

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061919\
 Data File : BE100079.D
 Acq On : 19 Jun 2019 11:20
 Operator : JU/SJ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Quant Time: Jun 19 12:31:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 12:26:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	572	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	1948	0.40	ng	0.00
13) Acenaphthene-d10	14.41	164	1488	0.40	ng	0.00
19) Phenanthrene-d10	17.16	188	4729	0.40	ng	0.00
27) Chrysene-d12	21.34	240	6856	0.40	ng	0.00
34) Perylene-d12	23.84	264	7137	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	1010	0.65	ng	-0.01
5) Phenol-d6	6.90	99	1412	0.76	ng	-0.02
8) Nitrobenzene-d5	8.90	82	1633	0.85	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	2873	0.82	ng	-0.01
14) 2,4,6-Tribromophenol	15.90	330	620	0.68	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	4929	0.85	ng	-0.01
25) Fluoranthene-d10	19.20	212	51324	0.77	ng	0.00
29) Terphenyl-d14	19.80	244	11366	0.98	ng	0.00

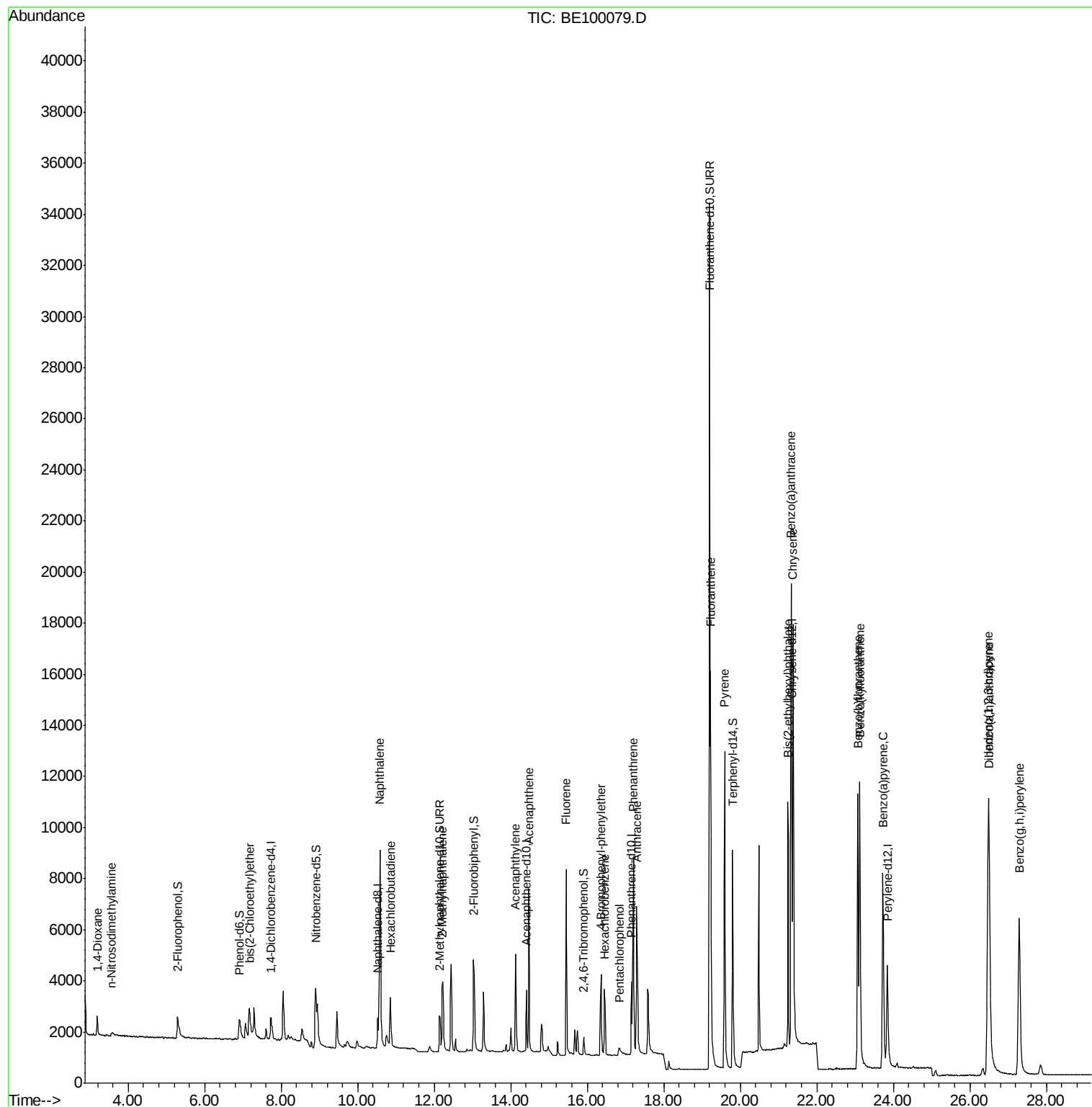
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.20	88	676	0.677	ng	91
3) n-Nitrosodimethylamine	3.57	42	245	0.593	ng	# 100
6) bis(2-Chloroethyl)ether	7.17	93	1207	0.689	ng	# 1
9) Naphthalene	10.58	128	16814	0.781	ng	98
10) Hexachlorobutadiene	10.86	225	1659	0.897	ng	97
12) 2-Methylnaphthalene	12.22	142	2843	0.842	ng	93
16) Acenaphthylene	14.12	152	5634	0.756	ng	99
17) Acenaphthene	14.47	154	3195	0.792	ng	98
18) Fluorene	15.45	166	4783	0.797	ng	97
20) 4-Bromophenyl-phenylether	16.36	248	2198	0.772	ng	# 90
21) Hexachlorobenzene	16.47	284	2441	0.837	ng	99
22) Pentachlorophenol	16.84	266	447	0.490	ng	86
23) Phenanthrene	17.20	178	8932	0.775	ng	98
24) Anthracene	17.30	178	7808	0.771	ng	98
26) Fluoranthene	19.22	202	14129	0.745	ng	99
28) Pyrene	19.59	202	13977	0.819	ng	100
30) Benzo(a)anthracene	21.33	228	15744	0.798	ng	98
31) Chrysene	21.38	228	18725	0.841	ng	97
32) Bis(2-ethylhexyl)phthalate	21.24	149	13228	0.481	ng	100
33) Indeno(1,2,3-cd)pyrene	26.48	276	20853	0.793	ng	# 96
35) Benzo(b)fluoranthene	23.07	252	16522	0.803	ng	# 98
36) Benzo(k)fluoranthene	23.12	252	19073	0.856	ng	98
37) Benzo(a)pyrene	23.73	252	15707	0.769	ng	# 97
38) Dibenzo(a,h)anthracene	26.50	278	16689	0.838	ng	96
39) Benzo(g,h,i)perylene	27.29	276	17291	0.821	ng	97

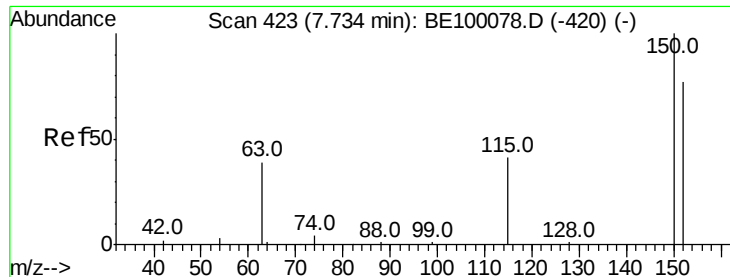
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 19 12:26:33 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.73 min Scan# 423

Delta R.T. -0.00 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

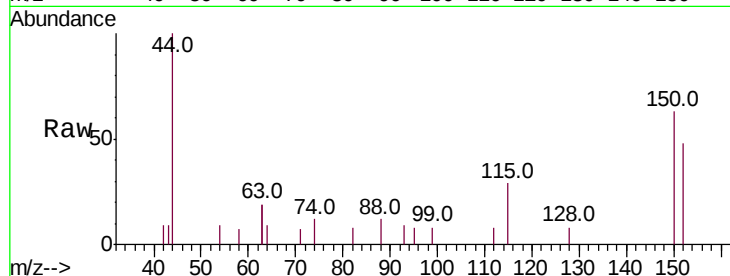
Tot Ion:152 Resp: 572

Ion Ratio Lower Upper

152 100

150 130.3 99.8 149.8

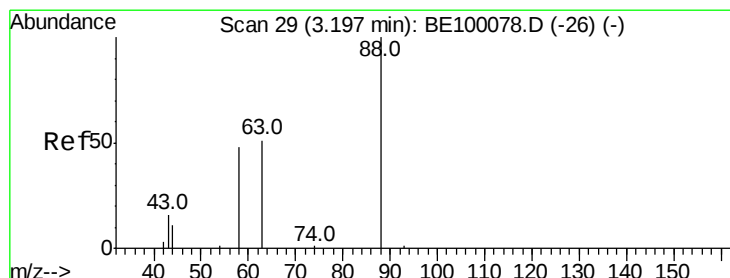
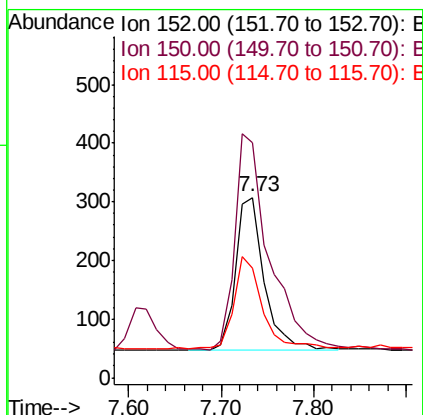
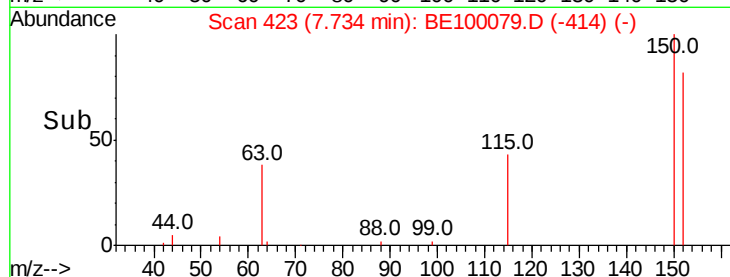
115 60.6 51.3 76.9



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: 0.677 ng

RT: 3.20 min Scan# 29

Delta R.T. -0.00 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

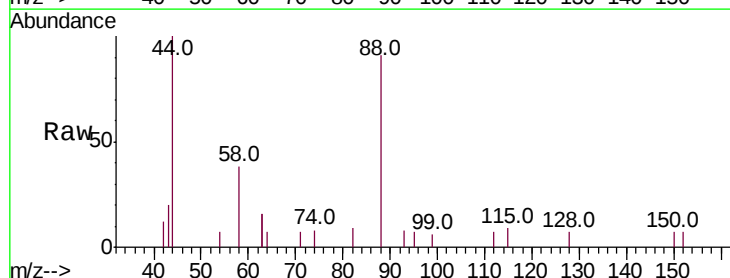
Tgt Ion: 88 Resp: 676

Ion Ratio Lower Upper

88 100

58 55.0 51.1 76.7

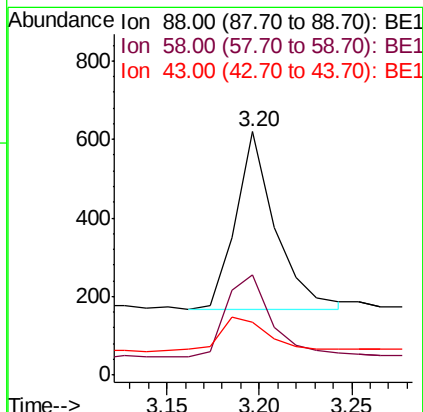
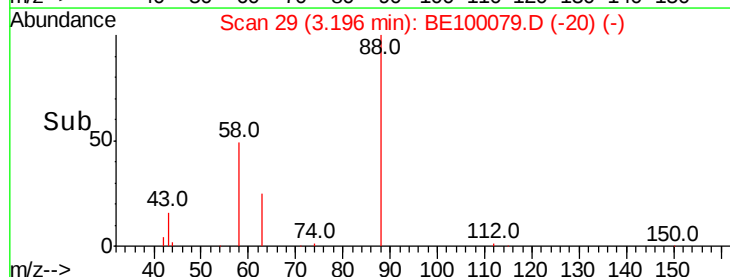
43 24.7 21.7 32.5

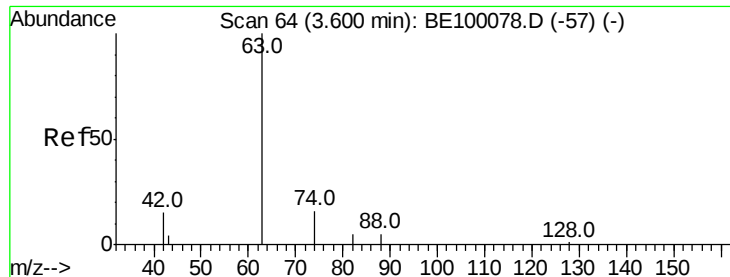


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.593 ng

RT: 3.57 min Scan# 61

Delta R.T. -0.03 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

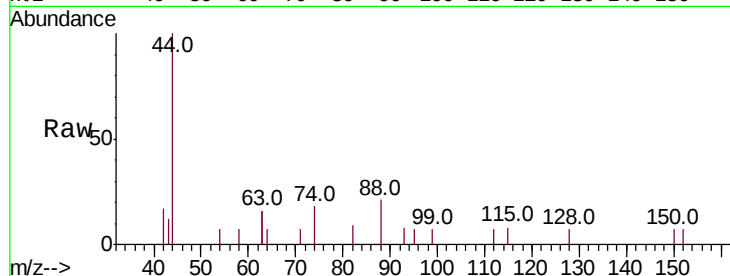
Tot Ion: 42 Resp: 245

Ion Ratio Lower Upper

42 100

74 137.6 0.0 0.0#

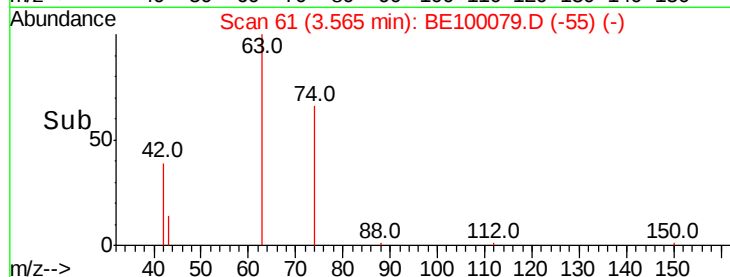
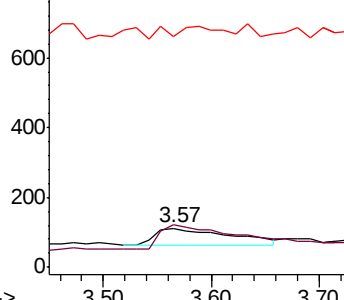
44 0.0 0.0 0.0



Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): BE1



#4

2-Fluorophenol

Concen: 0.652 ng

RT: 5.29 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

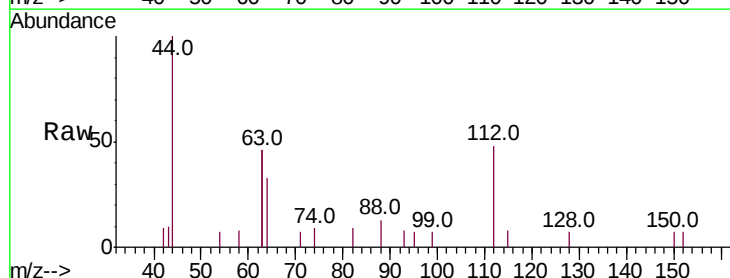
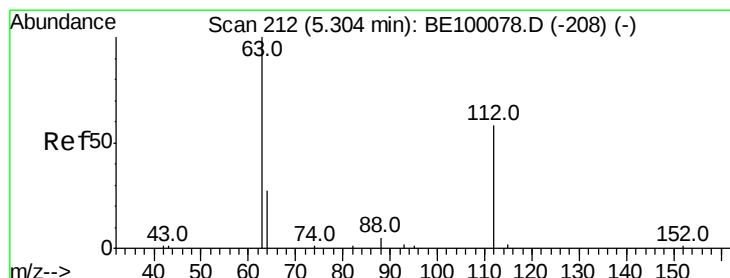
Tgt Ion: 112 Resp: 1010

Ion Ratio Lower Upper

112 100

64 53.5 22.0 33.0#

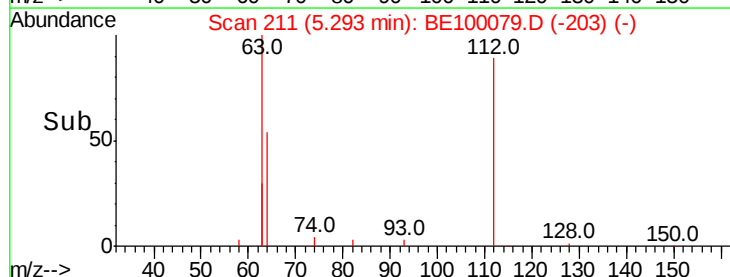
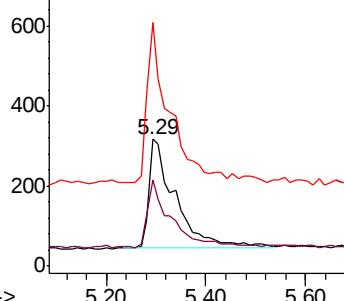
63 128.9 121.8 182.6

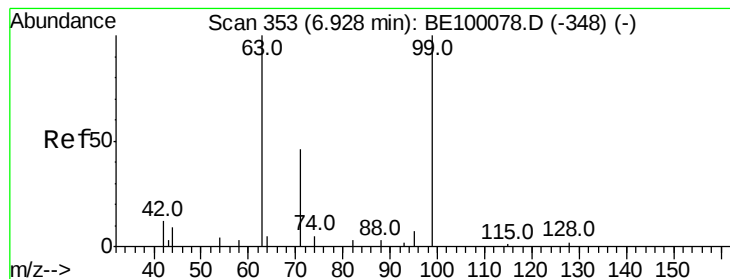


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.756 ng

RT: 6.90 min Scan# 351

Delta R.T. -0.02 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

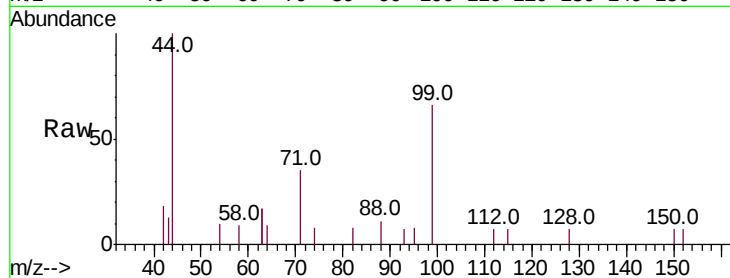
Tot Ion: 99 Resp: 1412

Ion Ratio Lower Upper

99 100

42 13.2 0.0 0.0#

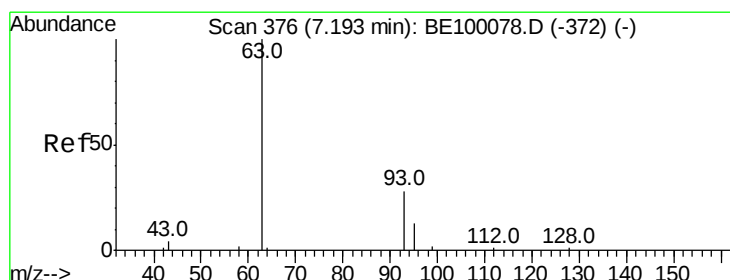
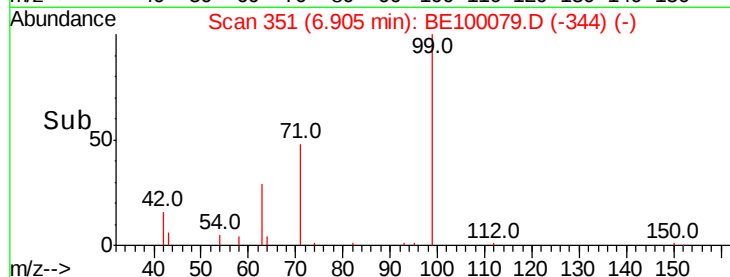
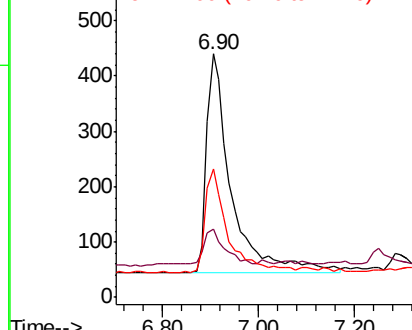
71 44.3 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BE1

Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.689 ng

RT: 7.17 min Scan# 374

Delta R.T. -0.02 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

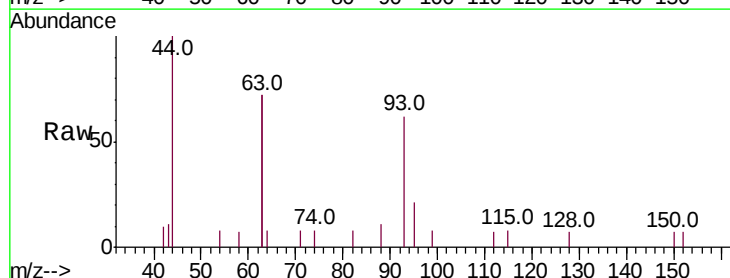
Tgt Ion: 93 Resp: 1207

Ion Ratio Lower Upper

93 100

63 206.8 64.8 97.2#

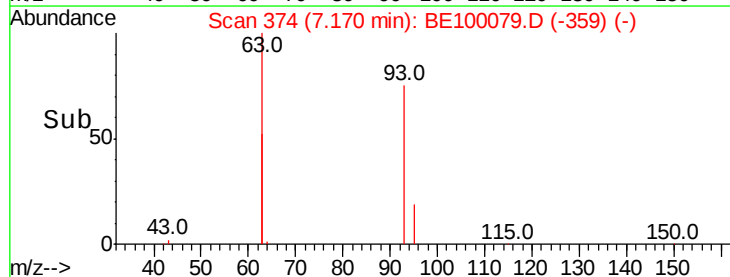
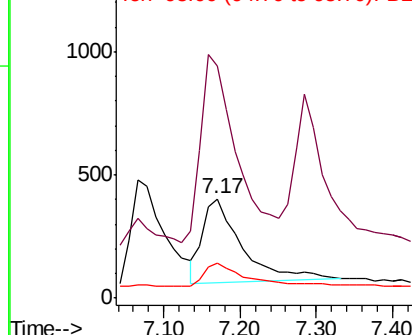
95 31.6 19.5 29.3#

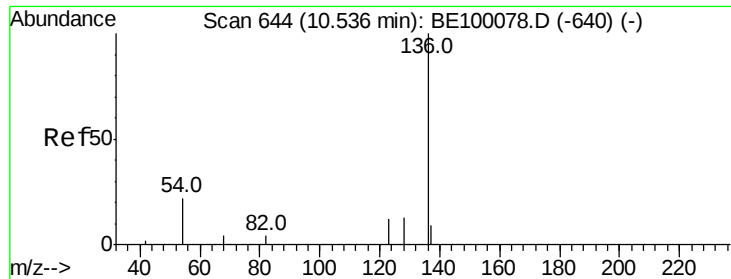


Abundance Ion 93.00 (92.70 to 93.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Ion 95.00 (94.70 to 95.70): BE1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 644

Delta R.T. 0.00 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

Tot Ion:136 Resp: 1948

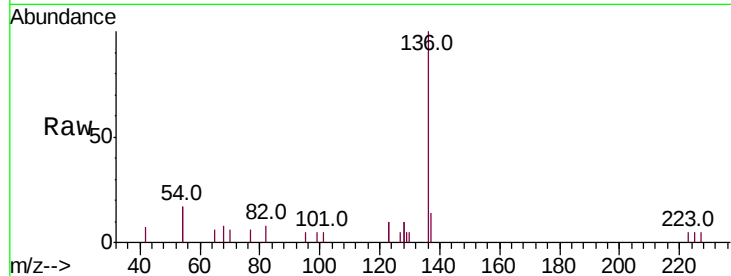
Ion Ratio Lower Upper

136 100

137 14.3 11.6 17.4

54 33.2 33.9 50.9#

68 7.9 7.8 11.8

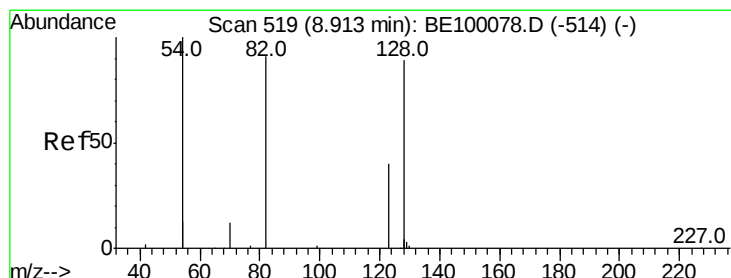
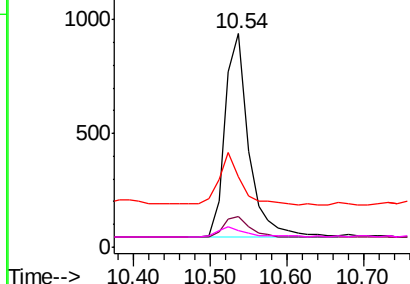
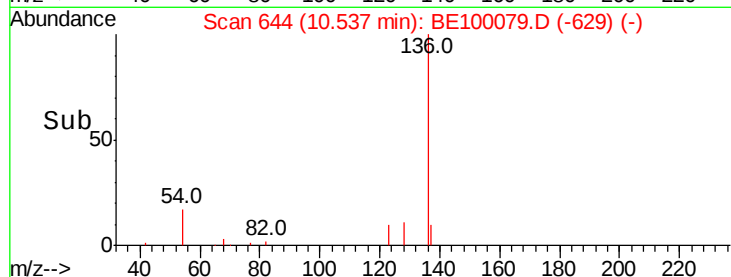


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.846 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

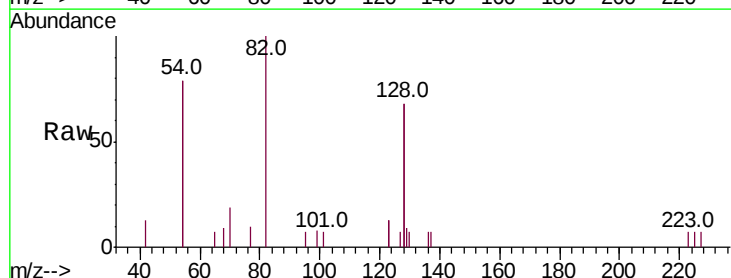
Tgt Ion: 82 Resp: 1633

Ion Ratio Lower Upper

82 100

128 136.2 128.0 192.0

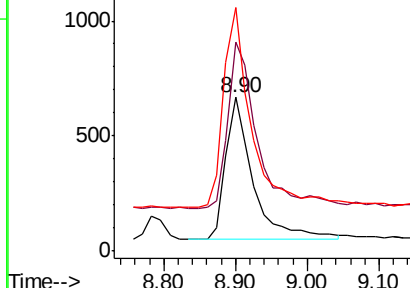
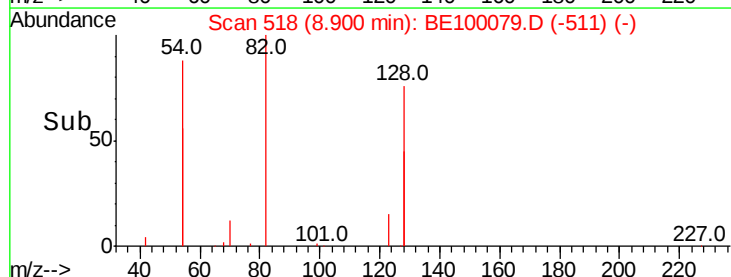
54 158.4 143.4 215.0

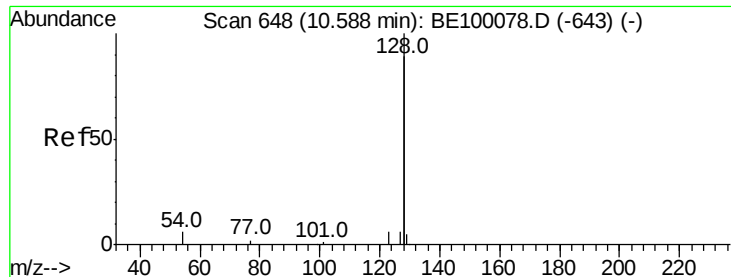


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.781 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

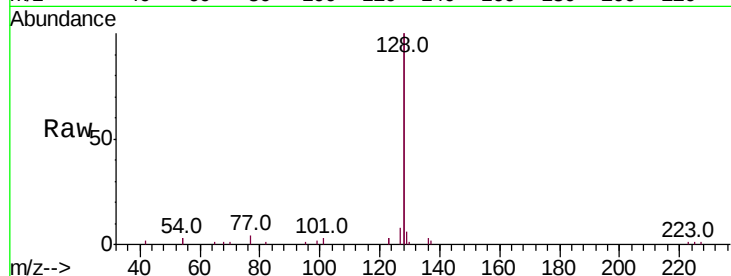
Tot Ion:128 Resp: 16814

Ion Ratio Lower Upper

128 100

129 3.2 3.1 4.7

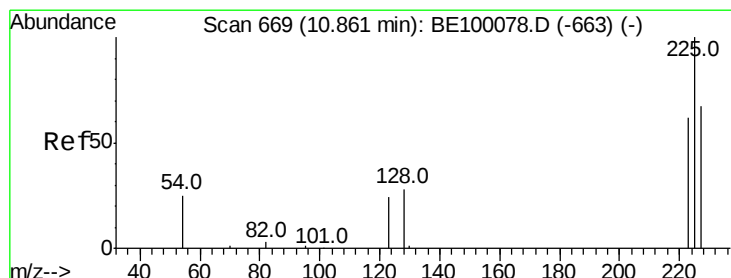
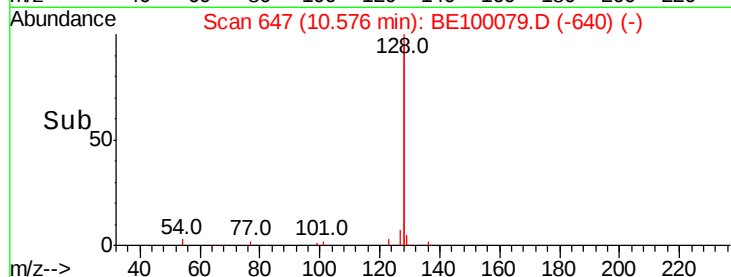
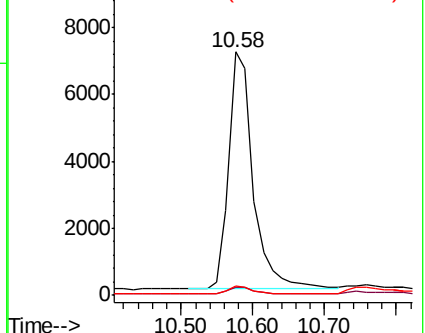
127 3.9 3.4 5.2



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: 0.897 ng

RT: 10.86 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

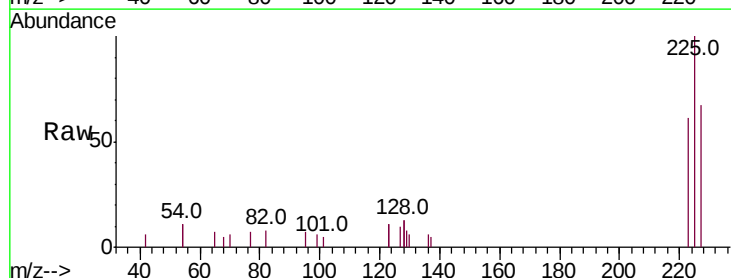
Tgt Ion:225 Resp: 1659

Ion Ratio Lower Upper

225 100

223 63.5 52.2 78.4

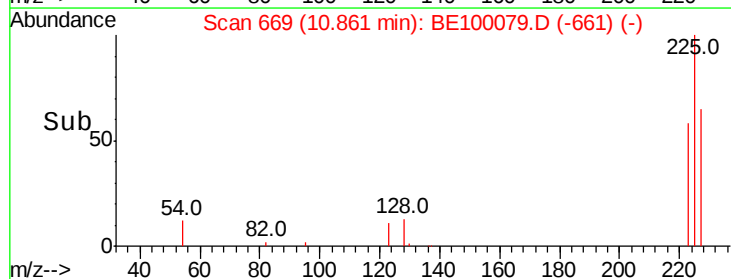
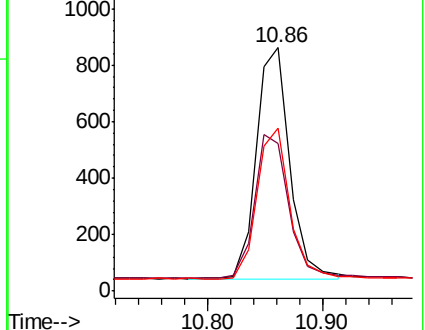
227 63.6 53.0 79.6

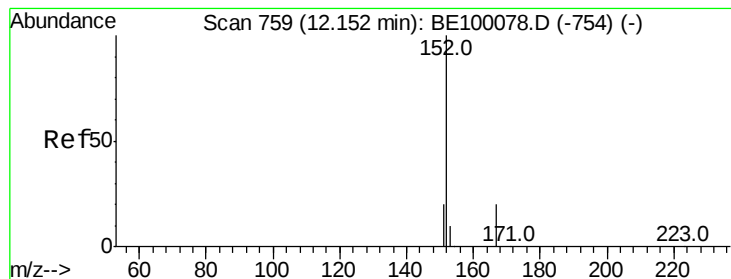


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.816 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.01 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

Instrument :

BNA_E

ClientSampleId :

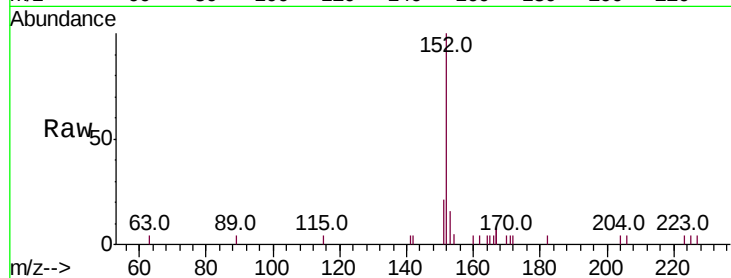
SSTDIC0.8

Tot Ion:152 Resp: 2873

Ion Ratio Lower Upper

152 100

151 19.9 16.3 24.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.14

1200

1000

800

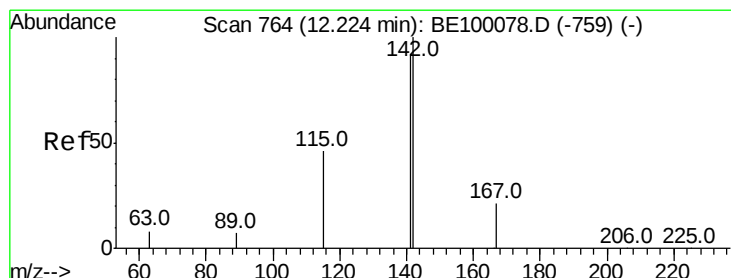
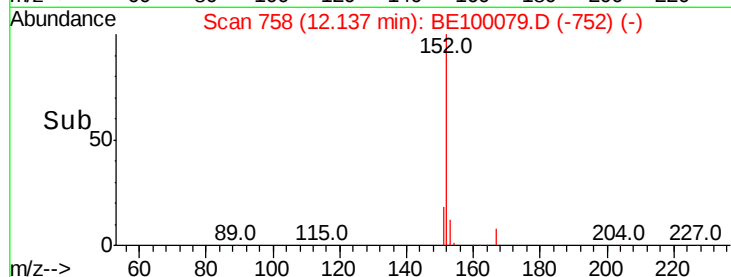
600

400

200

0

Time--> 12.00 12.20



#12

2-Methylnaphthalene

Concen: 0.842 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

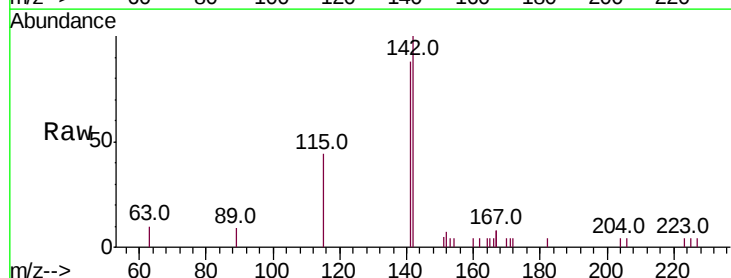
Tgt Ion:142 Resp: 2843

Ion Ratio Lower Upper

142 100

141 87.8 74.1 111.1

115 43.8 40.9 61.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.22

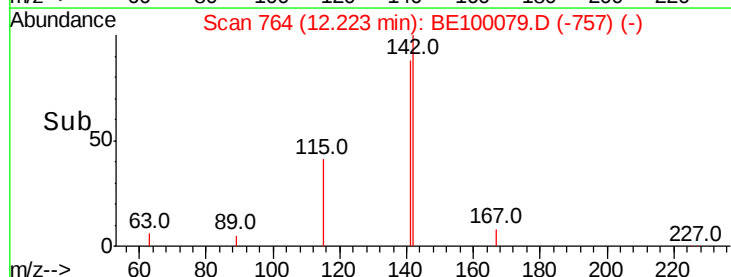
1500

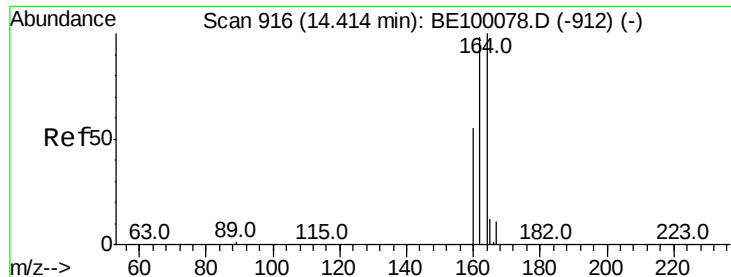
1000

500

0

Time--> 12.10 12.20 12.30

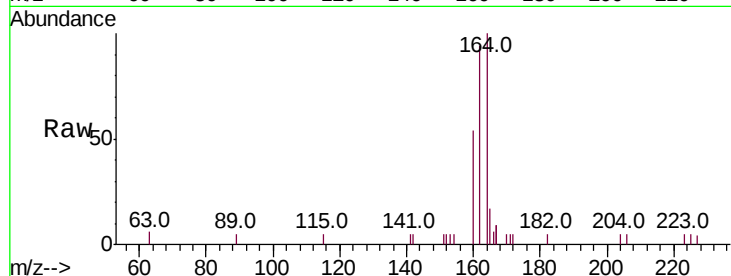




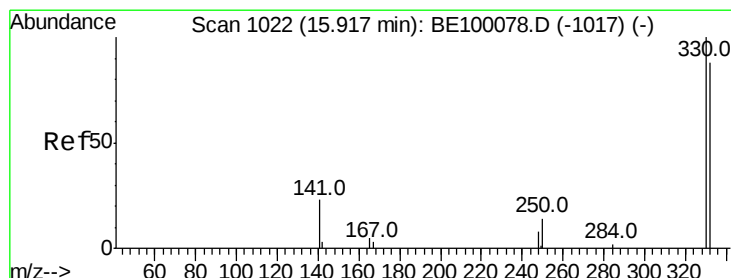
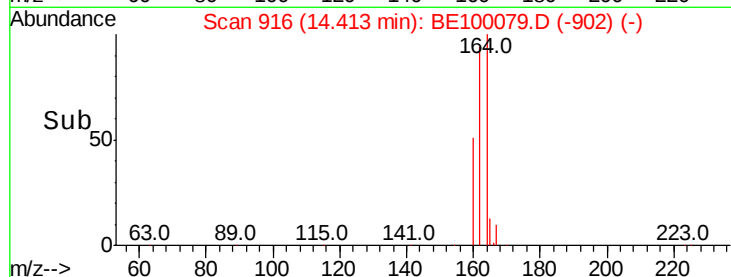
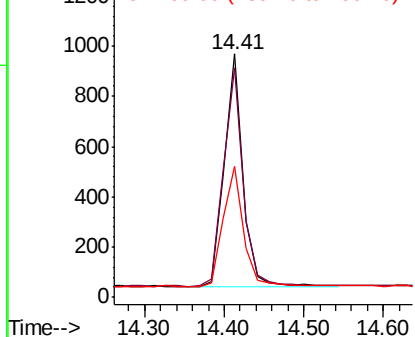
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.41 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: BE100079.D
 Acq: 19 Jun 2019 11:20

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Tot Ion:164 Resp: 1488
 Ion Ratio Lower Upper
 164 100
 162 94.2 78.2 117.2
 160 53.6 45.6 68.4

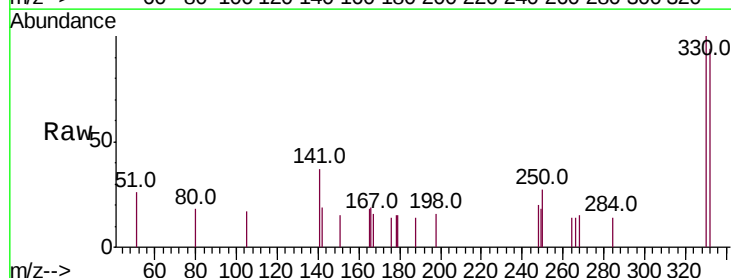


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

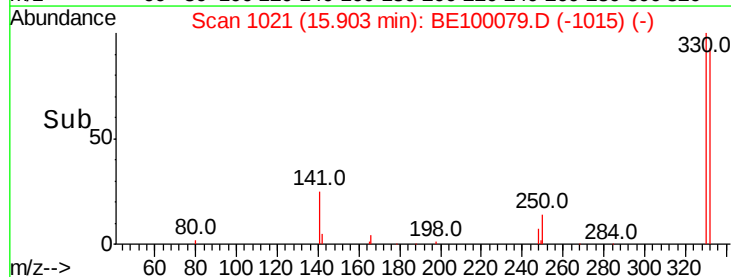
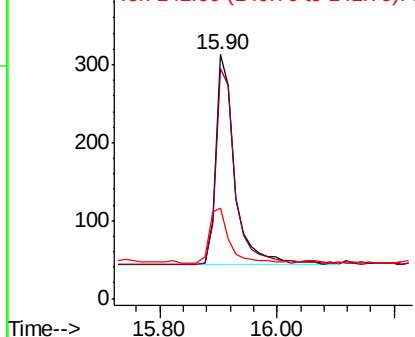


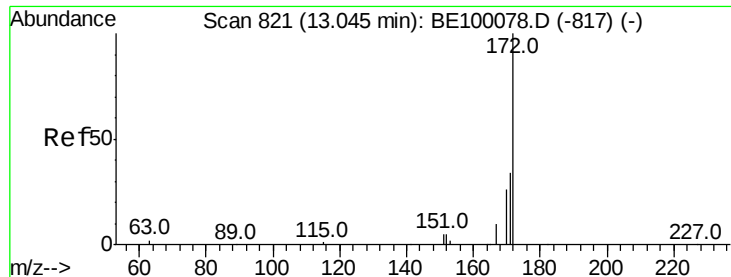
#14
 2,4,6-Tribromophenol
 Concen: 0.681 ng
 RT: 15.90 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BE100079.D
 Acq: 19 Jun 2019 11:20

Tgt Ion:330 Resp: 620
 Ion Ratio Lower Upper
 330 100
 332 95.3 73.3 109.9
 141 27.3 22.2 33.2



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

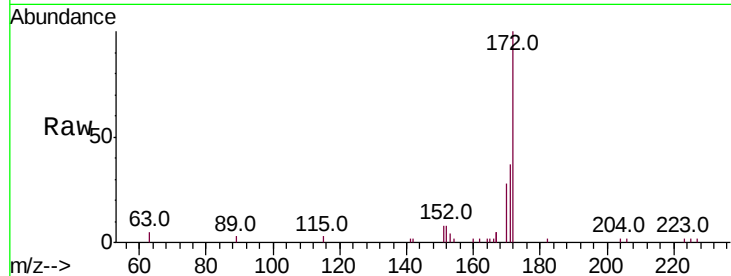




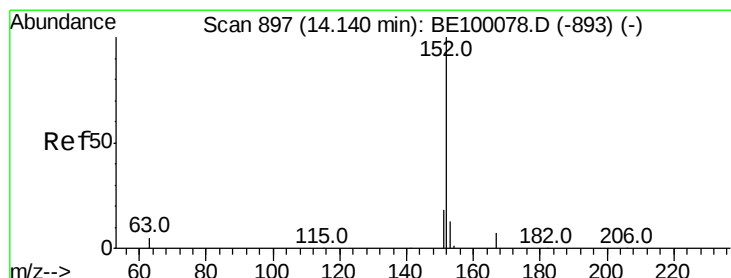
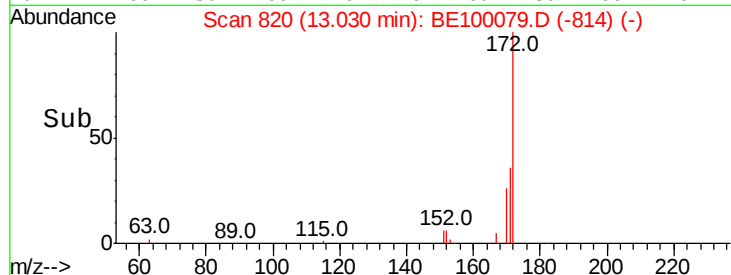
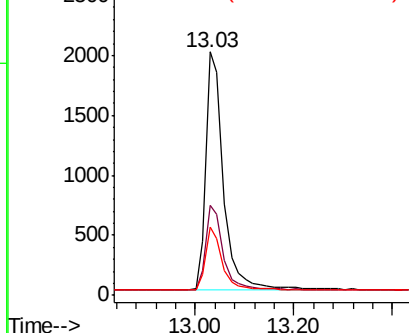
#15
2-Fluorobiphenyl
Concen: 0.854 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.01 min
Lab File: BE100079.D
Acq: 19 Jun 2019 11:20

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion:172 Resp: 4929
Ion Ratio Lower Upper
172 100
171 37.1 29.8 44.8
170 27.9 23.2 34.8

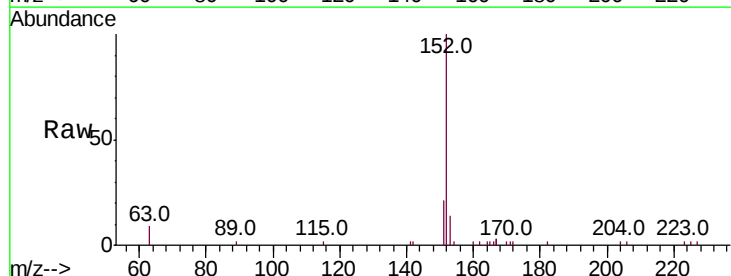


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

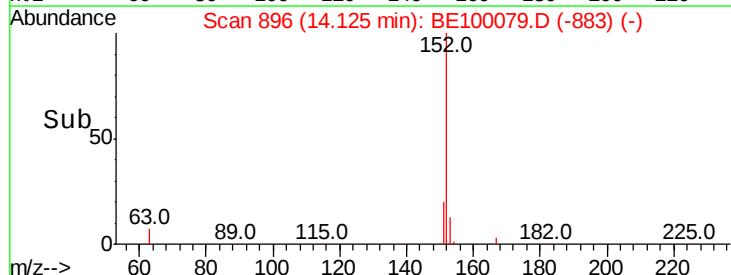
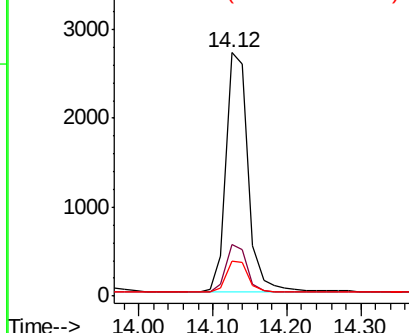


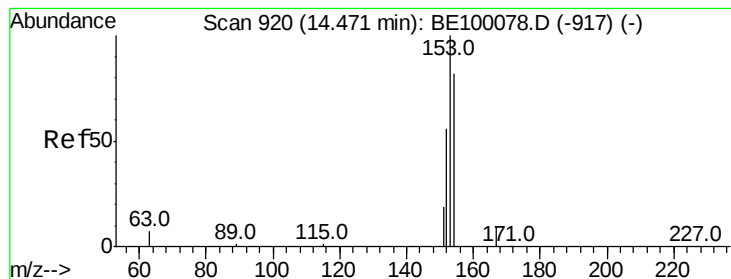
#16
Acenaphthylene
Concen: 0.756 ng
RT: 14.12 min Scan# 896
Delta R.T. -0.01 min
Lab File: BE100079.D
Acq: 19 Jun 2019 11:20

Tgt Ion:152 Resp: 5634
Ion Ratio Lower Upper
152 100
151 19.6 15.9 23.9
153 13.1 10.1 15.1



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: 0.792 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

Instrument :

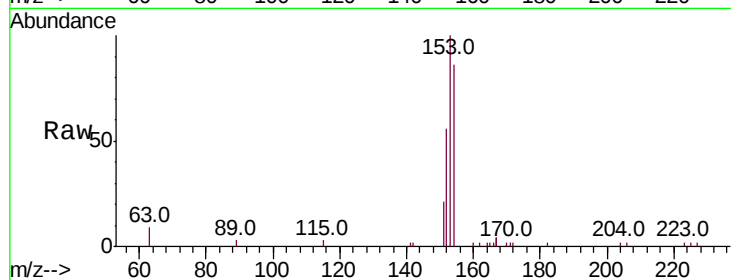
BNA_E

ClientSampleId :

SSTDIC0.8

Tot Ion:154 Resp: 3195

Ion	Ratio	Lower	Upper
154	100		
153	117.8	95.5	143.3
152	66.3	54.9	82.3

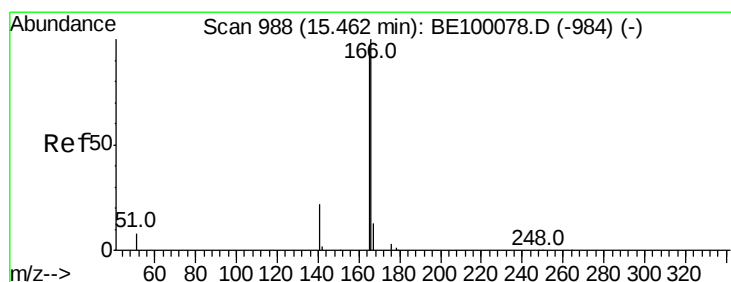
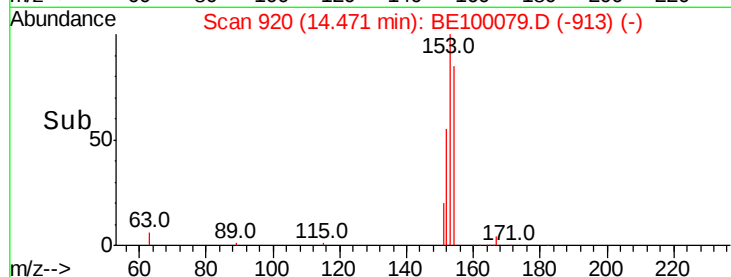
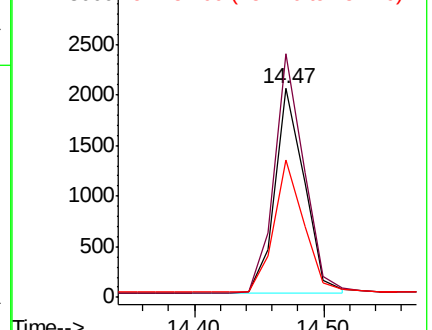


Abundance

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: 0.797 ng

RT: 15.45 min Scan# 987

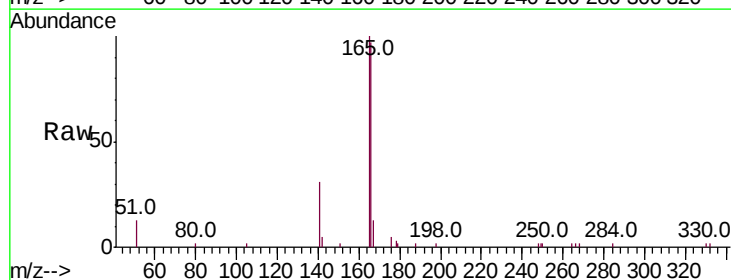
Delta R.T. -0.01 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

Tgt Ion:166 Resp: 4783

Ion	Ratio	Lower	Upper
166	100		
165	102.6	79.8	119.8
167	13.2	10.2	15.4

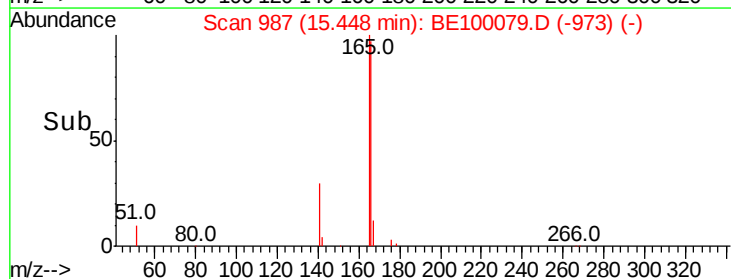
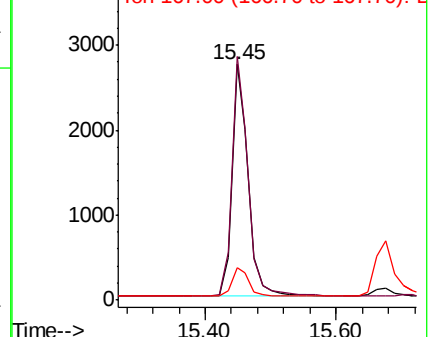


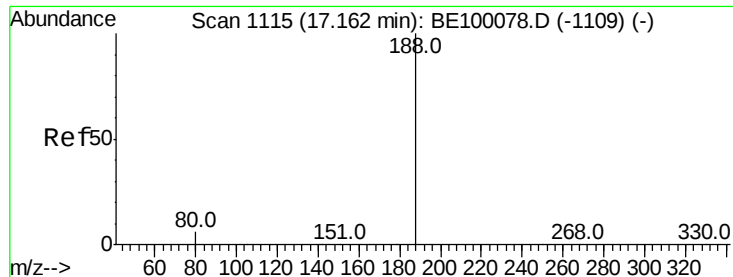
Abundance

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

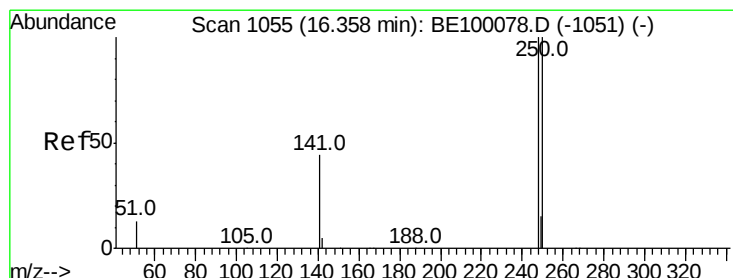
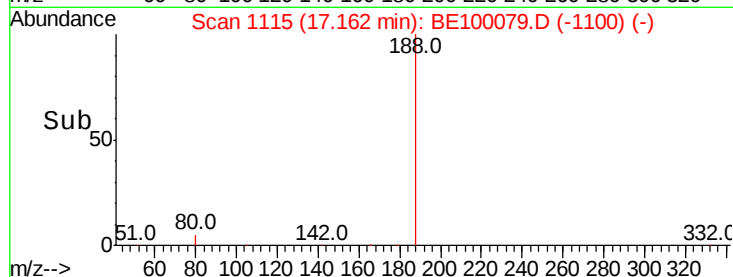
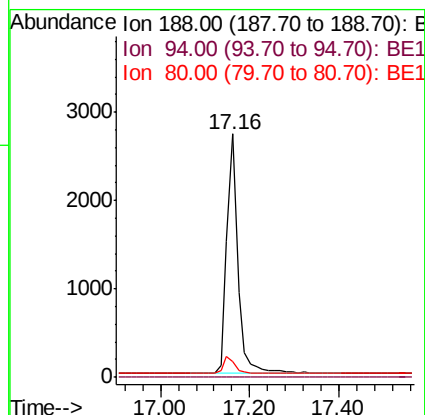
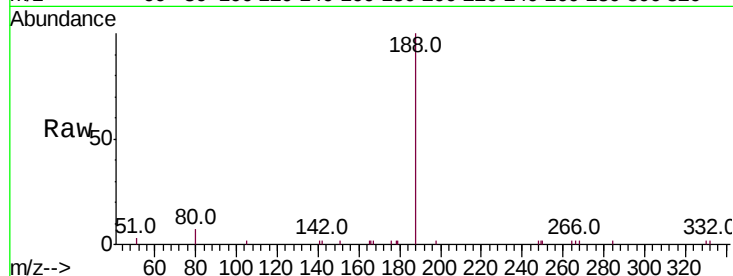




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.16 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE100079.D
Acq: 19 Jun 2019 11:20

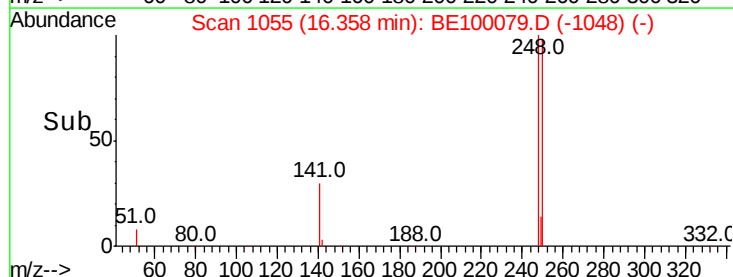
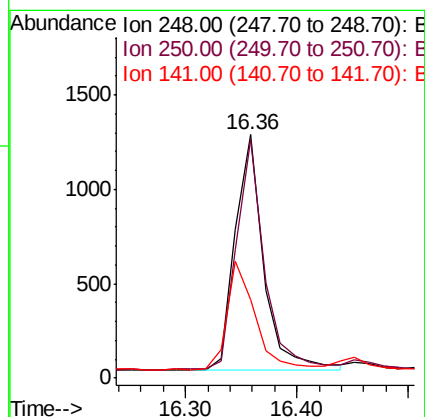
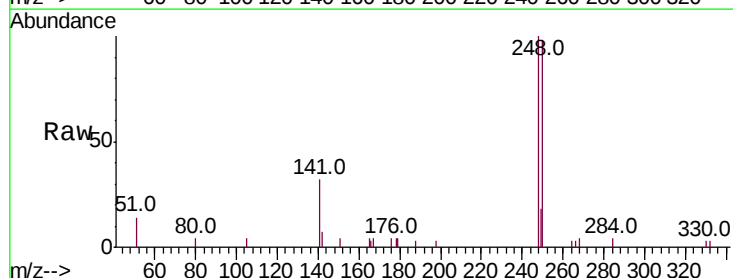
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

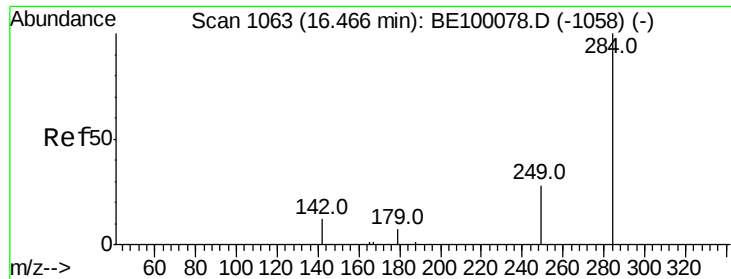
Tot Ion:188 Resp: 4729
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.6 6.3 9.5



#20
4-Bromophenyl-phenylether
Concen: 0.772 ng
RT: 16.36 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BE100079.D
Acq: 19 Jun 2019 11:20

Tgt Ion:248 Resp: 2198
Ion Ratio Lower Upper
248 100
250 98.0 80.6 120.8
141 32.5 38.8 58.2#

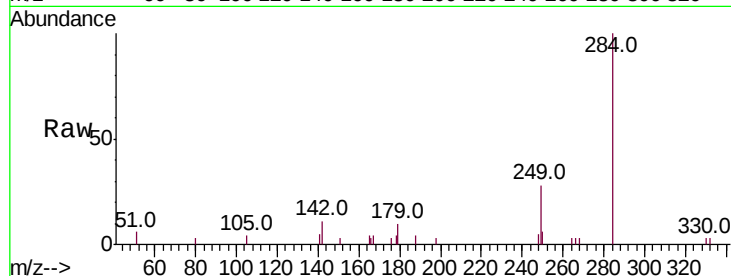




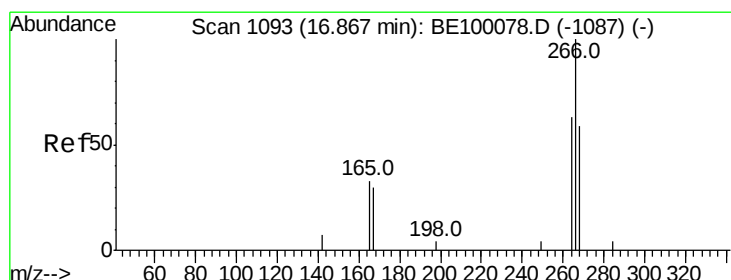
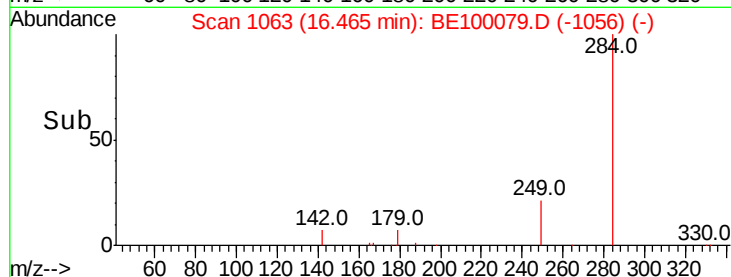
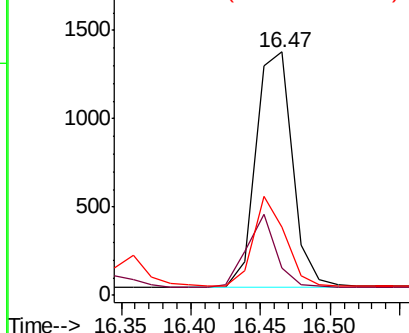
#21
Hexachlorobenzene
Concen: 0.837 ng
RT: 16.47 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BE100079.D
Acq: 19 Jun 2019 11:20

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tot Ion:284 Resp: 2441
Ion Ratio Lower Upper
284 100
142 25.1 20.7 31.1
249 33.2 26.6 39.8

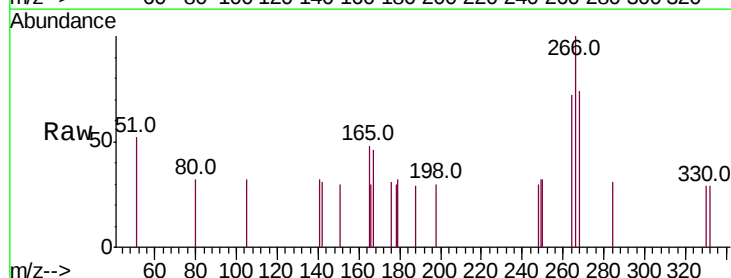


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

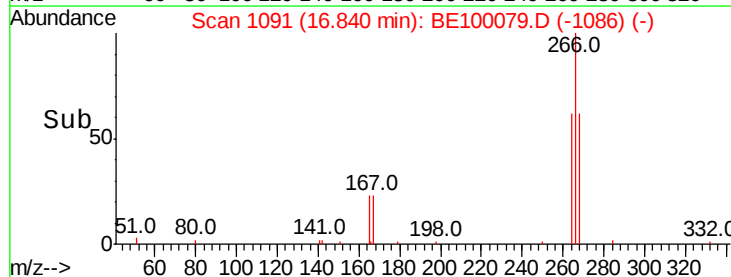
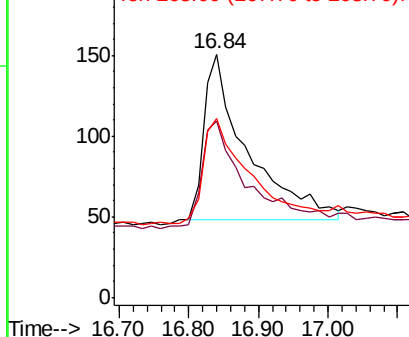


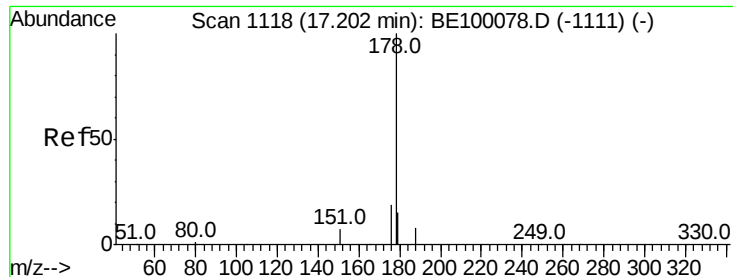
#22
Pentachlorophenol
Concen: 0.490 ng
RT: 16.84 min Scan# 1091
Delta R.T. -0.03 min
Lab File: BE100079.D
Acq: 19 Jun 2019 11:20

Tgt Ion:266 Resp: 447
Ion Ratio Lower Upper
266 100
264 72.2 67.8 101.6
268 73.5 70.0 105.0



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: 0.775 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

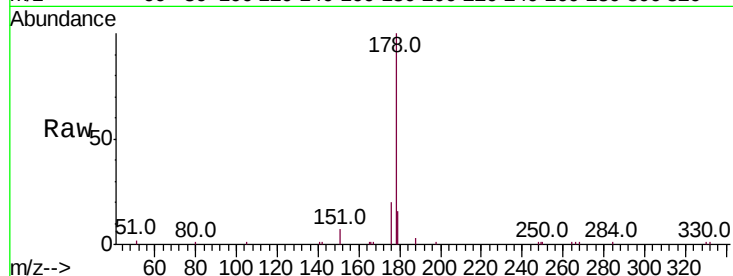
Tot Ion:178 Resp: 8932

Ion Ratio Lower Upper

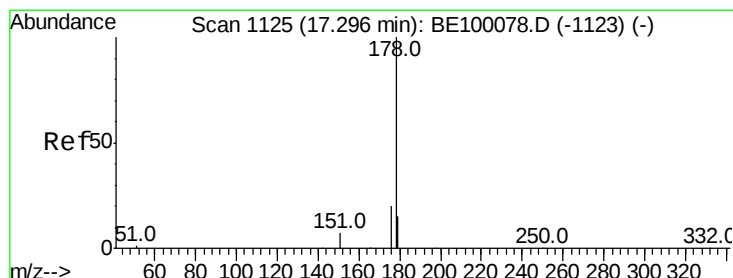
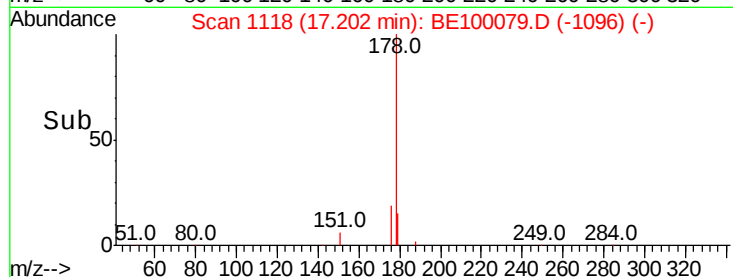
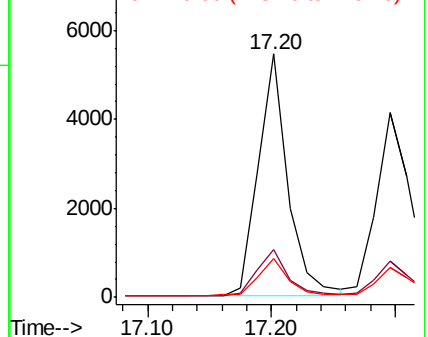
178 100

176 19.4 15.9 23.9

179 15.2 13.1 19.7



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: 0.771 ng

RT: 17.30 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

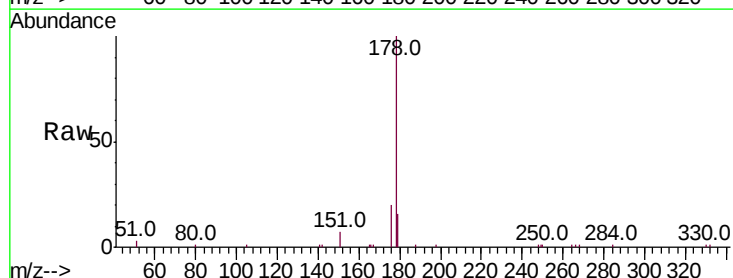
Tgt Ion:178 Resp: 7808

Ion Ratio Lower Upper

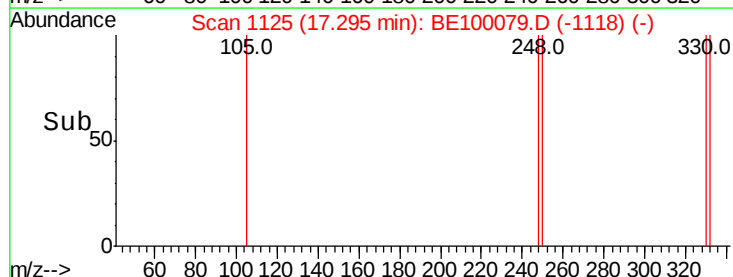
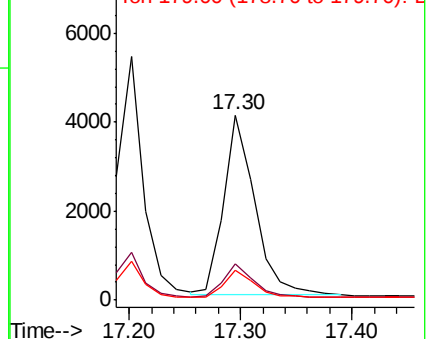
178 100

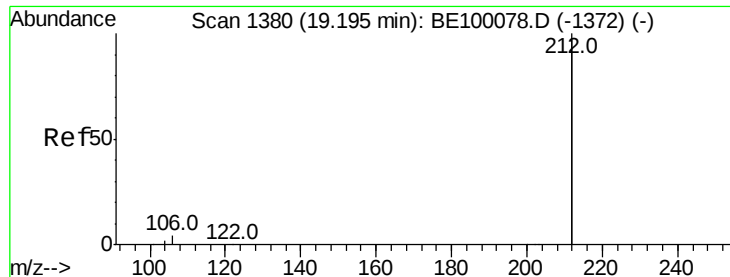
176 18.4 15.8 23.6

179 15.2 12.0 18.0



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: 0.772 ng

RT: 19.20 min Scan# 1380

Delta R.T. -0.00 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

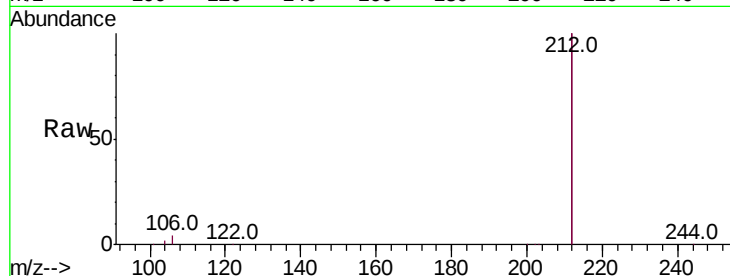
Tot Ion:212 Resp: 51324

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.0

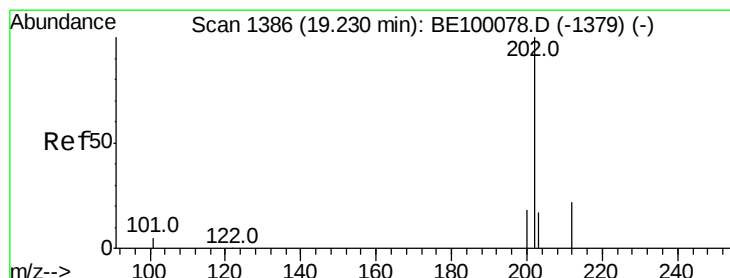
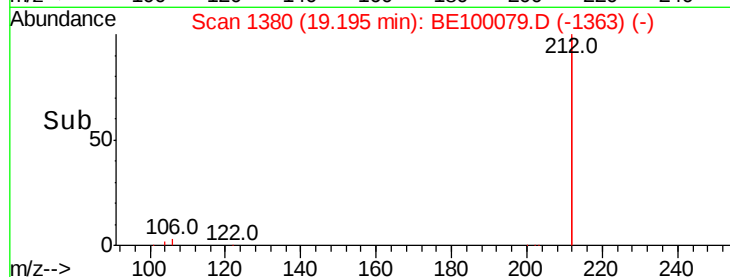
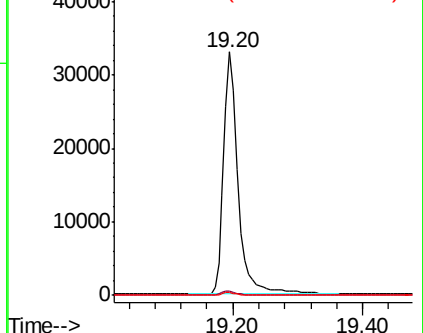
104 1.0 0.8 1.2



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: 0.745 ng

RT: 19.22 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

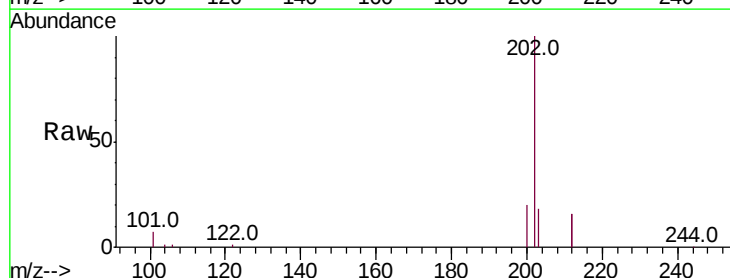
Tgt Ion:202 Resp: 14129

Ion Ratio Lower Upper

202 100

101 6.6 5.0 7.4

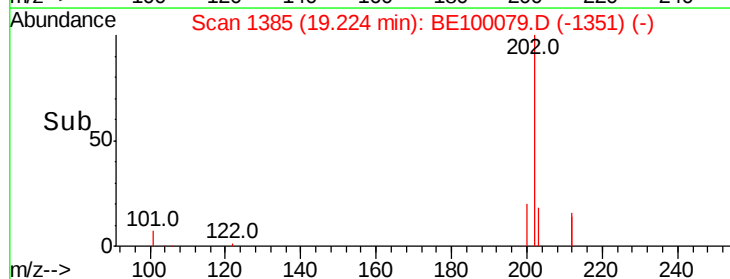
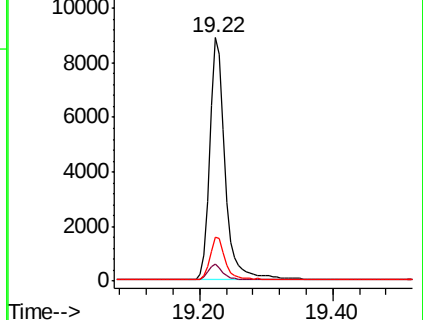
203 17.3 13.7 20.5

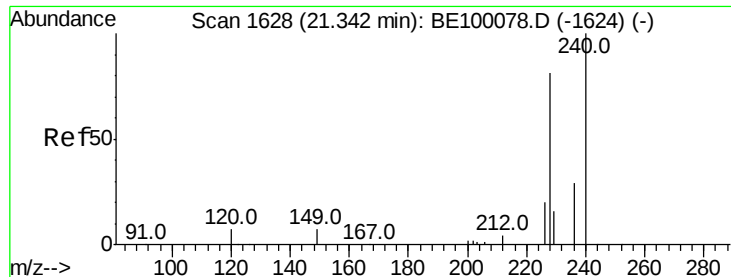


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

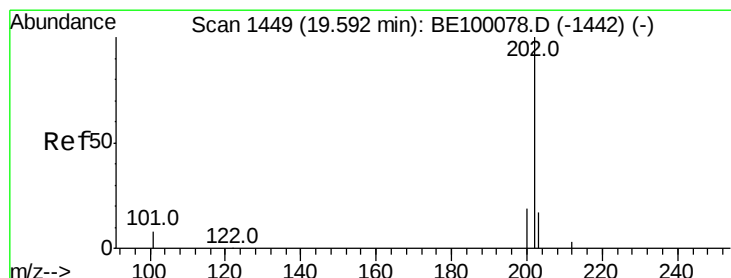
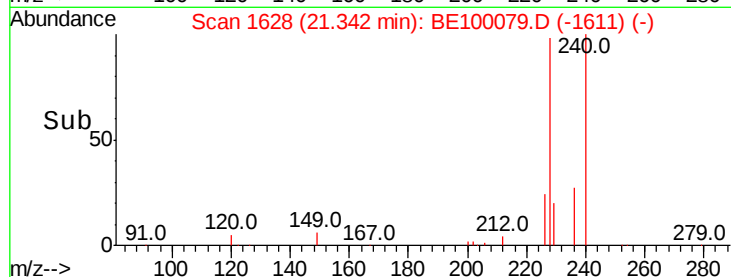
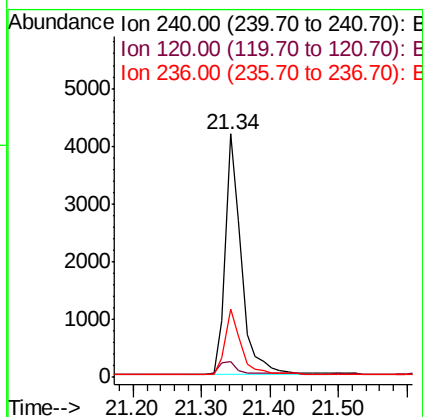
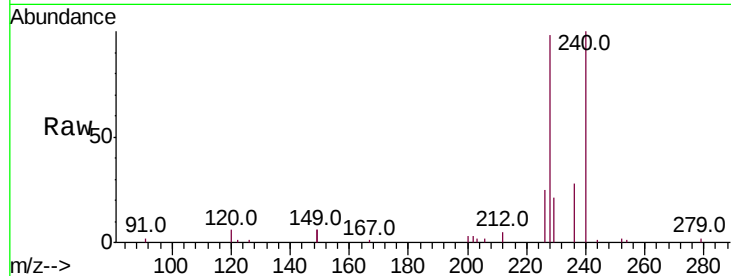




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BE100079.D
Acq: 19 Jun 2019 11:20

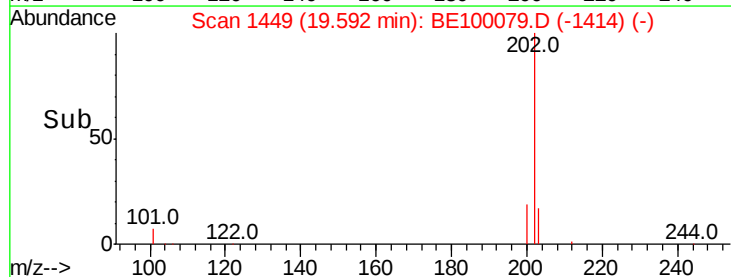
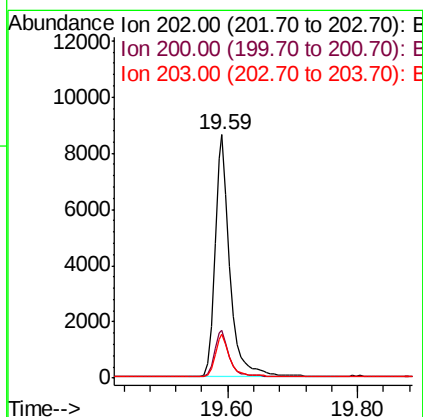
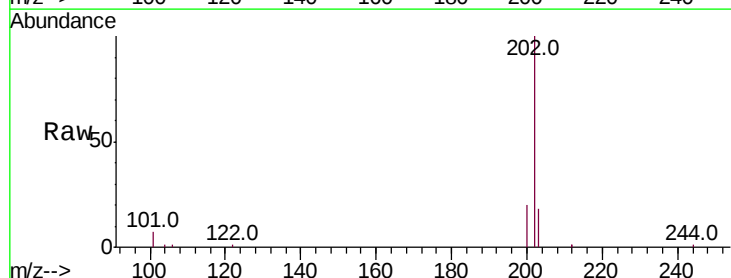
Instrument :
BNA_E
ClientSampled :
SSTDIC0.8

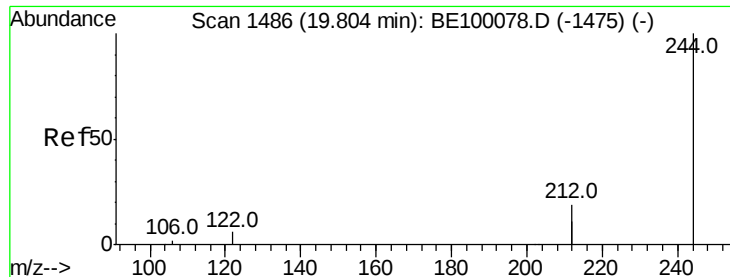
Tot Ion:240 Resp: 6856
Ion Ratio Lower Upper
240 100
120 6.5 6.6 10.0#
236 27.9 23.8 35.6



#28
Pyrene
Concen: 0.819 ng
RT: 19.59 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BE100079.D
Acq: 19 Jun 2019 11:20

Tgt Ion:202 Resp: 13977
Ion Ratio Lower Upper
202 100
200 19.4 15.6 23.4
203 17.5 13.9 20.9





#29

Terphenyl-d14

Concen: 0.984 ng

RT: 19.80 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

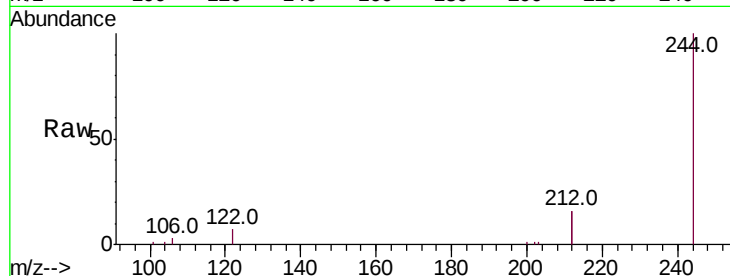
Tot Ion:244 Resp: 11366

Ion Ratio Lower Upper

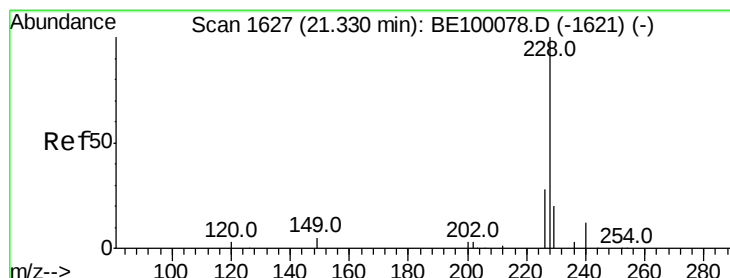
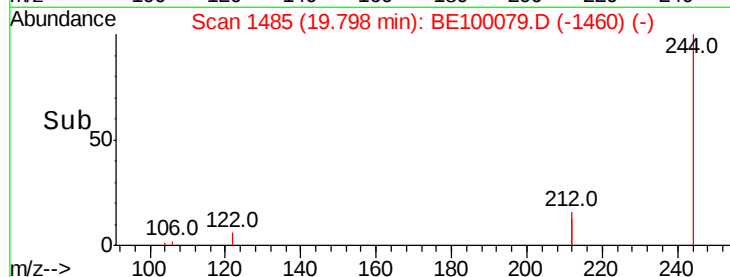
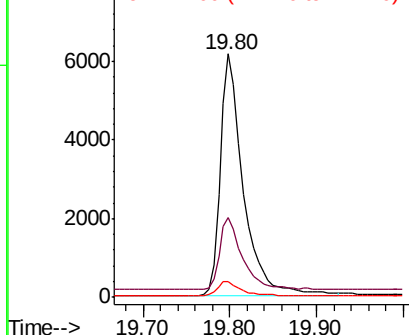
244 100

212 32.5 29.8 44.8

122 6.6 6.1 9.1



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: 0.798 ng

RT: 21.33 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

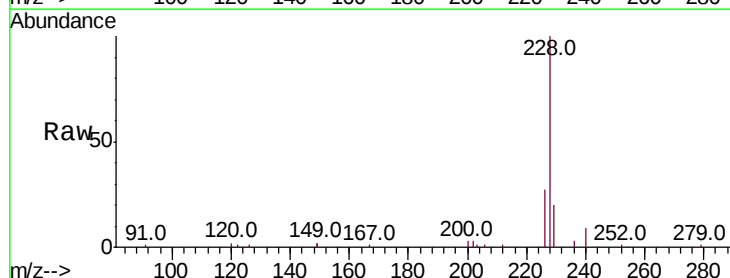
Tgt Ion:228 Resp: 15744

Ion Ratio Lower Upper

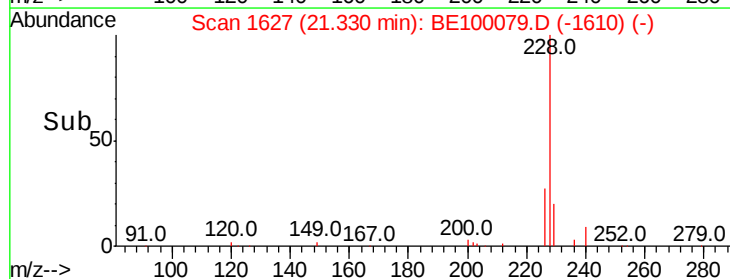
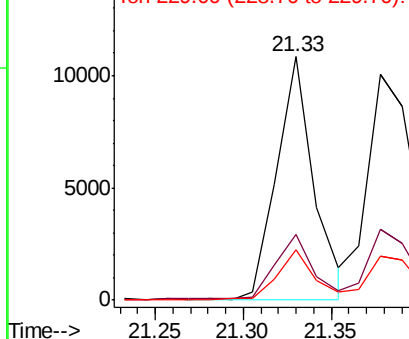
228 100

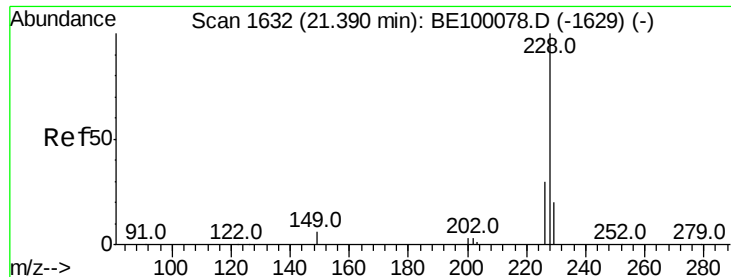
226 26.8 23.0 34.4

229 20.5 16.4 24.6



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: 0.841 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

Instrument :

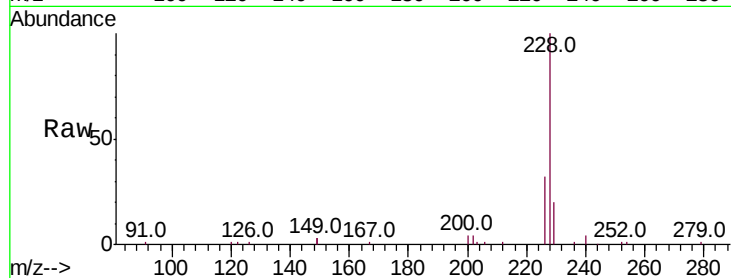
BNA_E

ClientSampleId :

SSTDIC0.8

Tot Ion:228 Resp: 18725

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.8	35.8
229	19.5	16.3	24.5

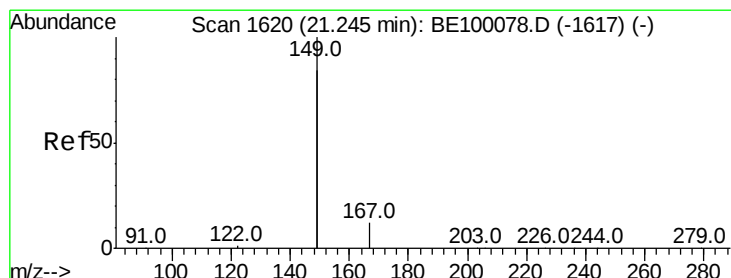
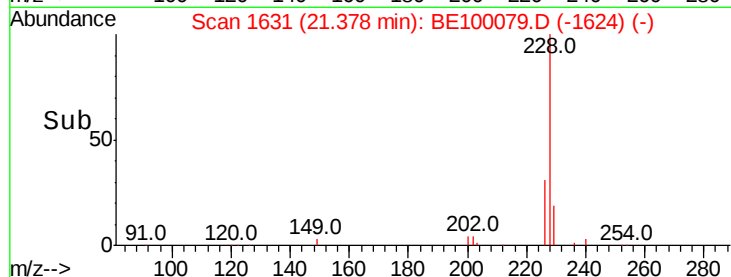
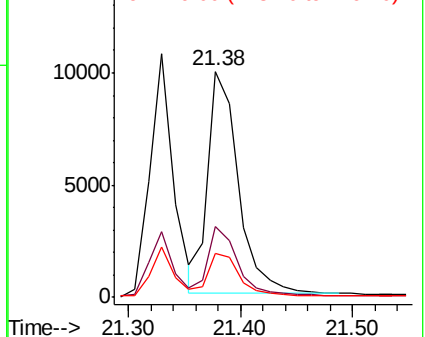


Abundance

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: 0.481 ng

RT: 21.24 min Scan# 1620

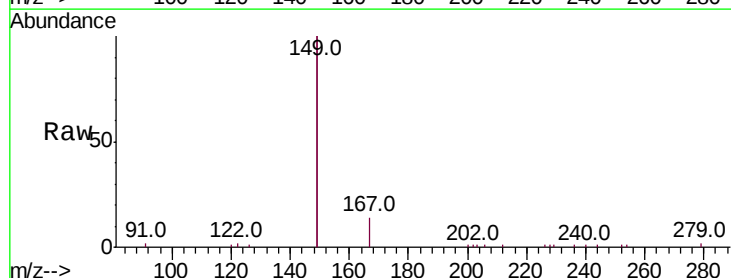
Delta R.T. -0.00 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

Tgt Ion:149 Resp: 13228

Ion	Ratio	Lower	Upper
149	100		
167	7.3	5.8	8.6
279	1.4	1.1	1.7

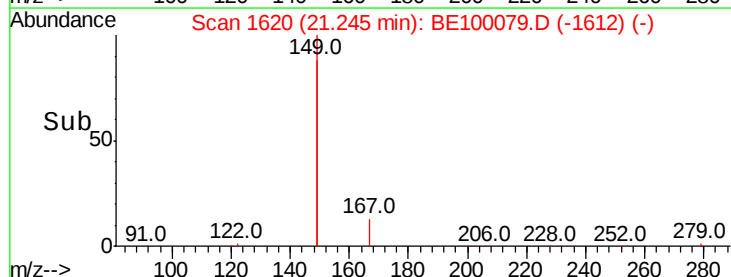
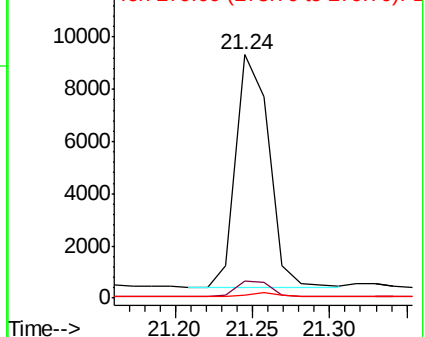


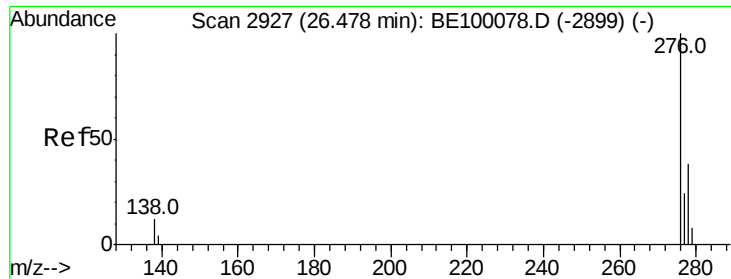
Abundance

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: 0.793 ng

RT: 26.48 min Scan# 2928

Delta R.T. 0.00 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

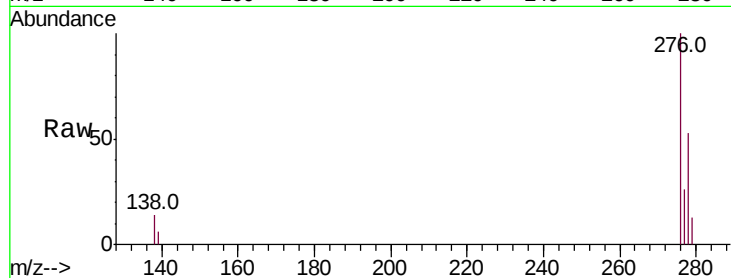
Tot Ion:276 Resp: 20853

Ion Ratio Lower Upper

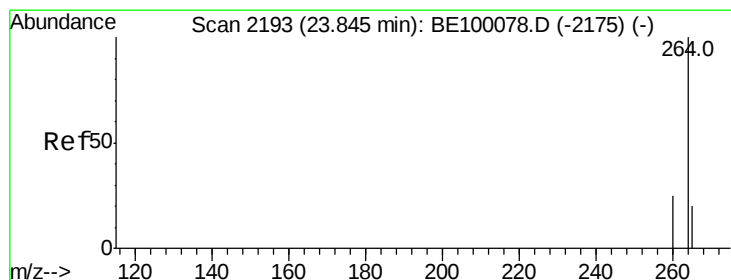
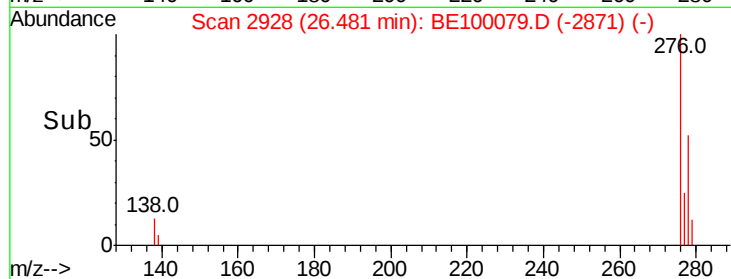
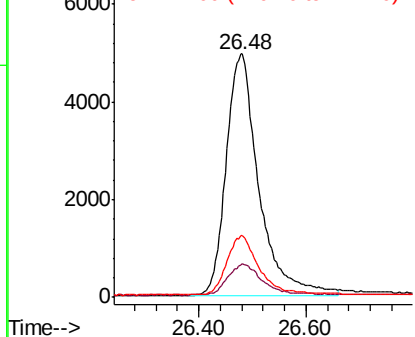
276 100

138 13.5 4.3 6.5#

277 24.2 19.4 29.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.84 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

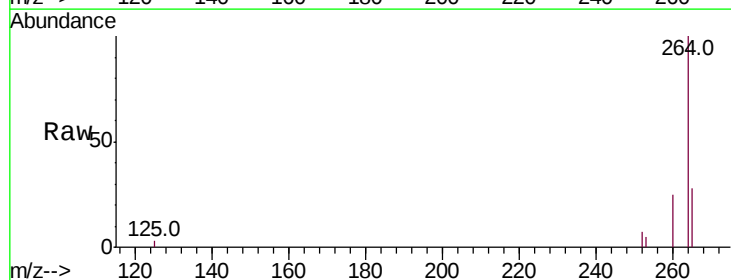
Tgt Ion:264 Resp: 7137

Ion Ratio Lower Upper

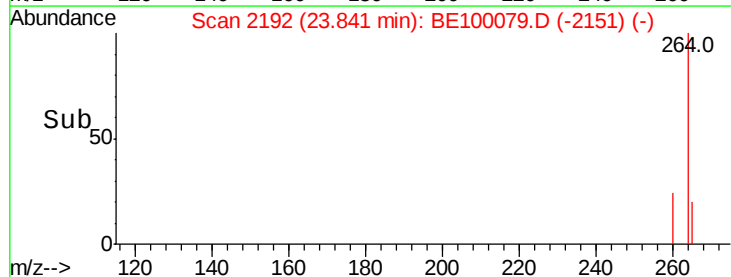
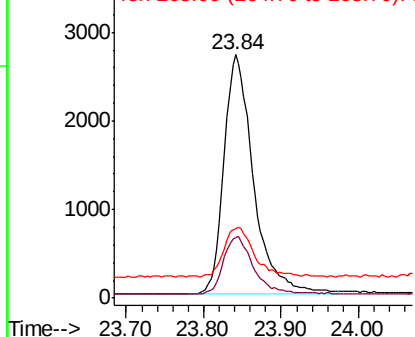
264 100

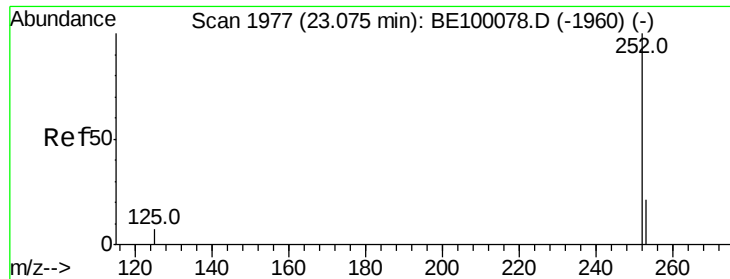
260 25.1 20.8 31.2

265 28.3 23.2 34.8



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: 0.803 ng

RT: 23.07 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

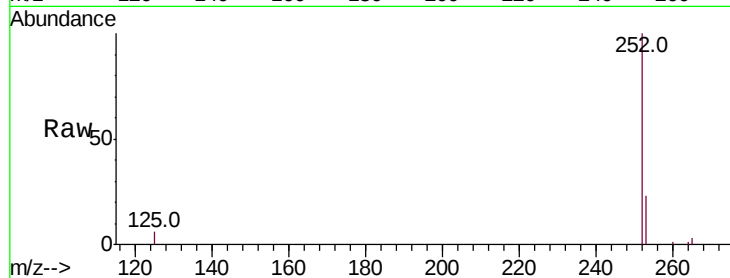
Tot Ion:252 Resp: 16522

Ion Ratio Lower Upper

252 100

253 22.7 18.4 27.6

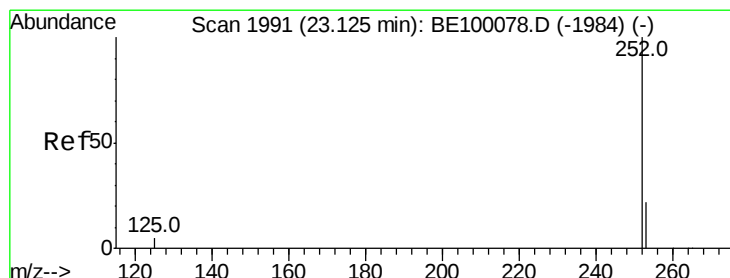
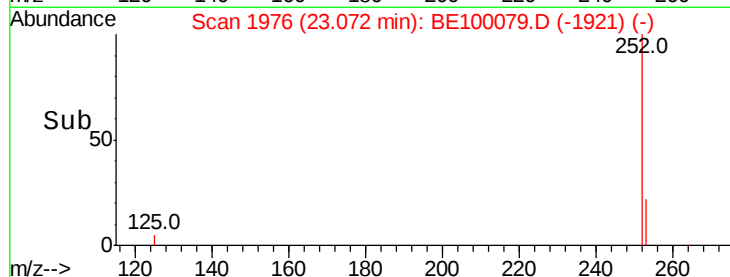
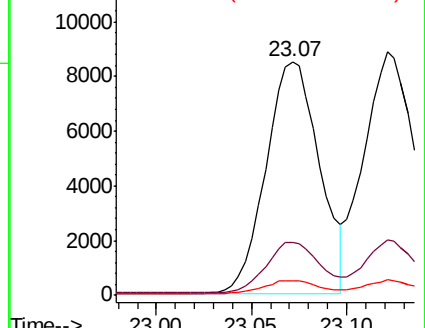
125 6.2 6.4 9.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.856 ng

RT: 23.12 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

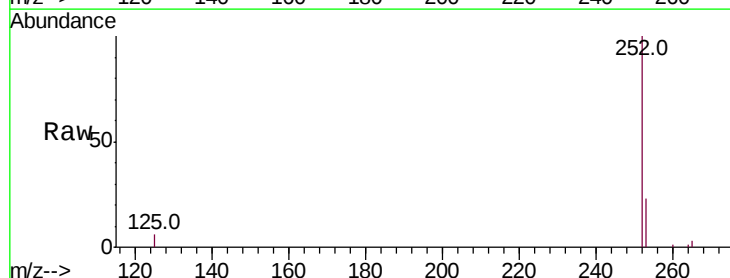
Tgt Ion:252 Resp: 19073

Ion Ratio Lower Upper

252 100

253 22.5 18.9 28.3

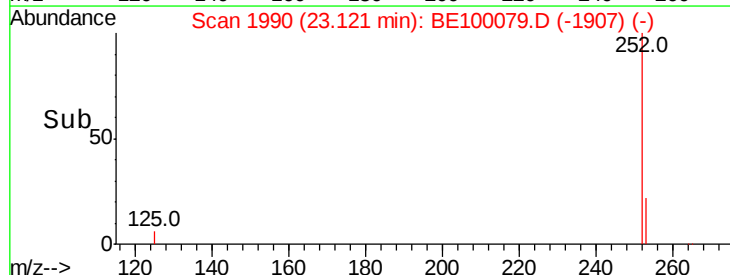
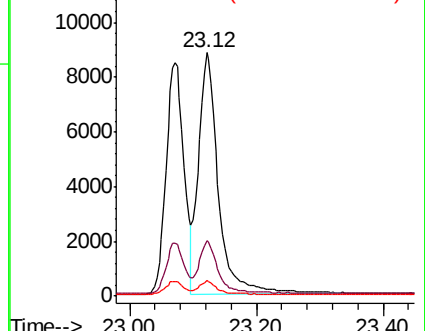
125 6.3 5.3 7.9

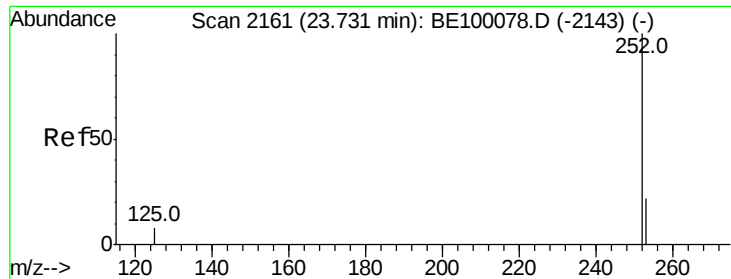


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.769 ng

RT: 23.73 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

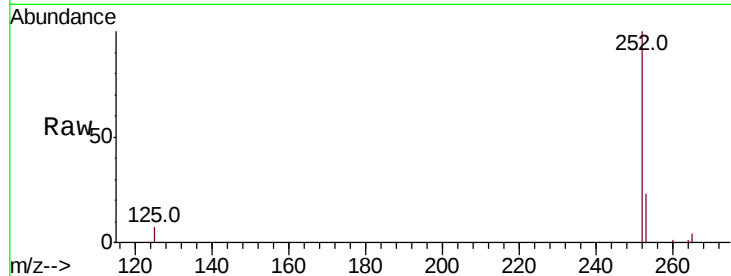
Tot Ion:252 Resp: 15707

Ion Ratio Lower Upper

252 100

253 23.4 19.4 29.2

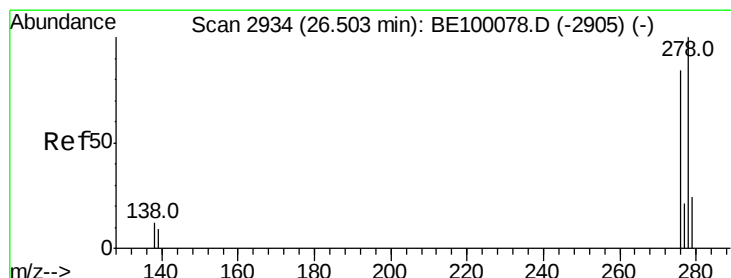
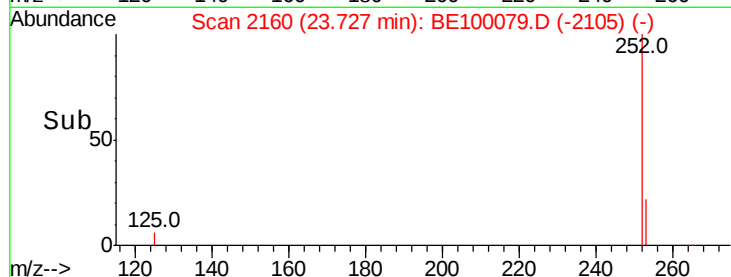
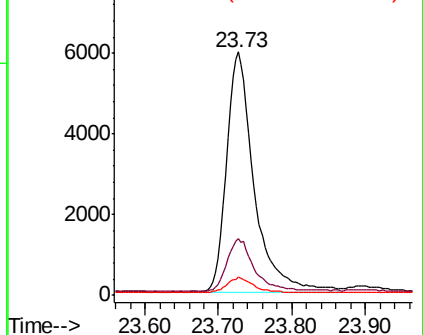
125 7.3 8.0 12.0#



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



#38

Dibenzo(a,h)anthracene

Concen: 0.838 ng

RT: 26.50 min Scan# 2934

Delta R.T. -0.00 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

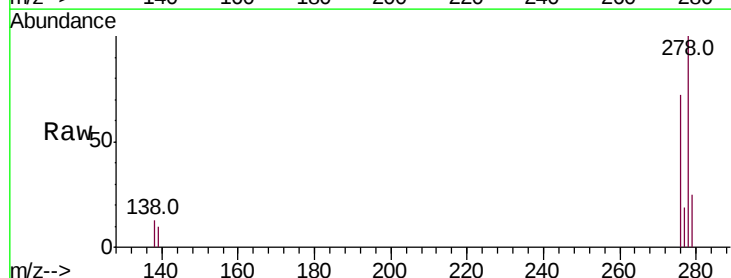
Tgt Ion:278 Resp: 16689

Ion Ratio Lower Upper

278 100

139 10.0 9.0 13.6

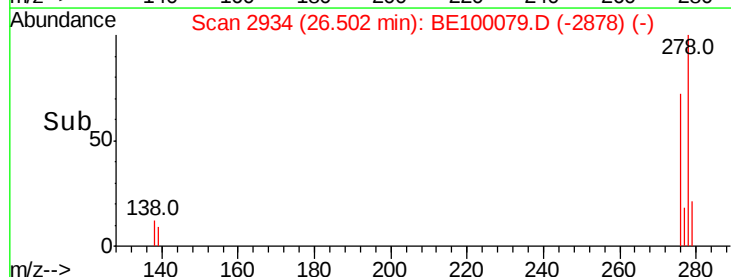
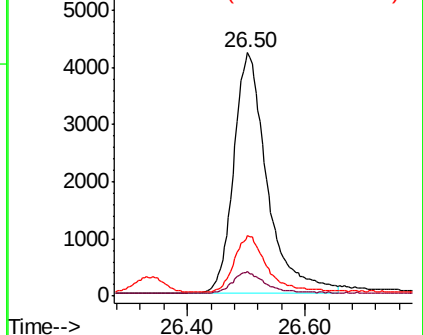
279 24.6 21.4 32.0

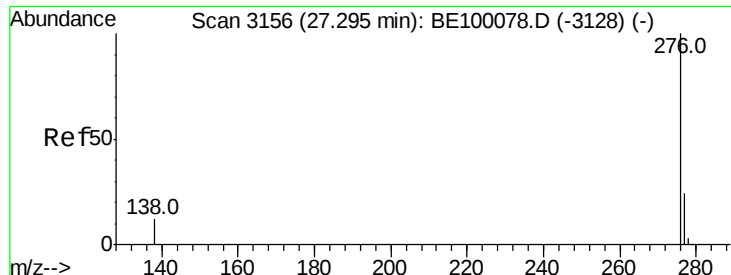


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.821 ng

RT: 27.29 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BE100079.D

Acq: 19 Jun 2019 11:20

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8

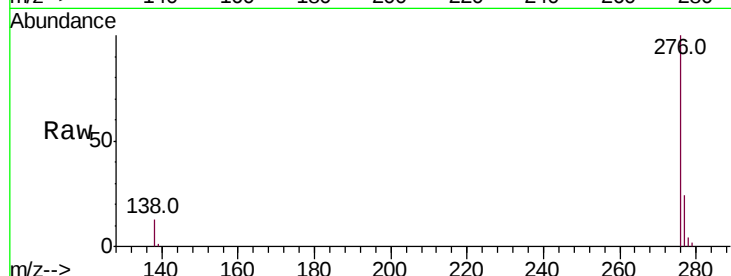
Tot Ion:276 Resp: 17291

Ion Ratio Lower Upper

276 100

277 24.1 20.3 30.5

138 12.8 11.3 16.9



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

