

Data File : BE096615.D
Acq On : 17 May 2018 18:30
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 18 05:16:26 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	713	0.40	ng	0.00
7) Naphthalene-d8	11.17	136	2954	0.40	ng	-0.01
13) Acenaphthene-d10	14.92	164	1640	0.40	ng	0.00
19) Phenanthrene-d10	17.64	188	3650	0.40	ng	0.00
27) Chrysene-d12	21.73	240	3458	0.40	ng	0.00
34) Perylene-d12	24.33	264	3207	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.85	112	713	0.36	ng	0.00
5) Phenol-d6	7.50	99	1001	0.36	ng	0.00
8) Nitrobenzene-d5	9.42	82	119	0.04	ng	-0.10
11) 2-Methylnaphthalene-d10	12.72	152	1765	0.37	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	236	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	2793	0.40	ng	0.00
25) Fluoranthene-d10	19.62	212	16453	0.37	ng	0.00
29) Terphenyl-d14	20.18	244	2955	0.38	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.58	88	404	0.38	ng	92
3) n-Nitrosodimethylamine	3.95	42	498	0.37	ng	# 72
6) bis(2-Chloroethyl)ether	7.74	93	1002	0.38	ng	86
9) Naphthalene	11.22	128	11609	0.37	ng	100
10) Hexachlorobutadiene	11.48	225	627	0.36	ng	92
12) 2-Methylnaphthalene	12.79	142	1955	0.37	ng	# 92
16) Acenaphthylene	14.66	152	3289	0.38	ng	100
17) Acenaphthene	14.98	154	1994	0.38	ng	92
18) Fluorene	15.95	166	2439	0.38	ng	# 77
20) 4-Bromophenyl-phenylether	16.82	248	857	0.39	ng	# 77
21) Hexachlorobenzene	16.95	284	890	0.39	ng	# 80
22) Pentachlorophenol	17.31	266	138	0.37	ng	89
23) Phenanthrene	17.67	178	3879	0.38	ng	99
24) Anthracene	17.77	178	3514	0.37	ng	95
26) Fluoranthene	19.65	202	4567	0.37	ng	# 97
28) Pyrene	20.00	202	2444	0.39	ng	# 95
30) Benzo(a)anthracene	21.72	228	3927	0.37	ng	98
31) Chrysene	21.78	228	4210	0.38	ng	98
32) Bis(2-ethylhexyl)phthalate	21.58	149	7902	0.35	ng	100
33) Indeno(1,2,3-cd)pyrene	27.09	276	3992	0.38	ng	# 92
35) Benzo(b)fluoranthene	23.52	252	3761	0.38	ng	# 91
36) Benzo(k)fluoranthene	23.57	252	3988	0.38	ng	# 93
37) Benzo(a)pyrene	24.21	252	3573	0.38	ng	# 91
38) Dibenzo(a,h)anthracene	27.11	278	3169	0.37	ng	95
39) Benzo(g,h,i)perylene	27.96	276	3421	0.38	ng	# 91

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

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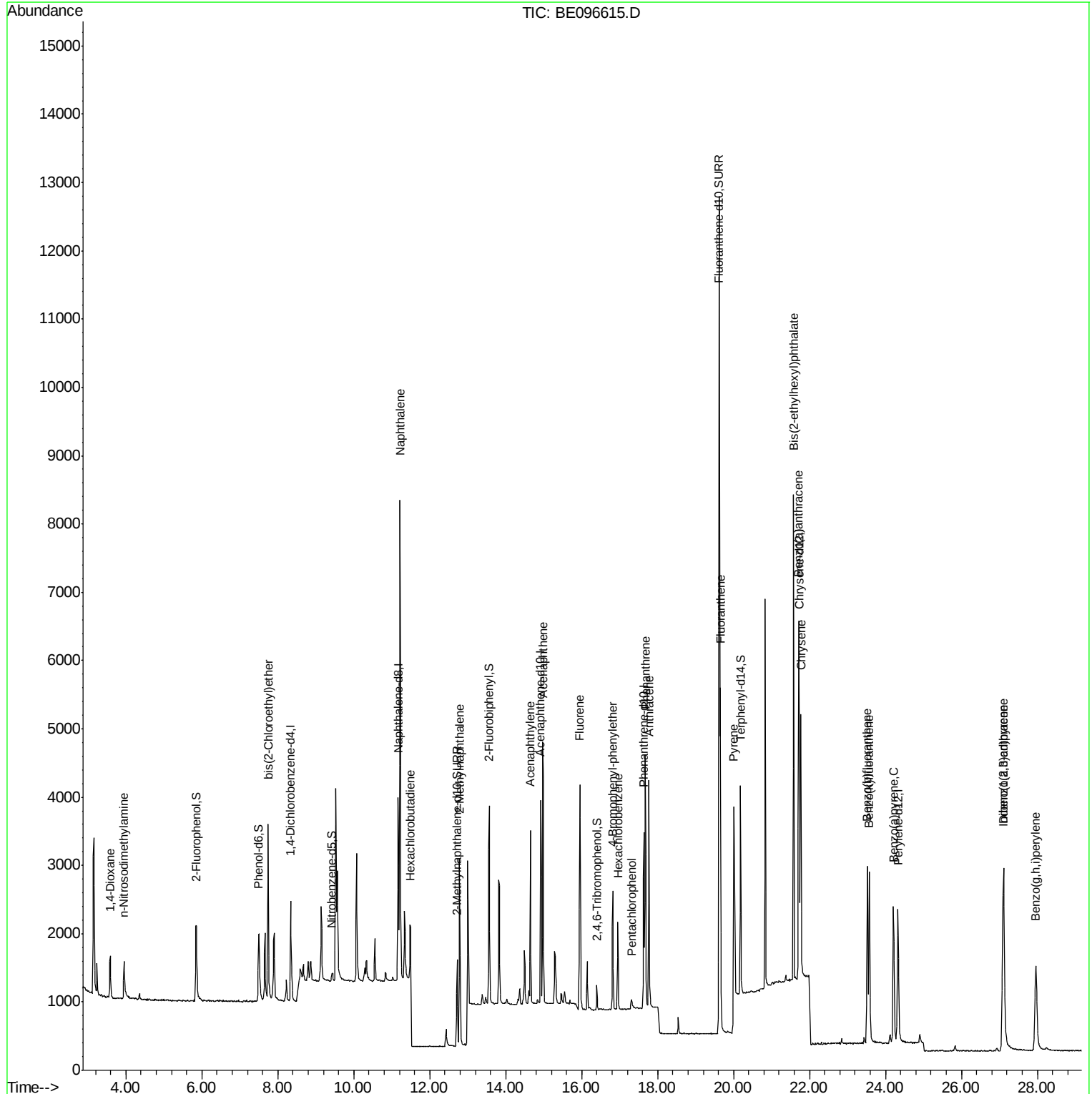
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 8.34 min Scan# 560

Delta R.T. -0.00 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

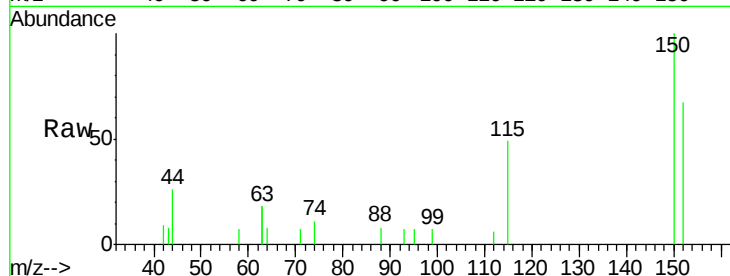
Tgt Ion:152 Resp: 713

Ion Ratio Lower Upper

152 100

150 149.8 117.2 175.8

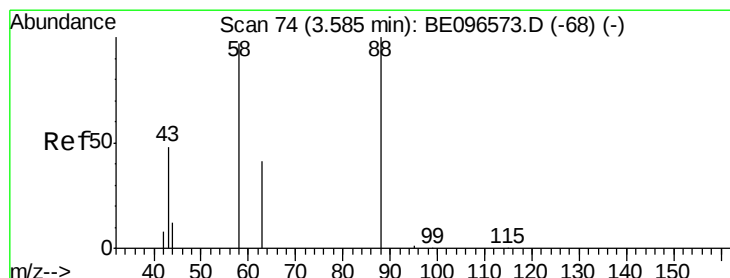
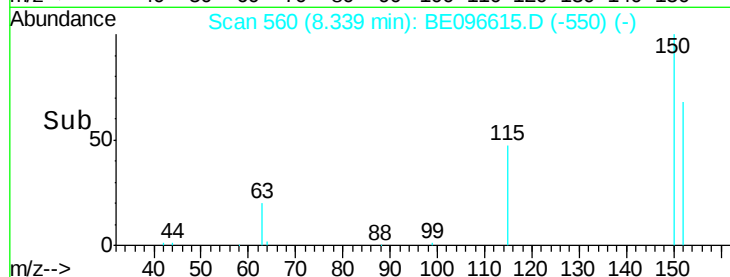
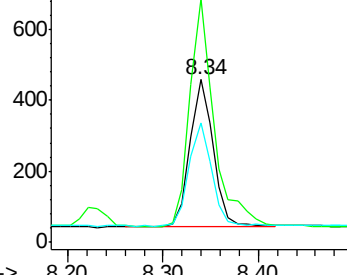
115 73.6 57.0 85.6



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: 0.38 ng

RT: 3.58 min Scan# 74

Delta R.T. -0.00 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

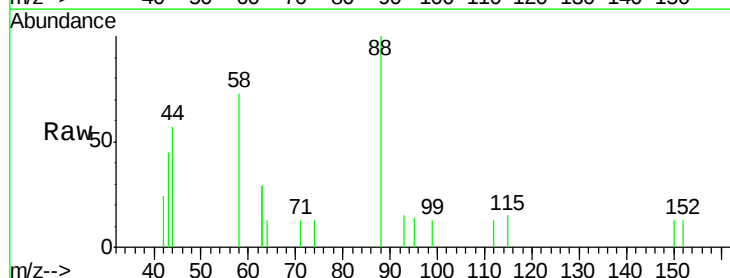
Tgt Ion: 88 Resp: 404

Ion Ratio Lower Upper

88 100

58 84.2 63.2 94.8

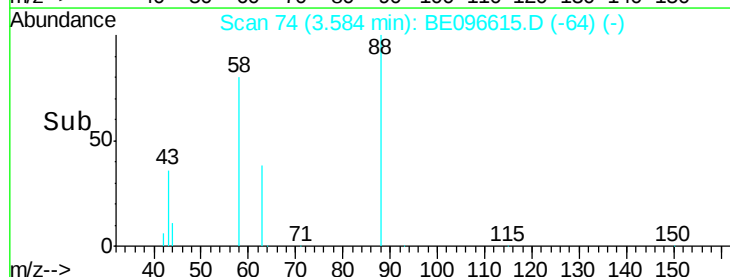
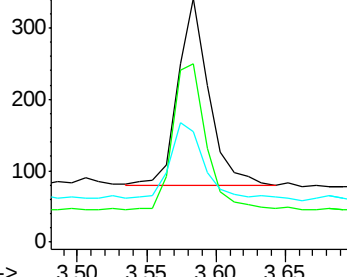
43 42.8 41.2 61.8

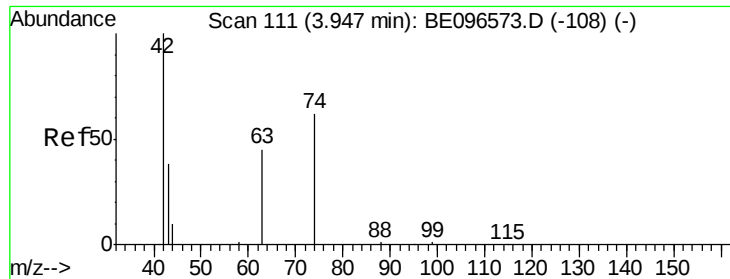


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.37 ng

RT: 3.95 min Scan# 111

Delta R.T. -0.00 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

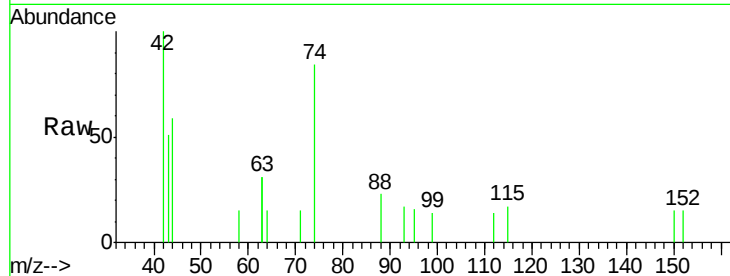
Tgt Ion: 42 Resp: 498

Ion Ratio Lower Upper

42 100

74 88.0 96.0 144.0#

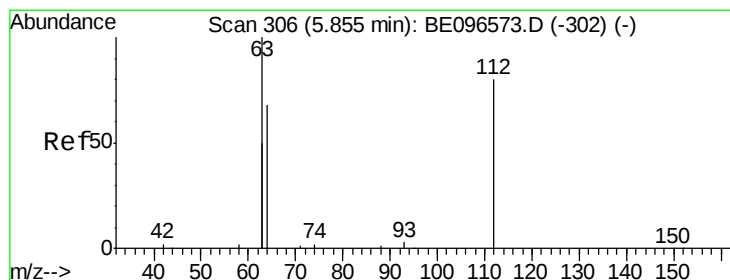
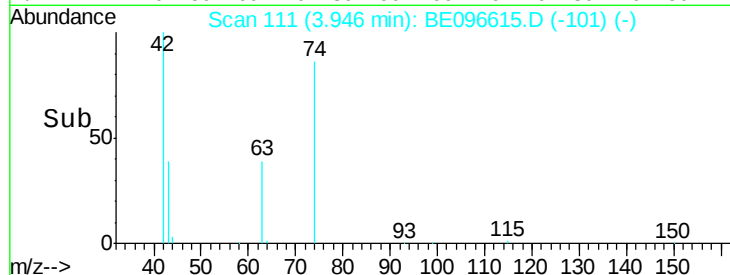
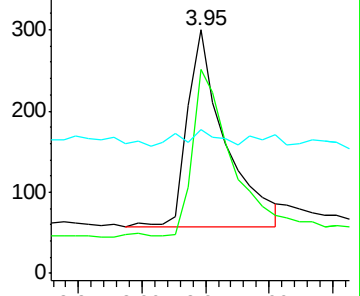
44 7.8 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.36 ng

RT: 5.85 min Scan# 306

Delta R.T. -0.00 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

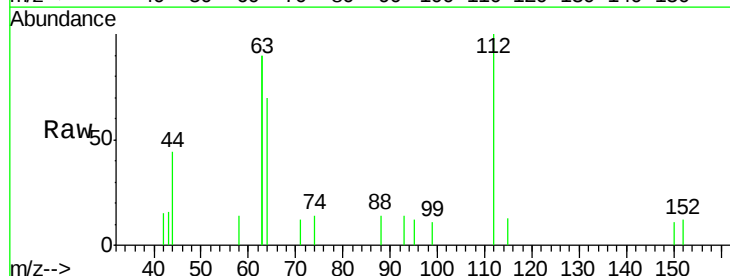
Tgt Ion: 112 Resp: 713

Ion Ratio Lower Upper

112 100

64 73.9 60.1 90.1

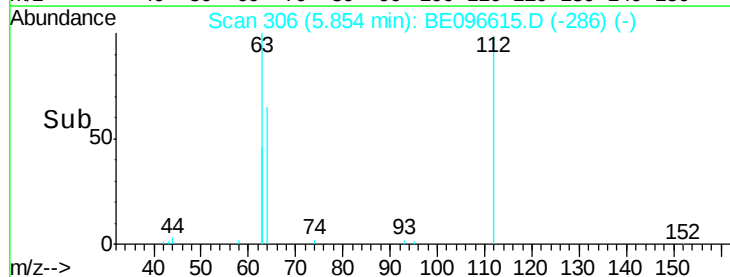
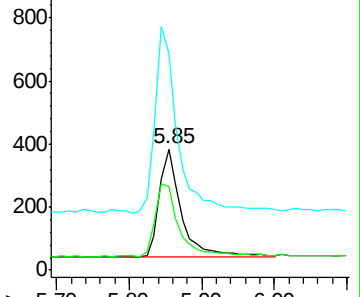
63 179.9 116.8 175.2#

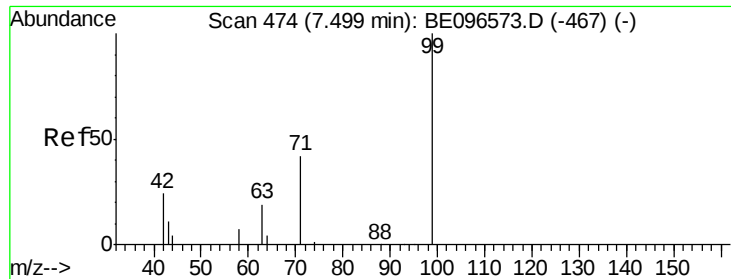


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.36 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.00 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

Instrument :

BNA_E

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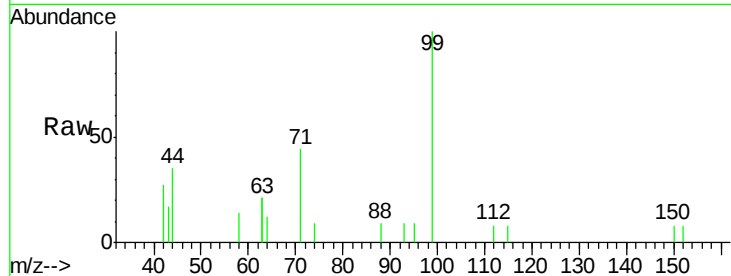
Tgt Ion: 99 Resp: 1001

Ion Ratio Lower Upper

99 100

42 30.3 20.2 30.2#

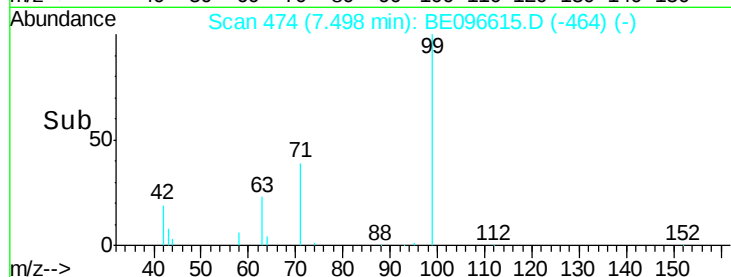
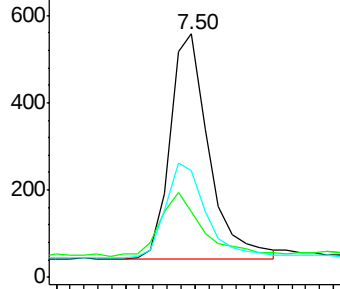
71 44.6 28.4 42.6#



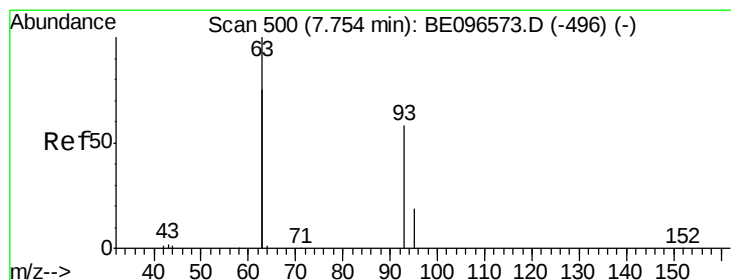
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.38 ng

RT: 7.74 min Scan# 499

Delta R.T. -0.01 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

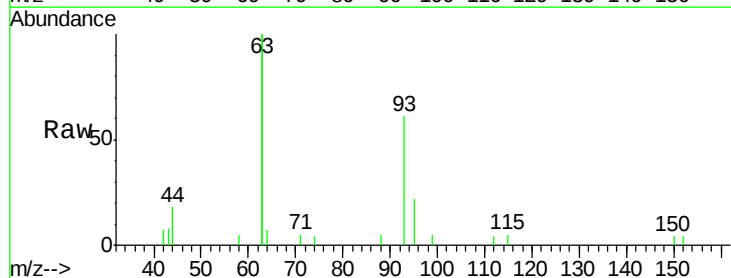
Tgt Ion: 93 Resp: 1002

Ion Ratio Lower Upper

93 100

63 312.7 275.3 412.9

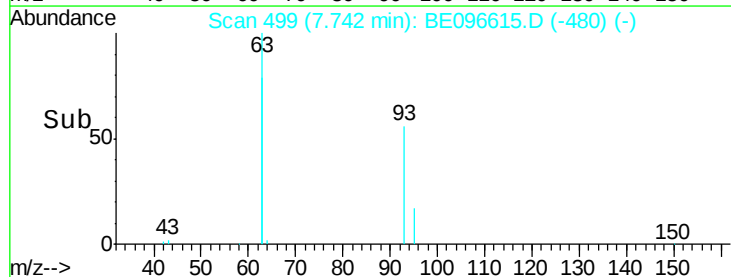
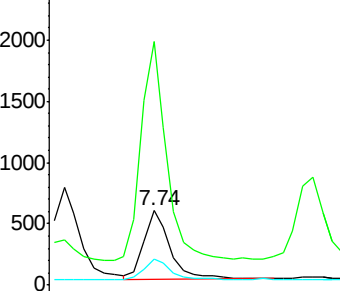
95 30.4 25.2 37.8

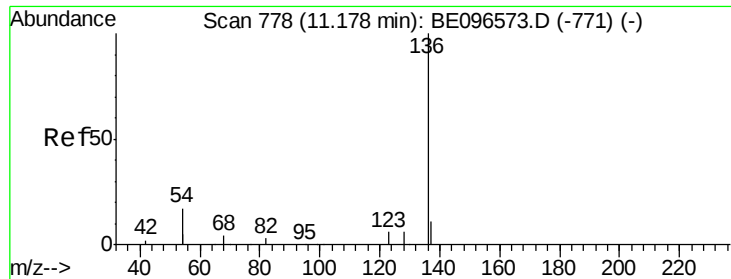


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 11.17 min Scan# 777

Delta R.T. -0.01 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

Instrument :

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Tgt Ion:136 Resp: 2954

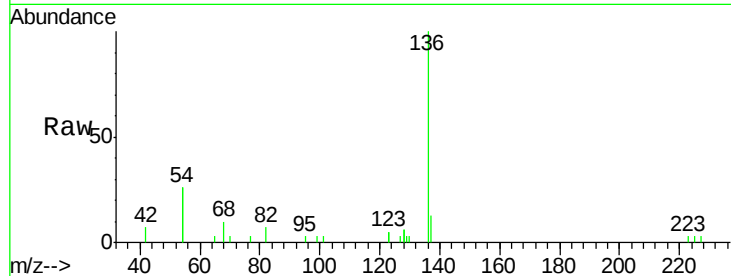
Ion Ratio Lower Upper

136 100

137 13.0 9.5 14.3

54 51.0 29.1 43.7#

68 9.5 6.2 9.2#

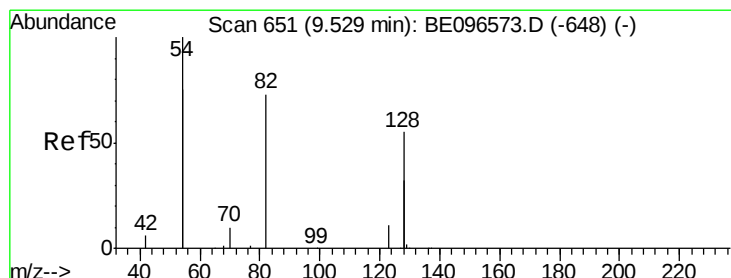
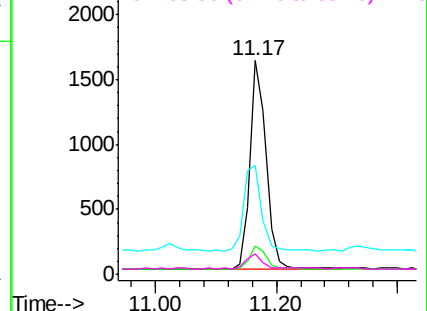
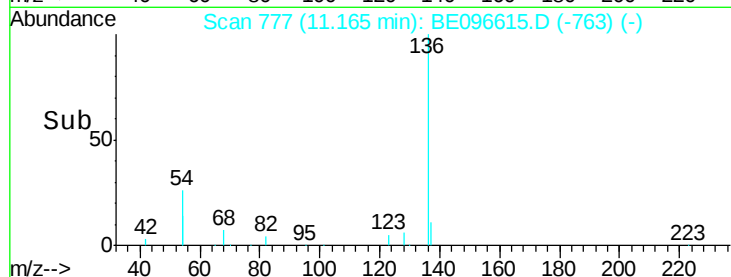


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.04 ng

RT: 9.42 min Scan# 643

Delta R.T. -0.10 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

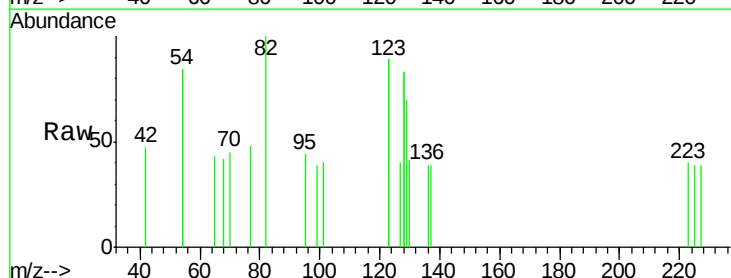
Tgt Ion: 82 Resp: 119

Ion Ratio Lower Upper

82 100

128 167.0 150.0 225.0

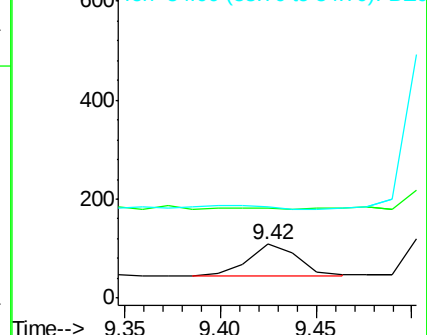
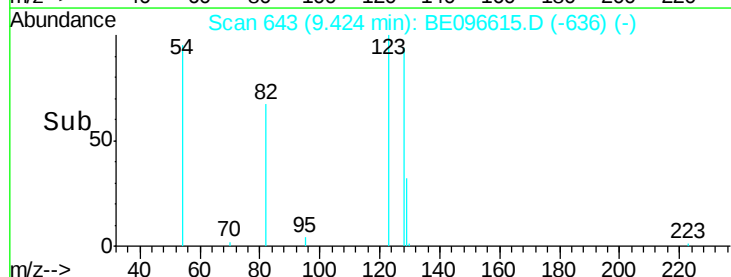
54 168.8 154.2 231.4

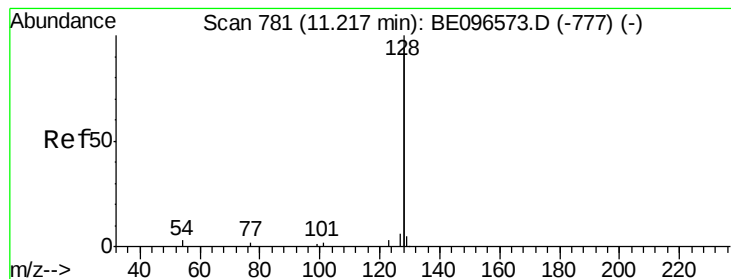


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.37 ng

RT: 11.22 min Scan# 781

Delta R.T. -0.00 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

Instrument :

BNA_E

ClientSampleId :

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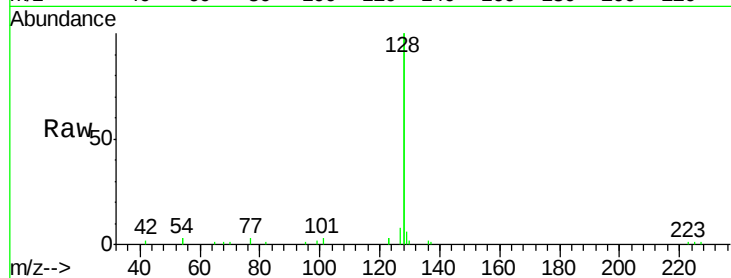
Tgt Ion:128 Resp: 11609

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

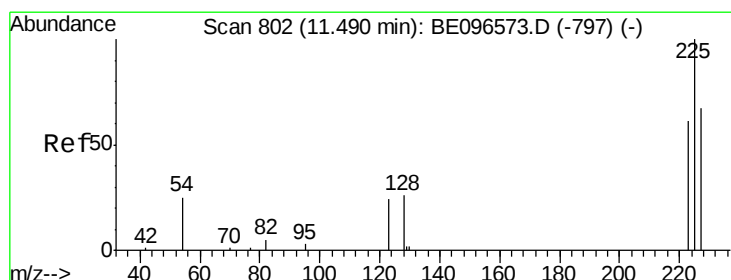
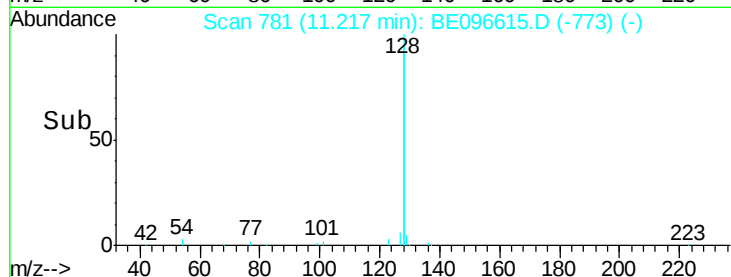
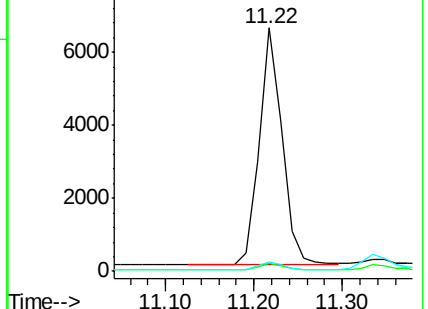
127 3.8 2.8 4.2



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: 0.36 ng

RT: 11.48 min Scan# 801

Delta R.T. -0.01 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

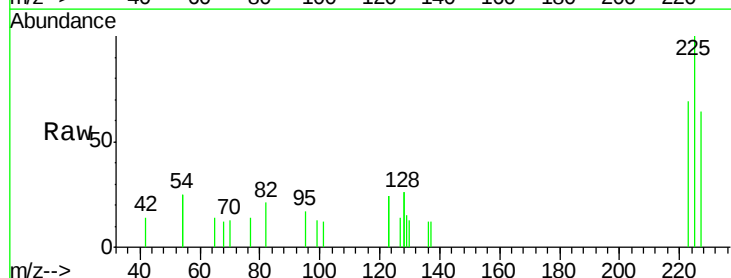
Tgt Ion:225 Resp: 627

Ion Ratio Lower Upper

225 100

223 60.4 53.0 79.6

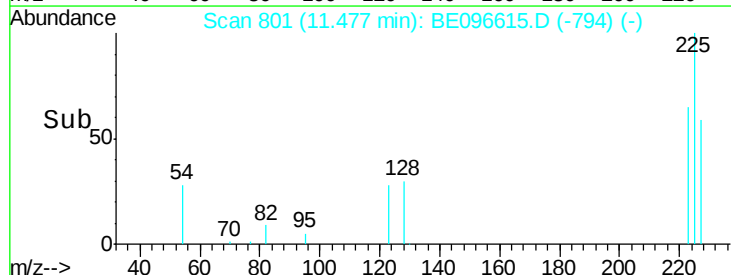
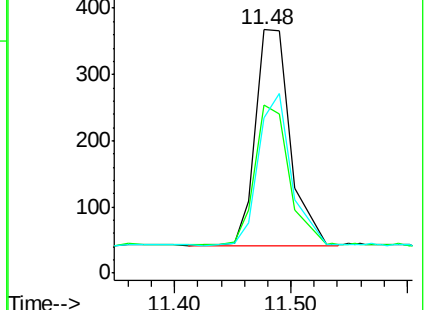
227 70.8 51.4 77.2

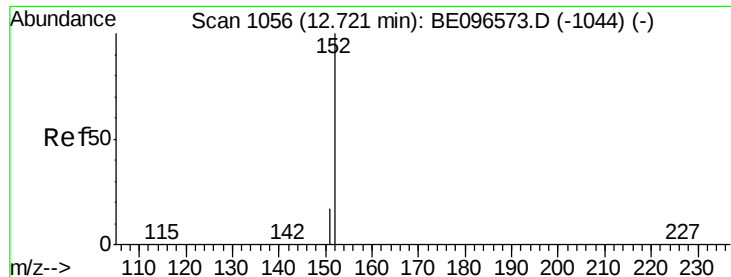


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

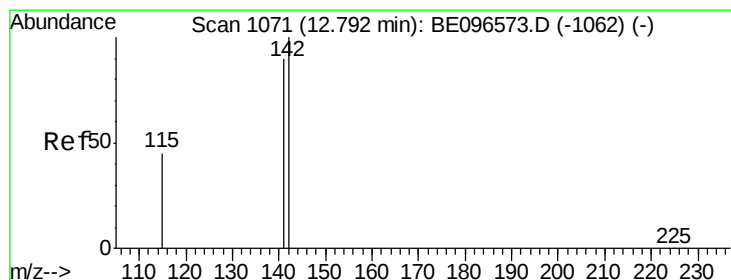
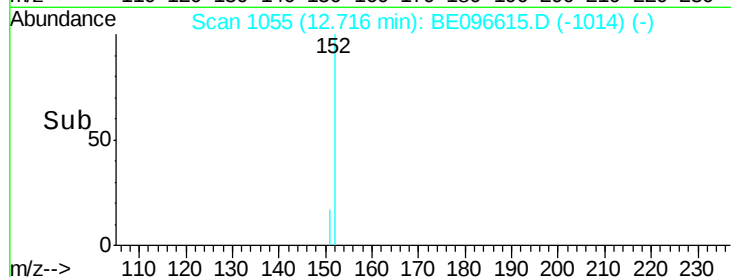
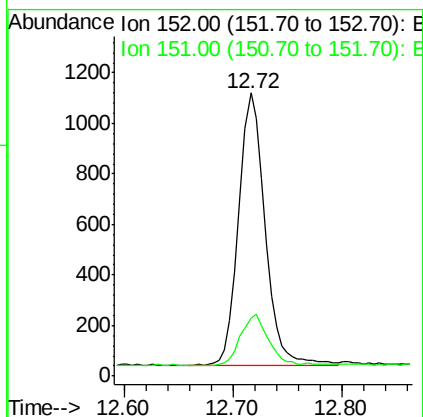
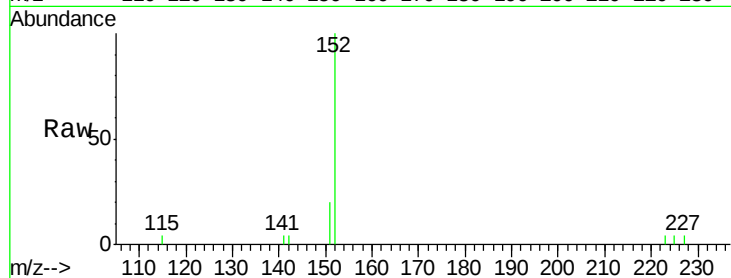




#11
 2-Methylnaphthalene-d10
 Concen: 0.37 ng
 RT: 12.72 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BE096615.D
 Acq: 17 May 2018 18:30

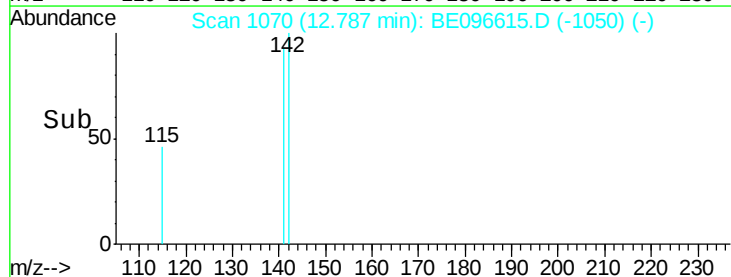
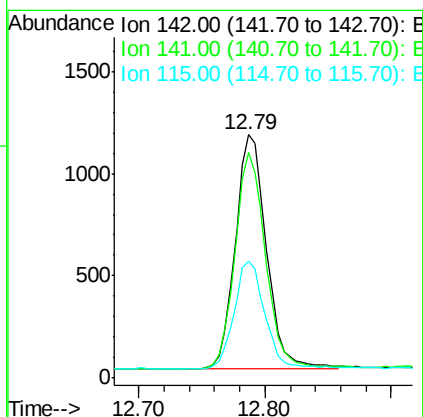
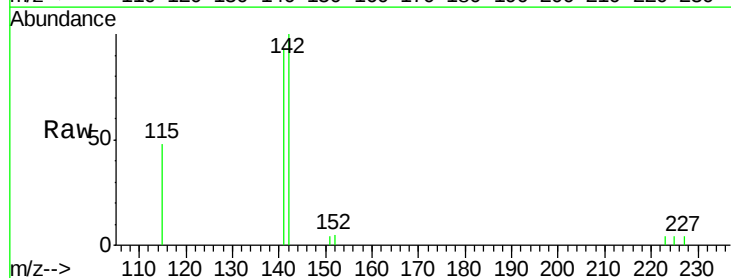
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:152 Resp: 1765
 Ion Ratio Lower Upper
 152 100
 151 19.8 15.4 23.0



#12
 2-Methylnaphthalene
 Concen: 0.37 ng
 RT: 12.79 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BE096615.D
 Acq: 17 May 2018 18:30

Tgt Ion:142 Resp: 1955
 Ion Ratio Lower Upper
 142 100
 141 92.9 70.4 105.6
 115 48.2 31.7 47.5#

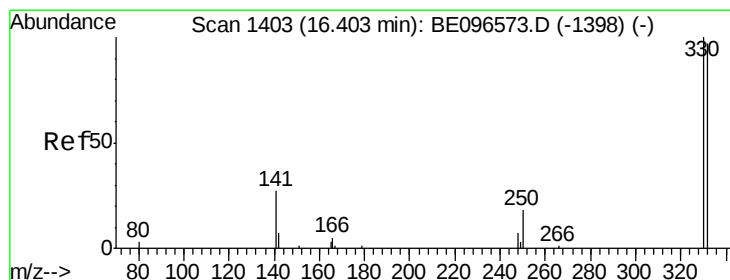
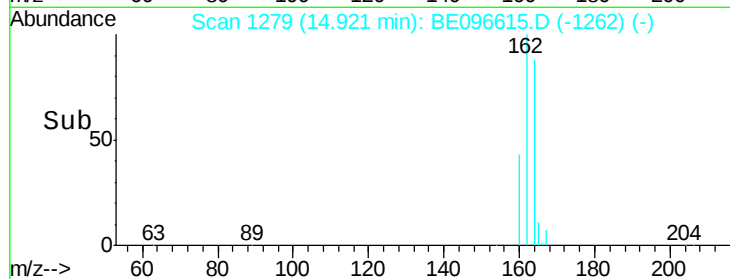
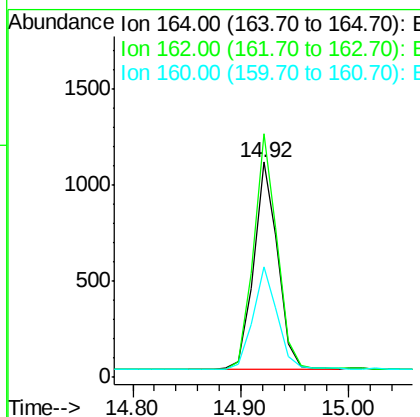
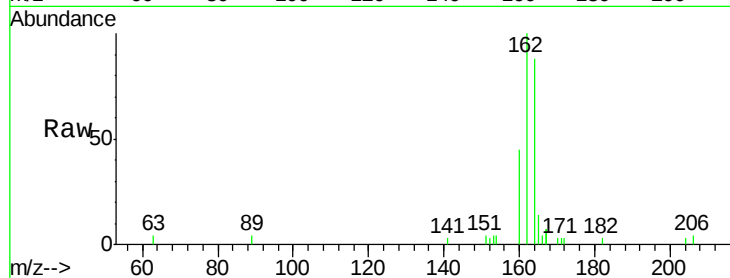




#13
 Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.92 min Scan# 1279
 Delta R.T. -0.00 min
 Lab File: BE096615.D
 Acq: 17 May 2018 18:30

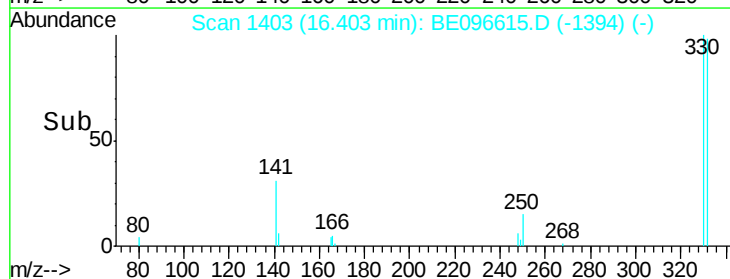
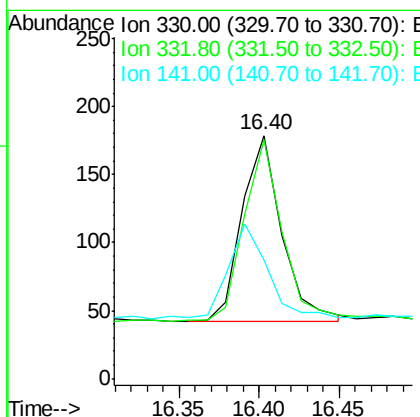
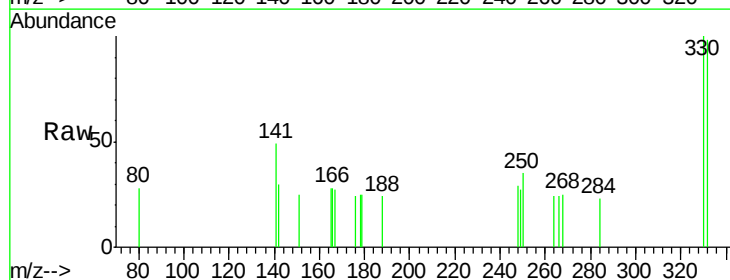
Instrument :
 BNA_E
 ClientSampleId :
 SSTCCCC0.4EC

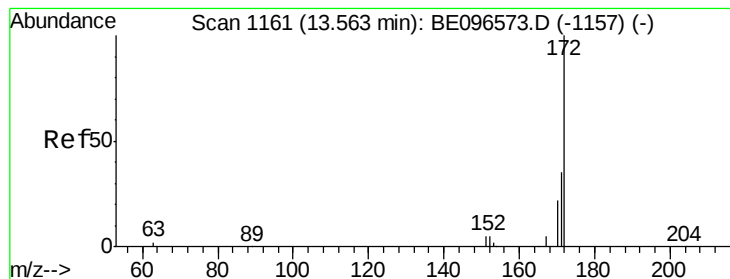
Tgt Ion:164 Resp: 1640
 Ion Ratio Lower Upper
 164 100
 162 113.3 83.1 124.7
 160 51.5 37.1 55.7



#14
 2,4,6-Tribromophenol
 Concen: 0.36 ng
 RT: 16.40 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BE096615.D
 Acq: 17 May 2018 18:30

Tgt Ion:330 Resp: 236
 Ion Ratio Lower Upper
 330 100
 332 94.9 152.7 229.1#
 141 51.3 33.7 50.5#





#15

2-Fluorobiphenyl

Concen: 0.40 ng

RT: 13.56 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

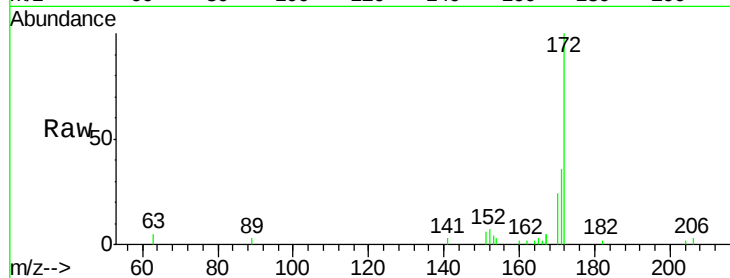
Tgt Ion:172 Resp: 2793

Ion Ratio Lower Upper

172 100

171 35.5 29.9 44.9

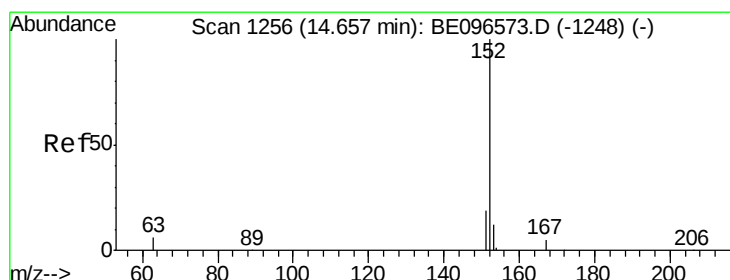
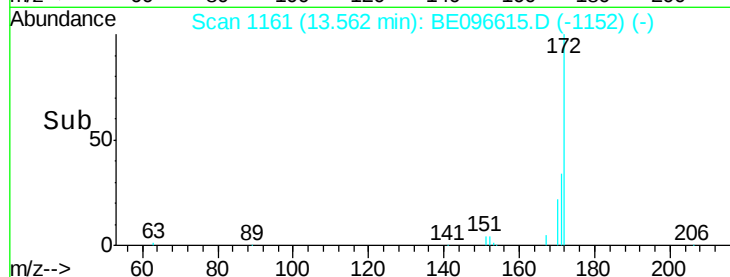
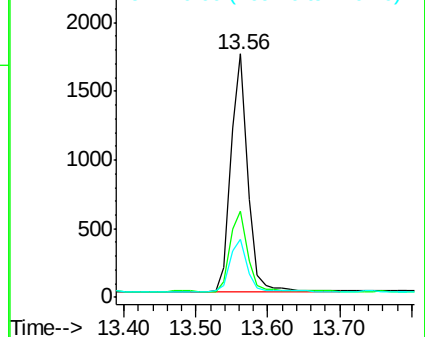
170 23.7 21.8 32.8



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: 0.38 ng

RT: 14.66 min Scan# 1256

Delta R.T. -0.00 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

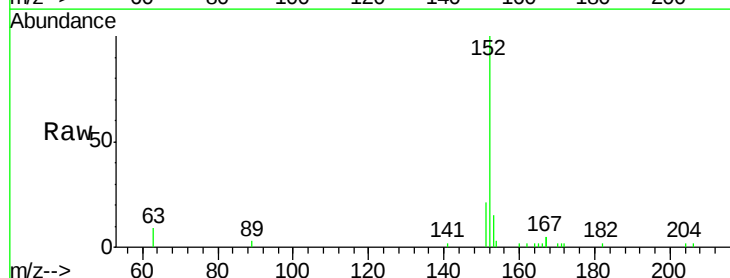
Tgt Ion:152 Resp: 3289

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

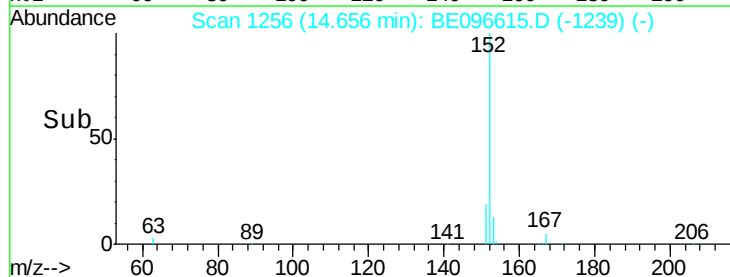
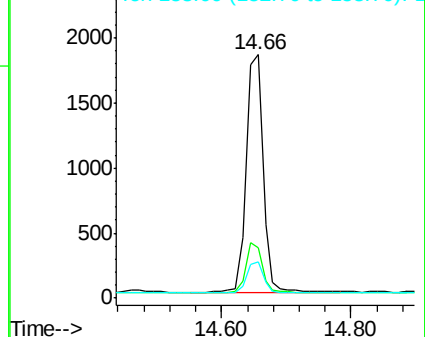
153 13.0 10.5 15.7

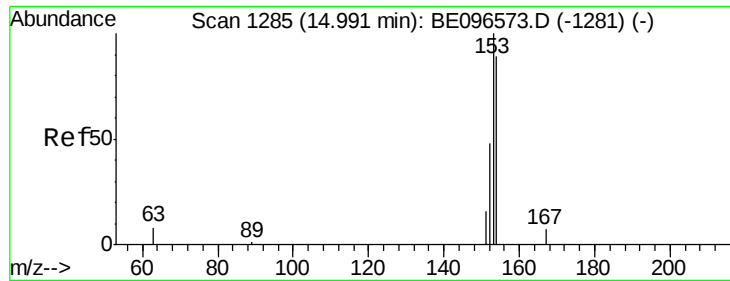


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.38 ng

RT: 14.98 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

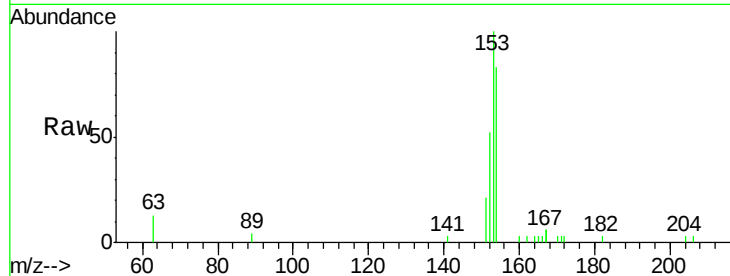
Tgt Ion:154 Resp: 1994

Ion Ratio Lower Upper

154 100

153 118.7 89.2 133.8

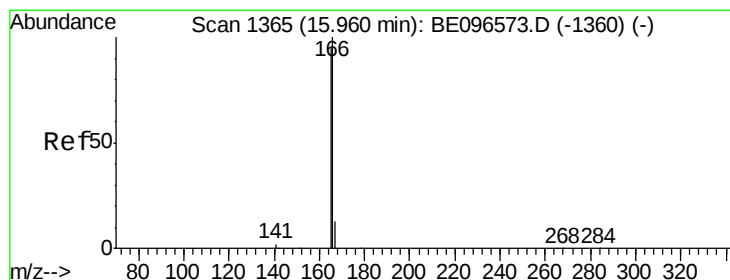
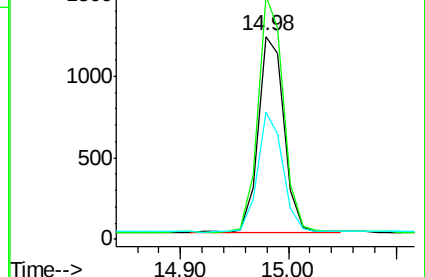
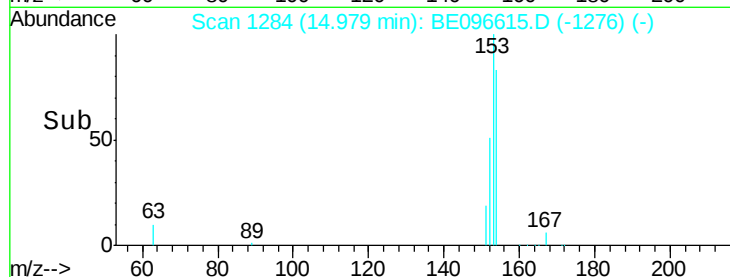
152 60.7 42.0 63.0



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: 0.38 ng

RT: 15.95 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

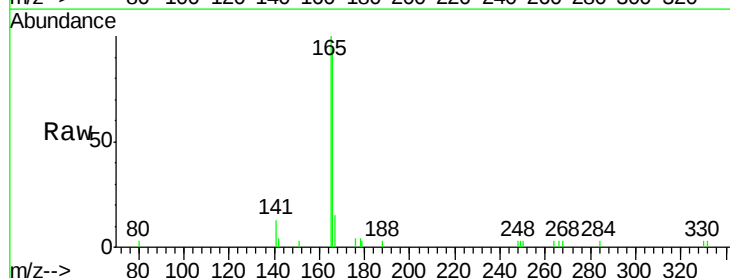
Tgt Ion:166 Resp: 2439

Ion Ratio Lower Upper

166 100

165 102.5 77.8 116.6

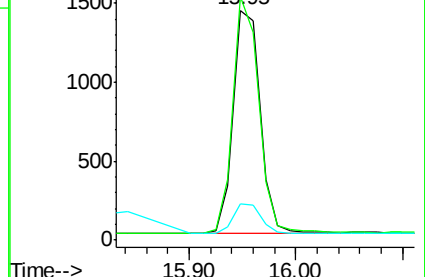
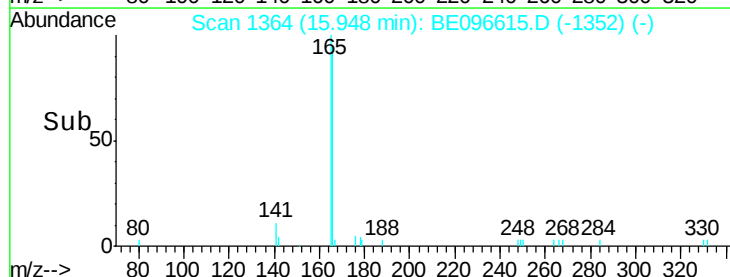
167 13.8 42.4 63.6#

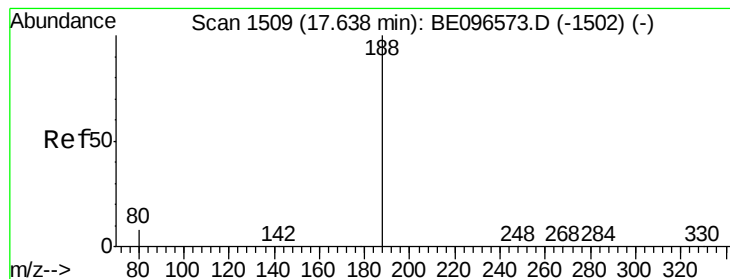


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 17.64 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

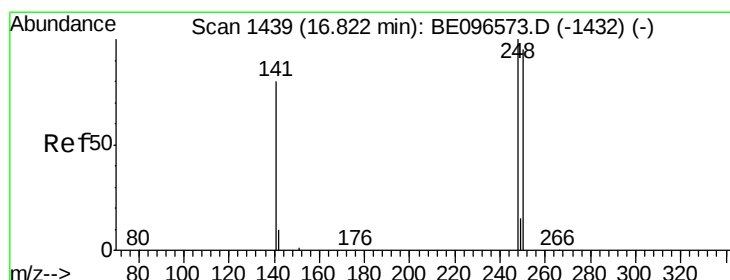
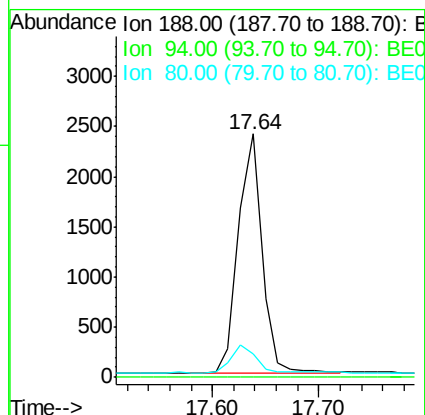
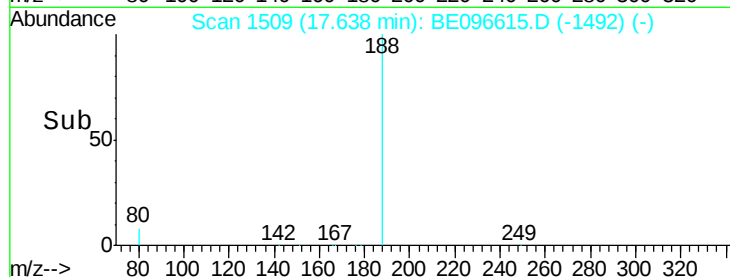
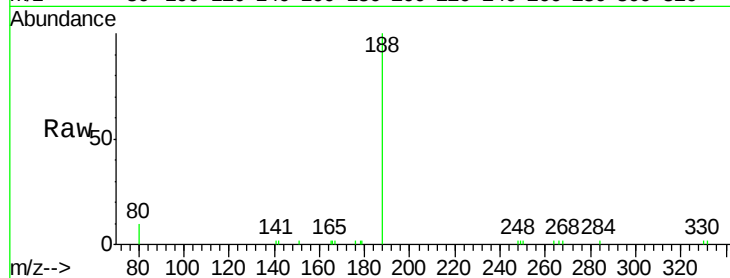
Tgt Ion:188 Resp: 3650

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 9.6 3.6 5.4#



#20

4-Bromophenyl-phenylether

Concen: 0.39 ng

RT: 16.82 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

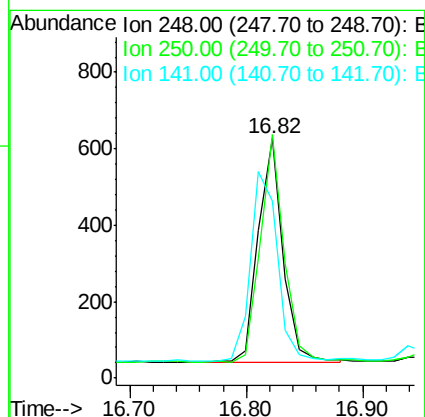
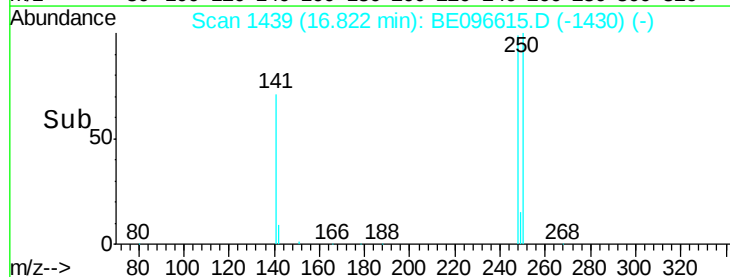
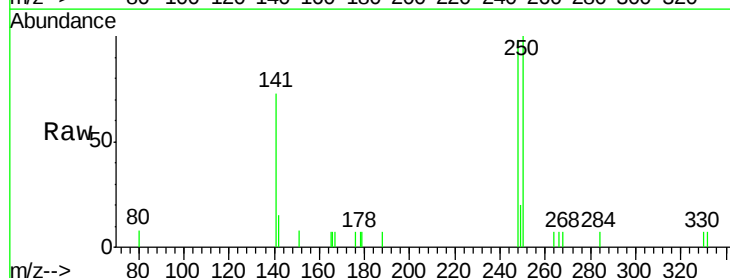
Tgt Ion:248 Resp: 857

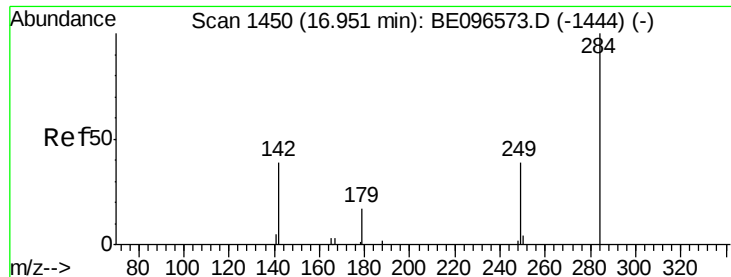
Ion Ratio Lower Upper

248 100

250 101.8 62.7 94.1#

141 74.0 48.2 72.2#

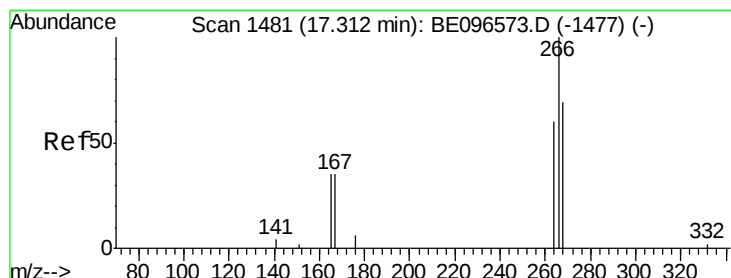
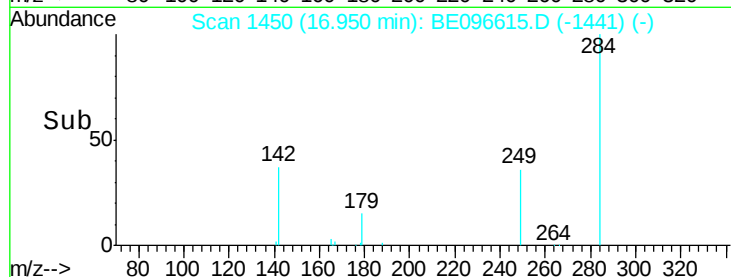
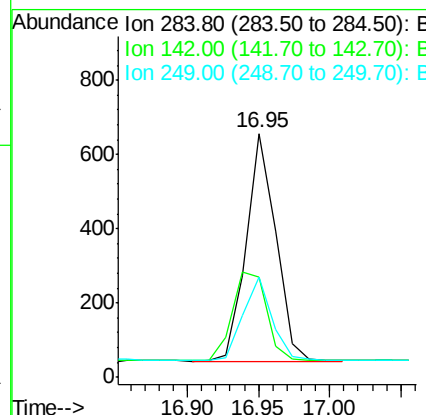
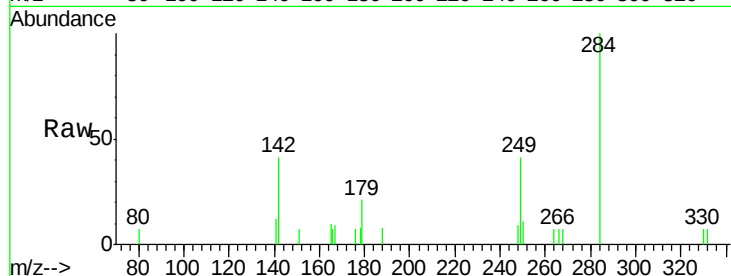




#21
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.95 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

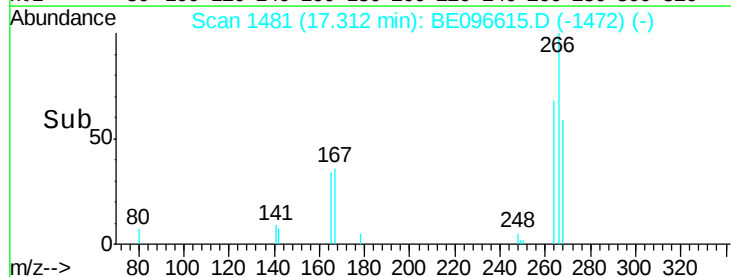
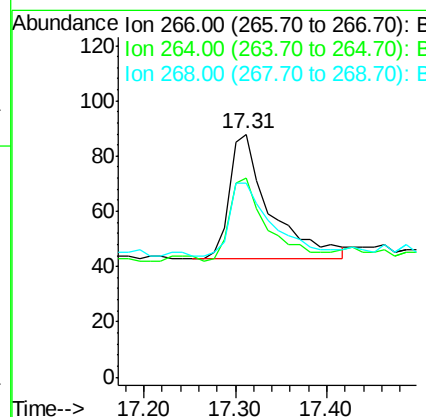
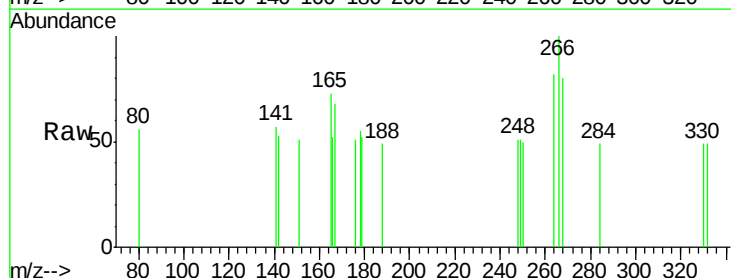
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

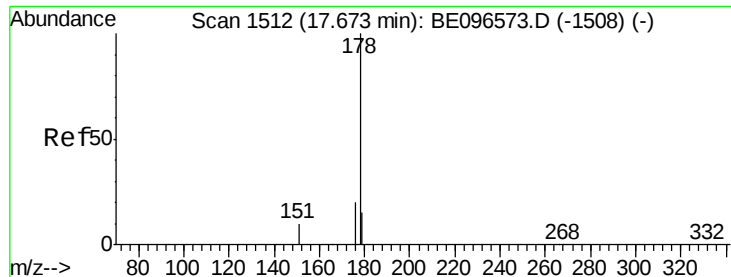
Tgt Ion: 284 Resp: 890
Ion Ratio Lower Upper
284 100
142 46.1 22.1 33.1#
249 36.4 34.8 52.2



#22
Pentachlorophenol
Concen: 0.37 ng
RT: 17.31 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE096615.D
Acq: 17 May 2018 18:30

Tgt Ion: 266 Resp: 138
Ion Ratio Lower Upper
266 100
264 81.8 72.5 108.7
268 79.5 73.8 110.6





#23

Phenanthrene

Concen: 0.38 ng

RT: 17.67 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

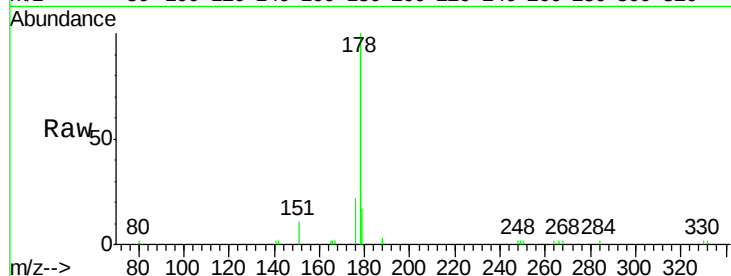
Tgt Ion:178 Resp: 3879

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

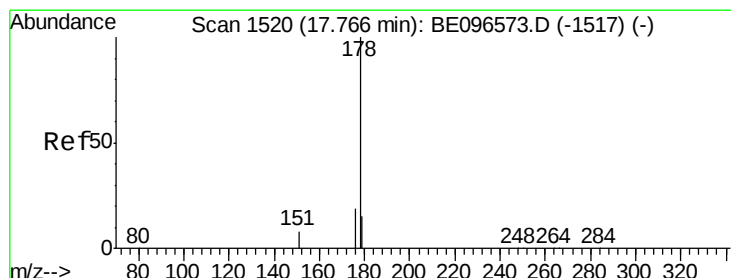
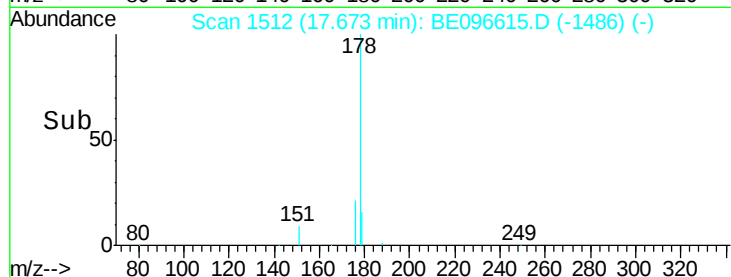
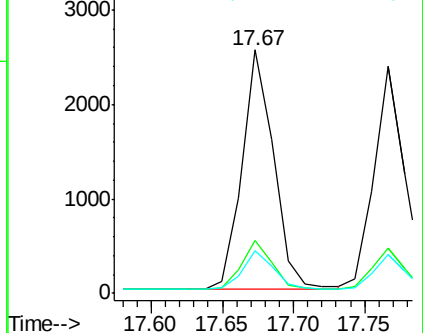
179 15.3 11.8 17.6



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: 0.37 ng

RT: 17.77 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

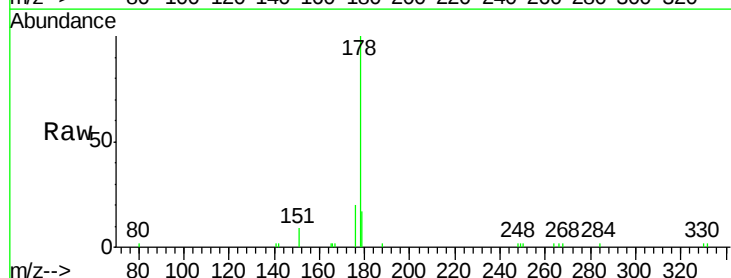
Tgt Ion:178 Resp: 3514

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

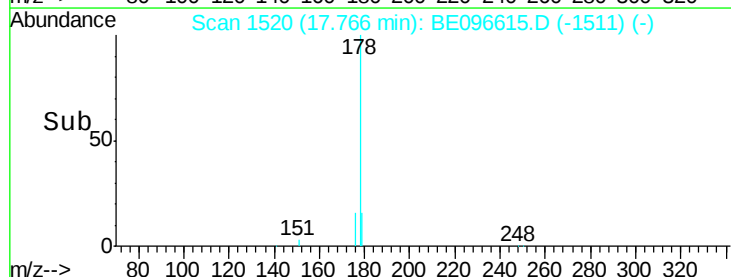
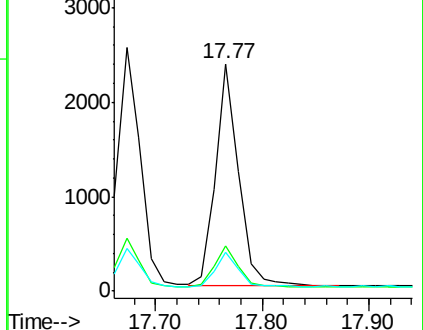
179 15.0 13.0 19.6

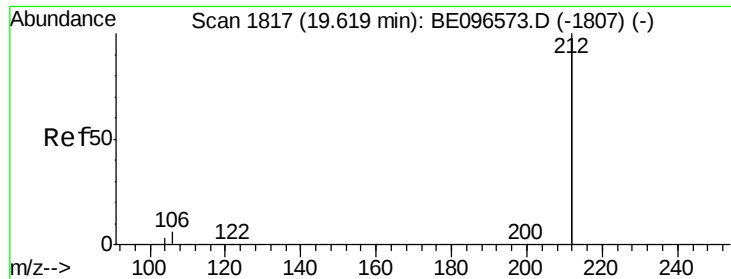


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

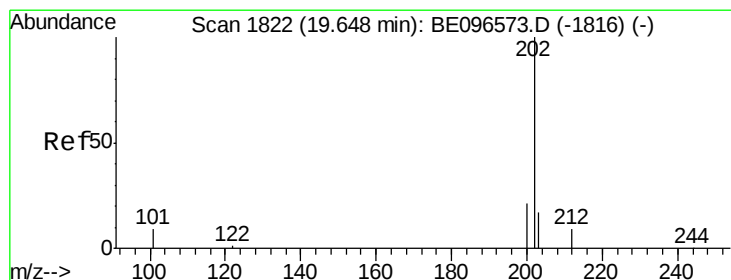
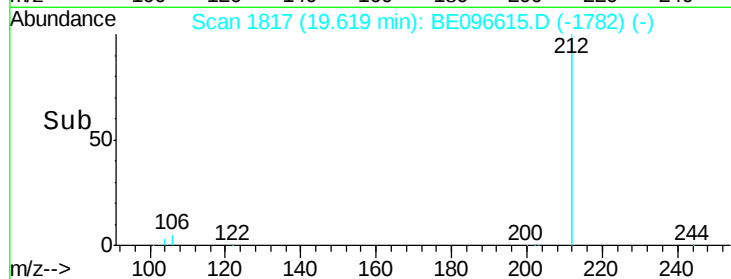
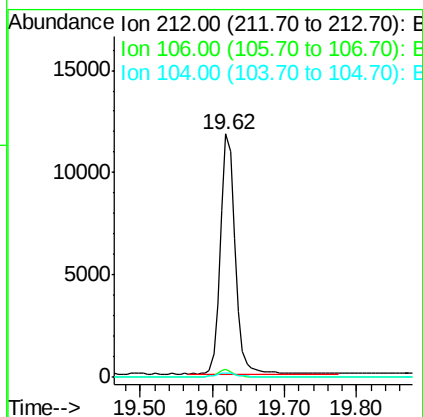
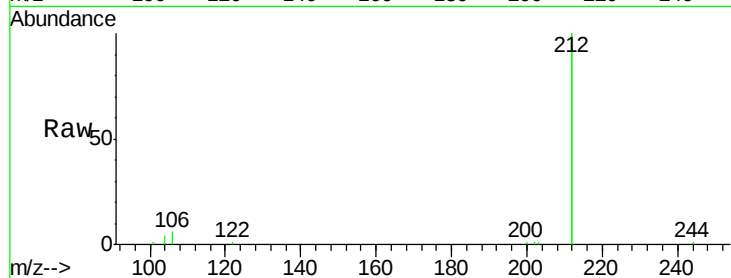




#25
 Fluoranthene-d10
 Concen: 0.37 ng
 RT: 19.62 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: BE096615.D
 Acq: 17 May 2018 18:30

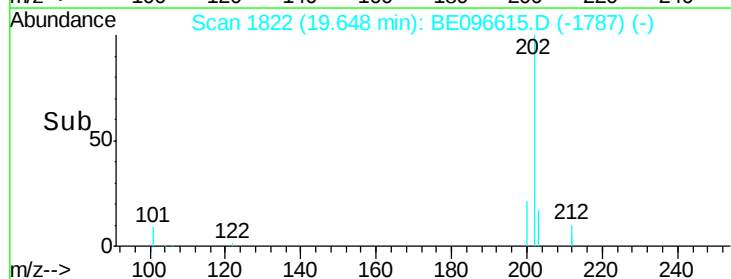
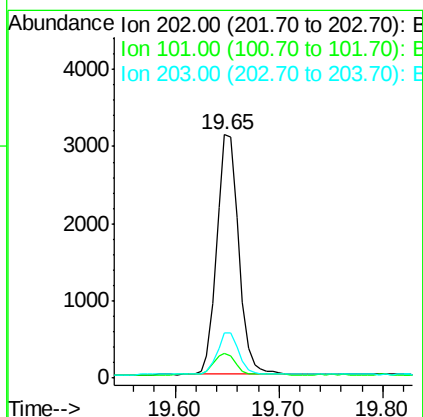
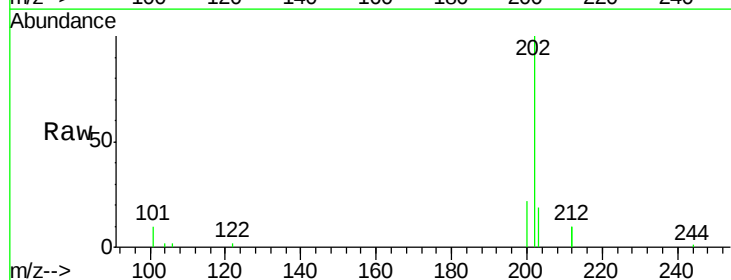
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 212 Resp: 16453
 Ion Ratio Lower Upper
 212 100
 106 2.7 2.8 4.2#
 104 1.6 1.6 2.4



#26
 Fluoranthene
 Concen: 0.37 ng
 RT: 19.65 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: BE096615.D
 Acq: 17 May 2018 18:30

Tgt Ion: 202 Resp: 4567
 Ion Ratio Lower Upper
 202 100
 101 9.3 9.8 14.8#
 203 17.1 13.7 20.5





#27

Chrysene-d12

Concen: 0.40 ng

RT: 21.73 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

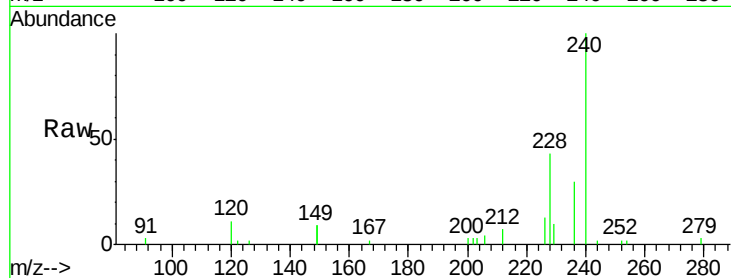
Tgt Ion:240 Resp: 3458

Ion Ratio Lower Upper

240 100

120 11.4 5.5 8.3#

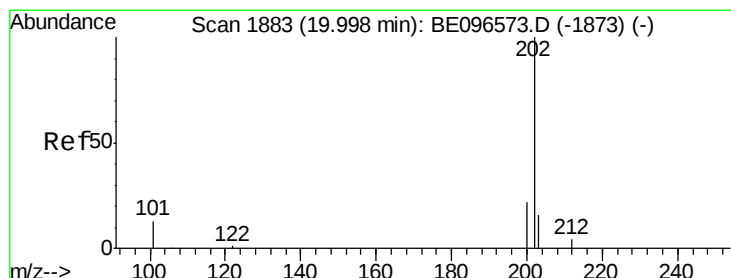
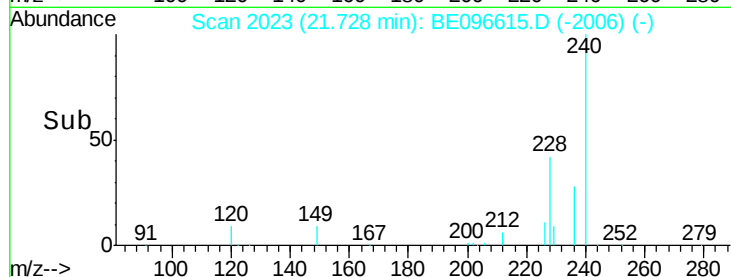
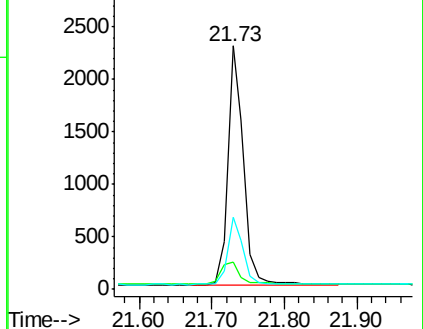
236 29.6 20.7 31.1



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: 0.39 ng

RT: 20.00 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

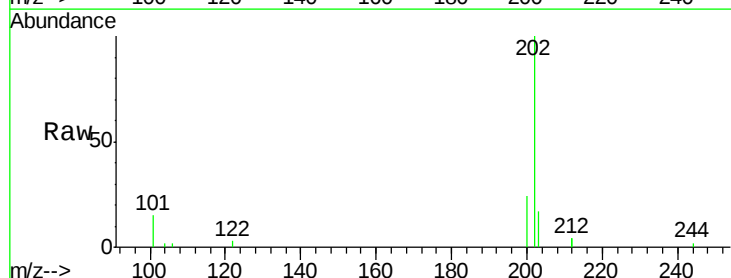
Tgt Ion:202 Resp: 2444

Ion Ratio Lower Upper

202 100

200 21.8 16.6 25.0

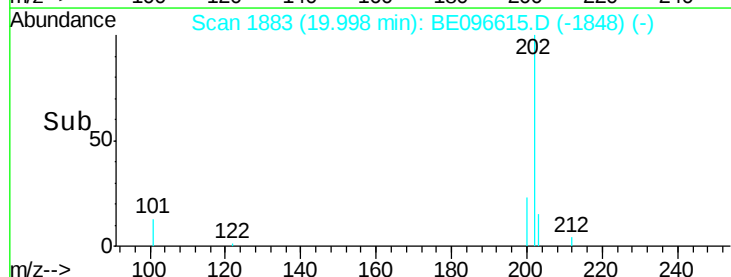
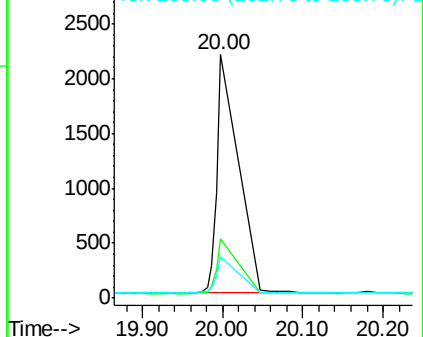
203 13.8 13.8 20.8#



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: 0.38 ng

RT: 20.18 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

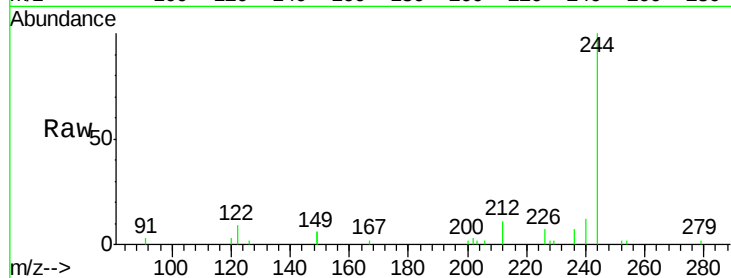
Tgt Ion:244 Resp: 2955

Ion Ratio Lower Upper

244 100

212 11.3 25.4 38.0#

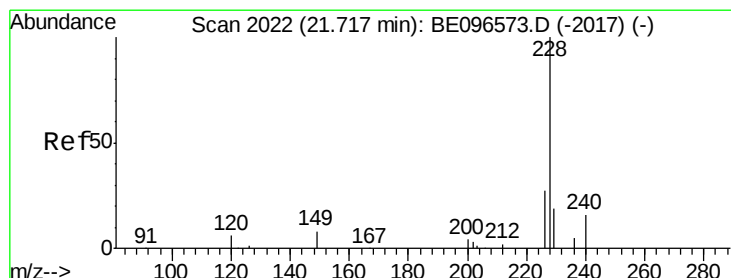
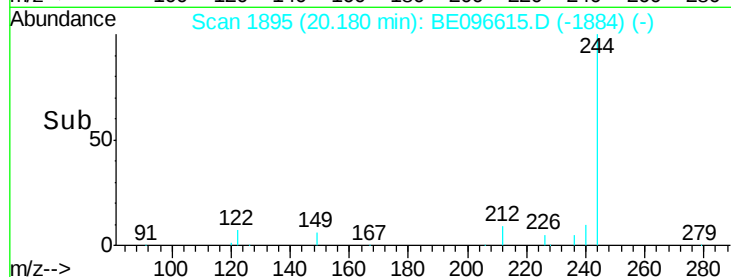
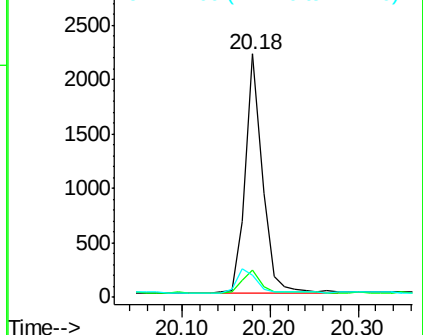
122 8.9 8.1 12.1



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: 0.37 ng

RT: 21.72 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

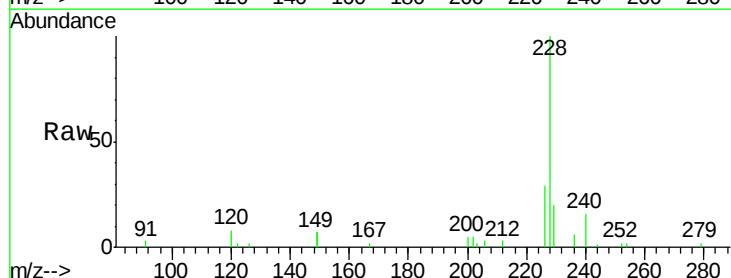
Tgt Ion:228 Resp: 3927

Ion Ratio Lower Upper

228 100

226 28.9 24.0 36.0

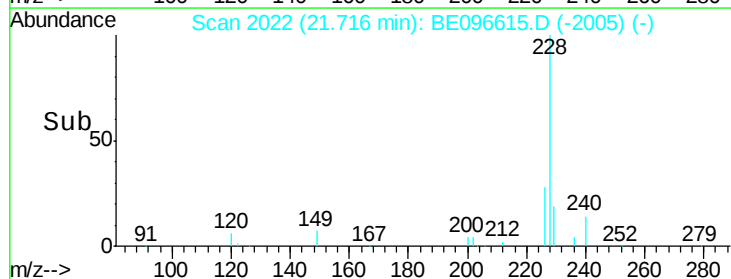
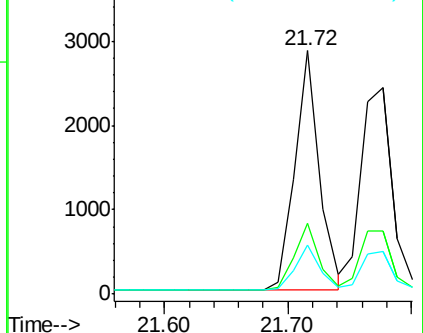
229 20.4 16.0 24.0

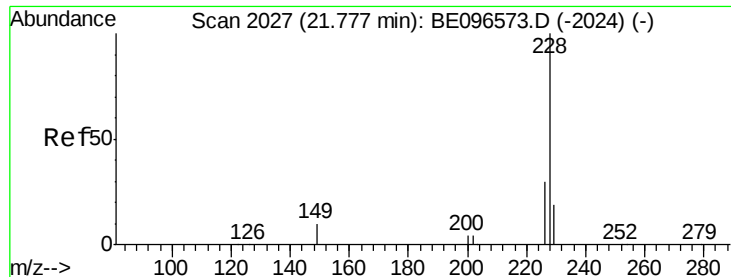


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.38 ng

RT: 21.78 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

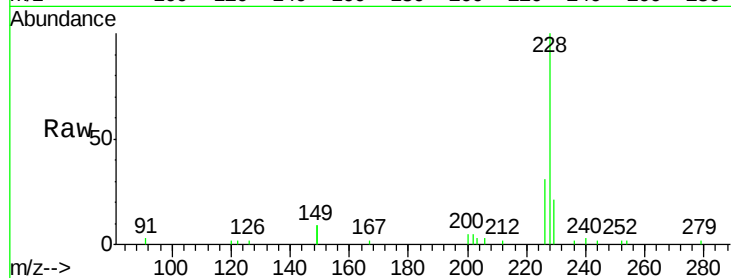
Tgt Ion:228 Resp: 4210

Ion Ratio Lower Upper

228 100

226 30.8 24.0 36.0

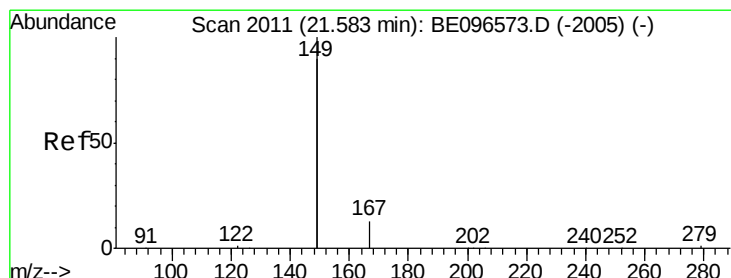
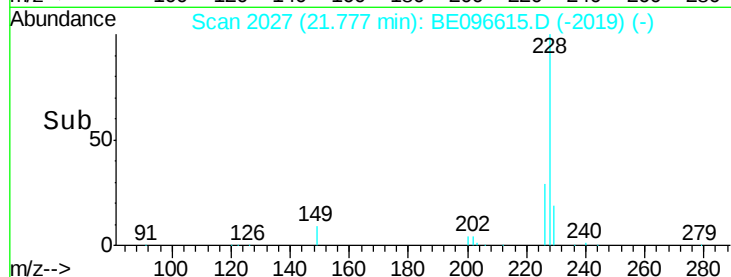
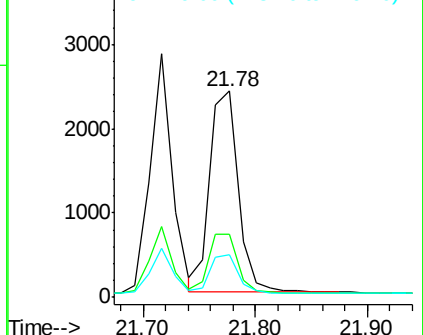
229 20.7 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.35 ng

RT: 21.58 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

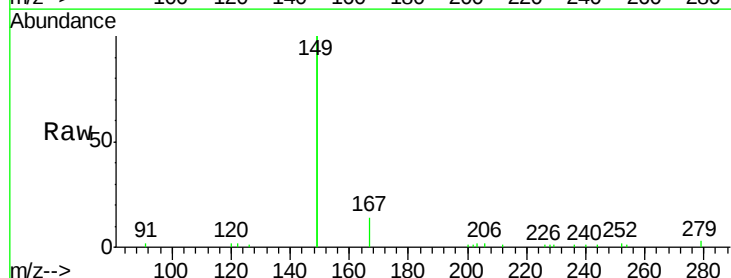
Tgt Ion:149 Resp: 7902

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

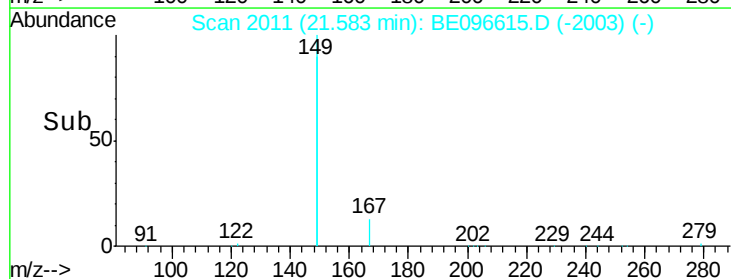
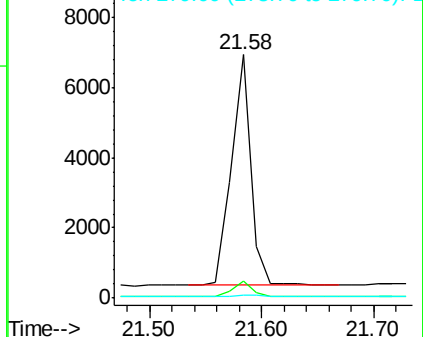
279 0.9 0.7 1.1



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: 0.38 ng

RT: 27.09 min Scan# 3463

Delta R.T. -0.01 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

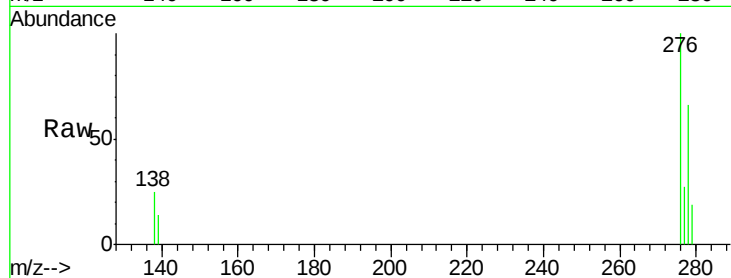
Tgt Ion:276 Resp: 3992

Ion Ratio Lower Upper

276 100

138 21.1 22.5 33.7#

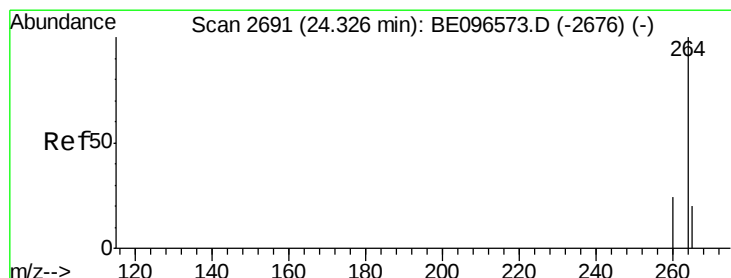
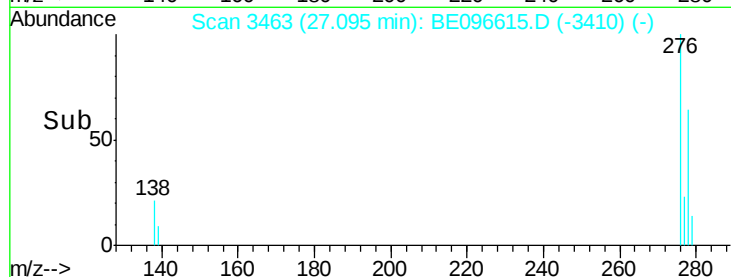
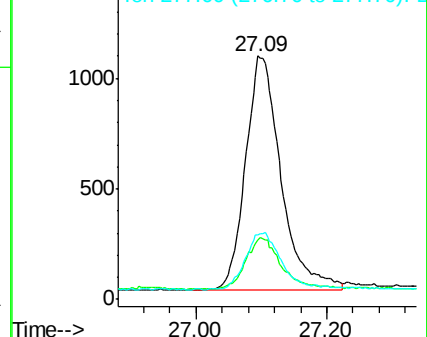
277 23.8 19.9 29.9



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: 0.40 ng

RT: 24.33 min Scan# 2692

Delta R.T. 0.00 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

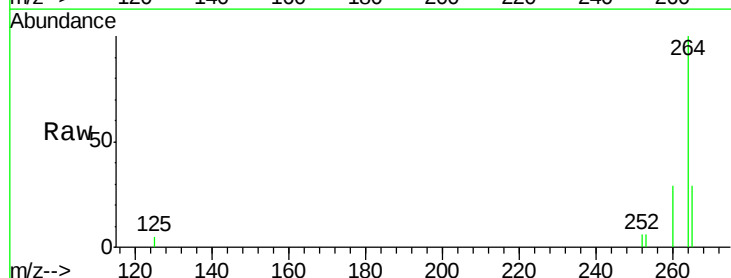
Tgt Ion:264 Resp: 3207

Ion Ratio Lower Upper

264 100

260 29.4 20.5 30.7

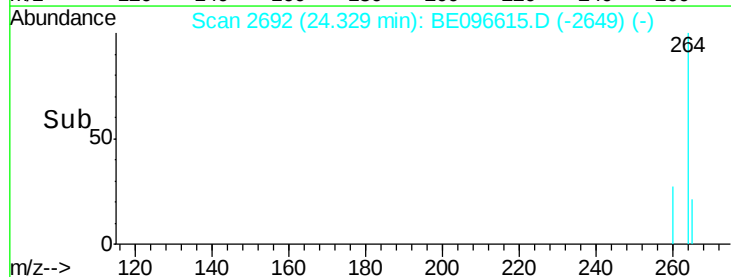
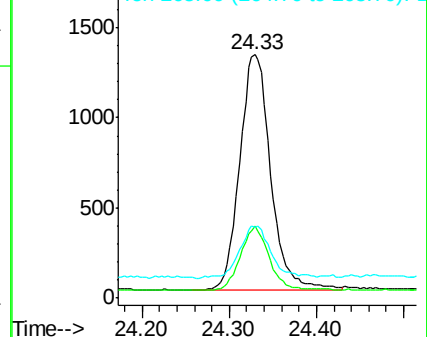
265 28.9 22.8 34.2

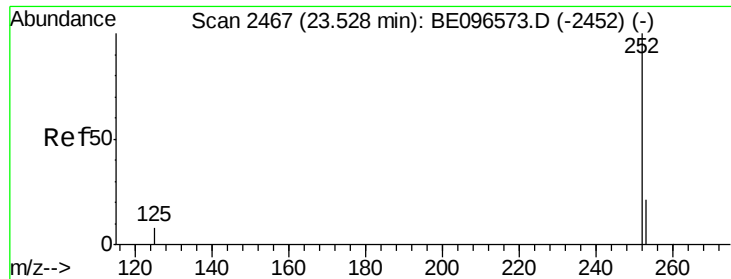


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.38 ng

RT: 23.52 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

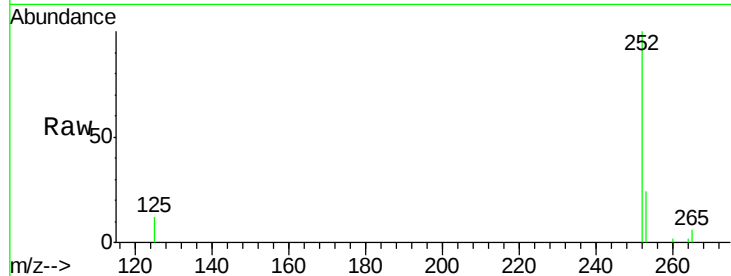
Tgt Ion:252 Resp: 3761

Ion Ratio Lower Upper

252 100

253 24.1 20.0 30.0

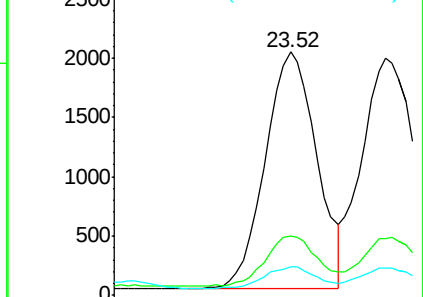
125 11.5 16.0 24.0#



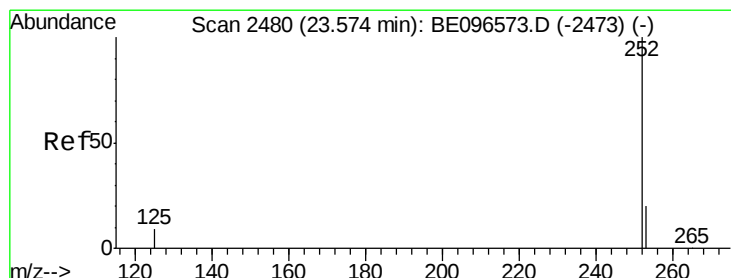
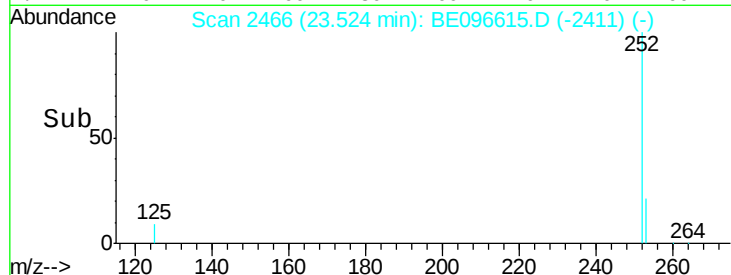
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#36

Benzo(k)fluoranthene

Concen: 0.38 ng

RT: 23.57 min Scan# 2480

Delta R.T. -0.00 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

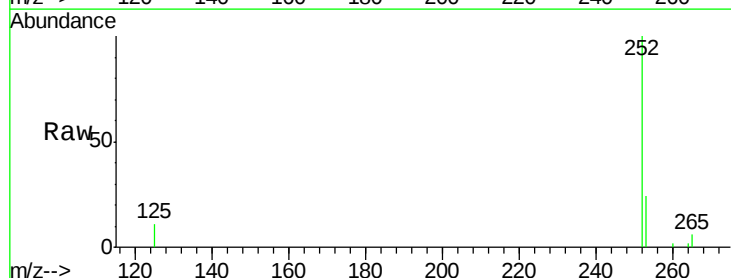
Tgt Ion:252 Resp: 3988

Ion Ratio Lower Upper

252 100

253 24.1 16.0 24.0#

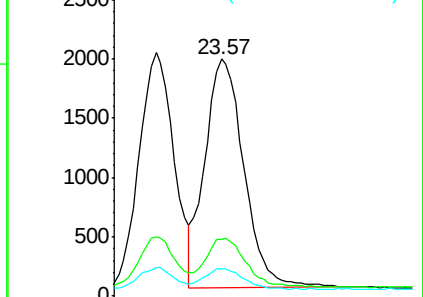
125 11.3 8.0 12.0



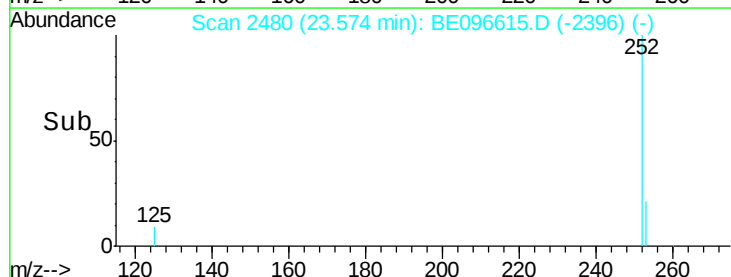
Abundance Ion 252.00 (251.70 to 252.70): E

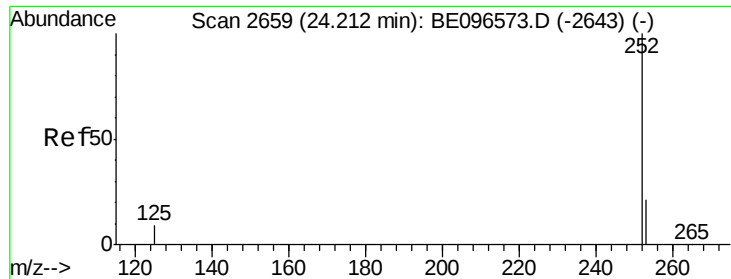
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#37

Benzo(a)pyrene

Concen: 0.38 ng

RT: 24.21 min Scan# 2658

Delta R.T. -0.00 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

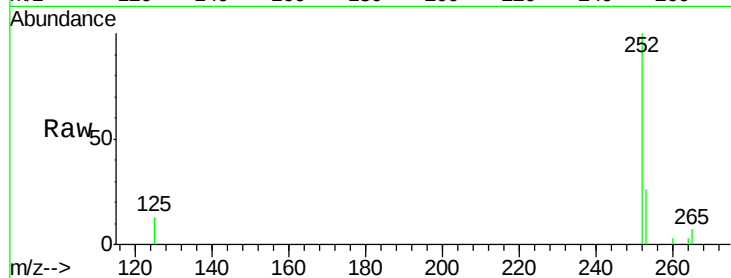
Tgt Ion:252 Resp: 3573

Ion Ratio Lower Upper

252 100

253 25.9 16.0 24.0#

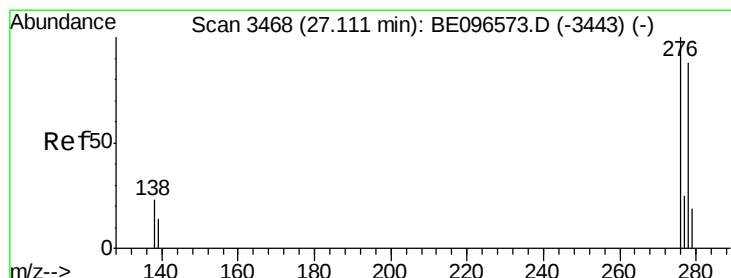
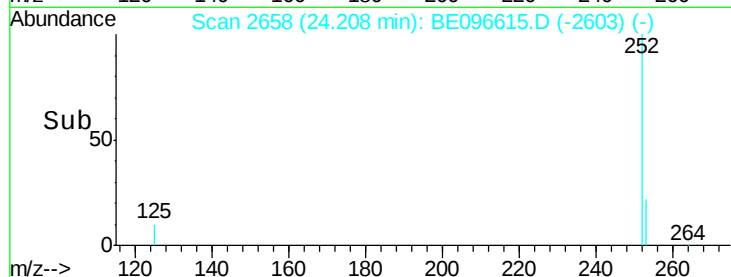
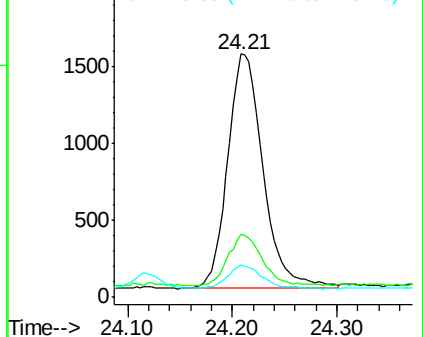
125 13.3 12.0 18.0



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: 0.37 ng

RT: 27.11 min Scan# 3466

Delta R.T. -0.01 min

Lab File: BE096615.D

Acq: 17 May 2018 18:30

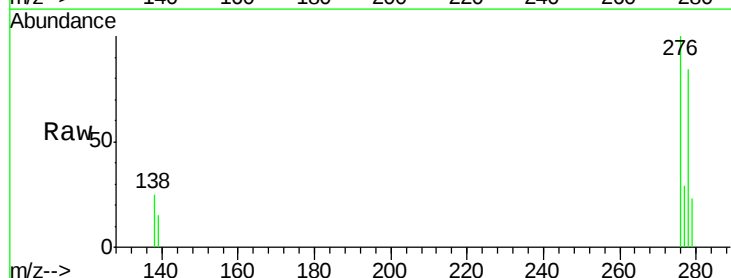
Tgt Ion:278 Resp: 3169

Ion Ratio Lower Upper

278 100

139 18.3 16.0 24.0

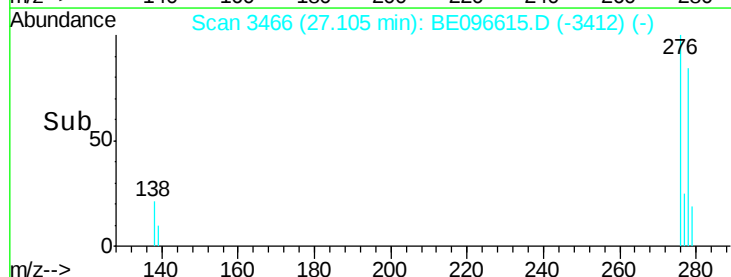
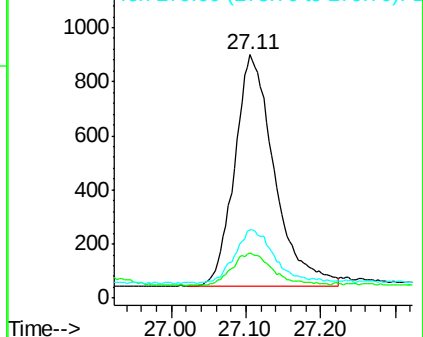
279 27.8 20.0 30.0

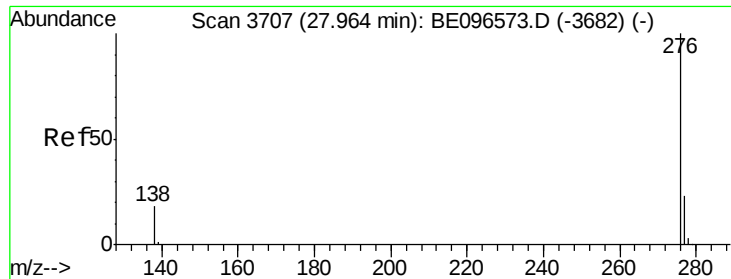


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.38 ng

RT: 27.96 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BE096615.D

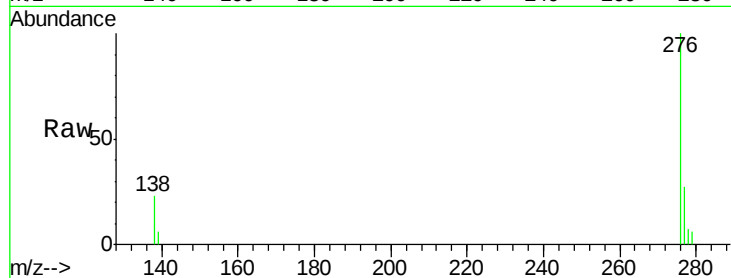
Acq: 17 May 2018 18:30

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 3421

Ion Ratio Lower Upper

276 100

277 27.2 16.0 24.0#

138 23.1 20.0 30.0

