

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051518\
 Data File : BE096577.D
 Acq On : 15 May 2018 13:45
 Operator : SJ/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 15 14:28:52 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 15 13:02:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	703	0.40	ng	0.00
7) Naphthalene-d8	11.16	136	2943	0.40	ng	-0.01
13) Acenaphthene-d10	14.92	164	1613	0.40	ng	0.00
19) Phenanthrene-d10	17.64	188	3693	0.40	ng	0.00
27) Chrysene-d12	21.73	240	3467	0.40	ng	0.00
34) Perylene-d12	24.33	264	3258	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.84	112	755	0.39	ng	-0.01
5) Phenol-d6	7.49	99	1037	0.38	ng	-0.01
8) Nitrobenzene-d5	9.53	82	1136	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.72	152	1745	0.36	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	242	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	2722	0.39	ng	0.00
25) Fluoranthene-d10	19.62	212	16736	0.37	ng	0.00
29) Terphenyl-d14	20.18	244	3015	0.38	ng	0.00

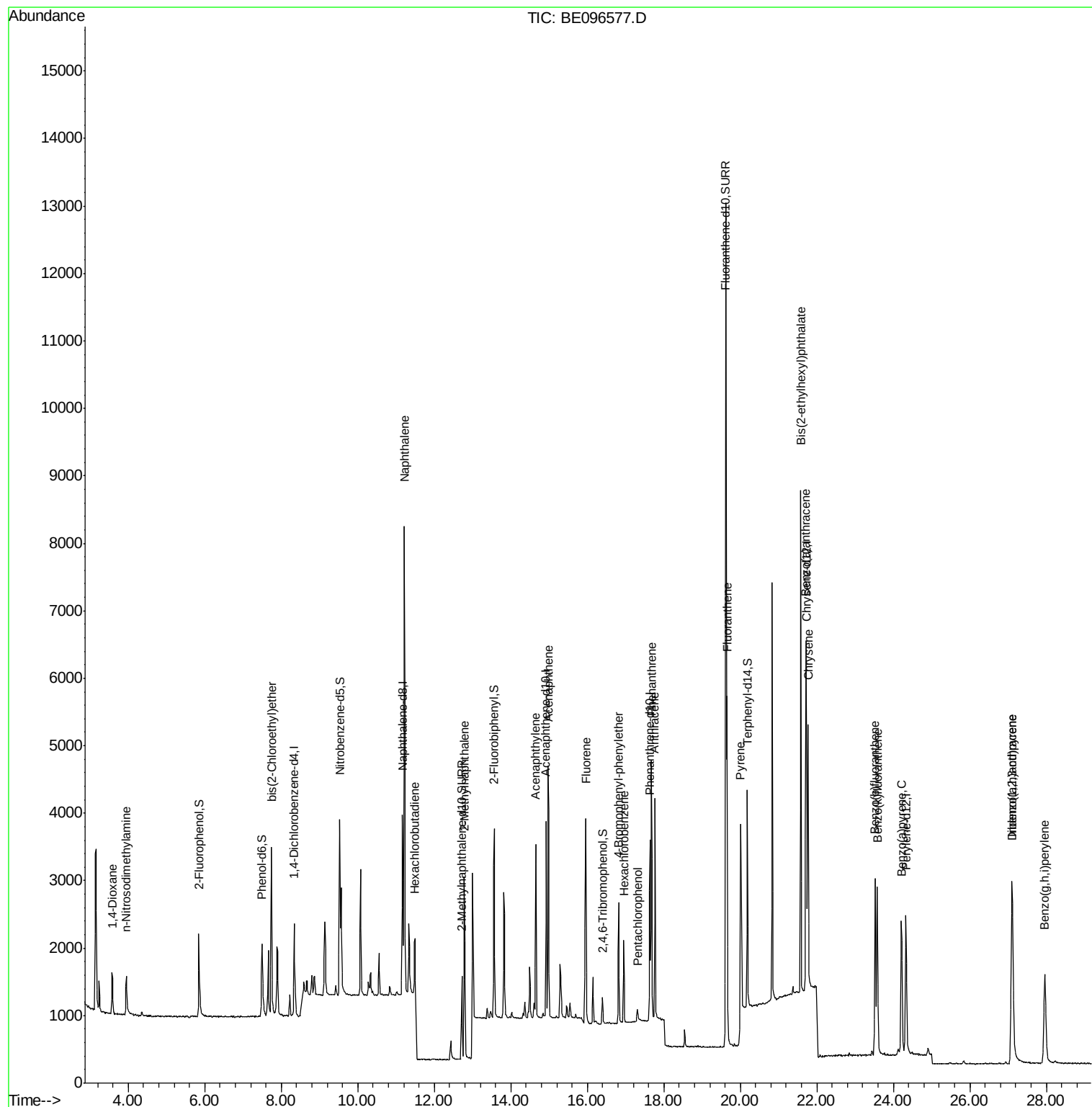
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.58	88	415	0.394	ng	# 88
3) n-Nitrosodimethylamine	3.95	42	511	0.388	ng	# 80
6) bis(2-Chloroethyl)ether	7.74	93	977	0.381	ng	94
9) Naphthalene	11.22	128	11448	0.370	ng	99
10) Hexachlorobutadiene	11.49	225	694	0.401	ng	96
12) 2-Methylnaphthalene	12.79	142	1921	0.362	ng	95
16) Acenaphthylene	14.65	152	3141	0.373	ng	99
17) Acenaphthene	14.98	154	1956	0.381	ng	94
18) Fluorene	15.96	166	2942	0.461	ng	# 76
20) 4-Bromophenyl-phenylether	16.82	248	817	0.365	ng	# 78
21) Hexachlorobenzene	16.95	284	857	0.367	ng	# 79
22) Pentachlorophenol	17.31	266	148	0.379	ng	89
23) Phenanthrene	17.67	178	3916	0.378	ng	99
24) Anthracene	17.77	178	3533	0.366	ng	95
26) Fluoranthene	19.65	202	4610	0.372	ng	# 97
28) Pyrene	20.00	202	2253	0.360	ng	96
30) Benzo(a)anthracene	21.72	228	3980	0.373	ng	97
31) Chrysene	21.78	228	4314	0.389	ng	99
32) Bis(2-ethylhexyl)phthalate	21.58	149	8123	0.356	ng	# 100
33) Indeno(1,2,3-cd)pyrene	27.10	276	4048	0.381	ng	# 93
35) Benzo(b)fluoranthene	23.52	252	3779	0.376	ng	# 90
36) Benzo(k)fluoranthene	23.58	252	3965	0.373	ng	# 92
37) Benzo(a)pyrene	24.21	252	3639	0.379	ng	# 90
38) Dibenzo(a,h)anthracene	27.11	278	3277	0.373	ng	94
39) Benzo(g,h,i)perylene	27.96	276	3458	0.376	ng	# 92

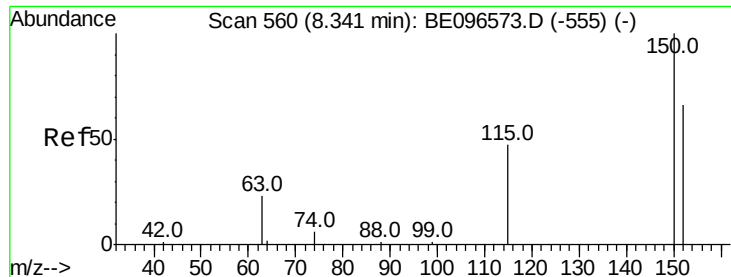
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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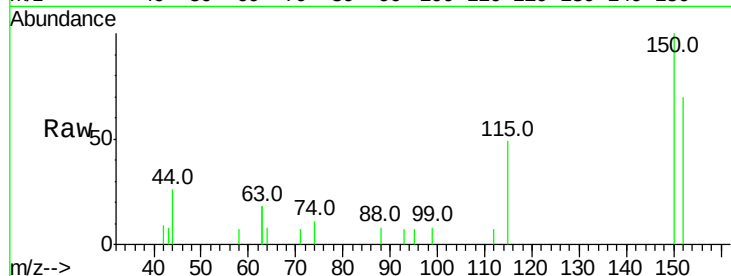


#1

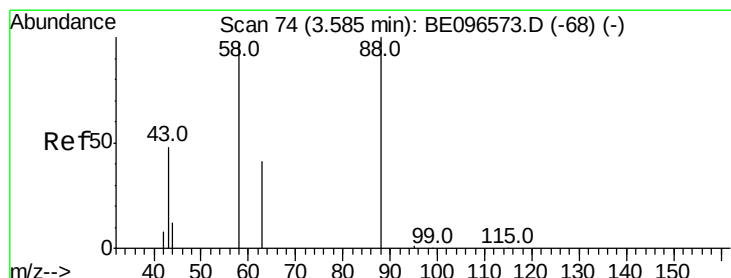
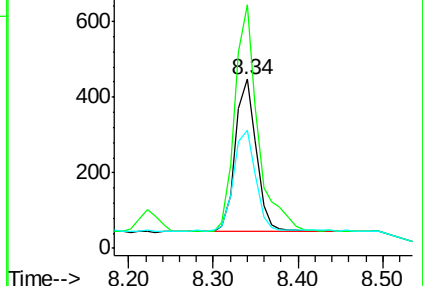
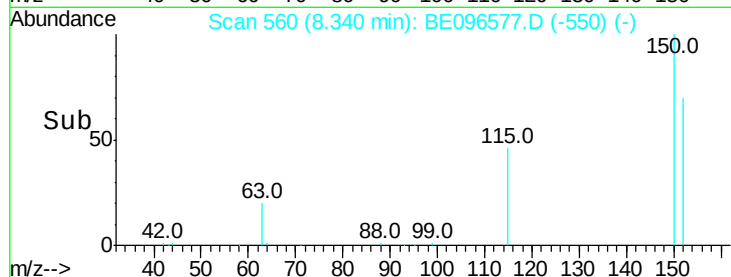
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.34 min Scan# 560
Delta R.T. -0.00 min
Lab File: BE096577.D
Acq: 15 May 2018 13:45

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 703
Ion Ratio Lower Upper
152 100
150 143.8 117.2 175.8
115 70.1 57.0 85.6



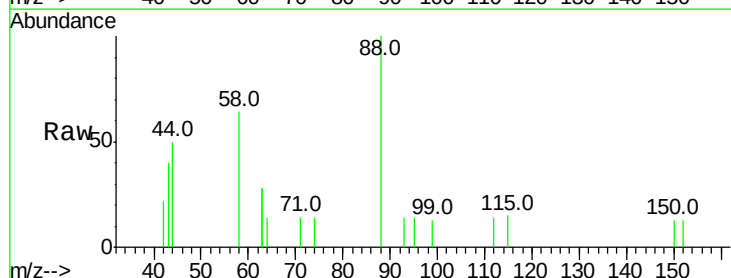
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



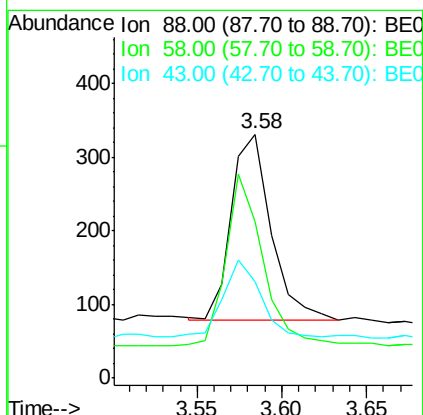
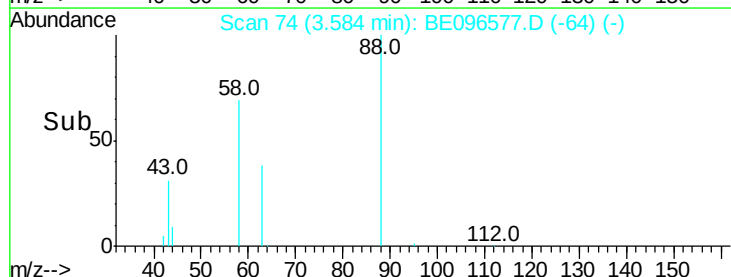
#2

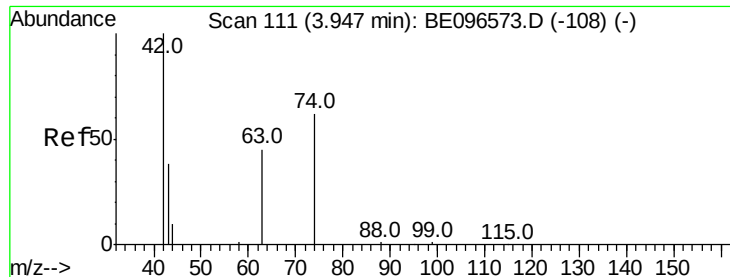
1,4-Dioxane
Concen: 0.394 ng
RT: 3.58 min Scan# 74
Delta R.T. -0.00 min
Lab File: BE096577.D
Acq: 15 May 2018 13:45

Tgt Ion: 88 Resp: 415
Ion Ratio Lower Upper
88 100
58 85.5 63.2 94.8
43 38.1 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



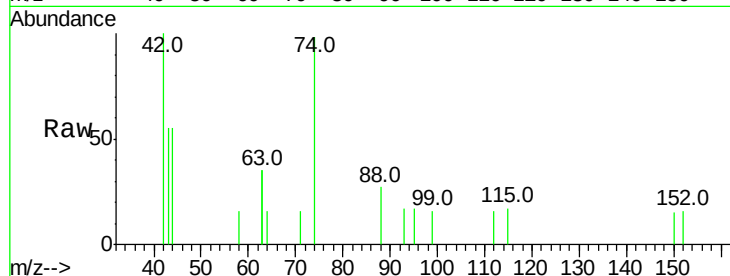


#3

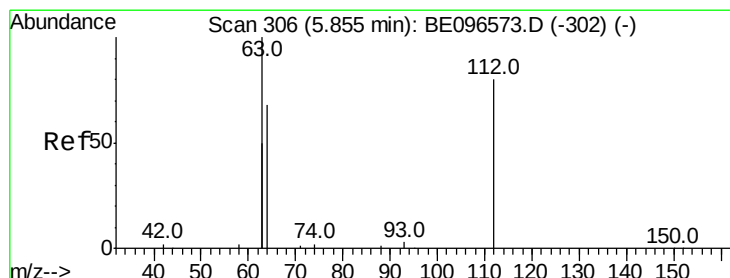
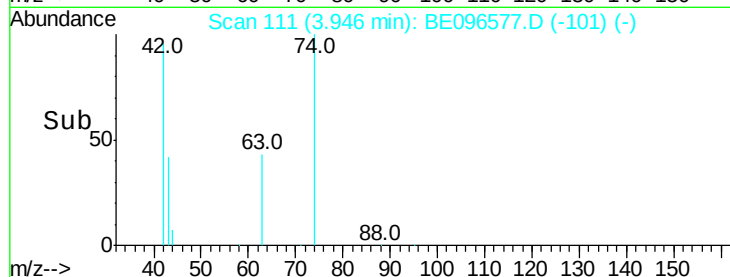
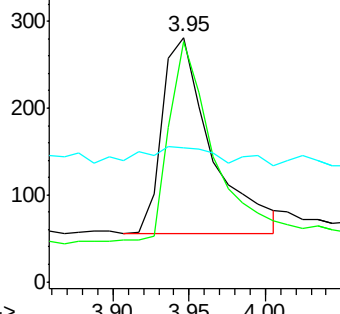
n-Nitrosodimethylamine
 Concen: 0.388 ng
 RT: 3.95 min Scan# 111
 Delta R.T. -0.00 min
 Lab File: BE096577.D
 Acq: 15 May 2018 13:45

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion: 42 Resp: 511
 Ion Ratio Lower Upper
 42 100
 74 95.9 96.0 144.0#
 44 11.7 12.0 18.0#



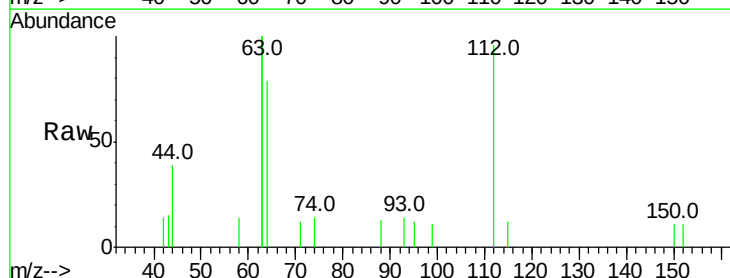
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



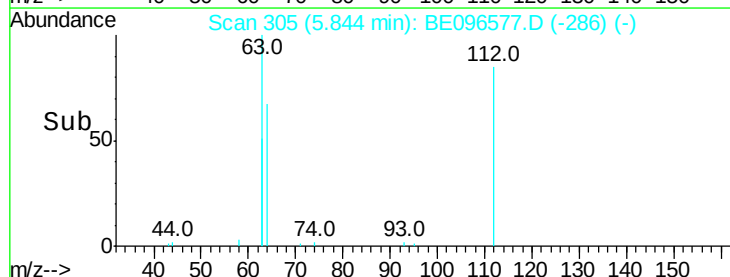
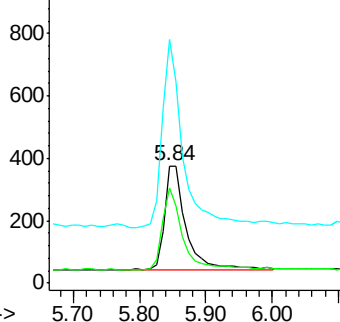
#4

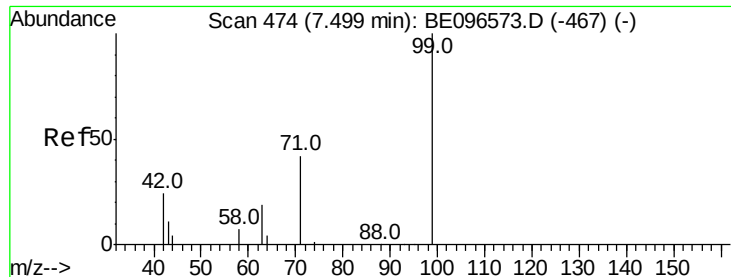
2-Fluorophenol
 Concen: 0.389 ng
 RT: 5.84 min Scan# 305
 Delta R.T. -0.01 min
 Lab File: BE096577.D
 Acq: 15 May 2018 13:45

Tgt Ion: 112 Resp: 755
 Ion Ratio Lower Upper
 112 100
 64 74.3 60.1 90.1
 63 173.4 116.8 175.2



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





#5

Phenol-d6

Concen: 0.378 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.01 min

Lab File: BE096577.D

Acq: 15 May 2018 13:45

Instrument :

BNA_E

ClientSampleId :

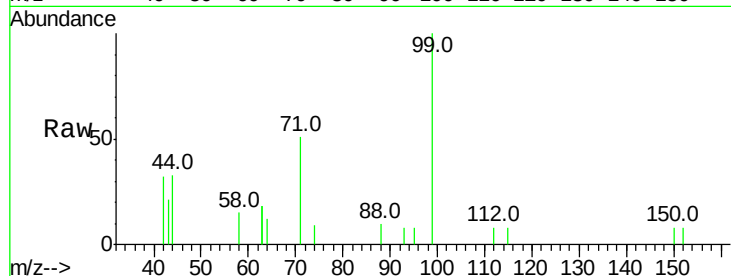
Tot Ion: 99 Resp: 1037

Ion Ratio Lower Upper

99 100

42 26.2 20.2 30.2

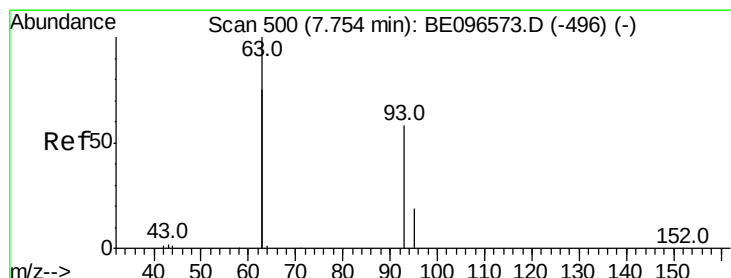
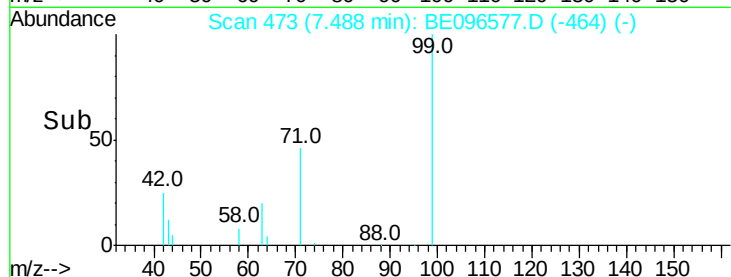
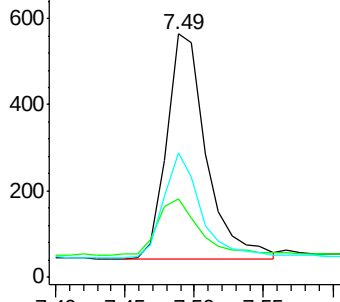
71 44.4 28.4 42.6#



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: 0.381 ng

RT: 7.74 min Scan# 499

Delta R.T. -0.01 min

Lab File: BE096577.D

Acq: 15 May 2018 13:45

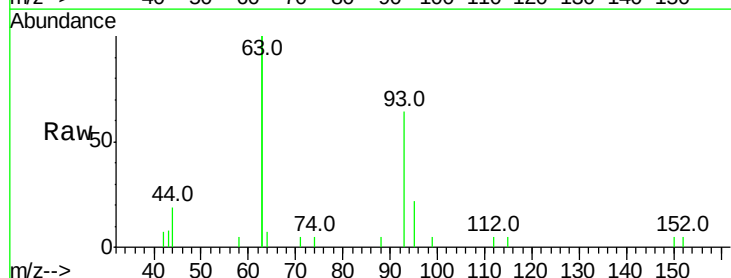
Tgt Ion: 93 Resp: 977

Ion Ratio Lower Upper

93 100

63 329.6 275.3 412.9

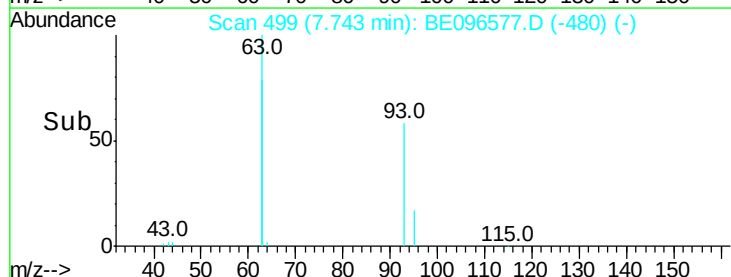
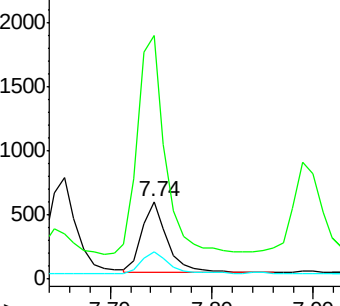
95 31.6 25.2 37.8

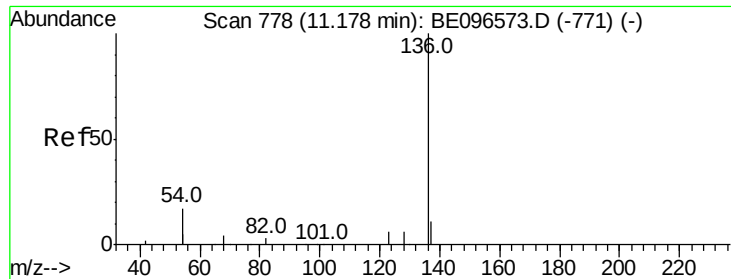


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 11.16 min Scan# 777

Delta R.T. -0.01 min

Lab File: BE096577.D

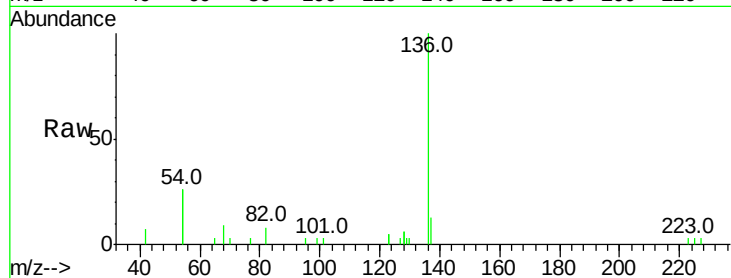
Acq: 15 May 2018 13:45

Instrument :

BNA_E

ClientSampled :

Tot Ion:	136	Resp:	2943
Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.5	14.3
54	51.0	29.1	43.7
68	9.1	6.2	9.2

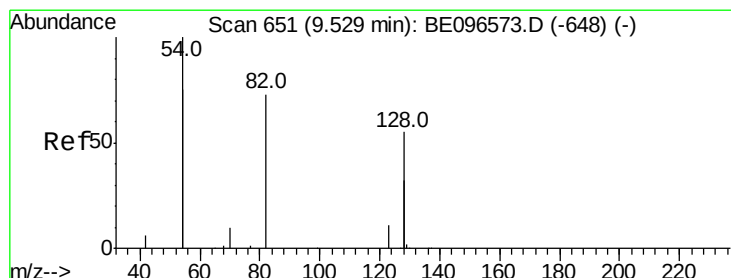
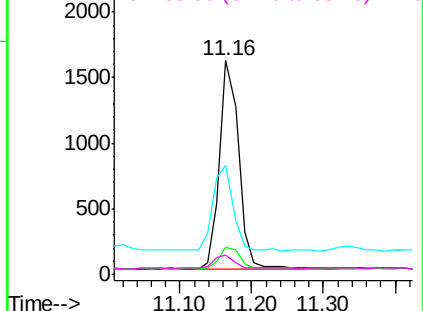
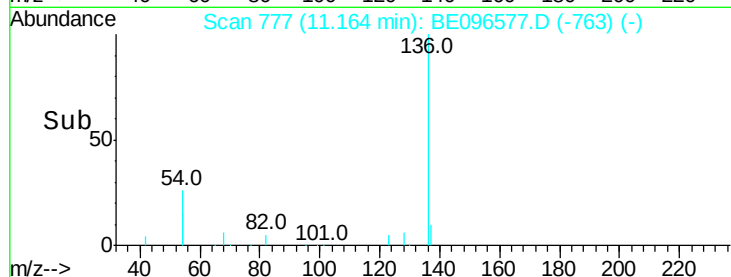


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.363 ng

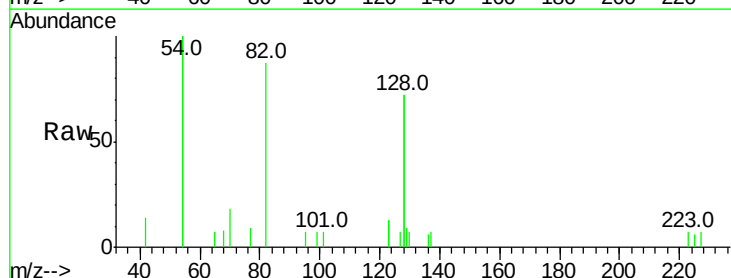
RT: 9.53 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE096577.D

Acq: 15 May 2018 13:45

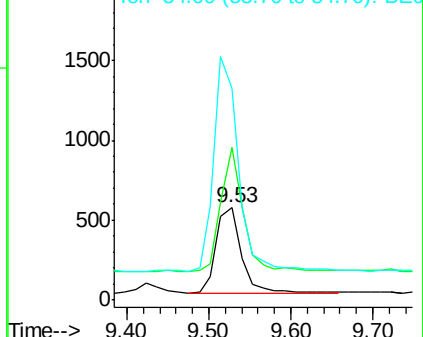
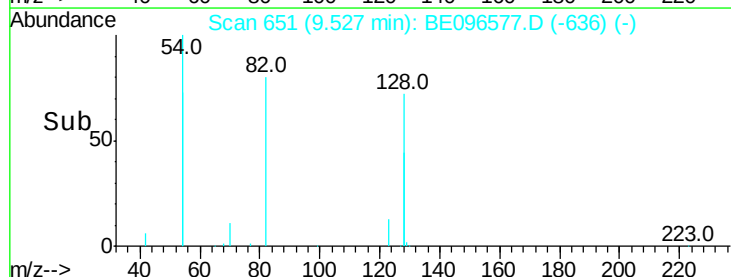
Tgt Ion:	82	Resp:	1136
Ion	Ratio	Lower	Upper
82	100		
128	165.3	150.0	225.0
54	230.2	154.2	231.4

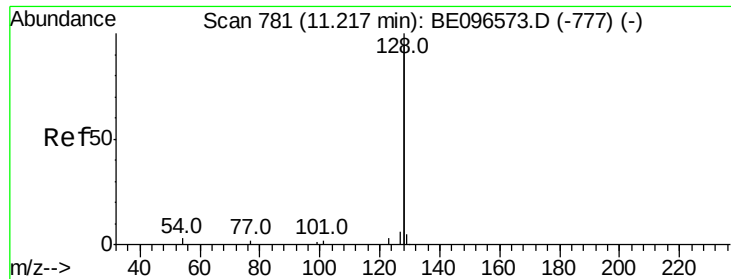


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

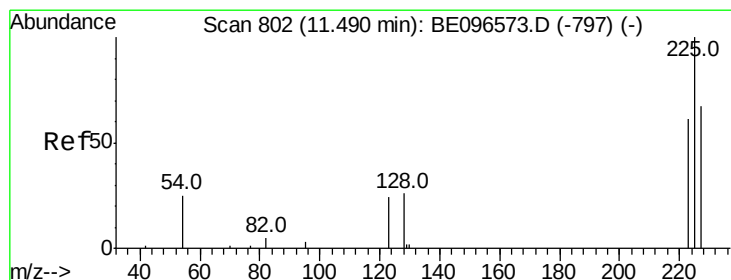
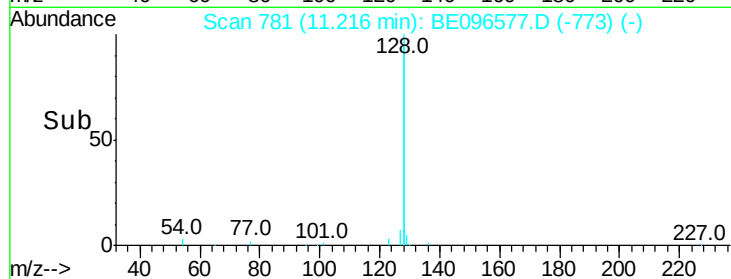
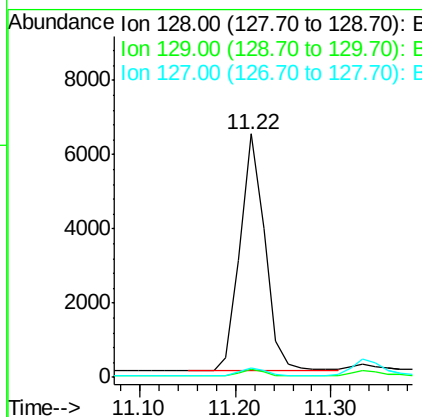
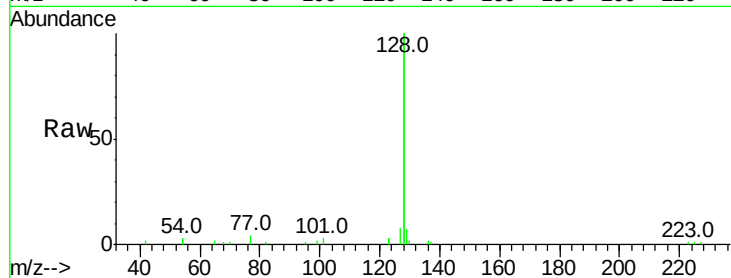




#9
Naphthalene
Concen: 0.370 ng
RT: 11.22 min Scan# 781
Delta R.T. -0.00 min
Lab File: BE096577.D
Acq: 15 May 2018 13:45

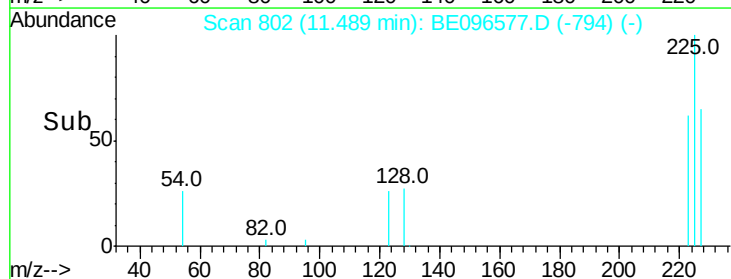
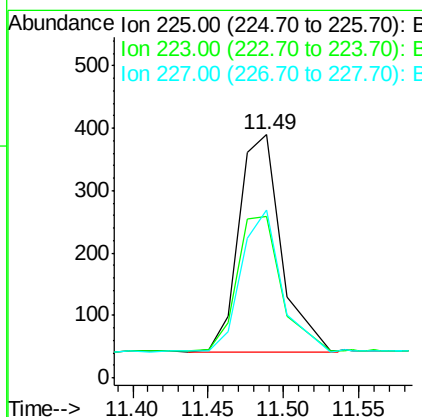
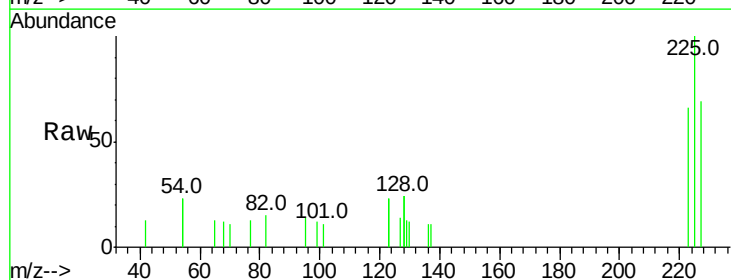
Instrument :
BNA_E
ClientSampleId :

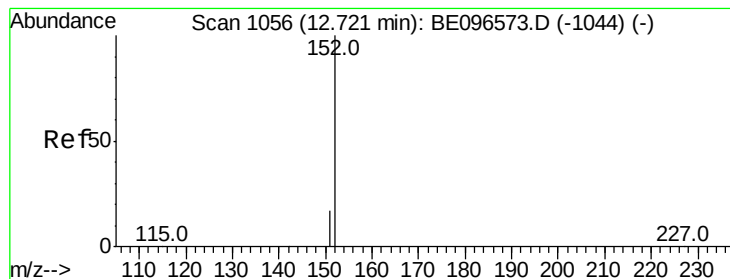
Tot Ion:128 Resp: 11448
Ion Ratio Lower Upper
128 100
129 3.4 2.6 3.8
127 4.0 2.8 4.2



#10
Hexachlorobutadiene
Concen: 0.401 ng
RT: 11.49 min Scan# 802
Delta R.T. -0.00 min
Lab File: BE096577.D
Acq: 15 May 2018 13:45

Tgt Ion:225 Resp: 694
Ion Ratio Lower Upper
225 100
223 64.3 53.0 79.6
227 60.5 51.4 77.2





#11

2-Methylnaphthalene-d10

Concen: 0.363 ng

RT: 12.72 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BE096577.D

Acq: 15 May 2018 13:45

Instrument :

BNA_E

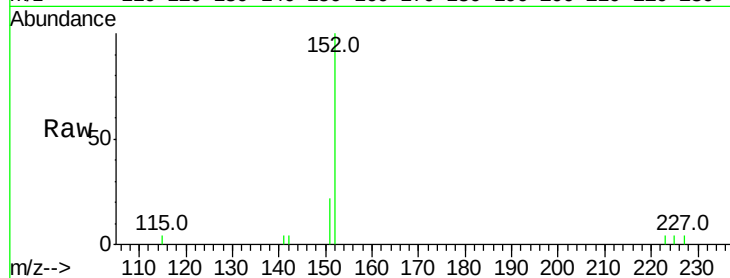
ClientSampleId :

Tot Ion:152 Resp: 1745

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

1200

1000

800

600

400

200

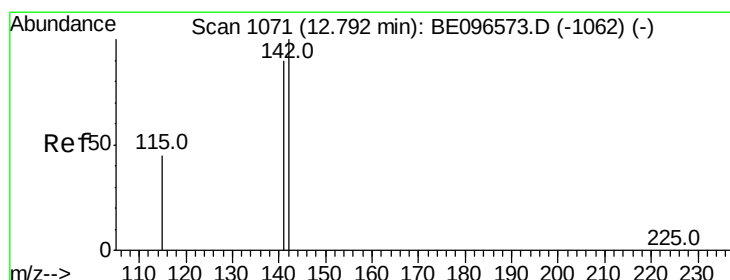
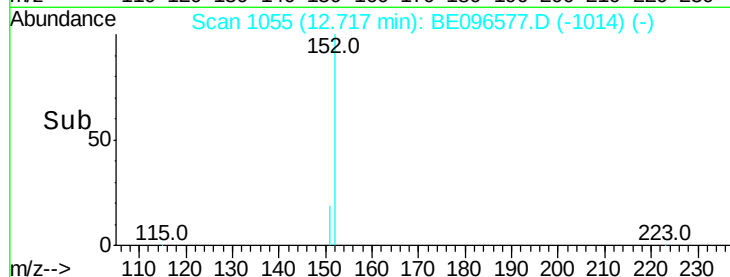
0

12.72

12.70

12.80

Time-->



#12

2-Methylnaphthalene

Concen: 0.362 ng

RT: 12.79 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BE096577.D

Acq: 15 May 2018 13:45

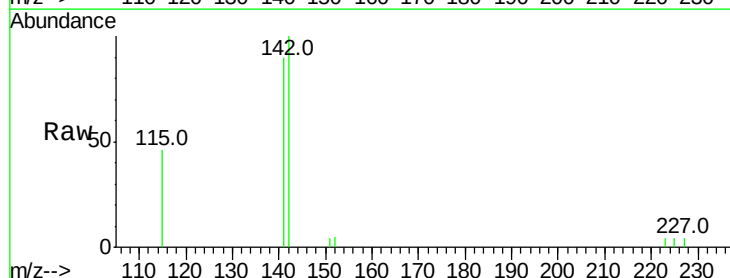
Tgt Ion:142 Resp: 1921

Ion Ratio Lower Upper

142 100

141 90.1 70.4 105.6

115 46.2 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

1500

1000

500

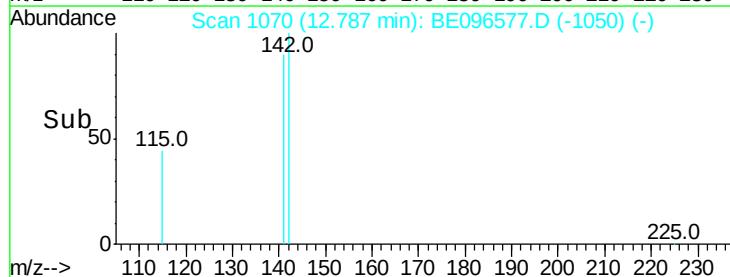
0

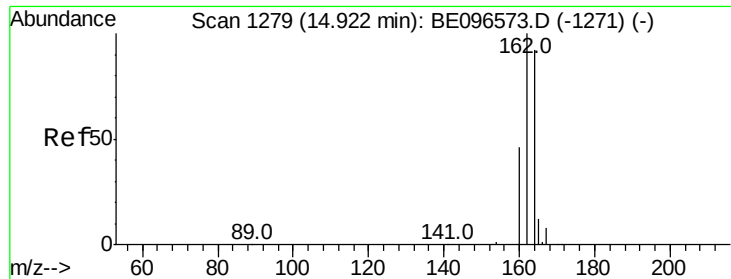
12.79

12.75

12.85

Time-->

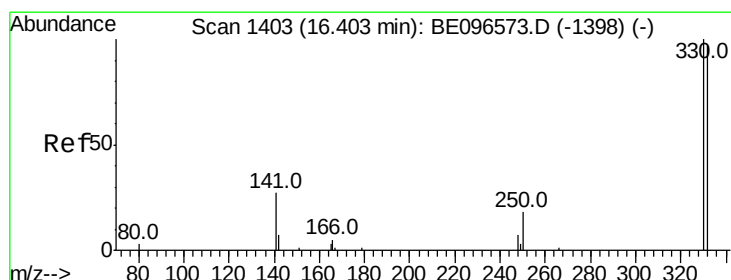
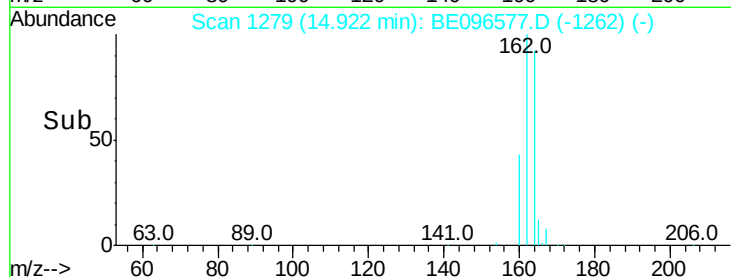
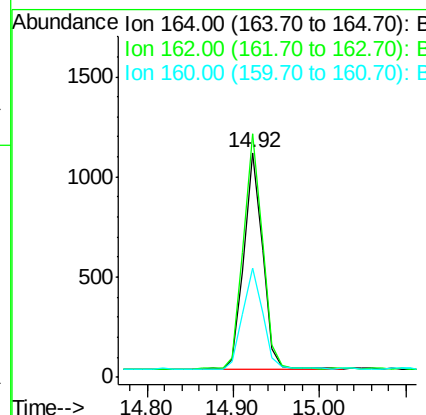
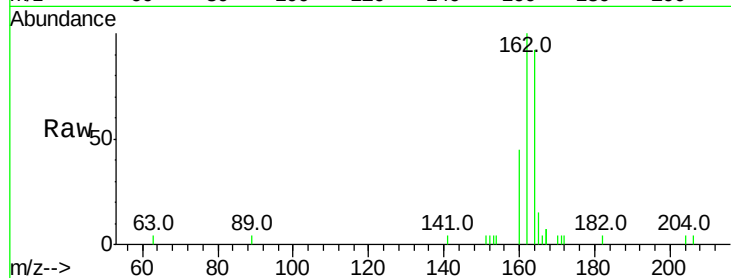




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.92 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BE096577.D
 Acq: 15 May 2018 13:45

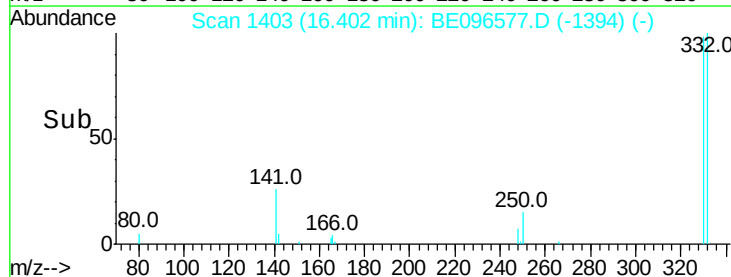
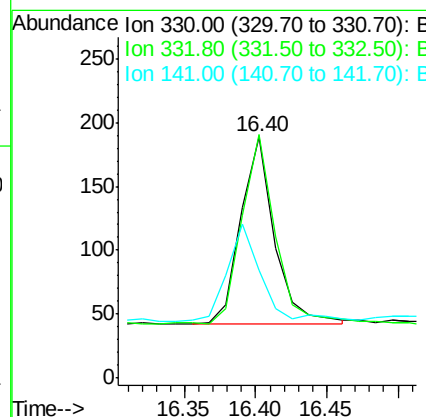
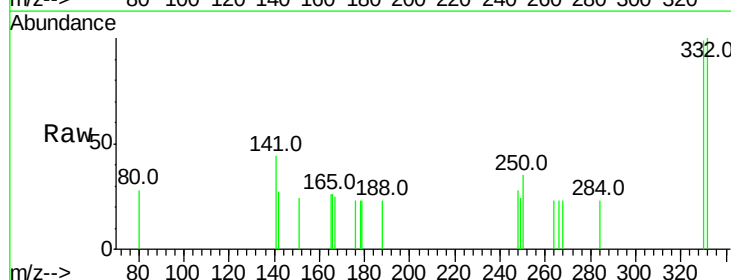
Instrument :
 BNA_E
 ClientSampleId :

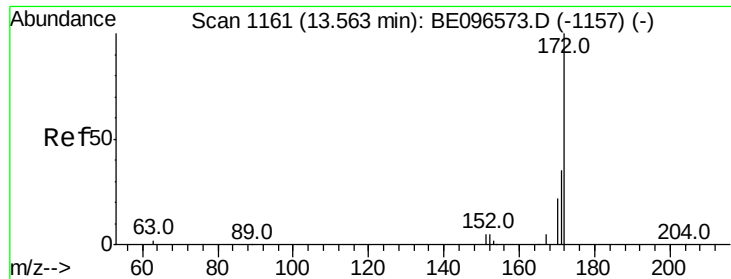
Tot Ion:164 Resp: 1613
 Ion Ratio Lower Upper
 164 100
 162 108.5 83.1 124.7
 160 48.6 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.380 ng
 RT: 16.40 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BE096577.D
 Acq: 15 May 2018 13:45

Tgt Ion:330 Resp: 242
 Ion Ratio Lower Upper
 330 100
 332 100.4 152.7 229.1#
 141 52.1 33.7 50.5#

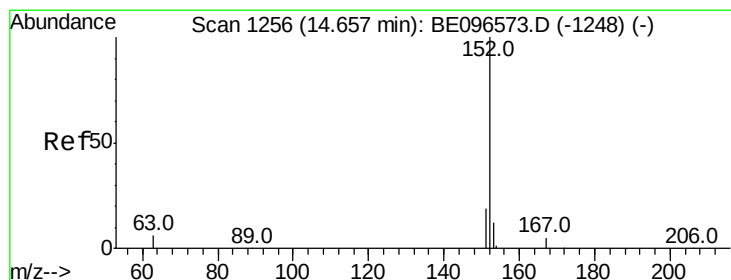
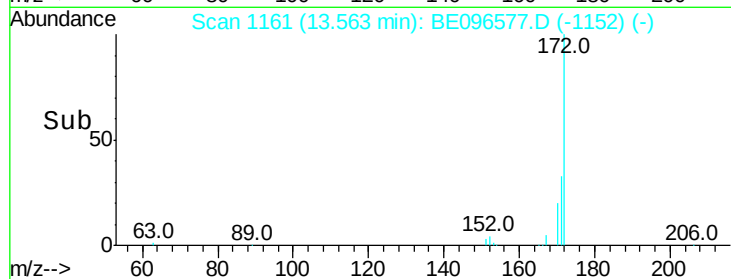
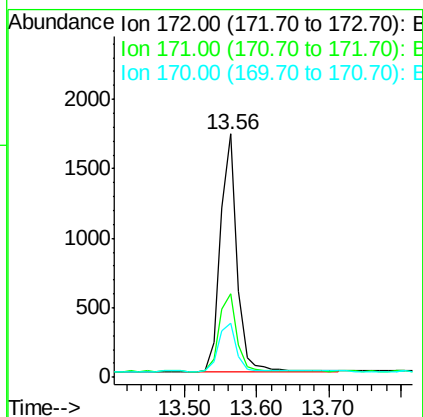
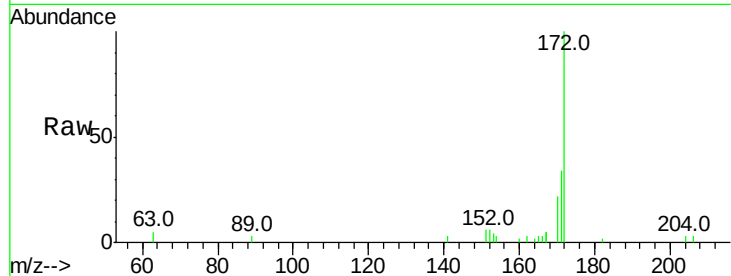




#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 13.56 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BE096577.D
Acq: 15 May 2018 13:45

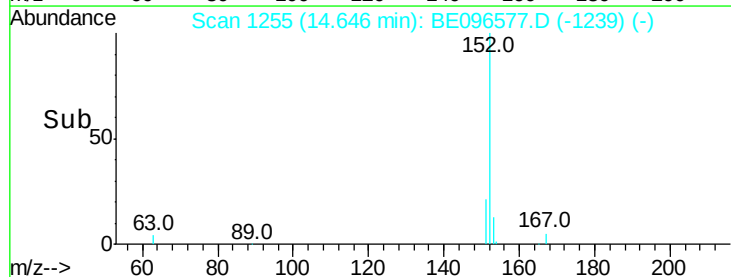
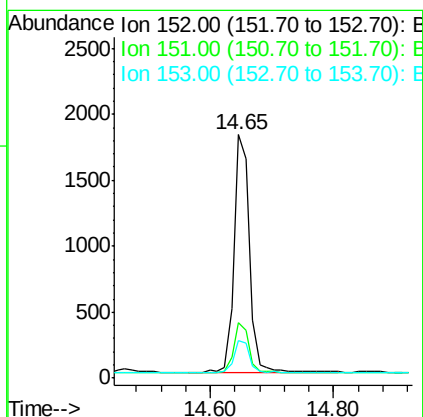
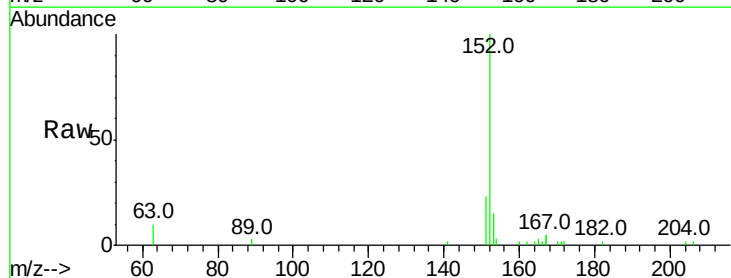
Instrument :
BNA_E
ClientSampleId :

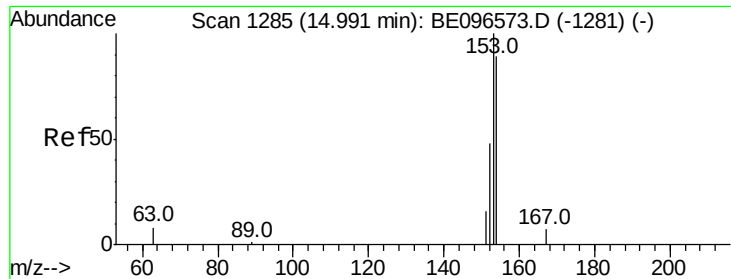
Tot Ion:172 Resp: 2722
Ion Ratio Lower Upper
172 100
171 34.4 29.9 44.9
170 22.4 21.8 32.8



#16
Acenaphthylene
Concen: 0.373 ng
RT: 14.65 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BE096577.D
Acq: 15 May 2018 13:45

Tgt Ion:152 Resp: 3141
Ion Ratio Lower Upper
152 100
151 20.5 15.7 23.5
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 0.381 ng

RT: 14.98 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BE096577.D

Acq: 15 May 2018 13:45

Instrument :

BNA_E

ClientSampleId :

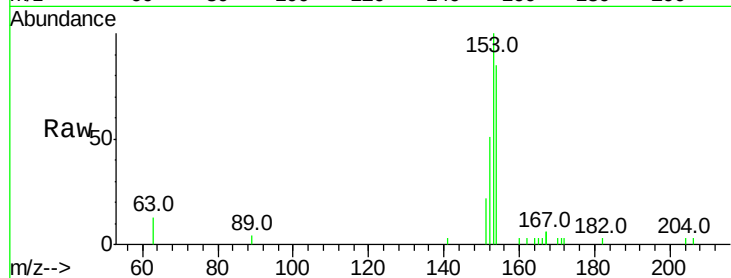
Tot Ion:154 Resp: 1956

Ion Ratio Lower Upper

154 100

153 117.4 89.2 133.8

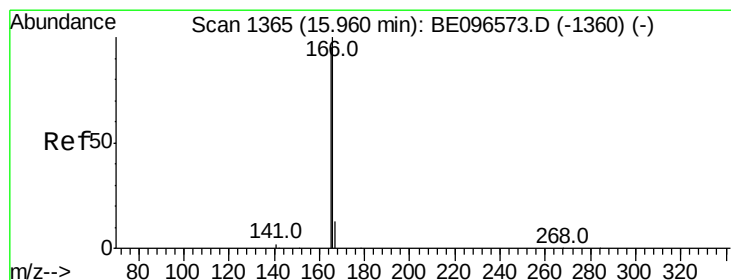
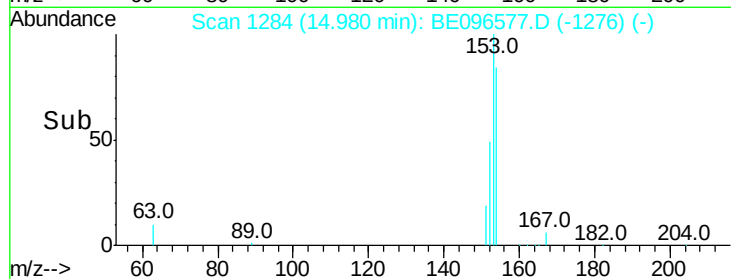
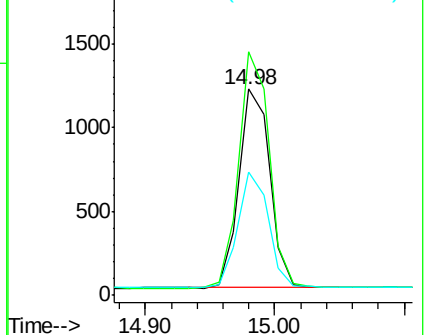
152 58.1 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.461 ng

RT: 15.96 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BE096577.D

Acq: 15 May 2018 13:45

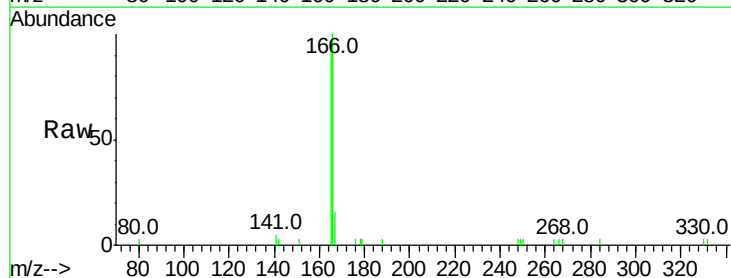
Tgt Ion:166 Resp: 2942

Ion Ratio Lower Upper

166 100

165 101.4 77.8 116.6

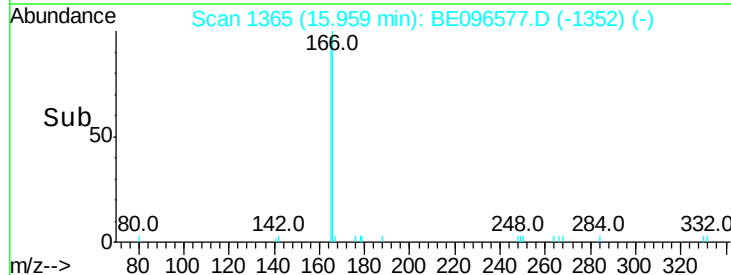
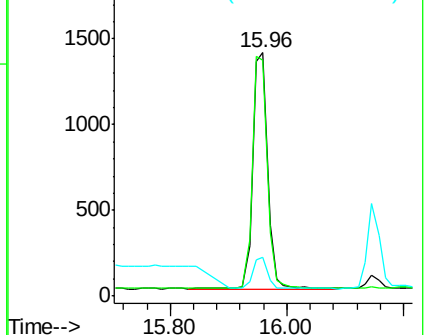
167 10.6 42.4 63.6#

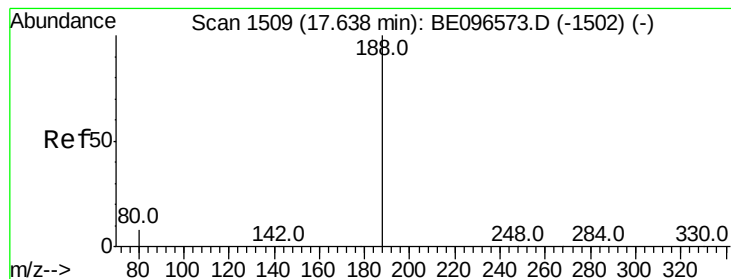


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.64 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BE096577.D

Acq: 15 May 2018 13:45

Instrument :

BNA_E

ClientSampleId :

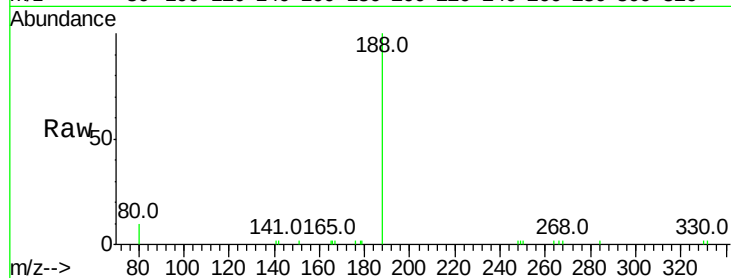
Tot Ion:188 Resp: 3693

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

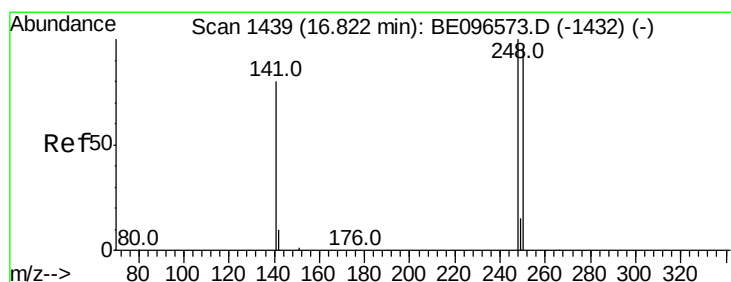
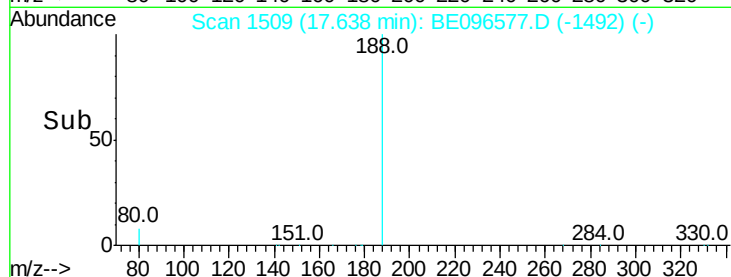
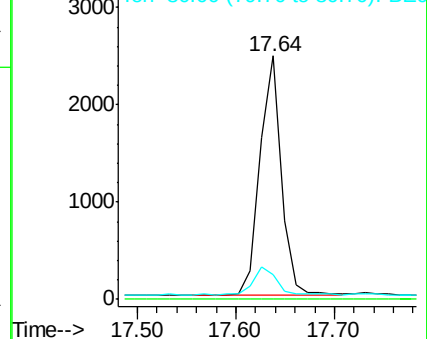
80 10.0 3.6 5.4#



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: 0.365 ng

RT: 16.82 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE096577.D

Acq: 15 May 2018 13:45

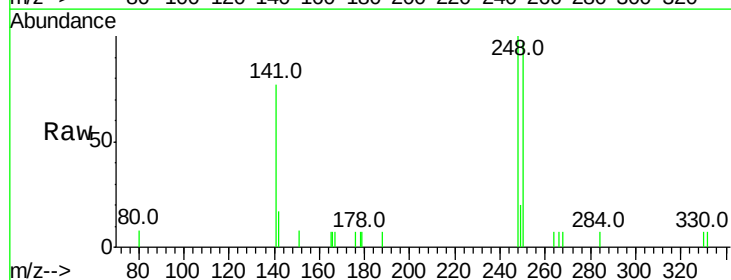
Tgt Ion:248 Resp: 817

Ion Ratio Lower Upper

248 100

250 96.6 62.7 94.1#

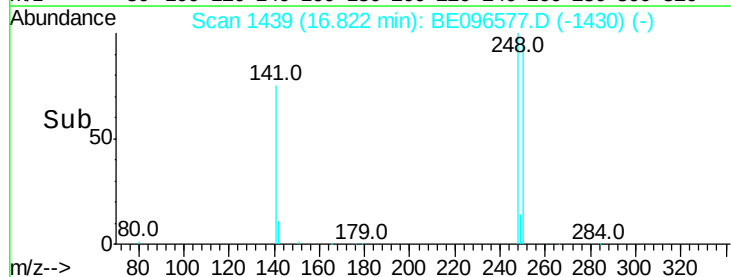
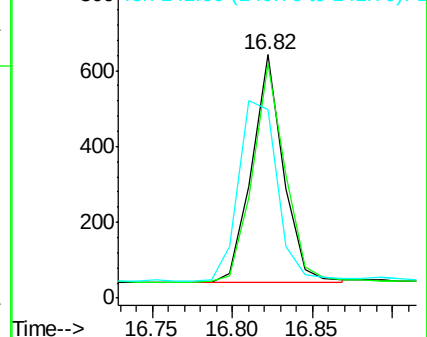
141 77.4 48.2 72.2#

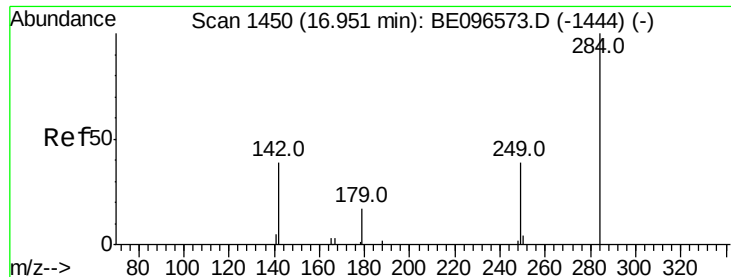


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

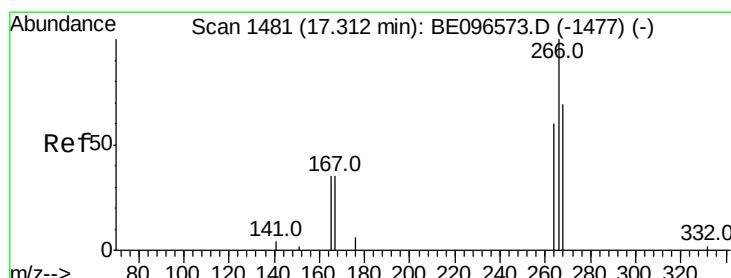
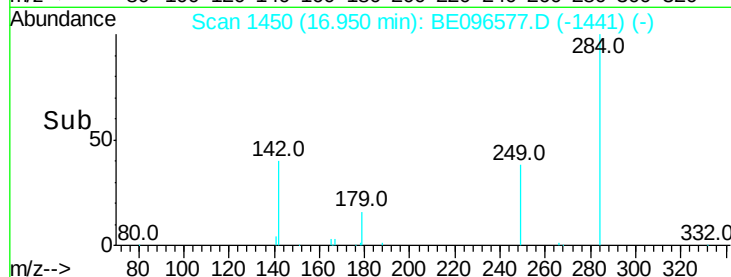
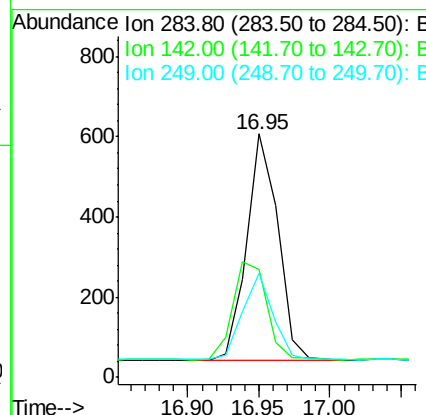
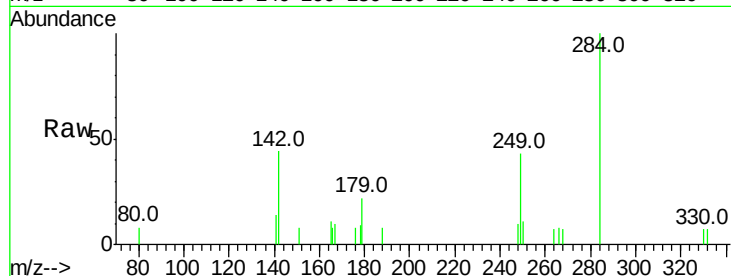




#21
Hexachlorobenzene
Concen: 0.367 ng
RT: 16.95 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BE096577.D
Acq: 15 May 2018 13:45

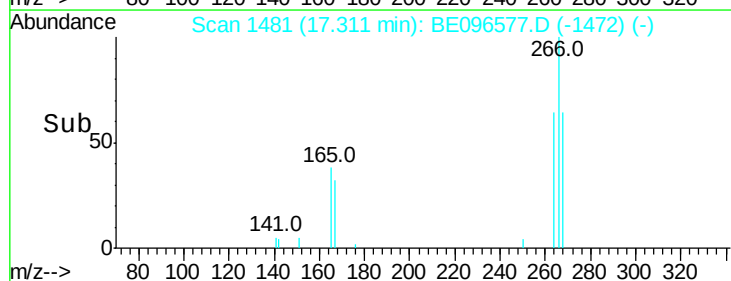
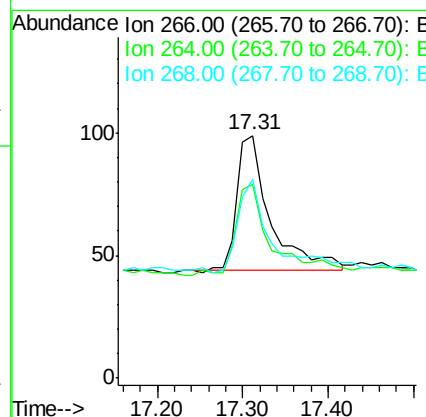
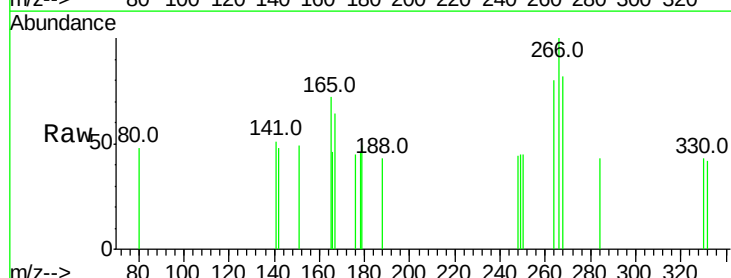
Instrument :
BNA_E
ClientSampleId :

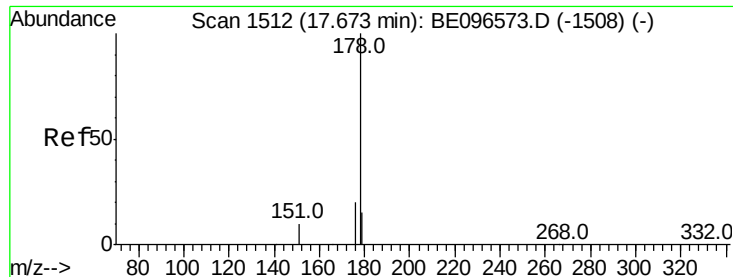
Tot Ion:284 Resp: 857
Ion Ratio Lower Upper
284 100
142 47.6 22.1 33.1#
249 36.9 34.8 52.2



#22
Pentachlorophenol
Concen: 0.379 ng
RT: 17.31 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE096577.D
Acq: 15 May 2018 13:45

Tgt Ion:266 Resp: 148
Ion Ratio Lower Upper
266 100
264 79.8 72.5 108.7
268 81.8 73.8 110.6





#23

Phenanthrene

Concen: 0.378 ng

RT: 17.67 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE096577.D

Acq: 15 May 2018 13:45

Instrument :

BNA_E

ClientSampleId :

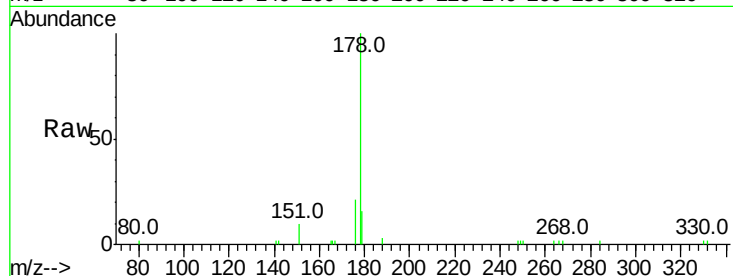
Tot Ion:178 Resp: 3916

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

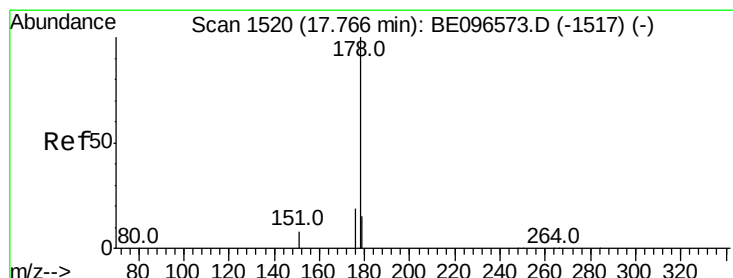
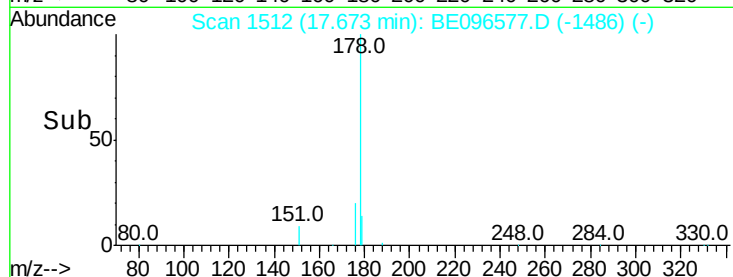
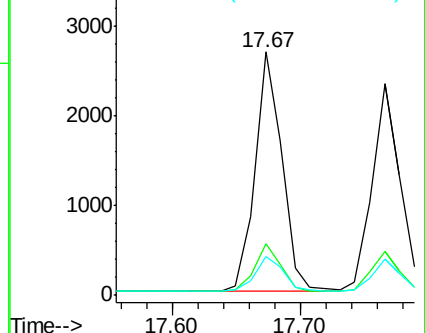
179 14.8 11.8 17.6



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: 0.366 ng

RT: 17.77 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BE096577.D

Acq: 15 May 2018 13:45

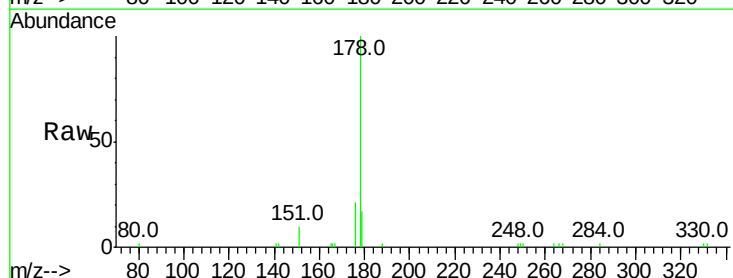
Tgt Ion:178 Resp: 3533

Ion Ratio Lower Upper

178 100

176 19.2 12.8 19.2

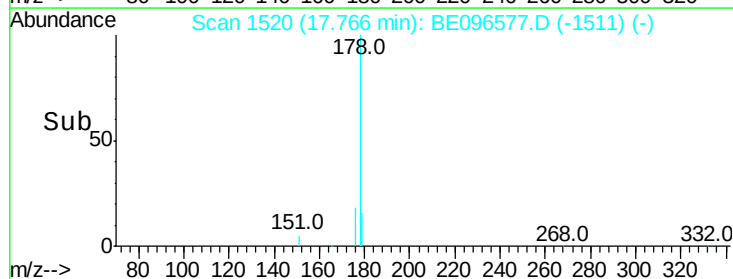
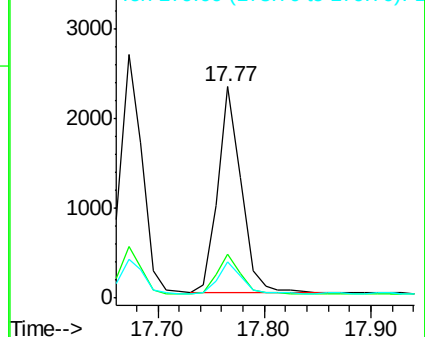
179 15.2 13.0 19.6

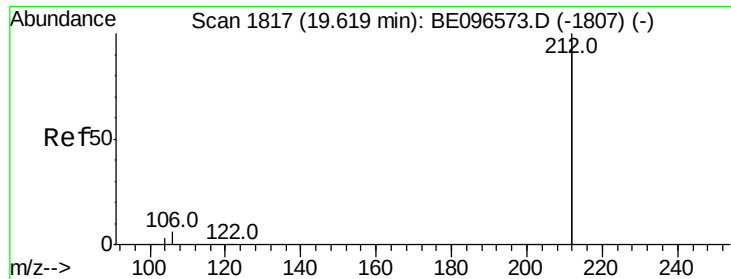


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

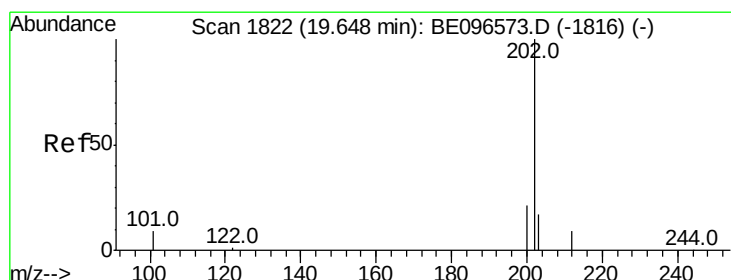
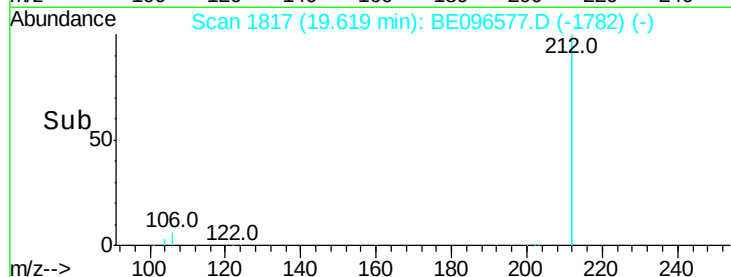
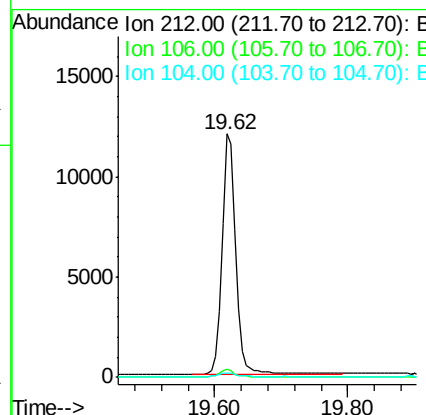
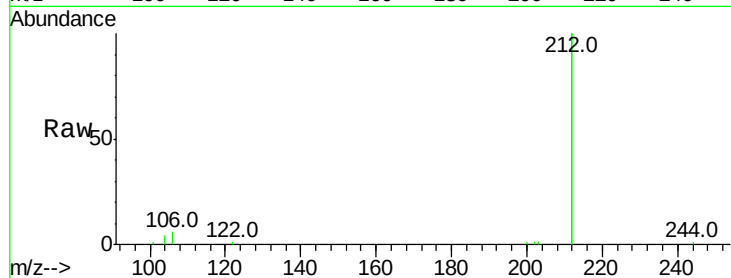




#25
Fluoranthene-d10
Concen: 0.371 ng
RT: 19.62 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BE096577.D
Acq: 15 May 2018 13:45

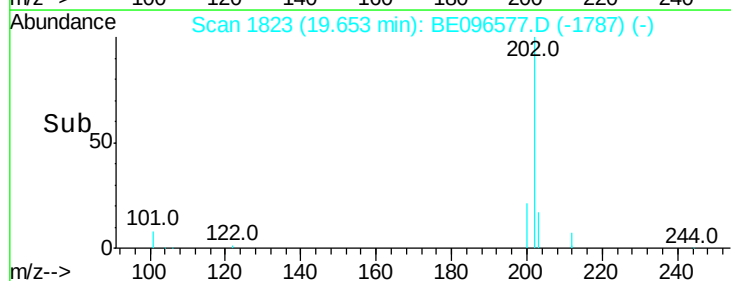
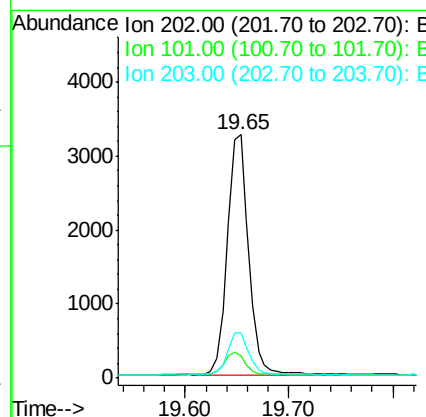
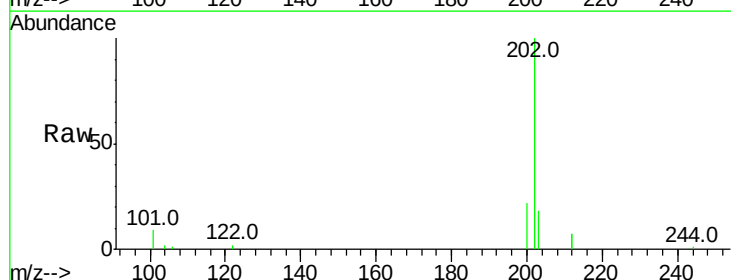
Instrument :
BNA_E
ClientSampleId :

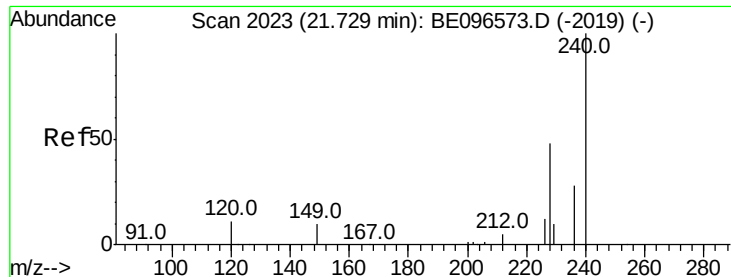
Tot Ion:212 Resp: 16736
Ion Ratio Lower Upper
212 100
106 2.7 2.8 4.2#
104 1.6 1.6 2.4#



#26
Fluoranthene
Concen: 0.372 ng
RT: 19.65 min Scan# 1823
Delta R.T. 0.01 min
Lab File: BE096577.D
Acq: 15 May 2018 13:45

Tgt Ion:202 Resp: 4610
Ion Ratio Lower Upper
202 100
101 9.4 9.8 14.8#
203 17.2 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.73 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BE096577.D

Acq: 15 May 2018 13:45

Instrument :

BNA_E

ClientSampled :

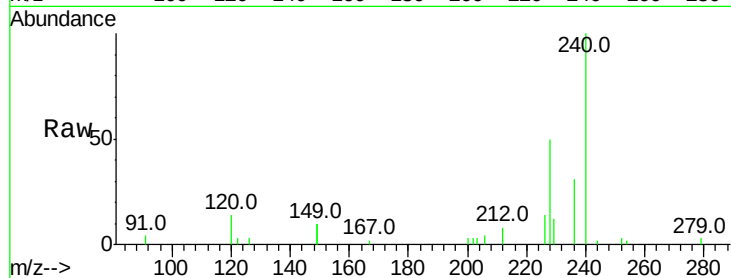
Tot Ion:240 Resp: 3467

Ion Ratio Lower Upper

240 100

120 13.9 5.5 8.3#

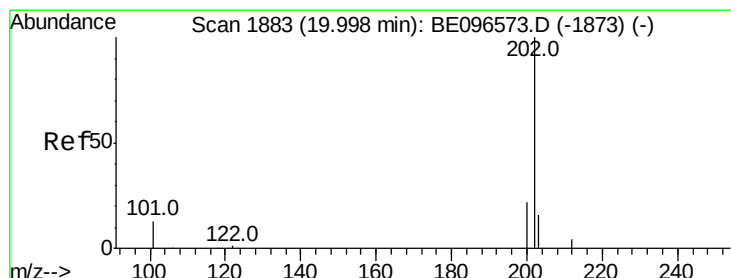
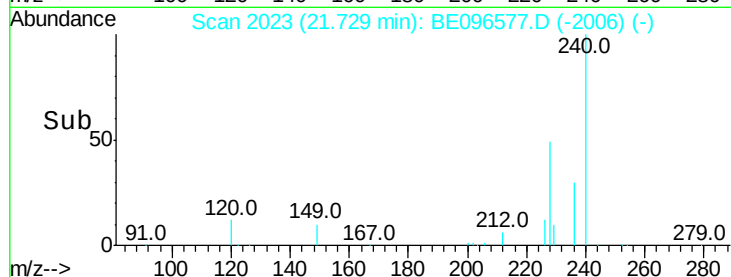
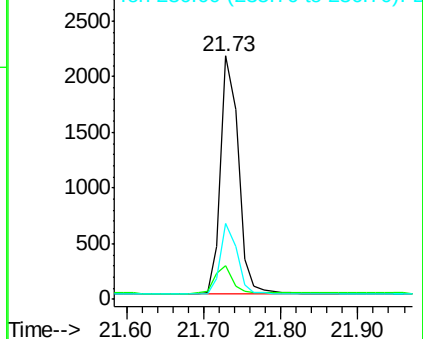
236 31.3 20.7 31.1#



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: 0.360 ng

RT: 20.00 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BE096577.D

Acq: 15 May 2018 13:45

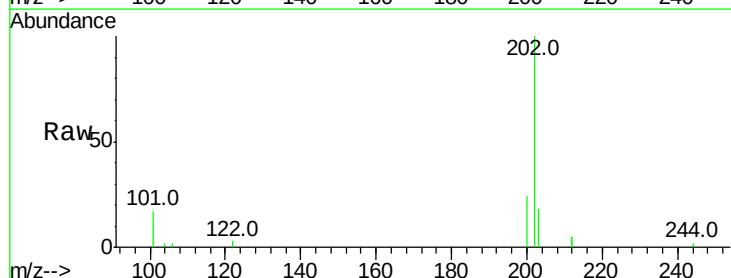
Tgt Ion:202 Resp: 2253

Ion Ratio Lower Upper

202 100

200 23.9 16.6 25.0

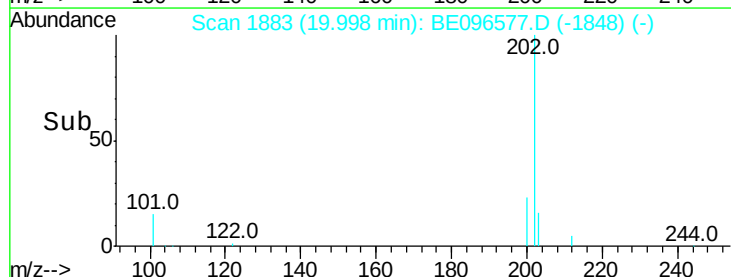
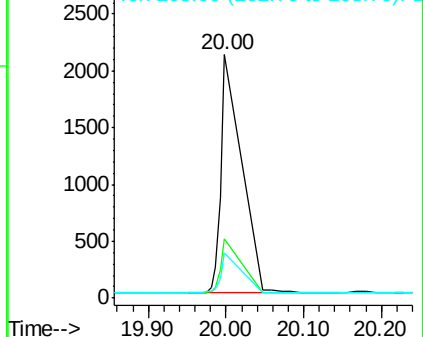
203 16.7 13.8 20.8

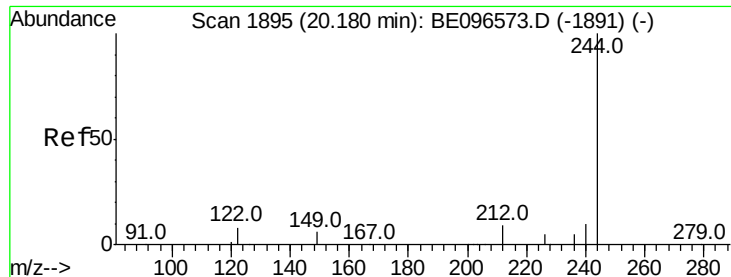


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.384 ng

RT: 20.18 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BE096577.D

Acq: 15 May 2018 13:45

Instrument :

BNA_E

ClientSampleId :

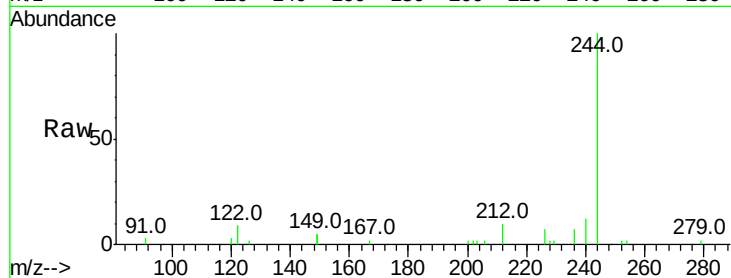
Tot Ion:244 Resp: 3015

Ion Ratio Lower Upper

244 100

212 10.4 25.4 38.0#

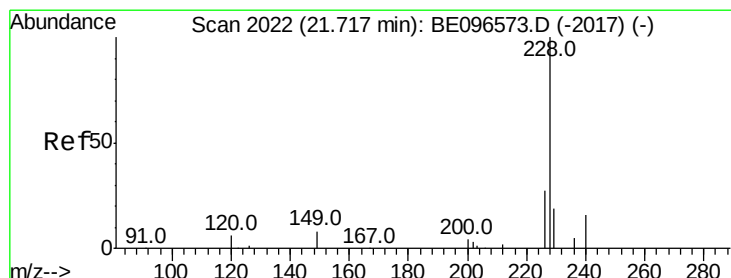
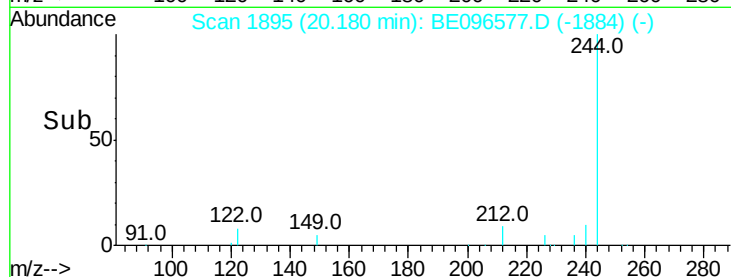
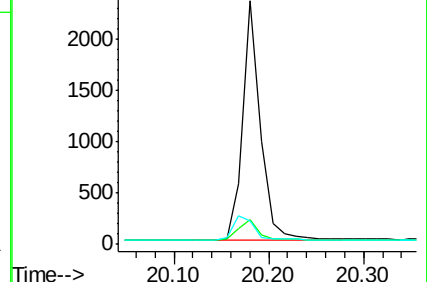
122 9.5 8.1 12.1



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: 0.373 ng

RT: 21.72 min Scan# 222

Delta R.T. 0.00 min

Lab File: BE096577.D

Acq: 15 May 2018 13:45

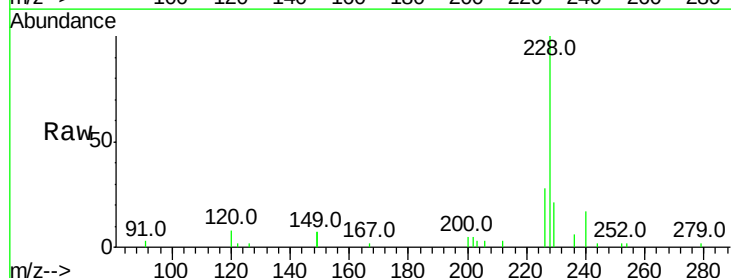
Tgt Ion:228 Resp: 3980

Ion Ratio Lower Upper

228 100

226 28.0 24.0 36.0

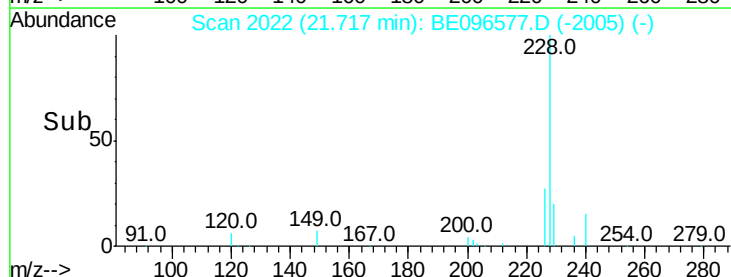
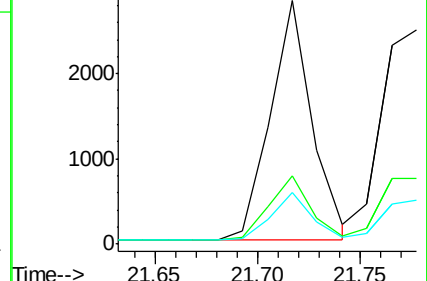
229 21.0 16.0 24.0

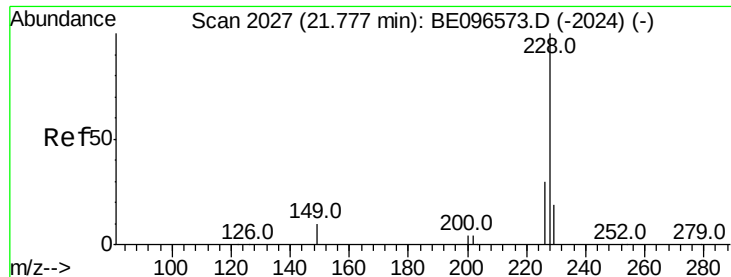


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.389 ng

RT: 21.78 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE096577.D

Acq: 15 May 2018 13:45

Instrument :

BNA_E

ClientSampleId :

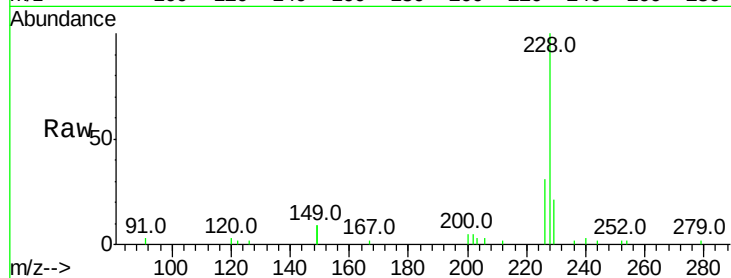
Tot Ion:228 Resp: 4314

Ion Ratio Lower Upper

228 100

226 30.8 24.0 36.0

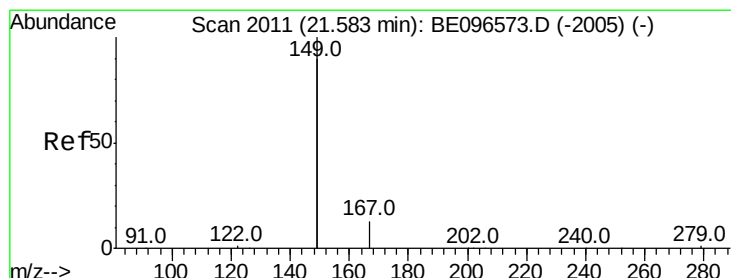
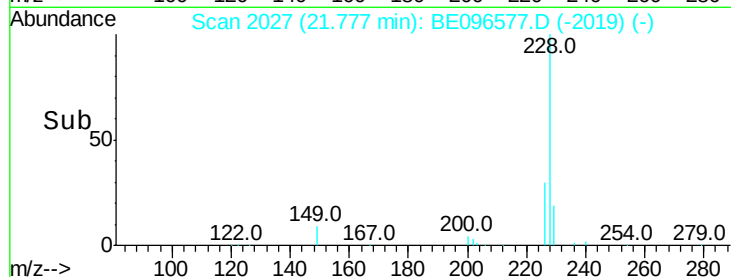
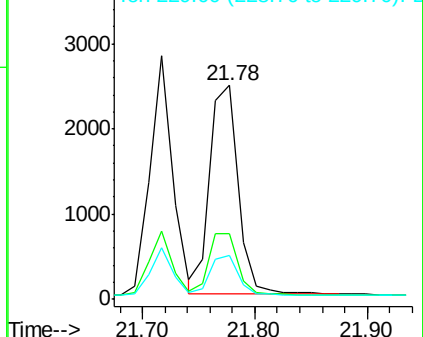
229 20.6 16.0 24.0



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: 0.356 ng

RT: 21.58 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BE096577.D

Acq: 15 May 2018 13:45

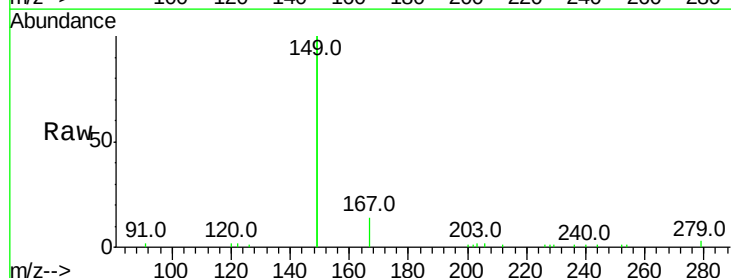
Tgt Ion:149 Resp: 8123

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.0

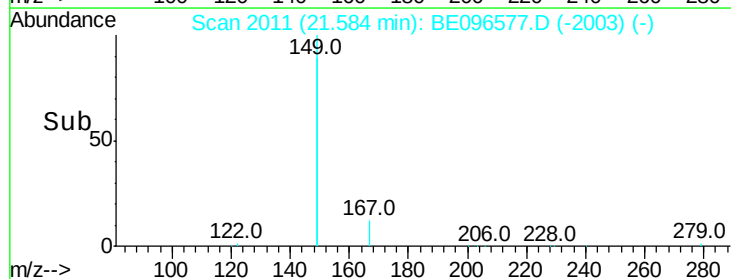
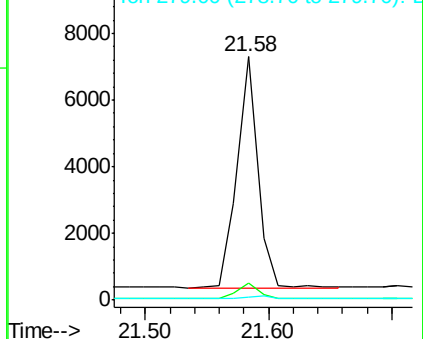
279 1.2 0.7 1.1#

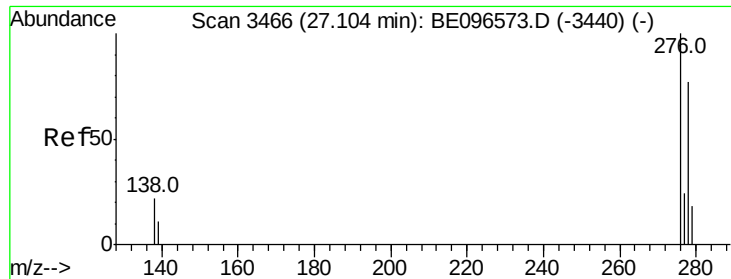


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.381 ng

RT: 27.10 min Scan# 3464

Delta R.T. -0.01 min

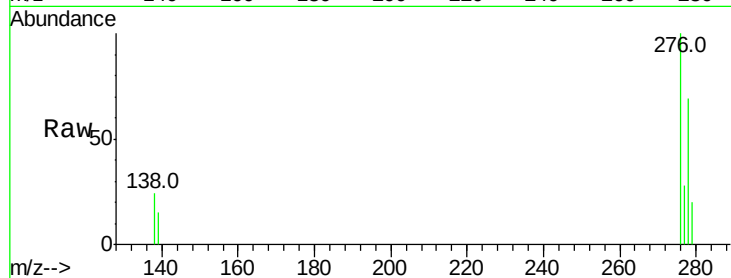
Lab File: BE096577.D

Acq: 15 May 2018 13:45

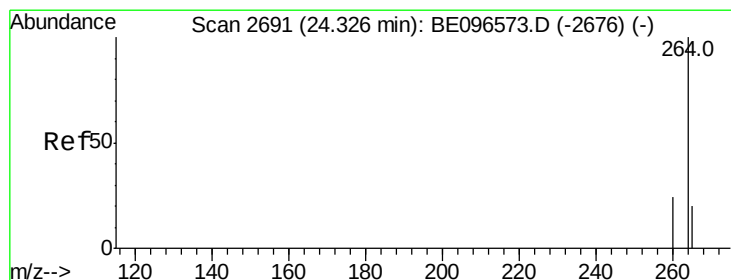
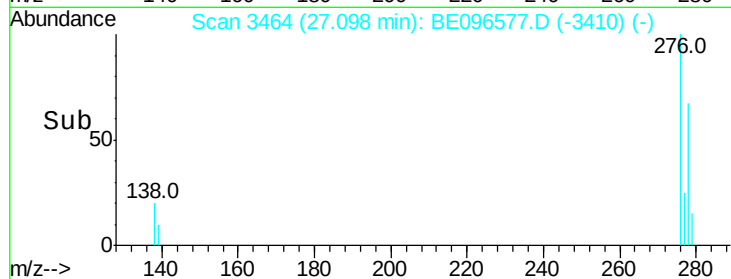
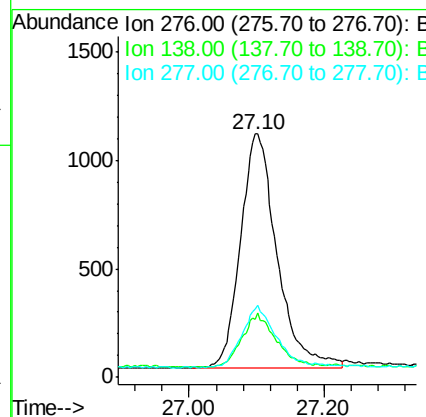
Instrument :

BNA_E

ClientSampleId :



Tot Ion:	276	Resp:	4048
Ion	Ratio	Lower	Upper
276	100		
138	21.2	22.5	33.7#
277	24.4	19.9	29.9



#34

Perylene-d12

Concen: 0.400 ng

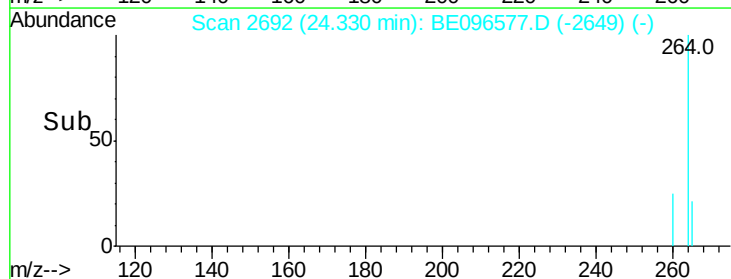
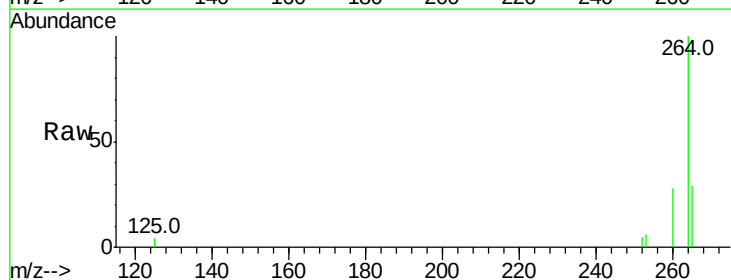
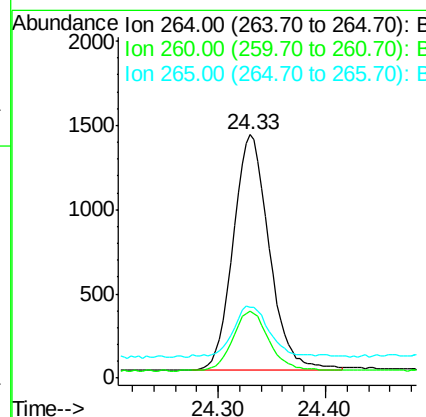
RT: 24.33 min Scan# 2692

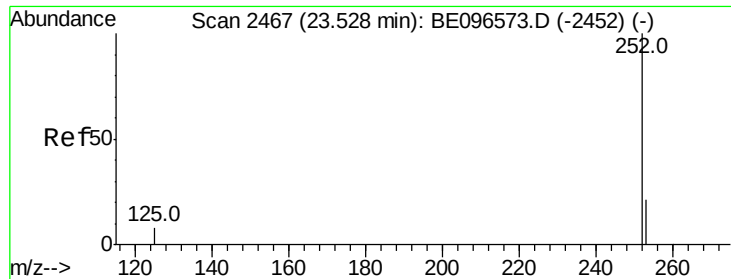
Delta R.T. 0.00 min

Lab File: BE096577.D

Acq: 15 May 2018 13:45

Tgt Ion:	264	Resp:	3258
Ion	Ratio	Lower	Upper
264	100		
260	27.8	20.5	30.7
265	29.3	22.8	34.2

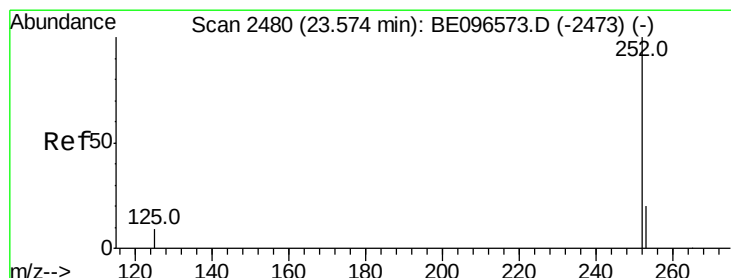
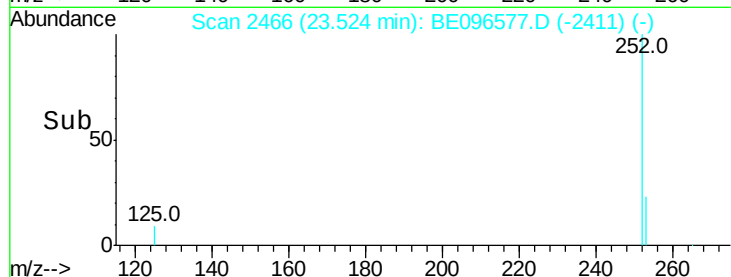
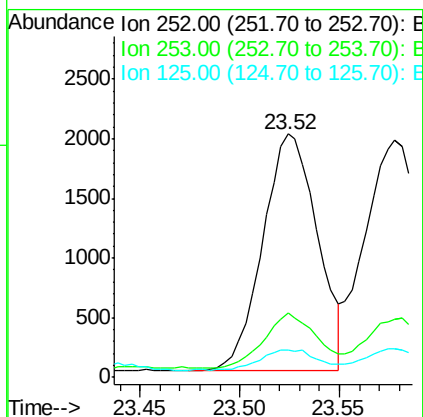
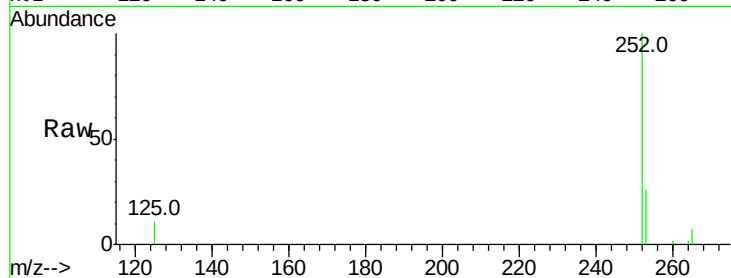




#35
Benzo(b)fluoranthene
Concen: 0.376 ng
RT: 23.52 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BE096577.D
Acq: 15 May 2018 13:45

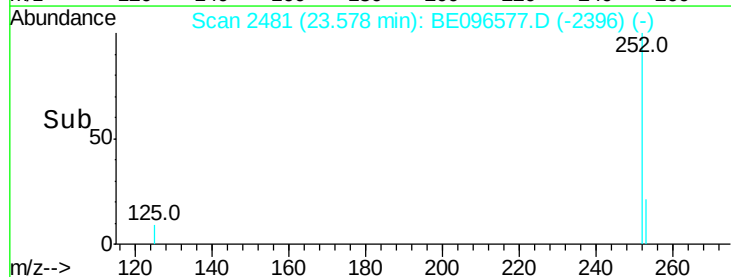
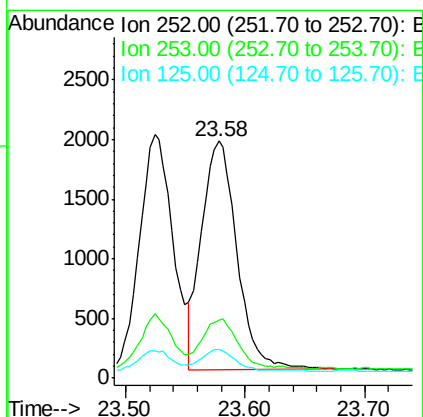
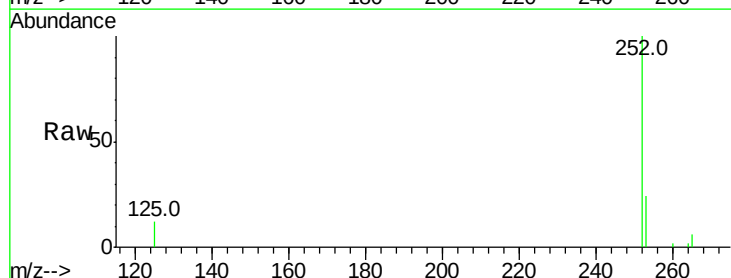
Instrument :
BNA_E
ClientSampleId :

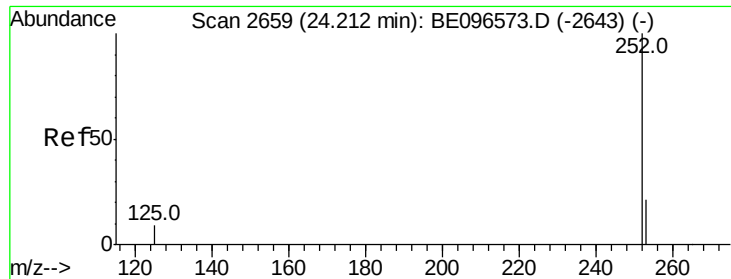
Tot Ion:252 Resp: 3779
Ion Ratio Lower Upper
252 100
253 26.2 20.0 30.0
125 11.2 16.0 24.0#



#36
Benzo(k)fluoranthene
Concen: 0.373 ng
RT: 23.58 min Scan# 2481
Delta R.T. 0.00 min
Lab File: BE096577.D
Acq: 15 May 2018 13:45

Tgt Ion:252 Resp: 3965
Ion Ratio Lower Upper
252 100
253 24.3 16.0 24.0#
125 12.0 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.379 ng

RT: 24.21 min Scan# 2659

Delta R.T. -0.00 min

Lab File: BE096577.D

Acq: 15 May 2018 13:45

Instrument :

BNA_E

ClientSampleId :

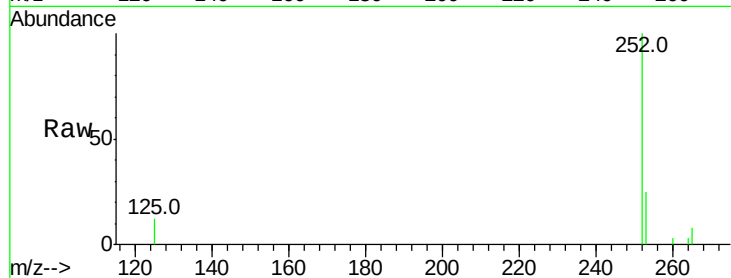
Tot Ion:252 Resp: 3639

Ion Ratio Lower Upper

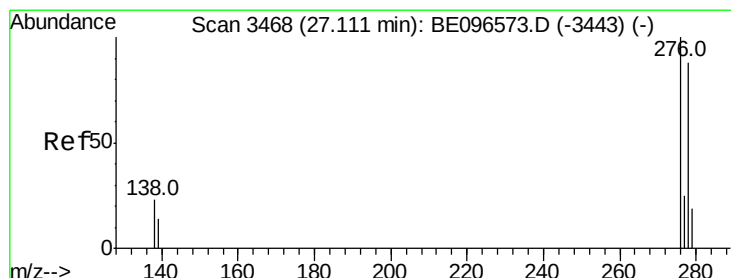
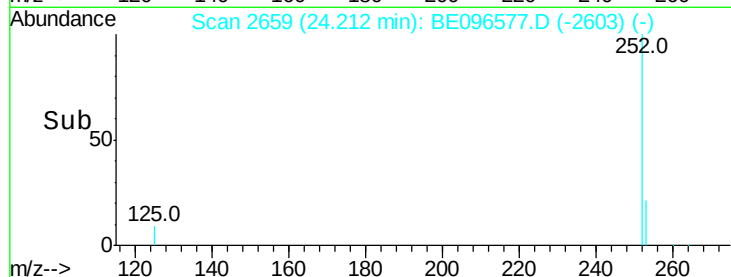
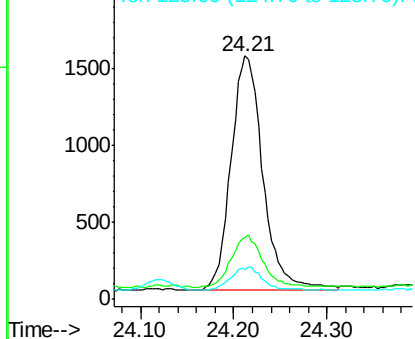
252 100

253 25.5 16.0 24.0#

125 12.4 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: 0.373 ng

RT: 27.11 min Scan# 3468

Delta R.T. 0.00 min

Lab File: BE096577.D

Acq: 15 May 2018 13:45

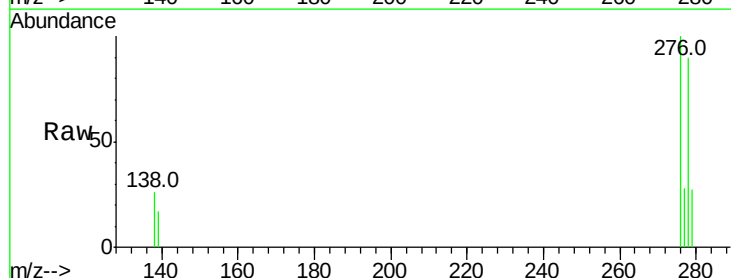
Tgt Ion:278 Resp: 3277

Ion Ratio Lower Upper

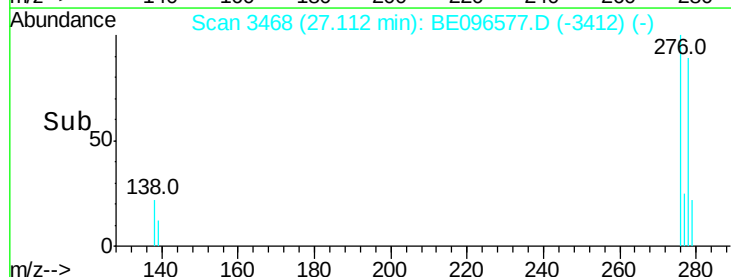
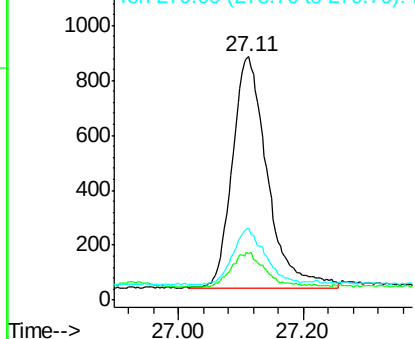
278 100

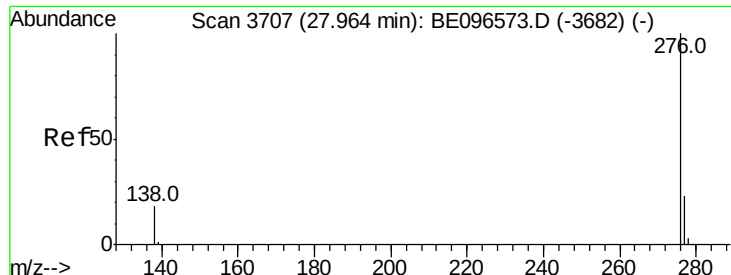
139 19.3 16.0 24.0

279 29.5 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: 0.376 ng

RT: 27.96 min Scan# 3706

Delta R.T. -0.00 min

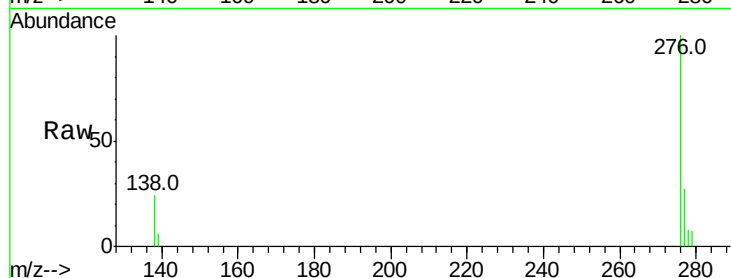
Lab File: BE096577.D

Acq: 15 May 2018 13:45

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 3458

Ion Ratio Lower Upper

276 100

277 27.3 16.0 24.0#

138 23.8 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

