

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062018\
 Data File : BE096829.D
 Acq On : 20 Jun 2018 10:59
 Operator : SJ/JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Jun 20 11:47:21 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	2639	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	12656	0.40	ng	0.00
13) Acenaphthene-d10	14.03	164	7054	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	18674	0.40	ng	0.00
27) Chrysene-d12	20.98	240	15944	0.40	ng	0.00
34) Perylene-d12	23.22	264	12396	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	2185	0.38	ng	0.00
5) Phenol-d6	6.60	99	3241	0.37	ng	0.00
8) Nitrobenzene-d5	8.53	82	2853	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	7267	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	571	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	10467	0.36	ng	0.00
25) Fluoranthene-d10	18.81	212	62874	0.34	ng	0.00
29) Terphenyl-d14	19.43	244	12072	0.33	ng	0.00

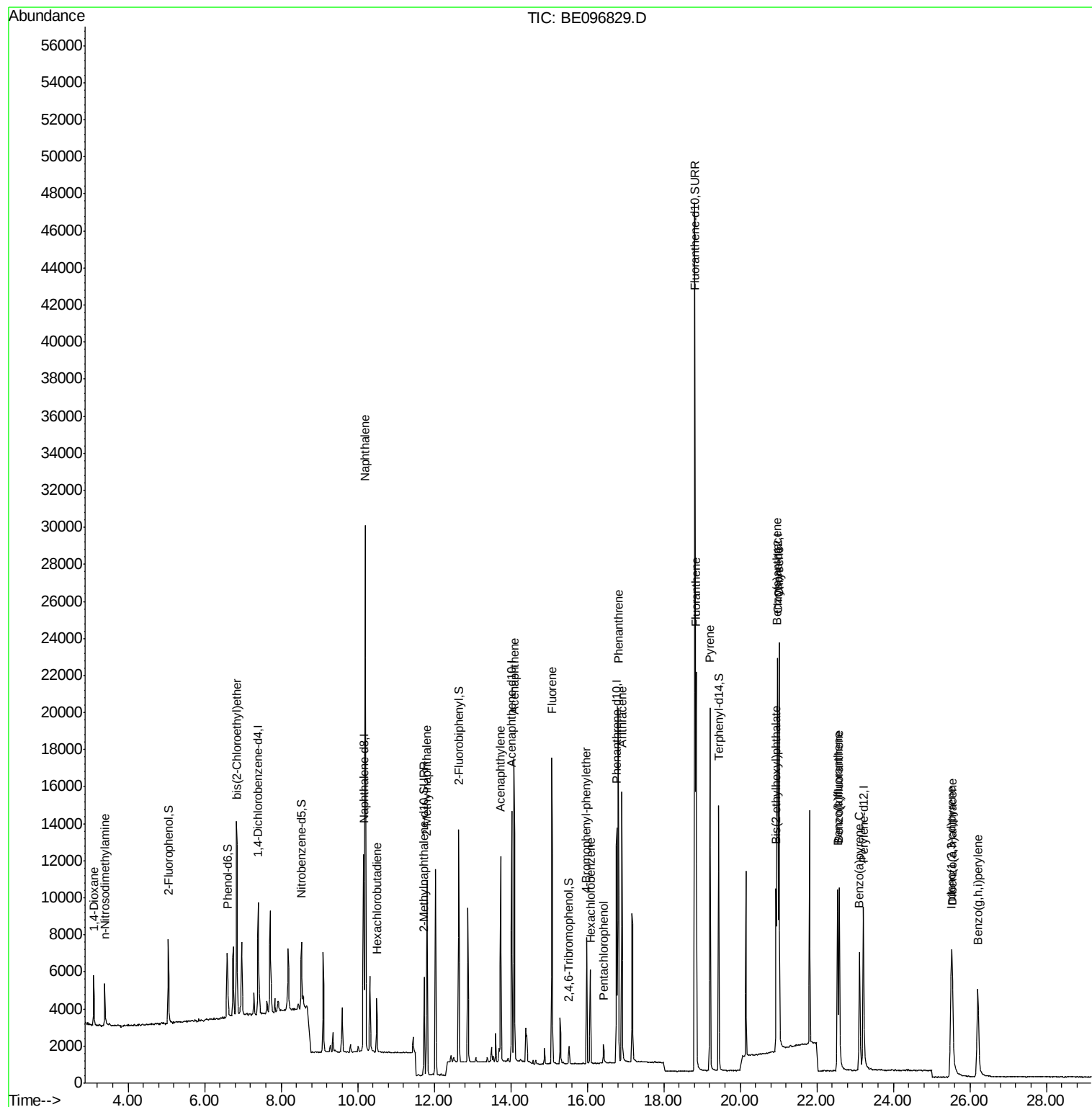
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	1647	0.386	ng	# 88
3) n-Nitrosodimethylamine	3.38	42	1613	0.358	ng	# 87
6) bis(2-Chloroethyl)ether	6.85	93	3729	0.366	ng	96
9) Naphthalene	10.20	128	45540	0.366	ng	100
10) Hexachlorobutadiene	10.50	225	1894	0.365	ng	99
12) 2-Methylnaphthalene	11.81	142	7546	0.362	ng	98
16) Acenaphthylene	13.74	152	11917	0.358	ng	100
17) Acenaphthene	14.08	154	8185	0.366	ng	93
18) Fluorene	15.08	166	9257	0.350	ng	# 80
20) 4-Bromophenyl-phenylether	15.99	248	3335	0.366	ng	# 81
21) Hexachlorobenzene	16.09	284	3964	0.371	ng	# 79
22) Pentachlorophenol	16.43	266	550	0.331	ng	# 77
23) Phenanthrene	16.81	178	18269	0.360	ng	99
24) Anthracene	16.91	178	14464	0.347	ng	# 95
26) Fluoranthene	18.84	202	18803	0.350	ng	99
28) Pyrene	19.21	202	18126	0.346	ng	99
30) Benzo(a)anthracene	20.97	228	12919	0.334	ng	96
31) Chrysene	21.01	228	17239	0.354	ng	100
32) Bis(2-ethylhexyl)phthalate	20.93	149	11323	0.390	ng	100
33) Indeno(1,2,3-cd)pyrene	25.51	276	12000	0.328	ng	96
35) Benzo(b)fluoranthene	22.54	252	12843	0.377	ng	# 88
36) Benzo(k)fluoranthene	22.59	252	14300	0.353	ng	94
37) Benzo(a)pyrene	23.12	252	10144	0.343	ng	93
38) Dibenzo(a,h)anthracene	25.54	278	10044	0.354	ng	96
39) Benzo(g,h,i)perylene	26.21	276	11175	0.356	ng	# 92

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

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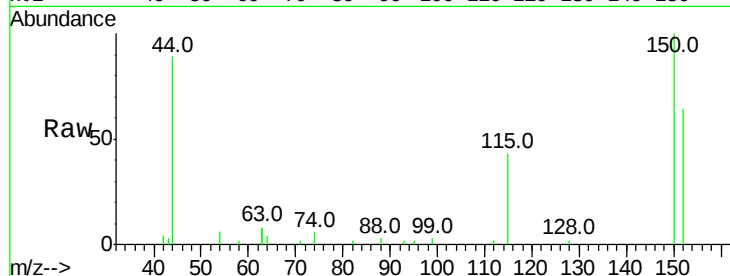


#1

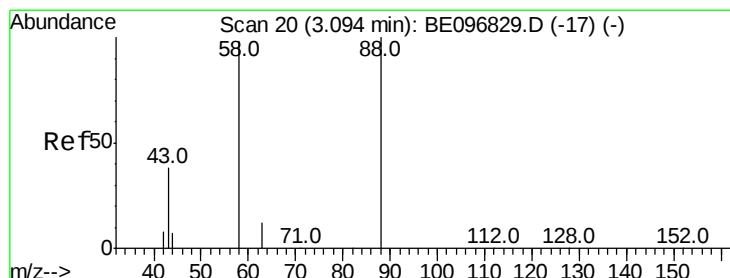
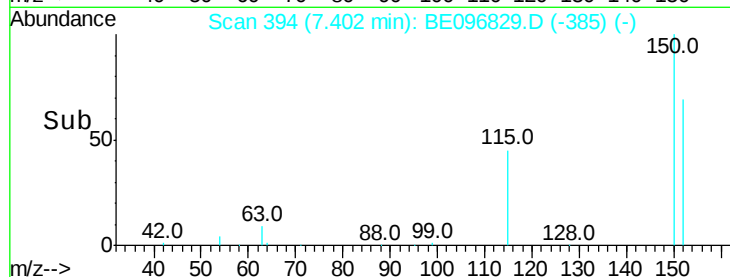
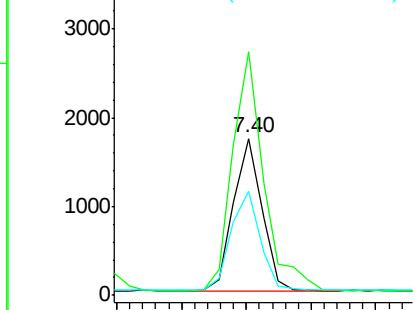
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.40 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:152 Resp: 2639
Ion Ratio Lower Upper
152 100
150 155.3 117.2 175.8
115 66.3 57.0 85.6



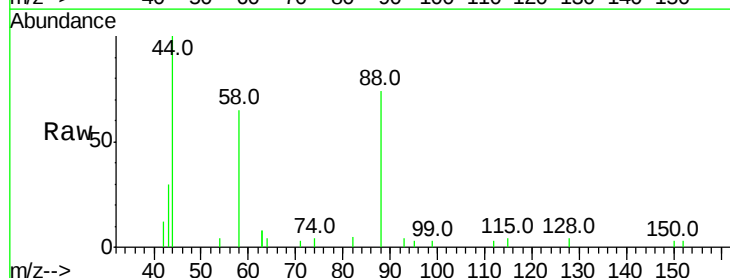
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



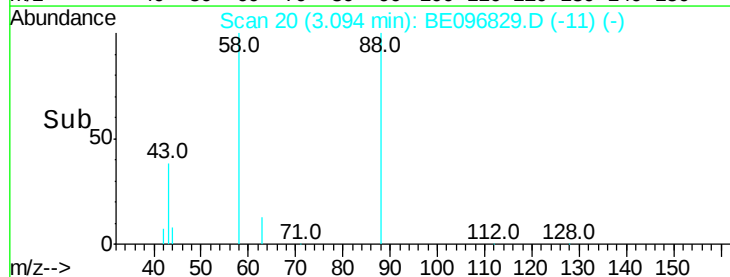
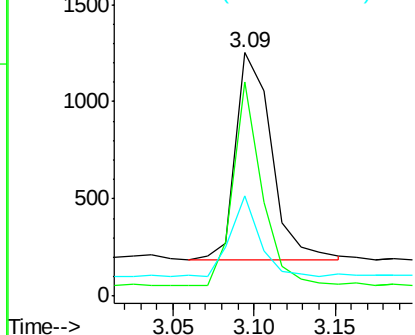
#2

1,4-Dioxane
Concen: 0.386 ng
RT: 3.09 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Tgt Ion: 88 Resp: 1647
Ion Ratio Lower Upper
88 100
58 78.1 63.2 94.8
43 30.5 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



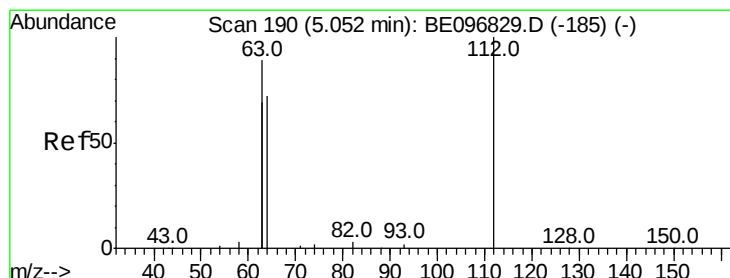
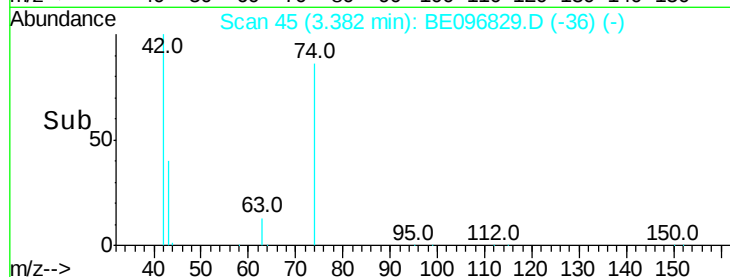
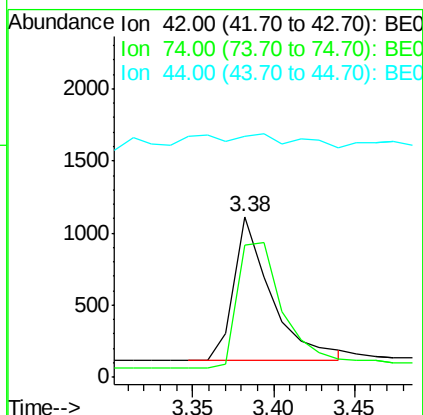
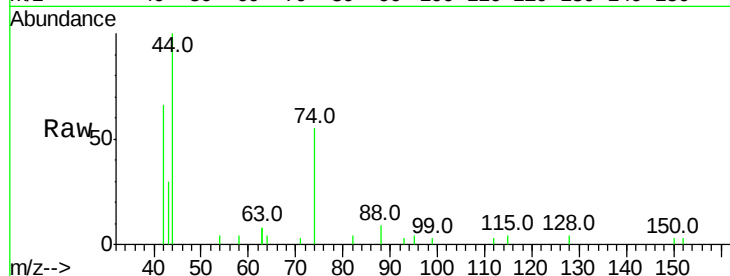


#3

n-Nitrosodimethylamine
 Concen: 0.358 ng
 RT: 3.38 min Scan# 45
 Delta R.T. 0.00 min
 Lab File: BE096829.D
 Acq: 20 Jun 2018 10:59

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

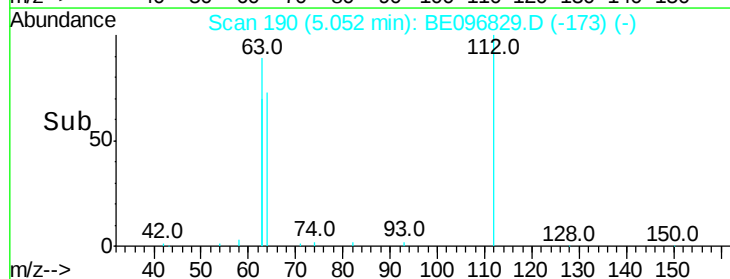
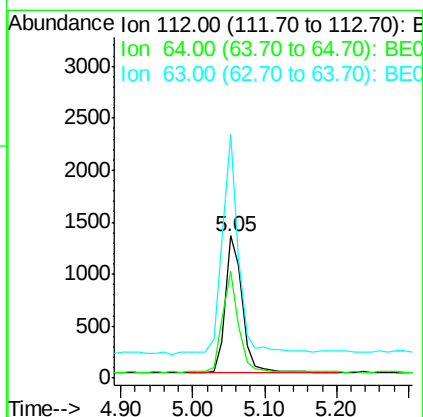
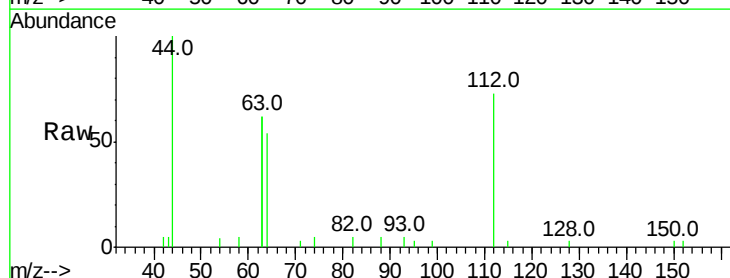
Tot Ion: 42 Resp: 1613
 Ion Ratio Lower Upper
 42 100
 74 108.4 96.0 144.0
 44 0.0 12.0 18.0#

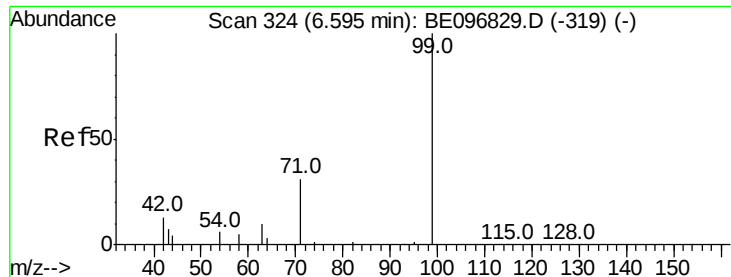


#4

2-Fluorophenol
 Concen: 0.379 ng
 RT: 5.05 min Scan# 190
 Delta R.T. 0.00 min
 Lab File: BE096829.D
 Acq: 20 Jun 2018 10:59

Tgt Ion: 112 Resp: 2185
 Ion Ratio Lower Upper
 112 100
 64 69.1 60.1 90.1
 63 152.3 116.8 175.2





#5

Phenol-d6

Concen: 0.375 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

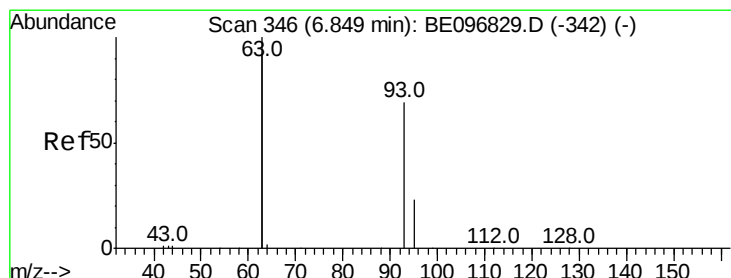
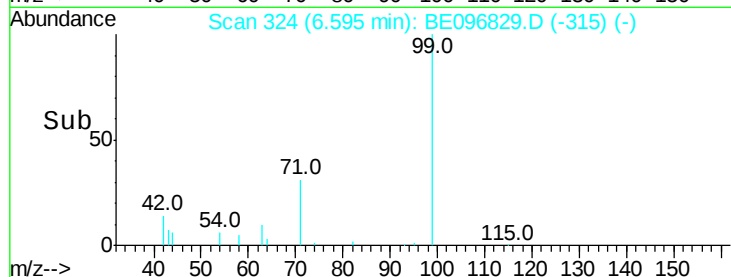
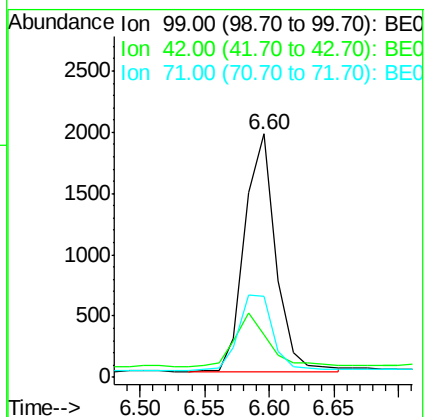
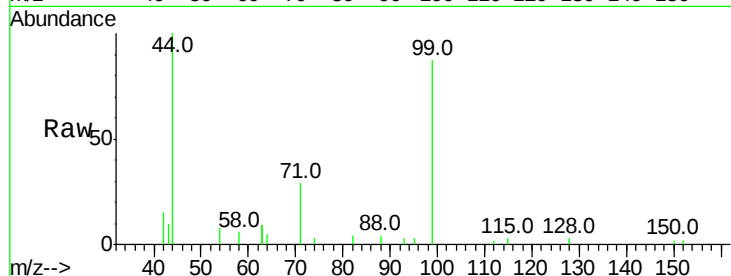
Tot Ion: 99 Resp: 3241

Ion Ratio Lower Upper

99 100

42 24.1 20.2 30.2

71 35.1 28.4 42.6



#6

bis(2-Chloroethyl)ether

Concen: 0.366 ng

RT: 6.85 min Scan# 346

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

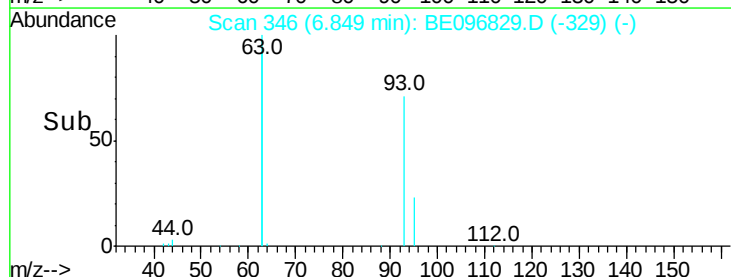
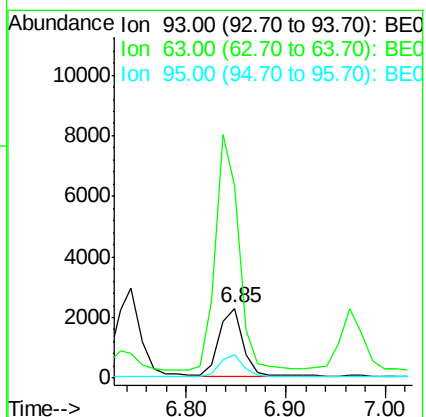
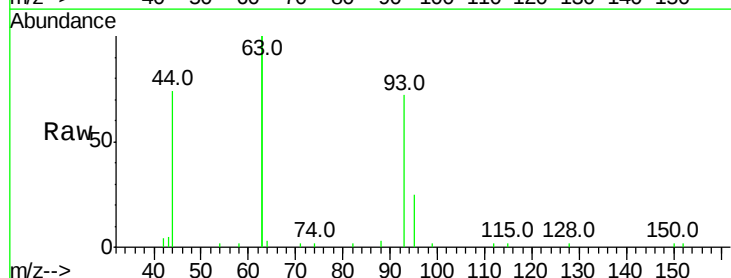
Tgt Ion: 93 Resp: 3729

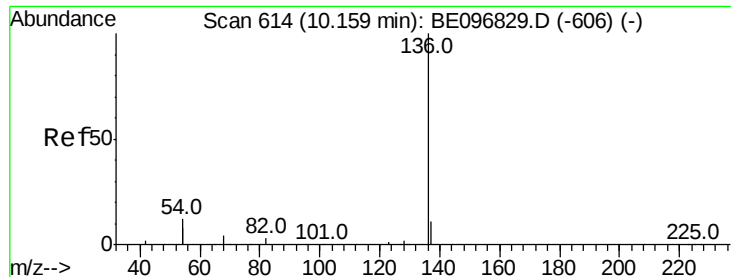
Ion Ratio Lower Upper

93 100

63 335.0 275.3 412.9

95 30.9 25.2 37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 614

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 12656

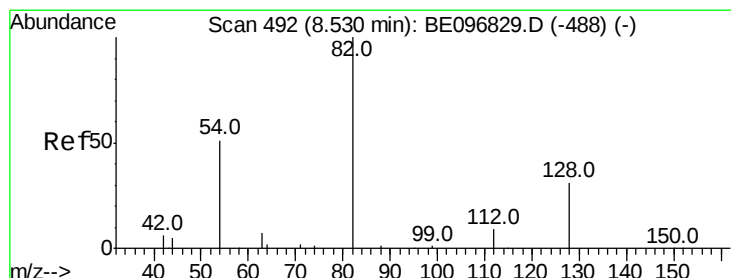
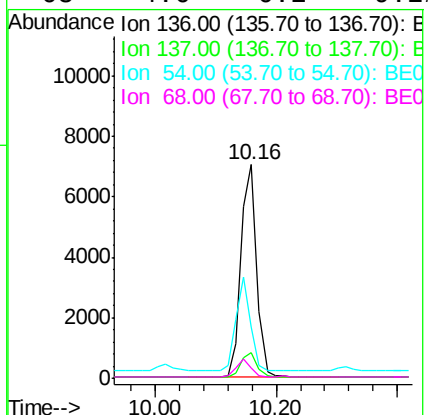
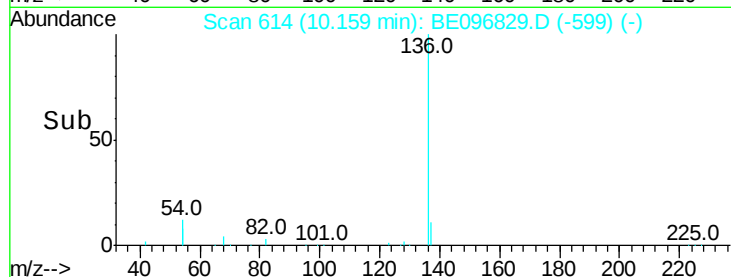
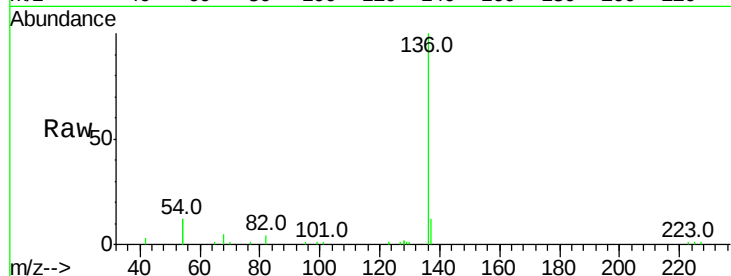
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 23.9 29.1 43.7#

68 4.6 6.2 9.2#



#8

Nitrobenzene-d5

Concen: 0.405 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

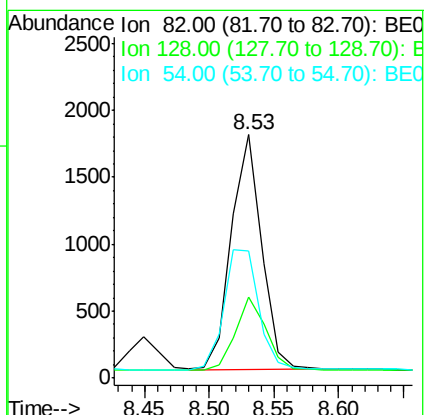
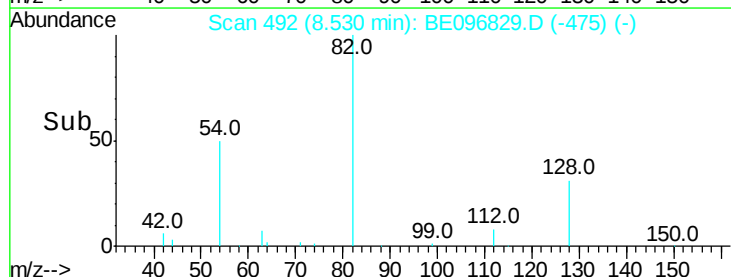
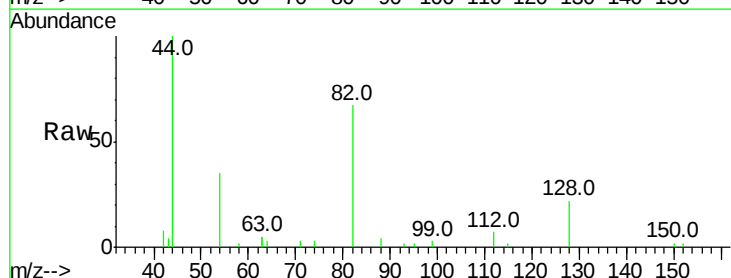
Tgt Ion: 82 Resp: 2853

Ion Ratio Lower Upper

82 100

128 33.2 24.0 36.0

54 52.1 40.0 60.0





#9

Naphthalene

Concen: 0.366 ng

RT: 10.20 min Scan# 617

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

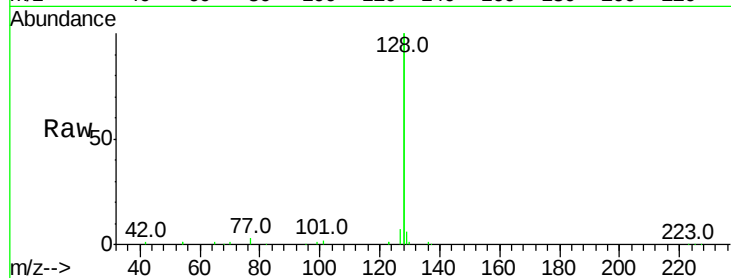
Tot Ion:128 Resp: 45540

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

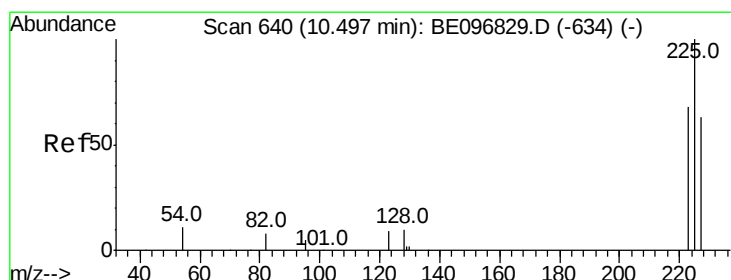
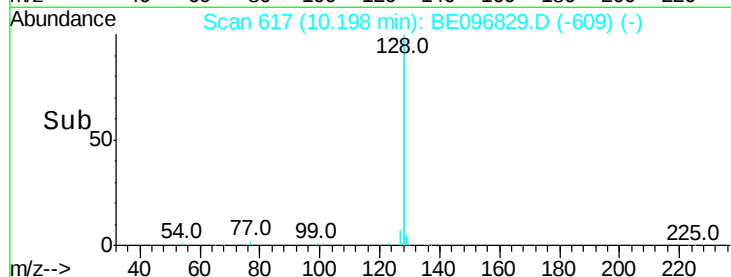
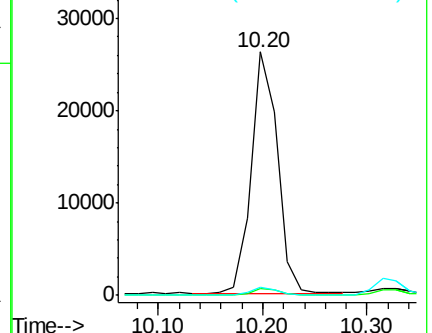
127 3.5 2.8 4.2



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: 0.365 ng

RT: 10.50 min Scan# 640

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

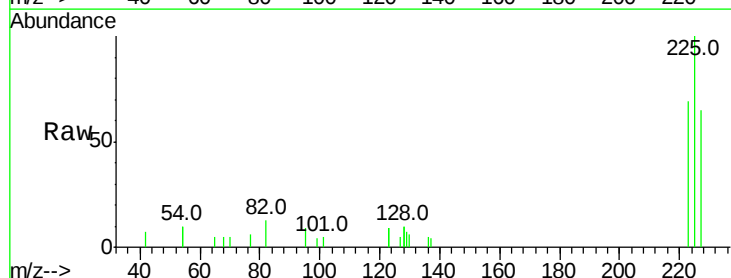
Tgt Ion:225 Resp: 1894

Ion Ratio Lower Upper

225 100

223 65.0 53.0 79.6

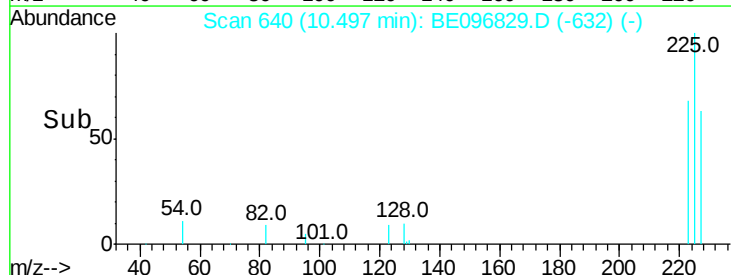
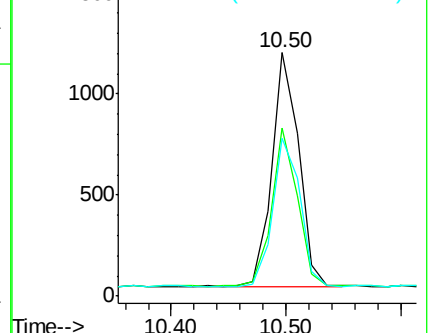
227 64.9 51.4 77.2

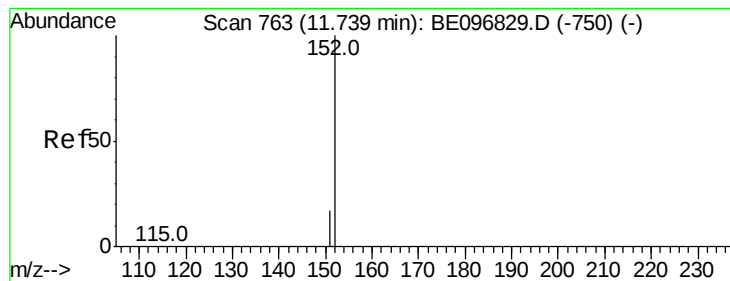


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.360 ng

RT: 11.74 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

Instrument :

BNA_E

ClientSampleId :

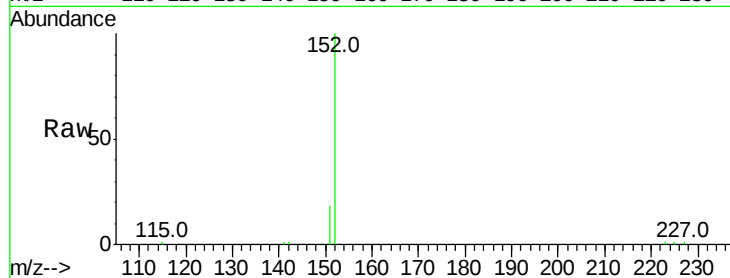
SSTDICCC0.4

Tot Ion:152 Resp: 7267

Ion Ratio Lower Upper

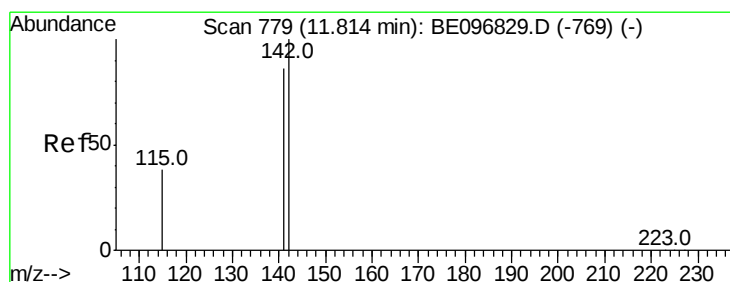
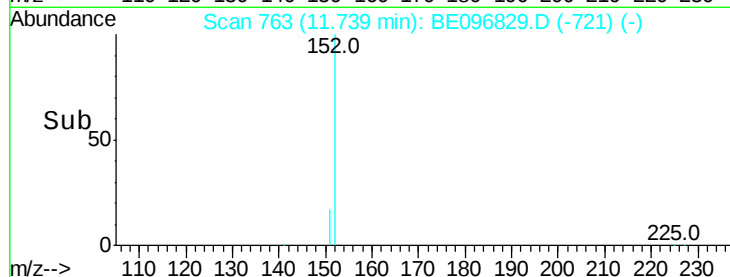
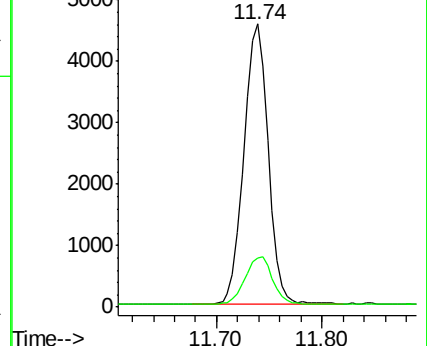
152 100

151 19.4 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.362 ng

RT: 11.81 min Scan# 779

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

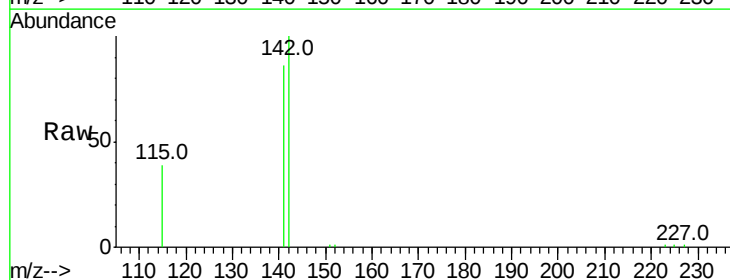
Tgt Ion:142 Resp: 7546

Ion Ratio Lower Upper

142 100

141 85.8 70.4 105.6

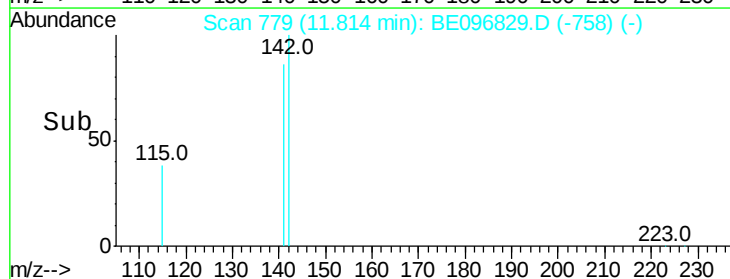
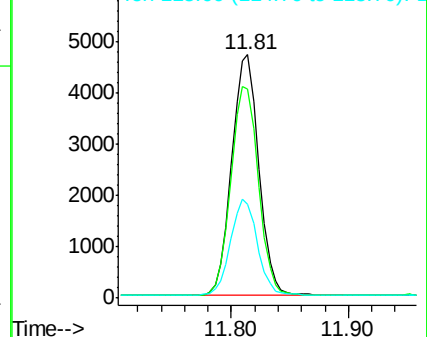
115 38.5 31.7 47.5

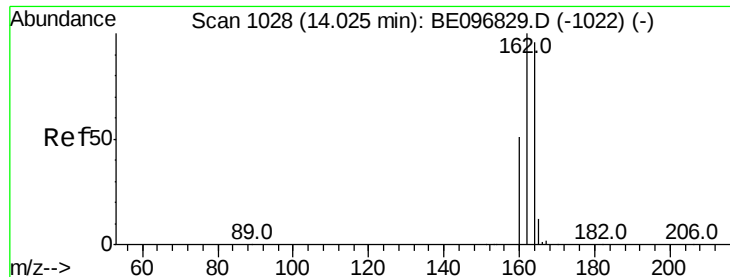


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

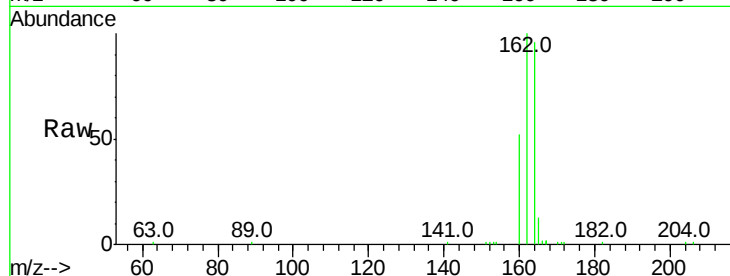
Tot Ion:164 Resp: 7054

Ion Ratio Lower Upper

164 100

162 103.7 83.1 124.7

160 53.5 37.1 55.7



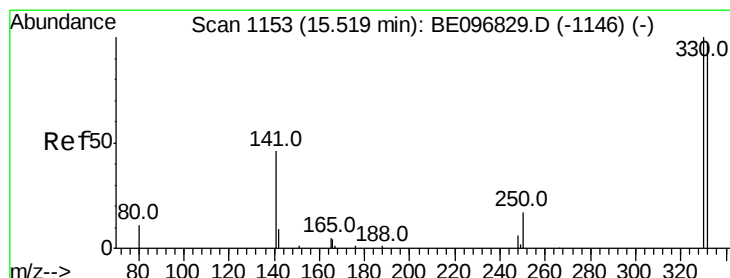
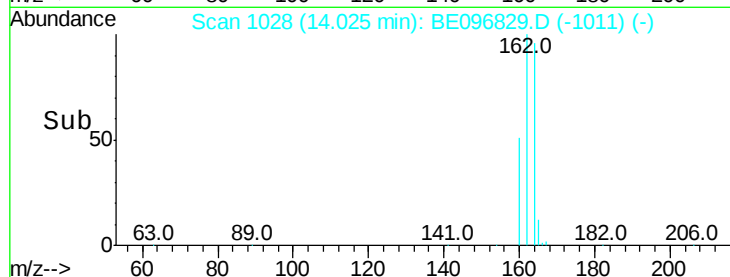
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#14

2,4,6-Tribromophenol

Concen: 0.392 ng

RT: 15.52 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

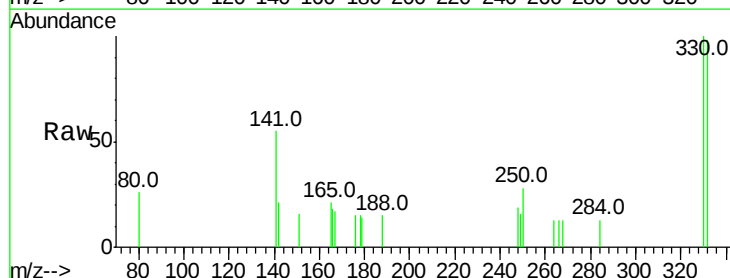
Tgt Ion:330 Resp: 571

Ion Ratio Lower Upper

330 100

332 97.5 152.7 229.1#

141 43.8 33.7 50.5



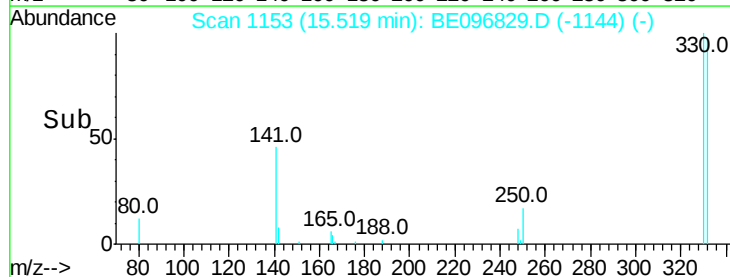
Abundance Ion 330.00 (329.70 to 330.70): E

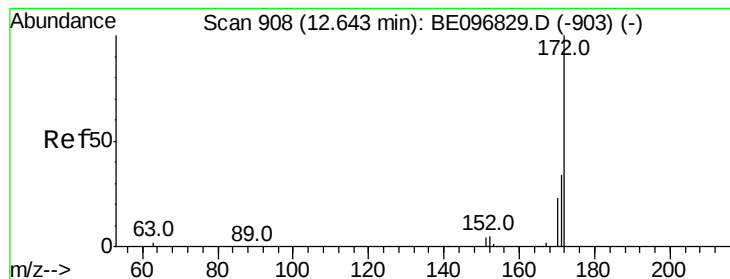
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#15

2-Fluorobiphenyl

Concen: 0.361 ng

RT: 12.64 min Scan# 908

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

Instrument :

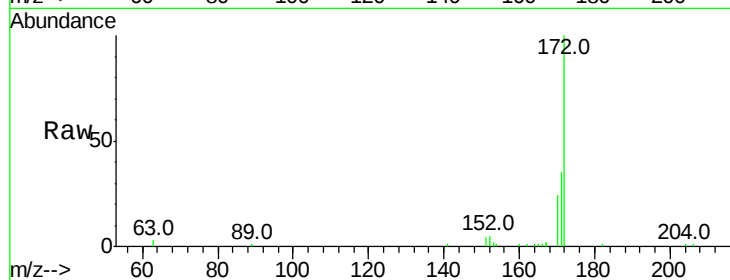
BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:172 Resp: 10467

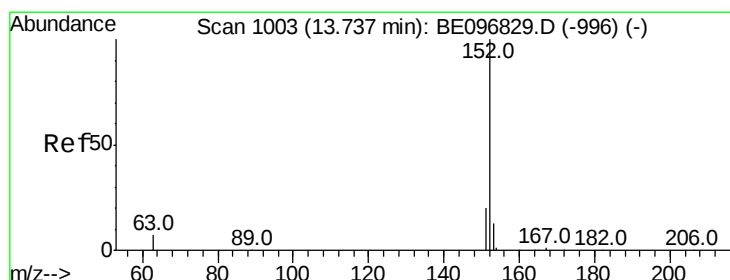
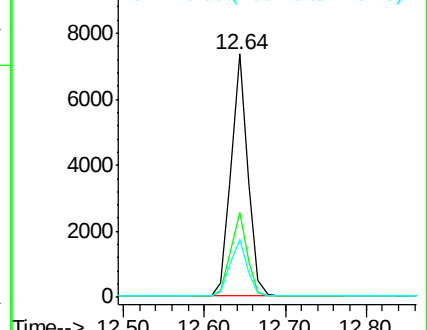
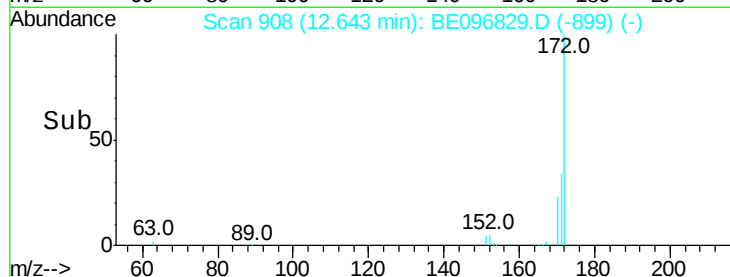
Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.9	44.9
170	23.8	21.8	32.8



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: 0.358 ng

RT: 13.74 min Scan# 1003

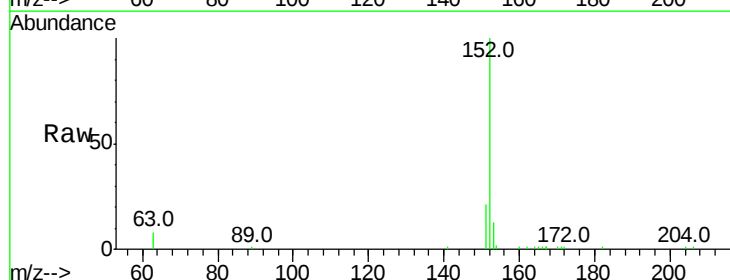
Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

Tgt Ion:152 Resp: 11917

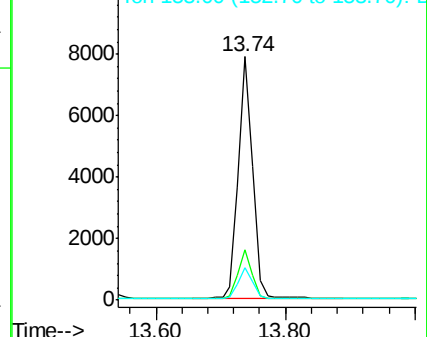
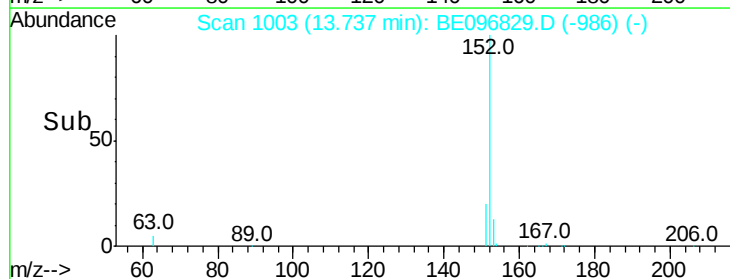
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	12.9	10.5	15.7

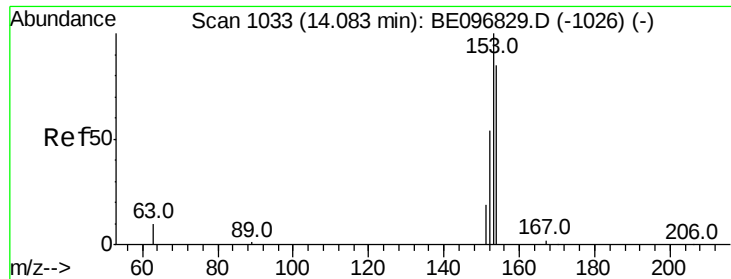


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.366 ng

RT: 14.08 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

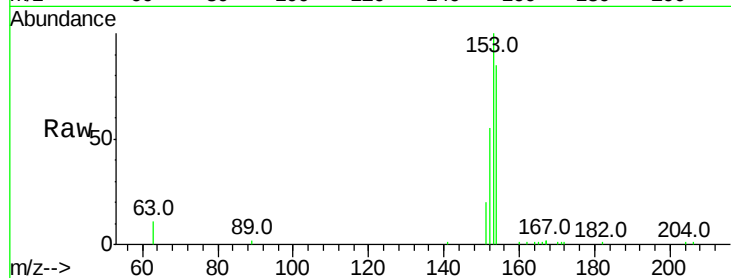
Tot Ion:154 Resp: 8185

Ion Ratio Lower Upper

154 100

153 114.7 89.2 133.8

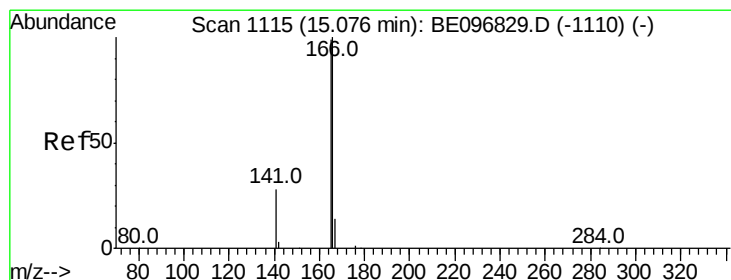
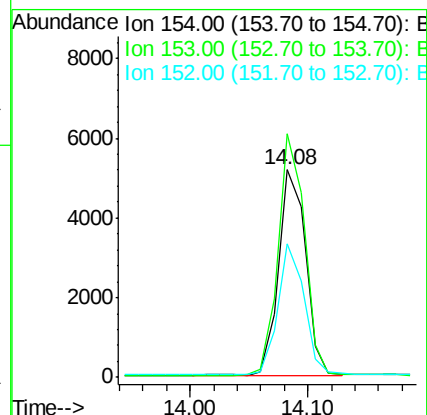
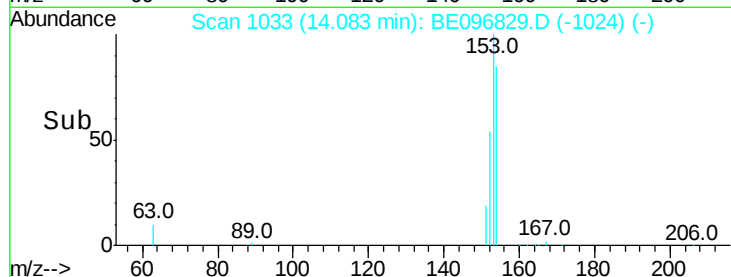
152 62.4 42.0 63.0



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: 0.350 ng

RT: 15.08 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

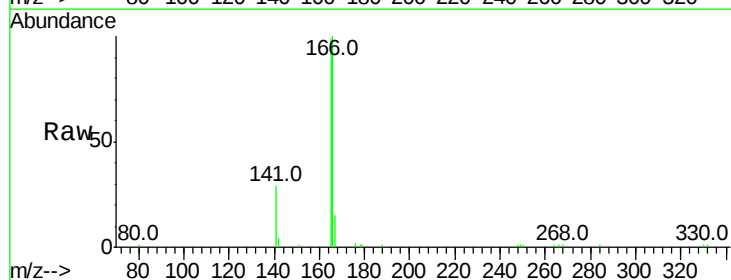
Tgt Ion:166 Resp: 9257

Ion Ratio Lower Upper

166 100

165 98.7 77.8 116.6

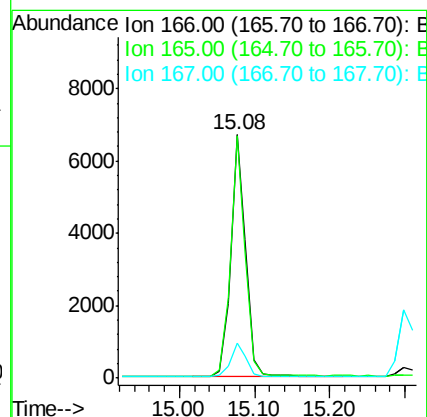
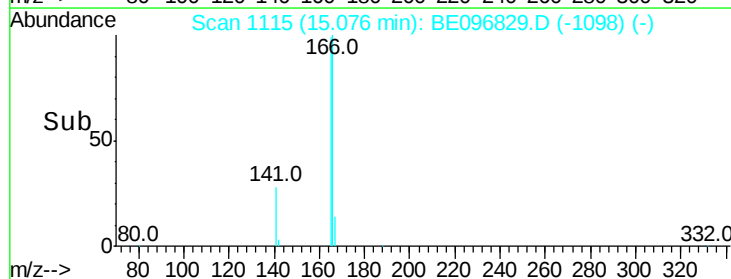
167 14.4 42.4 63.6#

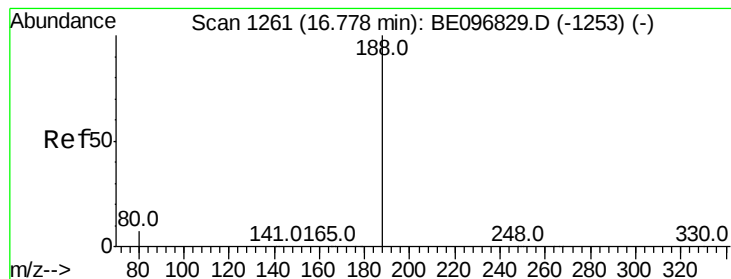


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE096829.D

Acq: 20 Jun 2018 10:59

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

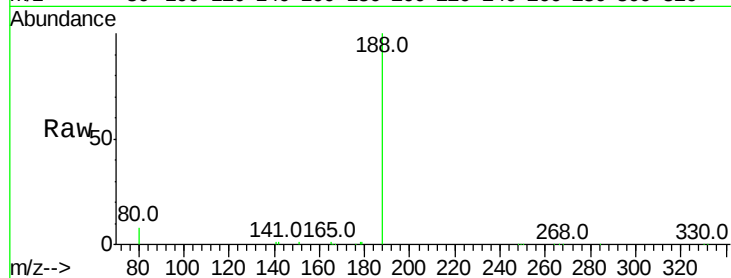
Tot Ion:188 Resp: 18674

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

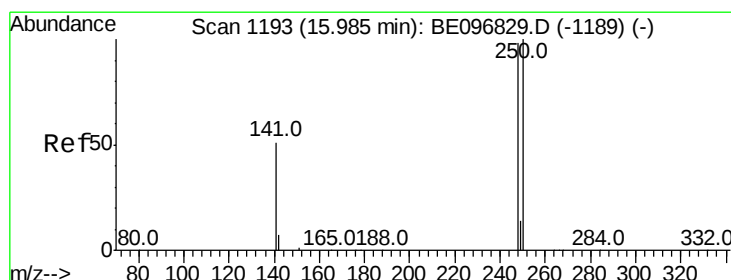
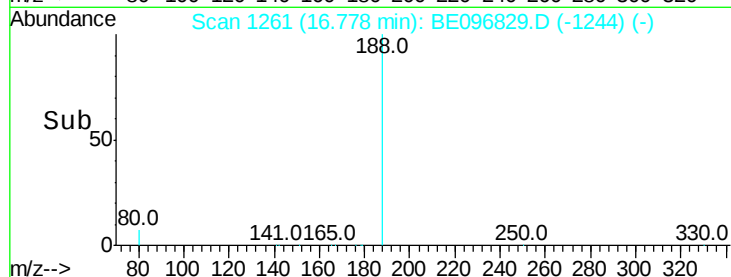
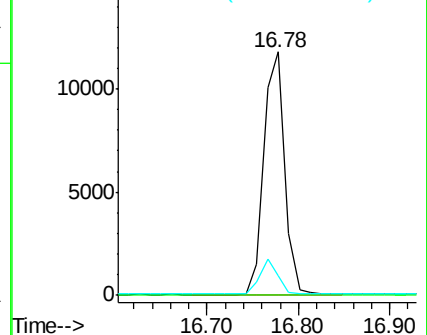
80 7.8 3.6 5.4#



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: 0.366 ng

RT: 15.99 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

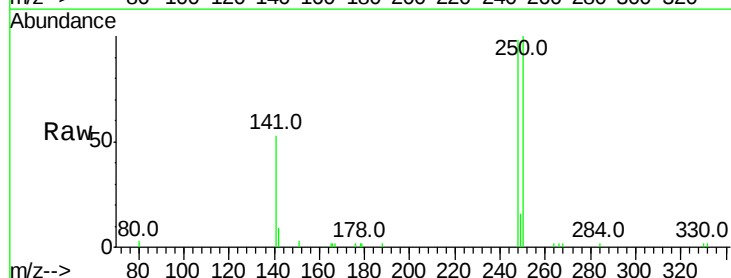
Tgt Ion:248 Resp: 3335

Ion Ratio Lower Upper

248 100

250 102.3 62.7 94.1#

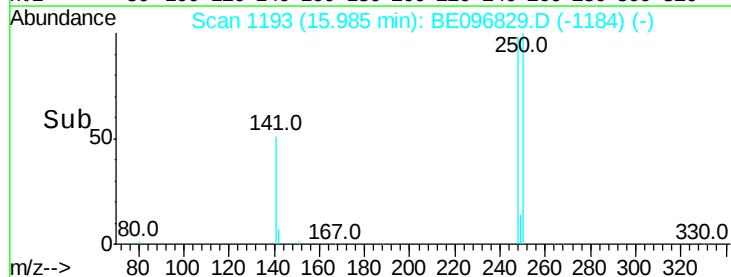
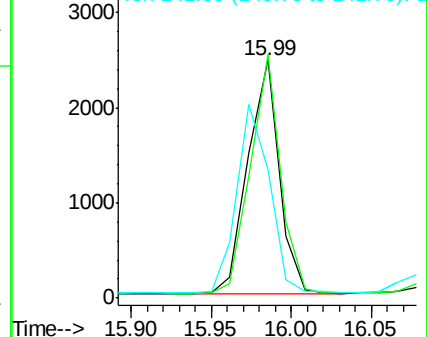
141 53.7 48.2 72.2

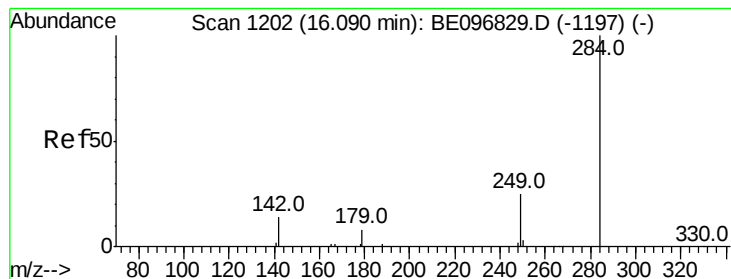


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.371 ng

RT: 16.09 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

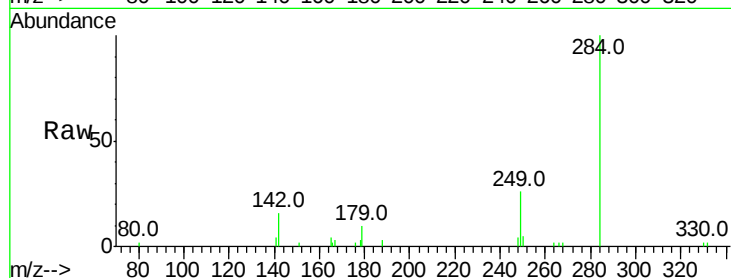
Tot Ion:284 Resp: 3964

Ion Ratio Lower Upper

284 100

142 40.4 22.1 33.1#

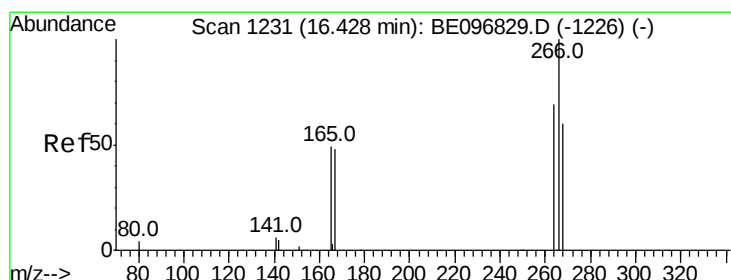
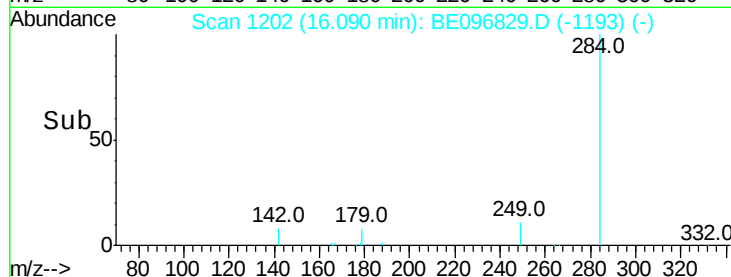
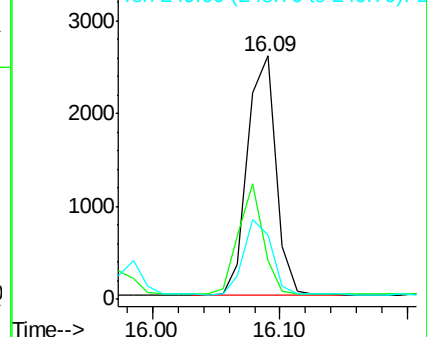
249 31.1 34.8 52.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.331 ng

RT: 16.43 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

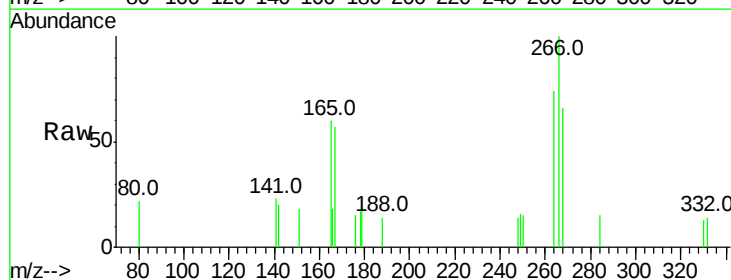
Tgt Ion:266 Resp: 550

Ion Ratio Lower Upper

266 100

264 73.7 72.5 108.7

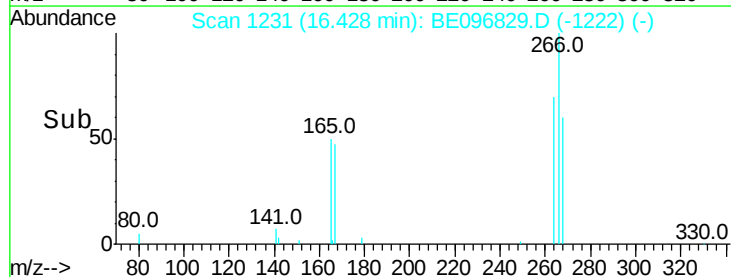
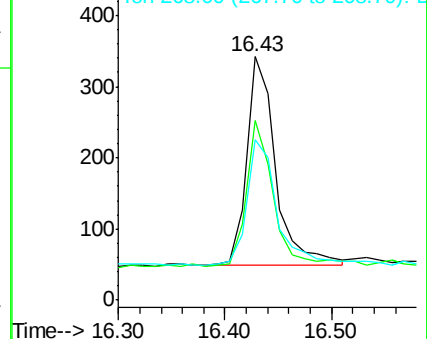
268 66.1 73.8 110.6#

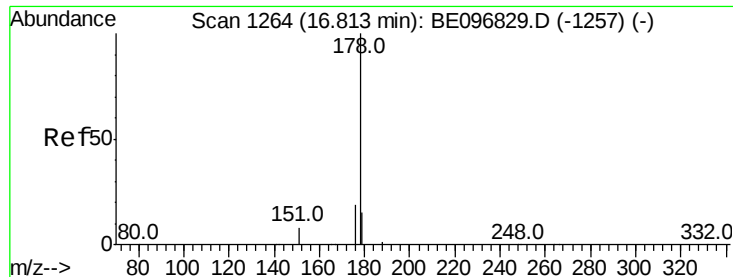


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

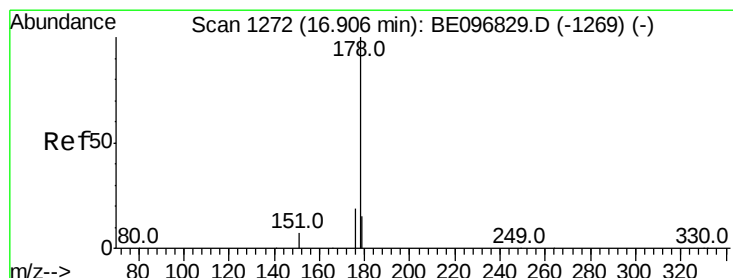
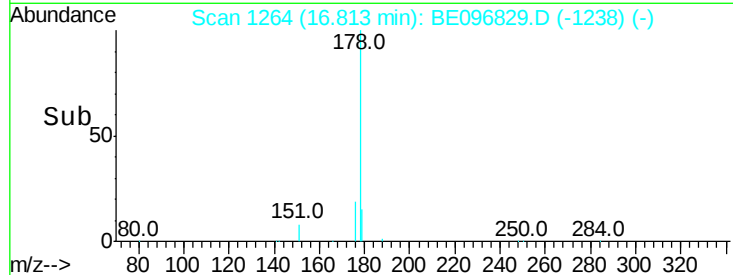
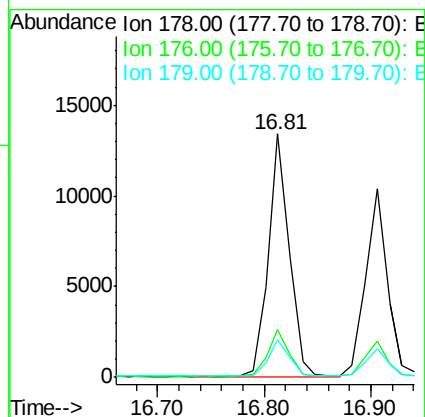
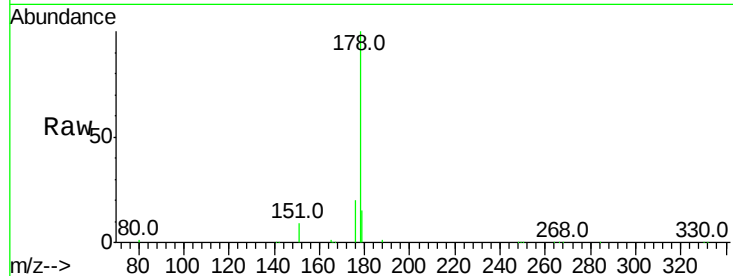




#23
Phenanthrene
Concen: 0.360 ng
RT: 16.81 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

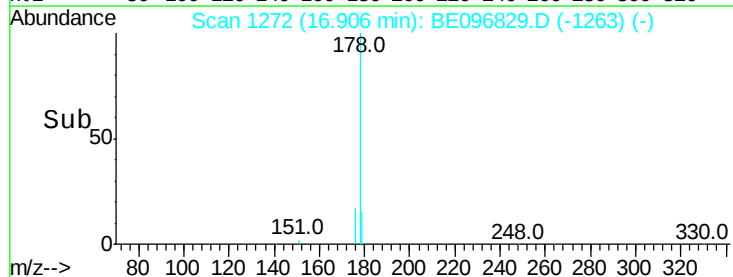
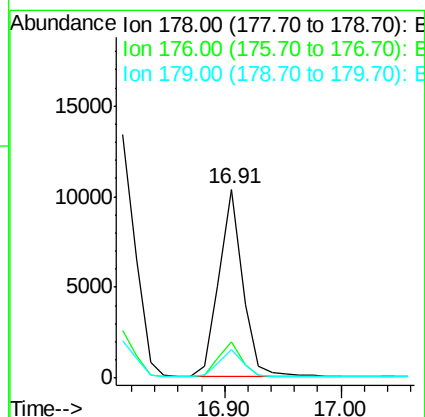
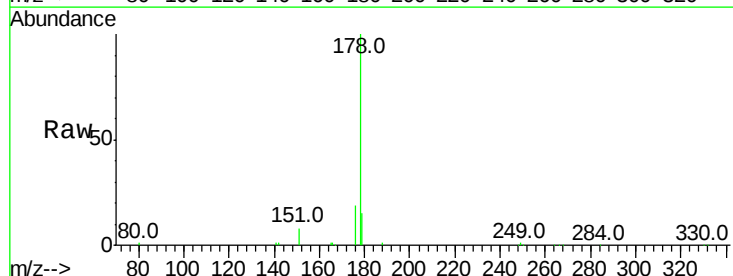
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:178 Resp: 18269
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.4 11.8 17.6



#24
Anthracene
Concen: 0.347 ng
RT: 16.91 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BE096829.D
Acq: 20 Jun 2018 10:59

Tgt Ion:178 Resp: 14464
Ion Ratio Lower Upper
178 100
176 19.3 12.8 19.2#
179 15.0 13.0 19.6





#25

Fluoranthene-d10

Concen: 0.344 ng

RT: 18.81 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

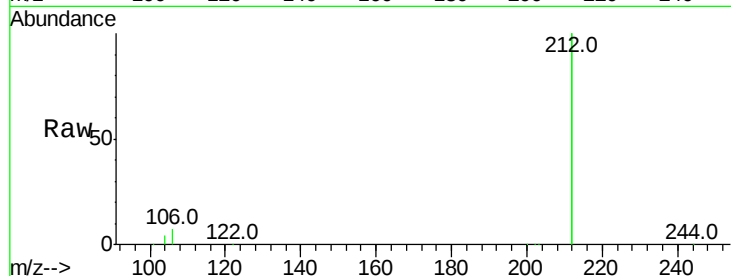
Tot Ion:212 Resp: 62874

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

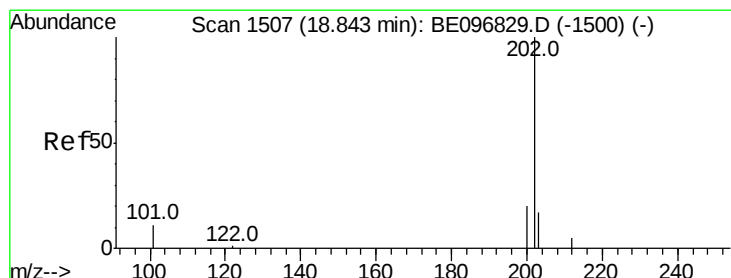
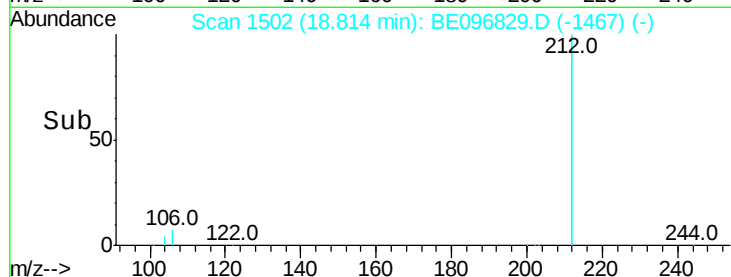
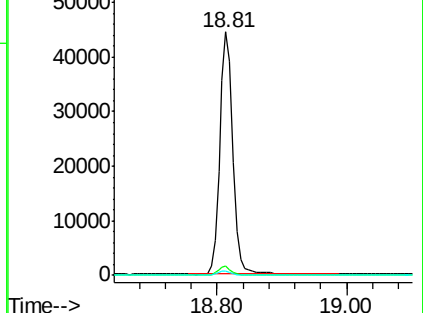
104 1.9 1.6 2.4



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: 0.350 ng

RT: 18.84 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

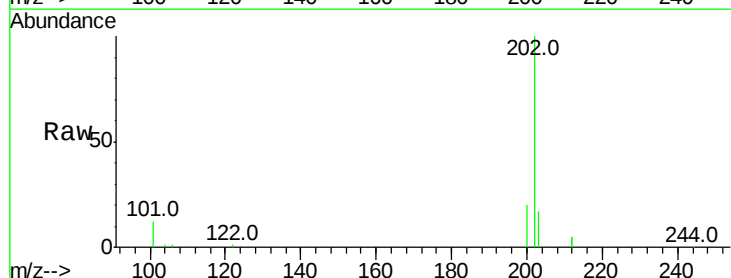
Tgt Ion:202 Resp: 18803

Ion Ratio Lower Upper

202 100

101 11.6 9.8 14.8

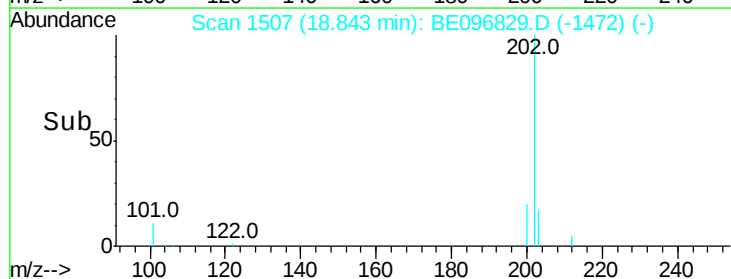
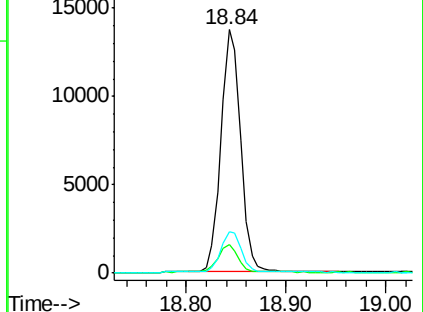
203 17.0 13.7 20.5



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

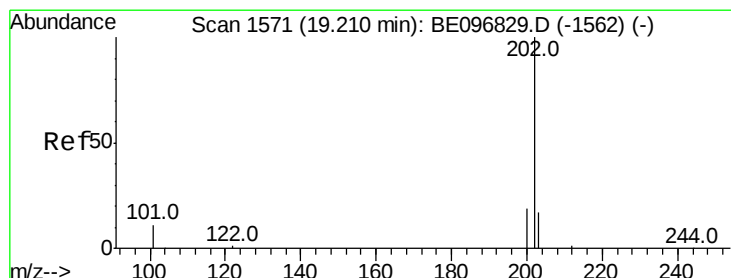
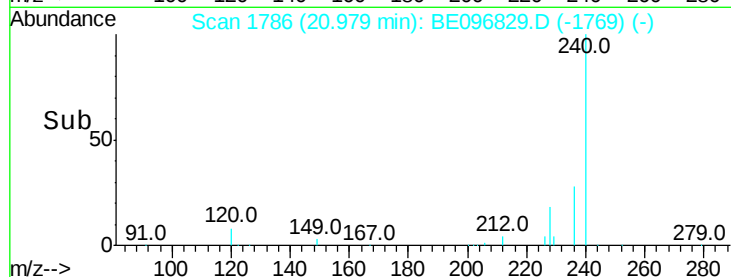
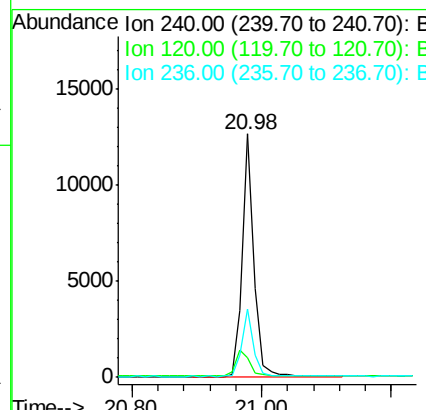
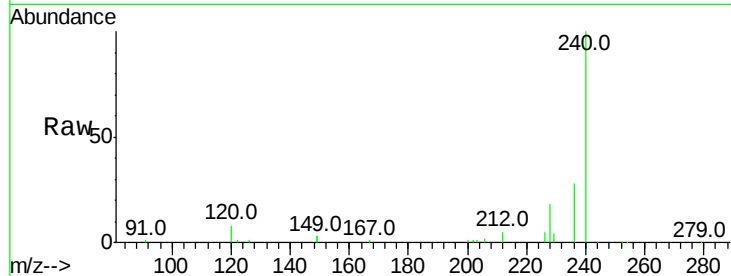




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.98 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BE096829.D
 Acq: 20 Jun 2018 10:59

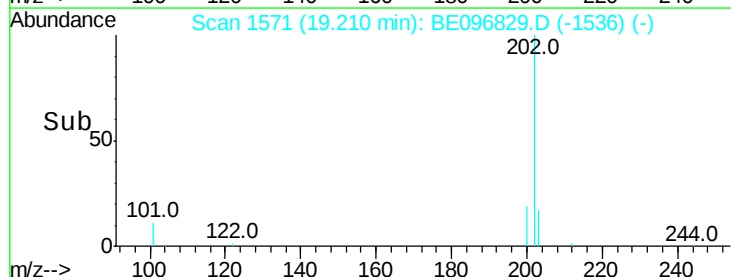
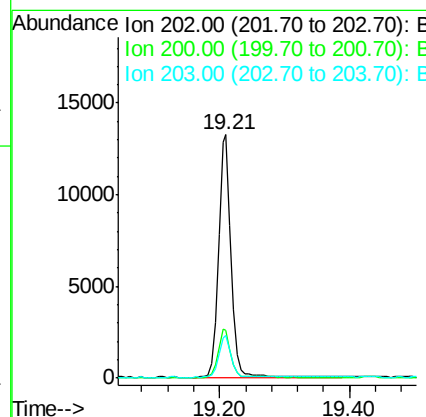
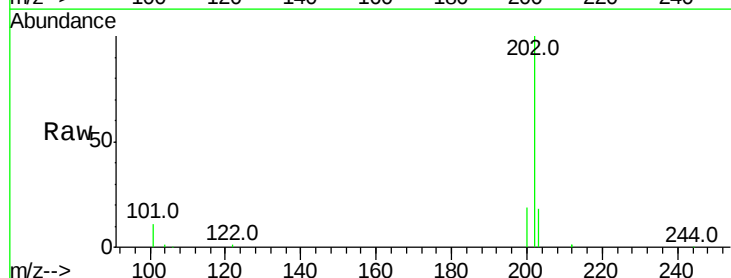
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

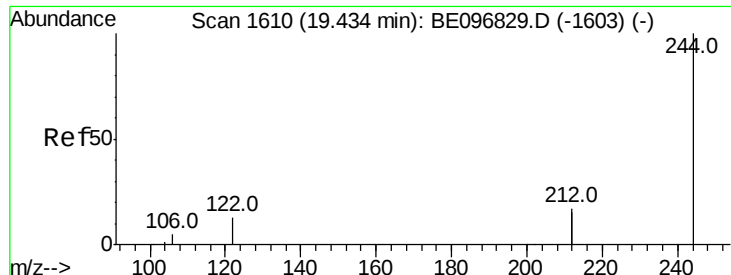
Tot Ion:240 Resp: 15944
 Ion Ratio Lower Upper
 240 100
 120 8.2 5.5 8.3
 236 28.0 20.7 31.1



#28
 Pyrene
 Concen: 0.346 ng
 RT: 19.21 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BE096829.D
 Acq: 20 Jun 2018 10:59

Tgt Ion:202 Resp: 18126
 Ion Ratio Lower Upper
 202 100
 200 19.7 16.6 25.0
 203 17.2 13.8 20.8





#29

Terphenyl-d14

Concen: 0.334 ng

RT: 19.43 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

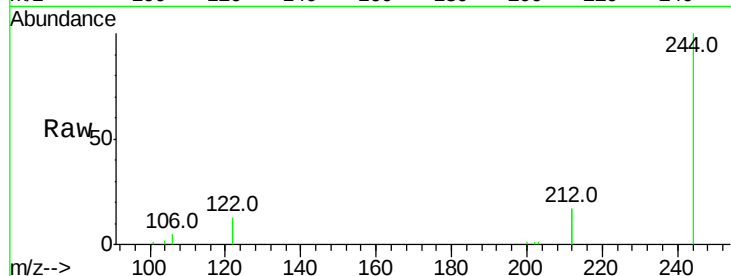
Tot Ion:244 Resp: 12072

Ion Ratio Lower Upper

244 100

212 33.8 25.4 38.0

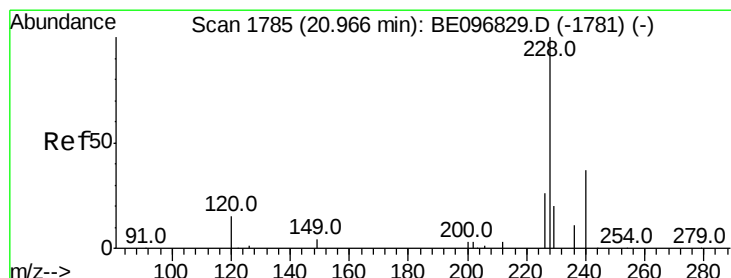
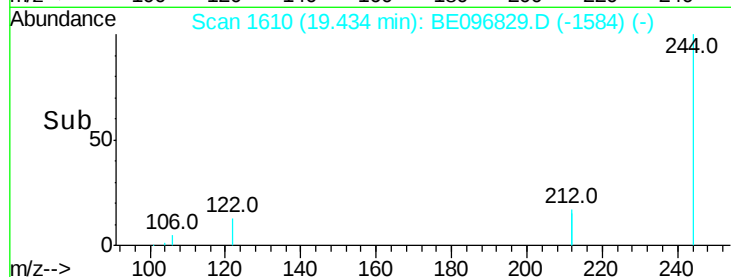
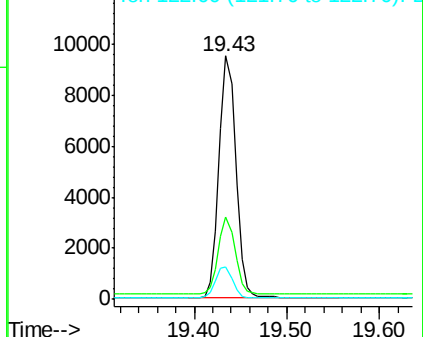
122 13.2 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.334 ng

RT: 20.97 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

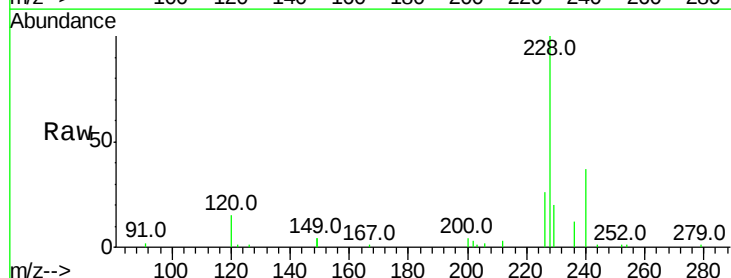
Tgt Ion:228 Resp: 12919

Ion Ratio Lower Upper

228 100

226 26.4 24.0 36.0

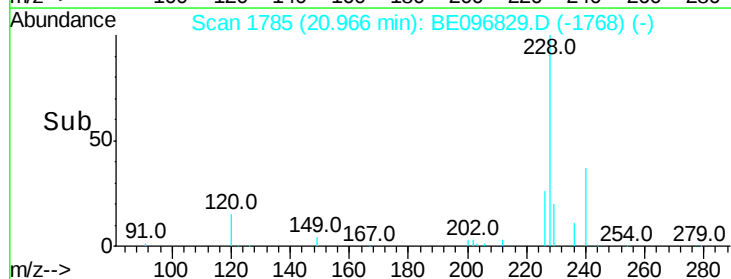
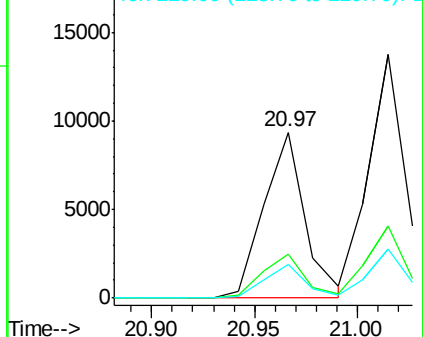
229 20.1 16.0 24.0

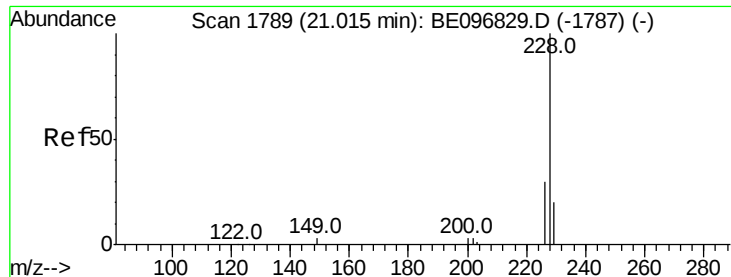


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.354 ng

RT: 21.01 min Scan# 1789

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

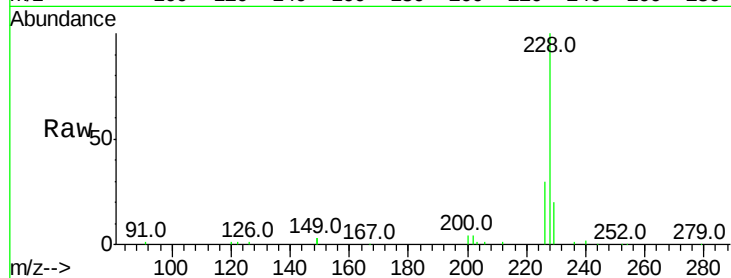
Tot Ion:228 Resp: 17239

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	20.1	16.0	24.0

228 100

226 29.8 24.0 36.0

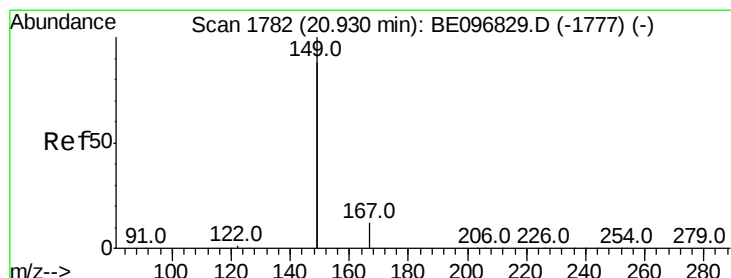
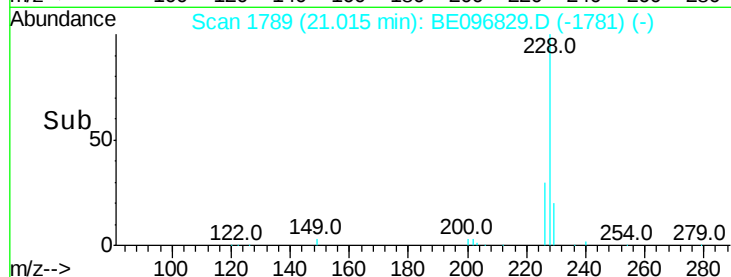
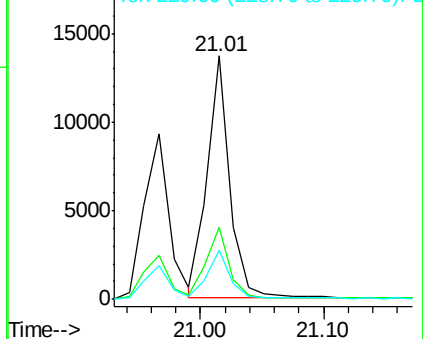
229 20.1 16.0 24.0



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: 0.390 ng

RT: 20.93 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

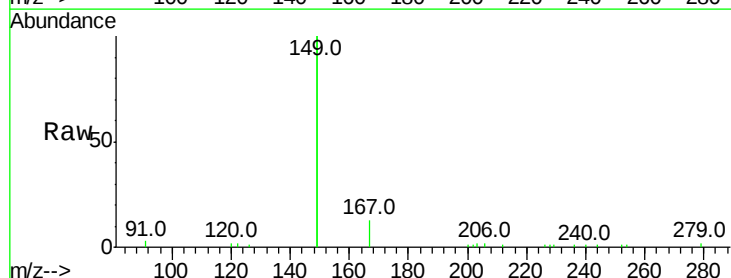
Tgt Ion:149 Resp: 11323

Ion	Ratio	Lower	Upper
149	100		
167	6.7	5.4	8.0
279	0.8	0.7	1.1

149 100

167 6.7 5.4 8.0

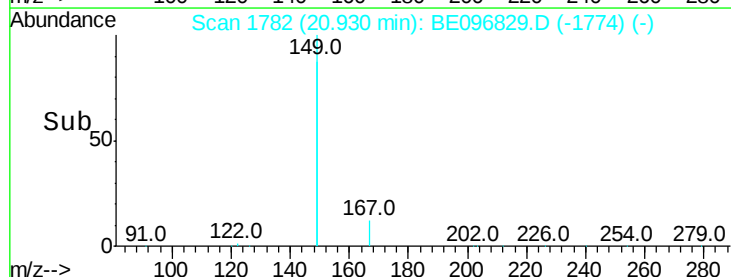
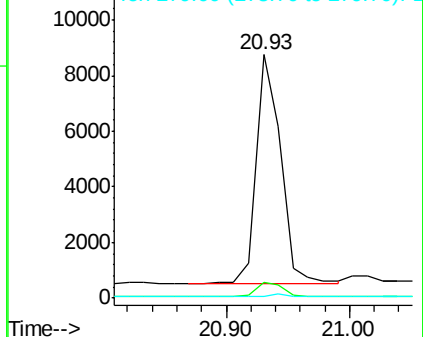
279 0.8 0.7 1.1



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: 0.328 ng

RT: 25.51 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

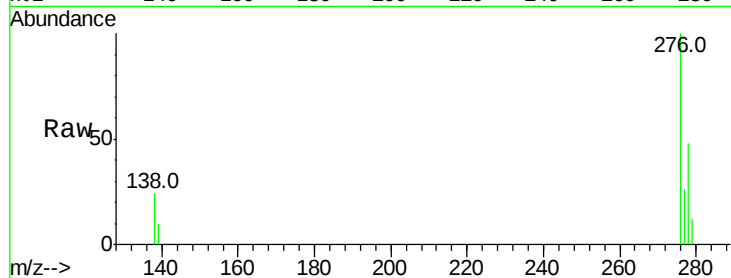
Tot Ion:276 Resp: 12000

Ion Ratio Lower Upper

276 100

138 24.3 22.5 33.7

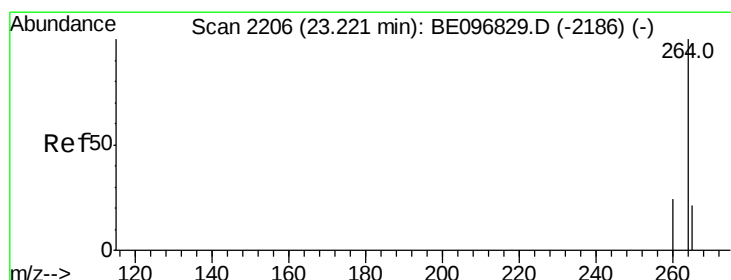
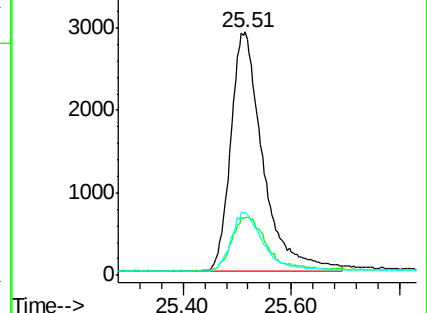
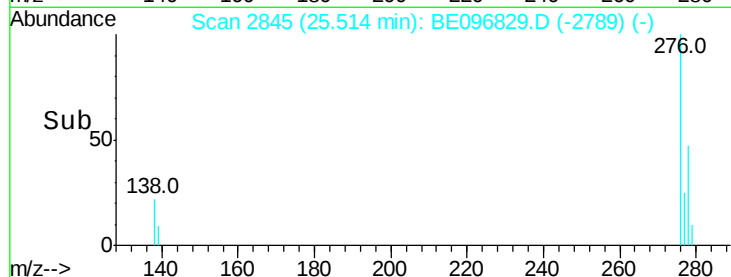
277 24.4 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.22 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

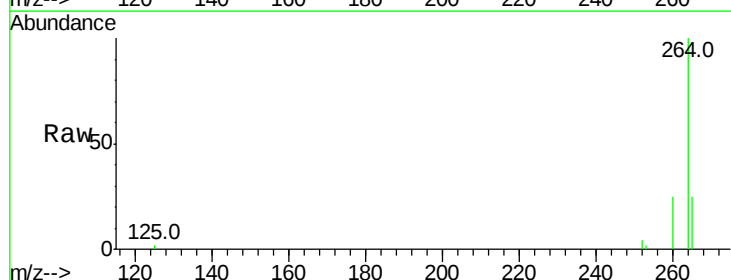
Tgt Ion:264 Resp: 12396

Ion Ratio Lower Upper

264 100

260 25.1 20.5 30.7

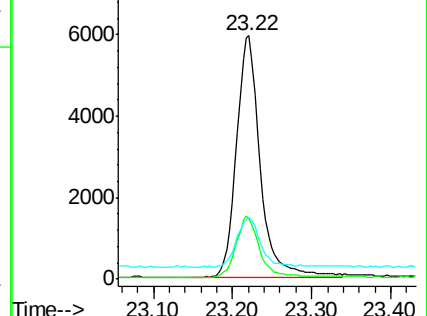
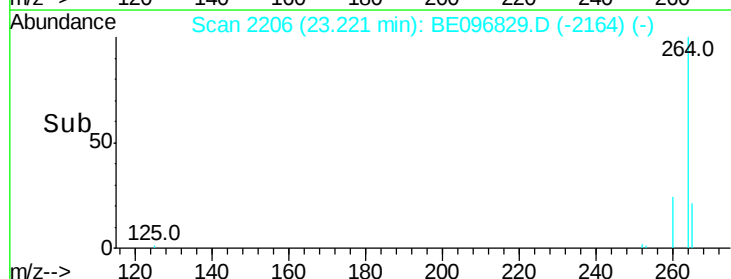
265 25.5 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.377 ng

RT: 22.54 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

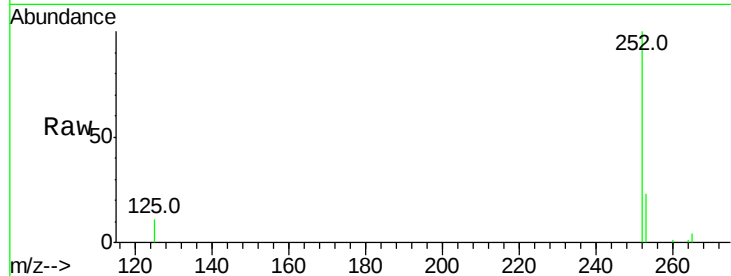
Tot Ion:252 Resp: 12843

Ion Ratio Lower Upper

252 100

253 22.5 20.0 30.0

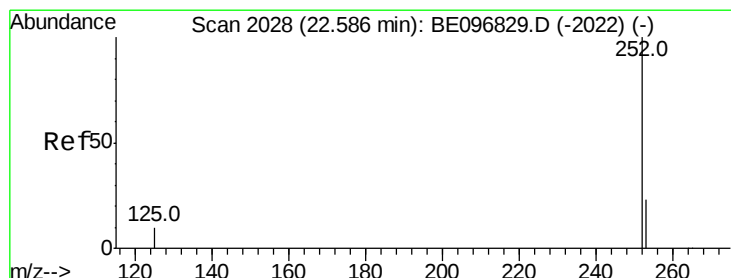
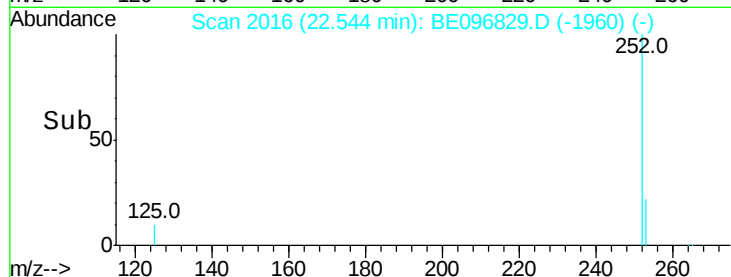
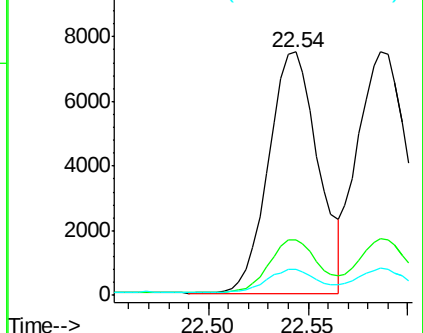
125 10.9 16.0 24.0#



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: 0.353 ng

RT: 22.59 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

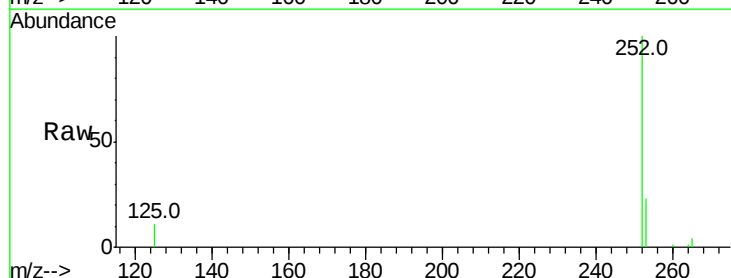
Tgt Ion:252 Resp: 14300

Ion Ratio Lower Upper

252 100

253 23.4 16.0 24.0

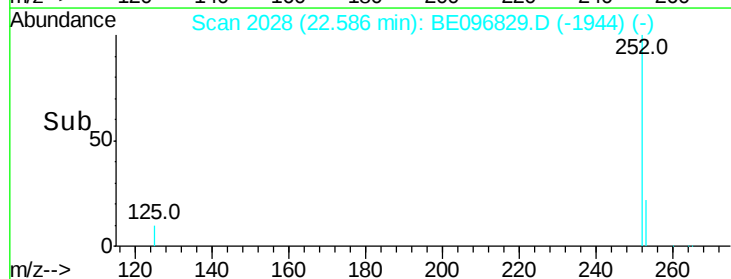
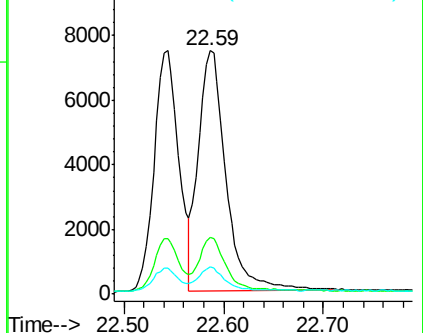
125 11.1 8.0 12.0

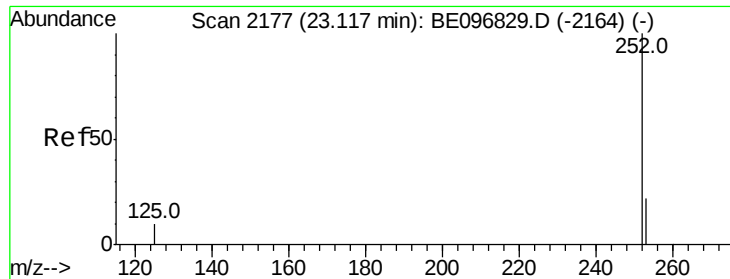


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.343 ng

RT: 23.12 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

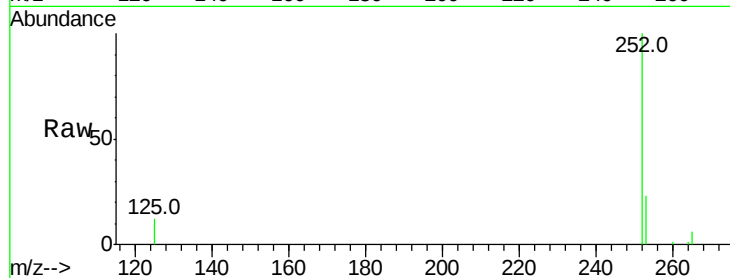
Tot Ion:252 Resp: 10144

Ion Ratio Lower Upper

252 100

253 23.1 16.0 24.0

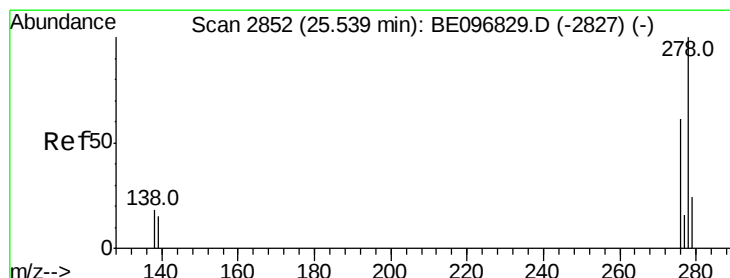
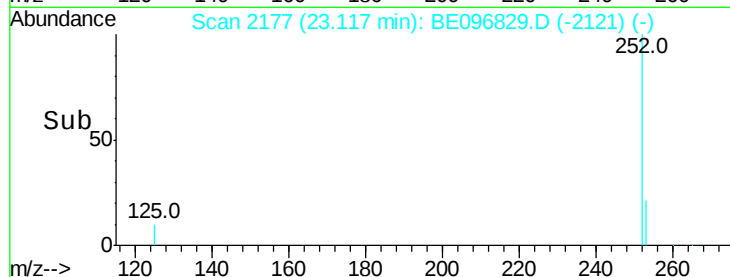
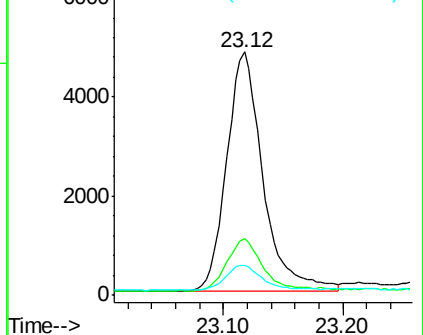
125 12.3 12.0 18.0



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: 0.354 ng

RT: 25.54 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

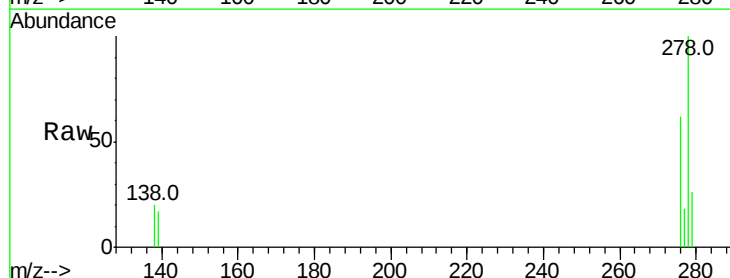
Tgt Ion:278 Resp: 10044

Ion Ratio Lower Upper

278 100

139 16.8 16.0 24.0

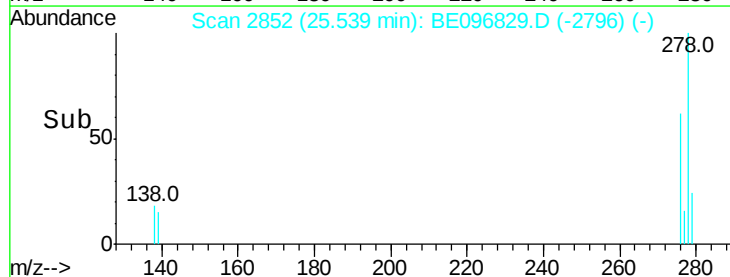
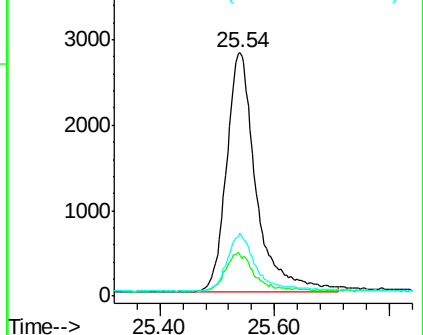
279 25.9 20.0 30.0



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: 0.356 ng

RT: 26.21 min Scan# 3040

Delta R.T. 0.00 min

Lab File: BE096829.D

Acq: 20 Jun 2018 10:59

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

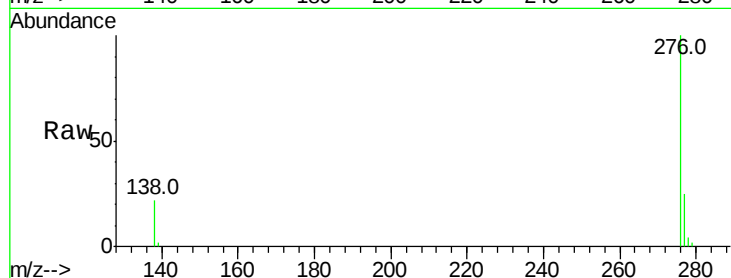
Tot Ion:276 Resp: 11175

Ion Ratio Lower Upper

276 100

277 24.8 16.0 24.0#

138 21.8 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

