 64.3 49.0 73.6

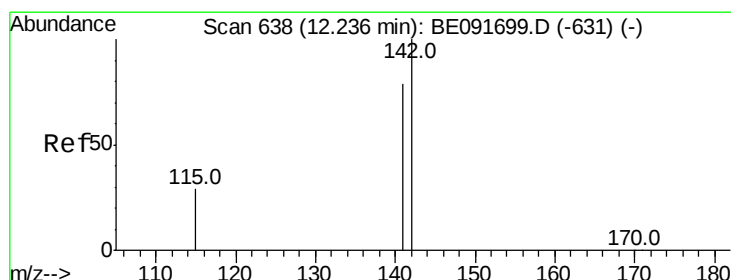
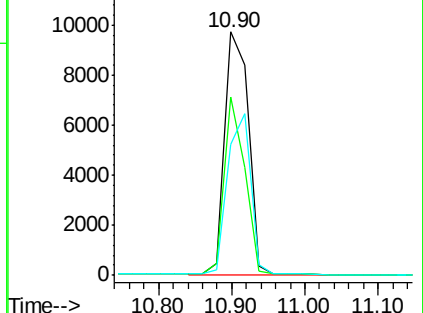
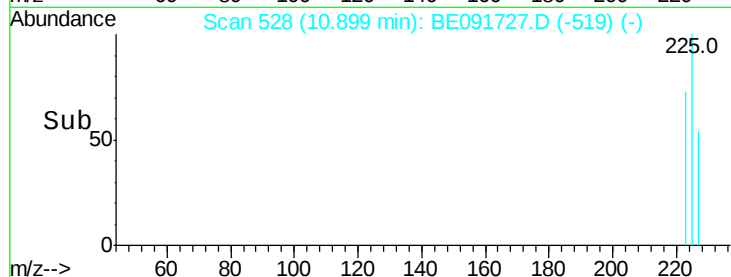
227 65.3 50.3 75.5



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



#12

2-Methylnaphthalene

Concen: 4.94 ng

RT: 12.22 min Scan# 637

Delta R.T. -0.01 min

Lab File: BE091727.D

Acq: 27 Apr 2016 15:39

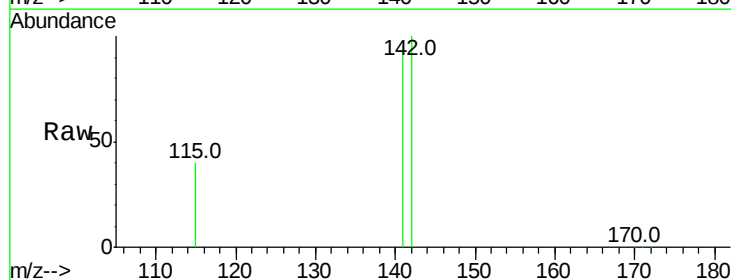
Tgt Ion:142 Resp: 109514

Ion Ratio Lower Upper

142 100

141 95.0 71.4 107.0

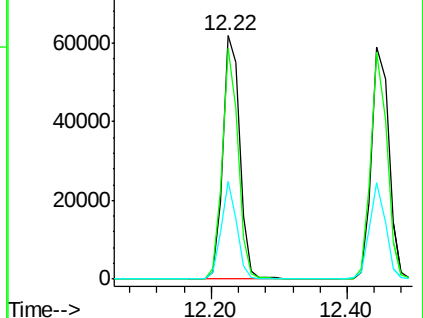
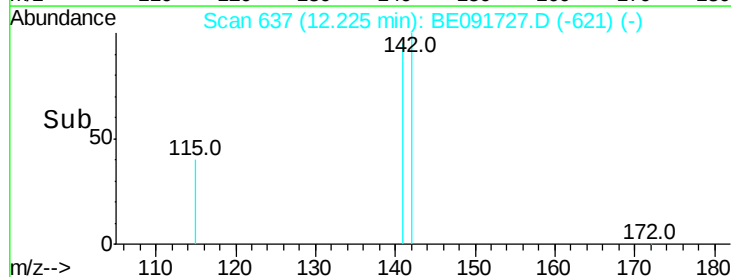
115 40.2 30.3 45.5

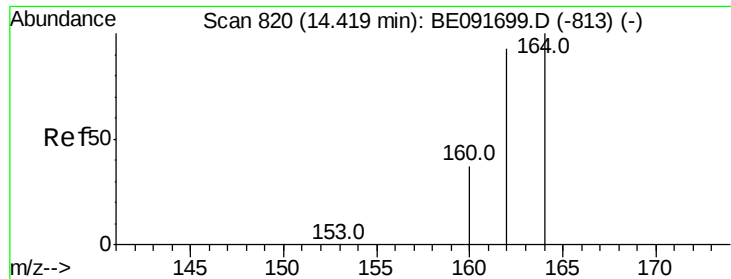


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091727.D

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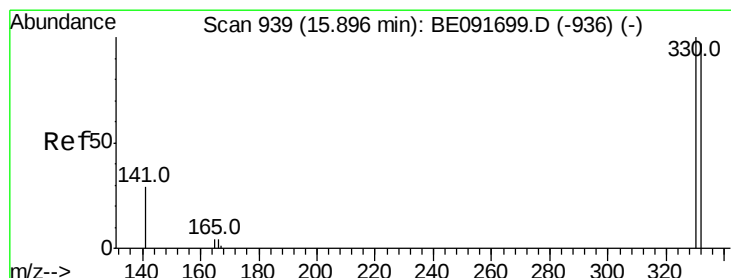
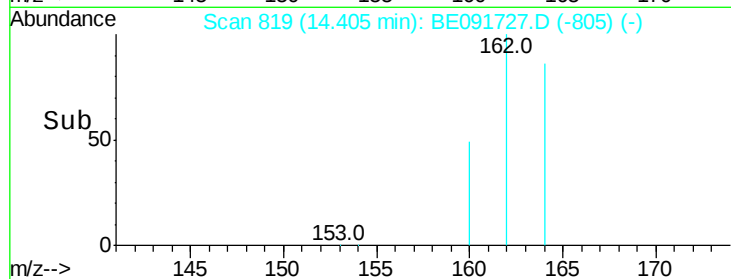
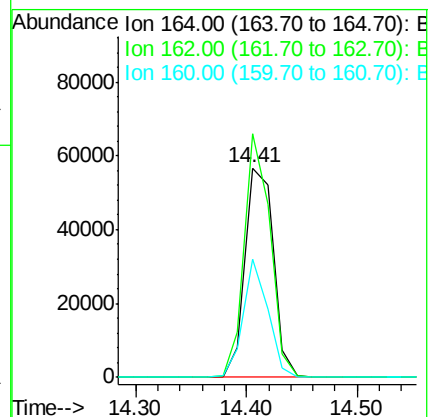
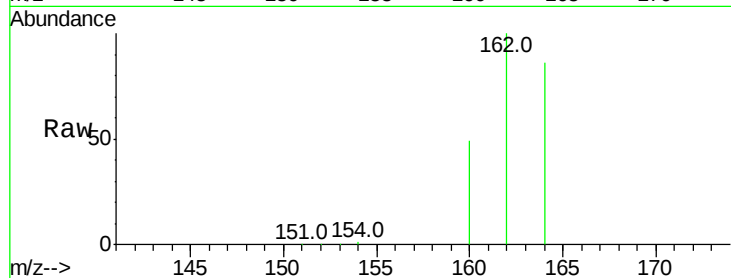
Tot Ion:164 Resp: 100970

Ion Ratio Lower Upper

164 100

162 116.3 85.3 127.9

160 56.5 46.2 69.2



#14

2,4,6-Tribromophenol

Concen: 9.03 ng

RT: 15.88 min Scan# 938

Delta R.T. -0.01 min

Lab File: BE091727.D

Acq: 27 Apr 2016 15:39

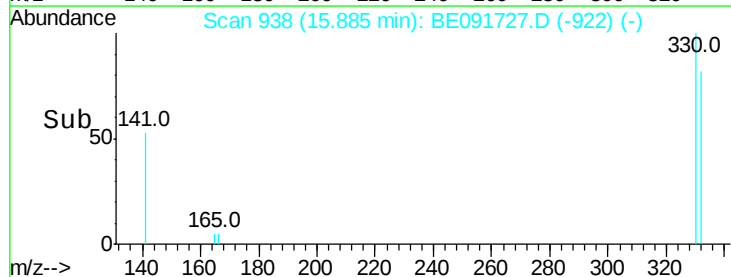
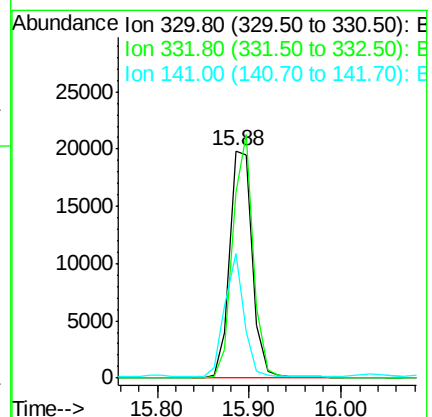
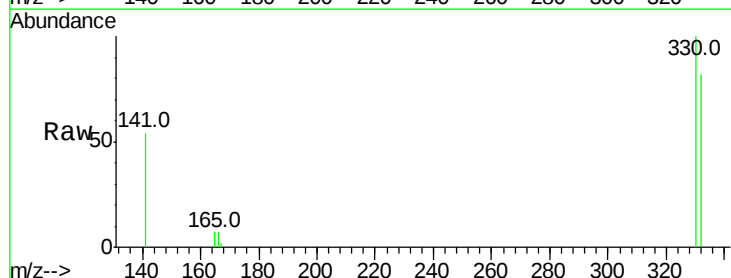
Tgt Ion:330 Resp: 34037

Ion Ratio Lower Upper

330 100

332 96.8 79.1 118.7

141 46.0 125.4 188.0#

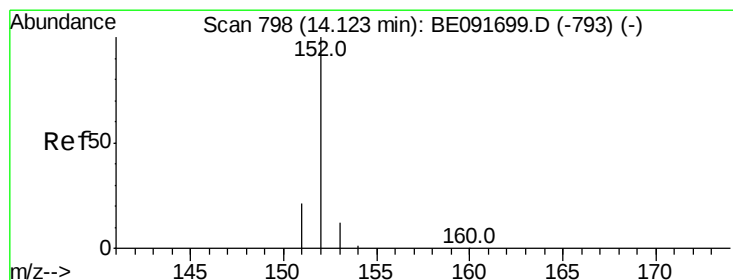
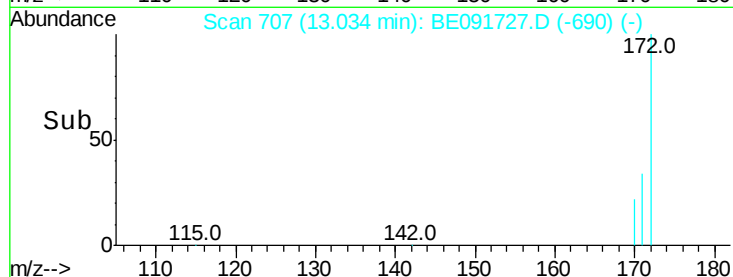
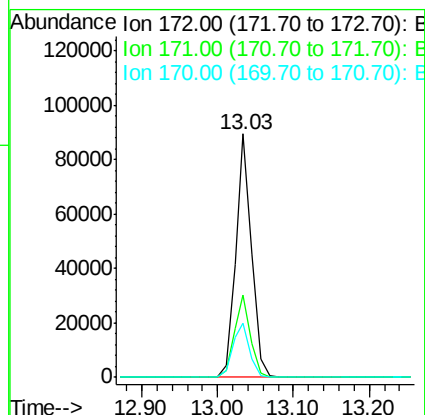
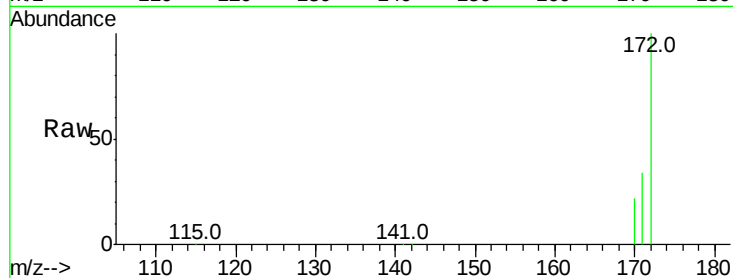




#15
2-Fluorobiphenyl
Concen: 4.58 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091727.D
Acq: 27 Apr 2016 15:39

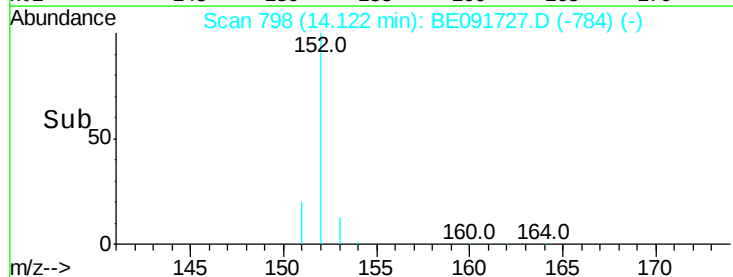
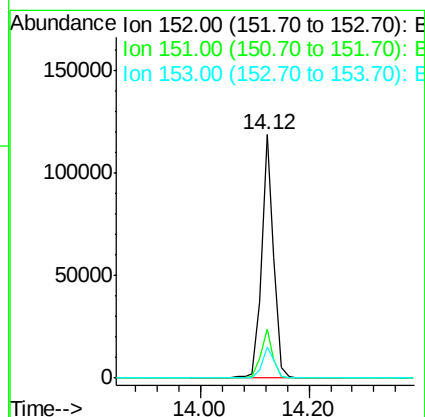
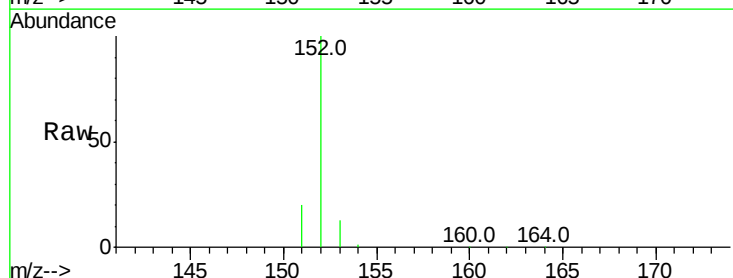
Instrument :
BNA_E
ClientSampleId :
CEDAR-HILL-TF-PS-001MSD

Tot Ion:172 Resp: 130762
Ion Ratio Lower Upper
172 100
171 33.9 28.8 43.2
170 22.3 19.3 28.9



#16
Acenaphthylene
Concen: 5.05 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.00 min
Lab File: BE091727.D
Acq: 27 Apr 2016 15:39

Tgt Ion:152 Resp: 195962
Ion Ratio Lower Upper
152 100
151 20.3 3.9 5.9#
153 13.5 10.3 15.5

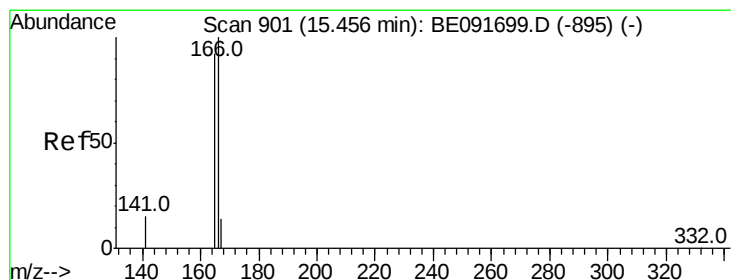
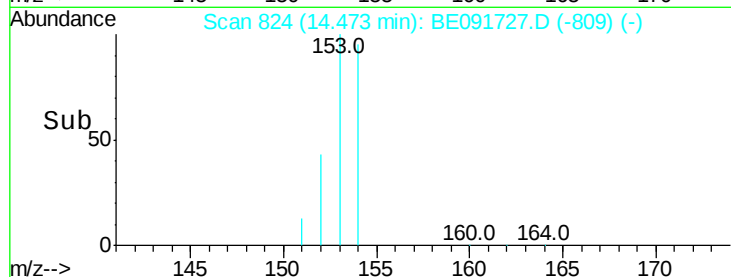
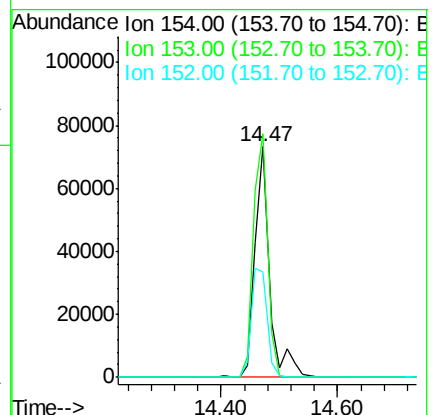
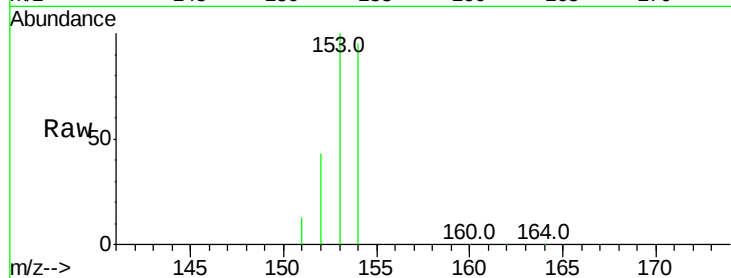




#17
Acenaphthene
Concen: 5.00 ng
RT: 14.47 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE091727.D
Acq: 27 Apr 2016 15:39

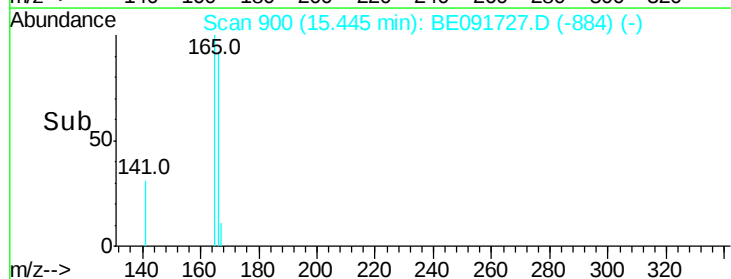
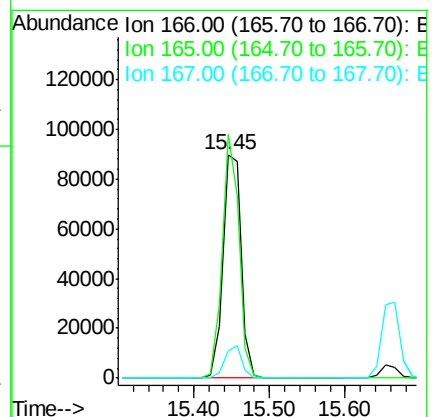
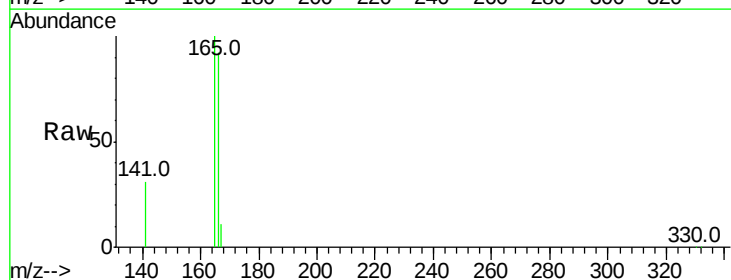
Instrument :
BNA_E
ClientSampleId :
CEDAR-HILL-TF-PS-001MSD

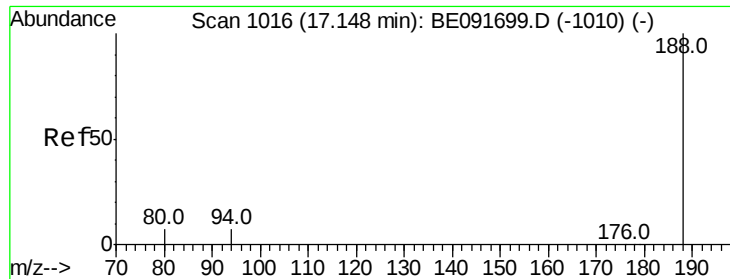
Tot Ion:154 Resp: 125854
Ion Ratio Lower Upper
154 100
153 101.4 80.0 120.0
152 50.2 40.0 60.0



#18
Fluorene
Concen: 4.86 ng
RT: 15.45 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE091727.D
Acq: 27 Apr 2016 15:39

Tgt Ion:166 Resp: 152054
Ion Ratio Lower Upper
166 100
165 98.8 80.8 121.2
167 13.7 10.9 16.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.15 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BE091727.D

Acq: 27 Apr 2016 15:39

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

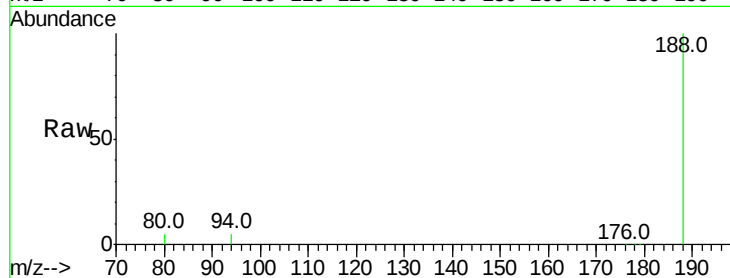
Tot Ion:188 Resp: 249266

Ion Ratio Lower Upper

188 100

94 5.4 8.7 13.1#

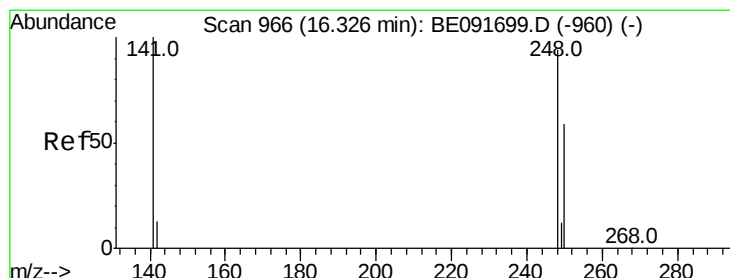
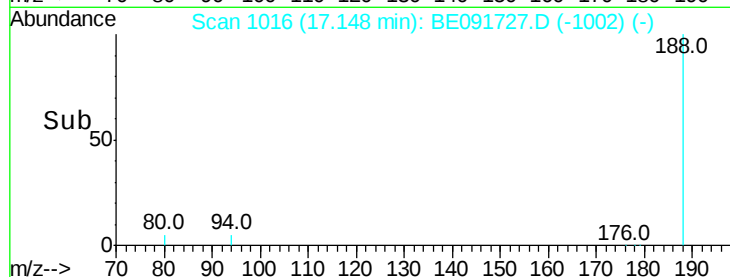
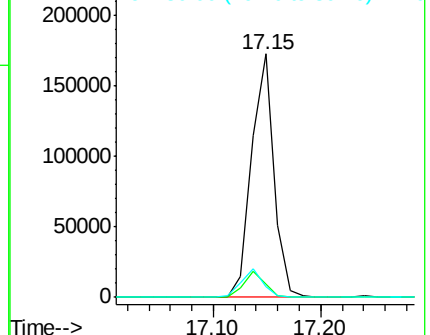
80 4.6 9.4 14.0#



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



#20

4-Bromophenyl-phenylether

Concen: 4.82 ng

RT: 16.33 min Scan# 966

Delta R.T. -0.00 min

Lab File: BE091727.D

Acq: 27 Apr 2016 15:39

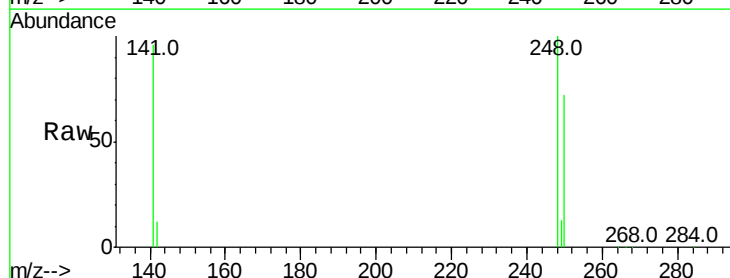
Tgt Ion:248 Resp: 43201

Ion Ratio Lower Upper

248 100

250 95.8 80.5 120.7

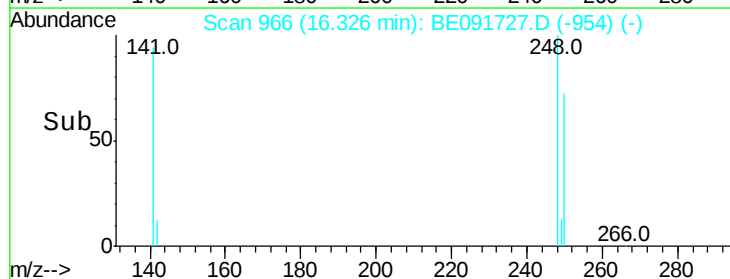
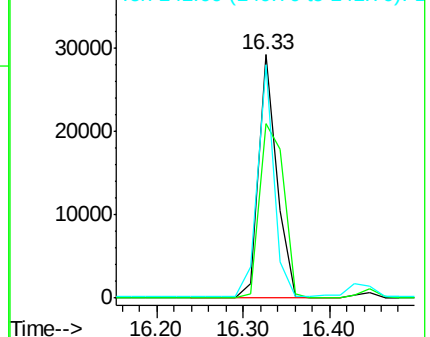
141 86.2 72.0 108.0

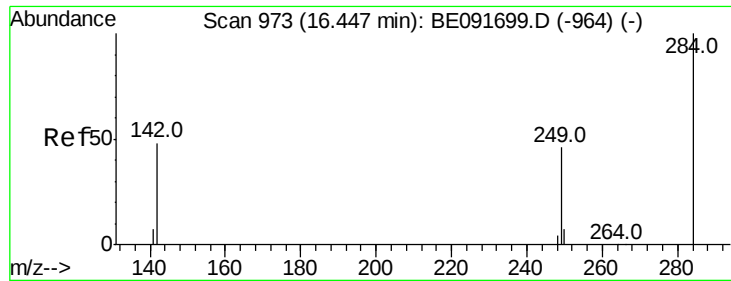


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

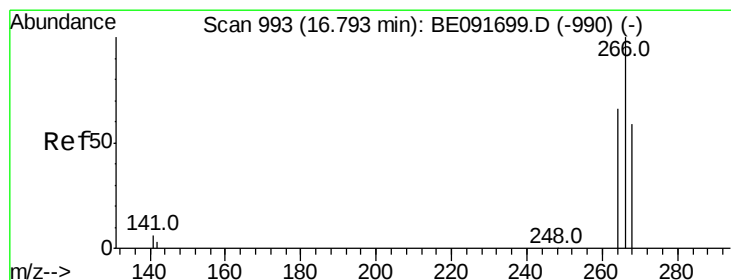
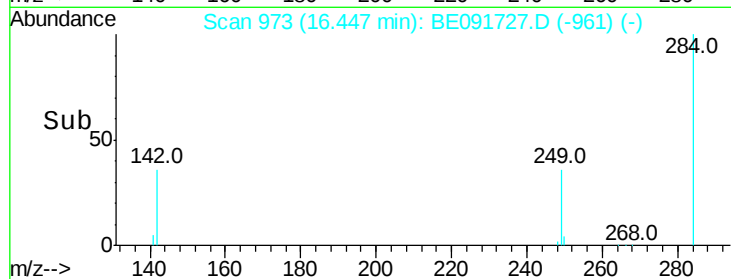
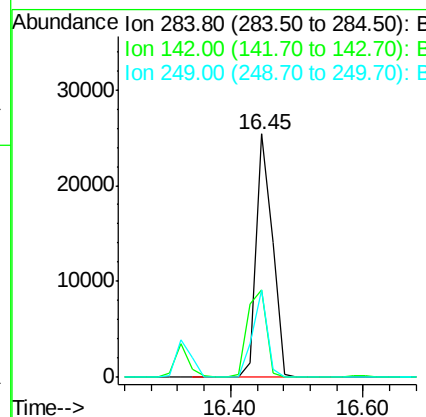
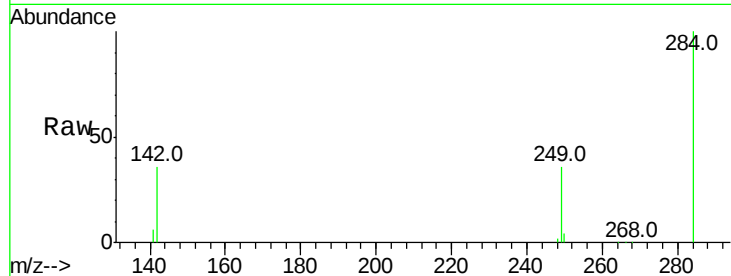




#21
Hexachlorobenzene
Concen: 4.78 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091727.D
Acq: 27 Apr 2016 15:39

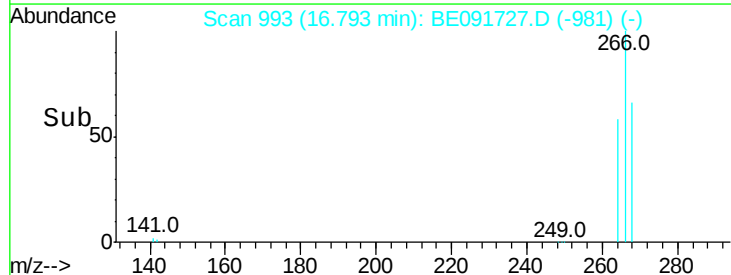
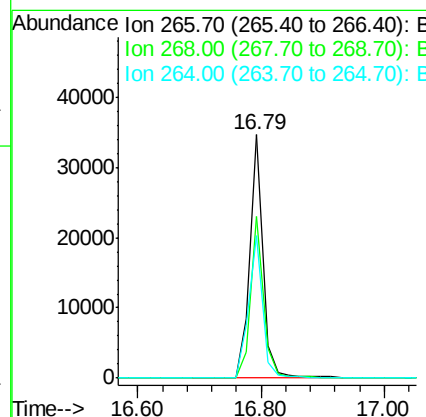
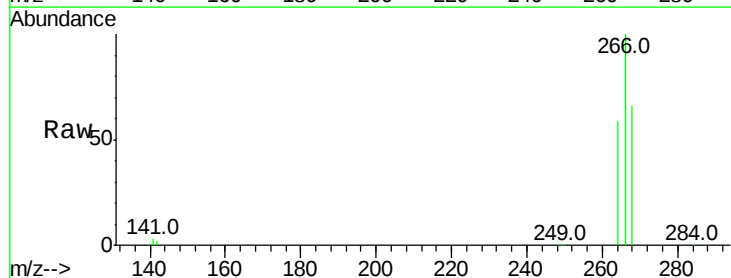
Instrument :
BNA_E
ClientSampleId :
CEDAR-HILL-TF-PS-001MSD

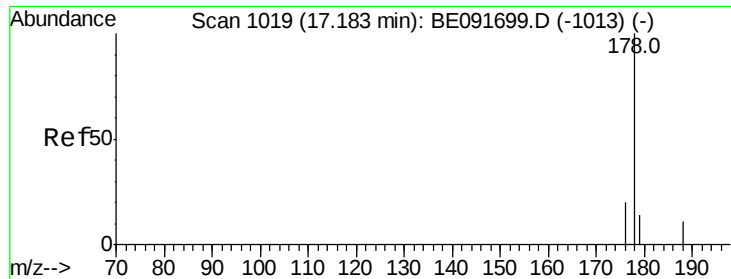
Tot Ion:284 Resp: 42858
Ion Ratio Lower Upper
284 100
142 41.6 32.2 48.2
249 32.5 25.4 38.2



#22
Pentachlorophenol
Concen: 10.55 ng
RT: 16.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE091727.D
Acq: 27 Apr 2016 15:39

Tgt Ion:266 Resp: 51295
Ion Ratio Lower Upper
266 100
268 66.3 58.2 87.2
264 58.5 56.2 84.4





#23

Phenanthrene

Concen: 4.80 ng

RT: 17.18 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BE091727.D

Acq: 27 Apr 2016 15:39

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

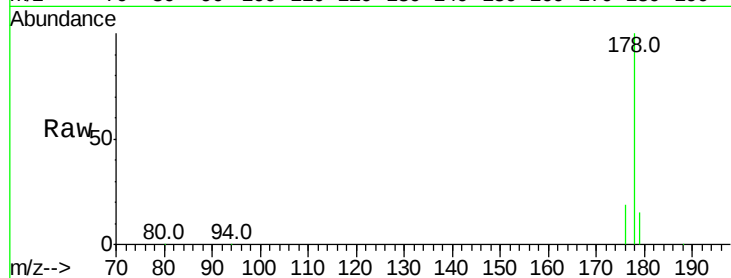
Tot Ion:178 Resp: 271821

Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

179 15.6 12.6 18.8



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

250000

200000

150000

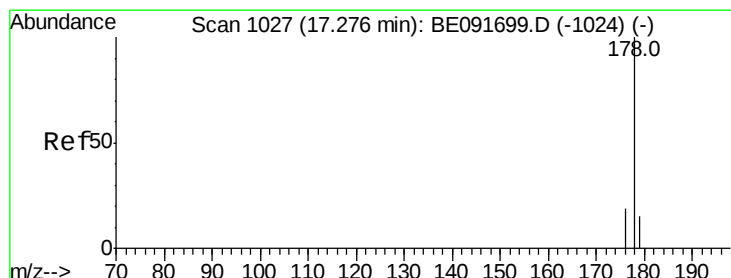
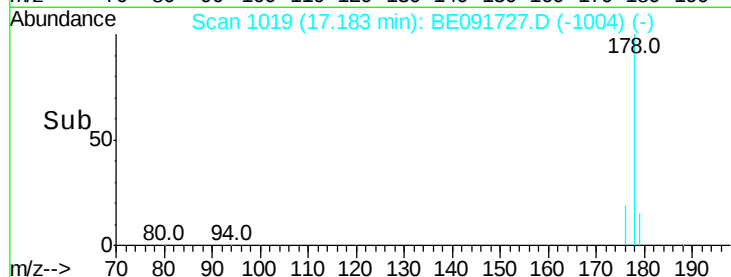
100000

50000

0

17.18

Time-->



#24

Anthracene

Concen: 5.18 ng

RT: 17.28 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE091727.D

Acq: 27 Apr 2016 15:39

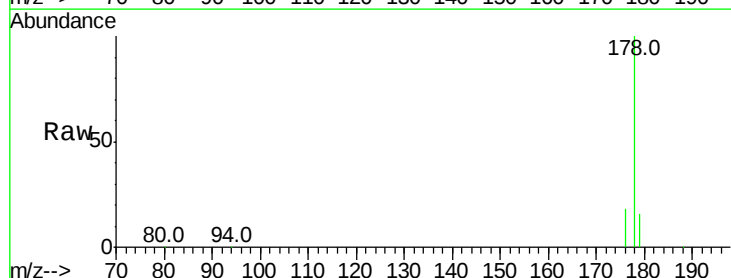
Tgt Ion:178 Resp: 264667

Ion Ratio Lower Upper

178 100

176 19.0 14.6 21.8

179 15.3 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

250000

200000

150000

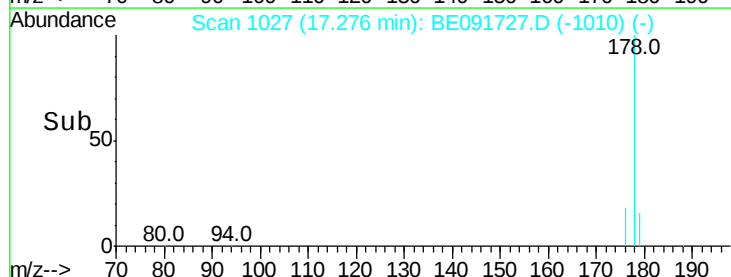
100000

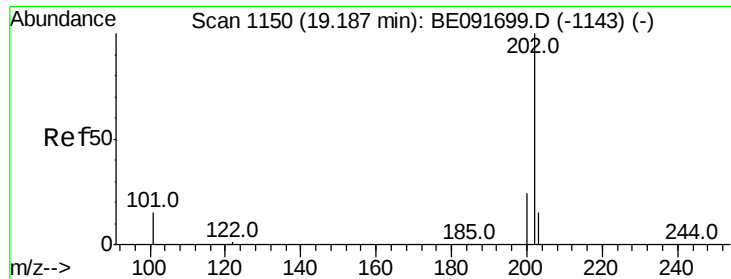
50000

0

17.28

Time-->





#25

Fluoranthene

Concen: 5.56 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091727.D

Acq: 27 Apr 2016 15:39

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

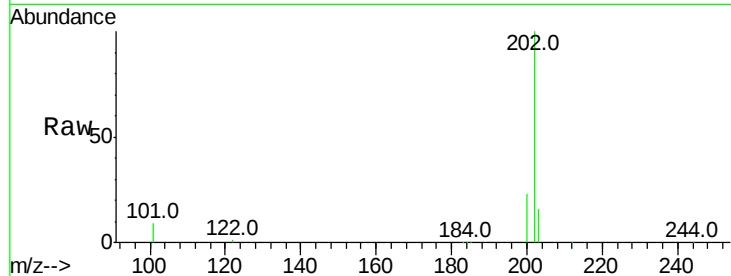
Tot Ion:202 Resp: 329408

Ion Ratio Lower Upper

202 100

101 11.0 11.0 16.6#

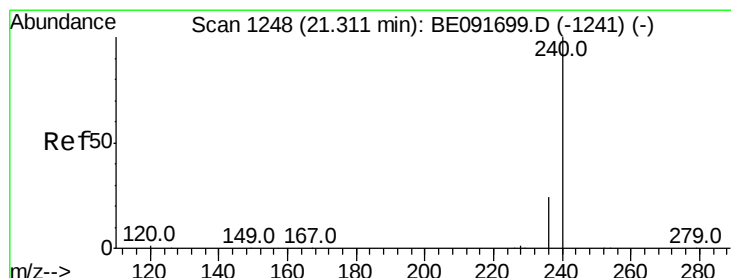
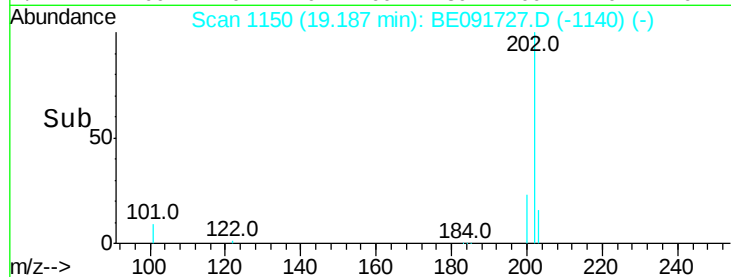
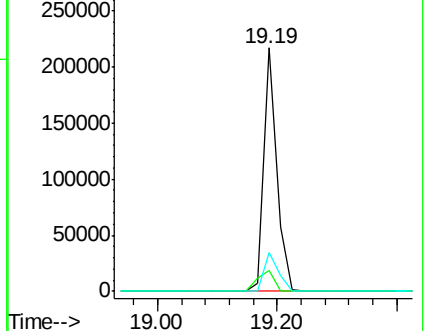
203 17.5 13.9 20.9



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# 1248

Delta R.T. 0.00 min

Lab File: BE091727.D

Acq: 27 Apr 2016 15:39

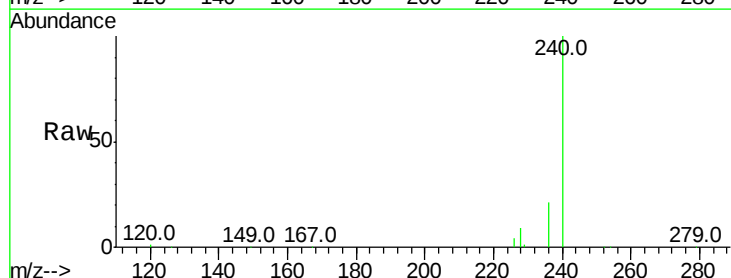
Tgt Ion:240 Resp: 280110

Ion Ratio Lower Upper

240 100

120 0.8 11.0 16.4#

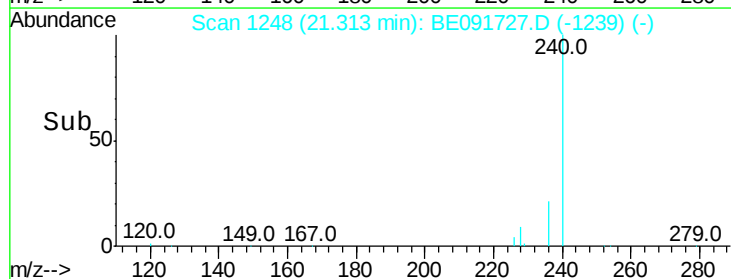
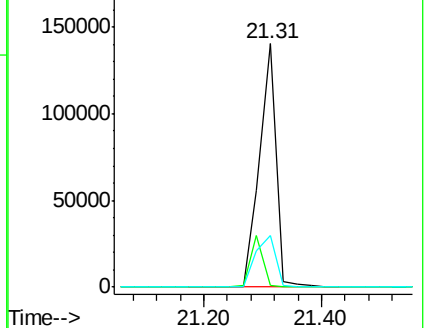
236 21.0 21.7 32.5#

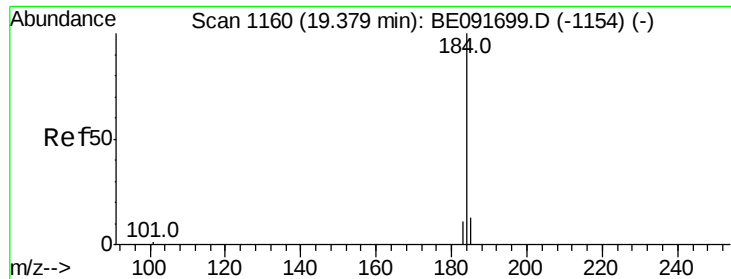


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 2.05 ng

RT: 19.38 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE091727.D

Acq: 27 Apr 2016 15:39

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

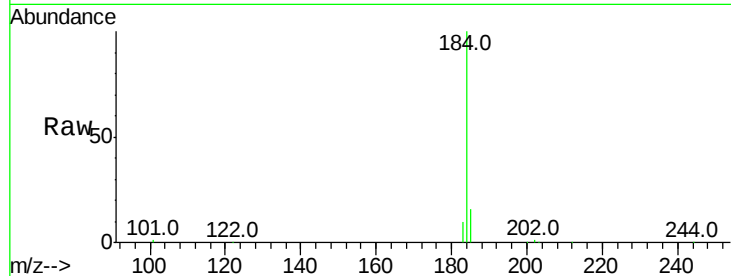
Tot Ion:184 Resp: 43203

Ion Ratio Lower Upper

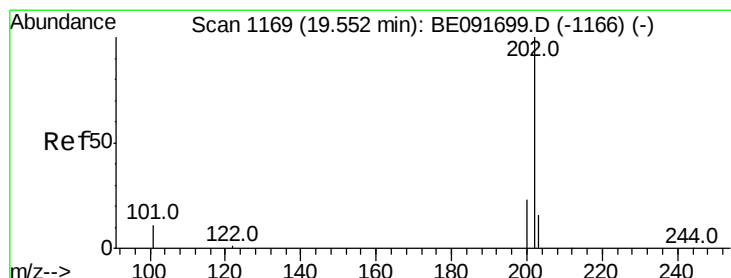
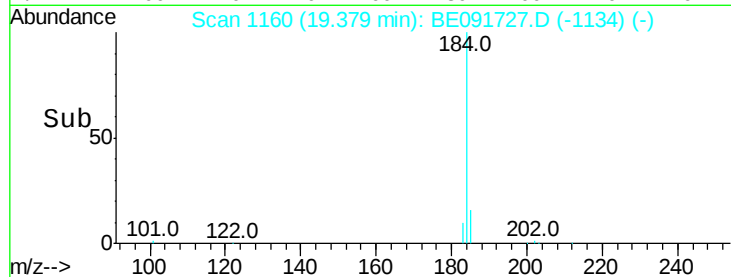
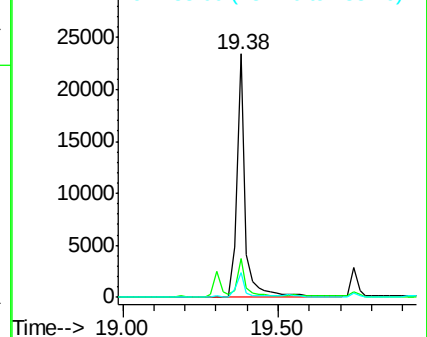
184 100

185 15.9 22.3 33.5#

183 10.4 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



#28

Pyrene

Concen: 5.72 ng

RT: 19.55 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BE091727.D

Acq: 27 Apr 2016 15:39

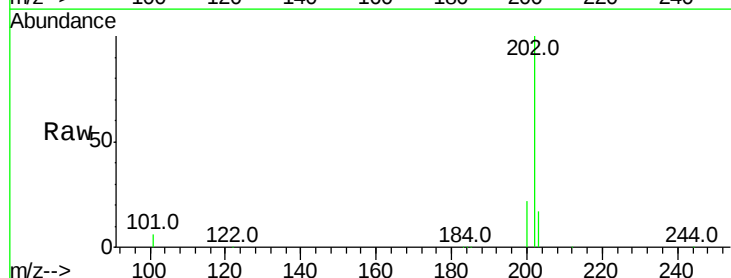
Tgt Ion:202 Resp: 362019

Ion Ratio Lower Upper

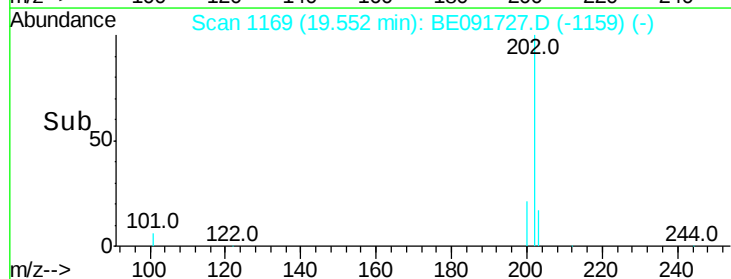
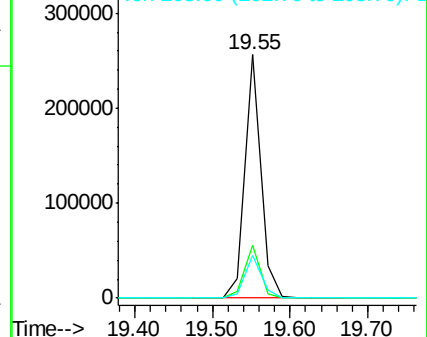
202 100

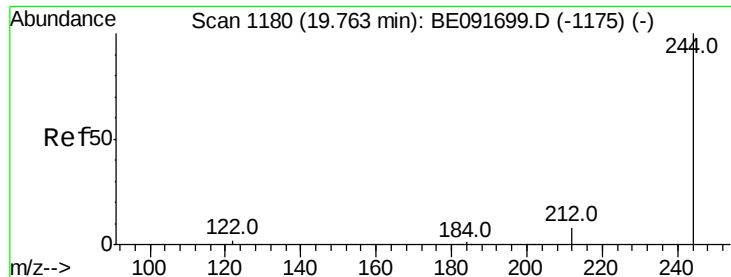
200 21.5 16.8 25.2

203 18.3 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





#29

Terphenyl-d14

Concen: 4.97 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091727.D

Acq: 27 Apr 2016 15:39

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

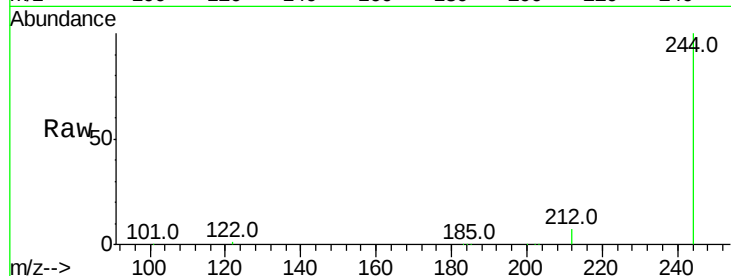
Tot Ion:244 Resp: 217233

Ion Ratio Lower Upper

244 100

212 7.4 6.9 10.3

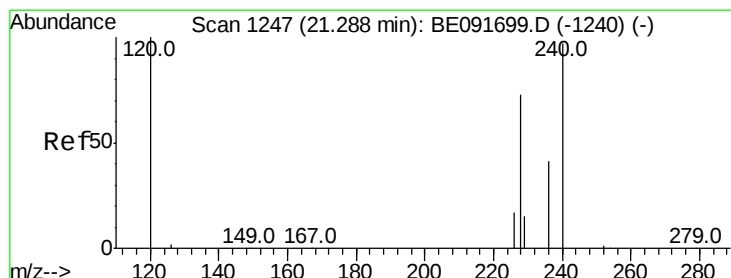
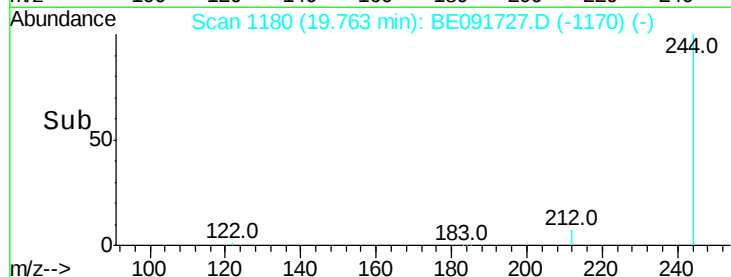
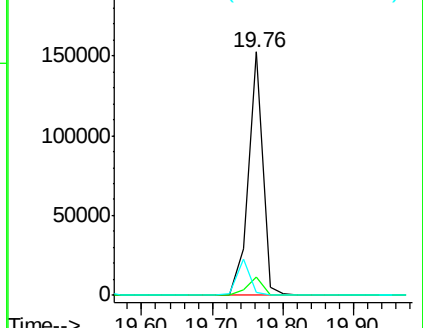
122 1.2 11.0 16.4#



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: 5.28 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091727.D

Acq: 27 Apr 2016 15:39

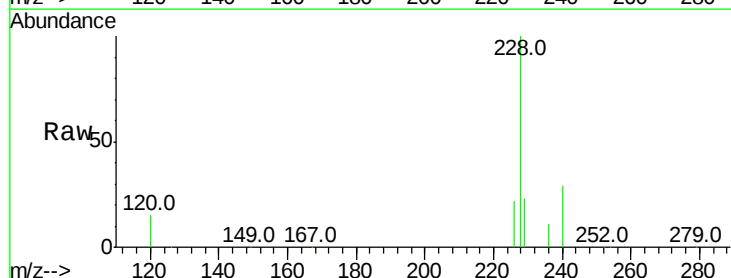
Tgt Ion:228 Resp: 360969

Ion Ratio Lower Upper

228 100

226 21.9 21.0 31.4

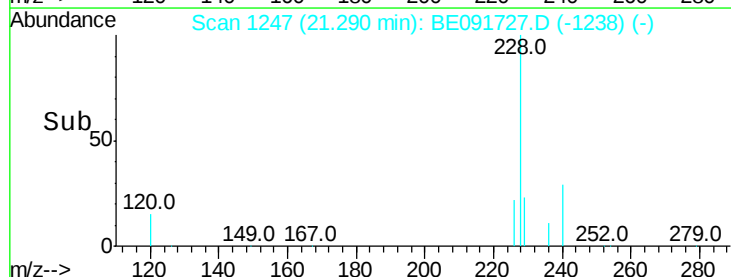
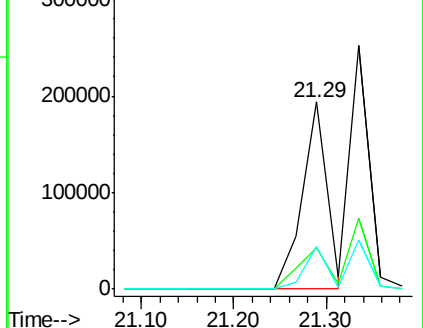
229 23.1 15.7 23.5

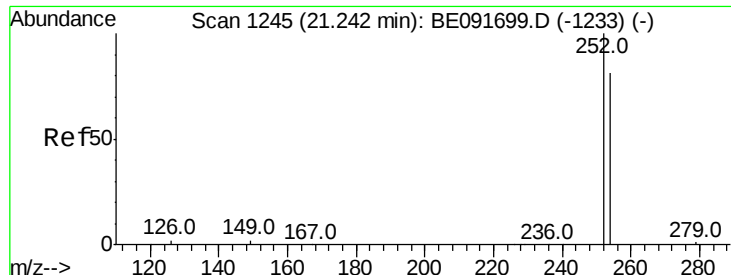


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

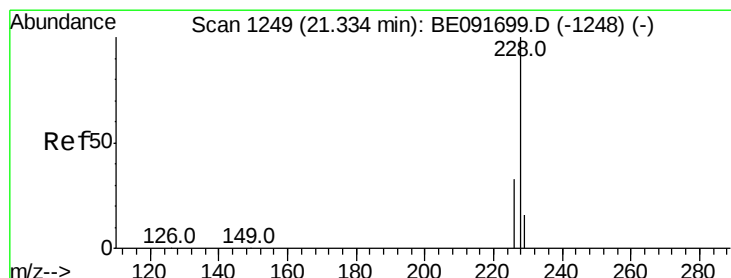
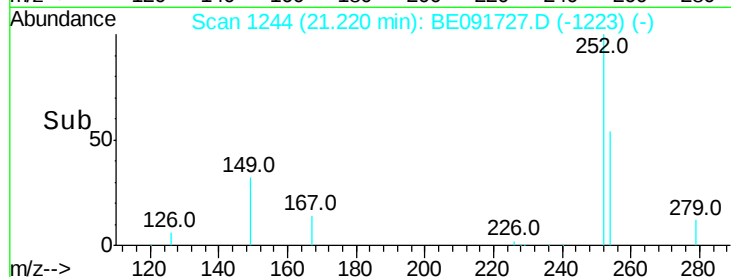
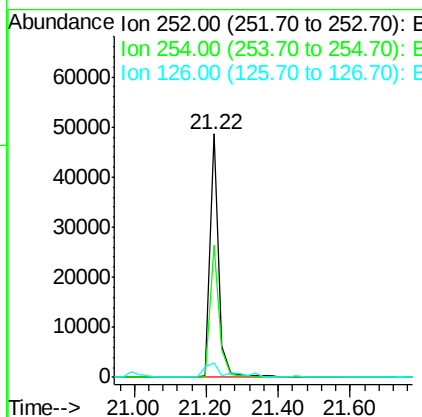
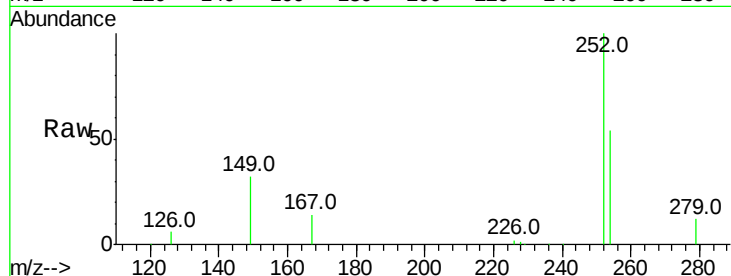




#31
 3,3'-Dichlorobenzidine
 Concen: 2.26 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091727.D
 Acq: 27 Apr 2016 15:39

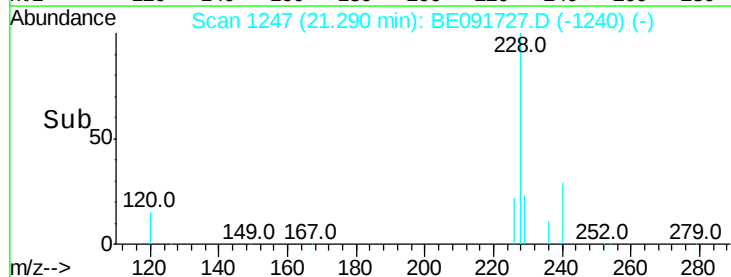
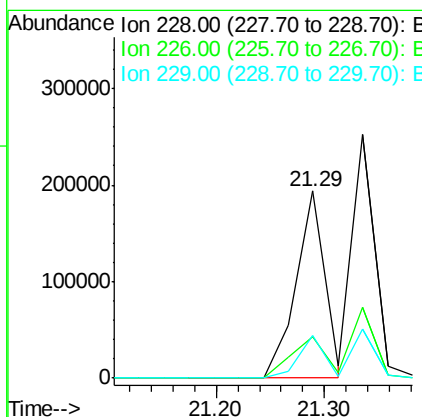
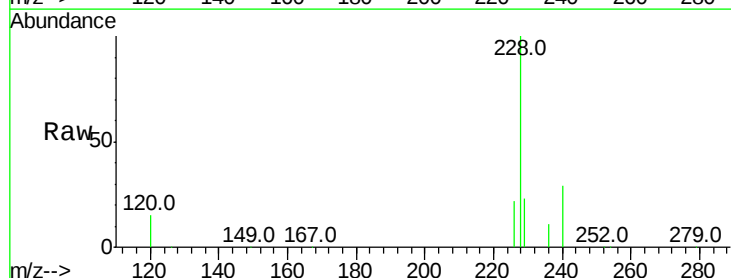
Instrument :
 BNA_E
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MSD

Tot Ion:252 Resp: 79024
 Ion Ratio Lower Upper
 252 100
 254 54.3 51.1 76.7
 126 5.8 12.6 18.8#



#32
 Chrysene
 Concen: 5.08 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. -0.04 min
 Lab File: BE091727.D
 Acq: 27 Apr 2016 15:39

Tgt Ion:228 Resp: 360965
 Ion Ratio Lower Upper
 228 100
 226 21.9 24.0 36.0#
 229 23.1 15.9 23.9

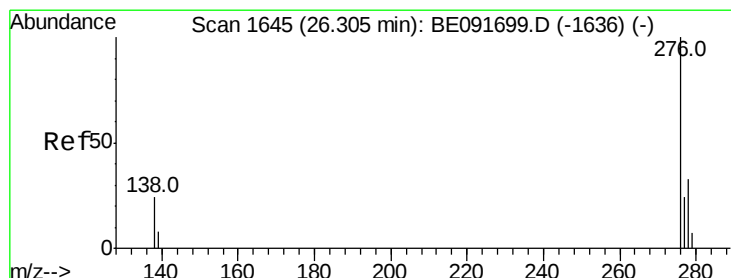
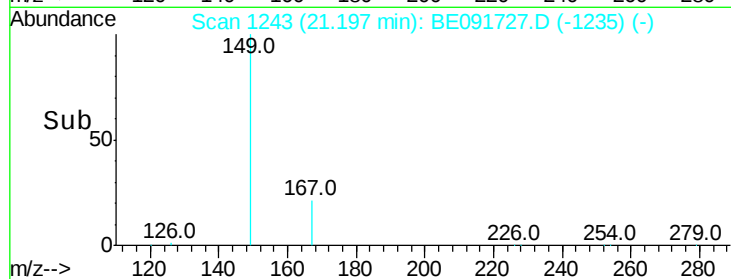
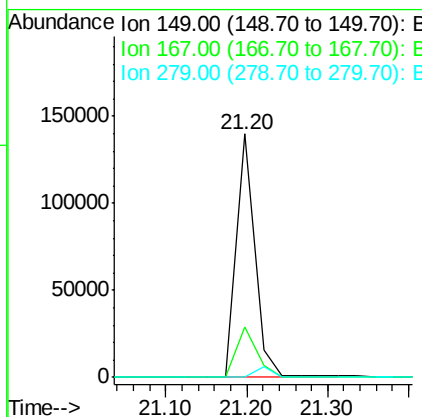
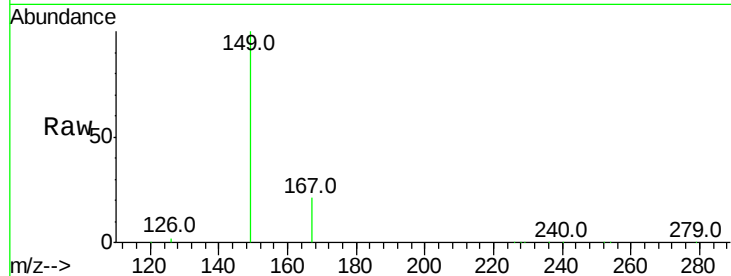




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 10.47 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091727.D
 Acq: 27 Apr 2016 15:39

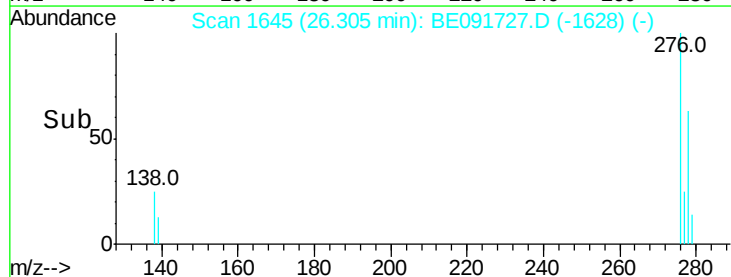
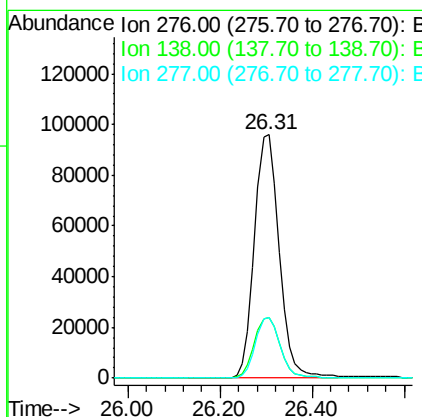
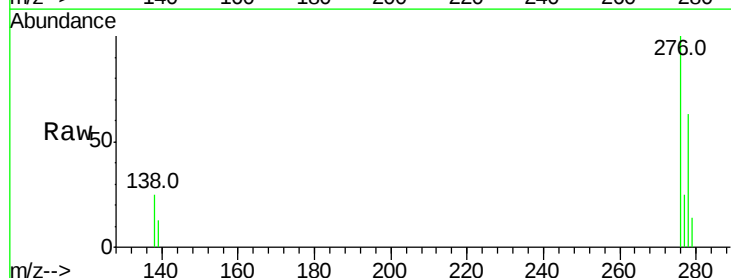
Instrument :
 BNA_E
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MSD

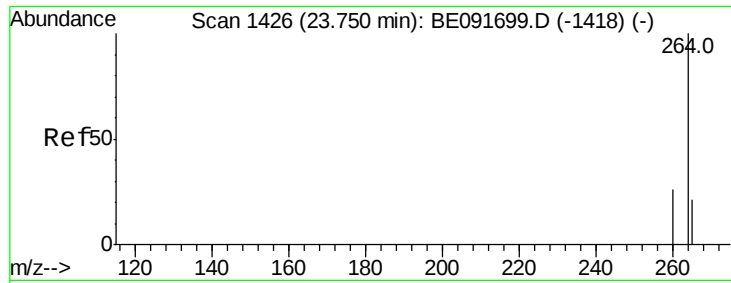
Tot Ion:149 Resp: 217112
 Ion Ratio Lower Upper
 149 100
 167 23.1 19.5 29.3
 279 0.0 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 5.70 ng
 RT: 26.31 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BE091727.D
 Acq: 27 Apr 2016 15:39

Tgt Ion:276 Resp: 360633
 Ion Ratio Lower Upper
 276 100
 138 26.0 23.4 35.2
 277 24.9 19.8 29.8

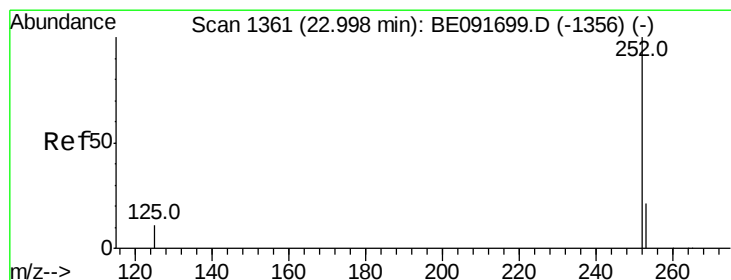
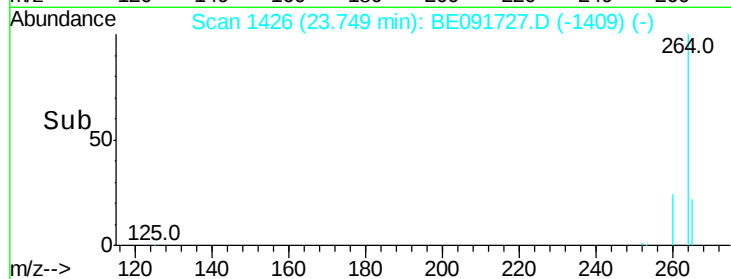
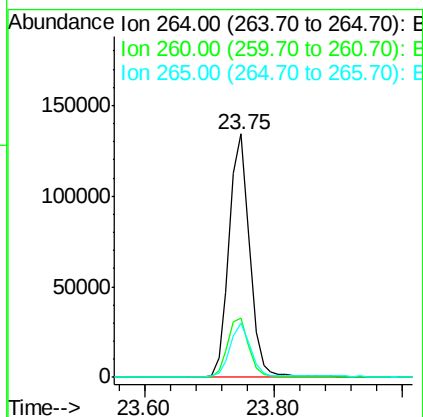
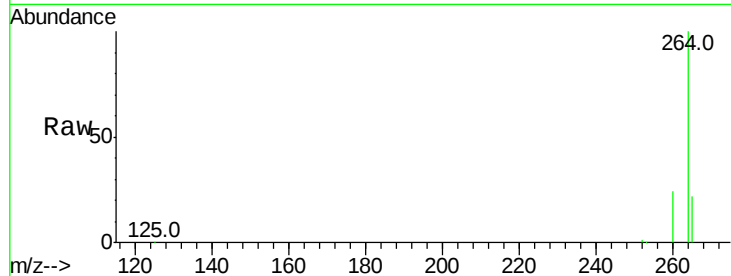




#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BE091727.D
Acq: 27 Apr 2016 15:39

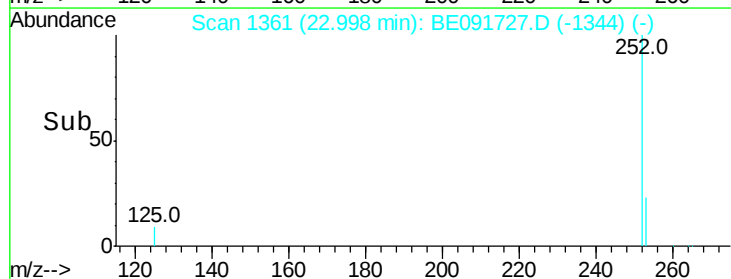
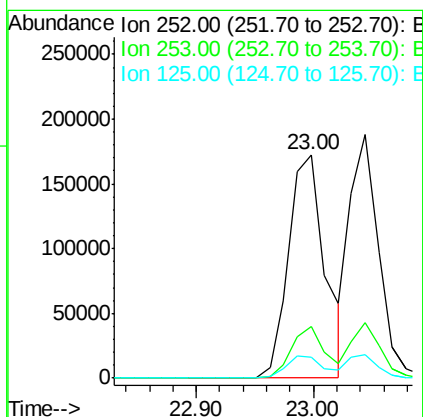
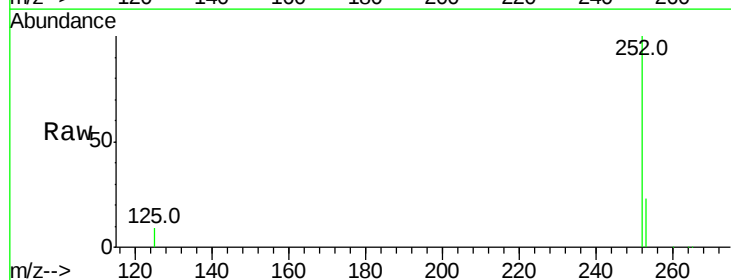
Instrument :
BNA_E
ClientSampleId :
CEDAR-HILL-TF-PS-001MSD

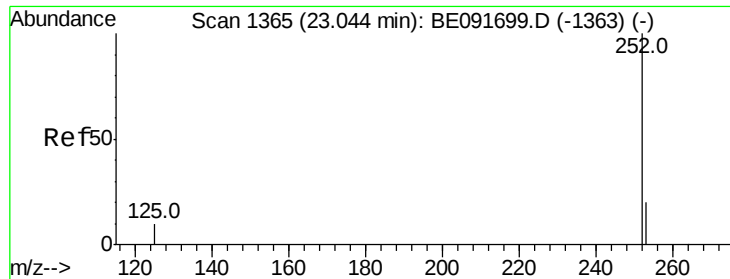
Tot Ion:264 Resp: 296034
Ion Ratio Lower Upper
264 100
260 24.3 20.0 30.0
265 22.3 17.5 26.3



#36
Benzo(b)fluoranthene
Concen: 5.37 ng
RT: 23.00 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BE091727.D
Acq: 27 Apr 2016 15:39

Tgt Ion:252 Resp: 372235
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.0
125 9.4 10.2 15.2#





#37

Benzo(k)fluoranthene

Concen: 4.60 ng

RT: 23.04 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BE091727.D

Acq: 27 Apr 2016 15:39

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

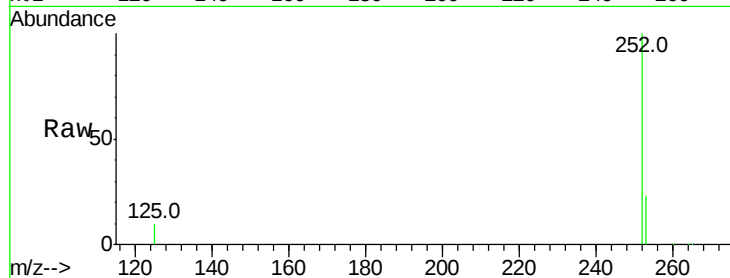
Tot Ion:252 Resp: 324210

Ion Ratio Lower Upper

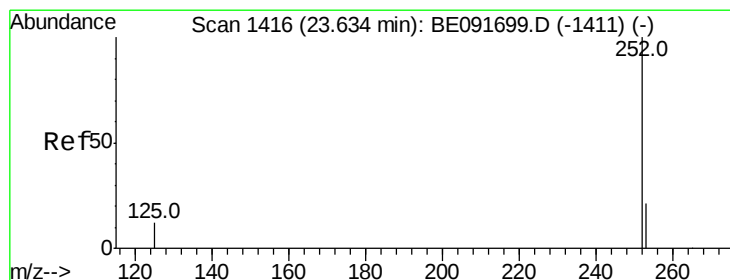
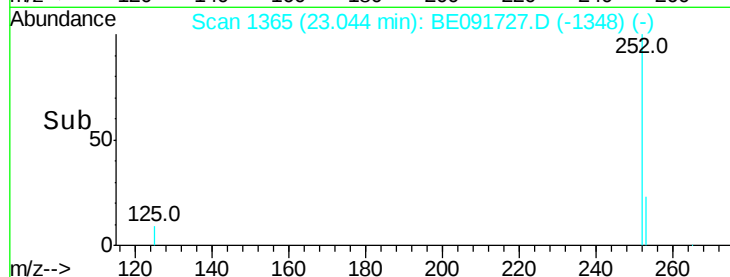
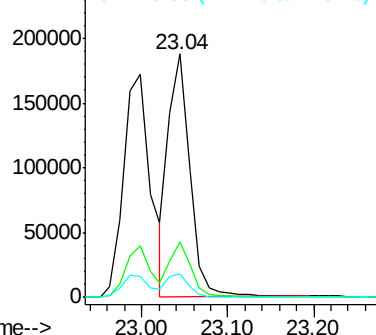
252 100

253 22.9 17.6 26.4

125 9.6 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: 5.03 ng

RT: 23.63 min Scan# 1416

Delta R.T. -0.00 min

Lab File: BE091727.D

Acq: 27 Apr 2016 15:39

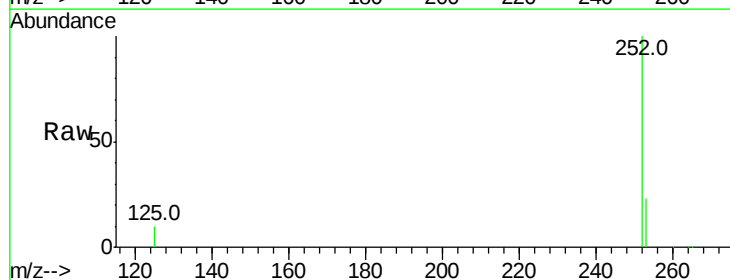
Tgt Ion:252 Resp: 328734

Ion Ratio Lower Upper

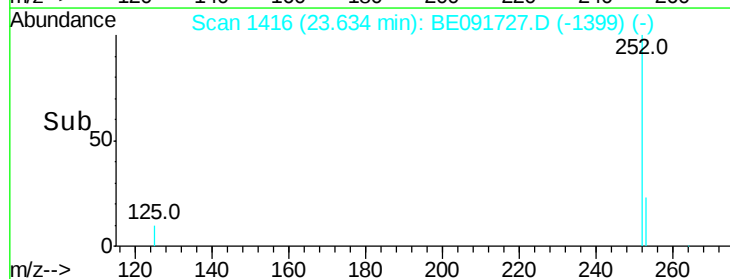
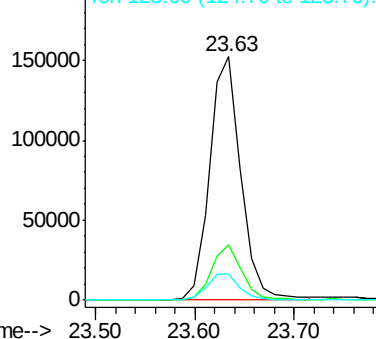
252 100

253 22.9 18.1 27.1

125 10.5 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: 4.88 ng

RT: 26.33 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BE091727.D

Acq: 27 Apr 2016 15:39

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

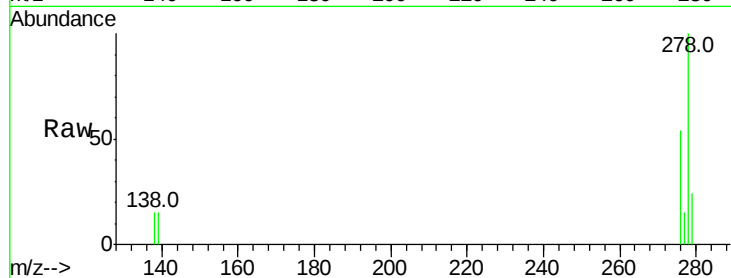
Tot Ion:278 Resp: 302022

Ion Ratio Lower Upper

278 100

139 15.3 16.0 24.0#

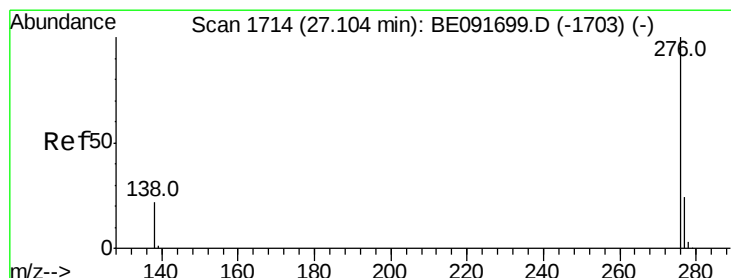
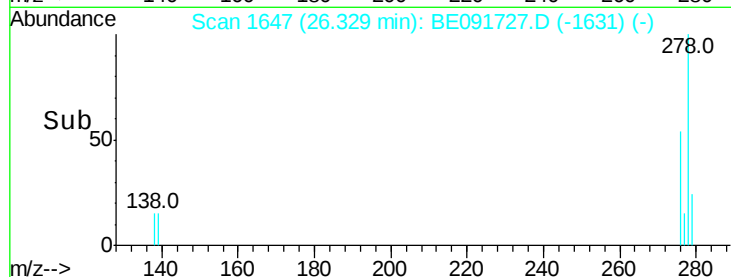
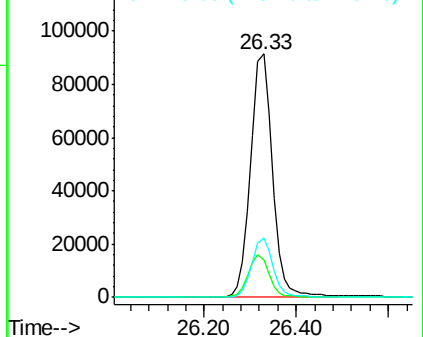
279 24.5 19.4 29.2



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: 4.85 ng

RT: 27.09 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BE091727.D

Acq: 27 Apr 2016 15:39

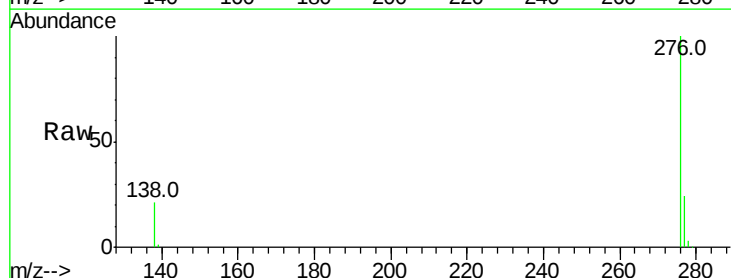
Tgt Ion:276 Resp: 305333

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 21.1 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

