

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051518\
 Data File : BE096574.D
 Acq On : 15 May 2018 11:00
 Operator : SJ/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: May 15 11:49:49 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 11:46:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	648	0.40	ng	0.00
7) Naphthalene-d8	11.18	136	2680	0.40	ng	0.00
13) Acenaphthene-d10	14.92	164	1574	0.40	ng	0.00
19) Phenanthrene-d10	17.64	188	3641	0.40	ng	0.00
27) Chrysene-d12	21.73	240	3526	0.40	ng	0.00
34) Perylene-d12	24.33	264	3184	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.85	112	1458	0.73	ng	0.00
5) Phenol-d6	7.50	99	2075	0.75	ng	0.00
8) Nitrobenzene-d5	9.53	82	2316	0.74	ng	0.00
11) 2-Methylnaphthalene-d10	12.72	152	3476	0.82	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	527	0.69	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	5508	0.82	ng	0.00
25) Fluoranthene-d10	19.62	212	35342	0.71	ng	0.00
29) Terphenyl-d14	20.18	244	6356	0.82	ng	0.00

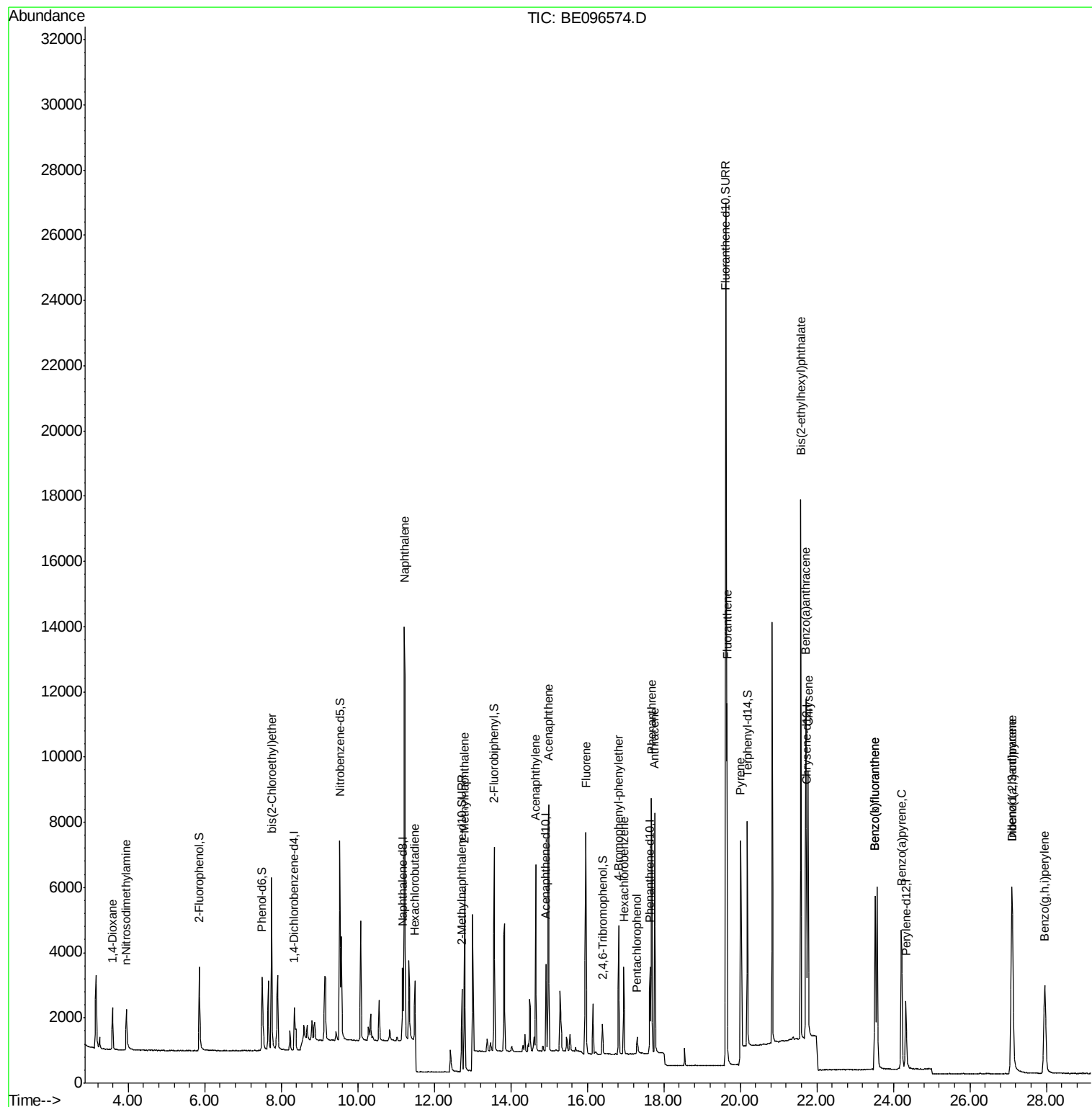
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.58	88	787	0.786	ng	# 88
3) n-Nitrosodimethylamine	3.95	42	1017	0.829	ng	# 73
6) bis(2-Chloroethyl)ether	7.74	93	1945	0.799	ng	91
9) Naphthalene	11.22	128	22561	0.799	ng	99
10) Hexachlorobutadiene	11.49	225	1114	0.889	ng	98
12) 2-Methylnaphthalene	12.79	142	3891	0.832	ng	95
16) Acenaphthylene	14.66	152	6765	0.805	ng	99
17) Acenaphthene	14.99	154	4052	0.802	ng	94
18) Fluorene	15.96	166	5063	0.810	ng	# 78
20) 4-Bromophenyl-phenylether	16.82	248	1784	0.825	ng	# 78
21) Hexachlorobenzene	16.95	284	1824	0.846	ng	# 79
22) Pentachlorophenol	17.30	266	355	0.501	ng	# 77
23) Phenanthrene	17.67	178	8145	0.796	ng	99
24) Anthracene	17.77	178	7620	0.779	ng	# 95
26) Fluoranthene	19.65	202	9830	0.731	ng	# 97
28) Pyrene	20.00	202	4744	0.683	ng	95
30) Benzo(a)anthracene	21.72	228	8636	0.764	ng	97
31) Chrysene	21.78	228	8943	0.819	ng	99
32) Bis(2-ethylhexyl)phthalate	21.58	149	17635	0.604	ng	100
33) Indeno(1,2,3-cd)pyrene	27.10	276	8658	0.818	ng	# 93
35) Benzo(b)fluoranthene	23.52	252	7828	0.820	ng	# 89
36) Benzo(k)fluoranthene	23.52	252	7828	0.797	ng	94
37) Benzo(a)pyrene	24.21	252	7488	0.816	ng	# 91
38) Dibenzo(a,h)anthracene	27.11	278	6905	0.853	ng	96
39) Benzo(g,h,i)perylene	27.96	276	7200	0.841	ng	# 93

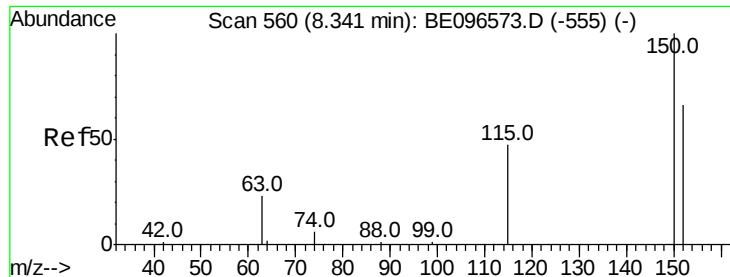
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051518\
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Misc :
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QLast Update : Tue May 15 11:46:42 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.34 min Scan# 560

Delta R.T. -0.00 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

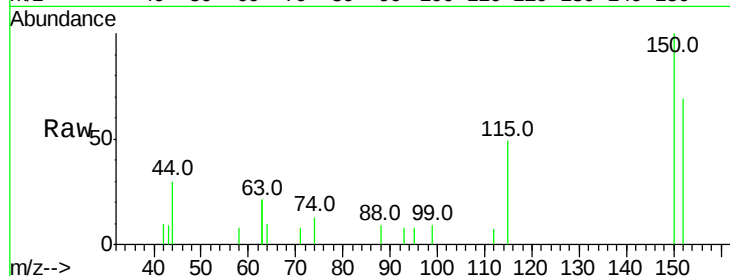
Tot Ion:152 Resp: 648

Ion Ratio Lower Upper

152 100

150 145.0 117.2 175.8

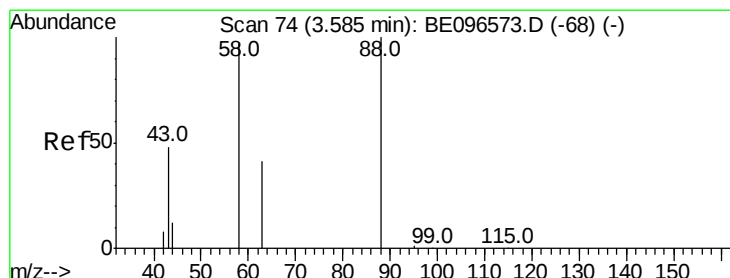
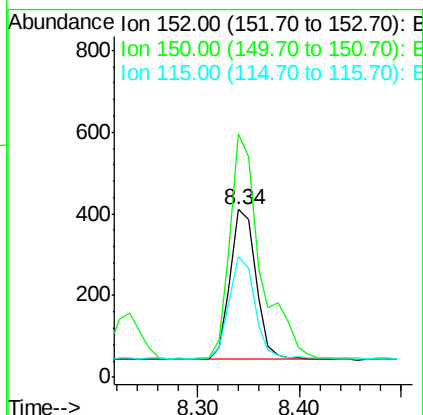
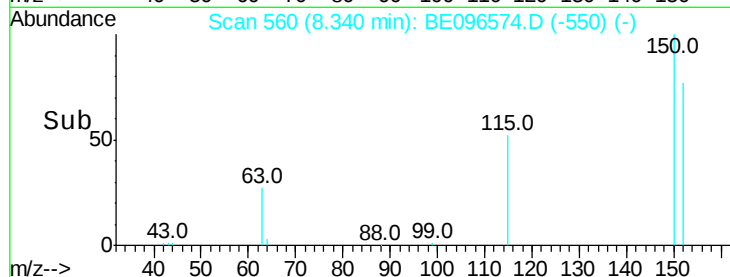
115 71.8 57.0 85.6



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: 0.786 ng

RT: 3.58 min Scan# 74

Delta R.T. -0.00 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

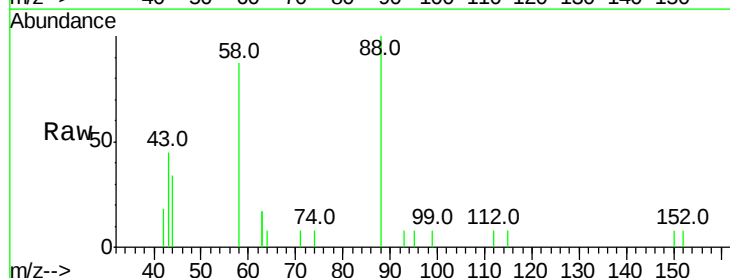
Tgt Ion: 88 Resp: 787

Ion Ratio Lower Upper

88 100

58 87.0 63.2 94.8

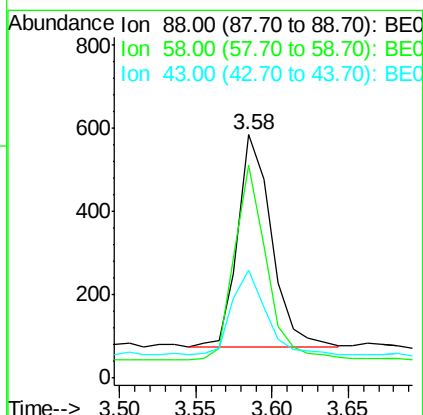
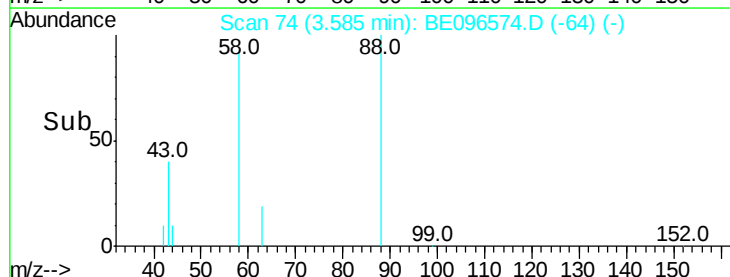
43 39.5 41.2 61.8#

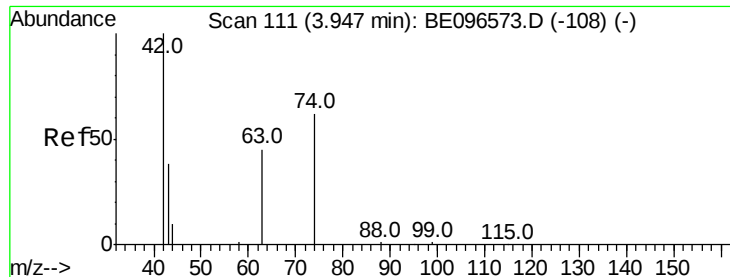


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

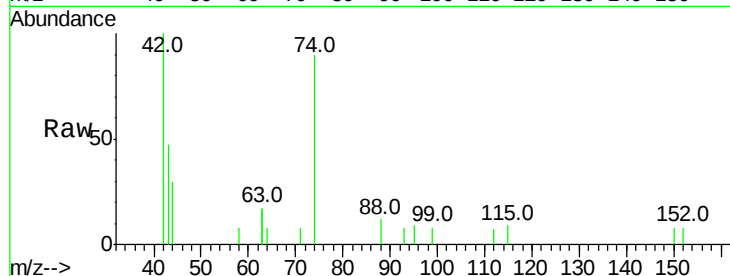




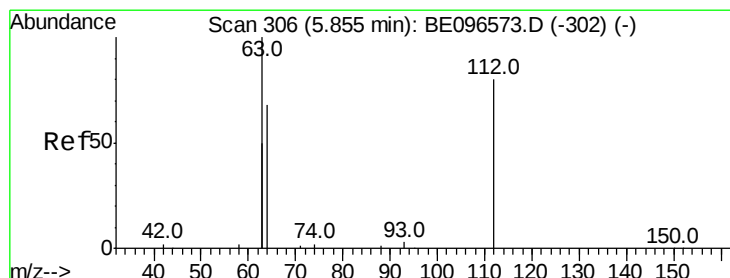
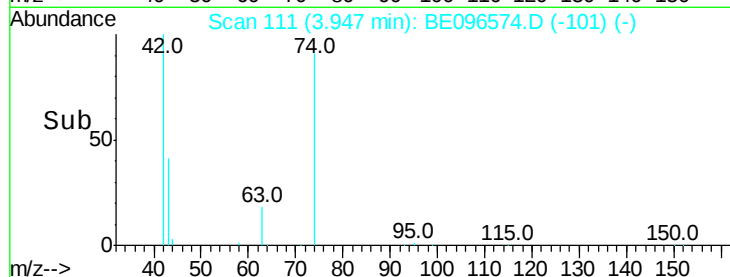
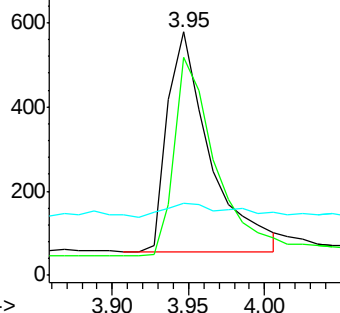
#3
 n-Nitrosodimethylamine
 Concen: 0.829 ng
 RT: 3.95 min Scan# 111
 Delta R.T. -0.00 min
 Lab File: BE096574.D
 Acq: 15 May 2018 11:00

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Tot Ion: 42 Resp: 1017
 Ion Ratio Lower Upper
 42 100
 74 87.8 96.0 144.0#
 44 8.8 12.0 18.0#

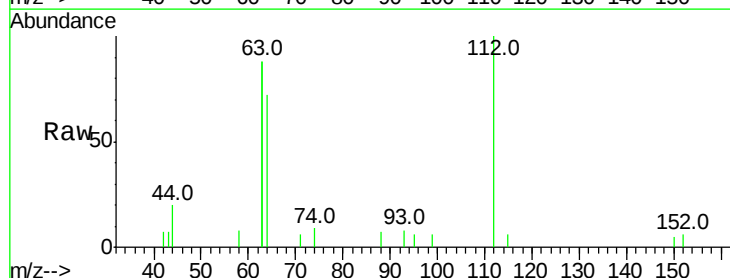


Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0

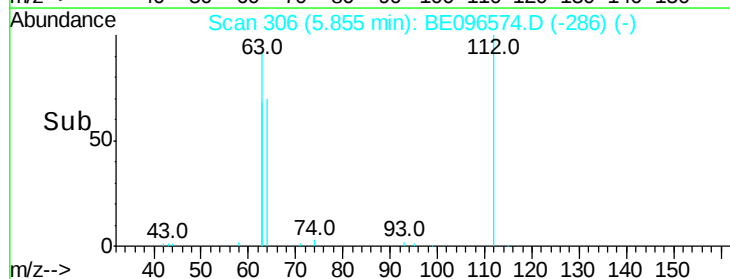
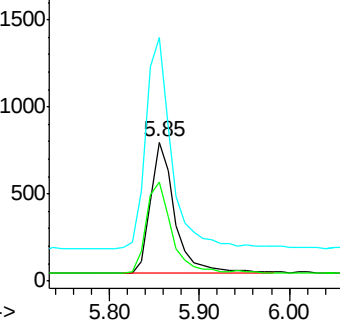


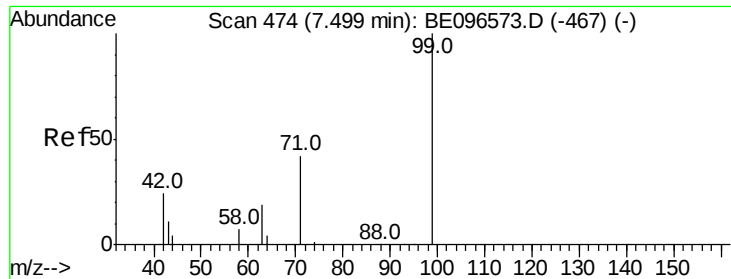
#4
 2-Fluorophenol
 Concen: 0.728 ng
 RT: 5.85 min Scan# 306
 Delta R.T. -0.00 min
 Lab File: BE096574.D
 Acq: 15 May 2018 11:00

Tgt Ion: 112 Resp: 1458
 Ion Ratio Lower Upper
 112 100
 64 73.7 60.1 90.1
 63 169.2 116.8 175.2



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: 0.750 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.00 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

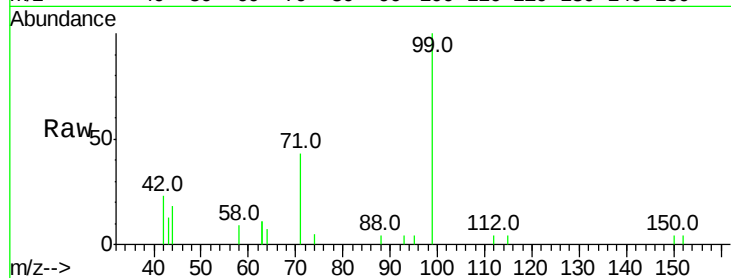
Tot Ion: 99 Resp: 2075

Ion Ratio Lower Upper

99 100

42 27.1 20.2 30.2

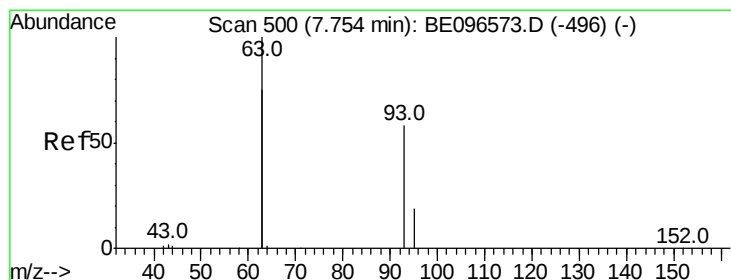
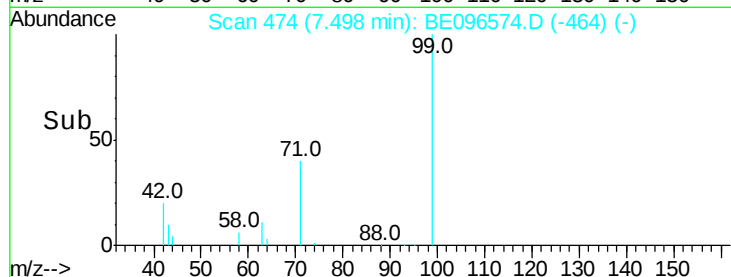
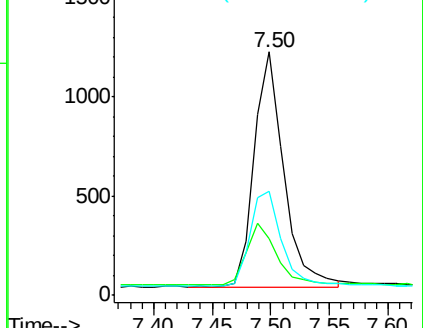
71 43.5 28.4 42.6#



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: 0.799 ng

RT: 7.74 min Scan# 499

Delta R.T. -0.01 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

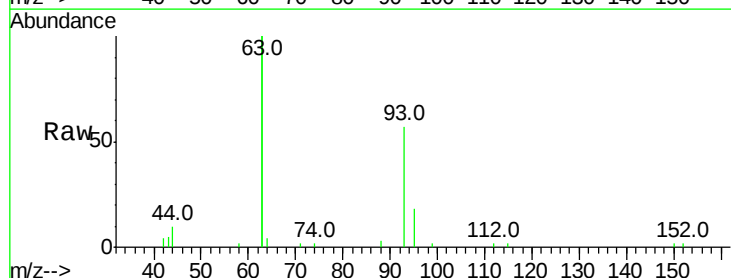
Tgt Ion: 93 Resp: 1945

Ion Ratio Lower Upper

93 100

63 323.4 275.3 412.9

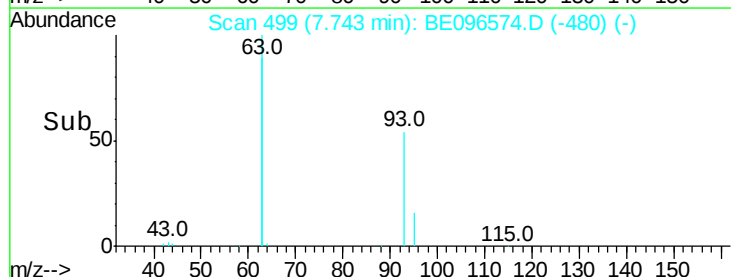
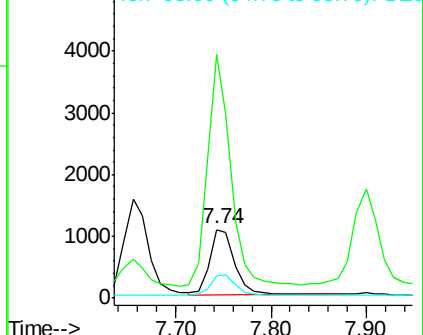
95 32.0 25.2 37.8

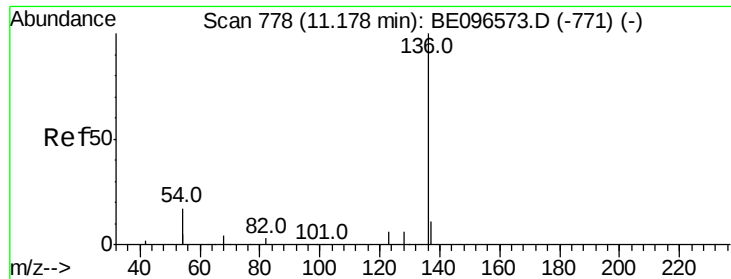


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: BE096574.D

Acq: 15 May 2018 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 2680

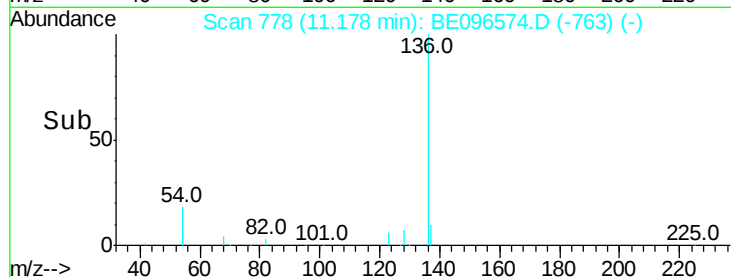
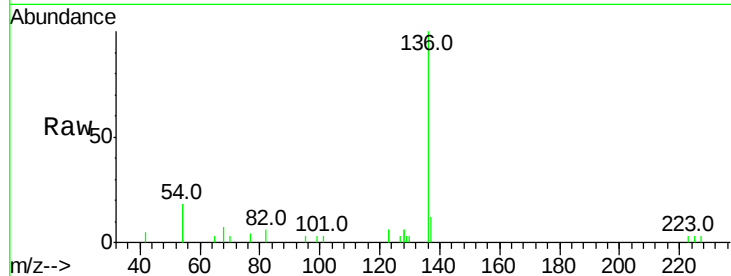
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 35.6 29.1 43.7

68 7.2 6.2 9.2

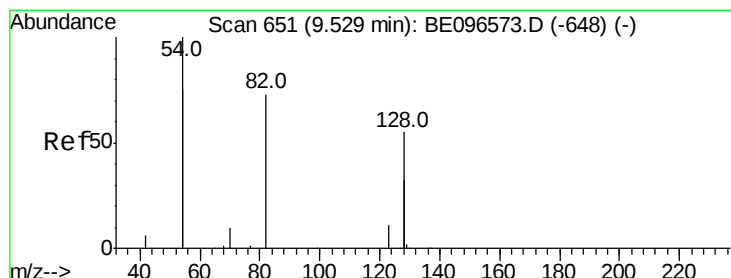
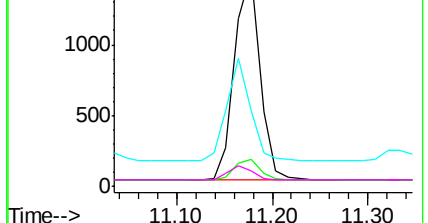


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.737 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

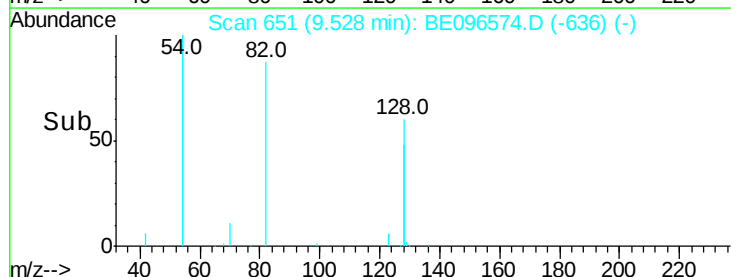
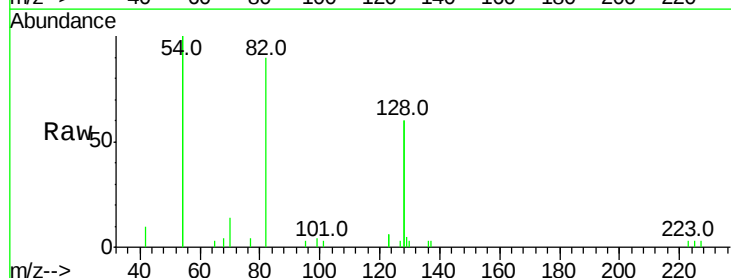
Tgt Ion: 82 Resp: 2316

Ion Ratio Lower Upper

82 100

128 133.0 150.0 225.0#

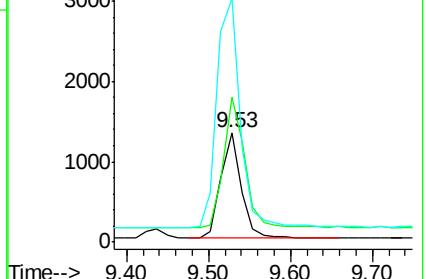
54 222.6 154.2 231.4

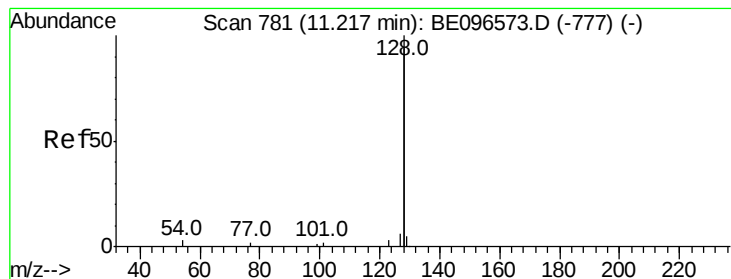


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.799 ng

RT: 11.22 min Scan# 781

Delta R.T. -0.00 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDICC0.8

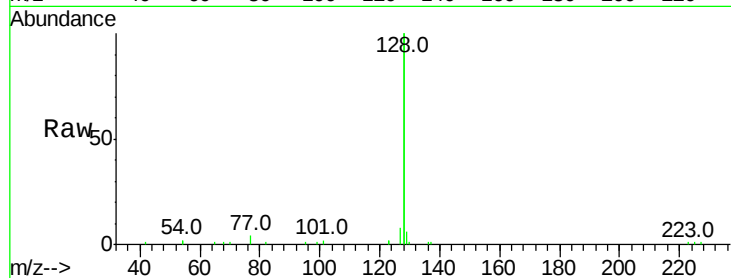
Tot Ion:128 Resp: 22561

Ion Ratio Lower Upper

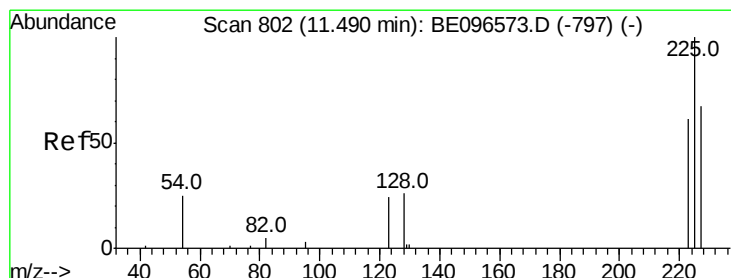
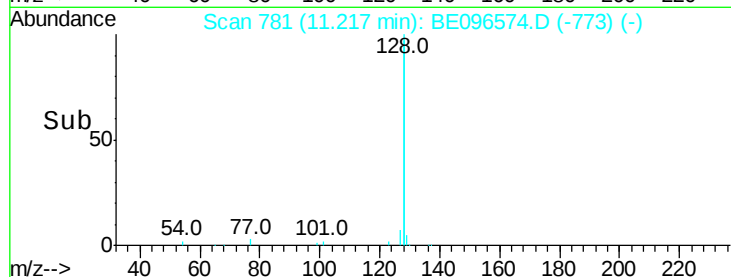
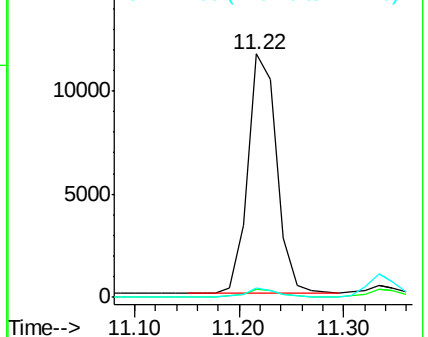
128 100

129 3.1 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: 0.889 ng

RT: 11.49 min Scan# 802

Delta R.T. -0.00 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

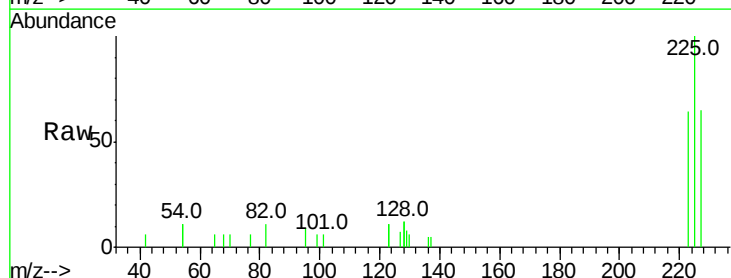
Tgt Ion:225 Resp: 1114

Ion Ratio Lower Upper

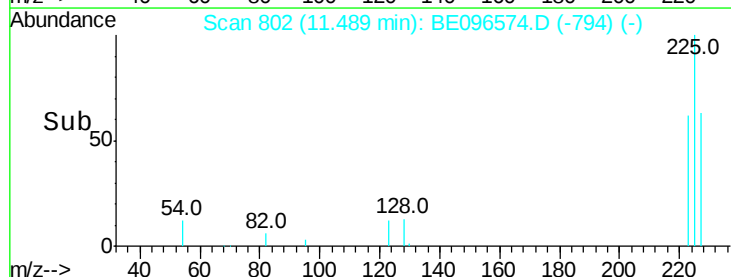
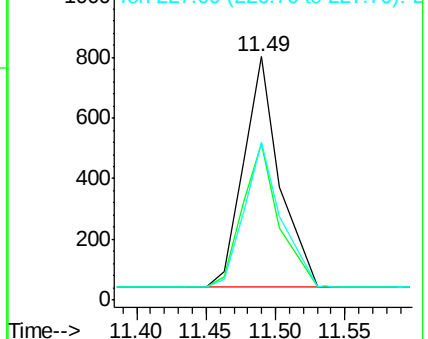
225 100

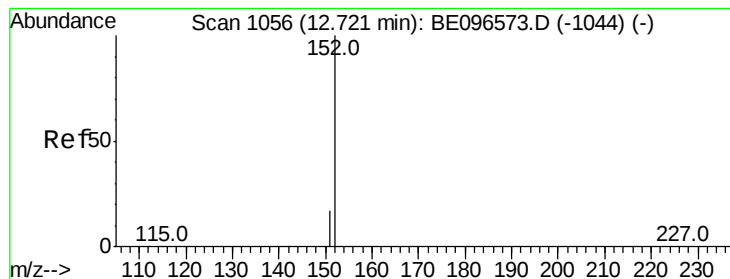
223 68.8 53.0 79.6

227 64.6 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

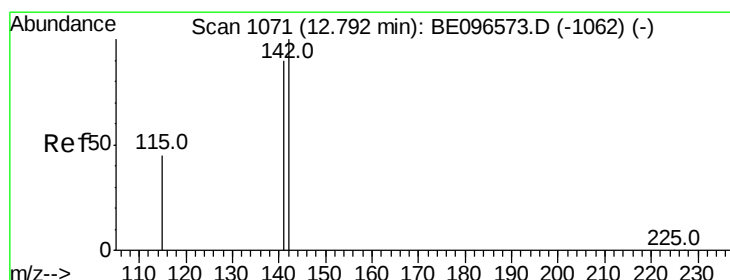
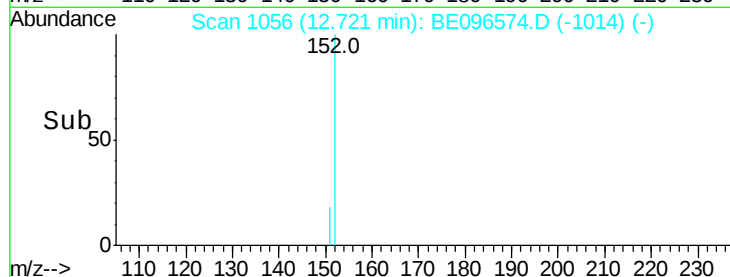
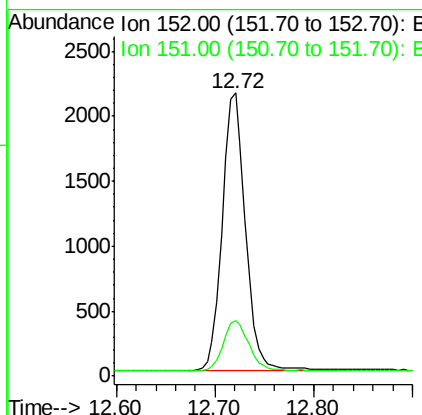
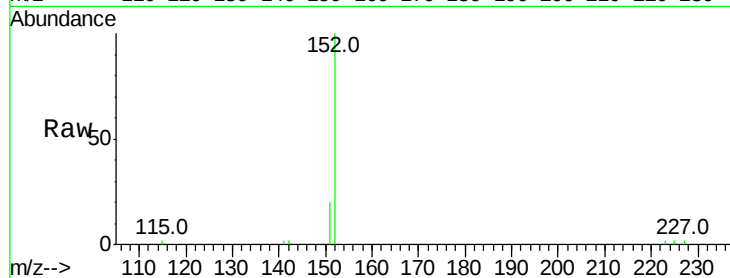




#11
2-Methylnaphthalene-d10
Concen: 0.818 ng
RT: 12.72 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

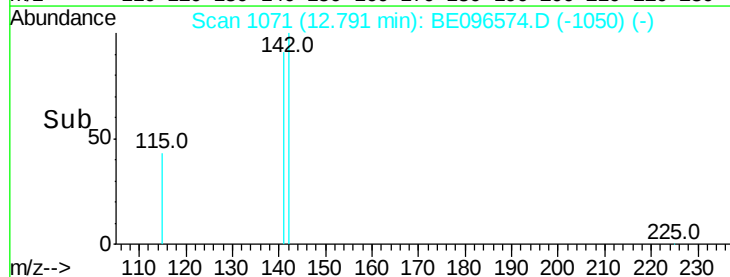
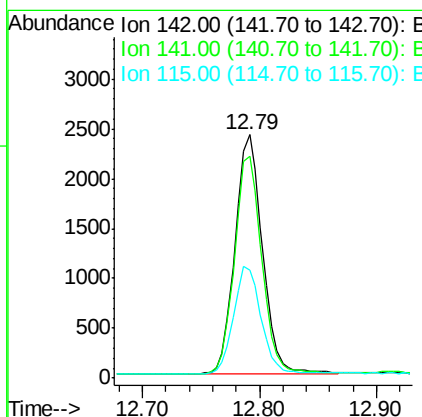
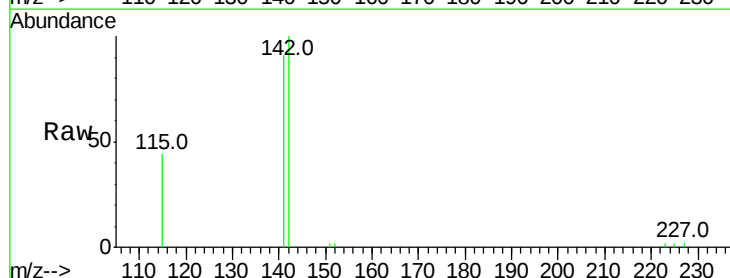
Instrument :
BNA_E
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SSTDIC0.8

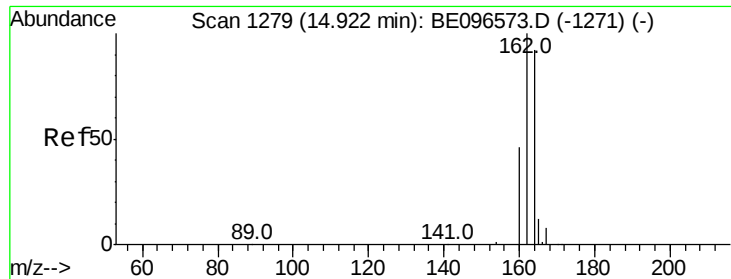
Tot Ion:152 Resp: 3476
Ion Ratio Lower Upper
152 100
151 19.8 15.4 23.0



#12
2-Methylnaphthalene
Concen: 0.832 ng
RT: 12.79 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Tgt Ion:142 Resp: 3891
Ion Ratio Lower Upper
142 100
141 91.1 70.4 105.6
115 44.4 31.7 47.5

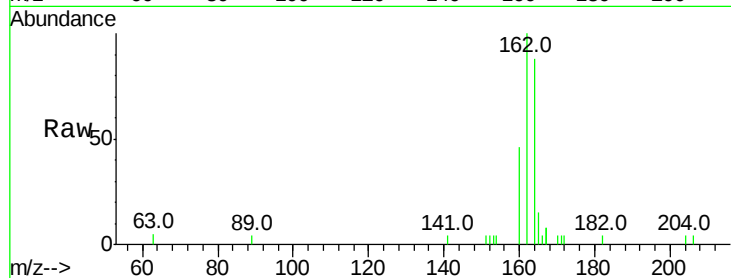




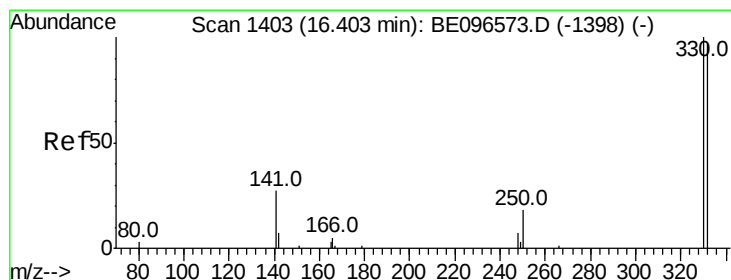
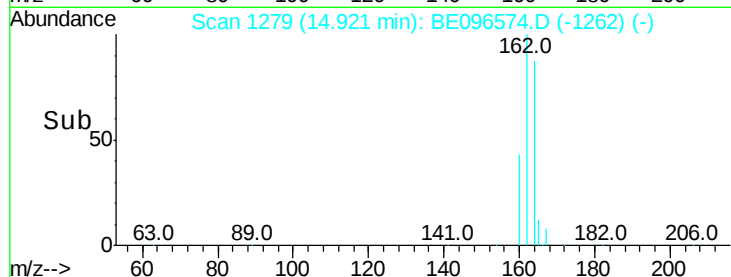
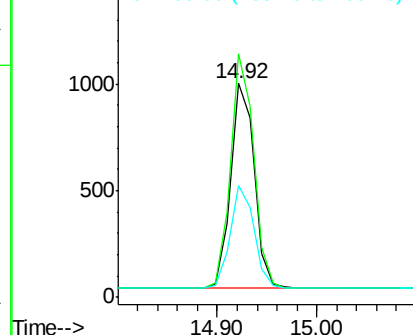
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.92 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion:164 Resp: 1574
Ion Ratio Lower Upper
164 100
162 113.9 83.1 124.7
160 52.0 37.1 55.7

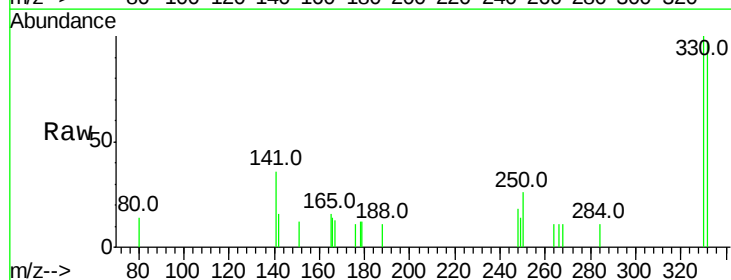


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

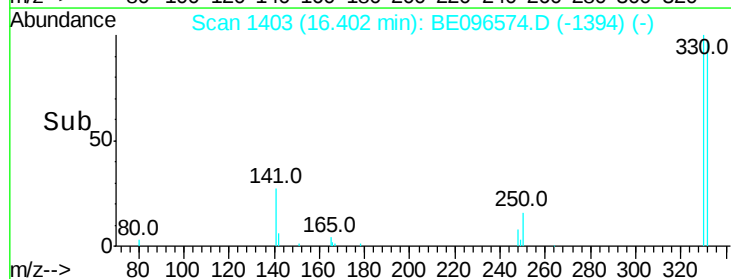
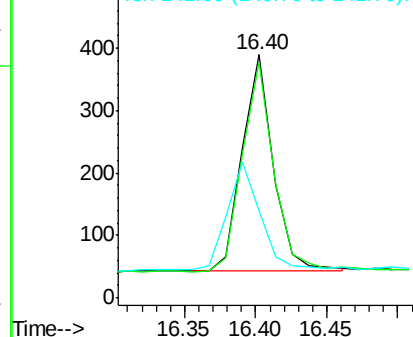


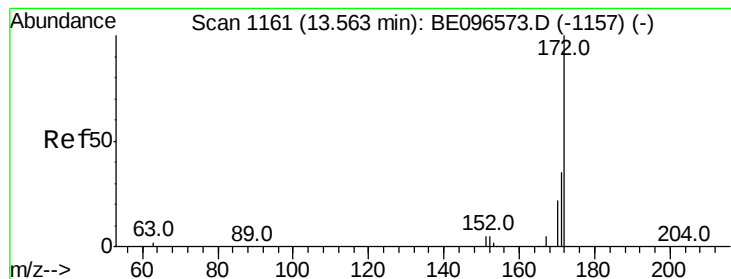
#14
2,4,6-Tribromophenol
Concen: 0.693 ng
RT: 16.40 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BE096574.D
Acq: 15 May 2018 11:00

Tgt Ion:330 Resp: 527
Ion Ratio Lower Upper
330 100
332 97.7 152.7 229.1#
141 52.0 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: 0.818 ng

RT: 13.56 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

Instrument :

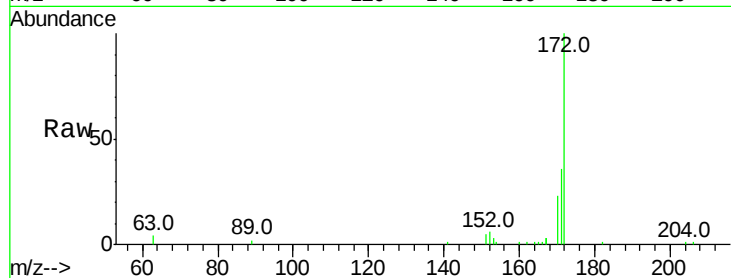
BNA_E

ClientSampleId :

SSTDICC0.8

Tot Ion:172 Resp: 5508

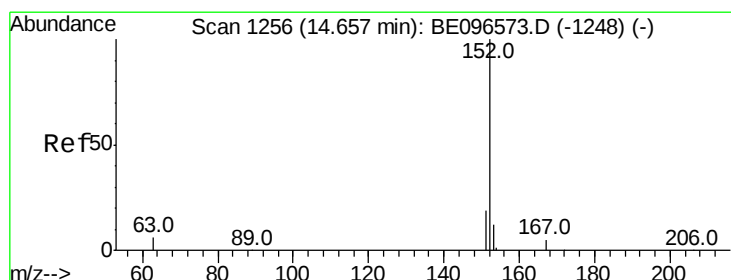
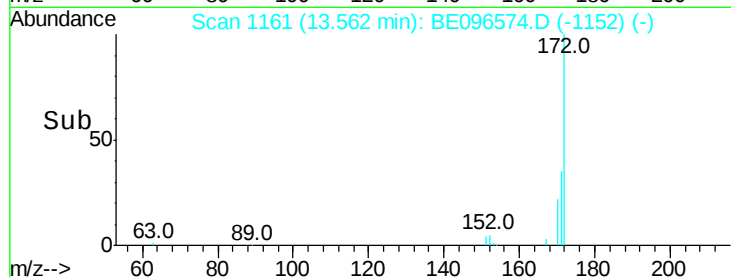
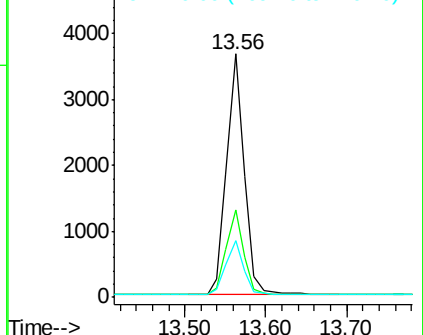
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.9	44.9
170	23.1	21.8	32.8



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: 0.805 ng

RT: 14.66 min Scan# 1256

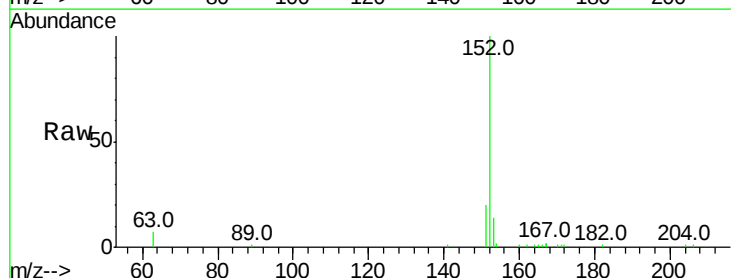
Delta R.T. -0.00 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

Tgt Ion:152 Resp: 6765

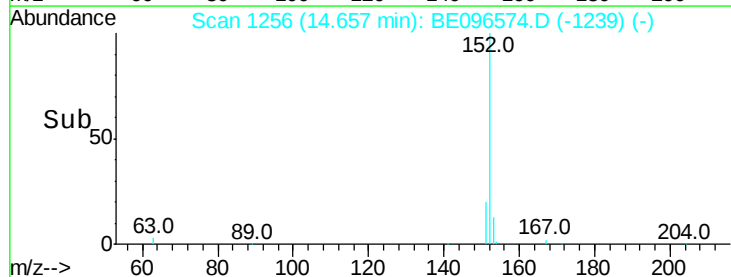
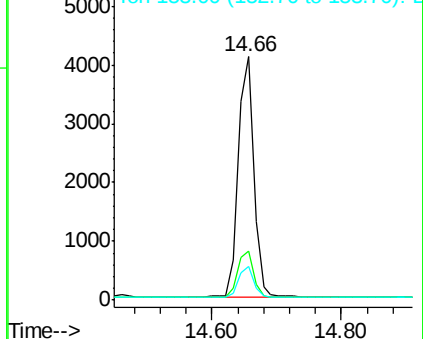
Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	12.7	10.5	15.7

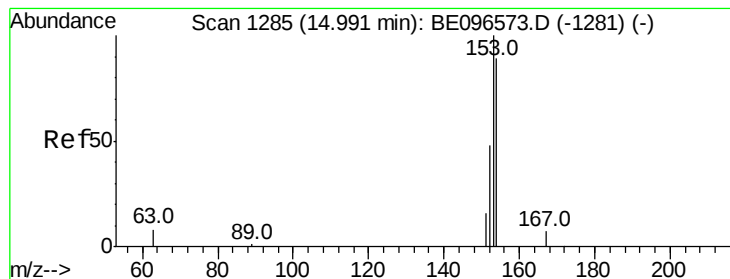


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.802 ng

RT: 14.99 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

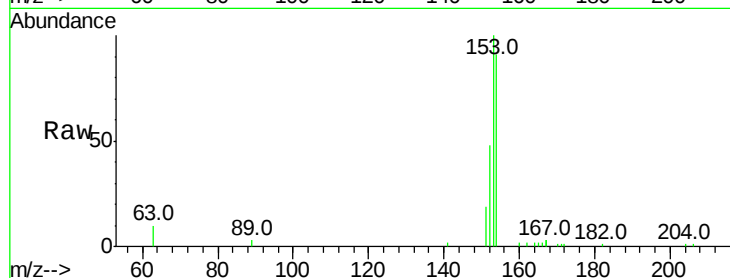
Tot Ion:154 Resp: 4052

Ion Ratio Lower Upper

154 100

153 116.5 89.2 133.8

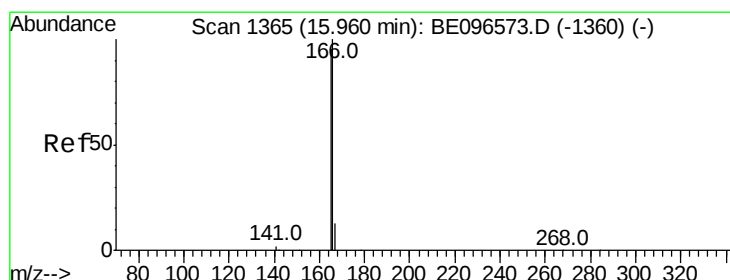
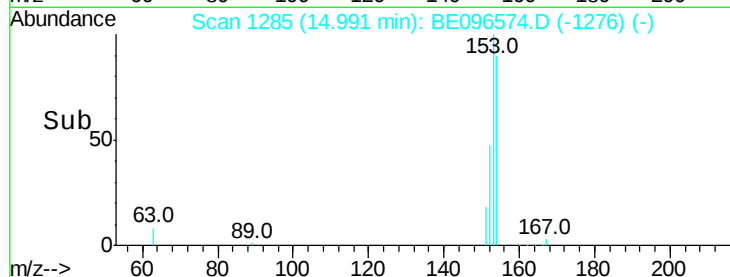
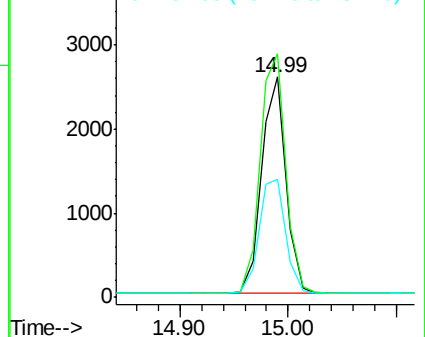
152 57.7 42.0 63.0



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: 0.810 ng

RT: 15.96 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

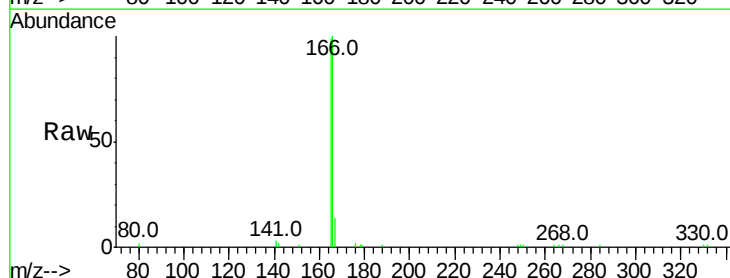
Tgt Ion:166 Resp: 5063

Ion Ratio Lower Upper

166 100

165 100.9 77.8 116.6

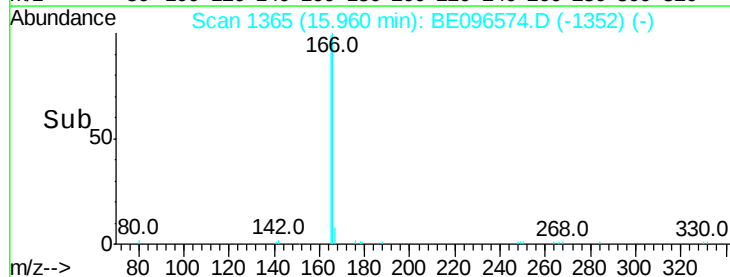
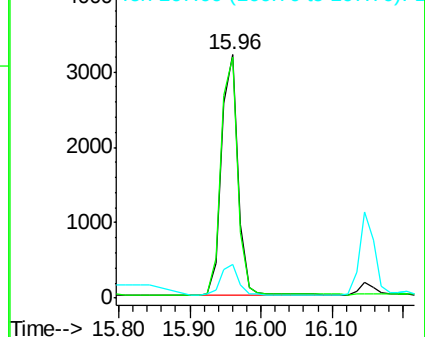
167 13.3 42.4 63.6#

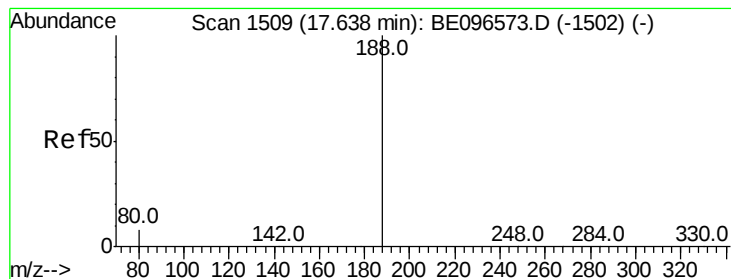


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE096574.D

Acq: 15 May 2018 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

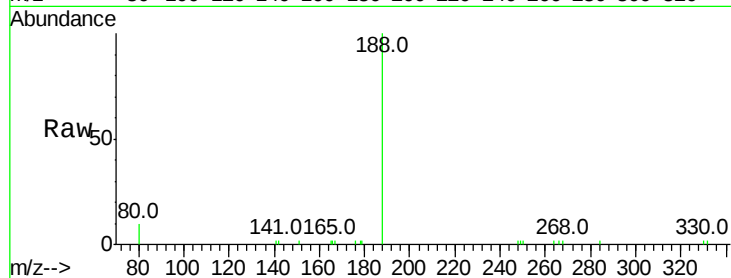
Tot Ion:188 Resp: 3641

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

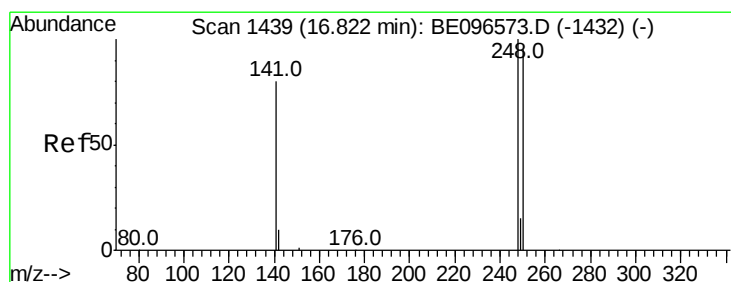
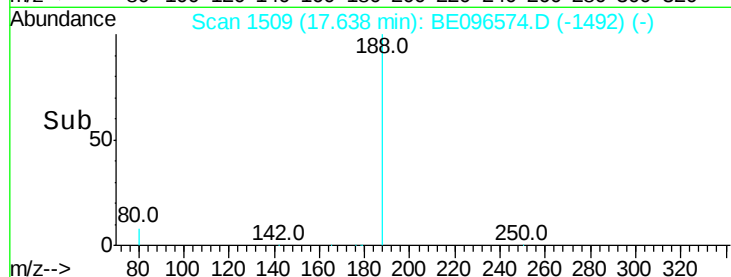
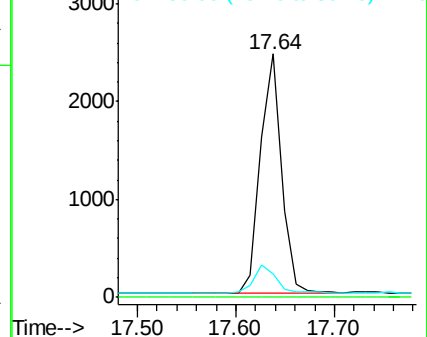
80 9.7 3.6 5.4#



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: 0.825 ng

RT: 16.82 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

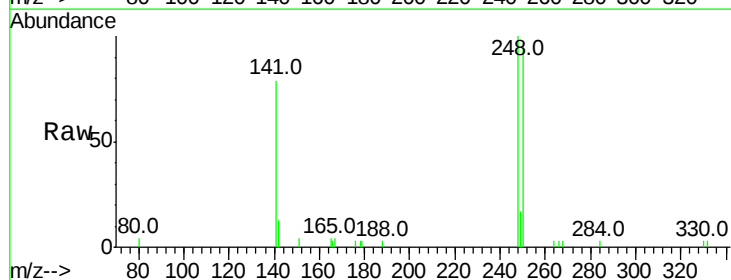
Tgt Ion:248 Resp: 1784

Ion Ratio Lower Upper

248 100

250 95.6 62.7 94.1#

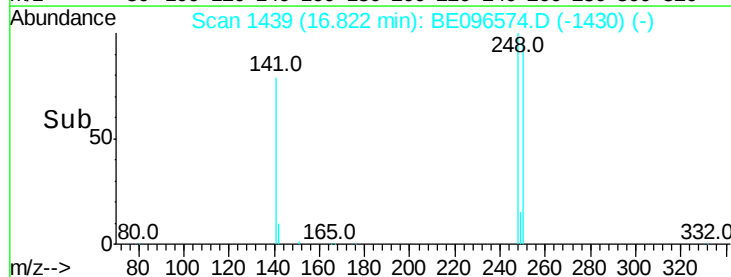
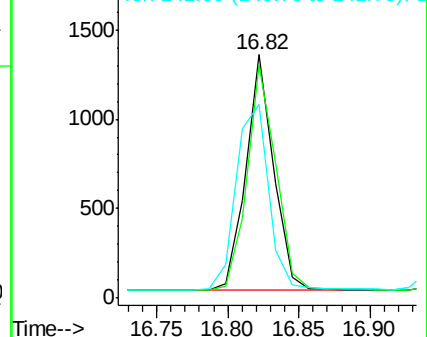
141 79.4 48.2 72.2#

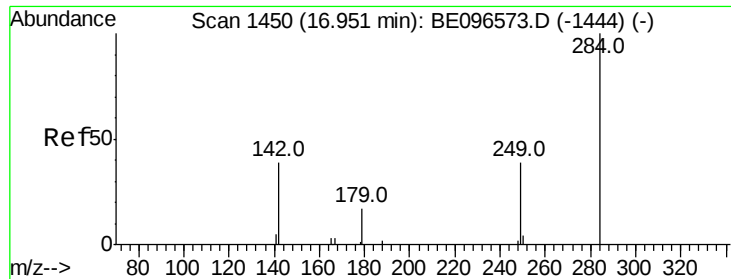


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.846 ng

RT: 16.95 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

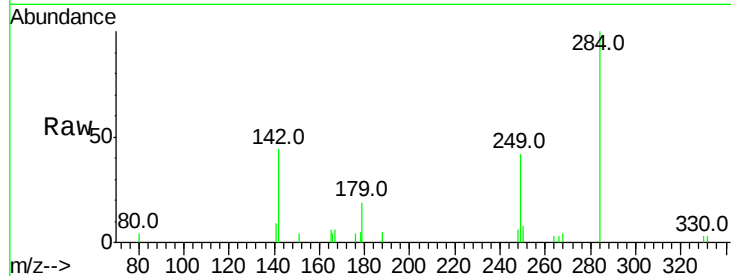
Tot Ion:284 Resp: 1824

Ion Ratio Lower Upper

284 100

142 46.1 22.1 33.1#

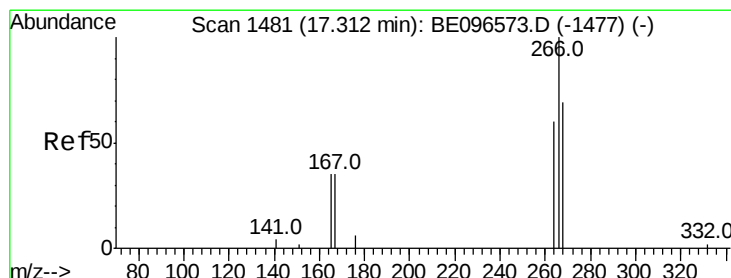
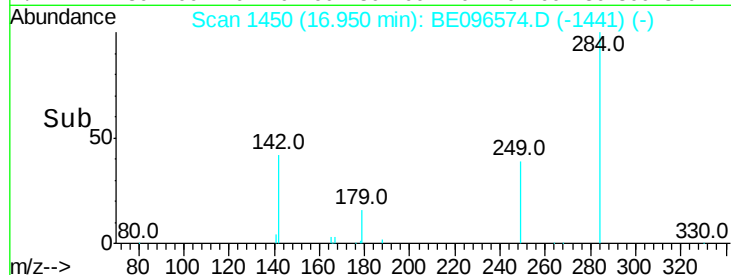
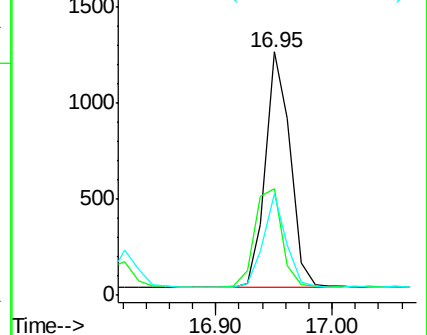
249 36.0 34.8 52.2



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: 0.501 ng

RT: 17.30 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

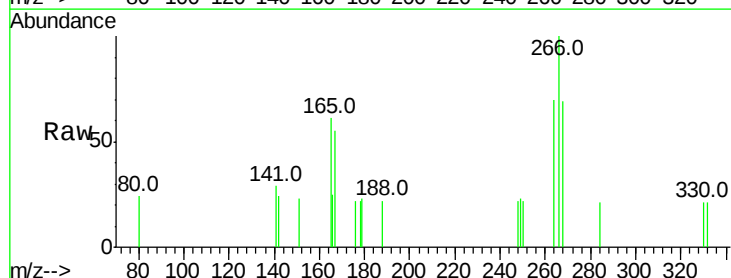
Tgt Ion:266 Resp: 355

Ion Ratio Lower Upper

266 100

264 70.0 72.5 108.7#

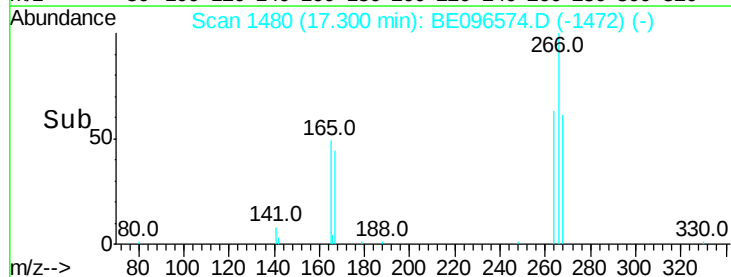
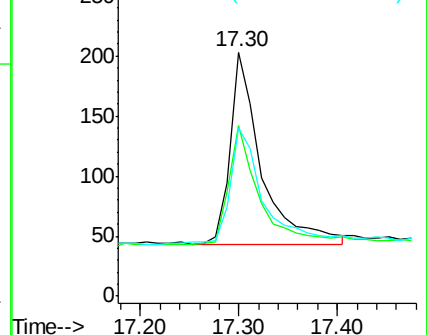
268 69.0 73.8 110.6#

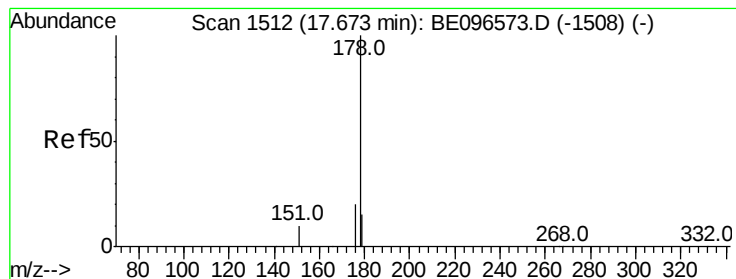


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.796 ng

RT: 17.67 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

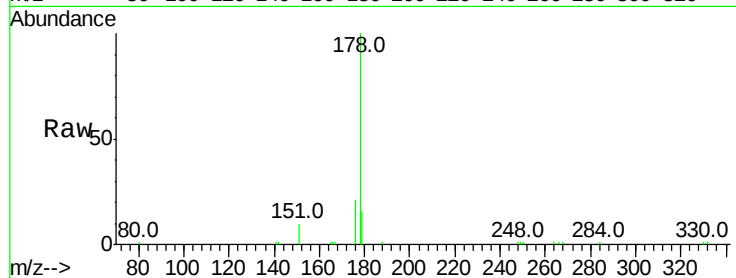
Tot Ion:178 Resp: 8145

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

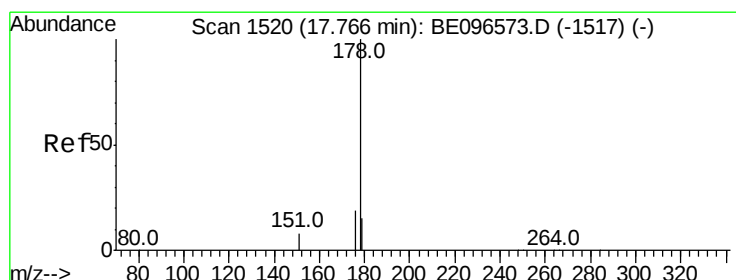
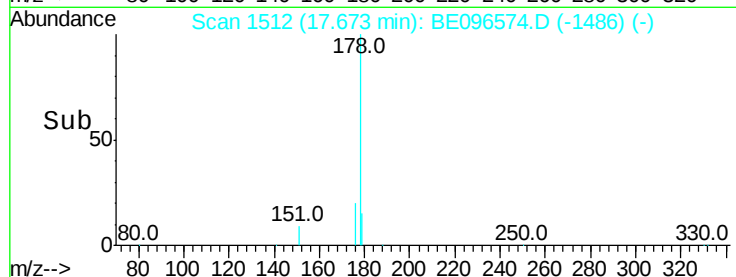
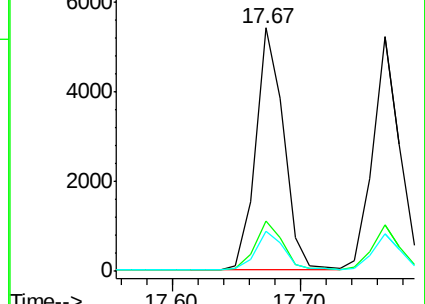
179 15.3 11.8 17.6



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: 0.779 ng

RT: 17.77 min Scan# 1520

Delta R.T. -0.00 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

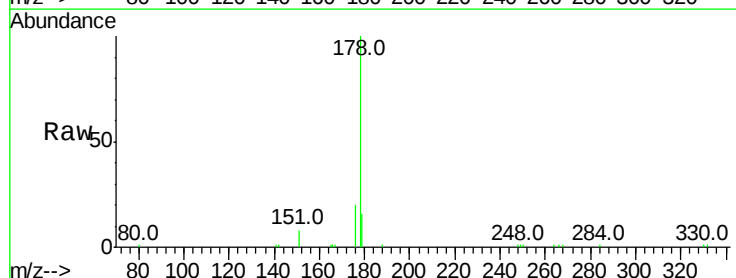
Tgt Ion:178 Resp: 7620

Ion Ratio Lower Upper

178 100

176 19.2 12.8 19.2#

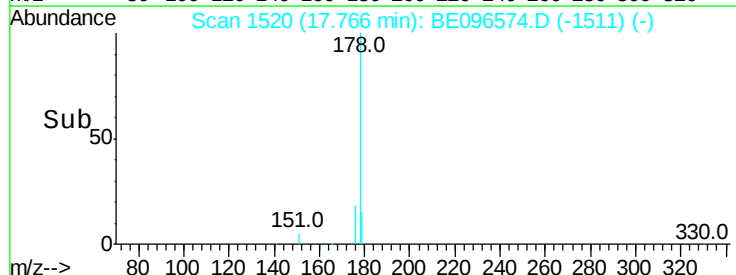
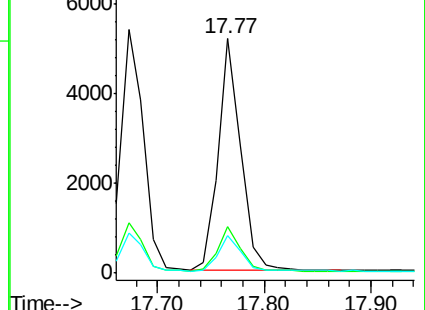
179 15.3 13.0 19.6

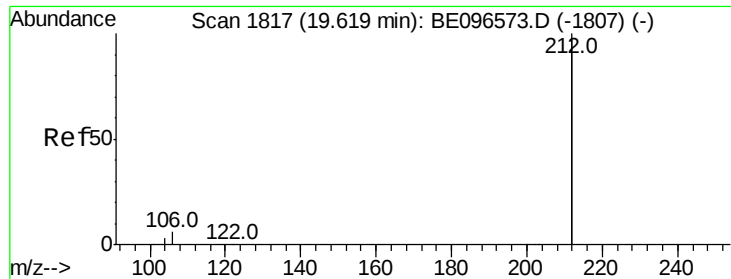


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.715 ng

RT: 19.62 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

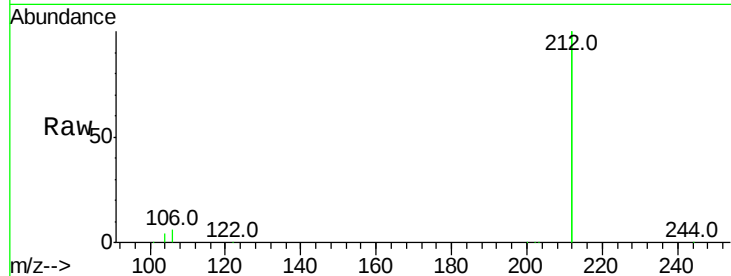
Tot Ion:212 Resp: 35342

Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2#

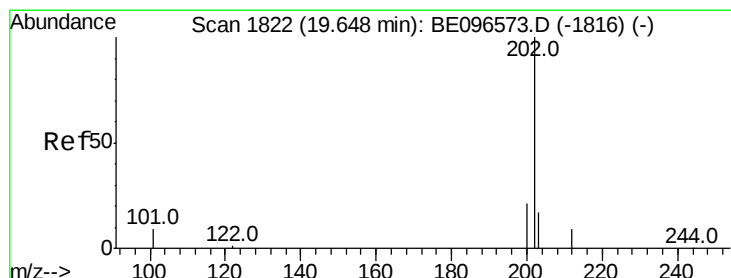
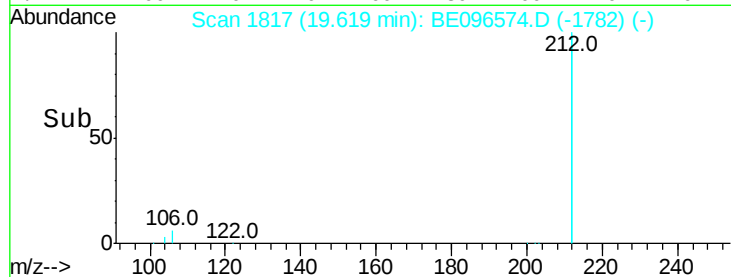
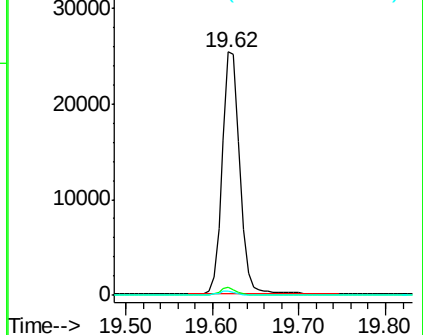
104 1.6 1.6 2.4#



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.731 ng

RT: 19.65 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

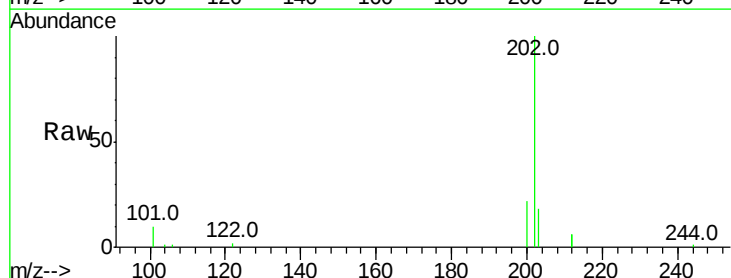
Tgt Ion:202 Resp: 9830

Ion Ratio Lower Upper

202 100

101 9.6 9.8 14.8#

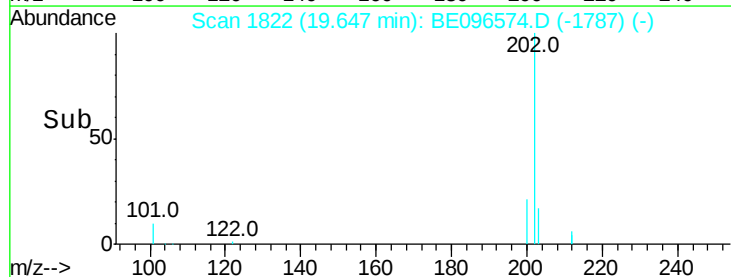
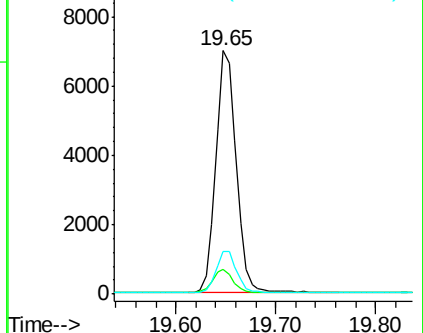
203 17.0 13.7 20.5

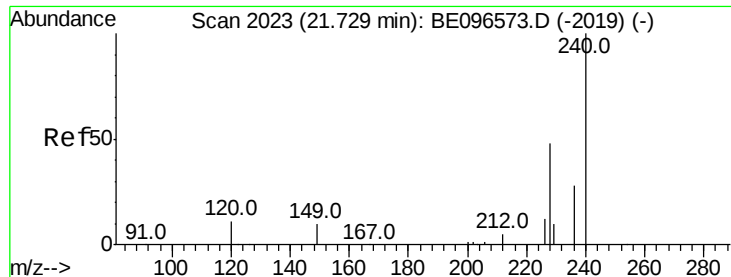


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.73 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

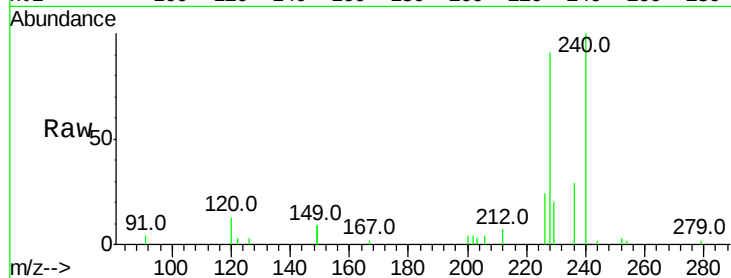
Tot Ion:240 Resp: 3526

Ion Ratio Lower Upper

240 100

120 12.6 5.5 8.3#

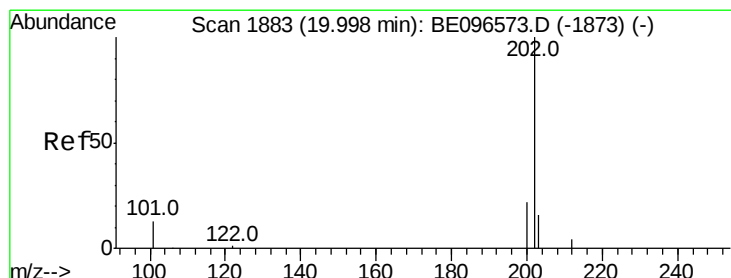
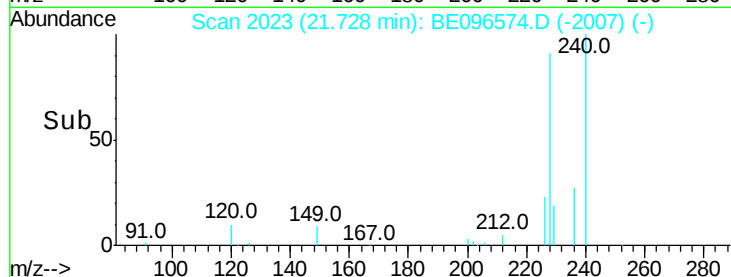
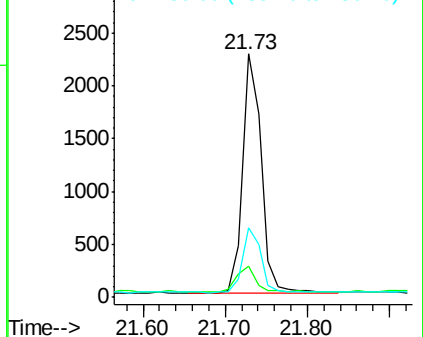
236 28.5 20.7 31.1



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: 0.683 ng

RT: 20.00 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

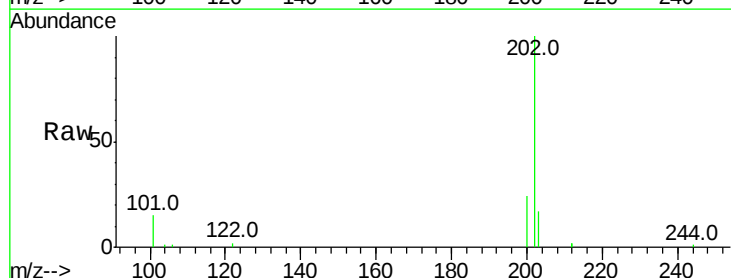
Tgt Ion:202 Resp: 4744

Ion Ratio Lower Upper

202 100

200 22.7 16.6 25.0

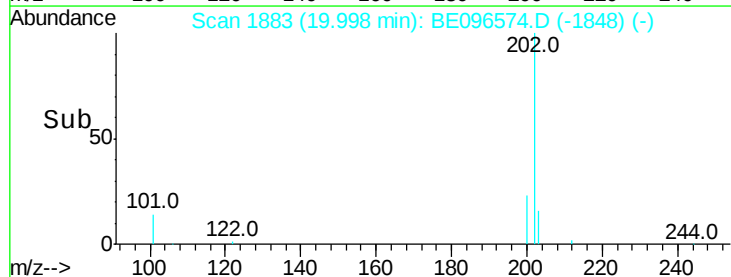
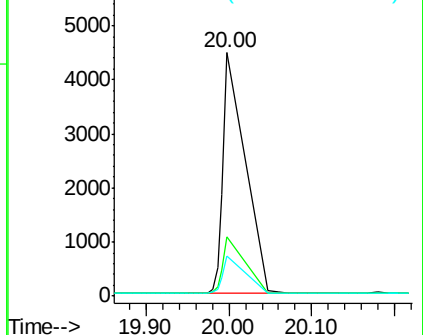
203 14.3 13.8 20.8

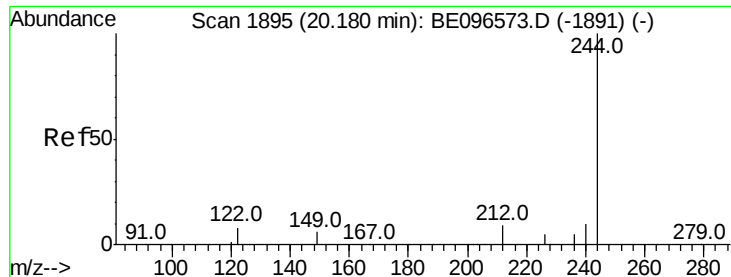


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.816 ng

RT: 20.18 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

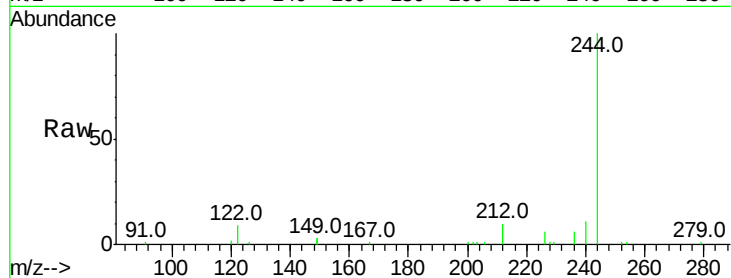
Tot Ion:244 Resp: 6356

Ion Ratio Lower Upper

244 100

212 10.2 25.4 38.0#

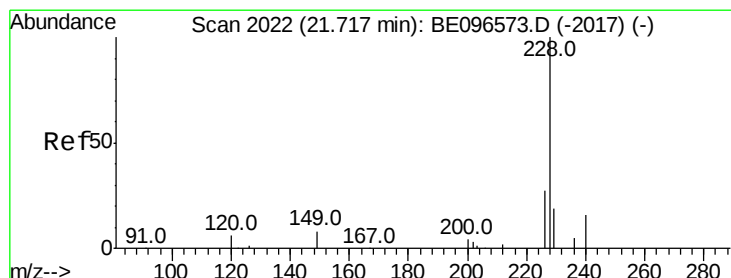
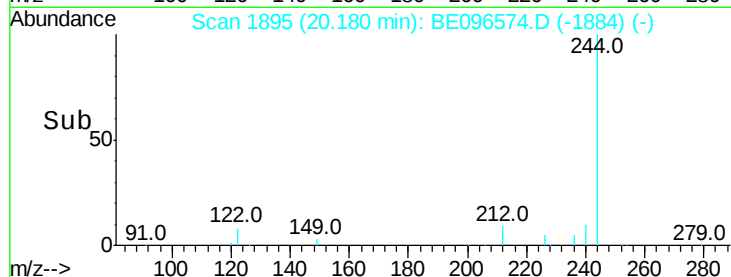
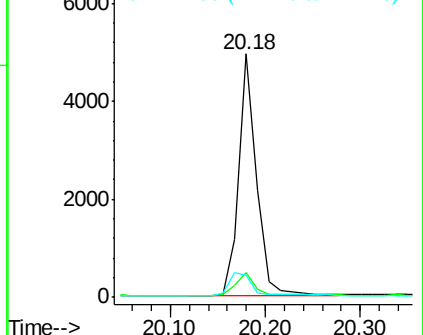
122 9.0 8.1 12.1



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: 0.764 ng

RT: 21.72 min Scan# 222

Delta R.T. -0.00 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

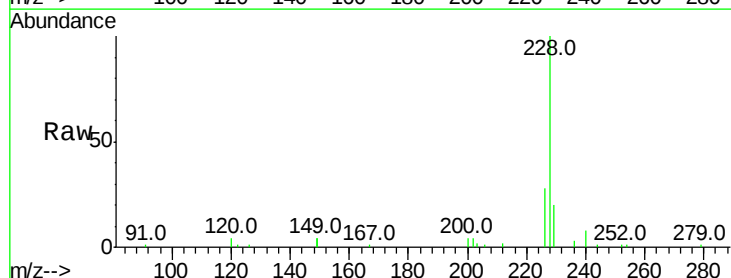
Tgt Ion:228 Resp: 8636

Ion Ratio Lower Upper

228 100

226 27.5 24.0 36.0

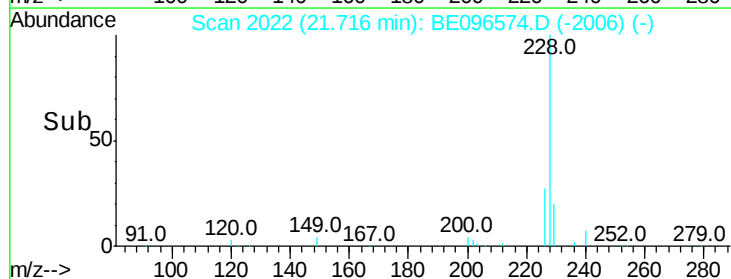
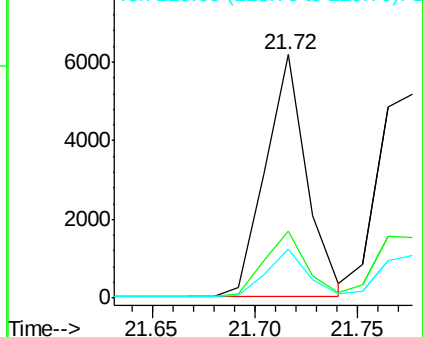
229 20.4 16.0 24.0

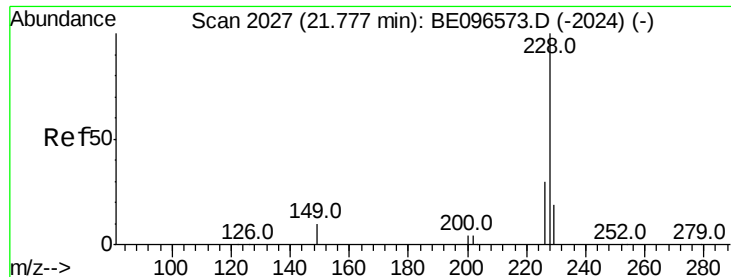


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.819 ng

RT: 21.78 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

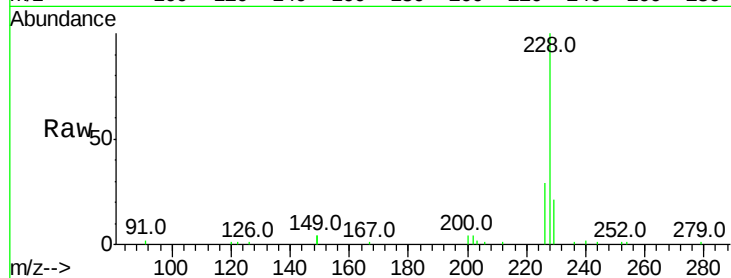
Tot Ion:228 Resp: 8943

Ion Ratio Lower Upper

228 100

226 29.5 24.0 36.0

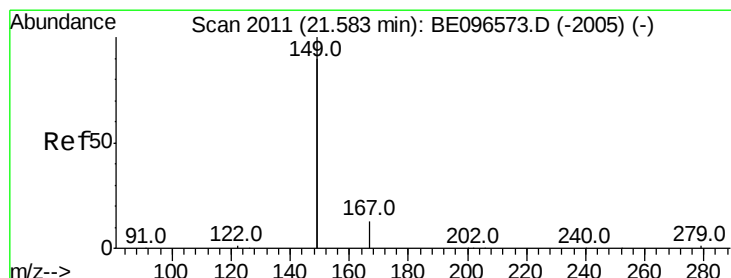
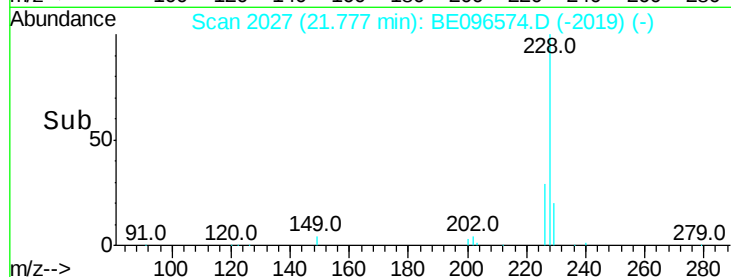
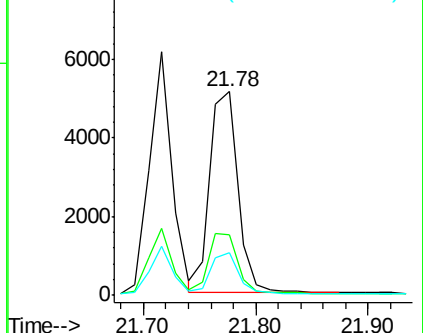
229 20.9 16.0 24.0



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: 0.604 ng

RT: 21.58 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

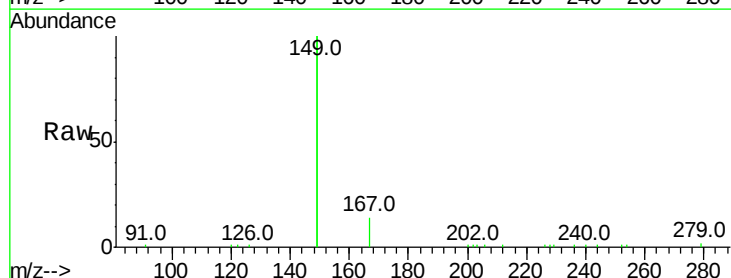
Tgt Ion:149 Resp: 17635

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

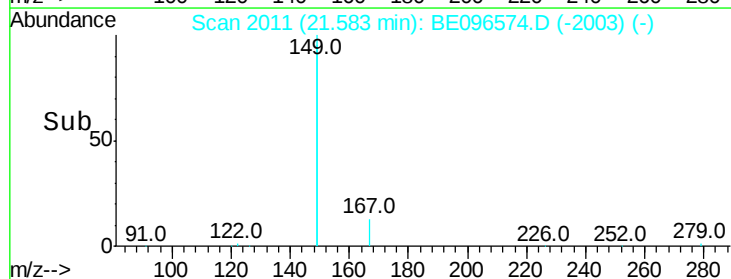
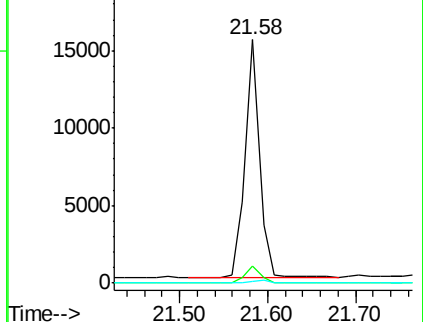
279 0.8 0.7 1.1

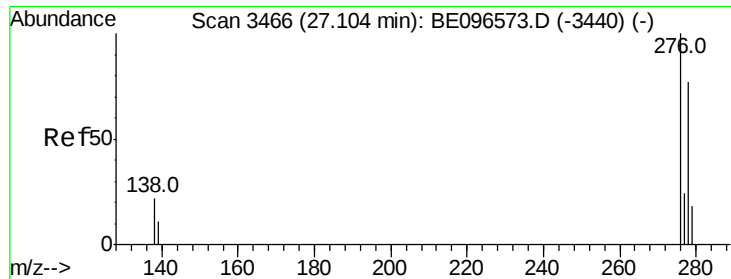


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

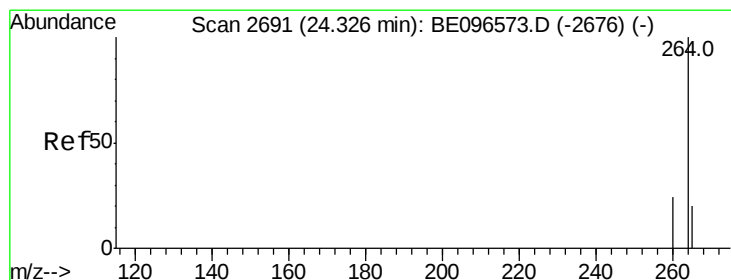
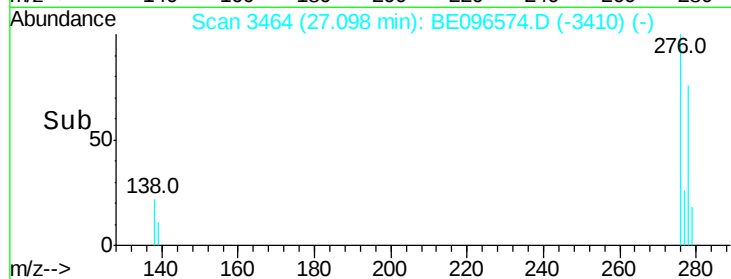
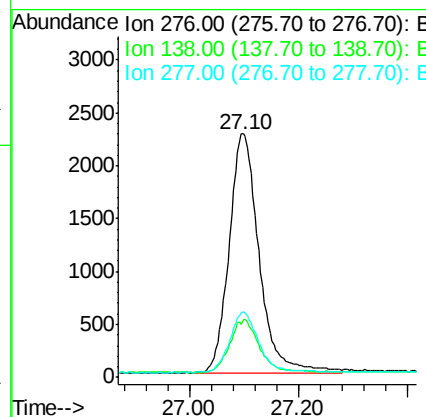
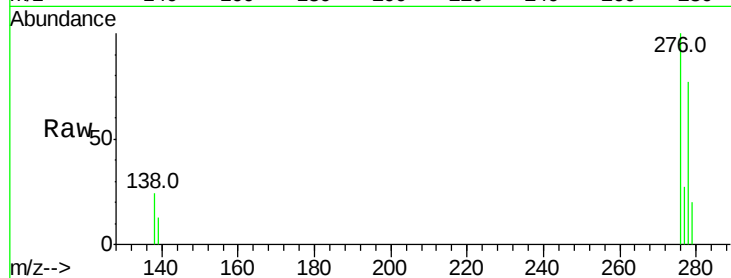




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.818 ng
 RT: 27.10 min Scan# 3464
 Delta R.T. -0.01 min
 Lab File: BE096574.D
 Acq: 15 May 2018 11:00

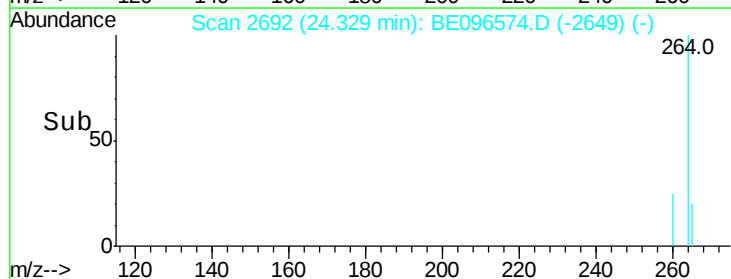
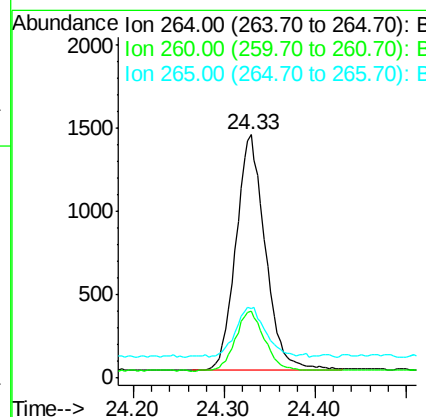
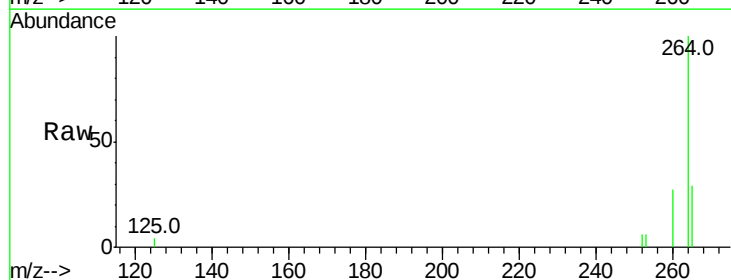
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

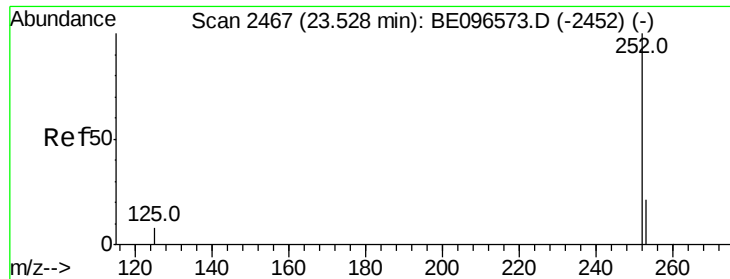
Tot Ion:276 Resp: 8658
 Ion Ratio Lower Upper
 276 100
 138 21.6 22.5 33.7#
 277 24.4 19.9 29.9



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.33 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: BE096574.D
 Acq: 15 May 2018 11:00

Tgt Ion:264 Resp: 3184
 Ion Ratio Lower Upper
 264 100
 260 27.3 20.5 30.7
 265 28.8 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.820 ng

RT: 23.52 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

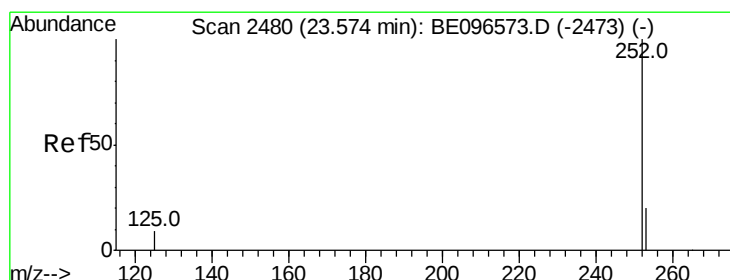
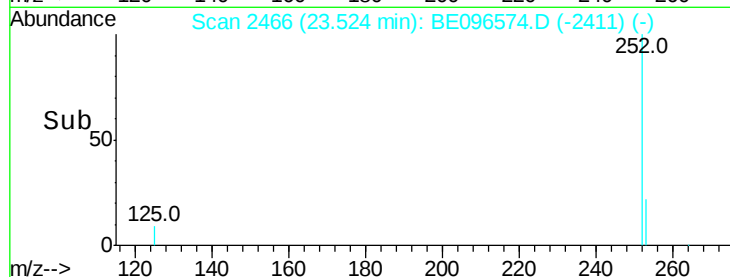
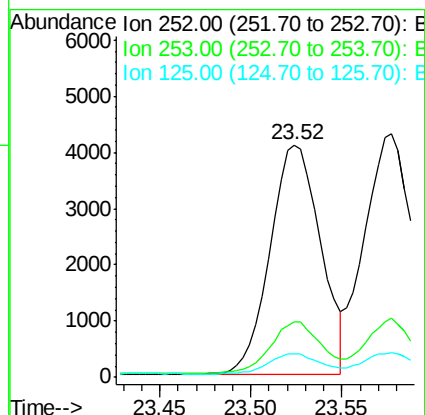
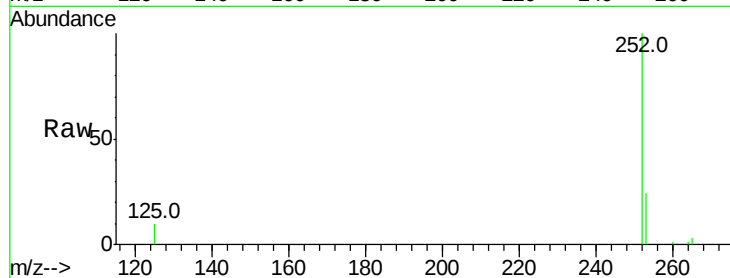
Tot Ion:252 Resp: 7828

Ion Ratio Lower Upper

252 100

253 23.9 20.0 30.0

125 9.9 16.0 24.0#



#36

Benzo(k)fluoranthene

Concen: 0.797 ng

RT: 23.52 min Scan# 2466

Delta R.T. -0.05 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

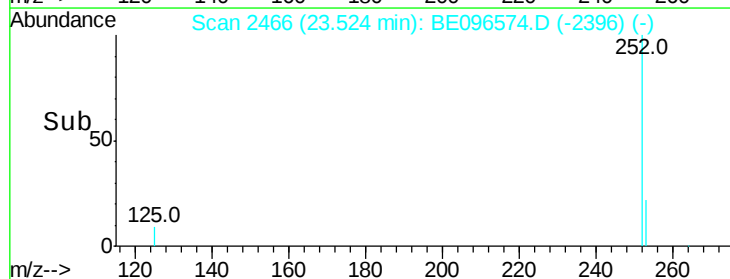
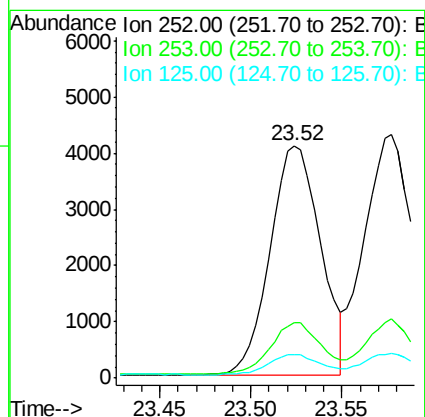
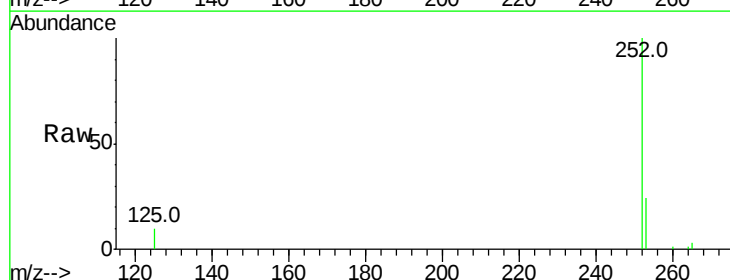
Tgt Ion:252 Resp: 7828

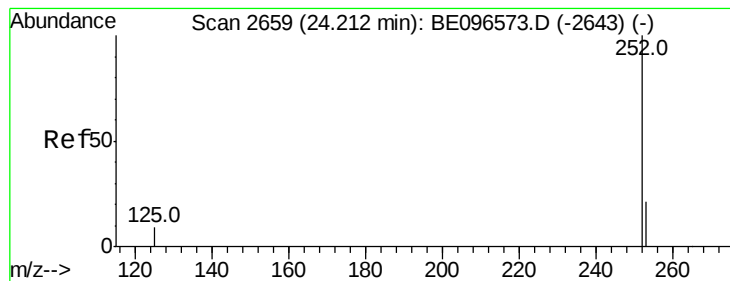
Ion Ratio Lower Upper

252 100

253 23.9 16.0 24.0

125 9.9 8.0 12.0





#37

Benzo(a)pyrene

Concen: 0.816 ng

RT: 24.21 min Scan# 2659

Delta R.T. -0.00 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

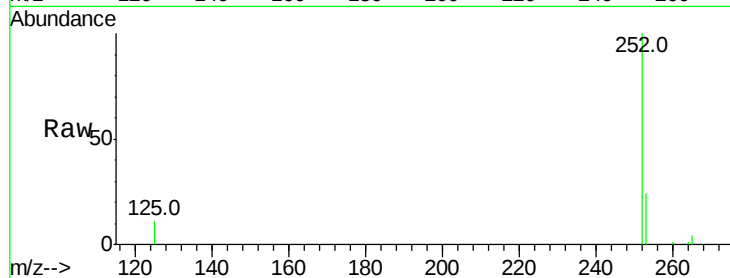
Tot Ion:252 Resp: 7488

Ion Ratio Lower Upper

252 100

253 24.1 16.0 24.0#

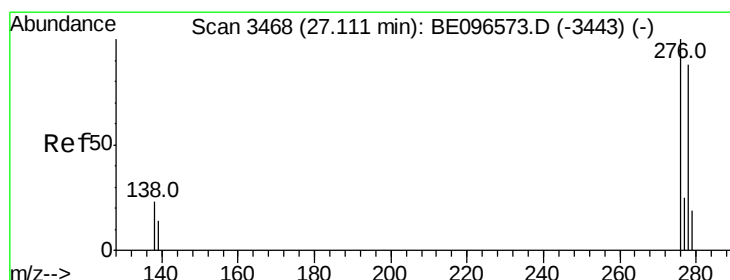
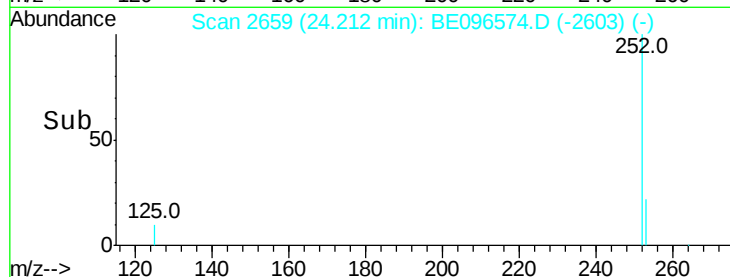
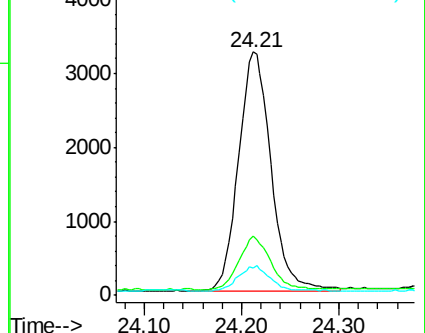
125 11.4 12.0 18.0#



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: 0.853 ng

RT: 27.11 min Scan# 3467

Delta R.T. -0.00 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

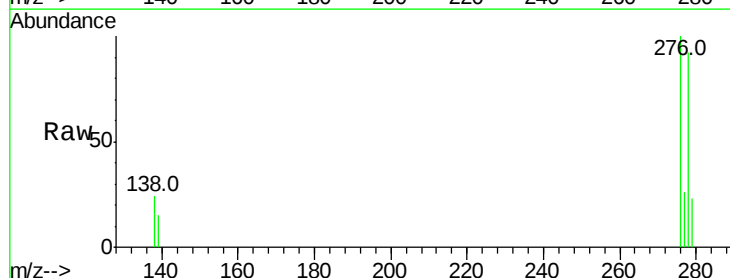
Tgt Ion:278 Resp: 6905

Ion Ratio Lower Upper

278 100

139 16.5 16.0 24.0

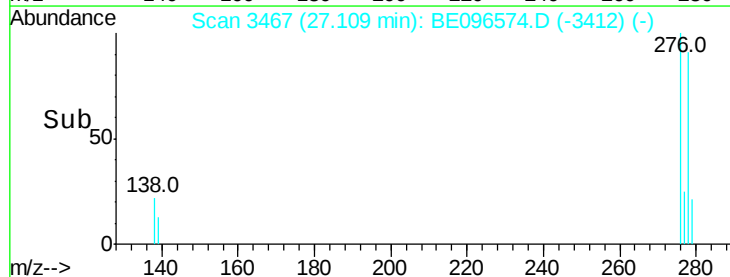
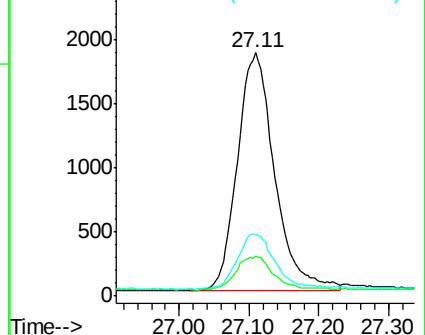
279 25.5 20.0 30.0

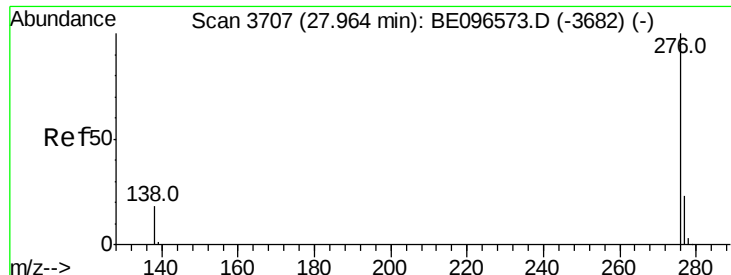


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.841 ng

RT: 27.96 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BE096574.D

Acq: 15 May 2018 11:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

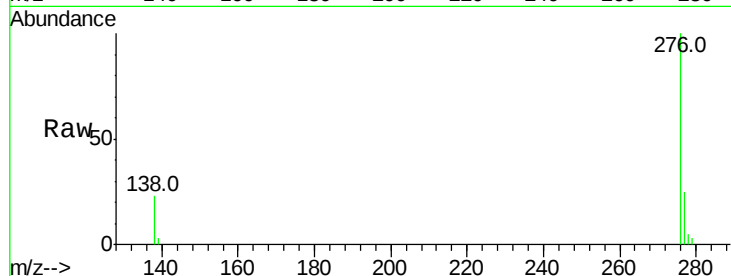
Tot Ion:276 Resp: 7200

Ion Ratio Lower Upper

276 100

277 24.9 16.0 24.0#

138 22.6 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

