

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051618\
 Data File : BE096594.D
 Acq On : 16 May 2018 15:31
 Operator : SJ/JU
 Sample : J2133-03
 Misc : MDL 0.1
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 17 03:55:35 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	8.35	152	646	0.40	ng	0.00
7) Naphthalene-d8	11.18	136	2737	0.40	ng	0.00
13) Acenaphthene-d10	14.92	164	1582	0.40	ng	0.00
19) Phenanthrene-d10	17.64	188	3623	0.40	ng	0.00
27) Chrysene-d12	21.73	240	3386	0.40	ng	0.00
34) Perylene-d12	24.33	264	3112	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.85	112	567	0.32	ng	0.00
5) Phenol-d6	7.50	99	767	0.30	ng	0.00
8) Nitrobenzene-d5	9.53	82	1040	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.72	152	1656	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	159	0.25	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	2482	0.37	ng	0.00
25) Fluoranthene-d10	19.62	212	16444	0.37	ng	0.00
29) Terphenyl-d14	20.18	244	2499	0.33	ng	0.00

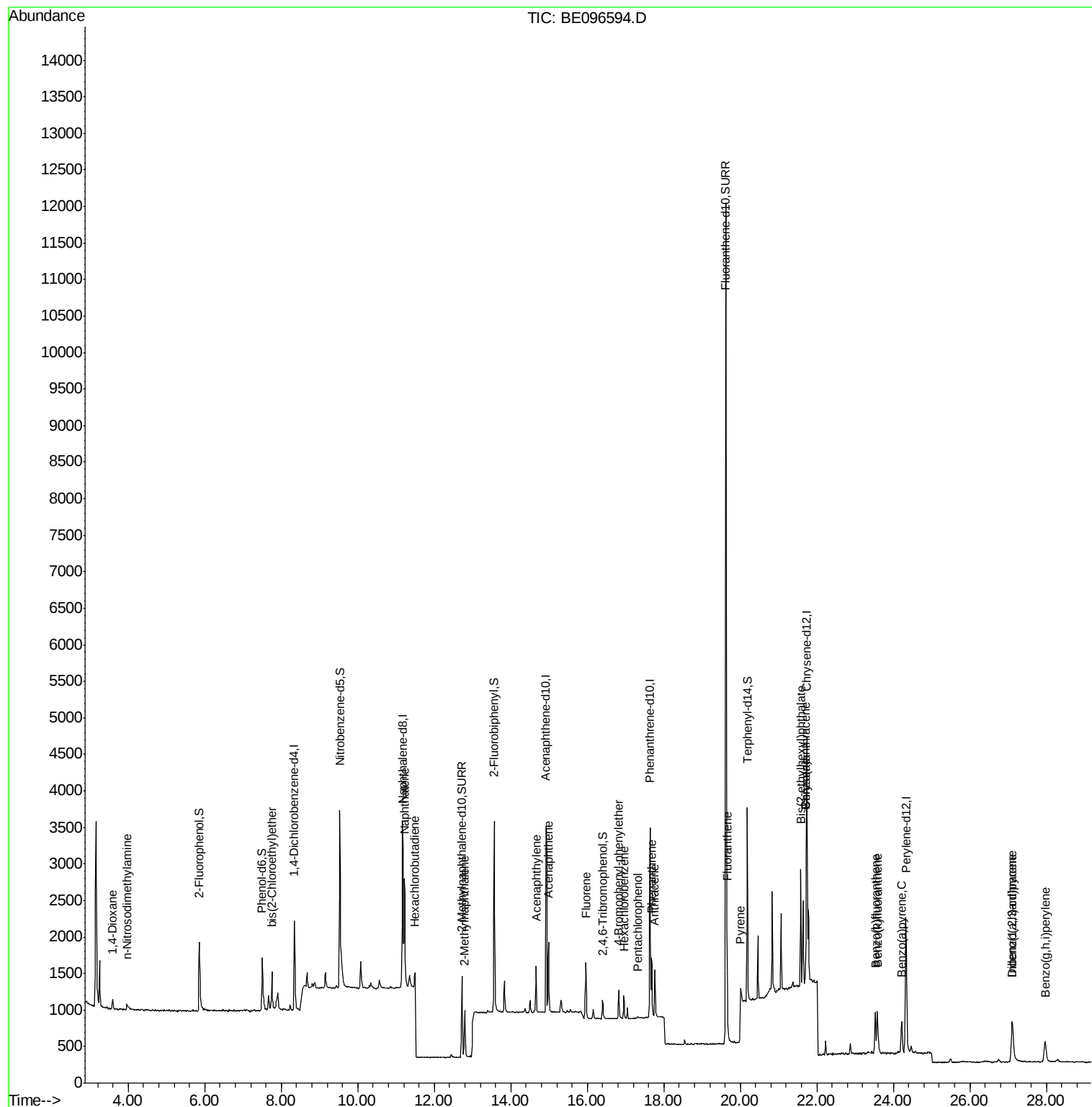
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.59	88	103	0.106	ng	95
3) n-Nitrosodimethylamine	3.97	42	89	0.073	ng	# 68
6) bis(2-Chloroethyl)ether	7.75	93	232	0.098	ng	84
9) Naphthalene	11.22	128	2772	0.096	ng	# 93
10) Hexachlorobutadiene	11.49	225	170	0.106	ng	89
12) 2-Methylnaphthalene	12.79	142	453	0.092	ng	# 89
16) Acenaphthylene	14.66	152	727	0.088	ng	97
17) Acenaphthene	14.99	154	486	0.097	ng	93
18) Fluorene	15.96	166	689	0.110	ng	# 70
20) 4-Bromophenyl-phenylether	16.82	248	198	0.090	ng	# 69
21) Hexachlorobenzene	16.95	284	217	0.095	ng	# 80
22) Pentachlorophenol	17.32	266	18	0.207	ng	96
23) Phenanthrene	17.67	178	905	0.089	ng	98
24) Anthracene	17.77	178	818	0.086	ng	97
26) Fluoranthene	19.65	202	1088	0.089	ng	97
28) Pyrene	20.00	202	512	0.084	ng	93
30) Benzo(a)anthracene	21.72	228	947	0.091	ng	94
31) Chrysene	21.72	228	546	0.050	ng	94
32) Bis(2-ethylhexyl)phthalate	21.59	149	1986	0.089	ng	# 99
33) Indeno(1,2,3-cd)pyrene	27.10	276	875	0.084	ng	# 92
35) Benzo(b)fluoranthene	23.53	252	857	0.089	ng	# 89
36) Benzo(k)fluoranthene	23.58	252	923	0.091	ng	# 70
37) Benzo(a)pyrene	24.21	252	791	0.086	ng	# 67
38) Dibenzo(a,h)anthracene	27.12	278	674	0.080	ng	# 72
39) Benzo(g,h,i)perylene	27.96	276	813	0.093	ng	# 72

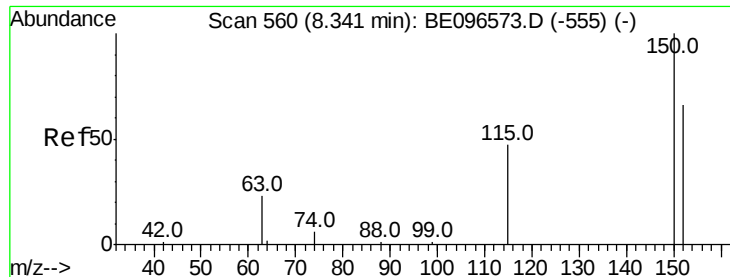
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051618\
Data File : BE096594.D
Acq On : 16 May 2018 15:31
Operator : SJ/JU
Sample : J2133-03
Misc : MDL 0.1
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: May 17 03:55:35 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



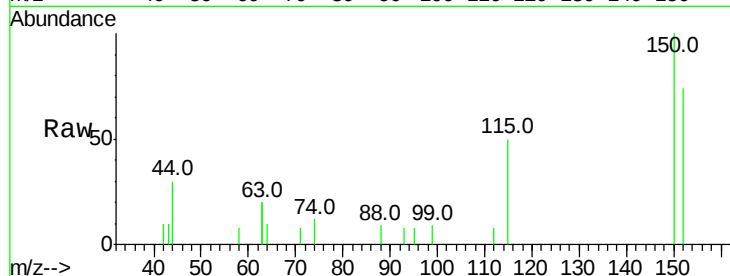


#1

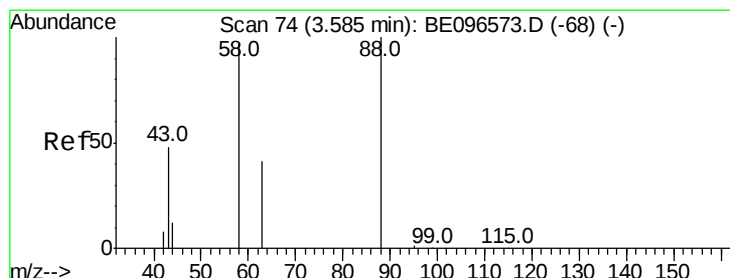
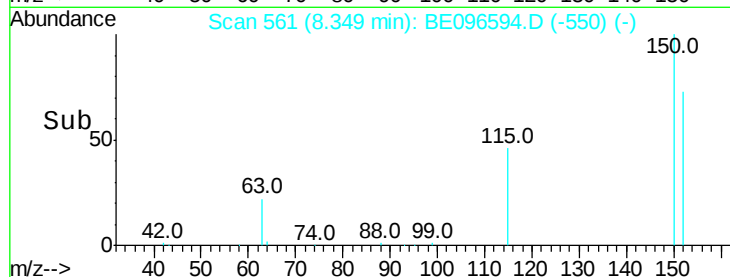
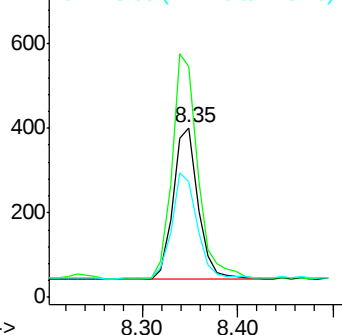
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.35 min Scan# 561
Delta R.T. 0.01 min
Lab File: BE096594.D
Acq: 16 May 2018 15:31

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 646
Ion Ratio Lower Upper
152 100
150 135.8 117.2 175.8
115 68.2 57.0 85.6



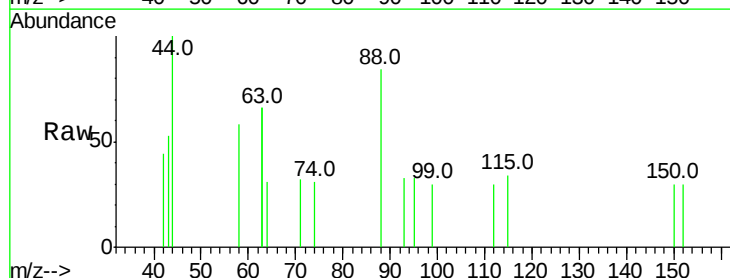
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



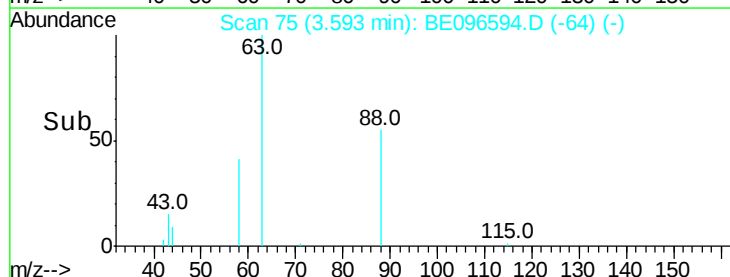
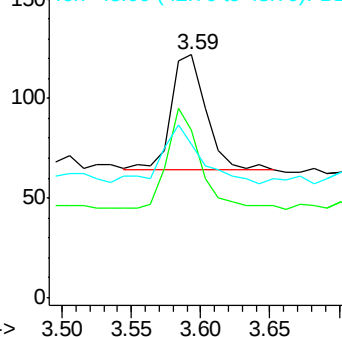
#2

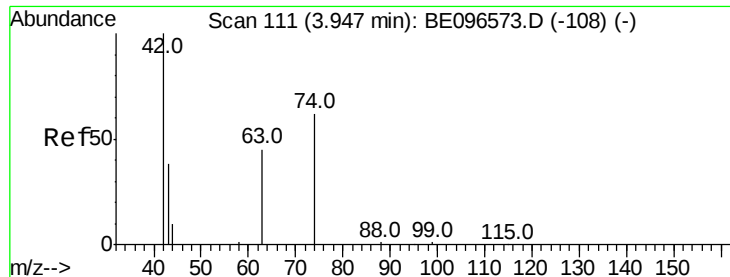
1,4-Dioxane
Concen: 0.106 ng
RT: 3.59 min Scan# 75
Delta R.T. 0.01 min
Lab File: BE096594.D
Acq: 16 May 2018 15:31

Tgt Ion: 88 Resp: 103
Ion Ratio Lower Upper
88 100
58 77.7 63.2 94.8
43 58.3 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



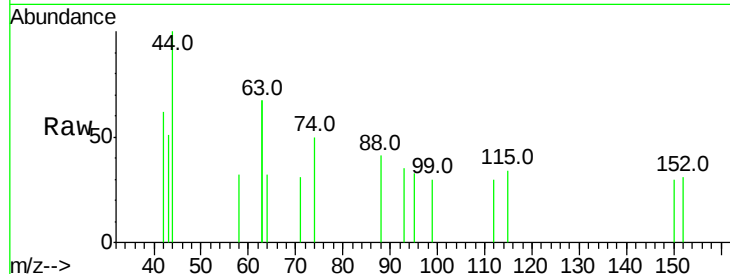


#3

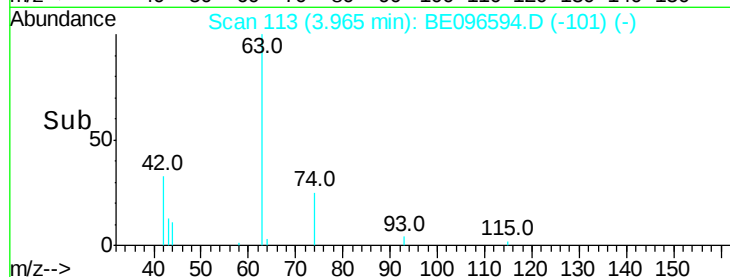
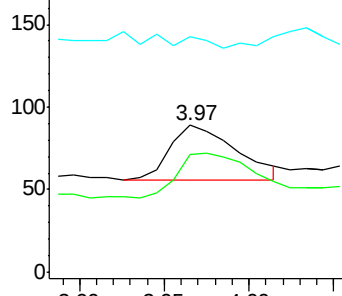
n-Nitrosodimethylamine
 Concen: 0.073 ng
 RT: 3.97 min Scan# 113
 Delta R.T. 0.02 min
 Lab File: BE096594.D
 Acq: 16 May 2018 15:31

Instrument :
 BNA_E
 ClientSampled :

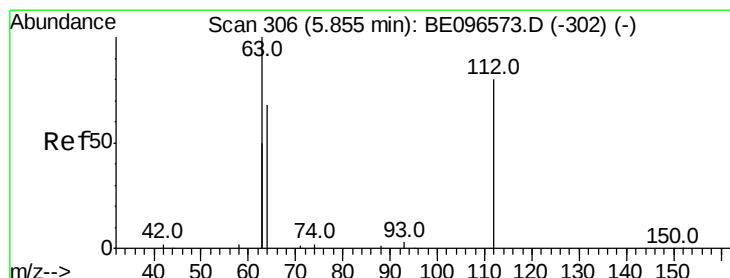
Tot Ion: 42 Resp: 89
 Ion Ratio Lower Upper
 42 100
 74 85.4 96.0 144.0#
 44 0.0 12.0 18.0#



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



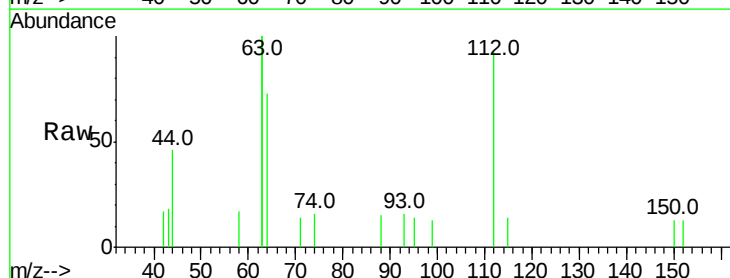
Time-->



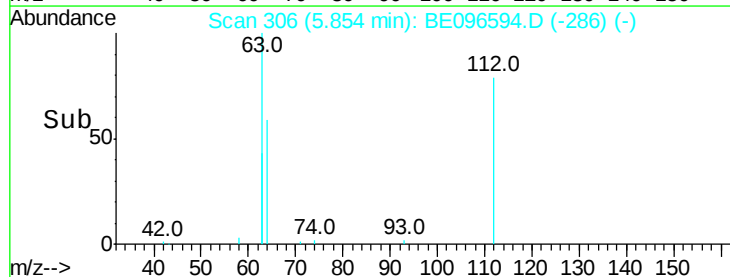
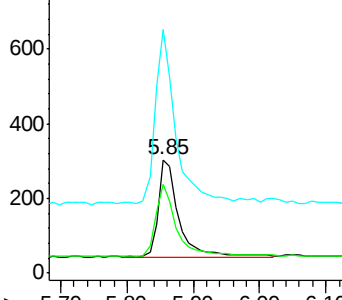
#4

2-Fluorophenol
 Concen: 0.318 ng
 RT: 5.85 min Scan# 306
 Delta R.T. -0.00 min
 Lab File: BE096594.D
 Acq: 16 May 2018 15:31

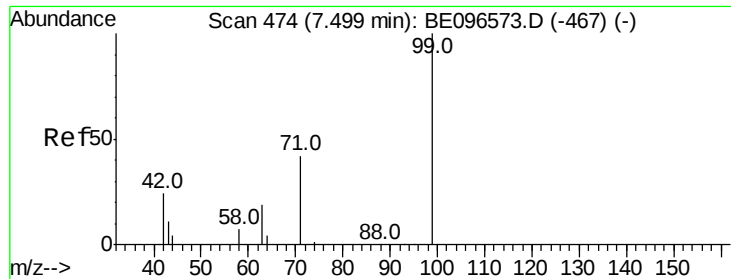
Tgt Ion: 112 Resp: 567
 Ion Ratio Lower Upper
 112 100
 64 73.4 60.1 90.1
 63 174.4 116.8 175.2



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



Time-->



#5

Phenol-d6

Concen: 0.304 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.00 min

Lab File: BE096594.D

Acq: 16 May 2018 15:31

Instrument :

BNA_E

ClientSampleId :

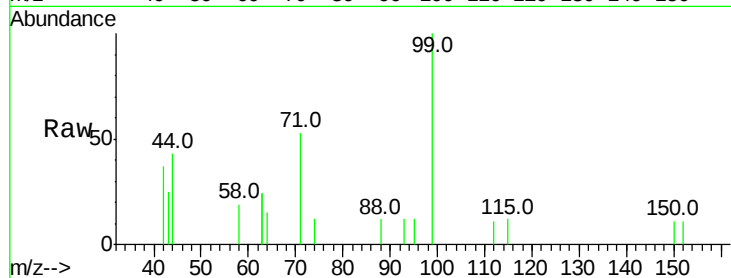
Tot Ion: 99 Resp: 767

Ion Ratio Lower Upper

99 100

42 27.8 20.2 30.2

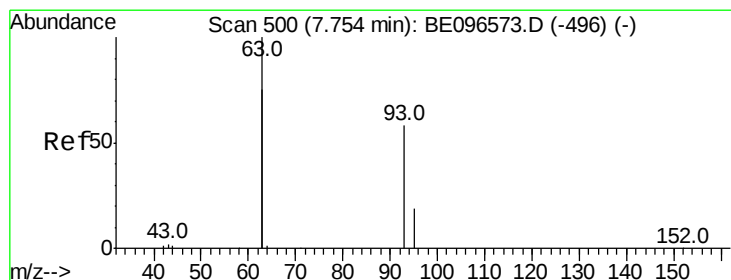
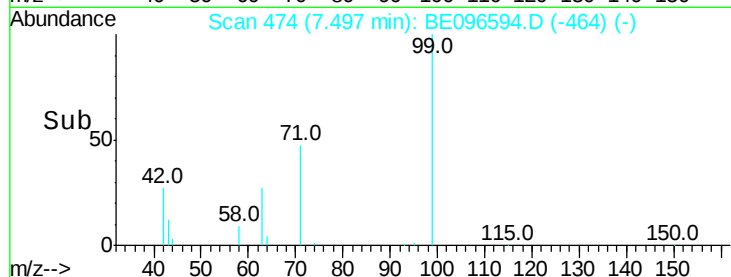
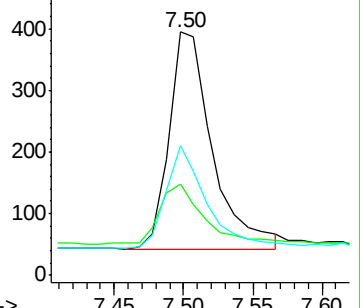
71 43.8 28.4 42.6#



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: 0.098 ng

RT: 7.75 min Scan# 500

Delta R.T. -0.00 min

Lab File: BE096594.D

Acq: 16 May 2018 15:31

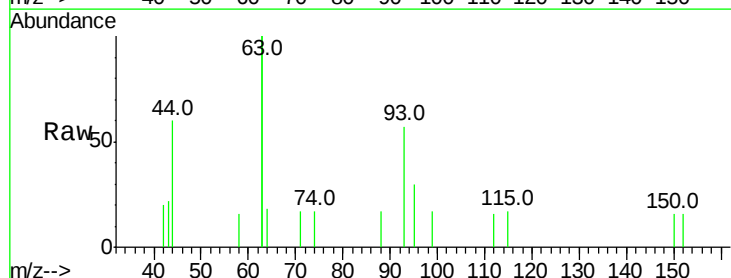
Tgt Ion: 93 Resp: 232

Ion Ratio Lower Upper

93 100

63 307.3 275.3 412.9

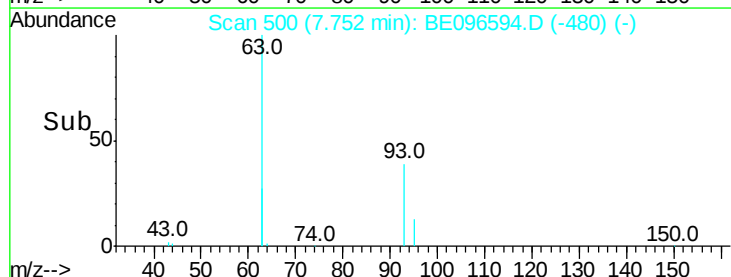
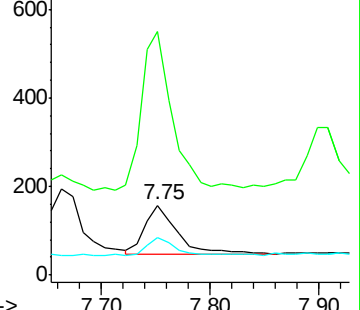
95 29.7 25.2 37.8

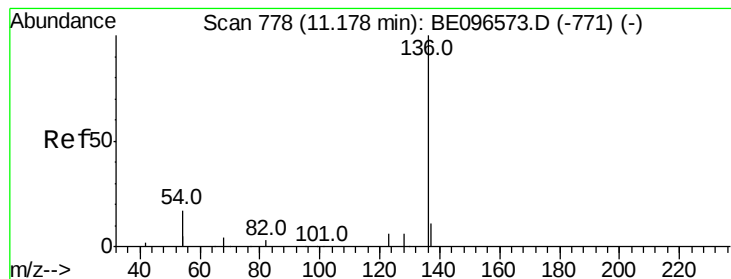


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 11.18 min Scan# 778

Delta R.T. 0.00 min

Lab File: BE096594.D

Acq: 16 May 2018 15:31

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 2737

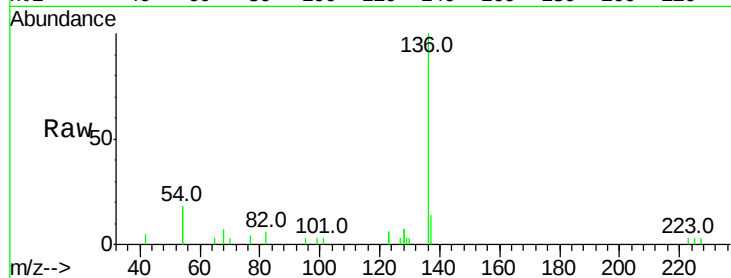
Ion Ratio Lower Upper

136 100

137 14.2 9.5 14.3

54 35.8 29.1 43.7

68 6.9 6.2 9.2

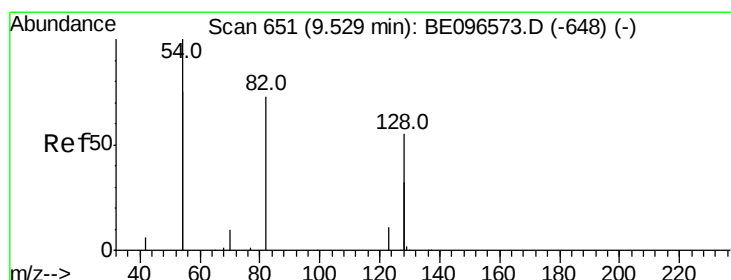
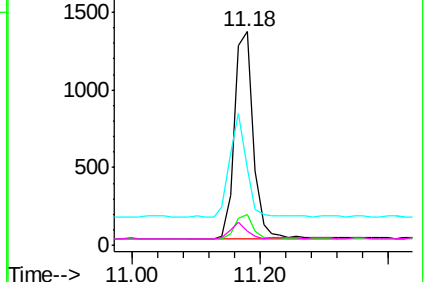
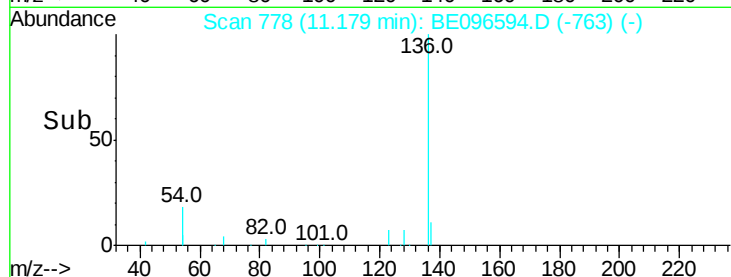


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.357 ng

RT: 9.53 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE096594.D

Acq: 16 May 2018 15:31

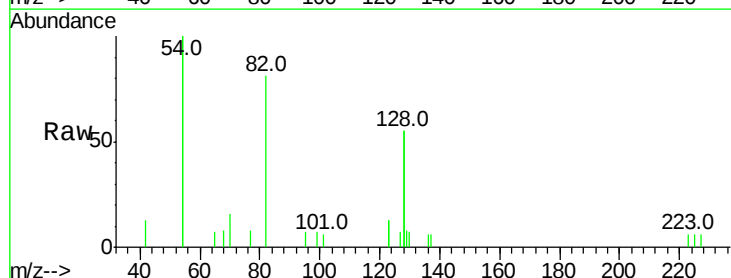
Tgt Ion: 82 Resp: 1040

Ion Ratio Lower Upper

82 100

128 136.2 150.0 225.0#

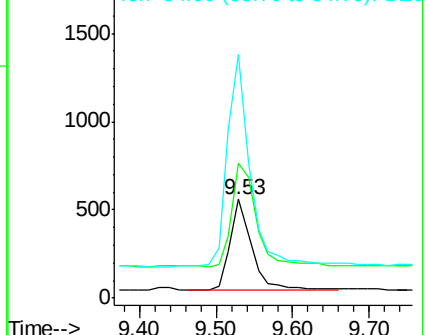
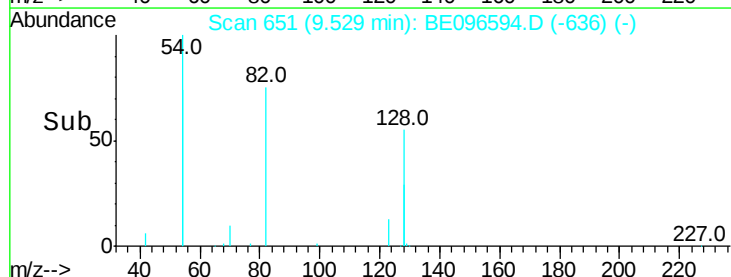
54 246.0 154.2 231.4#

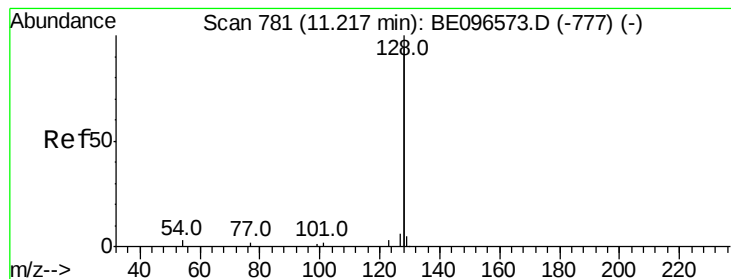


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.096 ng

RT: 11.22 min Scan# 781

Delta R.T. 0.00 min

Lab File: BE096594.D

Acq: 16 May 2018 15:31

Instrument :

BNA_E

ClientSampleId :

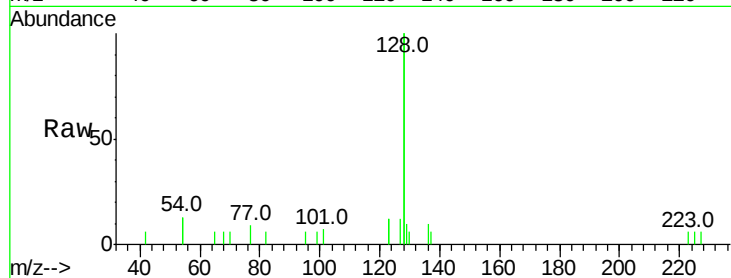
Tot Ion:128 Resp: 2772

Ion Ratio Lower Upper

128 100

129 5.2 2.6 3.8#

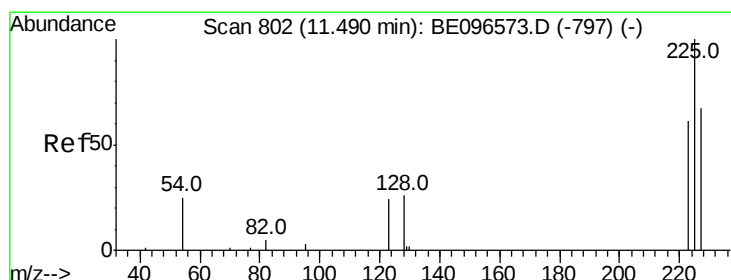
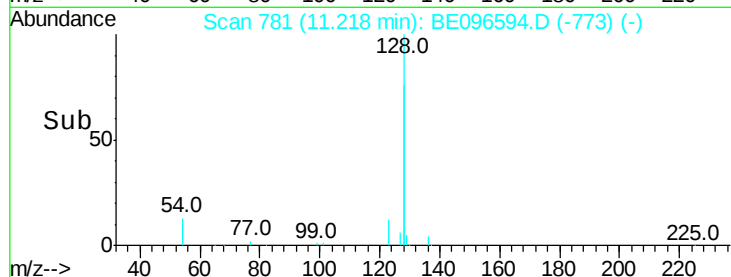
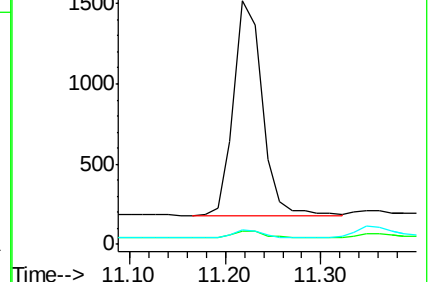
127 5.9 2.8 4.2#



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: 0.106 ng

RT: 11.49 min Scan# 802

Delta R.T. 0.00 min

Lab File: BE096594.D

Acq: 16 May 2018 15:31

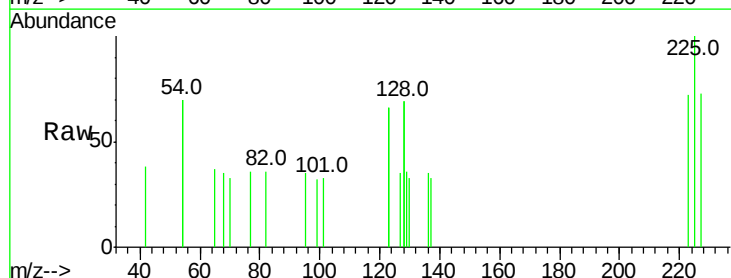
Tgt Ion:225 Resp: 170

Ion Ratio Lower Upper

225 100

223 59.4 53.0 79.6

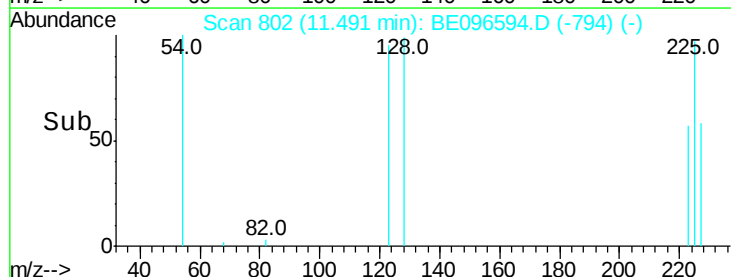
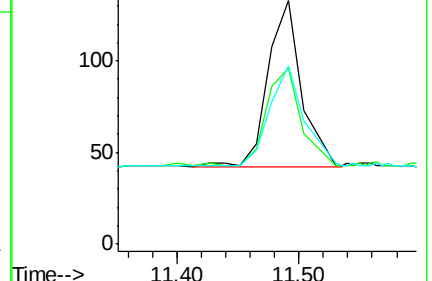
227 54.1 51.4 77.2

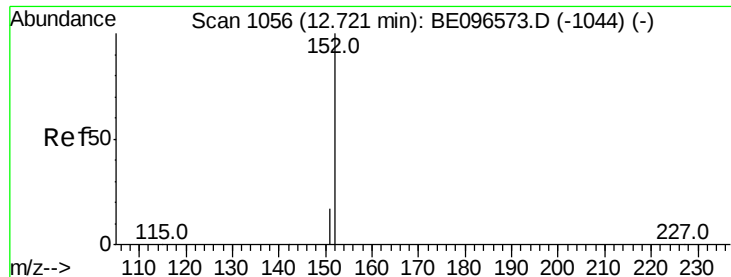


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

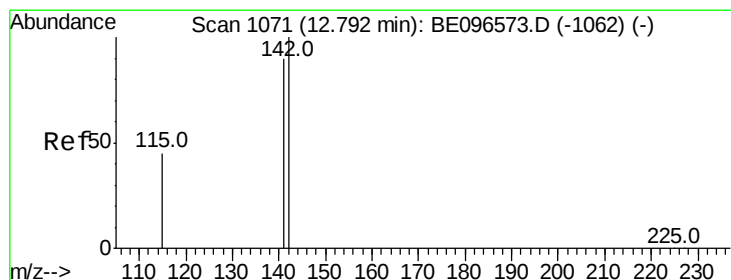
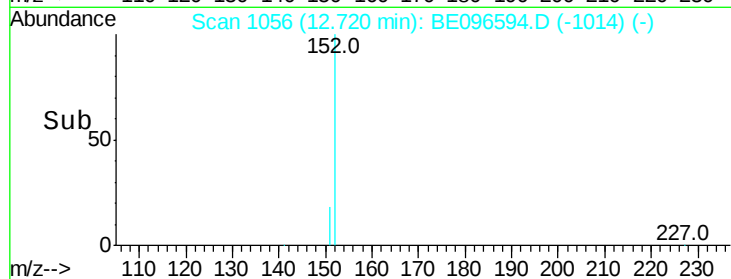
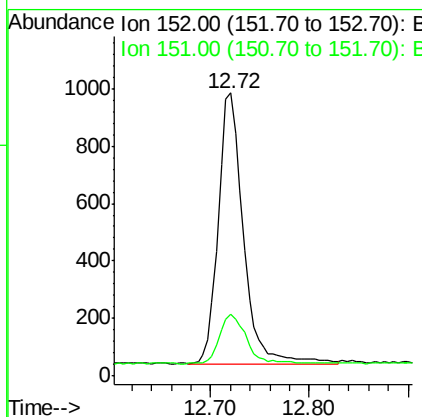
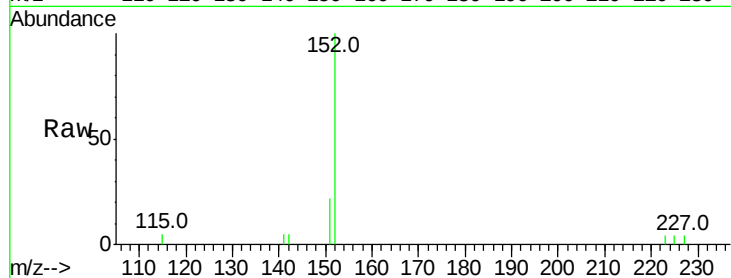




#11
2-Methylnaphthalene-d10
Concen: 0.370 ng
RT: 12.72 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BE096594.D
Acq: 16 May 2018 15:31

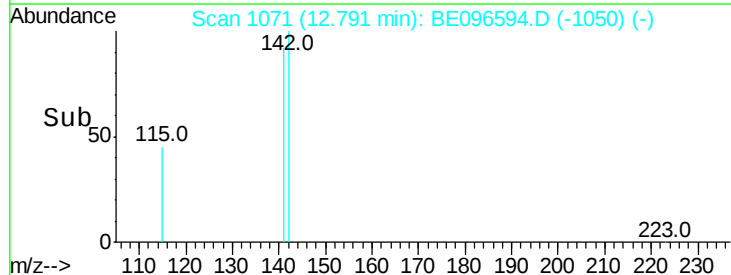
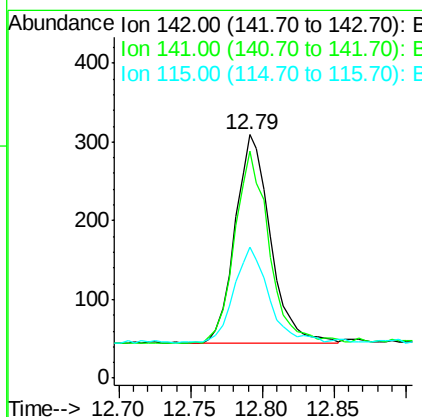
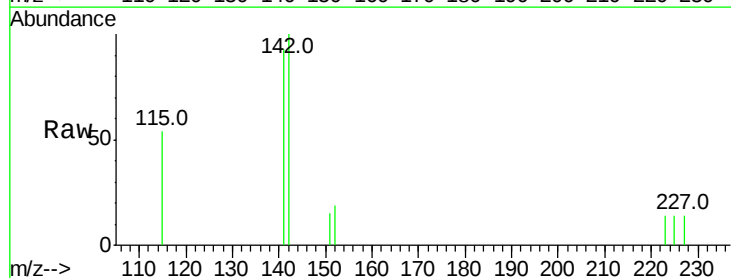
Instrument :
BNA_E
ClientSampleId :

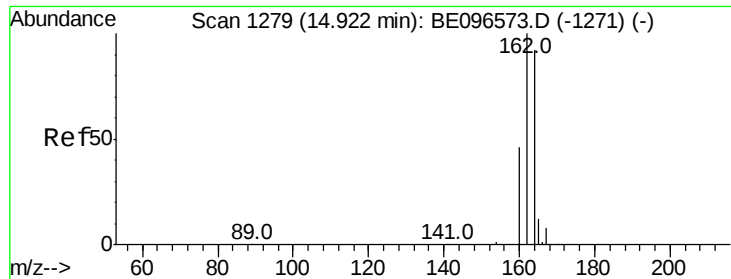
Tot Ion:152 Resp: 1656
Ion Ratio Lower Upper
152 100
151 19.6 15.4 23.0



#12
2-Methylnaphthalene
Concen: 0.092 ng
RT: 12.79 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BE096594.D
Acq: 16 May 2018 15:31

Tgt Ion:142 Resp: 453
Ion Ratio Lower Upper
142 100
141 93.2 70.4 105.6
115 53.7 31.7 47.5#

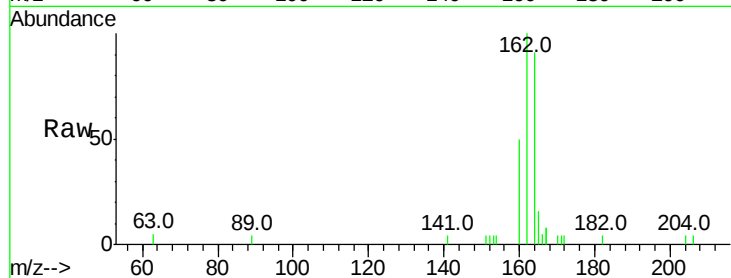




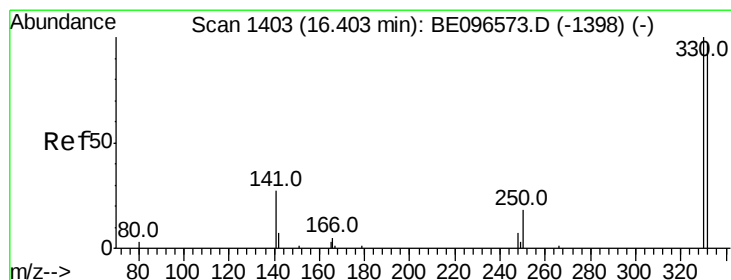
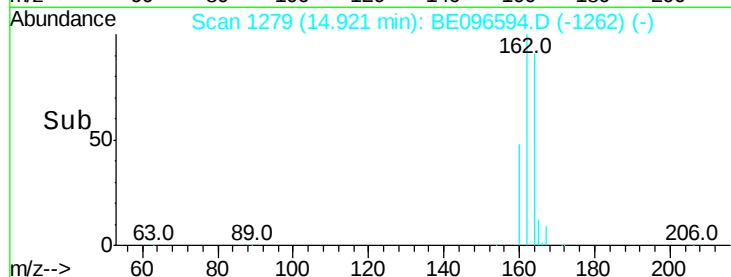
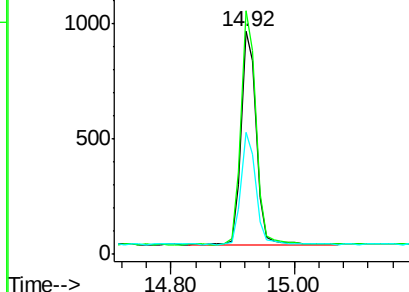
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.92 min Scan# 1279
 Delta R.T. -0.00 min
 Lab File: BE096594.D
 Acq: 16 May 2018 15:31

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:164 Resp: 1582
 Ion Ratio Lower Upper
 164 100
 162 109.3 83.1 124.7
 160 54.8 37.1 55.7

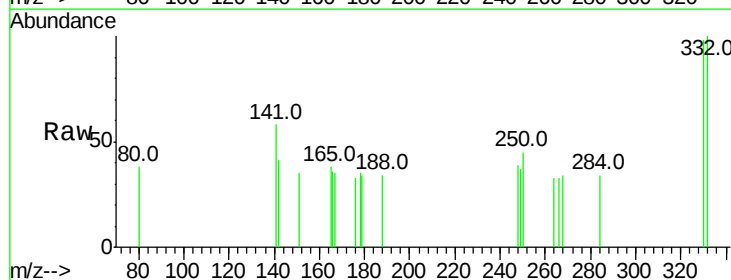


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

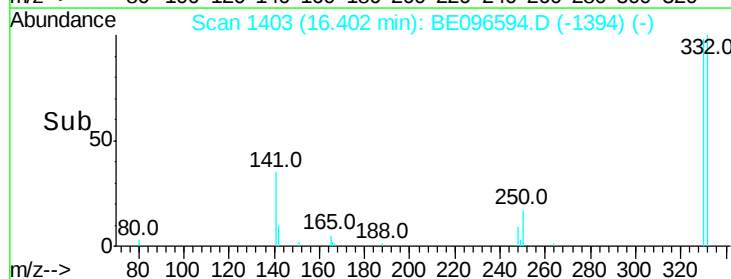
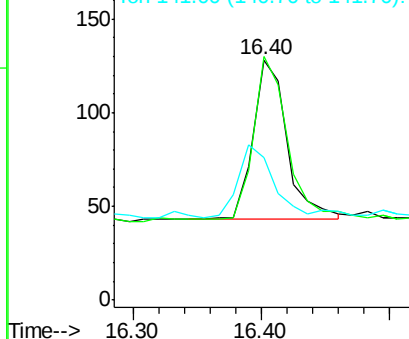


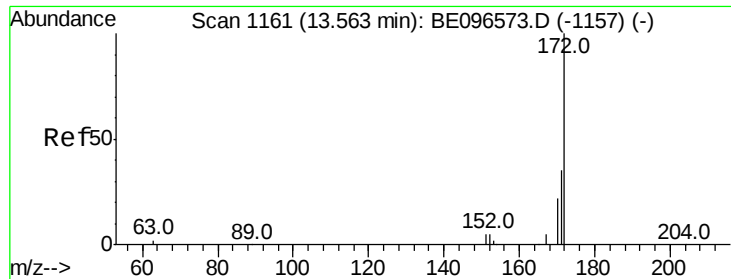
#14
 2,4,6-Tribromophenol
 Concen: 0.254 ng
 RT: 16.40 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BE096594.D
 Acq: 16 May 2018 15:31

Tgt Ion:330 Resp: 159
 Ion Ratio Lower Upper
 330 100
 332 98.7 152.7 229.1#
 141 49.1 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

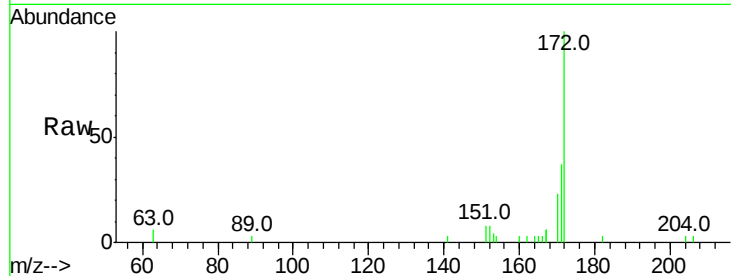




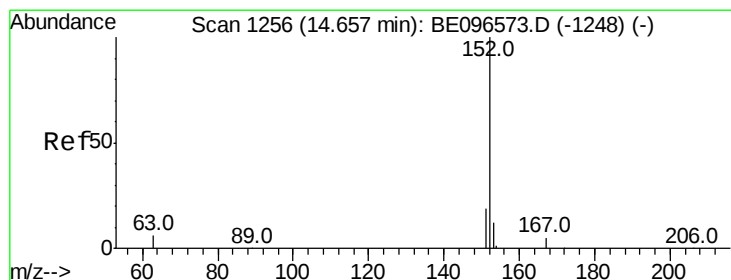
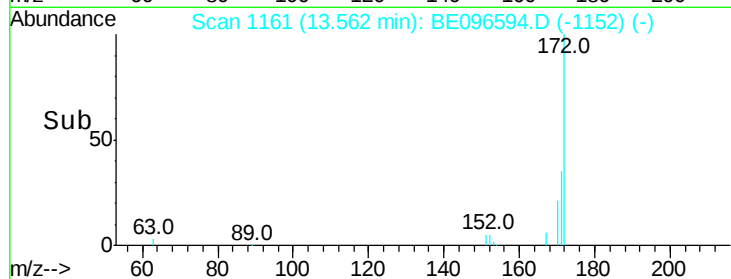
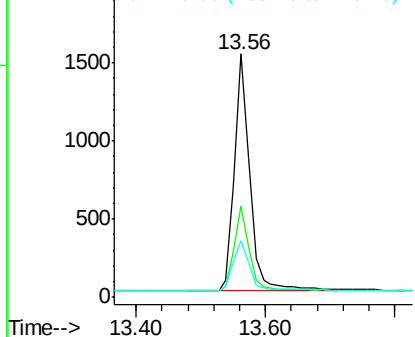
#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 13.56 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BE096594.D
Acq: 16 May 2018 15:31

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 2482
Ion Ratio Lower Upper
172 100
171 37.4 29.9 44.9
170 23.4 21.8 32.8

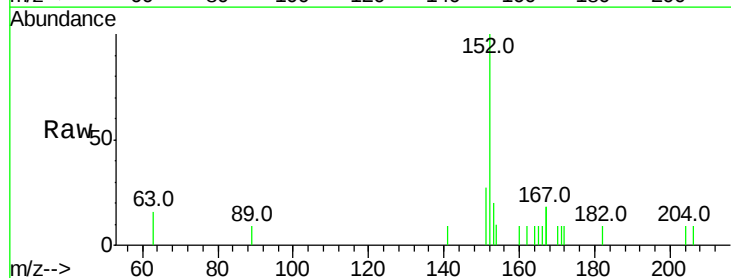


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

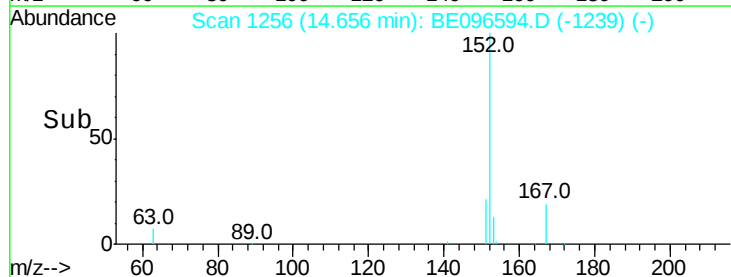
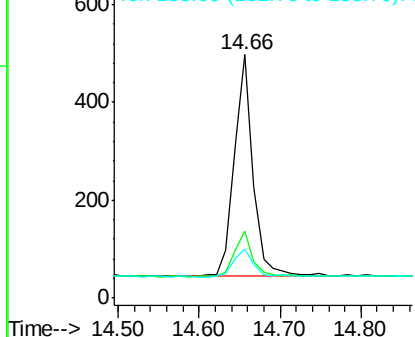


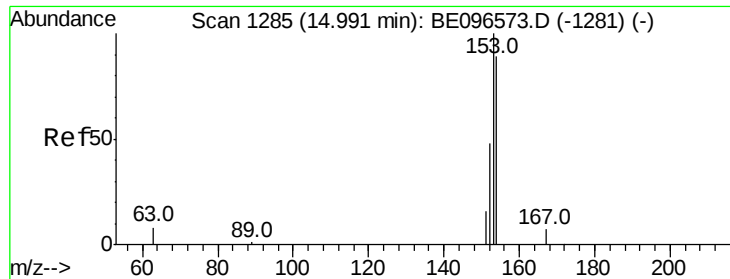
#16
Acenaphthylene
Concen: 0.088 ng
RT: 14.66 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BE096594.D
Acq: 16 May 2018 15:31

Tgt Ion:152 Resp: 727
Ion Ratio Lower Upper
152 100
151 20.9 15.7 23.5
153 14.3 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: 0.097 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BE096594.D

Acq: 16 May 2018 15:31

Instrument :

BNA_E

ClientSampleId :

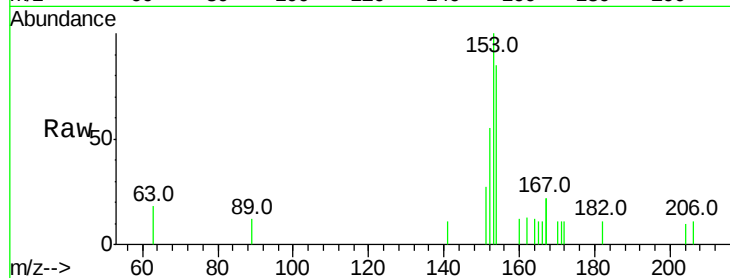
Tot Ion:154 Resp: 486

Ion Ratio Lower Upper

154 100

153 116.3 89.2 133.8

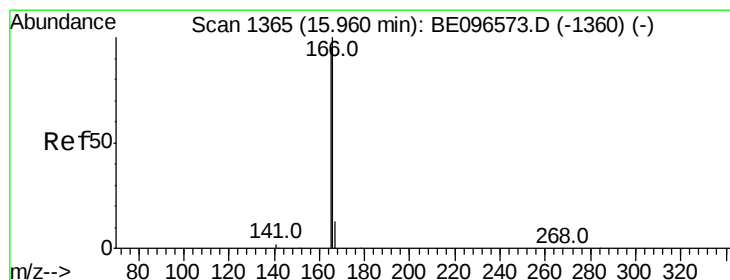
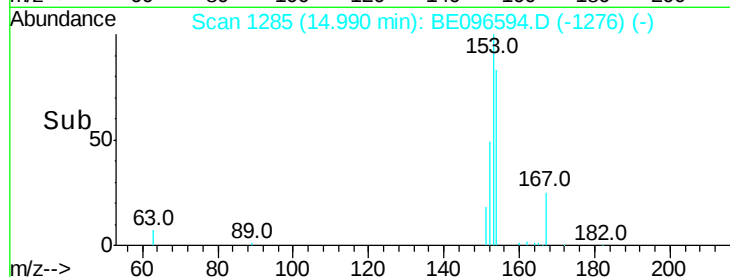
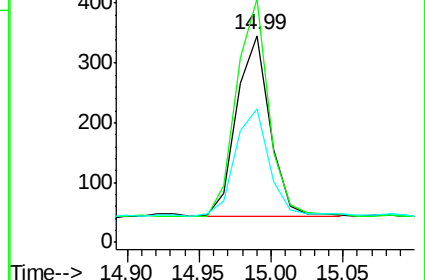
152 60.5 42.0 63.0



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: 0.110 ng

RT: 15.96 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BE096594.D

Acq: 16 May 2018 15:31

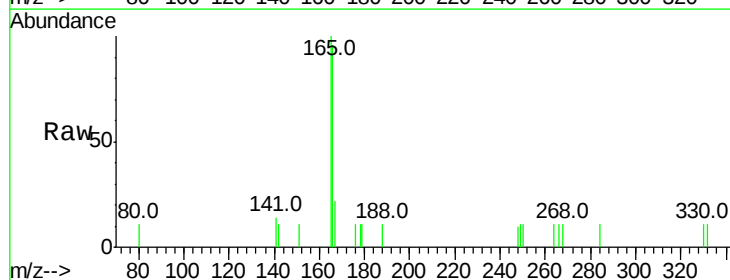
Tgt Ion:166 Resp: 689

Ion Ratio Lower Upper

166 100

165 83.2 77.8 116.6

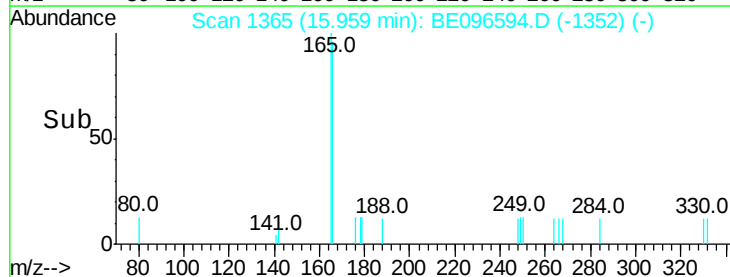
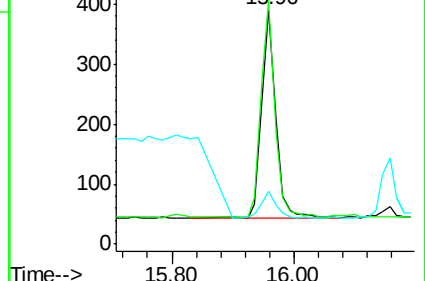
167 11.8 42.4 63.6#

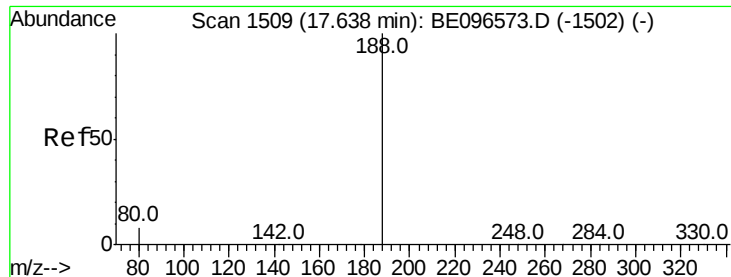


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE096594.D

Acq: 16 May 2018 15:31

Instrument :

BNA_E

ClientSampleId :

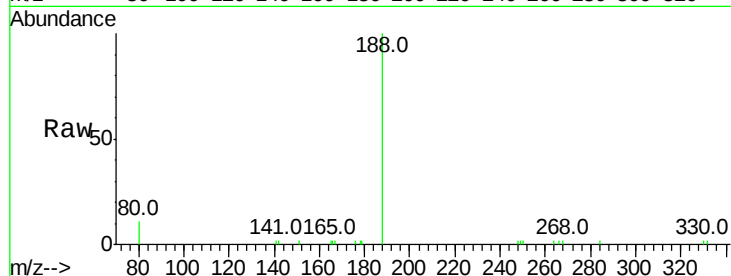
Tot Ion:188 Resp: 3623

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

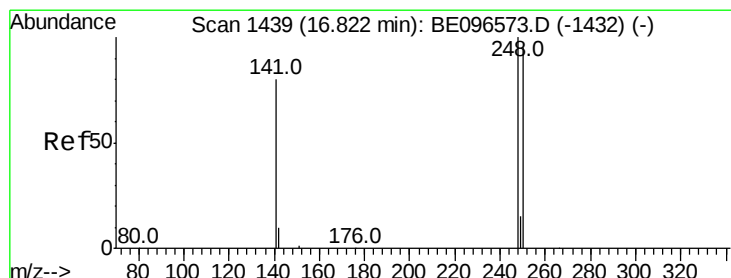
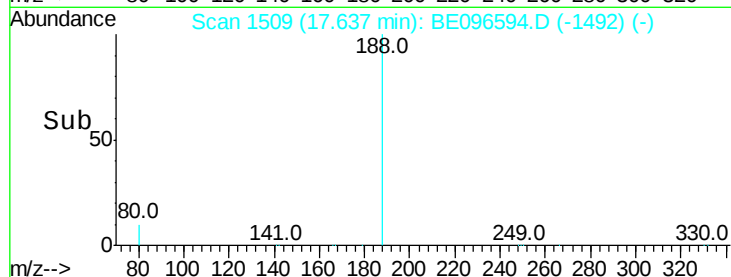
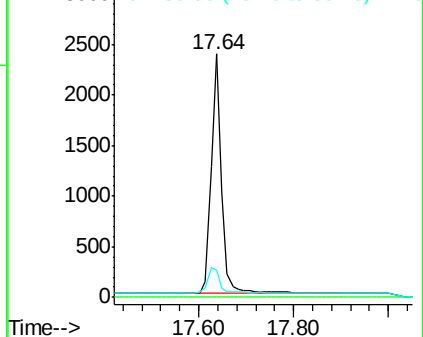
80 11.3 3.6 5.4#



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: 0.090 ng

RT: 16.82 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE096594.D

Acq: 16 May 2018 15:31

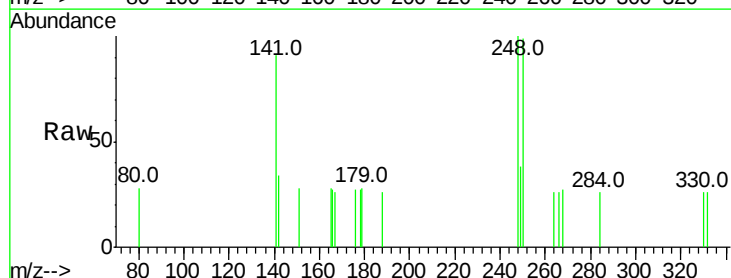
Tgt Ion:248 Resp: 198

Ion Ratio Lower Upper

248 100

250 98.8 62.7 94.1#

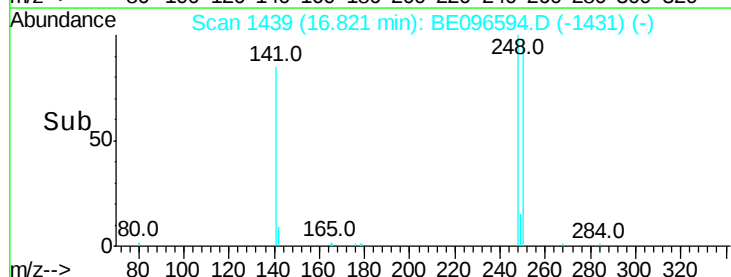
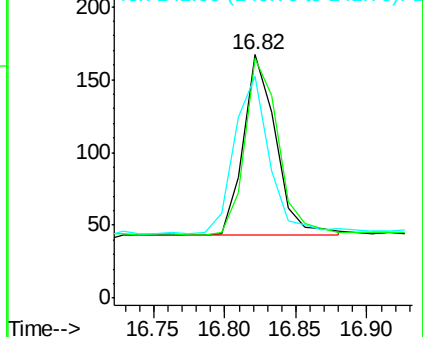
141 91.0 48.2 72.2#

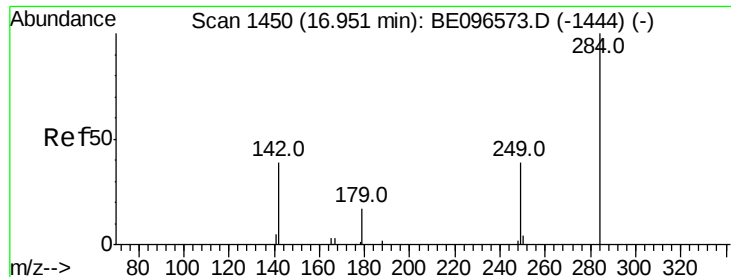


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.095 ng

RT: 16.95 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BE096594.D

Acq: 16 May 2018 15:31

Instrument :

BNA_E

ClientSampleId :

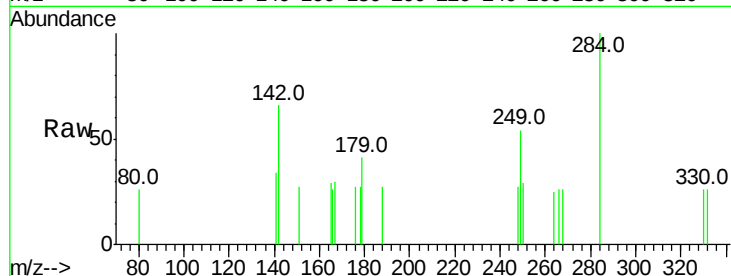
Tot Ion:284 Resp: 217

Ion Ratio Lower Upper

284 100

142 47.5 22.1 33.1#

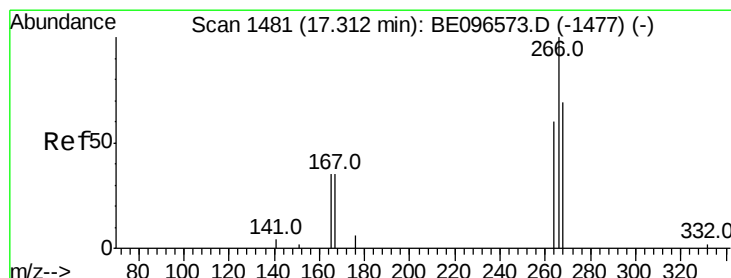
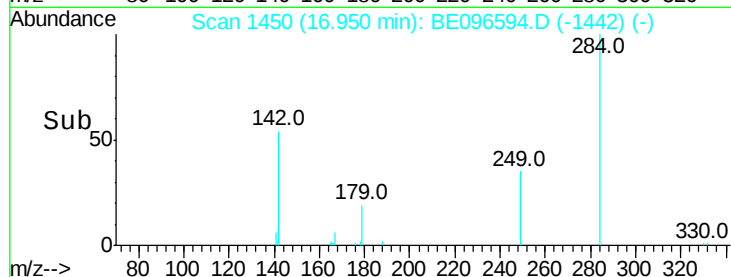
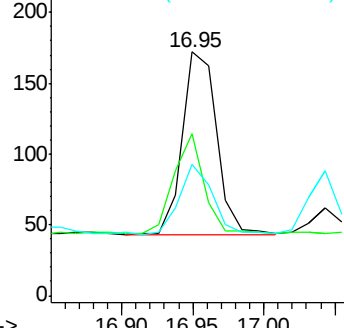
249 38.2 34.8 52.2



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: 0.207 ng

RT: 17.32 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BE096594.D

Acq: 16 May 2018 15:31

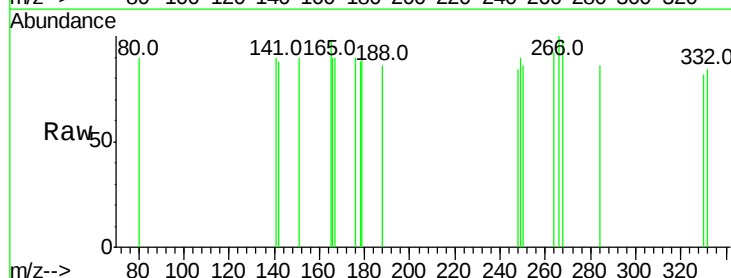
Tgt Ion:266 Resp: 18

Ion Ratio Lower Upper

266 100

264 92.2 72.5 108.7

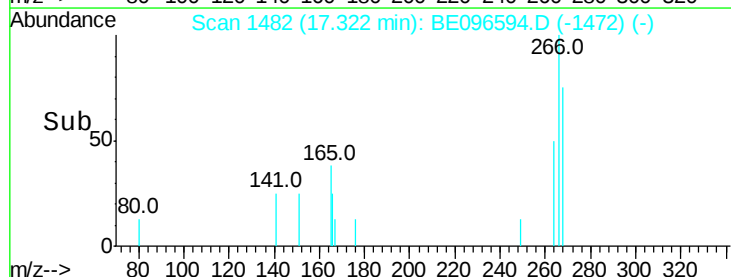
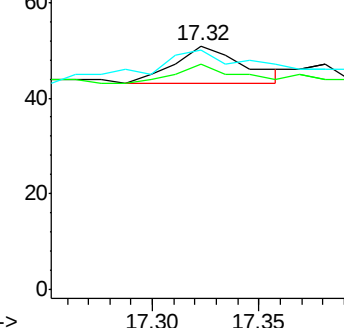
268 98.0 73.8 110.6

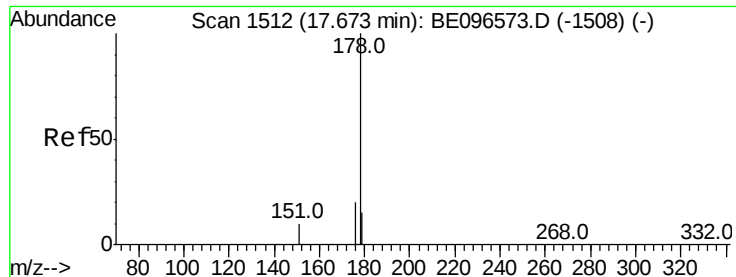


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.089 ng

RT: 17.67 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE096594.D

Acq: 16 May 2018 15:31

Instrument :

BNA_E

ClientSampleId :

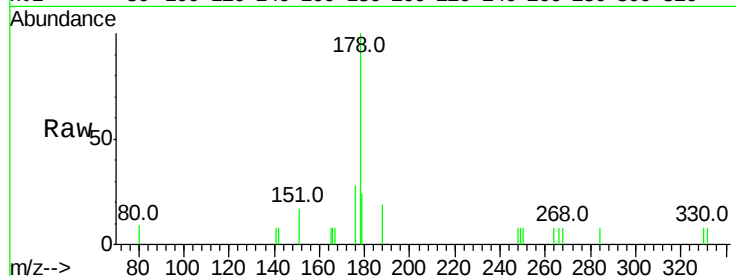
Tot Ion:178 Resp: 905

Ion Ratio Lower Upper

178 100

176 19.7 15.1 22.7

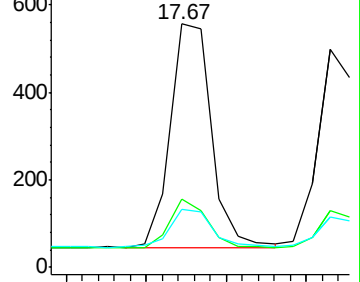
179 16.0 11.8 17.6



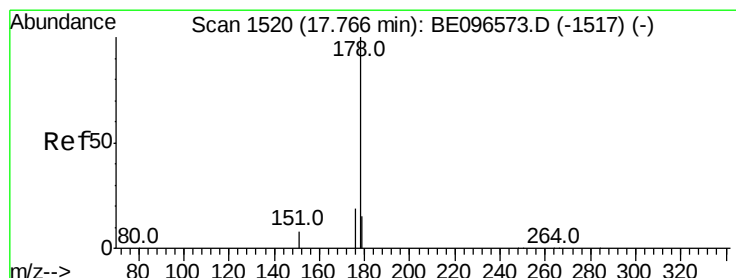
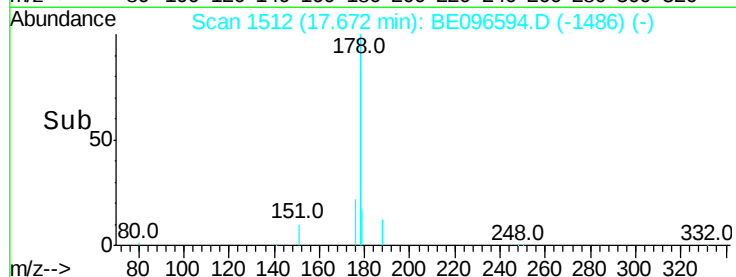
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.086 ng

RT: 17.77 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BE096594.D

Acq: 16 May 2018 15:31

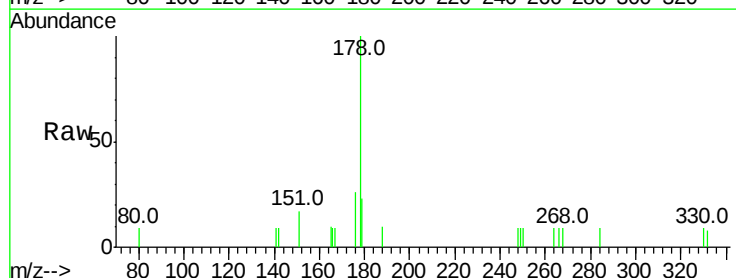
Tgt Ion:178 Resp: 818

Ion Ratio Lower Upper

178 100

176 17.8 12.8 19.2

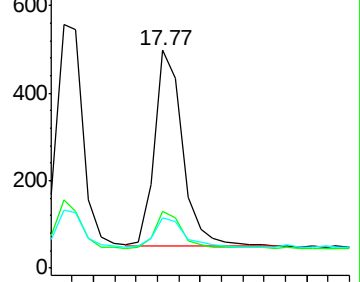
179 15.5 13.0 19.6



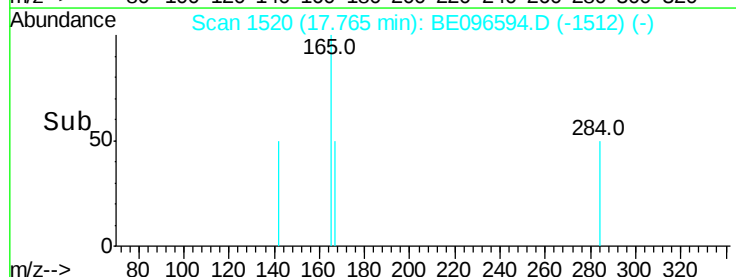
Abundance Ion 178.00 (177.70 to 178.70): E

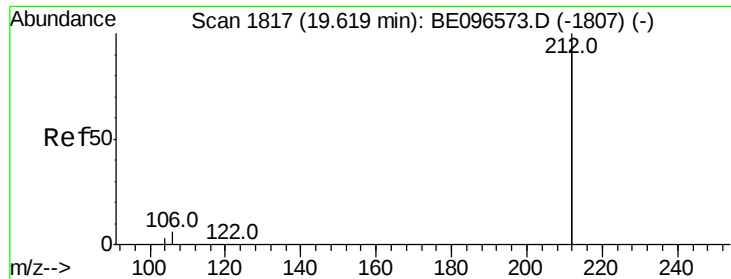
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

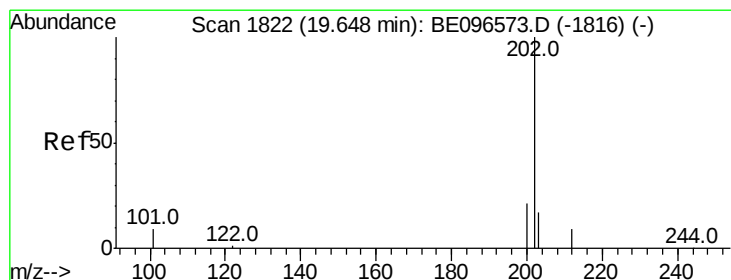
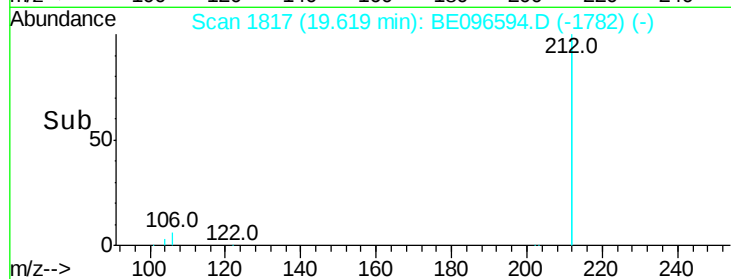
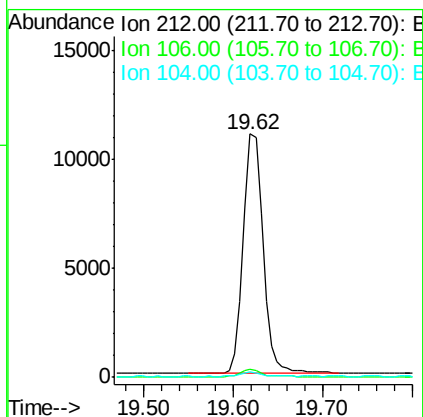
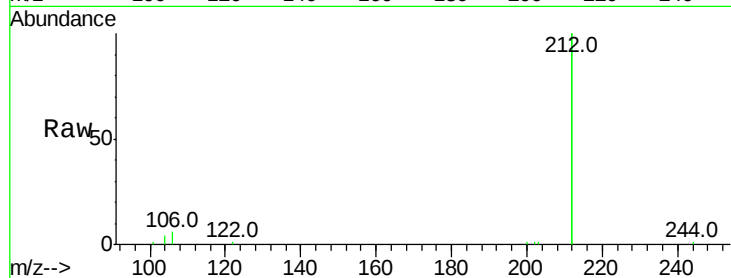




#25
 Fluoranthene-d10
 Concen: 0.371 ng
 RT: 19.62 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BE096594.D
 Acq: 16 May 2018 15:31

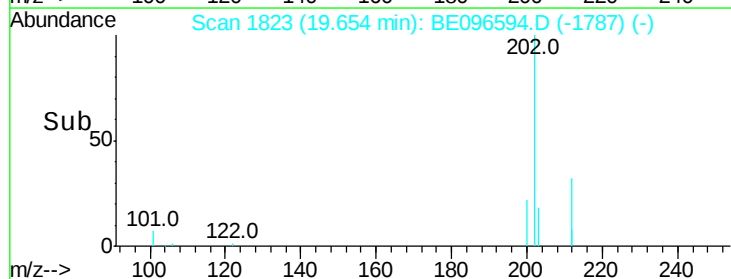
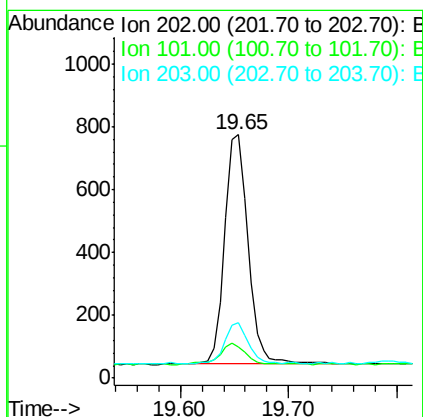
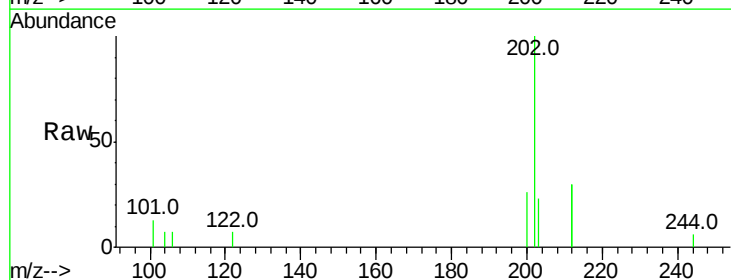
Instrument :
 BNA_E
 ClientSampled :

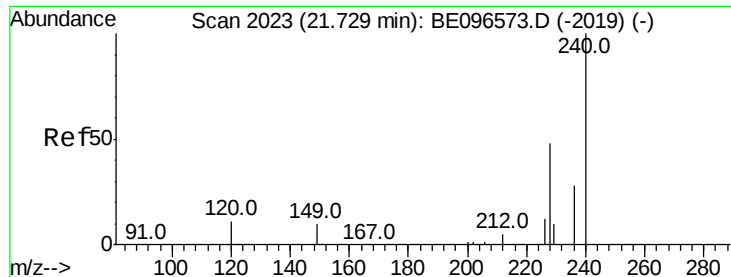
Tot Ion:212 Resp: 16444
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.8 4.2#
 104 1.5 1.6 2.4#



#26
 Fluoranthene
 Concen: 0.089 ng
 RT: 19.65 min Scan# 1823
 Delta R.T. 0.01 min
 Lab File: BE096594.D
 Acq: 16 May 2018 15:31

Tgt Ion:202 Resp: 1088
 Ion Ratio Lower Upper
 202 100
 101 10.1 9.8 14.8
 203 17.8 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: BE096594.D

Acq: 16 May 2018 15:31

Instrument :

BNA_E

ClientSampleId :

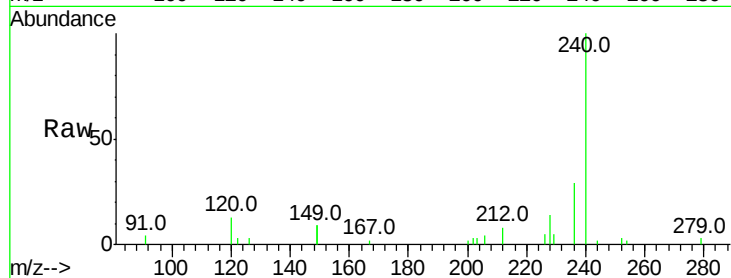
Tot Ion:240 Resp: 3386

Ion Ratio Lower Upper

240 100

120 12.5 5.5 8.3#

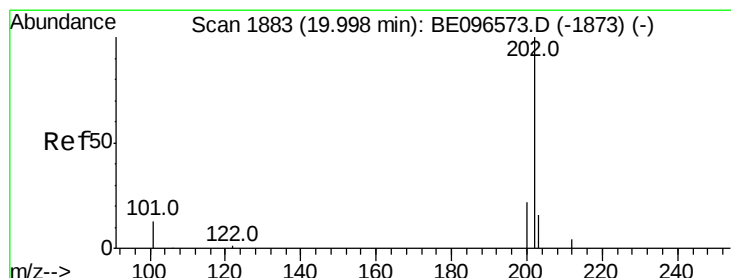
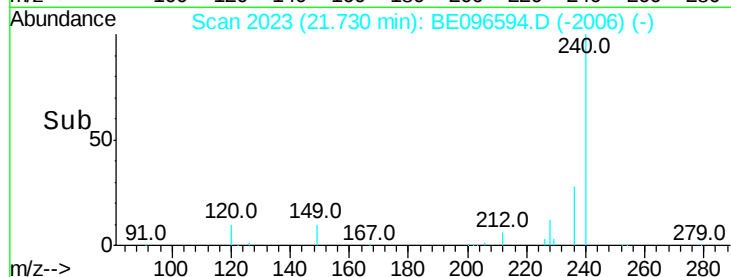
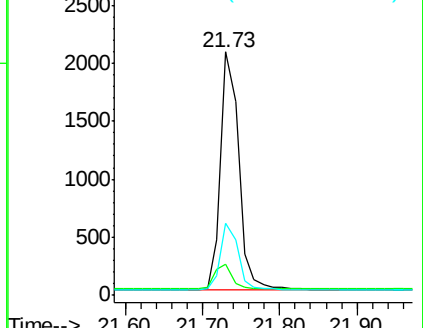
236 29.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.084 ng

RT: 20.00 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BE096594.D

Acq: 16 May 2018 15:31

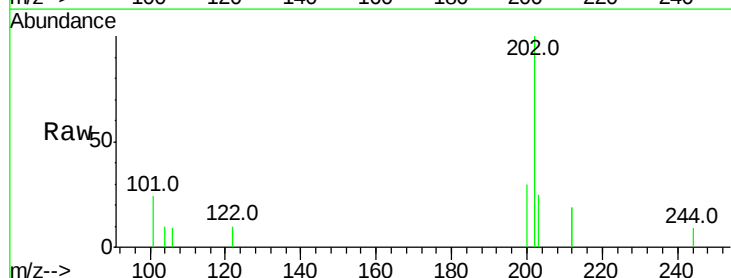
Tgt Ion:202 Resp: 512

Ion Ratio Lower Upper

202 100

200 24.2 16.6 25.0

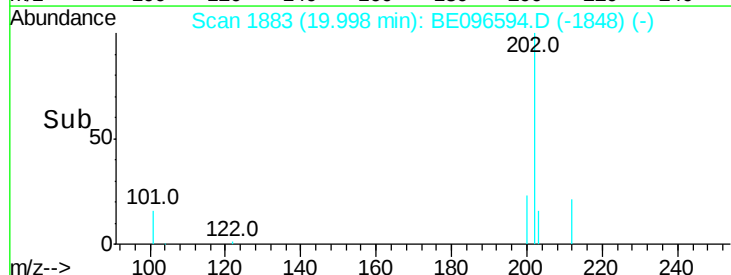
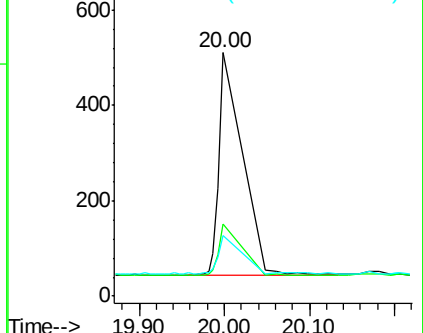
203 20.1 13.8 20.8

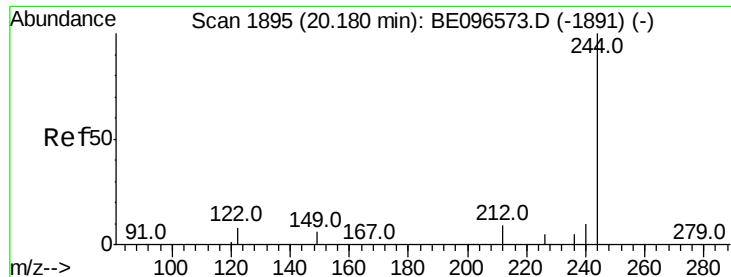


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.326 ng

RT: 20.18 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BE096594.D

Acq: 16 May 2018 15:31

Instrument :

BNA_E

ClientSampleId :

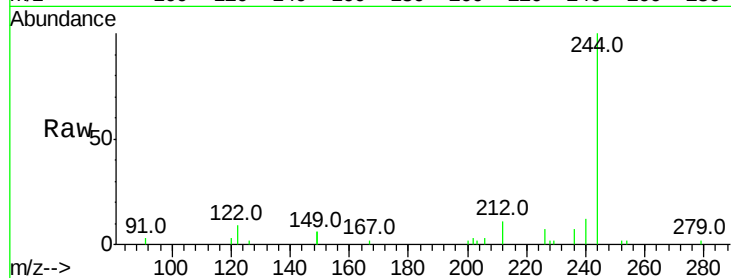
Tot Ion:244 Resp: 2499

Ion Ratio Lower Upper

244 100

212 10.9 25.4 38.0#

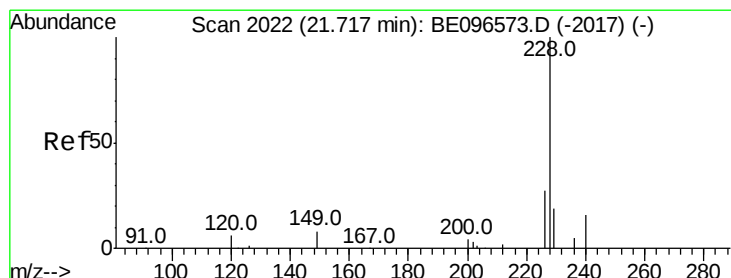
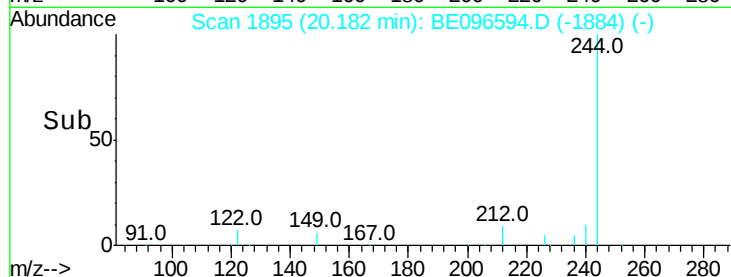
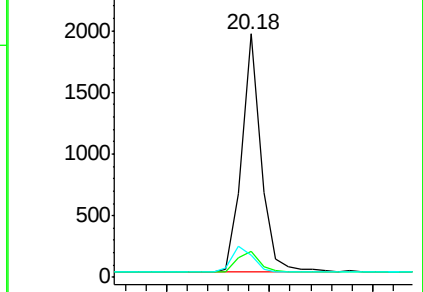
122 8.9 8.1 12.1



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: 0.091 ng

RT: 21.72 min Scan# 222

Delta R.T. 0.00 min

Lab File: BE096594.D

Acq: 16 May 2018 15:31

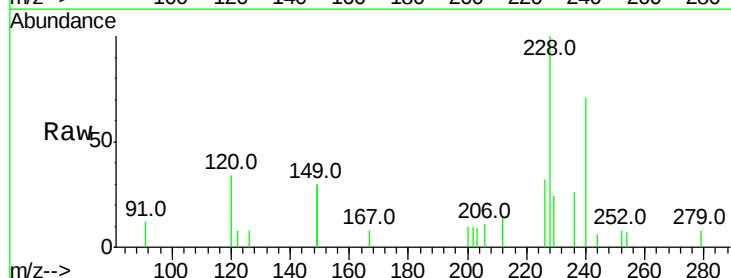
Tgt Ion:228 Resp: 947

Ion Ratio Lower Upper

228 100

226 32.0 24.0 36.0

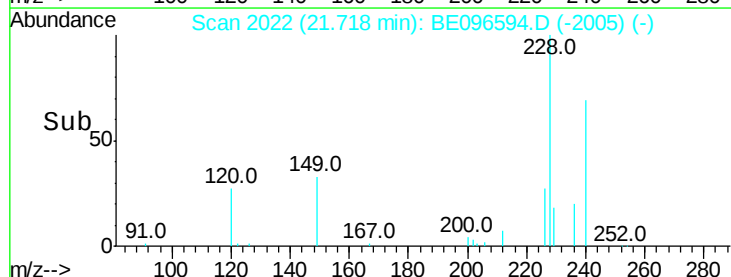
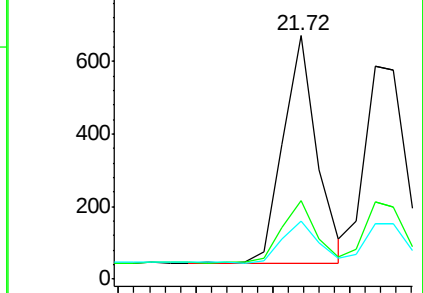
229 23.8 16.0 24.0

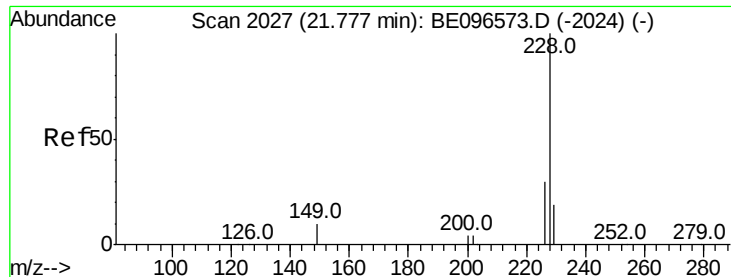


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.050 ng

RT: 21.72 min Scan# 2022

Delta R.T. -0.06 min

Lab File: BE096594.D

Acq: 16 May 2018 15:31

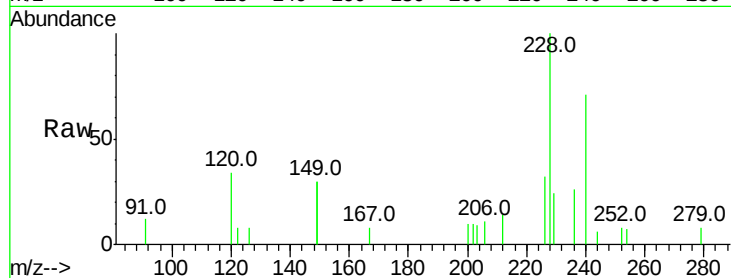
Instrument :

BNA_E

ClientSampled :

Tot Ion:228 Resp: 546

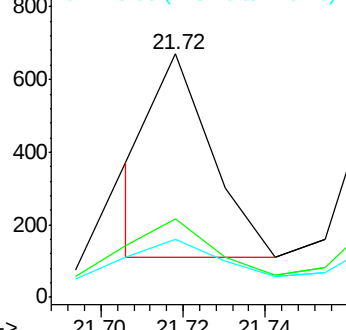
Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.0	36.0
229	23.8	16.0	24.0



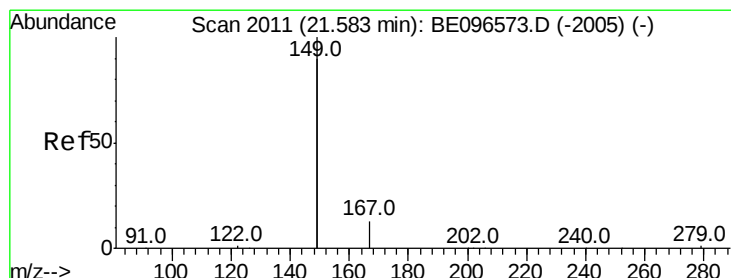
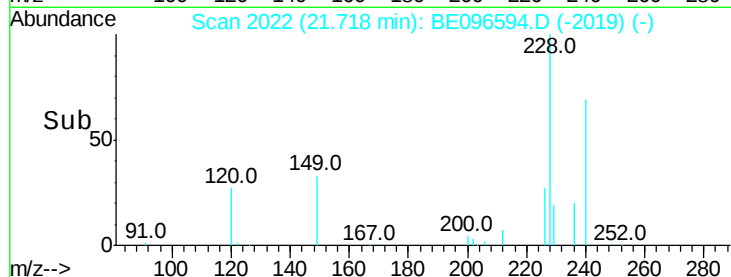
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.089 ng

RT: 21.59 min Scan# 2011

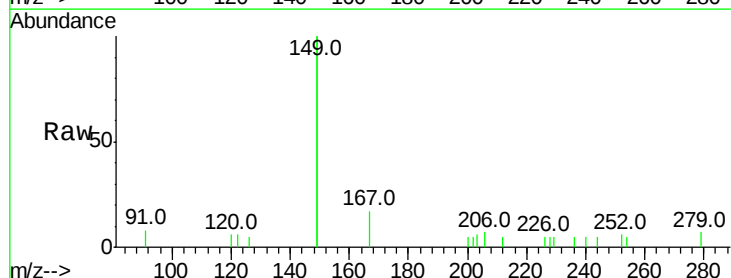
Delta R.T. 0.00 min

Lab File: BE096594.D

Acq: 16 May 2018 15:31

Tgt Ion:149 Resp: 1986

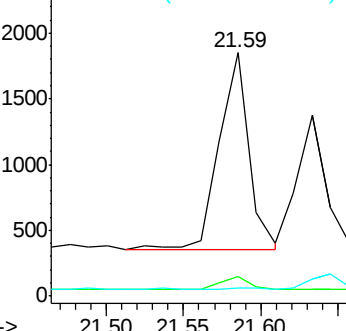
Ion	Ratio	Lower	Upper
149	100		
167	7.0	5.4	8.0
279	0.0	0.7	1.1#



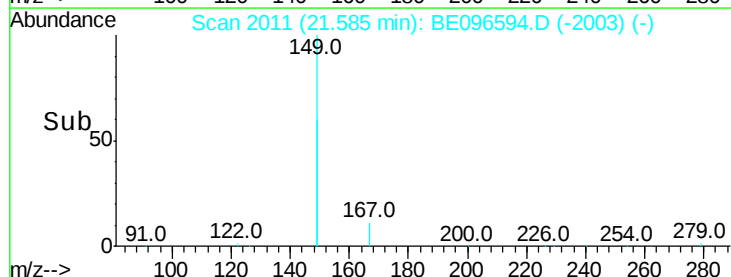
Abundance Ion 149.00 (148.70 to 149.70): E

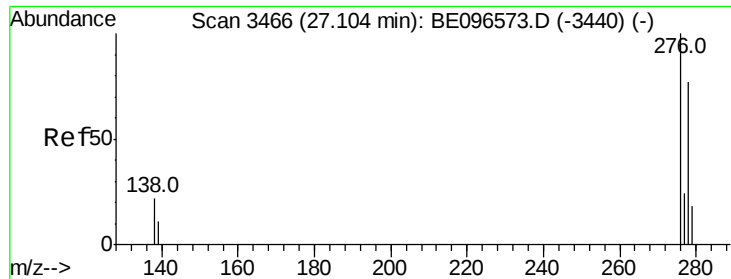
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.084 ng

RT: 27.10 min Scan# 3466

Delta R.T. 0.00 min

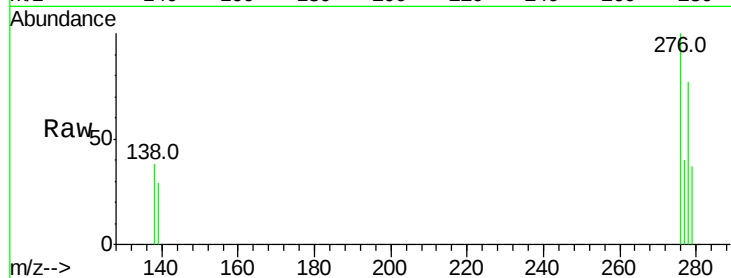
Lab File: BE096594.D

Acq: 16 May 2018 15:31

Instrument :

BNA_E

ClientSampleId :



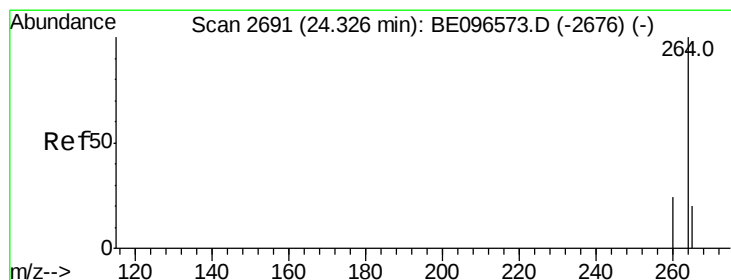
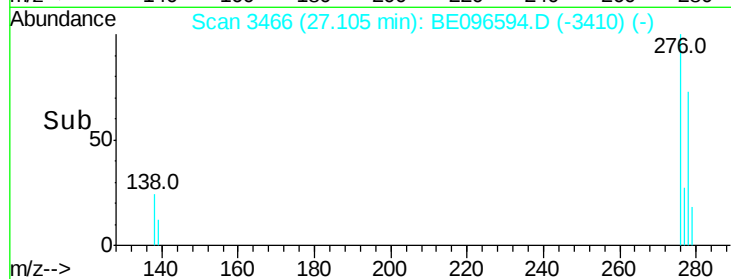
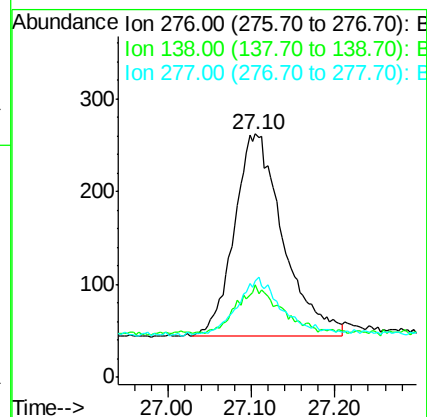
Tot Ion:276 Resp: 875

Ion Ratio Lower Upper

276 100

138 21.3 22.5 33.7#

277 24.0 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: BE096594.D

Acq: 16 May 2018 15:31

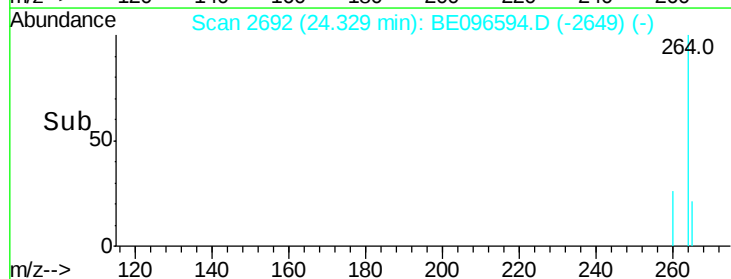
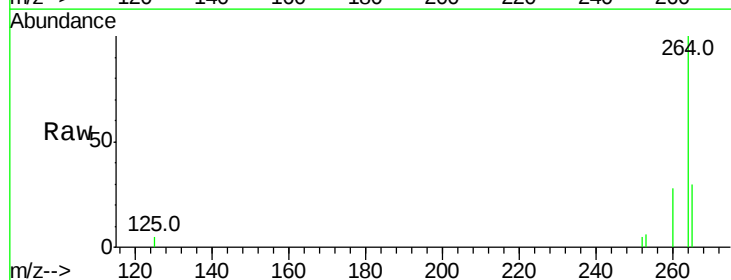
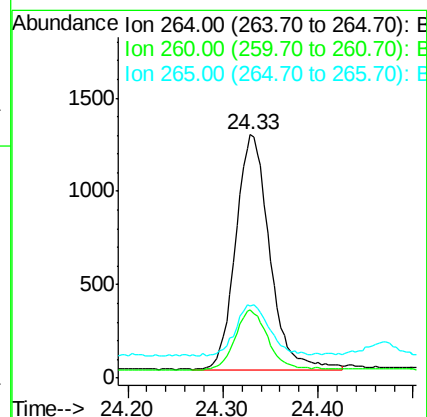
Tgt Ion:264 Resp: 3112

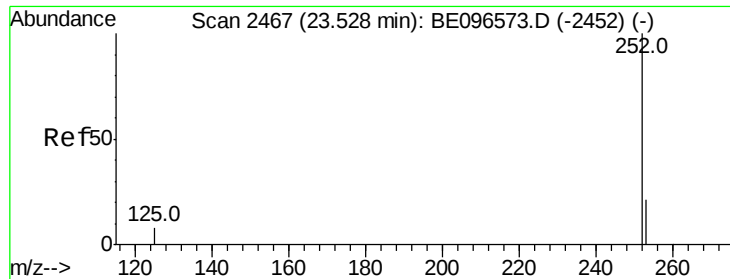
Ion Ratio Lower Upper

264 100

260 28.1 20.5 30.7

265 29.8 22.8 34.2

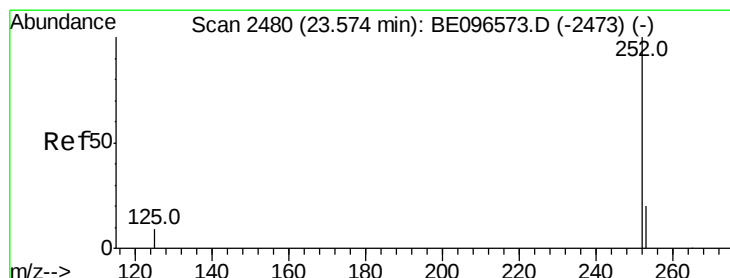
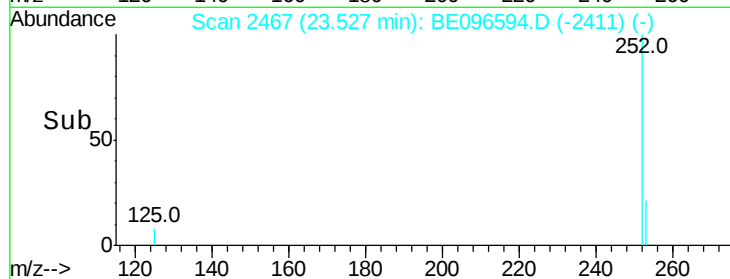
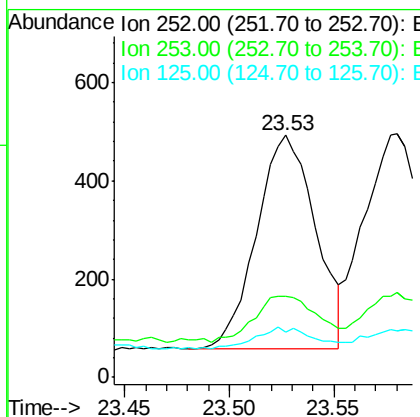
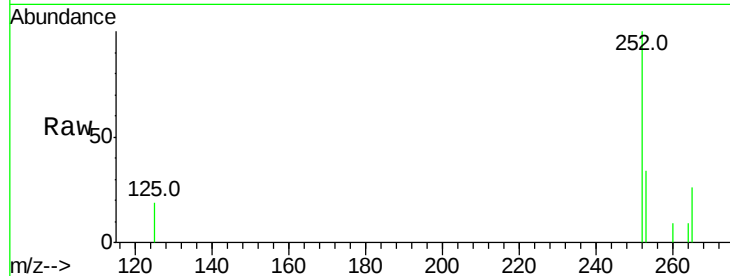




#35
Benzo(b)fluoranthene
Concen: 0.089 ng
RT: 23.53 min Scan# 2467
Delta R.T. -0.00 min
Lab File: BE096594.D
Acq: 16 May 2018 15:31

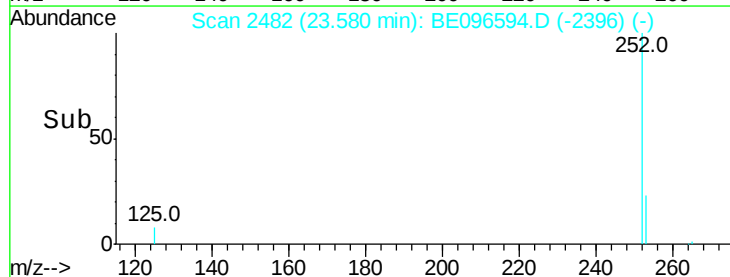
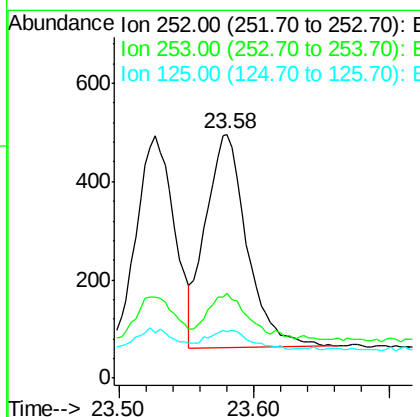
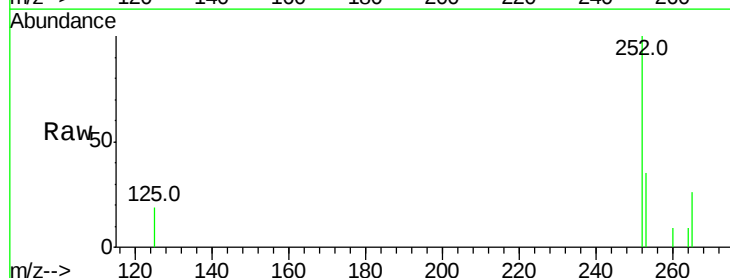
Instrument :
BNA_E
ClientSampleId :

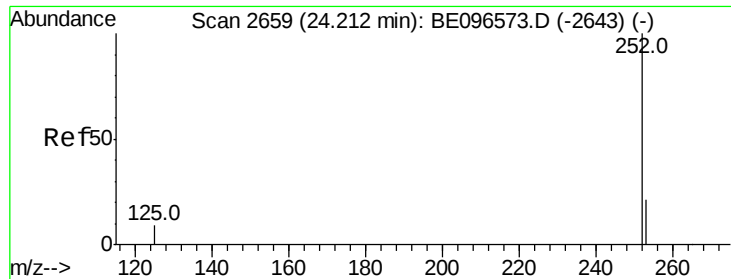
Tot Ion:252 Resp: 857
Ion Ratio Lower Upper
252 100
253 33.7 20.0 30.0#
125 18.9 16.0 24.0



#36
Benzo(k)fluoranthene
Concen: 0.091 ng
RT: 23.58 min Scan# 2482
Delta R.T. 0.01 min
Lab File: BE096594.D
Acq: 16 May 2018 15:31

Tgt Ion:252 Resp: 923
Ion Ratio Lower Upper
252 100
253 34.7 16.0 24.0#
125 19.2 8.0 12.0#

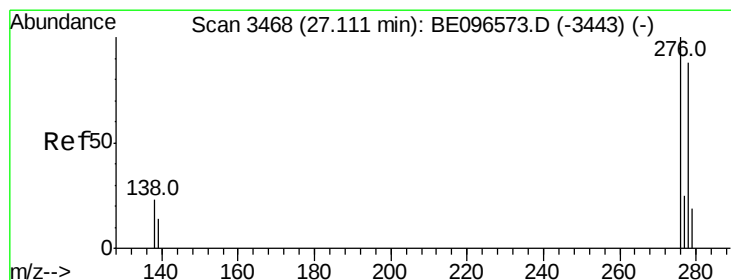
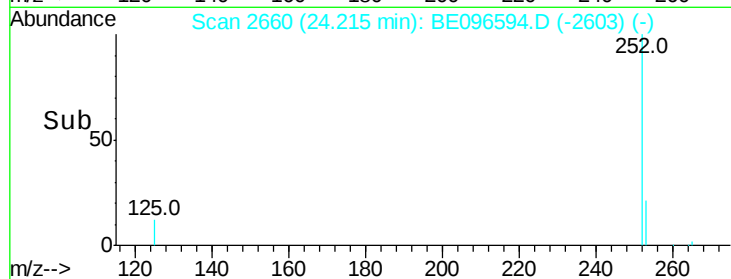
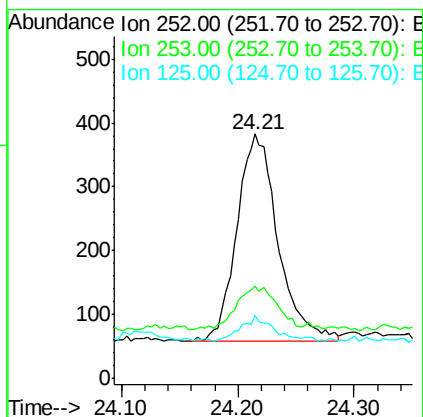
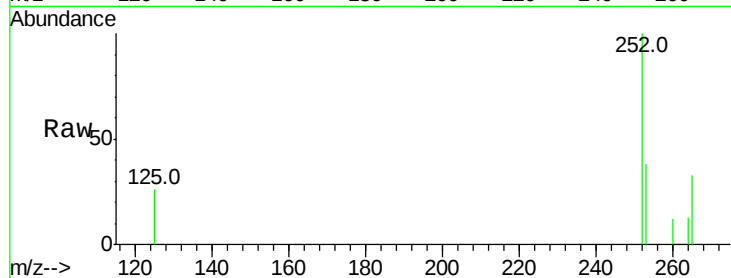




#37
Benzo(a)pyrene
Concen: 0.086 ng
RT: 24.21 min Scan# 2660
Delta R.T. 0.00 min
Lab File: BE096594.D
Acq: 16 May 2018 15:31

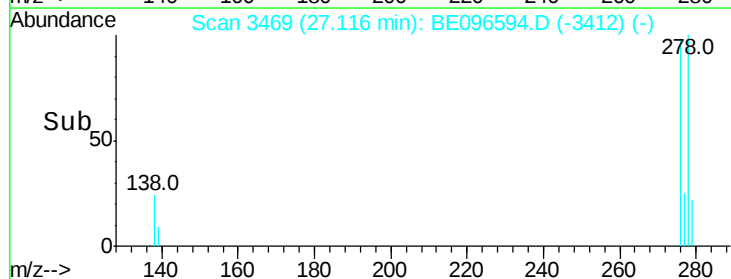
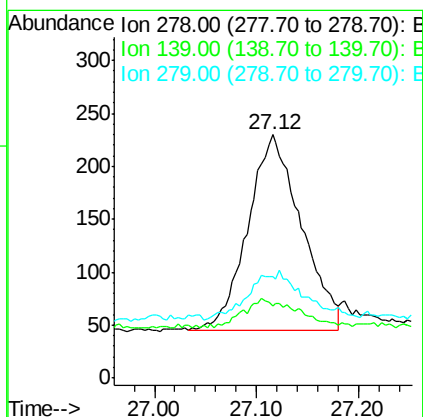
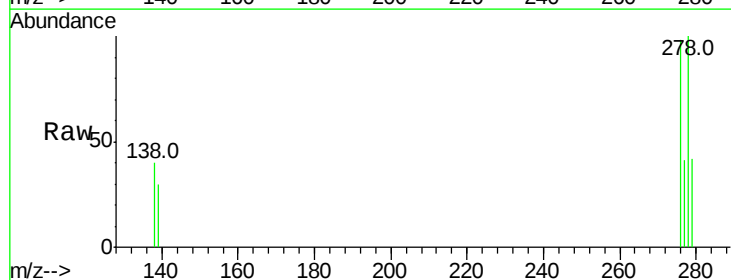
Instrument :
BNA_E
ClientSampleId :

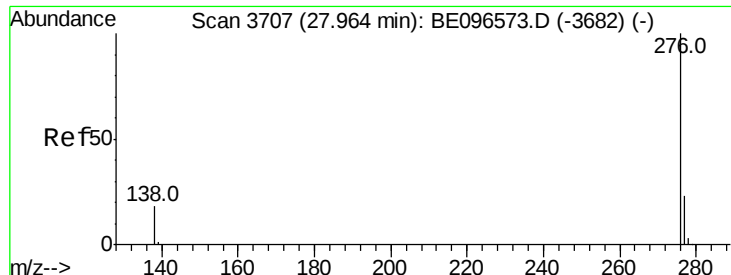
Tot Ion:252 Resp: 791
Ion Ratio Lower Upper
252 100
253 37.6 16.0 24.0#
125 25.6 12.0 18.0#



#38
Dibenzo(a,h)anthracene
Concen: 0.080 ng
RT: 27.12 min Scan# 3469
Delta R.T. 0.00 min
Lab File: BE096594.D
Acq: 16 May 2018 15:31

Tgt Ion:278 Resp: 674
Ion Ratio Lower Upper
278 100
139 29.6 16.0 24.0#
279 41.7 20.0 30.0#





#39

Benzo(a,h,i)perylene

Concen: 0.093 ng

RT: 27.96 min Scan# 3707

Delta R.T. 0.00 min

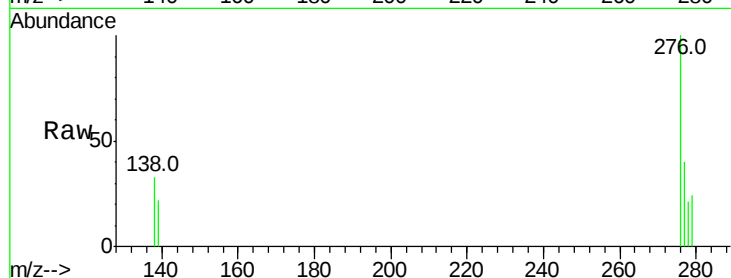
Lab File: BE096594.D

Acq: 16 May 2018 15:31

Instrument :

BNA_E

ClientSampleId :



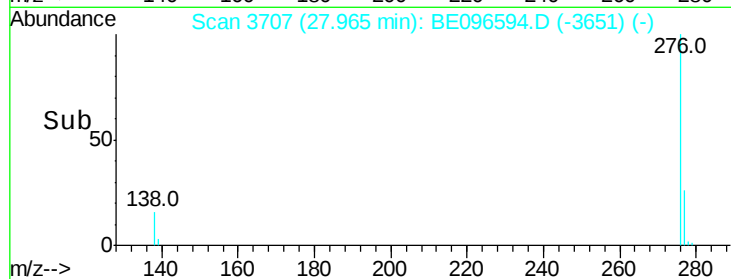
Tot Ion: 276 Resp: 813

Ion Ratio Lower Upper

276 100

277 40.0 16.0 24.0#

138 32.8 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

