

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042616\
 Data File : BE091717.D
 Acq On : 26 Apr 2016 23:08
 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 27 00:51:32 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	28561	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	132133	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	78381	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	185678	5.00	ng	0.00
26) Chrysene-d12	21.31	240	222751	5.00	ng	0.00
35) Perylene-d12	23.74	264	203561	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	63742	9.09	ng	0.00
5) Phenol-d6	6.96	99	90525	9.73	ng	0.00
8) Nitrobenzene-d5	8.94	82	41802	4.90	ng	0.00
14) 2,4,6-Tribromophenol	15.89	330	25382	8.68	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	98279	4.43	ng	0.00
29) Terphenyl-d14	19.75	244	160463	4.62	ng	0.00

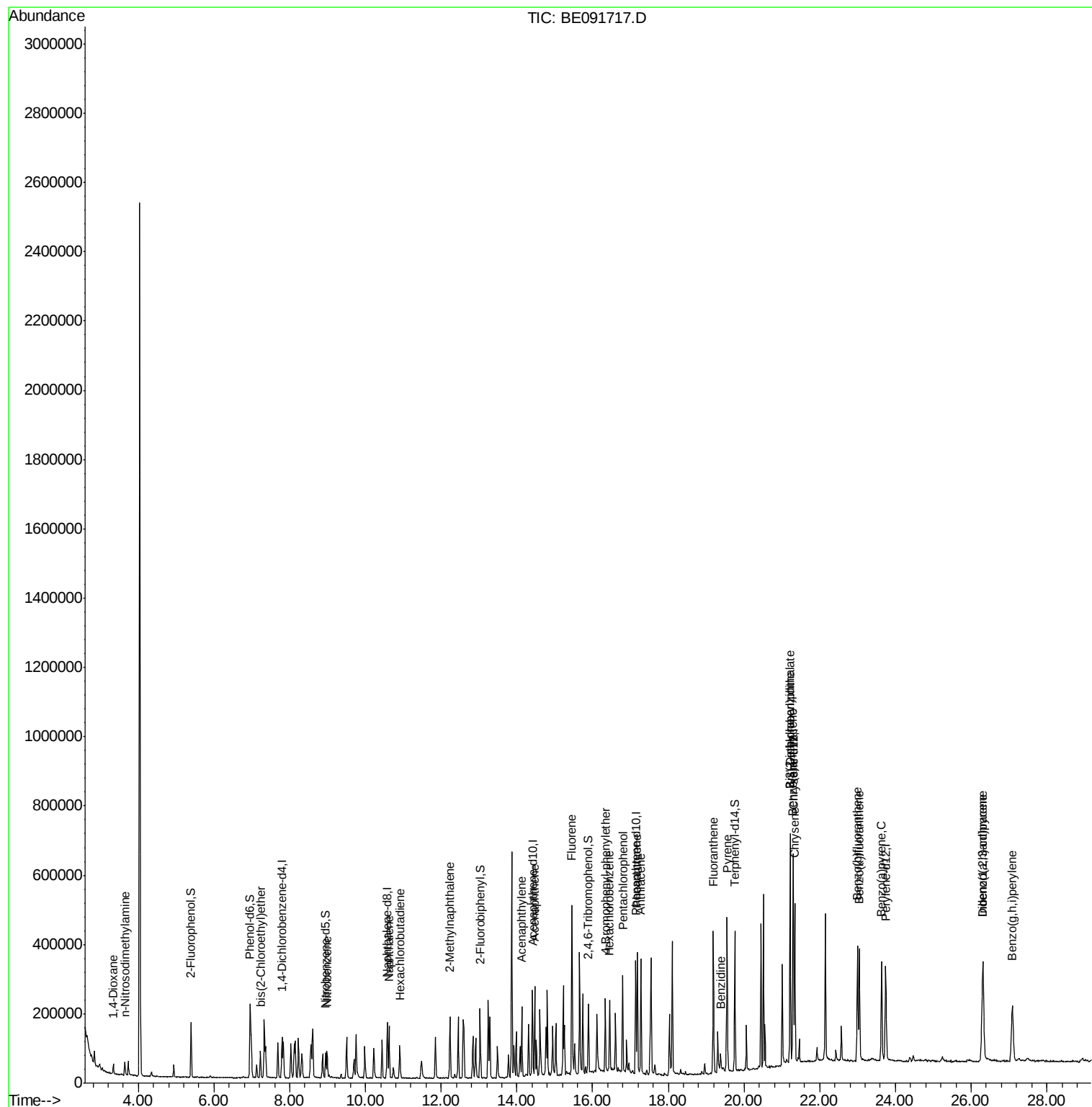
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	13017	3.90	ng	95
3) n-Nitrosodimethylamine	3.64	42	21040	4.06	ng	# 99
6) bis(2-Chloroethyl)ether	7.22	93	40023	4.89	ng	# 83
9) Nitrobenzene	8.99	77	42854	4.80	ng	# 91
10) Naphthalene	10.62	128	118236	4.43	ng	99
11) Hexachlorobutadiene	10.91	225	17207	4.37	ng	93
12) 2-Methylnaphthalene	12.23	142	82312	4.80	ng	97
16) Acenaphthylene	14.13	152	139840	4.64	ng	# 86
17) Acenaphthene	14.47	154	85429	4.37	ng	87
18) Fluorene	15.45	166	114100	4.69	ng	99
20) 4-Bromophenyl-phenylether	16.34	248	30683	4.59	ng	97
21) Hexachlorobenzene	16.45	284	32351	4.85	ng	90
22) Pentachlorophenol	16.79	266	39124	10.80	ng	93
23) Phenanthrene	17.18	178	198444	4.70	ng	98
24) Anthracene	17.28	178	196206	5.16	ng	99
25) Fluoranthene	19.19	202	231547	5.25	ng	99
27) Benzdine	19.38	184	28624	1.73	ng	# 75
28) Pyrene	19.56	202	250081	4.97	ng	98
30) Benzo(a)anthracene	21.29	228	238836	4.39	ng	99
31) 3,3'-Dichlorobenzidine	21.22	252	47935	1.73	ng	95
32) Chrysene	21.34	228	226473	4.00	ng	98
33) Bis(2-ethylhexyl)phthalate	21.22	149	168861	10.24	ng	# 90
34) Indeno(1,2,3-cd)pyrene	26.31	276	233539	4.64	ng	97
36) Benzo(b)fluoranthene	23.00	252	226451	4.75	ng	98
37) Benzo(k)fluoranthene	23.05	252	226843	4.68	ng	99
38) Benzo(a)pyrene	23.63	252	214926	4.78	ng	100
39) Dibenzo(a,h)anthracene	26.32	278	195561	4.60	ng	99
40) Benzo(g,h,i)perylene	27.09	276	196773	4.55	ng	99

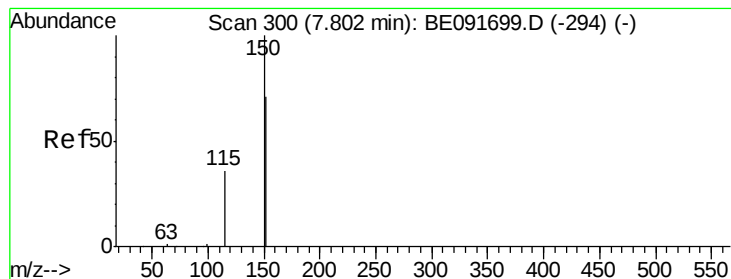
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 887

Delta R.T. -0.00 min

Lab File: BE091717.D

Acq: 26 Apr 2016 23:08

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

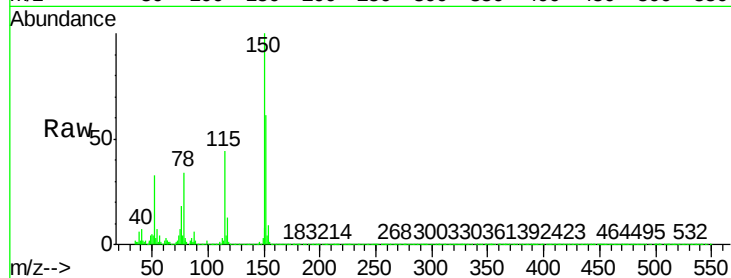
Tgt Ion:152 Resp: 28561

Ion Ratio Lower Upper

152 100

150 162.7 122.6 183.8

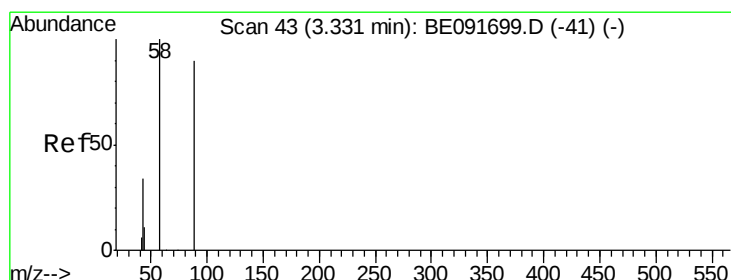
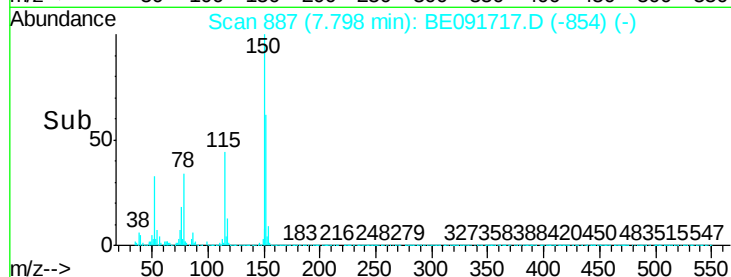
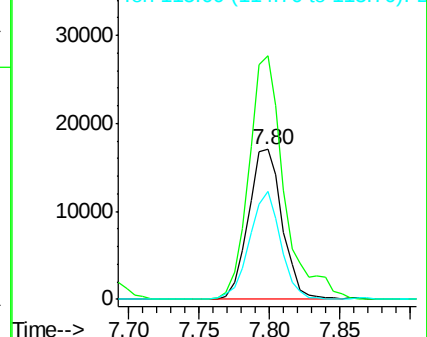
115 71.7 52.8 79.2



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: 3.90 ng

RT: 3.34 min Scan# 128

Delta R.T. 0.01 min

Lab File: BE091717.D

Acq: 26 Apr 2016 23:08

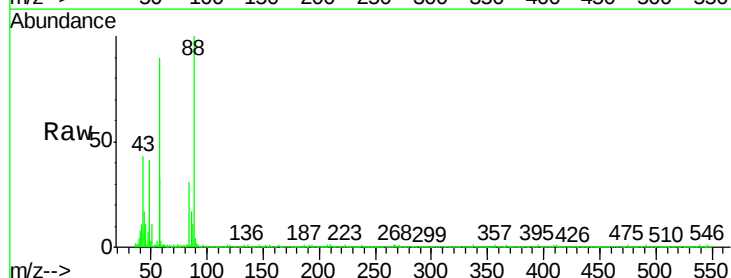
Tgt Ion: 88 Resp: 13017

Ion Ratio Lower Upper

88 100

58 85.0 65.8 98.6

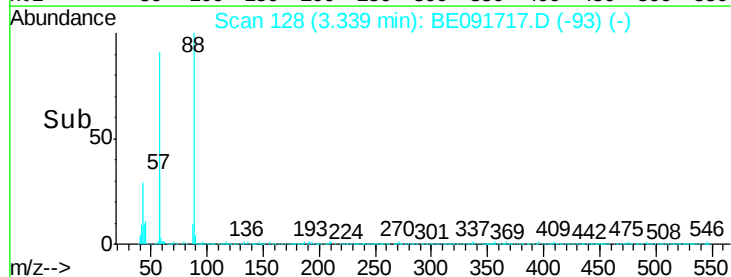
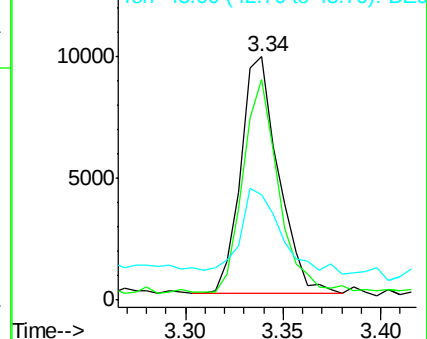
43 37.7 25.3 37.9

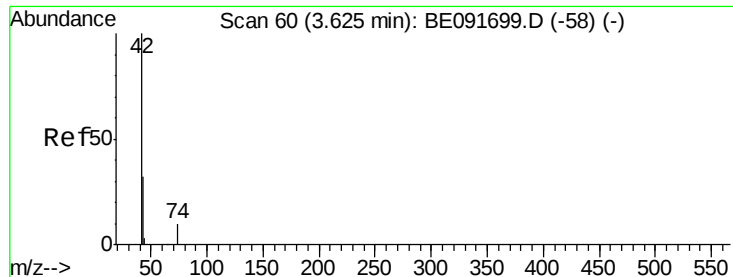


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

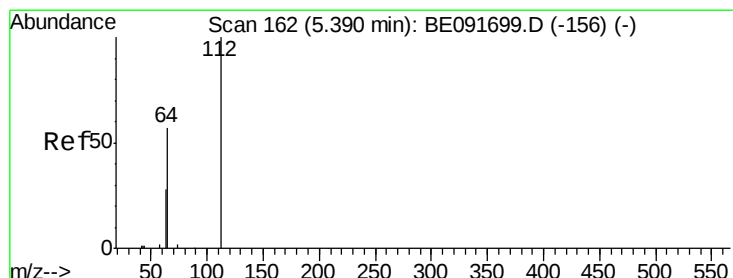
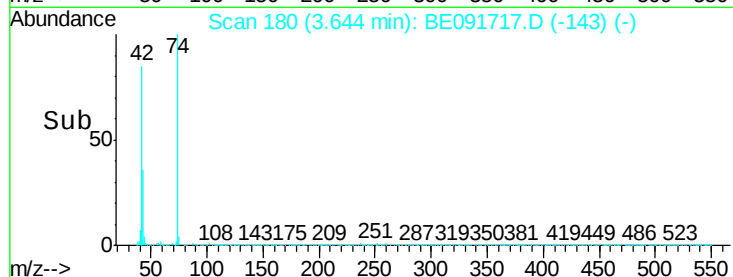
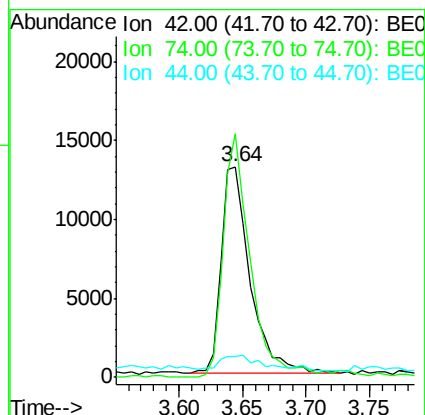
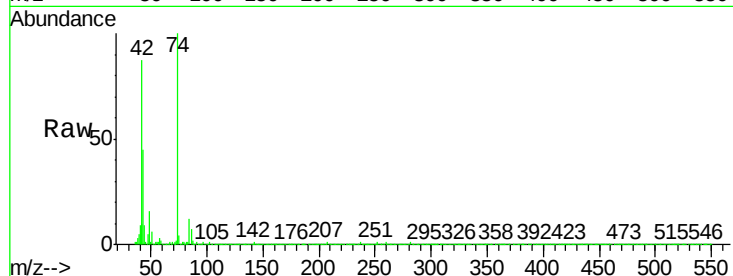




#3
n-Nitrosodimethylamine
Concen: 4.06 ng
RT: 3.64 min Scan# 180
Delta R.T. 0.02 min
Lab File: BE091717.D
Acq: 26 Apr 2016 23:08

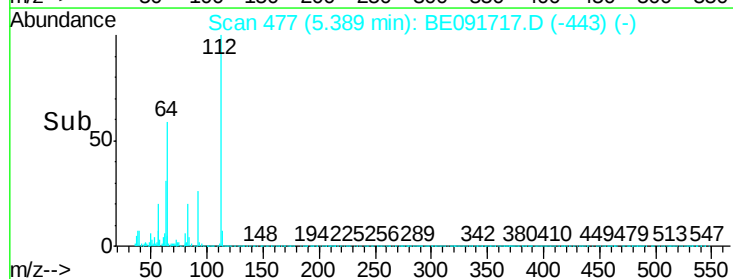
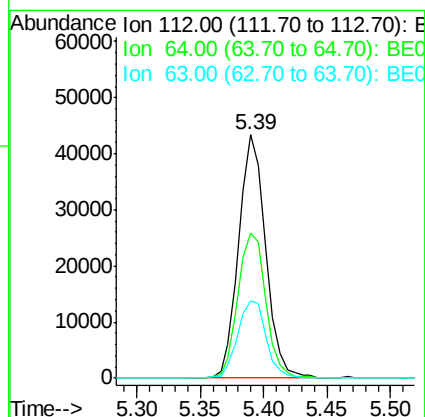
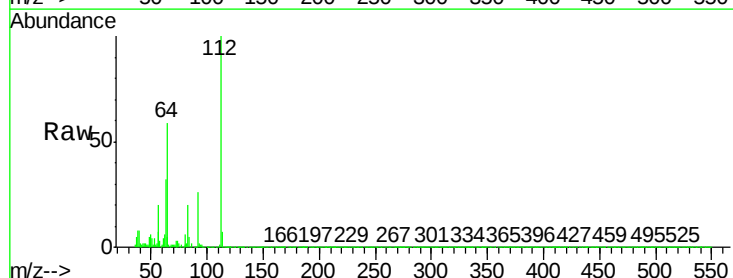
Instrument :
BNA_E
ClientSampleId :
CEDAR-HILL-TF-PS-001MSD

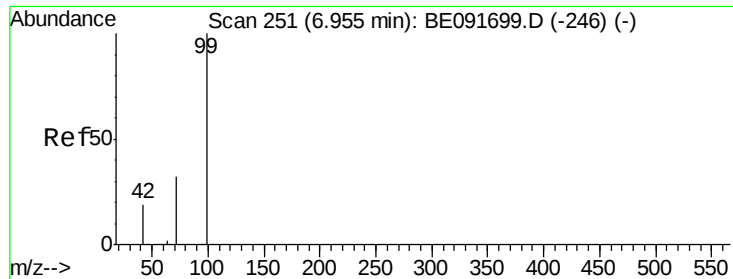
Tgt Ion: 42 Resp: 21040
Ion Ratio Lower Upper
42 100
74 109.7 87.9 131.9
44 10.1 6.6 9.8#



#4
2-Fluorophenol
Concen: 9.09 ng
RT: 5.39 min Scan# 477
Delta R.T. -0.00 min
Lab File: BE091717.D
Acq: 26 Apr 2016 23:08

Tgt Ion: 112 Resp: 63742
Ion Ratio Lower Upper
112 100
64 61.2 30.9 46.3#
63 33.6 16.7 25.1#





#5

Phenol-d6

Concen: 9.73 ng

RT: 6.96 min Scan# 744

Delta R.T. 0.00 min

Lab File: BE091717.D

Acq: 26 Apr 2016 23:08

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

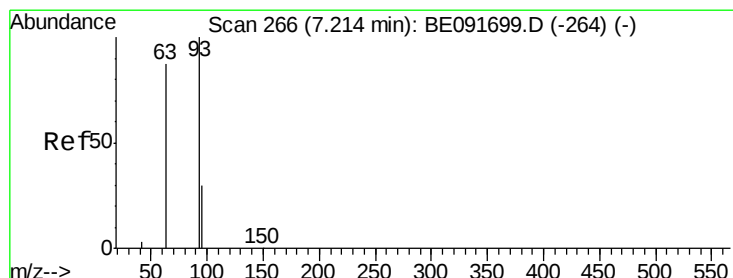
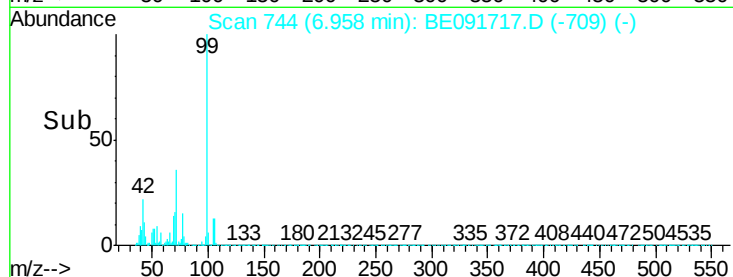
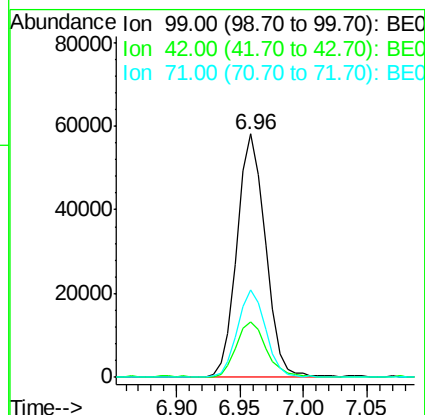
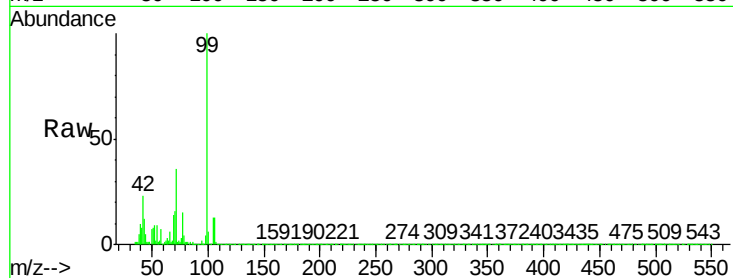
Tgt Ion: 99 Resp: 90525

Ion Ratio Lower Upper

99 100

42 23.7 16.2 24.2

71 35.6 29.0 43.4



#6

bis(2-Chloroethyl)ether

Concen: 4.89 ng

RT: 7.22 min Scan# 789

Delta R.T. 0.01 min

Lab File: BE091717.D

Acq: 26 Apr 2016 23:08

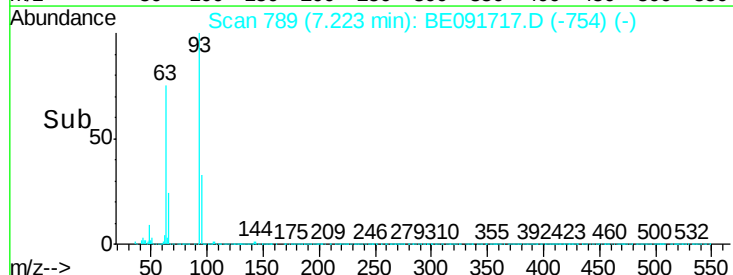
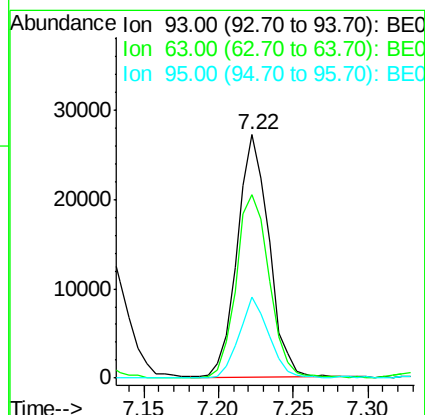
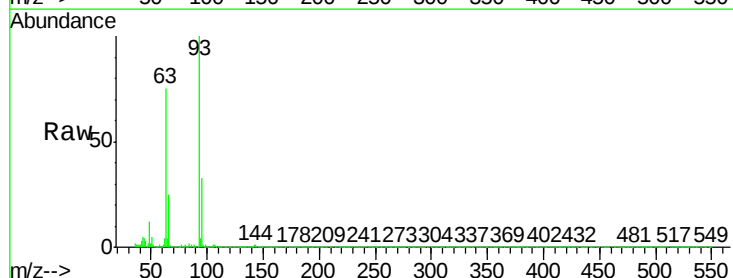
Tgt Ion: 93 Resp: 40023

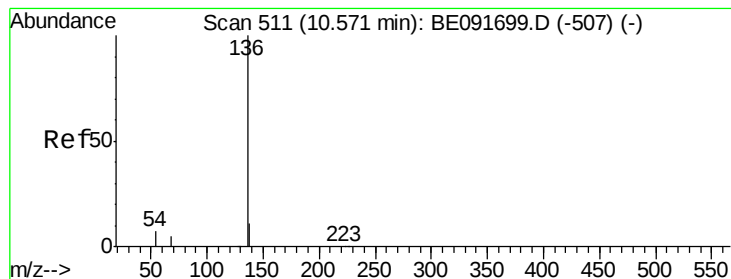
Ion Ratio Lower Upper

93 100

63 79.0 49.5 74.3#

95 31.4 22.2 33.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BE091717.D

Acq: 26 Apr 2016 23:08

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

Tgt Ion: 136 Resp: 132133

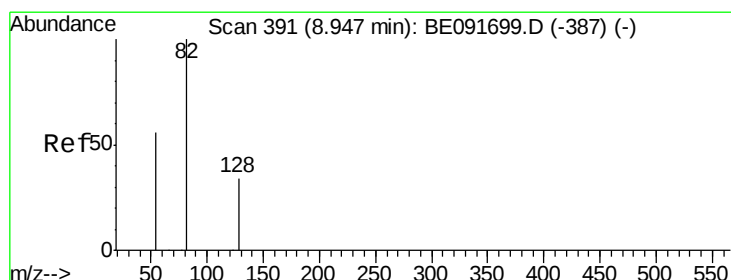
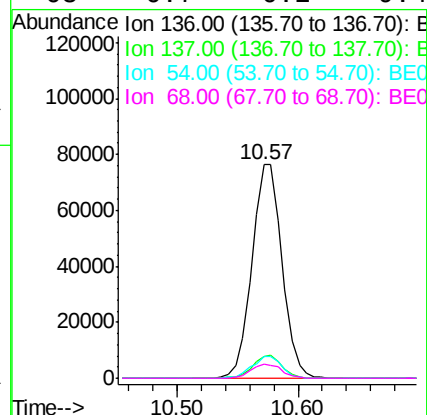
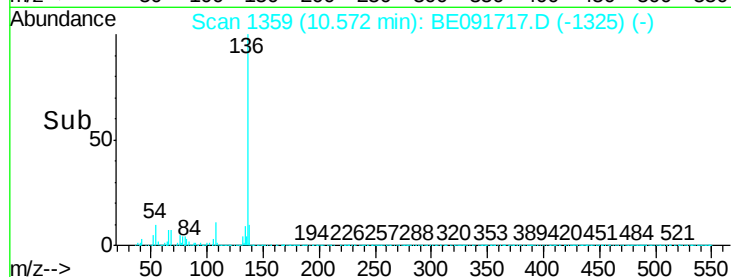
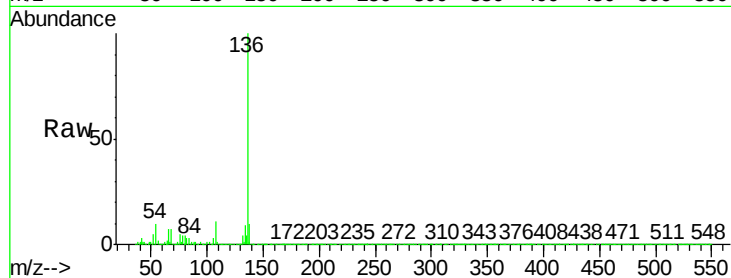
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 10.2 8.2 12.4

68 6.7 6.2 9.4



#8

Nitrobenzene-d5

Concen: 4.90 ng

RT: 8.94 min Scan# 1082

Delta R.T. -0.00 min

Lab File: BE091717.D

Acq: 26 Apr 2016 23:08

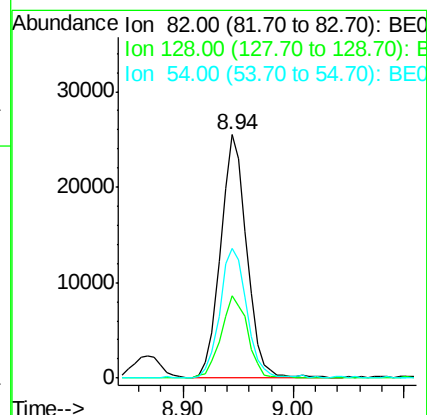
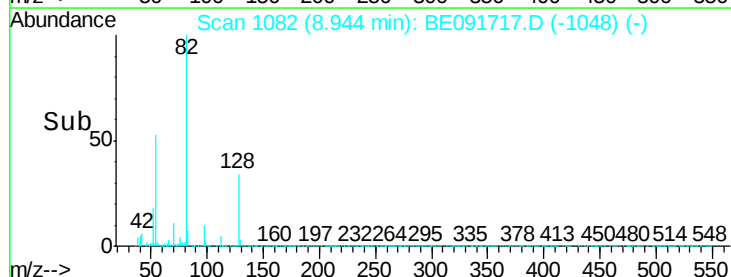
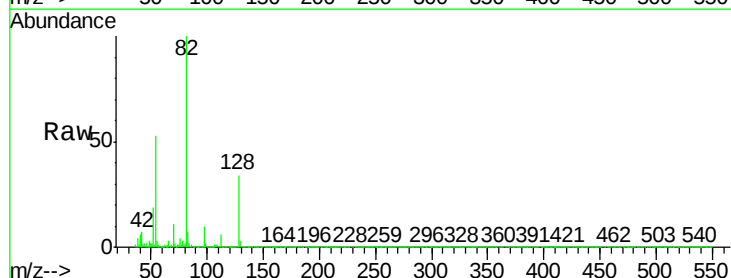
Tgt Ion: 82 Resp: 41802

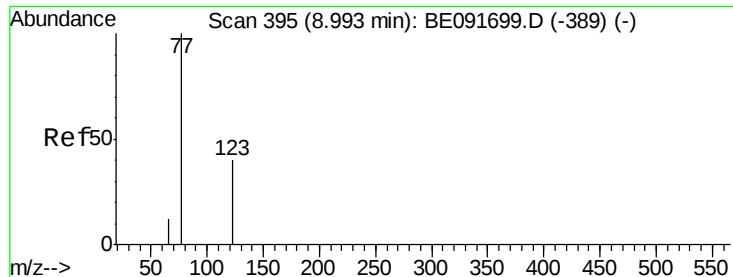
Ion Ratio Lower Upper

82 100

128 33.6 25.4 38.0

54 53.3 48.4 72.6





#9

Nitrobenzene

Concen: 4.80 ng

RT: 8.99 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BE091717.D

Acq: 26 Apr 2016 23:08

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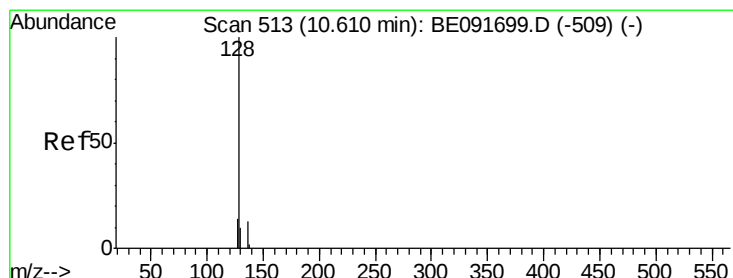
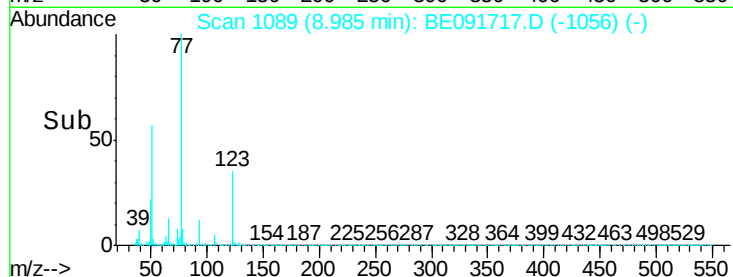
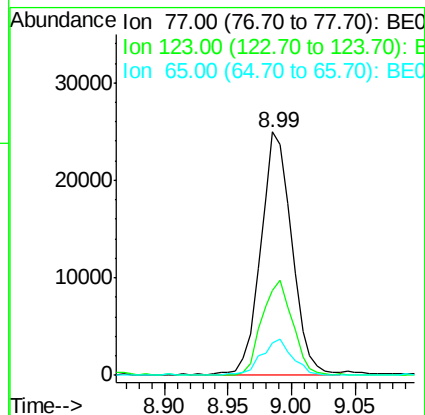
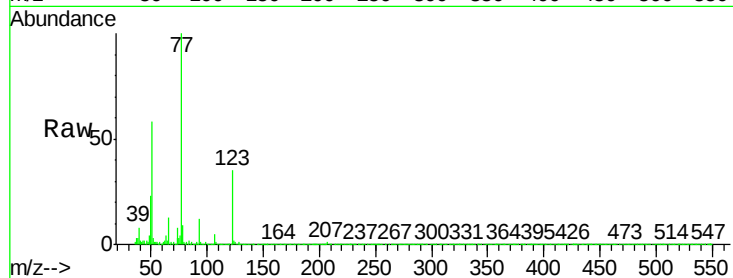
Tgt Ion: 77 Resp: 42854

Ion Ratio Lower Upper

77 100

123 38.9 26.9 40.3

65 14.7 9.4 14.2#



#10

Naphthalene

Concen: 4.43 ng

RT: 10.62 min Scan# 1368

Delta R.T. 0.01 min

Lab File: BE091717.D

Acq: 26 Apr 2016 23:08

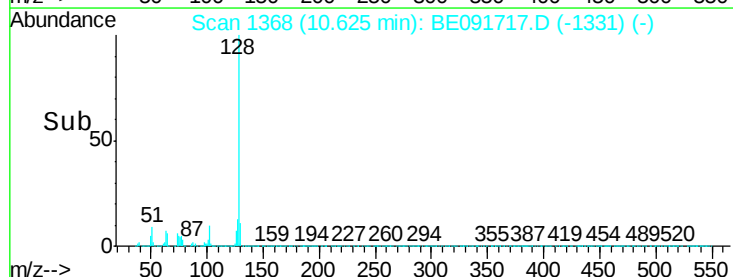
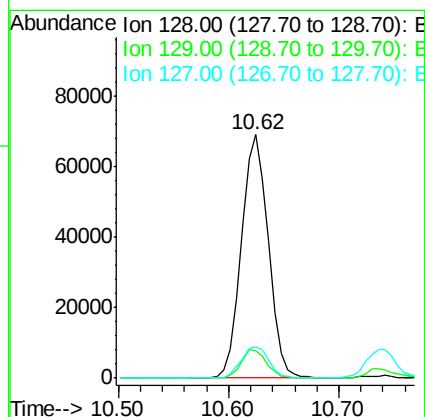
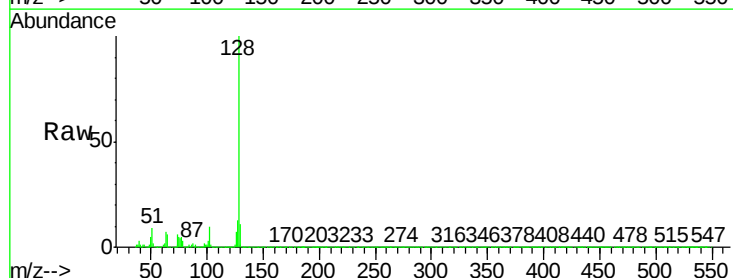
Tgt Ion: 128 Resp: 118236

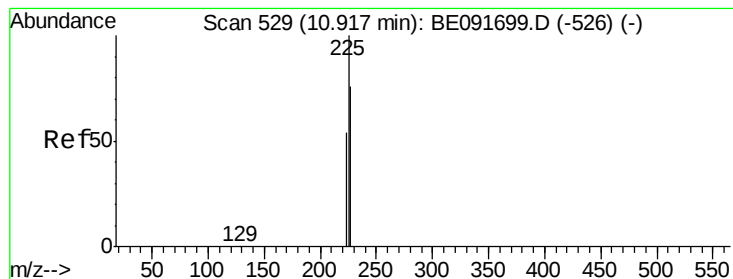
Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

127 12.9 10.7 16.1





#11

Hexachlorobutadiene

Concen: 4.37 ng

RT: 10.91 min Scan# 1416

Delta R.T. -0.01 min

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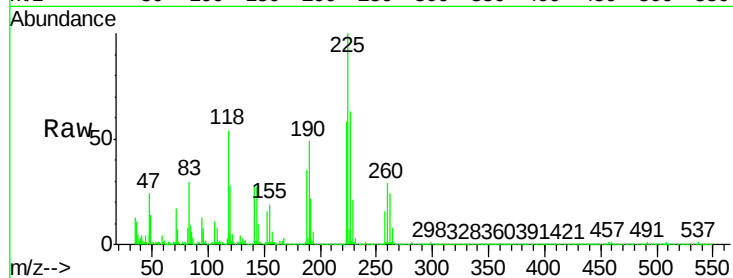
Tgt Ion:225 Resp: 17207

Ion Ratio Lower Upper

225 100

223 66.5 49.0 73.6

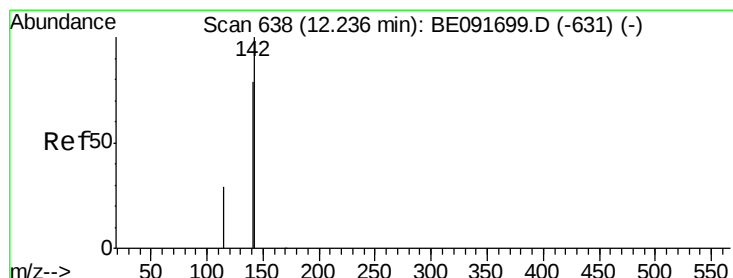
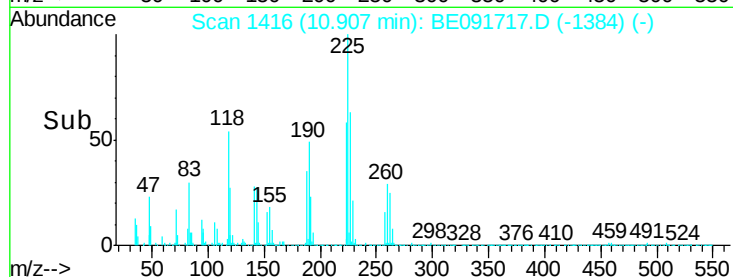
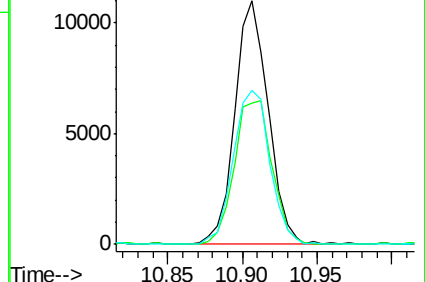
227 68.9 50.3 75.5



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: 4.80 ng

RT: 12.23 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BE091717.D

Acq: 26 Apr 2016 23:08

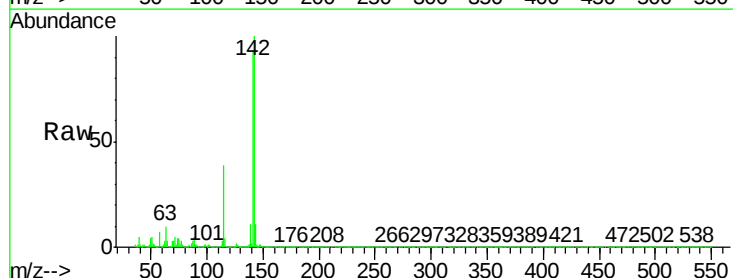
Tgt Ion:142 Resp: 82312

Ion Ratio Lower Upper

142 100

141 92.7 71.4 107.0

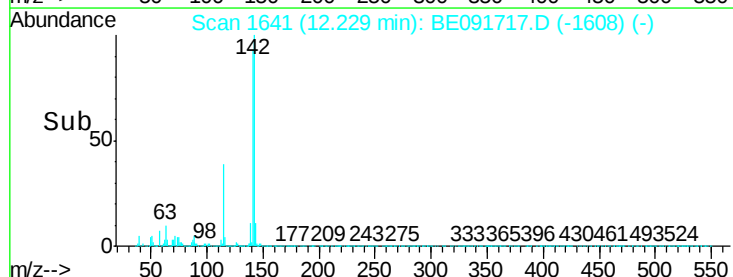
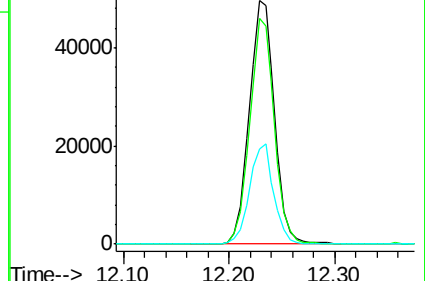
115 39.3 30.3 45.5

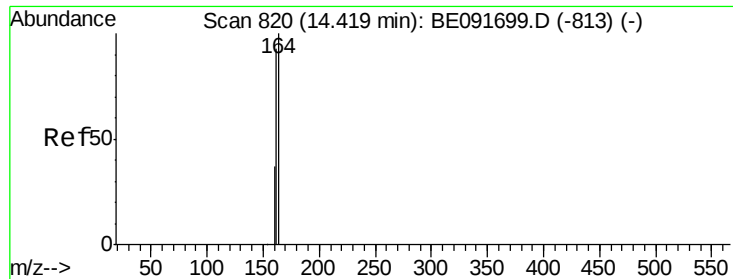


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

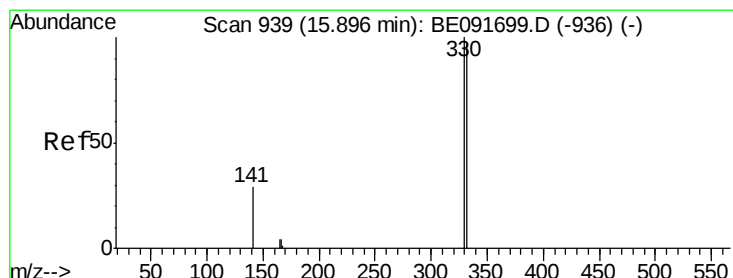
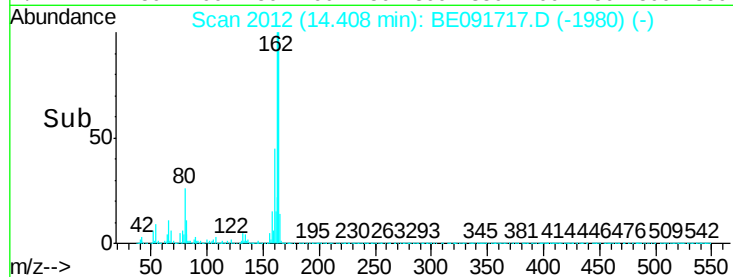
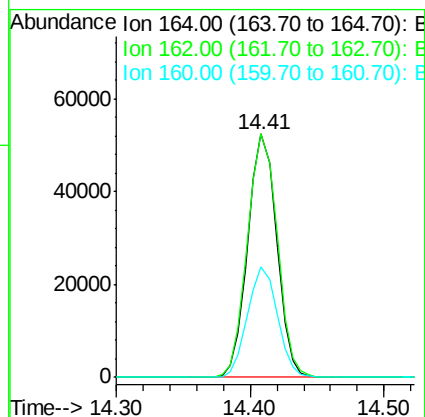
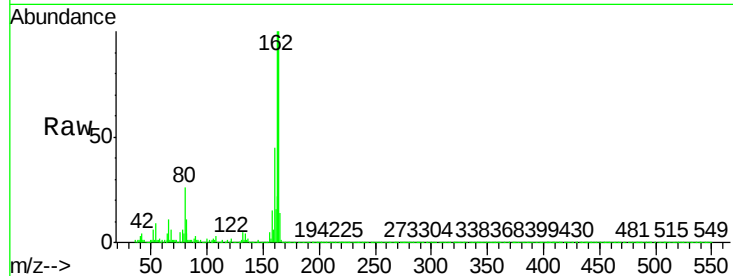




#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.41 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BE091717.D
Acq: 26 Apr 2016 23:08

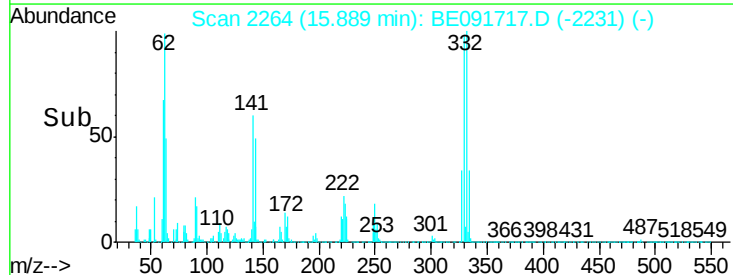
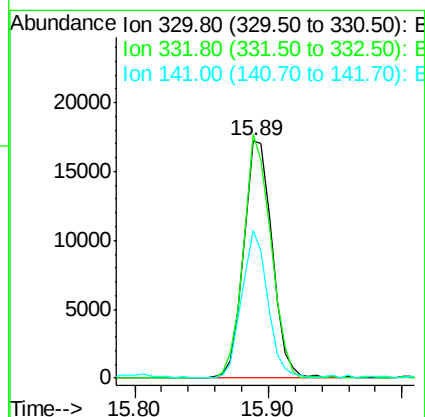
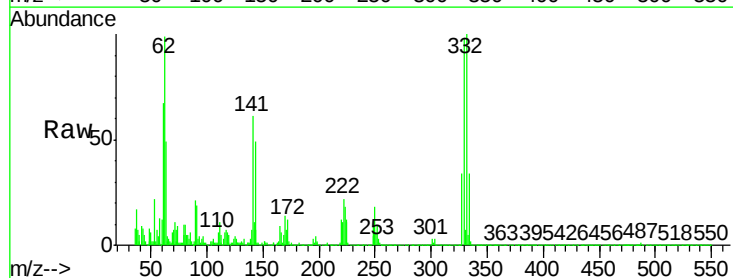
Instrument :
BNA_E
ClientSampleId :
CEDAR-HILL-TF-PS-001MSD

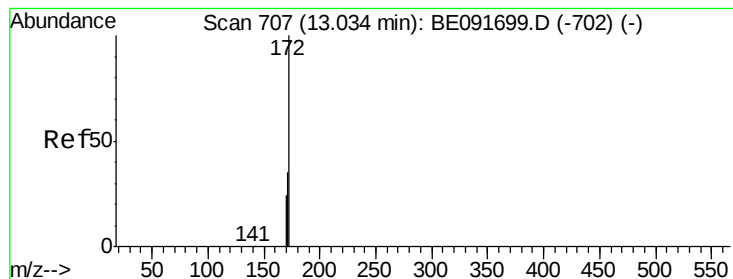
Tgt Ion:164 Resp: 78381
Ion Ratio Lower Upper
164 100
162 100.0 85.3 127.9
160 45.3 46.2 69.2#



#14
2,4,6-Tribromophenol
Concen: 8.68 ng
RT: 15.89 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BE091717.D
Acq: 26 Apr 2016 23:08

Tgt Ion:330 Resp: 25382
Ion Ratio Lower Upper
330 100
332 98.6 79.1 118.7
141 56.6 125.4 188.0#

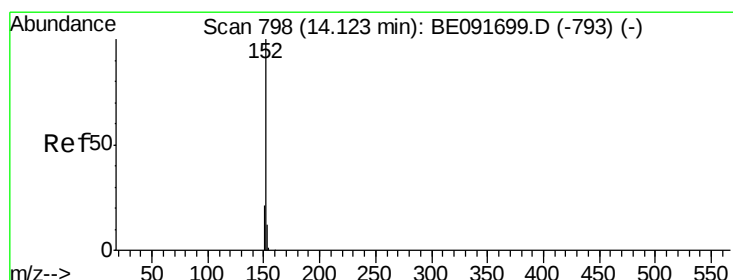
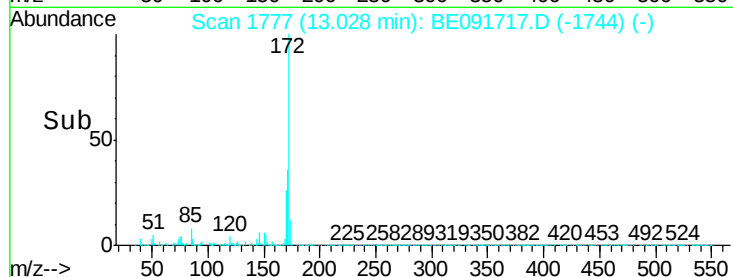
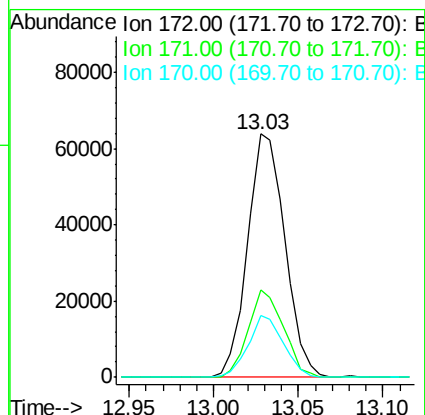
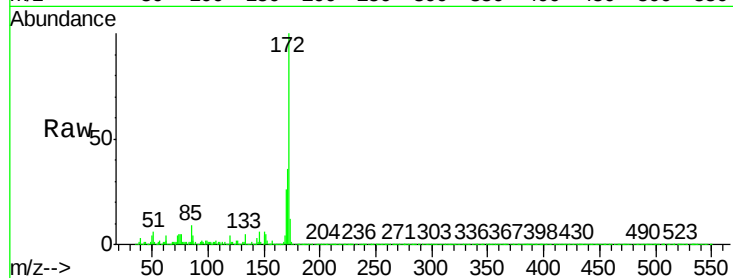




#15
2-Fluorobiphenyl
Concen: 4.43 ng
RT: 13.03 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BE091717.D
Acq: 26 Apr 2016 23:08

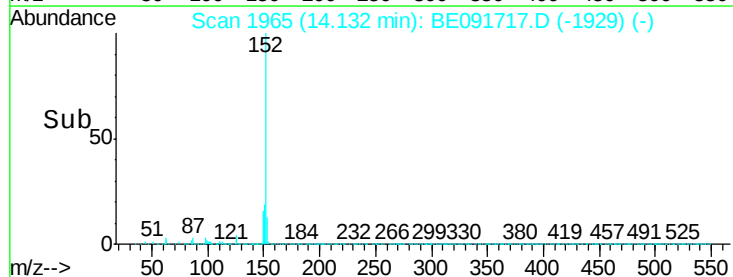
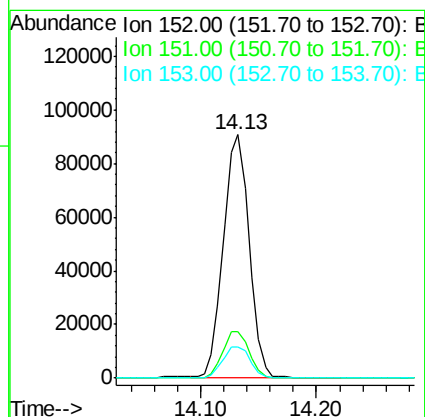
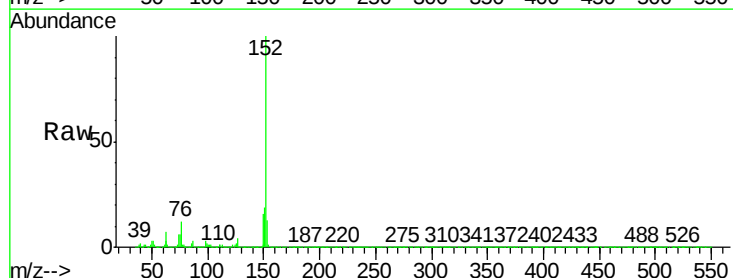
Instrument :
BNA_E
ClientSampleId :
CEDAR-HILL-TF-PS-001MSD

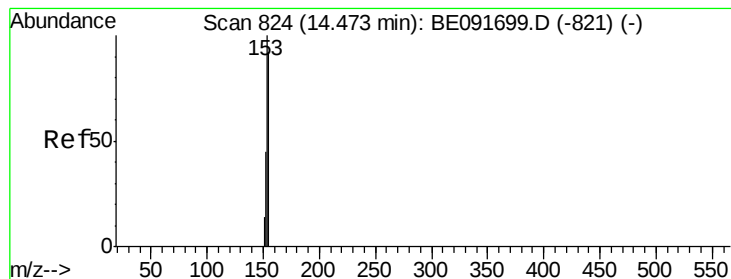
Tgt Ion:172 Resp: 98279
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 25.6 19.3 28.9



#16
Acenaphthylene
Concen: 4.64 ng
RT: 14.13 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BE091717.D
Acq: 26 Apr 2016 23:08

Tgt Ion:152 Resp: 139840
Ion Ratio Lower Upper
152 100
151 19.8 3.9 5.9#
153 13.8 10.3 15.5





#17

Acenaphthene

Concen: 4.37 ng

RT: 14.47 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BE091717.D

Acq: 26 Apr 2016 23:08

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

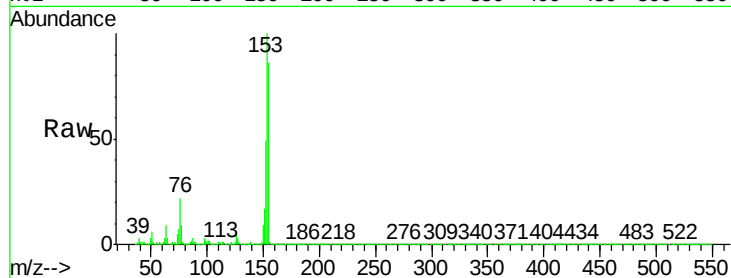
Tgt Ion:154 Resp: 85429

Ion Ratio Lower Upper

154 100

153 115.8 80.0 120.0

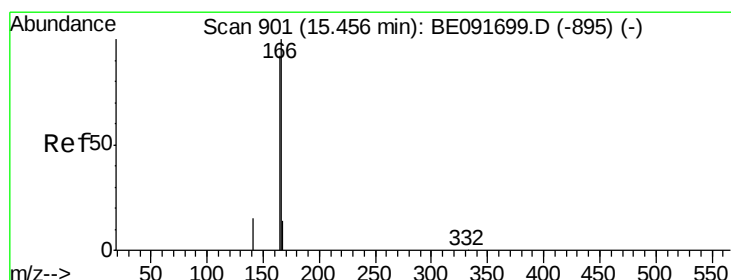
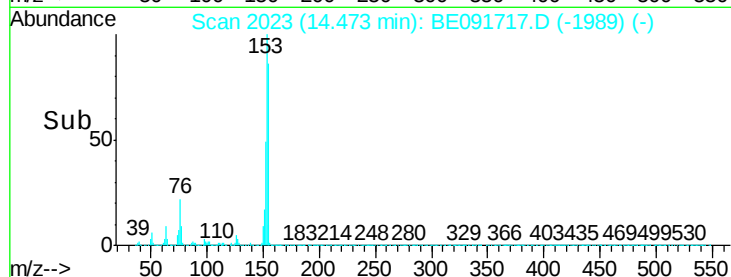
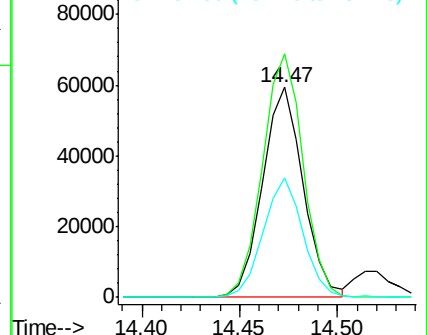
152 55.8 40.0 60.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 4.69 ng

RT: 15.45 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BE091717.D

Acq: 26 Apr 2016 23:08

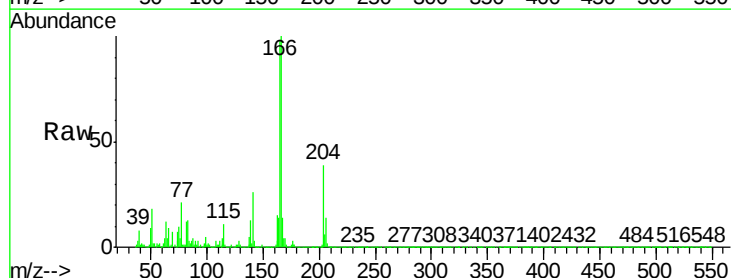
Tgt Ion:166 Resp: 114100

Ion Ratio Lower Upper

166 100

165 100.1 80.8 121.2

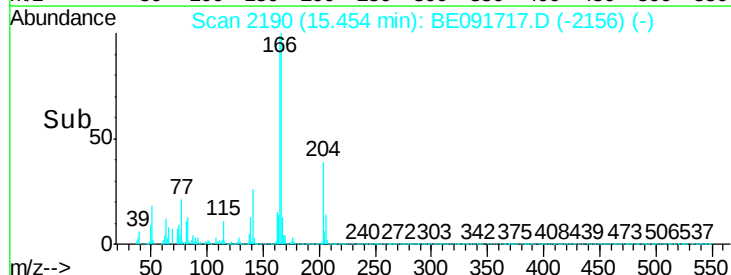
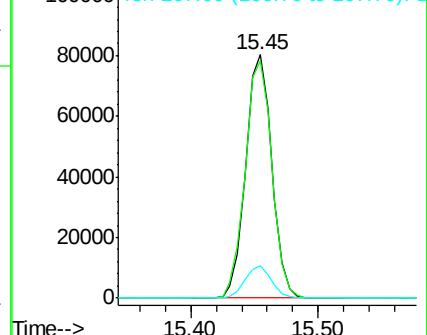
167 13.4 10.9 16.3

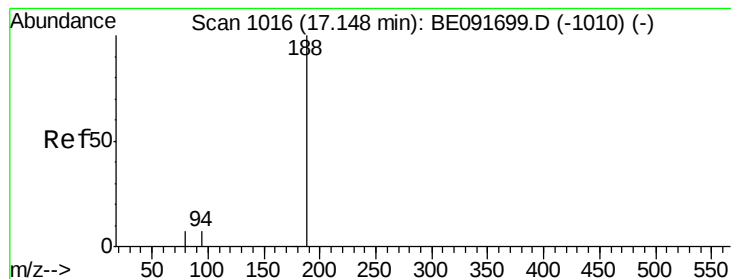


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.14 min Scan# 2477

Delta R.T. -0.01 min

Lab File: BE091717.D

Acq: 26 Apr 2016 23:08

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

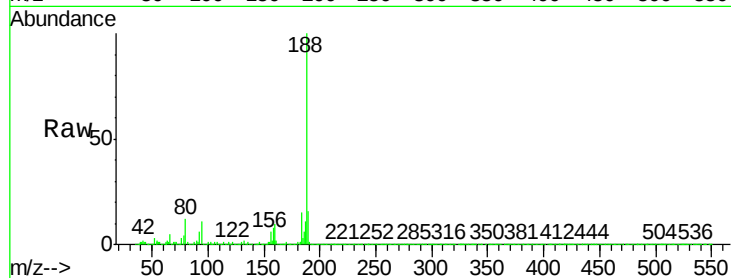
Tgt Ion:188 Resp: 185678

Ion Ratio Lower Upper

188 100

94 11.2 8.7 13.1

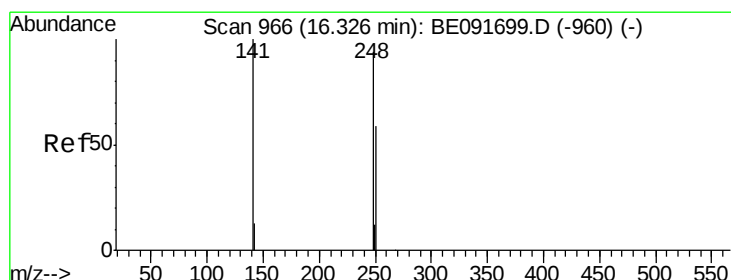
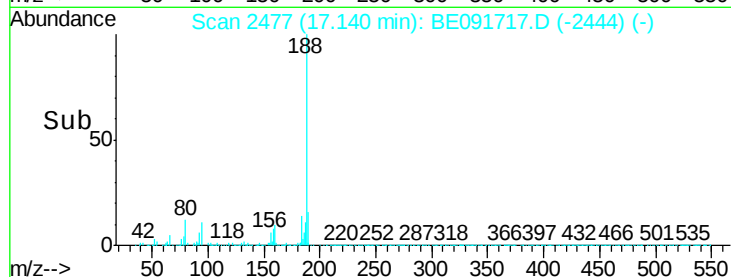
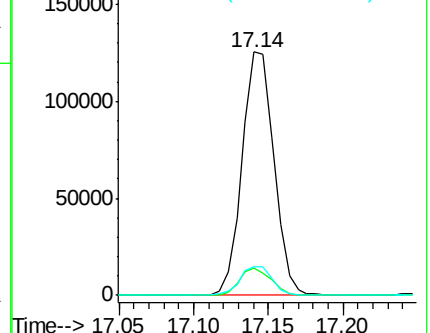
80 12.0 9.4 14.0



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: 4.59 ng

RT: 16.34 min Scan# 2341

Delta R.T. 0.02 min

Lab File: BE091717.D

Acq: 26 Apr 2016 23:08

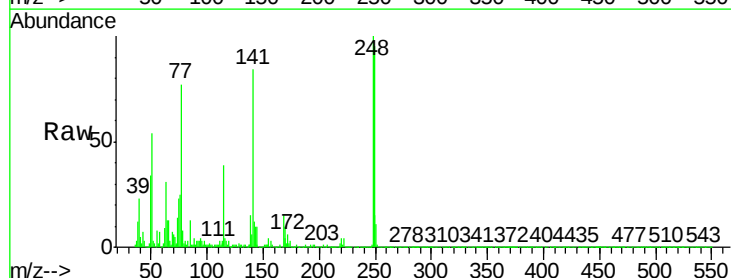
Tgt Ion:248 Resp: 30683

Ion Ratio Lower Upper

248 100

250 96.2 80.5 120.7

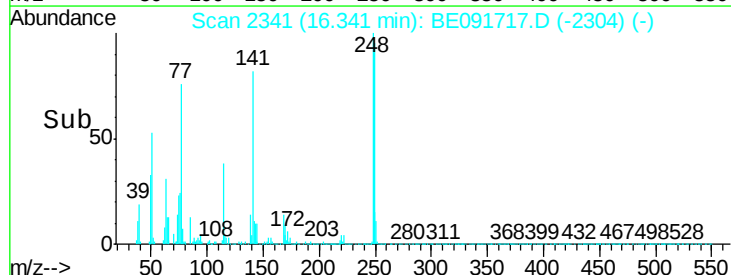
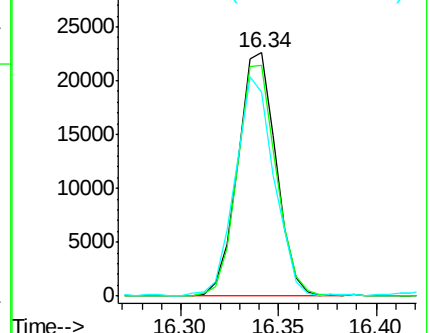
141 90.8 72.0 108.0

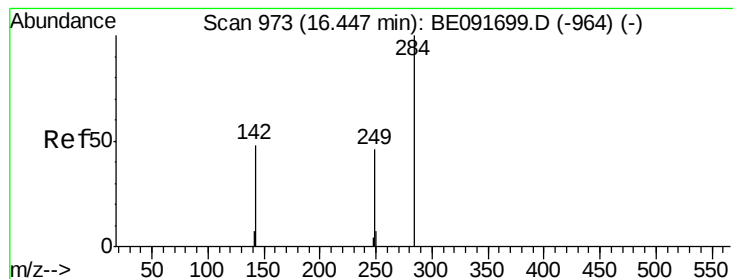


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 4.85 ng

RT: 16.45 min Scan# 2360

Delta R.T. 0.01 min

Lab File: BE091717.D

Acq: 26 Apr 2016 23:08

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

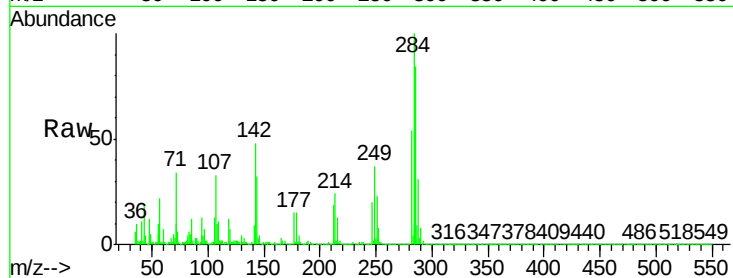
Tgt Ion: 284 Resp: 32351

Ion Ratio Lower Upper

284 100

142 48.0 32.2 48.2

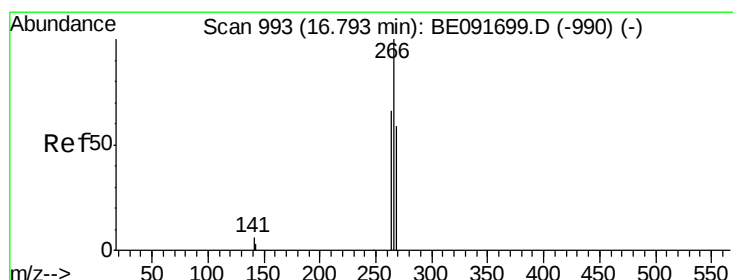
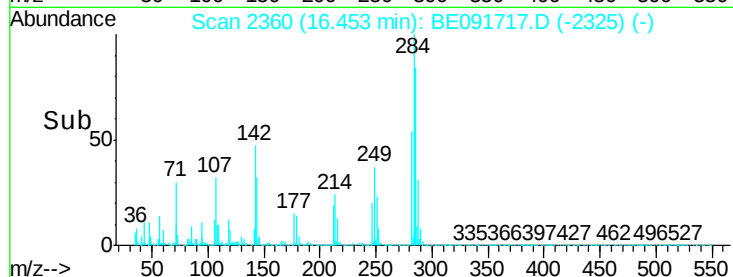
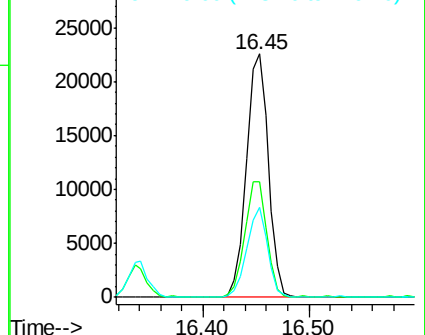
249 35.2 25.4 38.2



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: 10.80 ng

RT: 16.79 min Scan# 2418

Delta R.T. 0.00 min

Lab File: BE091717.D

Acq: 26 Apr 2016 23:08

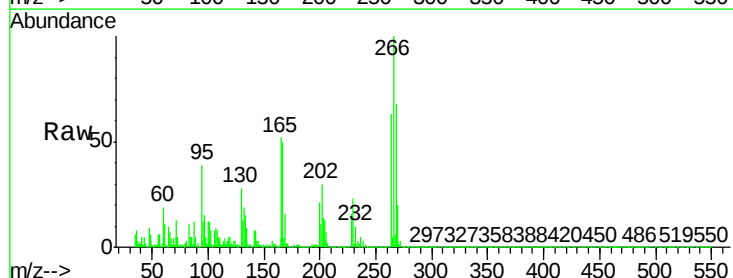
Tgt Ion: 266 Resp: 39124

Ion Ratio Lower Upper

266 100

268 68.2 58.2 87.2

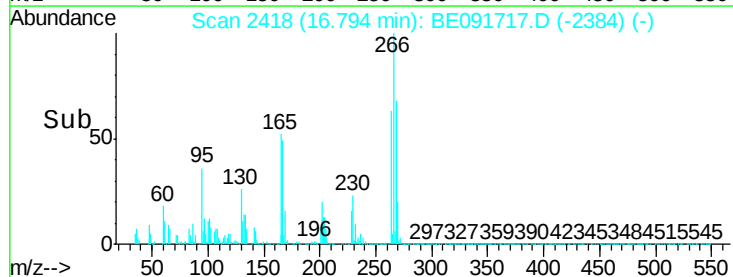
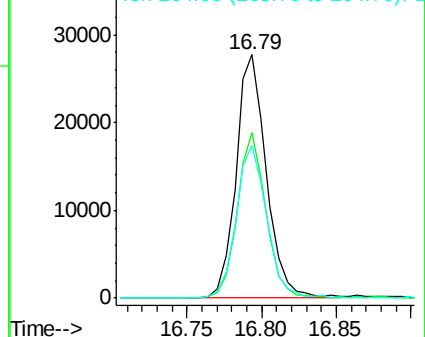
264 62.6 56.2 84.4

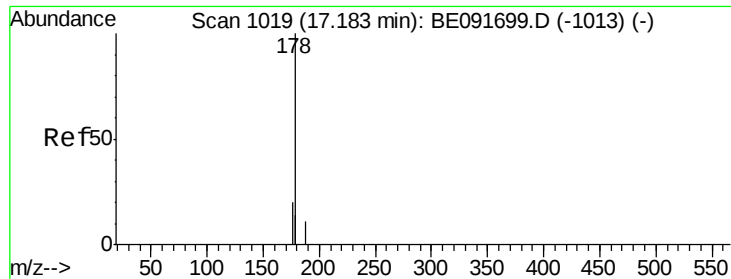


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 4.70 ng

RT: 17.18 min Scan# 2484

Delta R.T. -0.00 min

Lab File: BE091717.D

Acq: 26 Apr 2016 23:08

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

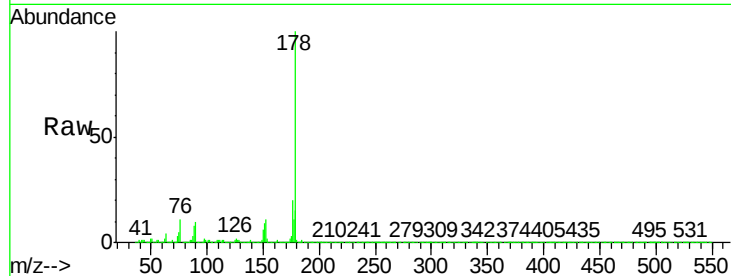
Tgt Ion:178 Resp: 198444

Ion Ratio Lower Upper

178 100

176 20.1 15.3 22.9

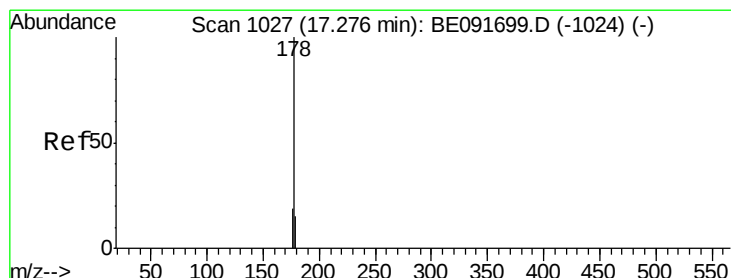
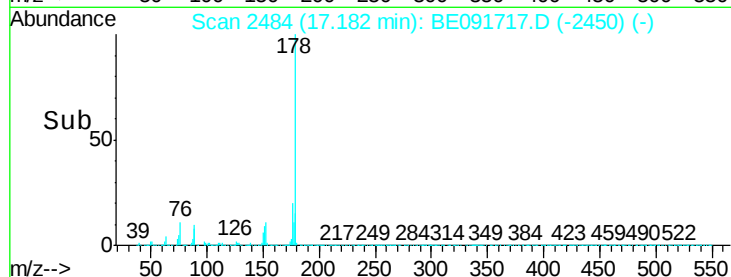
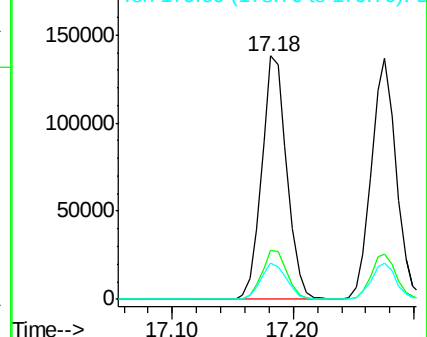
179 15.3 12.6 18.8



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



#24

Anthracene

Concen: 5.16 ng

RT: 17.28 min Scan# 2500

Delta R.T. -0.00 min

Lab File: BE091717.D

Acq: 26 Apr 2016 23:08

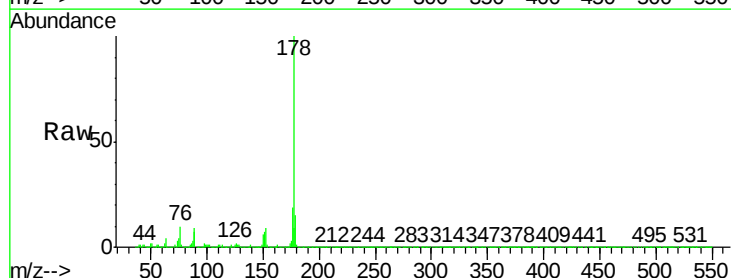
Tgt Ion:178 Resp: 196206

Ion Ratio Lower Upper

178 100

176 19.1 14.6 21.8

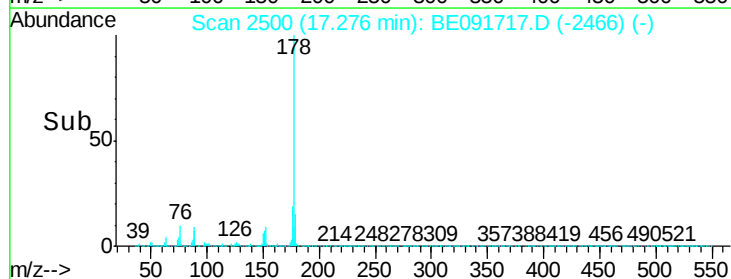
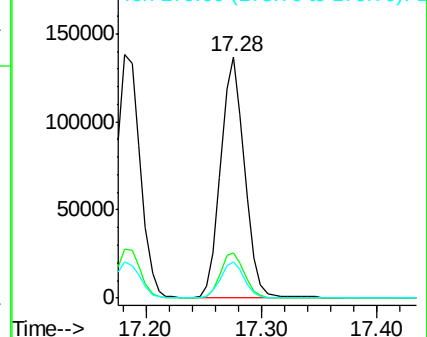
179 14.9 11.8 17.6

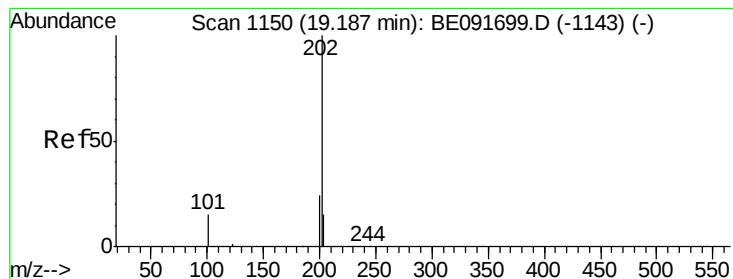


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 5.25 ng

RT: 19.19 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BE091717.D

Acq: 26 Apr 2016 23:08

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

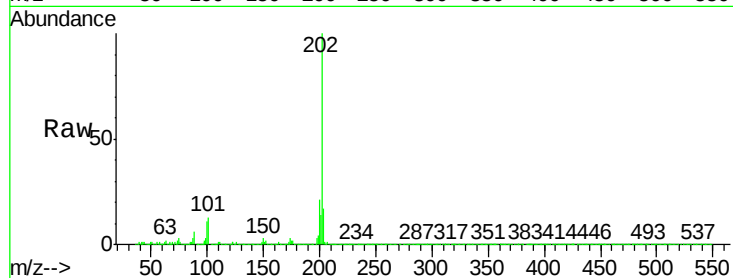
Tgt Ion:202 Resp: 231547

Ion Ratio Lower Upper

202 100

101 13.3 11.0 16.6

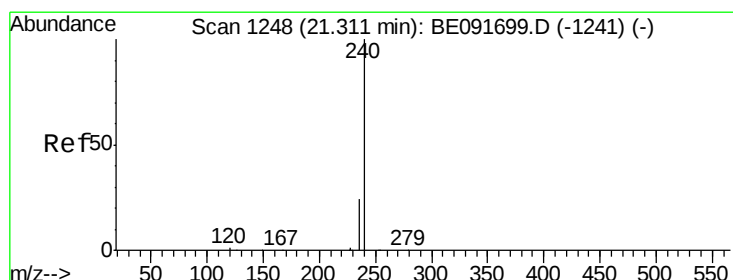
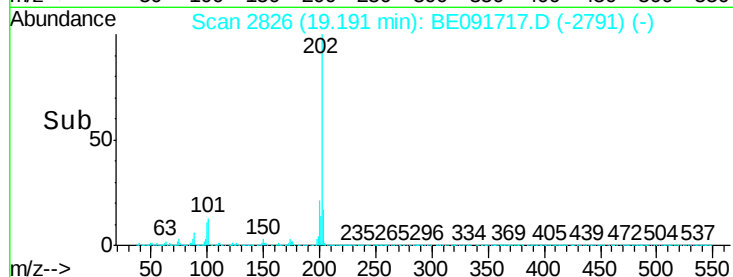
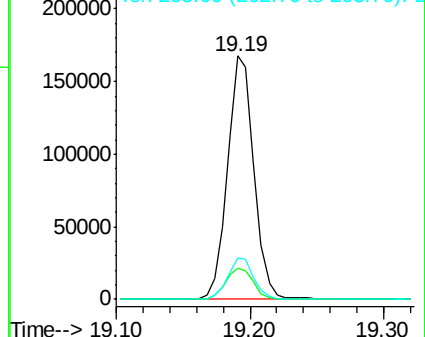
203 17.0 13.9 20.9



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# 3186

Delta R.T. -0.01 min

Lab File: BE091717.D

Acq: 26 Apr 2016 23:08

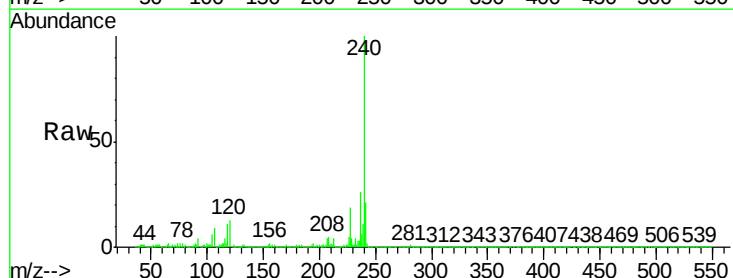
Tgt Ion:240 Resp: 222751

Ion Ratio Lower Upper

240 100

120 13.2 11.0 16.4

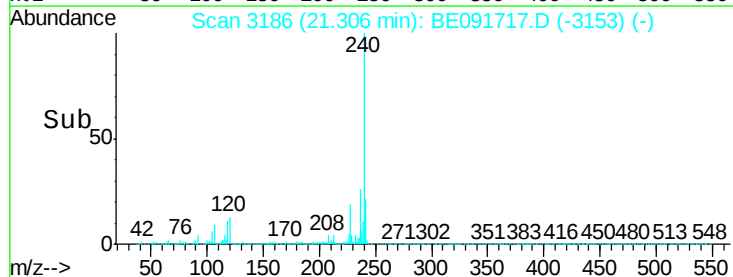
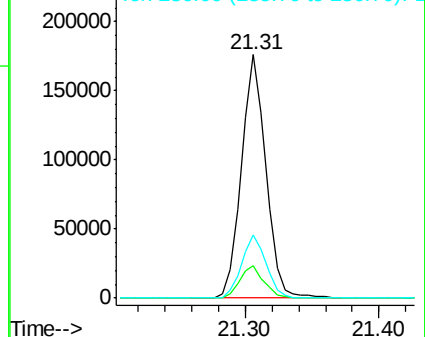
236 26.2 21.7 32.5

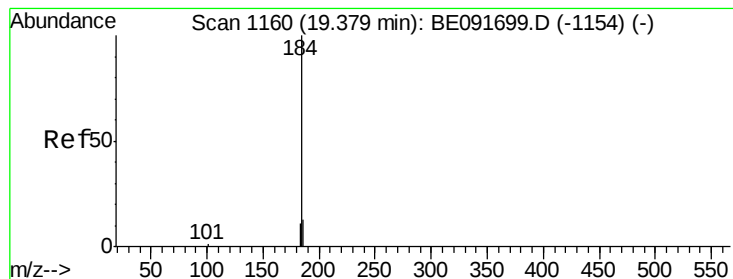


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 1.73 ng

RT: 19.38 min Scan# 2859

Delta R.T. 0.01 min

Lab File: BE091717.D

Acq: 26 Apr 2016 23:08

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

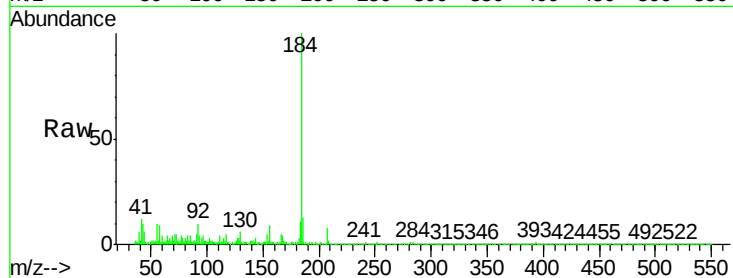
Tgt Ion:184 Resp: 28624

Ion Ratio Lower Upper

184 100

185 12.8 22.3 33.5#

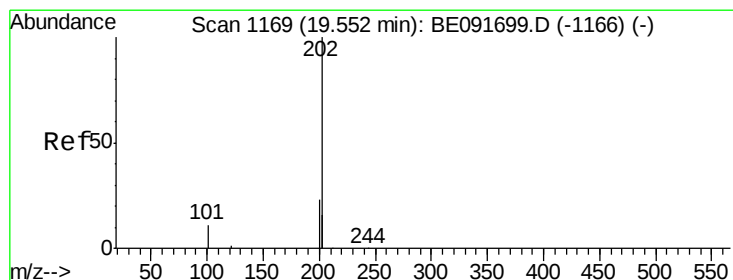
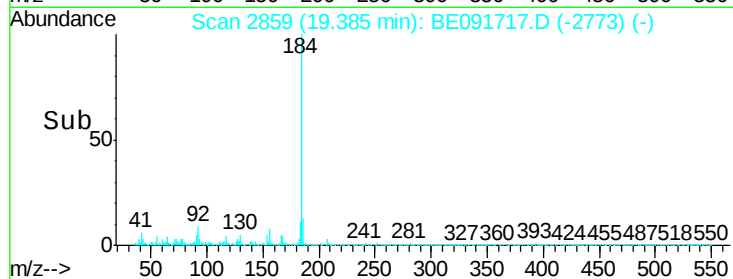
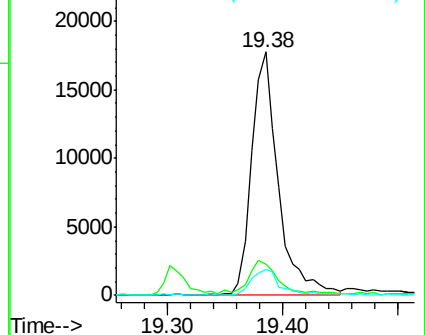
183 10.9 16.4 24.6#



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: 4.97 ng

RT: 19.56 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BE091717.D

Acq: 26 Apr 2016 23:08

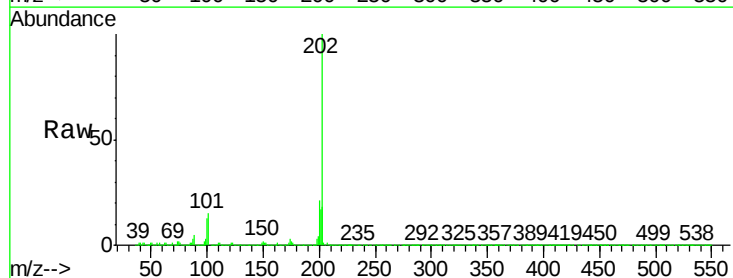
Tgt Ion:202 Resp: 250081

Ion Ratio Lower Upper

202 100

200 21.9 16.8 25.2

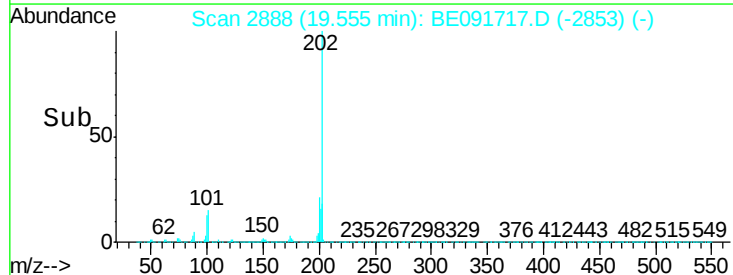
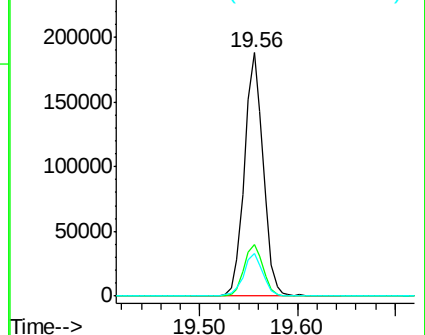
203 18.3 14.0 21.0

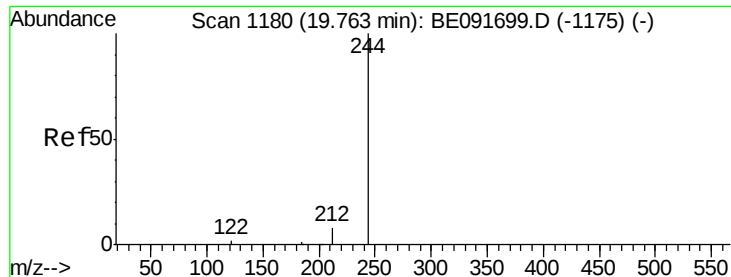


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

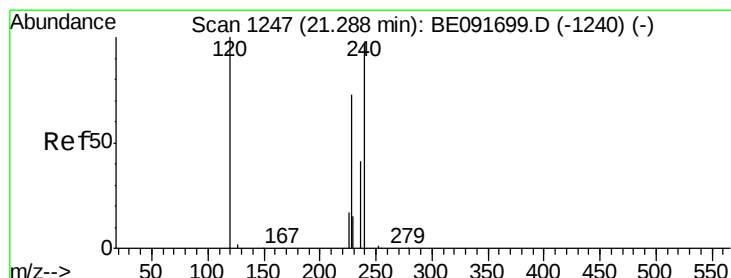
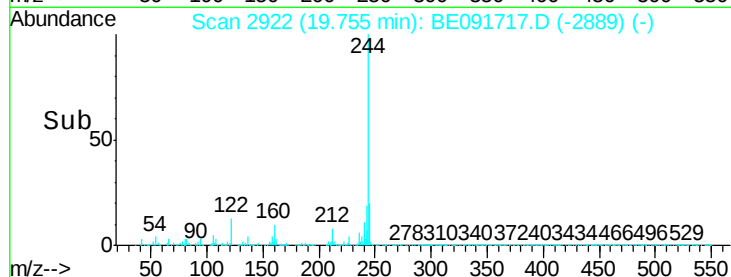
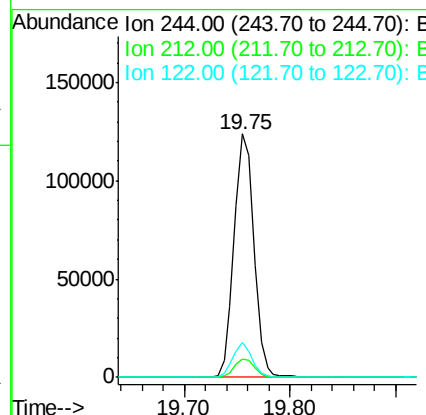
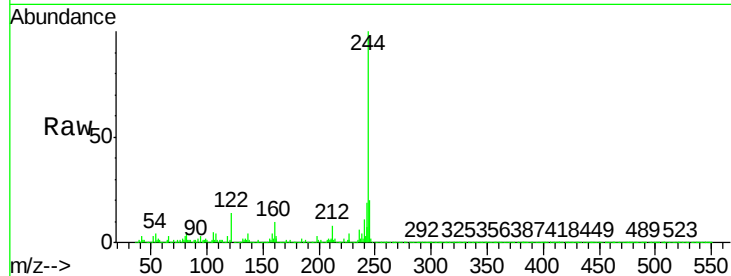




#29
 Terphenyl-d14
 Concen: 4.62 ng
 RT: 19.75 min Scan# 2922
 Delta R.T. -0.01 min
 Lab File: BE091717.D
 Acq: 26 Apr 2016 23:08

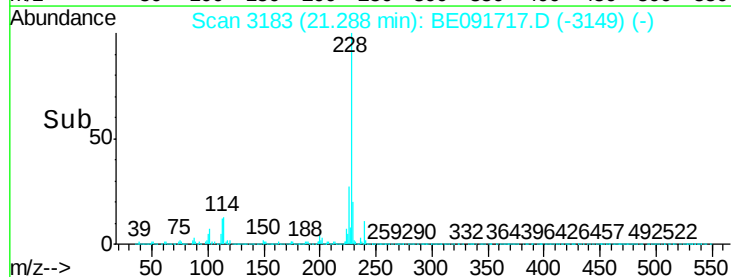
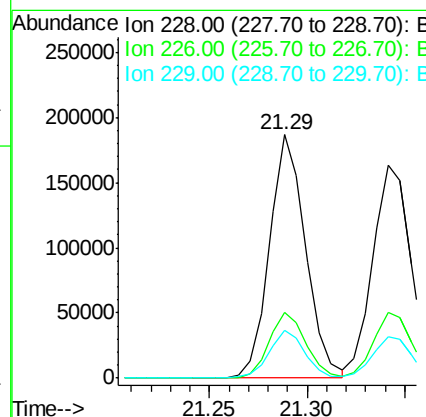
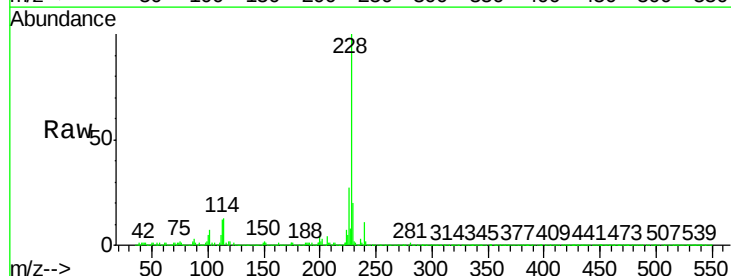
Instrument :
 BNA_E
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MSD

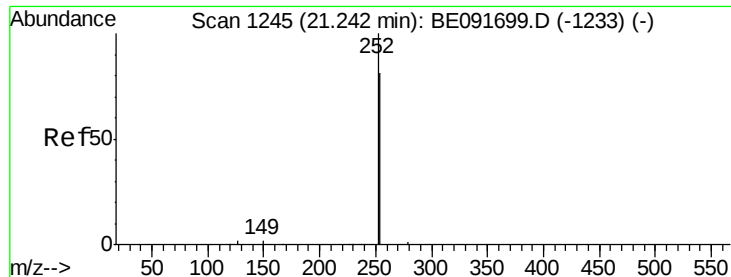
Tgt Ion:244 Resp: 160463
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.9 10.3
 122 14.4 11.0 16.4



#30
 Benzo(a)anthracene
 Concen: 4.39 ng
 RT: 21.29 min Scan# 3183
 Delta R.T. 0.00 min
 Lab File: BE091717.D
 Acq: 26 Apr 2016 23:08

Tgt Ion:228 Resp: 238836
 Ion Ratio Lower Upper
 228 100
 226 27.2 21.0 31.4
 229 19.7 15.7 23.5

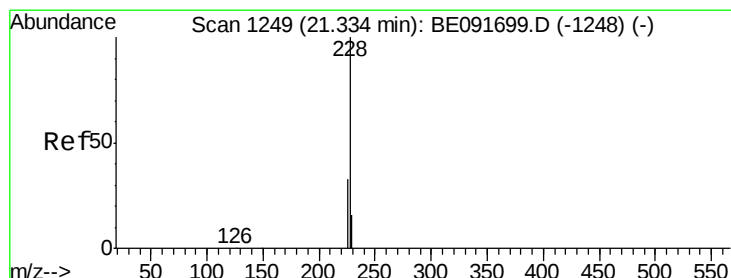
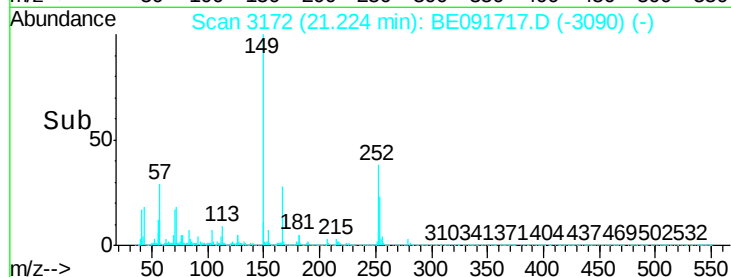
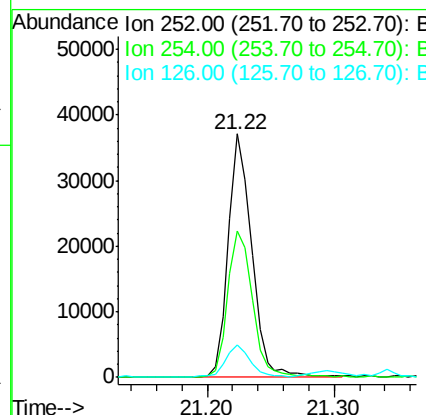
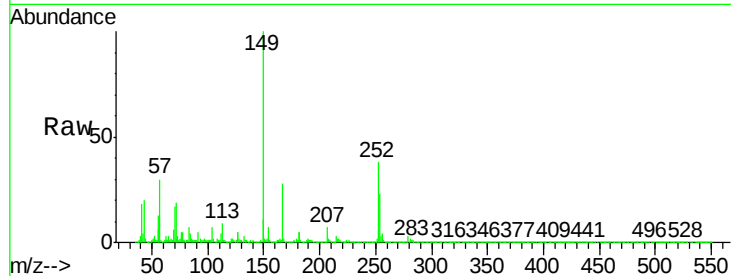




#31
 3,3'-Dichlorobenzidine
 Concen: 1.73 ng
 RT: 21.22 min Scan# 3172
 Delta R.T. -0.02 min
 Lab File: BE091717.D
 Acq: 26 Apr 2016 23:08

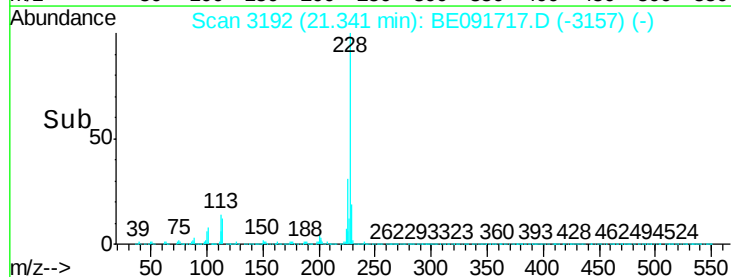
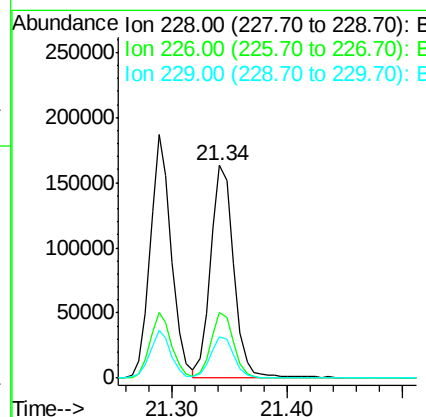
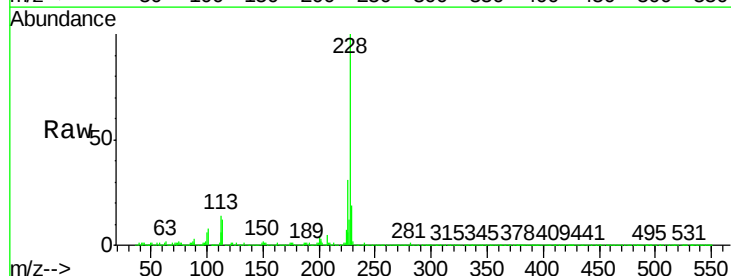
Instrument :
 BNA_E
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MSD

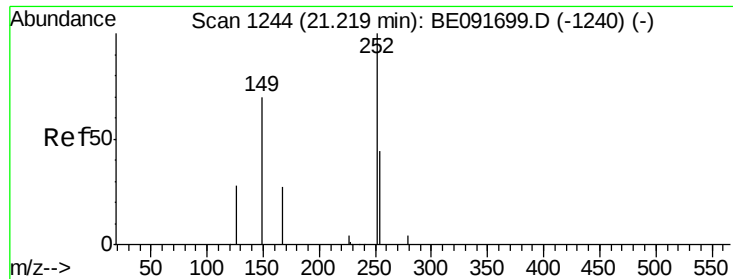
Tgt Ion: 252 Resp: 47935
 Ion Ratio Lower Upper
 252 100
 254 59.8 51.1 76.7
 126 13.3 12.6 18.8



#32
 Chrysene
 Concen: 4.00 ng
 RT: 21.34 min Scan# 3192
 Delta R.T. 0.01 min
 Lab File: BE091717.D
 Acq: 26 Apr 2016 23:08

Tgt Ion: 228 Resp: 226473
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.0 36.0
 229 19.2 15.9 23.9

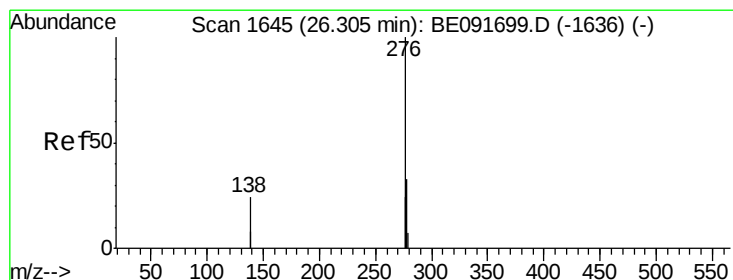
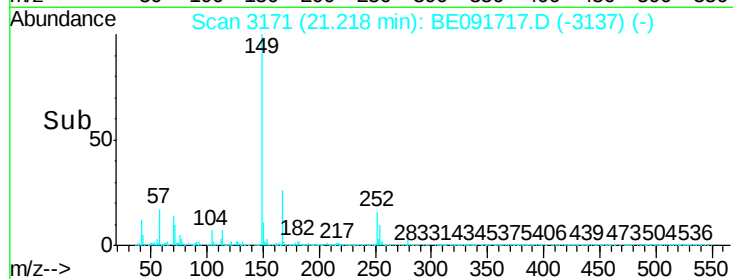
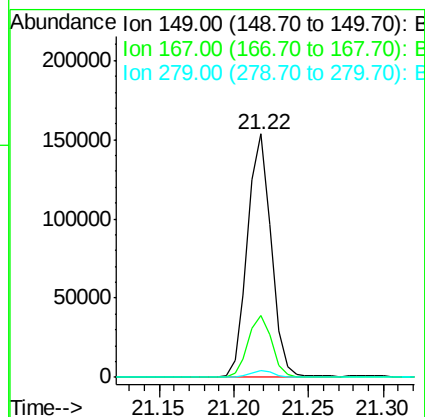
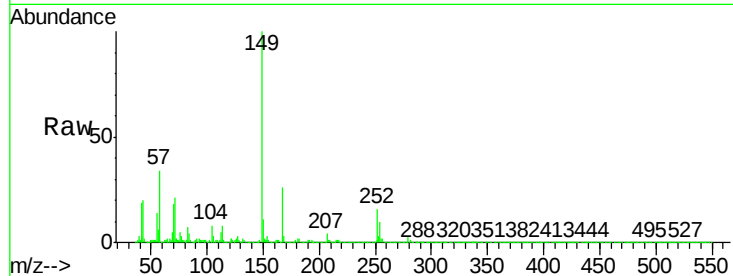




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 10.24 ng
 RT: 21.22 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: BE091717.D
 Acq: 26 Apr 2016 23:08

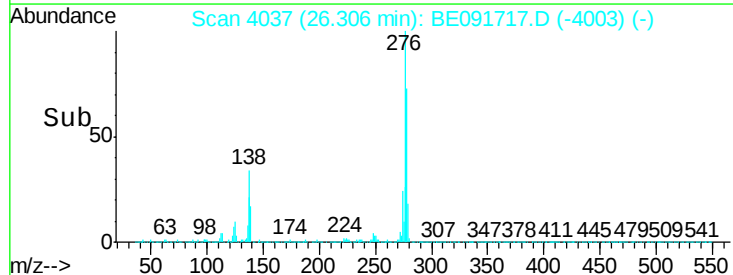
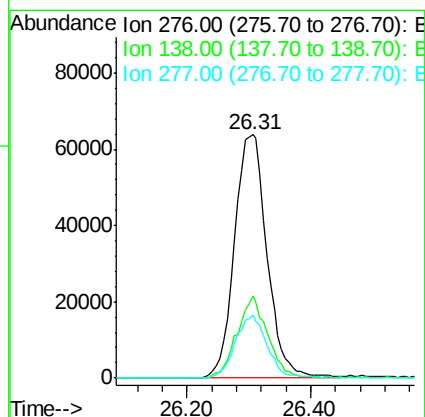
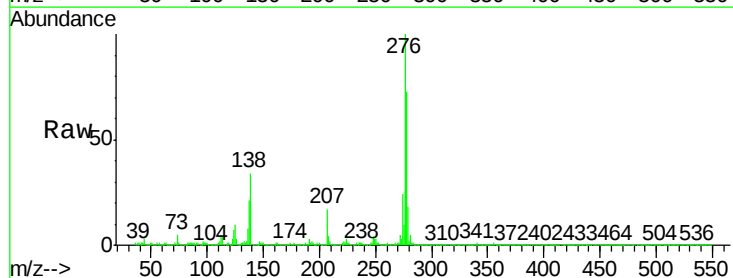
Instrument :
 BNA_E
 ClientSampleId :
 CEDAR-HILL-TF-PS-001MSD

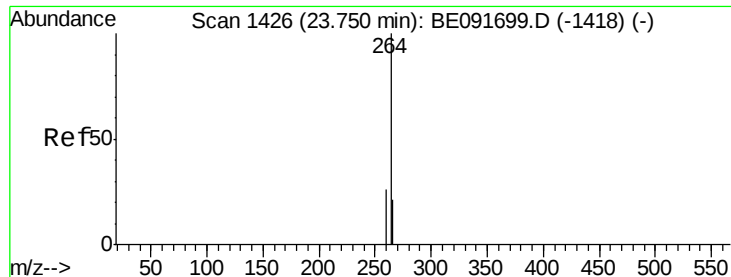
Tgt Ion:149 Resp: 168861
 Ion Ratio Lower Upper
 149 100
 167 25.4 19.5 29.3
 279 2.7 10.0 15.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 4.64 ng
 RT: 26.31 min Scan# 4037
 Delta R.T. 0.00 min
 Lab File: BE091717.D
 Acq: 26 Apr 2016 23:08

Tgt Ion:276 Resp: 233539
 Ion Ratio Lower Upper
 276 100
 138 31.9 23.4 35.2
 277 25.2 19.8 29.8



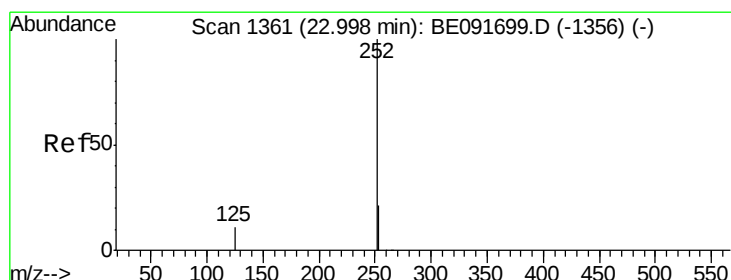
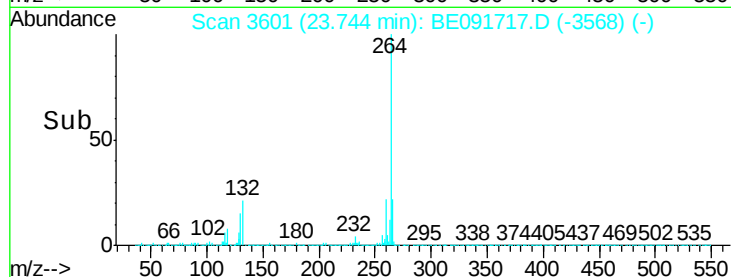
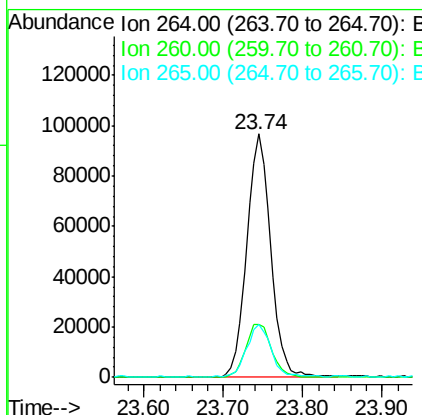
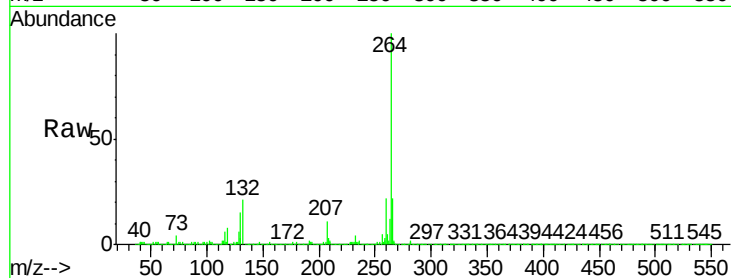


#35
Perylene-d12
Concen: 5.00 ng
RT: 23.74 min Scan# 3601
Delta R.T. -0.01 min
Lab File: BE091717.D
Acq: 26 Apr 2016 23:08

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

Tgt Ion: 264 Resp: 203561

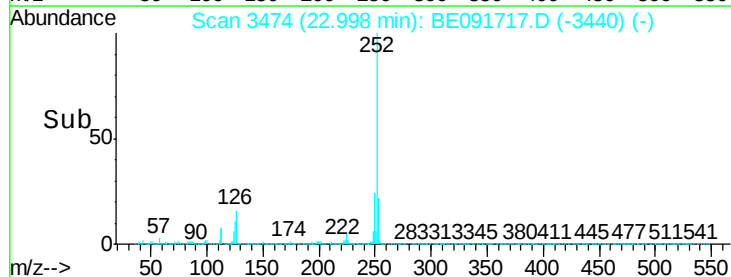
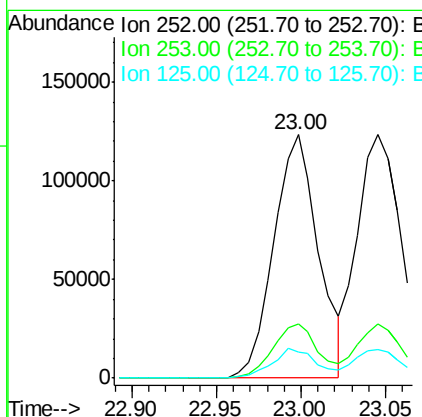
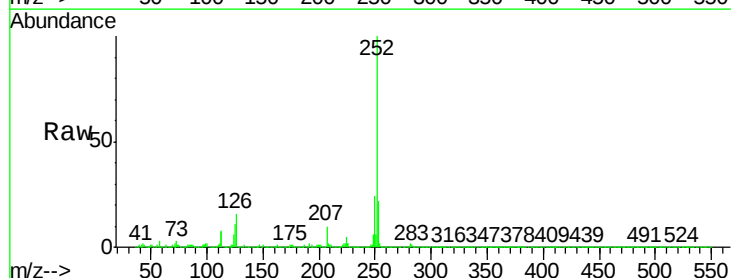
Ion	Ratio	Lower	Upper
264	100		
260	21.9	20.0	30.0
265	21.8	17.5	26.3

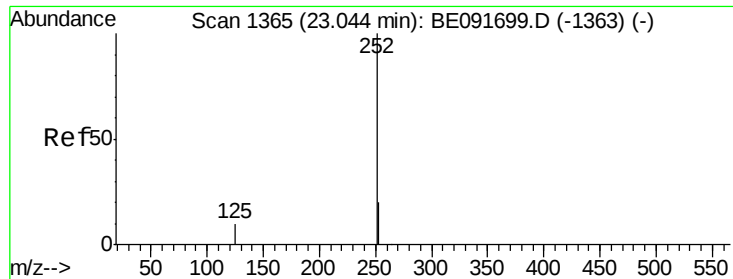


#36
Benzo(b)fluoranthene
Concen: 4.75 ng
RT: 23.00 min Scan# 3474
Delta R.T. 0.00 min
Lab File: BE091717.D
Acq: 26 Apr 2016 23:08

Tgt Ion: 252 Resp: 226451

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	10.8	10.2	15.2





#37

Benzo(k)fluoranthene

Concen: 4.68 ng

RT: 23.05 min Scan# 3482

Delta R.T. 0.00 min

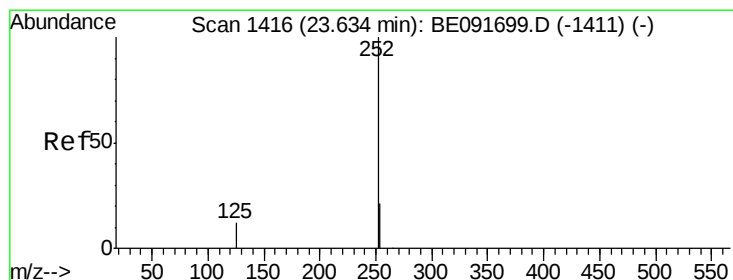
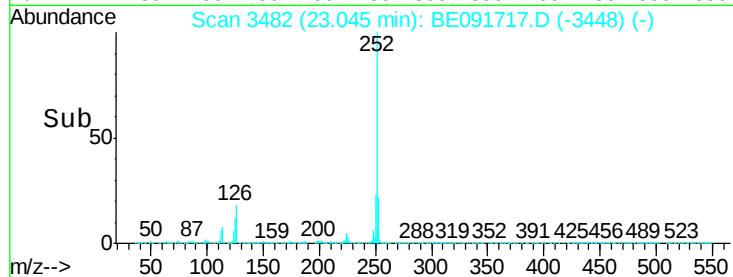
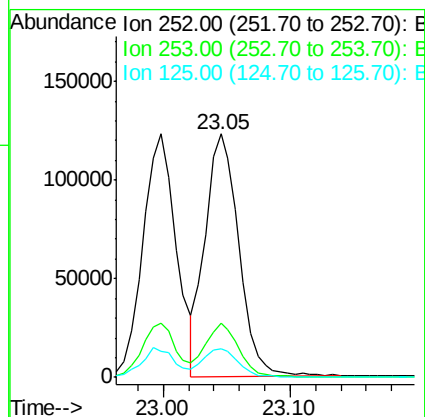
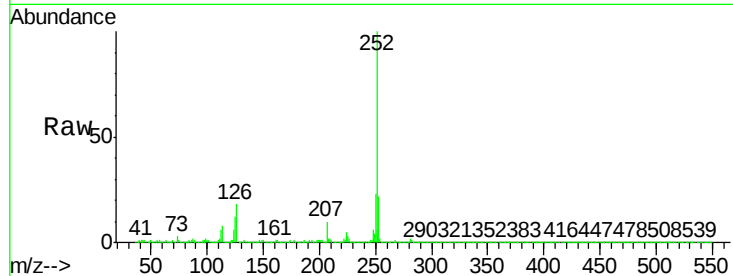
Lab File: BE091717.D

Acq: 26 Apr 2016 23:08

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

Tgt Ion: 252 Resp: 226843

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	11.7	9.9	14.9



#38

Benzo(a)pyrene

Concen: 4.78 ng

RT: 23.63 min Scan# 3582

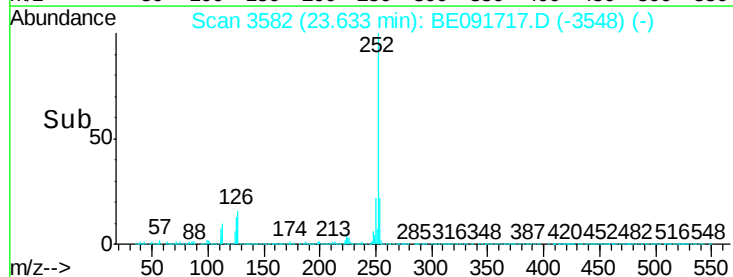
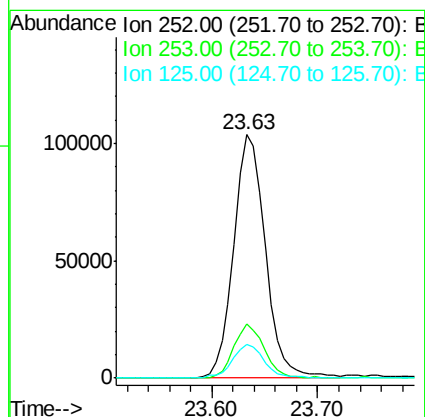
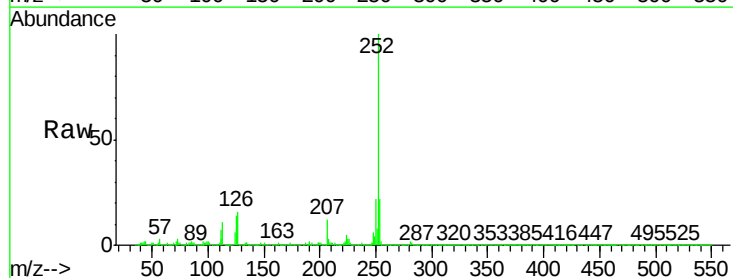
Delta R.T. -0.00 min

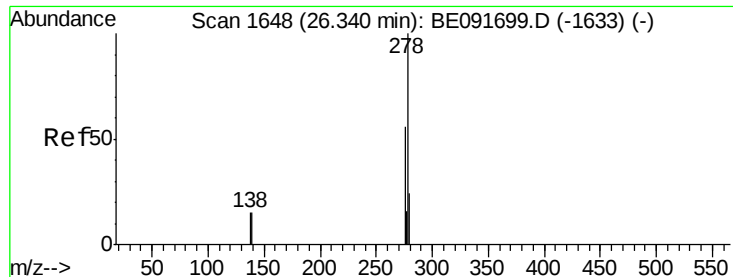
Lab File: BE091717.D

Acq: 26 Apr 2016 23:08

Tgt Ion: 252 Resp: 214926

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	13.7	11.0	16.4





#39

Dibenzo(a,h)anthracene

Concen: 4.60 ng

RT: 26.32 min Scan# 4039

Delta R.T. -0.02 min

Lab File: BE091717.D

Acq: 26 Apr 2016 23:08

Instrument :

BNA_E

ClientSampleId :

CEDAR-HILL-TF-PS-001MSD

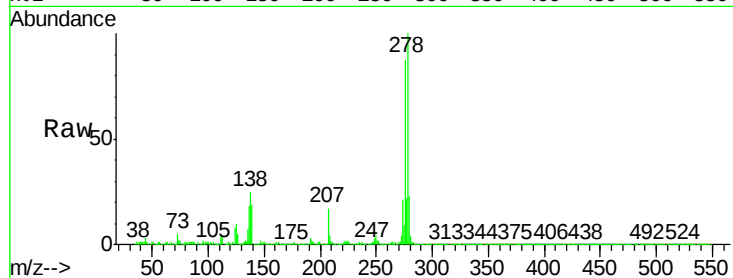
Tgt Ion: 278 Resp: 195561

Ion Ratio Lower Upper

278 100

139 19.4 16.0 24.0

279 23.5 19.4 29.2

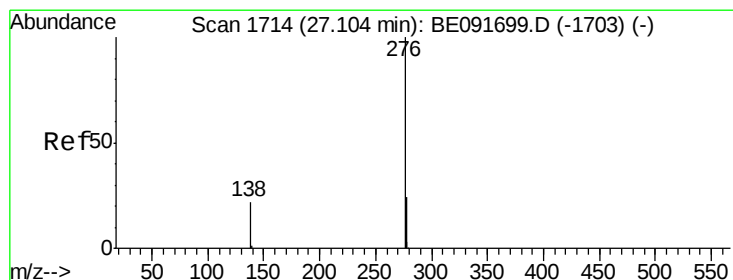
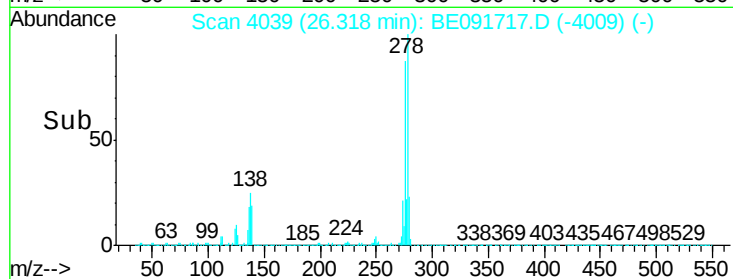
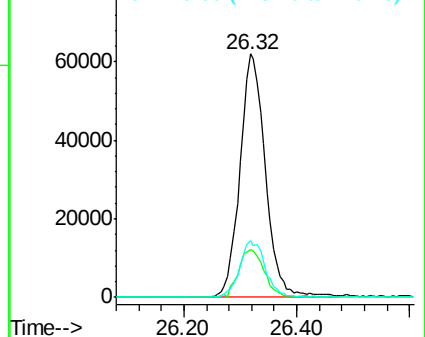


Abundance

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: 4.55 ng

RT: 27.09 min Scan# 4171

Delta R.T. -0.01 min

Lab File: BE091717.D

Acq: 26 Apr 2016 23:08

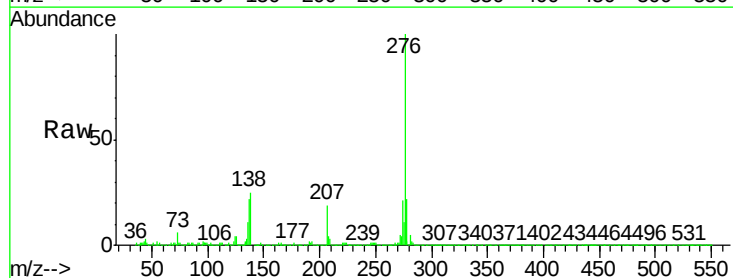
Tgt Ion: 276 Resp: 196773

Ion Ratio Lower Upper

276 100

277 22.4 18.6 28.0

138 25.1 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

