

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071318\
 Data File : BE096932.D
 Acq On : 14 Jul 2018 9:22
 Operator : SJ/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 16 00:19:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 17:02:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	2600	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	13835	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	7445	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	17665	0.40	ng	0.00
27) Chrysene-d12	20.98	240	16703	0.40	ng	0.00
34) Perylene-d12	23.21	264	18103	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.05	112	2552	0.44	ng	0.00
5) Phenol-d6	6.59	99	3873	0.45	ng	0.00
8) Nitrobenzene-d5	8.52	82	3948	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	8002	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	843	0.49	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	11244	0.41	ng	0.00
25) Fluoranthene-d10	18.81	212	63324	0.41	ng	0.00
29) Terphenyl-d14	19.43	244	11980	0.37	ng	0.00

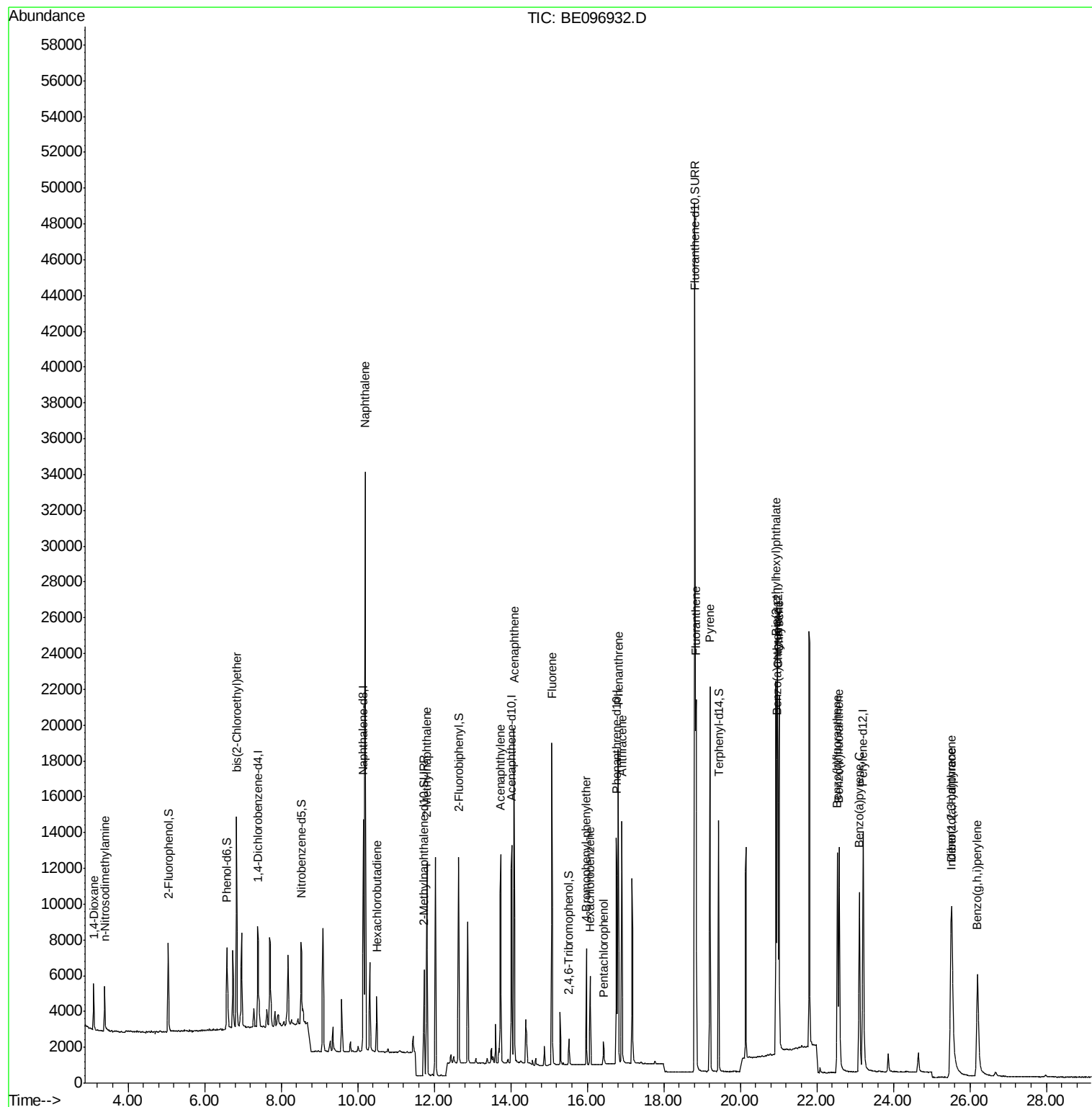
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.10	88	1493	0.383	ng	# 88
3) n-Nitrosodimethylamine	3.38	42	1675	0.406	ng	90
6) bis(2-Chloroethyl)ether	6.84	93	3686	0.388	ng	97
9) Naphthalene	10.20	128	49004	0.390	ng	99
10) Hexachlorobutadiene	10.50	225	1968	0.376	ng	97
12) 2-Methylnaphthalene	11.81	142	8373	0.402	ng	99
16) Acenaphthylene	13.74	152	13639	0.422	ng	99
17) Acenaphthene	14.08	154	8747	0.410	ng	95
18) Fluorene	15.08	166	9773	0.390	ng	# 80
20) 4-Bromophenyl-phenylether	15.98	248	3281	0.412	ng	# 74
21) Hexachlorobenzene	16.08	284	3801	0.419	ng	# 80
22) Pentachlorophenol	16.43	266	741	0.520	ng	# 73
23) Phenanthrene	16.81	178	17292	0.398	ng	99
24) Anthracene	16.91	178	14839	0.413	ng	96
26) Fluoranthene	18.84	202	18272	0.416	ng	99
28) Pyrene	19.20	202	18290	0.378	ng	99
30) Benzo(a)anthracene	20.96	228	15938	0.431	ng	98
31) Chrysene	21.02	228	17018	0.372	ng	100
32) Bis(2-ethylhexyl)phthalate	20.93	149	21206	0.640	ng	99
33) Indeno(1,2,3-cd)pyrene	25.50	276	17538	0.516	ng	97
35) Benzo(b)fluoranthene	22.54	252	15665	0.317	ng	# 88
36) Benzo(k)fluoranthene	22.58	252	18745	0.354	ng	96
37) Benzo(a)pyrene	23.11	252	15021	0.383	ng	# 93
38) Dibenzo(a,h)anthracene	25.53	278	14614	0.385	ng	97
39) Benzo(g,h,i)perylene	26.20	276	15067	0.344	ng	93

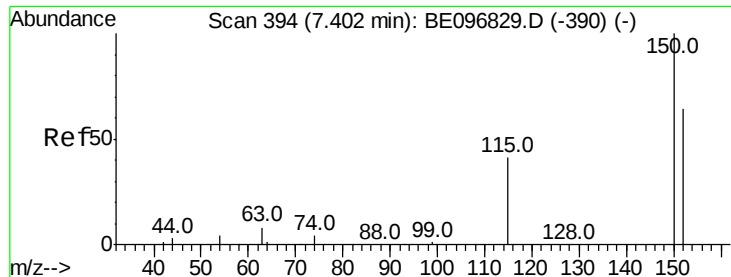
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071318\
Data File : BE096932.D
Acq On : 14 Jul 2018 9:22
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 16 00:19:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 13 17:02:57 2018
Response via : Initial Calibration



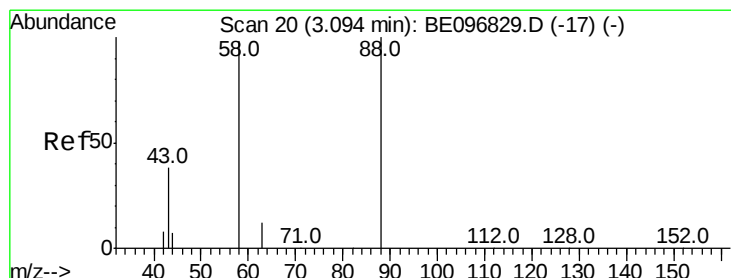
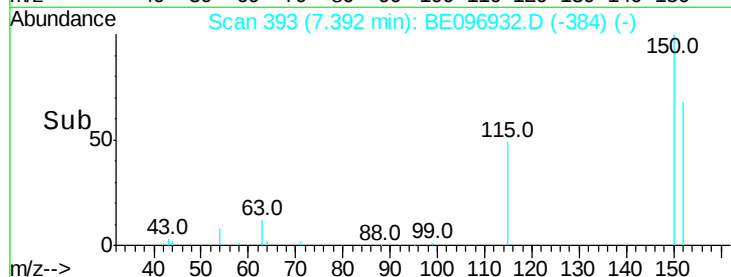
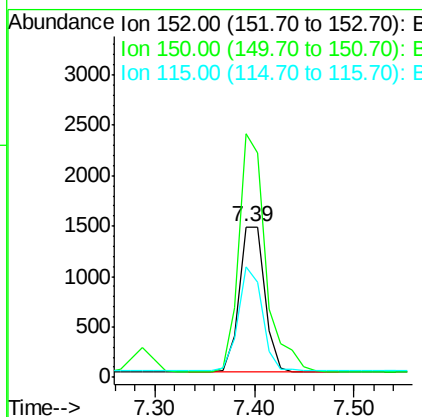
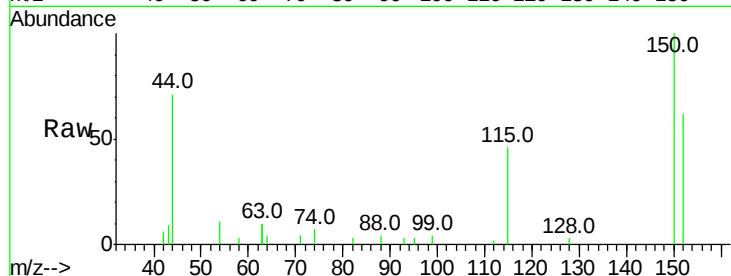


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Instrument :
BNA_E
ClientSampleId :

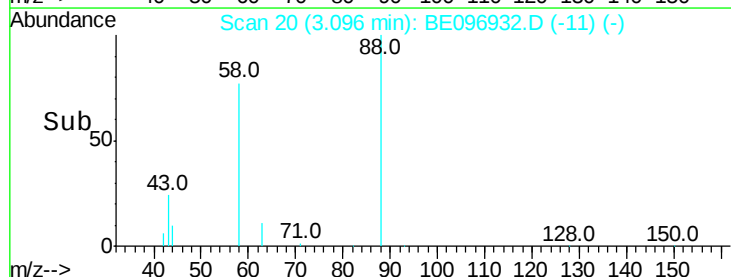
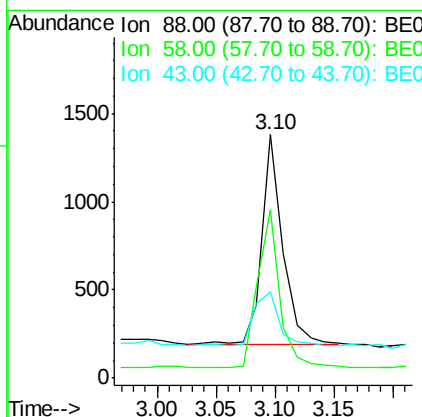
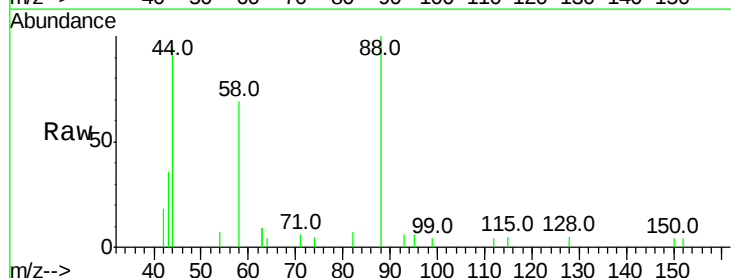
Tot Ion:152 Resp: 2600
Ion Ratio Lower Upper
152 100
150 161.9 117.2 175.8
115 73.8 57.0 85.6



#2

1,4-Dioxane
Concen: 0.383 ng
RT: 3.10 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Tgt Ion: 88 Resp: 1493
Ion Ratio Lower Upper
88 100
58 78.6 63.2 94.8
43 30.1 41.2 61.8#





#3

n-Nitrosodimethylamine

Concen: 0.406 ng

RT: 3.38 min Scan# 45

Delta R.T. -0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

Instrument :

BNA_E

ClientSampleId :

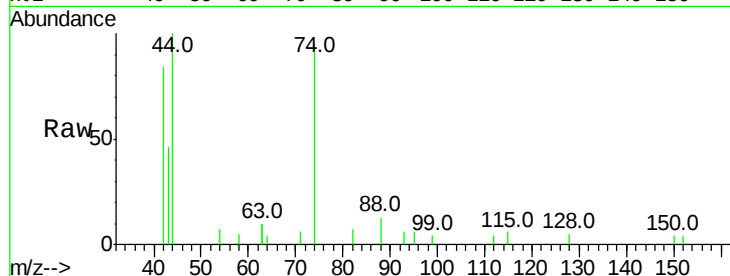
Tot Ion: 42 Resp: 1675

Ion Ratio Lower Upper

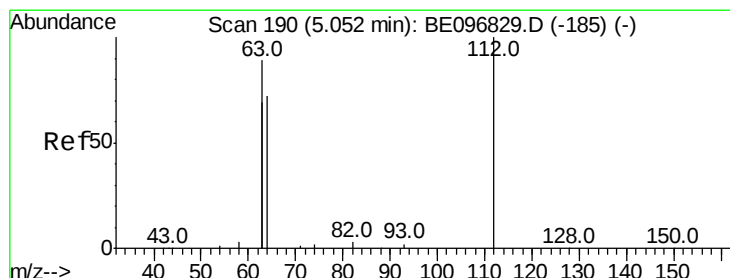
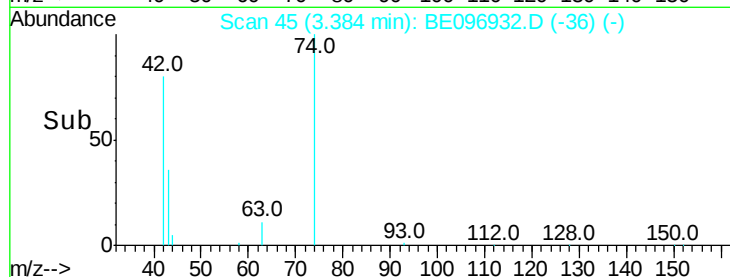
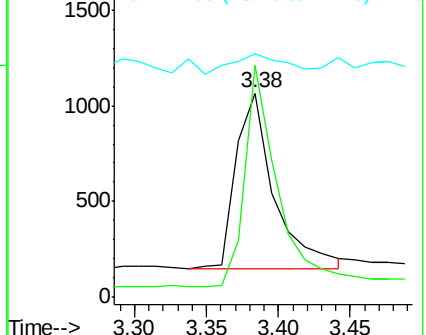
42 100

74 107.8 96.0 144.0

44 16.1 12.0 18.0



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: 0.439 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

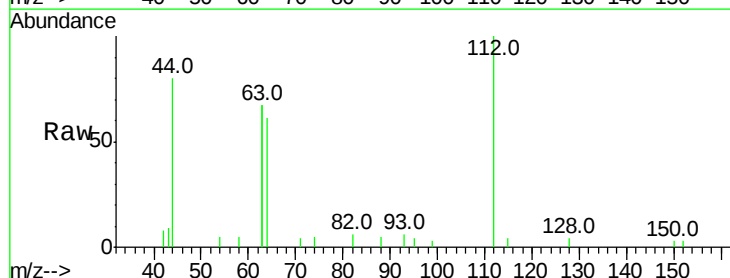
Tgt Ion: 112 Resp: 2552

Ion Ratio Lower Upper

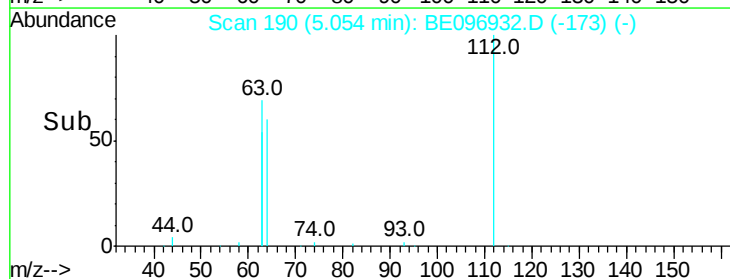
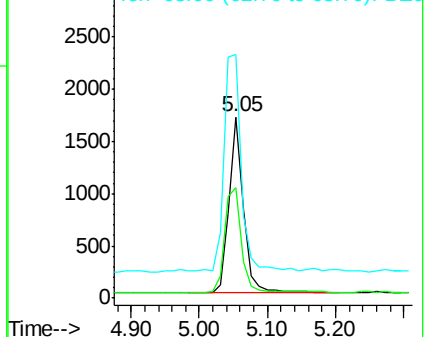
112 100

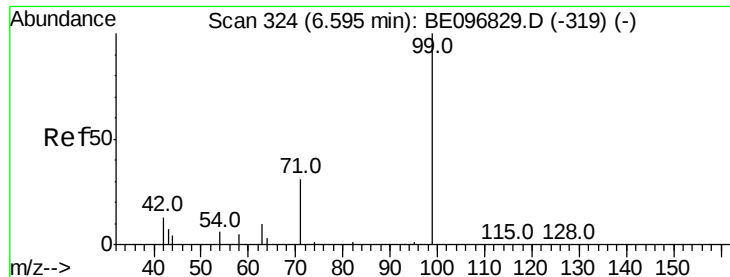
64 68.1 60.1 90.1

63 145.3 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.447 ng

RT: 6.59 min Scan# 323

Delta R.T. -0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

Instrument :

BNA_E

ClientSampleId :

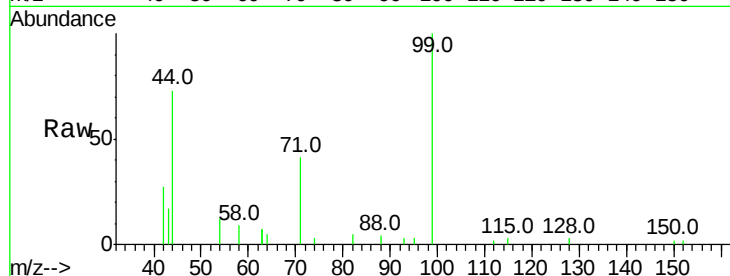
Tot Ion: 99 Resp: 3873

Ion Ratio Lower Upper

99 100

42 24.1 20.2 30.2

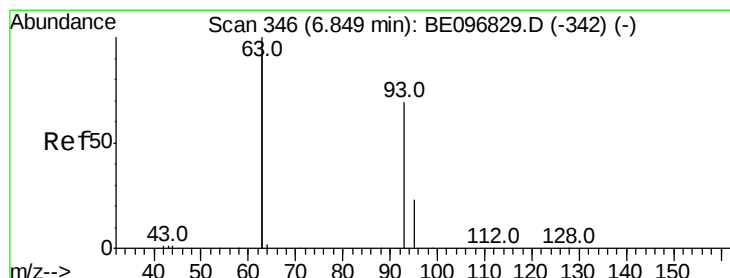
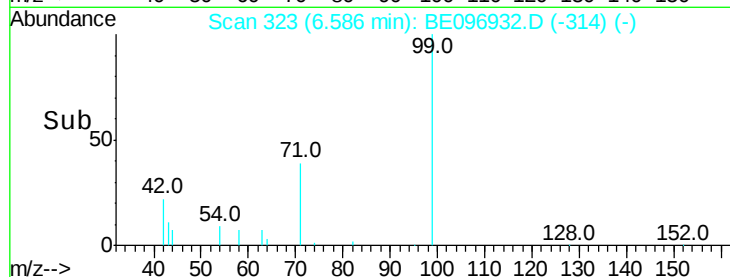
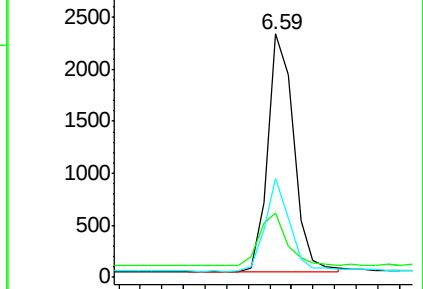
71 36.9 28.4 42.6



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: 0.388 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

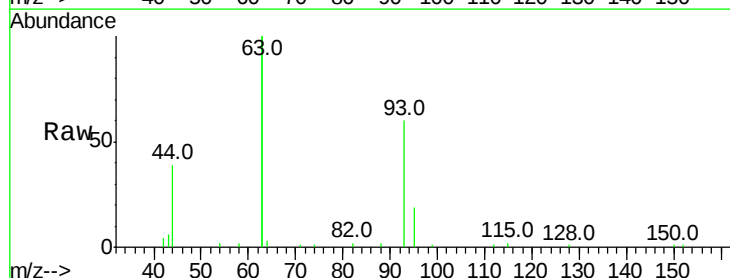
Tgt Ion: 93 Resp: 3686

Ion Ratio Lower Upper

93 100

63 337.0 275.3 412.9

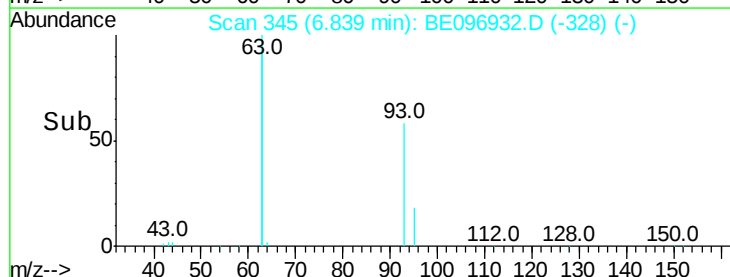
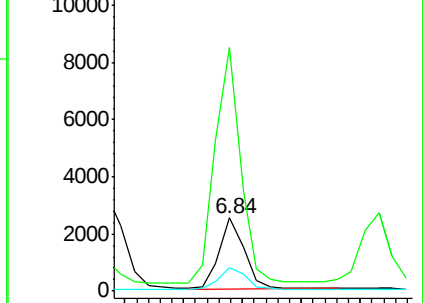
95 32.1 25.2 37.8

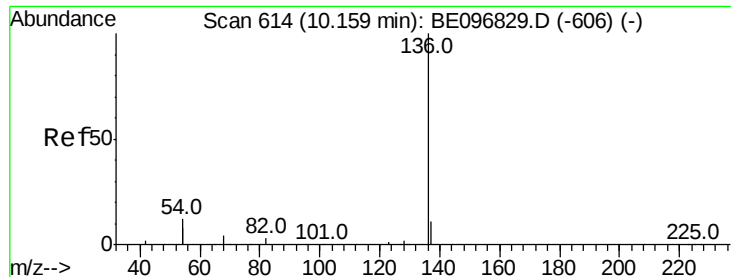


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE096932.D

Acq: 14 Jul 2018 9:22

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 13835

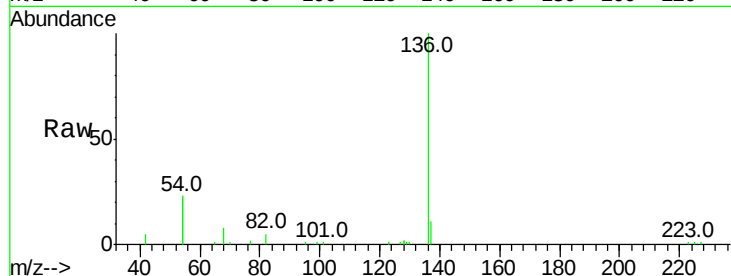
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 45.1 29.1 43.7#

68 8.3 6.2 9.2

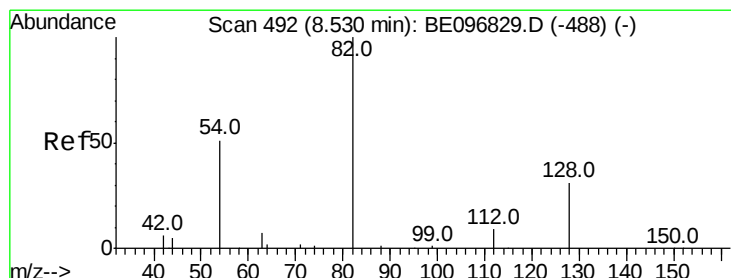
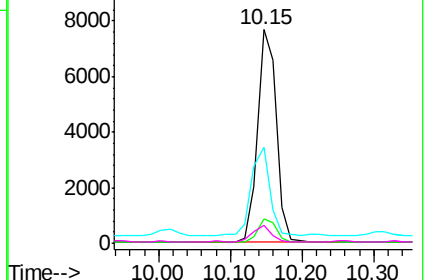
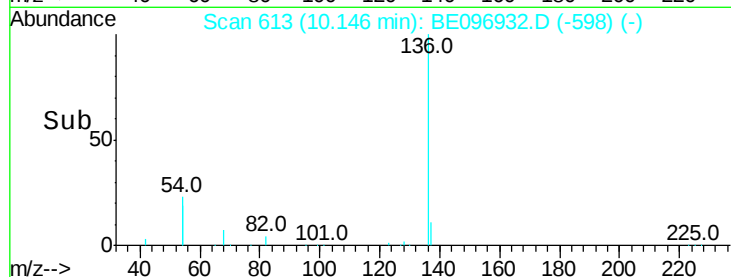


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.471 ng

RT: 8.52 min Scan# 491

Delta R.T. -0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

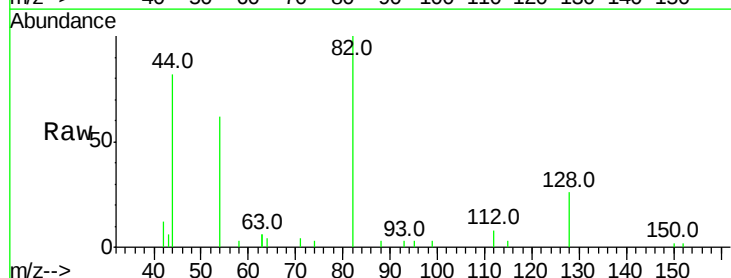
Tgt Ion: 82 Resp: 3948

Ion Ratio Lower Upper

82 100

128 25.6 24.0 36.0

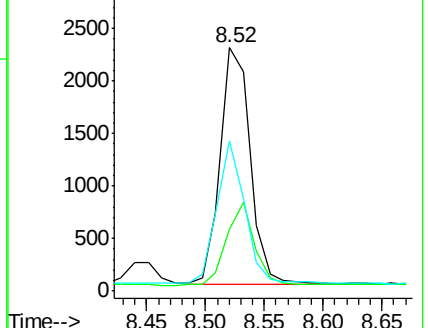
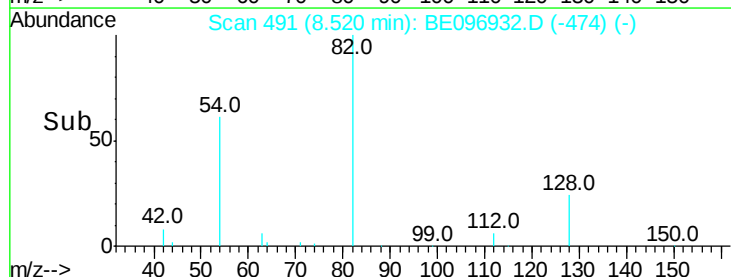
54 61.8 40.0 60.0#



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: 0.390 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

Instrument :

BNA_E

ClientSampleId :

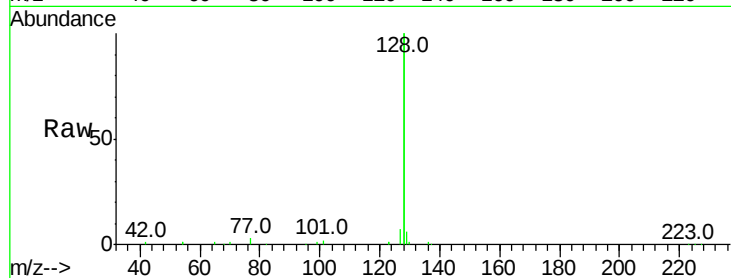
Tot Ion:128 Resp: 49004

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

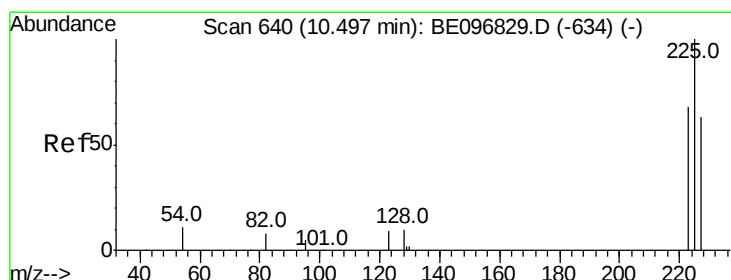
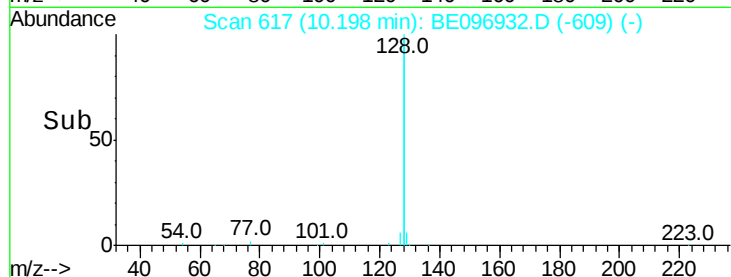
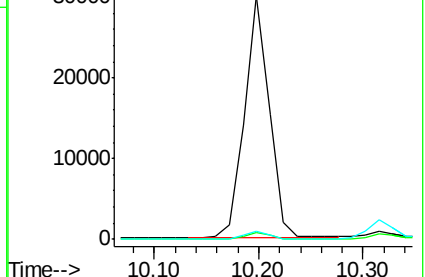
127 3.4 2.8 4.2



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: 0.376 ng

RT: 10.50 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

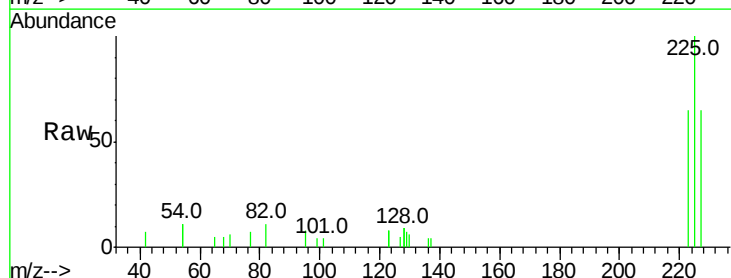
Tgt Ion:225 Resp: 1968

Ion Ratio Lower Upper

225 100

223 62.7 53.0 79.6

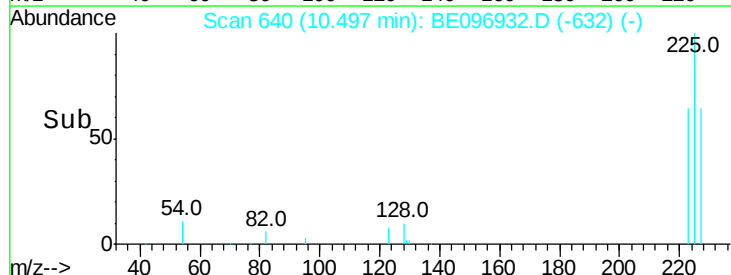
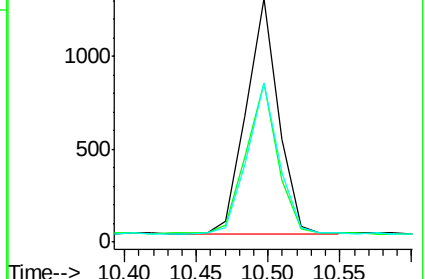
227 63.0 51.4 77.2

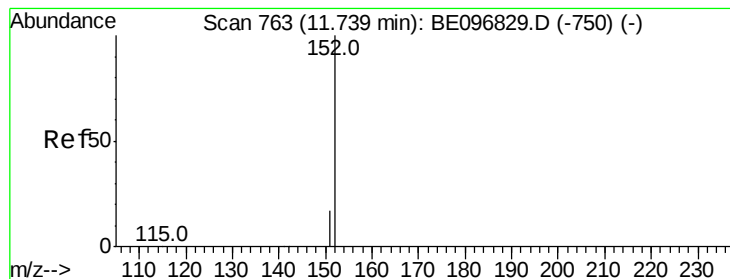


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.402 ng

RT: 11.73 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

Instrument :

BNA_E

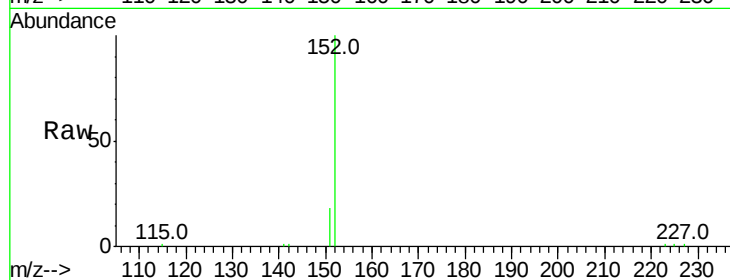
ClientSampleId :

Tot Ion:152 Resp: 8002

Ion Ratio Lower Upper

152 100

151 19.3 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

6000

5000

4000

3000

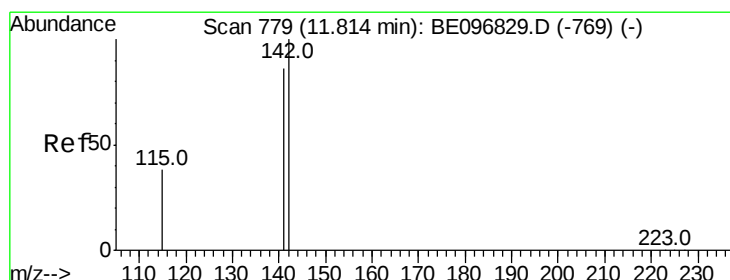
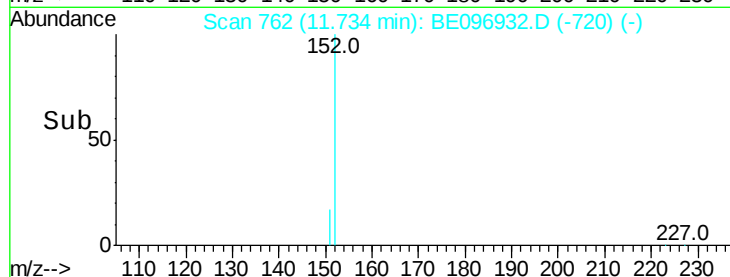
2000

1000

0

Time-->

11.70 11.80



#12

2-Methylnaphthalene

Concen: 0.402 ng

RT: 11.81 min Scan# 778

Delta R.T. 0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

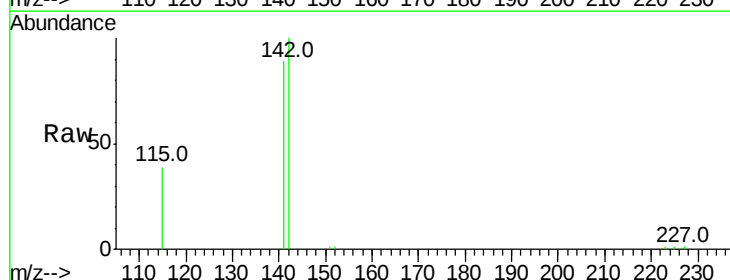
Tgt Ion:142 Resp: 8373

Ion Ratio Lower Upper

142 100

141 88.8 70.4 105.6

115 39.5 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

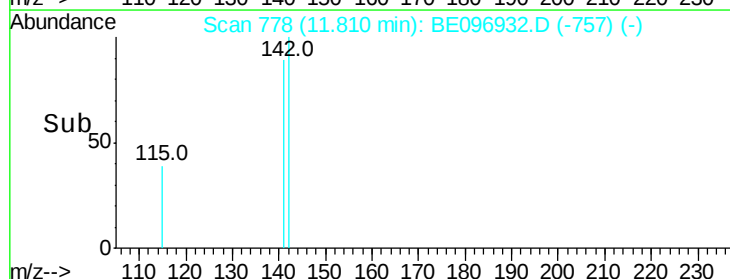
2000

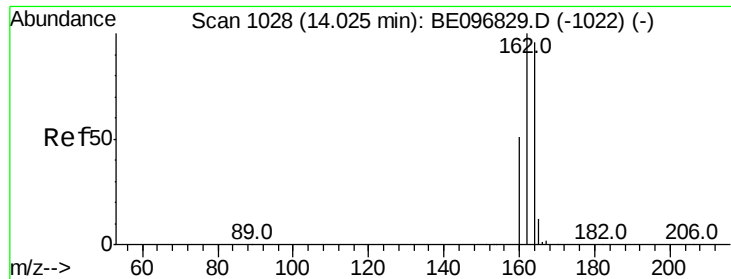
1000

0

Time-->

11.70 11.80 11.90





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

Instrument :

BNA_E

ClientSampleId :

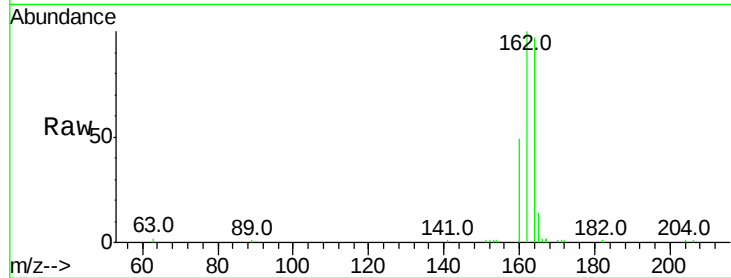
Tot Ion:164 Resp: 7445

Ion Ratio Lower Upper

164 100

162 103.2 83.1 124.7

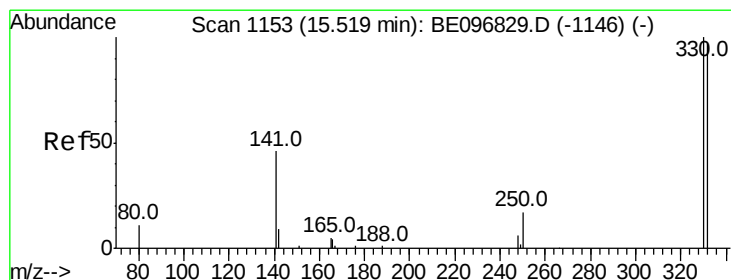
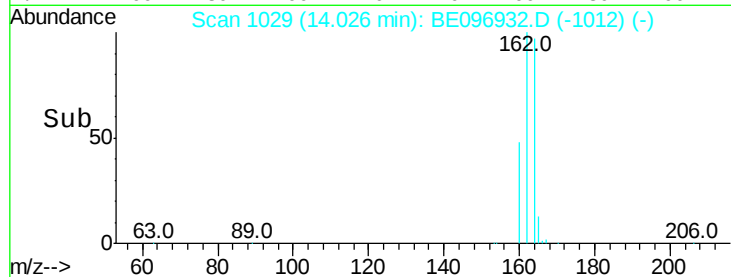
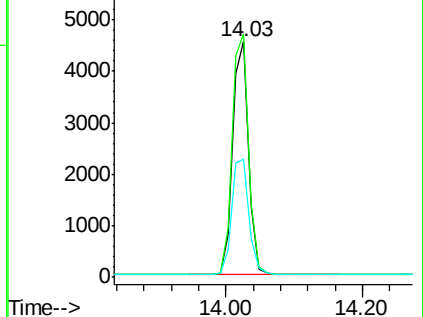
160 50.3 37.1 55.7



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: 0.487 ng

RT: 15.52 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

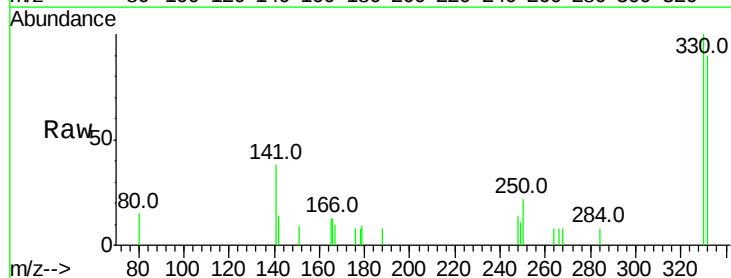
Tgt Ion:330 Resp: 843

Ion Ratio Lower Upper

330 100

332 94.2 152.7 229.1#

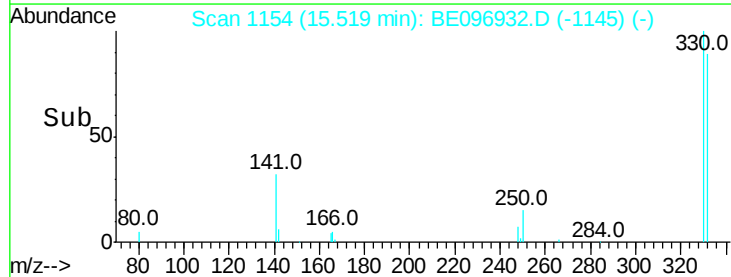
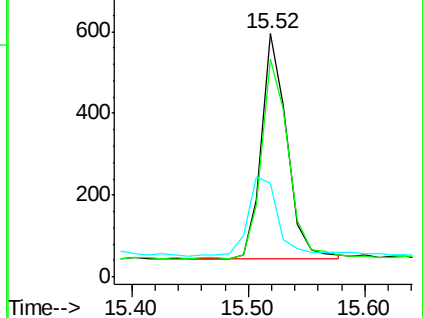
141 42.2 33.7 50.5

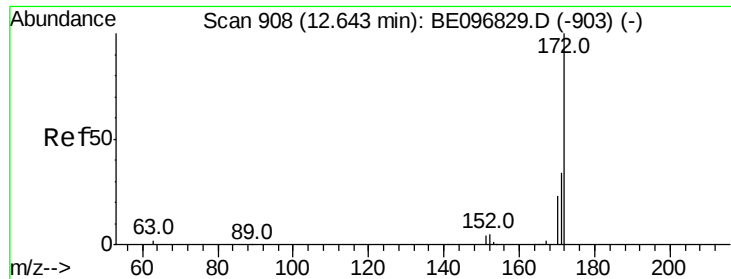


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

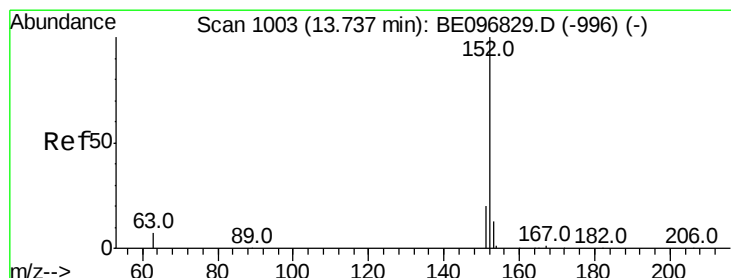
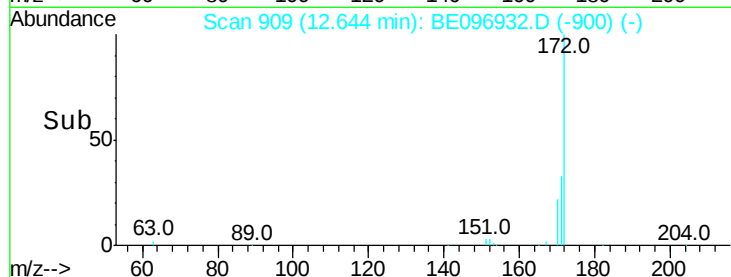
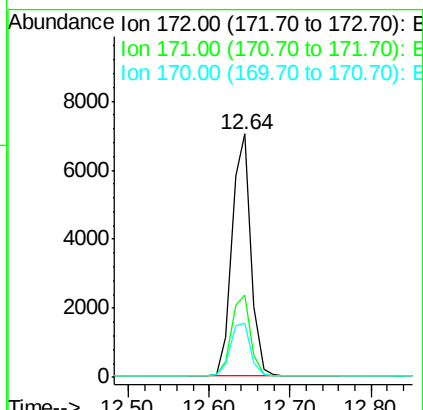
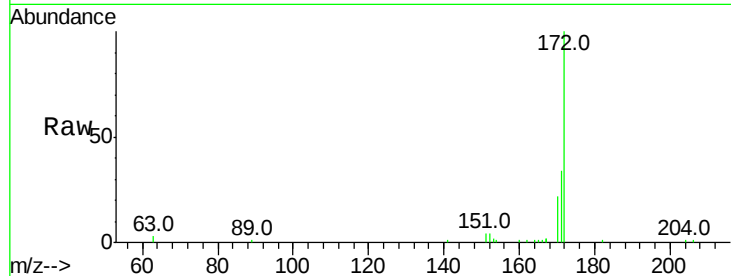




#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 12.64 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

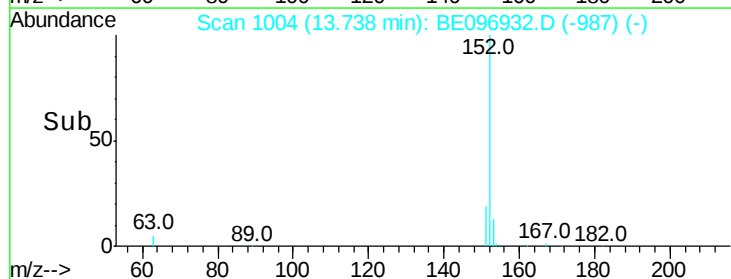
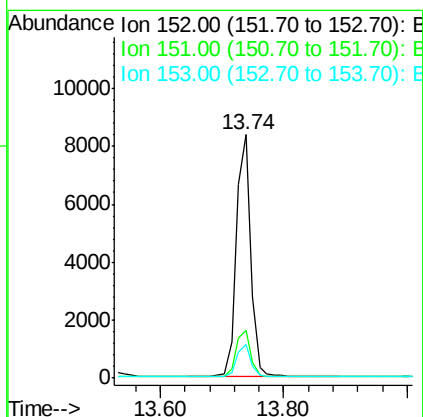
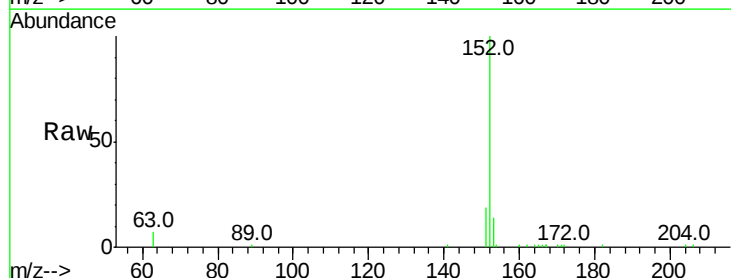
Instrument :
BNA_E
ClientSampleId :

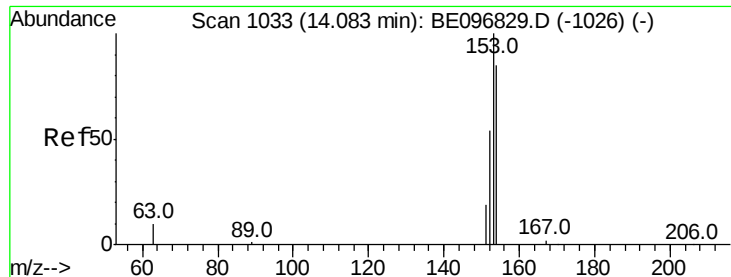
Tot Ion:172 Resp: 11244
Ion Ratio Lower Upper
172 100
171 33.8 29.9 44.9
170 22.1 21.8 32.8



#16
Acenaphthylene
Concen: 0.422 ng
RT: 13.74 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE096932.D
Acq: 14 Jul 2018 9:22

Tgt Ion:152 Resp: 13639
Ion Ratio Lower Upper
152 100
151 19.3 15.7 23.5
153 13.3 10.5 15.7





#17

Acenaphthene

Concen: 0.410 ng

RT: 14.08 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

Instrument :

BNA_E

ClientSampleId :

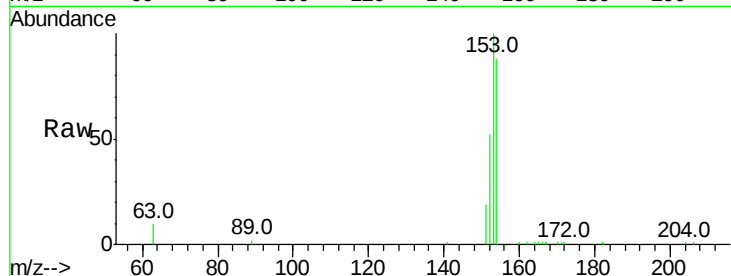
Tot Ion:154 Resp: 8747

Ion Ratio Lower Upper

154 100

153 113.9 89.2 133.8

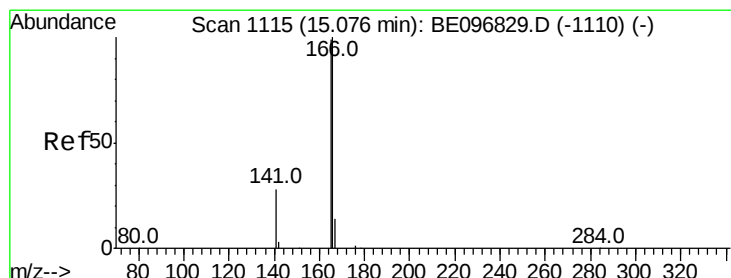
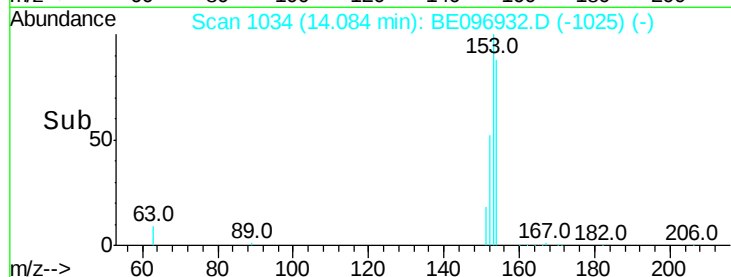
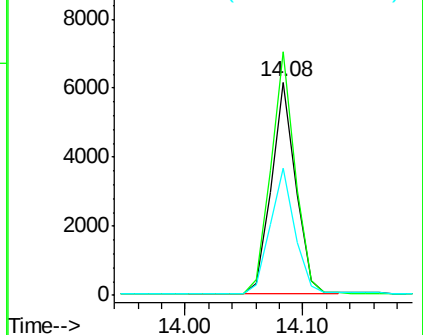
152 60.1 42.0 63.0



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: 0.390 ng

RT: 15.08 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

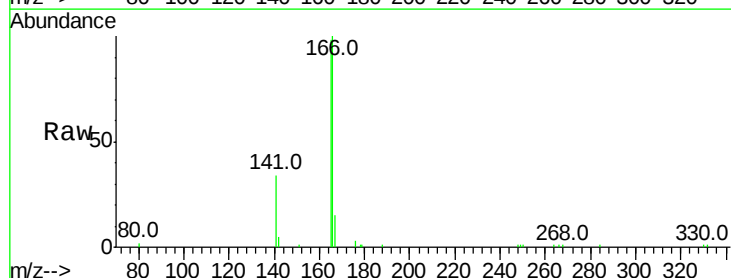
Tgt Ion:166 Resp: 9773

Ion Ratio Lower Upper

166 100

165 98.5 77.8 116.6

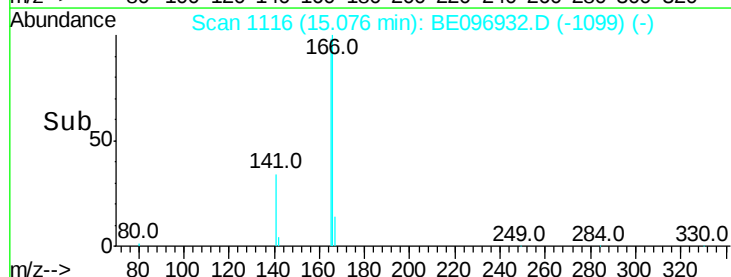
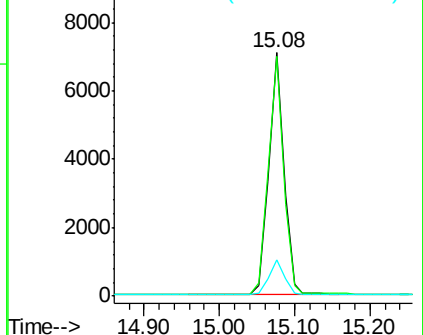
167 14.2 42.4 63.6#

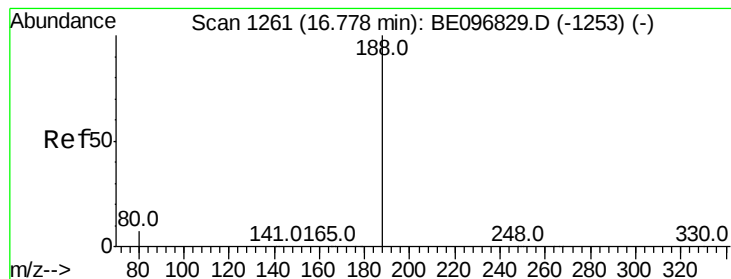


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1261

Delta R.T. 0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

Instrument :

BNA_E

ClientSampled :

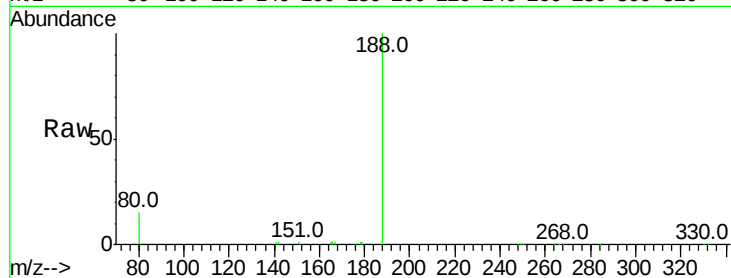
Tot Ion:188 Resp: 17665

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

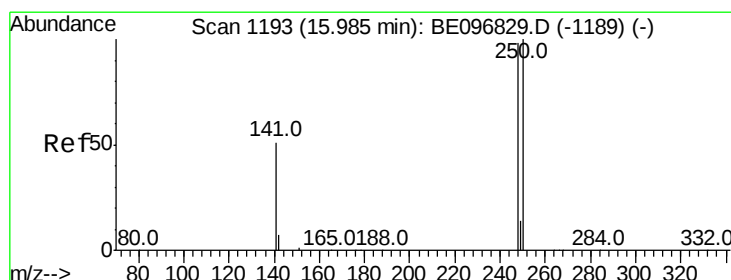
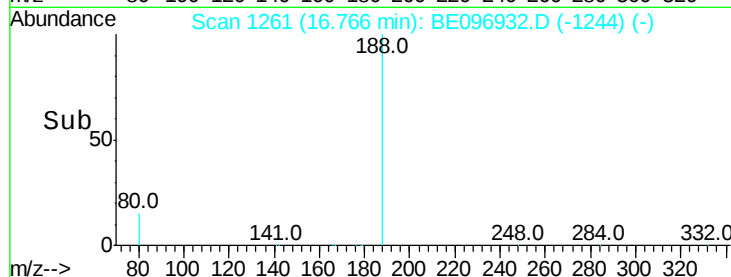
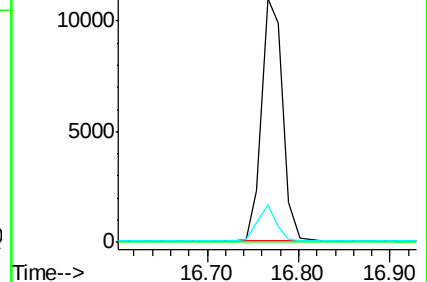
80 15.2 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.412 ng

RT: 15.98 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

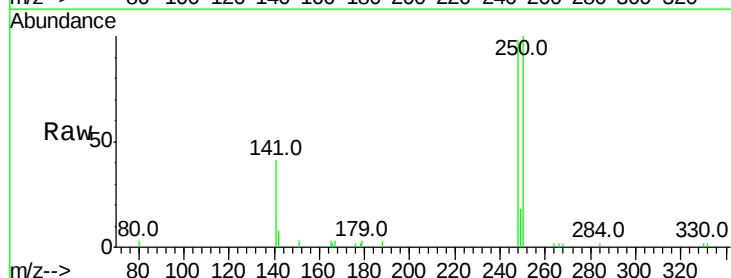
Tgt Ion:248 Resp: 3281

Ion Ratio Lower Upper

248 100

250 102.3 62.7 94.1#

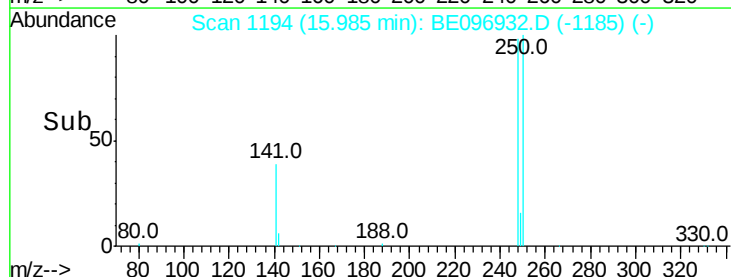
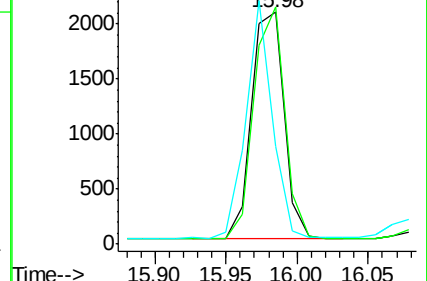
141 41.9 48.2 72.2#

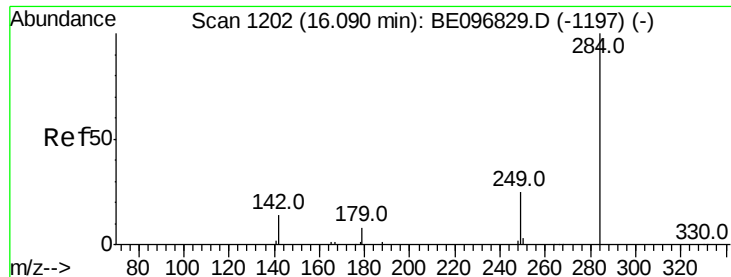


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.419 ng

RT: 16.08 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

Instrument :

BNA_E

ClientSampleId :

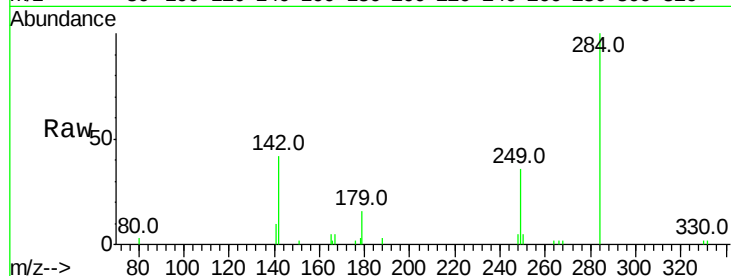
Tot Ion:284 Resp: 3801

Ion Ratio Lower Upper

284 100

142 38.6 22.1 33.1#

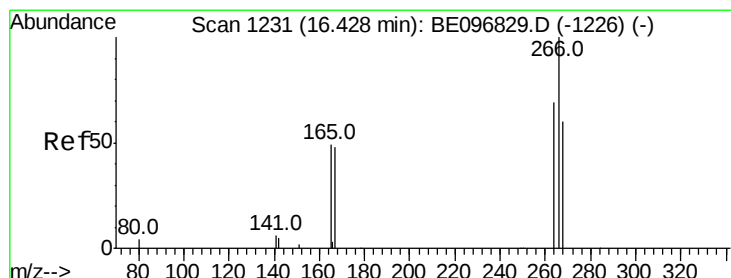
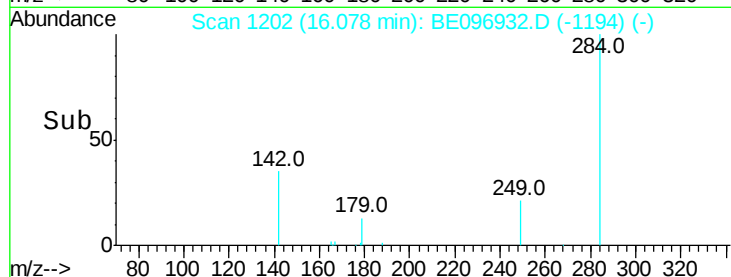
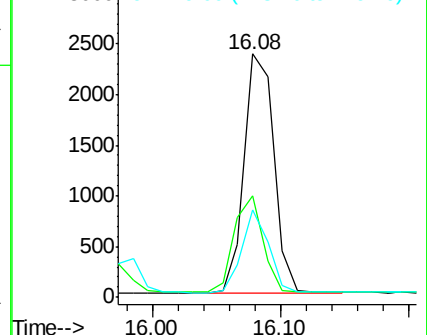
249 31.0 34.8 52.2#



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: 0.520 ng

RT: 16.43 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

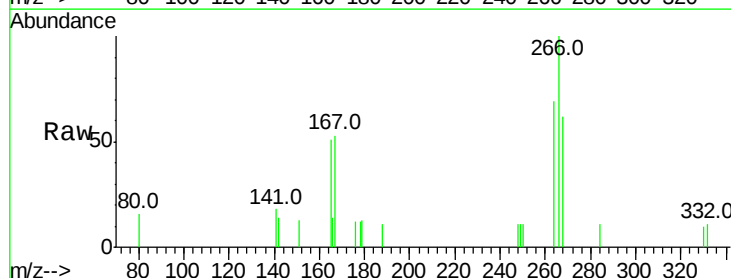
Tgt Ion:266 Resp: 741

Ion Ratio Lower Upper

266 100

264 69.0 72.5 108.7#

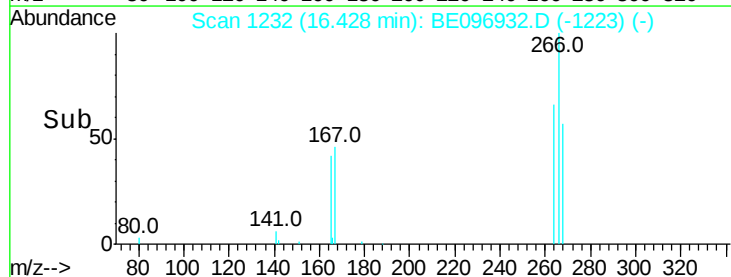
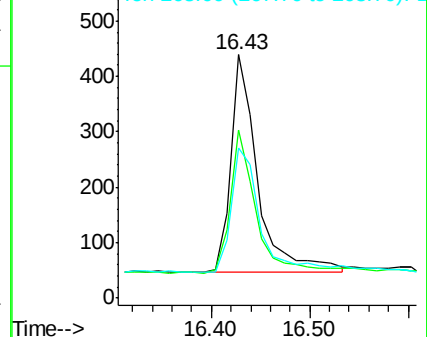
268 62.0 73.8 110.6#

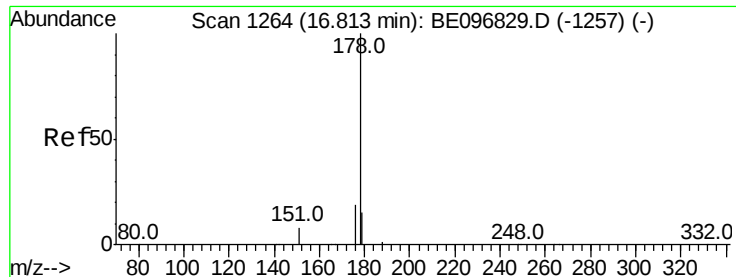


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.398 ng

RT: 16.81 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

Instrument :

BNA_E

ClientSampleId :

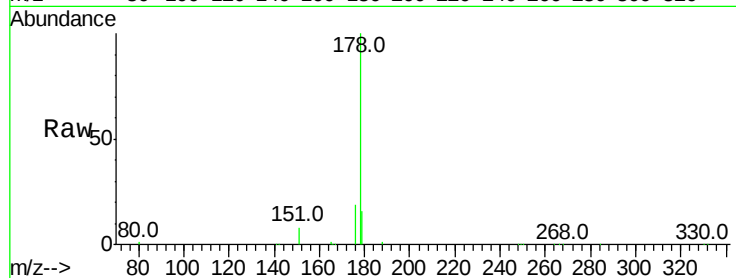
Tot Ion:178 Resp: 17292

Ion Ratio Lower Upper

178 100

176 19.3 15.1 22.7

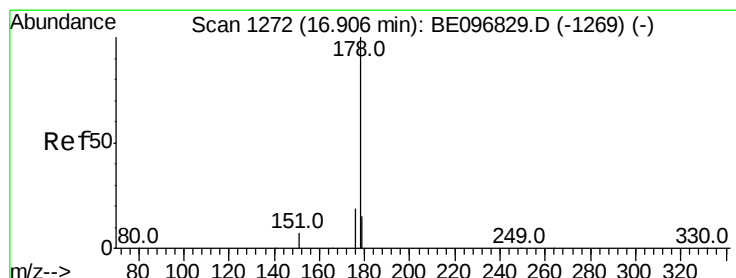
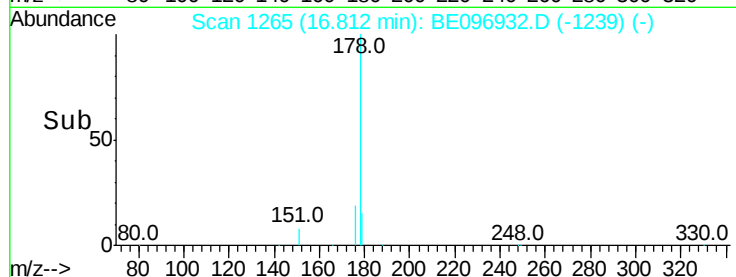
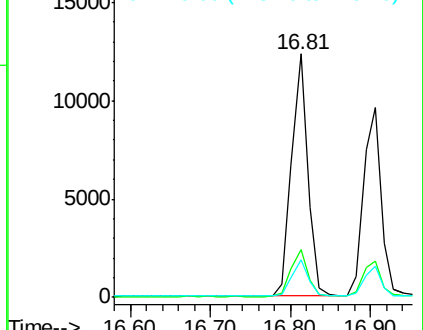
179 15.3 11.8 17.6



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: 0.413 ng

RT: 16.91 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

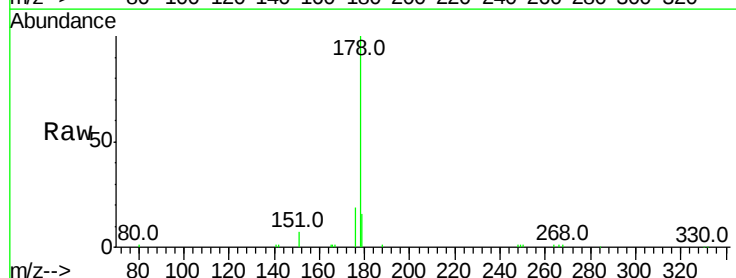
Tgt Ion:178 Resp: 14839

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

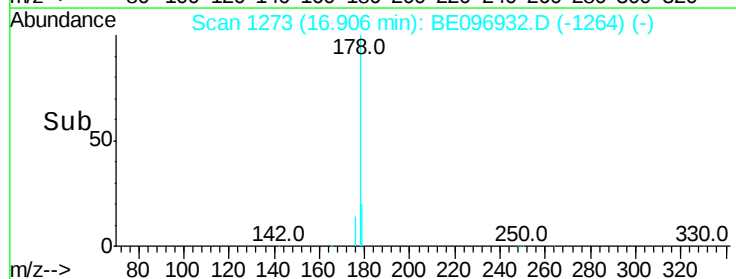
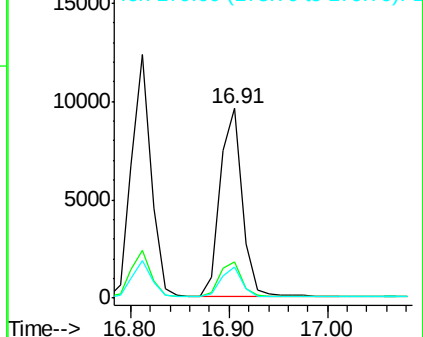
179 15.5 13.0 19.6



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: 0.407 ng

RT: 18.81 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

Instrument :

BNA_E

ClientSampleId :

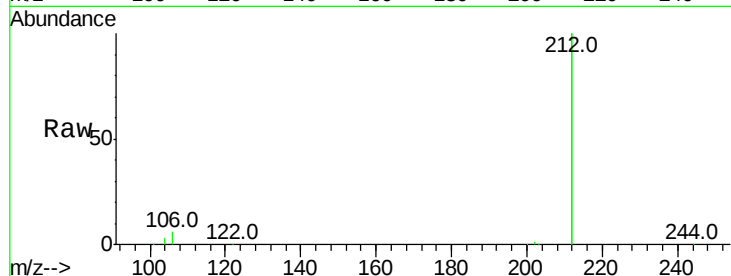
Tot Ion:212 Resp: 63324

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

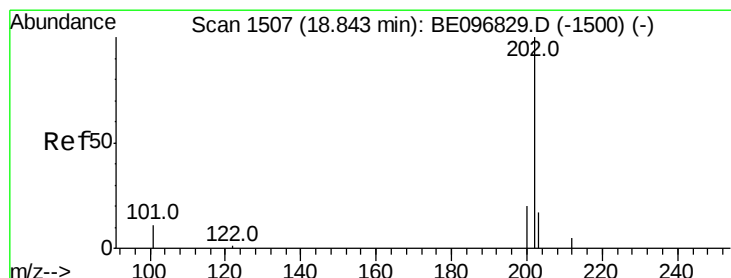
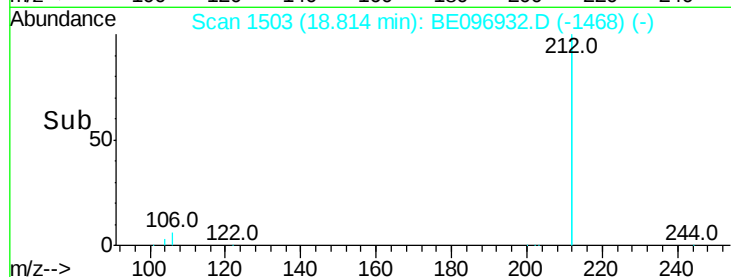
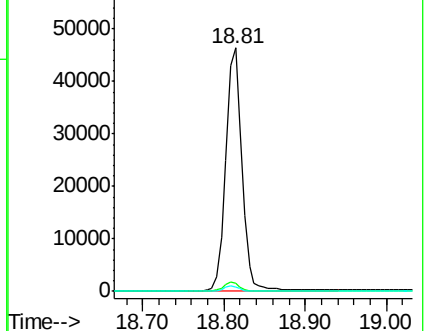
104 1.9 1.6 2.4



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: 0.416 ng

RT: 18.84 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

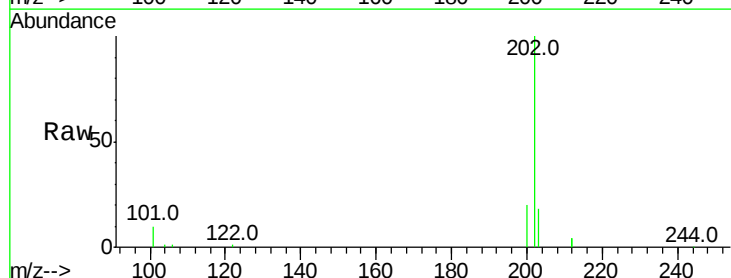
Tgt Ion:202 Resp: 18272

Ion Ratio Lower Upper

202 100

101 11.3 9.8 14.8

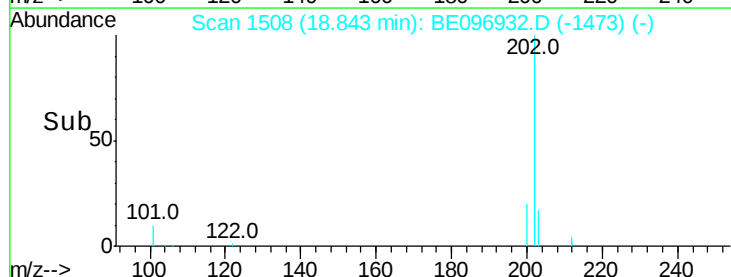
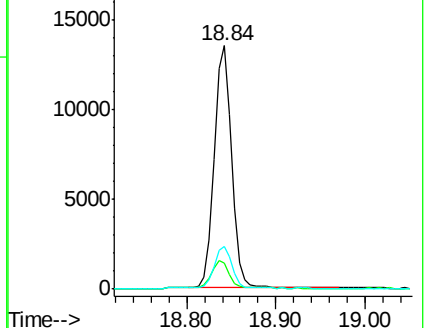
203 17.3 13.7 20.5



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# 1787

Delta R.T. 0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

Instrument :

BNA_E

ClientSampleId :

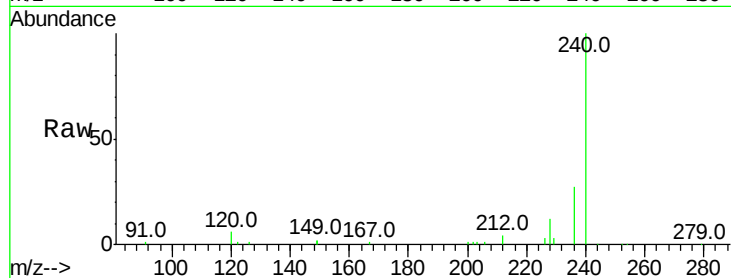
Tot Ion:240 Resp: 16703

Ion Ratio Lower Upper

240 100

120 5.7 5.5 8.3

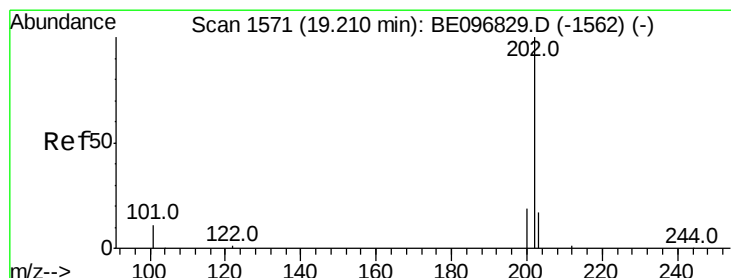
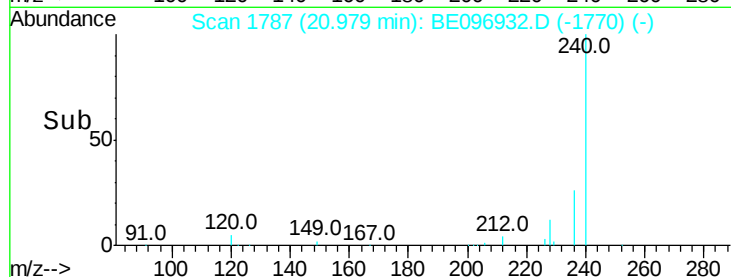
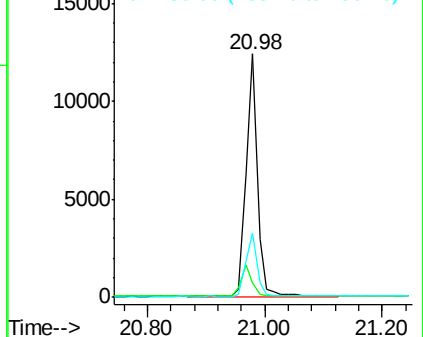
236 26.5 20.7 31.1



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: 0.378 ng

RT: 19.20 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

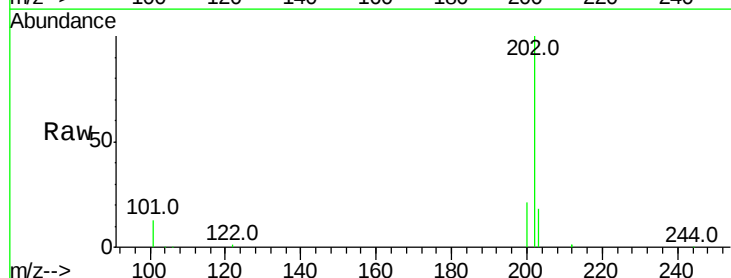
Tgt Ion:202 Resp: 18290

Ion Ratio Lower Upper

202 100

200 20.1 16.6 25.0

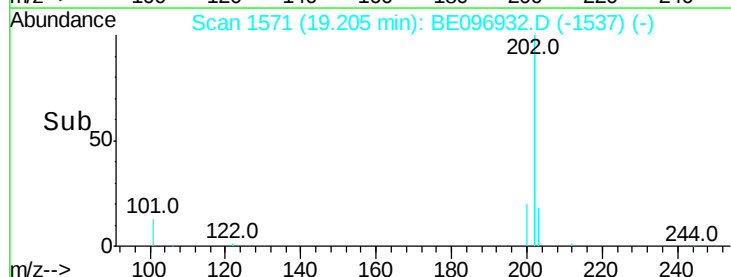
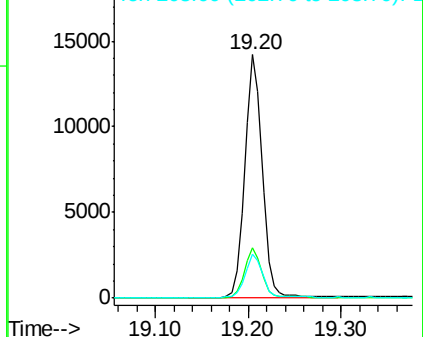
203 17.9 13.8 20.8

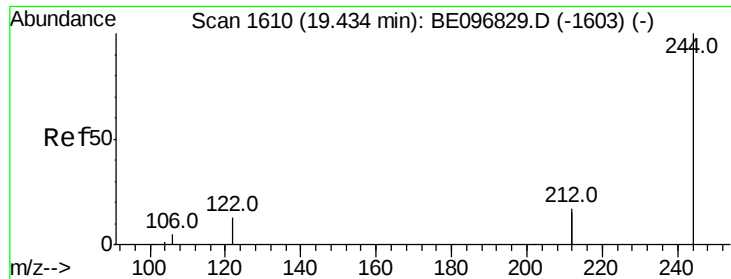


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

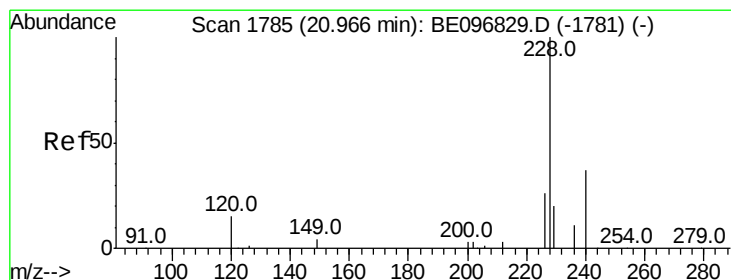
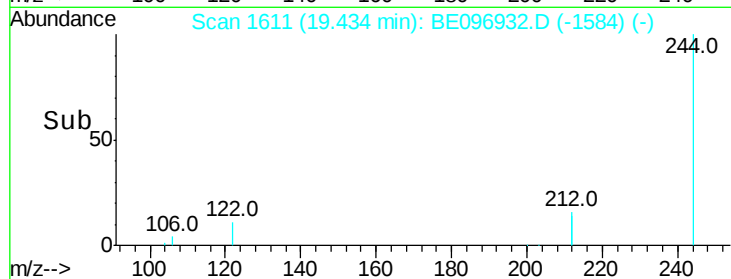
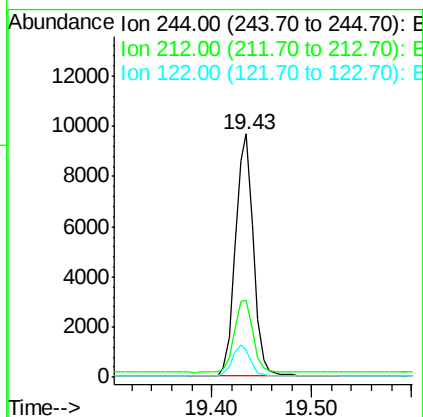
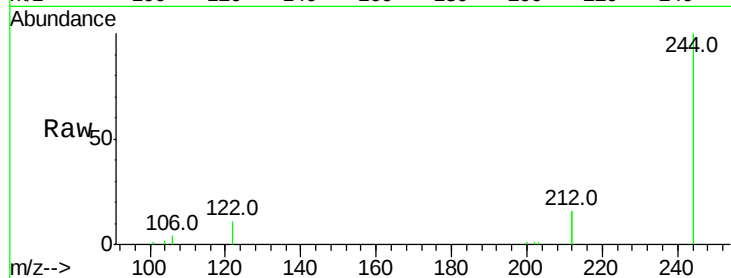




#29
 Terphenyl-d14
 Concen: 0.372 ng
 RT: 19.43 min Scan# 1611
 Delta R.T. 0.00 min
 Lab File: BE096932.D
 Acq: 14 Jul 2018 9:22

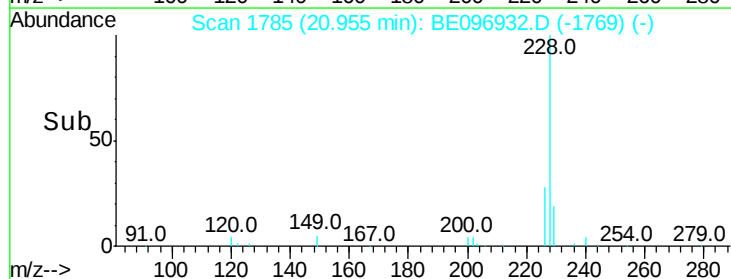
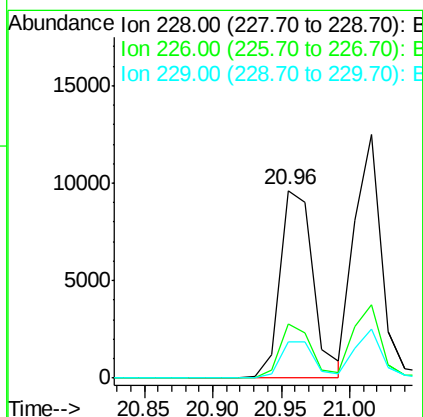
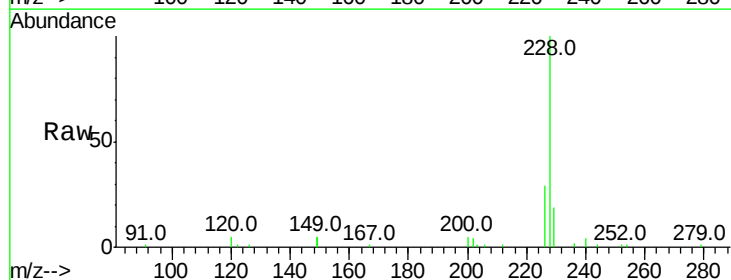
Instrument :
 BNA_E
 ClientSampleId :

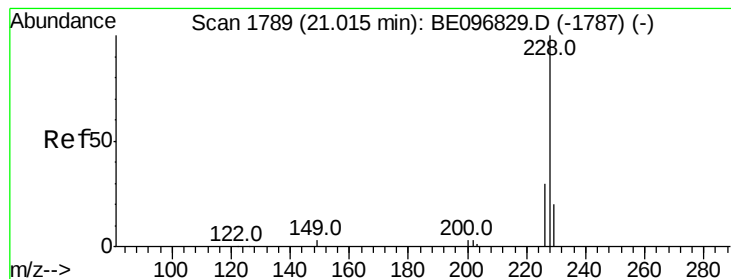
Tot Ion:244 Resp: 11980
 Ion Ratio Lower Upper
 244 100
 212 31.5 25.4 38.0
 122 11.0 8.1 12.1



#30
 Benzo(a)anthracene
 Concen: 0.431 ng
 RT: 20.96 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BE096932.D
 Acq: 14 Jul 2018 9:22

Tgt Ion:228 Resp: 15938
 Ion Ratio Lower Upper
 228 100
 226 28.7 24.0 36.0
 229 19.1 16.0 24.0





#31

Chrysene

Concen: 0.372 ng

RT: 21.02 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

Instrument :

BNA_E

ClientSampleId :

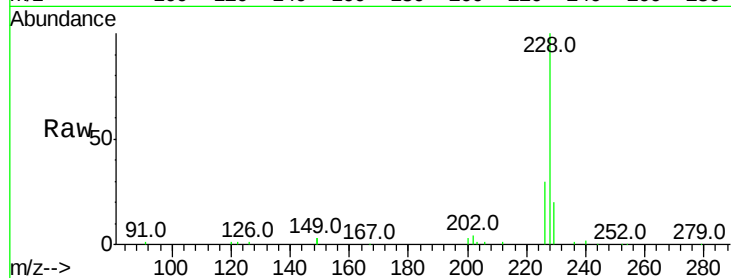
Tot Ion:228 Resp: 17018

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

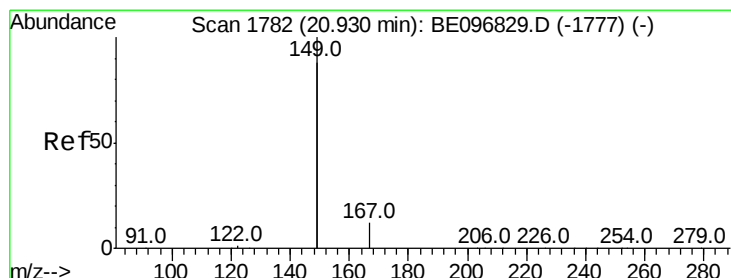
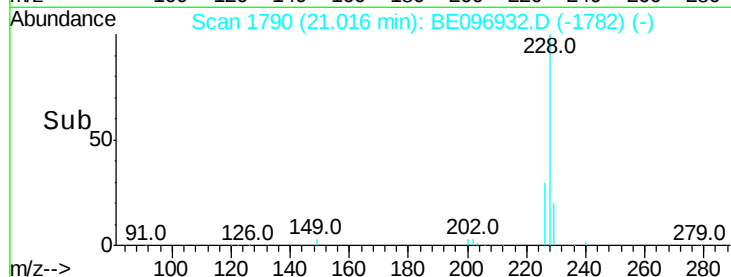
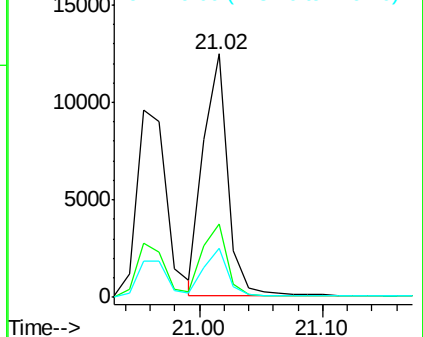
229 20.1 16.0 24.0



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: 0.640 ng

RT: 20.93 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

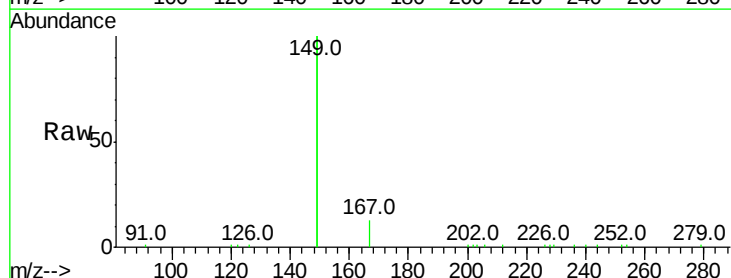
Tgt Ion:149 Resp: 21206

Ion Ratio Lower Upper

149 100

167 6.3 5.4 8.0

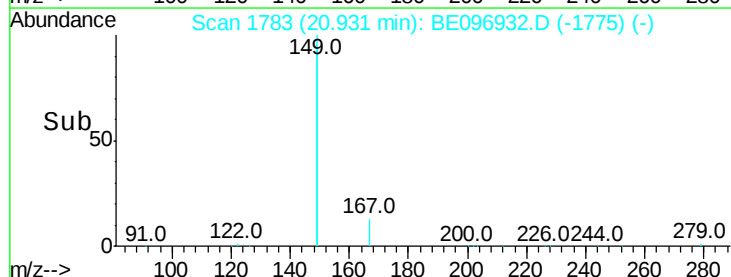
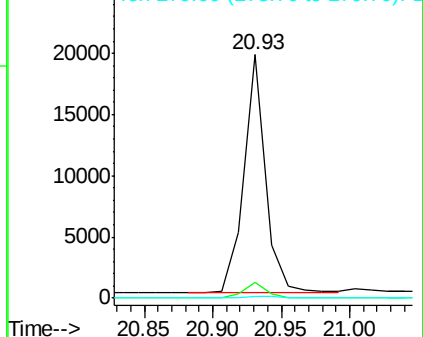
279 0.8 0.7 1.1



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: 0.516 ng

RT: 25.50 min Scan# 2843

Delta R.T. -0.01 min

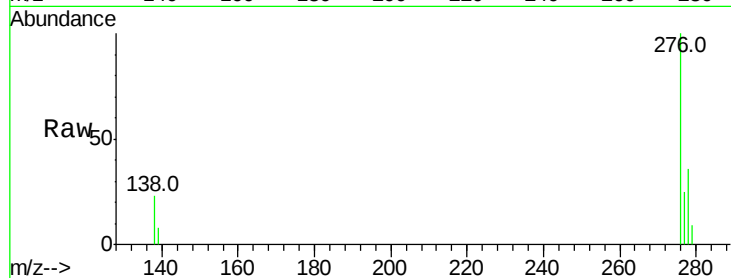
Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

Instrument :

BNA_E

ClientSampleId :



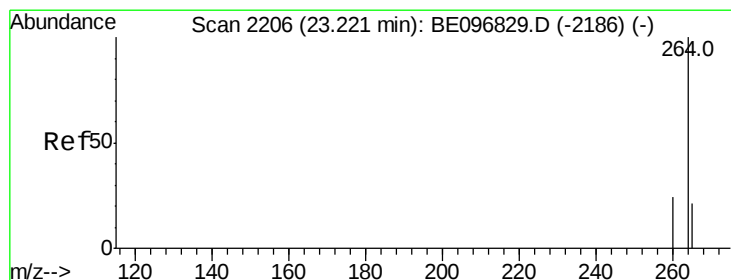
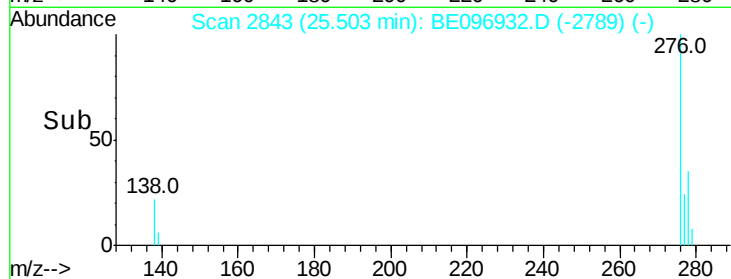
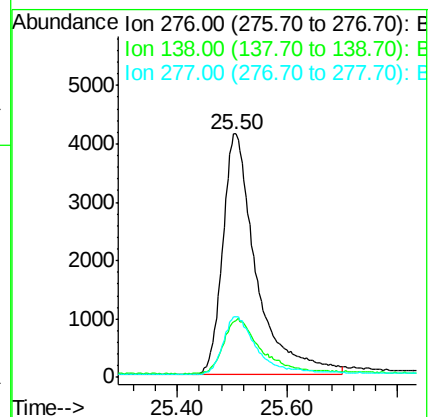
Tot Ion:276 Resp: 17538

Ion Ratio Lower Upper

276 100

138 25.0 22.5 33.7

277 25.1 19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

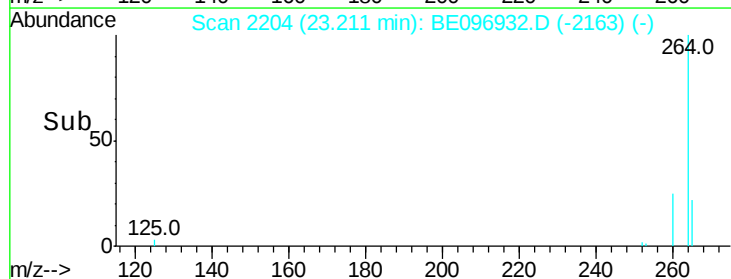
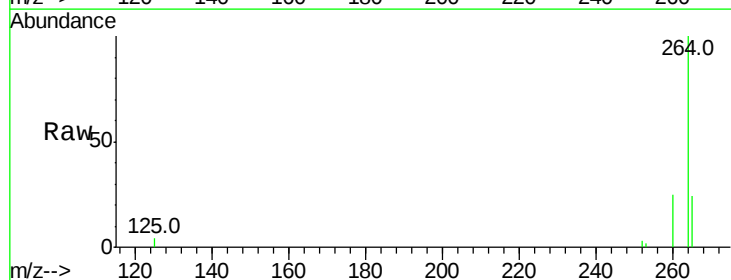
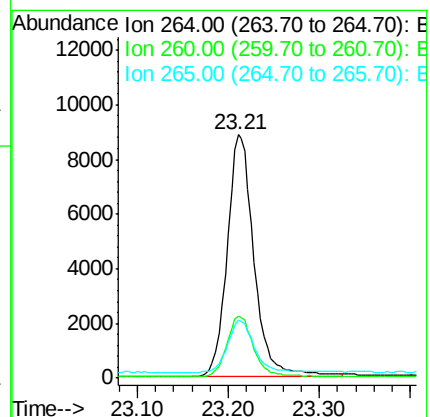
Tgt Ion:264 Resp: 18103

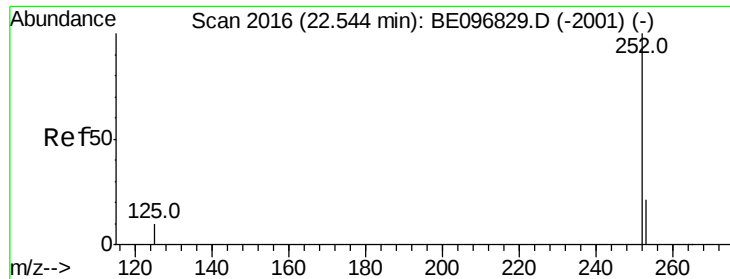
Ion Ratio Lower Upper

264 100

260 25.4 20.5 30.7

265 23.9 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.317 ng

RT: 22.54 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

Instrument :

BNA_E

ClientSampleId :

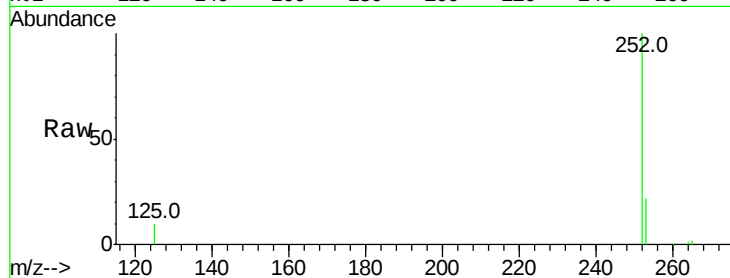
Tot Ion:252 Resp: 15665

Ion Ratio Lower Upper

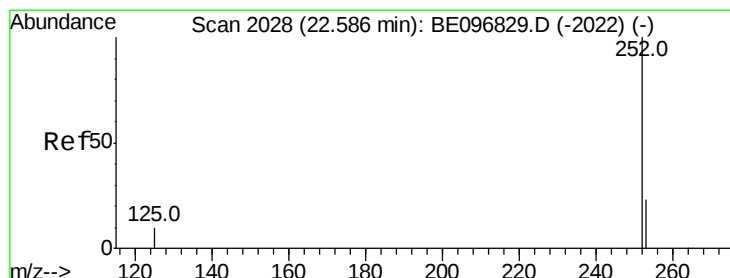
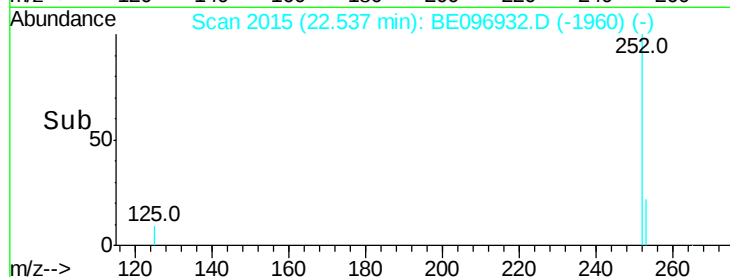
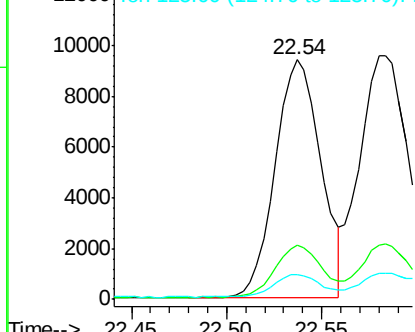
252 100

253 22.4 20.0 30.0

125 10.1 16.0 24.0#



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



#36

Benzo(k)fluoranthene

Concen: 0.354 ng

RT: 22.58 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

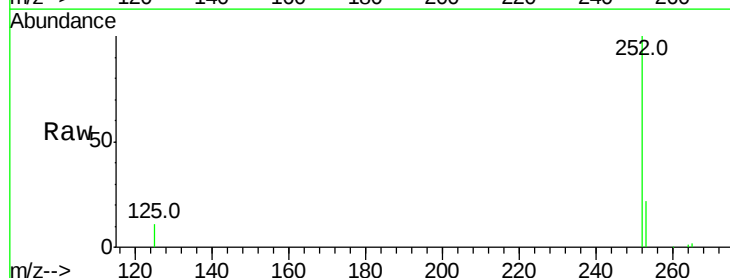
Tgt Ion:252 Resp: 18745

Ion Ratio Lower Upper

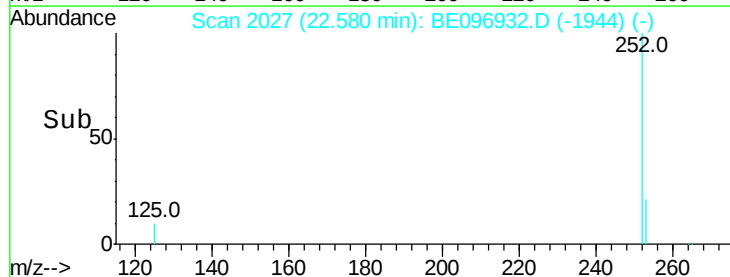
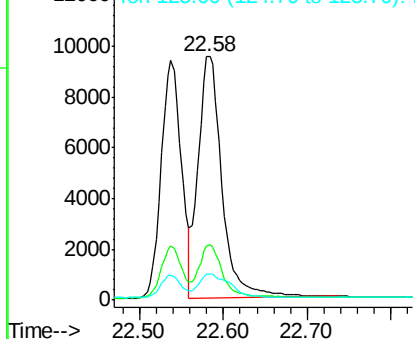
252 100

253 22.3 16.0 24.0

125 10.6 8.0 12.0



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





#37

Benzo(a)pyrene

Concen: 0.383 ng

RT: 23.11 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

Instrument :

BNA_E

ClientSampleId :

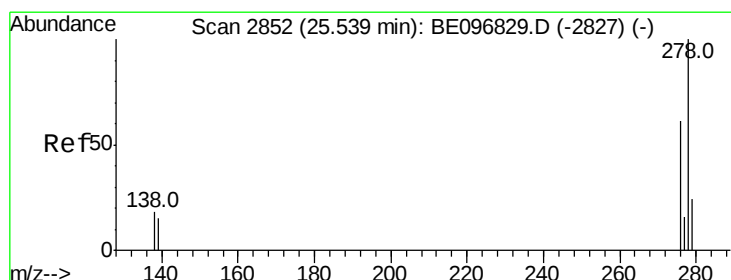
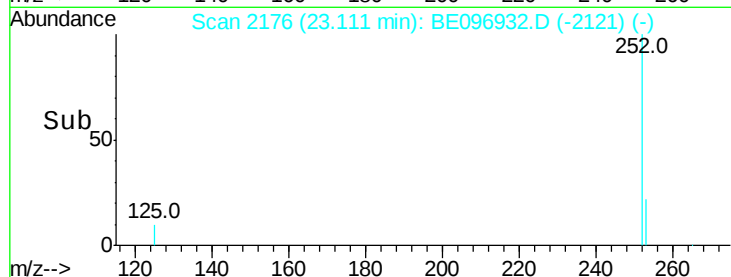
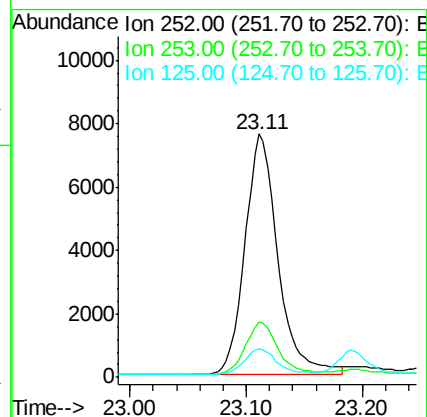
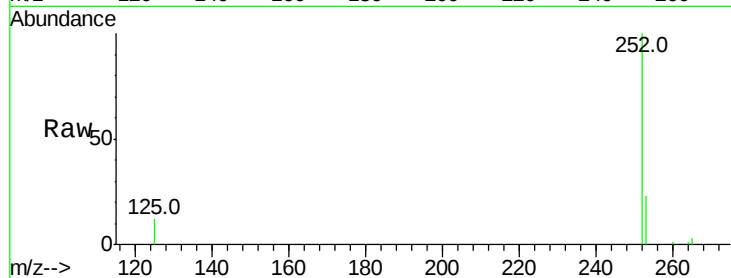
Tot Ion:252 Resp: 15021

Ion Ratio Lower Upper

252 100

253 22.6 16.0 24.0

125 11.5 12.0 18.0#



#38

Dibenzo(a,h)anthracene

Concen: 0.385 ng

RT: 25.53 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

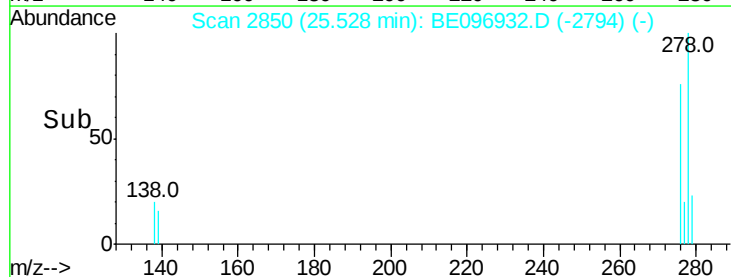
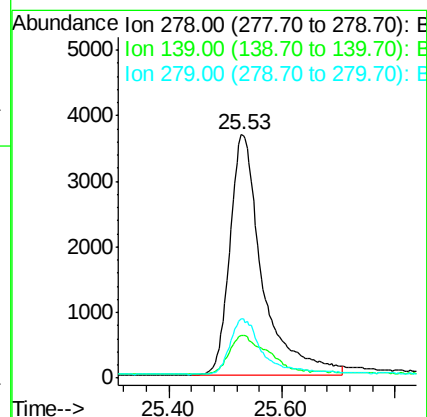
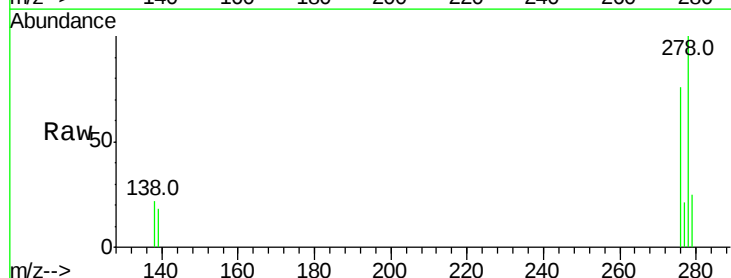
Tgt Ion:278 Resp: 14614

Ion Ratio Lower Upper

278 100

139 17.6 16.0 24.0

279 24.5 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 0.344 ng

RT: 26.20 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BE096932.D

Acq: 14 Jul 2018 9:22

Instrument :

BNA_E

ClientSampleId :

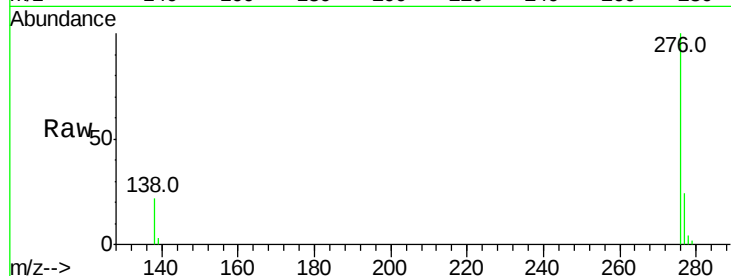
Tot Ion:276 Resp: 15067

Ion Ratio Lower Upper

276 100

277 23.7 16.0 24.0

138 22.3 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

