

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011519\
 Data File : BE098621.D
 Acq On : 15 Jan 2019 10:56
 Operator : SJ/JU
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Quant Time: Jan 15 13:15:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE011519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 15 12:58:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1095	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	4961	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	3376	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	7823	0.40	ng	0.00
27) Chrysene-d12	21.41	240	8928	0.40	ng	0.00
34) Perylene-d12	23.92	264	8964	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	313	0.12	ng	0.01
5) Phenol-d6	7.01	99	363	0.10	ng	0.01
8) Nitrobenzene-d5	8.99	82	333	0.07	ng	0.03
11) 2-Methylnaphthalene-d10	12.21	152	842	0.10	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	123	0.10	ng	0.01
15) 2-Fluorobiphenyl	13.10	172	1544	0.11	ng	0.01
25) Fluoranthene-d10	19.26	212	10132	0.10	ng	0.00
29) Terphenyl-d14	19.86	244	2206	0.10	ng	0.00

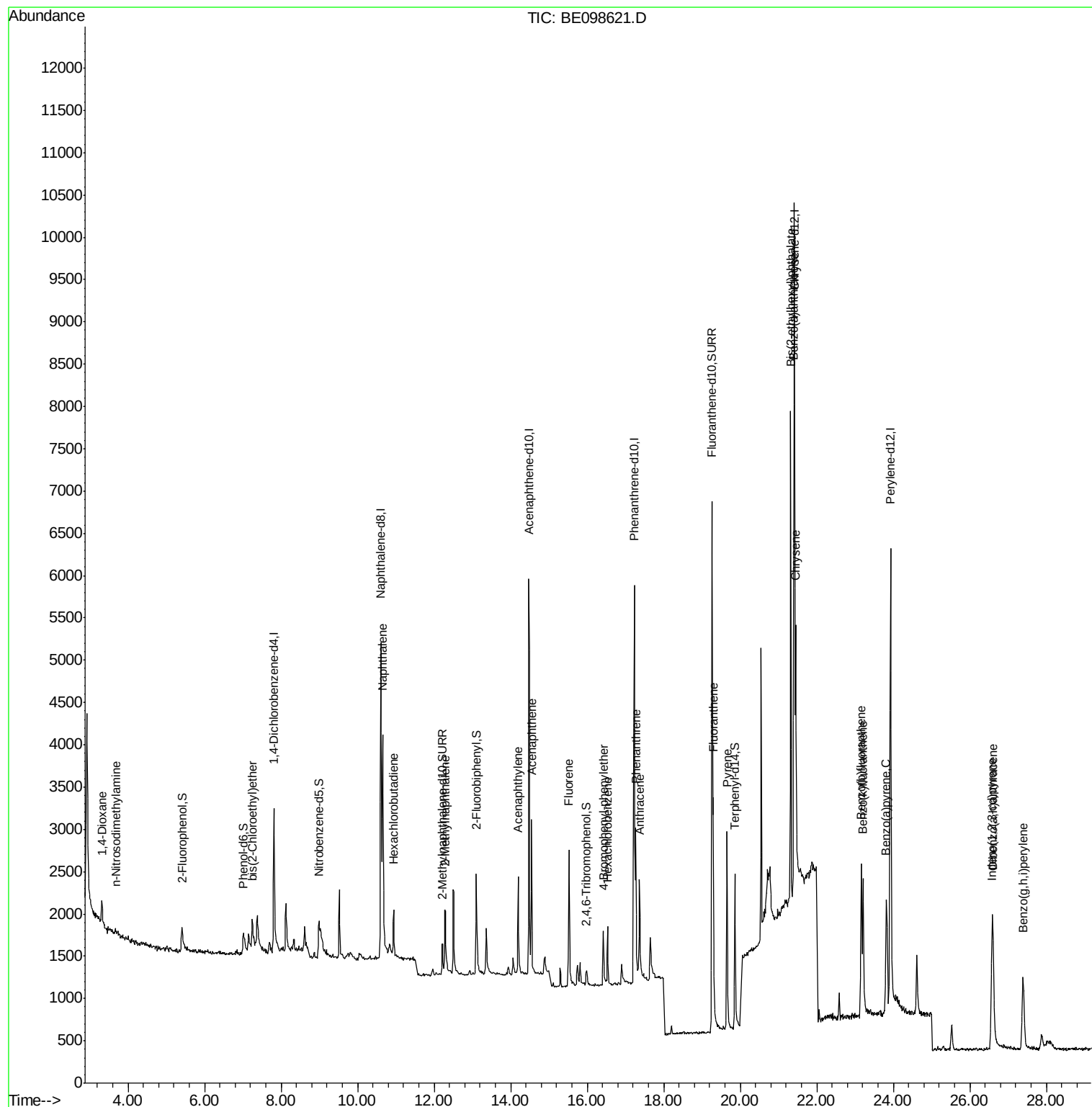
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	298	0.157	ng	# 75
3) n-Nitrosodimethylamine	3.69	42	74	0.043	ng	# 13
6) bis(2-Chloroethyl)ether	7.25	93	294	0.085	ng	79
9) Naphthalene	10.65	128	5232	0.105	ng	# 96
10) Hexachlorobutadiene	10.94	225	377	0.119	ng	96
12) 2-Methylnaphthalene	12.30	142	807	0.099	ng	# 93
16) Acenaphthylene	14.20	152	1430	0.090	ng	98
17) Acenaphthene	14.54	154	919	0.097	ng	98
18) Fluorene	15.52	166	1177	0.093	ng	97
20) 4-Bromophenyl-phenylether	16.43	248	383	0.091	ng	93
21) Hexachlorobenzene	16.53	284	524	0.116	ng	97
23) Phenanthrene	17.27	178	1888	0.099	ng	98
24) Anthracene	17.36	178	1460	0.086	ng	97
26) Fluoranthene	19.29	202	2514	0.100	ng	99
28) Pyrene	19.65	202	2633	0.094	ng	99
30) Benzo(a)anthracene	21.40	228	2402	0.094	ng	# 94
31) Chrysene	21.45	228	2639	0.099	ng	96
32) Bis(2-ethylhexyl)phthalate	21.32	149	6264	0.121	ng	99
33) Indeno(1,2,3-cd)pyrene	26.58	276	2561	0.097	ng	# 78
35) Benzo(b)fluoranthene	23.16	252	2495	0.102	ng	# 66
36) Benzo(k)fluoranthene	23.21	252	2538	0.089	ng	# 81
37) Benzo(a)pyrene	23.82	252	2473	0.098	ng	# 77
38) Dibenzo(a,h)anthracene	26.60	278	1926	0.081	ng	# 54
39) Benzo(g,h,i)perylene	27.39	276	2337	0.097	ng	# 88

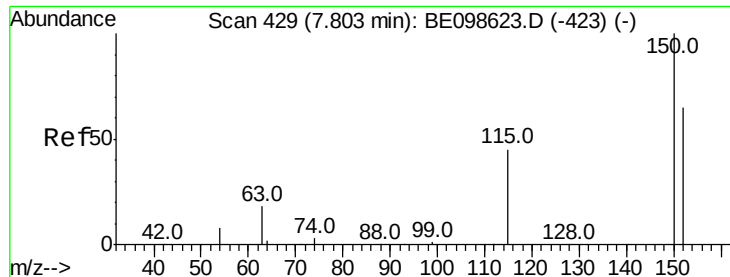
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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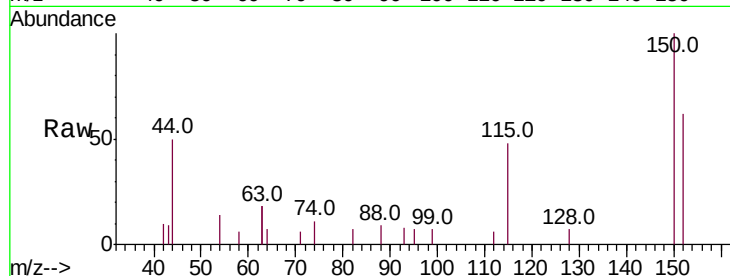


#1

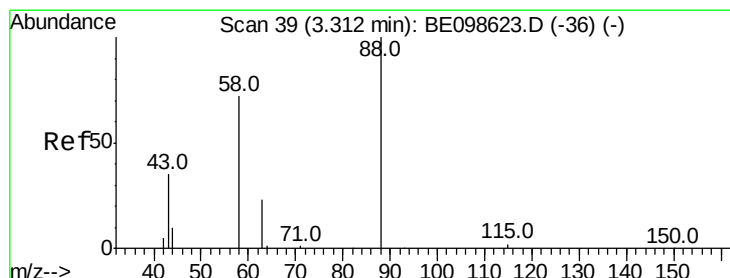
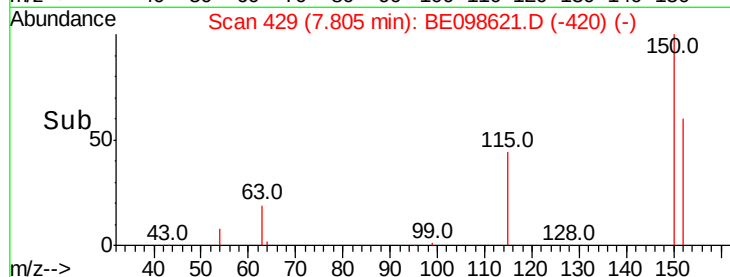
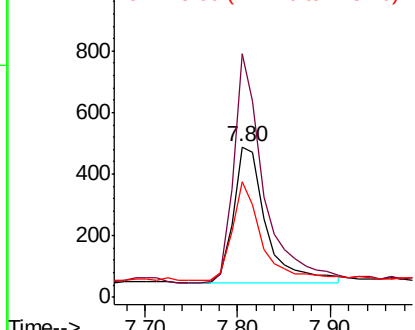
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098621.D
Acq: 15 Jan 2019 10:56

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:152 Resp: 1095
Ion Ratio Lower Upper
152 100
150 161.8 121.4 182.2
115 76.9 59.1 88.7



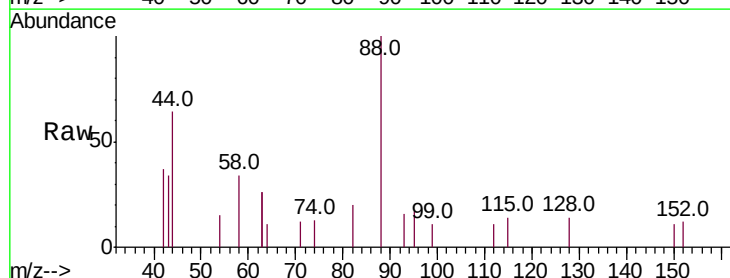
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



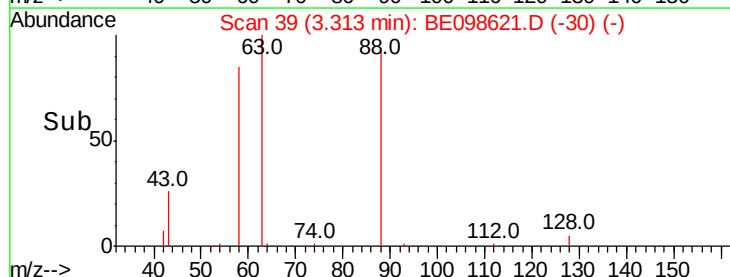
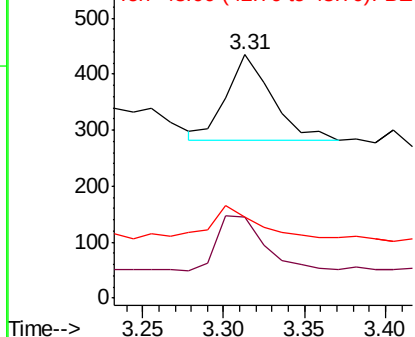
#2

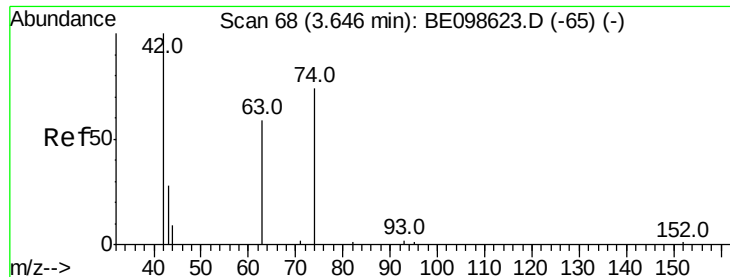
1,4-Dioxane
Concen: 0.157 ng
RT: 3.31 min Scan# 39
Delta R.T. 0.00 min
Lab File: BE098621.D
Acq: 15 Jan 2019 10:56

Tgt Ion: 88 Resp: 298
Ion Ratio Lower Upper
88 100
58 64.8 73.9 110.9#
43 40.6 43.7 65.5#



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.043 ng

RT: 3.69 min Scan# 72

Delta R.T. 0.05 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

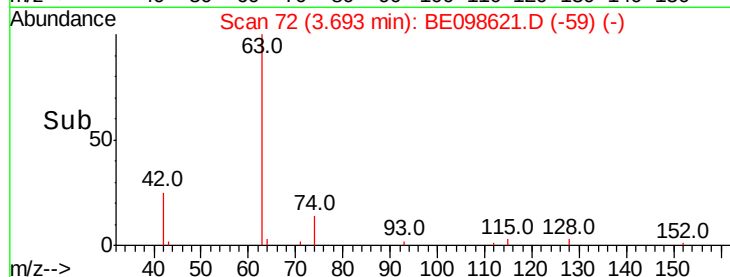
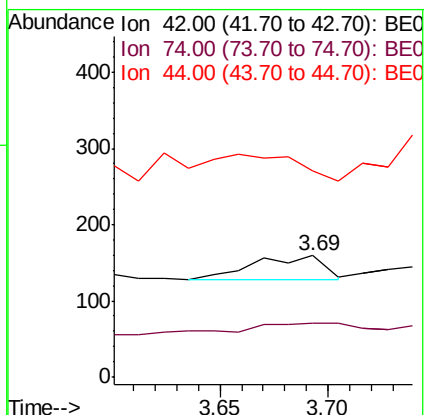
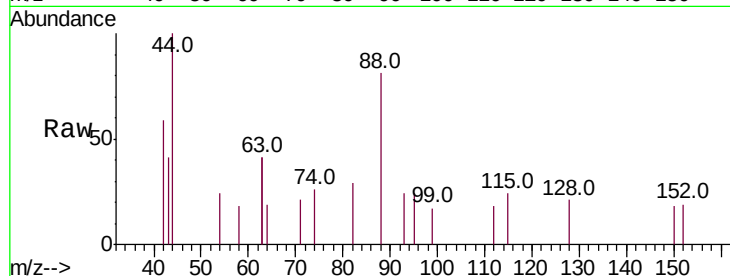
Tot Ion: 42 Resp: 74

Ion Ratio Lower Upper

42 100

74 0.0 58.9 88.3#

44 0.0 0.0 0.0



#4

2-Fluorophenol

Concen: 0.122 ng

RT: 5.41 min Scan# 221

Delta R.T. 0.01 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

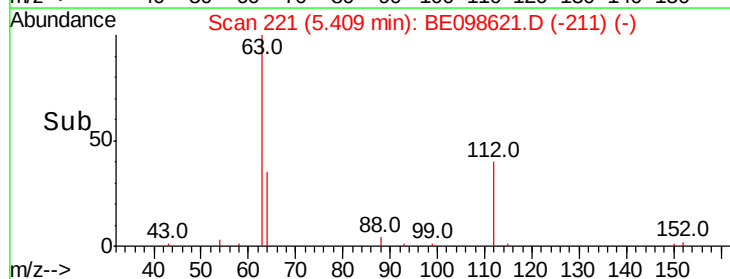
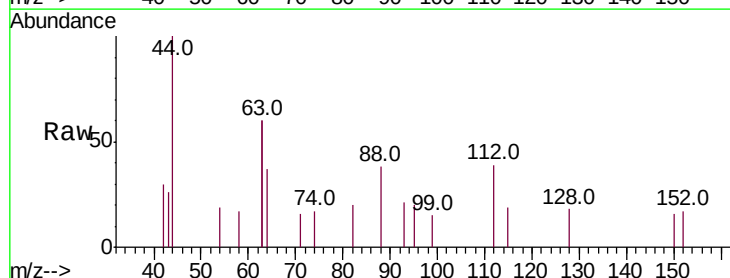
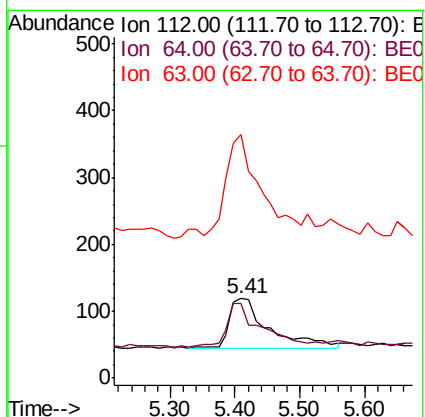
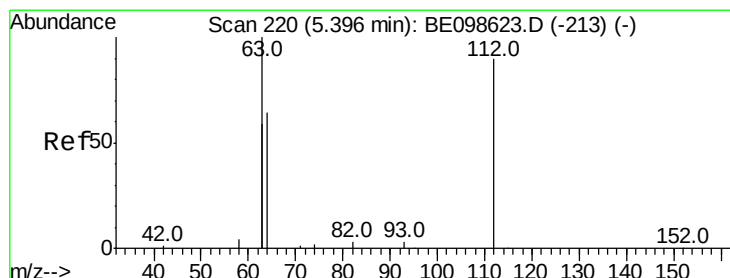
Tgt Ion: 112 Resp: 313

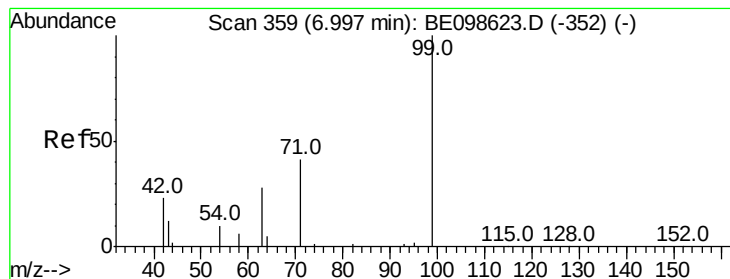
Ion Ratio Lower Upper

112 100

64 78.3 62.9 94.3

63 183.4 152.2 228.4





#5

Phenol-d6

Concen: 0.100 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.01 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

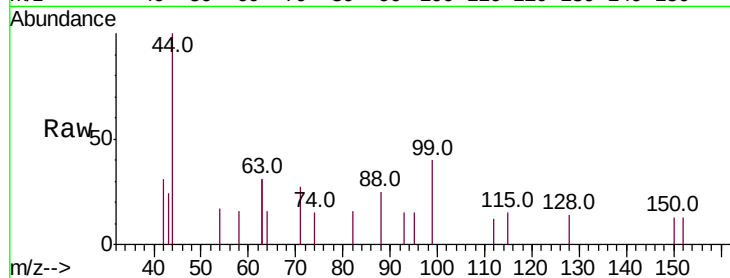
Tot Ion: 99 Resp: 363

Ion Ratio Lower Upper

99 100

42 37.2 24.6 37.0#

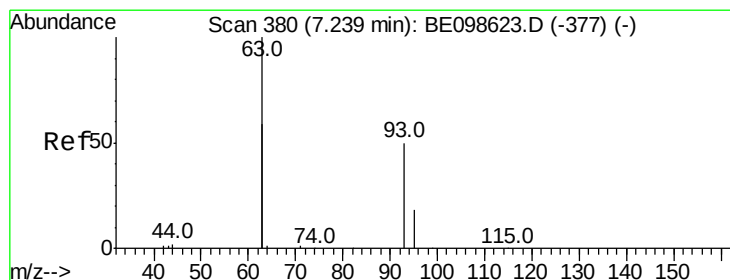
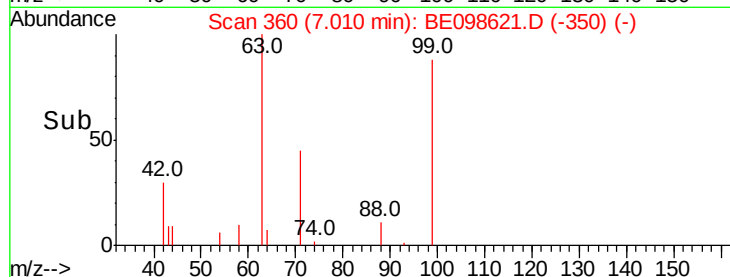
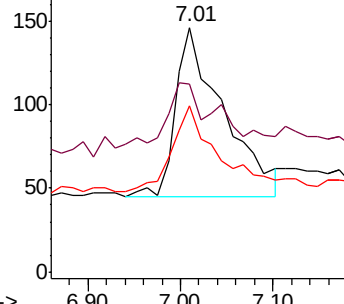
71 52.9 35.1 52.7#



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.085 ng

RT: 7.25 min Scan# 381

Delta R.T. 0.01 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

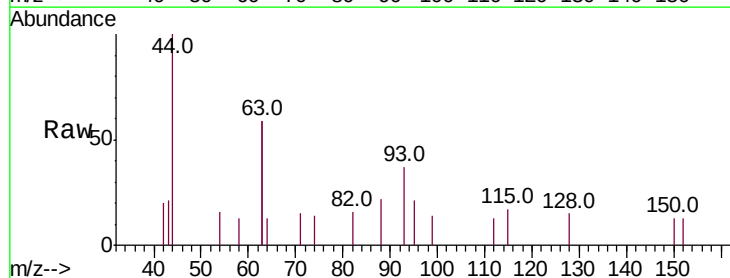
Tgt Ion: 93 Resp: 294

Ion Ratio Lower Upper

93 100

63 288.1 267.3 400.9

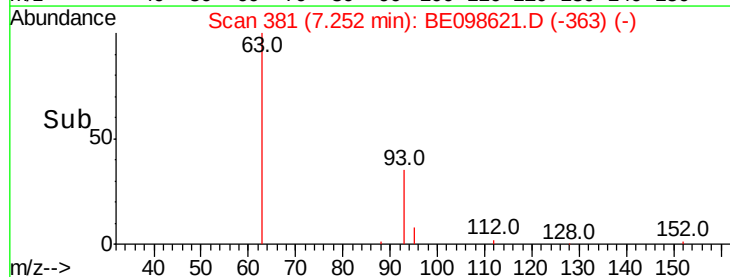
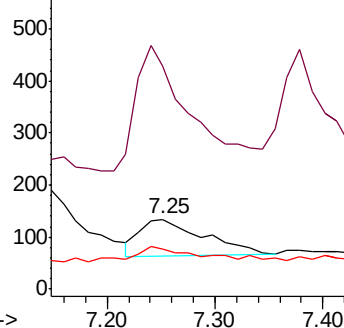
95 38.1 26.2 39.4

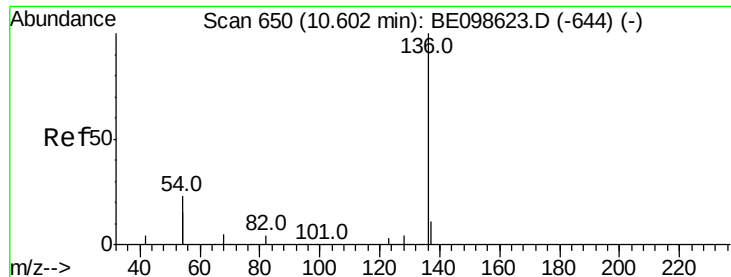


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tot Ion:136 Resp: 4961

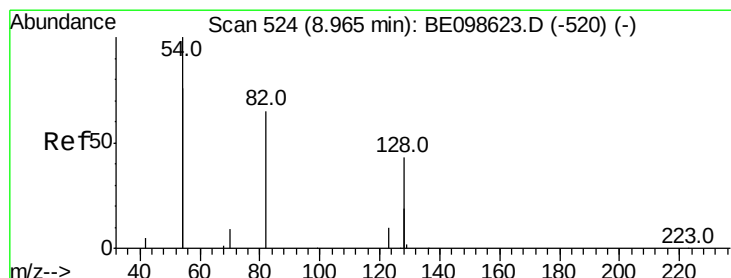
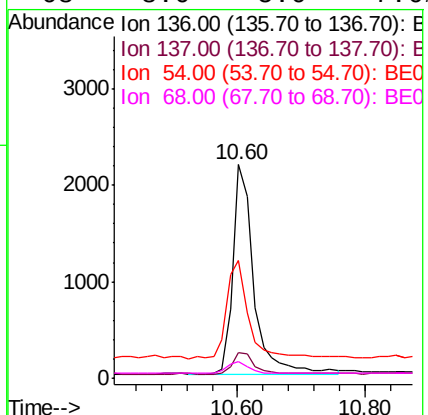
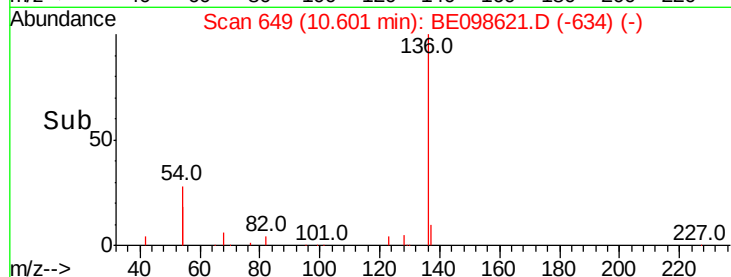
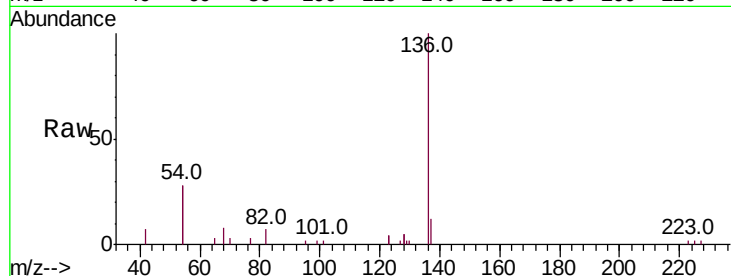
Ion Ratio Lower Upper

136 100

137 12.2 9.7 14.5

54 55.4 35.5 53.3#

68 8.0 5.0 7.6#



#8

Nitrobenzene-d5

Concen: 0.074 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.03 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

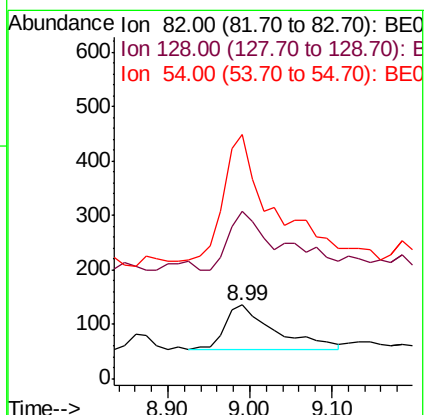
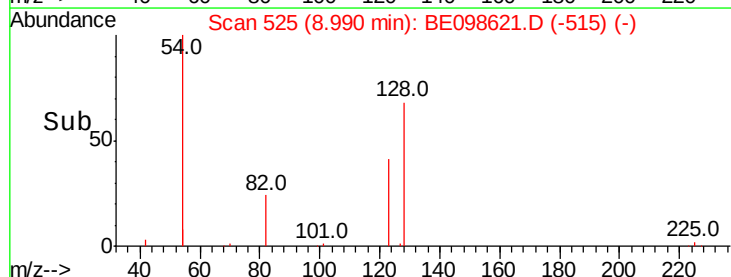
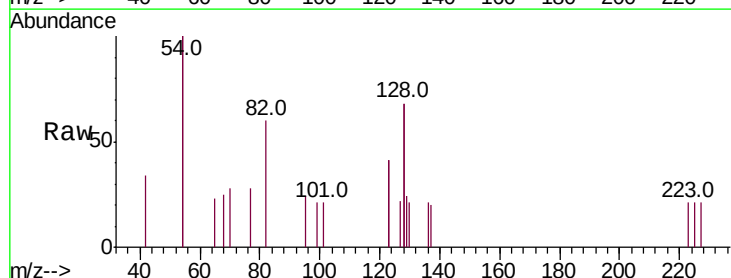
Tgt Ion: 82 Resp: 333

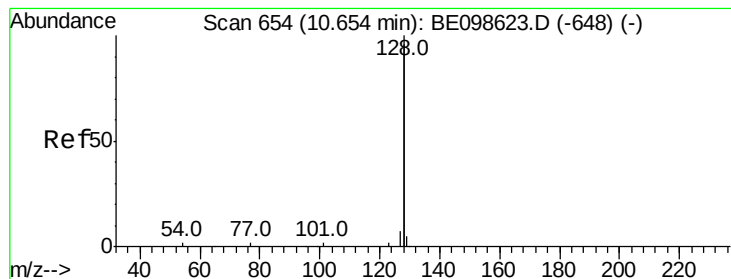
Ion Ratio Lower Upper

82 100

128 226.7 96.5 144.7#

54 331.9 224.7 337.1





#9

Naphthalene

Concen: 0.105 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

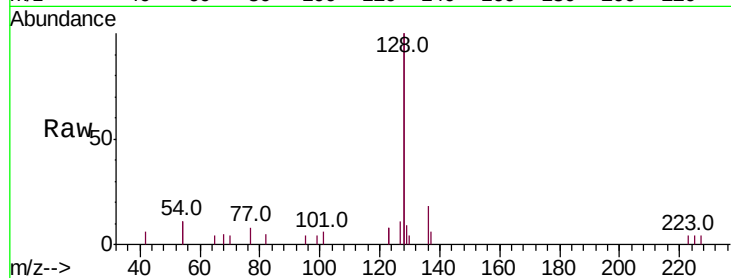
Tot Ion:128 Resp: 5232

Ion Ratio Lower Upper

128 100

129 4.4 2.6 3.8#

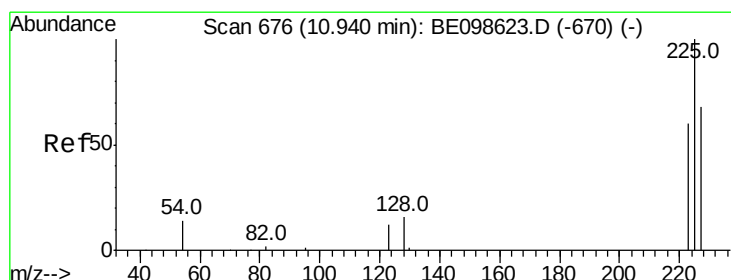
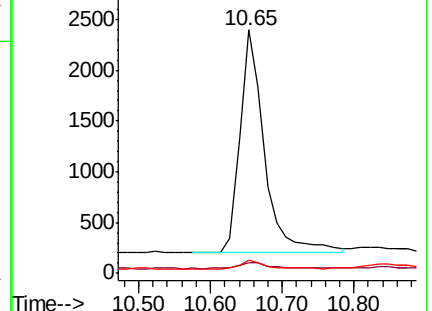
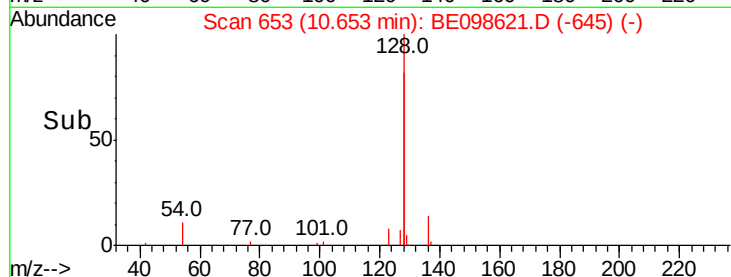
127 5.3 3.0 4.6#



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: 0.119 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

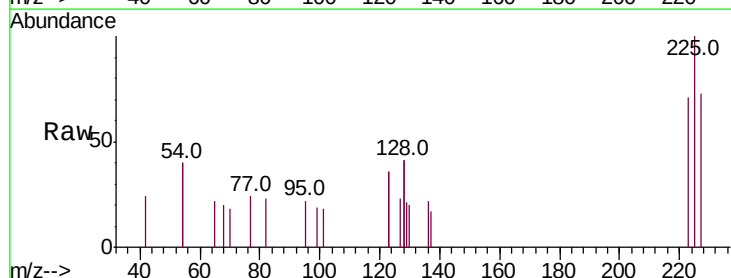
Tgt Ion:225 Resp: 377

Ion Ratio Lower Upper

225 100

223 63.7 47.8 71.8

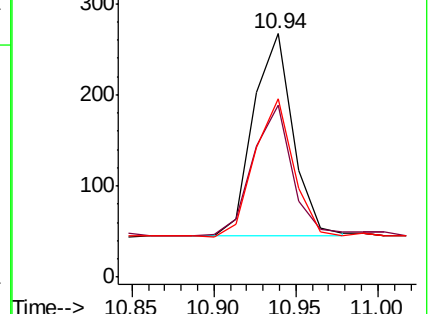
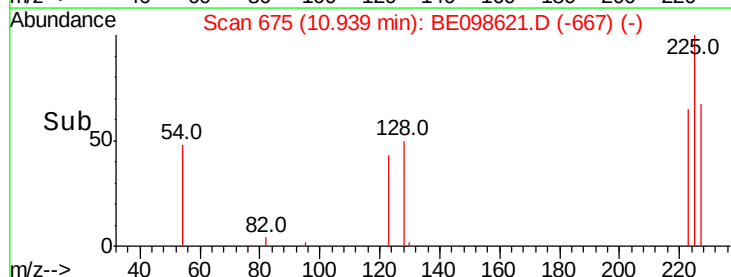
227 66.0 50.5 75.7

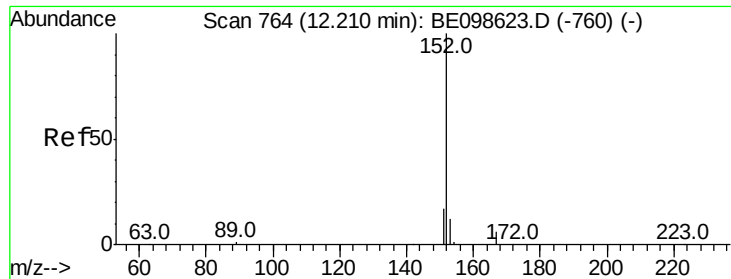


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

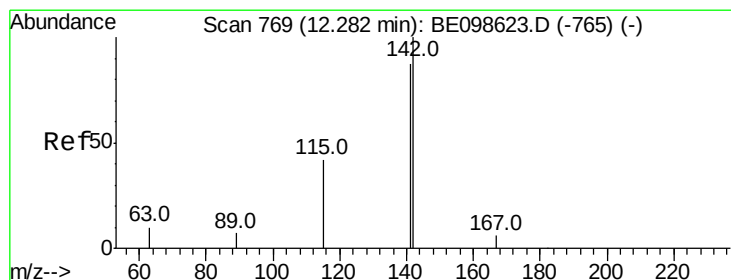
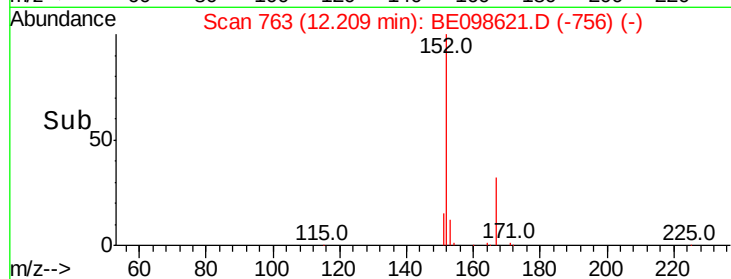
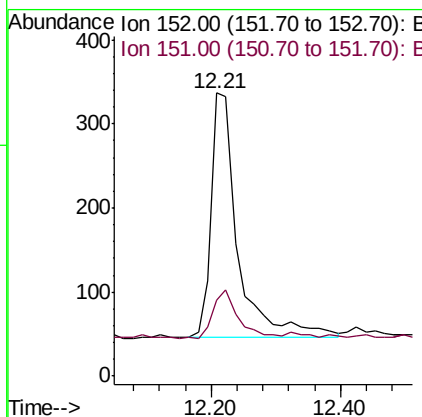
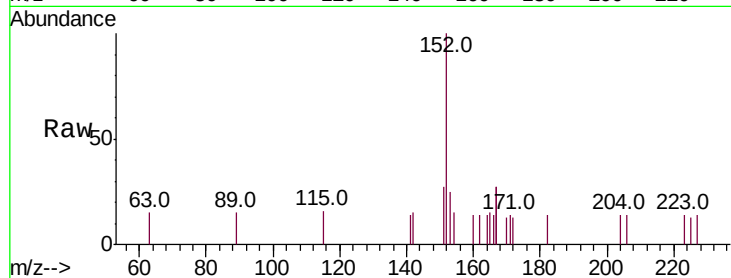




#11
 2-Methylnaphthalene-d10
 Concen: 0.104 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: BE098621.D
 Acq: 15 Jan 2019 10:56

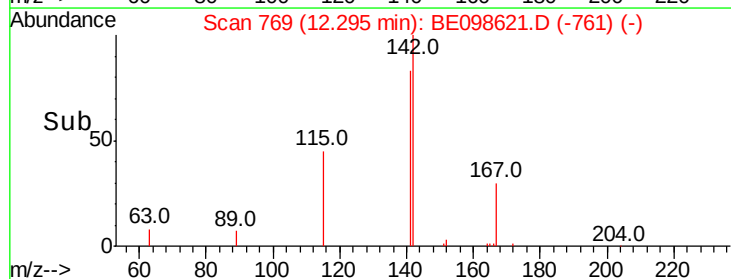
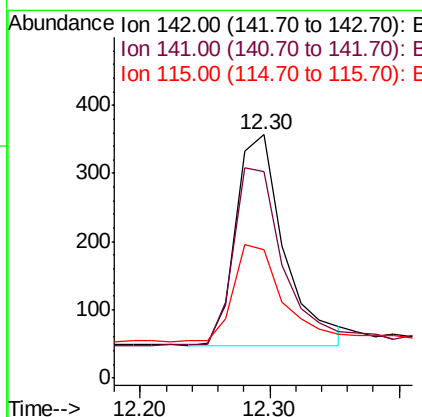
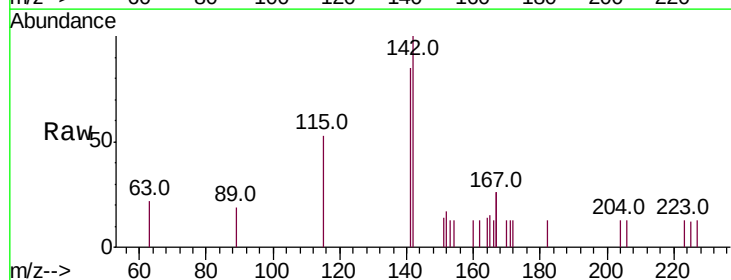
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

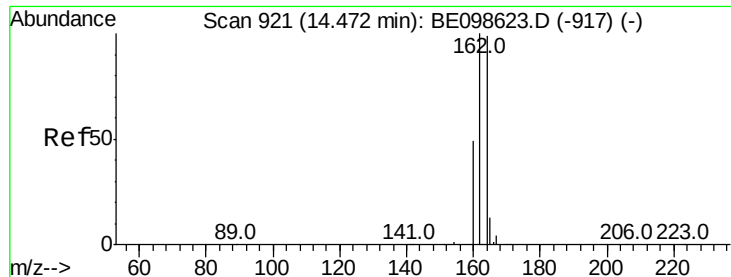
Tot Ion:152 Resp: 842
 Ion Ratio Lower Upper
 152 100
 151 18.6 16.2 24.4



#12
 2-Methylnaphthalene
 Concen: 0.099 ng
 RT: 12.30 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: BE098621.D
 Acq: 15 Jan 2019 10:56

Tgt Ion:142 Resp: 807
 Ion Ratio Lower Upper
 142 100
 141 84.6 70.0 105.0
 115 52.9 35.2 52.8#

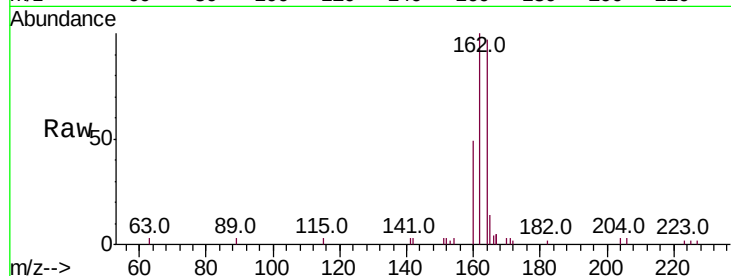




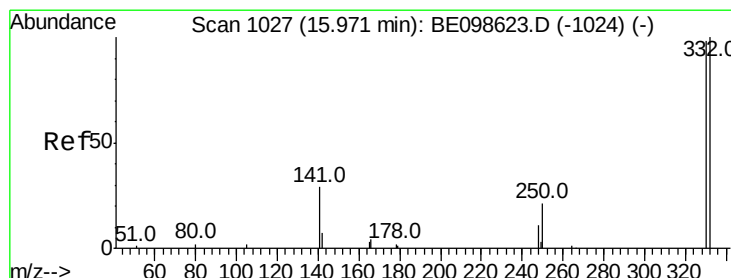
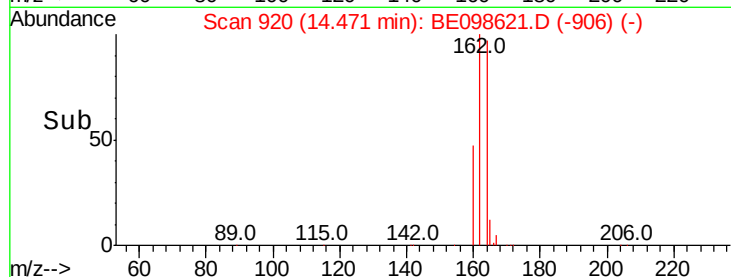
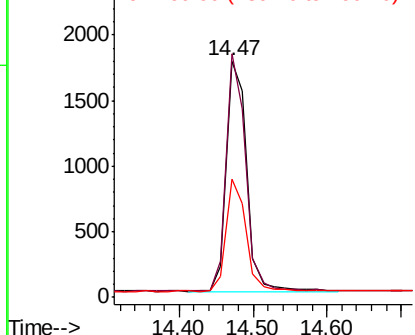
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE098621.D
Acq: 15 Jan 2019 10:56

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:164 Resp: 3376
Ion Ratio Lower Upper
164 100
162 103.1 80.5 120.7
160 50.1 40.1 60.1

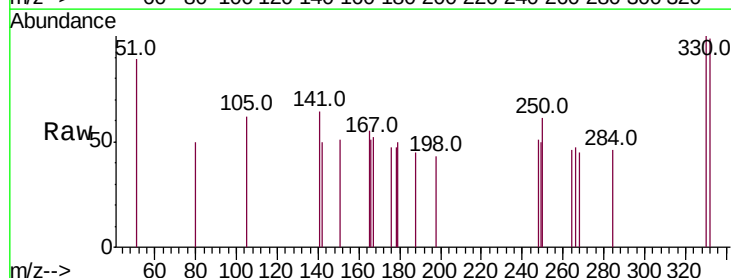


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

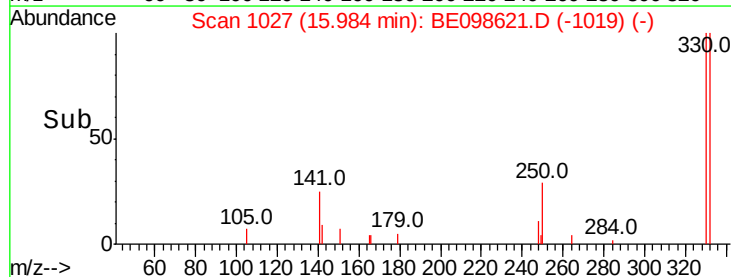
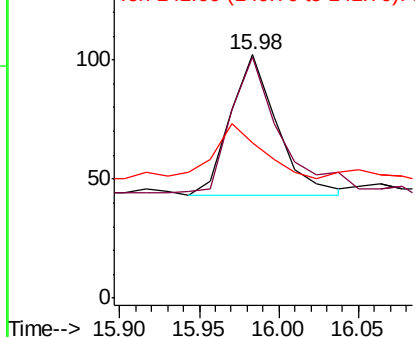


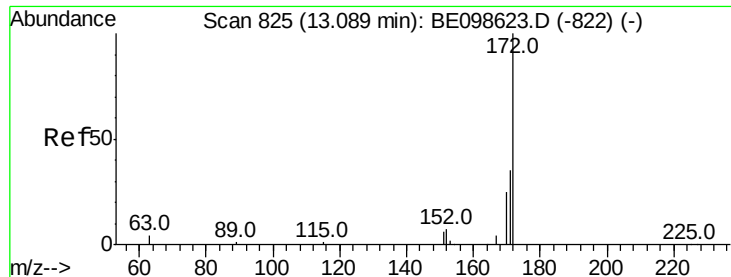
#14
2,4,6-Tribromophenol
Concen: 0.099 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE098621.D
Acq: 15 Jan 2019 10:56

Tgt Ion:330 Resp: 123
Ion Ratio Lower Upper
330 100
332 104.9 73.3 109.9
141 41.5 33.1 49.7



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

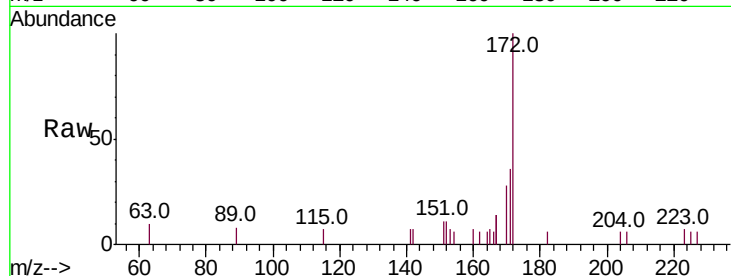




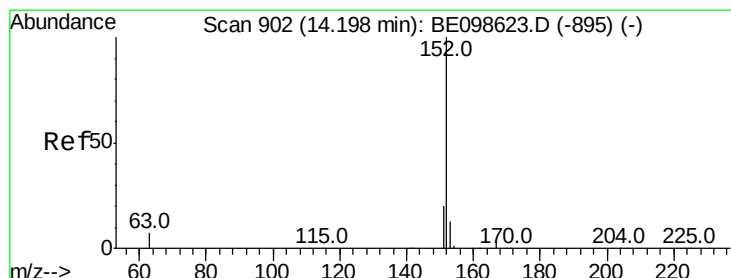
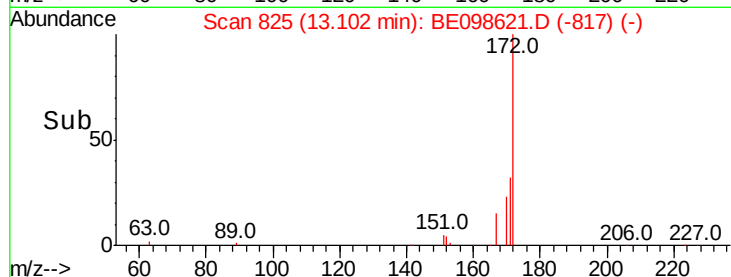
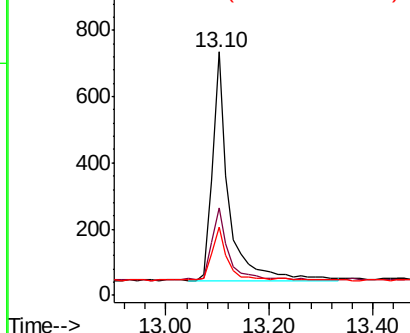
#15
2-Fluorobiphenyl
Concen: 0.108 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.01 min
Lab File: BE098621.D
Acq: 15 Jan 2019 10:56

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:172 Resp: 1544
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 28.3 20.8 31.2

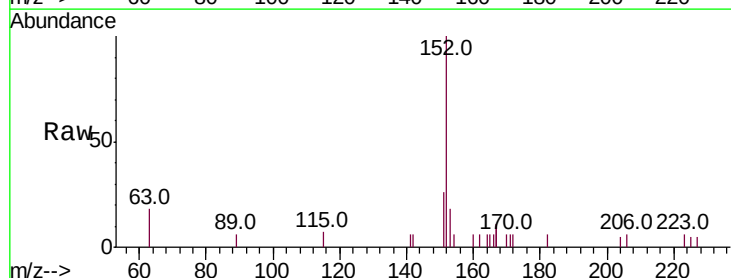


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

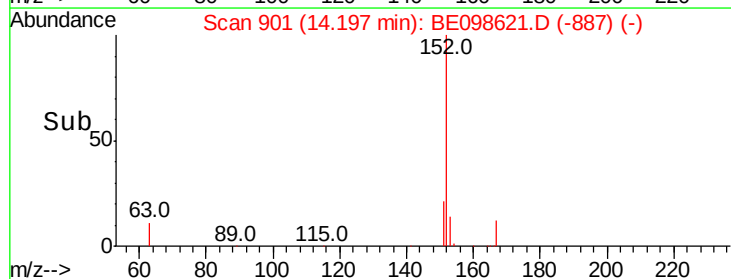
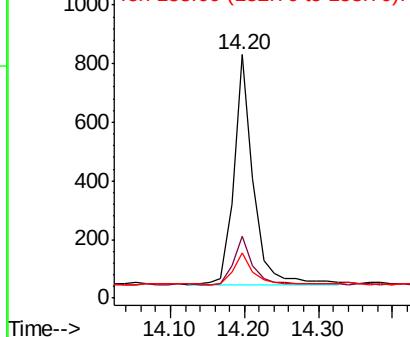


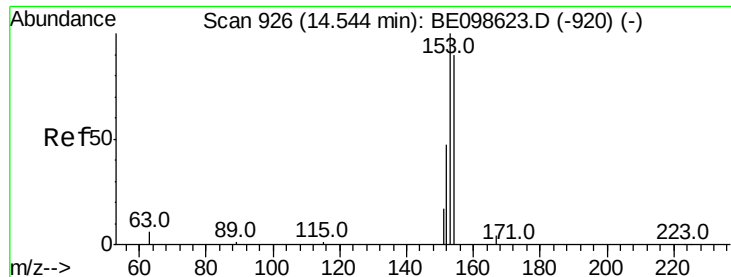
#16
Acenaphthylene
Concen: 0.090 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE098621.D
Acq: 15 Jan 2019 10:56

Tgt Ion:152 Resp: 1430
Ion Ratio Lower Upper
152 100
151 22.2 16.3 24.5
153 13.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

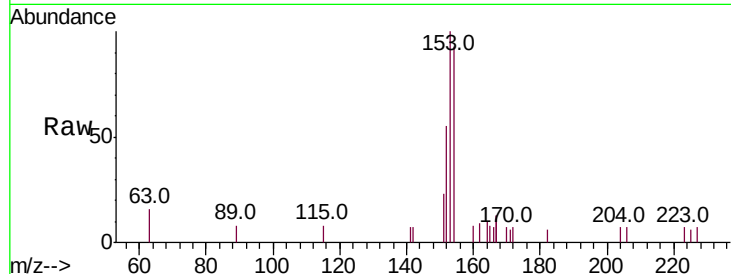




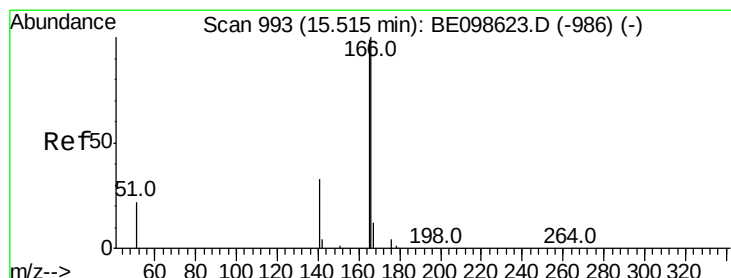
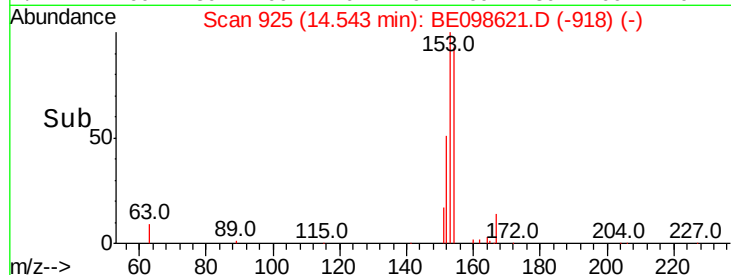
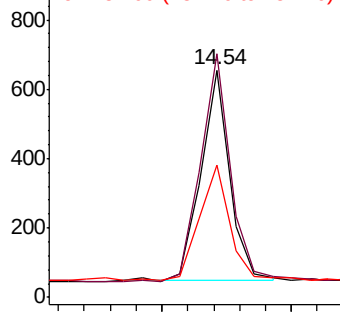
#17
Acenaphthene
Concen: 0.097 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE098621.D
Acq: 15 Jan 2019 10:56

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:154 Resp: 919
Ion Ratio Lower Upper
154 100
153 116.1 93.9 140.9
152 60.3 45.8 68.8

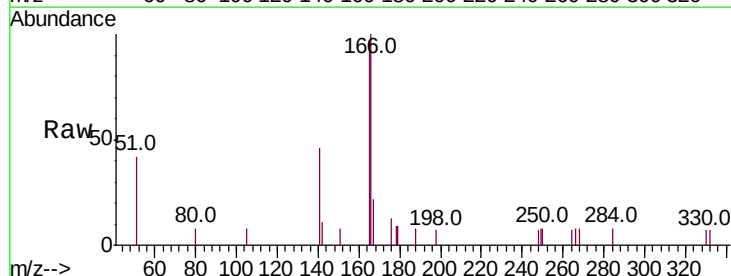


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

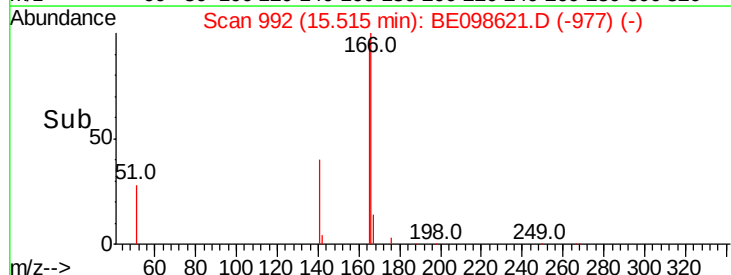
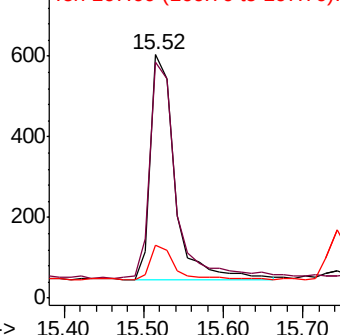


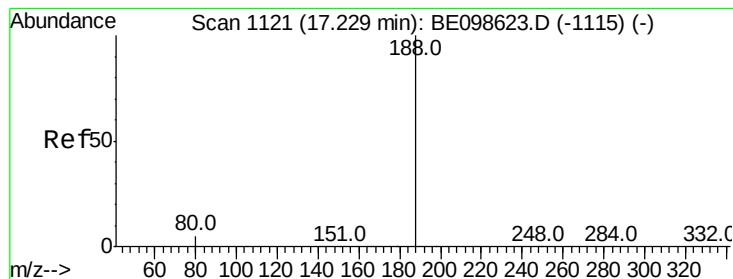
#18
Fluorene
Concen: 0.093 ng
RT: 15.52 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE098621.D
Acq: 15 Jan 2019 10:56

Tgt Ion:166 Resp: 1177
Ion Ratio Lower Upper
166 100
165 102.2 79.3 118.9
167 15.7 10.6 15.8



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: 0.400 ng

RT: 17.23 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

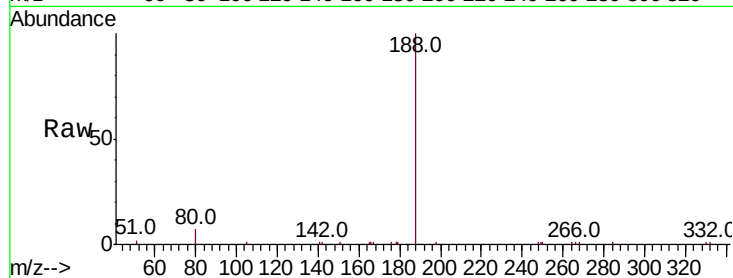
Tot Ion:188 Resp: 7823

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

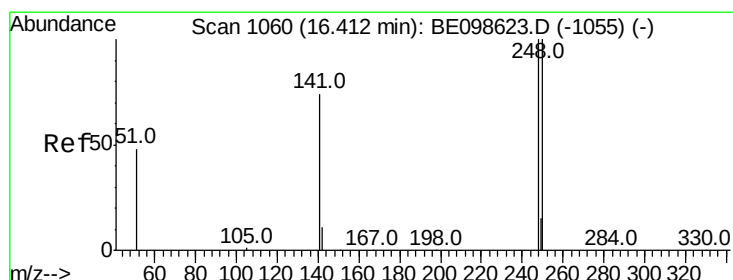
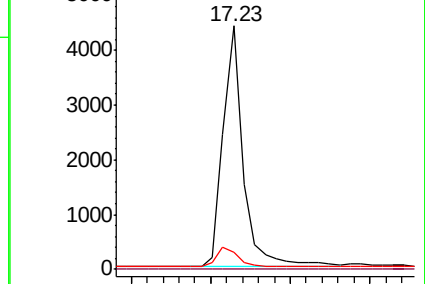
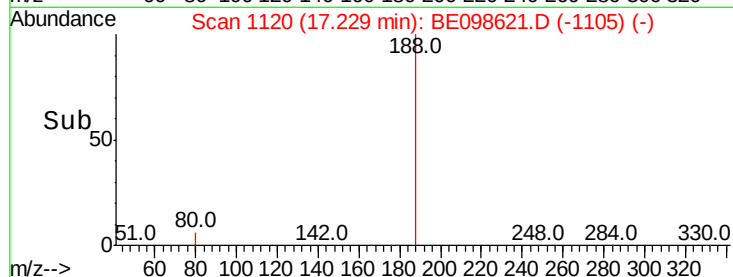
80 7.2 4.7 7.1#



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: 0.091 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.01 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

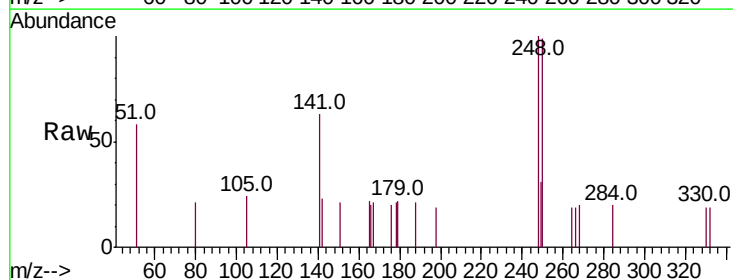
Tgt Ion:248 Resp: 383

Ion Ratio Lower Upper

248 100

250 99.2 80.2 120.4

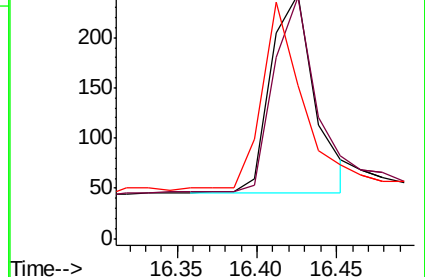
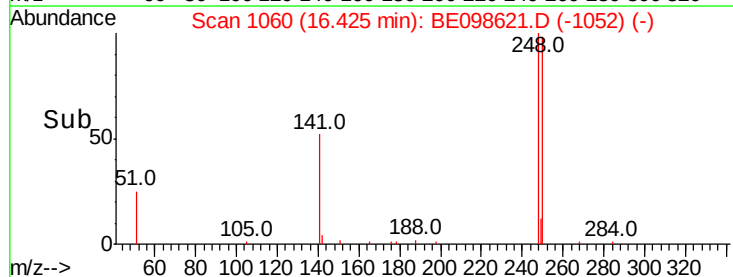
141 63.0 60.5 90.7

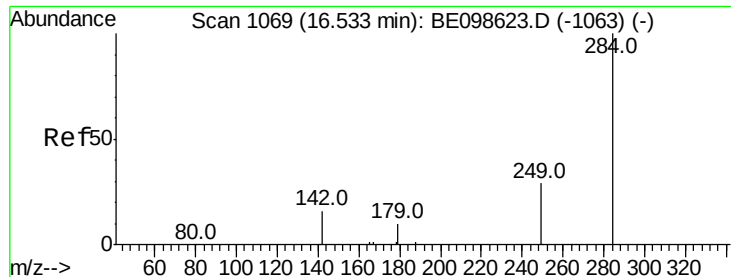


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.116 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

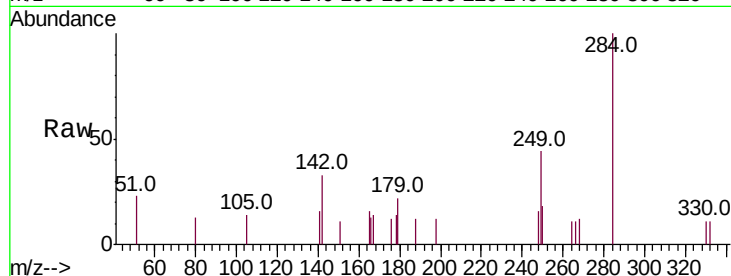
Tot Ion:284 Resp: 524

Ion Ratio Lower Upper

284 100

142 33.2 25.5 38.3

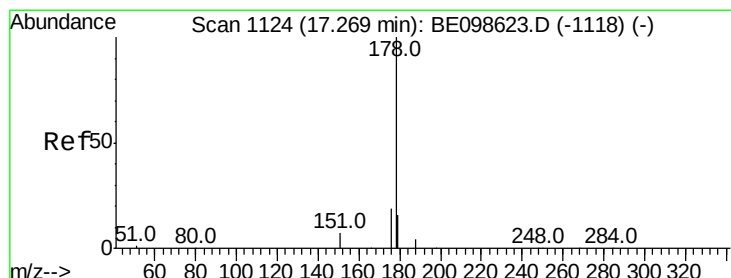
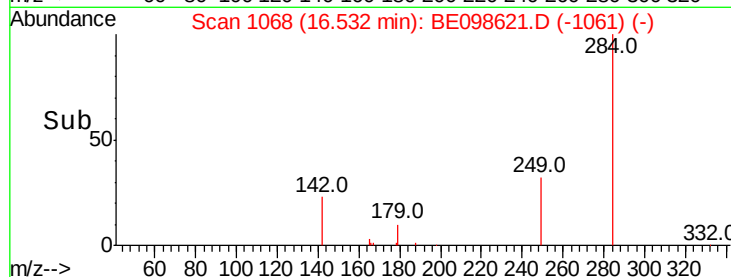
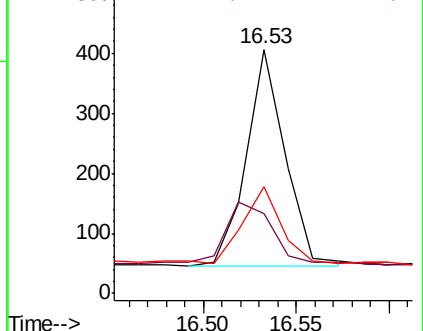
249 35.3 26.6 39.8



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: 0.099 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

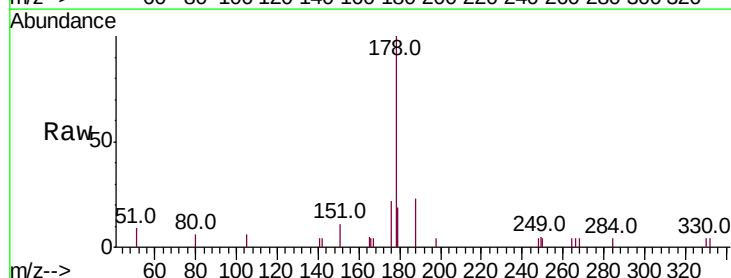
Tgt Ion:178 Resp: 1888

Ion Ratio Lower Upper

178 100

176 20.4 15.9 23.9

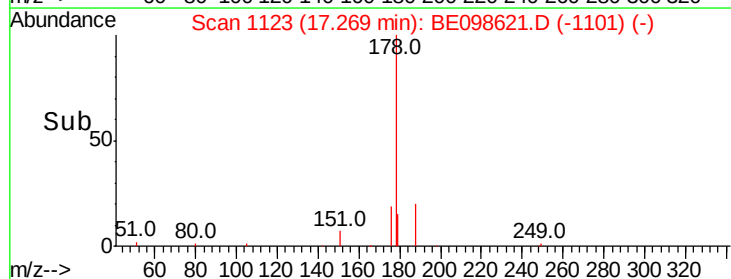
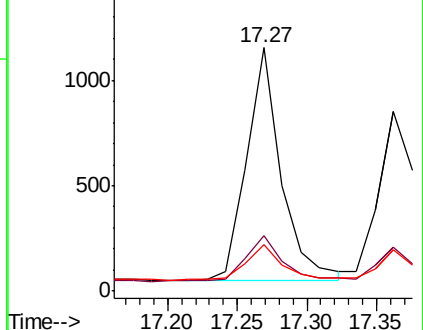
179 16.7 12.2 18.4

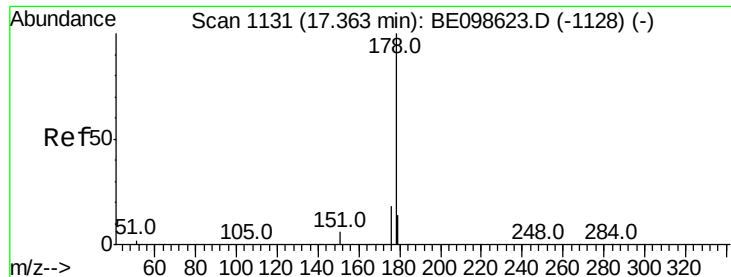


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.086 ng

RT: 17.36 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

Instrument :

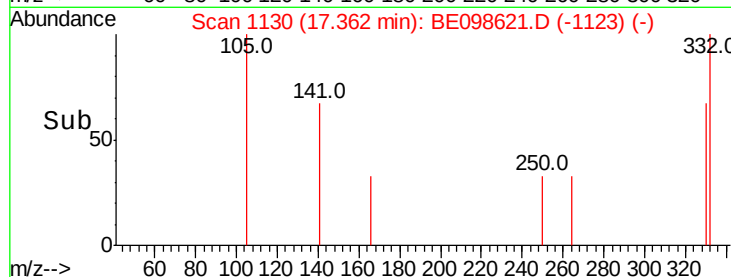
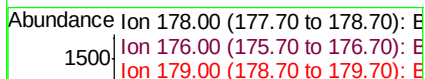
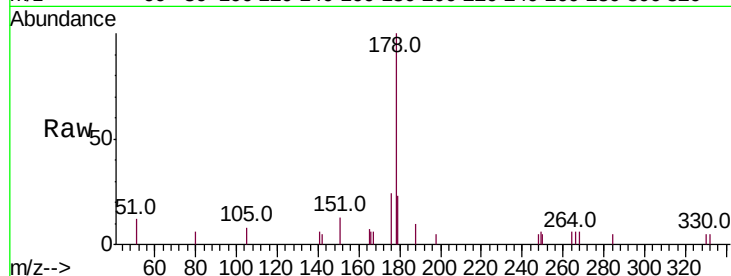
BNA_E

ClientSampleId :

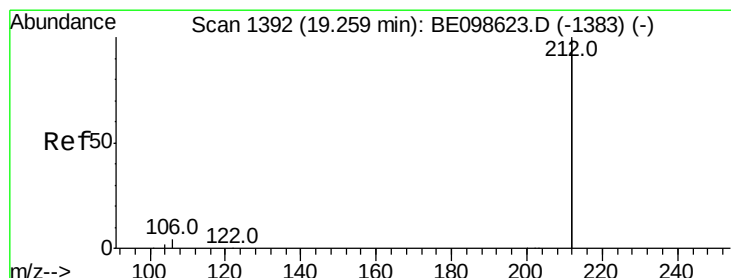
SSTDIC0.1

Tot Ion:178 Resp: 1460

Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.9	22.3
179	16.2	11.8	17.8



Time-->



#25

Fluoranthene-d10

Concen: 0.101 ng

RT: 19.26 min Scan# 1391

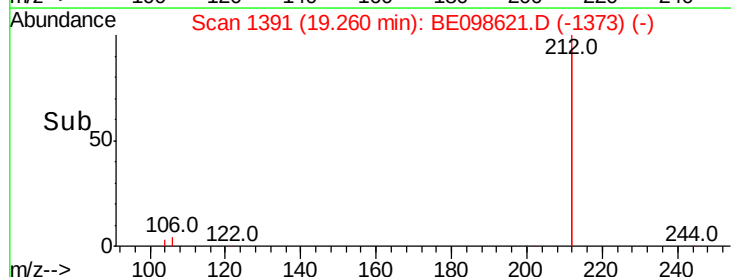
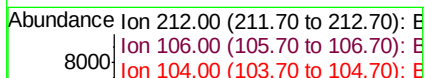
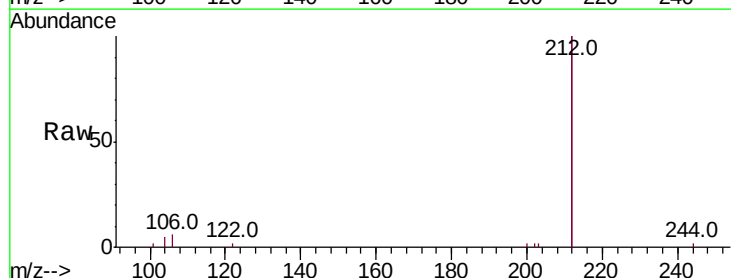
Delta R.T. 0.00 min

Lab File: BE098621.D

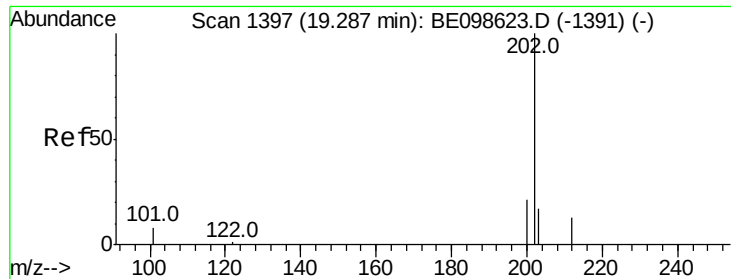
Acq: 15 Jan 2019 10:56

Tgt Ion:212 Resp: 10132

Ion	Ratio	Lower	Upper
212	100		
106	2.2	1.7	2.5
104	1.5	1.0	1.6



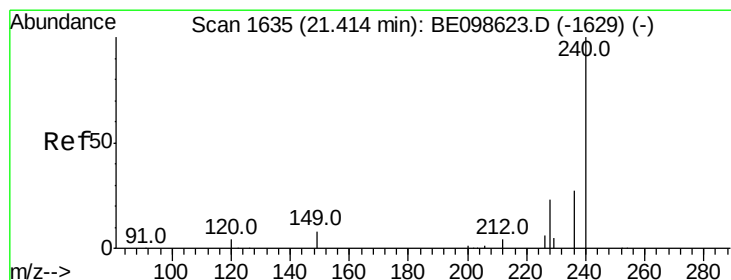
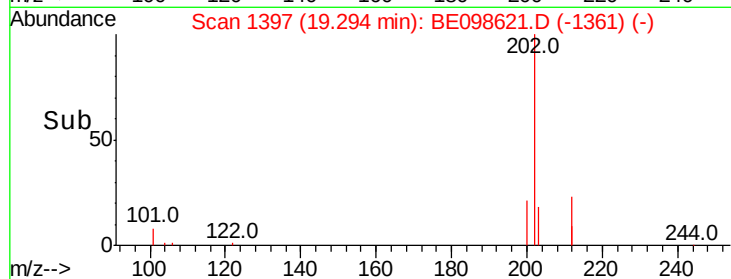
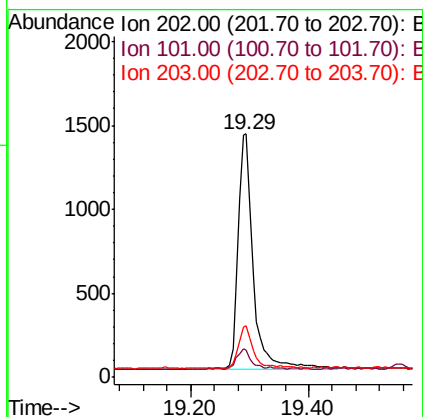
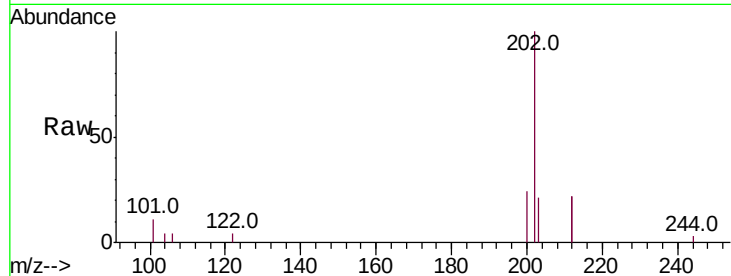
Time-->



#26
 Fluoranthene
 Concen: 0.100 ng
 RT: 19.29 min Scan# 1397
 Delta R.T. 0.01 min
 Lab File: BE098621.D
 Acq: 15 Jan 2019 10:56

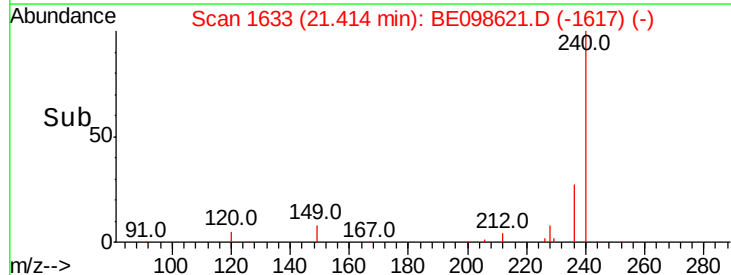
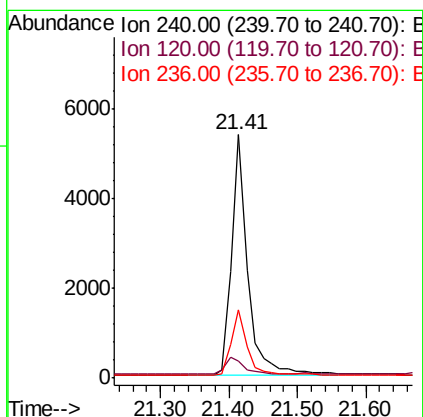
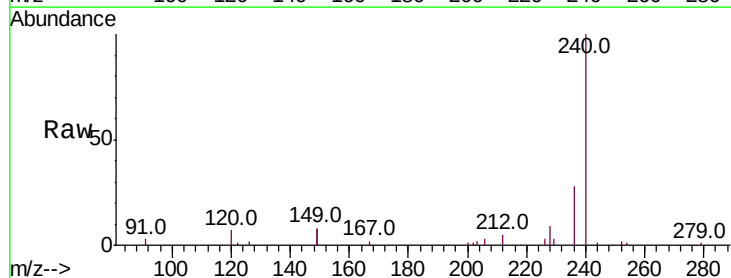
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

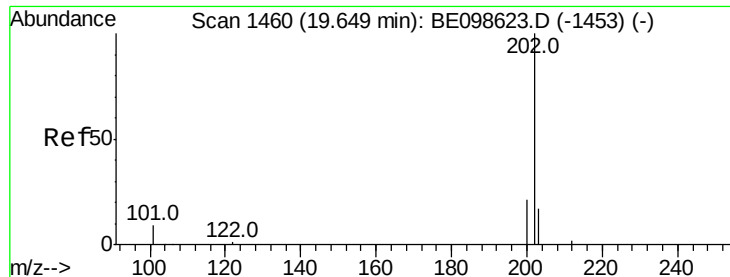
Tot Ion:202 Resp: 2514
 Ion Ratio Lower Upper
 202 100
 101 8.0 6.7 10.1
 203 17.1 13.3 19.9



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.41 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BE098621.D
 Acq: 15 Jan 2019 10:56

Tgt Ion:240 Resp: 8928
 Ion Ratio Lower Upper
 240 100
 120 6.7 4.7 7.1
 236 27.8 21.9 32.9

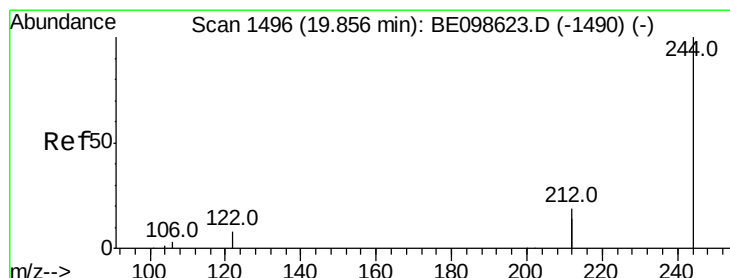
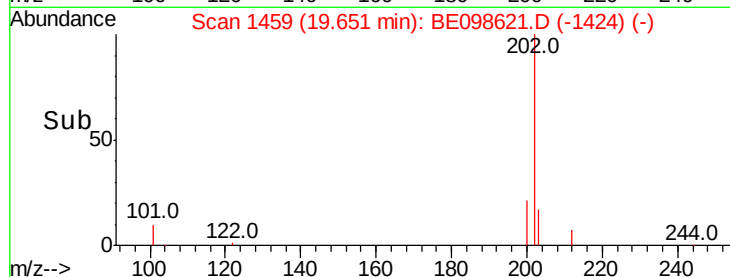
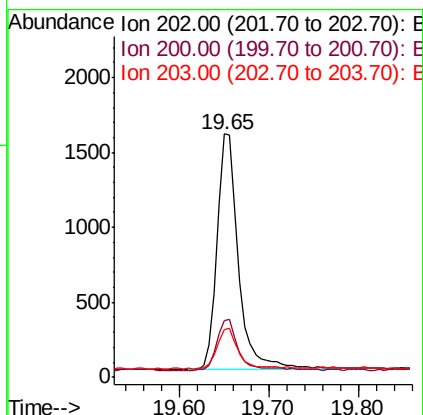
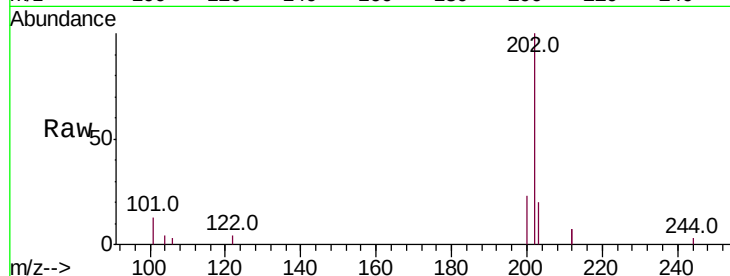




#28
Pvrene
Concen: 0.094 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BE098621.D
Acq: 15 Jan 2019 10:56

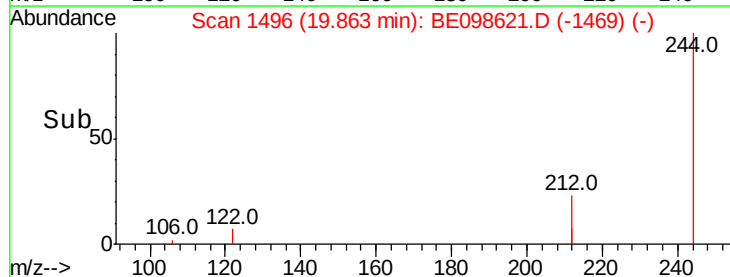
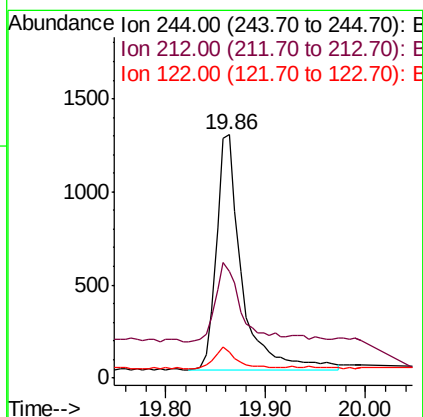
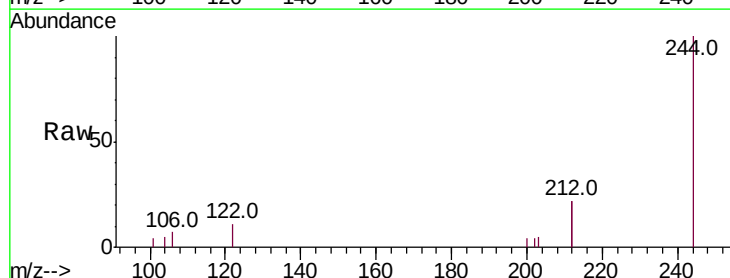
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

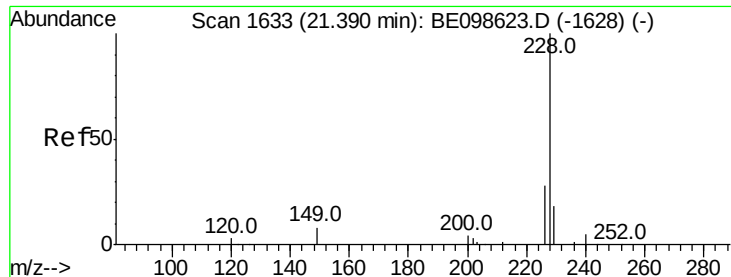
Tot Ion:202 Resp: 2633
Ion Ratio Lower Upper
202 100
200 22.0 17.0 25.6
203 17.5 13.8 20.8



#29
Terphenyl-d14
Concen: 0.102 ng
RT: 19.86 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BE098621.D
Acq: 15 Jan 2019 10:56

Tgt Ion:244 Resp: 2206
Ion Ratio Lower Upper
244 100
212 43.8 29.4 44.2
122 10.9 7.1 10.7#





#30

Benzo(a)anthracene

Concen: 0.094 ng

RT: 21.40 min Scan# 1632

Delta R.T. 0.01 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

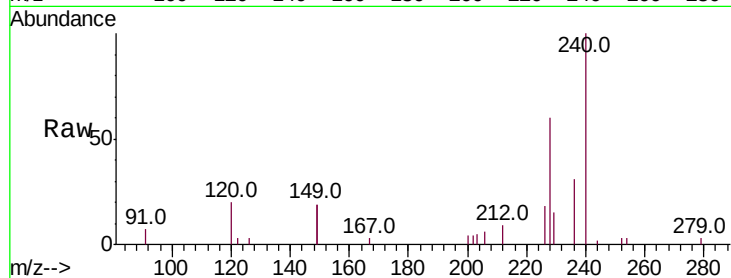
Tot Ion:228 Resp: 2402

Ion Ratio Lower Upper

228 100

226 29.4 23.0 34.4

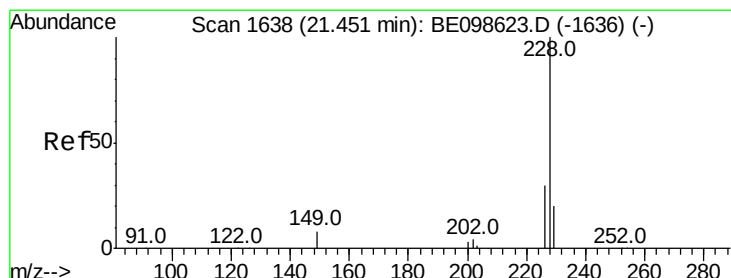
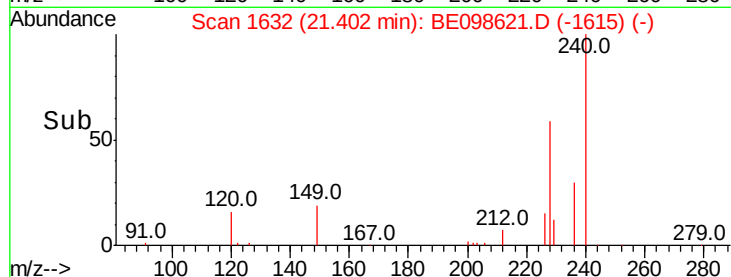
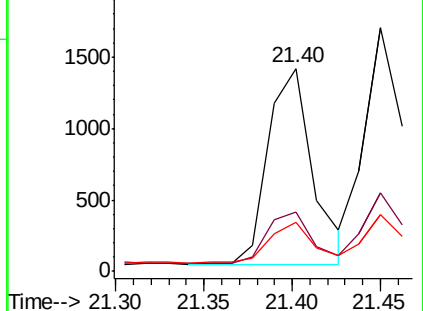
229 24.5 15.0 22.6#



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: 0.099 ng

RT: 21.45 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

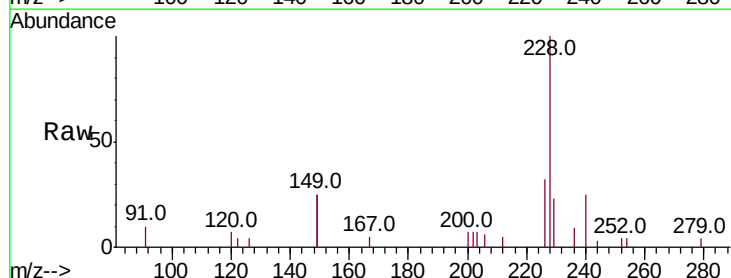
Tgt Ion:228 Resp: 2639

Ion Ratio Lower Upper

228 100

226 32.5 24.6 36.8

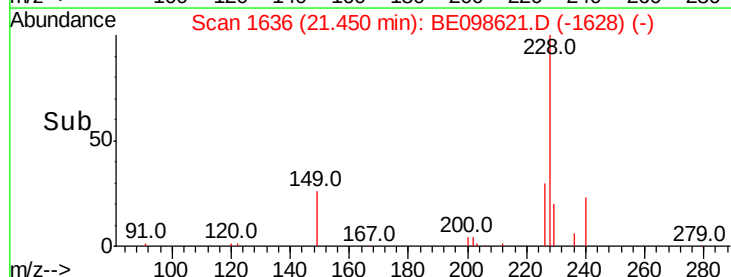
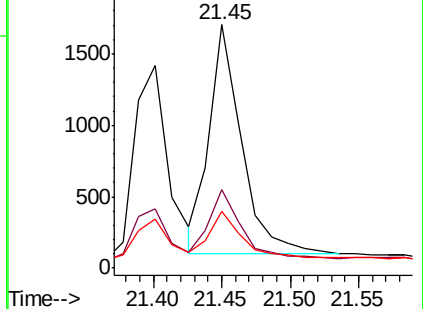
229 23.1 16.4 24.6

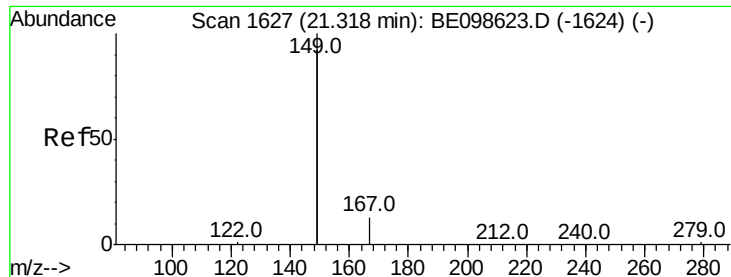


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.121 ng

RT: 21.32 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

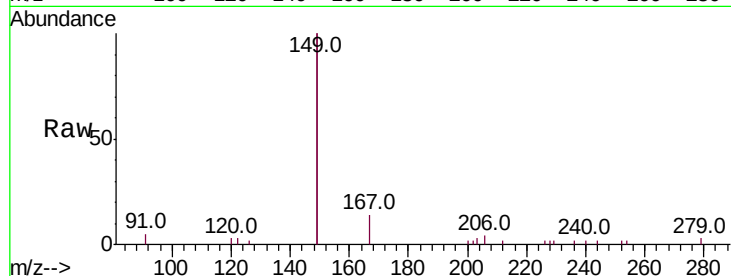
Tot Ion:149 Resp: 6264

Ion Ratio Lower Upper

149 100

167 6.5 5.4 8.2

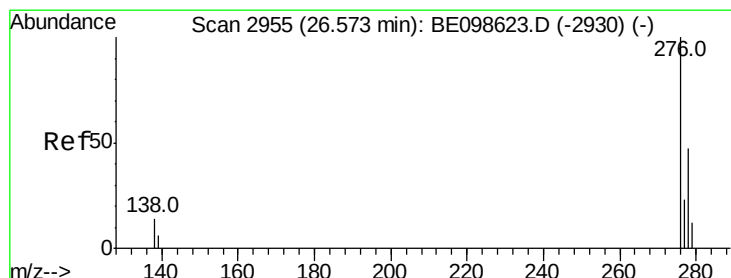
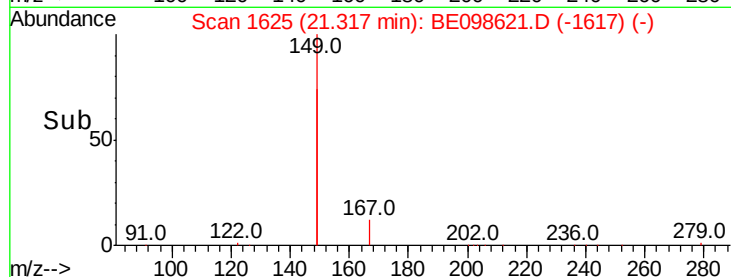
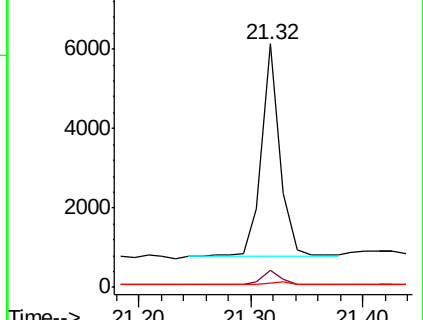
279 1.4 1.0 1.4



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: 0.097 ng

RT: 26.58 min Scan# 2954

Delta R.T. 0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

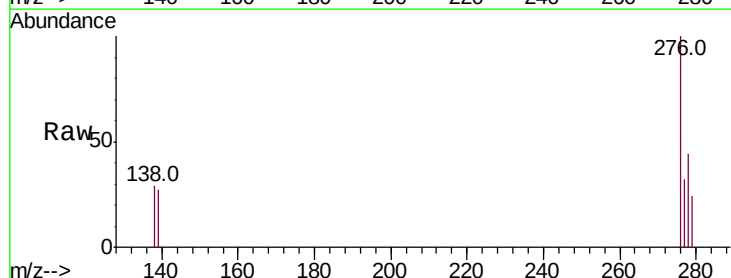
Tgt Ion:276 Resp: 2561

Ion Ratio Lower Upper

276 100

138 9.9 13.3 19.9#

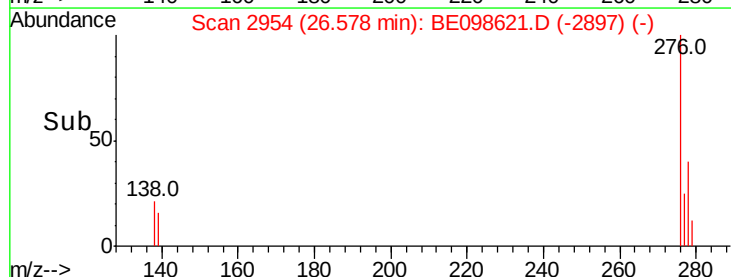
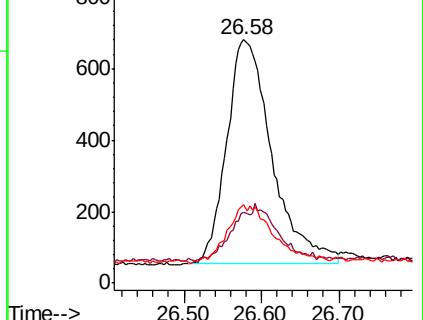
277 11.4 19.4 29.0#

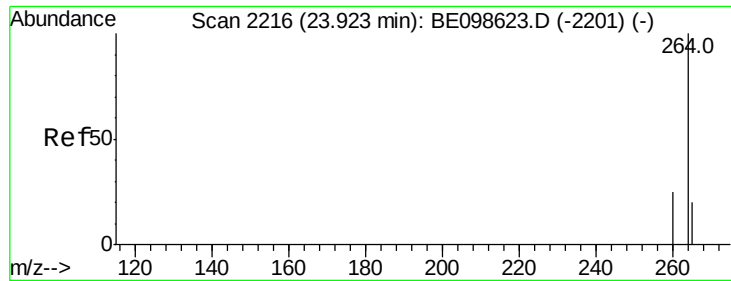


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

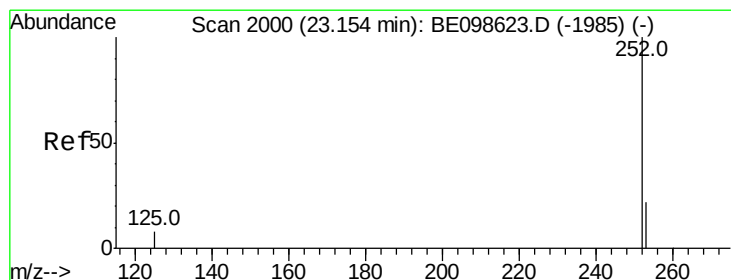
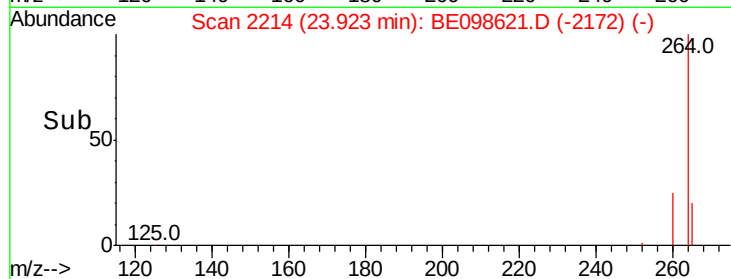
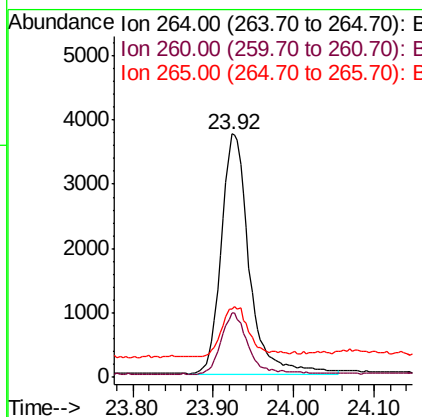
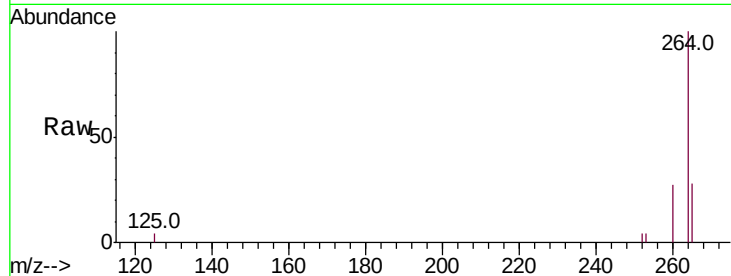




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BE098621.D
 Acq: 15 Jan 2019 10:56

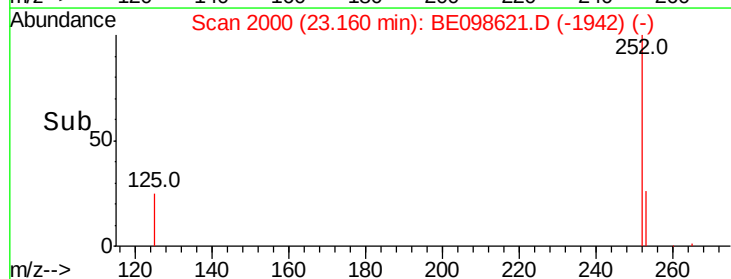
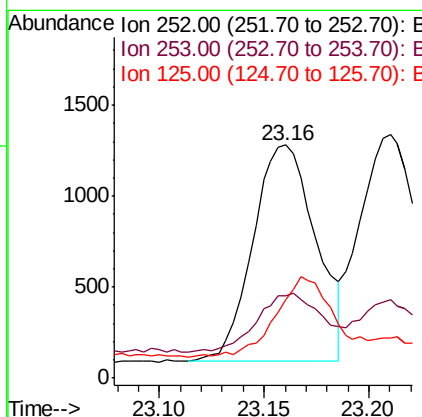
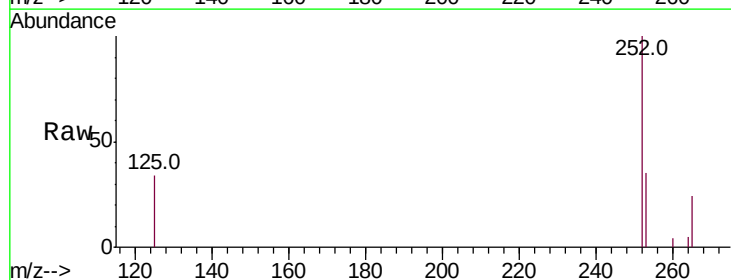
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

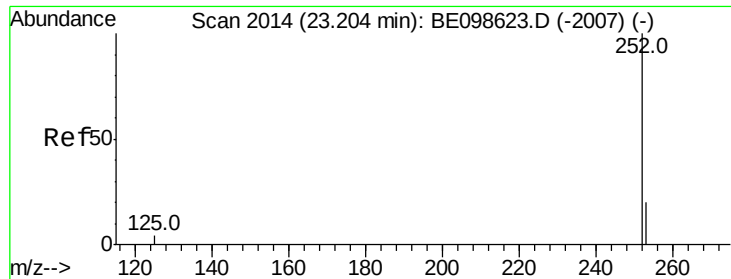
Tot Ion:264 Resp: 8964
 Ion Ratio Lower Upper
 264 100
 260 26.6 20.5 30.7
 265 28.2 22.3 33.5



#35
 Benzo(b)fluoranthene
 Concen: 0.102 ng
 RT: 23.16 min Scan# 2000
 Delta R.T. 0.01 min
 Lab File: BE098621.D
 Acq: 15 Jan 2019 10:56

Tgt Ion:252 Resp: 2495
 Ion Ratio Lower Upper
 252 100
 253 35.1 19.4 29.0#
 125 33.7 8.2 12.4#

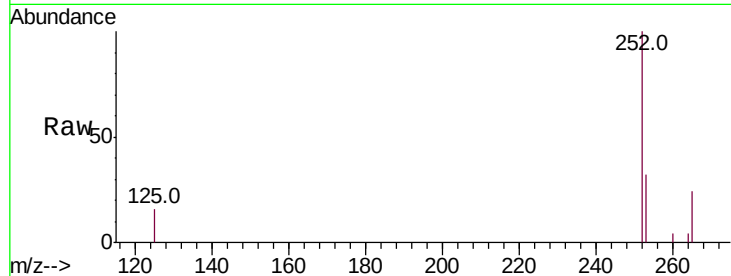




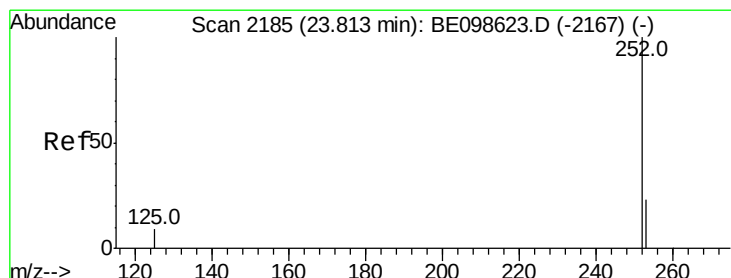
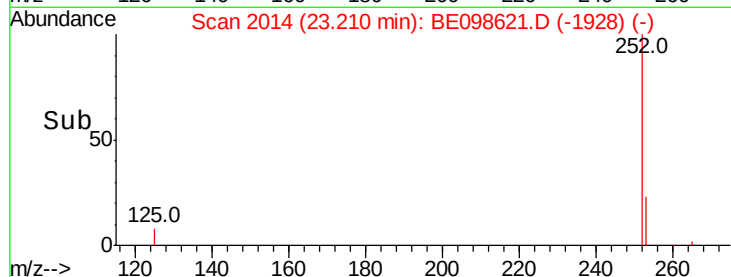
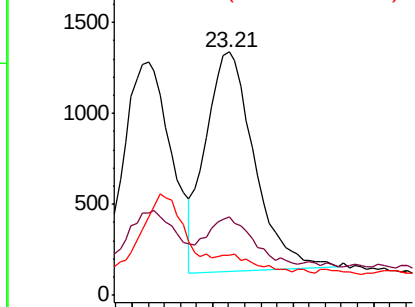
#36
Benzo(k)fluoranthene
Concen: 0.089 ng
RT: 23.21 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BE098621.D
Acq: 15 Jan 2019 10:56

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:252 Resp: 2538
Ion Ratio Lower Upper
252 100
253 32.4 19.0 28.4#
125 16.4 7.0 10.4#

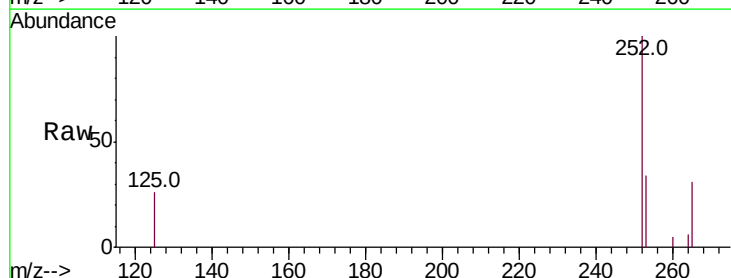


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

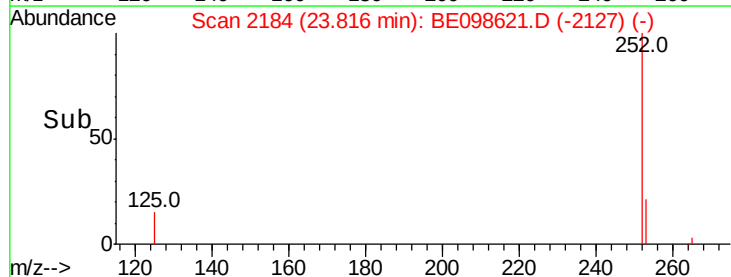
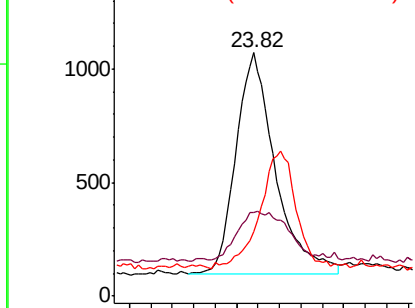


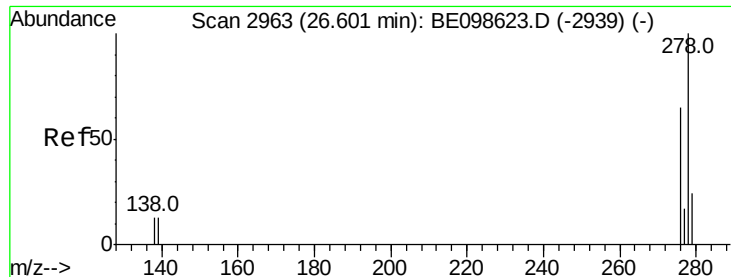
#37
Benzo(a)pyrene
Concen: 0.098 ng
RT: 23.82 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BE098621.D
Acq: 15 Jan 2019 10:56

Tgt Ion:252 Resp: 2473
Ion Ratio Lower Upper
252 100
253 34.1 21.0 31.4#
125 26.5 9.2 13.8#



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

Dibenzo(a,h)anthracene

Concen: 0.081 ng

RT: 26.60 min Scan# 2961

Delta R.T. 0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

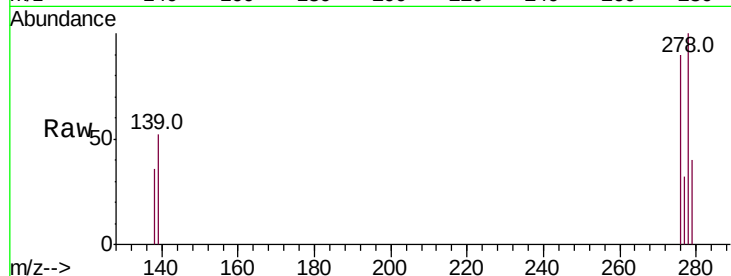
Tot Ion:278 Resp: 1926

Ion Ratio Lower Upper

278 100

139 51.5 12.7 19.1#

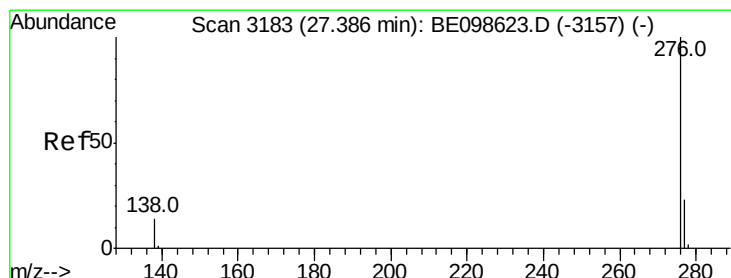
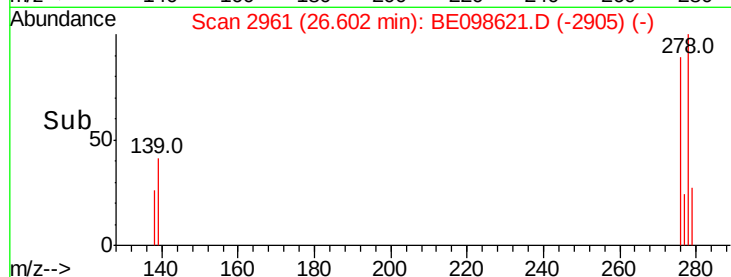
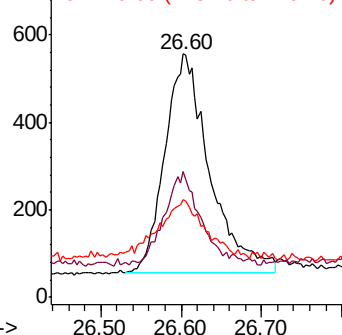
279 40.2 22.0 33.0#



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: 0.097 ng

RT: 27.39 min Scan# 3182

Delta R.T. 0.00 min

Lab File: BE098621.D

Acq: 15 Jan 2019 10:56

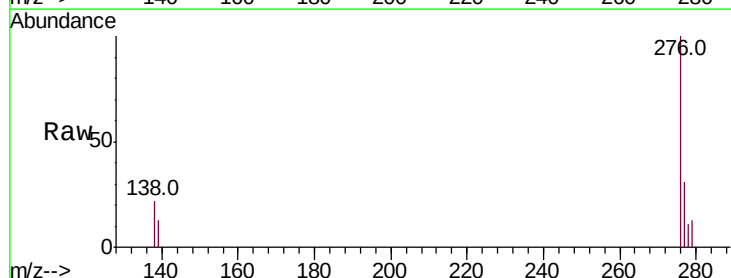
Tgt Ion:276 Resp: 2337

Ion Ratio Lower Upper

276 100

277 31.2 20.3 30.5#

138 22.3 13.3 19.9#



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

