

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103017\
 Data File : BE094644.D
 Acq On : 30 Oct 2017 15:54
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 31 01:14:39 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 22:40:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1235	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	7393	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4017	0.40	ng	0.02
19) Phenanthrene-d10	17.27	188	6464	0.40	ng	0.03
27) Chrysene-d12	21.43	240	9310	0.40	ng	0.00
34) Perylene-d12	23.97	264	8647	0.40	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.54	112	1477	0.35	ng	0.01
5) Phenol-d6	7.15	99	2503	0.39	ng	0.01
8) Nitrobenzene-d5	9.08	82	2066	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.29	152	4123	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.06	330	403	0.36	ng	0.03
15) 2-Fluorobiphenyl	13.15	172	5260	0.37	ng	0.00
25) Fluoranthene-d10	19.29	212	37340	0.49	ng	0.00
29) Terphenyl-d14	19.87	244	6303	0.36	ng	0.00

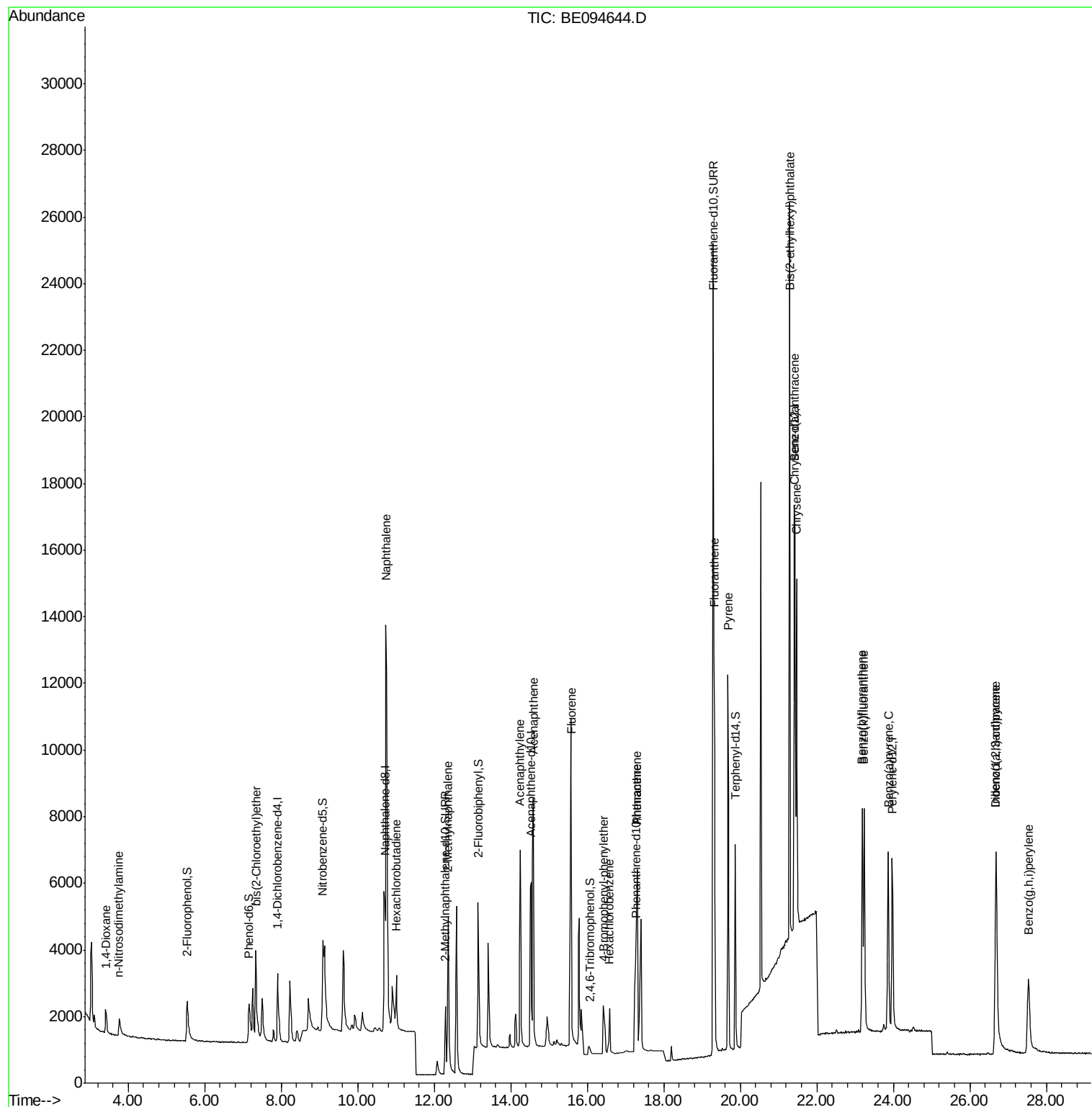
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	743	0.36	ng	# 85
3) n-Nitrosodimethylamine	3.75	42	652	0.33	ng	# 84
6) bis(2-Chloroethyl)ether	7.34	93	1772	0.36	ng	# 70
9) Naphthalene	10.74	128	29003	0.35	ng	99
10) Hexachlorobutadiene	11.01	225	1162	0.38	ng	98
12) 2-Methylnaphthalene	12.36	142	4895	0.34	ng	98
16) Acenaphthylene	14.24	152	7514	0.35	ng	100
17) Acenaphthene	14.58	154	4892	0.36	ng	99
18) Fluorene	15.58	166	6050	0.35	ng	98
20) 4-Bromophenyl-phenylether	16.42	248	1334	0.38	ng	# 4
21) Hexachlorobenzene	16.58	284	2149	0.70	ng	# 59
23) Phenanthrene	17.30	178	10162	0.62	ng	98
24) Anthracene	17.30	178	10149	0.53	ng	97
26) Fluoranthene	19.32	202	11202	0.48	ng	98
28) Pyrene	19.68	202	11688	0.36	ng	99
30) Benzo(a)anthracene	21.42	228	10998	0.36	ng	# 62
31) Chrysene	21.47	228	11217	0.36	ng	# 65
32) Bis(2-ethylhexyl)phthalate	21.29	149	27432	0.37	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.69	276	9171	0.32	ng	97
35) Benzo(b)fluoranthene	23.19	252	10352	0.37	ng	# 44
36) Benzo(k)fluoranthene	23.24	252	10902	0.37	ng	# 45
37) Benzo(a)pyrene	23.86	252	10056	0.37	ng	# 38
38) Dibenzo(a,h)anthracene	26.68	278	8390	0.34	ng	# 51
39) Benzo(g,h,i)perylene	27.53	276	7011	0.31	ng	# 61

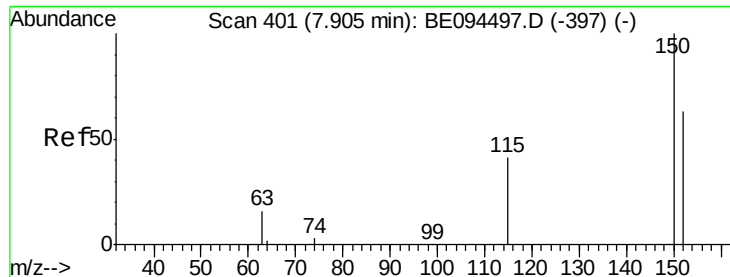
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE103017\
Data File : BE094644.D
Acq On : 30 Oct 2017 15:54
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 31 01:14:39 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 22:40:47 2017
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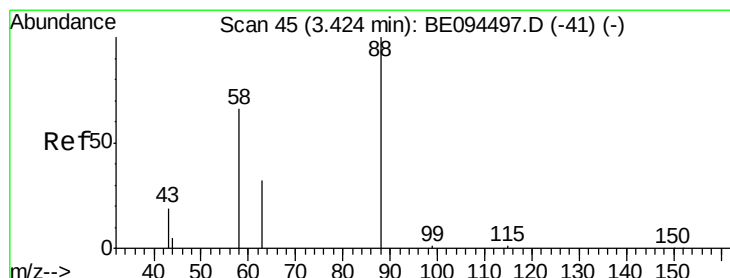
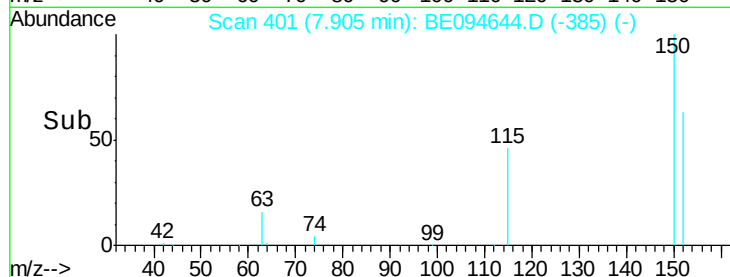
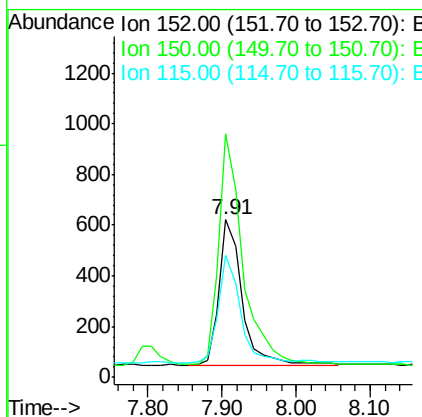
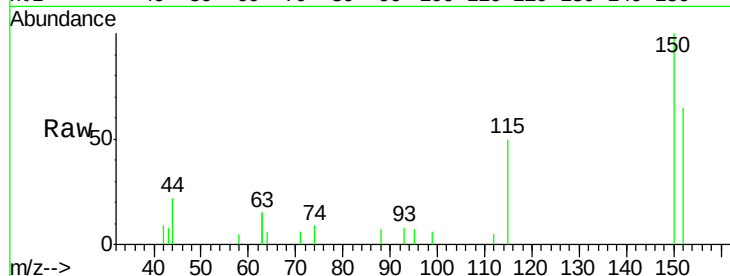




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.91 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BE094644.D
 Acq: 30 Oct 2017 15:54

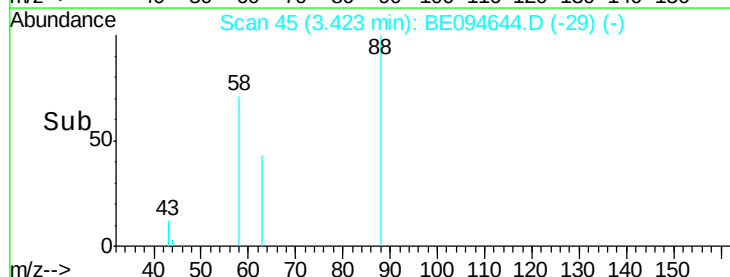
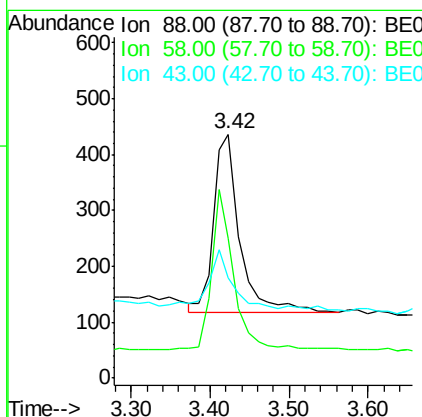
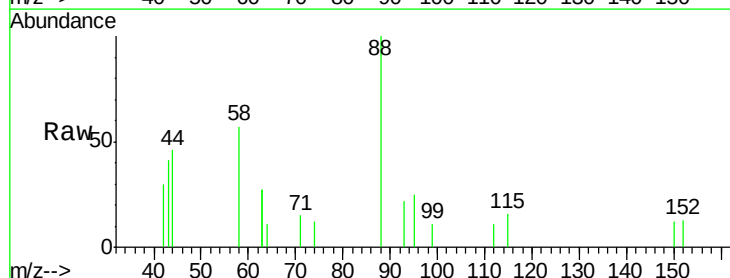
Instrument :
 BNA_E
 ClientSampleId :

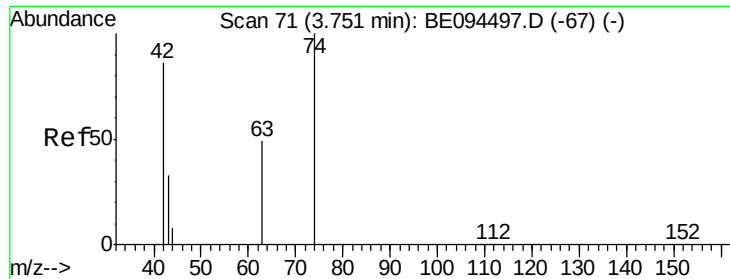
Tot Ion:152 Resp: 1235
 Ion Ratio Lower Upper
 152 100
 150 154.3 117.2 175.8
 115 77.7 57.0 85.6



#2
 1,4-Dioxane
 Concen: 0.36 ng
 RT: 3.42 min Scan# 45
 Delta R.T. 0.00 min
 Lab File: BE094644.D
 Acq: 30 Oct 2017 15:54

Tgt Ion: 88 Resp: 743
 Ion Ratio Lower Upper
 88 100
 58 74.6 63.2 94.8
 43 30.0 41.2 61.8#



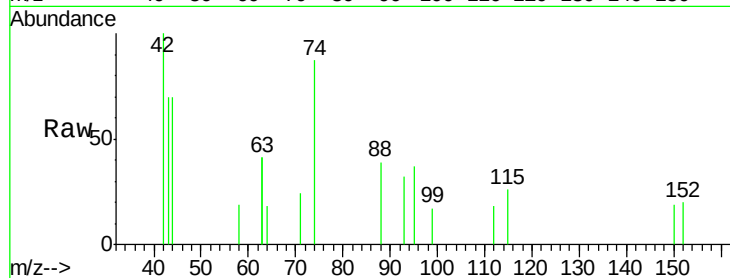


#3

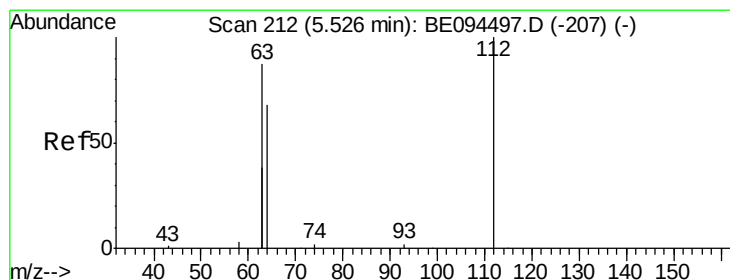
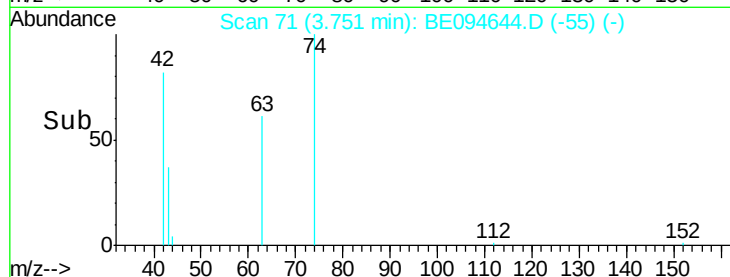
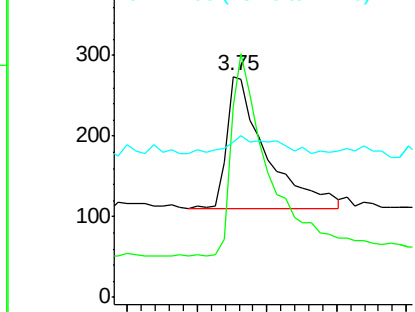
n-Nitrosodimethylamine
 Concen: 0.33 ng
 RT: 3.75 min Scan# 71
 Delta R.T. -0.00 min
 Lab File: BE094644.D
 Acq: 30 Oct 2017 15:54

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	145.4	100.3	150.5
44	17.9	17.0	25.4



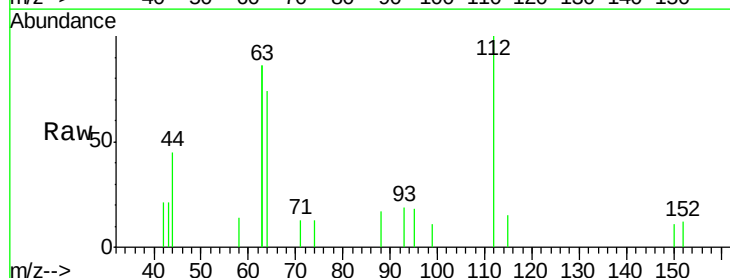
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



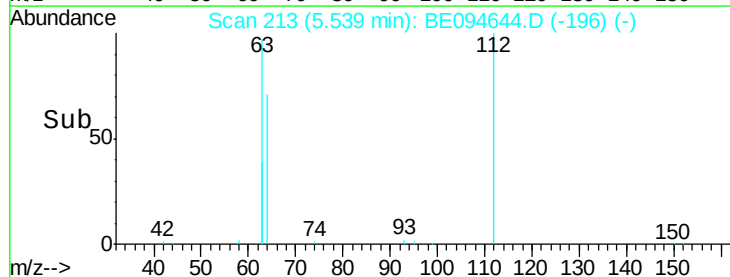
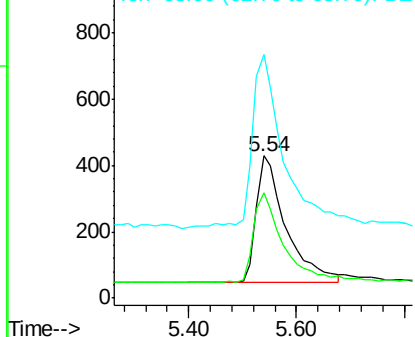
#4

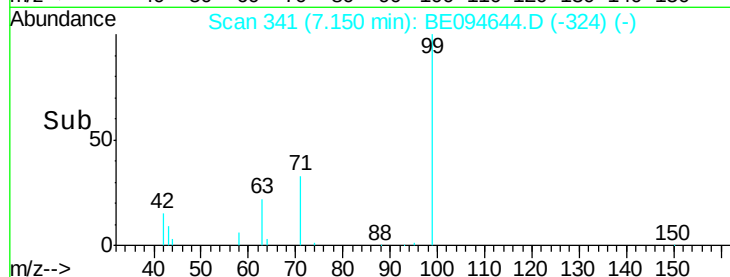
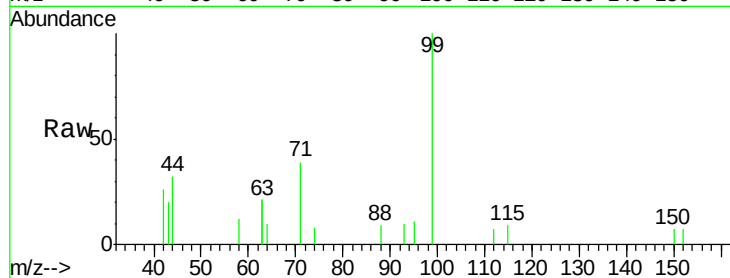
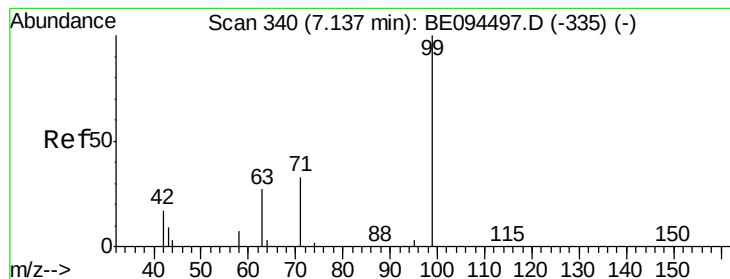
2-Fluorophenol
 Concen: 0.35 ng
 RT: 5.54 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: BE094644.D
 Acq: 30 Oct 2017 15:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	60.1	90.1
63	145.4	116.8	175.2



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: 0.39 ng

RT: 7.15 min Scan# 341

Delta R.T. 0.01 min

Lab File: BE094644.D

Acq: 30 Oct 2017 15:54

Instrument :

BNA_E

ClientSampleId :

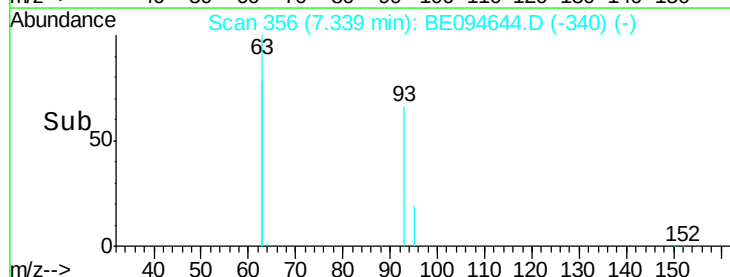
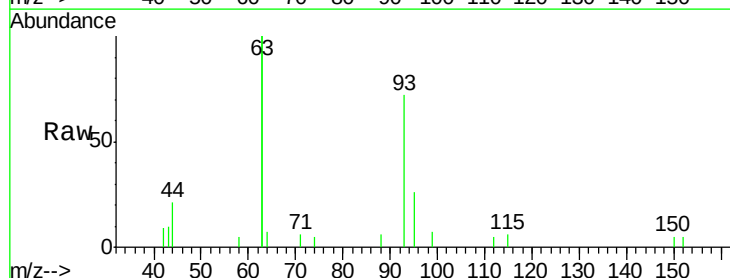
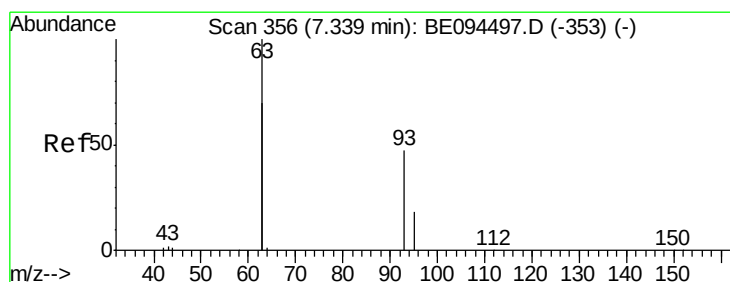
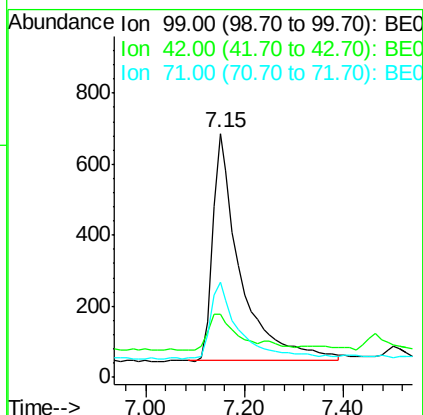
Tot Ion: 99 Resp: 2503

Ion Ratio Lower Upper

99 100

42 15.3 20.2 30.2#

71 34.2 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.36 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE094644.D

Acq: 30 Oct 2017 15:54

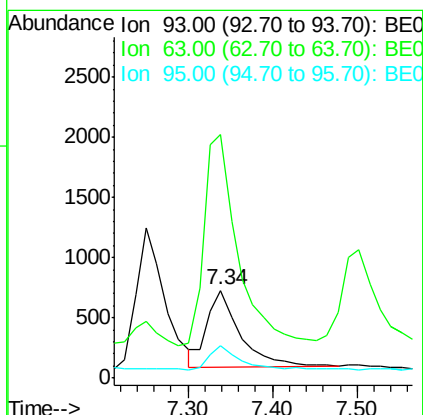
Tgt Ion: 93 Resp: 1772

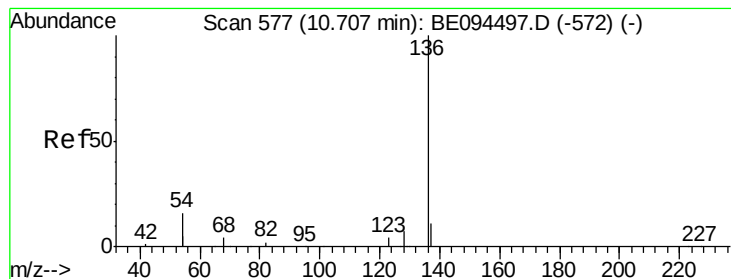
Ion Ratio Lower Upper

93 100

63 274.4 275.3 412.9#

95 28.3 25.2 37.8





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE094644.D

Acq: 30 Oct 2017 15:54

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 7393

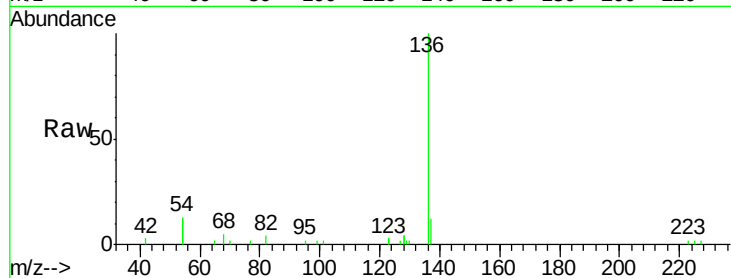
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 25.0 29.1 43.7#

68 5.5 6.2 9.2#

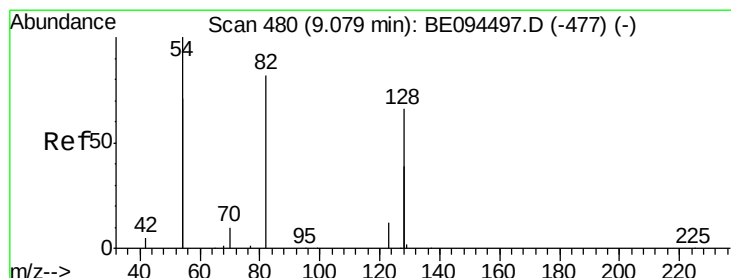
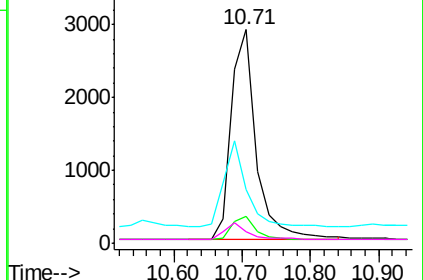
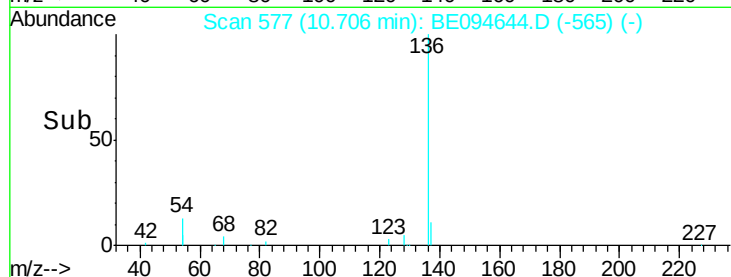


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.35 ng

RT: 9.08 min Scan# 480

Delta R.T. -0.00 min

Lab File: BE094644.D

Acq: 30 Oct 2017 15:54

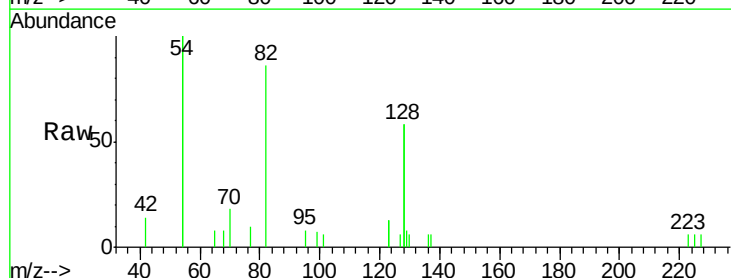
Tgt Ion: 82 Resp: 2066

Ion Ratio Lower Upper

82 100

128 134.9 150.0 225.0#

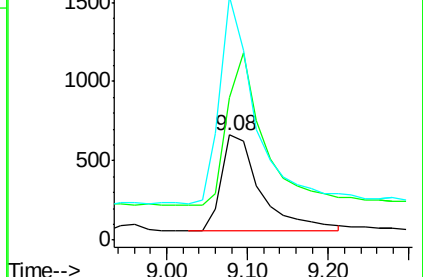
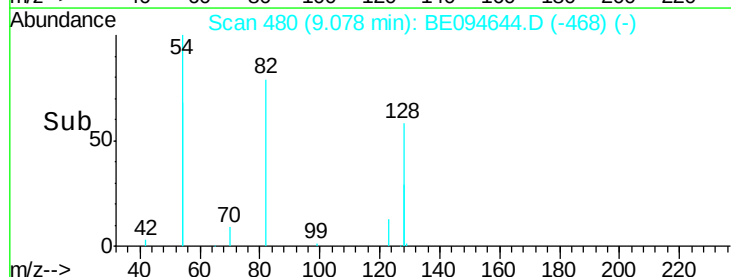
54 231.3 154.2 231.4

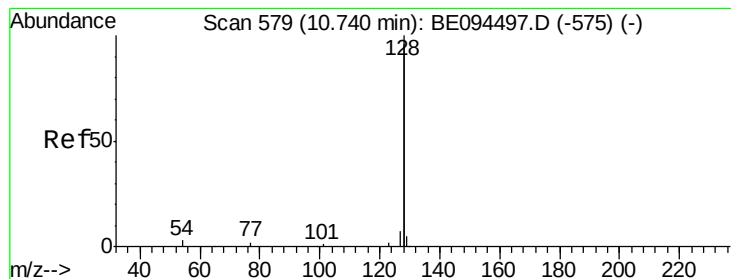


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.35 ng

RT: 10.74 min Scan# 579

Delta R.T. -0.00 min

Lab File: BE094644.D

Acq: 30 Oct 2017 15:54

Instrument :

BNA_E

ClientSampleId :

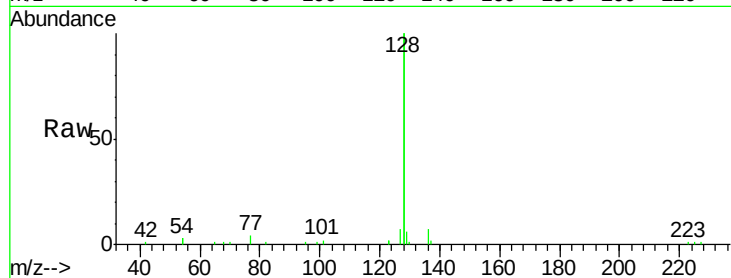
Tot Ion:128 Resp: 29003

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

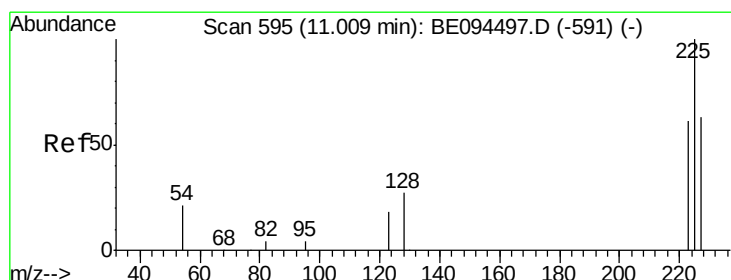
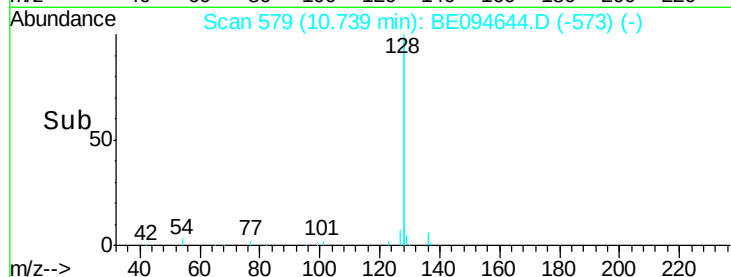
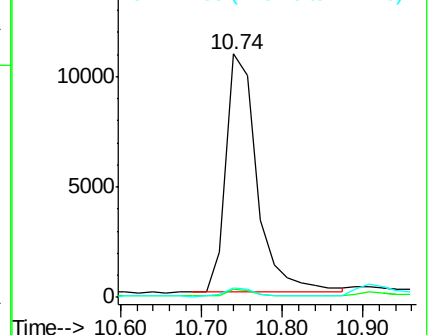
127 3.7 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.38 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.00 min

Lab File: BE094644.D

Acq: 30 Oct 2017 15:54

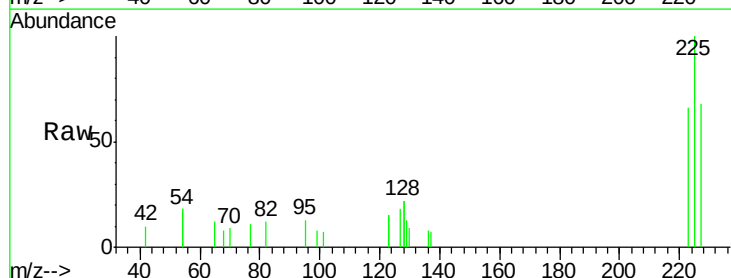
Tgt Ion:225 Resp: 1162

Ion Ratio Lower Upper

225 100

223 64.7 53.0 79.6

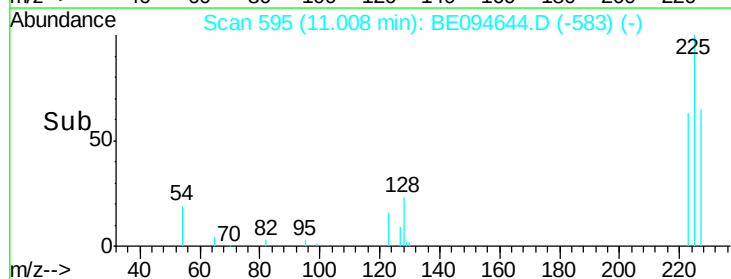
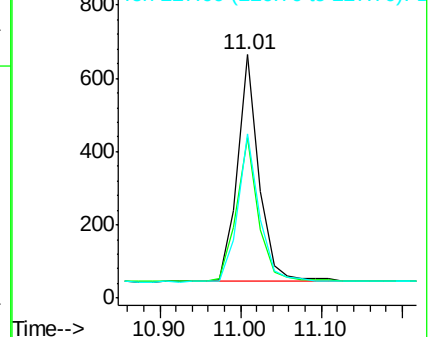
227 66.4 51.4 77.2

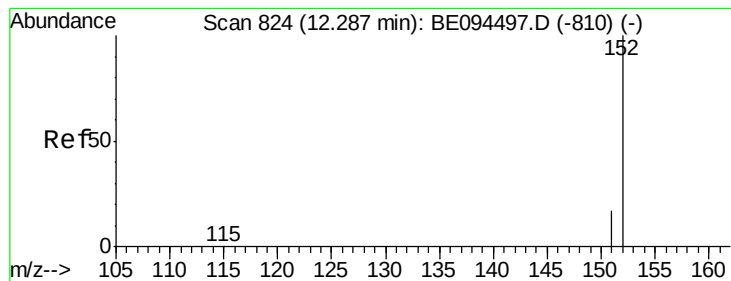


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.35 ng

RT: 12.29 min Scan# 824

Delta R.T. -0.00 min

Lab File: BE094644.D

Acq: 30 Oct 2017 15:54

Instrument :

BNA_E

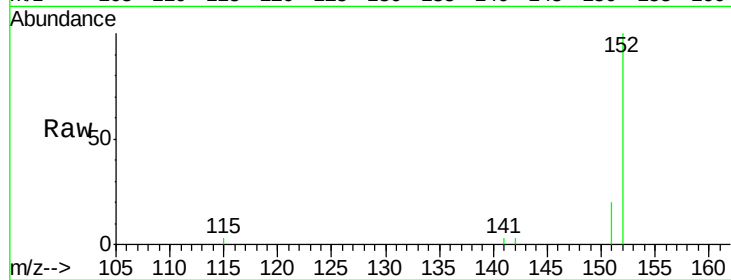
ClientSampleId :

Tot Ion:152 Resp: 4123

Ion Ratio Lower Upper

152 100

151 18.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.29

2000

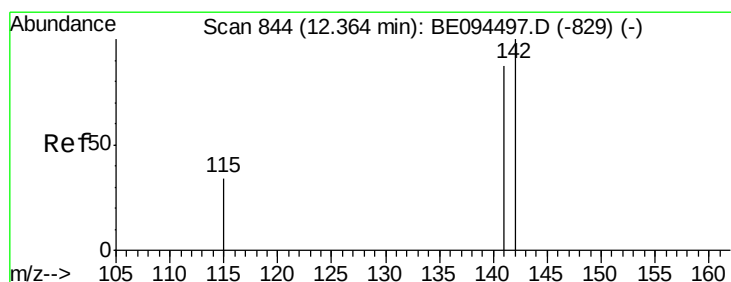
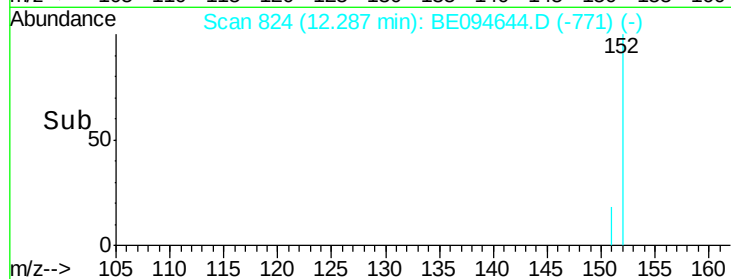
1500

1000

500

0

Time--> 12.20 12.40



#12

2-Methylnaphthalene

Concen: 0.34 ng

RT: 12.36 min Scan# 843

Delta R.T. -0.00 min

Lab File: BE094644.D

Acq: 30 Oct 2017 15:54

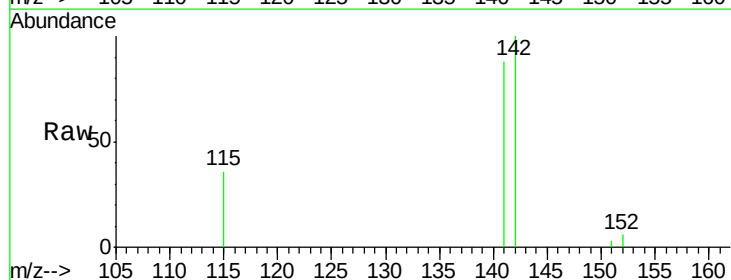
Tgt Ion:142 Resp: 4895

Ion Ratio Lower Upper

142 100

141 88.1 70.4 105.6

115 36.2 31.7 47.5



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

12.36

3000

2500

2000

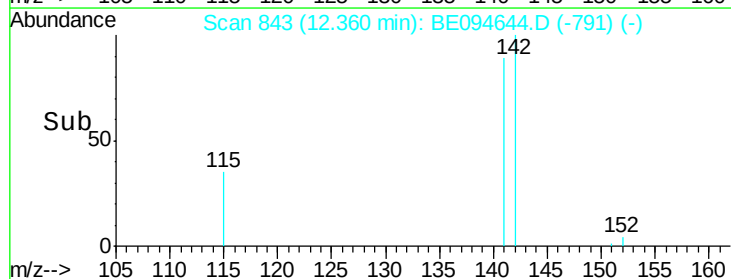
1500

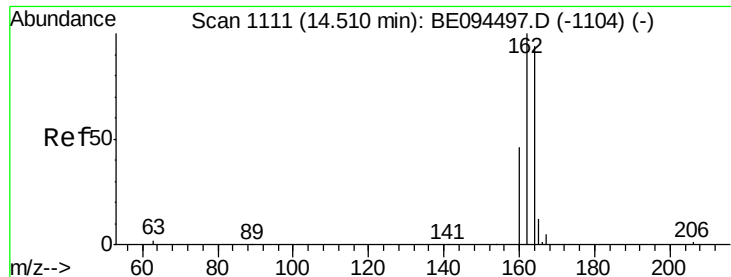
1000

500

0

Time--> 12.30 12.40 12.50





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.53 min Scan# 1112

Delta R.T. 0.02 min

Lab File: BE094644.D

Acq: 30 Oct 2017 15:54

Instrument :

BNA_E

ClientSampleId :

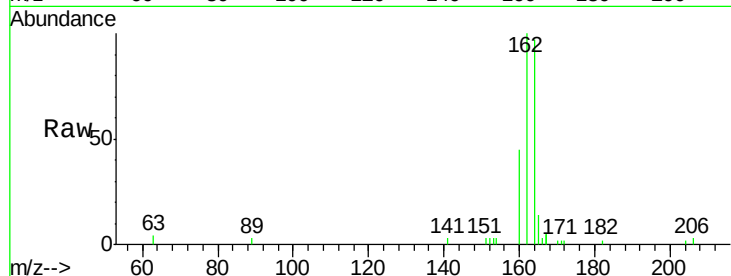
Tot Ion:164 Resp: 4017

Ion Ratio Lower Upper

164 100

162 103.0 83.1 124.7

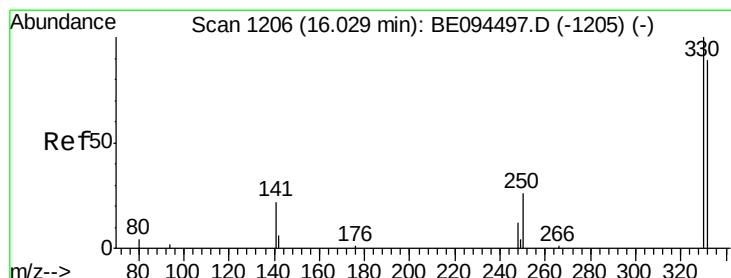
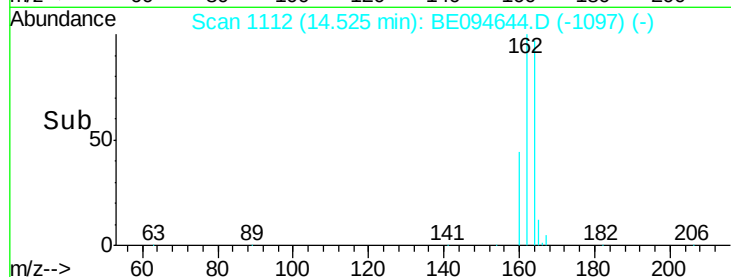
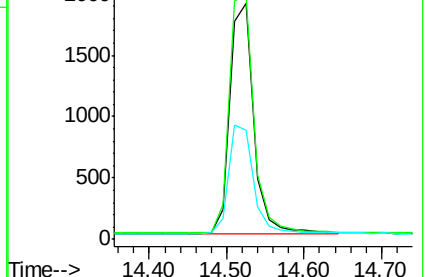
160 46.2 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.36 ng

RT: 16.06 min Scan# 1207

Delta R.T. 0.03 min

Lab File: BE094644.D

Acq: 30 Oct 2017 15:54

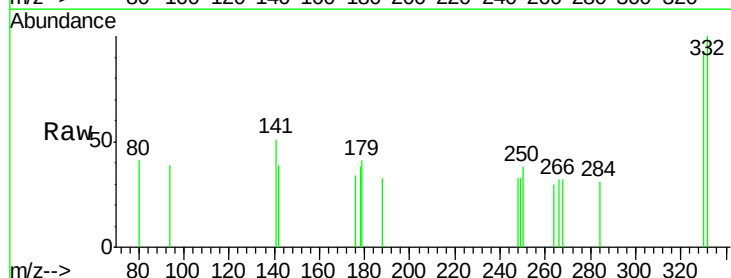
Tgt Ion:330 Resp: 403

Ion Ratio Lower Upper

330 100

332 98.5 152.7 229.1#

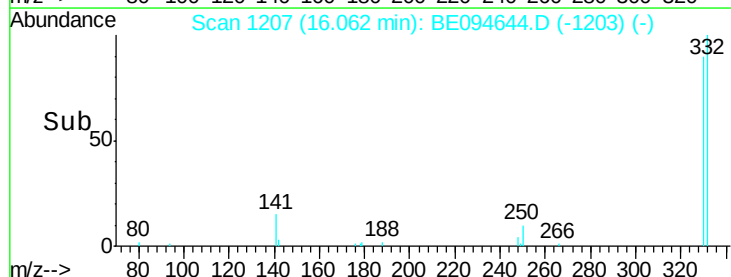
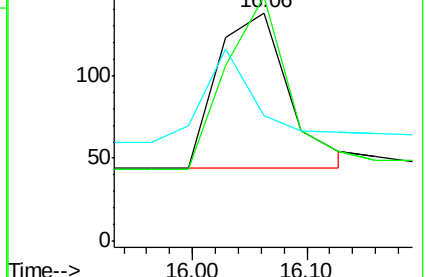
141 0.0 33.7 50.5#

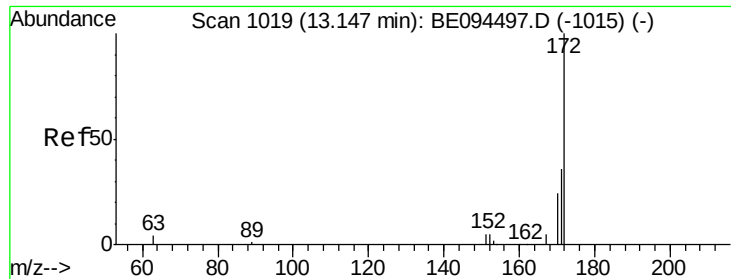


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

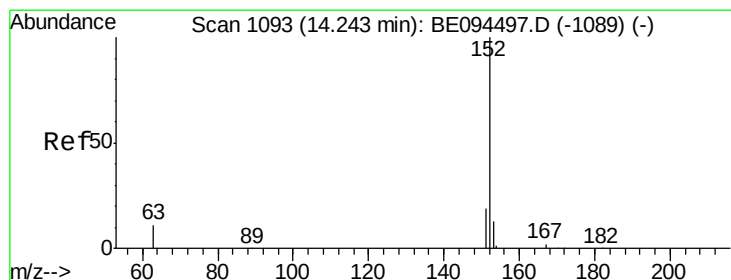
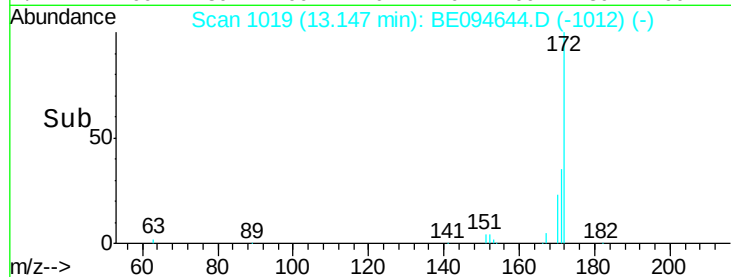
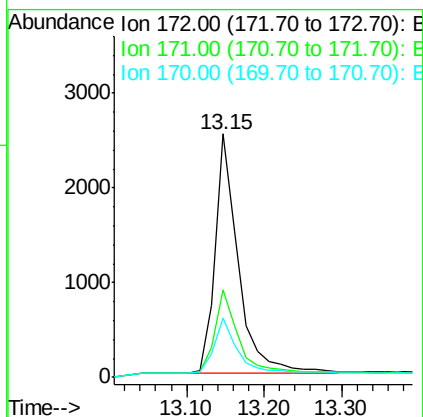
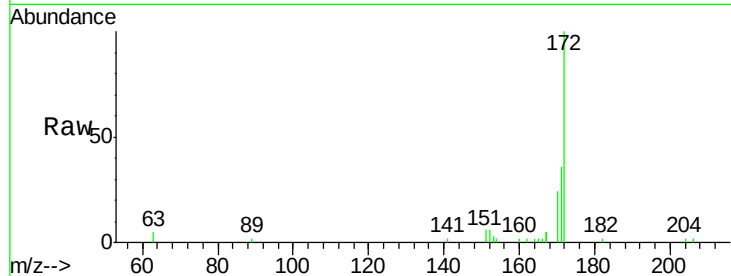




#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 13.15 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BE094644.D
Acq: 30 Oct 2017 15:54

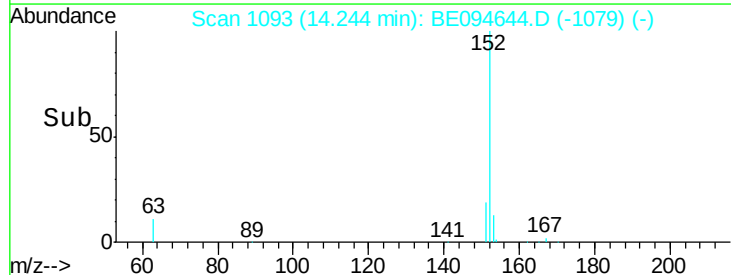
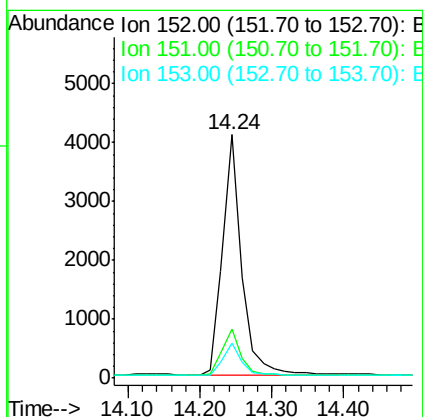
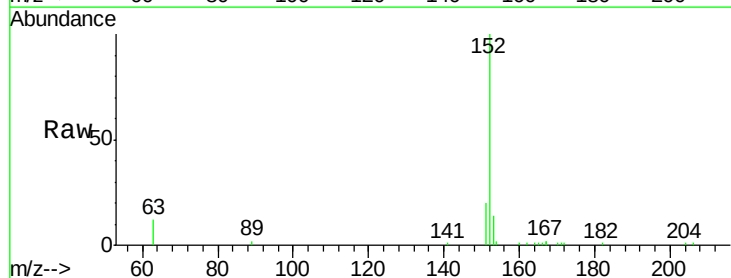
Instrument :
BNA_E
ClientSampleId :

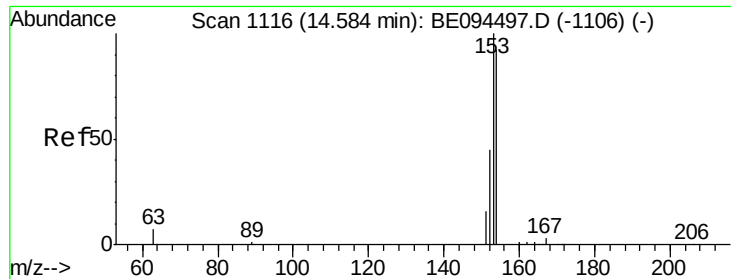
Tot Ion:172 Resp: 5260
Ion Ratio Lower Upper
172 100
171 35.9 29.9 44.9
170 24.2 21.8 32.8



#16
Acenaphthylene
Concen: 0.35 ng
RT: 14.24 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BE094644.D
Acq: 30 Oct 2017 15:54

Tgt Ion:152 Resp: 7514
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.4 10.5 15.7

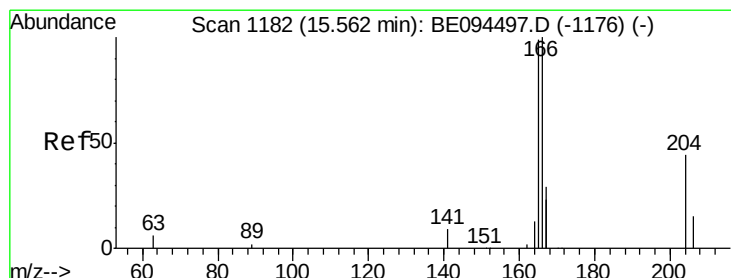
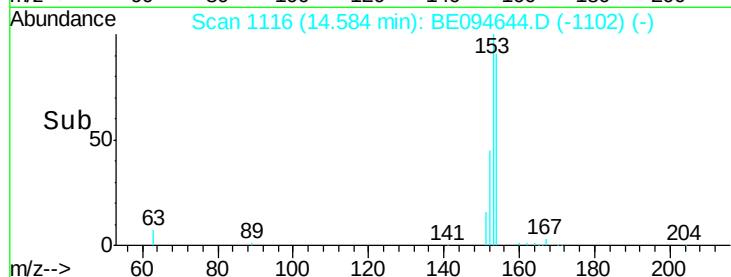
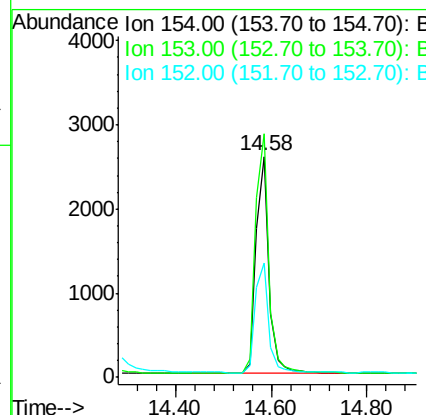
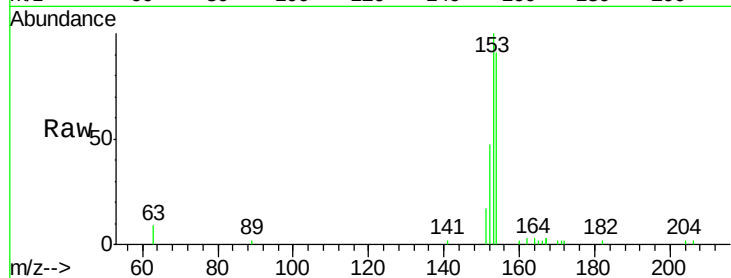




#17
Acenaphthene
Concen: 0.36 ng
RT: 14.58 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BE094644.D
Acq: 30 Oct 2017 15:54

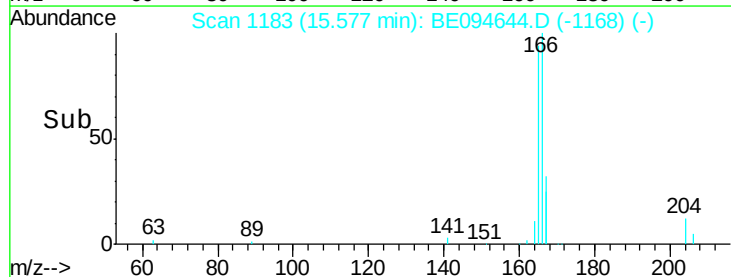
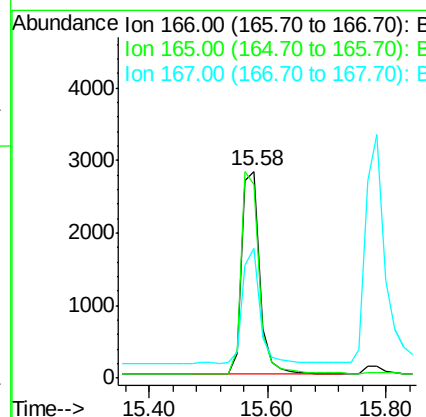
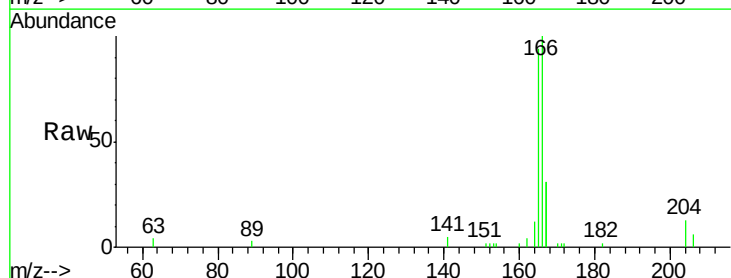
Instrument :
BNA_E
ClientSampleId :

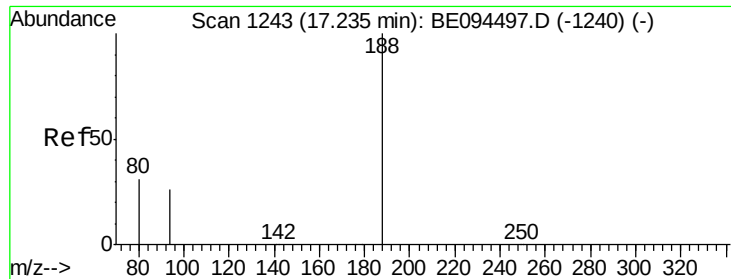
Tot Ion:154 Resp: 4892
Ion Ratio Lower Upper
154 100
153 113.1 89.2 133.8
152 52.5 42.0 63.0



#18
Fluorene
Concen: 0.35 ng
RT: 15.58 min Scan# 1183
Delta R.T. 0.02 min
Lab File: BE094644.D
Acq: 30 Oct 2017 15:54

Tgt Ion:166 Resp: 6050
Ion Ratio Lower Upper
166 100
165 98.3 77.8 116.6
167 55.2 42.4 63.6





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.27 min Scan# 1244

Delta R.T. 0.03 min

Lab File: BE094644.D

Acq: 30 Oct 2017 15:54

Instrument :

BNA_E

ClientSampleId :

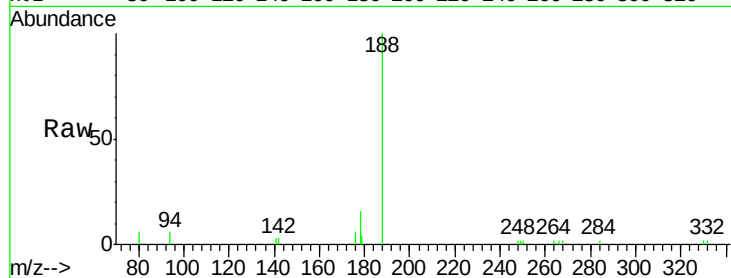
Tot Ion:188 Resp: 6464

Ion Ratio Lower Upper

188 100

94 6.4 3.9 5.9#

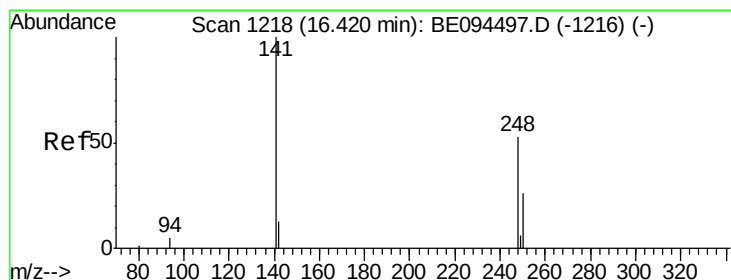
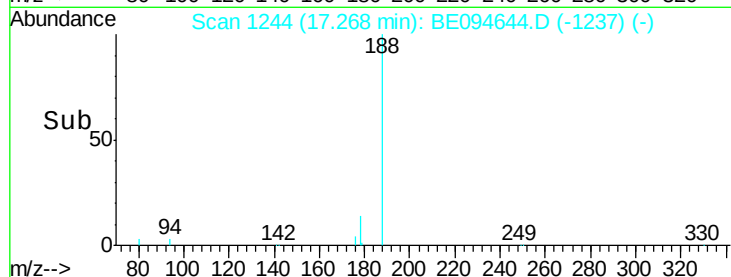
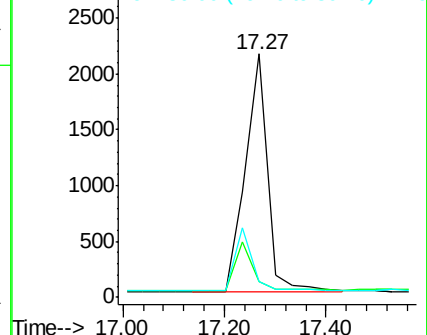
80 6.2 3.6 5.4#



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: 0.38 ng

RT: 16.42 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BE094644.D

Acq: 30 Oct 2017 15:54

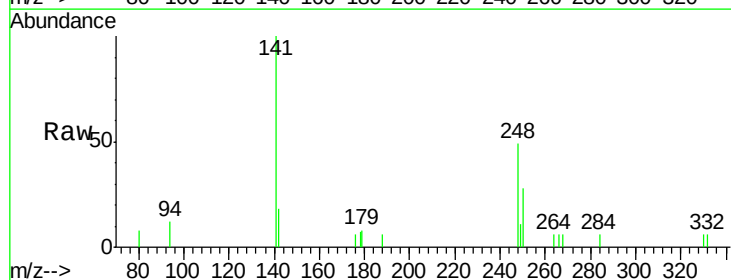
Tgt Ion:248 Resp: 1334

Ion Ratio Lower Upper

248 100

250 56.8 62.7 94.1#

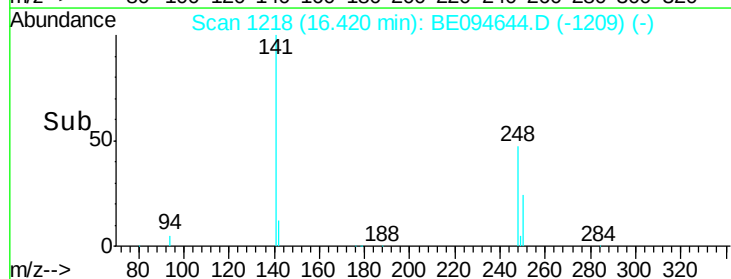
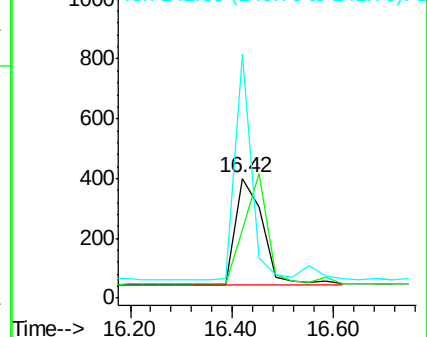
141 203.5 48.2 72.2#

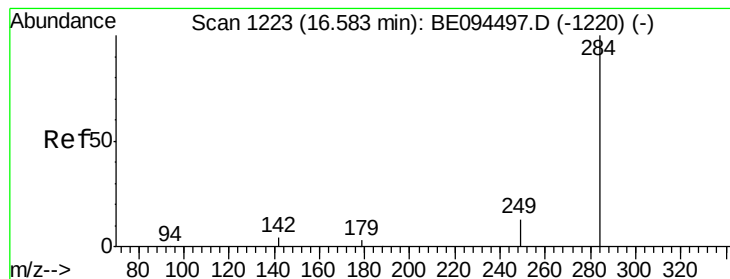


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.70 ng

RT: 16.58 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE094644.D

Acq: 30 Oct 2017 15:54

Instrument :

BNA_E

ClientSampled :

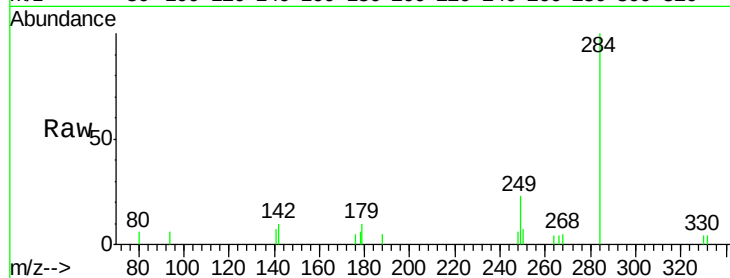
Tot Ion:284 Resp: 2149

Ion Ratio Lower Upper

284 100

142 0.0 22.1 33.1#

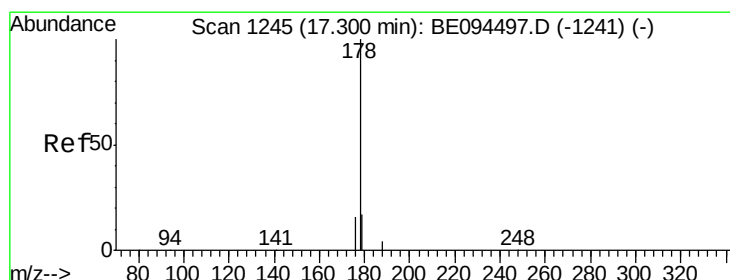
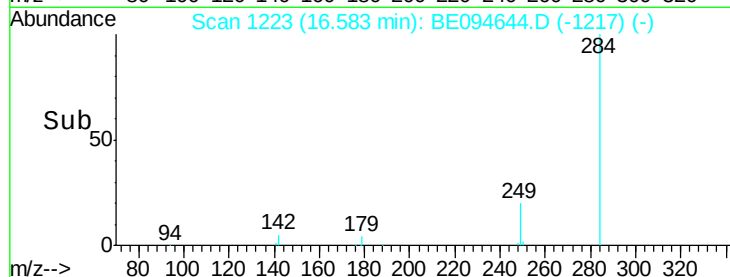
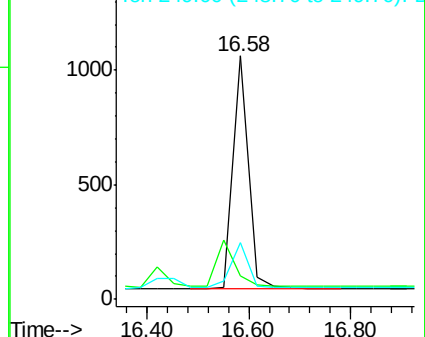
249 22.1 34.8 52.2#



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



#23

Phenanthrene

Concen: 0.62 ng

RT: 17.30 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE094644.D

Acq: 30 Oct 2017 15:54

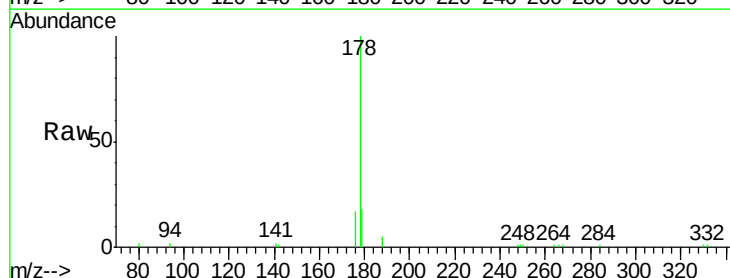
Tgt Ion:178 Resp: 10162

Ion Ratio Lower Upper

178 100

176 18.1 15.1 22.7

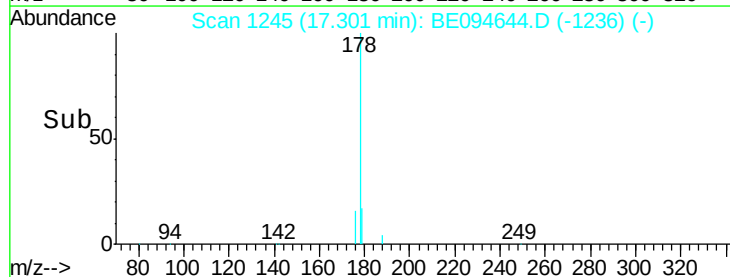
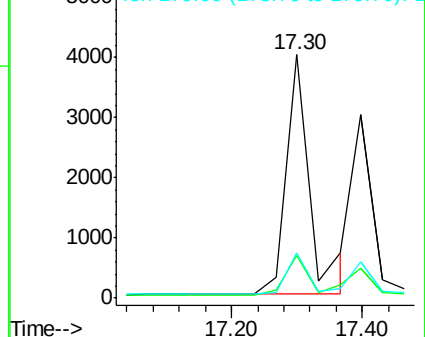
179 15.9 11.8 17.6

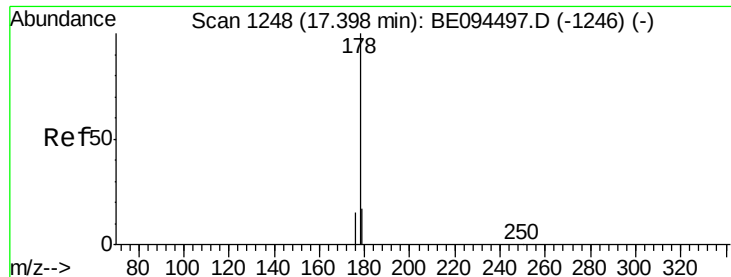


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.53 ng

RT: 17.30 min Scan# 1245

Delta R.T. -0.10 min

Lab File: BE094644.D

Acq: 30 Oct 2017 15:54

Instrument :

BNA_E

ClientSampleId :

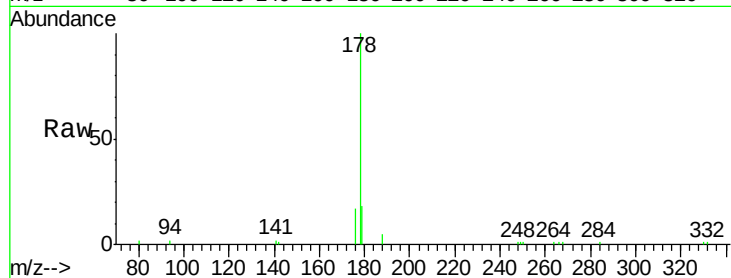
Tot Ion:178 Resp: 10149

Ion Ratio Lower Upper

178 100

176 18.1 12.8 19.2

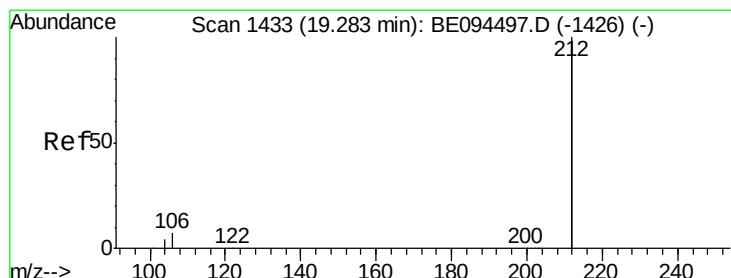
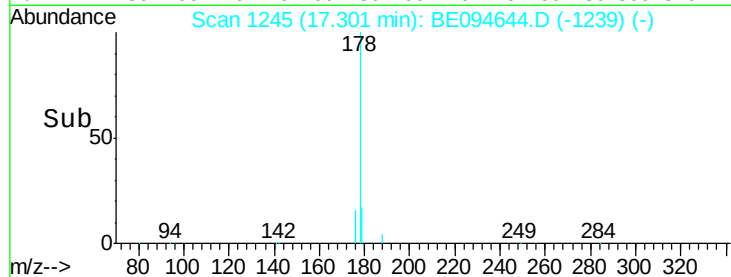
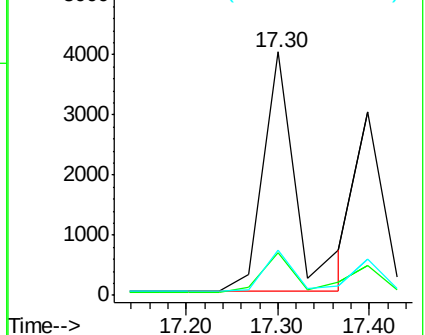
179 15.8 13.0 19.6



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-d10

Concen: 0.49 ng

RT: 19.29 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BE094644.D

Acq: 30 Oct 2017 15:54

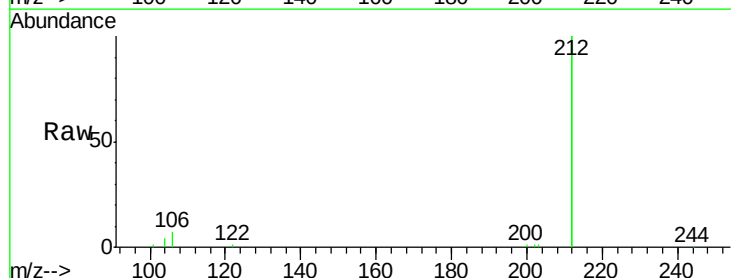
Tgt Ion:212 Resp: 37340

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

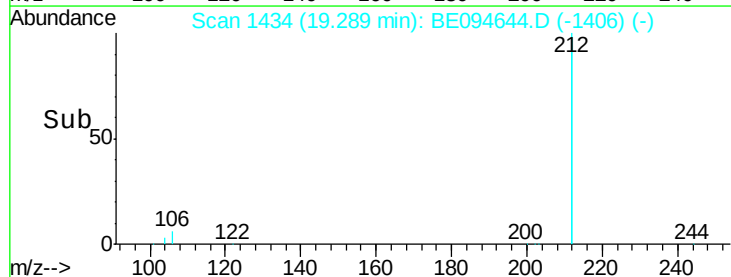
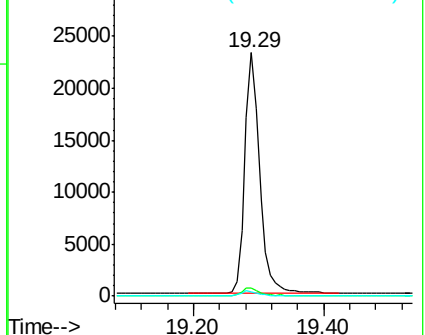
104 1.8 1.6 2.4

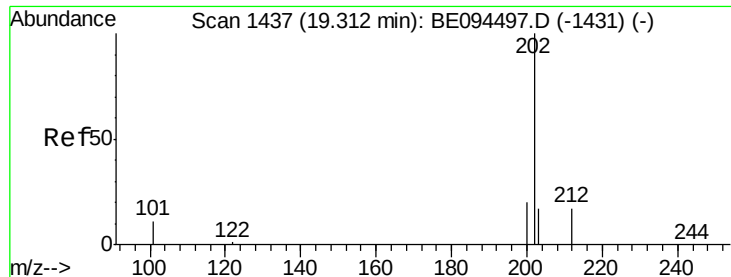


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

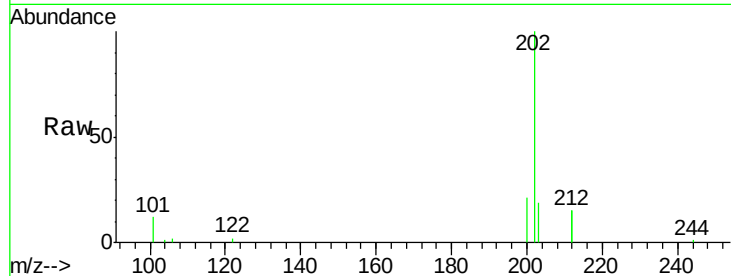




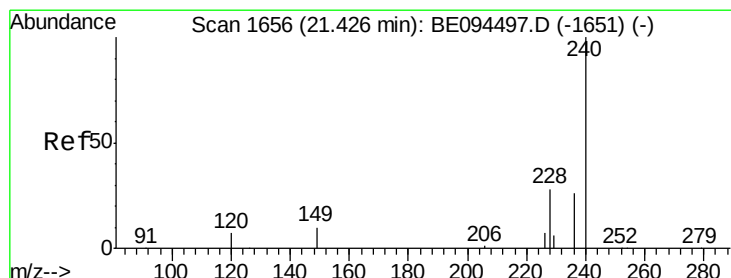
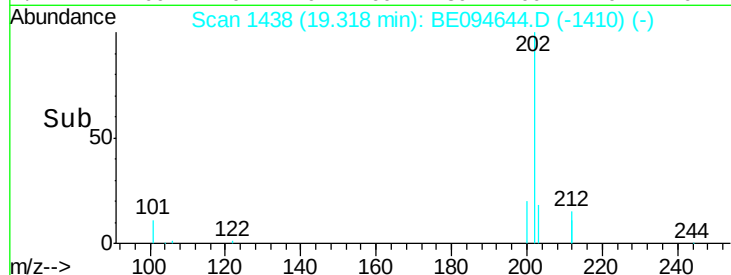
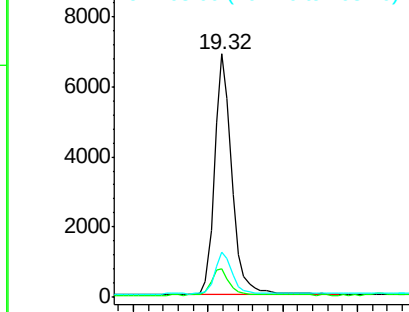
#26
Fluoranthene
Concen: 0.48 ng
RT: 19.32 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BE094644.D
Acq: 30 Oct 2017 15:54

Instrument :
BNA_E
ClientSampleId :

Tot Ion:202 Resp: 11202
Ion Ratio Lower Upper
202 100
101 11.2 9.8 14.8
203 17.5 13.7 20.5

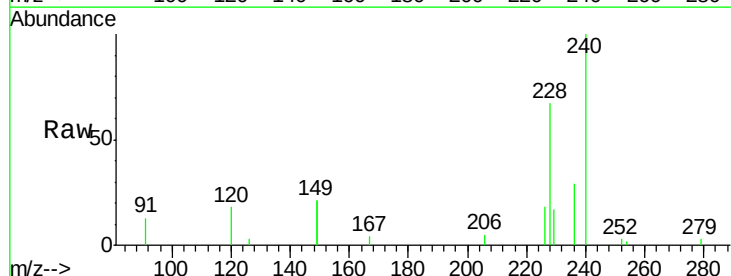


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

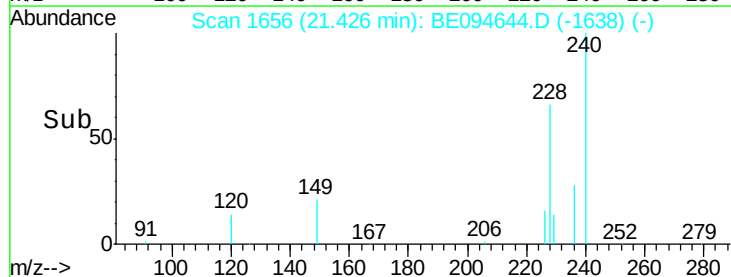
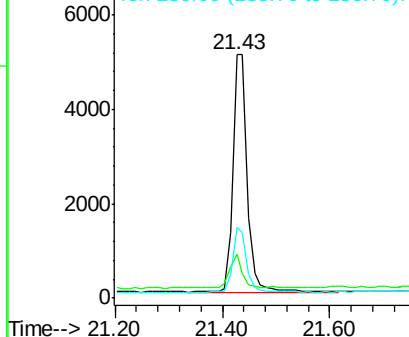


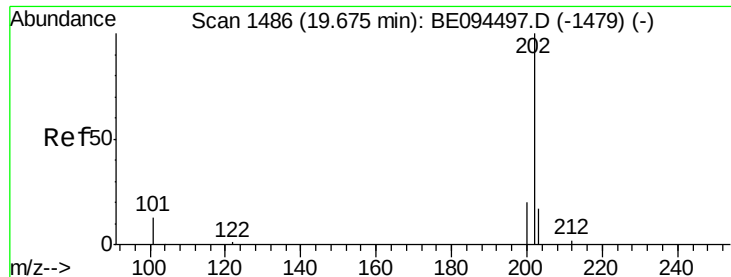
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.43 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BE094644.D
Acq: 30 Oct 2017 15:54

Tgt Ion:240 Resp: 9310
Ion Ratio Lower Upper
240 100
120 17.9 5.5 8.3#
236 29.2 20.7 31.1



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

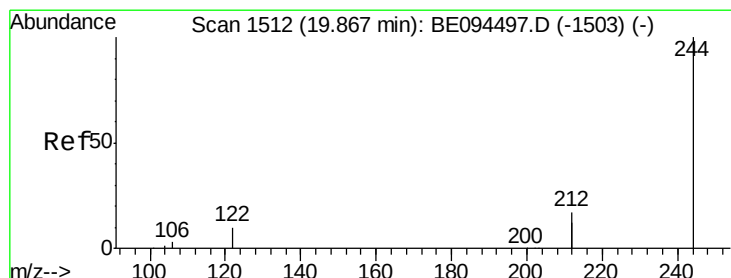
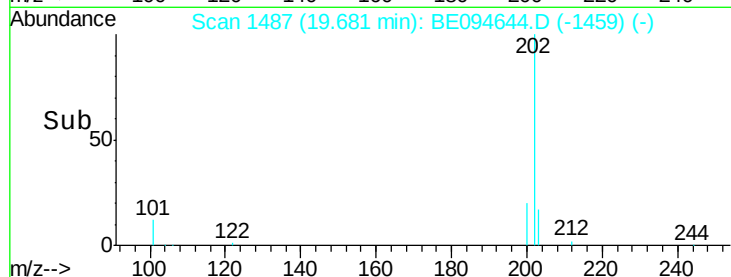
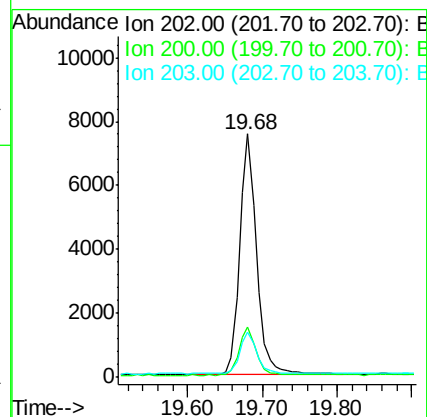
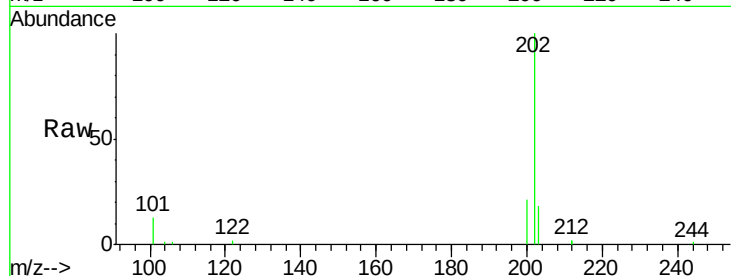




#28
Pvrene
Concen: 0.36 ng
RT: 19.68 min Scan# 1487
Delta R.T. 0.01 min
Lab File: BE094644.D
Acq: 30 Oct 2017 15:54

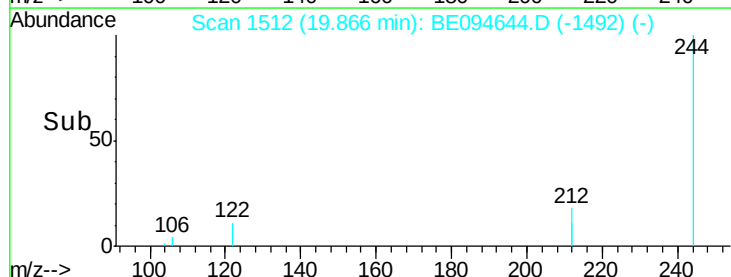
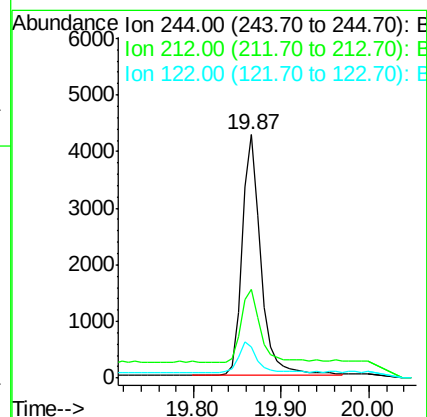
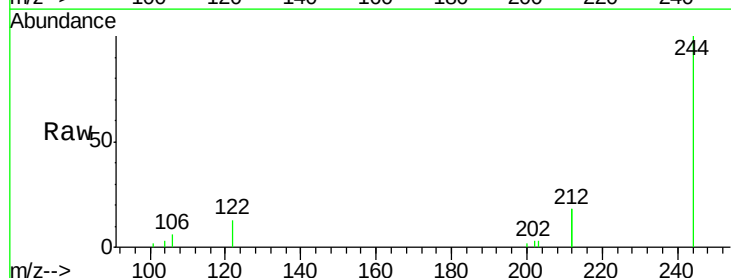
Instrument :
BNA_E
ClientSampleId :

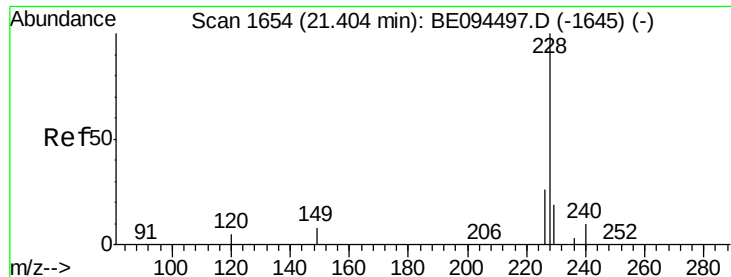
Tot Ion:202 Resp: 11688
Ion Ratio Lower Upper
202 100
200 20.3 16.6 25.0
203 17.4 13.8 20.8



#29
Terphenyl-d14
Concen: 0.36 ng
RT: 19.87 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BE094644.D
Acq: 30 Oct 2017 15:54

Tgt Ion:244 Resp: 6303
Ion Ratio Lower Upper
244 100
212 36.2 25.4 38.0
122 12.8 8.1 12.1#





#30

Benzo(a)anthracene

Concen: 0.36 ng

RT: 21.42 min Scan# 1655

Delta R.T. 0.01 min

Lab File: BE094644.D

Acq: 30 Oct 2017 15:54

Instrument :

BNA_E

ClientSampled :

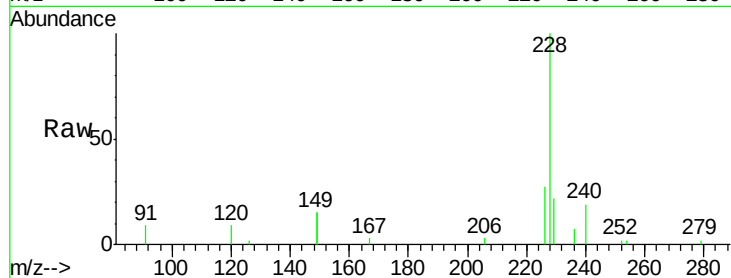
Tot Ion:228 Resp: 10998

Ion Ratio Lower Upper

228 100

226 26.6 40.0 60.0#

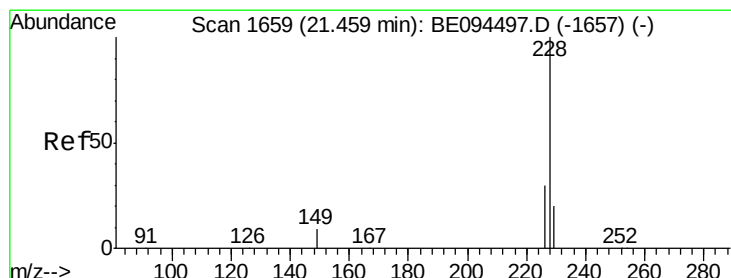
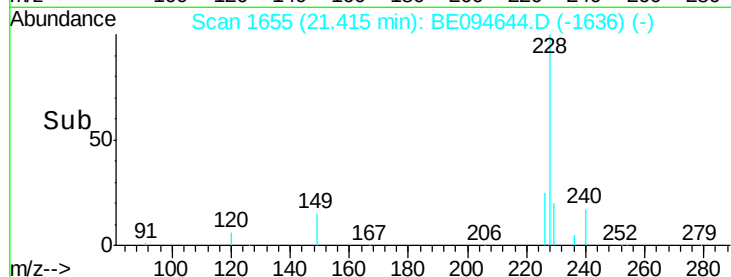
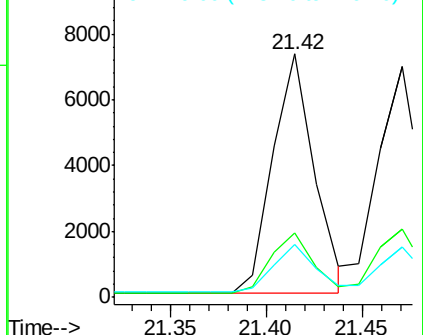
229 21.7 40.0 60.0#



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

Chrysene

Concen: 0.36 ng

RT: 21.47 min Scan# 1660

Delta R.T. 0.01 min

Lab File: BE094644.D

Acq: 30 Oct 2017 15:54

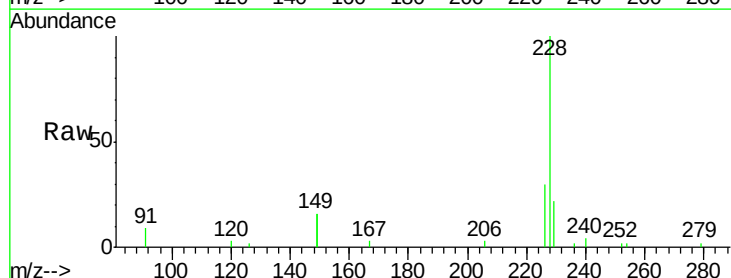
Tgt Ion:228 Resp: 11217

Ion Ratio Lower Upper

228 100

226 29.6 40.0 60.0#

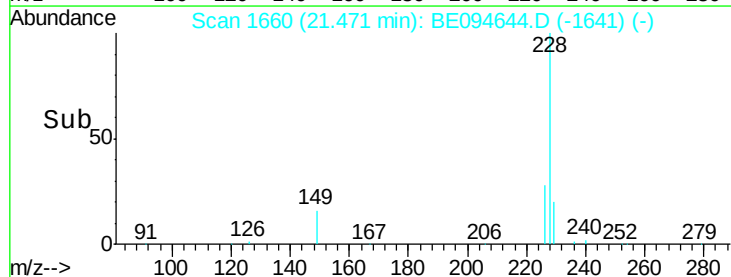
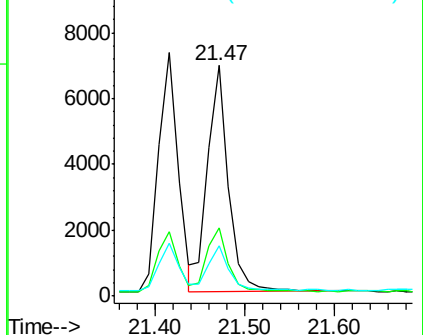
229 22.0 40.0 60.0#

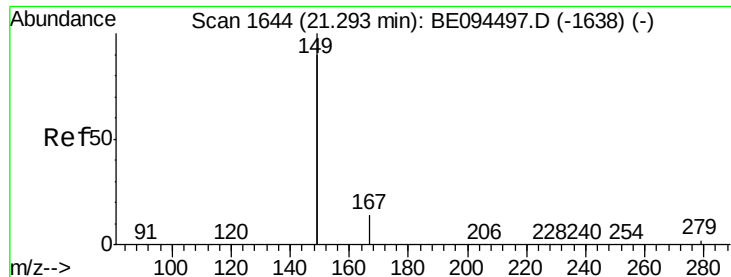


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.37 ng

RT: 21.29 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BE094644.D

Acq: 30 Oct 2017 15:54

Instrument :

BNA_E

ClientSampleId :

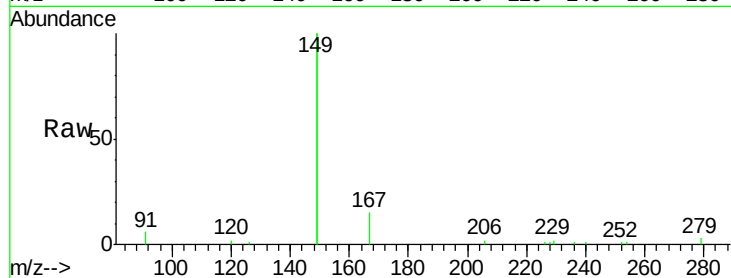
Tot Ion:149 Resp: 27432

Ion Ratio Lower Upper

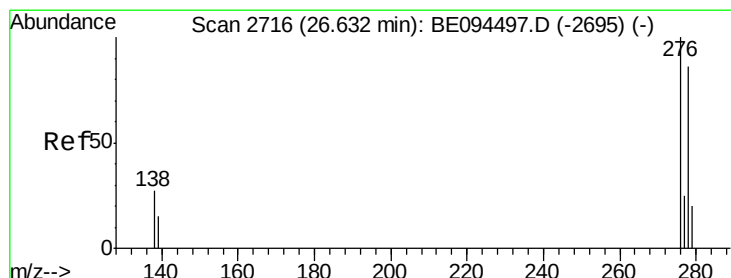
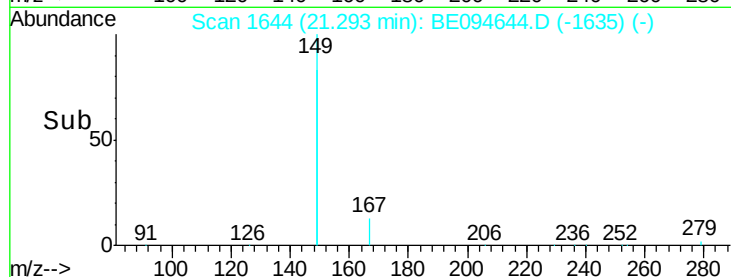
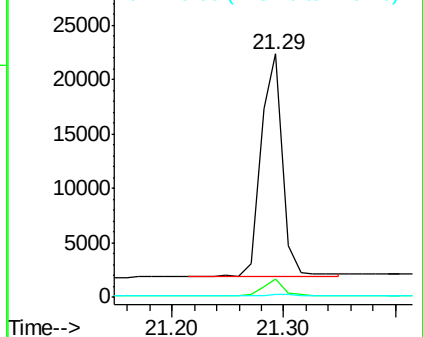
149 100

167 6.9 5.4 8.0

279 1.1 0.7 1.1#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.32 ng

RT: 26.69 min Scan# 2728

Delta R.T. 0.05 min

Lab File: BE094644.D

Acq: 30 Oct 2017 15:54

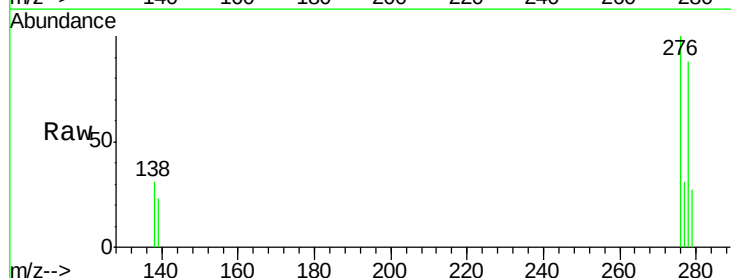
Tgt Ion:276 Resp: 9171

Ion Ratio Lower Upper

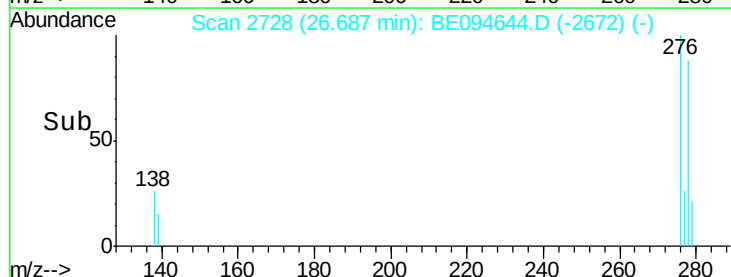
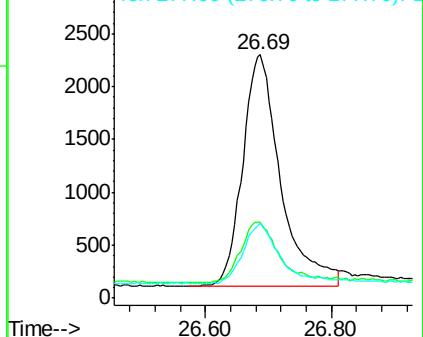
276 100

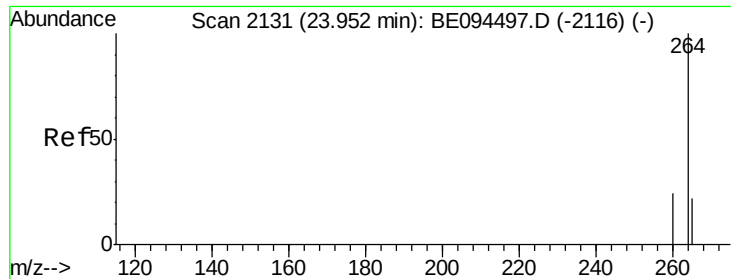
138 25.5 22.5 33.7

277 24.6 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

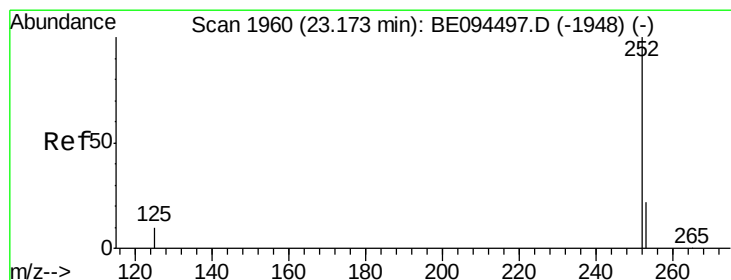
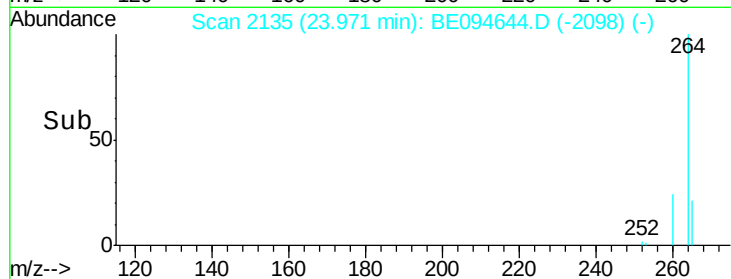
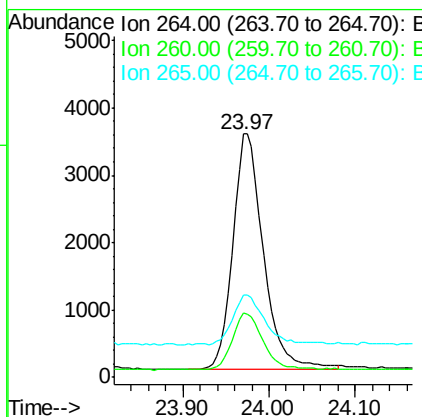
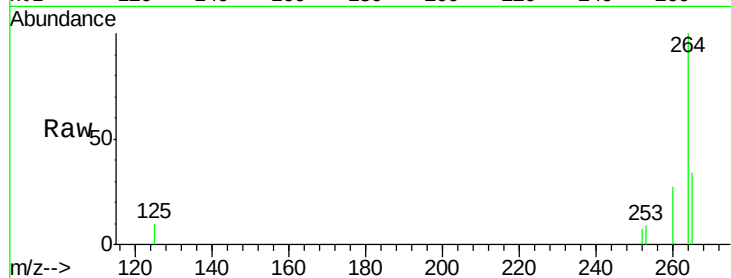




#34
Pervlene-d12
Concen: 0.40 ng
RT: 23.97 min Scan# 2135
Delta R.T. 0.02 min
Lab File: BE094644.D
Acq: 30 Oct 2017 15:54

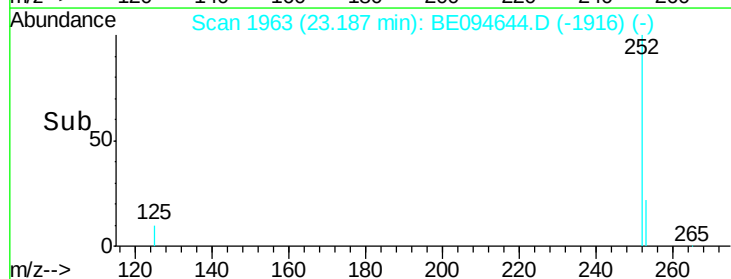
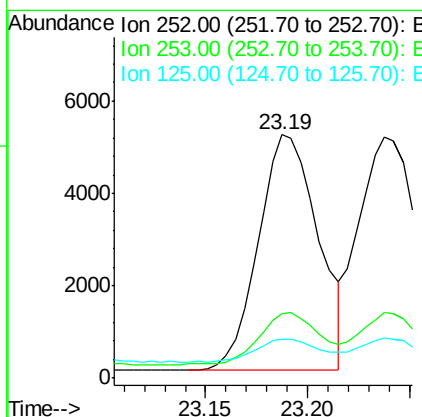
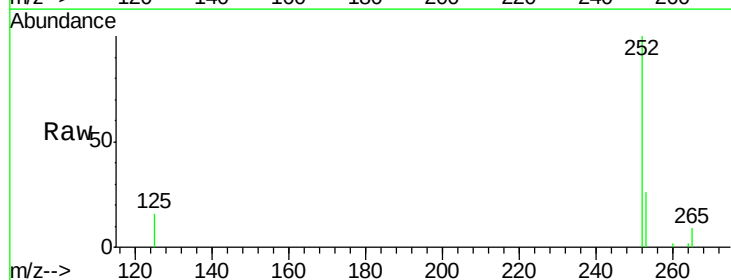
Instrument :
BNA_E
ClientSampled :

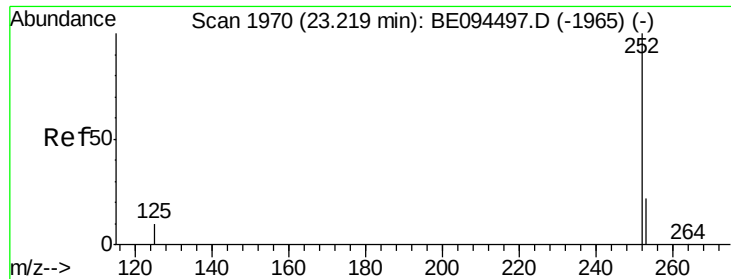
Tot Ion:264 Resp: 8647
Ion Ratio Lower Upper
264 100
260 26.7 20.5 30.7
265 33.9 22.8 34.2



#35
Benzo(b)fluoranthene
Concen: 0.37 ng
RT: 23.19 min Scan# 1963
Delta R.T. 0.01 min
Lab File: BE094644.D
Acq: 30 Oct 2017 15:54

Tgt Ion:252 Resp: 10352
Ion Ratio Lower Upper
252 100
253 26.4 48.0 72.0#
125 16.2 56.0 84.0#

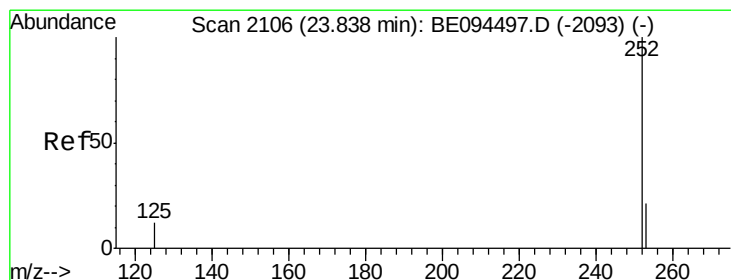
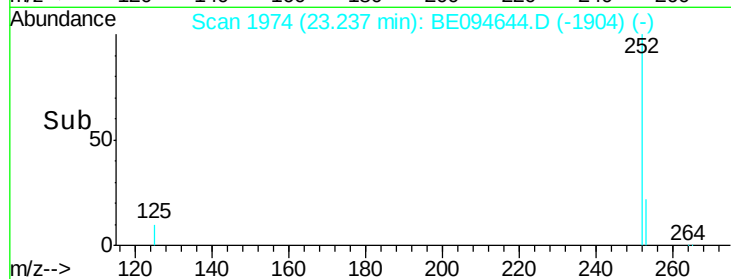
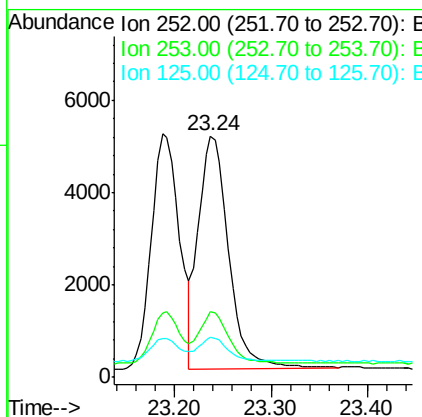
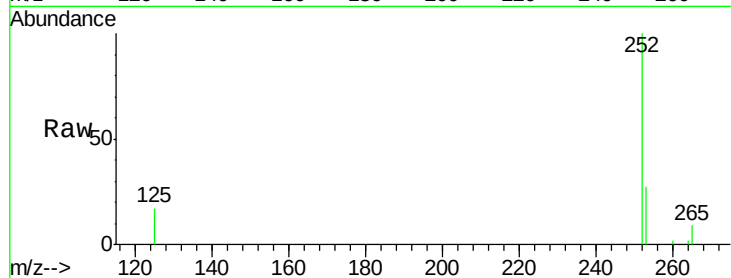




#36
Benzo(k)fluoranthene
Concen: 0.37 ng
RT: 23.24 min Scan# 1974
Delta R.T. 0.02 min
Lab File: BE094644.D
Acq: 30 Oct 2017 15:54

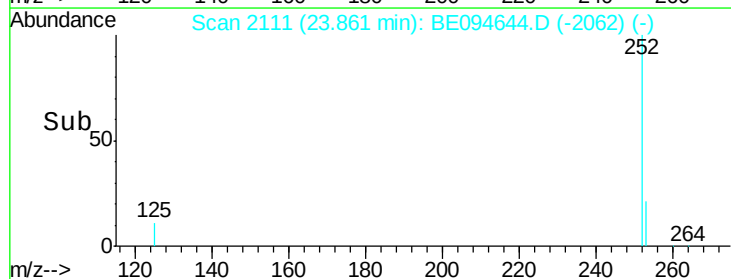
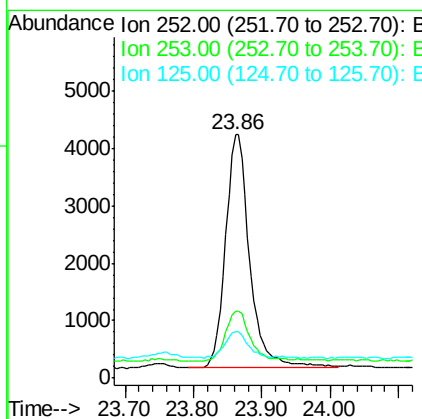
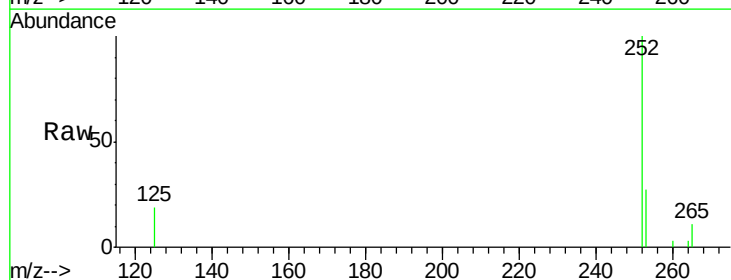
Instrument :
BNA_E
ClientSampleId :

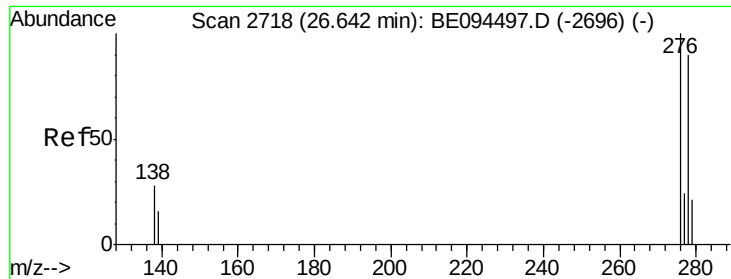
Tot Ion:252 Resp: 10902
Ion Ratio Lower Upper
252 100
253 27.2 48.0 72.0#
125 16.6 56.0 84.0#



#37
Benzo(a)pyrene
Concen: 0.37 ng
RT: 23.86 min Scan# 2111
Delta R.T. 0.02 min
Lab File: BE094644.D
Acq: 30 Oct 2017 15:54

Tgt Ion:252 Resp: 10056
Ion Ratio Lower Upper
252 100
253 27.3 52.0 78.0#
125 19.0 68.0 102.0#





#38

Dibenzo(a,h)anthracene

Concen: 0.34 ng

RT: 26.68 min Scan# 2727

Delta R.T. 0.04 min

Lab File: BE094644.D

Acq: 30 Oct 2017 15:54

Instrument :

BNA_E

ClientSampleId :

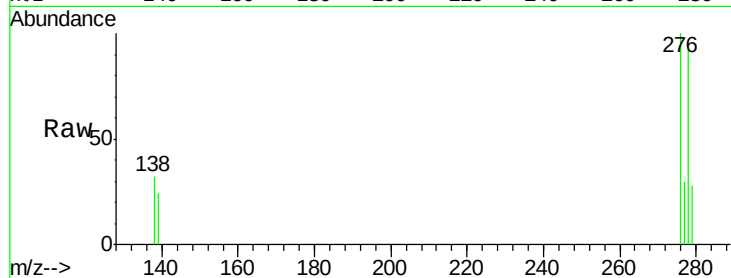
Tot Ion:278 Resp: 8390

Ion Ratio Lower Upper

278 100

139 25.6 56.0 84.0#

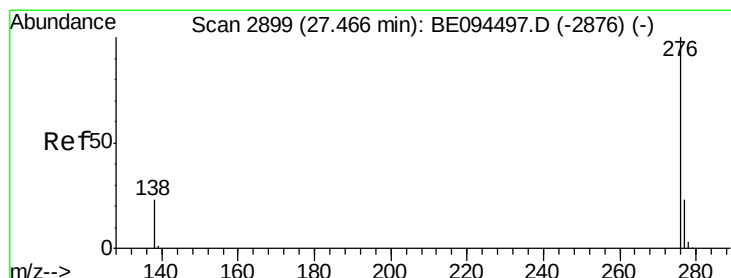
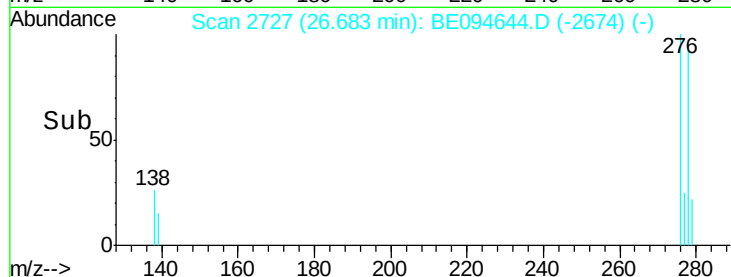
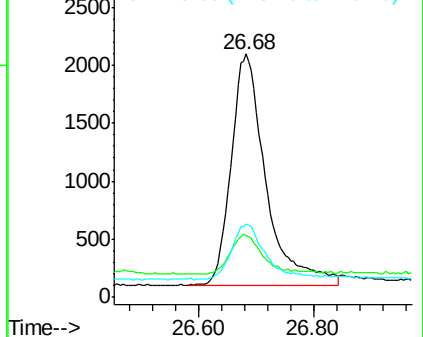
279 30.0 52.0 78.0#



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



#39

Benzo(g,h,i)perylene

Concen: 0.31 ng

RT: 27.53 min Scan# 2913

Delta R.T. 0.06 min

Lab File: BE094644.D

Acq: 30 Oct 2017 15:54

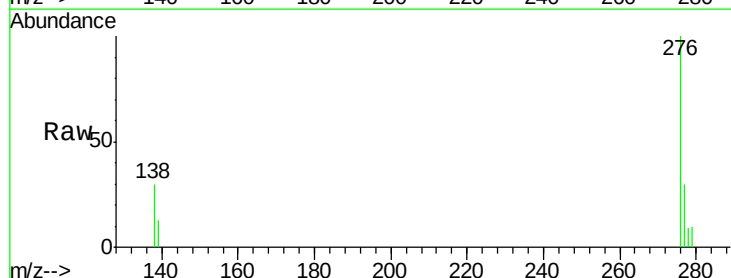
Tgt Ion:276 Resp: 7011

Ion Ratio Lower Upper

276 100

277 30.4 52.0 78.0#

138 30.3 44.0 66.0#



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

