

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062018\
 Data File : BE096831.D
 Acq On : 20 Jun 2018 12:13
 Operator : SJ/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 20 12:54:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 20 11:46:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2608	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	12895	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	7437	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	18485	0.40	ng	0.00
27) Chrysene-d12	20.98	240	17848	0.40	ng	0.00
34) Perylene-d12	23.21	264	13081	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	9829	1.72	ng	0.00
5) Phenol-d6	6.59	99	15004	1.76	ng	0.00
8) Nitrobenzene-d5	8.53	82	13506	1.88	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	31391	1.52	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	3353	2.18	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	44332	1.45	ng	0.00
25) Fluoranthene-d10	18.81	212	293802	1.62	ng	0.00
29) Terphenyl-d14	19.43	244	57007	1.41	ng	0.00

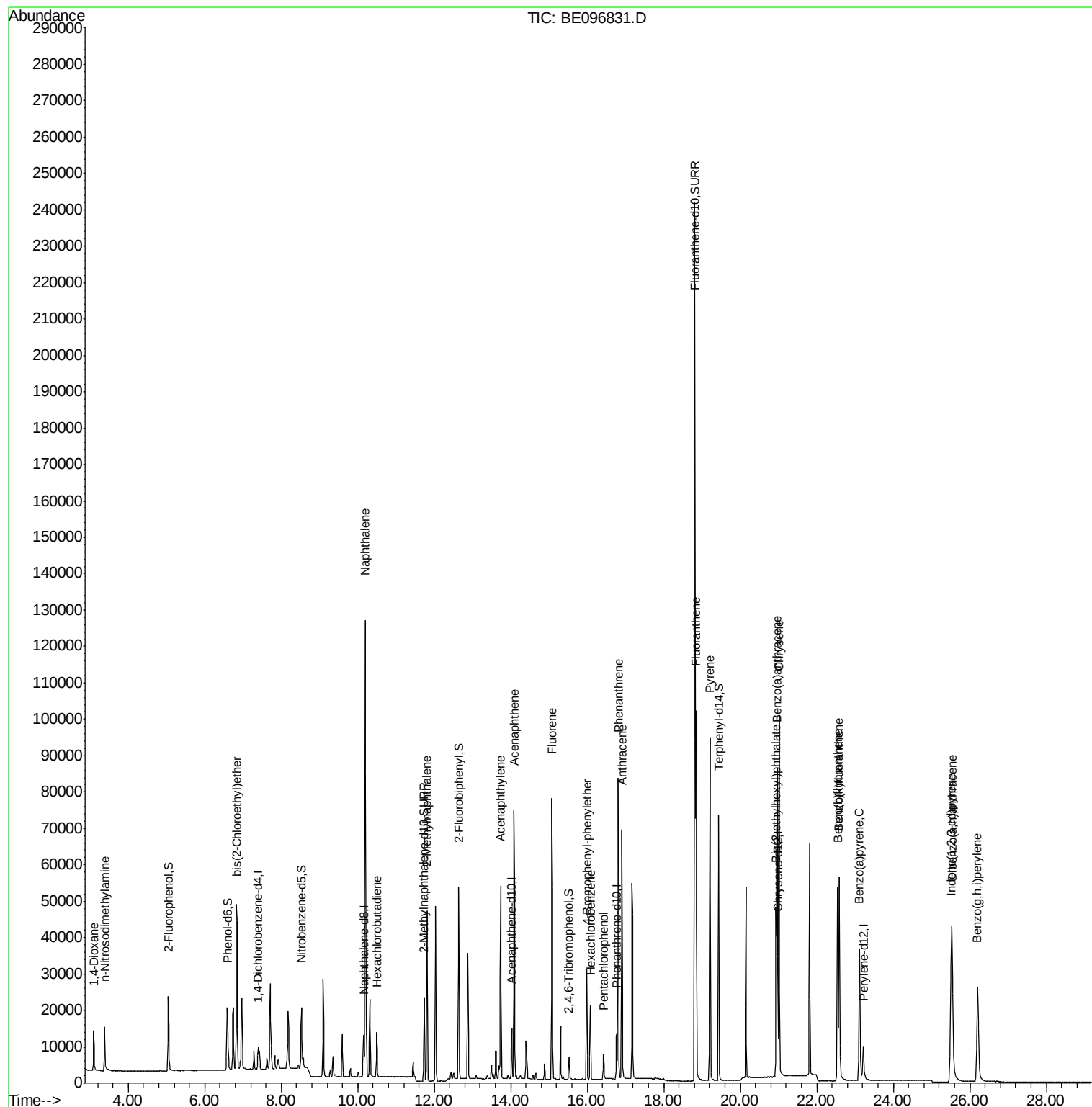
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	6291	1.490	ng	# 86
3) n-Nitrosodimethylamine	3.38	42	7314	1.643	ng	# 89
6) bis(2-Chloroethyl)ether	6.85	93	16039	1.592	ng	97
9) Naphthalene	10.20	128	194086	1.532	ng	99
10) Hexachlorobutadiene	10.50	225	8090	1.531	ng	96
12) 2-Methylnaphthalene	11.81	142	32855	1.546	ng	100
16) Acenaphthylene	13.74	152	55447	1.581	ng	100
17) Acenaphthene	14.08	154	35347	1.499	ng	95
18) Fluorene	15.08	166	42991	1.542	ng	# 80
20) 4-Bromophenyl-phenylether	15.98	248	14474	1.606	ng	# 81
21) Hexachlorobenzene	16.09	284	15981	1.510	ng	# 80
22) Pentachlorophenol	16.43	266	3395	2.064	ng	# 72
23) Phenanthrene	16.81	178	77129	1.535	ng	98
24) Anthracene	16.91	178	67641	1.640	ng	95
26) Fluoranthene	18.84	202	89027	1.674	ng	99
28) Pyrene	19.21	202	85186	1.453	ng	99
30) Benzo(a)anthracene	20.97	228	71615	1.655	ng	95
31) Chrysene	21.02	228	80537	1.478	ng	99
32) Bis(2-ethylhexyl)phthalate	20.93	149	59919	1.843	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	64620	1.580	ng	96
35) Benzo(b)fluoranthene	22.54	252	63884	1.777	ng	# 86
36) Benzo(k)fluoranthene	22.58	252	77308	1.808	ng	97
37) Benzo(a)pyrene	23.11	252	56765	1.819	ng	# 93
38) Dibenzo(a,h)anthracene	25.54	278	56336	1.881	ng	95
39) Benzo(g,h,i)perylene	26.20	276	57306	1.728	ng	# 92

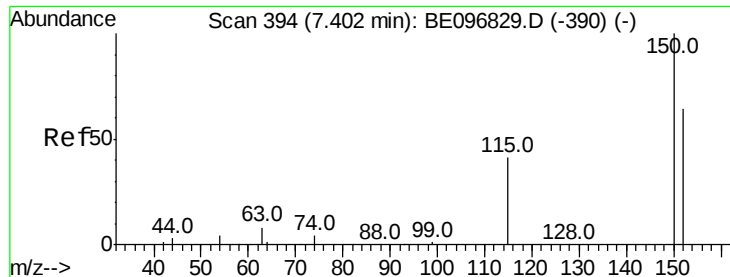
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 394

Delta R.T. -0.00 min

Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

Instrument :

BNA_E

ClientSampleId :

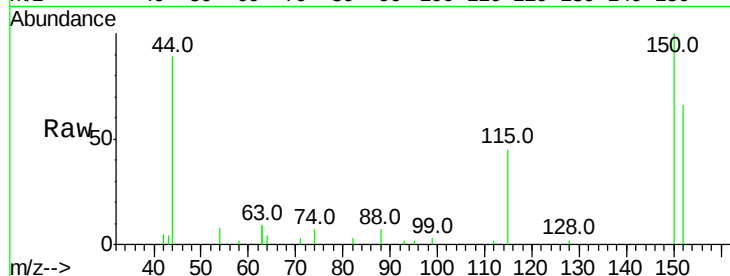
Tot Ion:152 Resp: 2608

Ion Ratio Lower Upper

152 100

150 151.5 117.2 175.8

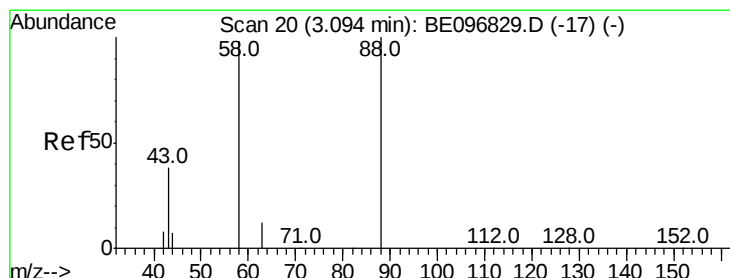
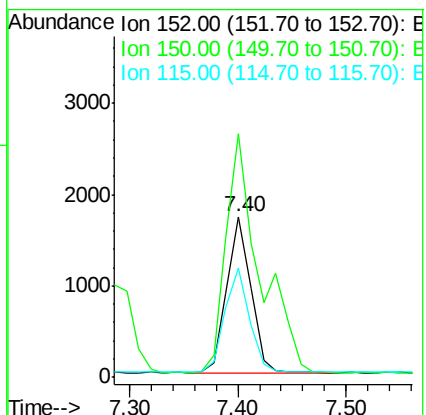
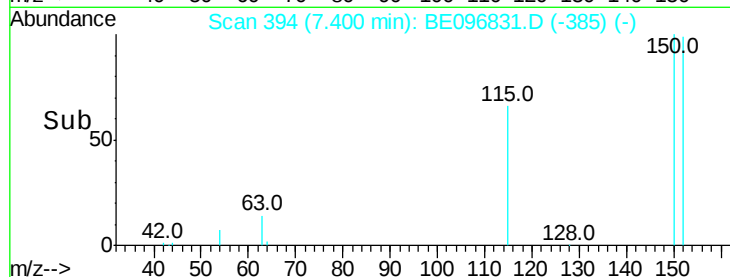
115 68.4 57.0 85.6



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: 1.490 ng

RT: 3.09 min Scan# 20

Delta R.T. -0.00 min

Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

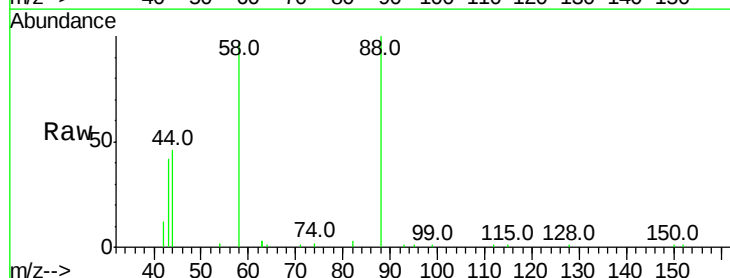
Tgt Ion: 88 Resp: 6291

Ion Ratio Lower Upper

88 100

58 85.6 63.2 94.8

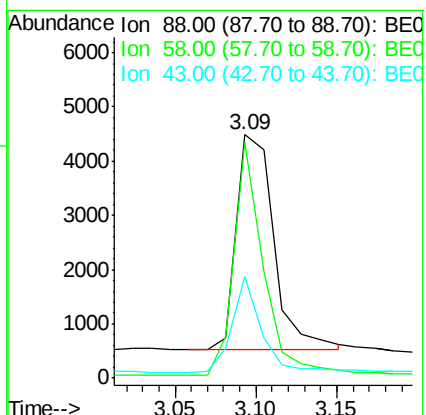
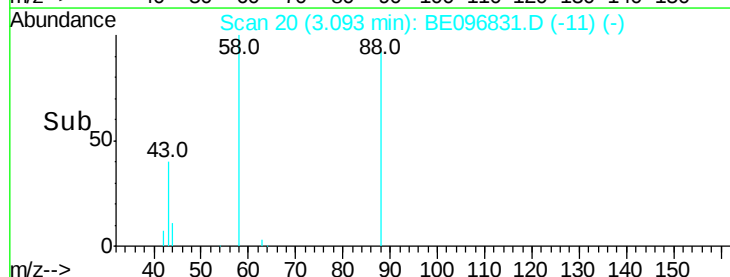
43 34.2 41.2 61.8#

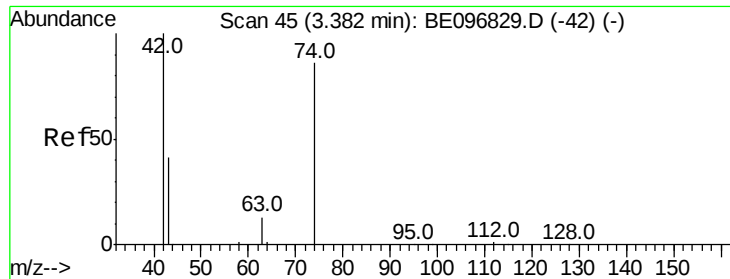


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



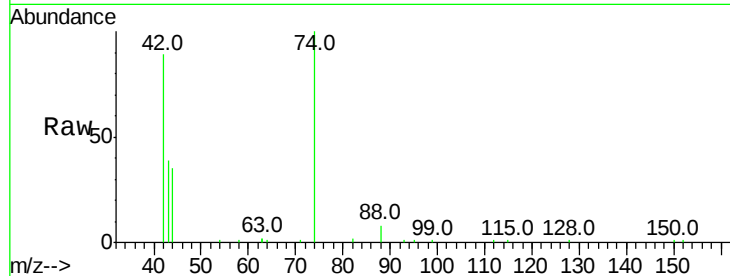


#3

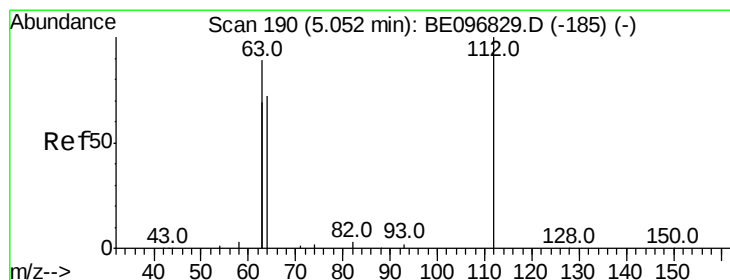
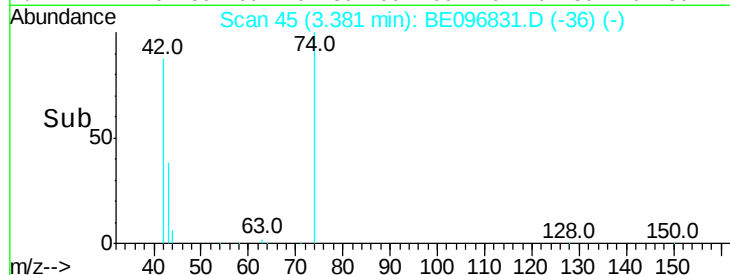
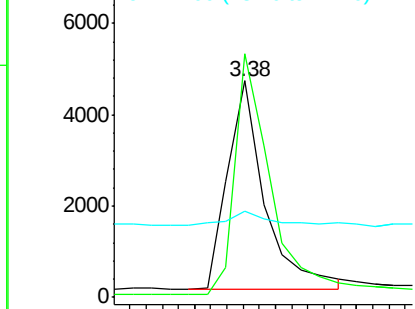
n-Nitrosodimethylamine
 Concen: 1.643 ng
 RT: 3.38 min Scan# 45
 Delta R.T. -0.00 min
 Lab File: BE096831.D
 Acq: 20 Jun 2018 12:13

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 7314
 Ion Ratio Lower Upper
 42 100
 74 108.9 96.0 144.0
 44 7.8 12.0 18.0#



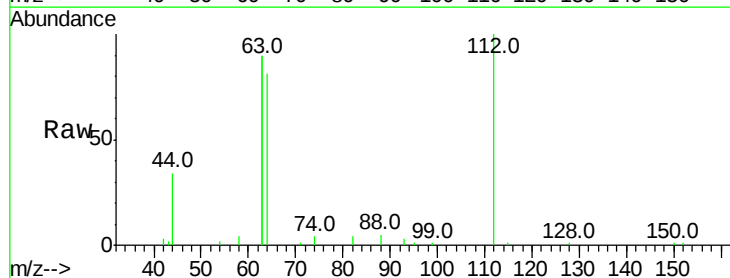
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



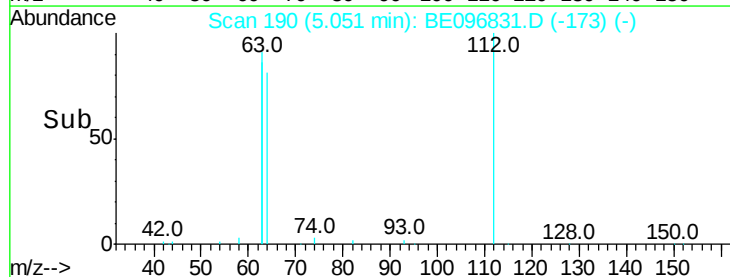
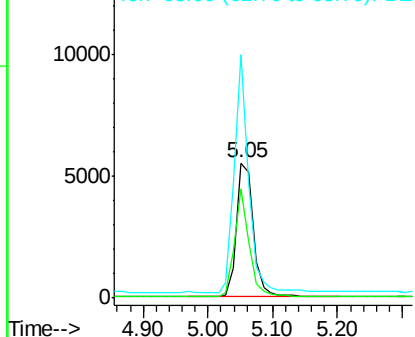
#4

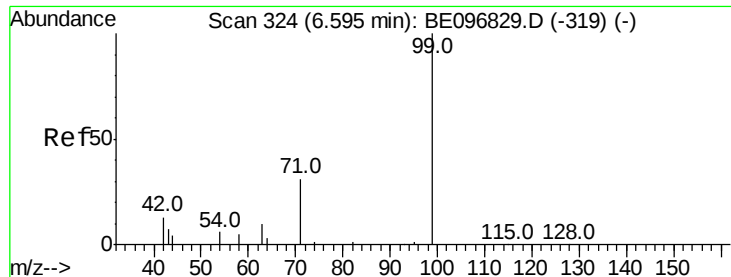
2-Fluorophenol
 Concen: 1.725 ng
 RT: 5.05 min Scan# 190
 Delta R.T. -0.00 min
 Lab File: BE096831.D
 Acq: 20 Jun 2018 12:13

Tgt Ion: 112 Resp: 9829
 Ion Ratio Lower Upper
 112 100
 64 69.1 60.1 90.1
 63 149.7 116.8 175.2



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: 1.756 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

Instrument :

BNA_E

ClientSampleId :

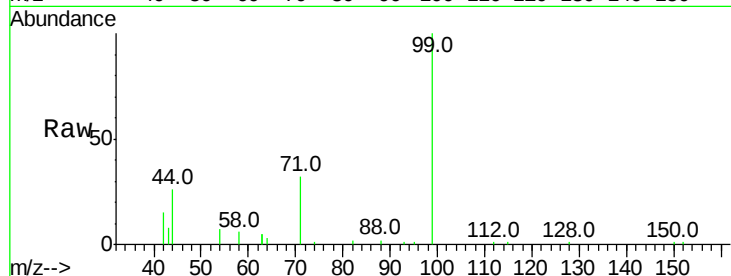
Tot Ion: 99 Resp: 15004

Ion Ratio Lower Upper

99 100

42 23.9 20.2 30.2

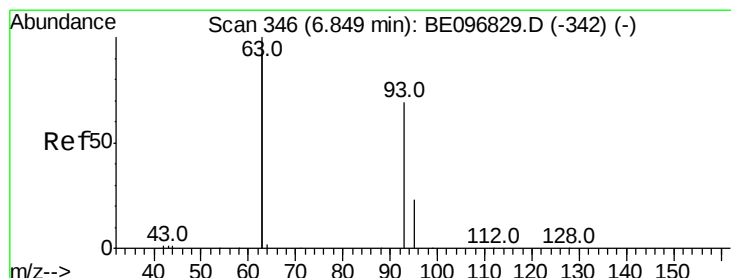
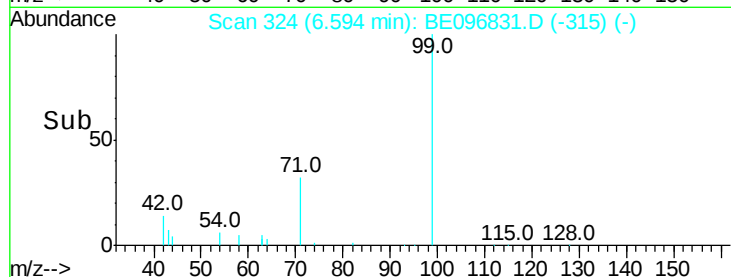
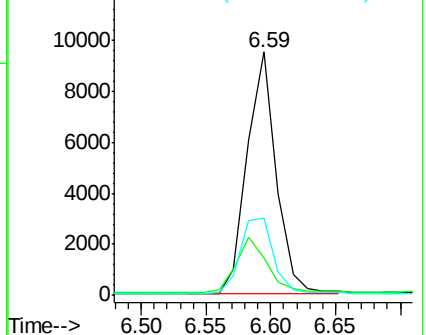
71 36.2 28.4 42.6



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: 1.592 ng

RT: 6.85 min Scan# 346

Delta R.T. -0.00 min

Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

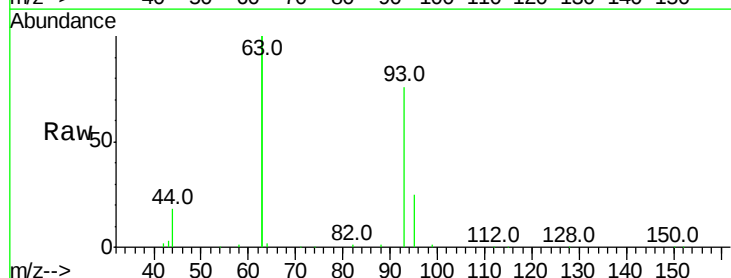
Tgt Ion: 93 Resp: 16039

Ion Ratio Lower Upper

93 100

63 336.1 275.3 412.9

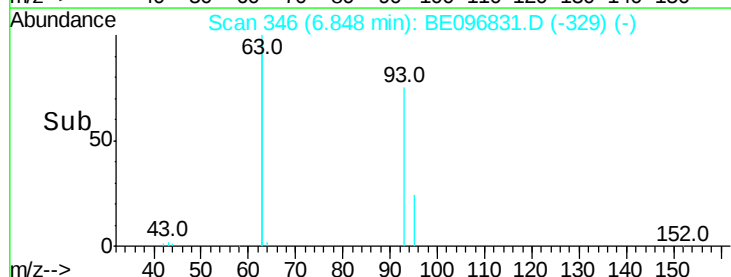
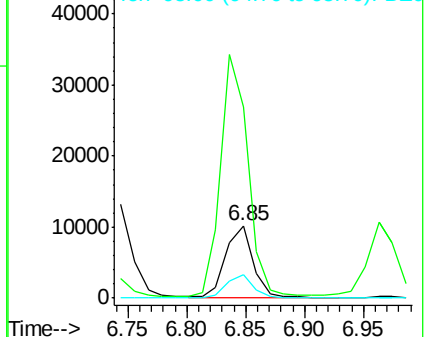
95 31.8 25.2 37.8

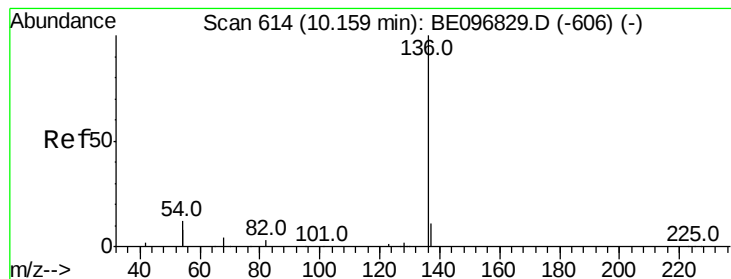


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.16 min Scan# 614

Delta R.T. 0.00 min

Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 12895

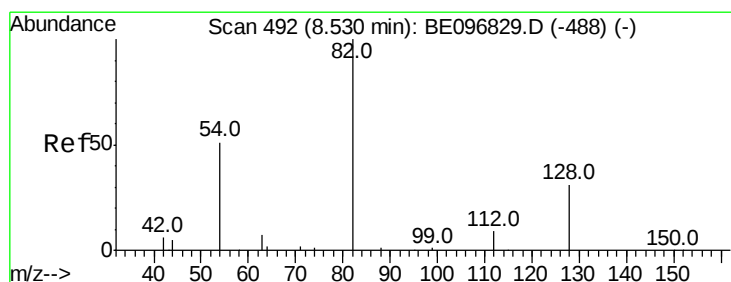
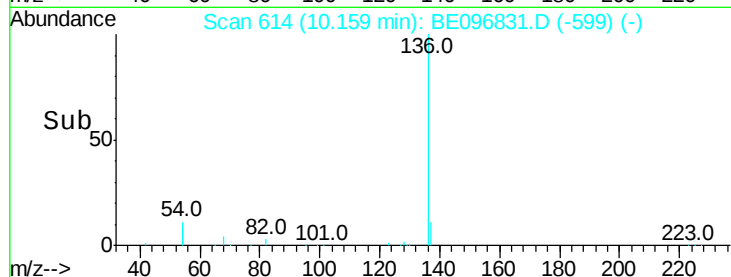
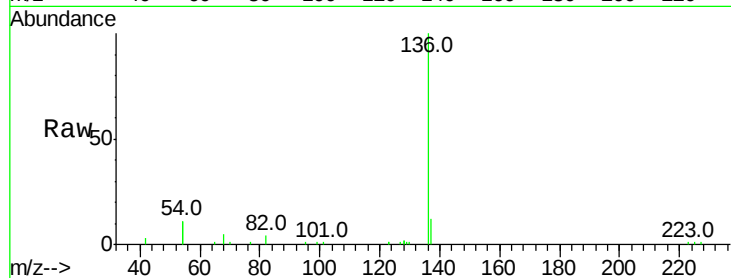
Ion Ratio Lower Upper

136 100

137 11.6 9.5 14.3

54 22.6 29.1 43.7#

68 5.0 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 1.883 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

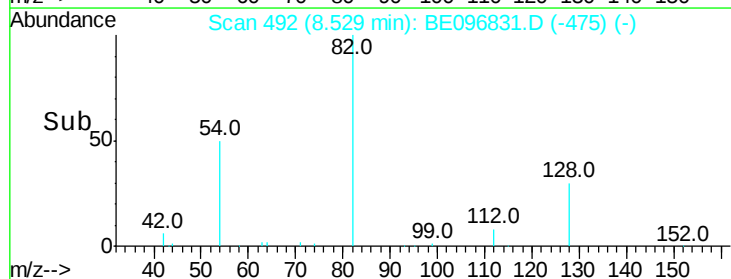
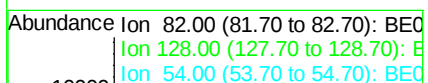
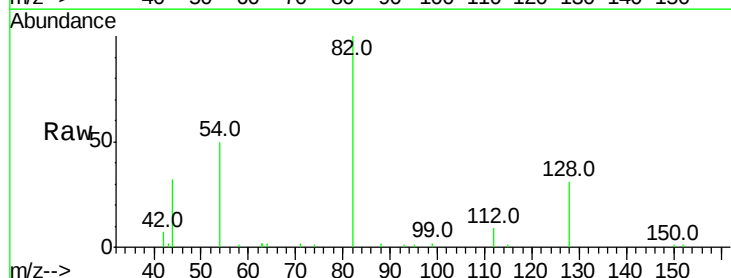
Tgt Ion: 82 Resp: 13506

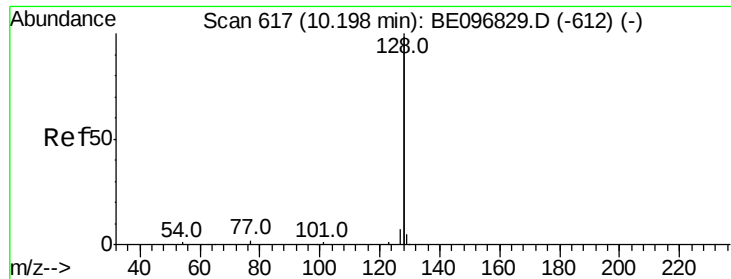
Ion Ratio Lower Upper

82 100

128 30.8 24.0 36.0

54 50.1 40.0 60.0





#9

Naphthalene

Concen: 1.532 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

Instrument :

BNA_E

ClientSampled :

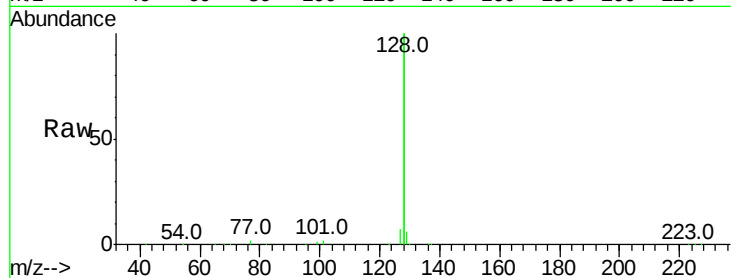
Tot Ion:128 Resp: 194086

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

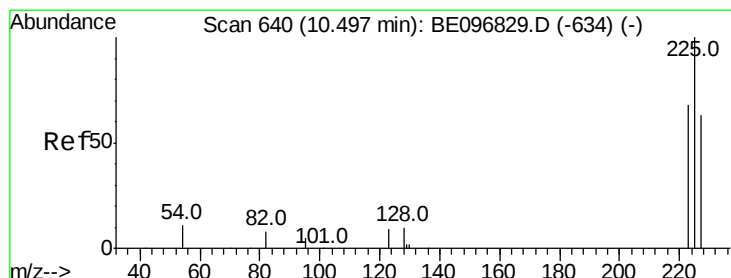
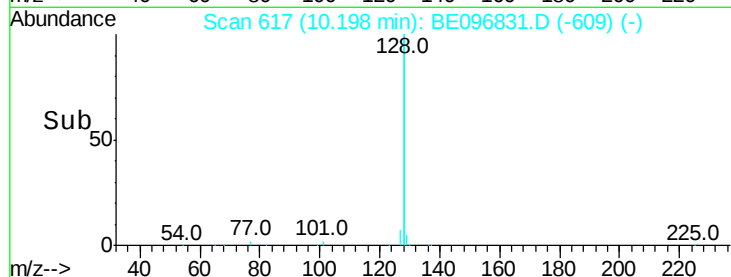
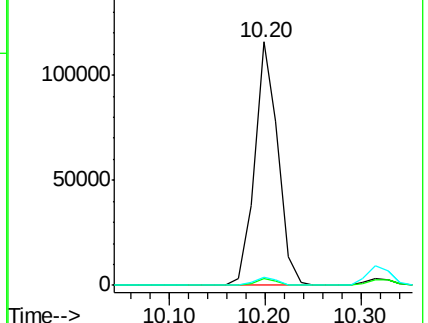
127 3.4 2.8 4.2



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: 1.531 ng

RT: 10.50 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

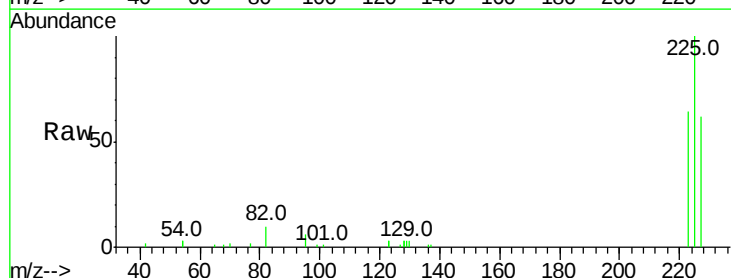
Tgt Ion:225 Resp: 8090

Ion Ratio Lower Upper

225 100

223 62.4 53.0 79.6

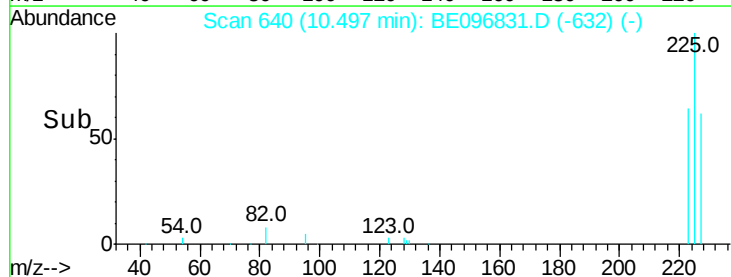
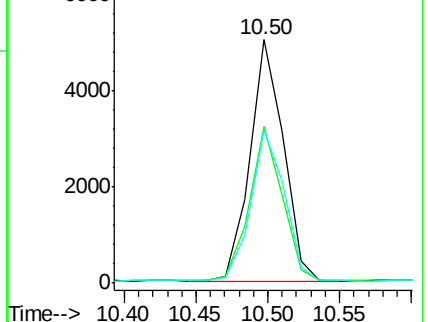
227 62.7 51.4 77.2

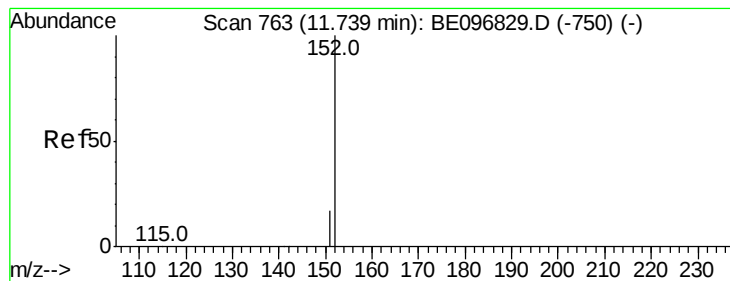


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.524 ng

RT: 11.73 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

Instrument :

BNA_E

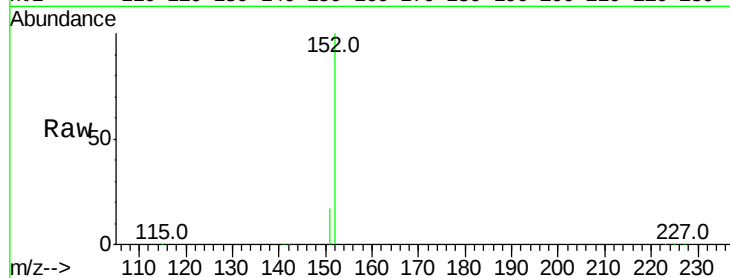
ClientSampleId :

Tot Ion:152 Resp: 31391

Ion Ratio Lower Upper

152 100

151 19.2 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

20000

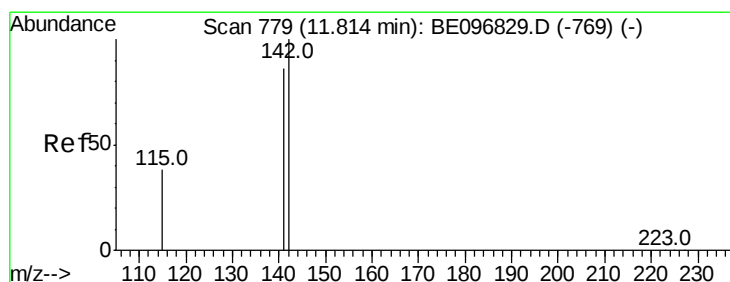
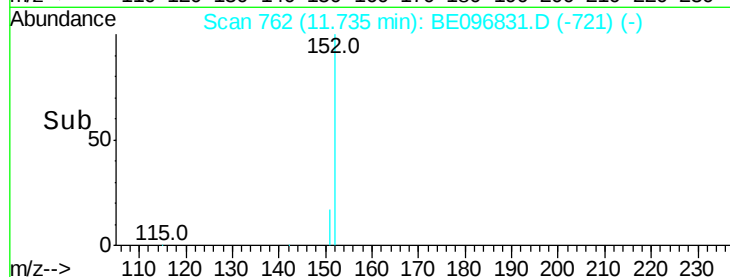
15000

10000

5000

0

Time--> 11.60 11.70 11.80 11.90



#12

2-Methylnaphthalene

Concen: 1.546 ng

RT: 11.81 min Scan# 778

Delta R.T. -0.00 min

Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

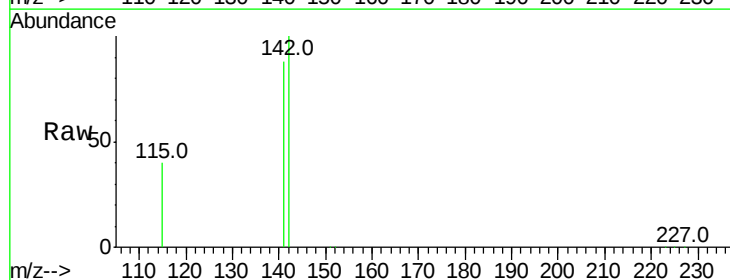
Tgt Ion:142 Resp: 32855

Ion Ratio Lower Upper

142 100

141 88.0 70.4 105.6

115 40.0 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

25000

20000

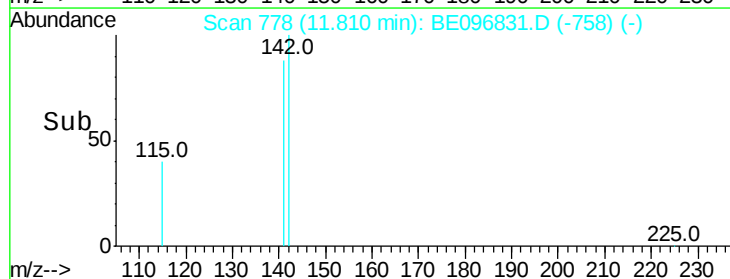
15000

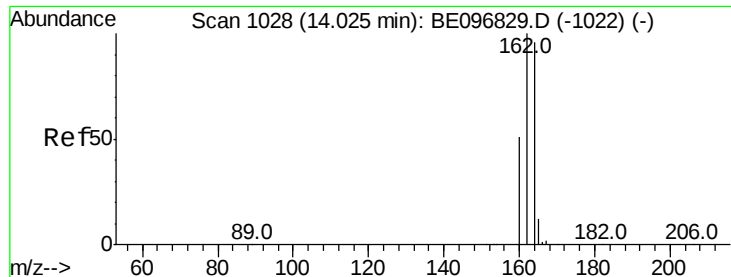
10000

5000

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: BE096831.D

Acq: 20 Jun 2018 12:13

Instrument :

BNA_E

ClientSampleId :

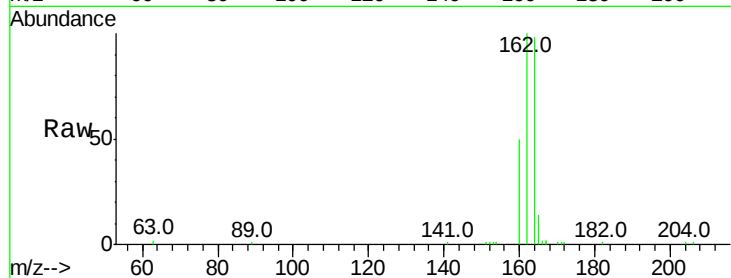
Tot Ion:164 Resp: 7437

Ion Ratio Lower Upper

164 100

162 102.5 83.1 124.7

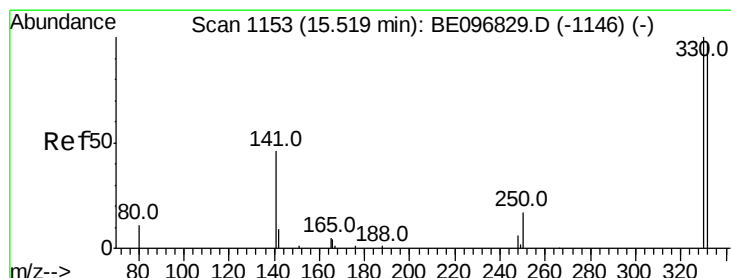
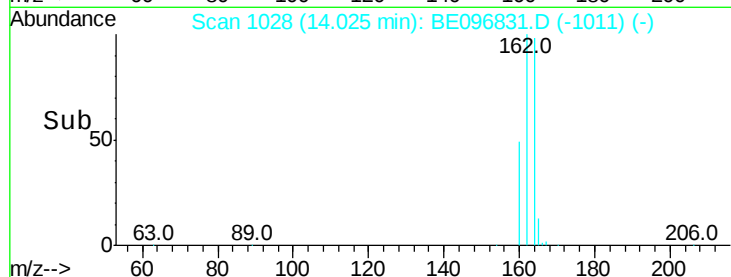
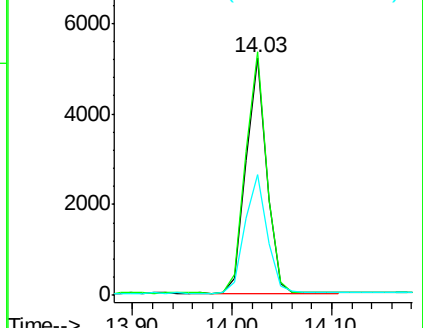
160 51.0 37.1 55.7



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: 2.181 ng

RT: 15.52 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

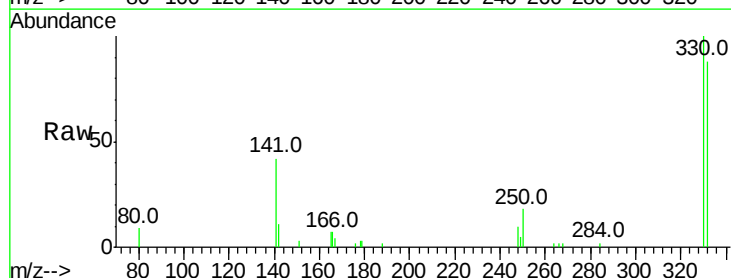
Tgt Ion:330 Resp: 3353

Ion Ratio Lower Upper

330 100

332 94.0 152.7 229.1#

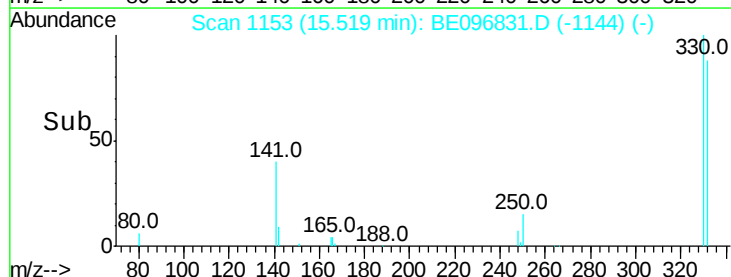
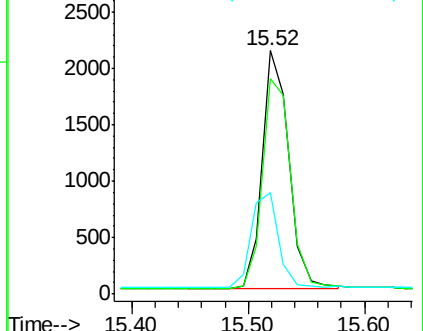
141 41.6 33.7 50.5

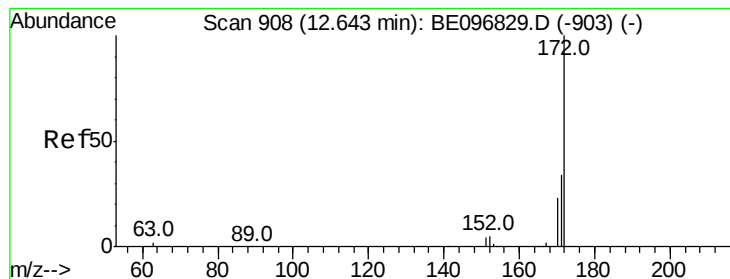


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 1.449 ng

RT: 12.64 min Scan# 908

Delta R.T. 0.00 min

Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

Instrument :

BNA_E

ClientSampleId :

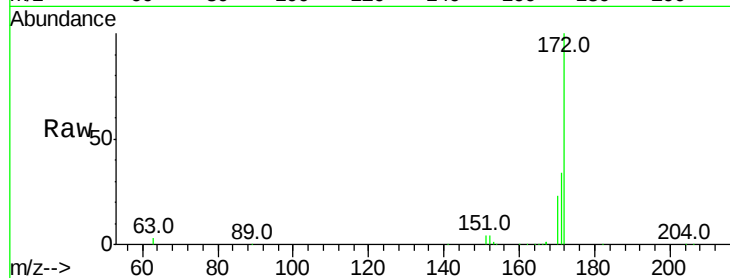
Tot Ion:172 Resp: 44332

Ion Ratio Lower Upper

172 100

171 34.0 29.9 44.9

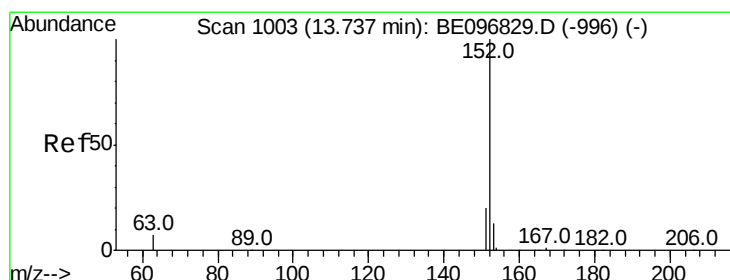
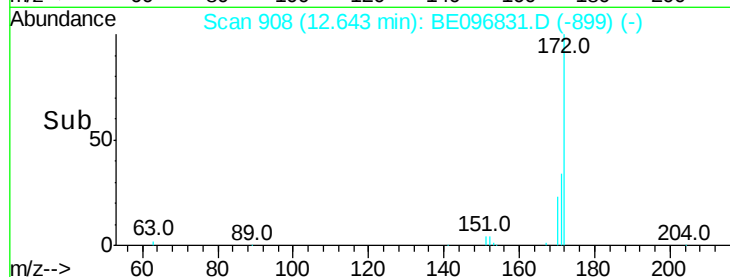
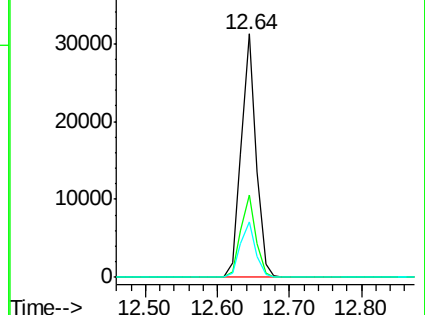
170 22.9 21.8 32.8



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: 1.581 ng

RT: 13.74 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

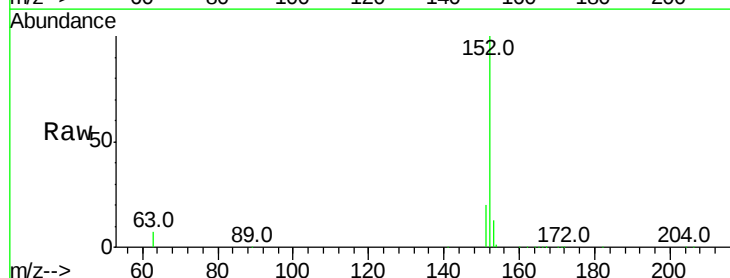
Tgt Ion:152 Resp: 55447

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

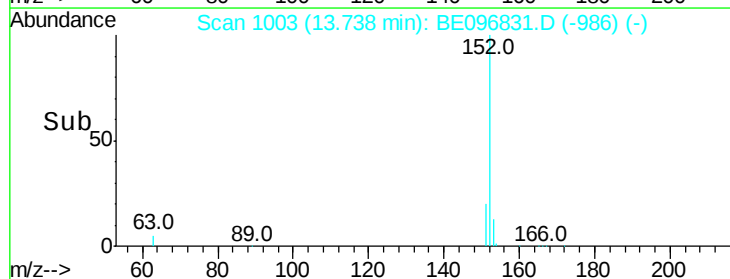
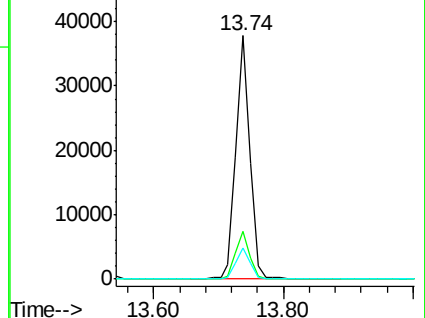
153 12.9 10.5 15.7

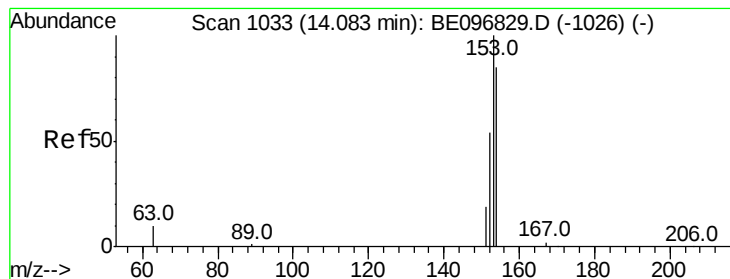


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 1.499 ng

RT: 14.08 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

Instrument :

BNA_E

ClientSampleId :

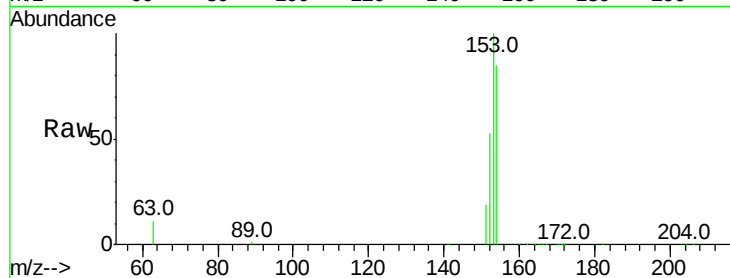
Tot Ion:154 Resp: 35347

Ion Ratio Lower Upper

154 100

153 113.8 89.2 133.8

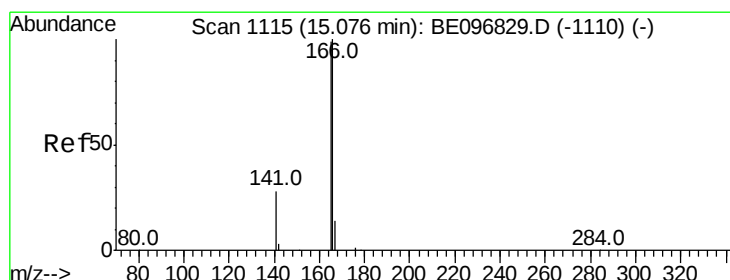
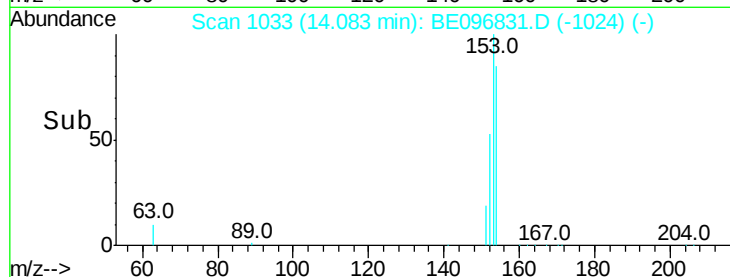
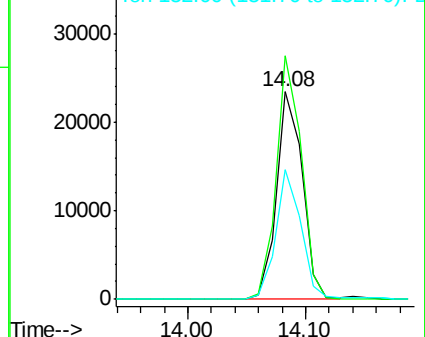
152 60.3 42.0 63.0



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: 1.542 ng

RT: 15.08 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

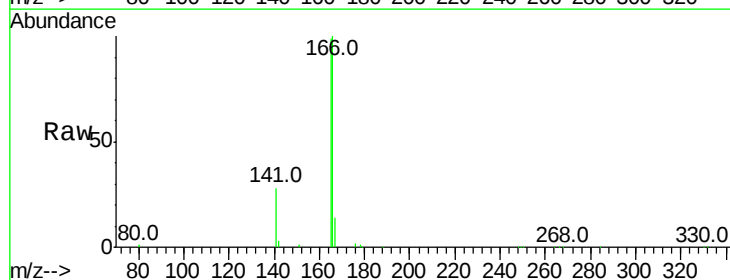
Tgt Ion:166 Resp: 42991

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.6

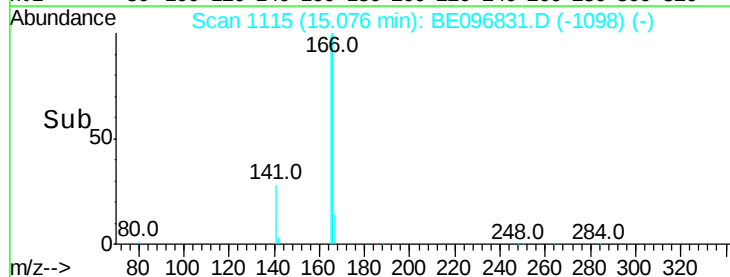
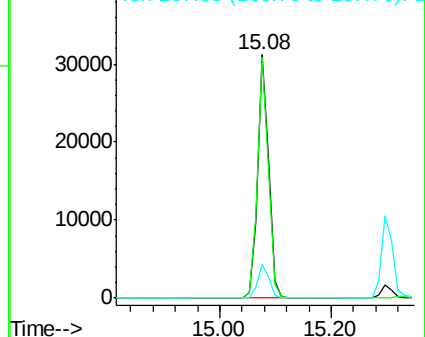
167 14.2 42.4 63.6#

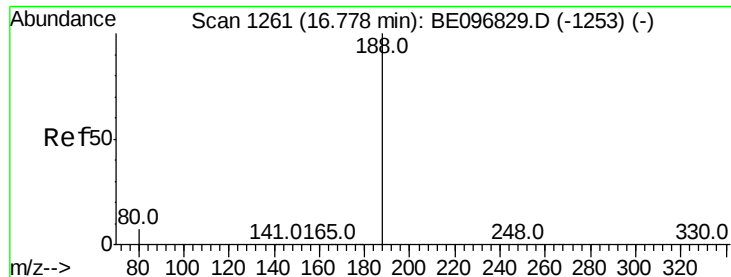


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.78 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

Instrument :

BNA_E

ClientSampleId :

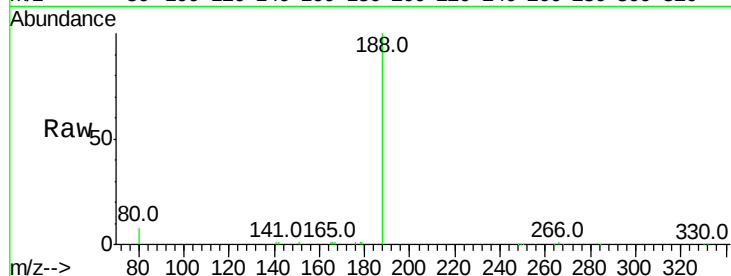
Tot Ion:188 Resp: 18485

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

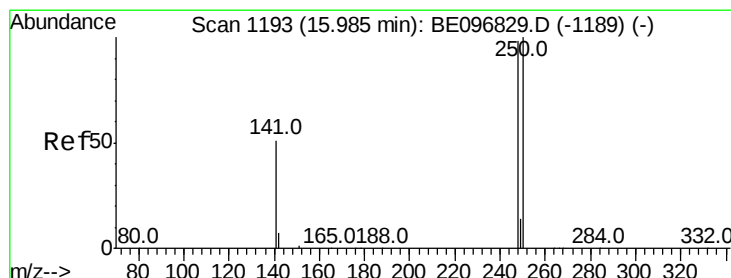
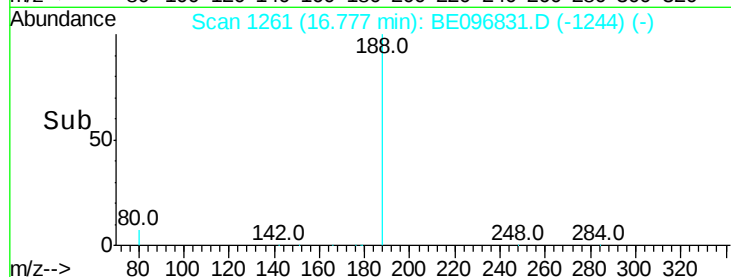
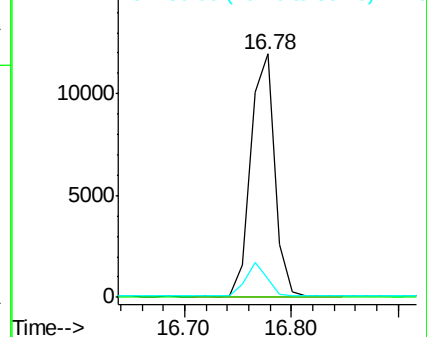
80 7.6 3.6 5.4#



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: 1.606 ng

RT: 15.98 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

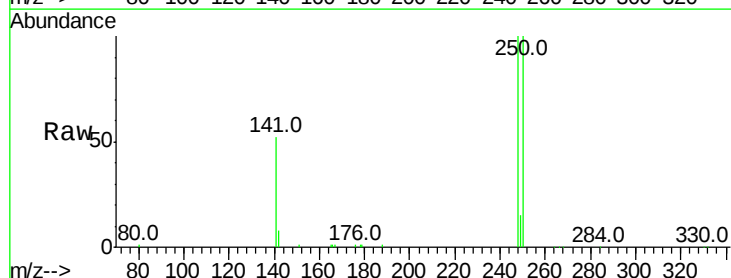
Tgt Ion:248 Resp: 14474

Ion Ratio Lower Upper

248 100

250 100.0 62.7 94.1#

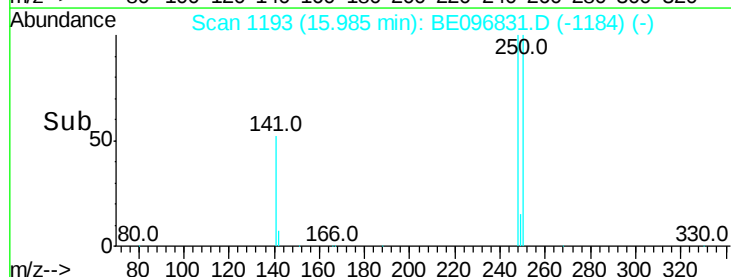
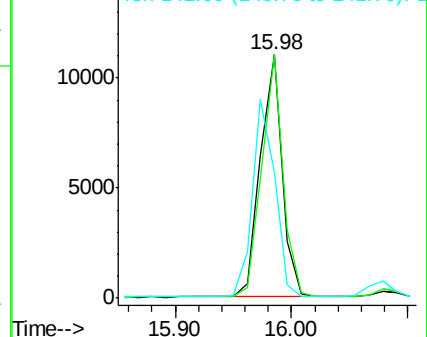
141 51.8 48.2 72.2

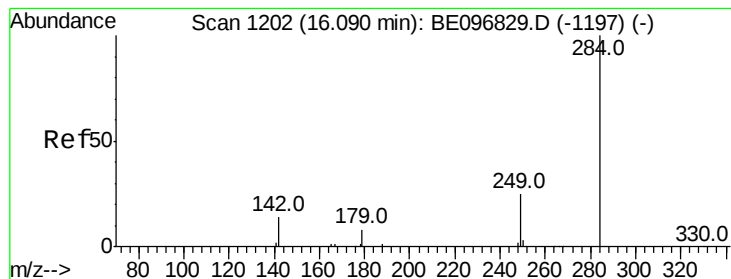


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.510 ng

RT: 16.09 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

Instrument :

BNA_E

ClientSampleId :

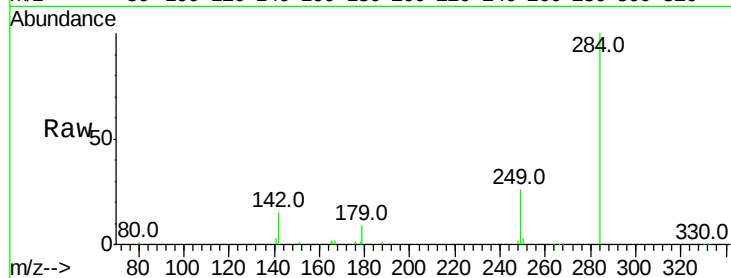
Tot Ion:284 Resp: 15981

Ion Ratio Lower Upper

284 100

142 40.0 22.1 33.1#

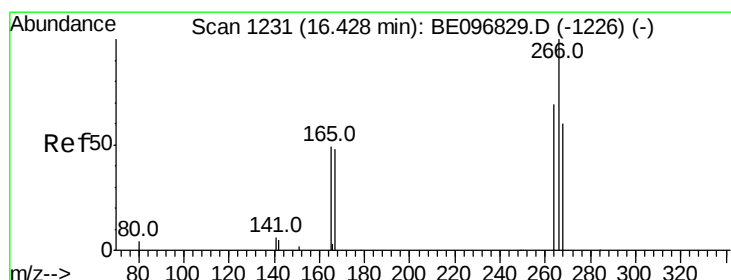
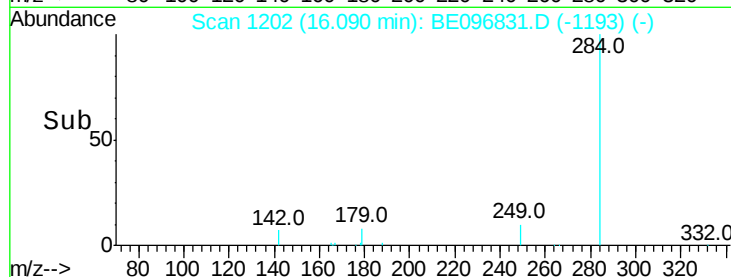
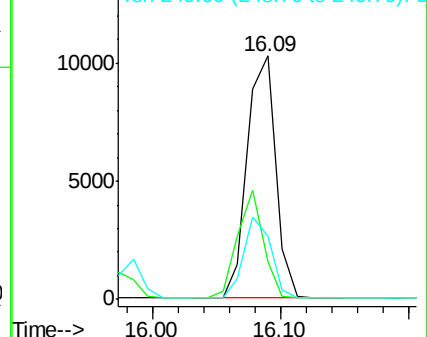
249 32.1 34.8 52.2#



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: 2.064 ng

RT: 16.43 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

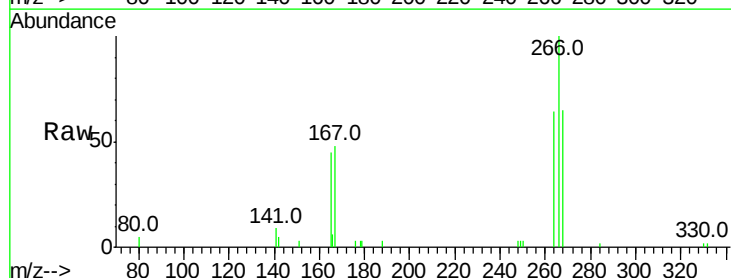
Tgt Ion:266 Resp: 3395

Ion Ratio Lower Upper

266 100

264 64.5 72.5 108.7#

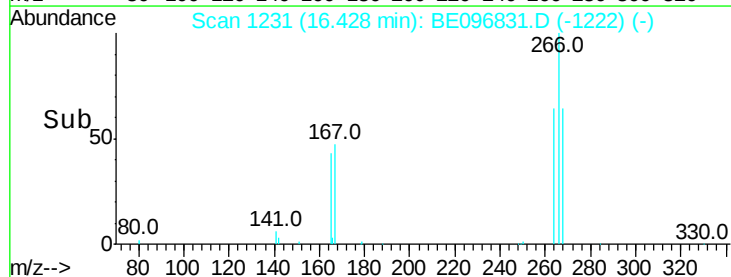
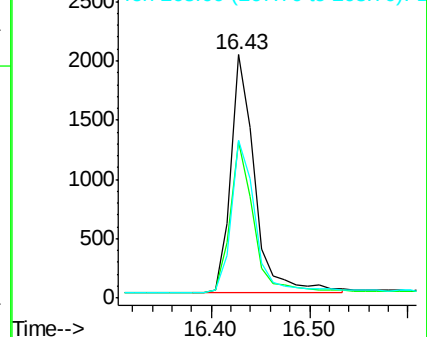
268 64.9 73.8 110.6#

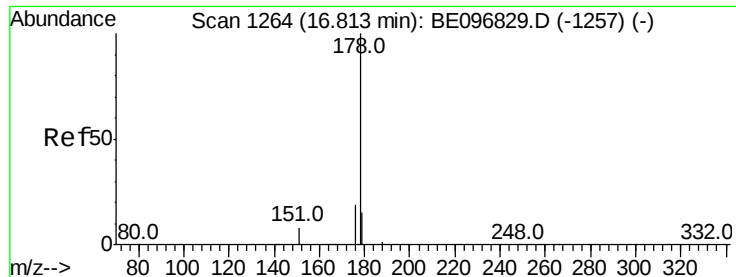


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 1.535 ng

RT: 16.81 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

Instrument :

BNA_E

ClientSampleId :

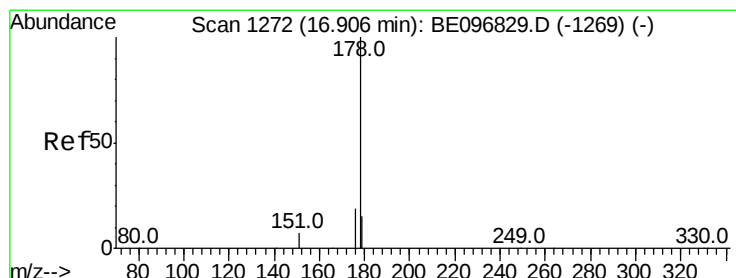
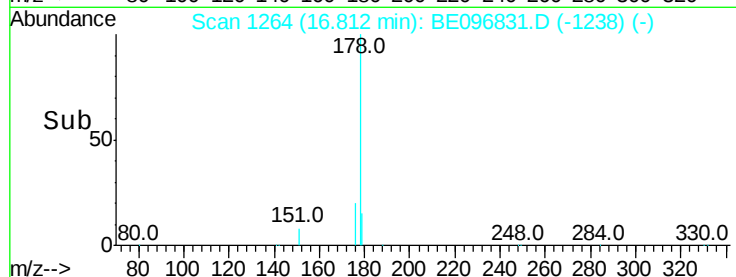
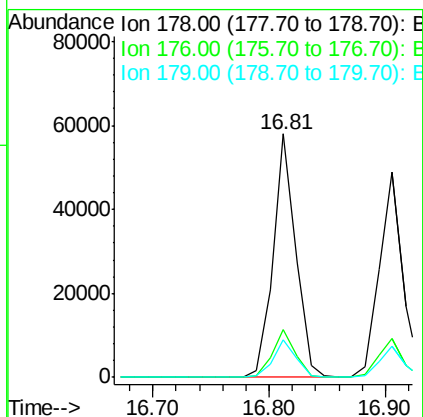
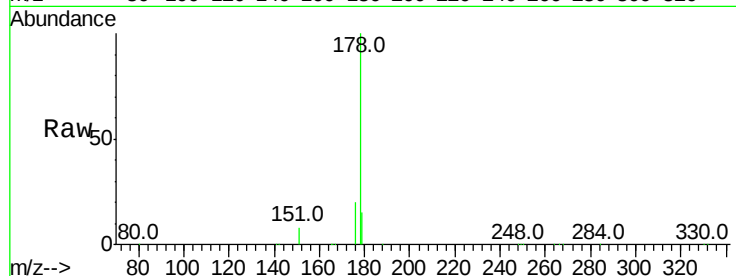
Tot Ion:178 Resp: 77129

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

179 15.5 11.8 17.6



#24

Anthracene

Concen: 1.640 ng

RT: 16.91 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

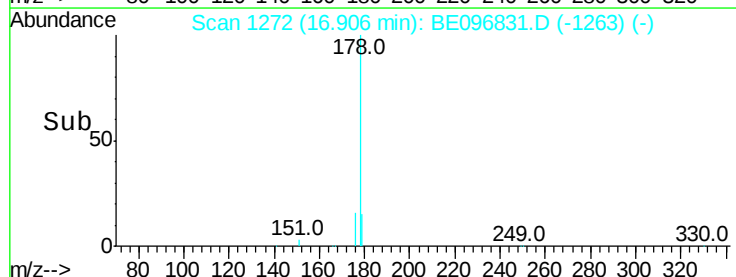
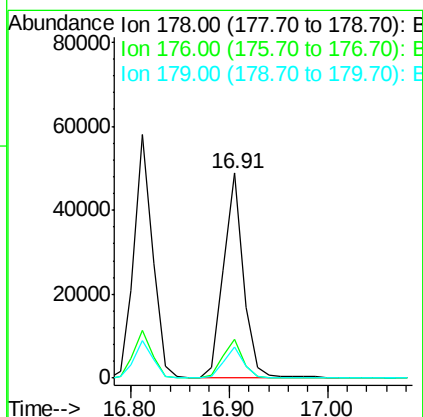
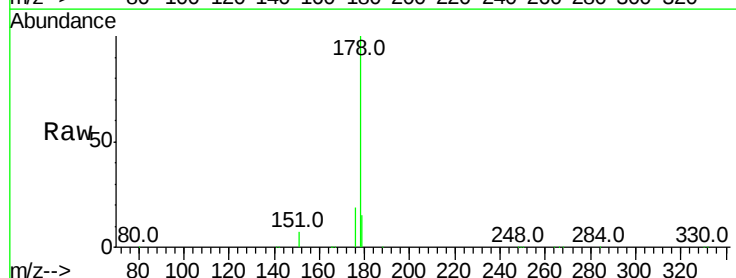
Tgt Ion:178 Resp: 67641

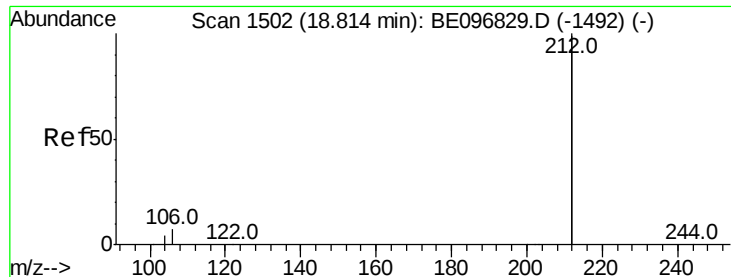
Ion Ratio Lower Upper

178 100

176 19.0 12.8 19.2

179 15.3 13.0 19.6





#25

Fluoranthene-d10

Concen: 1.624 ng

RT: 18.81 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

Instrument :

BNA_E

ClientSampleId :

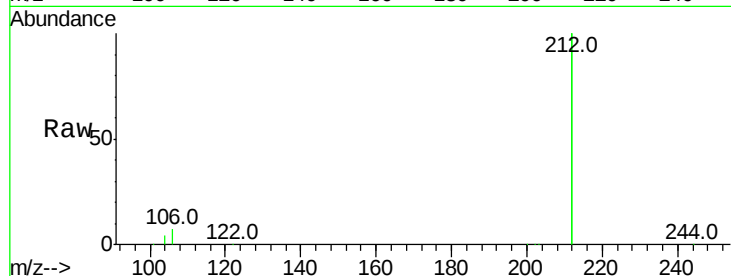
Tot Ion:212 Resp: 293802

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

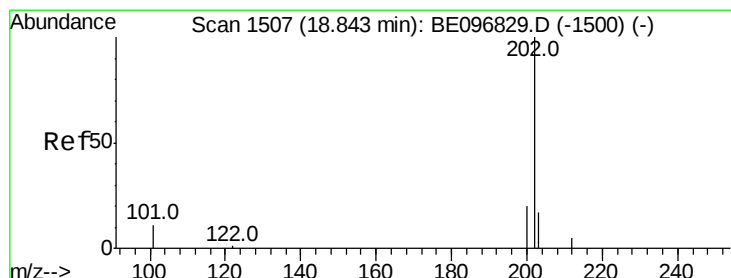
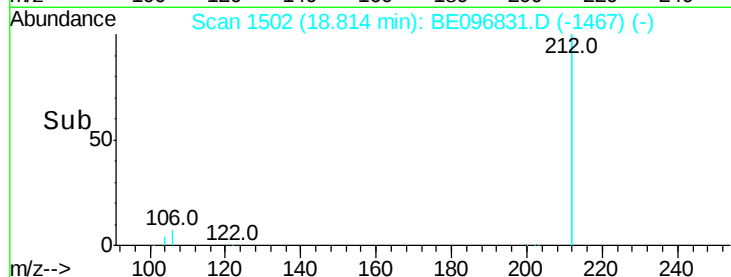
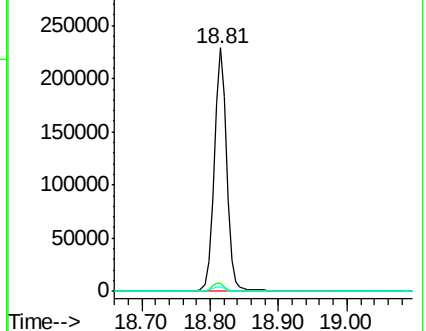
104 2.0 1.6 2.4



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: 1.674 ng

RT: 18.84 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

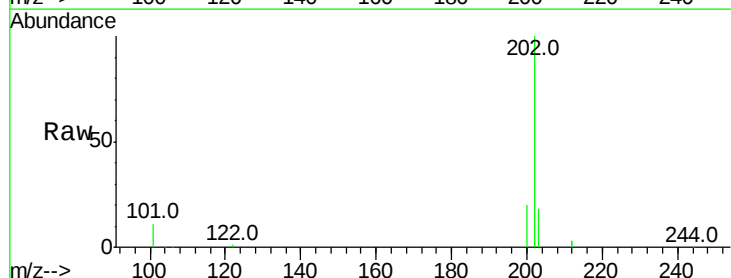
Tgt Ion:202 Resp: 89027

Ion Ratio Lower Upper

202 100

101 11.6 9.8 14.8

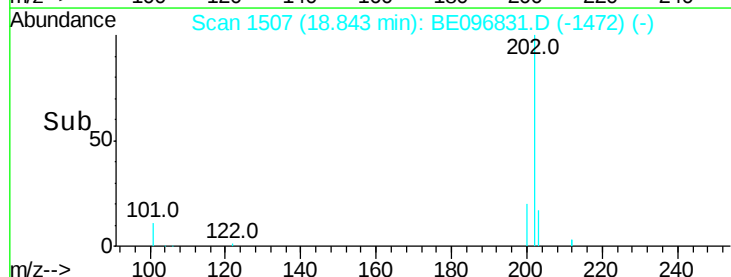
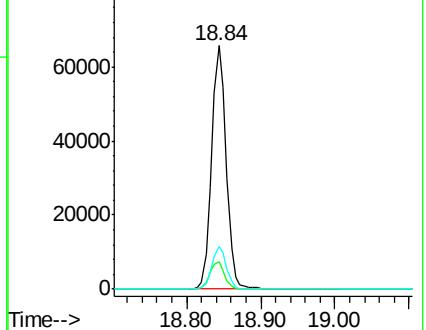
203 17.4 13.7 20.5

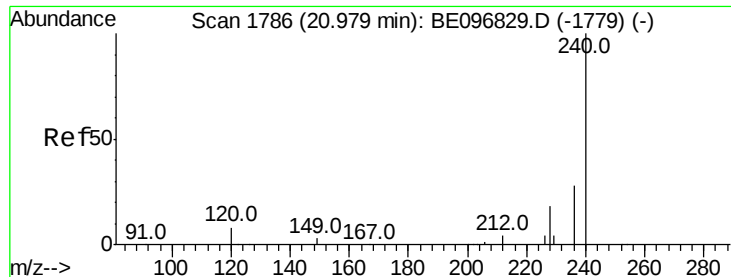


Abundance Ion 202.00 (201.70 to 202.70): E

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: BE096831.D

Acq: 20 Jun 2018 12:13

Instrument :

BNA_E

ClientSampleId :

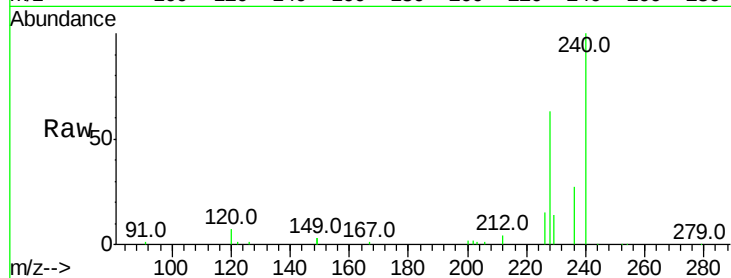
Tot Ion:240 Resp: 17848

Ion Ratio Lower Upper

240 100

120 6.9 5.5 8.3

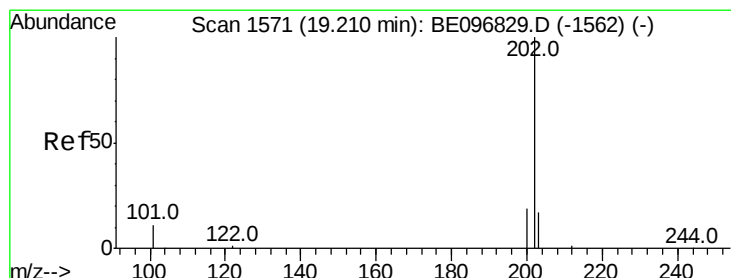
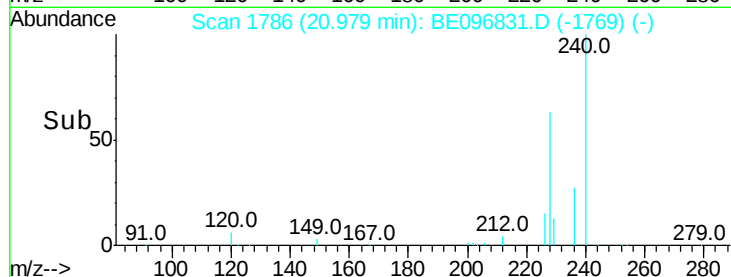
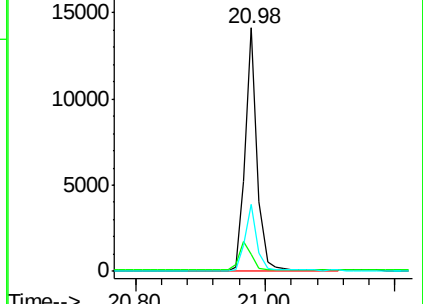
236 27.4 20.7 31.1



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: 1.453 ng

RT: 19.21 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

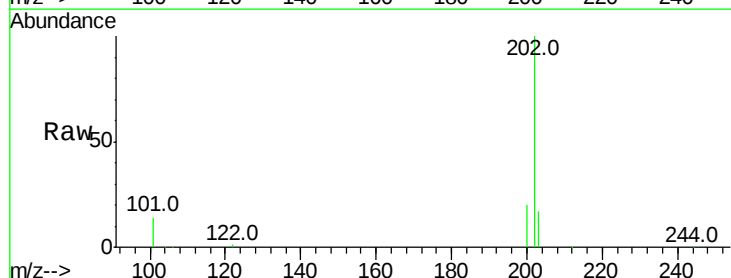
Tgt Ion:202 Resp: 85186

Ion Ratio Lower Upper

202 100

200 19.8 16.6 25.0

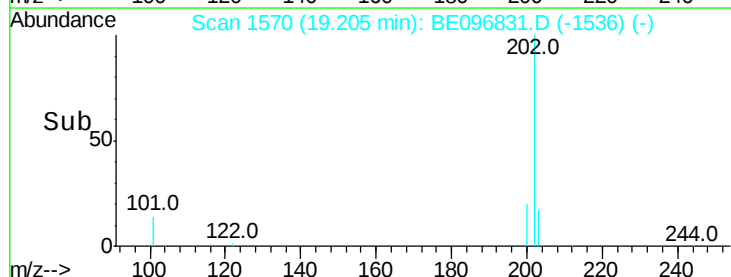
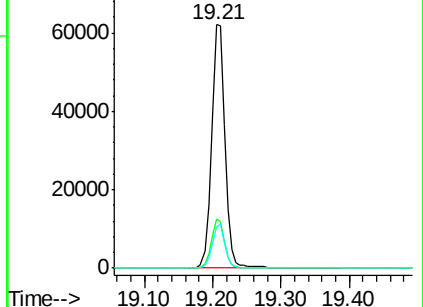
203 17.4 13.8 20.8

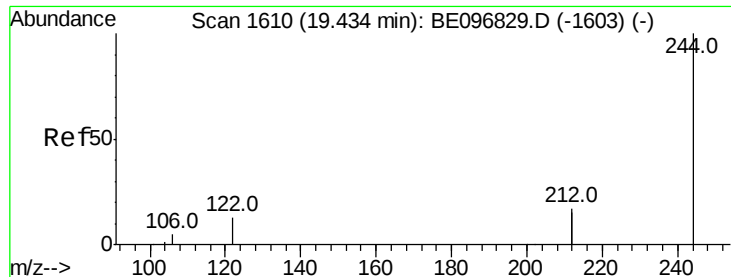


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

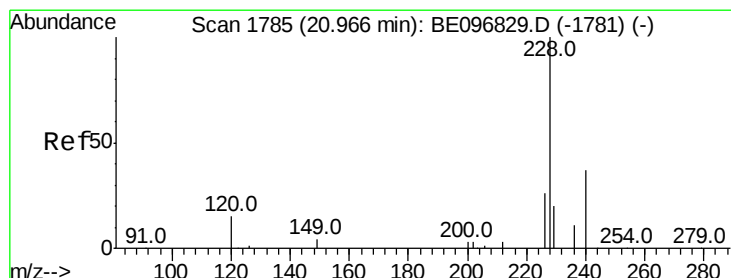
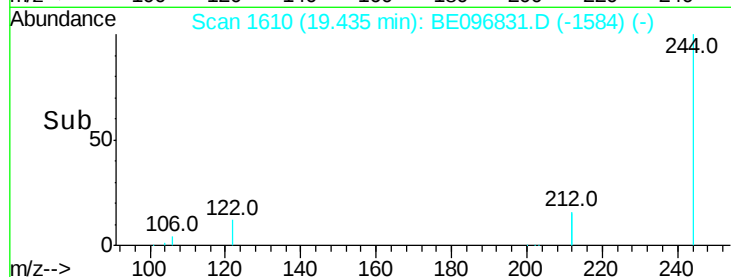
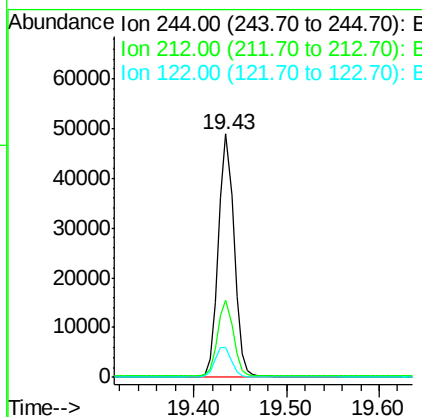
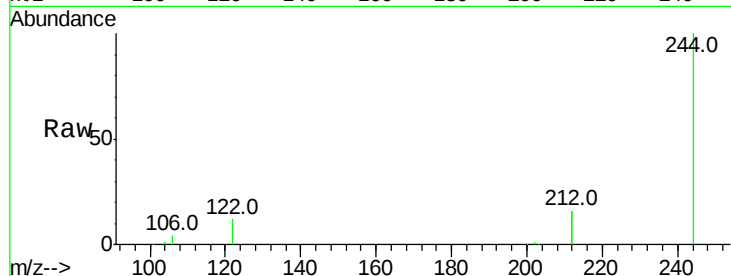




#29
 Terphenyl-d14
 Concen: 1.409 ng
 RT: 19.43 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BE096831.D
 Acq: 20 Jun 2018 12:13

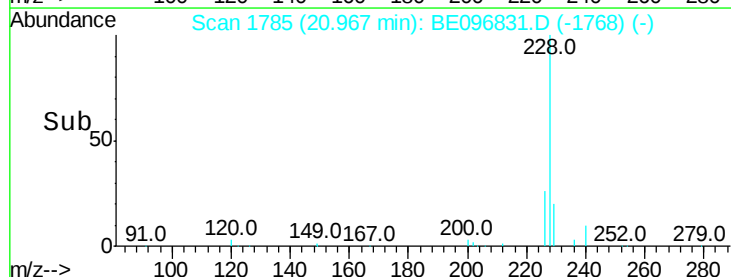
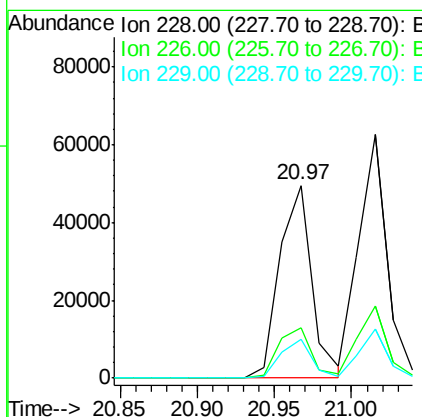
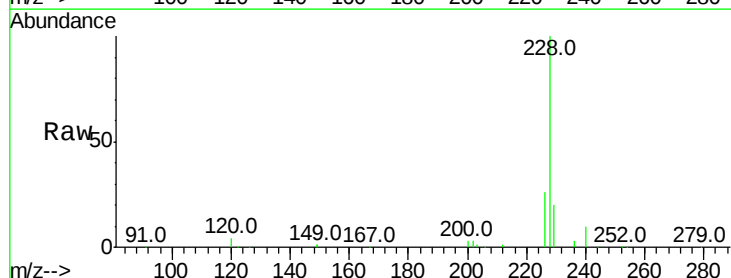
Instrument :
 BNA_E
 ClientSampleId :

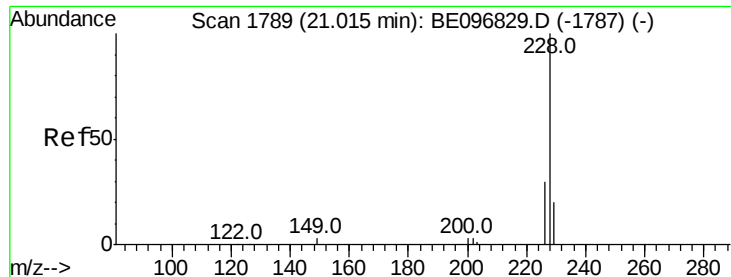
Tot Ion:244 Resp: 57007
 Ion Ratio Lower Upper
 244 100
 212 31.9 25.4 38.0
 122 12.5 8.1 12.1#



#30
 Benzo(a)anthracene
 Concen: 1.655 ng
 RT: 20.97 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BE096831.D
 Acq: 20 Jun 2018 12:13

Tgt Ion:228 Resp: 71615
 Ion Ratio Lower Upper
 228 100
 226 26.1 24.0 36.0
 229 20.4 16.0 24.0





#31

Chrysene

Concen: 1.478 ng

RT: 21.02 min Scan# 1789

Delta R.T. 0.00 min

Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

Instrument :

BNA_E

ClientSampleId :

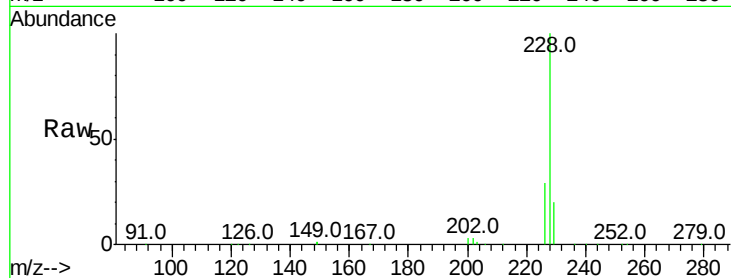
Tot Ion:228 Resp: 80537

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	20.1	16.0	24.0

228 100

226 29.5 24.0 36.0

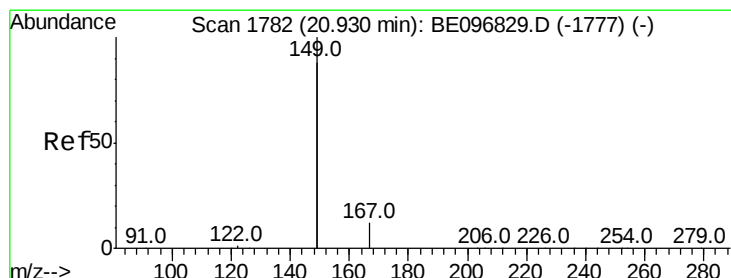
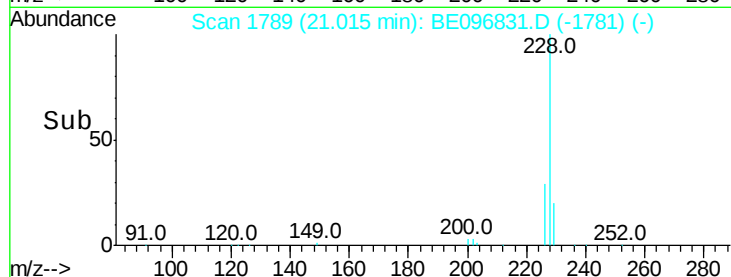
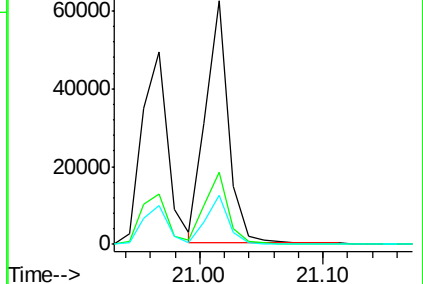
229 20.1 16.0 24.0



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: 1.843 ng

RT: 20.93 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

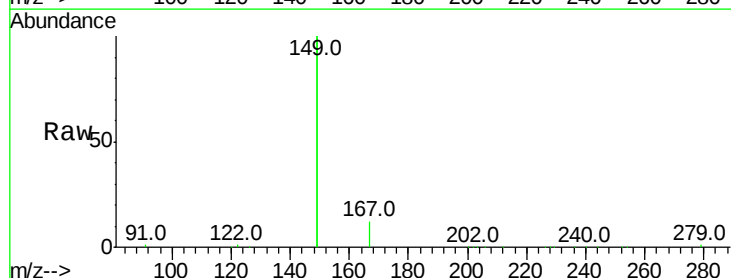
Tgt Ion:149 Resp: 59919

Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.4	8.0
279	0.8	0.7	1.1

149 100

167 6.4 5.4 8.0

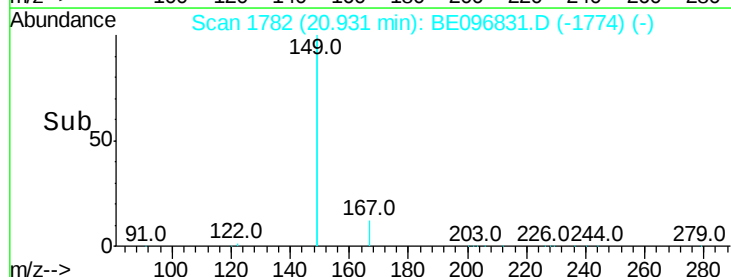
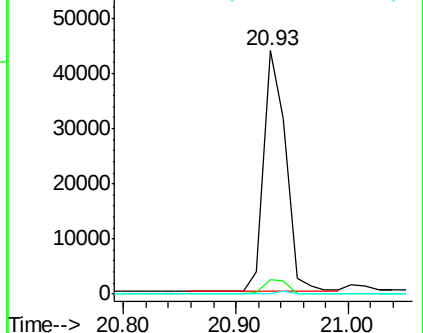
279 0.8 0.7 1.1

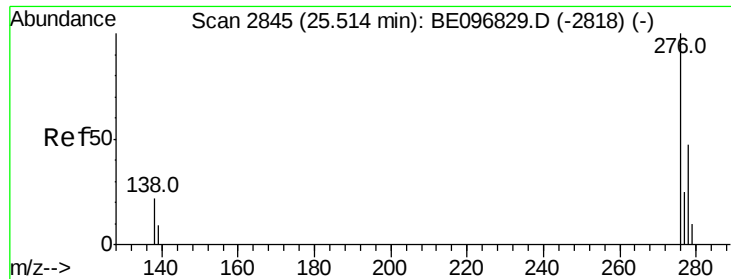


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

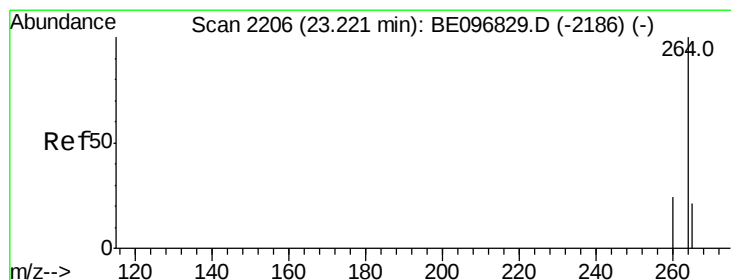
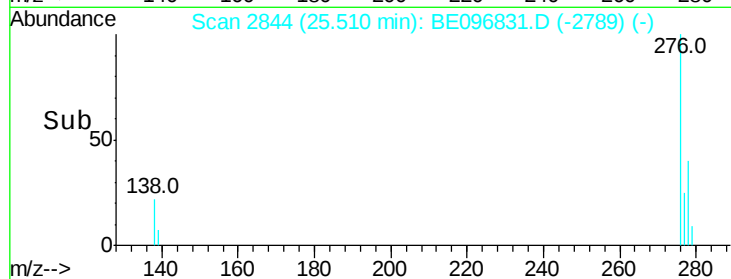
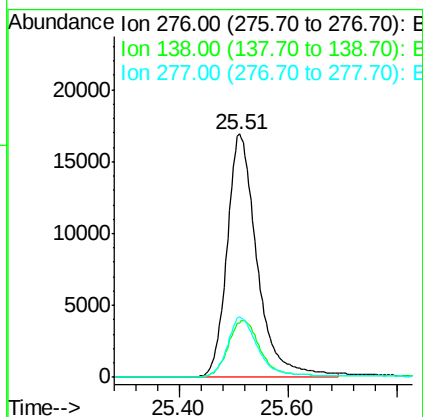
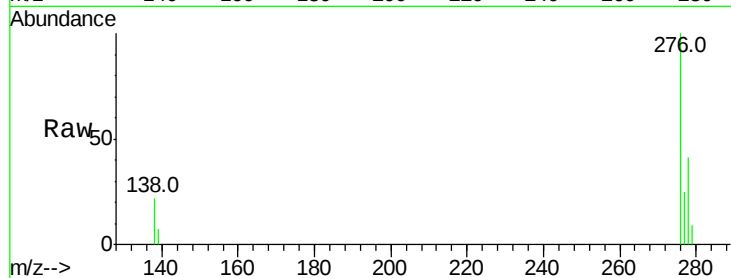




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.580 ng
 RT: 25.51 min Scan# 2844
 Delta R.T. -0.00 min
 Lab File: BE096831.D
 Acq: 20 Jun 2018 12:13

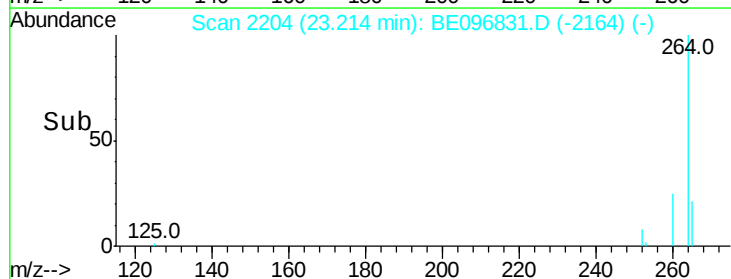
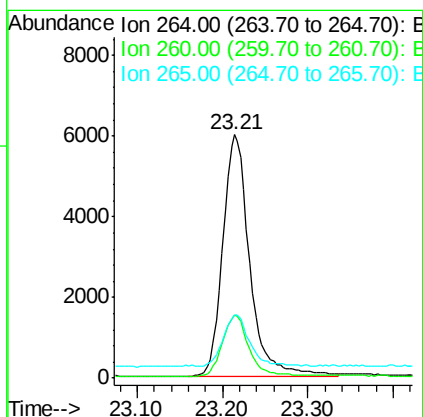
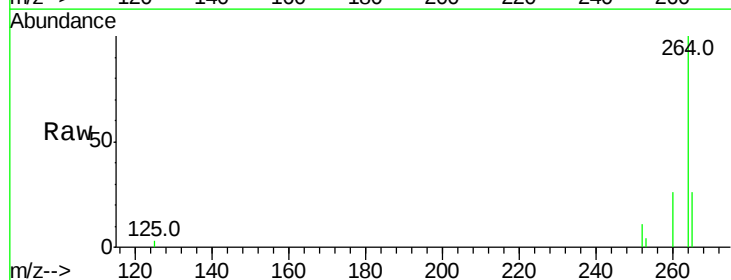
Instrument :
 BNA_E
 ClientSampleId :

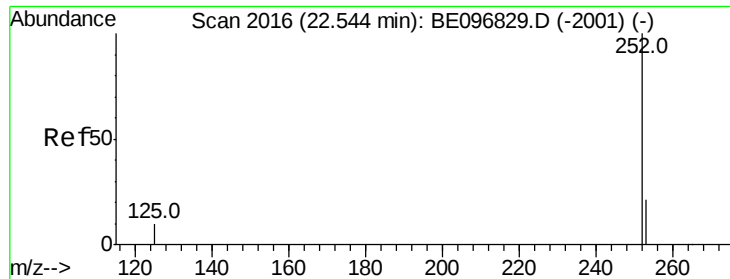
Tot Ion:276 Resp: 64620
 Ion Ratio Lower Upper
 276 100
 138 24.7 22.5 33.7
 277 25.0 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.21 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BE096831.D
 Acq: 20 Jun 2018 12:13

Tgt Ion:264 Resp: 13081
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.5 30.7
 265 25.9 22.8 34.2

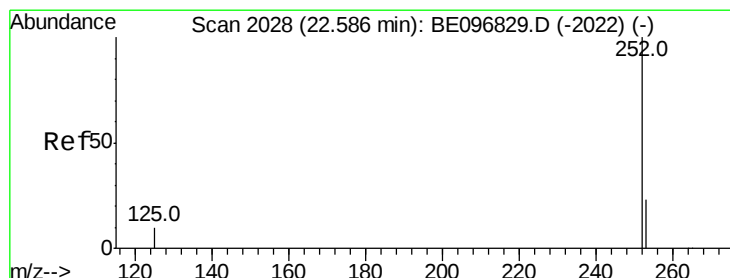
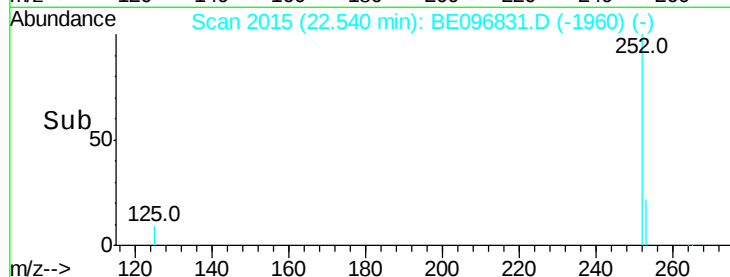
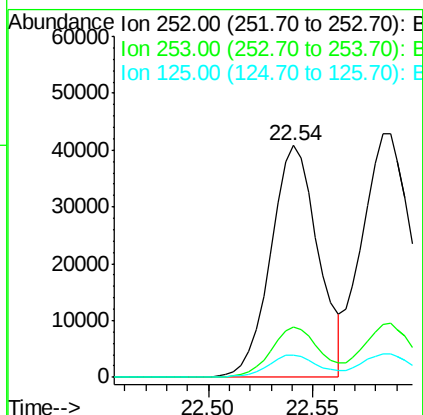
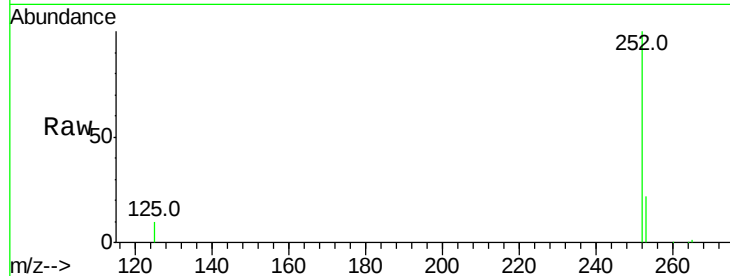




#35
Benzo(b)fluoranthene
Concen: 1.777 ng
RT: 22.54 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BE096831.D
Acq: 20 Jun 2018 12:13

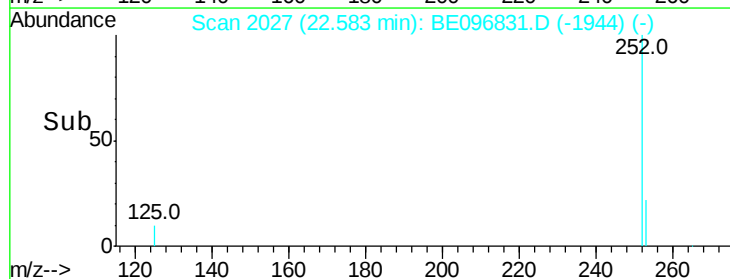
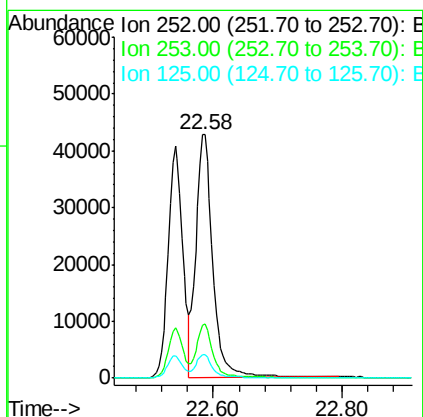
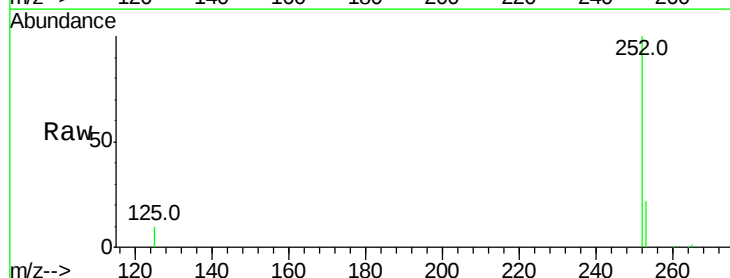
Instrument :
BNA_E
ClientSampleId :

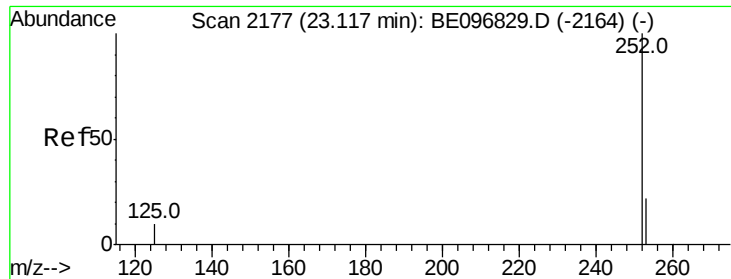
Tot Ion:252 Resp: 63884
Ion Ratio Lower Upper
252 100
253 21.7 20.0 30.0
125 9.7 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 1.808 ng
RT: 22.58 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE096831.D
Acq: 20 Jun 2018 12:13

Tgt Ion:252 Resp: 77308
Ion Ratio Lower Upper
252 100
253 21.7 16.0 24.0
125 9.8 8.0 12.0





#37

Benzo(a)pyrene

Concen: 1.819 ng

RT: 23.11 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

Instrument :

BNA_E

ClientSampleId :

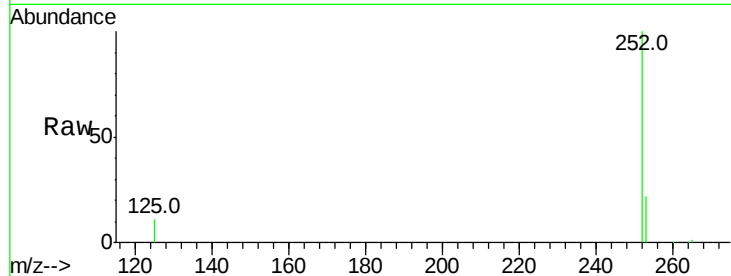
Tot Ion:252 Resp: 56765

Ion Ratio Lower Upper

252 100

253 22.0 16.0 24.0

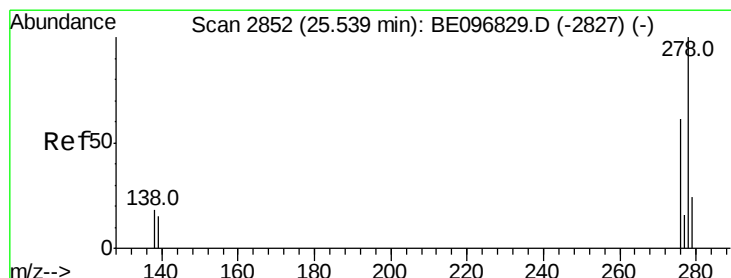
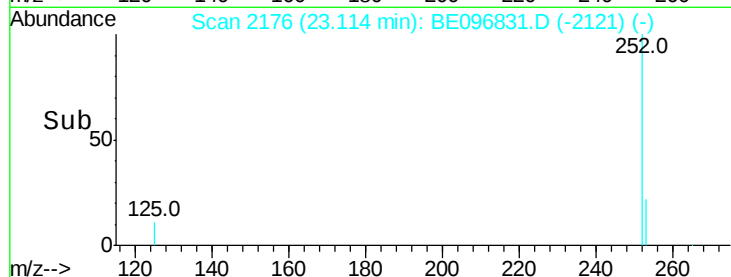
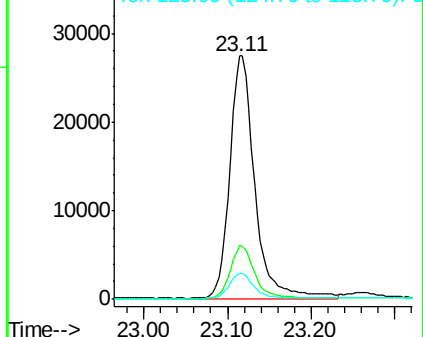
125 10.9 12.0 18.0#



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



#38

Dibenzo(a,h)anthracene

Concen: 1.881 ng

RT: 25.54 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

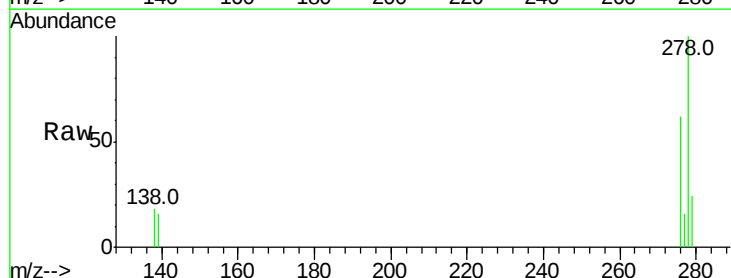
Tgt Ion:278 Resp: 56336

Ion Ratio Lower Upper

278 100

139 16.2 16.0 24.0

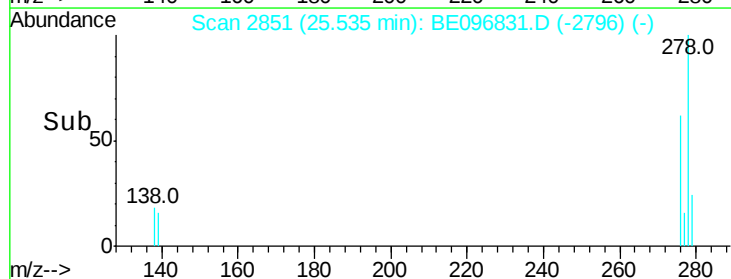
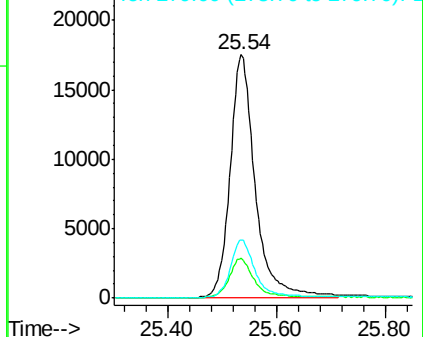
279 24.0 20.0 30.0

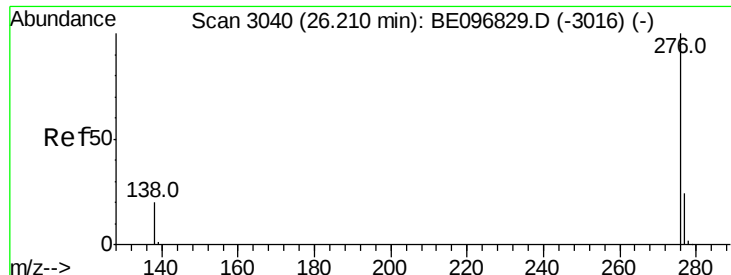


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 1.728 ng

RT: 26.20 min Scan# 3038

Delta R.T. -0.01 min

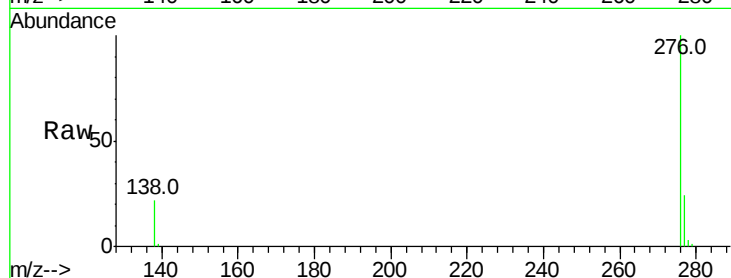
Lab File: BE096831.D

Acq: 20 Jun 2018 12:13

Instrument :

BNA_E

ClientSampleId :



Tot Ion:276 Resp: 57306

Ion Ratio Lower Upper

276 100

277 24.2 16.0 24.0#

138 21.6 20.0 30.0

