

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
 Data File : BE096940.D
 Acq On : 16 Jul 2018 15:30
 Operator : SJ/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Quant Time: Jul 17 16:41:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 15:02:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1967	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	10553	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	5816	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	13371	0.40	ng	0.00
27) Chrysene-d12	20.98	240	13144	0.40	ng	0.00
34) Perylene-d12	23.21	264	10409	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	16846	3.58	ng	0.00
5) Phenol-d6	6.59	99	26618	3.71	ng	0.00
8) Nitrobenzene-d5	8.53	82	28037	3.64	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	52342	3.40	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	7132	3.20	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	70652	3.27	ng	0.00
25) Fluoranthene-d10	18.81	212	438824	3.77	ng	0.00
29) Terphenyl-d14	19.44	244	83893	3.31	ng	0.00

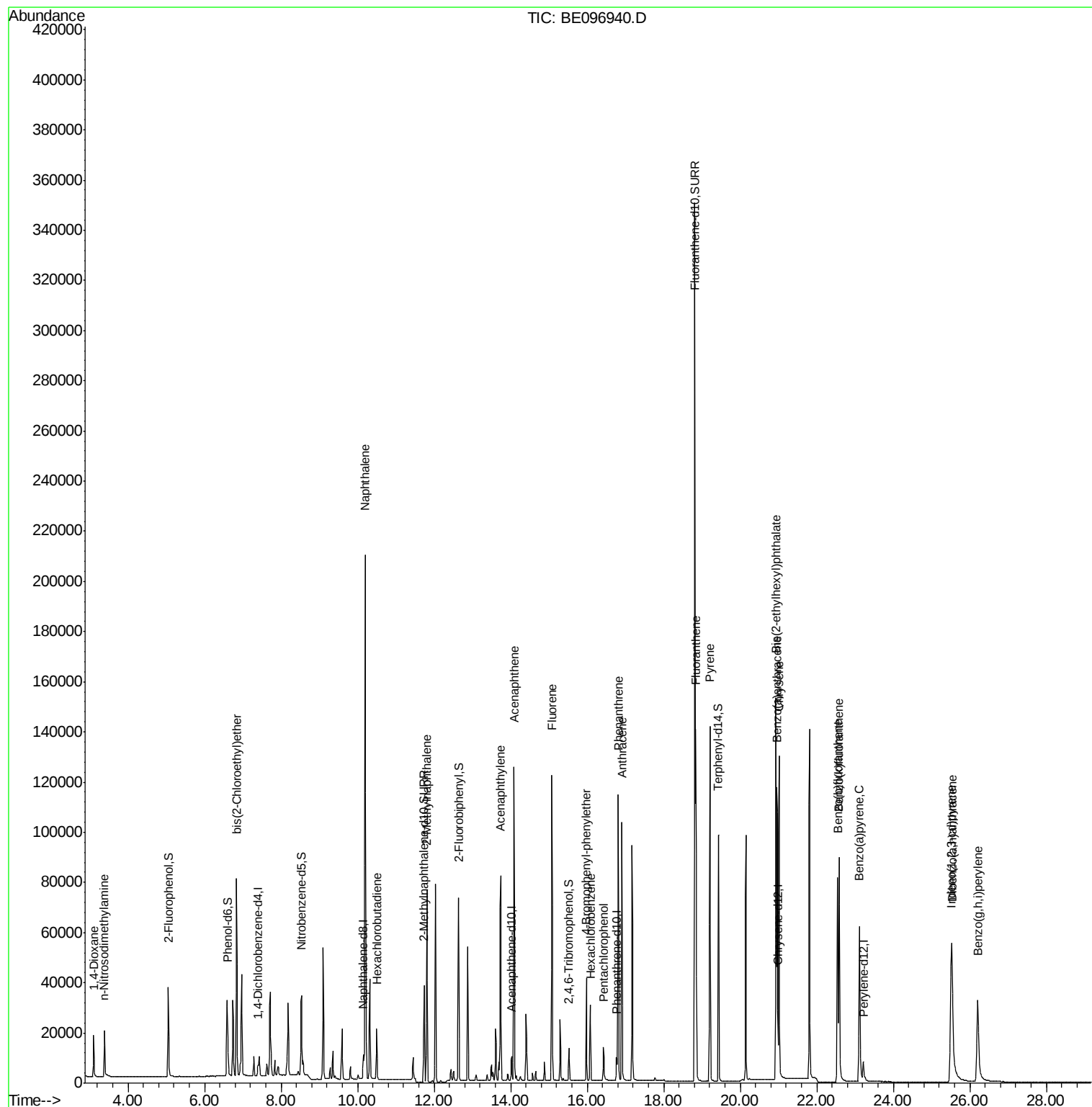
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	9134	3.244	ng	# 87
3) n-Nitrosodimethylamine	3.37	42	11514	3.634	ng	# 91
6) bis(2-Chloroethyl)ether	6.84	93	23878	3.388	ng	99
9) Naphthalene	10.20	128	311745	3.300	ng	99
10) Hexachlorobutadiene	10.50	225	12715	3.329	ng	98
12) 2-Methylnaphthalene	11.81	142	54567	3.406	ng	98
16) Acenaphthylene	13.74	152	94221	3.547	ng	100
17) Acenaphthene	14.08	154	57043	3.454	ng	96
18) Fluorene	15.07	166	66067	3.563	ng	# 80
20) 4-Bromophenyl-phenylether	15.98	248	22205	3.512	ng	# 73
21) Hexachlorobenzene	16.09	284	23487	3.344	ng	# 81
22) Pentachlorophenol	16.43	266	7216	2.952	ng	# 70
23) Phenanthrene	16.81	178	110221	3.442	ng	99
24) Anthracene	16.90	178	103432	3.712	ng	95
26) Fluoranthene	18.84	202	127011	3.761	ng	99
28) Pyrene	19.21	202	126461	3.259	ng	99
30) Benzo(a)anthracene	20.96	228	114212	3.649	ng	98
31) Chrysene	21.02	228	114336	3.257	ng	99
32) Bis(2-ethylhexyl)phthalate	20.93	149	148916	4.766	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	97718	3.821	ng	96
35) Benzo(b)fluoranthene	22.54	252	100820	3.795	ng	# 86
36) Benzo(k)fluoranthene	22.58	252	118733	3.758	ng	97
37) Benzo(a)pyrene	23.11	252	94842	3.237	ng	# 93
38) Dibenzo(a,h)anthracene	25.53	278	81163	3.243	ng	# 94
39) Benzo(g,h,i)perylene	26.21	276	83009	3.843	ng	92

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 394

Delta R.T. -0.00 min

Lab File: BE096940.D

Acq: 16 Jul 2018 15:30

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

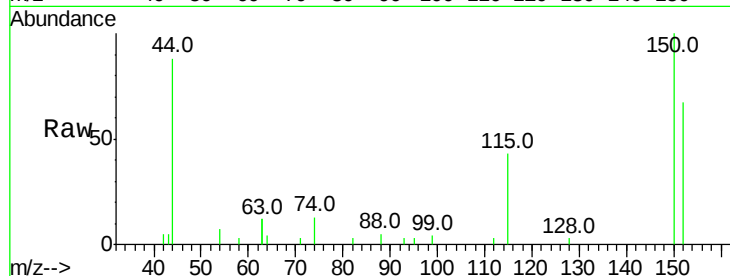
Tot Ion:152 Resp: 1967

Ion Ratio Lower Upper

152 100

150 150.1 117.2 175.8

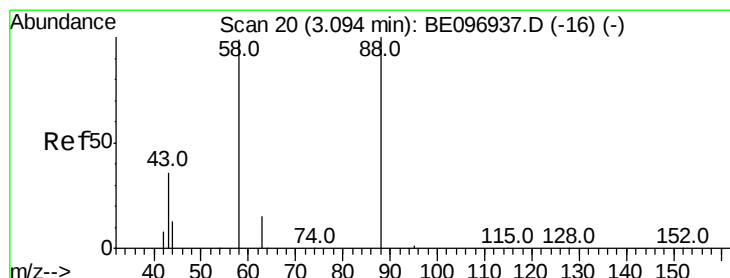
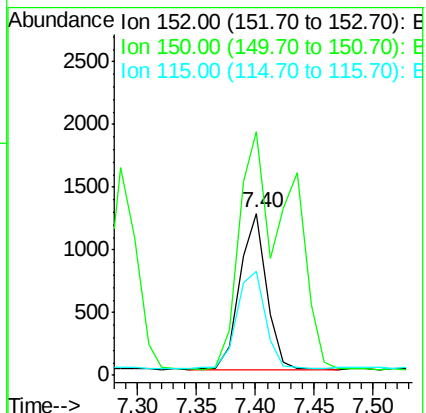
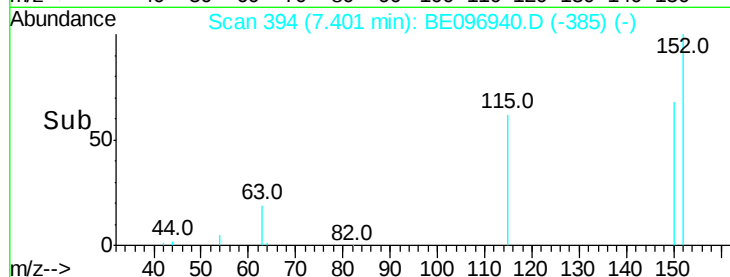
115 64.0 57.0 85.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 3.244 ng

RT: 3.09 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE096940.D

Acq: 16 Jul 2018 15:30

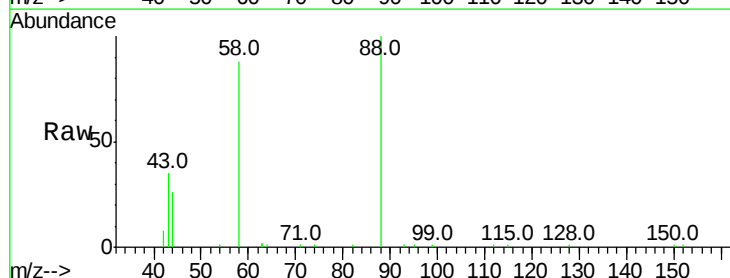
Tgt Ion: 88 Resp: 9134

Ion Ratio Lower Upper

88 100

58 82.7 63.2 94.8

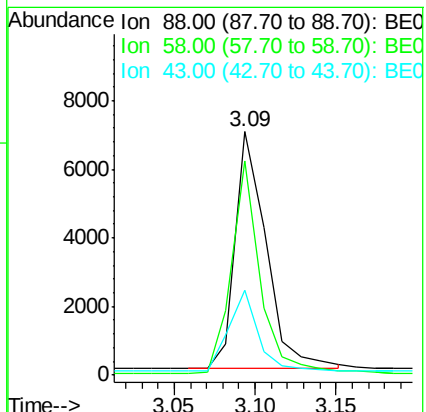
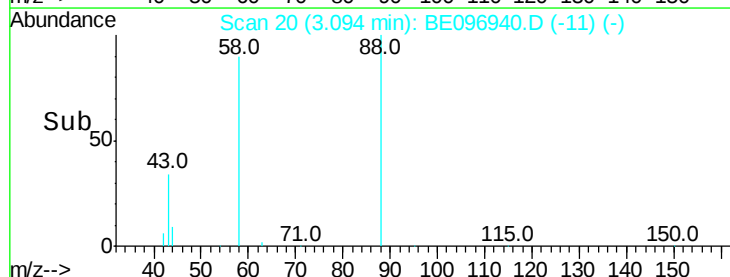
43 33.2 41.2 61.8#



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: 3.634 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE096940.D

Acq: 16 Jul 2018 15:30

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

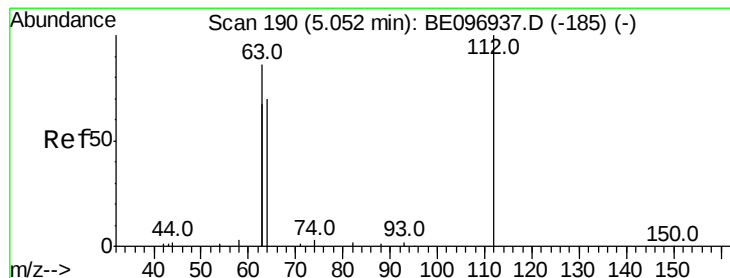
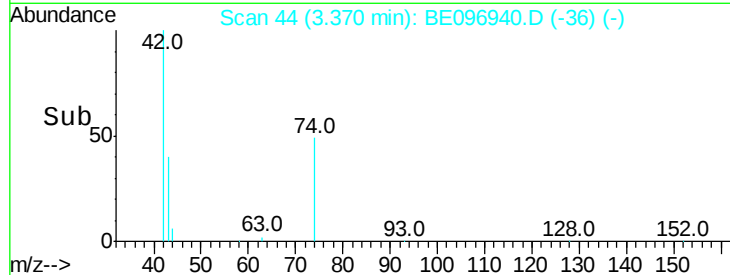
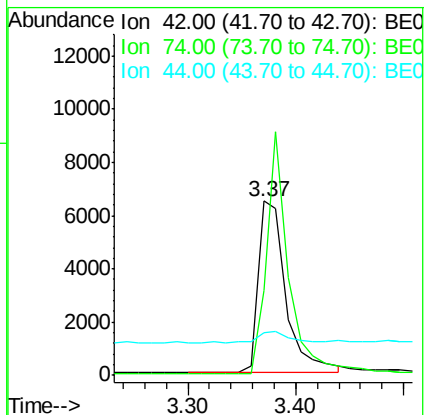
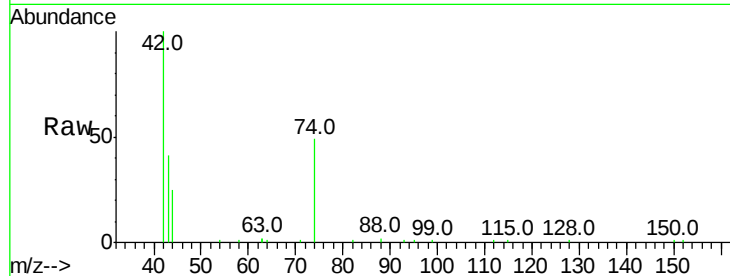
Tot Ion: 42 Resp: 11514

Ion Ratio Lower Upper

42 100

74 110.9 96.0 144.0

44 8.6 12.0 18.0#



#4

2-Fluorophenol

Concen: 3.580 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE096940.D

Acq: 16 Jul 2018 15:30

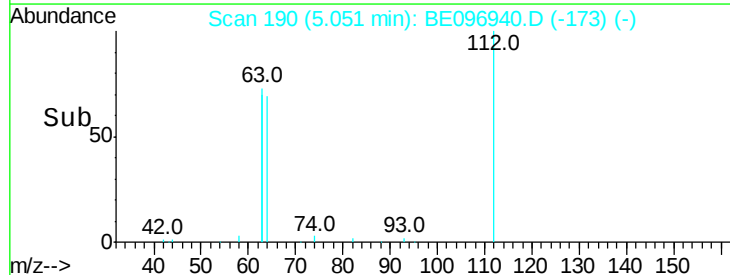
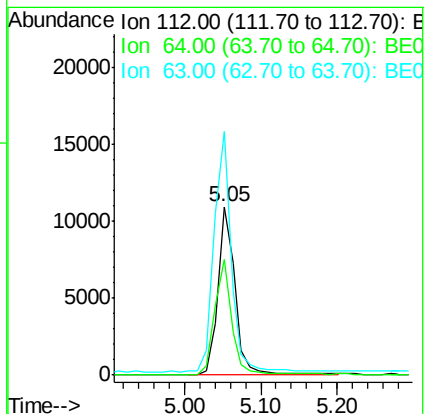
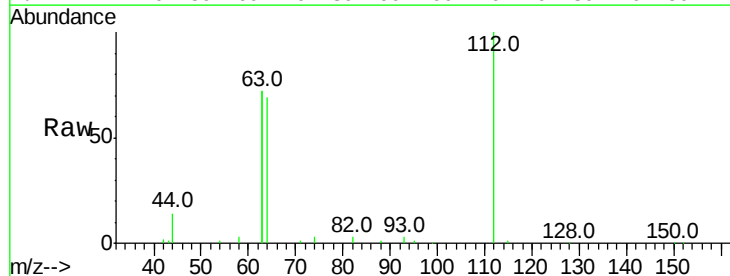
Tgt Ion: 112 Resp: 16846

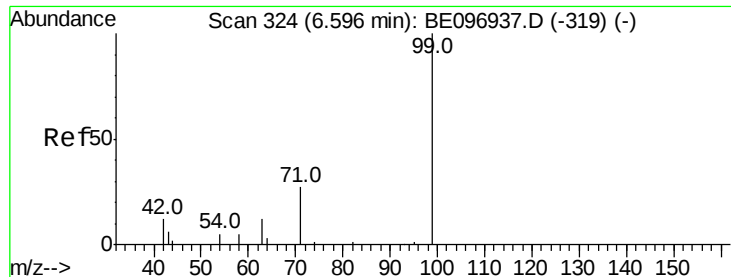
Ion Ratio Lower Upper

112 100

64 67.5 60.1 90.1

63 144.1 116.8 175.2





#5

Phenol-d6

Concen: 3.707 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE096940.D

Acq: 16 Jul 2018 15:30

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

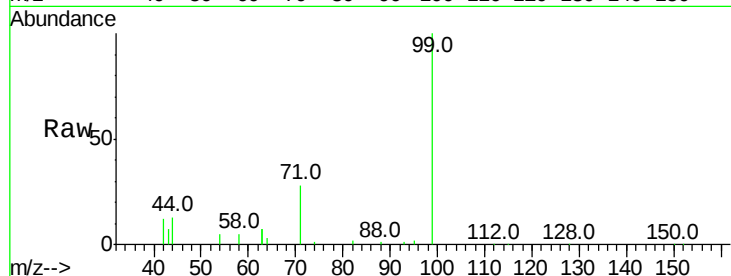
Tot Ion: 99 Resp: 26618

Ion Ratio Lower Upper

99 100

42 23.2 20.2 30.2

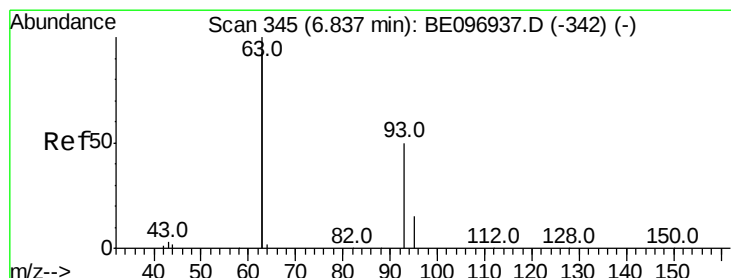
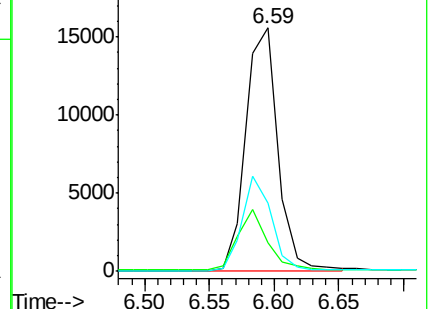
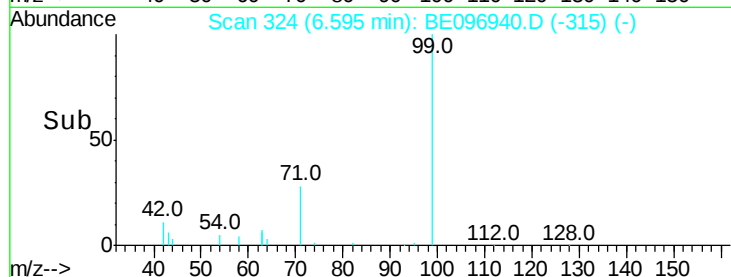
71 35.8 28.4 42.6



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: 3.388 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE096940.D

Acq: 16 Jul 2018 15:30

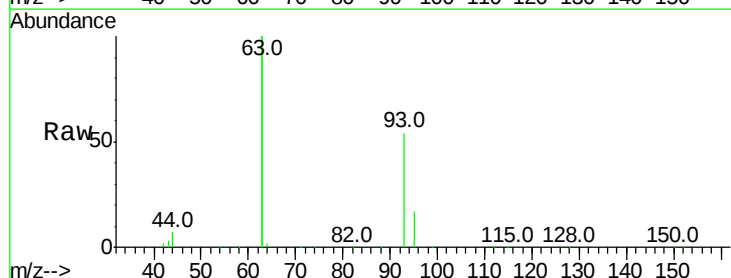
Tgt Ion: 93 Resp: 23878

Ion Ratio Lower Upper

93 100

63 341.9 275.3 412.9

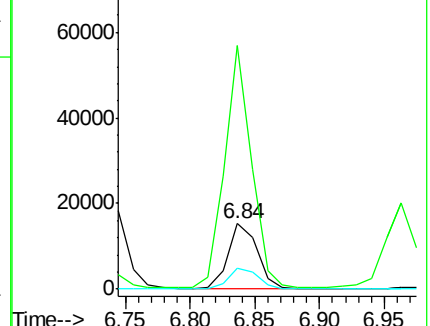
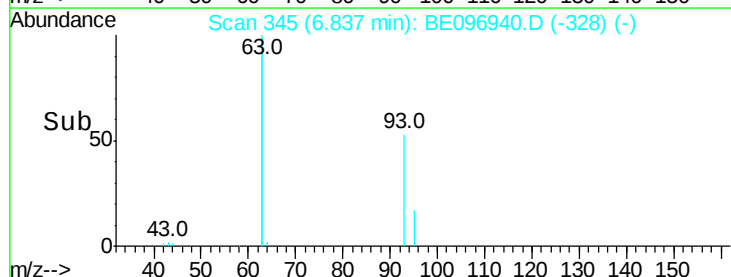
95 32.6 25.2 37.8

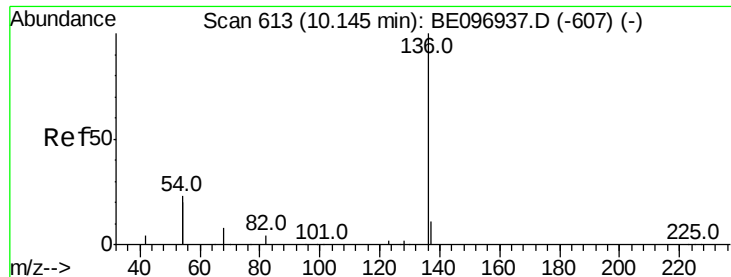


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.14 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE096940.D

Acq: 16 Jul 2018 15:30

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 10553

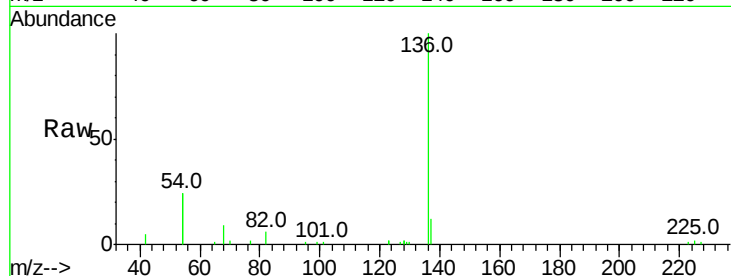
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 47.2 29.1 43.7#

68 8.6 6.2 9.2

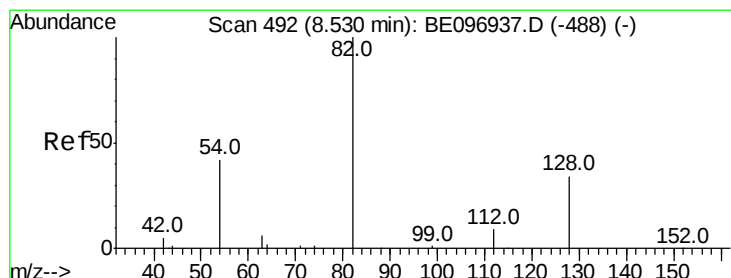
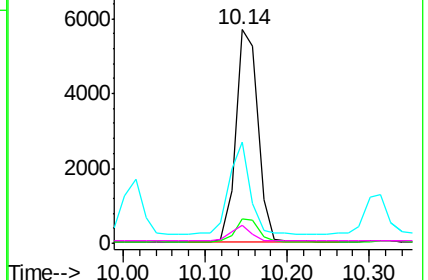
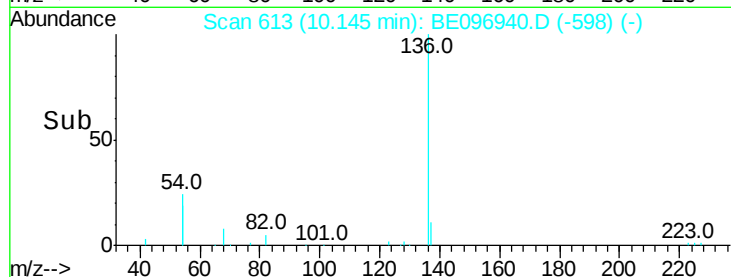


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.643 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE096940.D

Acq: 16 Jul 2018 15:30

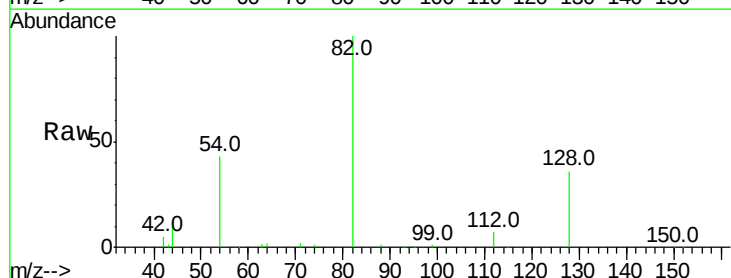
Tgt Ion: 82 Resp: 28037

Ion Ratio Lower Upper

82 100

128 36.4 24.0 36.0#

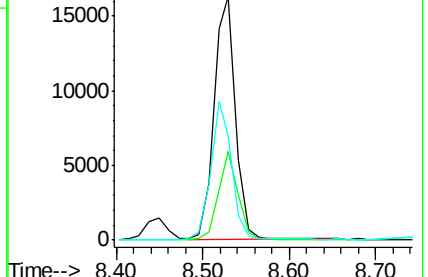
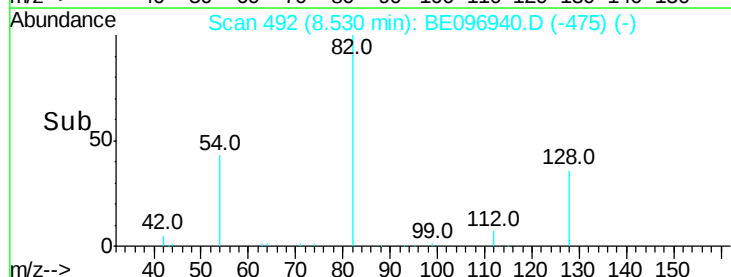
54 43.0 40.0 60.0



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: 3.300 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE096940.D

Acq: 16 Jul 2018 15:30

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

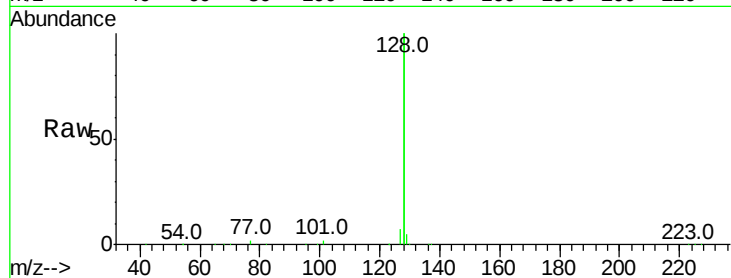
Tot Ion:128 Resp: 311745

Ion Ratio Lower Upper

128 100

129 2.7 2.6 3.8

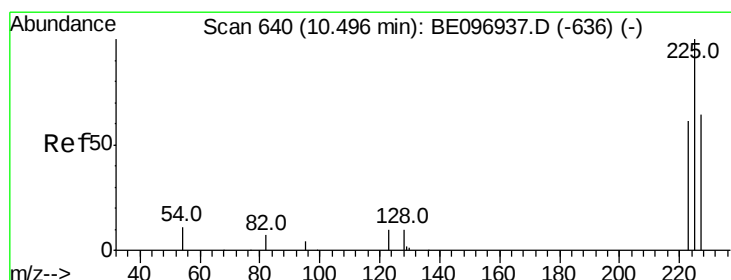
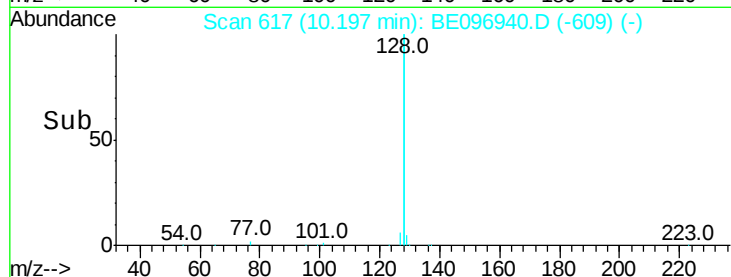
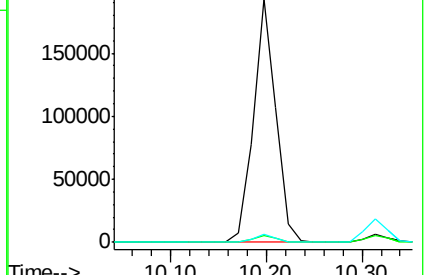
127 3.3 2.8 4.2



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: 3.329 ng

RT: 10.50 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE096940.D

Acq: 16 Jul 2018 15:30

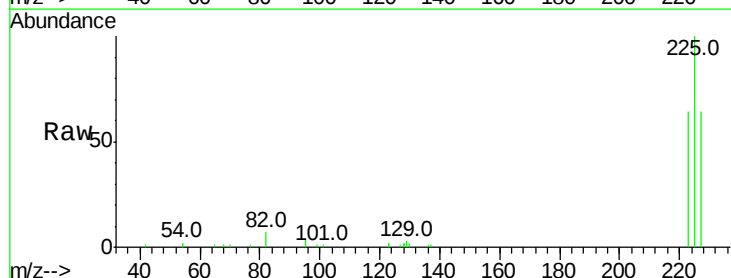
Tgt Ion:225 Resp: 12715

Ion Ratio Lower Upper

225 100

223 63.5 53.0 79.6

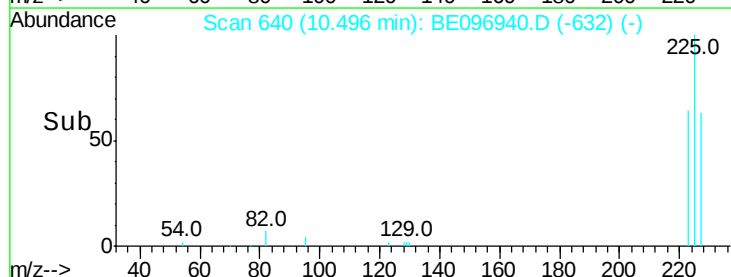
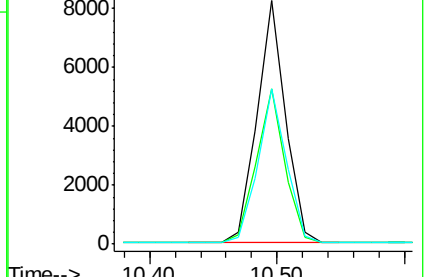
227 63.6 51.4 77.2



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: 3.403 ng

RT: 11.73 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE096940.D

Acq: 16 Jul 2018 15:30

Instrument :

BNA_E

ClientSampleId :

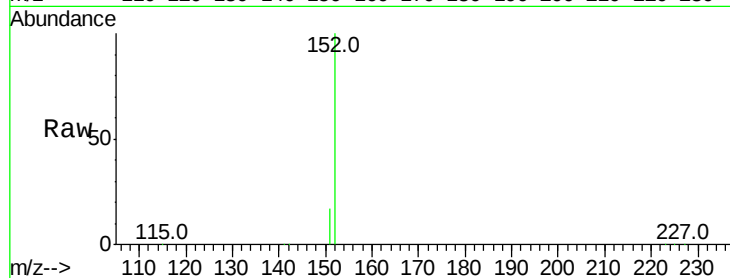
SSTDICC3.2

Tot Ion:152 Resp: 52342

Ion Ratio Lower Upper

152 100

151 19.0 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.73

30000

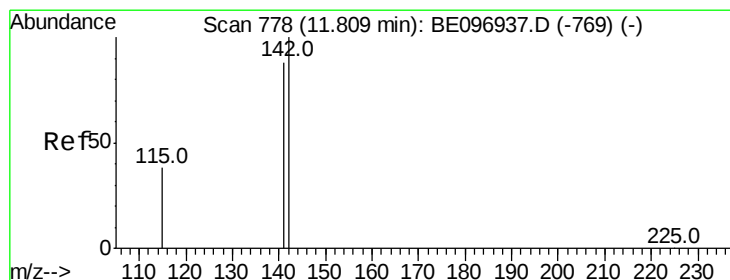
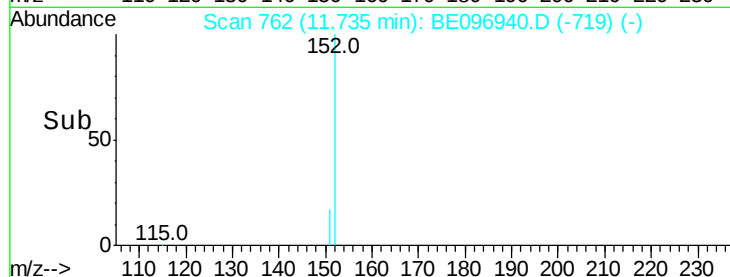
20000

10000

0

Time-->

11.70 11.80



#12

2-Methylnaphthalene

Concen: 3.406 ng

RT: 11.81 min Scan# 778

Delta R.T. 0.00 min

Lab File: BE096940.D

Acq: 16 Jul 2018 15:30

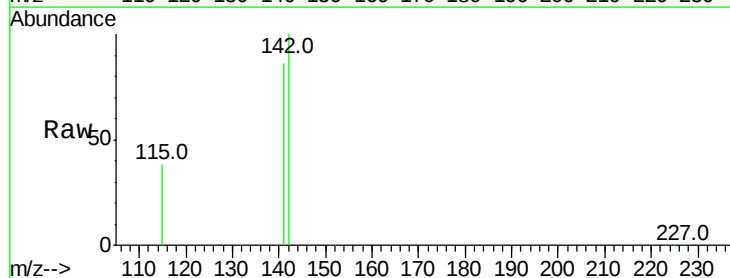
Tgt Ion:142 Resp: 54567

Ion Ratio Lower Upper

142 100

141 86.5 70.4 105.6

115 37.9 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

11.81

40000

30000

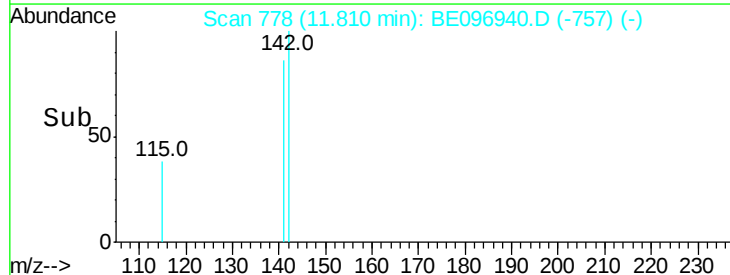
20000

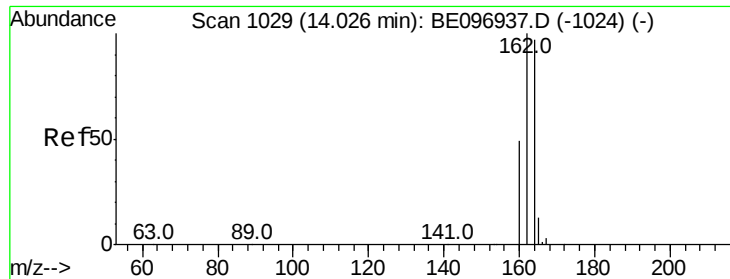
10000

0

Time-->

11.70 11.80 11.90

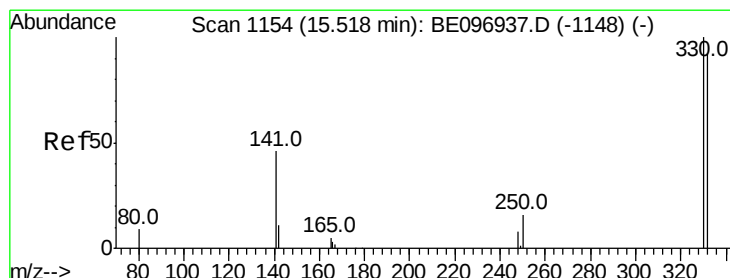
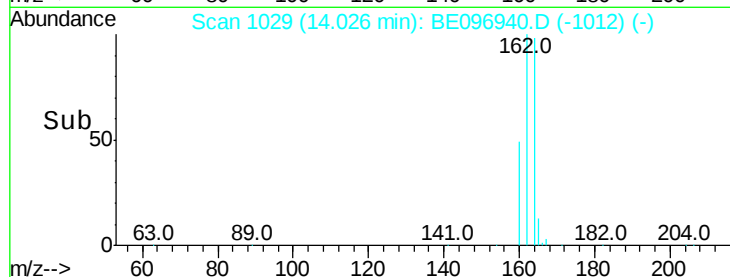
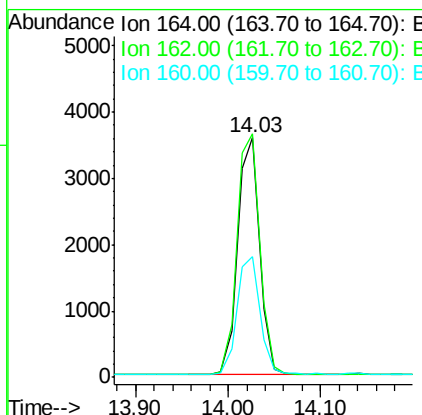
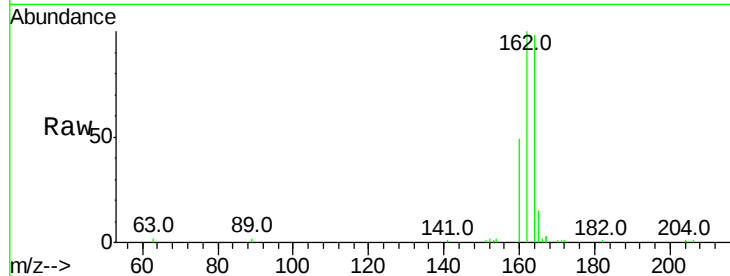




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

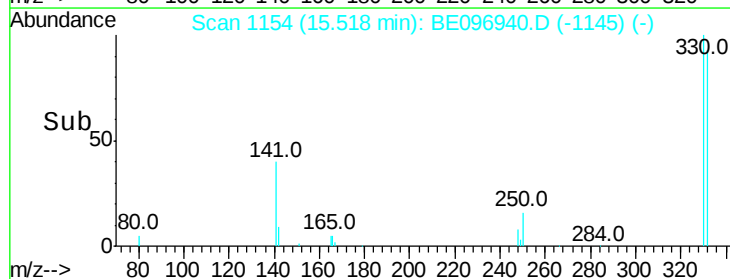
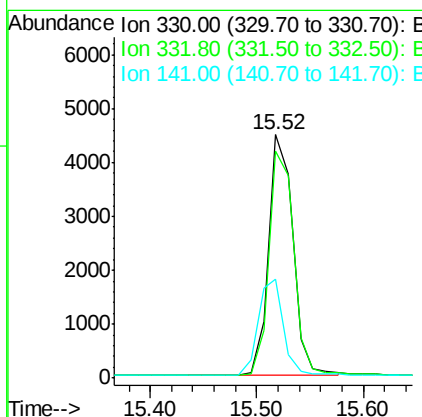
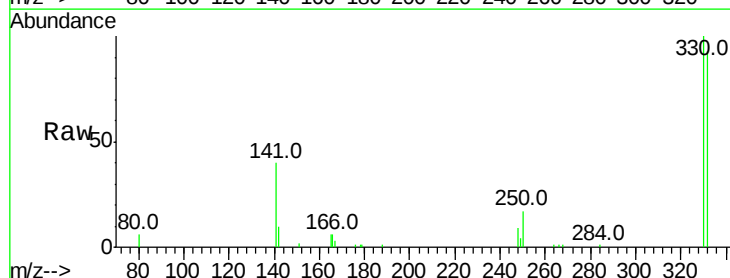
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

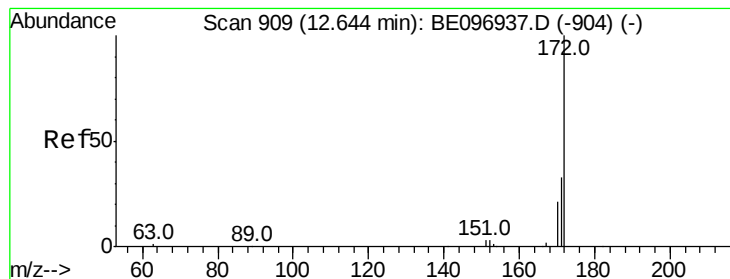
Tot Ion:164 Resp: 5816
Ion Ratio Lower Upper
164 100
162 101.6 83.1 124.7
160 50.3 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 3.196 ng
RT: 15.52 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Tgt Ion:330 Resp: 7132
Ion Ratio Lower Upper
330 100
332 95.1 152.7 229.1#
141 41.4 33.7 50.5





#15

2-Fluorobiphenyl

Concen: 3.266 ng

RT: 12.64 min Scan# 909

Delta R.T. 0.00 min

Lab File: BE096940.D

Acq: 16 Jul 2018 15:30

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

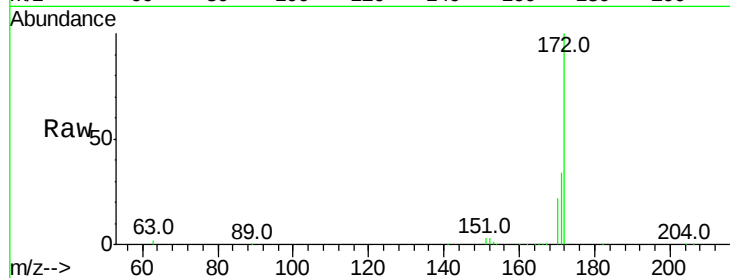
Tot Ion:172 Resp: 70652

Ion Ratio Lower Upper

172 100

171 33.6 29.9 44.9

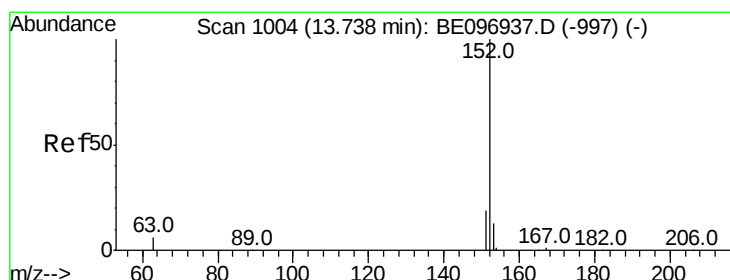
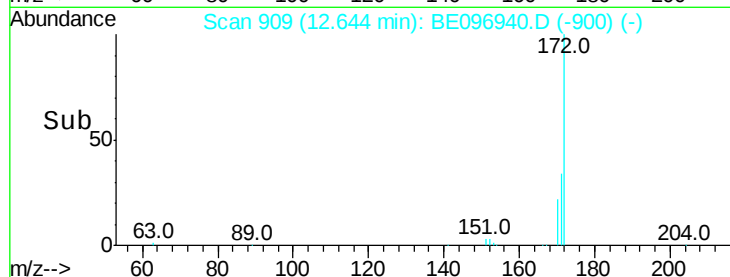
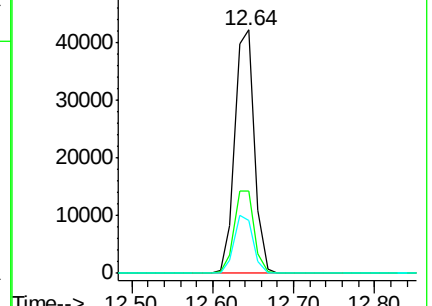
170 21.9 21.8 32.8



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: 3.547 ng

RT: 13.74 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BE096940.D

Acq: 16 Jul 2018 15:30

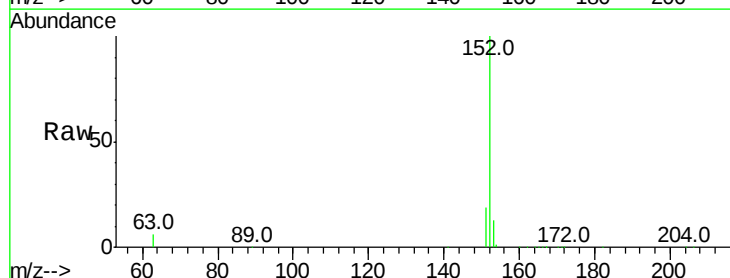
Tgt Ion:152 Resp: 94221

Ion Ratio Lower Upper

152 100

151 19.9 15.7 23.5

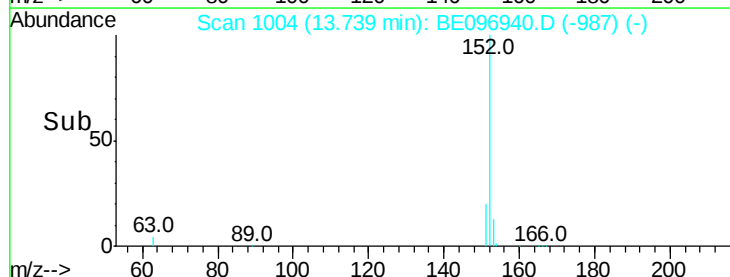
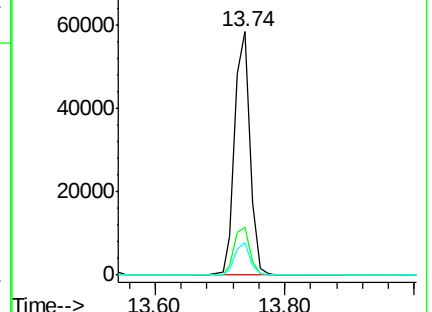
153 13.0 10.5 15.7

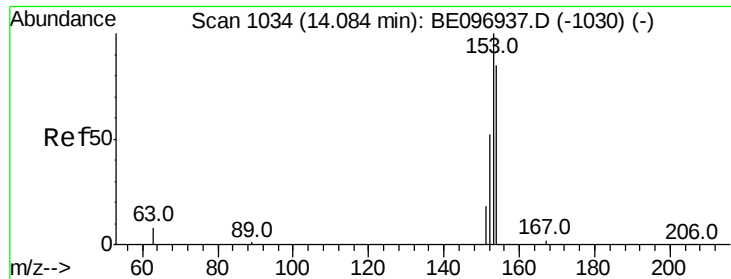


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

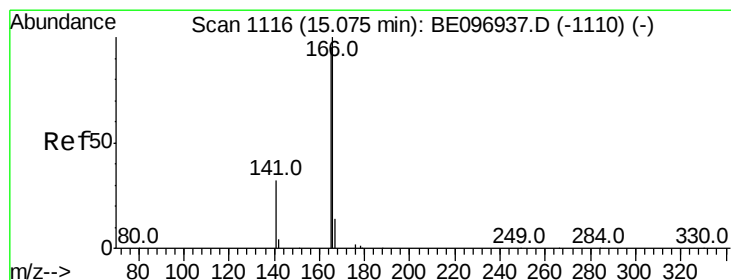
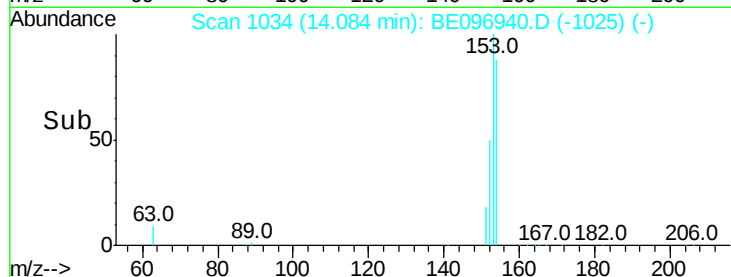
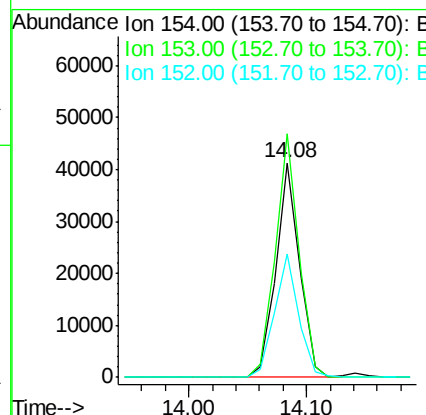
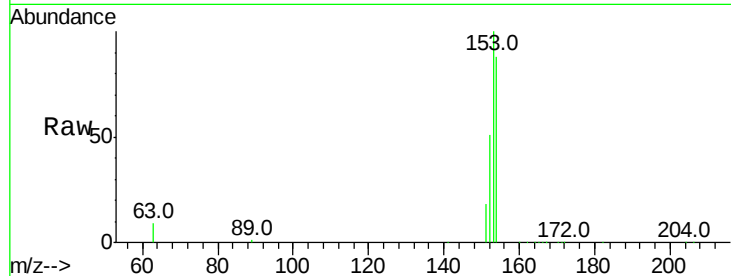




#17
Acenaphthene
Concen: 3.454 ng
RT: 14.08 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

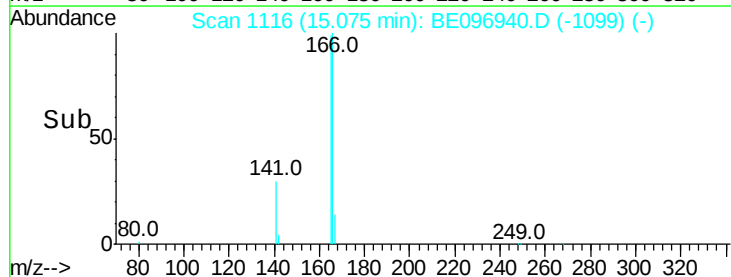
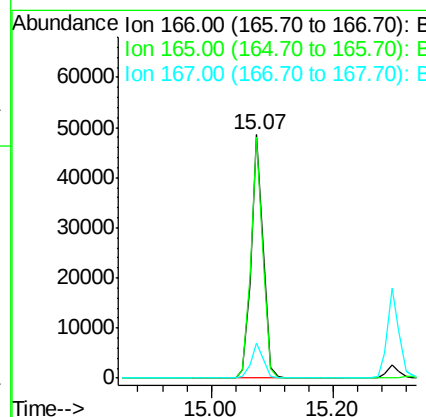
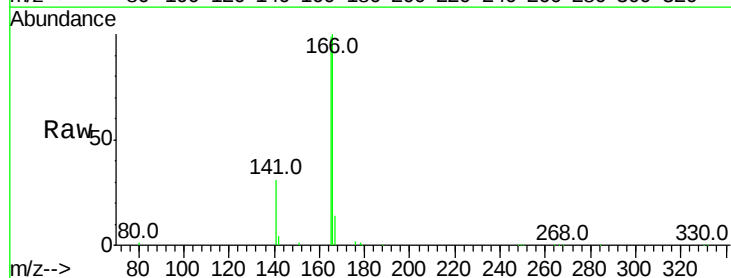
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

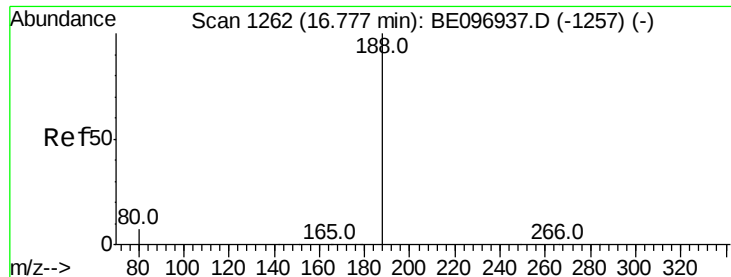
Tot Ion:154 Resp: 57043
Ion Ratio Lower Upper
154 100
153 113.4 89.2 133.8
152 58.2 42.0 63.0



#18
Fluorene
Concen: 3.563 ng
RT: 15.07 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Tgt Ion:166 Resp: 66067
Ion Ratio Lower Upper
166 100
165 98.3 77.8 116.6
167 14.5 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BE096940.D

Acq: 16 Jul 2018 15:30

Instrument :

BNA_E

ClientSampled :

SSTDICC3.2

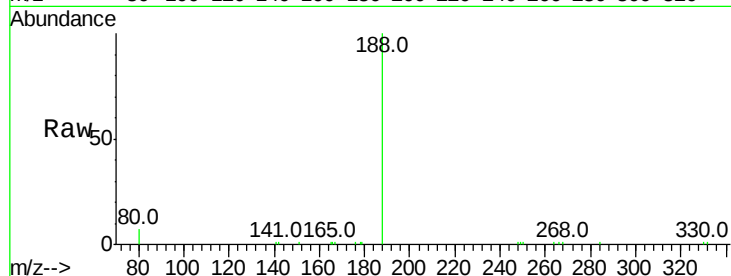
Tot Ion:188 Resp: 13371

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

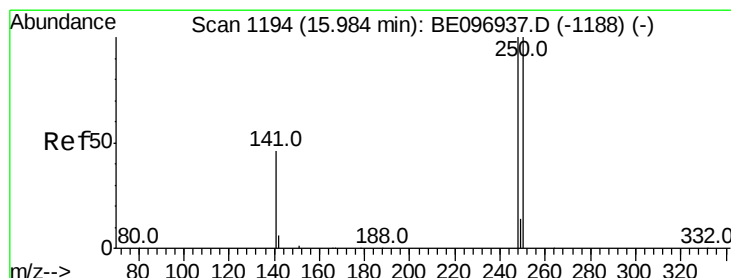
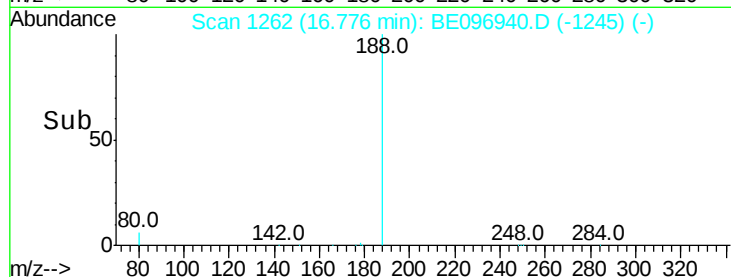
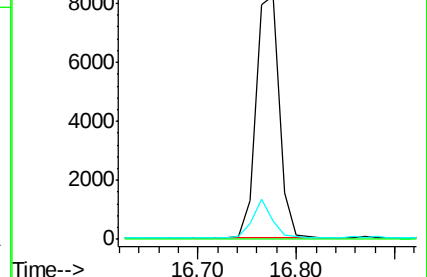
80 7.3 3.6 5.4#



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: 3.512 ng

RT: 15.98 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BE096940.D

Acq: 16 Jul 2018 15:30

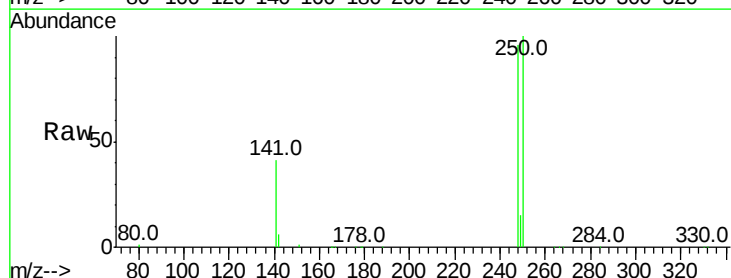
Tgt Ion:248 Resp: 22205

Ion Ratio Lower Upper

248 100

250 104.3 62.7 94.1#

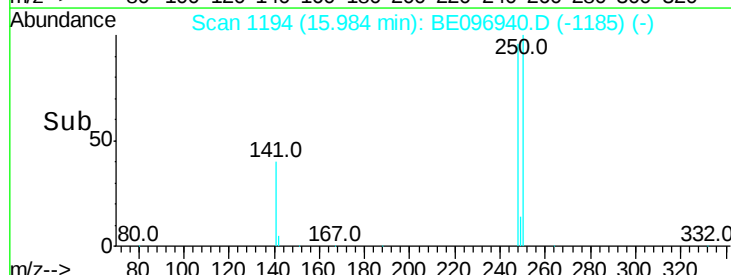
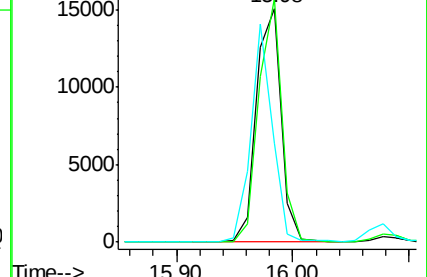
141 42.3 48.2 72.2#



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: 3.344 ng

RT: 16.09 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BE096940.D

Acq: 16 Jul 2018 15:30

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

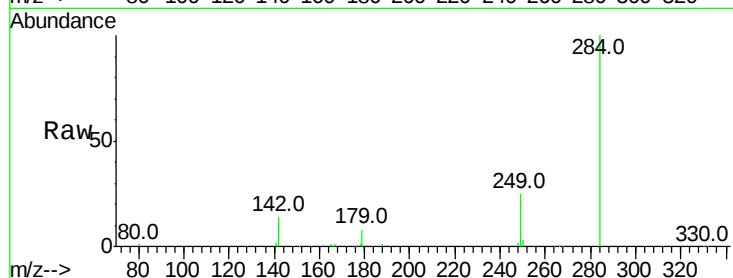
Tot Ion:284 Resp: 23487

Ion Ratio Lower Upper

284 100

142 38.3 22.1 33.1#

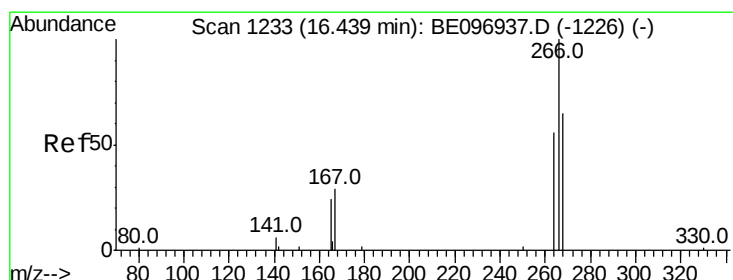
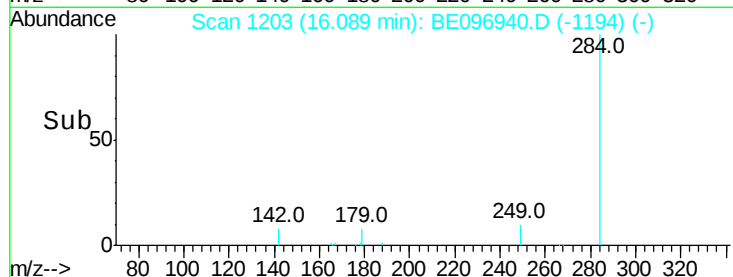
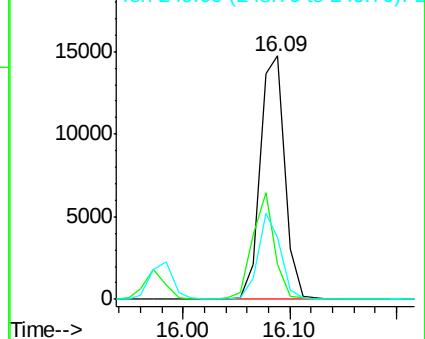
249 31.6 34.8 52.2#



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



#22

Pentachlorophenol

Concen: 2.952 ng

RT: 16.43 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BE096940.D

Acq: 16 Jul 2018 15:30

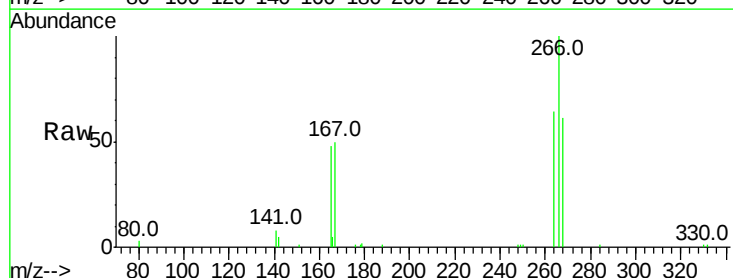
Tgt Ion:266 Resp: 7216

Ion Ratio Lower Upper

266 100

264 63.9 72.5 108.7#

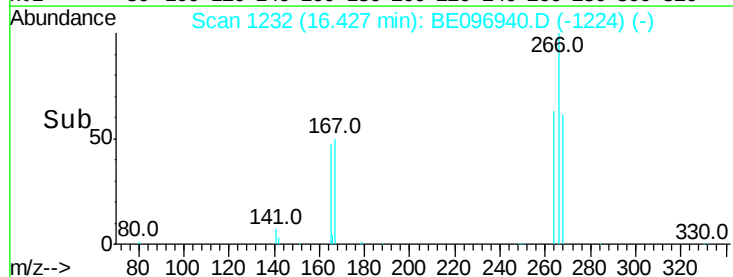
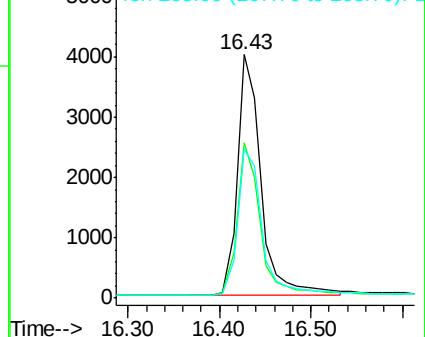
268 61.1 73.8 110.6#



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: 3.442 ng

RT: 16.81 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE096940.D

Acq: 16 Jul 2018 15:30

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

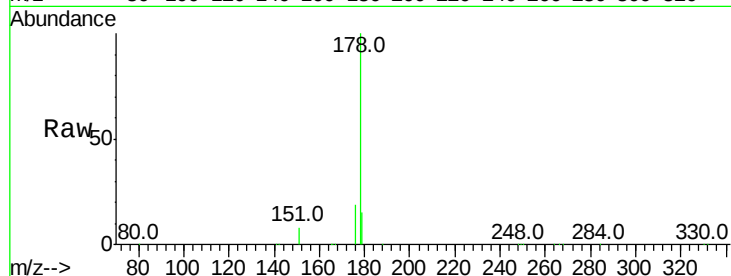
Tot Ion:178 Resp: 110221

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

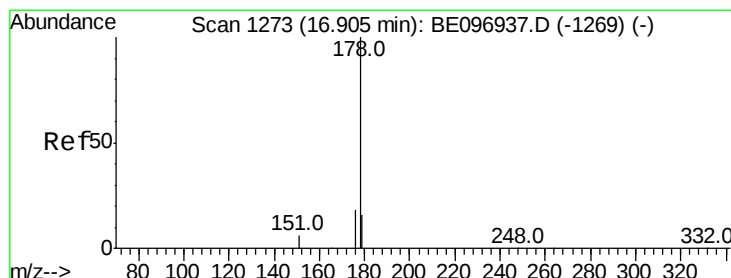
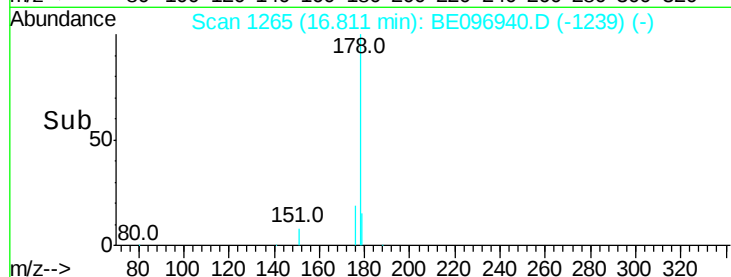
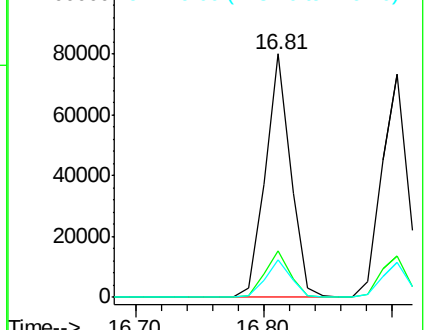
179 15.3 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 3.712 ng

RT: 16.90 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BE096940.D

Acq: 16 Jul 2018 15:30

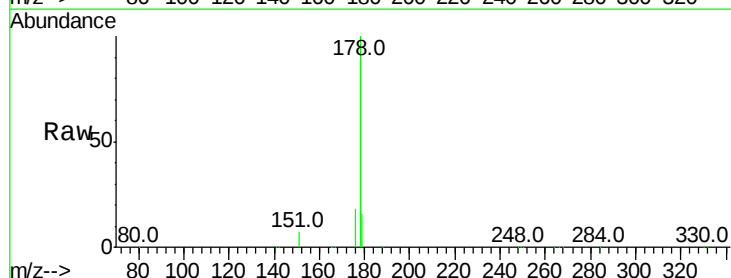
Tgt Ion:178 Resp: 103432

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

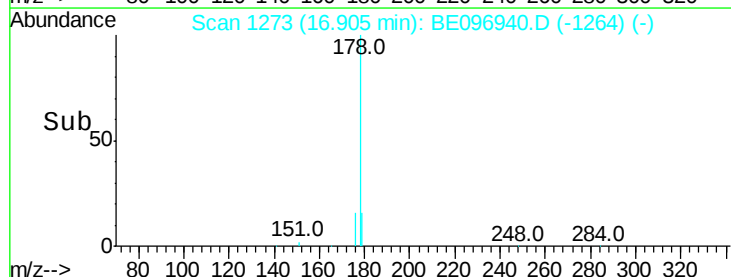
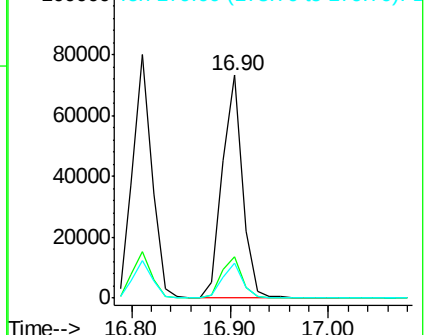
179 15.3 13.0 19.6

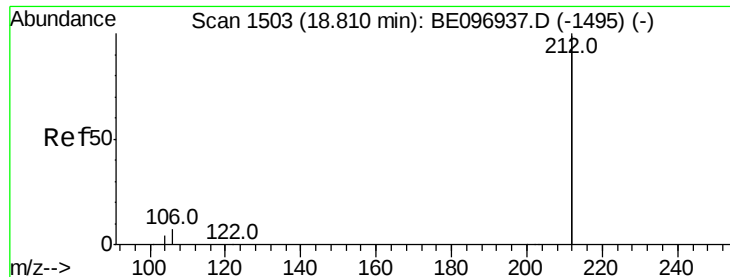


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

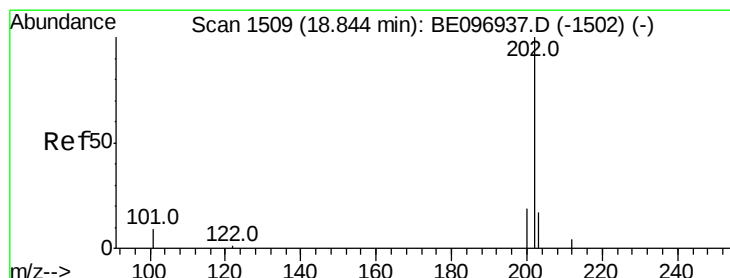
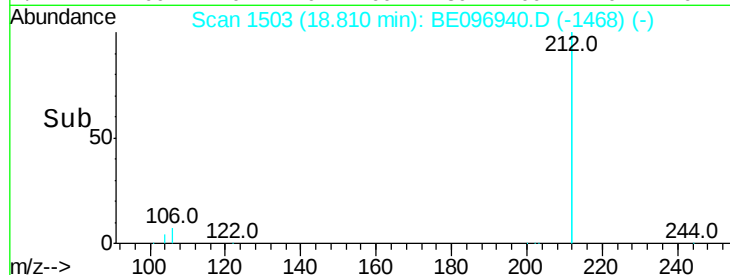
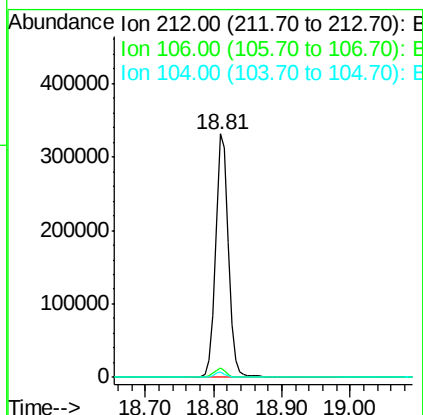
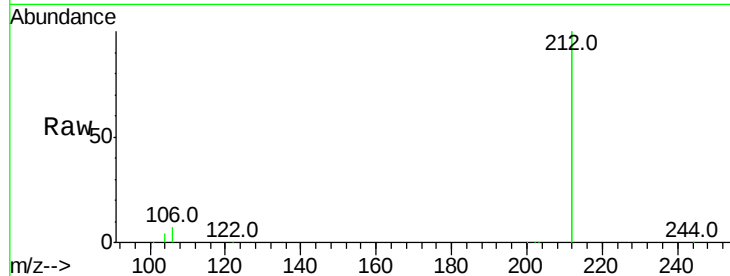




#25
Fluoranthene-d10
Concen: 3.772 ng
RT: 18.81 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

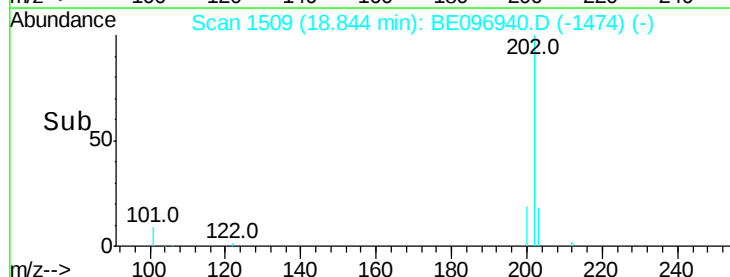
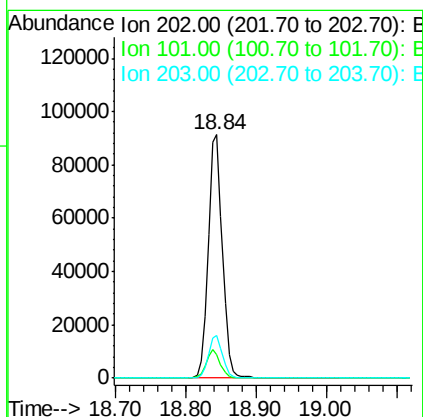
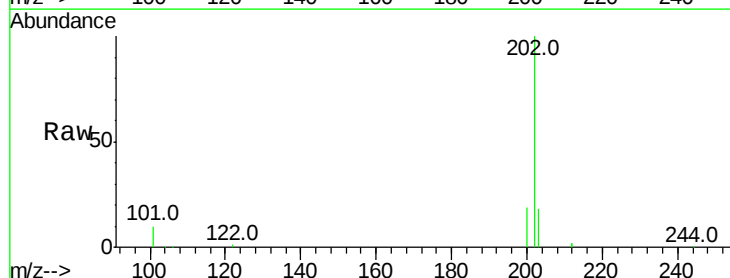
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion:212 Resp: 438824
Ion Ratio Lower Upper
212 100
106 3.5 2.8 4.2
104 1.9 1.6 2.4



#26
Fluoranthene
Concen: 3.761 ng
RT: 18.84 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Tgt Ion:202 Resp: 127011
Ion Ratio Lower Upper
202 100
101 11.4 9.8 14.8
203 17.5 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BE096940.D

Acq: 16 Jul 2018 15:30

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

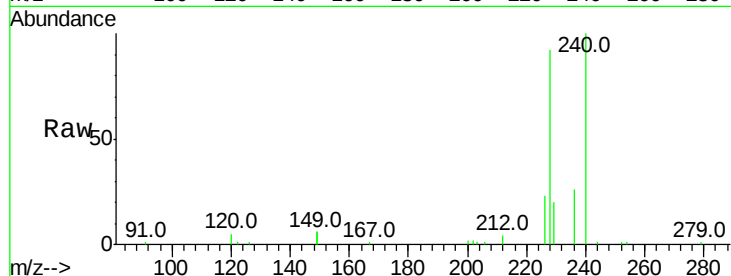
Tot Ion:240 Resp: 13144

Ion Ratio Lower Upper

240 100

120 5.4 5.5 8.3#

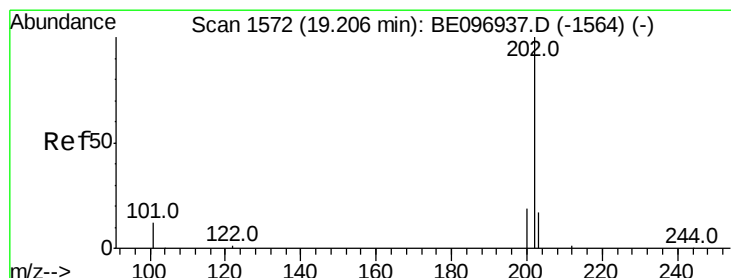
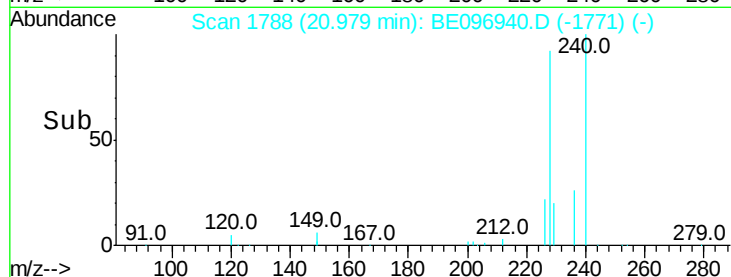
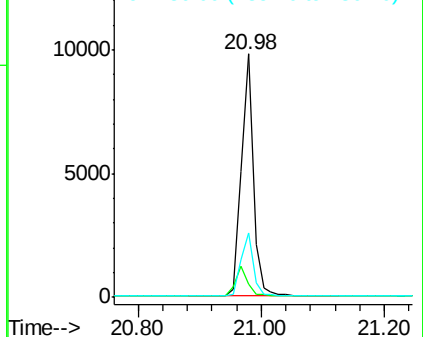
236 26.5 20.7 31.1



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

Pyrene

Concen: 3.259 ng

RT: 19.21 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BE096940.D

Acq: 16 Jul 2018 15:30

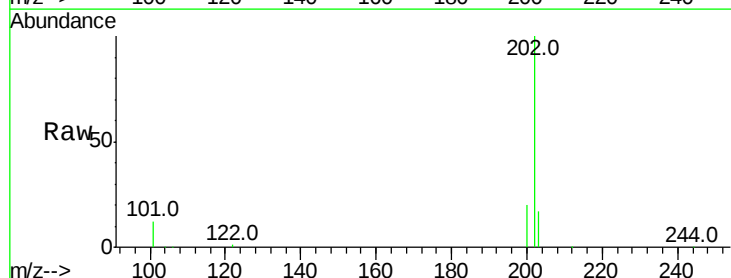
Tgt Ion:202 Resp: 126461

Ion Ratio Lower Upper

202 100

200 20.0 16.6 25.0

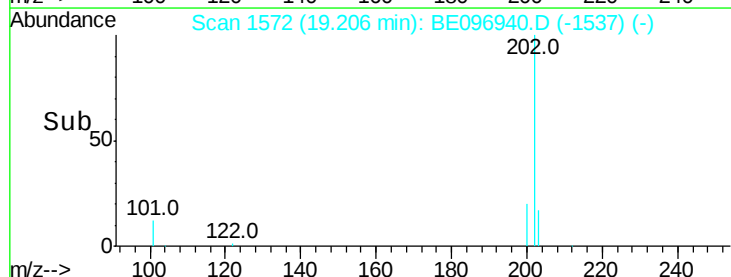
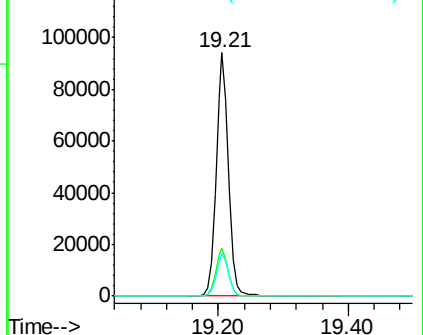
203 17.5 13.8 20.8

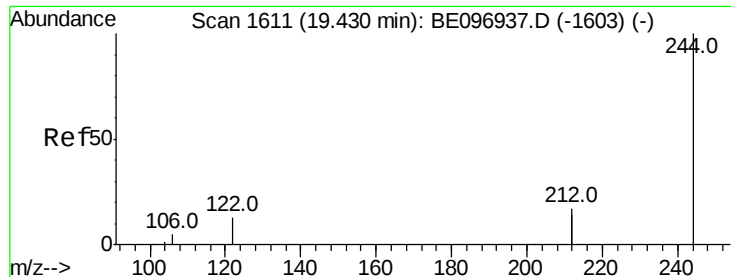


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 3.308 ng

RT: 19.44 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BE096940.D

Acq: 16 Jul 2018 15:30

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

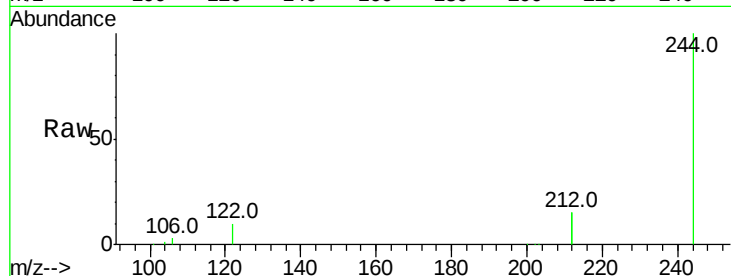
Tot Ion:244 Resp: 83893

Ion Ratio Lower Upper

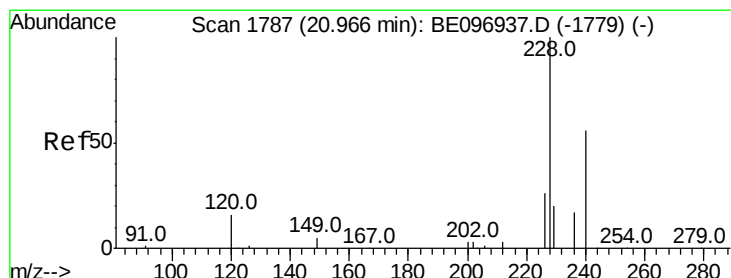
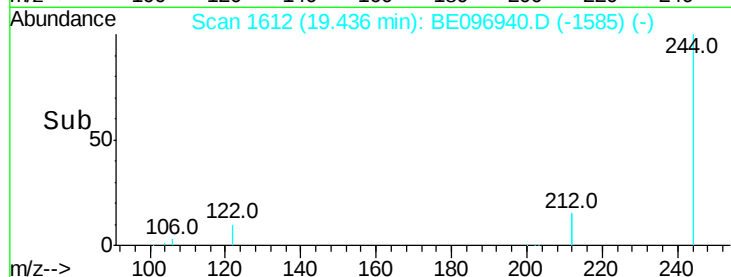
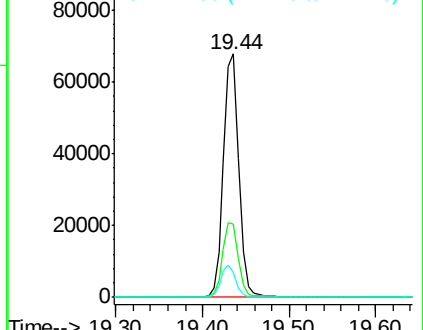
244 100

212 30.2 25.4 38.0

122 10.1 8.1 12.1



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: 3.649 ng

RT: 20.96 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BE096940.D

Acq: 16 Jul 2018 15:30

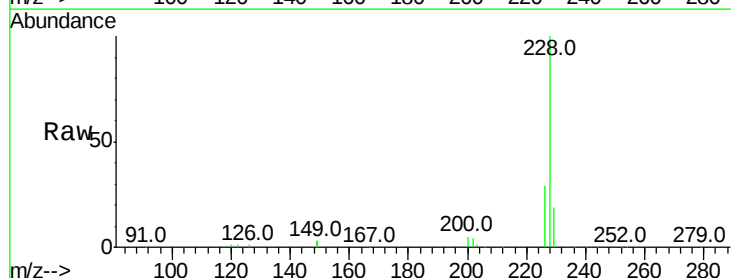
Tgt Ion:228 Resp: 114212

Ion Ratio Lower Upper

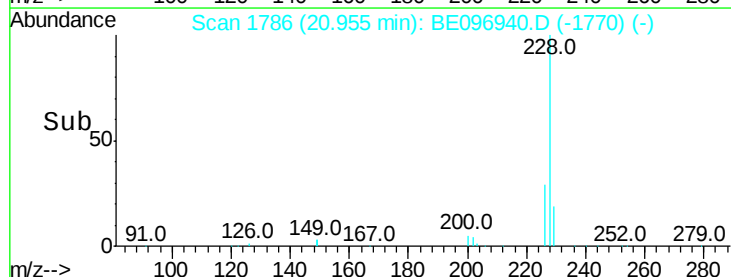
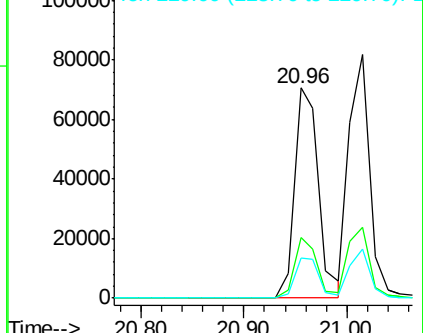
228 100

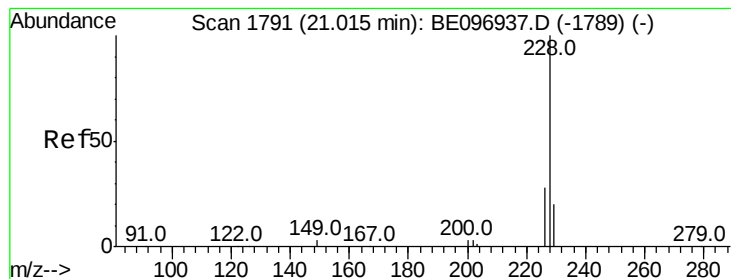
226 28.8 24.0 36.0

229 19.2 16.0 24.0



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: 3.257 ng

RT: 21.02 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BE096940.D

Acq: 16 Jul 2018 15:30

Instrument :

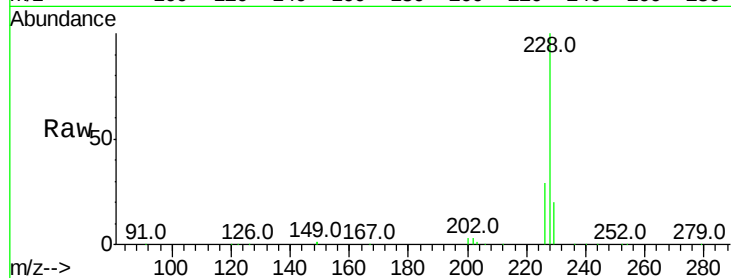
BNA_E

ClientSampleId :

SSTDICC3.2

Tot Ion:228 Resp: 114336

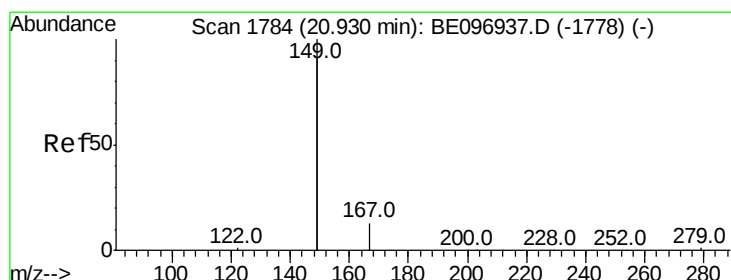
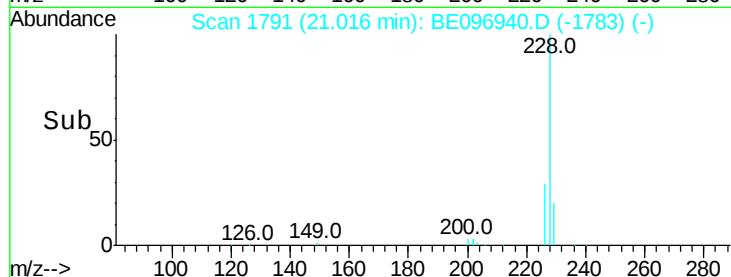
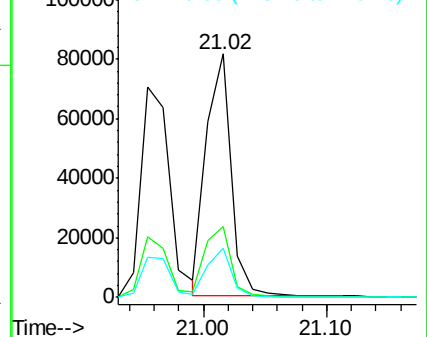
Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.0	36.0
229	20.2	16.0	24.0



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: 4.766 ng

RT: 20.93 min Scan# 1784

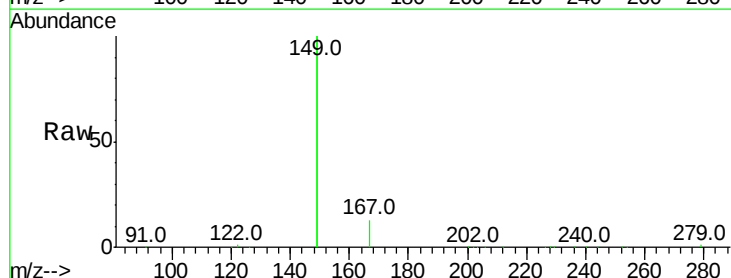
Delta R.T. 0.00 min

Lab File: BE096940.D

Acq: 16 Jul 2018 15:30

Tgt Ion:149 Resp: 148916

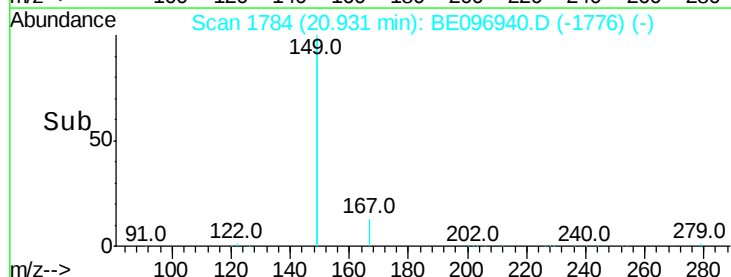
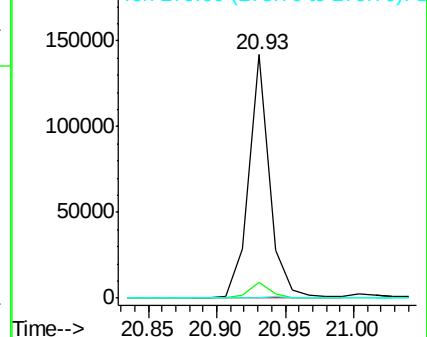
Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	0.8	0.7	1.1



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

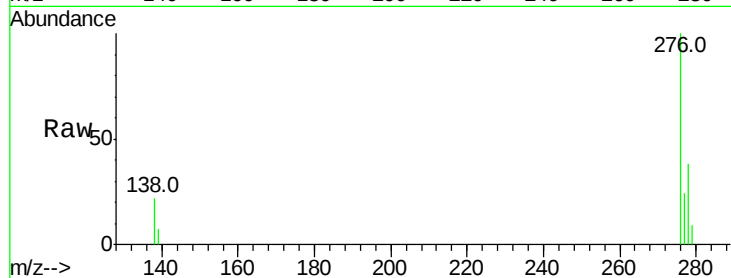




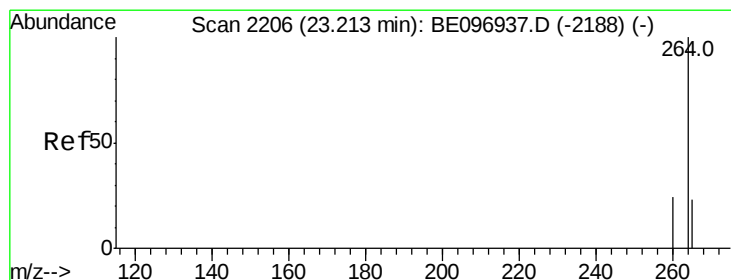
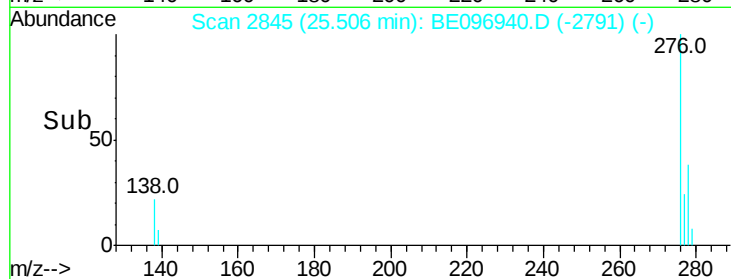
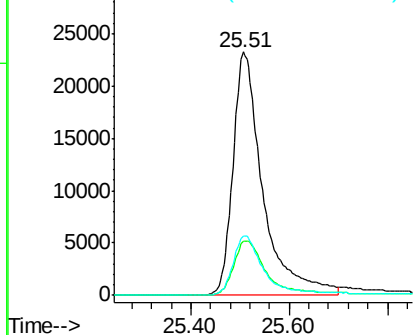
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.821 ng
 RT: 25.51 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BE096940.D
 Acq: 16 Jul 2018 15:30

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Tot Ion:276 Resp: 97718
 Ion Ratio Lower Upper
 276 100
 138 24.2 22.5 33.7
 277 24.8 19.9 29.9

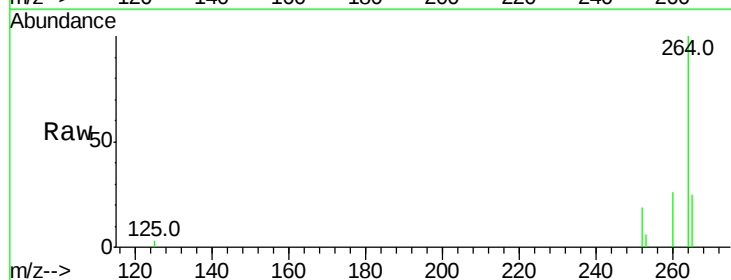


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

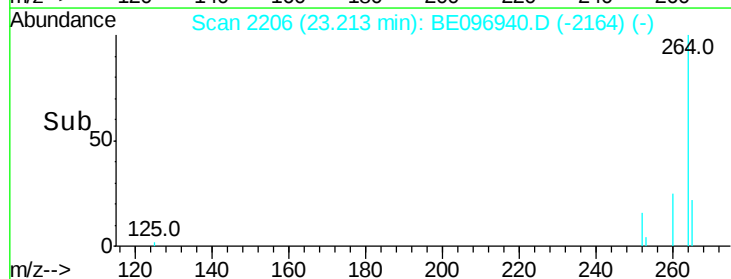
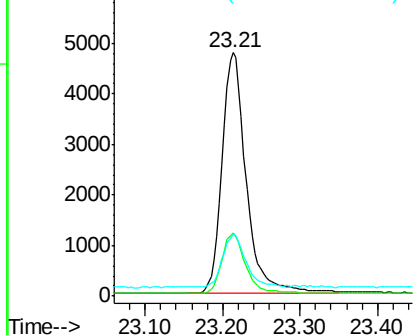


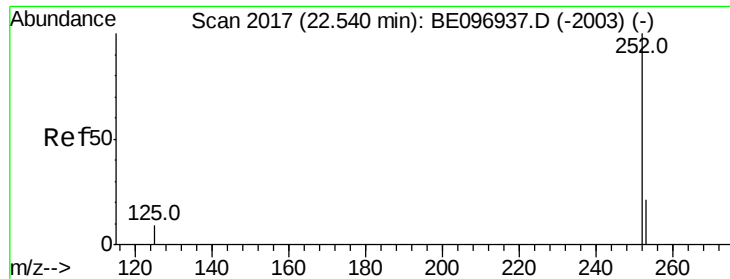
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BE096940.D
 Acq: 16 Jul 2018 15:30

Tgt Ion:264 Resp: 10409
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.5 30.7
 265 25.2 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

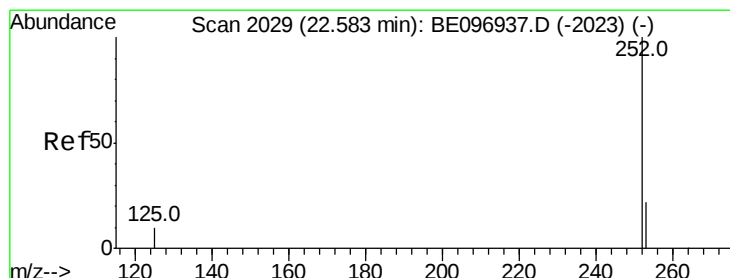
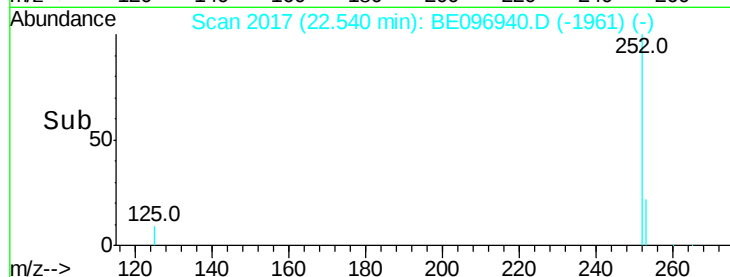
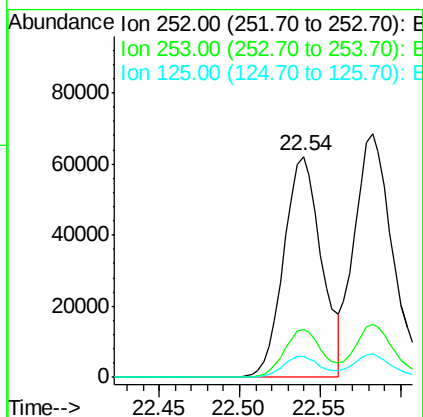
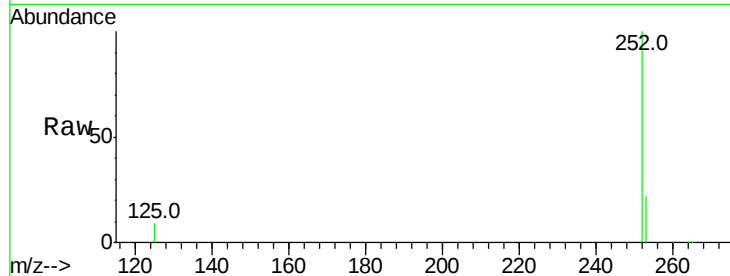




#35
Benzo(b)fluoranthene
Concen: 3.795 ng
RT: 22.54 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

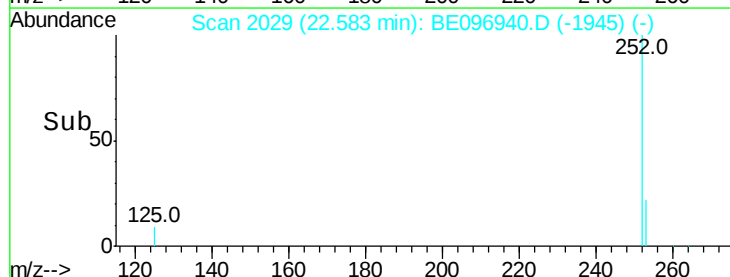
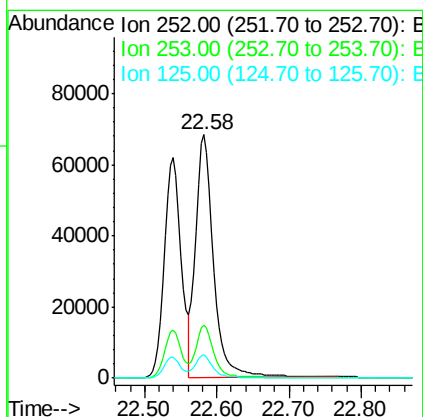
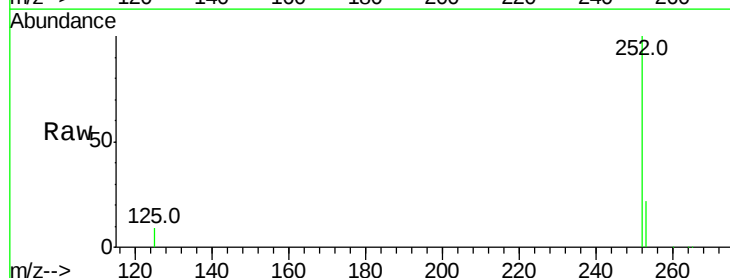
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

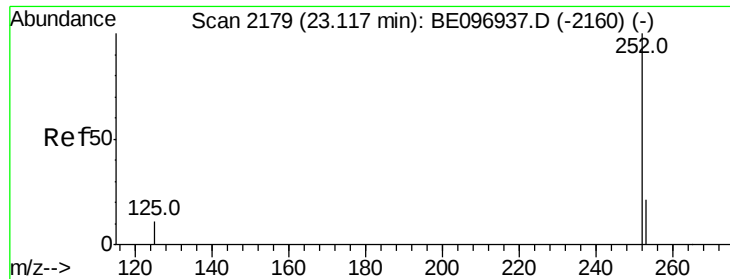
Tot Ion:252 Resp: 100820
Ion Ratio Lower Upper
252 100
253 21.9 20.0 30.0
125 9.5 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 3.758 ng
RT: 22.58 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Tgt Ion:252 Resp: 118733
Ion Ratio Lower Upper
252 100
253 22.0 16.0 24.0
125 9.4 8.0 12.0

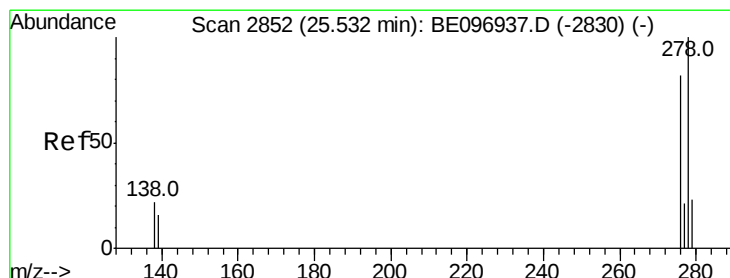
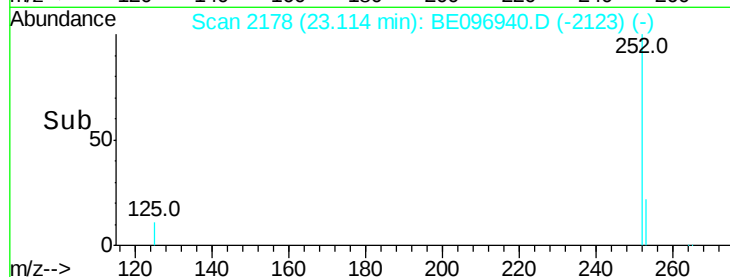
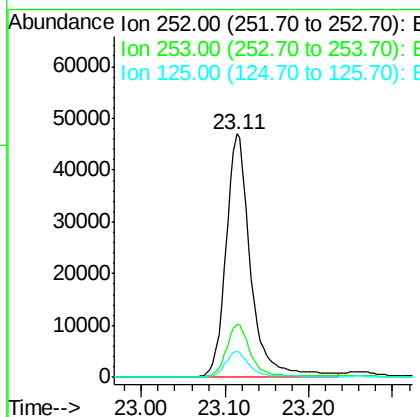
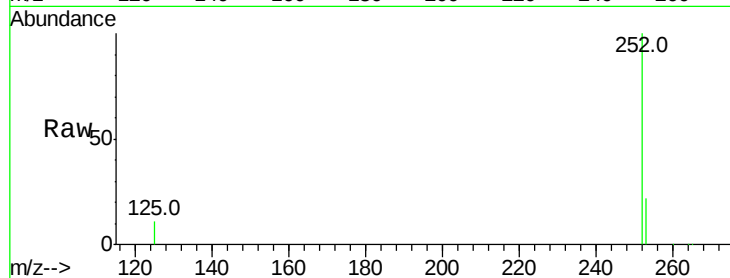




#37
Benzo(a)pyrene
Concen: 3.237 ng
RT: 23.11 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

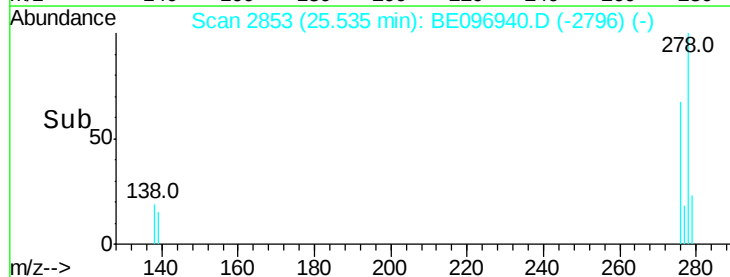
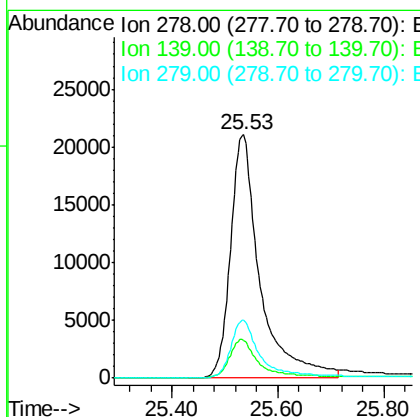
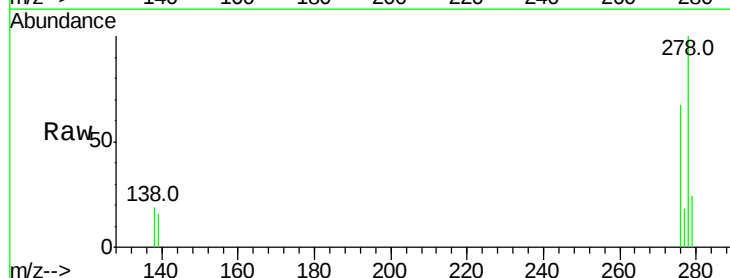
Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

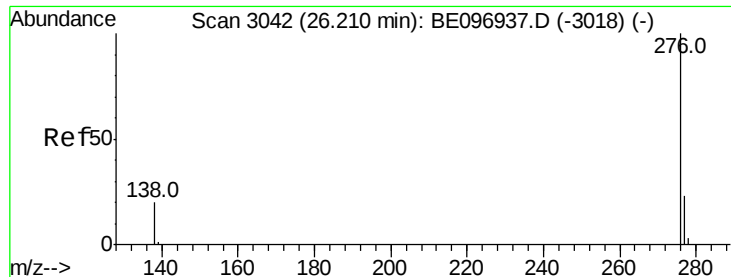
Tot Ion:252 Resp: 94842
Ion Ratio Lower Upper
252 100
253 21.8 16.0 24.0
125 10.7 12.0 18.0#



#38
Dibenzo(a,h)anthracene
Concen: 3.243 ng
RT: 25.53 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BE096940.D
Acq: 16 Jul 2018 15:30

Tgt Ion:278 Resp: 81163
Ion Ratio Lower Upper
278 100
139 15.6 16.0 24.0#
279 23.7 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 3.843 ng

RT: 26.21 min Scan# 3041

Delta R.T. -0.00 min

Lab File: BE096940.D

Acq: 16 Jul 2018 15:30

Instrument :

BNA_E

ClientSampleId :

SSTDICC3.2

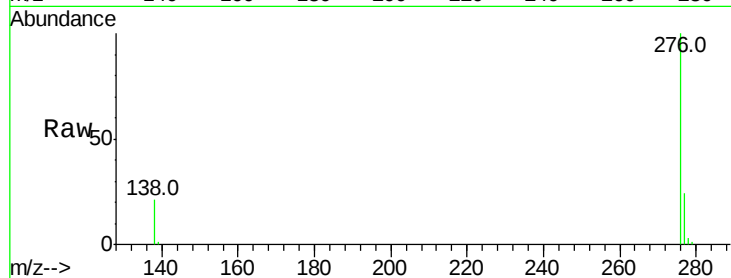
Tot Ion:276 Resp: 83009

Ion Ratio Lower Upper

276 100

277 23.7 16.0 24.0

138 20.8 20.0 30.0



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

