

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062018\
 Data File : BE096833.D
 Acq On : 20 Jun 2018 14:22
 Operator : SJ/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jun 20 15:00:30 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 14:13:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2745	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	13782	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	7785	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	21316	0.40	ng	0.00
27) Chrysene-d12	20.98	240	17914	0.40	ng	0.00
34) Perylene-d12	23.22	264	13822	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	4558	0.69	ng	0.00
5) Phenol-d6	6.59	99	6872	0.69	ng	0.00
8) Nitrobenzene-d5	8.53	82	6327	0.70	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	14786	0.69	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	1348	0.67	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	21203	0.69	ng	0.00
25) Fluoranthene-d10	18.82	212	135472	0.66	ng	0.00
29) Terphenyl-d14	19.44	244	26048	0.70	ng	0.00

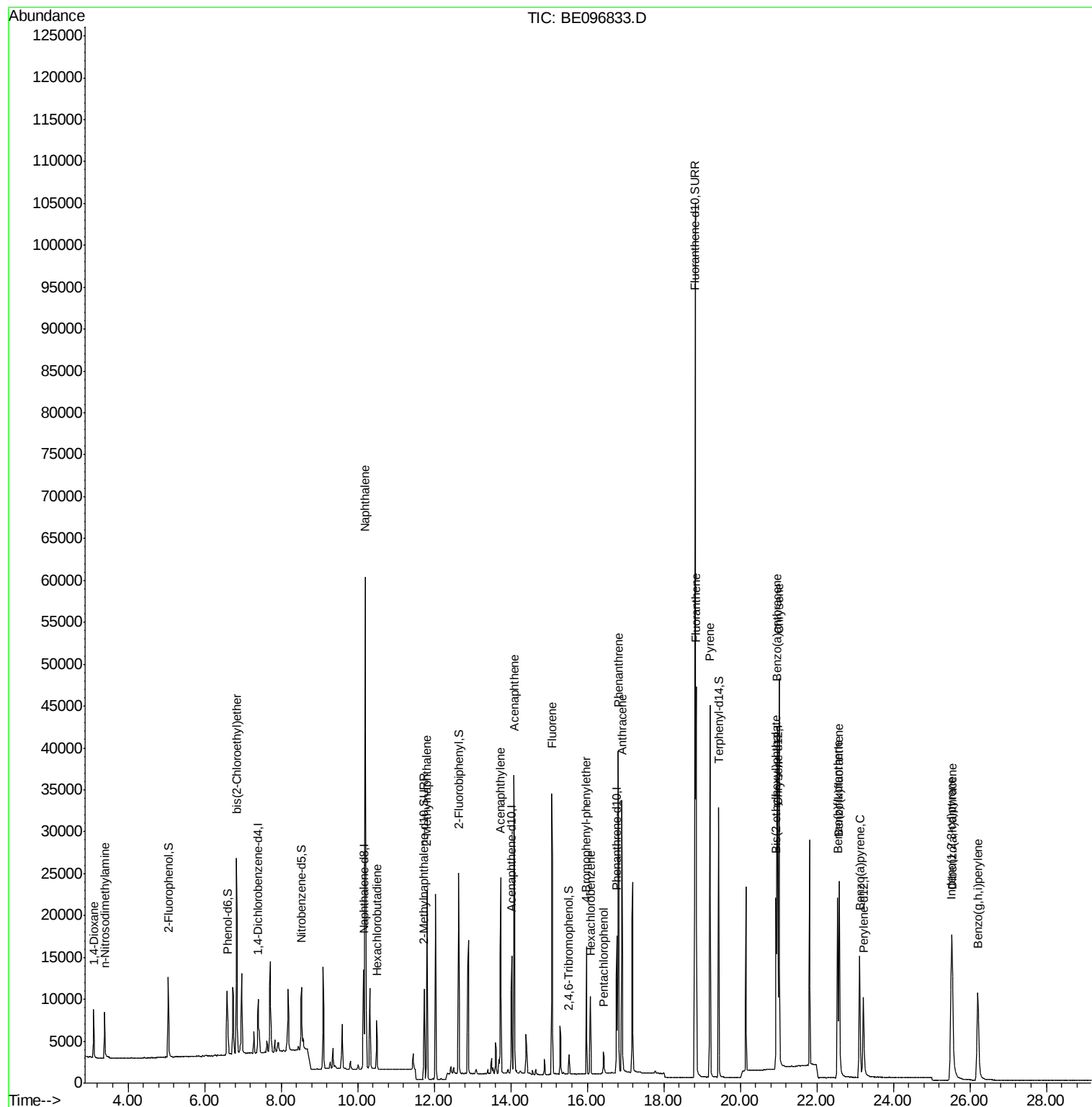
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	3206	0.724	ng	# 88
3) n-Nitrosodimethylamine	3.38	42	3623	0.768	ng	# 86
6) bis(2-Chloroethyl)ether	6.84	93	7571	0.702	ng	97
9) Naphthalene	10.20	128	92308	0.685	ng	99
10) Hexachlorobutadiene	10.50	225	3839	0.686	ng	96
12) 2-Methylnaphthalene	11.81	142	15539	0.694	ng	100
16) Acenaphthylene	13.74	152	25135	0.688	ng	100
17) Acenaphthene	14.08	154	16617	0.686	ng	95
18) Fluorene	15.07	166	19309	0.677	ng	# 79
20) 4-Bromophenyl-phenylether	15.98	248	7079	0.680	ng	# 85
21) Hexachlorobenzene	16.09	284	7753	0.650	ng	# 79
22) Pentachlorophenol	16.43	266	1431	0.660	ng	# 71
23) Phenanthrene	16.81	178	37962	0.667	ng	98
24) Anthracene	16.90	178	32336	0.687	ng	96
26) Fluoranthene	18.84	202	40755	0.670	ng	99
28) Pyrene	19.21	202	38473	0.687	ng	99
30) Benzo(a)anthracene	20.97	228	30224	0.702	ng	96
31) Chrysene	21.02	228	37090	0.700	ng	100
32) Bis(2-ethylhexyl)phthalate	20.93	149	24430	0.603	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	27469	0.696	ng	96
35) Benzo(b)fluoranthene	22.54	252	28422	0.686	ng	# 88
36) Benzo(k)fluoranthene	22.59	252	32782	0.700	ng	96
37) Benzo(a)pyrene	23.12	252	23456	0.675	ng	# 93
38) Dibenzo(a,h)anthracene	25.54	278	23549	0.697	ng	95
39) Benzo(g,h,i)perylene	26.21	276	25199	0.686	ng	92

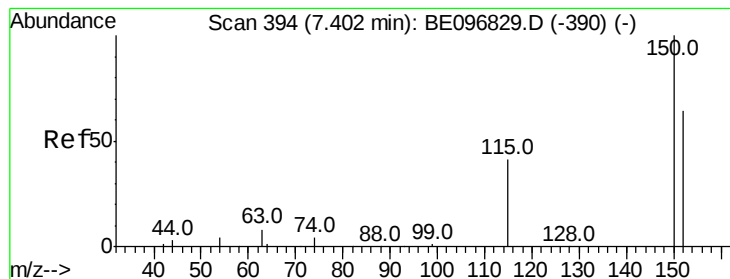
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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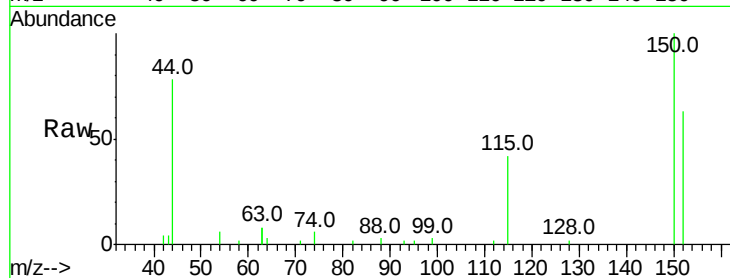


#1

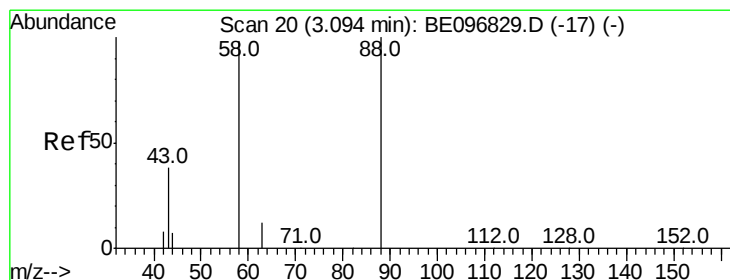
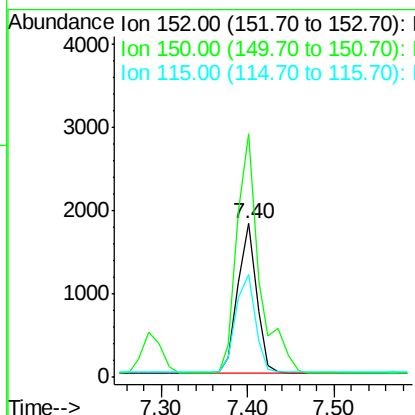
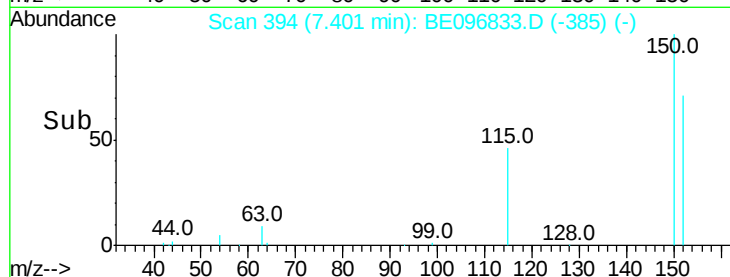
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 2745
Ion Ratio Lower Upper
152 100
150 158.3 117.2 175.8
115 66.5 57.0 85.6



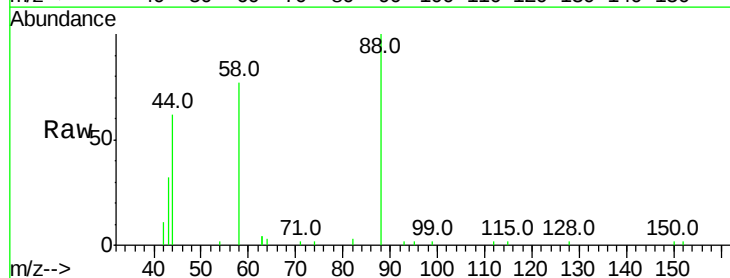
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



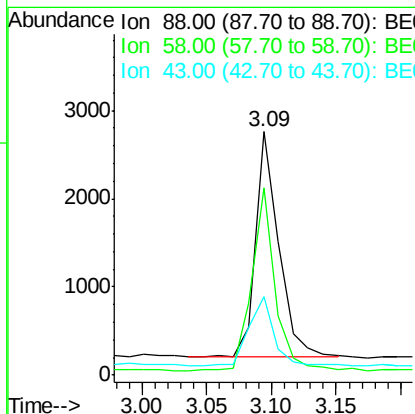
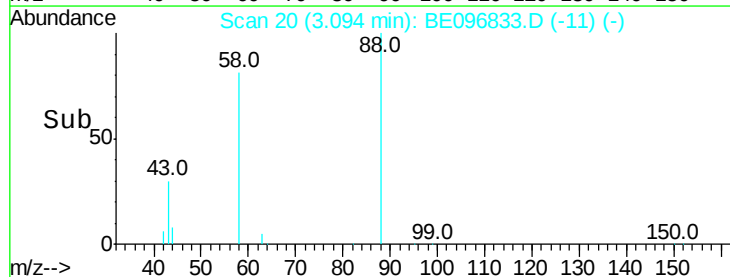
#2

1,4-Dioxane
Concen: 0.724 ng
RT: 3.09 min Scan# 20
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Tgt Ion: 88 Resp: 3206
Ion Ratio Lower Upper
88 100
58 80.3 63.2 94.8
43 31.7 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

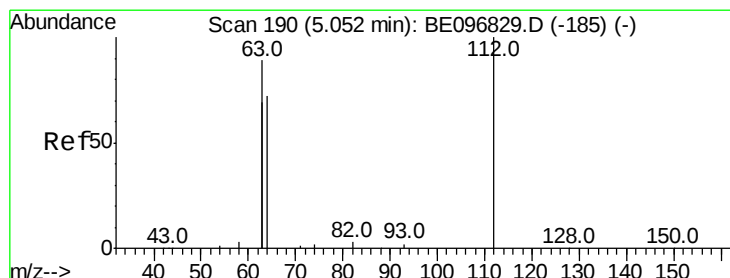
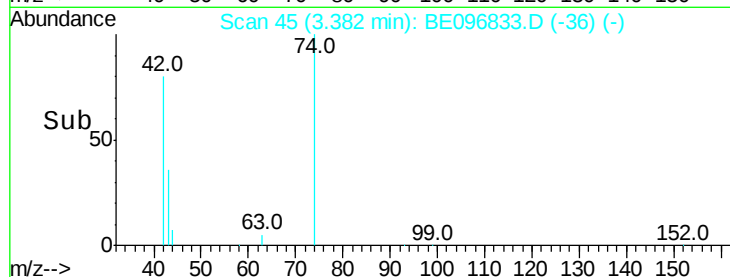
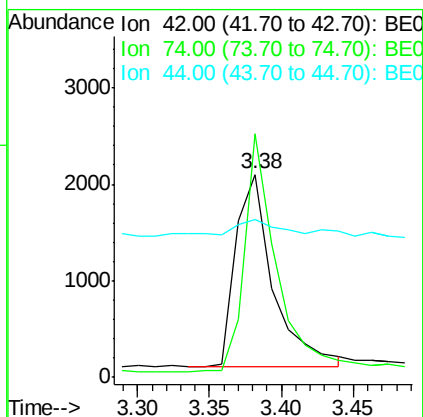
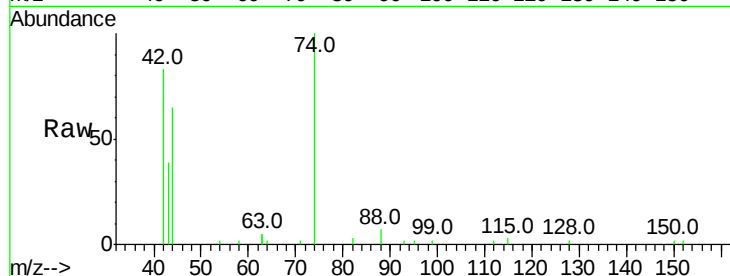




#3
 n-Nitrosodimethylamine
 Concen: 0.768 ng
 RT: 3.38 min Scan# 45
 Delta R.T. -0.00 min
 Lab File: BE096833.D
 Acq: 20 Jun 2018 14:22

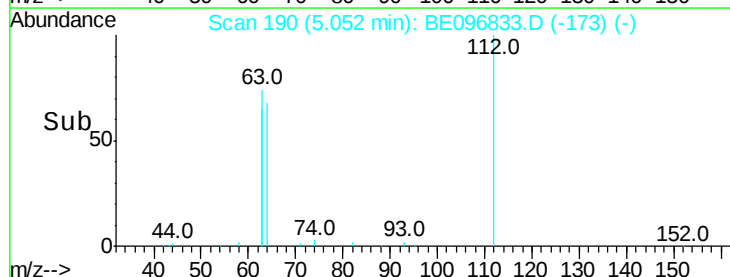
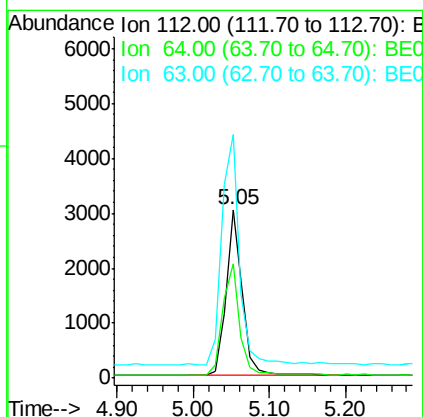
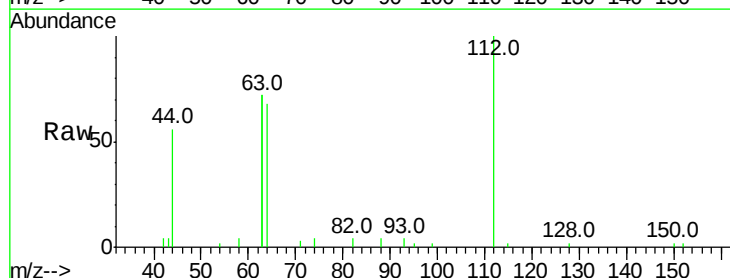
Instrument :
 BNA_E
 ClientSampleId :

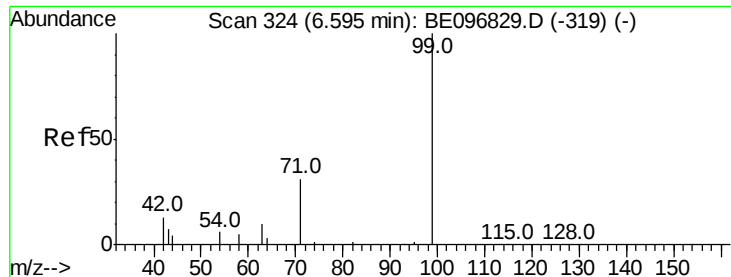
Tot Ion: 42 Resp: 3623
 Ion Ratio Lower Upper
 42 100
 74 104.0 96.0 144.0
 44 11.9 12.0 18.0#



#4
 2-Fluorophenol
 Concen: 0.689 ng
 RT: 5.05 min Scan# 190
 Delta R.T. -0.00 min
 Lab File: BE096833.D
 Acq: 20 Jun 2018 14:22

Tgt Ion: 112 Resp: 4558
 Ion Ratio Lower Upper
 112 100
 64 70.3 60.1 90.1
 63 151.8 116.8 175.2





#5

Phenol-d6

Concen: 0.693 ng

RT: 6.59 min Scan# 324

Delta R.T. -0.00 min

Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

Instrument :

BNA_E

ClientSampled :

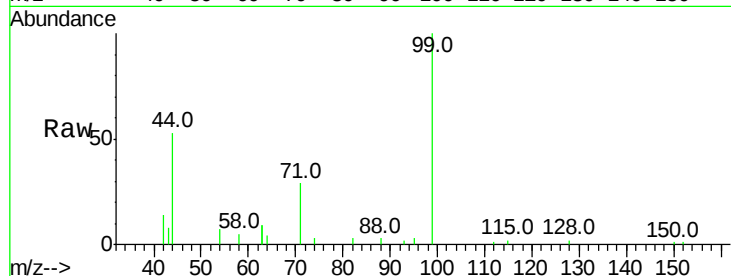
Tot Ion: 99 Resp: 6872

Ion Ratio Lower Upper

99 100

42 24.1 20.2 30.2

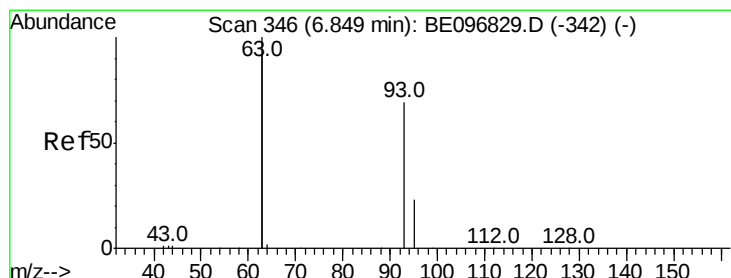
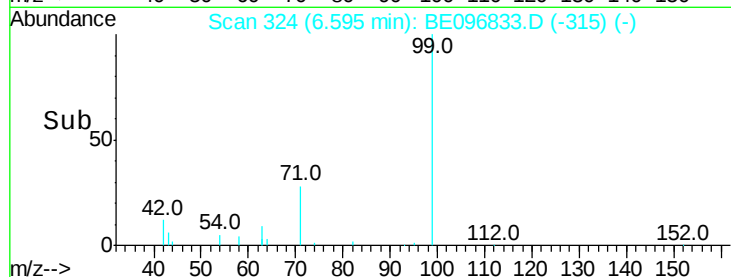
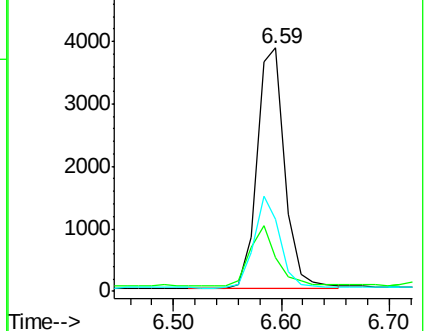
71 35.9 28.4 42.6



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: 0.702 ng

RT: 6.84 min Scan# 345

Delta R.T. -0.01 min

Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

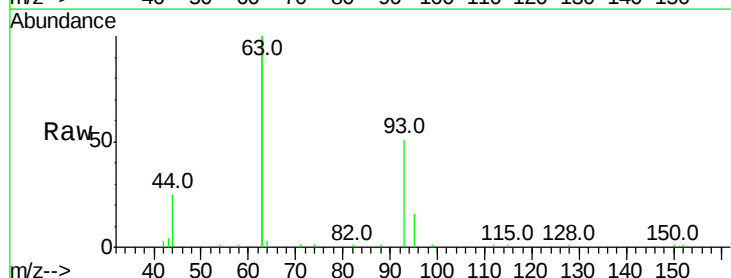
Tgt Ion: 93 Resp: 7571

Ion Ratio Lower Upper

93 100

63 337.0 275.3 412.9

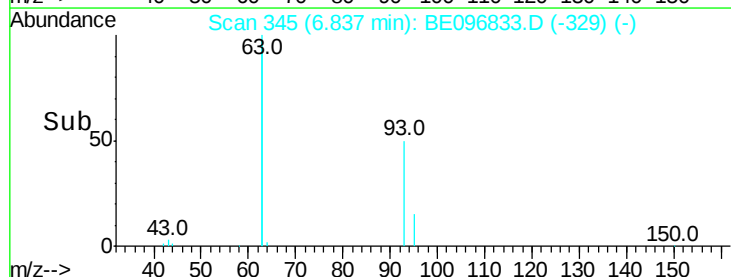
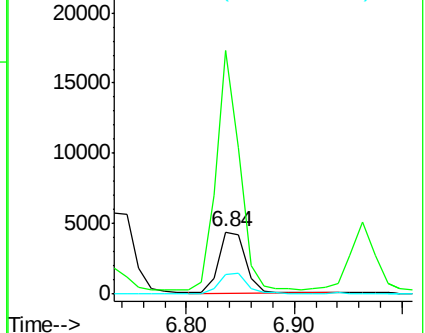
95 31.8 25.2 37.8

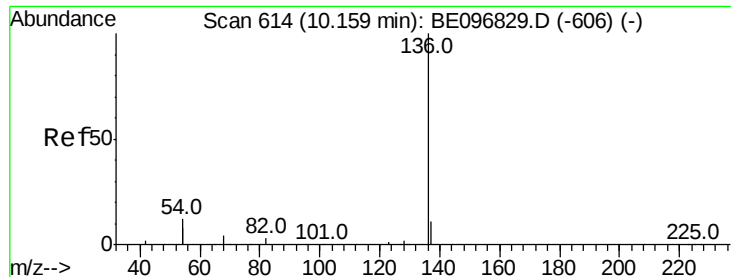


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE096833.D

Acq: 20 Jun 2018 14:22

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 13782

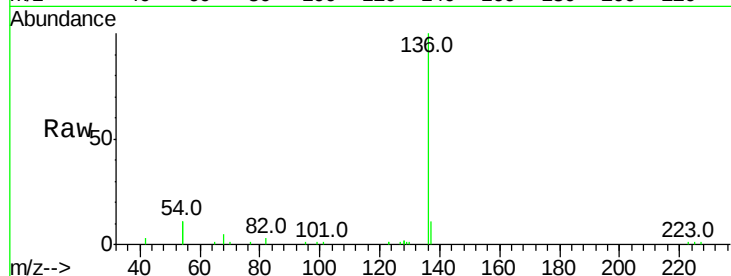
Ion Ratio Lower Upper

136 100

137 11.2 9.5 14.3

54 22.2 29.1 43.7#

68 4.6 6.2 9.2#

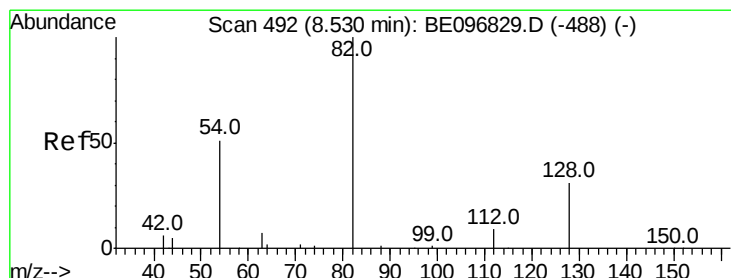
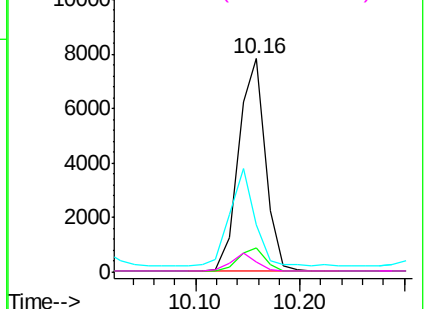
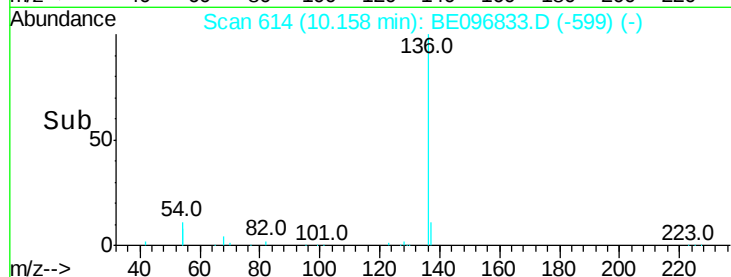


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.701 ng

RT: 8.53 min Scan# 492

Delta R.T. -0.00 min

Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

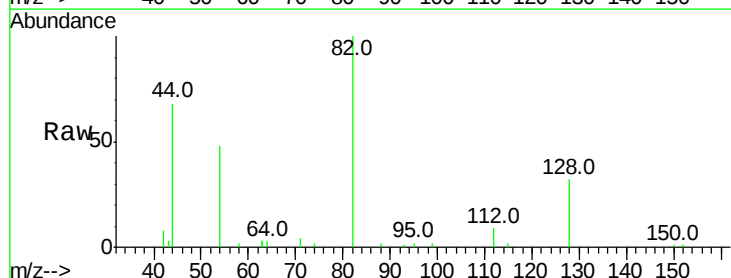
Tgt Ion: 82 Resp: 6327

Ion Ratio Lower Upper

82 100

128 32.2 24.0 36.0

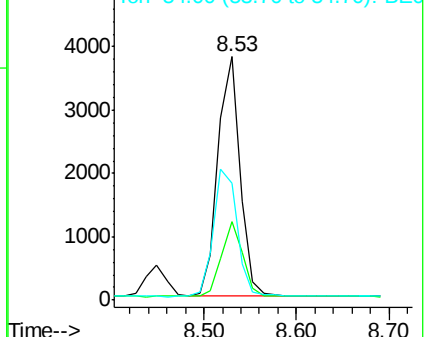
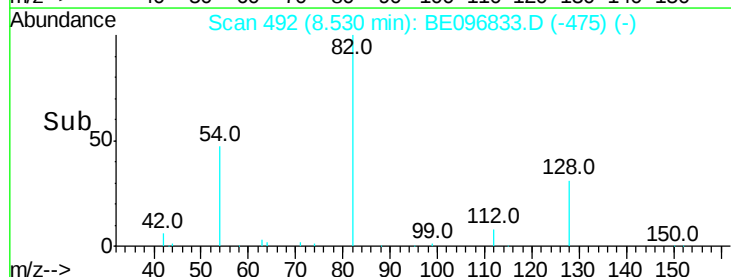
54 48.1 40.0 60.0

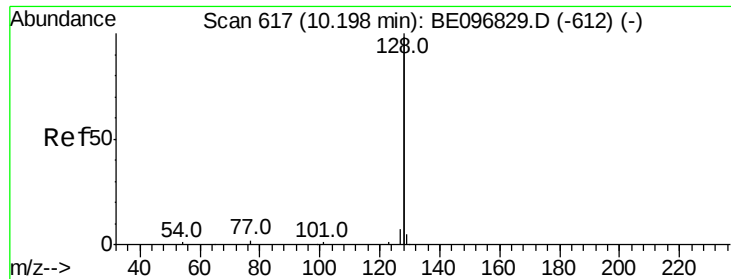


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.685 ng

RT: 10.20 min Scan# 617

Delta R.T. -0.00 min

Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

Instrument :

BNA_E

ClientSampleId :

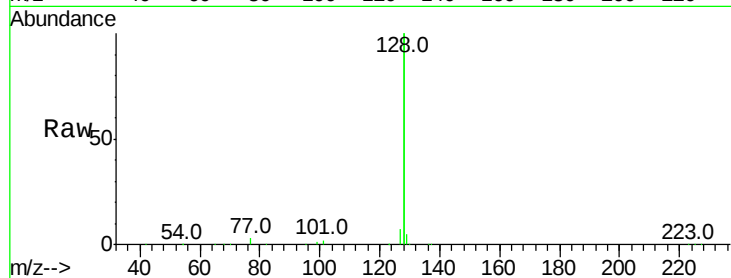
Tot Ion:128 Resp: 92308

Ion Ratio Lower Upper

128 100

129 2.7 2.6 3.8

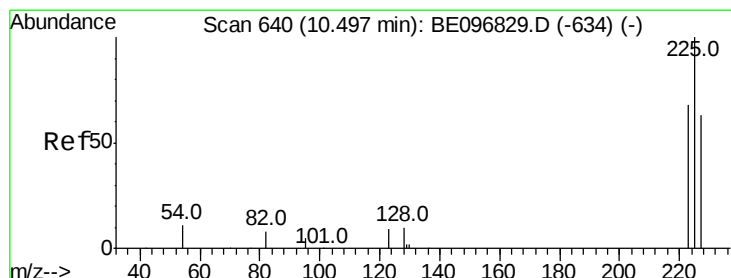
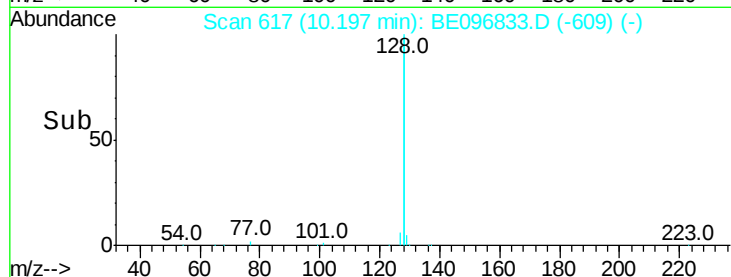
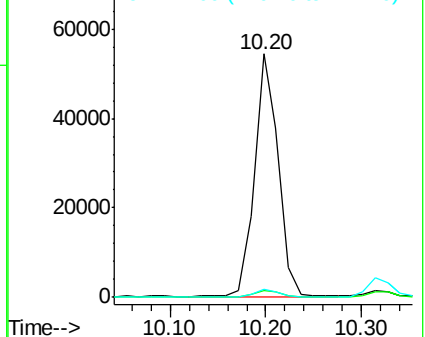
127 3.3 2.8 4.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.686 ng

RT: 10.50 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

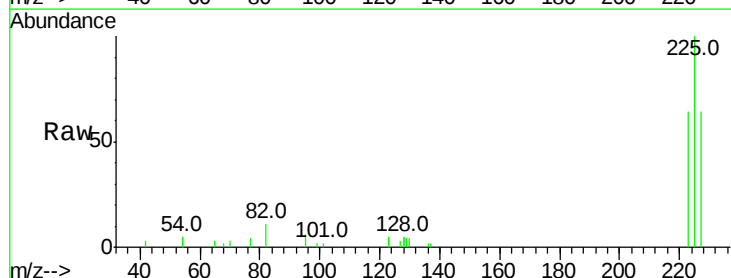
Tgt Ion:225 Resp: 3839

Ion Ratio Lower Upper

225 100

223 61.2 53.0 79.6

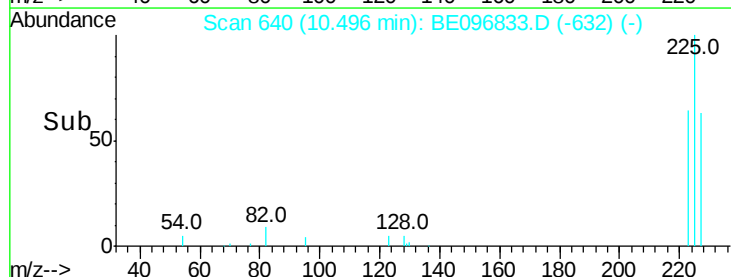
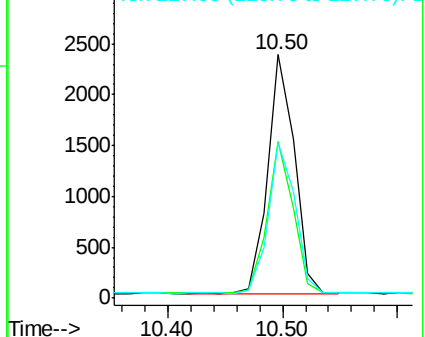
227 63.2 51.4 77.2

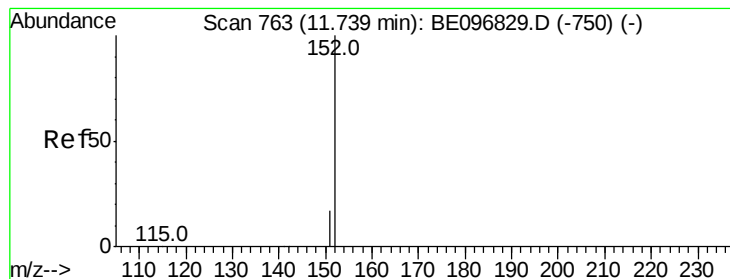


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.690 ng

RT: 11.73 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

Instrument :

BNA_E

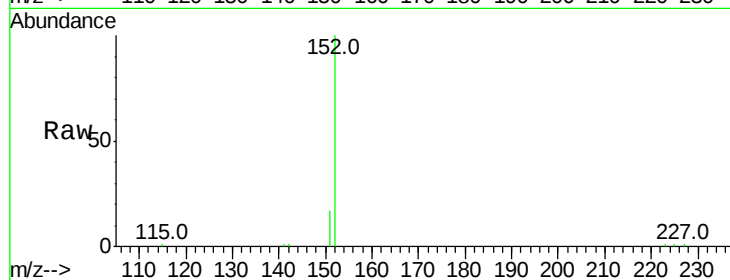
ClientSampleId :

Tot Ion:152 Resp: 14786

Ion Ratio Lower Upper

152 100

151 19.5 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

10000

8000

6000

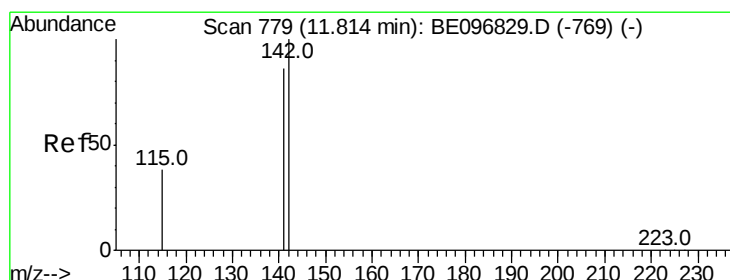
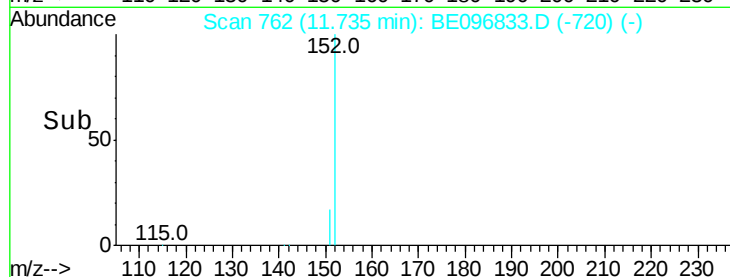
4000

2000

0

Time-->

11.70 11.80



#12

2-Methylnaphthalene

Concen: 0.694 ng

RT: 11.81 min Scan# 778

Delta R.T. -0.00 min

Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

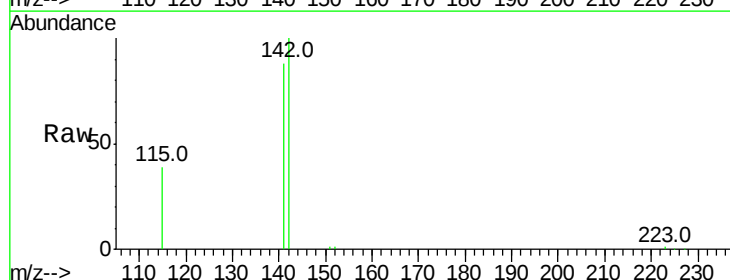
Tgt Ion:142 Resp: 15539

Ion Ratio Lower Upper

142 100

141 88.2 70.4 105.6

115 39.4 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

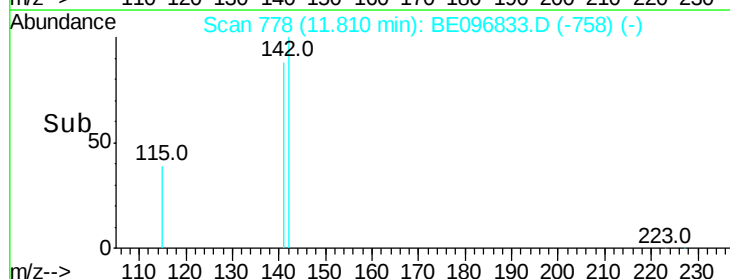
10000

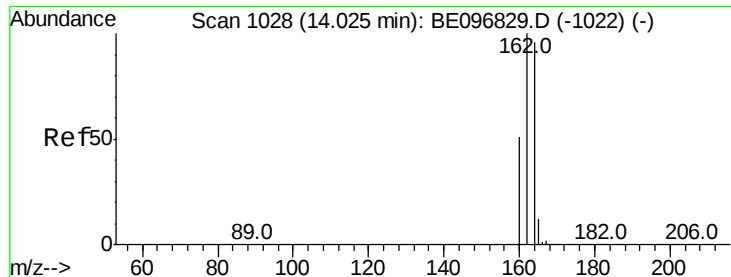
5000

0

Time-->

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: BE096833.D

Acq: 20 Jun 2018 14:22

Instrument :

BNA_E

ClientSampleId :

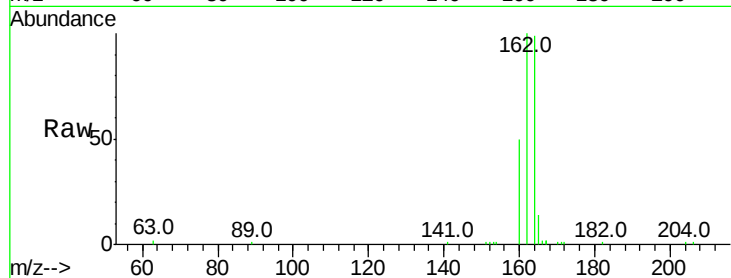
Tot Ion:164 Resp: 7785

Ion Ratio Lower Upper

164 100

162 100.8 83.1 124.7

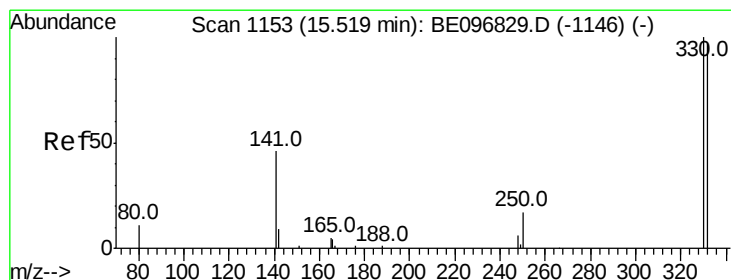
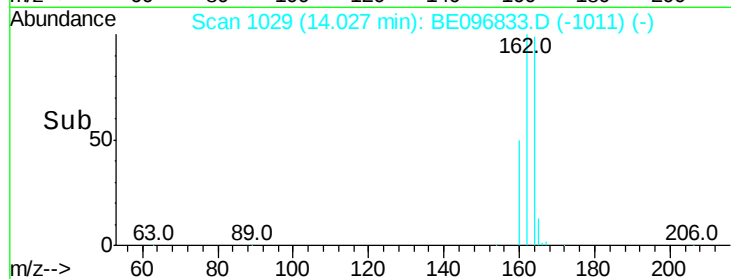
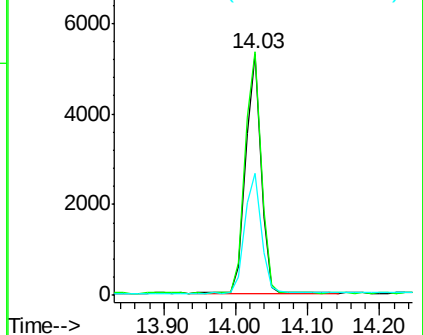
160 50.5 37.1 55.7



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: 0.669 ng

RT: 15.52 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

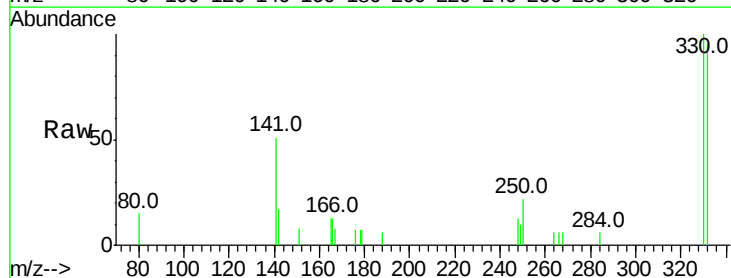
Tgt Ion:330 Resp: 1348

Ion Ratio Lower Upper

330 100

332 98.6 152.7 229.1#

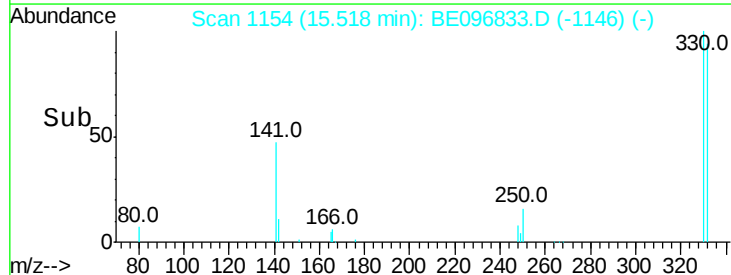
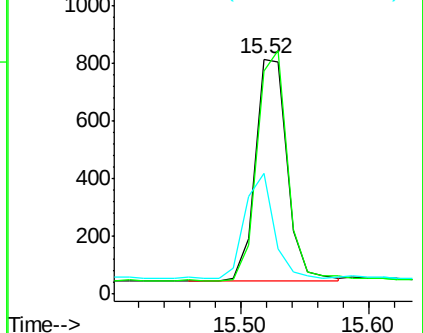
141 41.9 33.7 50.5

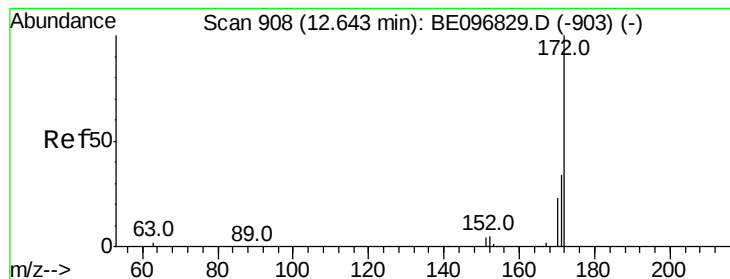


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.686 ng

RT: 12.64 min Scan# 909

Delta R.T. 0.00 min

Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

Instrument :

BNA_E

ClientSampleId :

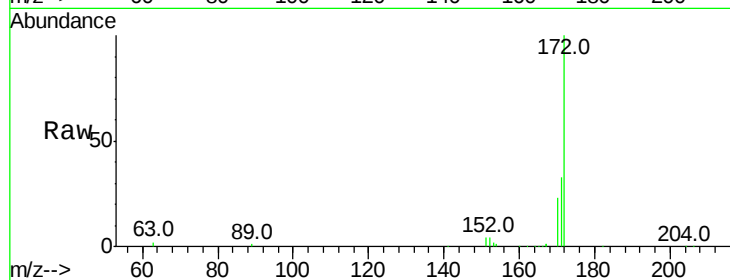
Tot Ion:172 Resp: 21203

Ion Ratio Lower Upper

172 100

171 33.2 29.9 44.9

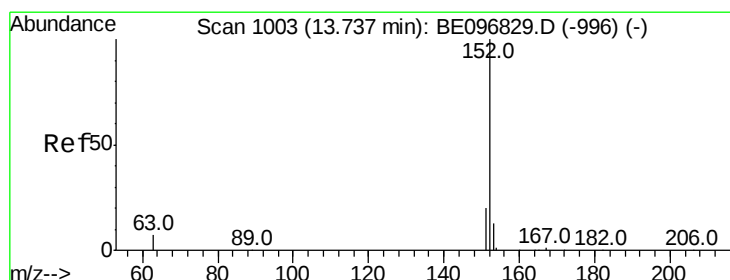
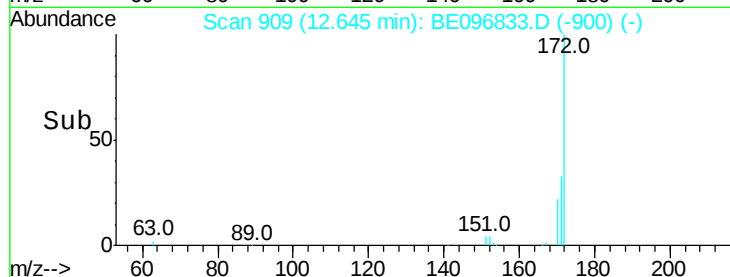
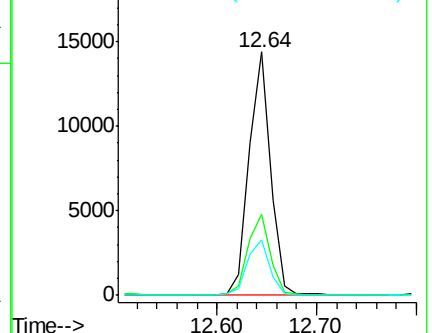
170 22.5 21.8 32.8



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: 0.688 ng

RT: 13.74 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

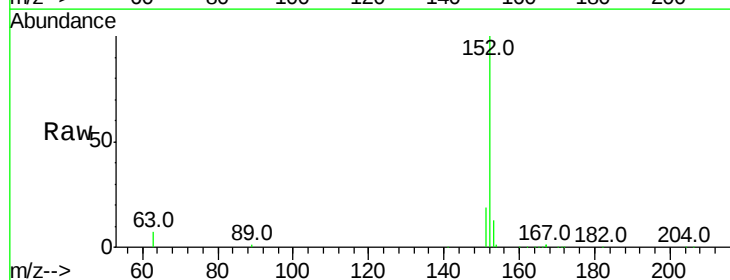
Tgt Ion:152 Resp: 25135

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

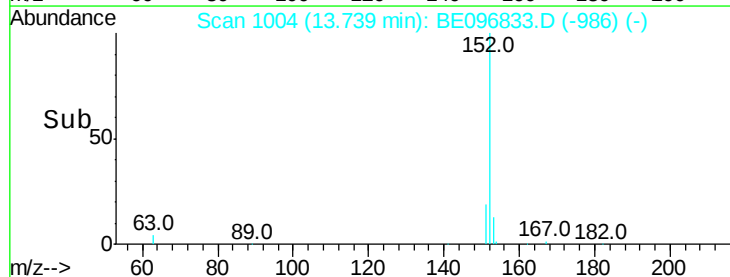
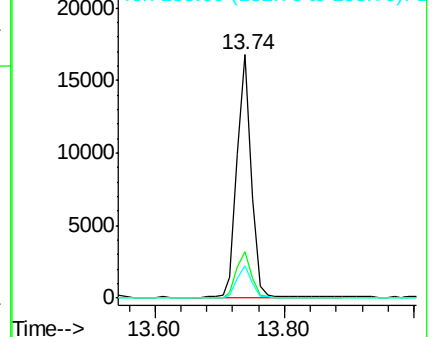
153 12.9 10.5 15.7

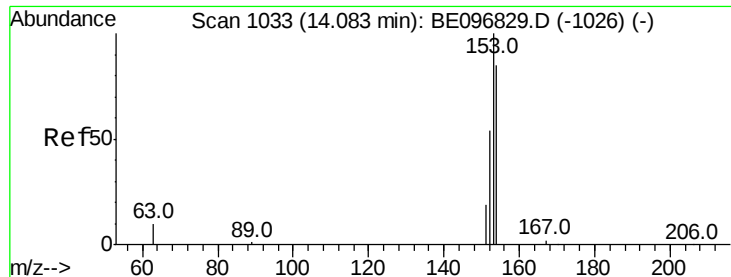


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

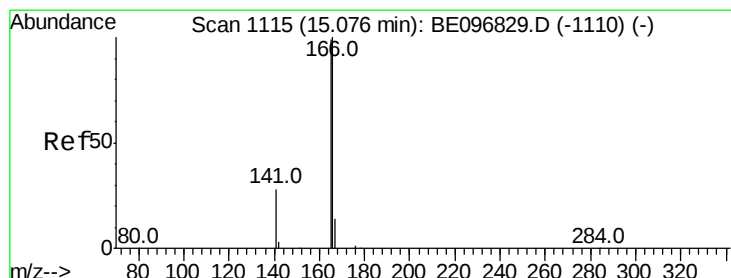
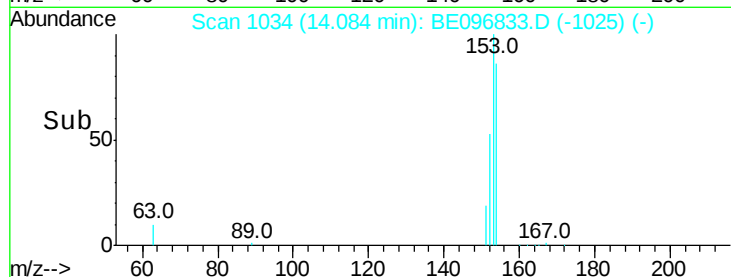
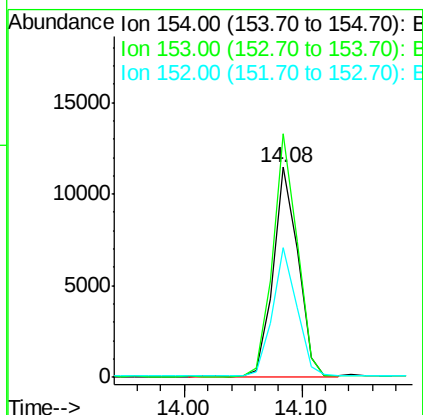
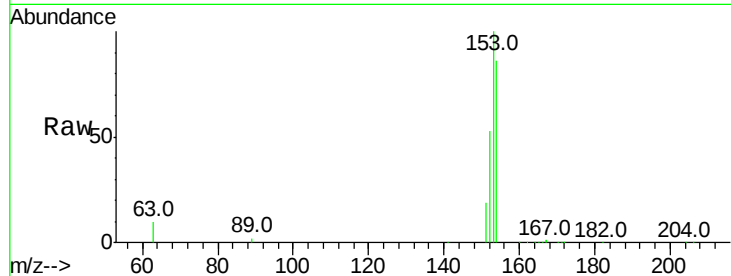




#17
Acenaphthene
Concen: 0.686 ng
RT: 14.08 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

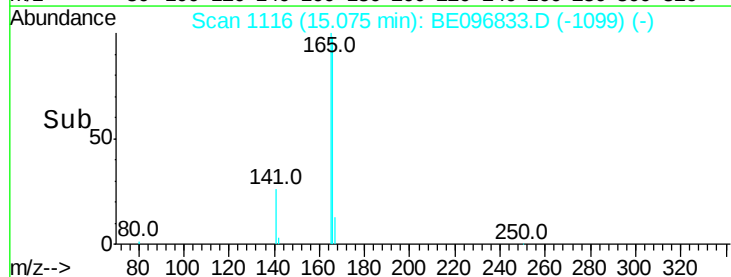
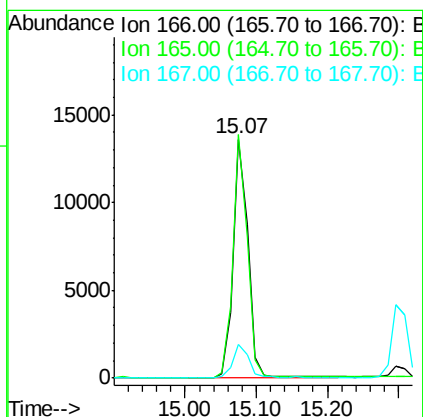
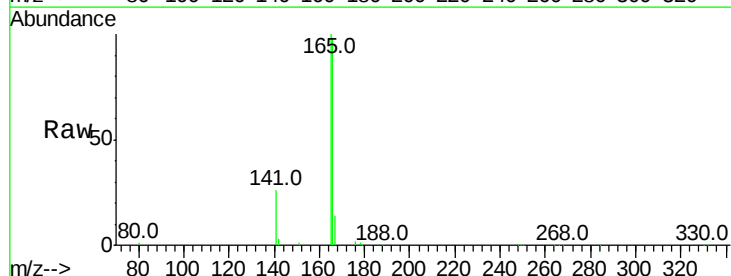
Instrument :
BNA_E
ClientSampleId :

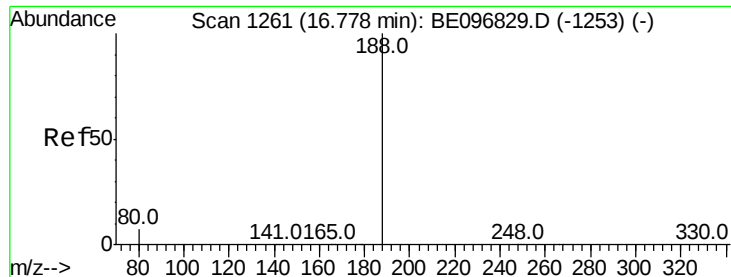
Tot Ion:154 Resp: 16617
Ion Ratio Lower Upper
154 100
153 114.0 89.2 133.8
152 60.9 42.0 63.0



#18
Fluorene
Concen: 0.677 ng
RT: 15.07 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Tgt Ion:166 Resp: 19309
Ion Ratio Lower Upper
166 100
165 99.4 77.8 116.6
167 14.4 42.4 63.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

Instrument :

BNA_E

ClientSampleId :

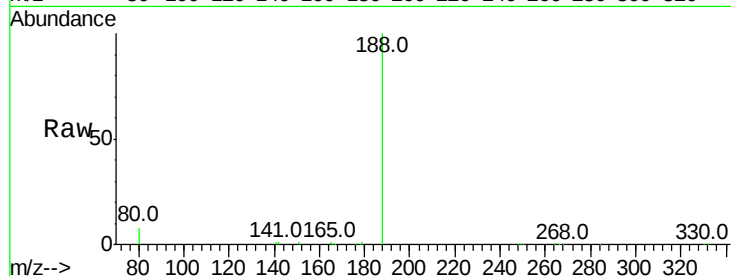
Tot Ion:188 Resp: 21316

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

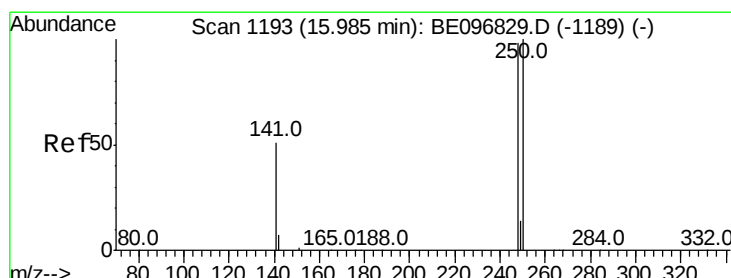
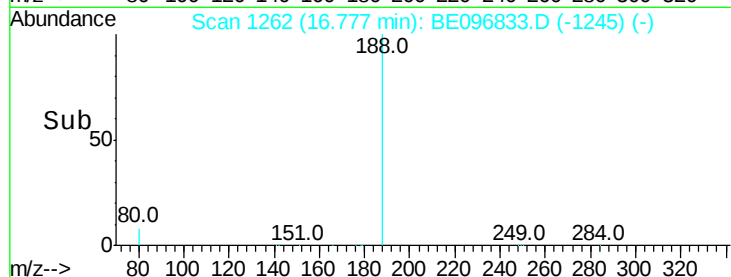
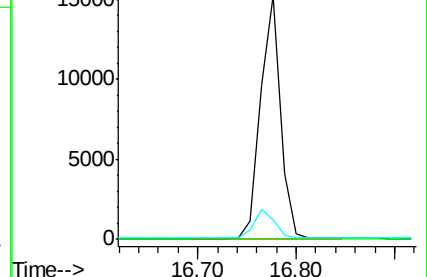
80 8.3 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.680 ng

RT: 15.98 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

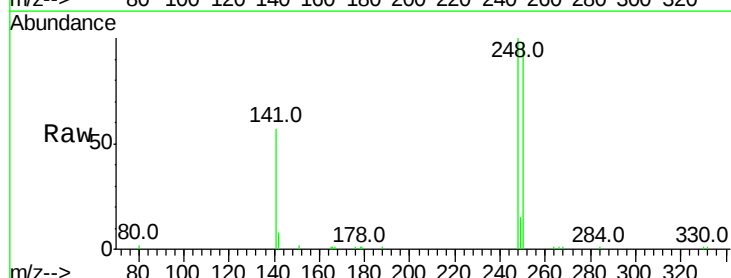
Tgt Ion:248 Resp: 7079

Ion Ratio Lower Upper

248 100

250 98.1 62.7 94.1#

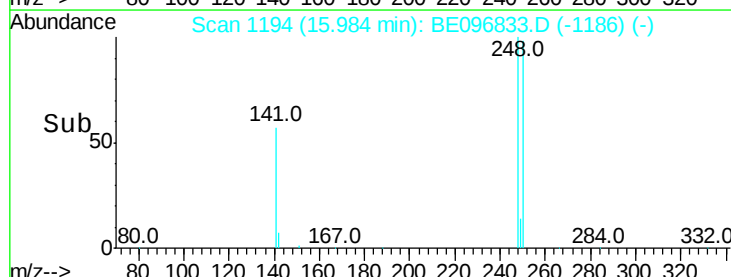
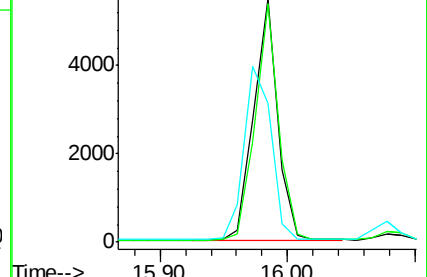
141 57.1 48.2 72.2

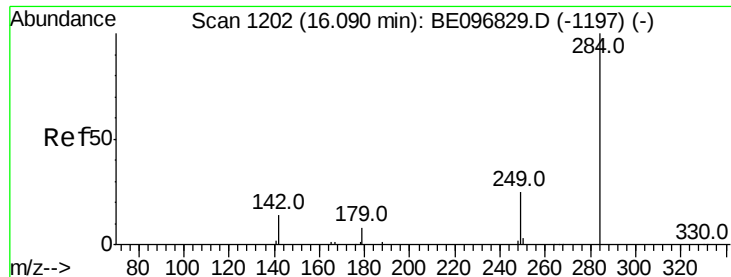


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.650 ng

RT: 16.09 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

Instrument :

BNA_E

ClientSampleId :

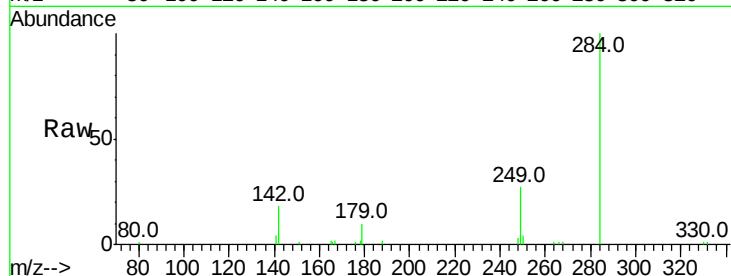
Tot Ion:284 Resp: 7753

Ion Ratio Lower Upper

284 100

142 40.3 22.1 33.1#

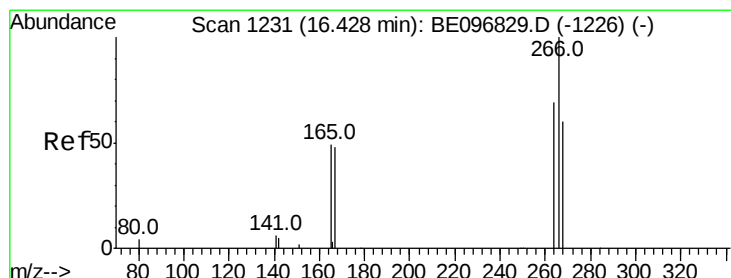
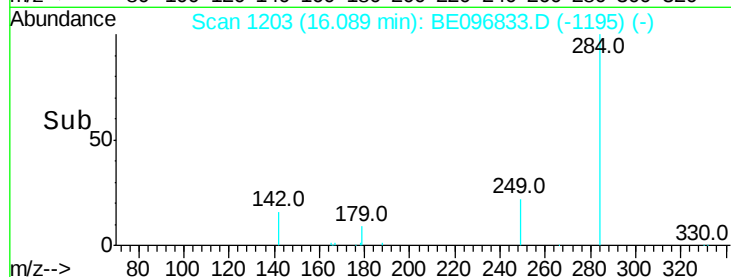
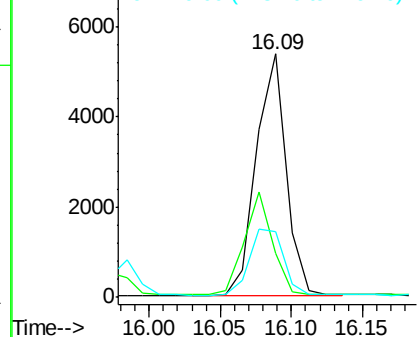
249 31.5 34.8 52.2#



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: 0.660 ng

RT: 16.43 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

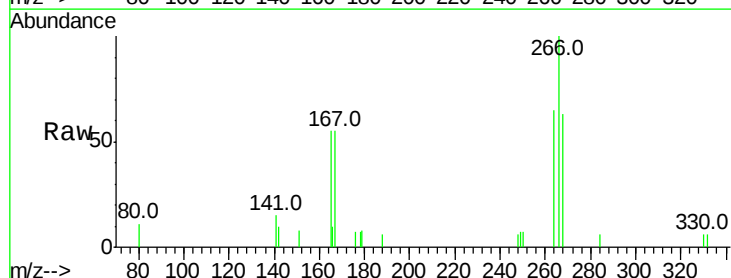
Tgt Ion:266 Resp: 1431

Ion Ratio Lower Upper

266 100

264 64.9 72.5 108.7#

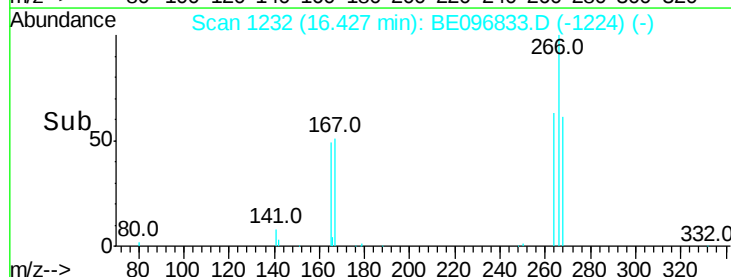
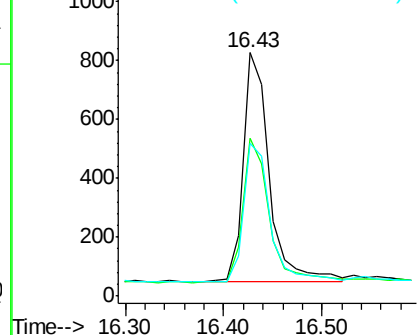
268 62.9 73.8 110.6#

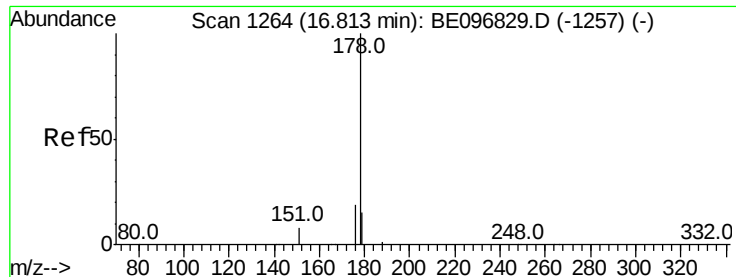


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.667 ng

RT: 16.81 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

Instrument :

BNA_E

ClientSampleId :

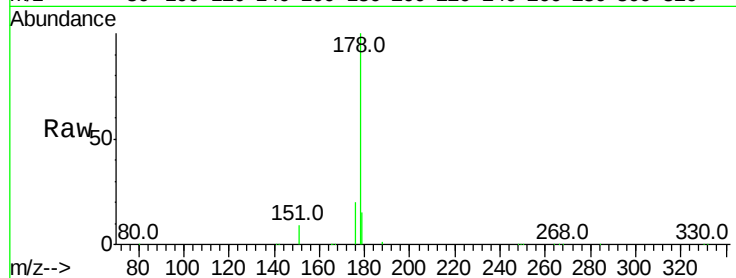
Tot Ion:178 Resp: 37962

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

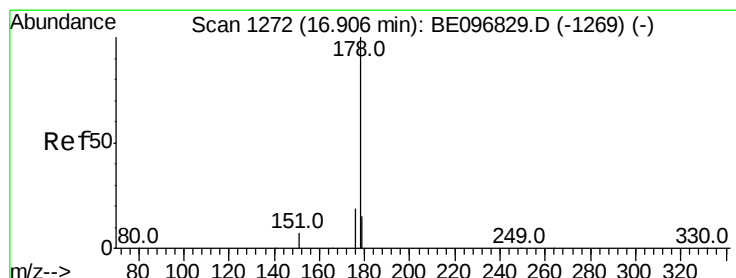
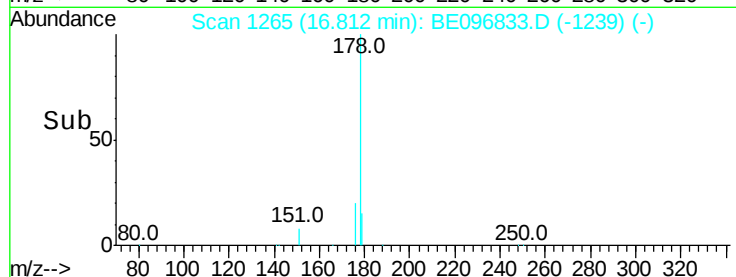
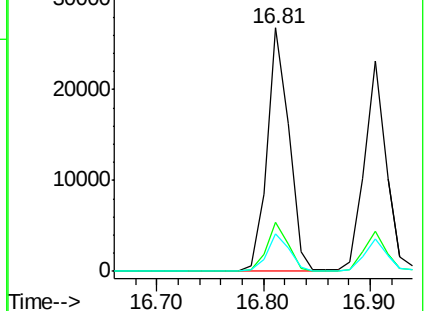
179 15.4 11.8 17.6



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: 0.687 ng

RT: 16.90 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

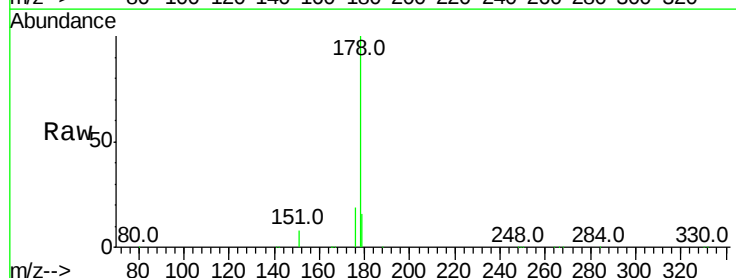
Tgt Ion:178 Resp: 32336

Ion Ratio Lower Upper

178 100

176 18.8 12.8 19.2

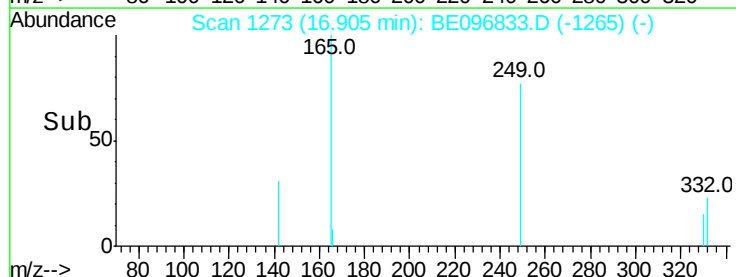
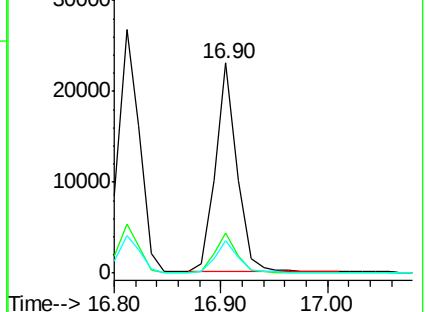
179 15.3 13.0 19.6

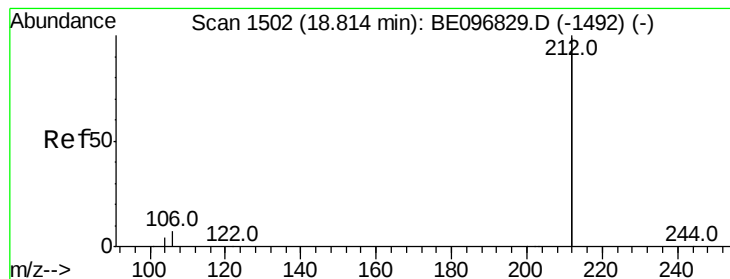


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.662 ng

RT: 18.82 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

Instrument :

BNA_E

ClientSampleId :

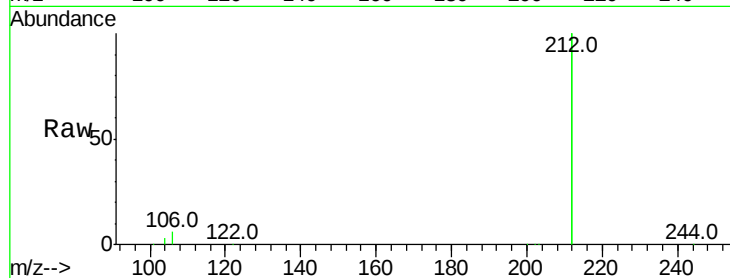
Tot Ion:212 Resp: 135472

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

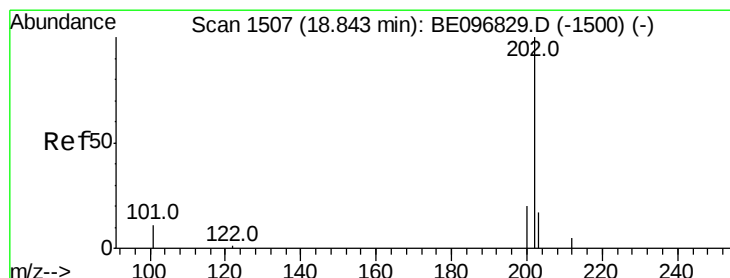
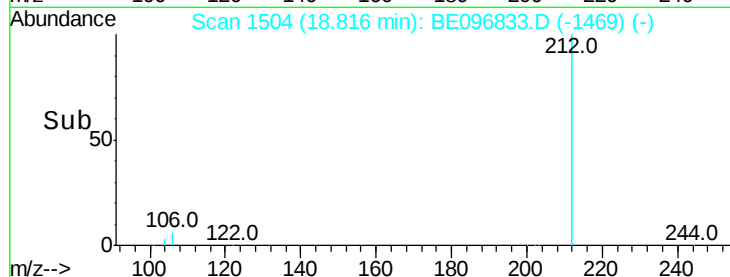
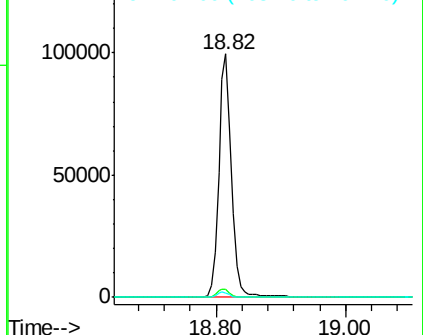
104 1.9 1.6 2.4



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: 0.670 ng

RT: 18.84 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

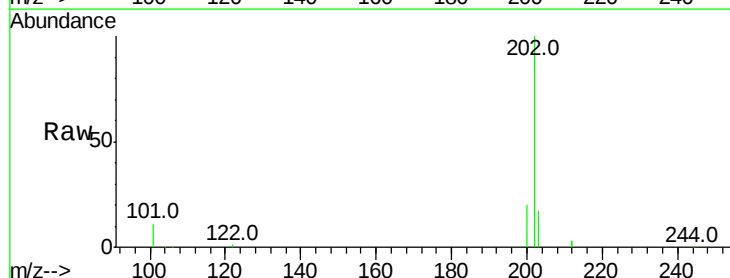
Tgt Ion:202 Resp: 40755

Ion Ratio Lower Upper

202 100

101 11.5 9.8 14.8

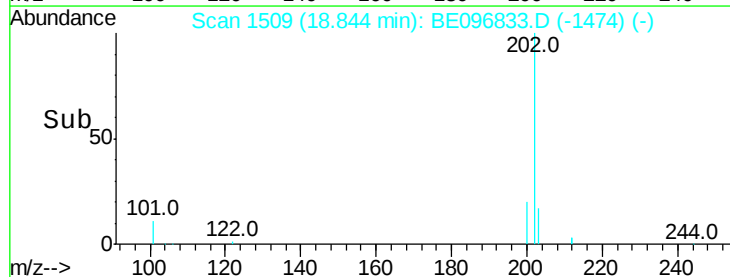
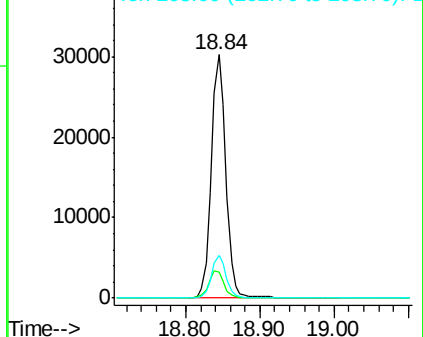
203 17.3 13.7 20.5

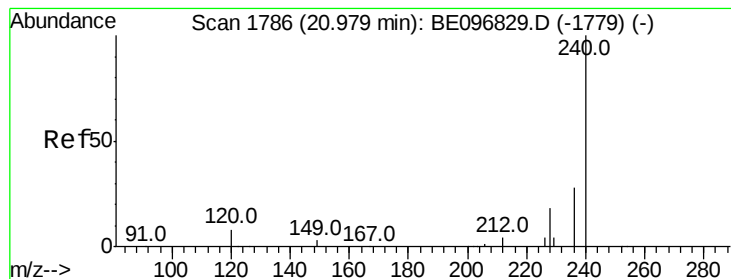


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1788

Delta R.T. 0.00 min

Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

Instrument :

BNA_E

ClientSampleId :

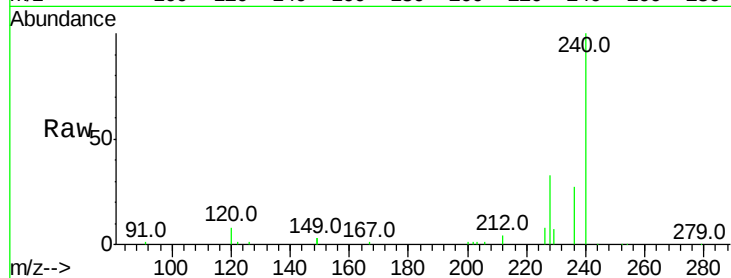
Tot Ion:240 Resp: 17914

Ion Ratio Lower Upper

240 100

120 7.7 5.5 8.3

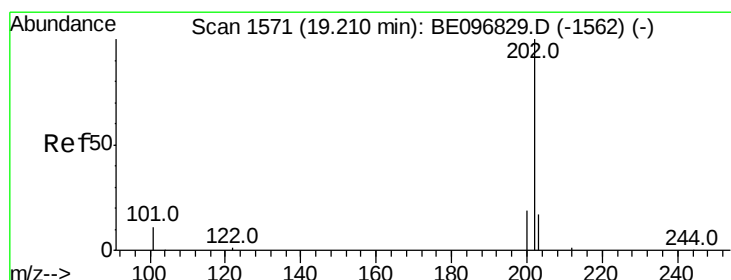
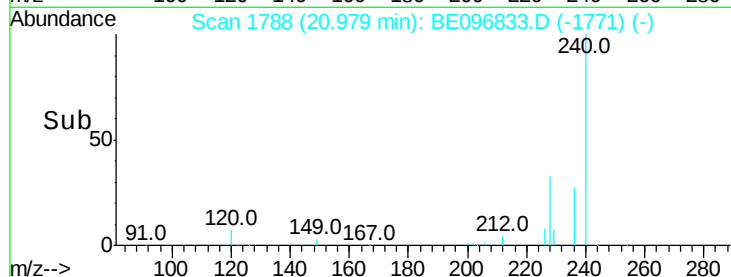
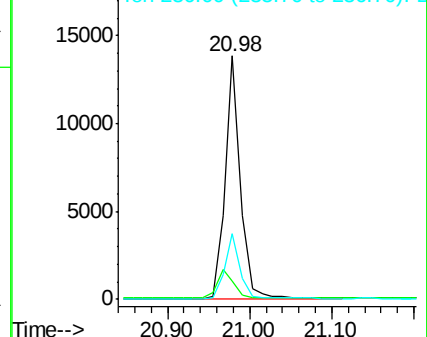
236 27.1 20.7 31.1



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: 0.687 ng

RT: 19.21 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

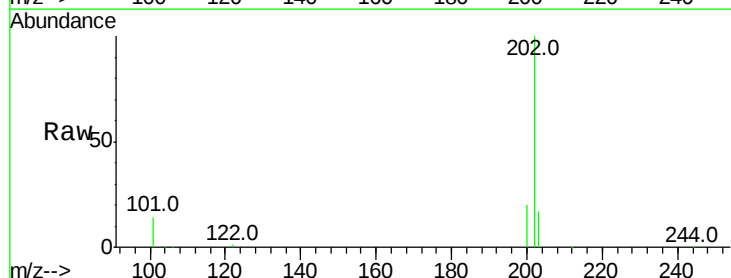
Tgt Ion:202 Resp: 38473

Ion Ratio Lower Upper

202 100

200 19.9 16.6 25.0

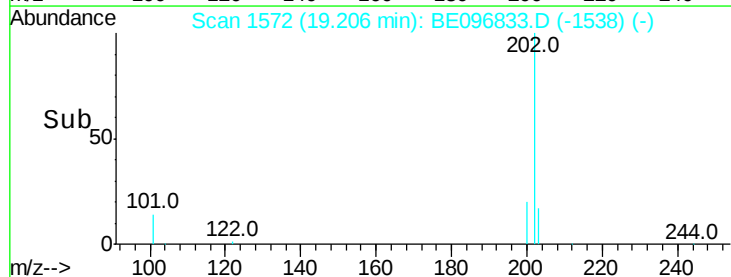
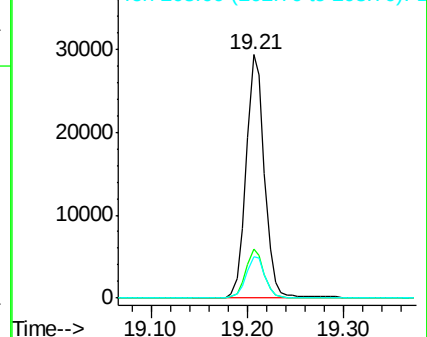
203 17.4 13.8 20.8

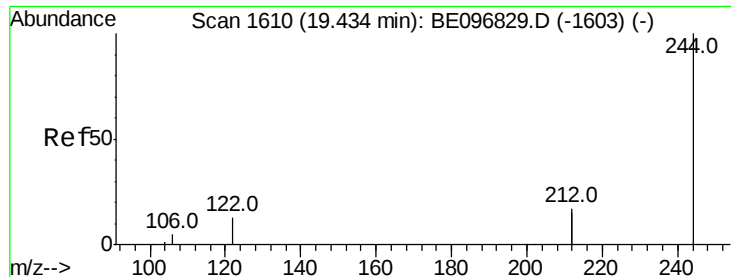


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.696 ng

RT: 19.44 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

Instrument :

BNA_E

ClientSampleId :

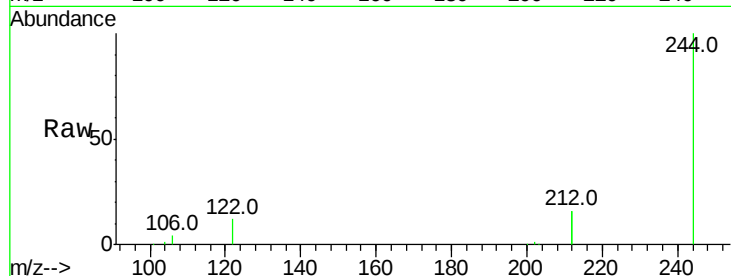
Tot Ion:244 Resp: 26048

Ion Ratio Lower Upper

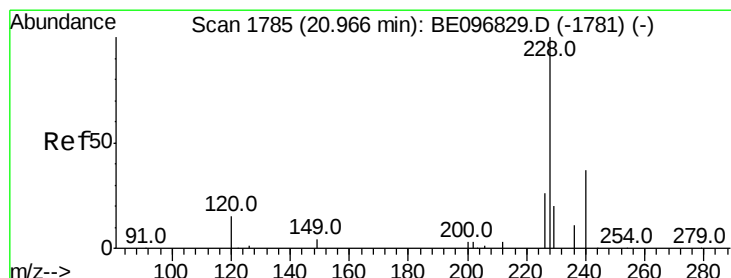
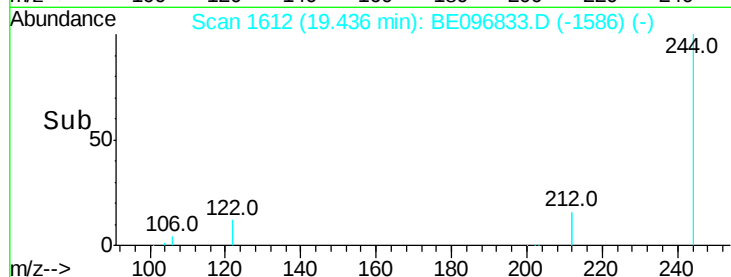
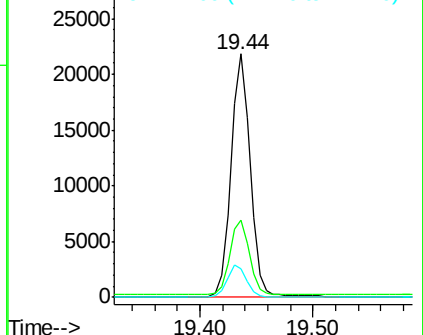
244 100

212 31.6 25.4 38.0

122 11.8 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: 0.702 ng

RT: 20.97 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

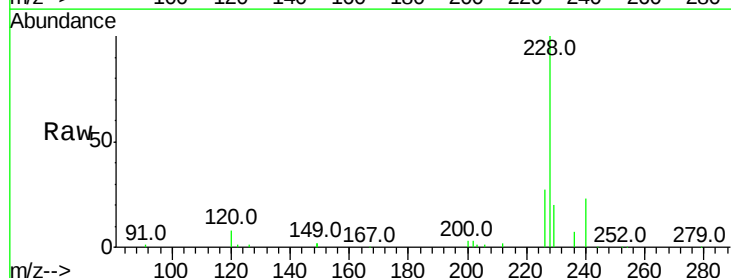
Tgt Ion:228 Resp: 30224

Ion Ratio Lower Upper

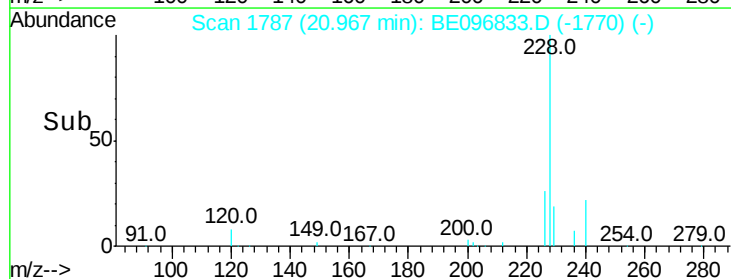
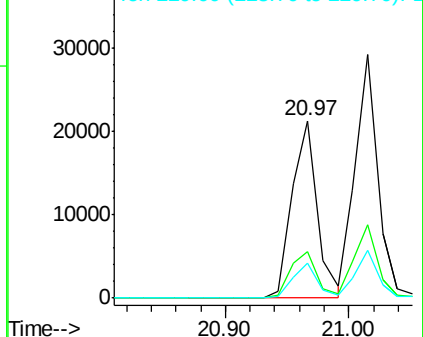
228 100

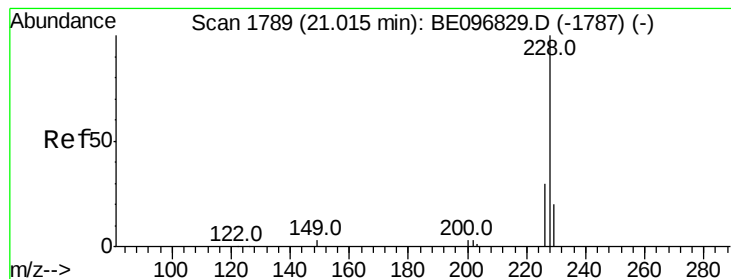
226 26.5 24.0 36.0

229 19.7 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: 0.700 ng

RT: 21.02 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

Instrument :

BNA_E

ClientSampleId :

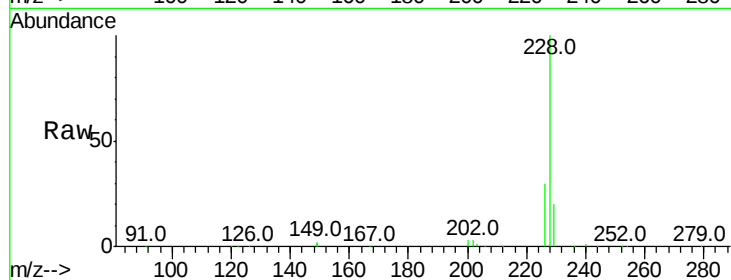
Tot Ion:228 Resp: 37090

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	19.8	16.0	24.0

228 100

226 30.0 24.0 36.0

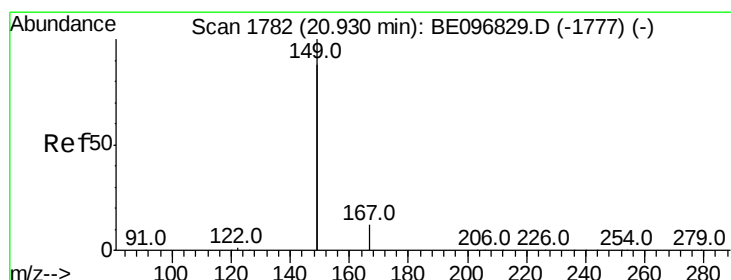
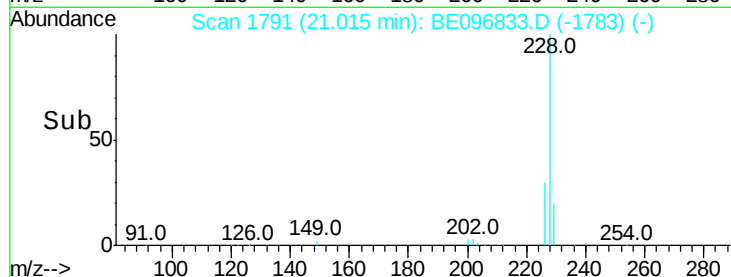
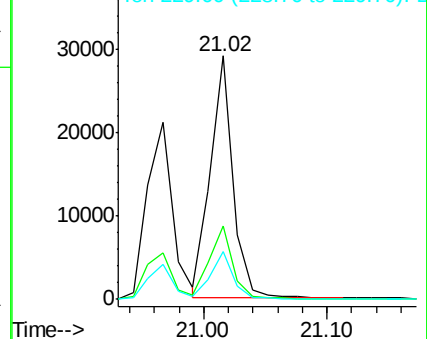
229 19.8 16.0 24.0



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: 0.603 ng

RT: 20.93 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

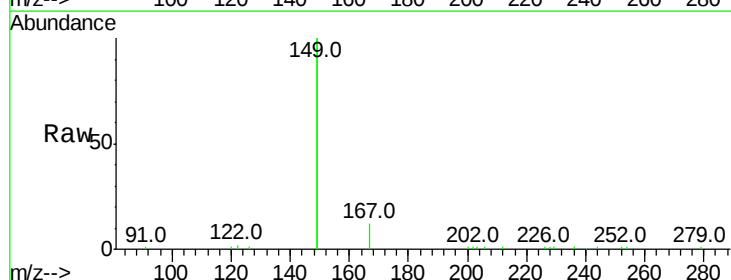
Tgt Ion:149 Resp: 24430

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

149 100

167 6.5 5.4 8.0

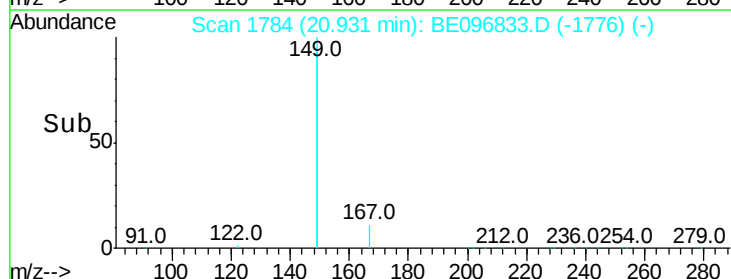
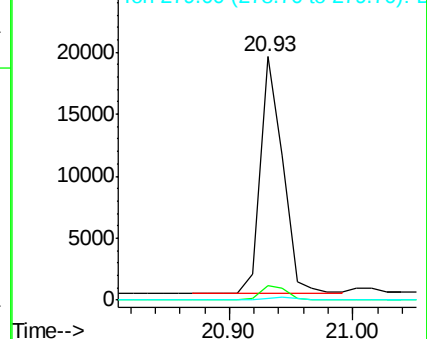
279 0.8 0.7 1.1

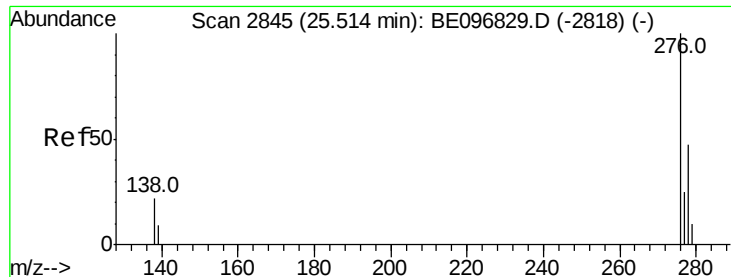


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.696 ng

RT: 25.51 min Scan# 2847

Delta R.T. -0.00 min

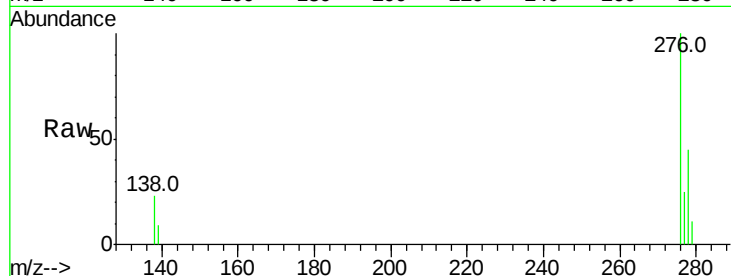
Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

Instrument :

BNA_E

ClientSampleId :



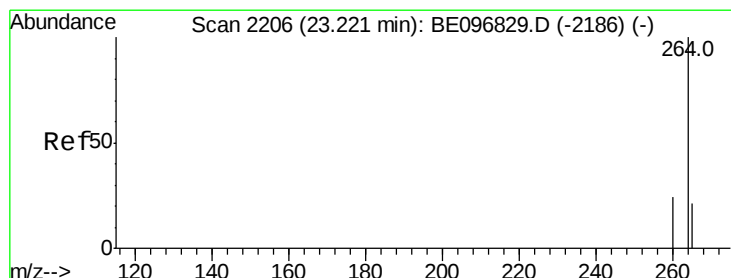
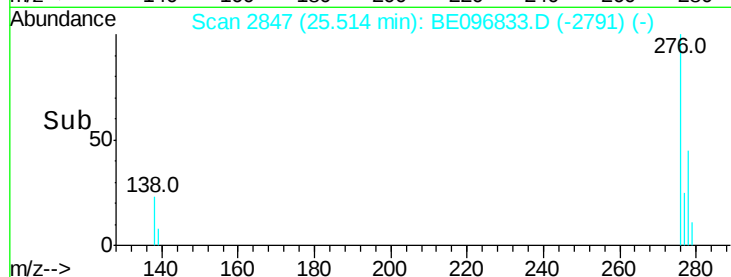
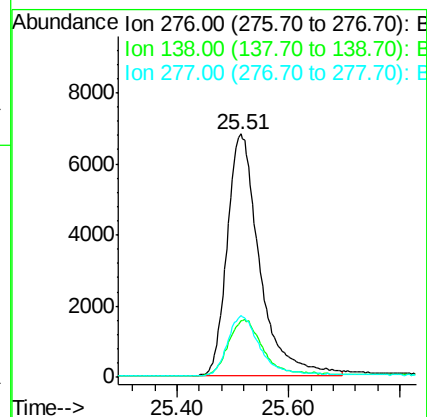
Tot Ion:276 Resp: 27469

Ion Ratio Lower Upper

276 100

138 24.3 22.5 33.7

277 24.8 19.9 29.9



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.22 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

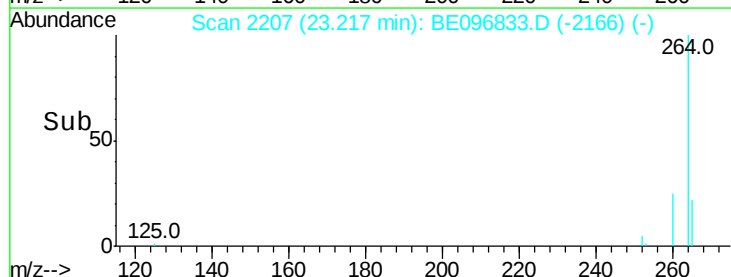
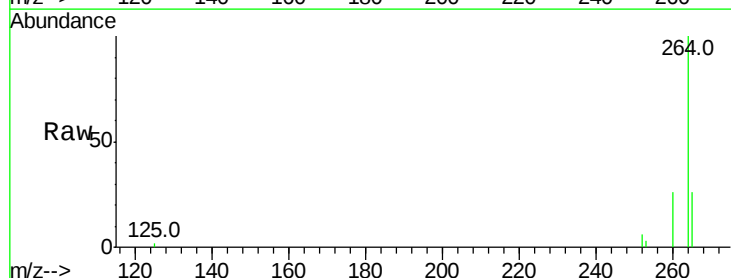
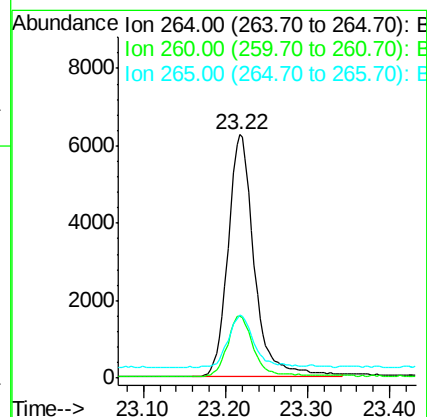
Tgt Ion:264 Resp: 13822

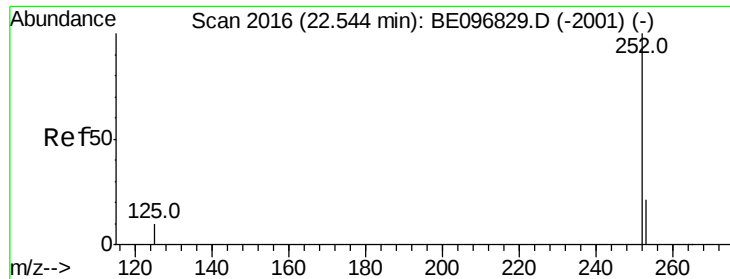
Ion Ratio Lower Upper

264 100

260 25.5 20.5 30.7

265 26.1 22.8 34.2

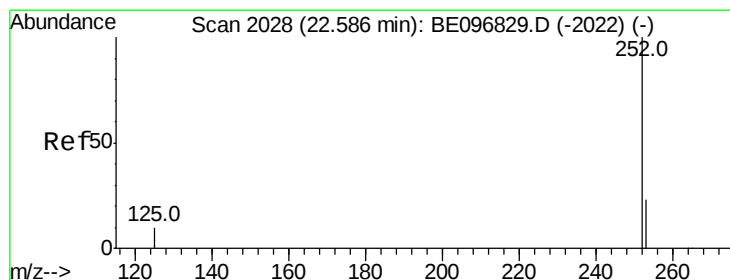
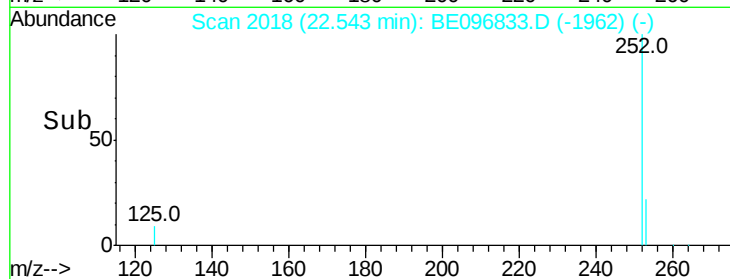
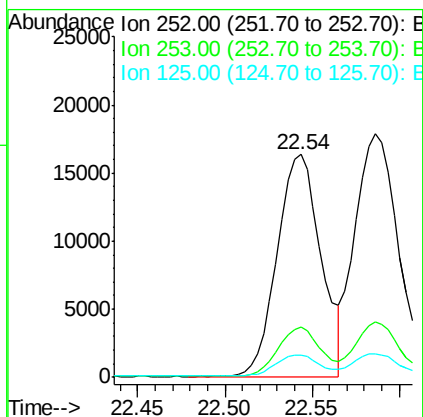
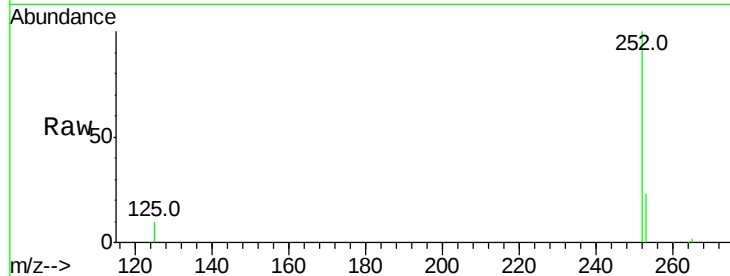




#35
Benzo(b)fluoranthene
Concen: 0.686 ng
RT: 22.54 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

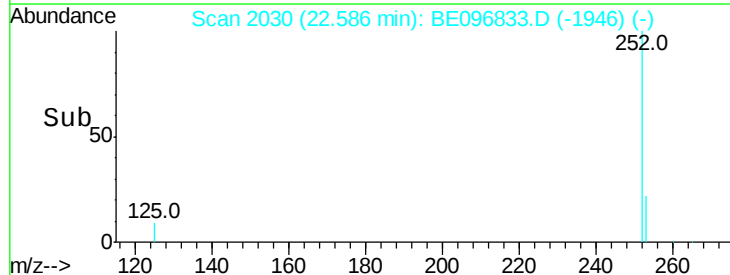
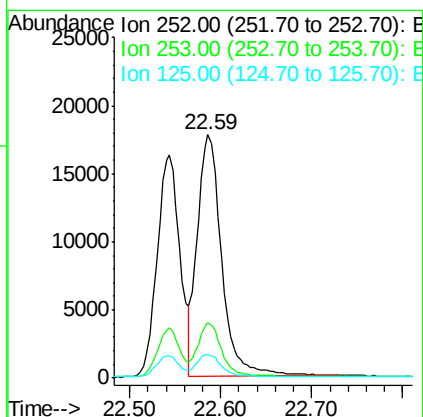
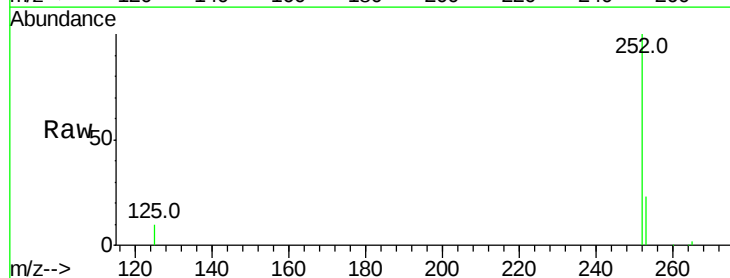
Instrument :
BNA_E
ClientSampled :

Tot Ion:252 Resp: 28422
Ion Ratio Lower Upper
252 100
253 22.6 20.0 30.0
125 10.0 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.700 ng
RT: 22.59 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BE096833.D
Acq: 20 Jun 2018 14:22

Tgt Ion:252 Resp: 32782
Ion Ratio Lower Upper
252 100
253 22.6 16.0 24.0
125 9.7 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.675 ng

RT: 23.12 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

Instrument :

BNA_E

ClientSampleId :

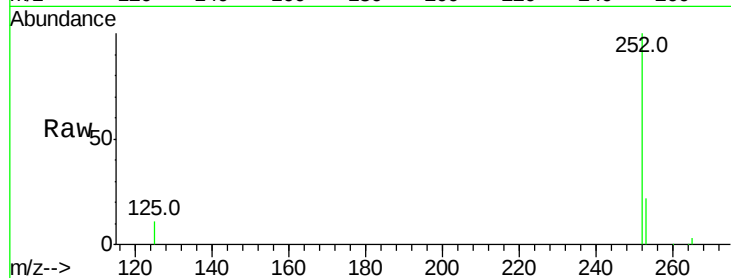
Tot Ion:252 Resp: 23456

Ion Ratio Lower Upper

252 100

253 22.4 16.0 24.0

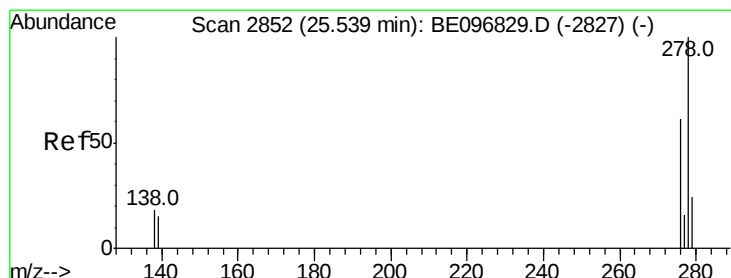
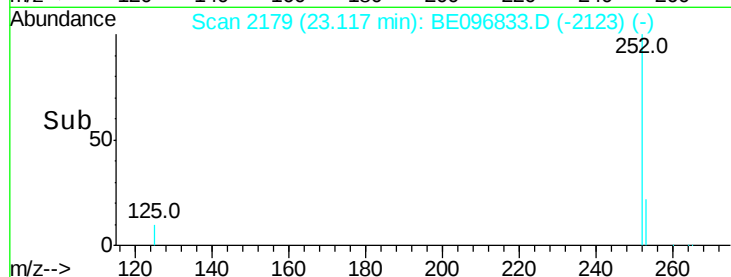
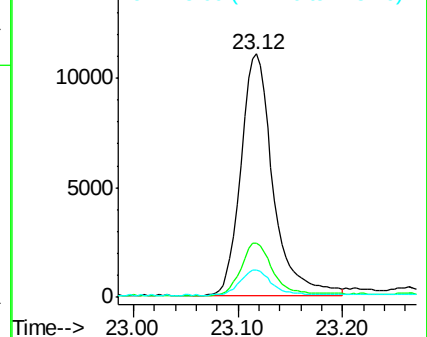
125 11.2 12.0 18.0#



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: 0.697 ng

RT: 25.54 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

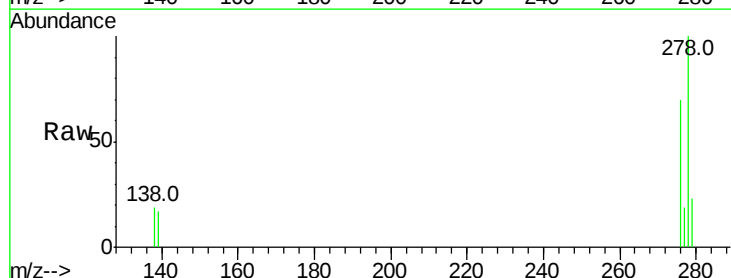
Tgt Ion:278 Resp: 23549

Ion Ratio Lower Upper

278 100

139 16.8 16.0 24.0

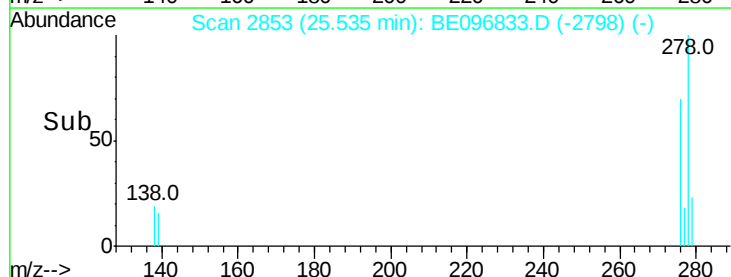
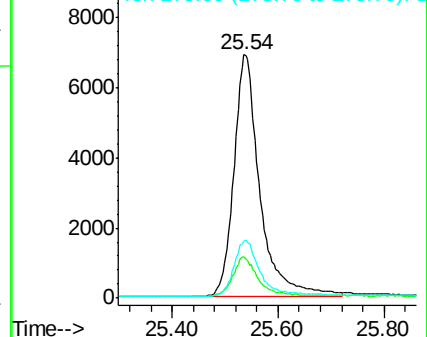
279 23.4 20.0 30.0



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: 0.686 ng

RT: 26.21 min Scan# 3042

Delta R.T. -0.00 min

Lab File: BE096833.D

Acq: 20 Jun 2018 14:22

Instrument :

BNA_E

ClientSampleId :

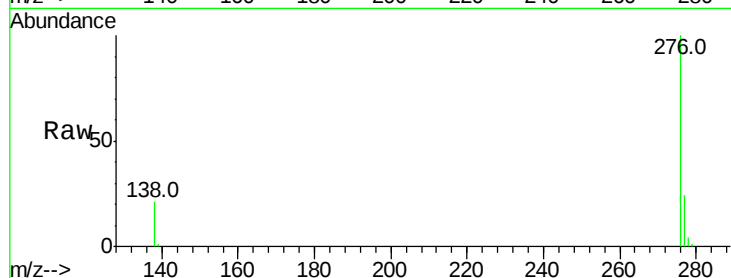
Tot Ion:276 Resp: 25199

Ion Ratio Lower Upper

276 100

277 23.7 16.0 24.0

138 21.2 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

