

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE121018\
 Data File : BE098294.D
 Acq On : 10 Dec 2018 11:51
 Operator : SJ/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Quant Time: Dec 10 13:12:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 13:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1914	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	8097	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	4987	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	11772	0.40	ng	0.00
27) Chrysene-d12	21.46	240	11620	0.40	ng	0.00
34) Perylene-d12	24.01	264	11657	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.46	112	847	0.17	ng	0.01
5) Phenol-d6	7.04	99	1177	0.16	ng	0.00
8) Nitrobenzene-d5	9.03	82	1451	0.18	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	2689	0.20	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	334	0.14	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	4730	0.23	ng	0.00
25) Fluoranthene-d10	19.31	212	27346	0.17	ng	0.00
29) Terphenyl-d14	19.91	244	5414	0.21	ng	0.00

Target Compounds

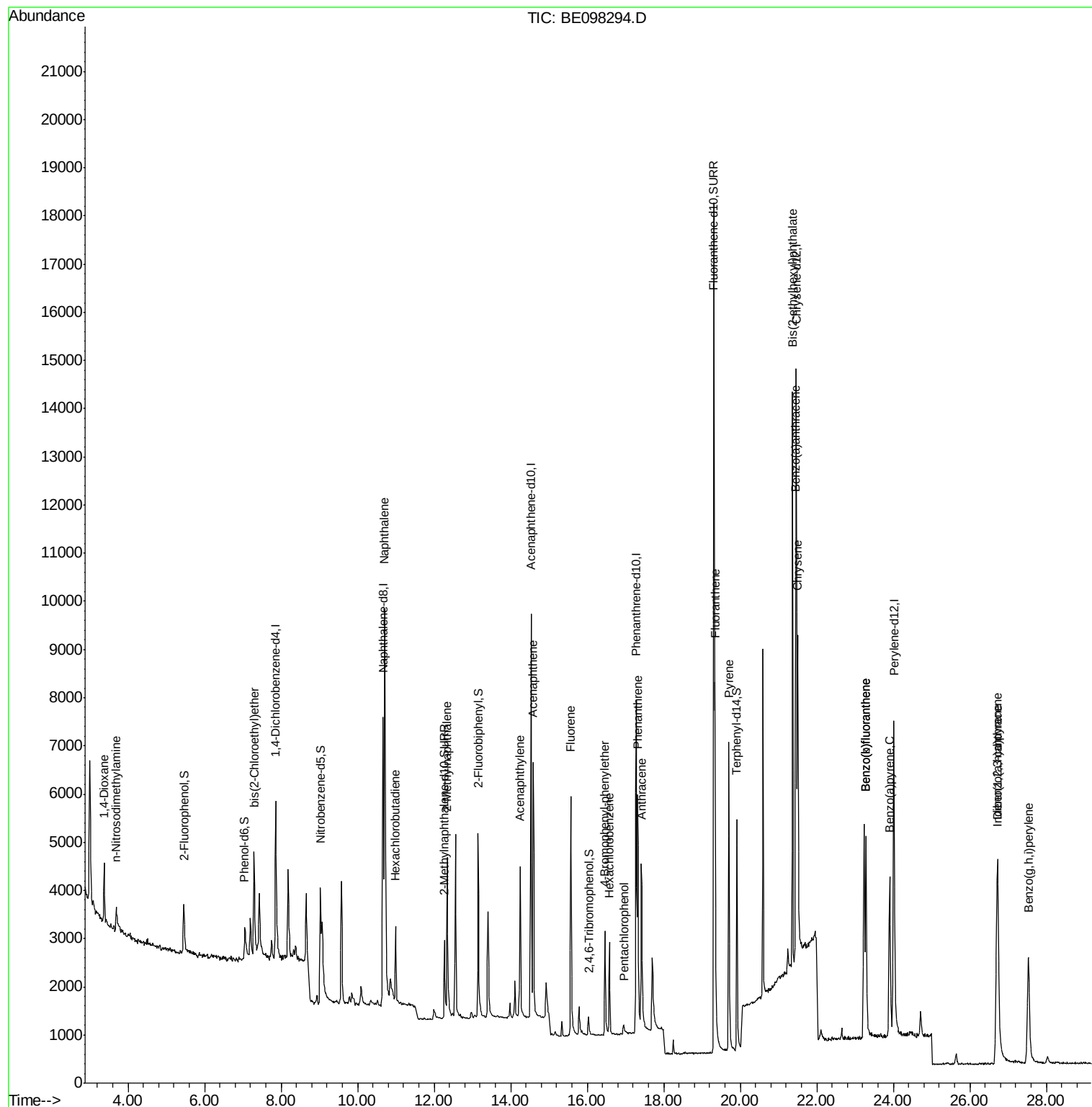
						Qvalue
2) 1,4-Dioxane	3.37	88	703	0.198	ng	97
3) n-Nitrosodimethylamine	3.69	42	509	0.139	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	1149	0.173	ng	91
9) Naphthalene	10.70	128	16767	0.206	ng	99
10) Hexachlorobutadiene	10.99	225	1091	0.209	ng	99
12) 2-Methylnaphthalene	12.34	142	2711	0.201	ng	97
16) Acenaphthylene	14.24	152	4712	0.202	ng	99
17) Acenaphthene	14.59	154	2839	0.205	ng	99
18) Fluorene	15.57	166	3710	0.202	ng	100
20) 4-Bromophenyl-phenylether	16.46	248	1326	0.199	ng	95
21) Hexachlorobenzene	16.58	284	1482	0.215	ng	95
22) Pentachlorophenol	16.95	266	202	0.090	ng	# 88
23) Phenanthrene	17.32	178	5756	0.197	ng	99
24) Anthracene	17.41	178	4875	0.179	ng	100
26) Fluoranthene	19.34	202	6877	0.172	ng	100
28) Pyrene	19.71	202	6936	0.215	ng	100
30) Benzo(a)anthracene	21.45	228	6541	0.191	ng	98
31) Chrysene	21.50	228	7223	0.208	ng	97
32) Bis(2-ethylhexyl)phthalate	21.37	149	12653	0.154	ng	100
33) Indeno(1,2,3-cd)pyrene	26.71	276	7557	0.215	ng	99
35) Benzo(b)fluoranthene	23.28	252	7587	0.222	ng	98
36) Benzo(k)fluoranthene	23.28	252	7587	0.211	ng	96
37) Benzo(a)pyrene	23.90	252	6666	0.202	ng	# 94
38) Dibenzo(a,h)anthracene	26.73	278	6288	0.201	ng	# 94
39) Benzo(g,h,i)perylene	27.53	276	6245	0.200	ng	96

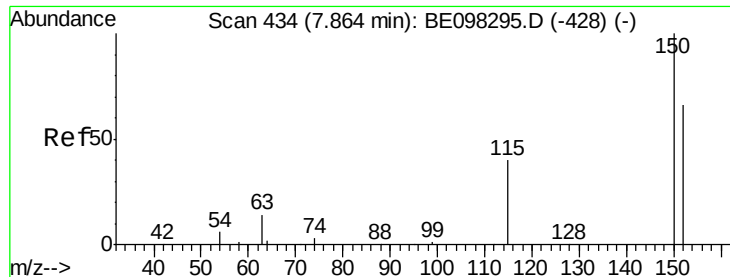
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE121018\
Data File : BE098294.D
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Misc :
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Instrument :
BNA_E
ClientSampled :
SSTDICC0.2

Quant Time: Dec 10 13:12:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 13:04:34 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098294.D

Acq: 10 Dec 2018 11:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

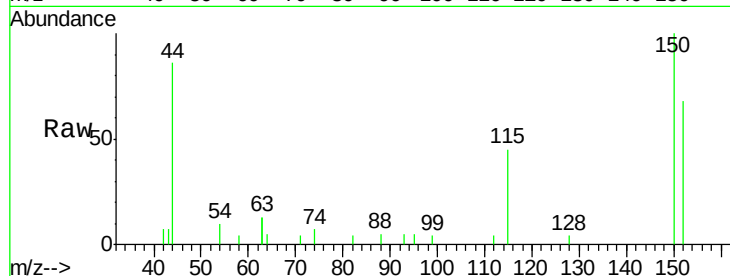
Tgt Ion:152 Resp: 1914

Ion Ratio Lower Upper

152 100

150 146.6 124.2 186.4

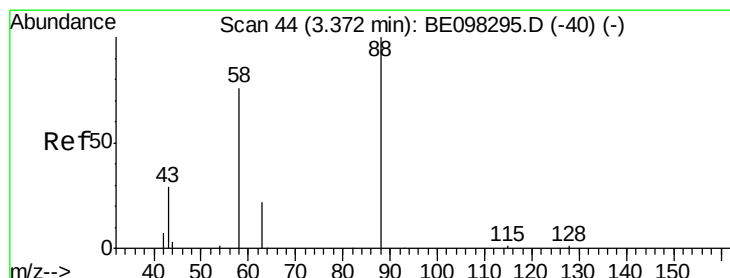
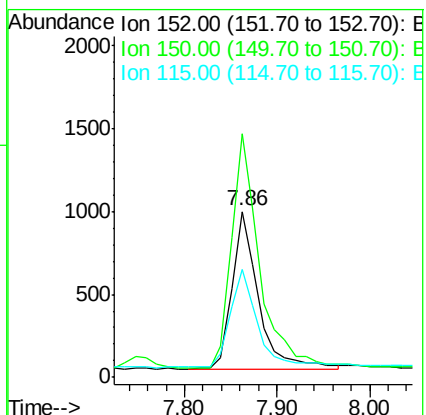
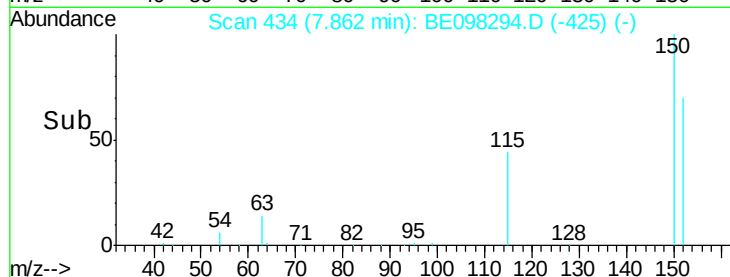
115 65.3 53.9 80.9



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: 0.198 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098294.D

Acq: 10 Dec 2018 11:51

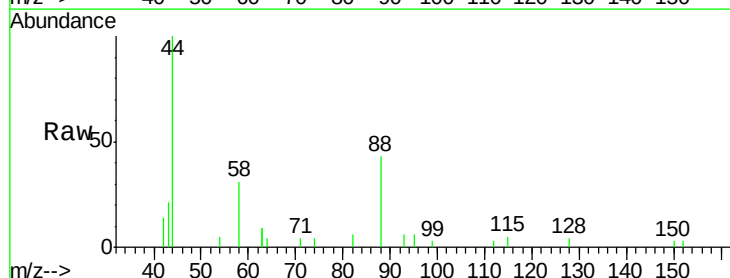
Tgt Ion: 88 Resp: 703

Ion Ratio Lower Upper

88 100

58 92.5 75.0 112.6

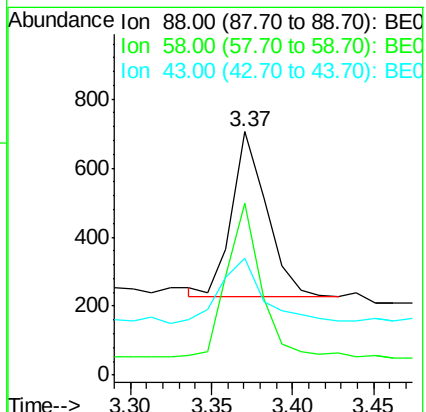
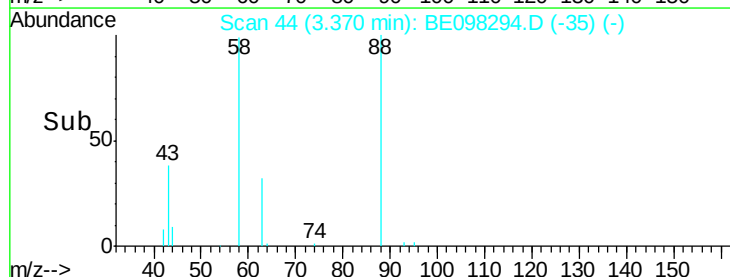
43 52.1 38.3 57.5

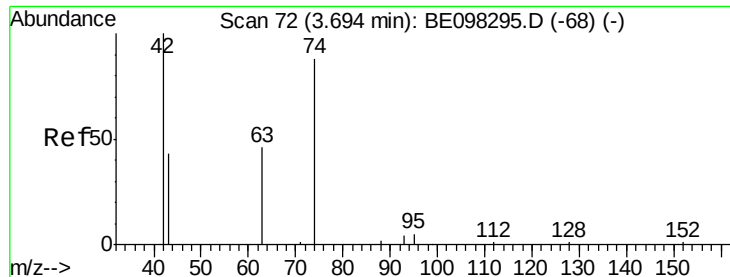


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.139 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE098294.D

Acq: 10 Dec 2018 11:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

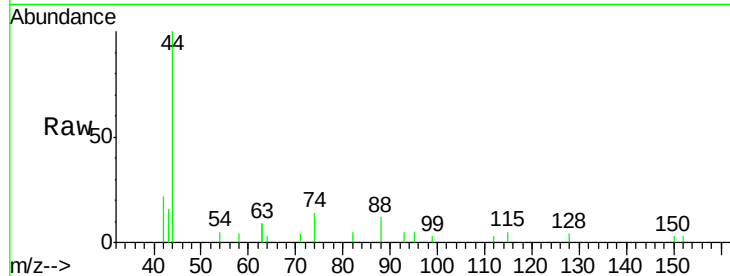
Tgt Ion: 42 Resp: 509

Ion Ratio Lower Upper

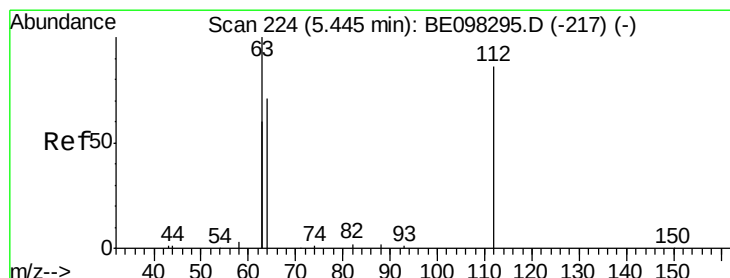
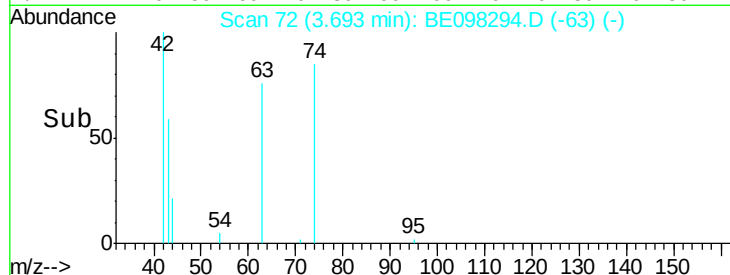
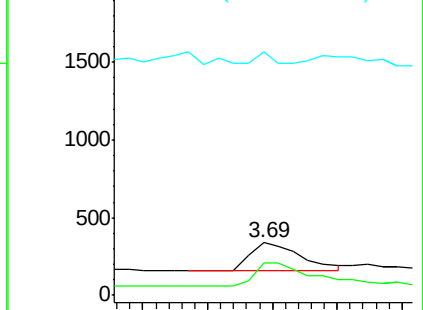
42 100

74 88.6 0.0 0.0#

44 9.0 0.0 0.0#



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: 0.166 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098294.D

Acq: 10 Dec 2018 11:51

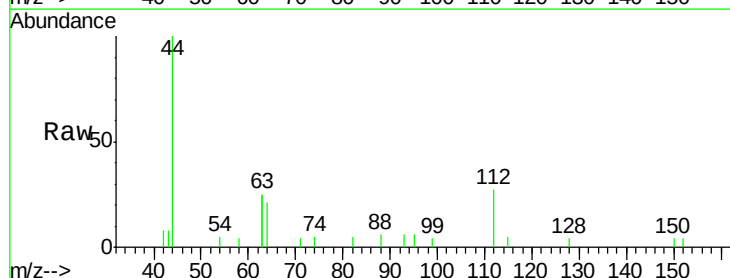
Tgt Ion: 112 Resp: 847

Ion Ratio Lower Upper

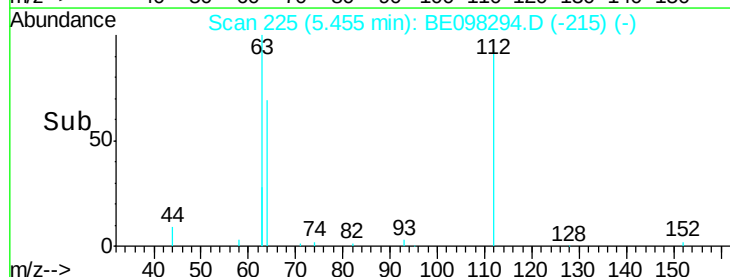
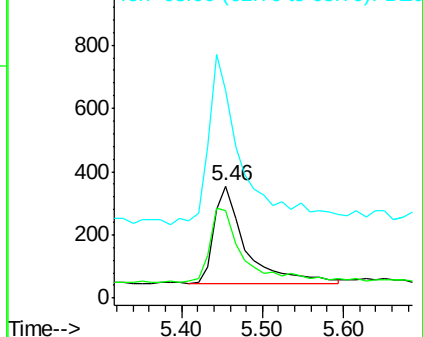
112 100

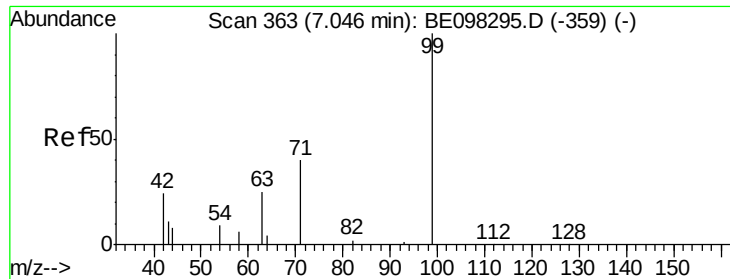
64 78.6 59.8 89.8

63 190.1 133.7 200.5



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: 0.163 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098294.D

Acq: 10 Dec 2018 11:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

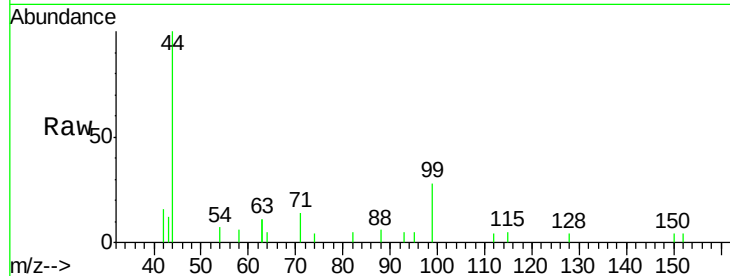
Tgt Ion: 99 Resp: 1177

Ion Ratio Lower Upper

99 100

42 30.7 26.3 39.5

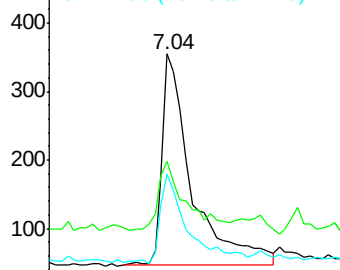
71 39.4 33.6 50.4



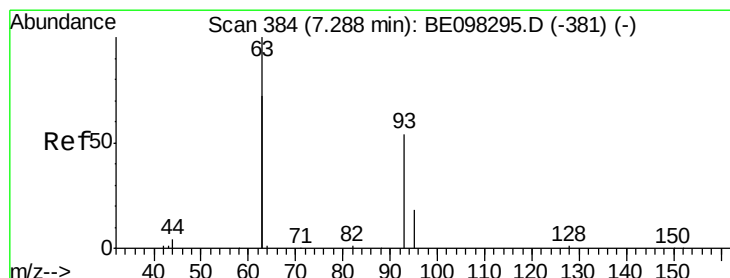
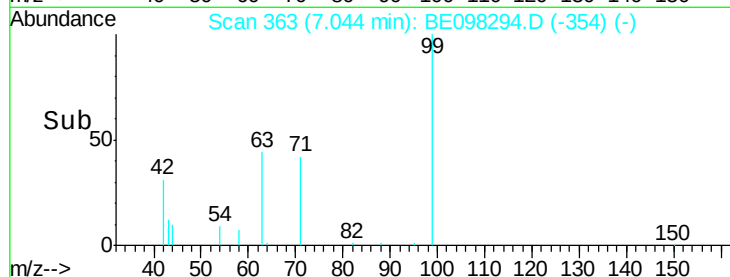
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.173 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098294.D

Acq: 10 Dec 2018 11:51

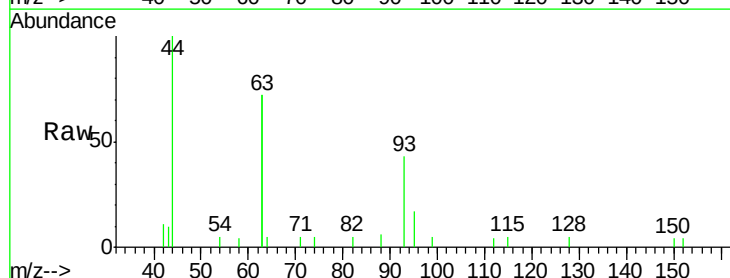
Tgt Ion: 93 Resp: 1149

Ion Ratio Lower Upper

93 100

63 309.0 264.4 396.6

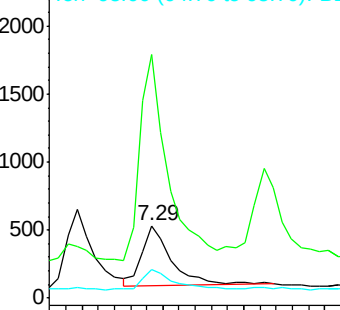
95 34.1 26.6 40.0



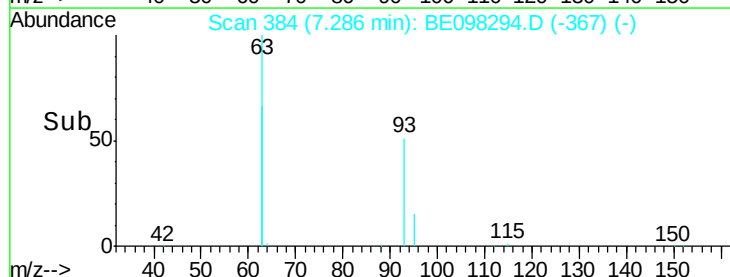
Abundance Ion 93.00 (92.70 to 93.70): BE0

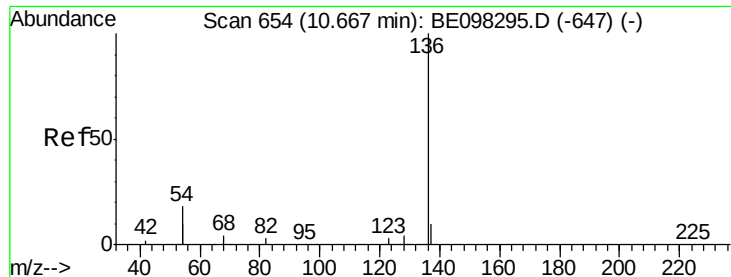
Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098294.D

Acq: 10 Dec 2018 11:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

Tgt Ion: 136 Resp: 8097

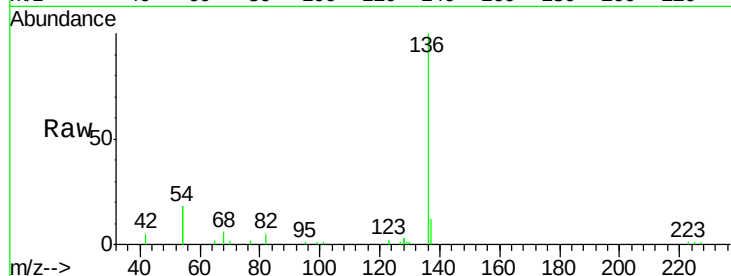
Ion Ratio Lower Upper

136 100

137 12.3 9.2 13.8

54 36.5 28.4 42.6

68 5.9 5.4 8.0

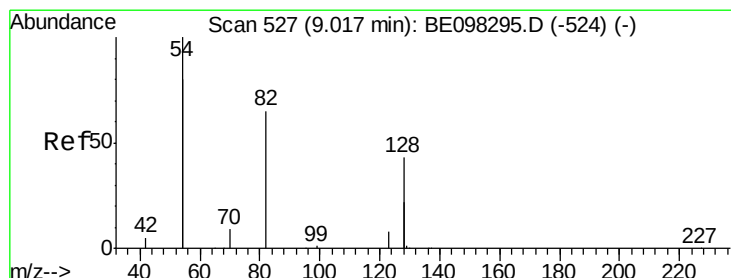
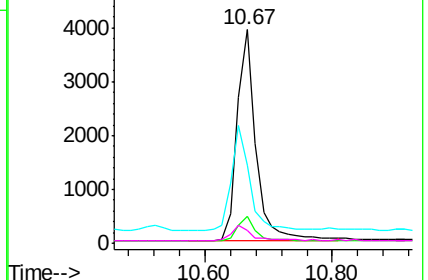
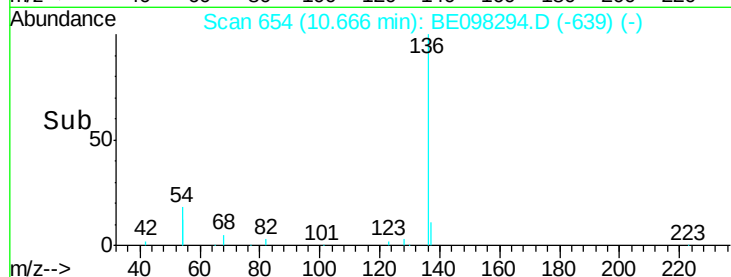


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.177 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098294.D

Acq: 10 Dec 2018 11:51

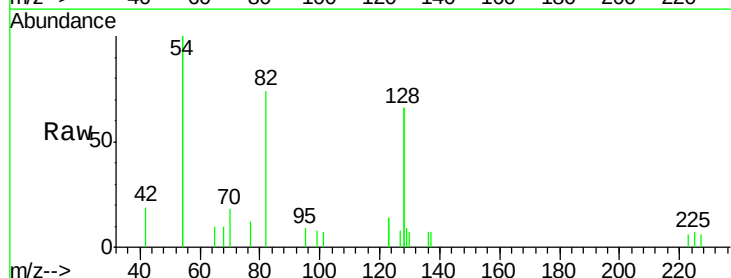
Tgt Ion: 82 Resp: 1451

Ion Ratio Lower Upper

82 100

128 179.3 102.4 153.6#

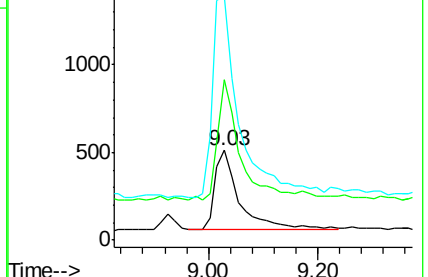
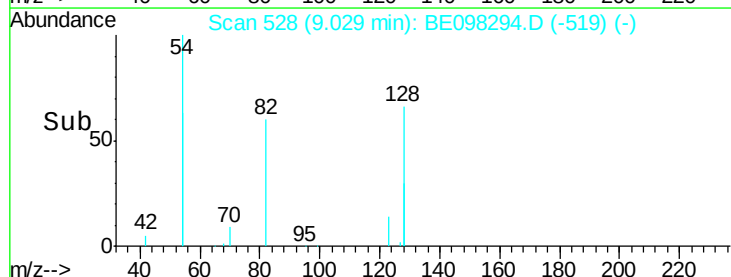
54 271.5 221.8 332.8

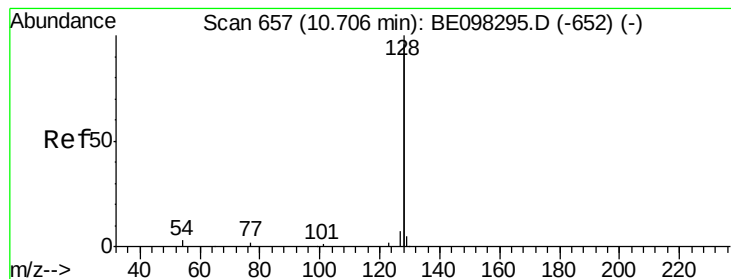


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.206 ng

RT: 10.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE098294.D

Acq: 10 Dec 2018 11:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

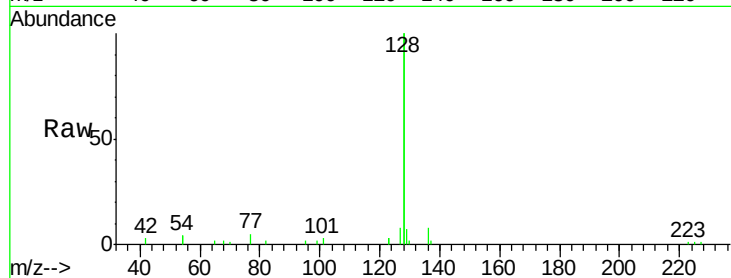
Tgt Ion:128 Resp: 16767

Ion Ratio Lower Upper

128 100

129 3.4 2.5 3.7

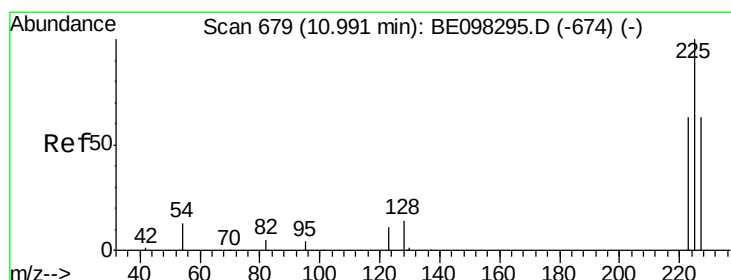
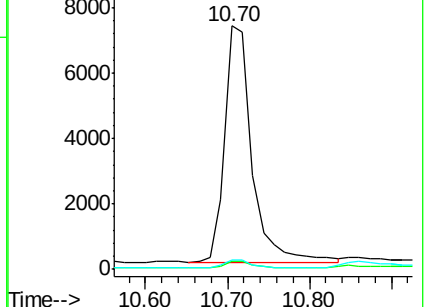
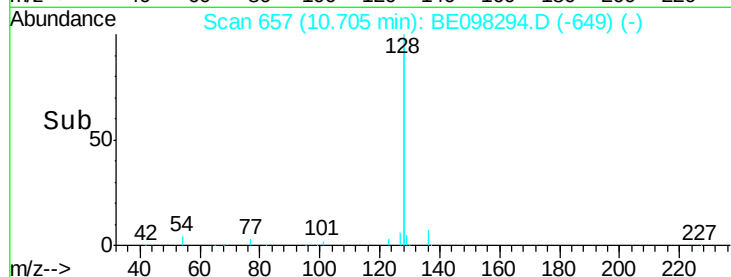
127 3.9 2.7 4.1



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: 0.209 ng

RT: 10.99 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE098294.D

Acq: 10 Dec 2018 11:51

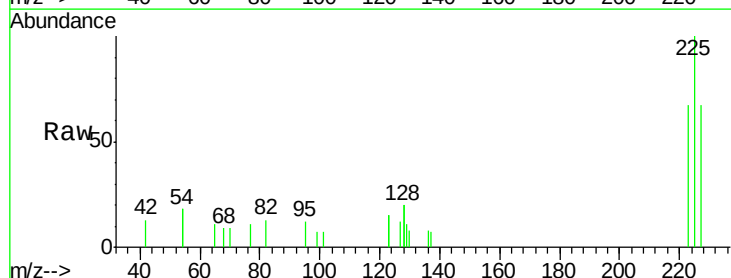
Tgt Ion:225 Resp: 1091

Ion Ratio Lower Upper

225 100

223 63.0 49.4 74.0

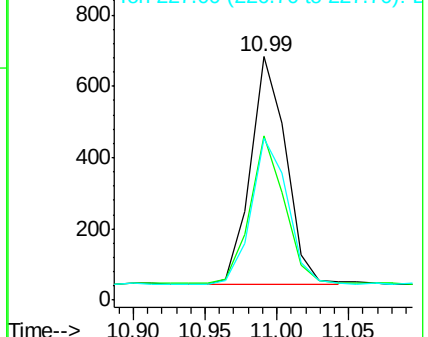
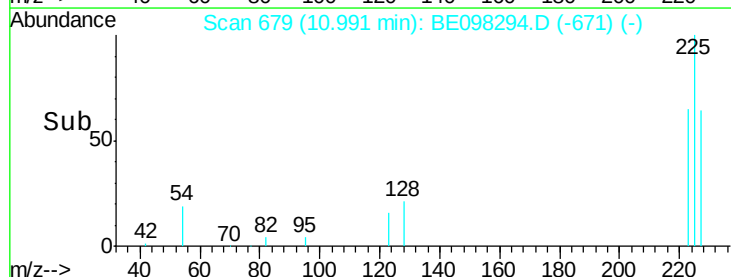
227 65.7 52.0 78.0

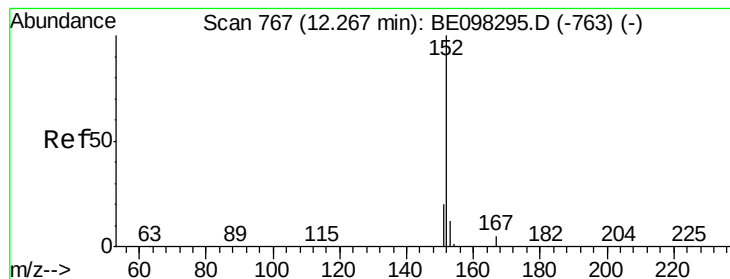


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.205 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098294.D

Acq: 10 Dec 2018 11:51

Instrument :

BNA_E

ClientSampleId :

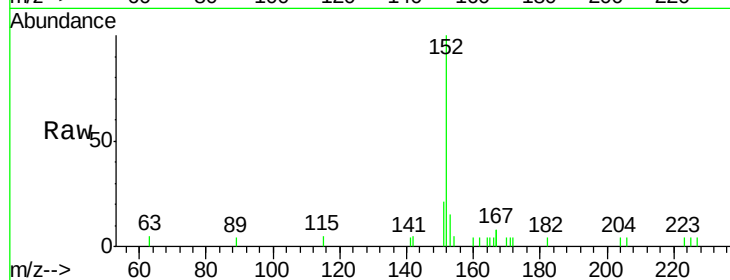
SSTDICC0.2

Tgt Ion:152 Resp: 2689

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.27

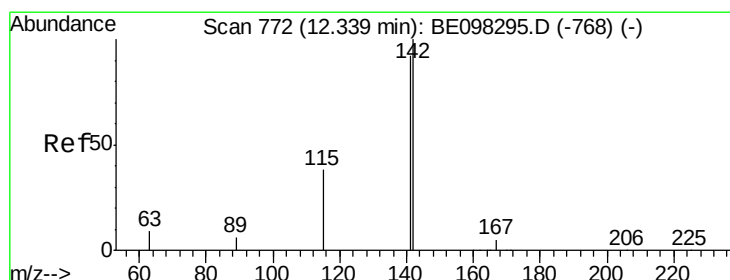
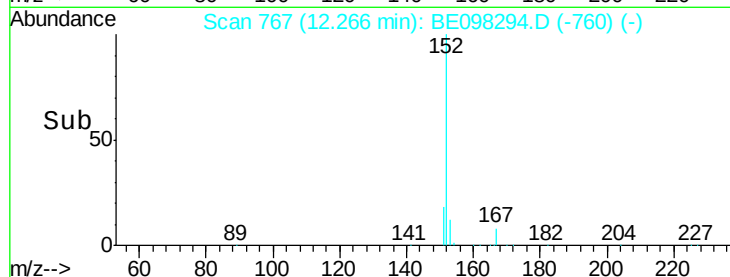
1000

500

0

12.20 12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.201 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE098294.D

Acq: 10 Dec 2018 11:51

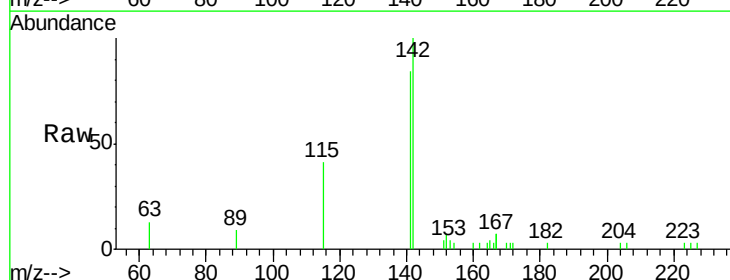
Tgt Ion:142 Resp: 2711

Ion Ratio Lower Upper

142 100

141 84.3 71.0 106.6

115 40.6 32.2 48.2



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

12.34

2000

1500

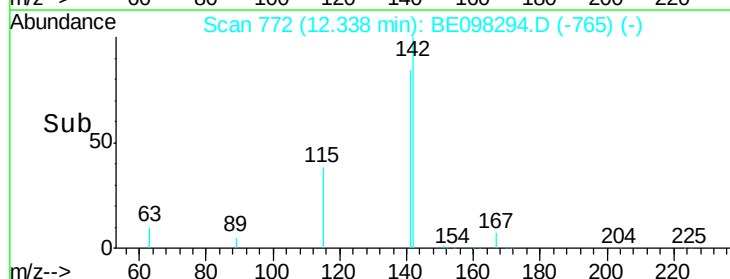
1000

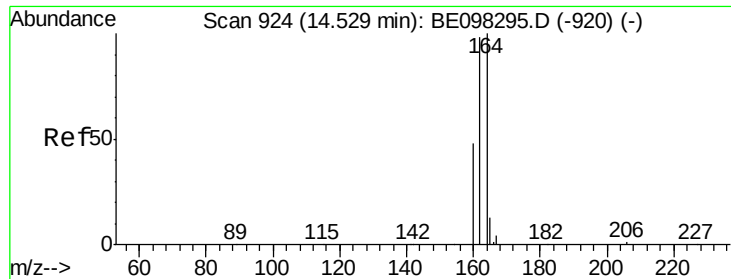
500

0

12.30 12.40

Time-->

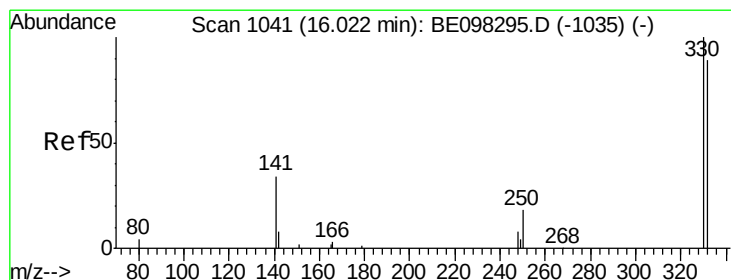
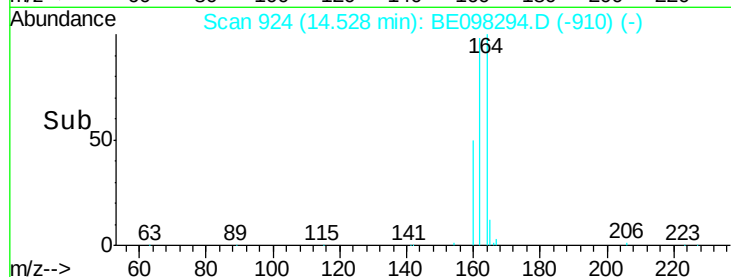
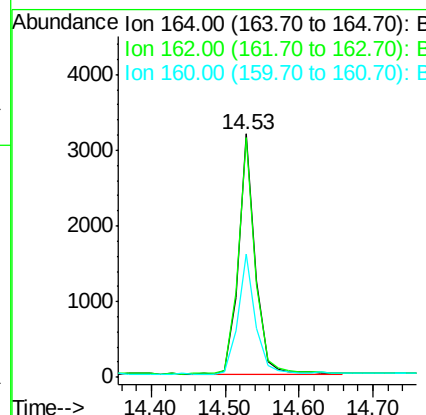
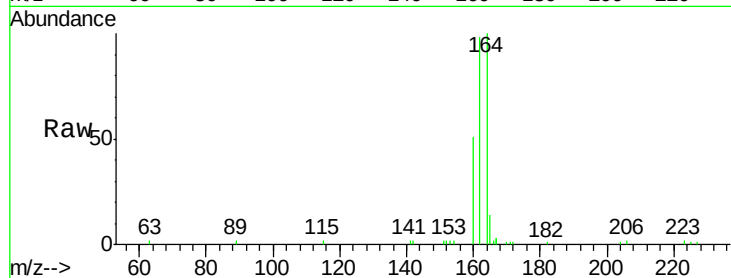




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098294.D
Acq: 10 Dec 2018 11:51

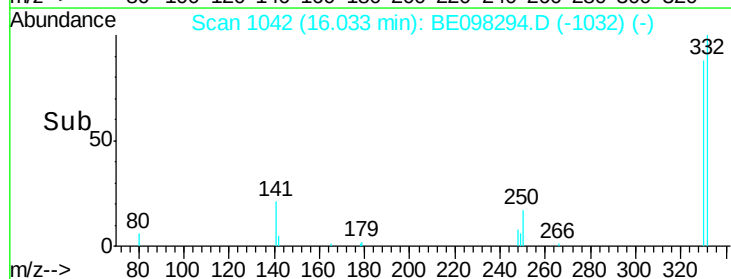
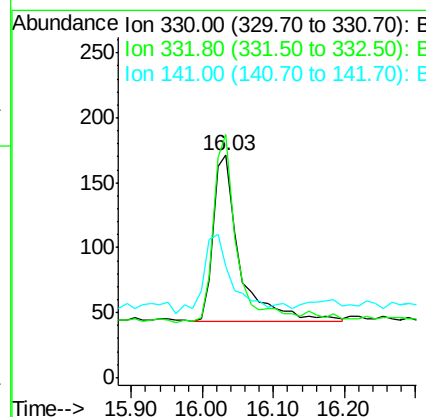
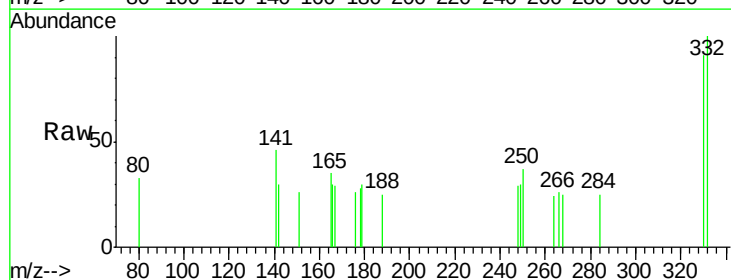
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

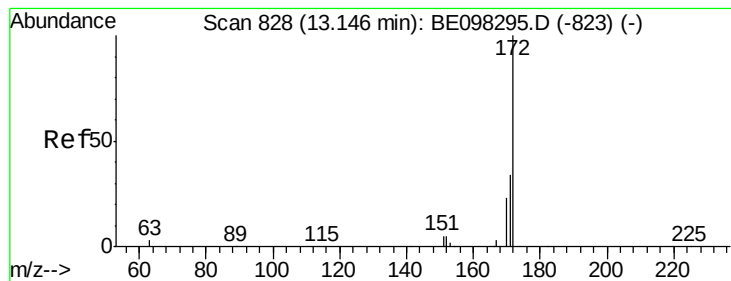
Tgt Ion:164 Resp: 4987
Ion Ratio Lower Upper
164 100
162 98.4 77.6 116.4
160 50.5 36.0 54.0



#14
2,4,6-Tribromophenol
Concen: 0.141 ng
RT: 16.03 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BE098294.D
Acq: 10 Dec 2018 11:51

Tgt Ion:330 Resp: 334
Ion Ratio Lower Upper
330 100
332 100.0 76.2 114.4
141 52.4 39.0 58.4





#15

2-Fluorobiphenyl

Concen: 0.229 ng

RT: 13.15 min Scan# 828

Delta R.T. -0.00 min

Lab File: BE098294.D

Acq: 10 Dec 2018 11:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.2

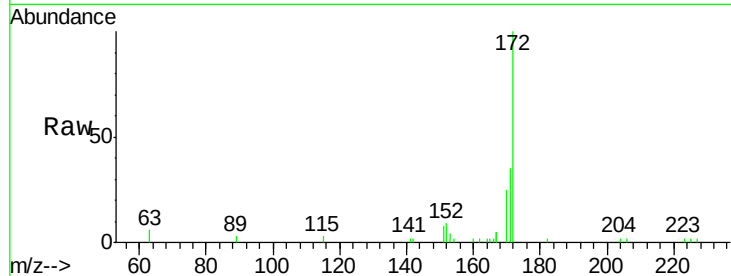
Tgt Ion:172 Resp: 4730

Ion Ratio Lower Upper

172 100

171 34.7 27.5 41.3

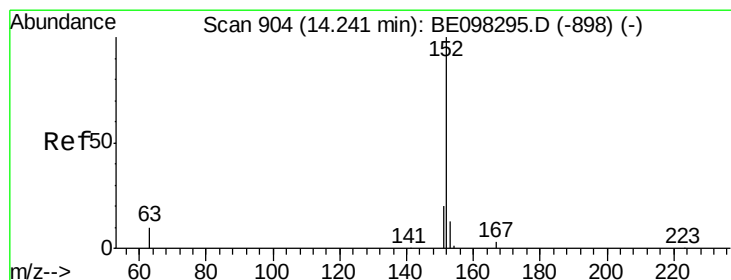
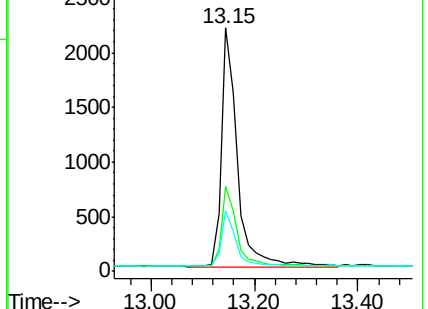
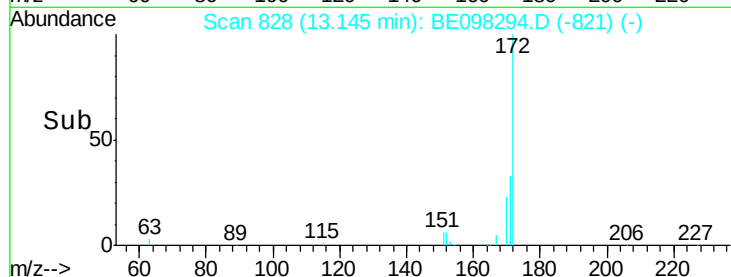
170 24.8 19.6 29.4



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: 0.202 ng

RT: 14.24 min Scan# 904

Delta R.T. -0.00 min

Lab File: BE098294.D

Acq: 10 Dec 2018 11:51

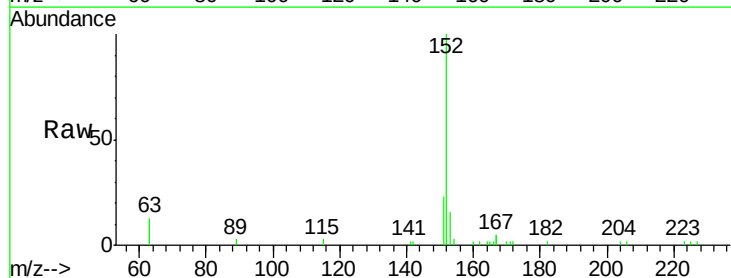
Tgt Ion:152 Resp: 4712

Ion Ratio Lower Upper

152 100

151 20.3 15.5 23.3

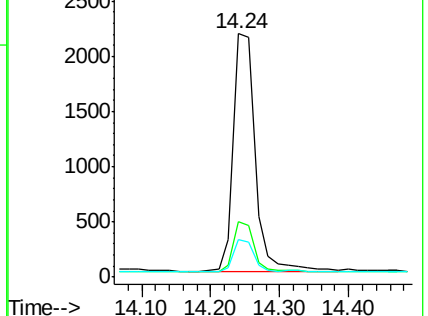
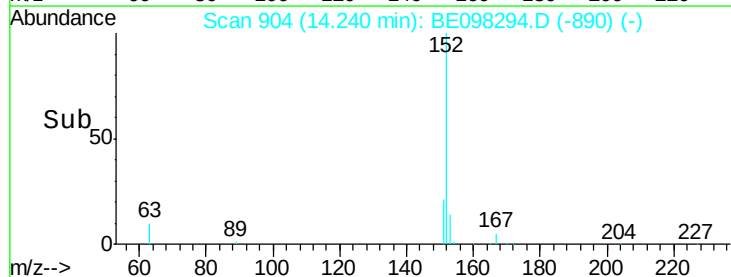
153 13.1 10.6 16.0

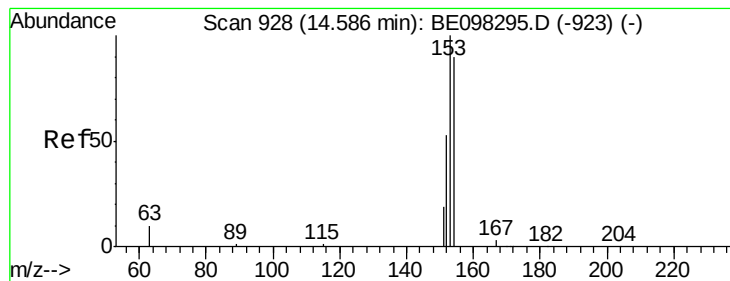


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.205 ng

RT: 14.59 min Scan# 928

Delta R.T. -0.00 min

Lab File: BE098294.D

Acq: 10 Dec 2018 11:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

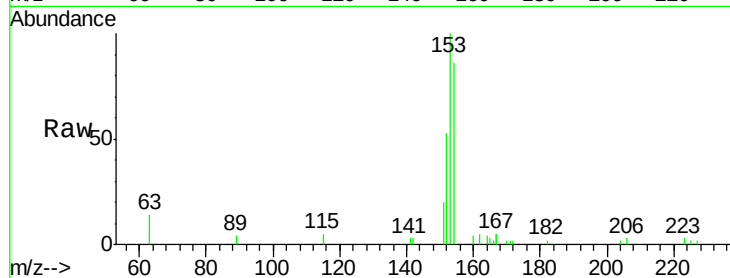
Tgt Ion:154 Resp: 2839

Ion Ratio Lower Upper

154 100

153 115.3 91.8 137.6

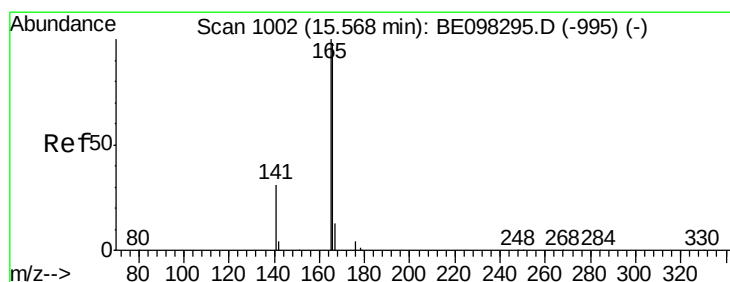
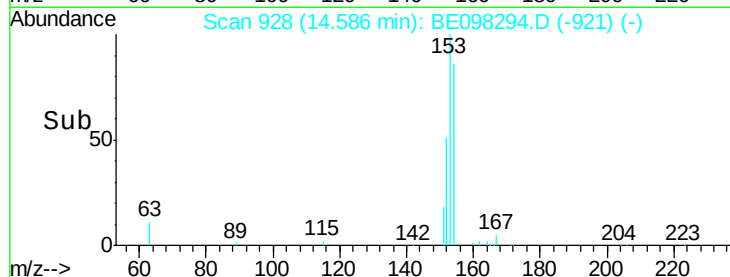
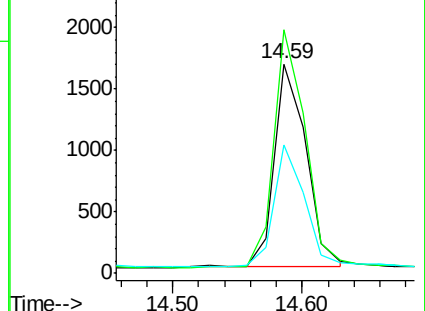
152 58.3 45.5 68.3



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: 0.202 ng

RT: 15.57 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BE098294.D

Acq: 10 Dec 2018 11:51

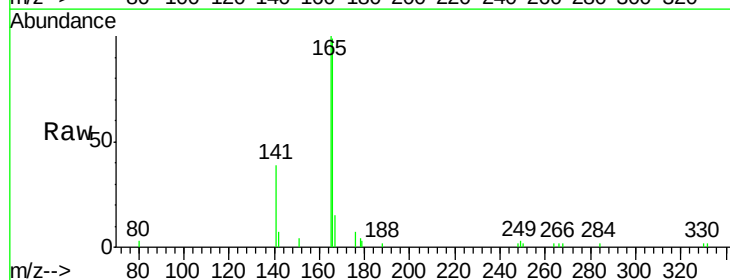
Tgt Ion:166 Resp: 3710

Ion Ratio Lower Upper

166 100

165 98.8 79.3 118.9

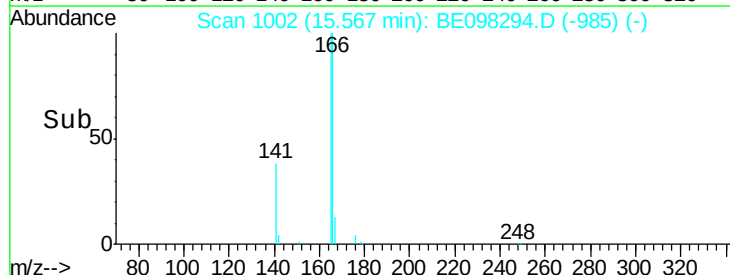
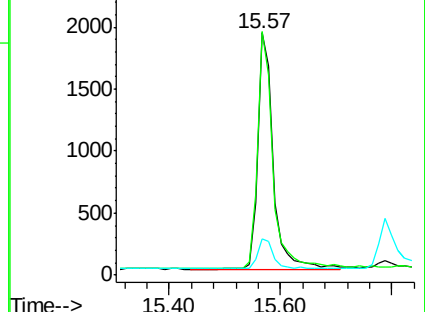
167 13.3 11.3 16.9

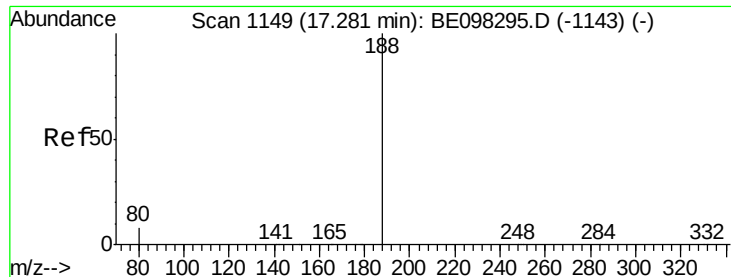


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098294.D

Acq: 10 Dec 2018 11:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

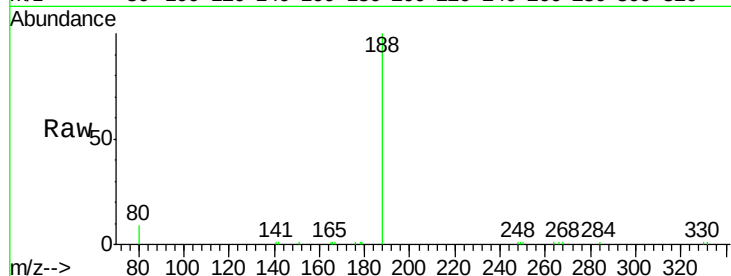
Tgt Ion:188 Resp: 11772

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

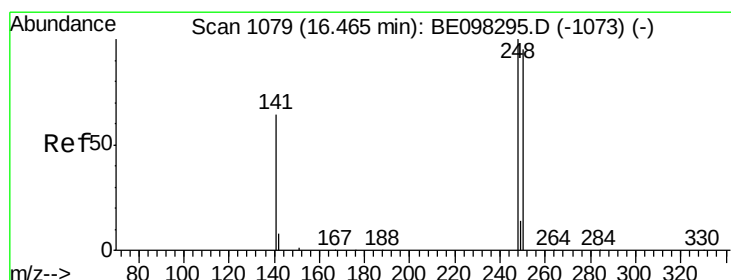
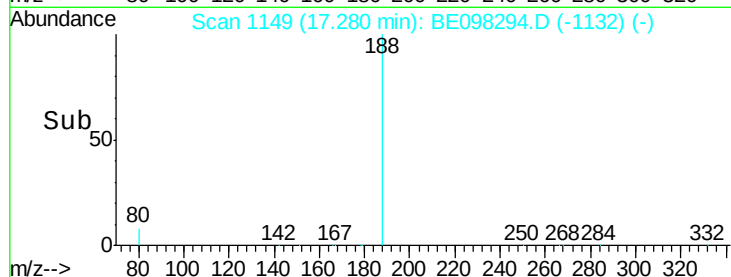
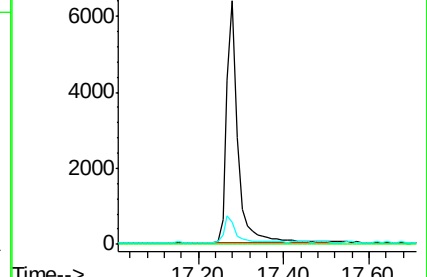
80 8.9 7.2 10.8



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: 0.199 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098294.D

Acq: 10 Dec 2018 11:51

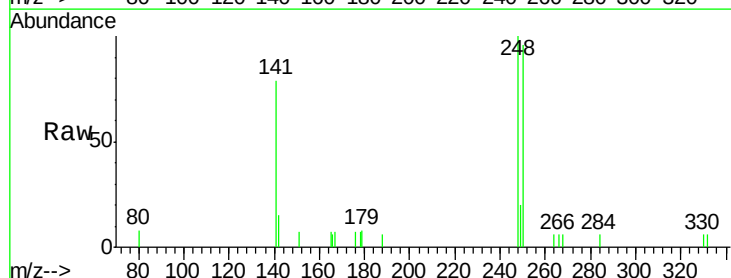
Tgt Ion:248 Resp: 1326

Ion Ratio Lower Upper

248 100

250 96.1 71.0 106.6

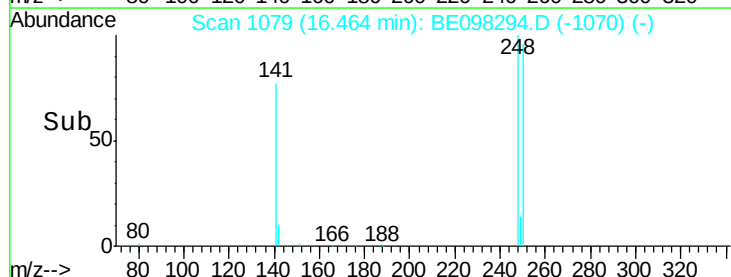
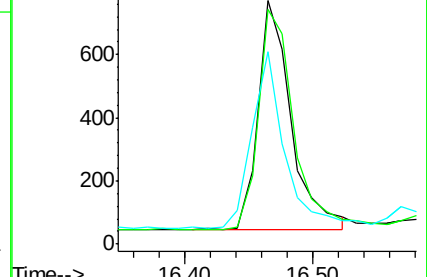
141 79.2 62.1 93.1

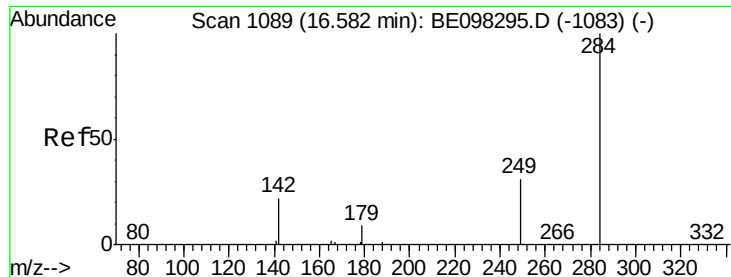


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.215 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE098294.D

Acq: 10 Dec 2018 11:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

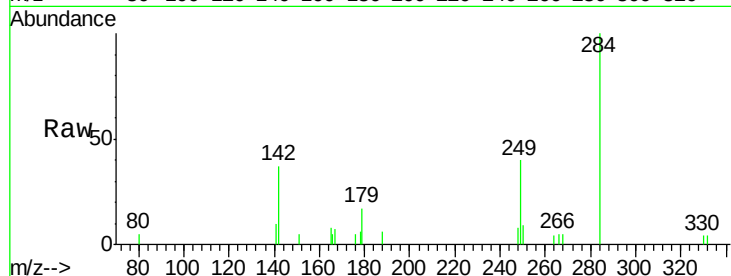
Tgt Ion:284 Resp: 1482

Ion Ratio Lower Upper

284 100

142 37.6 26.3 39.5

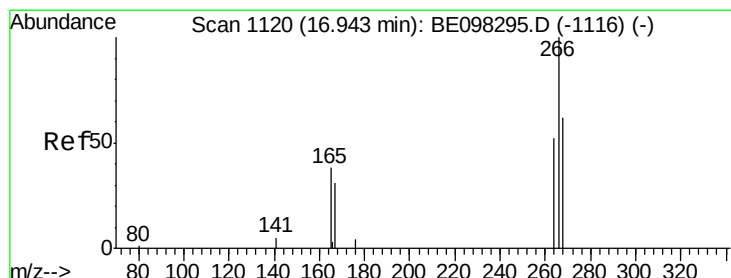
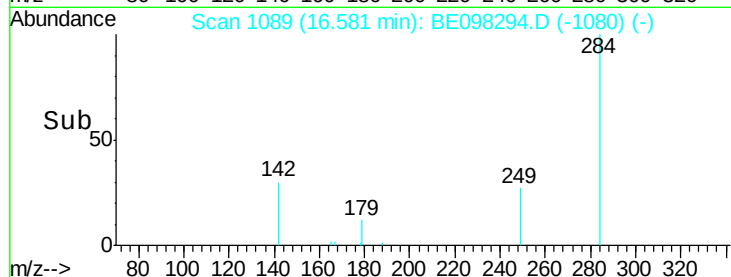
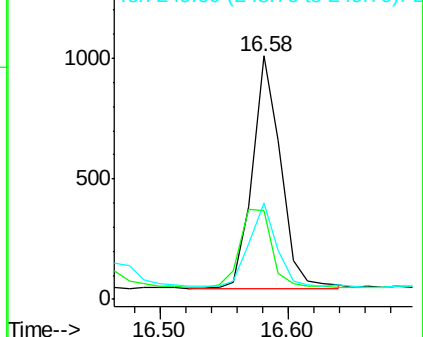
249 33.6 26.0 39.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.090 ng

RT: 16.95 min Scan# 1121

Delta R.T. 0.01 min

Lab File: BE098294.D

Acq: 10 Dec 2018 11:51

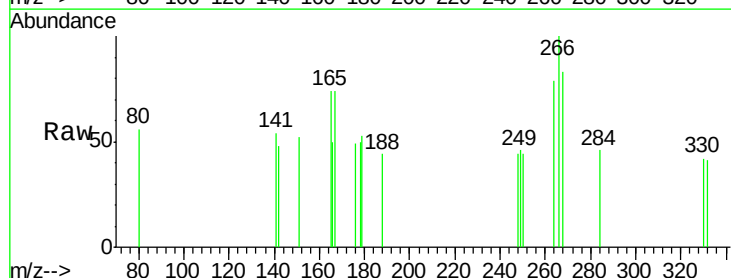
Tgt Ion:266 Resp: 202

Ion Ratio Lower Upper

266 100

264 79.2 59.0 88.4

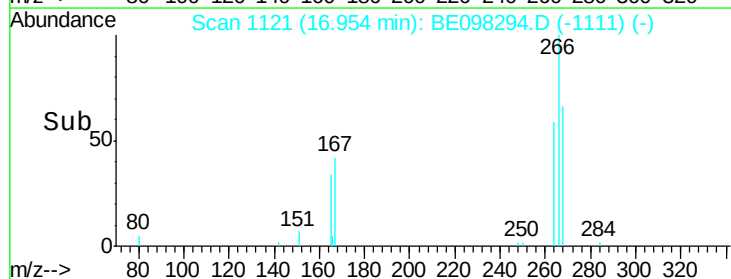
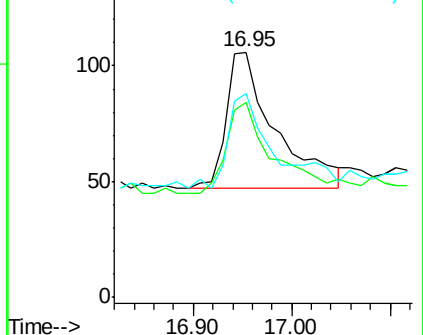
268 83.0 55.1 82.7#

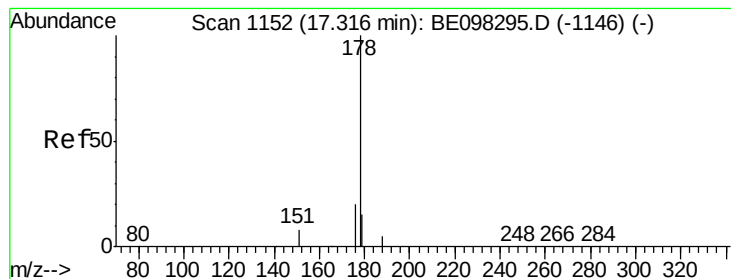


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.197 ng

RT: 17.32 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098294.D

Acq: 10 Dec 2018 11:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

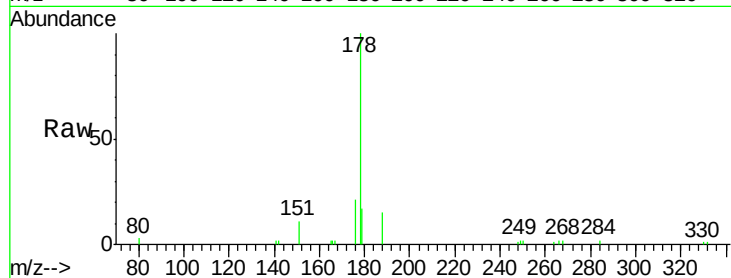
Tgt Ion:178 Resp: 5756

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

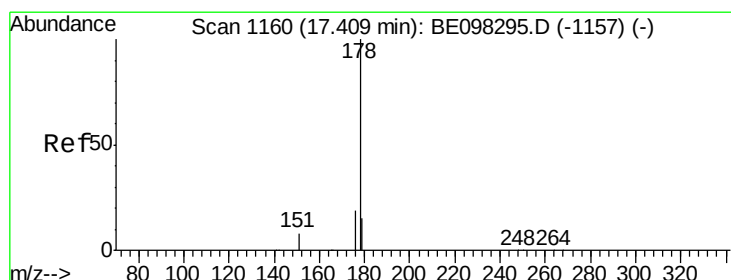
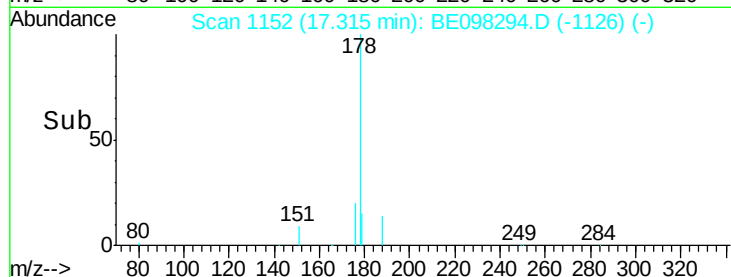
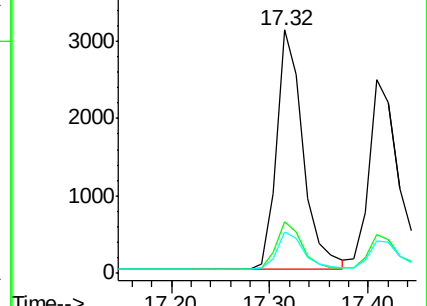
179 16.1 12.3 18.5



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: 0.179 ng

RT: 17.41 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BE098294.D

Acq: 10 Dec 2018 11:51

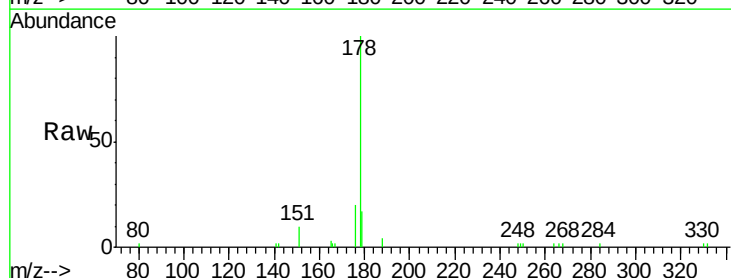
Tgt Ion:178 Resp: 4875

Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.4

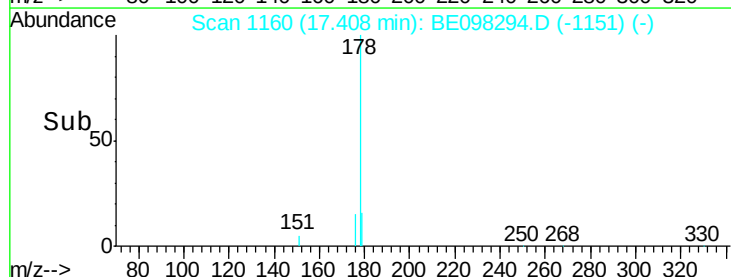
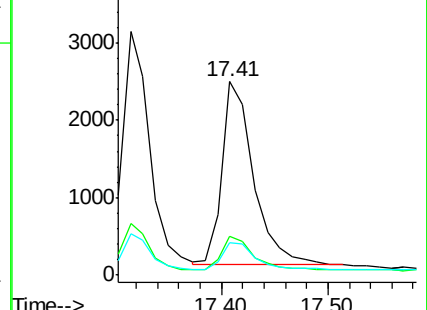
179 15.4 12.3 18.5

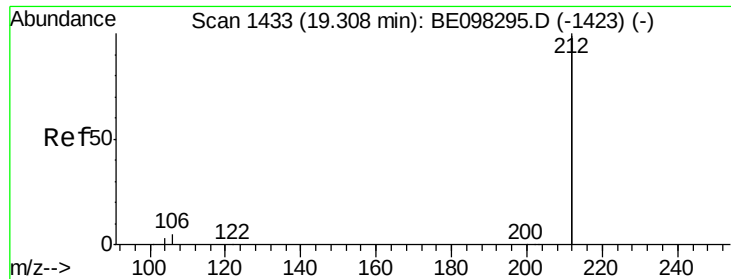


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

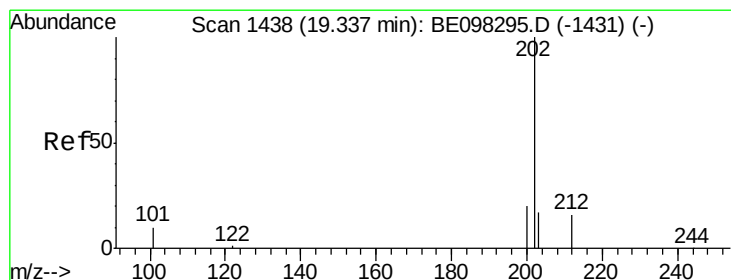
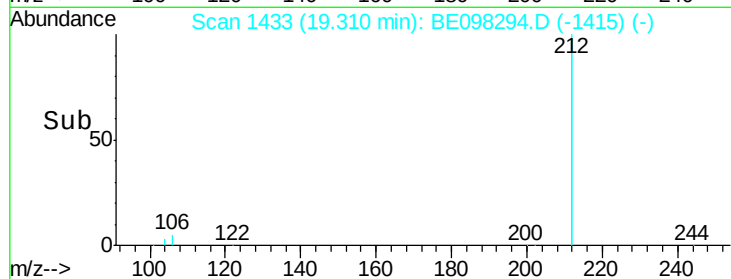
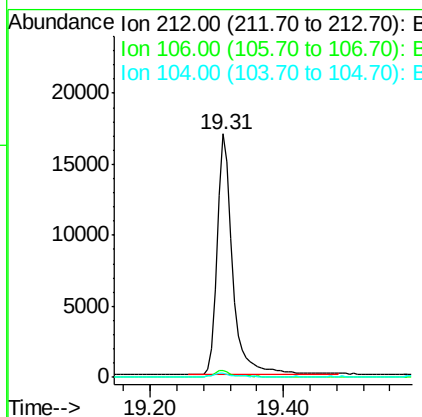
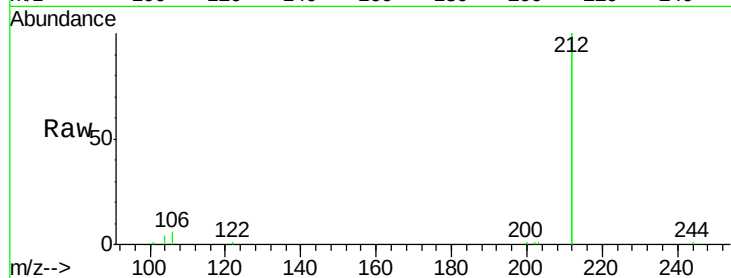




#25
 Fluoranthene-d10
 Concen: 0.172 ng
 RT: 19.31 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BE098294.D
 Acq: 10 Dec 2018 11:51

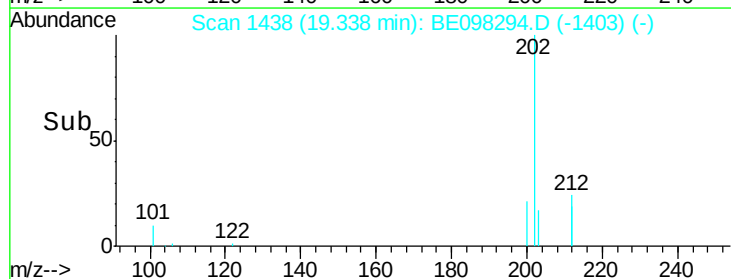
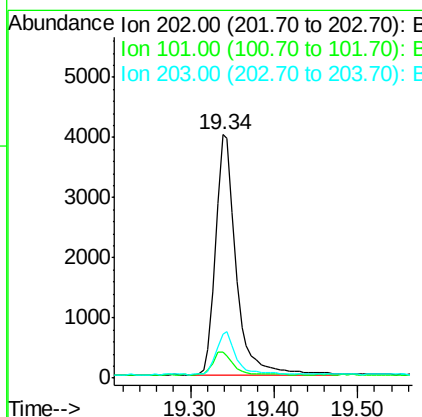
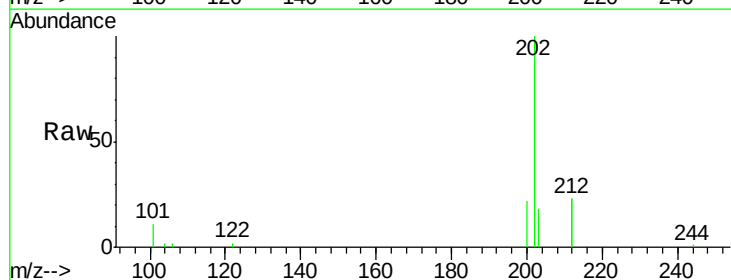
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

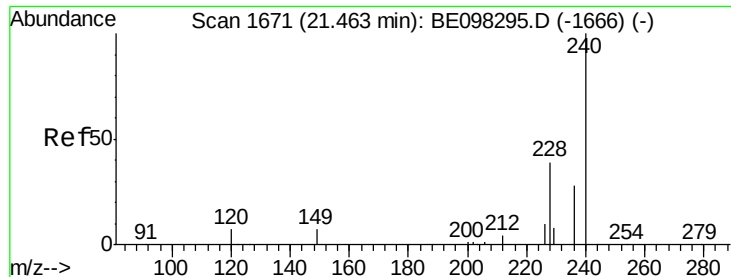
Tgt Ion: 212 Resp: 27346
 Ion Ratio Lower Upper
 212 100
 106 2.6 2.2 3.2
 104 1.5 1.3 1.9



#26
 Fluoranthene
 Concen: 0.172 ng
 RT: 19.34 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BE098294.D
 Acq: 10 Dec 2018 11:51

Tgt Ion: 202 Resp: 6877
 Ion Ratio Lower Upper
 202 100
 101 9.9 8.0 12.0
 203 17.0 13.8 20.6

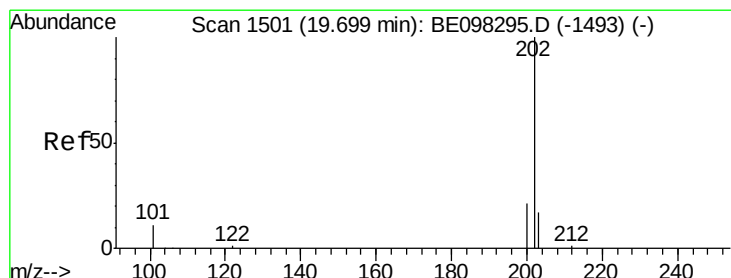
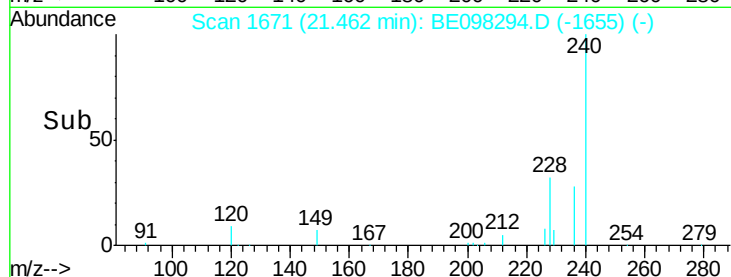
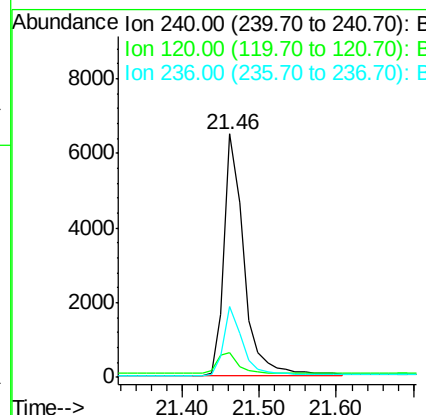
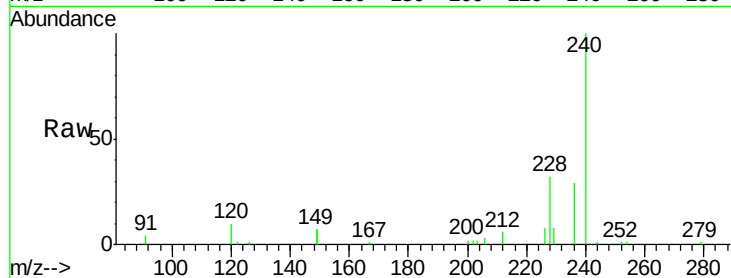




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098294.D
 Acq: 10 Dec 2018 11:51

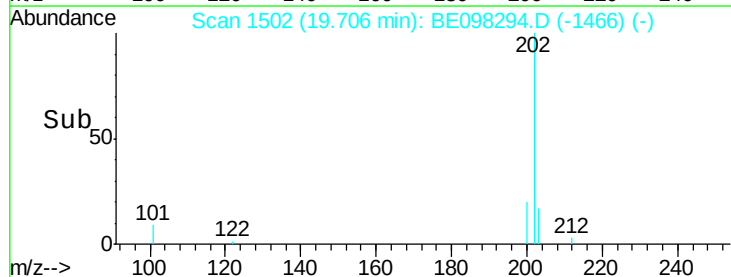
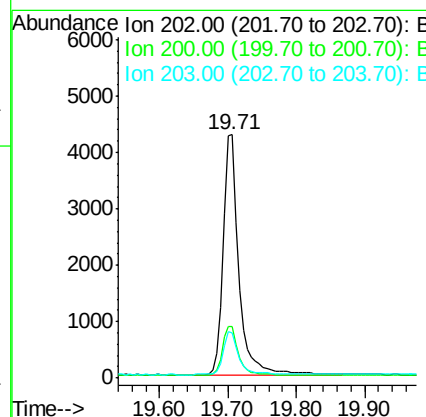
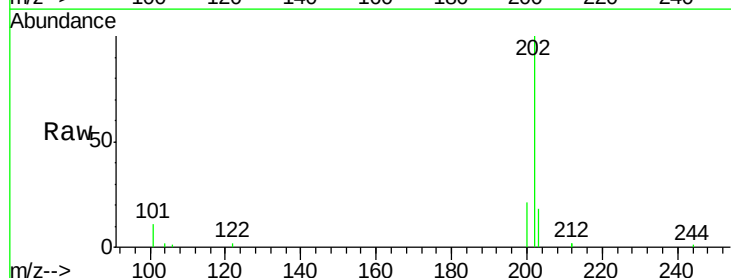
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

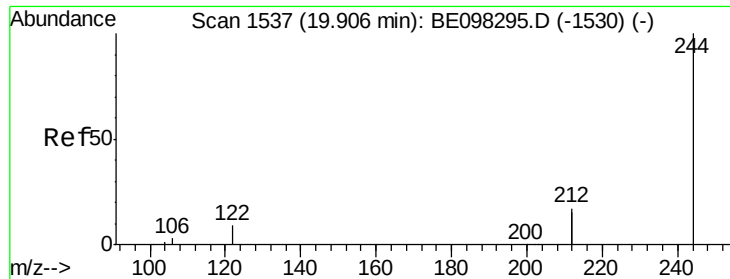
Tgt Ion:240 Resp: 11620
 Ion Ratio Lower Upper
 240 100
 120 10.4 9.5 14.3
 236 29.0 22.7 34.1



#28
 Pyrene
 Concen: 0.215 ng
 RT: 19.71 min Scan# 1502
 Delta R.T. 0.01 min
 Lab File: BE098294.D
 Acq: 10 Dec 2018 11:51

Tgt Ion:202 Resp: 6936
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.7 25.1
 203 17.6 14.1 21.1





#29

Terphenyl-d14

Concen: 0.207 ng

RT: 19.91 min Scan# 1537

Delta R.T. 0.00 min

Lab File: BE098294.D

Acq: 10 Dec 2018 11:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

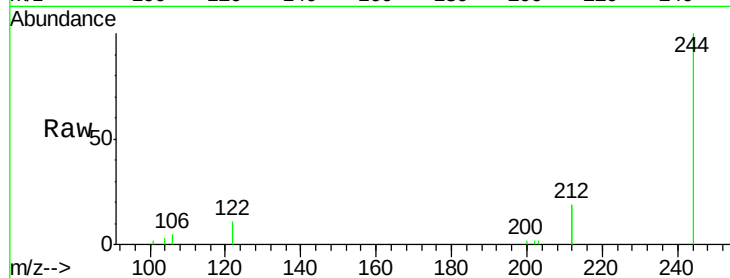
Tgt Ion:244 Resp: 5414

Ion Ratio Lower Upper

244 100

212 37.4 27.4 41.0

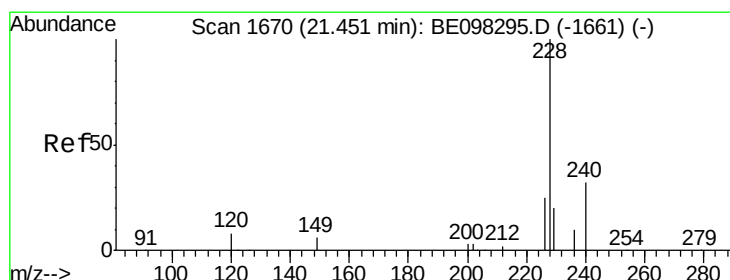
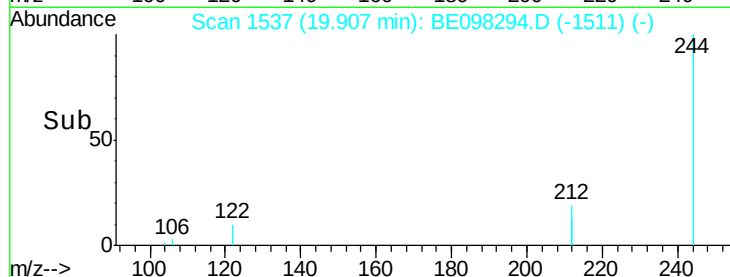
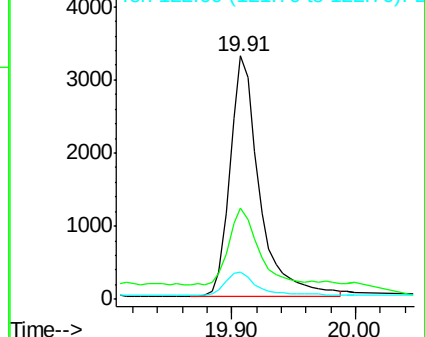
122 11.3 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.191 ng

RT: 21.45 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BE098294.D

Acq: 10 Dec 2018 11:51

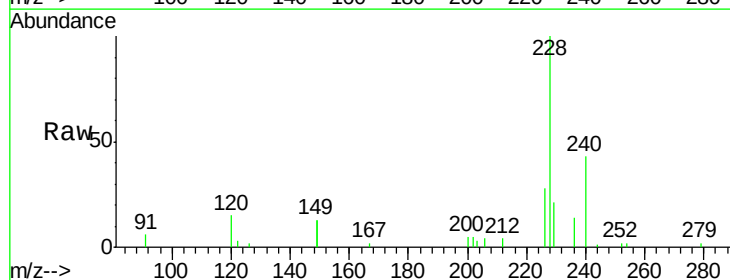
Tgt Ion:228 Resp: 6541

Ion Ratio Lower Upper

228 100

226 28.1 21.8 32.8

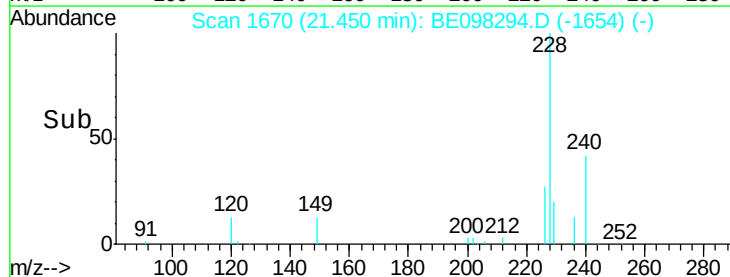
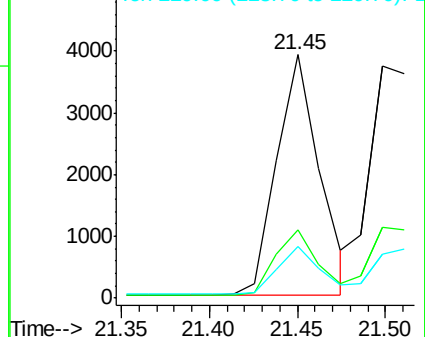
229 21.2 16.3 24.5

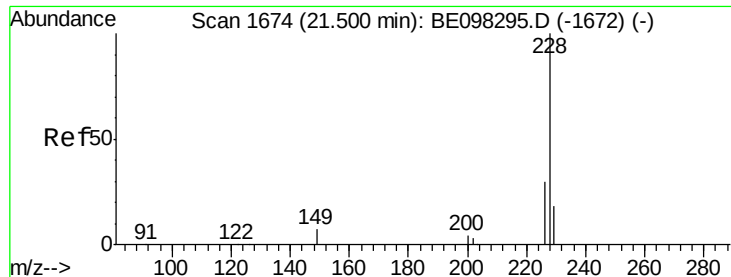


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.208 ng

RT: 21.50 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BE098294.D

Acq: 10 Dec 2018 11:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

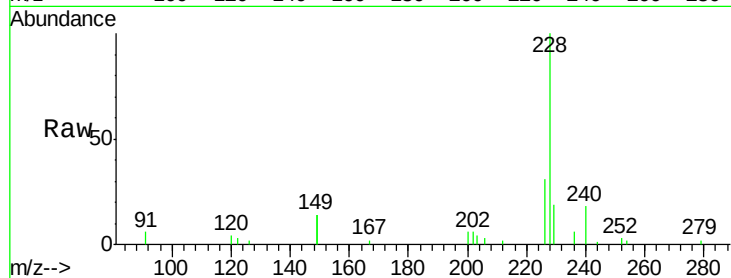
Tgt Ion:228 Resp: 7223

Ion Ratio Lower Upper

228 100

226 30.9 23.4 35.0

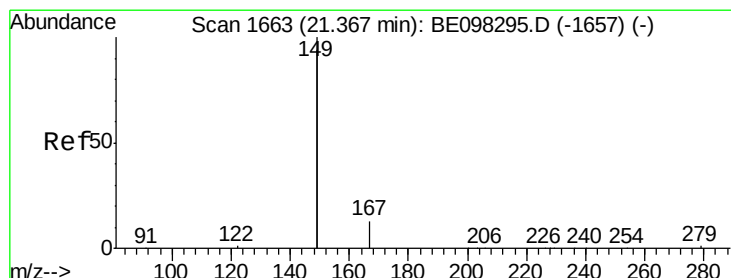
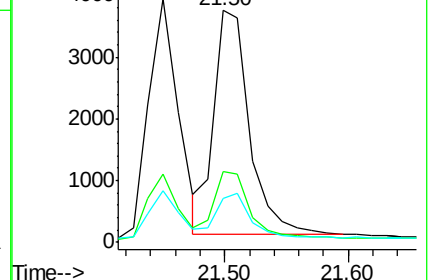
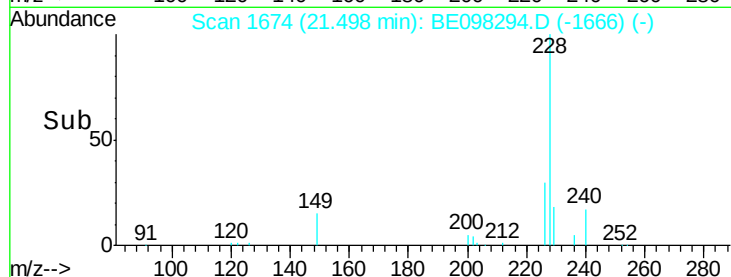
229 19.2 16.2 24.4



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: 0.154 ng

RT: 21.37 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BE098294.D

Acq: 10 Dec 2018 11:51

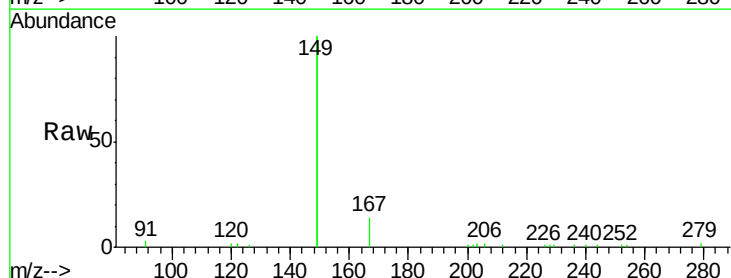
Tgt Ion:149 Resp: 12653

Ion Ratio Lower Upper

149 100

167 7.1 5.7 8.5

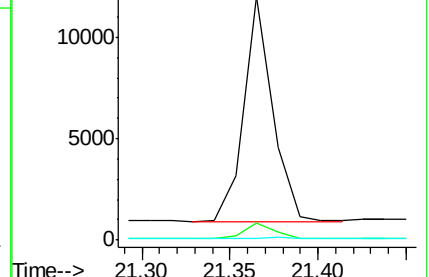
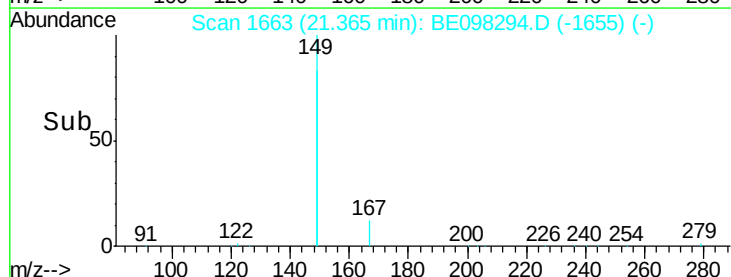
279 1.2 1.0 1.4

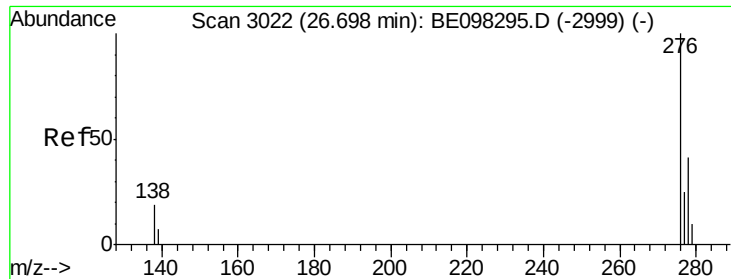


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

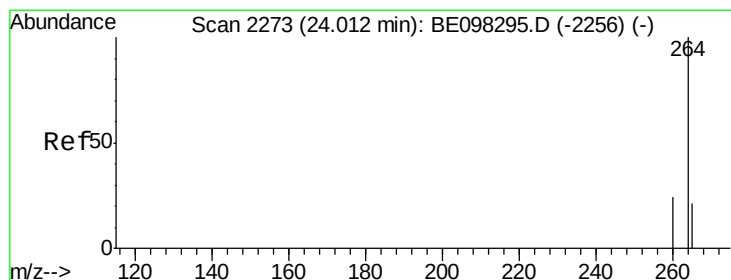
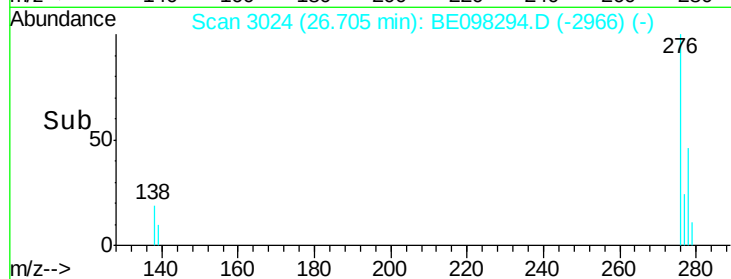
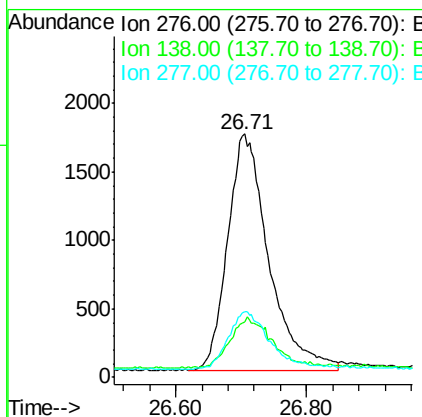
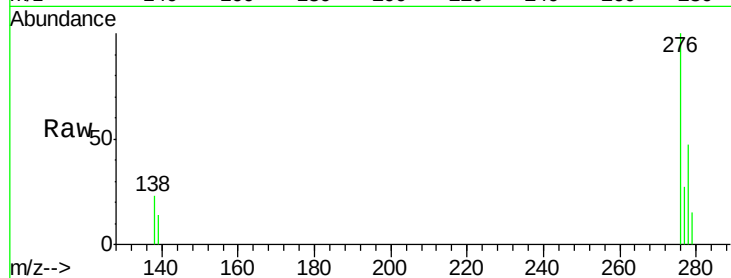




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.215 ng
 RT: 26.71 min Scan# 3024
 Delta R.T. 0.01 min
 Lab File: BE098294.D
 Acq: 10 Dec 2018 11:51

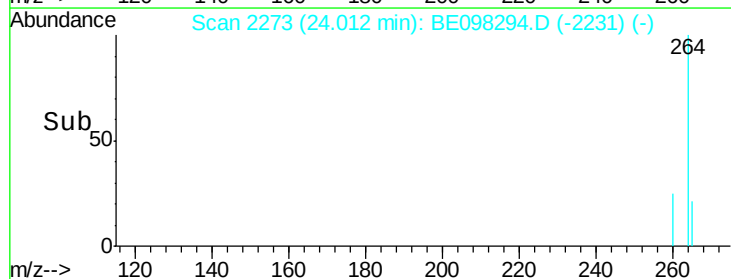
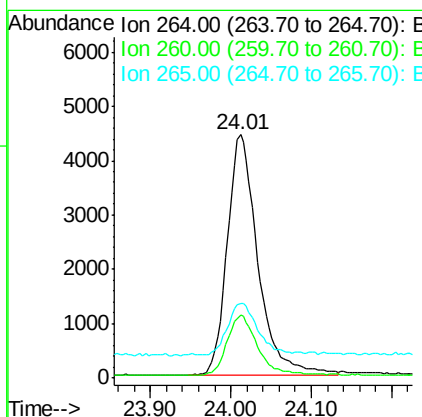
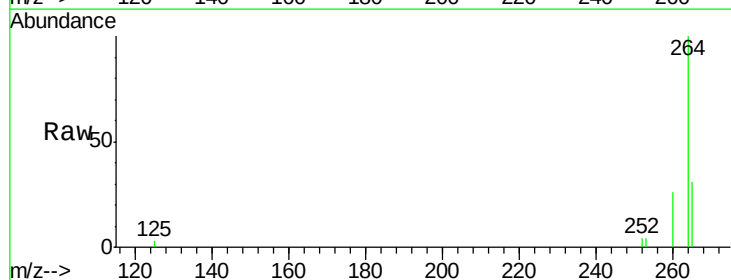
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

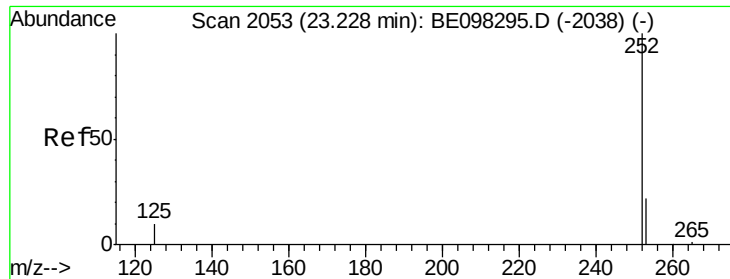
Tgt Ion: 276 Resp: 7557
 Ion Ratio Lower Upper
 276 100
 138 20.8 16.3 24.5
 277 25.2 20.2 30.4



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BE098294.D
 Acq: 10 Dec 2018 11:51

Tgt Ion: 264 Resp: 11657
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.2 30.2
 265 30.8 25.2 37.8





#35

Benzo(b)fluoranthene

Concen: 0.222 ng

RT: 23.28 min Scan# 2069

Delta R.T. 0.06 min

Lab File: BE098294.D

Acq: 10 Dec 2018 11:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2

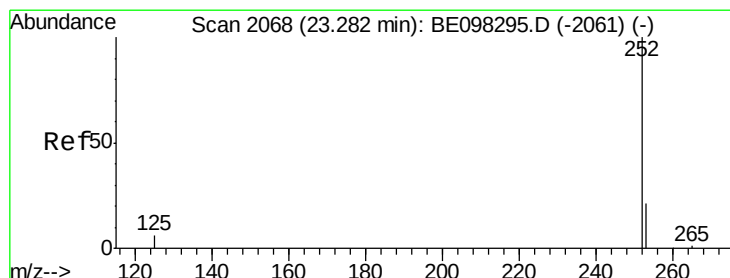
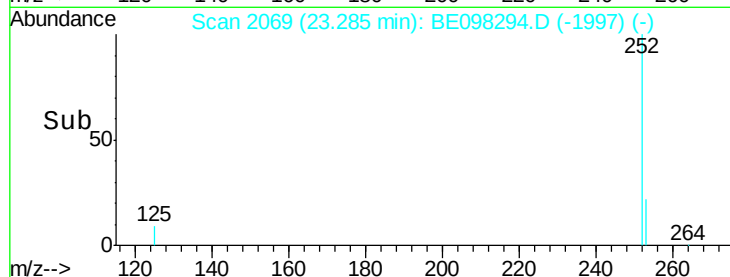
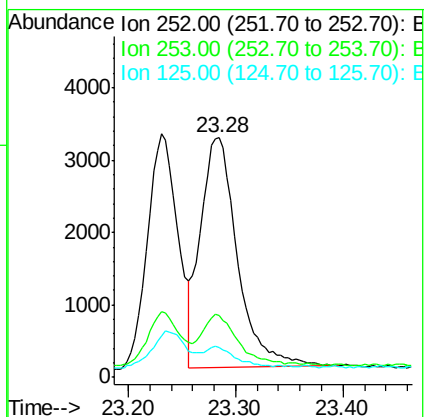
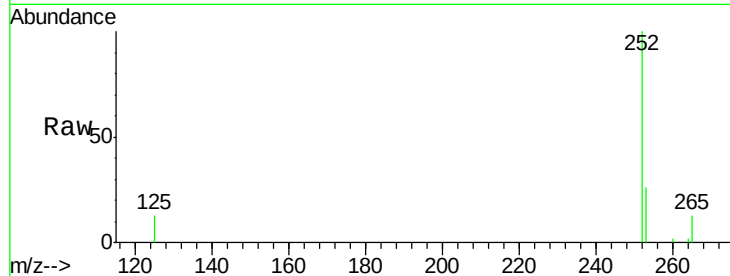
Tgt Ion:252 Resp: 7587

Ion Ratio Lower Upper

252 100

253 25.9 20.0 30.0

125 12.6 9.6 14.4



#36

Benzo(k)fluoranthene

Concen: 0.211 ng

RT: 23.28 min Scan# 2069

Delta R.T. 0.00 min

Lab File: BE098294.D

Acq: 10 Dec 2018 11:51

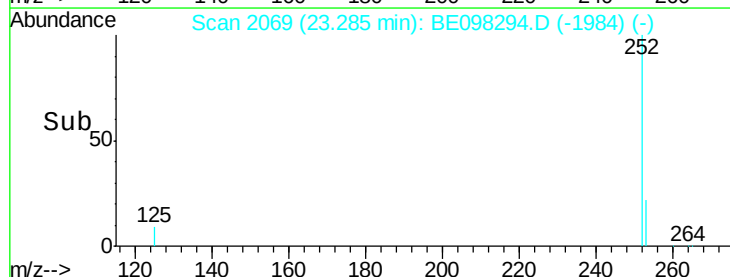
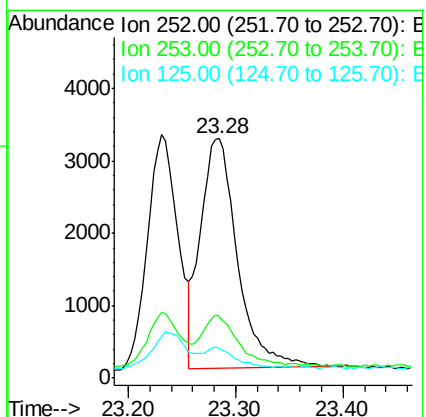
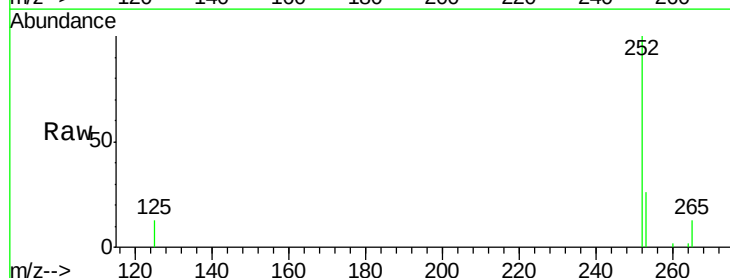
Tgt Ion:252 Resp: 7587

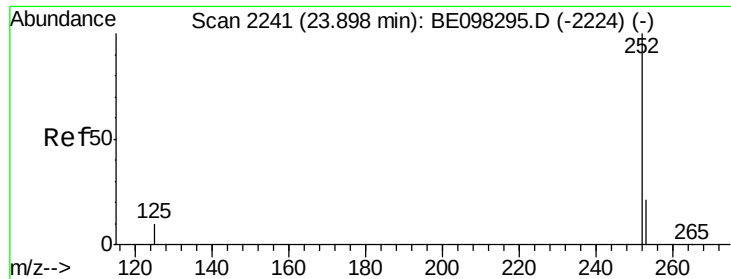
Ion Ratio Lower Upper

252 100

253 25.9 19.0 28.6

125 12.6 9.1 13.7

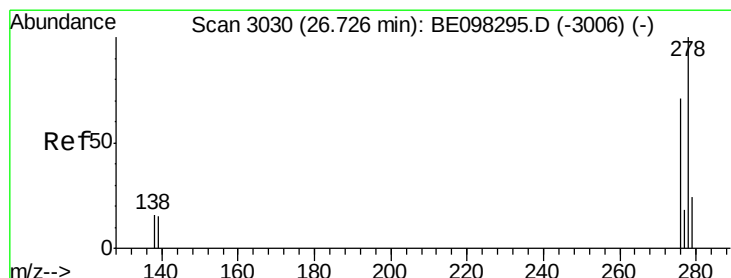
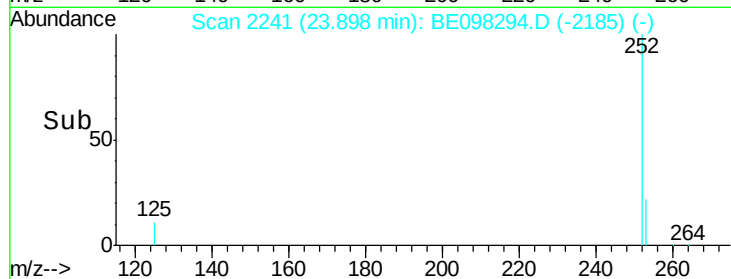
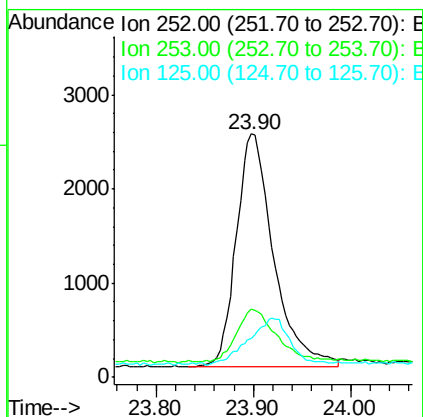
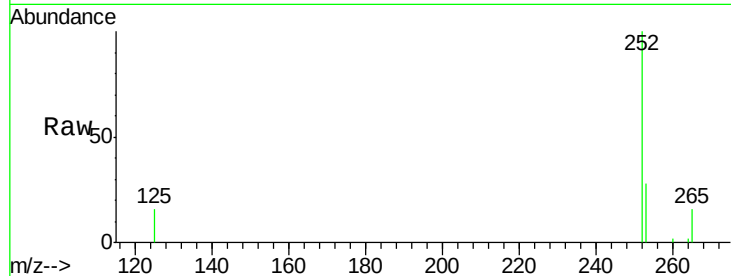




#37
Benzo(a)pyrene
Concen: 0.202 ng
RT: 23.90 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BE098294.D
Acq: 10 Dec 2018 11:51

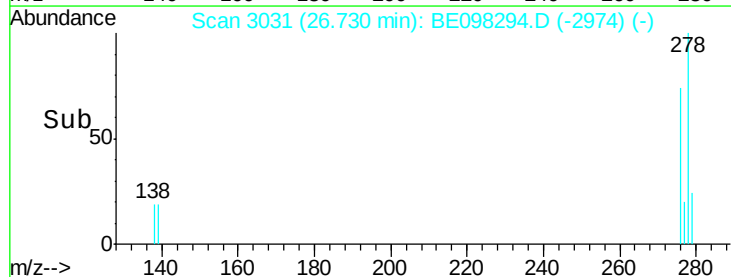
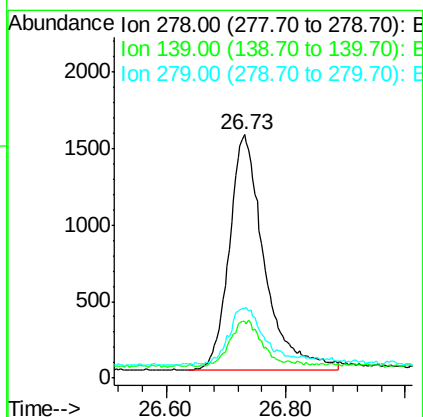
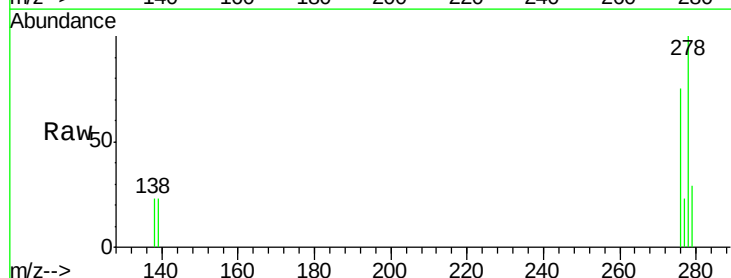
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

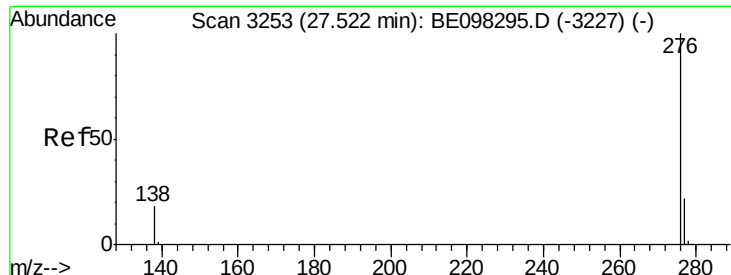
Tgt Ion: 252 Resp: 6666
Ion Ratio Lower Upper
252 100
253 28.1 20.6 30.8
125 16.1 10.5 15.7#



#38
Dibenzo(a,h)anthracene
Concen: 0.201 ng
RT: 26.73 min Scan# 3031
Delta R.T. 0.00 min
Lab File: BE098294.D
Acq: 10 Dec 2018 11:51

Tgt Ion: 278 Resp: 6288
Ion Ratio Lower Upper
278 100
139 23.1 14.5 21.7#
279 28.6 21.8 32.8





#39

Benzo(g,h,i)perylene

Concen: 0.200 ng

RT: 27.53 min Scan# 3254

Delta R.T. 0.00 min

Lab File: BE098294.D

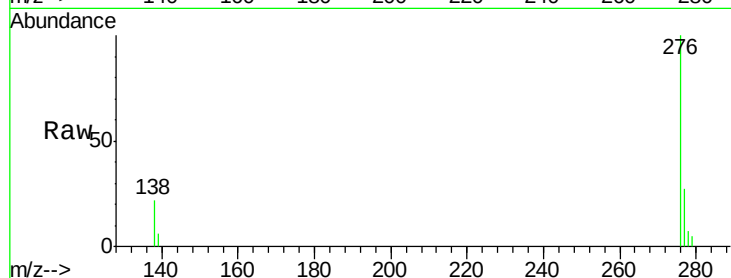
Acq: 10 Dec 2018 11:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.2



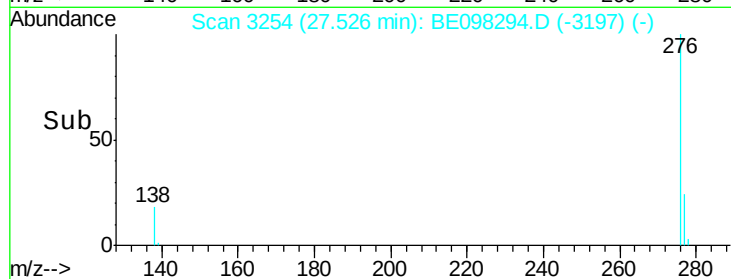
Tgt Ion: 276 Resp: 6245

Ion Ratio Lower Upper

276 100

277 27.1 20.8 31.2

138 22.2 15.8 23.6



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

