

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
 Data File : BE096934.D
 Acq On : 16 Jul 2018 11:28
 Operator : SJ/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 17 16:40:27 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	2257	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	12163	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	6791	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	15952	0.40	ng	-0.01
27) Chrysene-d12	20.98	240	14009	0.40	ng	0.00
34) Perylene-d12	23.21	264	13511	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	2436	0.45	ng	0.00
5) Phenol-d6	6.58	99	3859	0.47	ng	-0.01
8) Nitrobenzene-d5	8.52	82	4024	0.45	ng	-0.01
11) 2-Methylnaphthalene-d10	11.73	152	7079	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	741	0.48	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	10758	0.43	ng	0.00
25) Fluoranthene-d10	18.81	212	53266	0.38	ng	0.00
29) Terphenyl-d14	19.43	244	11679	0.43	ng	0.00

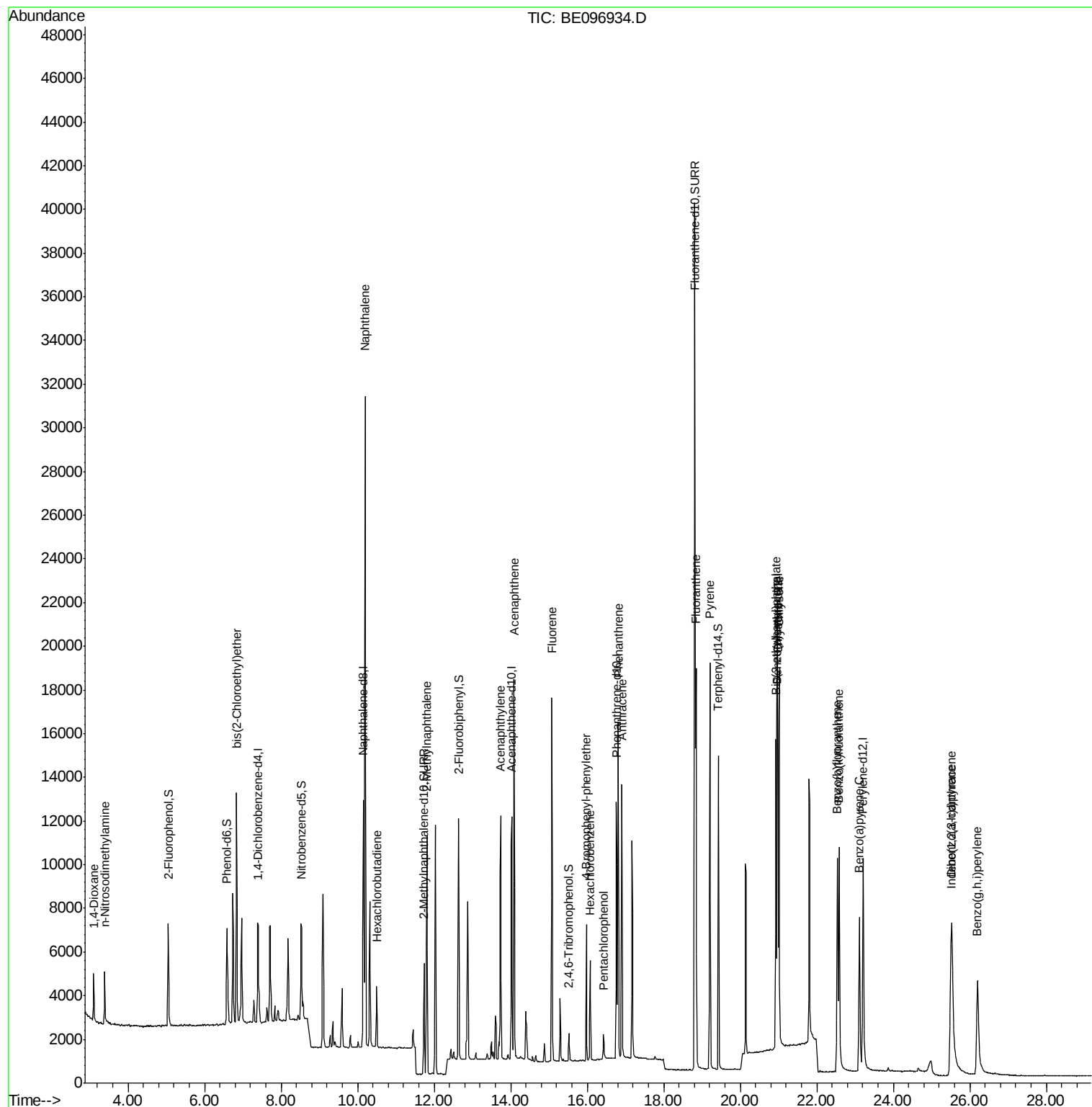
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	1251	0.387	ng	# 86
3) n-Nitrosodimethylamine	3.38	42	1502	0.413	ng	95
6) bis(2-Chloroethyl)ether	6.84	93	3299	0.408	ng	97
9) Naphthalene	10.20	128	44776	0.411	ng	100
10) Hexachlorobutadiene	10.50	225	1814	0.412	ng	98
12) 2-Methylnaphthalene	11.81	142	7656	0.415	ng	99
16) Acenaphthylene	13.74	152	12489	0.403	ng	100
17) Acenaphthene	14.08	154	7949	0.412	ng	95
18) Fluorene	15.08	166	9015	0.416	ng	# 80
20) 4-Bromophenyl-phenylether	15.97	248	3107	0.412	ng	# 69
21) Hexachlorobenzene	16.08	284	3378	0.403	ng	# 80
22) Pentachlorophenol	16.43	266	648	0.516	ng	# 75
23) Phenanthrene	16.81	178	15604	0.408	ng	98
24) Anthracene	16.91	178	13830	0.416	ng	96
26) Fluoranthene	18.84	202	16609	0.412	ng	99
28) Pyrene	19.20	202	16565	0.401	ng	99
30) Benzo(a)anthracene	20.95	228	14163	0.425	ng	98
31) Chrysene	21.01	228	15070	0.403	ng	99
32) Bis(2-ethylhexyl)phthalate	20.93	149	15122	0.454	ng	100
33) Indeno(1,2,3-cd)pyrene	25.51	276	14023	0.514	ng	# 82
35) Benzo(b)fluoranthene	22.54	252	12621	0.366	ng	# 89
36) Benzo(k)fluoranthene	22.58	252	15266	0.372	ng	96
37) Benzo(a)pyrene	23.11	252	11885	0.404	ng	# 93
38) Dibenzo(a,h)anthracene	25.53	278	11678	0.464	ng	98
39) Benzo(g,h,i)perylene	26.20	276	11912	0.425	ng	# 93

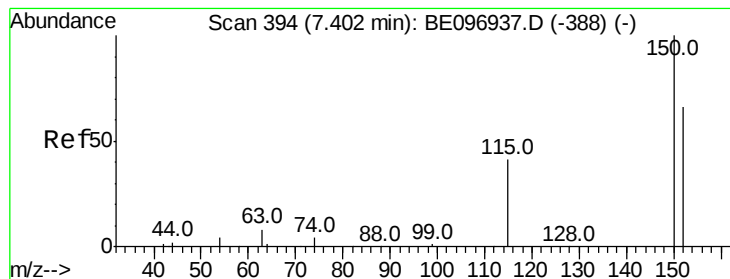
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071618\
Data File : BE096934.D
Acq On : 16 Jul 2018 11:28
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 17 16:40:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071618.M
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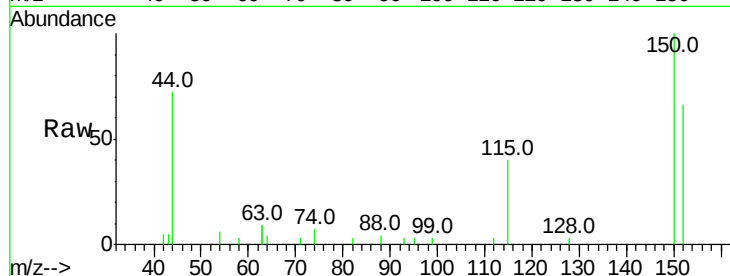


#1

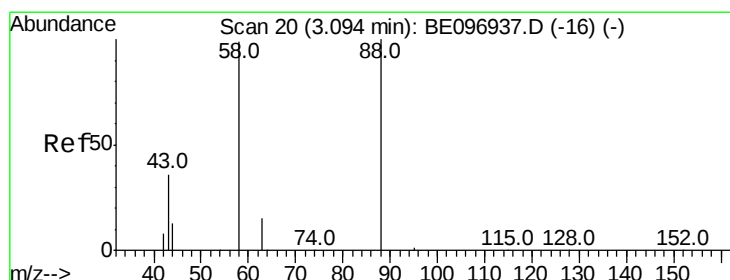
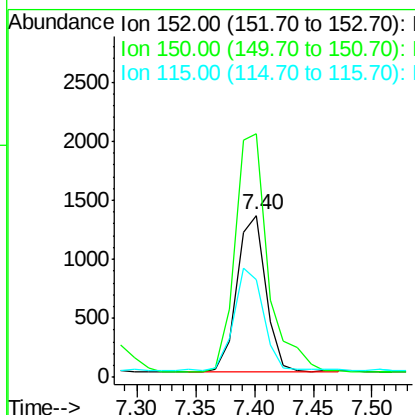
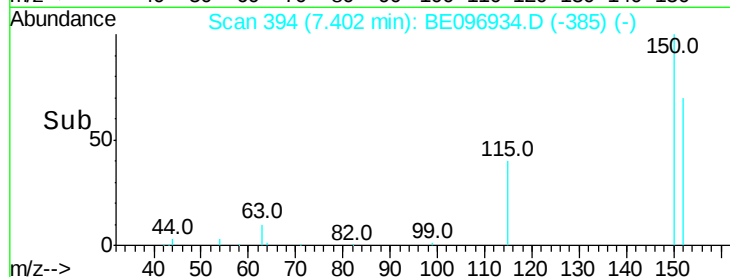
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2257
Ion Ratio Lower Upper
152 100
150 150.5 117.2 175.8
115 60.3 57.0 85.6



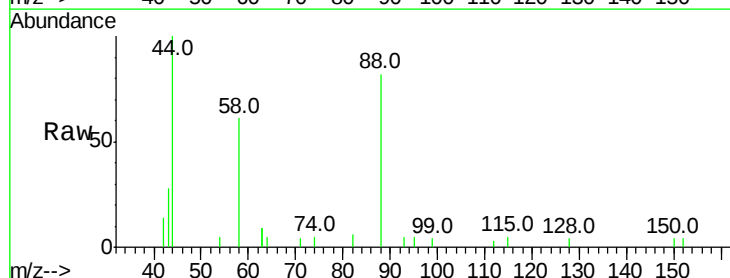
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



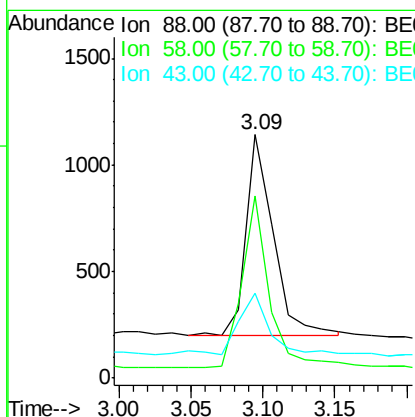
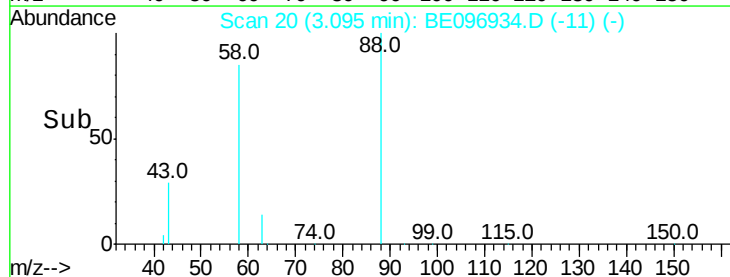
#2

1,4-Dioxane
Concen: 0.387 ng
RT: 3.09 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Tgt Ion: 88 Resp: 1251
Ion Ratio Lower Upper
88 100
58 84.1 63.2 94.8
43 33.7 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



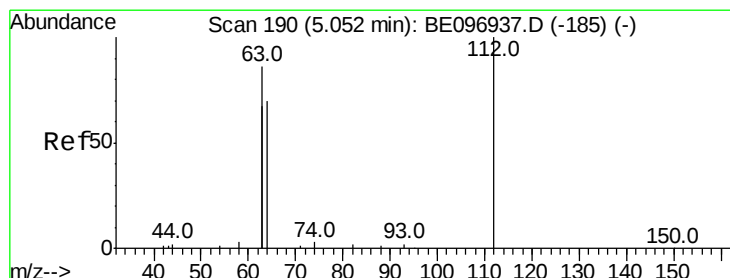
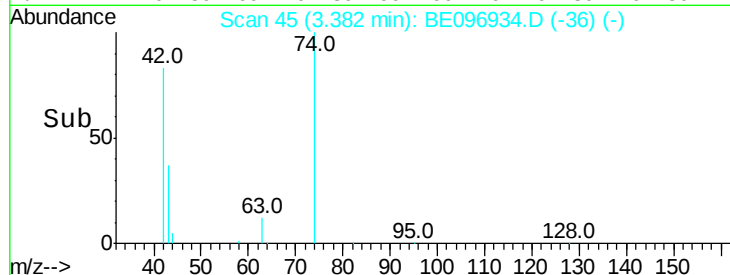
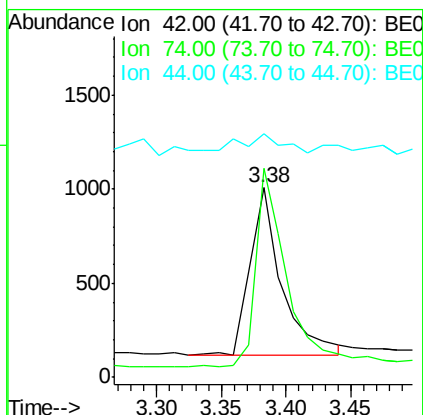
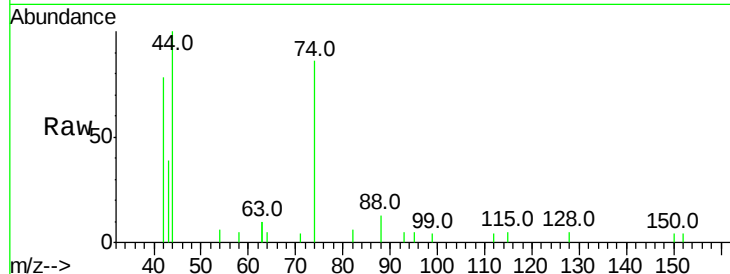


#3

n-Nitrosodimethylamine
 Concen: 0.413 ng
 RT: 3.38 min Scan# 45
 Delta R.T. 0.00 min
 Lab File: BE096934.D
 Acq: 16 Jul 2018 11:28

Instrument :
 BNA_E
 ClientSampleId :

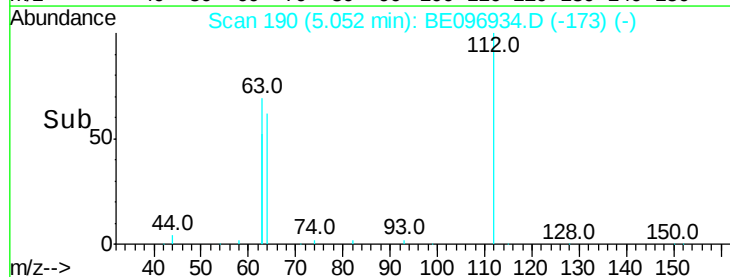
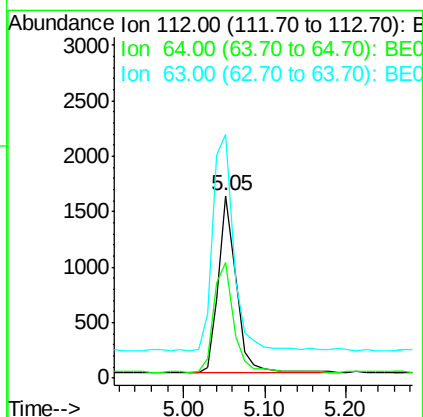
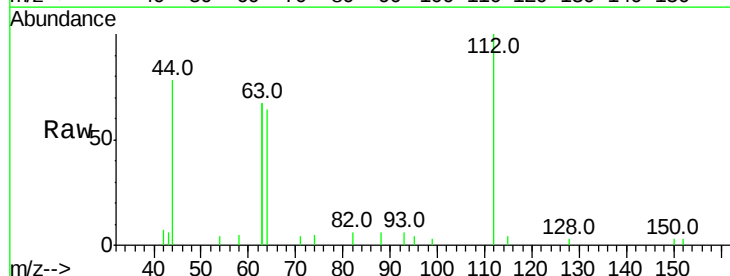
Tot Ion: 42 Resp: 1502
 Ion Ratio Lower Upper
 42 100
 74 114.2 96.0 144.0
 44 14.8 12.0 18.0

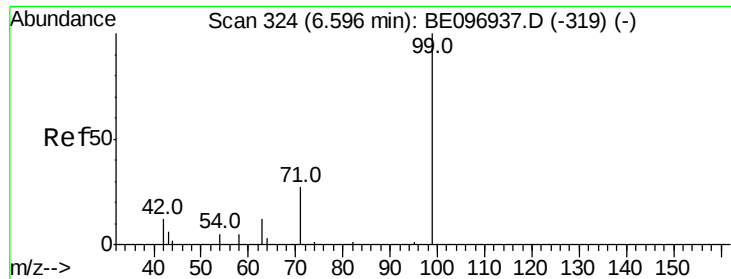


#4

2-Fluorophenol
 Concen: 0.451 ng
 RT: 5.05 min Scan# 190
 Delta R.T. 0.00 min
 Lab File: BE096934.D
 Acq: 16 Jul 2018 11:28

Tgt Ion: 112 Resp: 2436
 Ion Ratio Lower Upper
 112 100
 64 69.5 60.1 90.1
 63 146.3 116.8 175.2





#5

Phenol-d6

Concen: 0.468 ng

RT: 6.58 min Scan# 323

Delta R.T. -0.01 min

Lab File: BE096934.D

Acq: 16 Jul 2018 11:28

Instrument :

BNA_E

ClientSampleId :

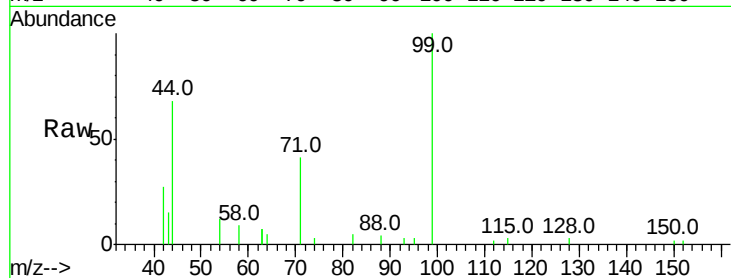
Tot Ion: 99 Resp: 3859

Ion Ratio Lower Upper

99 100

42 22.9 20.2 30.2

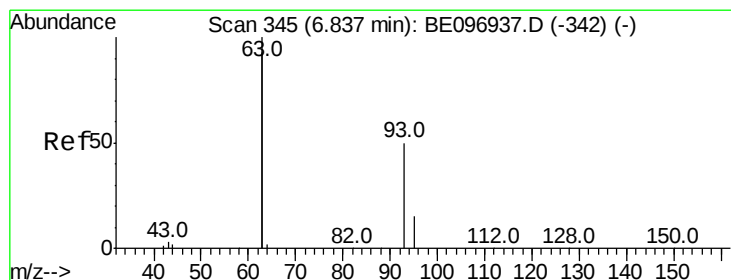
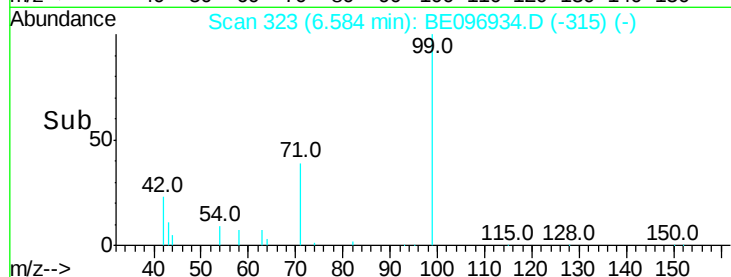
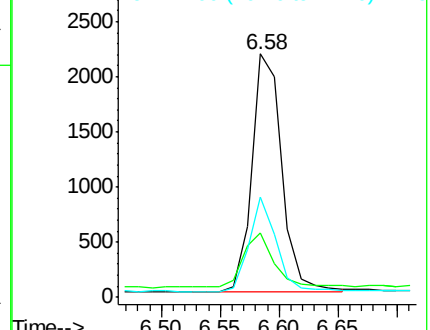
71 35.8 28.4 42.6



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: 0.408 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE096934.D

Acq: 16 Jul 2018 11:28

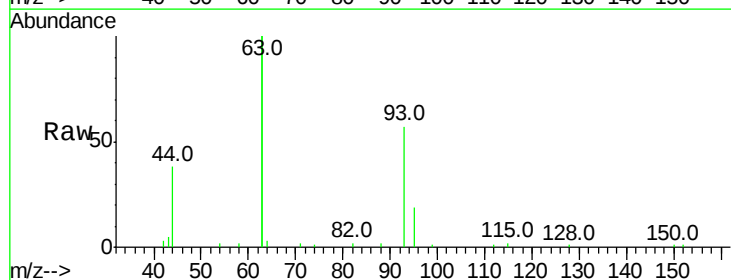
Tgt Ion: 93 Resp: 3299

Ion Ratio Lower Upper

93 100

63 336.8 275.3 412.9

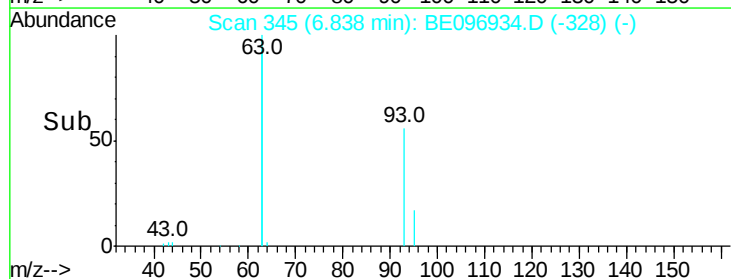
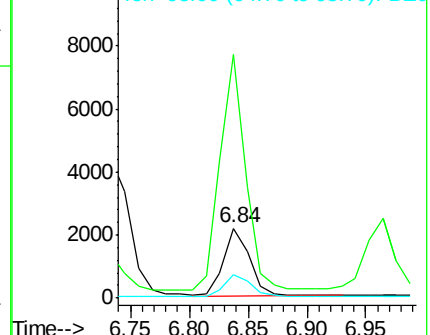
95 31.8 25.2 37.8

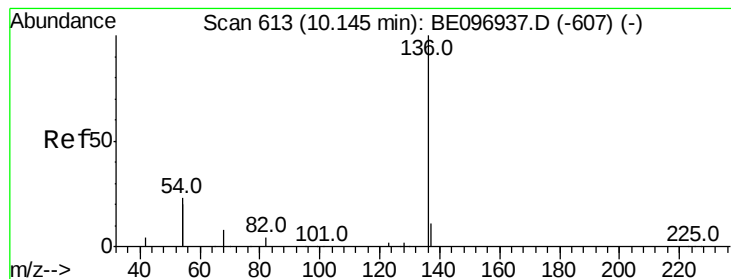


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.15 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE096934.D

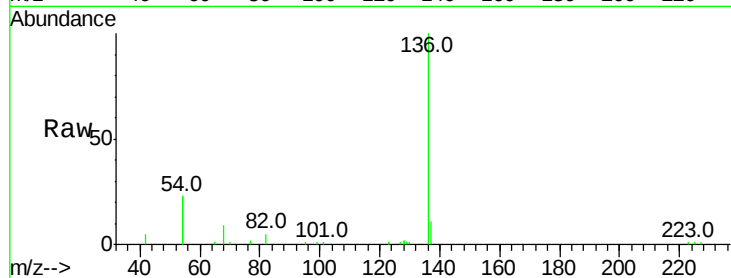
Acq: 16 Jul 2018 11:28

Instrument :

BNA_E

ClientSampled :

Tot Ion:136	Resp:	12163
Ion Ratio	Lower	Upper
136 100		
137 10.9	9.5	14.3
54 45.2	29.1	43.7
68 8.7	6.2	9.2

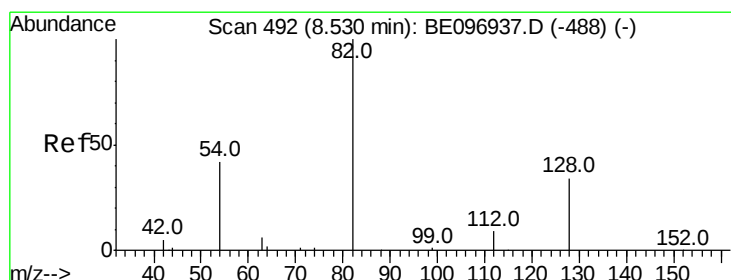
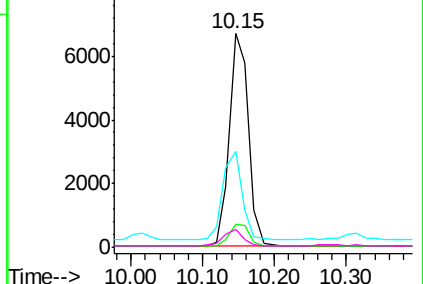
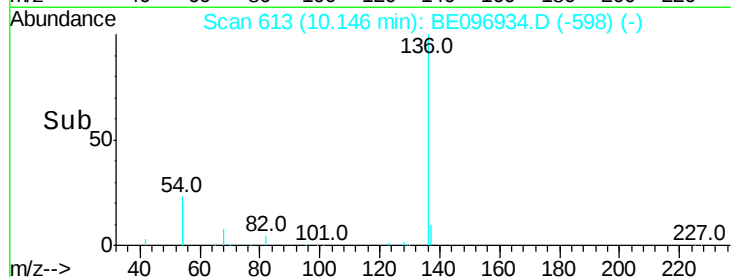


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.454 ng

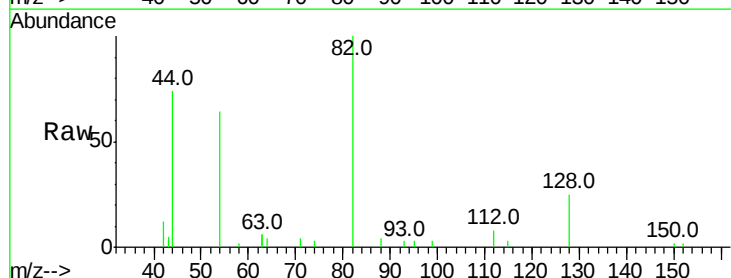
RT: 8.52 min Scan# 491

Delta R.T. -0.01 min

Lab File: BE096934.D

Acq: 16 Jul 2018 11:28

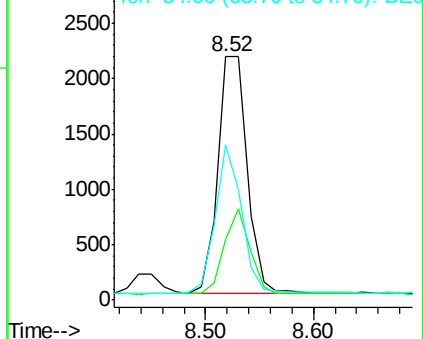
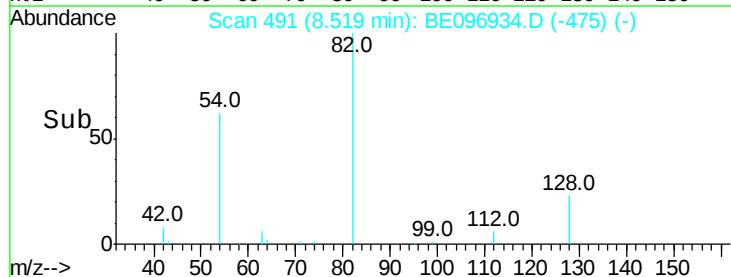
Tgt Ion: 82	Resp:	4024
Ion Ratio	Lower	Upper
82 100		
128 24.9	24.0	36.0
54 63.6	40.0	60.0



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: 0.411 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE096934.D

Acq: 16 Jul 2018 11:28

Instrument :

BNA_E

ClientSampleId :

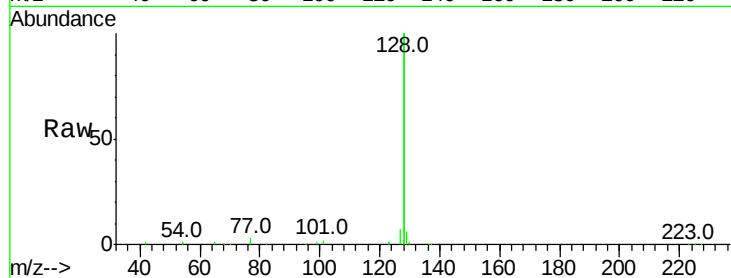
Tot Ion:128 Resp: 44776

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

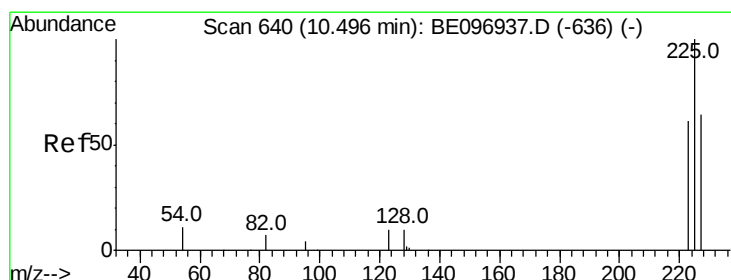
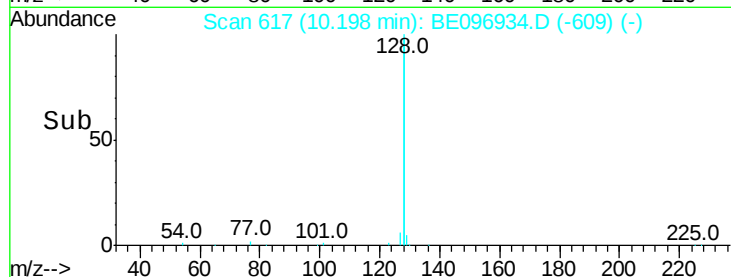
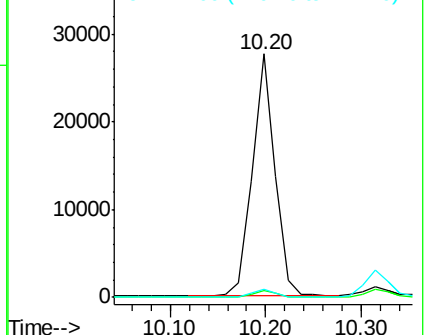
127 3.4 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.412 ng

RT: 10.50 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE096934.D

Acq: 16 Jul 2018 11:28

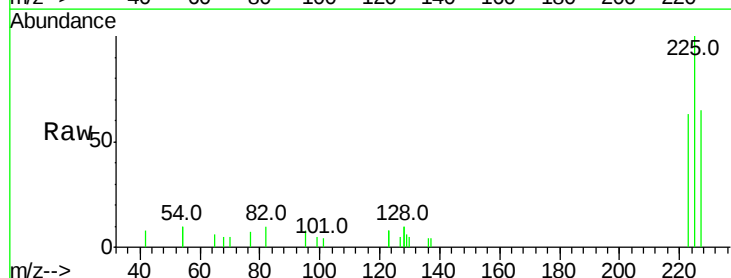
Tgt Ion:225 Resp: 1814

Ion Ratio Lower Upper

225 100

223 63.9 53.0 79.6

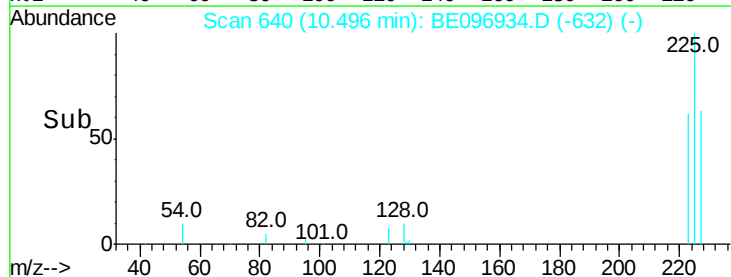
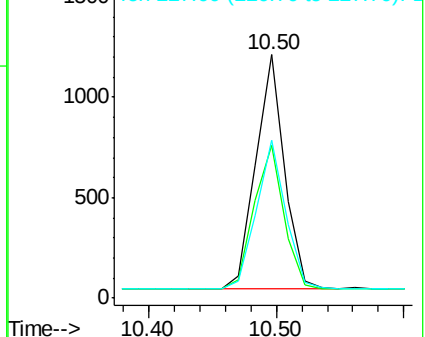
227 65.0 51.4 77.2

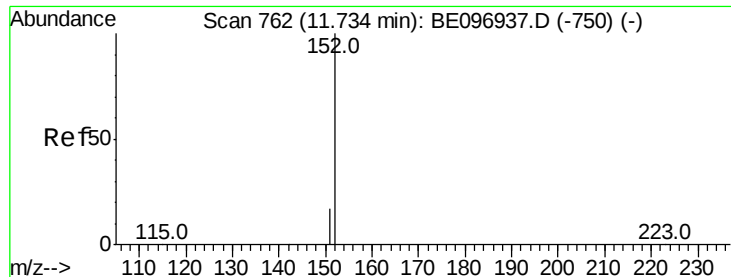


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.399 ng

RT: 11.73 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE096934.D

Acq: 16 Jul 2018 11:28

Instrument :

BNA_E

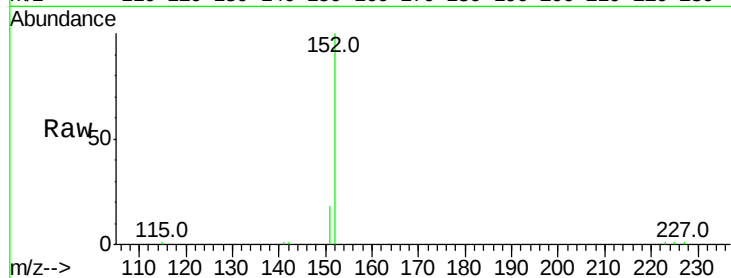
ClientSampled :

Tot Ion:152 Resp: 7079

Ion Ratio Lower Upper

152 100

151 19.1 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

4000

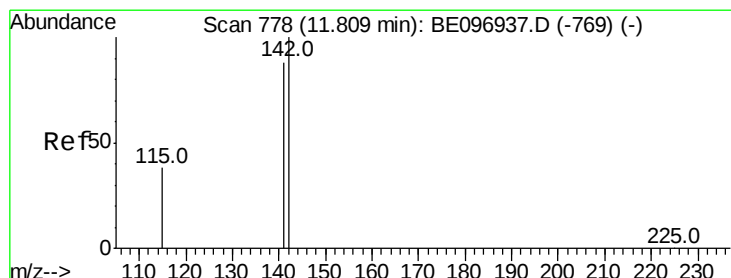
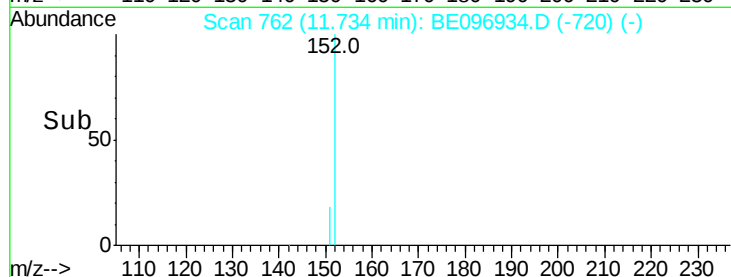
3000

2000

1000

0

Time--> 11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.415 ng

RT: 11.81 min Scan# 778

Delta R.T. 0.00 min

Lab File: BE096934.D

Acq: 16 Jul 2018 11:28

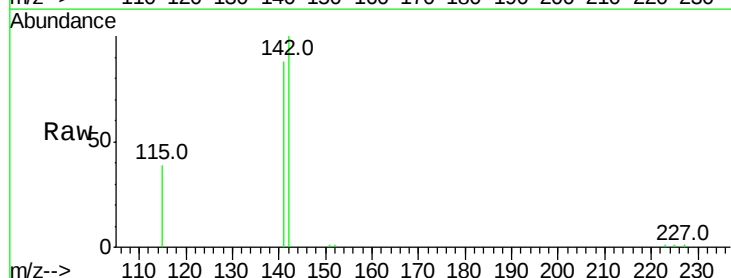
Tgt Ion:142 Resp: 7656

Ion Ratio Lower Upper

142 100

141 88.4 70.4 105.6

115 39.1 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

6000

5000

4000

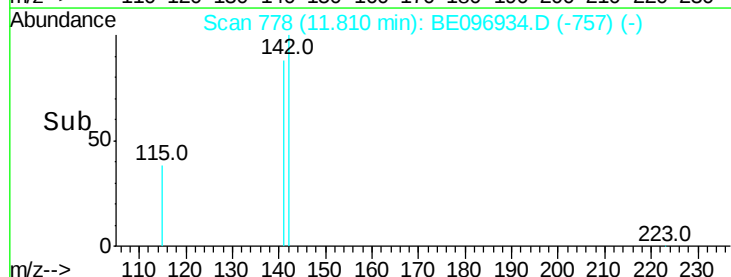
3000

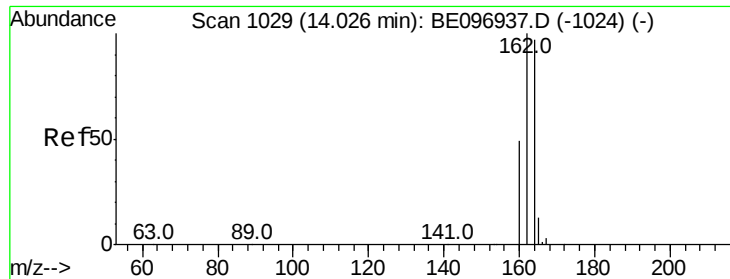
2000

1000

0

Time--> 11.70 11.80 11.90

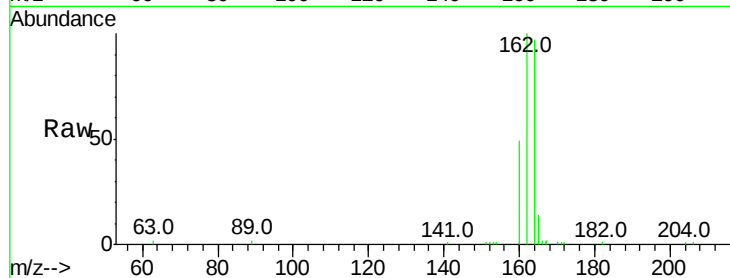




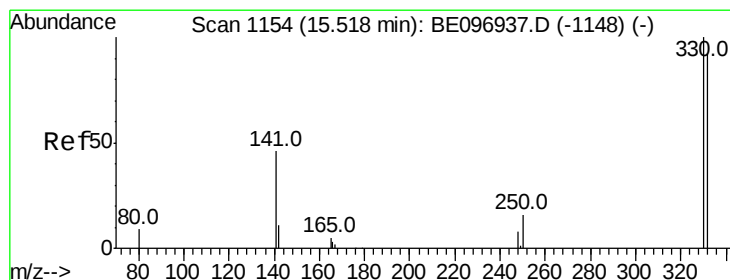
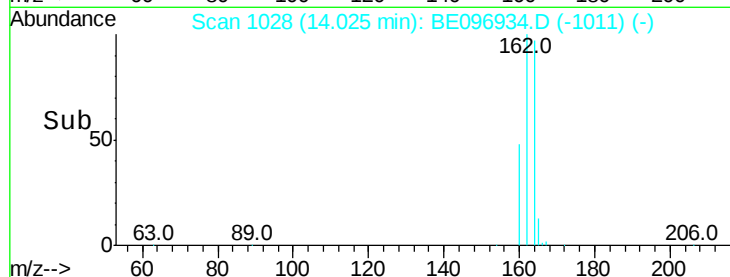
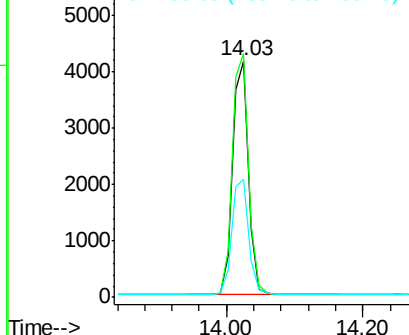
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 6791
Ion Ratio Lower Upper
164 100
162 103.1 83.1 124.7
160 50.1 37.1 55.7

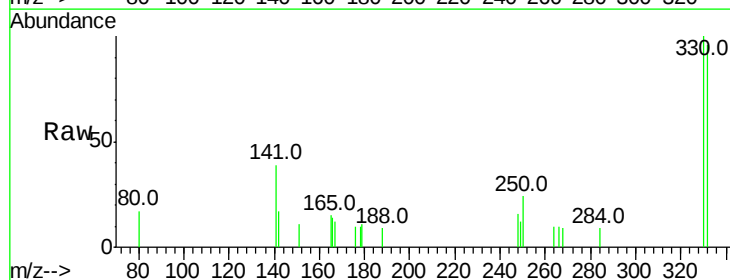


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

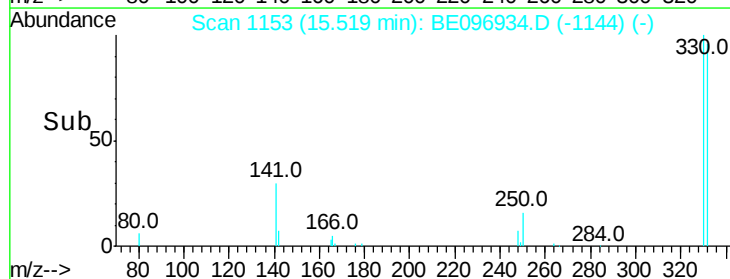
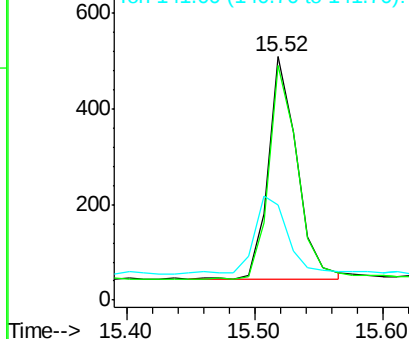


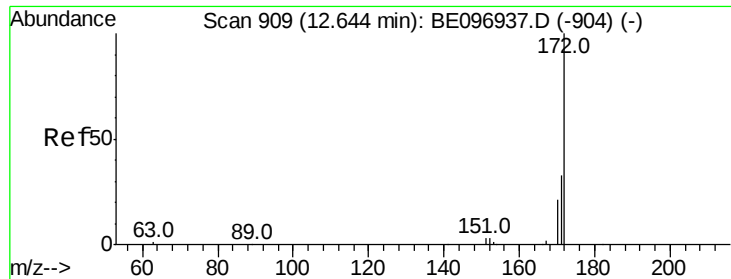
#14
2,4,6-Tribromophenol
Concen: 0.483 ng
RT: 15.52 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Tgt Ion:330 Resp: 741
Ion Ratio Lower Upper
330 100
332 93.8 152.7 229.1#
141 40.4 33.7 50.5



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

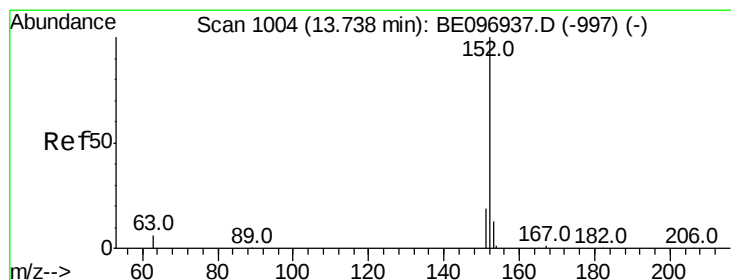
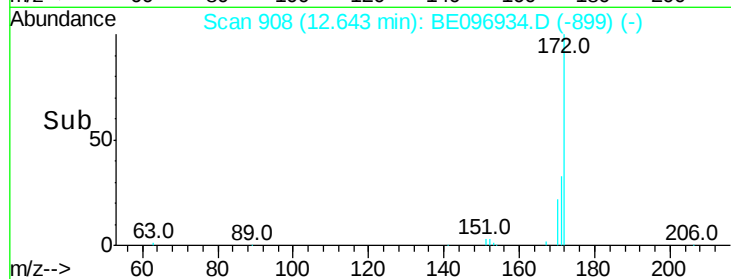
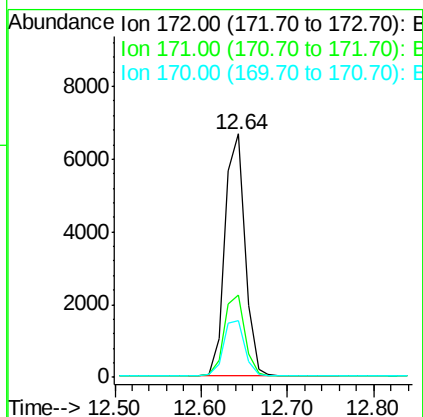
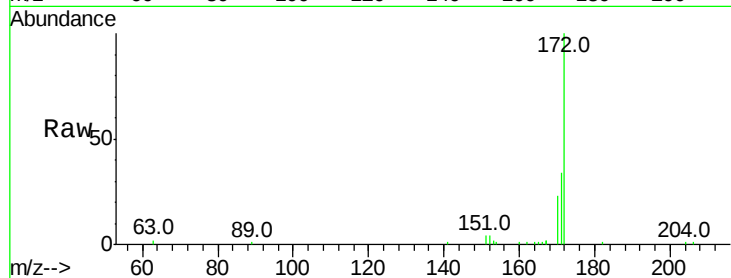




#15
2-Fluorobiphenyl
Concen: 0.426 ng
RT: 12.64 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

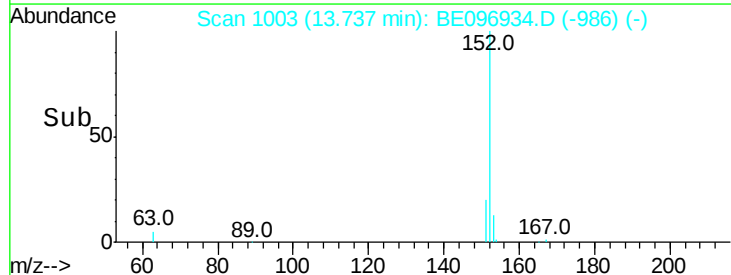
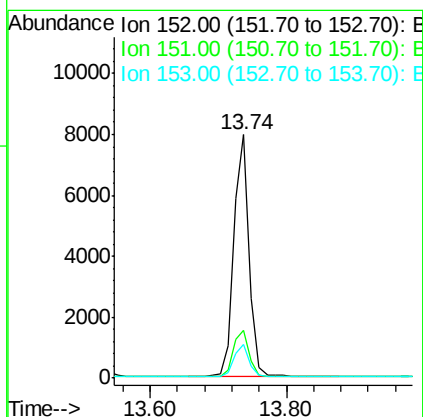
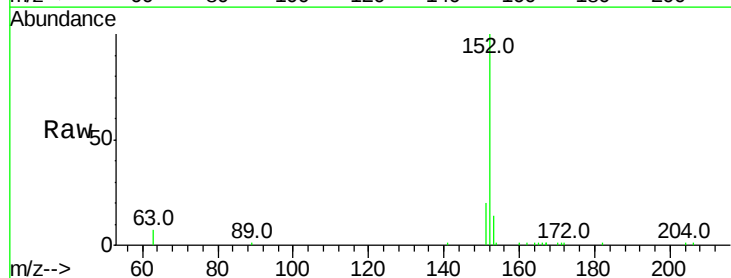
Instrument :
BNA_E
ClientSampleId :

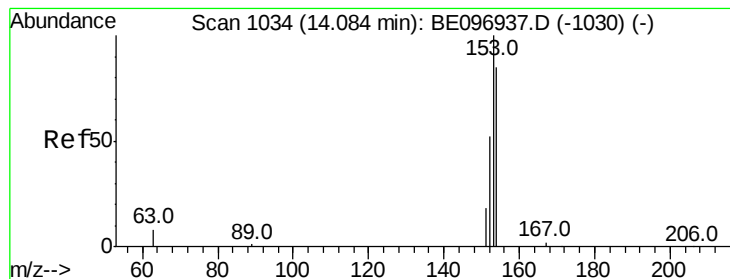
Tot Ion:172 Resp: 10758
Ion Ratio Lower Upper
172 100
171 33.9 29.9 44.9
170 23.1 21.8 32.8



#16
Acenaphthylene
Concen: 0.403 ng
RT: 13.74 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Tgt Ion:152 Resp: 12489
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 0.412 ng

RT: 14.08 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BE096934.D

Acq: 16 Jul 2018 11:28

Instrument :

BNA_E

ClientSampleId :

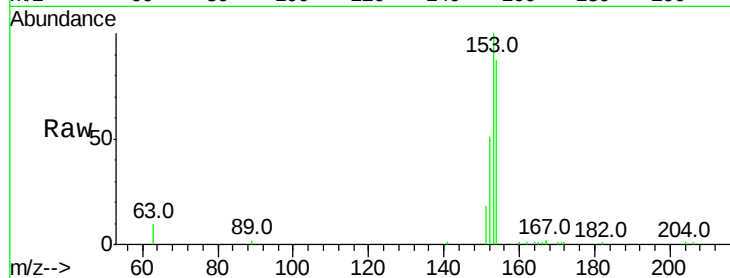
Tot Ion:154 Resp: 7949

Ion Ratio Lower Upper

154 100

153 114.4 89.2 133.8

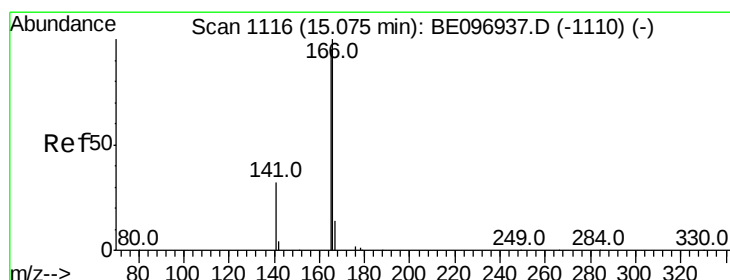
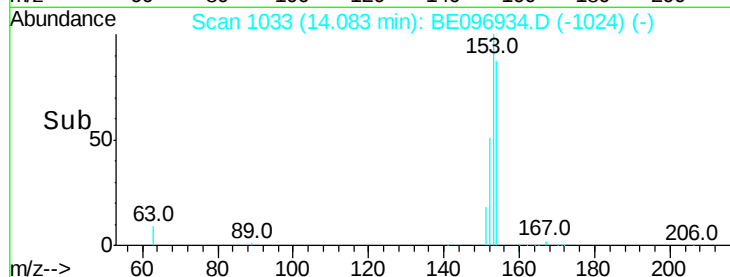
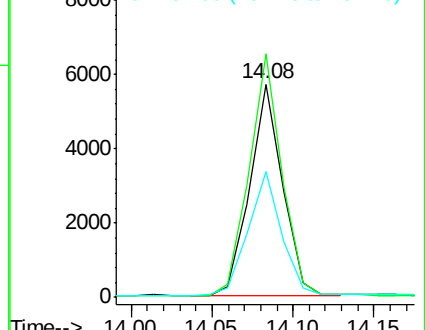
152 59.9 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.416 ng

RT: 15.08 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE096934.D

Acq: 16 Jul 2018 11:28

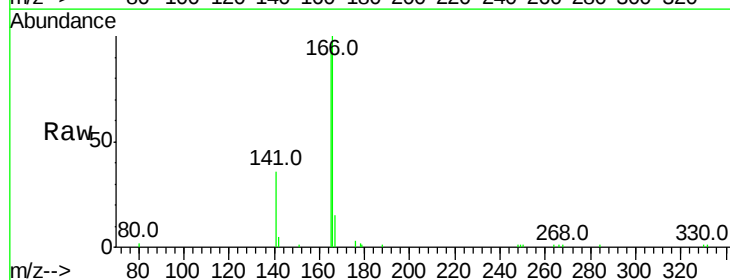
Tgt Ion:166 Resp: 9015

Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.6

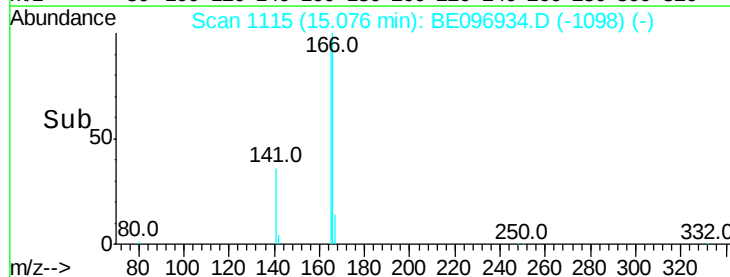
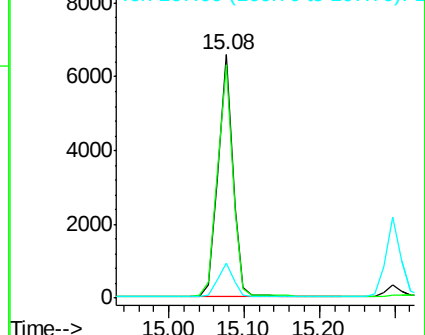
167 14.3 42.4 63.6#

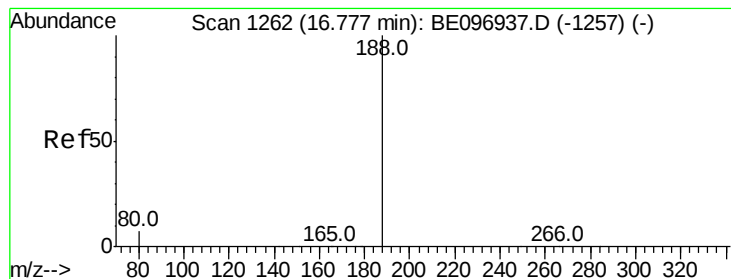


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.77 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BE096934.D

Acq: 16 Jul 2018 11:28

Instrument :

BNA_E

ClientSampled :

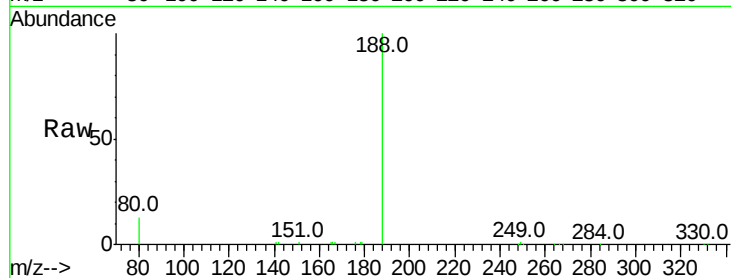
Tot Ion:188 Resp: 15952

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

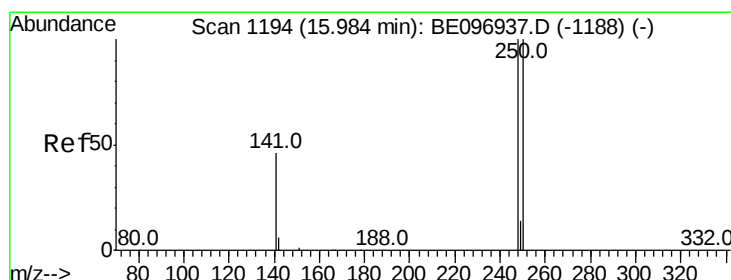
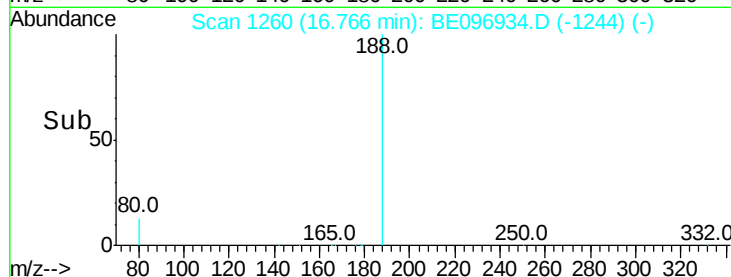
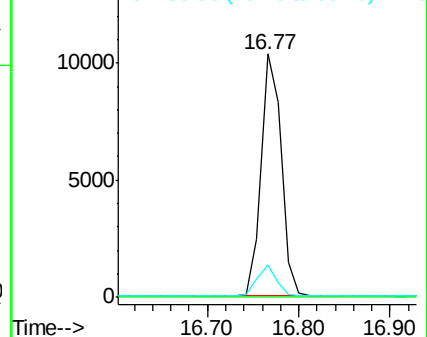
80 13.5 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.412 ng

RT: 15.97 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BE096934.D

Acq: 16 Jul 2018 11:28

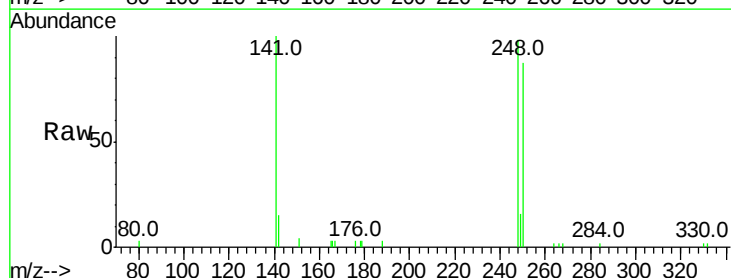
Tgt Ion:248 Resp: 3107

Ion Ratio Lower Upper

248 100

250 88.6 62.7 94.1

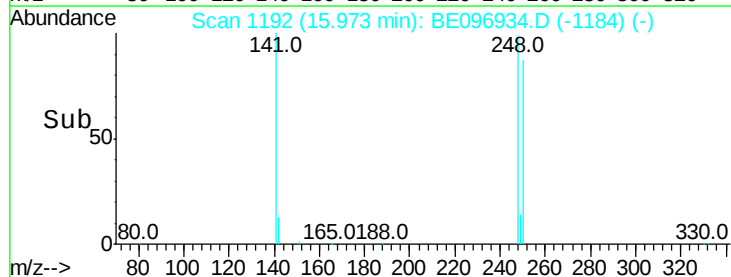
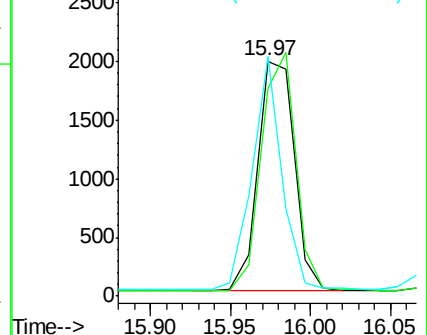
141 102.1 48.2 72.2#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.403 ng

RT: 16.08 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BE096934.D

Acq: 16 Jul 2018 11:28

Instrument :

BNA_E

ClientSampled :

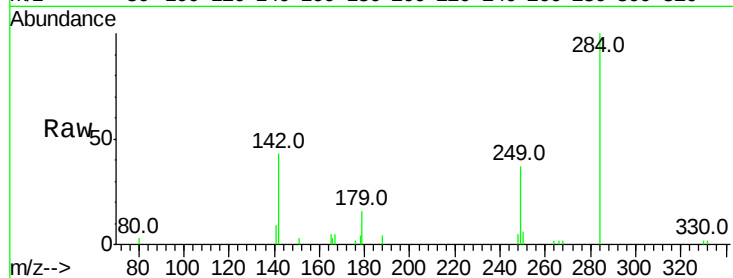
Tot Ion:284 Resp: 3378

Ion Ratio Lower Upper

284 100

142 40.1 22.1 33.1#

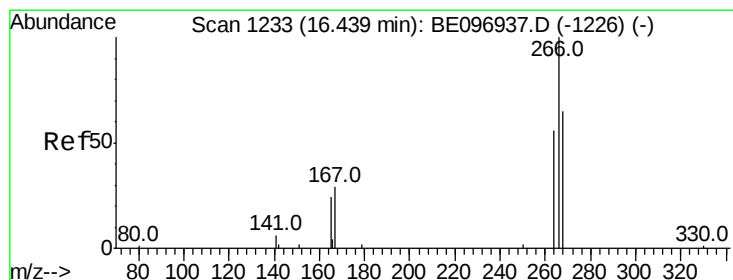
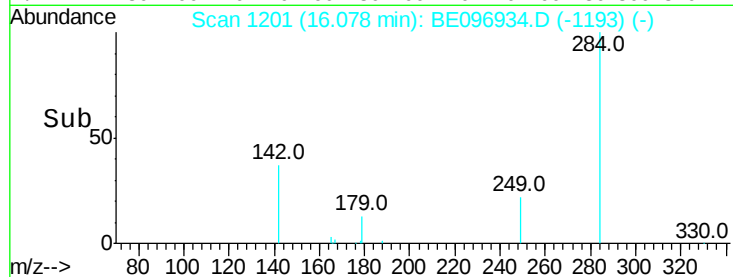
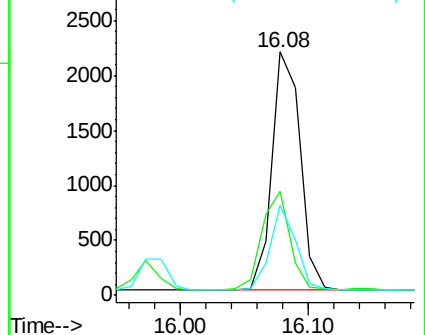
249 32.1 34.8 52.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.516 ng

RT: 16.43 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BE096934.D

Acq: 16 Jul 2018 11:28

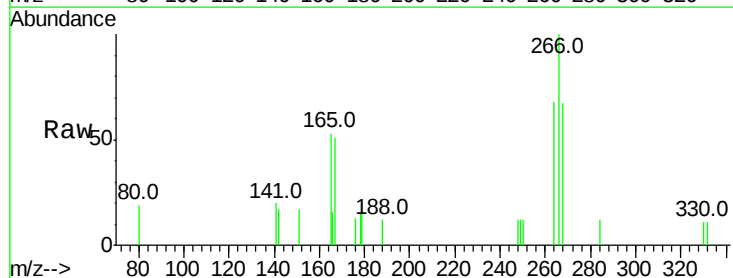
Tgt Ion:266 Resp: 648

Ion Ratio Lower Upper

266 100

264 68.2 72.5 108.7#

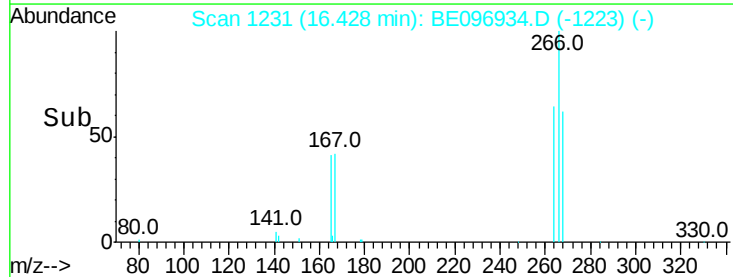
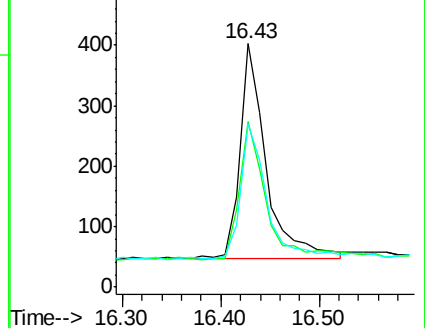
268 66.7 73.8 110.6#



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: 0.408 ng

RT: 16.81 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BE096934.D

Acq: 16 Jul 2018 11:28

Instrument :

BNA_E

ClientSampled :

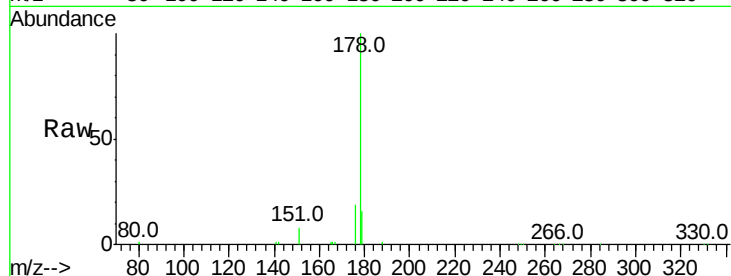
Tot Ion:178 Resp: 15604

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

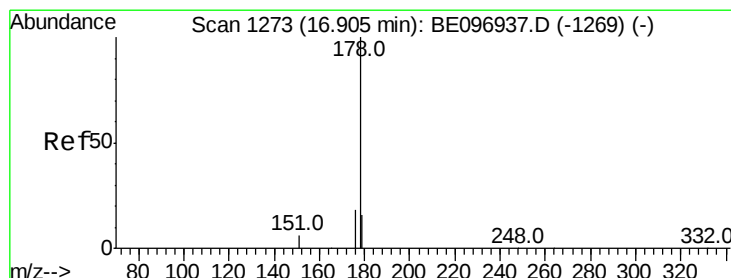
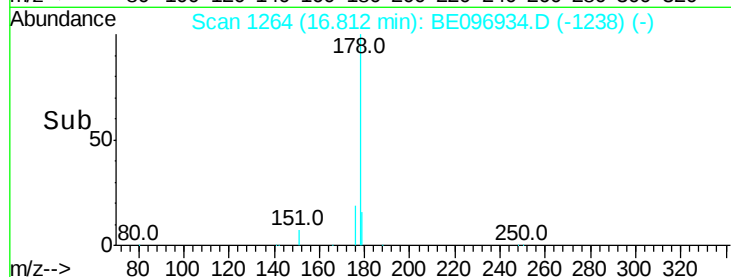
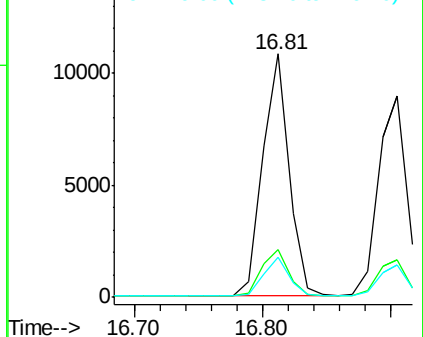
179 15.6 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.416 ng

RT: 16.91 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BE096934.D

Acq: 16 Jul 2018 11:28

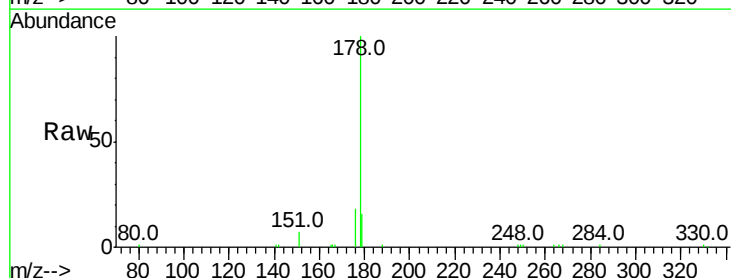
Tgt Ion:178 Resp: 13830

Ion Ratio Lower Upper

178 100

176 18.5 12.8 19.2

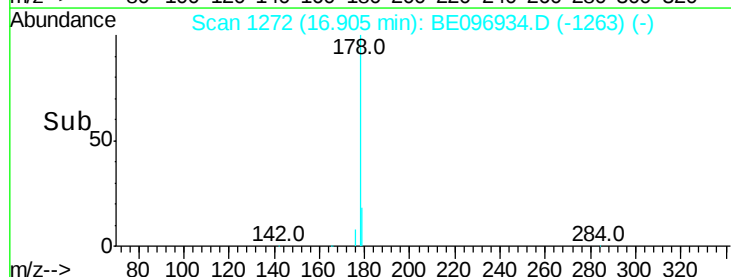
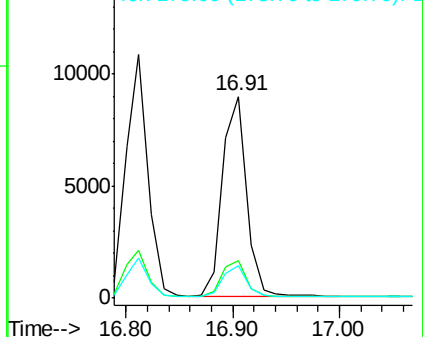
179 15.3 13.0 19.6

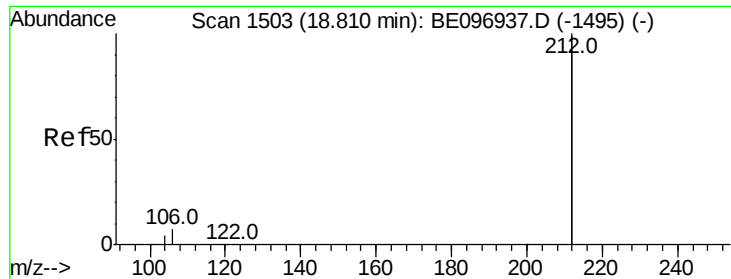


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.384 ng

RT: 18.81 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BE096934.D

Acq: 16 Jul 2018 11:28

Instrument :

BNA_E

ClientSampleId :

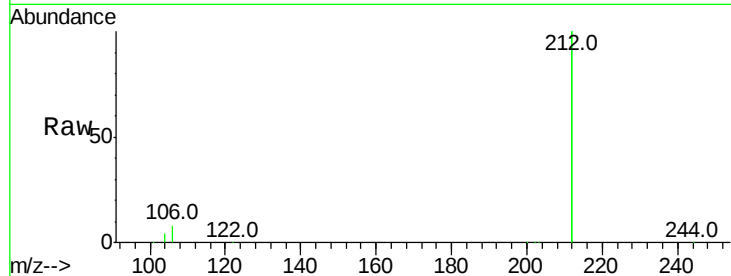
Tot Ion:212 Resp: 53266

Ion Ratio Lower Upper

212 100

106 3.4 2.8 4.2

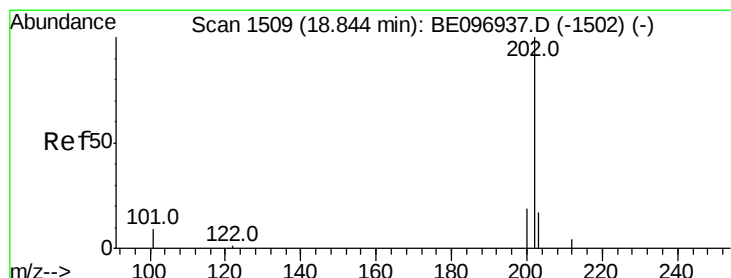
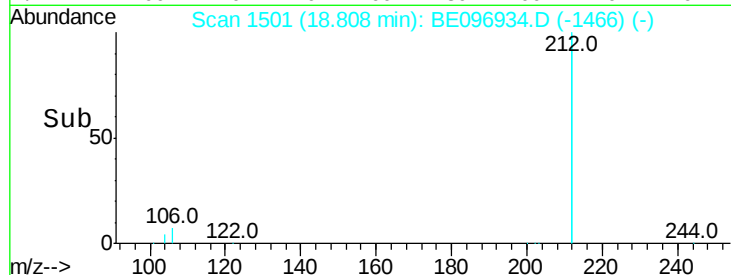
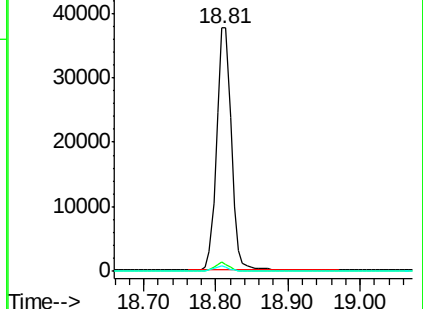
104 1.9 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.412 ng

RT: 18.84 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BE096934.D

Acq: 16 Jul 2018 11:28

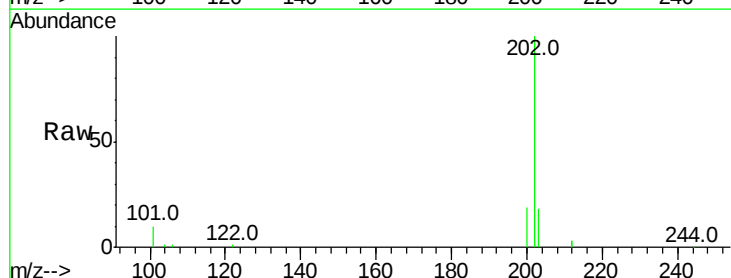
Tgt Ion:202 Resp: 16609

Ion Ratio Lower Upper

202 100

101 11.2 9.8 14.8

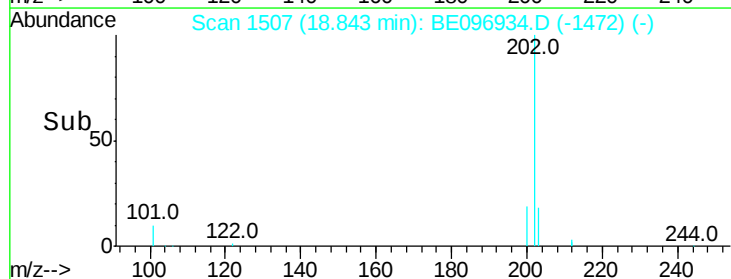
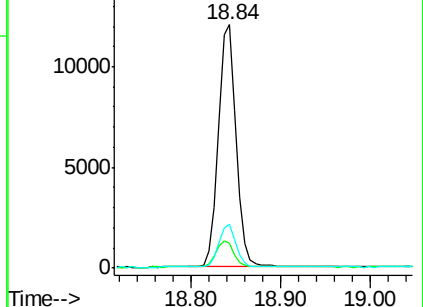
203 17.1 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BE096934.D

Acq: 16 Jul 2018 11:28

Instrument :

BNA_E

ClientSampleId :

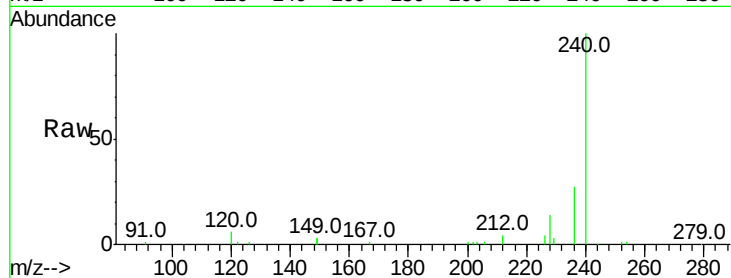
Tot Ion:240 Resp: 14009

Ion Ratio Lower Upper

240 100

120 5.8 5.5 8.3

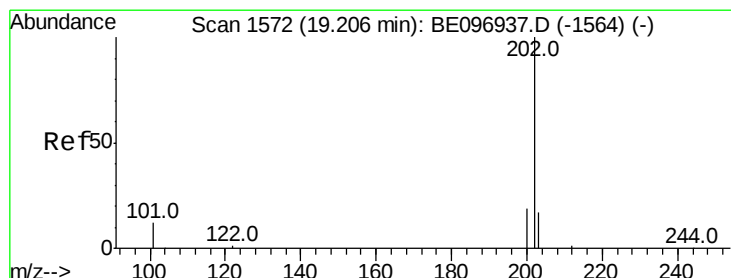
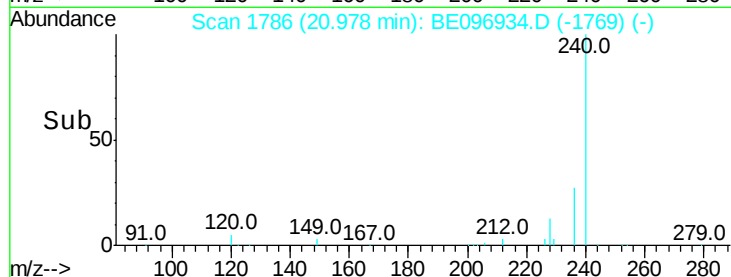
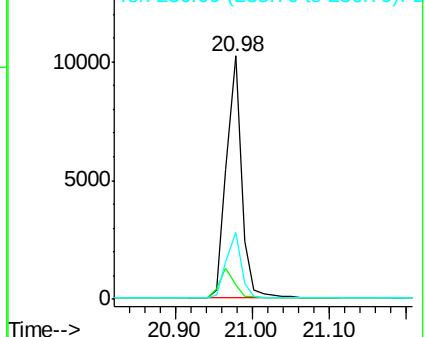
236 27.4 20.7 31.1



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: 0.401 ng

RT: 19.20 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BE096934.D

Acq: 16 Jul 2018 11:28

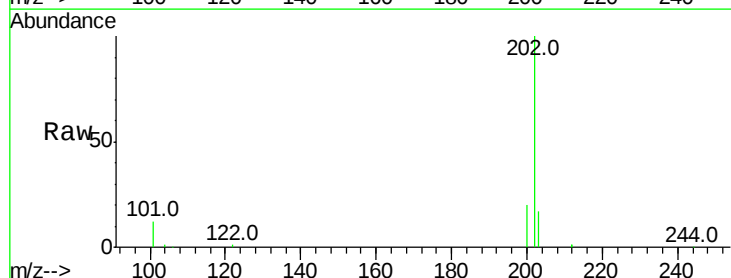
Tgt Ion:202 Resp: 16565

Ion Ratio Lower Upper

202 100

200 20.1 16.6 25.0

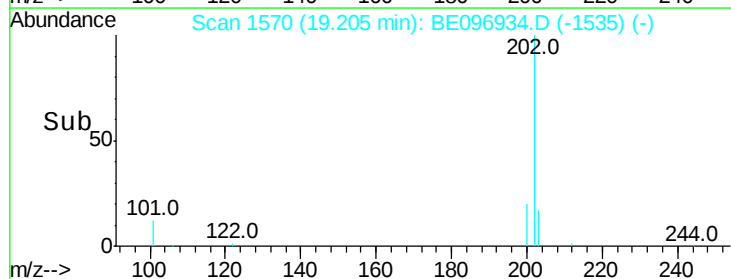
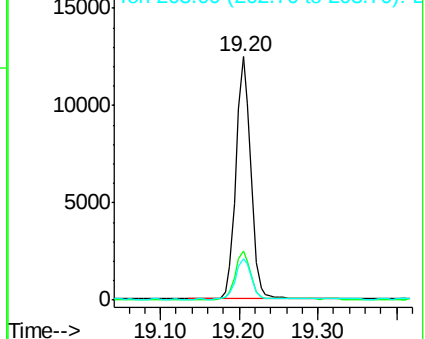
203 17.5 13.8 20.8

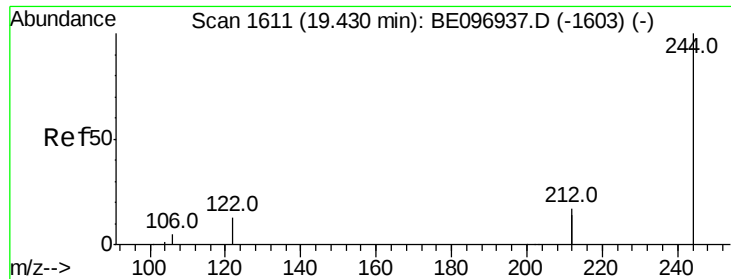


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.432 ng

RT: 19.43 min Scan# 1609

Delta R.T. -0.00 min

Lab File: BE096934.D

Acq: 16 Jul 2018 11:28

Instrument :

BNA_E

ClientSampleId :

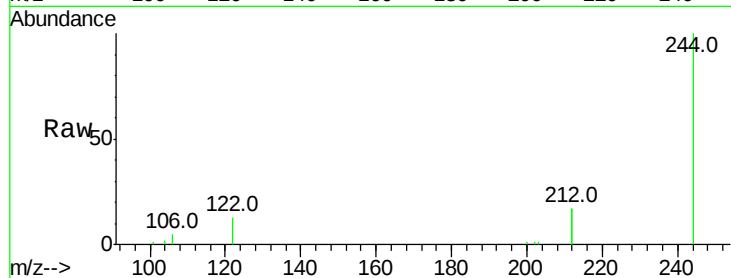
Tot Ion:244 Resp: 11679

Ion Ratio Lower Upper

244 100

212 33.4 25.4 38.0

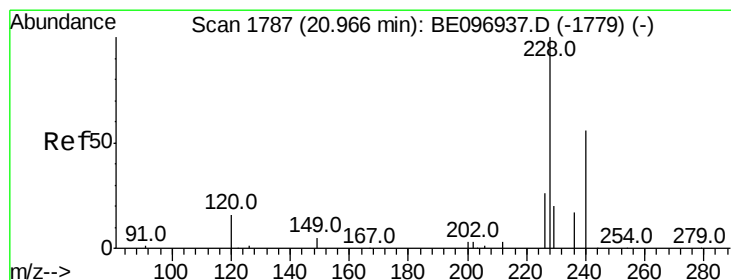
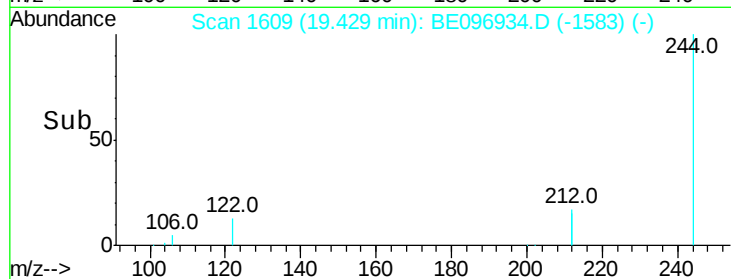
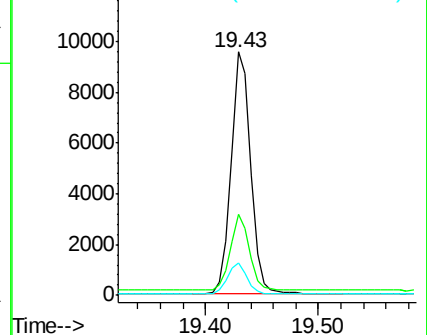
122 13.2 8.1 12.1#



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: 0.425 ng

RT: 20.95 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BE096934.D

Acq: 16 Jul 2018 11:28

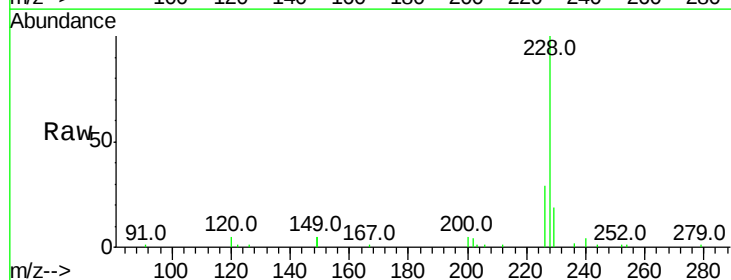
Tgt Ion:228 Resp: 14163

Ion Ratio Lower Upper

228 100

226 29.0 24.0 36.0

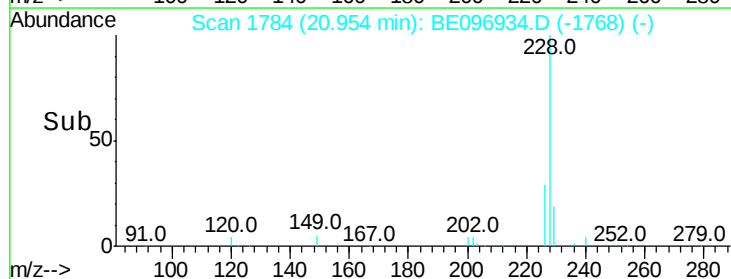
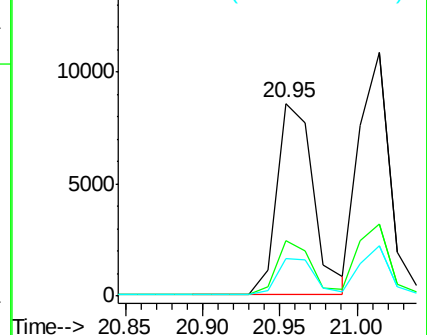
229 19.2 16.0 24.0



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: 0.403 ng

RT: 21.01 min Scan# 1789

Delta R.T. -0.00 min

Lab File: BE096934.D

Acq: 16 Jul 2018 11:28

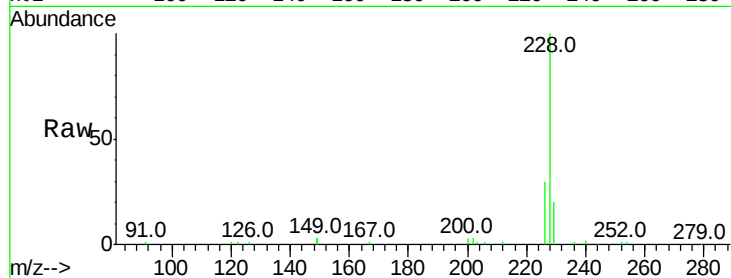
Instrument :

BNA_E

ClientSampleId :

Tot Ion:228 Resp: 15070

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	20.4	16.0	24.0

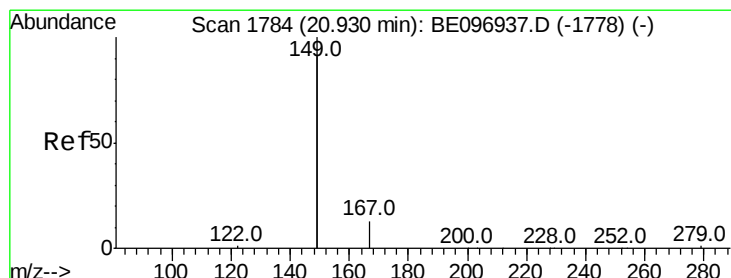
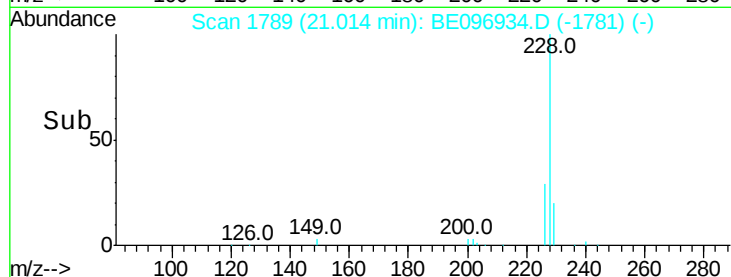
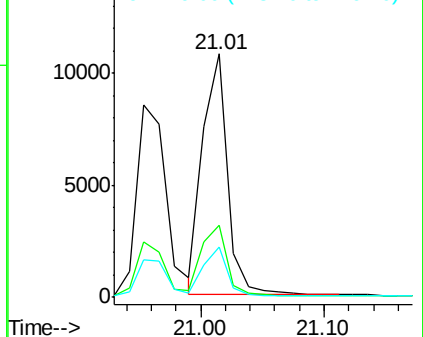


Abundance

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: 0.454 ng

RT: 20.93 min Scan# 1782

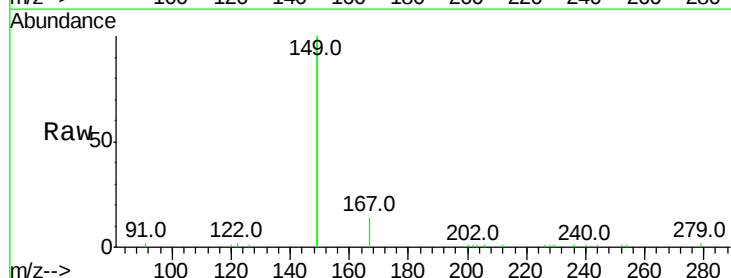
Delta R.T. -0.00 min

Lab File: BE096934.D

Acq: 16 Jul 2018 11:28

Tgt Ion:149 Resp: 15122

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.4	8.0
279	0.9	0.7	1.1

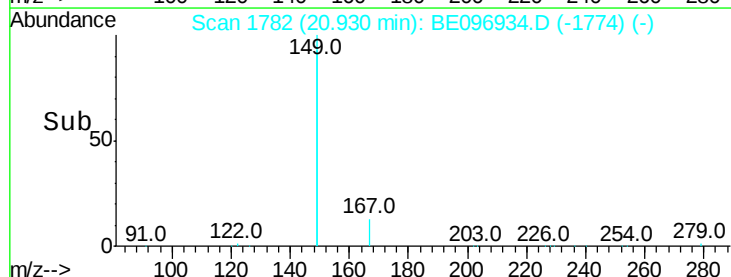
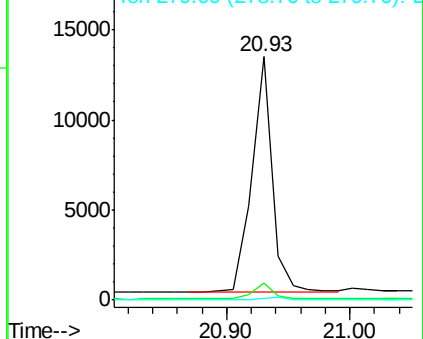


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

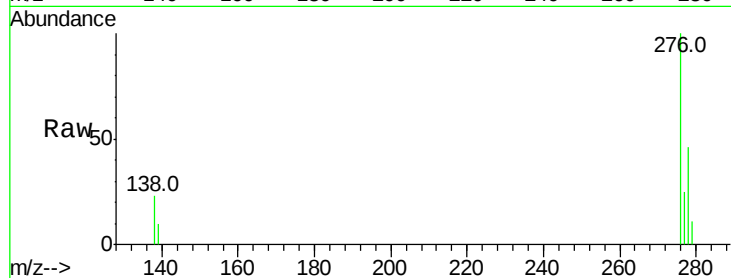




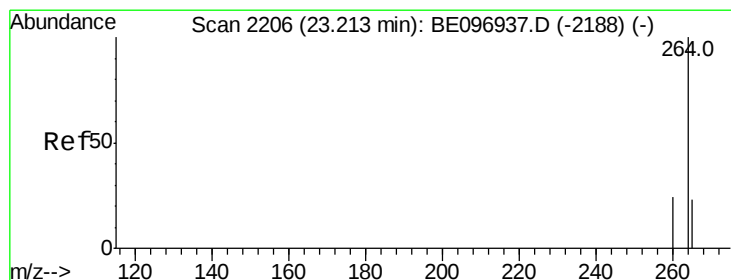
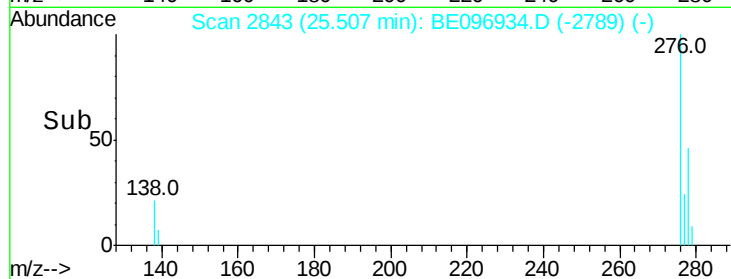
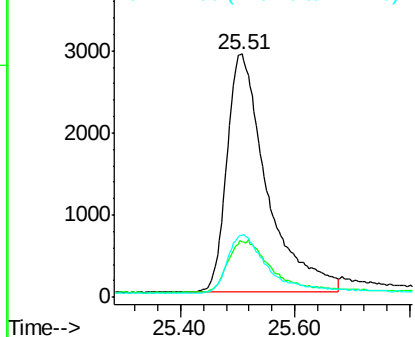
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.514 ng
 RT: 25.51 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BE096934.D
 Acq: 16 Jul 2018 11:28

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:276 Resp: 14023
 Ion Ratio Lower Upper
 276 100
 138 9.9 22.5 33.7#
 277 24.8 19.9 29.9

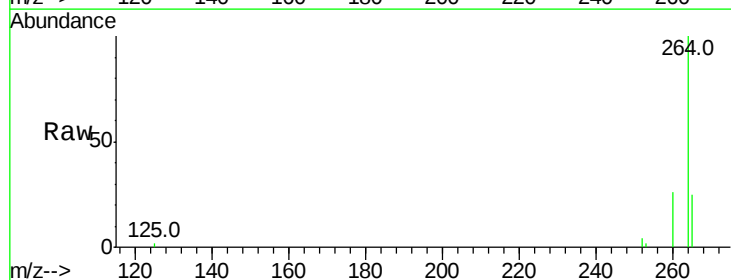


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

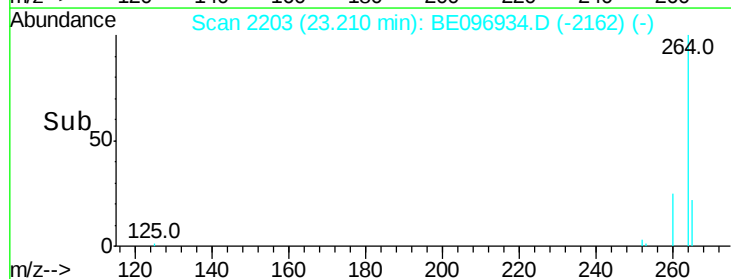
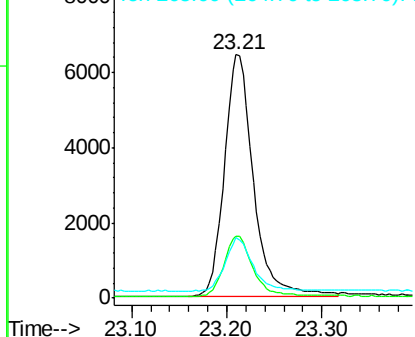


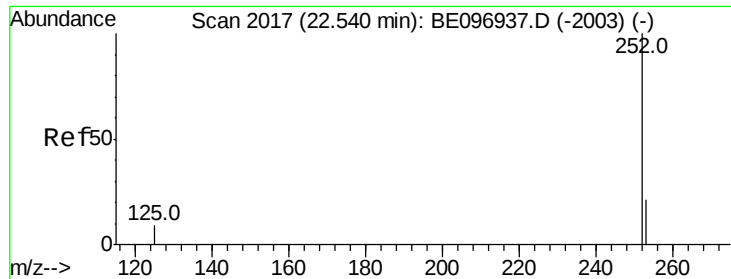
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2203
 Delta R.T. -0.00 min
 Lab File: BE096934.D
 Acq: 16 Jul 2018 11:28

Tgt Ion:264 Resp: 13511
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.5 30.7
 265 24.6 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

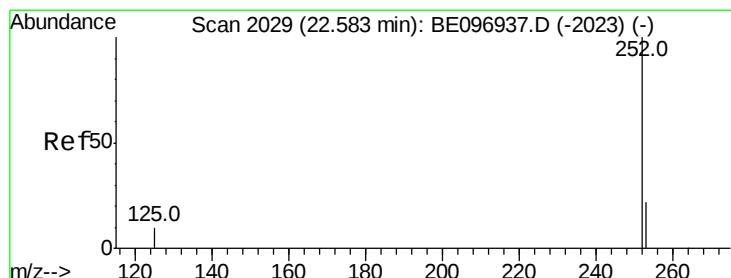
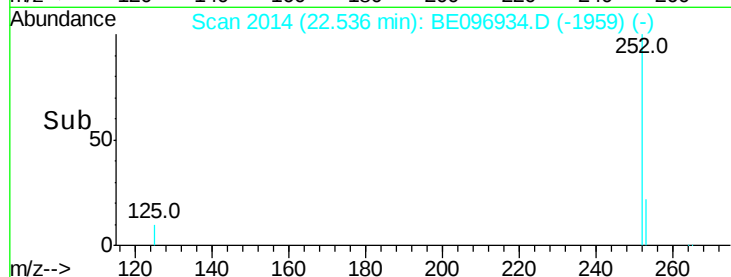
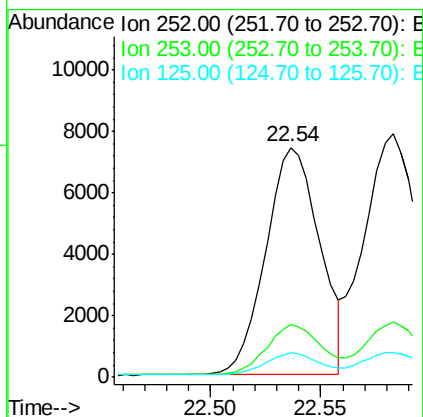
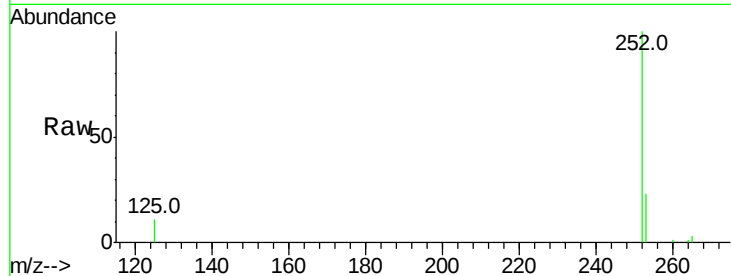




#35
Benzo(b)fluoranthene
Concen: 0.366 ng
RT: 22.54 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

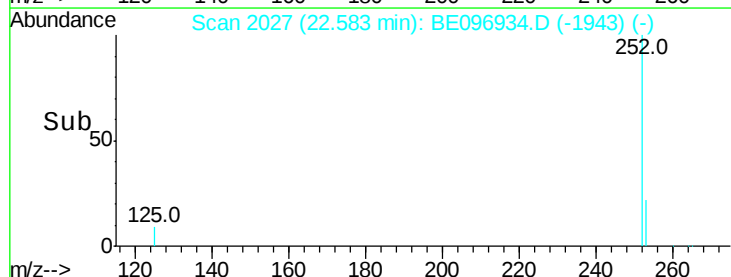
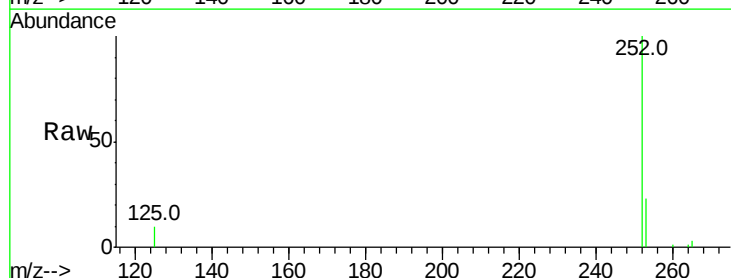
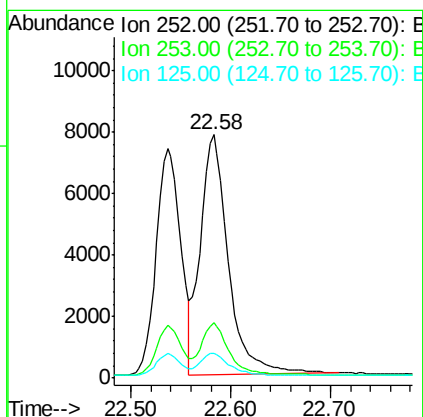
Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 12621
Ion Ratio Lower Upper
252 100
253 23.0 20.0 30.0
125 10.7 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.372 ng
RT: 22.58 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Tgt Ion:252 Resp: 15266
Ion Ratio Lower Upper
252 100
253 22.7 16.0 24.0
125 9.9 8.0 12.0

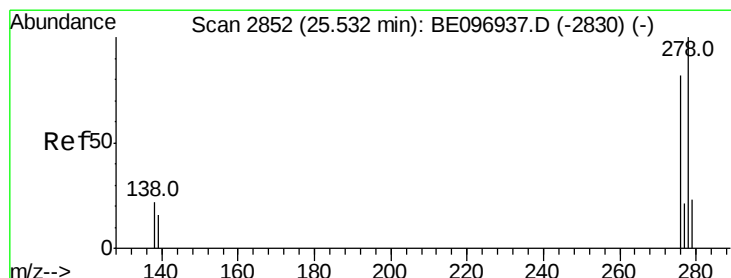
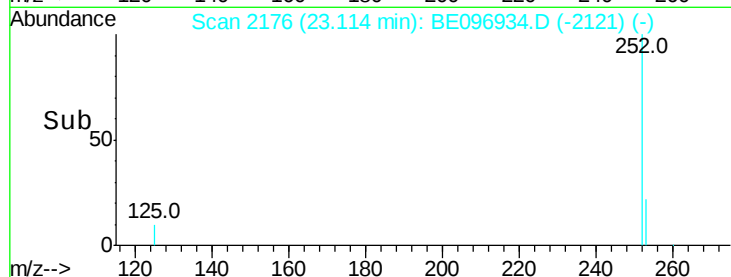
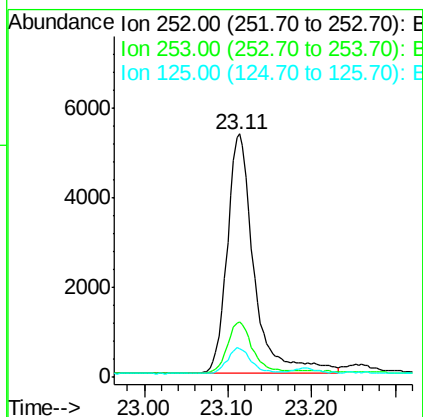
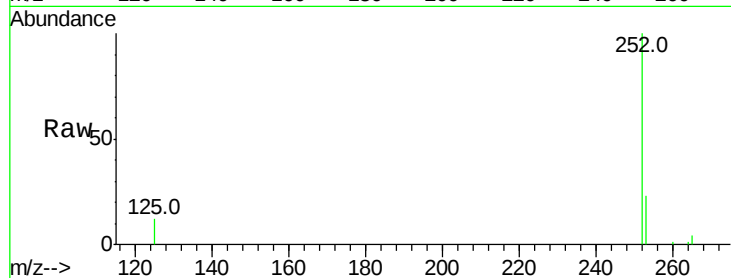




#37
Benzo(a)pyrene
Concen: 0.404 ng
RT: 23.11 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

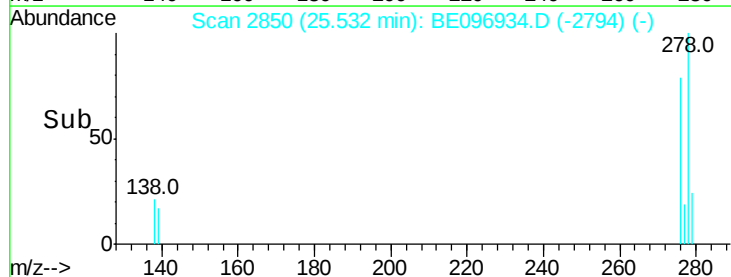
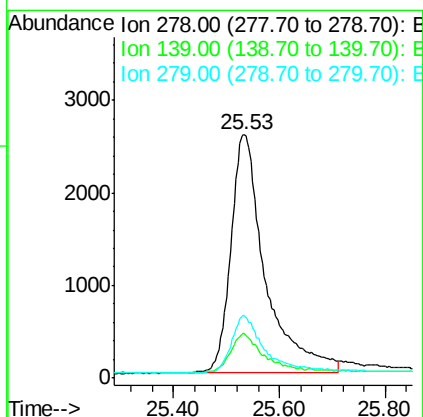
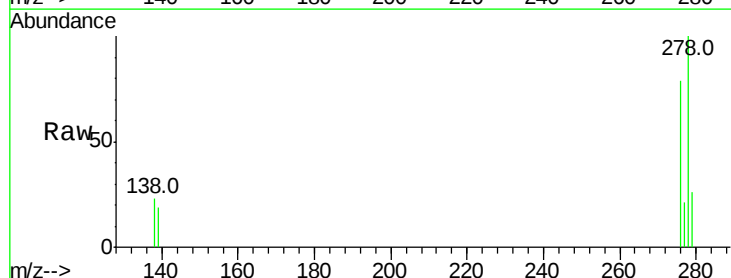
Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 11885
Ion Ratio Lower Upper
252 100
253 23.0 16.0 24.0
125 11.5 12.0 18.0#



#38
Dibenzo(a,h)anthracene
Concen: 0.464 ng
RT: 25.53 min Scan# 2850
Delta R.T. 0.00 min
Lab File: BE096934.D
Acq: 16 Jul 2018 11:28

Tgt Ion:278 Resp: 11678
Ion Ratio Lower Upper
278 100
139 18.8 16.0 24.0
279 25.7 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 0.425 ng

RT: 26.20 min Scan# 3037

Delta R.T. -0.01 min

Lab File: BE096934.D

Acq: 16 Jul 2018 11:28

Instrument :

BNA_E

ClientSampleId :

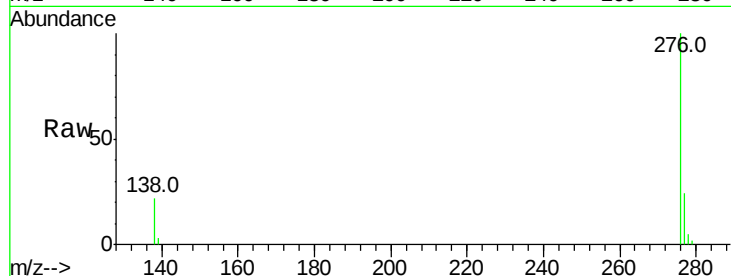
Tot Ion:276 Resp: 11912

Ion Ratio Lower Upper

276 100

277 24.3 16.0 24.0#

138 22.0 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

