

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\
 Data File : BE100480.D
 Acq On : 22 Jul 2019 14:28
 Operator : HP/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 22 15:52:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 22 15:44:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	3194	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	13839	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	9016	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	24141	0.40	ng	0.00
27) Chrysene-d12	21.38	240	28524	0.40	ng	0.00
34) Perylene-d12	23.86	264	30274	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	6126	0.77	ng	0.00
5) Phenol-d6	7.03	99	9137	0.82	ng	0.00
8) Nitrobenzene-d5	9.02	82	9119	0.82	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	17706	0.80	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	3092	0.82	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	28716	0.77	ng	0.00
25) Fluoranthene-d10	19.24	212	250756	0.74	ng	0.00
29) Terphenyl-d14	19.83	244	54764	0.83	ng	0.00

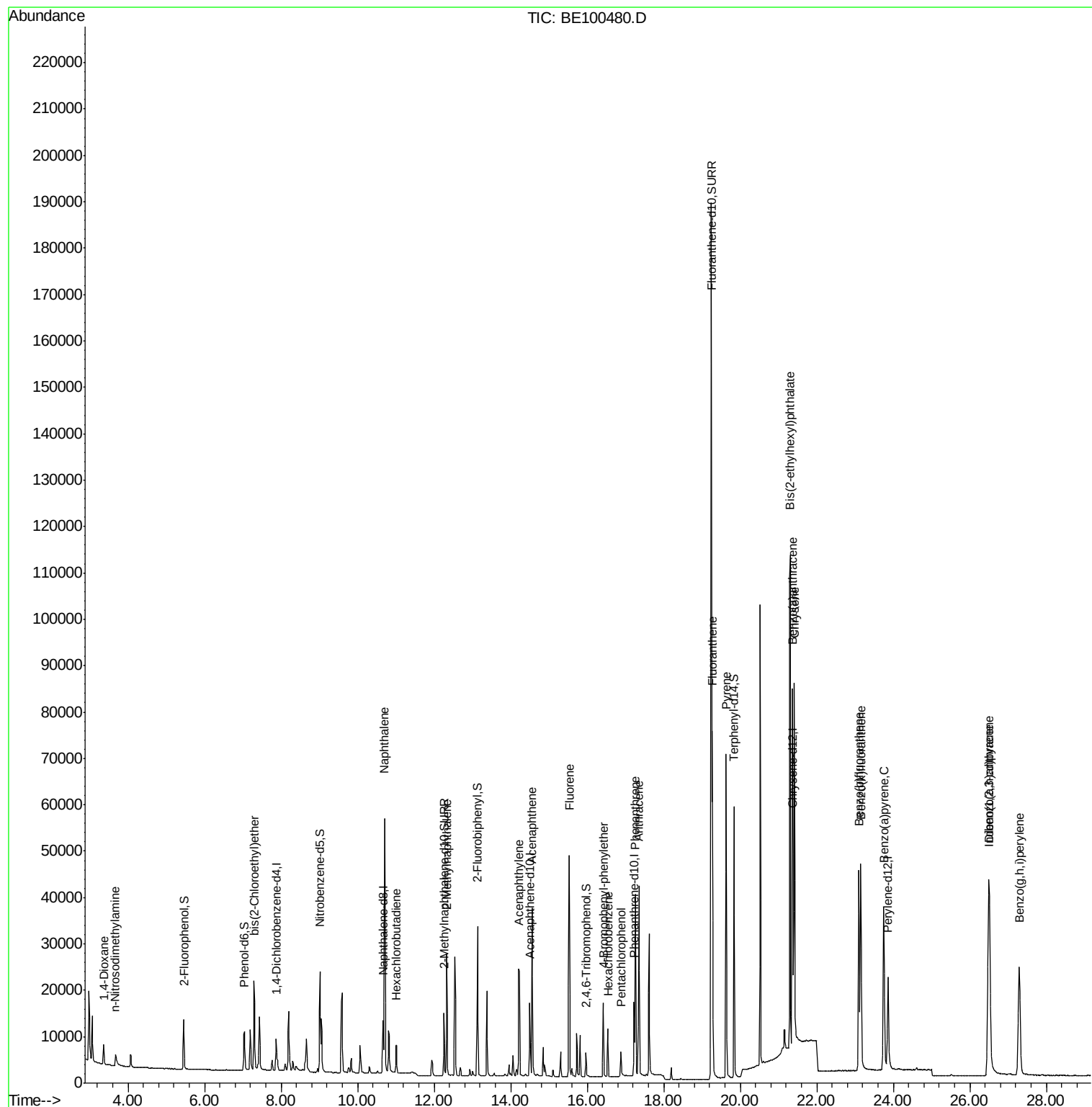
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	3369	0.687	ng	95
3) n-Nitrosodimethylamine	3.67	42	2178	0.768	ng	# 97
6) bis(2-Chloroethyl)ether	7.29	93	7797	0.806	ng	99
9) Naphthalene	10.70	128	102975	0.778	ng	100
10) Hexachlorobutadiene	11.02	225	4809	0.757	ng	99
12) 2-Methylnaphthalene	12.32	142	18451	0.799	ng	100
16) Acenaphthylene	14.23	152	32676	0.789	ng	99
17) Acenaphthene	14.56	154	19748	0.784	ng	97
18) Fluorene	15.53	166	26389	0.787	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	8943	0.803	ng	96
21) Hexachlorobenzene	16.55	284	9046	0.779	ng	99
22) Pentachlorophenol	16.88	266	3749	0.797	ng	96
23) Phenanthrene	17.25	178	45692	0.765	ng	99
24) Anthracene	17.35	178	44076	0.790	ng	99
26) Fluoranthene	19.27	202	65300	0.736	ng	99
28) Pyrene	19.63	202	68262	0.814	ng	100
30) Benzo(a)anthracene	21.37	228	66886	0.769	ng	99
31) Chrysene	21.42	228	66632	0.768	ng	98
32) Bis(2-ethylhexyl)phthalate	21.31	149	148700	0.770	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.49	276	71440	0.762	ng	97
35) Benzo(b)fluoranthene	23.10	252	62791	0.751	ng	# 95
36) Benzo(k)fluoranthene	23.15	252	68382	0.769	ng	# 91
37) Benzo(a)pyrene	23.75	252	61704	0.765	ng	# 93
38) Dibenzo(a,h)anthracene	26.52	278	59082	0.777	ng	# 93
39) Benzo(g,h,i)perylene	27.29	276	59537	0.761	ng	96

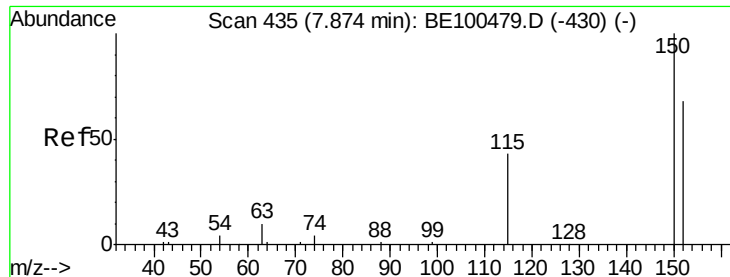
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.87 min Scan# 435

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA_E

ClientSampleId :

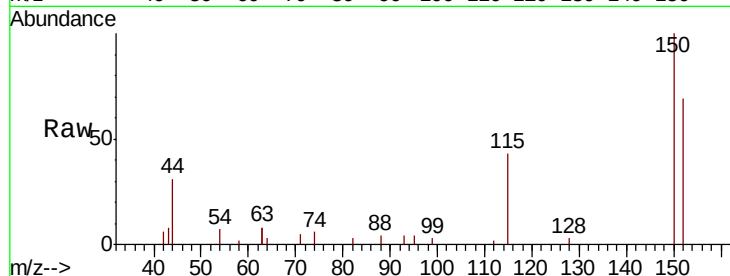
Tot Ion:152 Resp: 3194

Ion Ratio Lower Upper

152 100

150 144.1 115.0 172.6

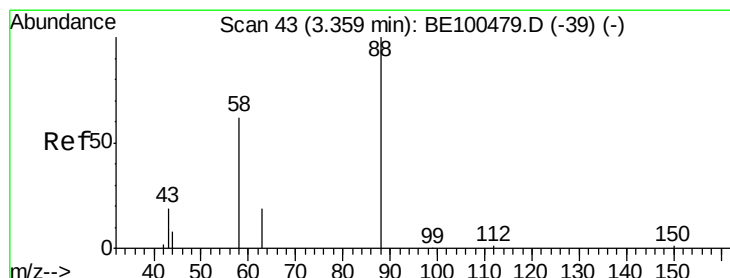
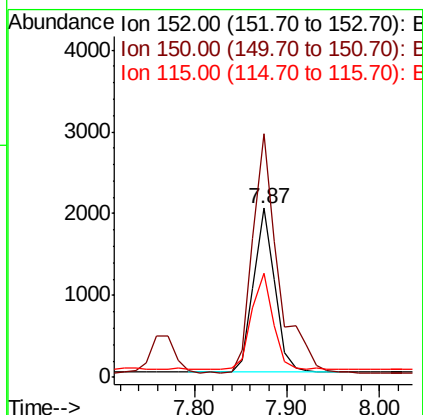
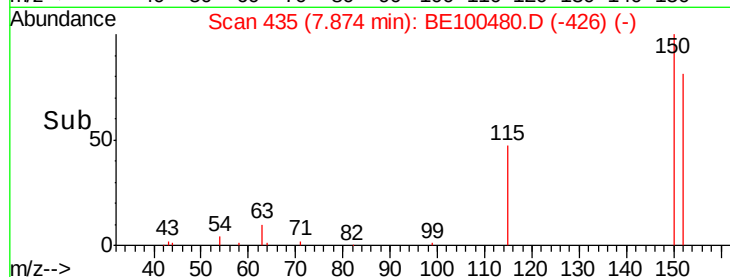
115 61.9 52.9 79.3



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: 0.687 ng

RT: 3.36 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

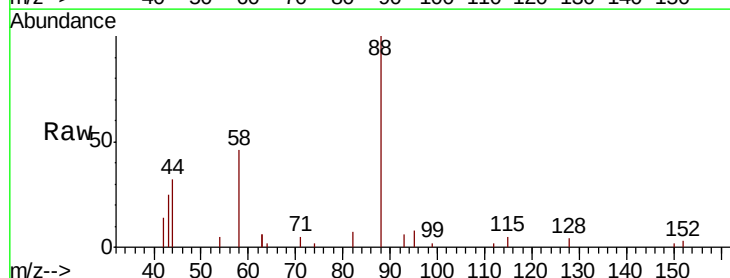
Tgt Ion: 88 Resp: 3369

Ion Ratio Lower Upper

88 100

58 72.3 53.2 79.8

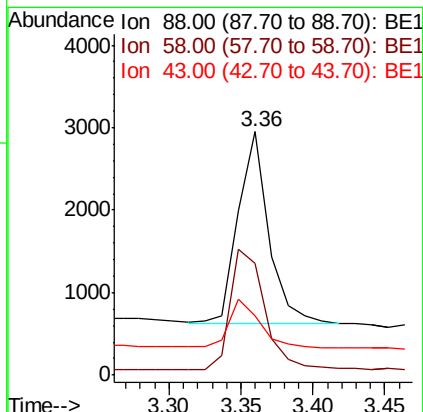
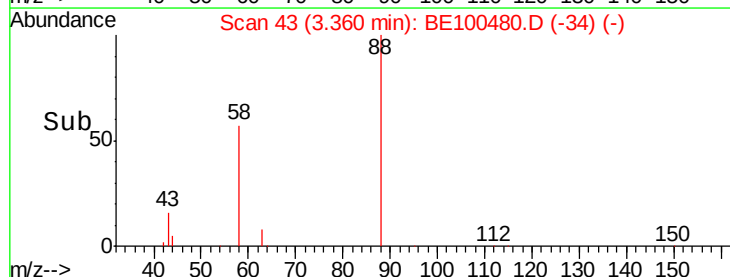
43 26.0 20.8 31.2

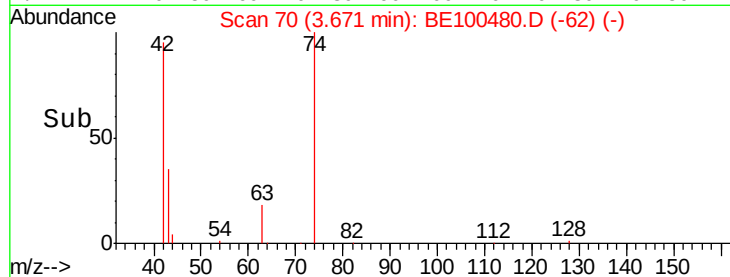
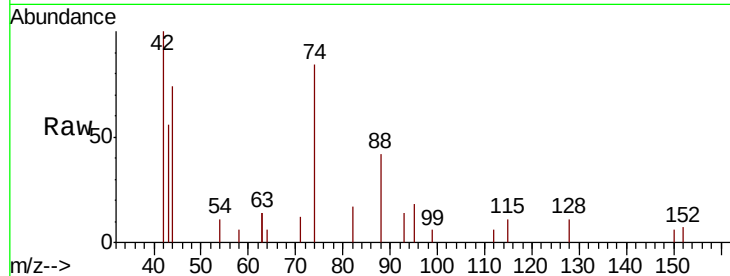
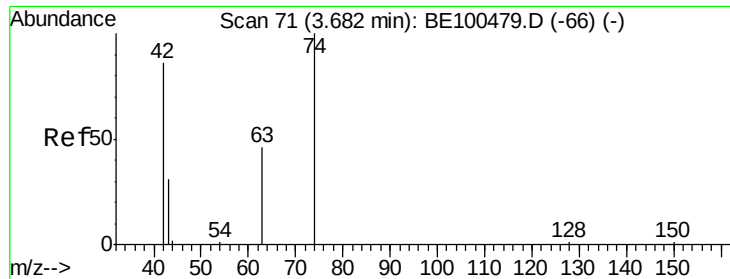


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.768 ng

RT: 3.67 min Scan# 70

Delta R.T. -0.01 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA_E

ClientSampleId :

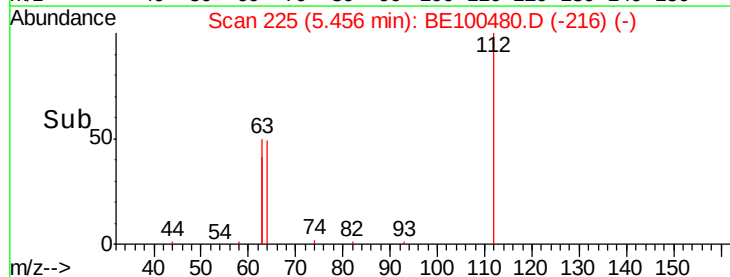
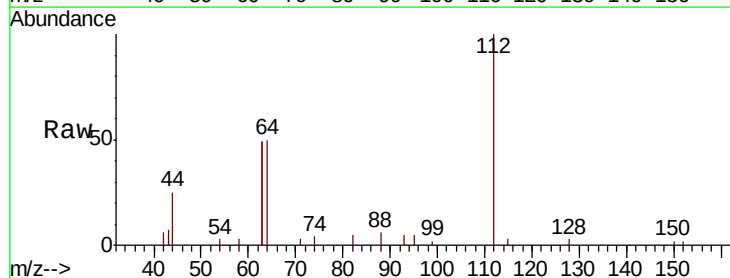
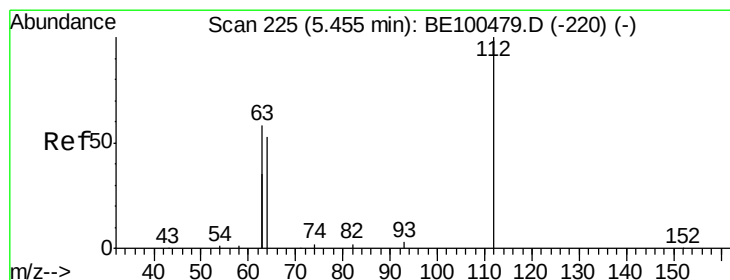
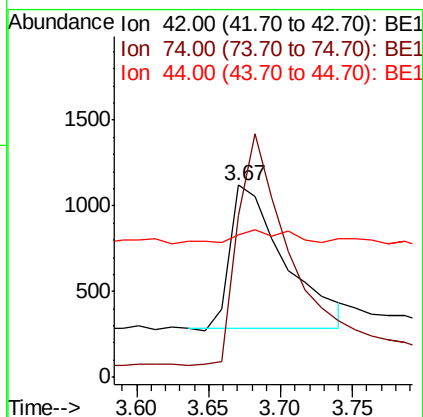
Tot Ion: 42 Resp: 2178

Ion Ratio Lower Upper

42 100

74 156.2 0.0 0.0#

44 11.0 9.6 14.4



#4

2-Fluorophenol

Concen: 0.771 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

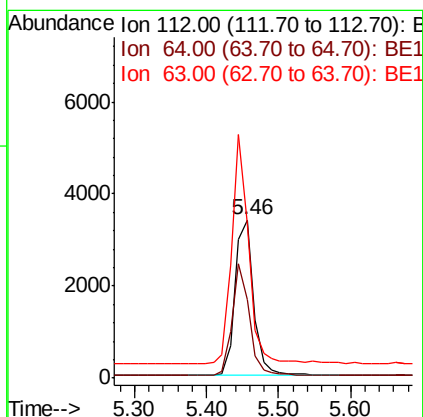
Tgt Ion: 112 Resp: 6126

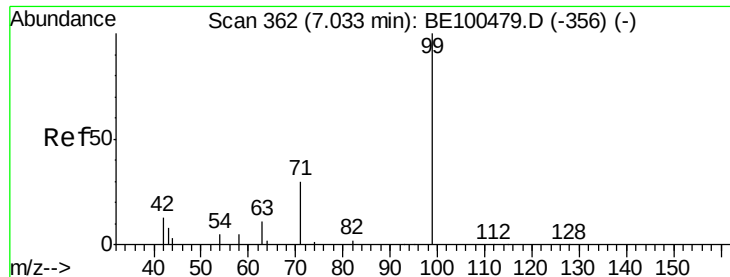
Ion Ratio Lower Upper

112 100

64 65.1 54.1 81.1

63 132.5 104.6 157.0





#5

Phenol-d6

Concen: 0.819 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA_E

ClientSampleId :

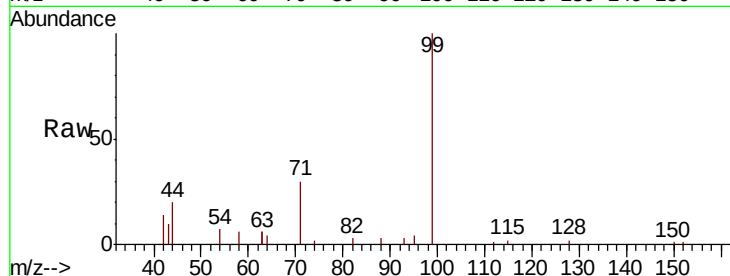
Tot Ion: 99 Resp: 9137

Ion Ratio Lower Upper

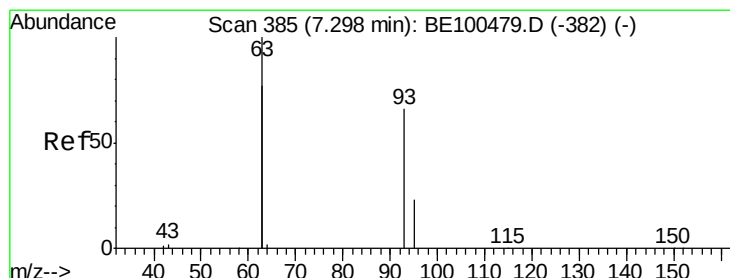
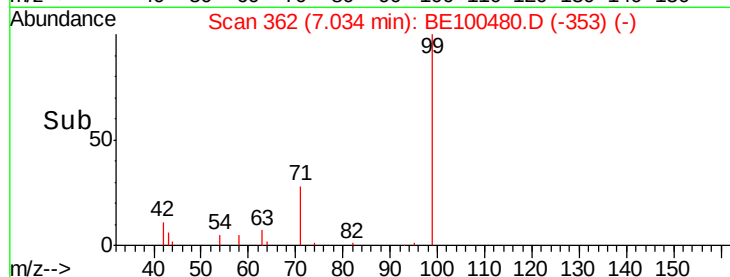
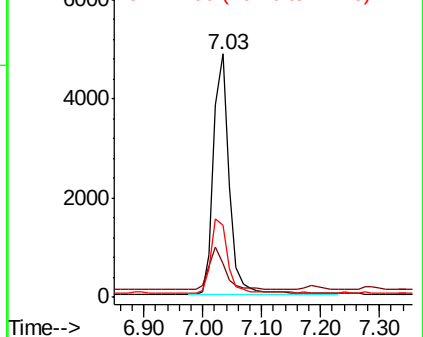
99 100

42 17.4 14.5 21.7

71 33.0 26.4 39.6



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: 0.806 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.01 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

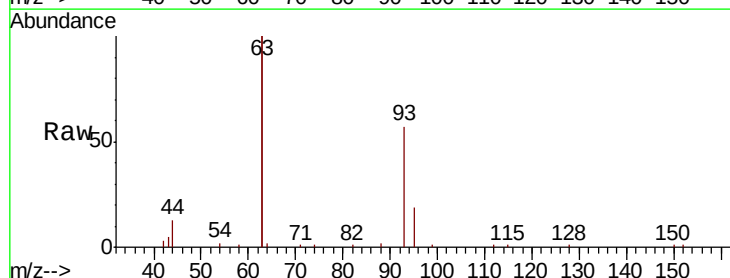
Tgt Ion: 93 Resp: 7797

Ion Ratio Lower Upper

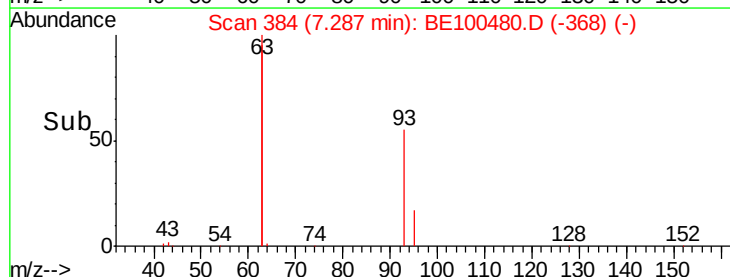
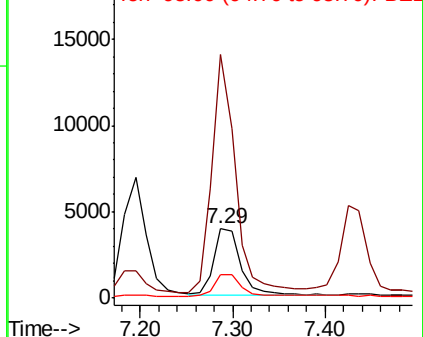
93 100

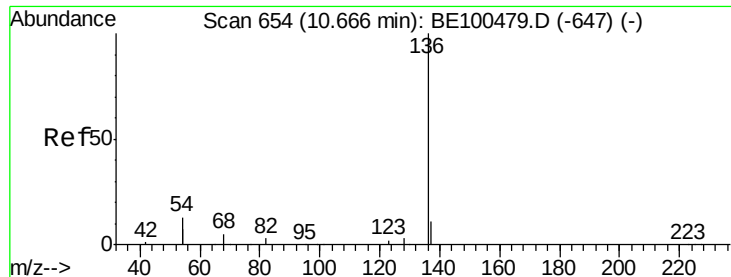
63 307.6 248.3 372.5

95 31.8 25.4 38.0



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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 13839

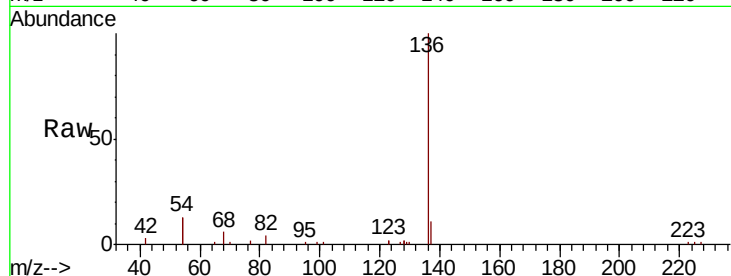
Ion Ratio Lower Upper

136 100

137 11.0 9.8 14.6

54 25.1 20.6 31.0

68 6.1 5.3 7.9

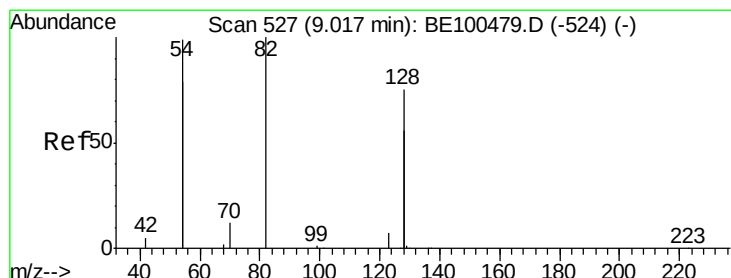
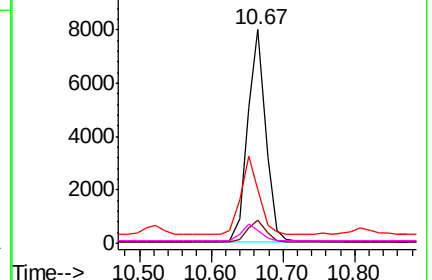
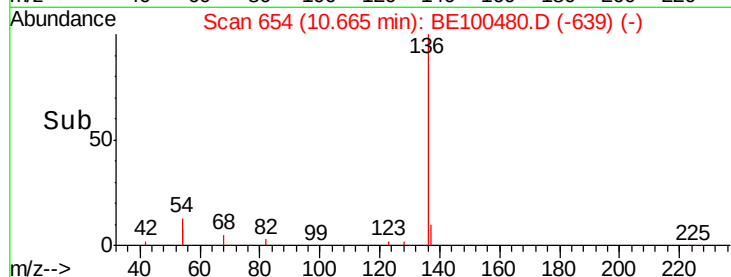


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.815 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

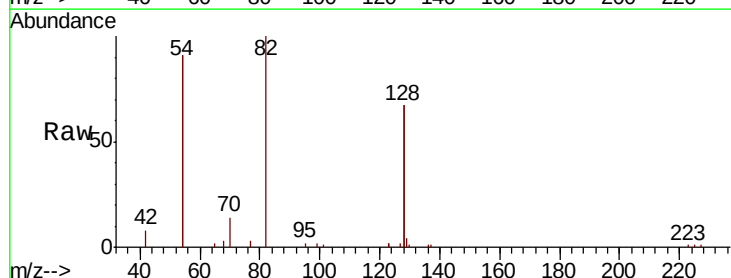
Tgt Ion: 82 Resp: 9119

Ion Ratio Lower Upper

82 100

128 134.2 113.6 170.4

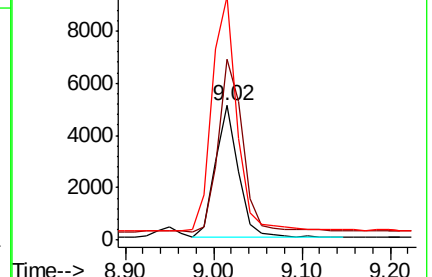
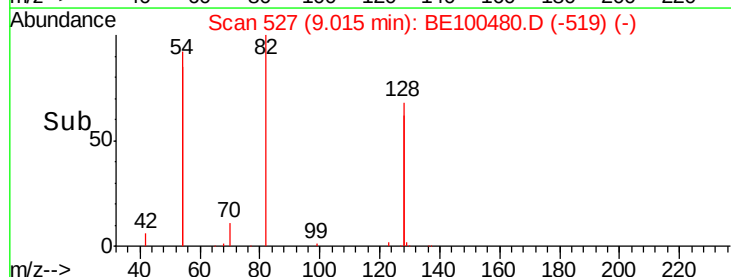
54 181.0 150.6 226.0

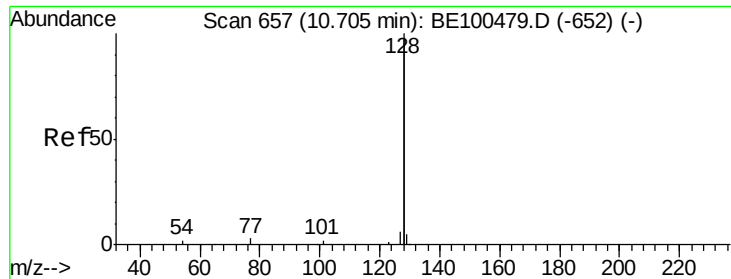


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.778 ng

RT: 10.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA_E

ClientSampleId :

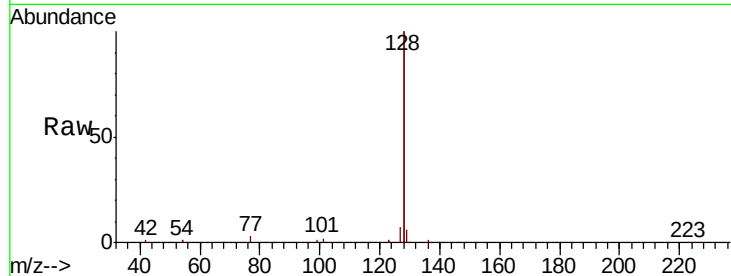
Tot Ion:128 Resp: 102975

Ion Ratio Lower Upper

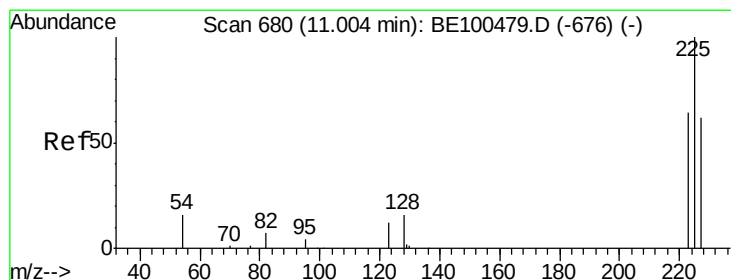
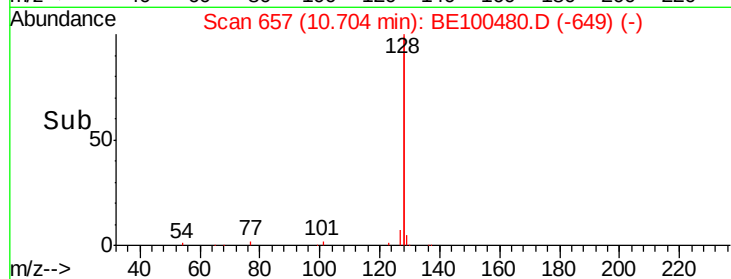
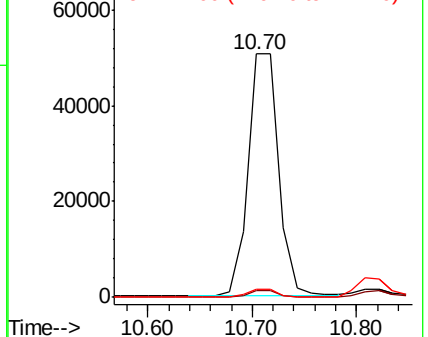
128 100

129 2.8 2.3 3.5

127 3.5 2.7 4.1



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: 0.757 ng

RT: 11.02 min Scan# 681

Delta R.T. 0.01 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

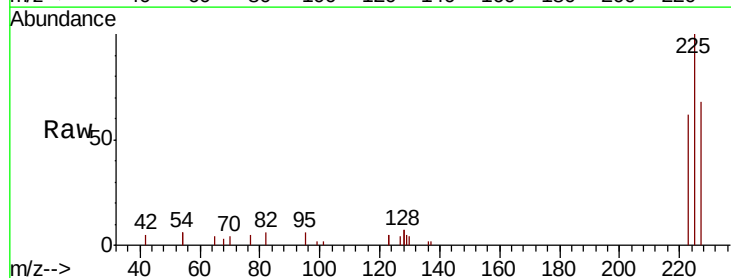
Tgt Ion:225 Resp: 4809

Ion Ratio Lower Upper

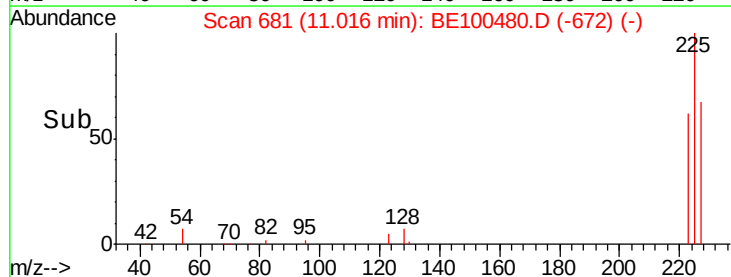
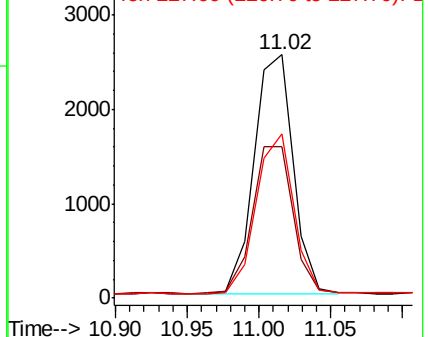
225 100

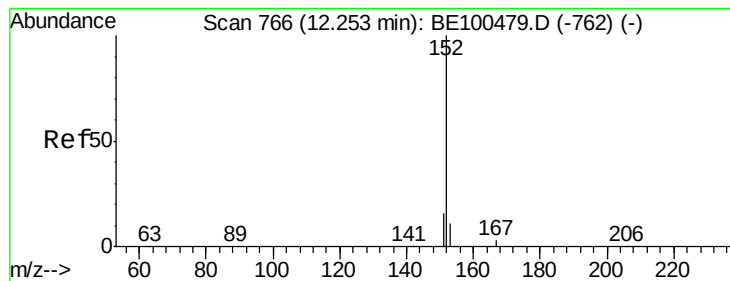
223 63.5 49.4 74.0

227 64.1 51.4 77.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.797 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA_E

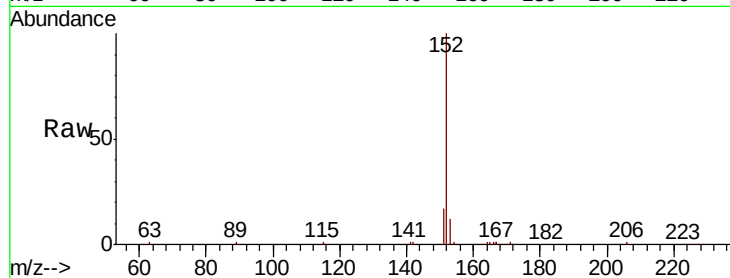
ClientSampleId :

Tot Ion:152 Resp: 17706

Ion Ratio Lower Upper

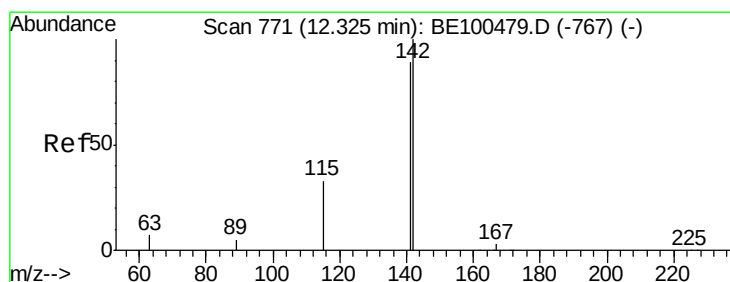
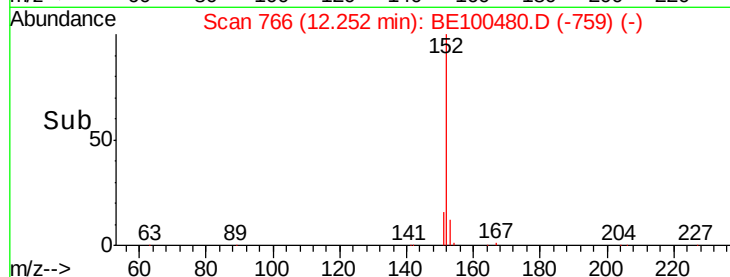
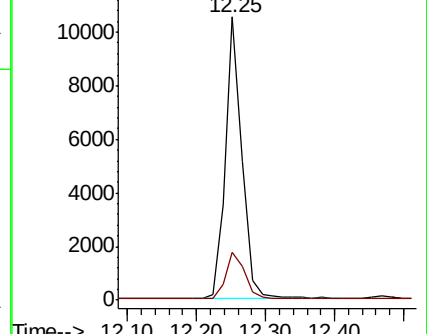
152 100

151 18.7 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.799 ng

RT: 12.32 min Scan# 771

Delta R.T. -0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

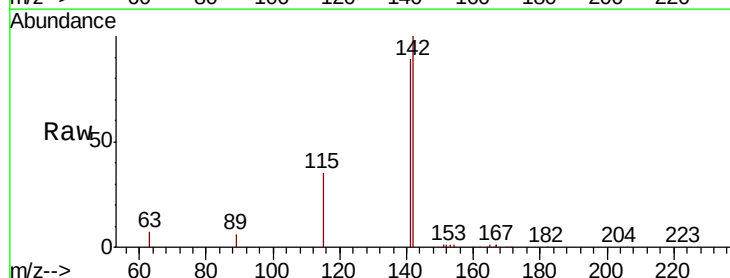
Tgt Ion:142 Resp: 18451

Ion Ratio Lower Upper

142 100

141 89.3 71.7 107.5

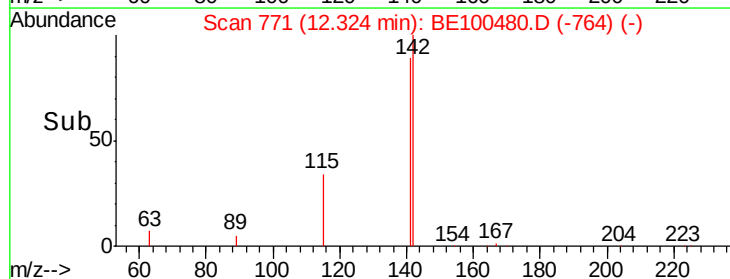
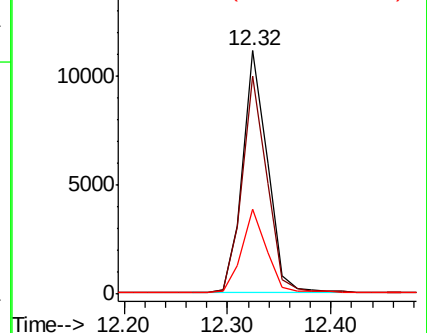
115 34.8 27.8 41.6

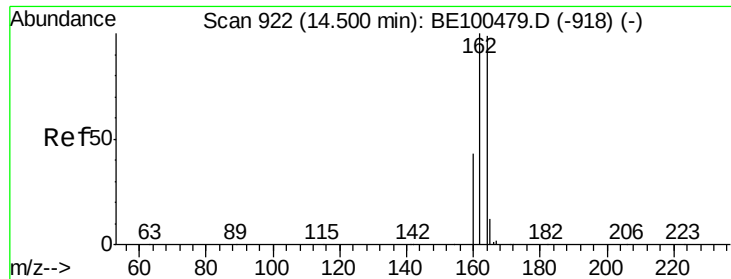


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

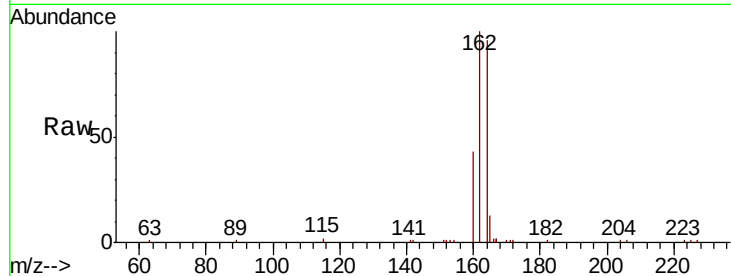




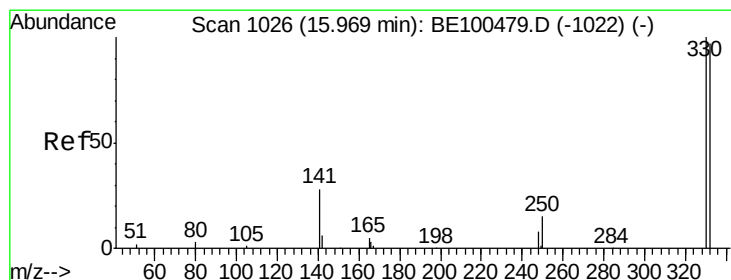
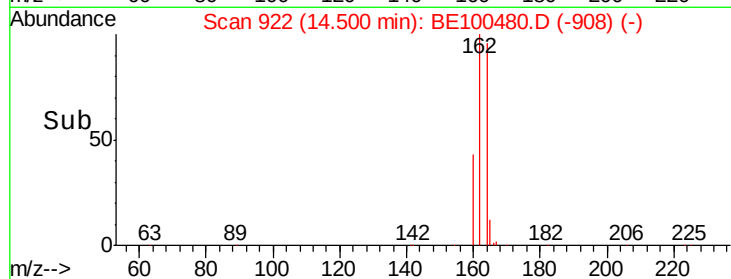
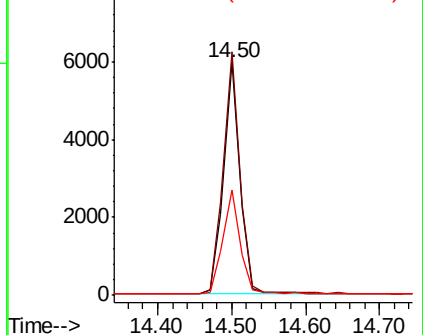
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 9016
Ion Ratio Lower Upper
164 100
162 104.5 80.8 121.2
160 45.0 34.9 52.3

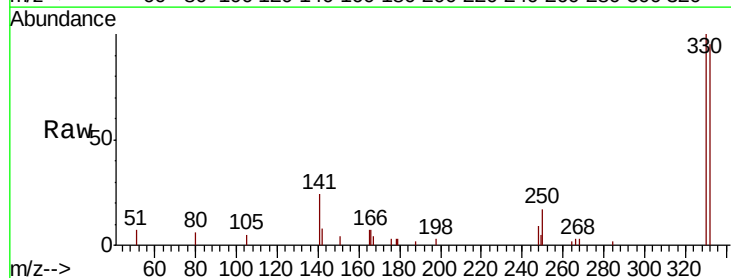


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

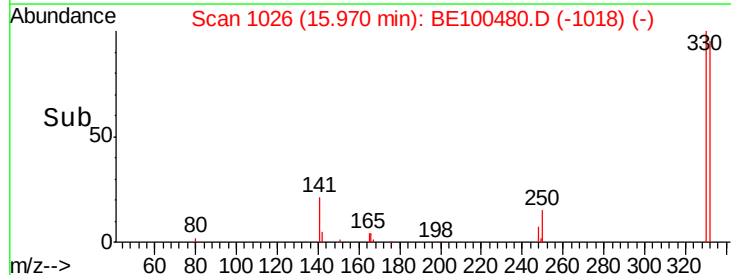
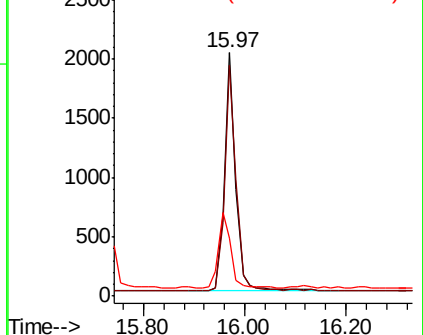


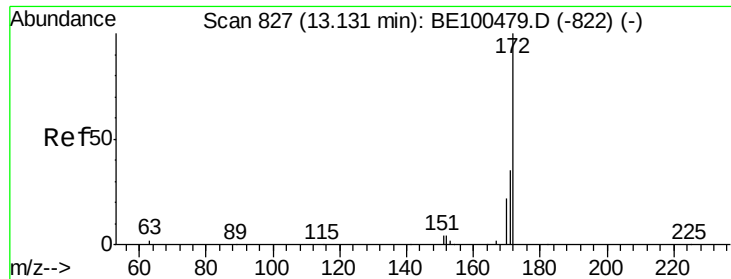
#14
2,4,6-Tribromophenol
Concen: 0.817 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Tgt Ion:330 Resp: 3092
Ion Ratio Lower Upper
330 100
332 95.8 80.5 120.7
141 35.3 29.9 44.9



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

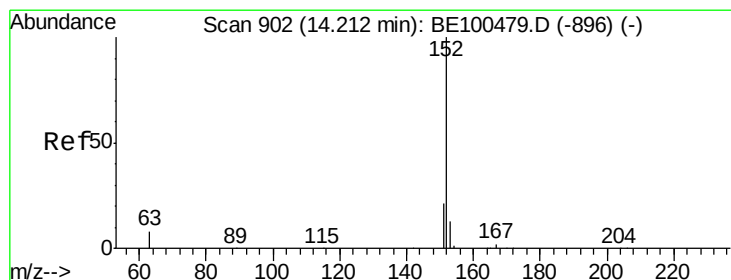
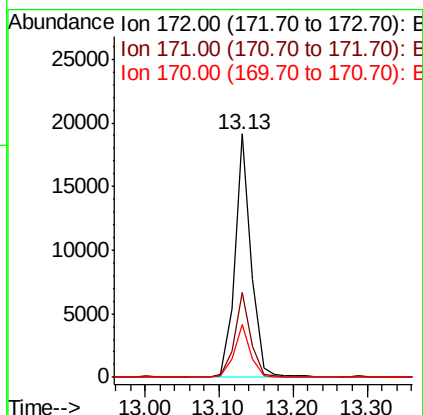
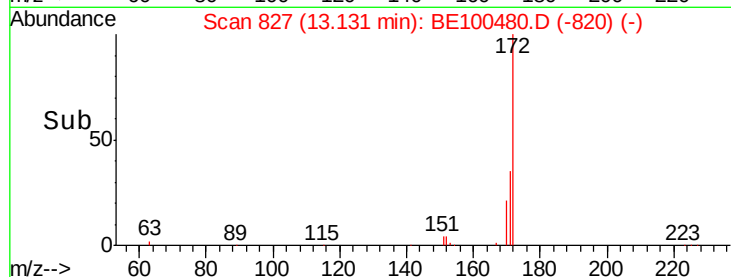
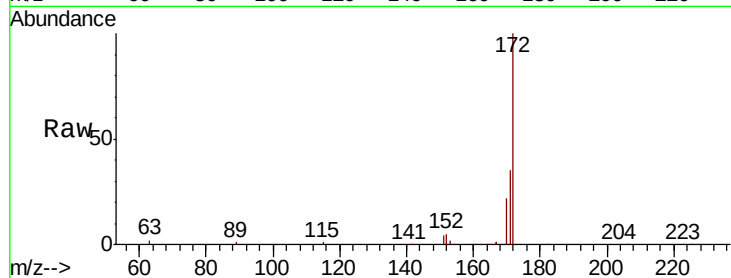




#15
2-Fluorobiphenyl
Concen: 0.774 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

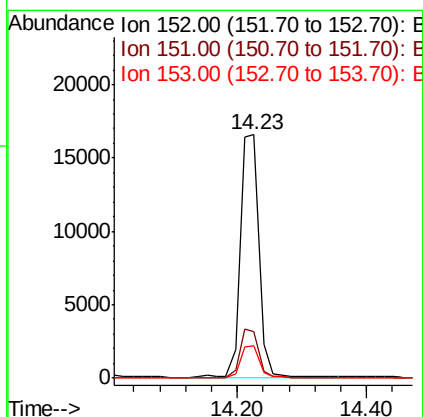
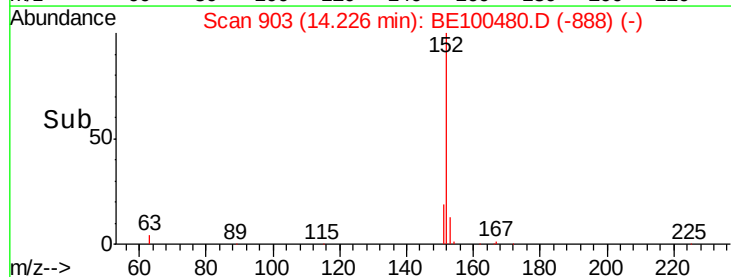
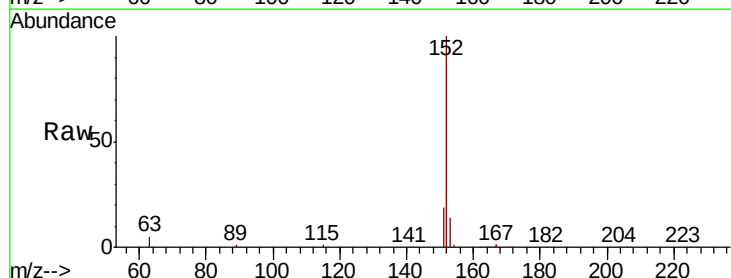
Instrument :
BNA_E
ClientSampled :

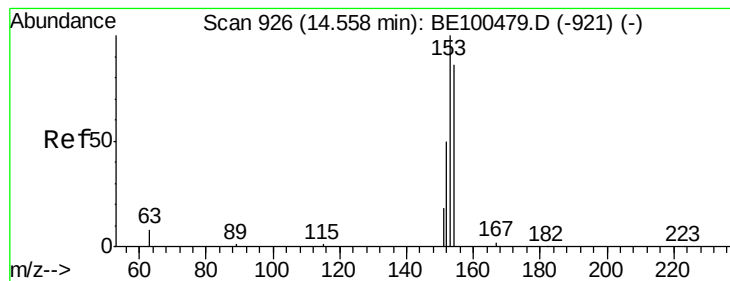
Tot Ion:172 Resp: 28716
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 21.7 17.8 26.8



#16
Acenaphthylene
Concen: 0.789 ng
RT: 14.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Tgt Ion:152 Resp: 32676
Ion Ratio Lower Upper
152 100
151 19.6 16.1 24.1
153 13.1 10.6 16.0





#17

Acenaphthene

Concen: 0.784 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA_E

ClientSampleId :

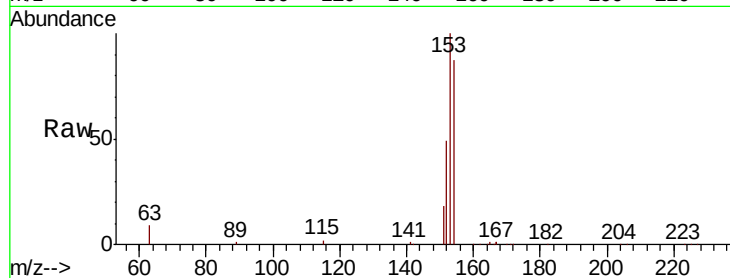
Tot Ion:154 Resp: 19748

Ion Ratio Lower Upper

154 100

153 111.4 90.8 136.2

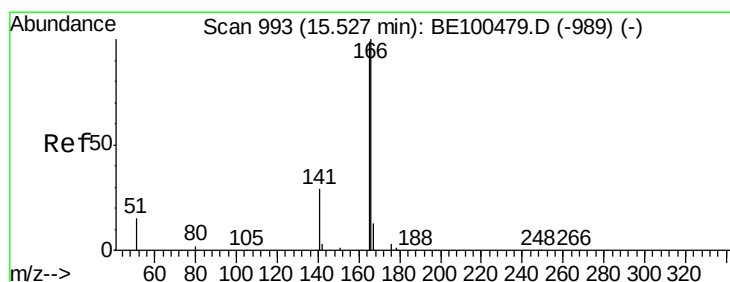
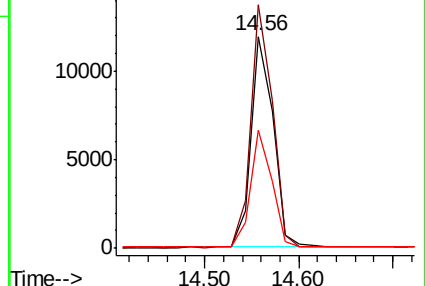
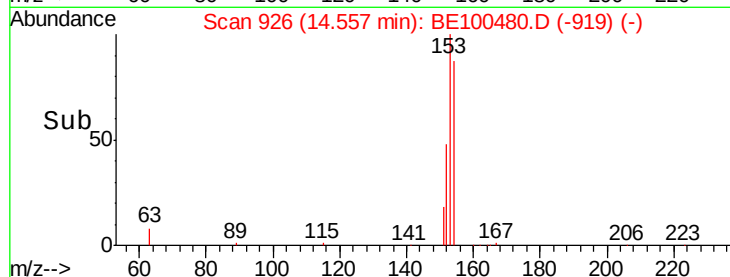
152 53.3 45.1 67.7



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: 0.787 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

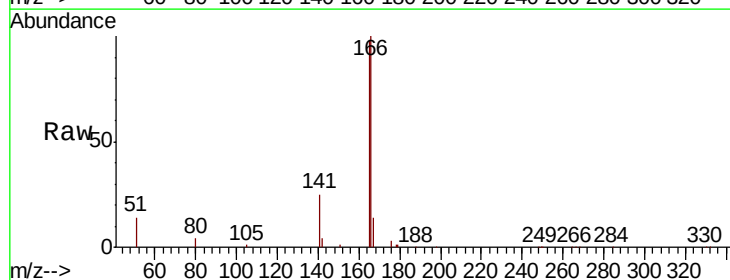
Tgt Ion:166 Resp: 26389

Ion Ratio Lower Upper

166 100

165 98.6 78.3 117.5

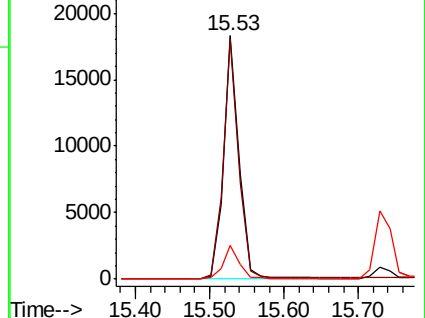
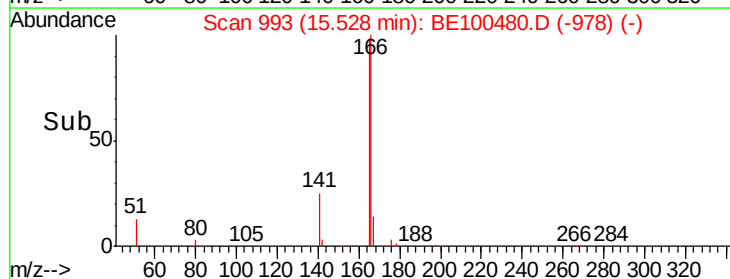
167 13.6 10.9 16.3

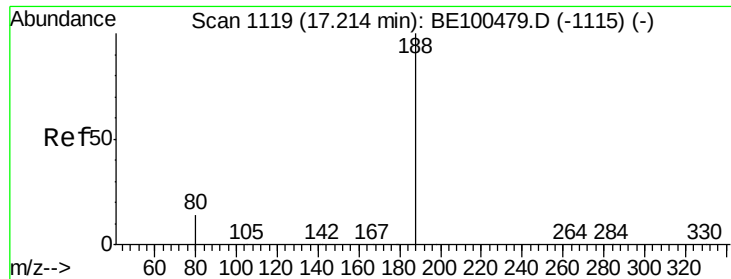


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.21 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA_E

ClientSampleId :

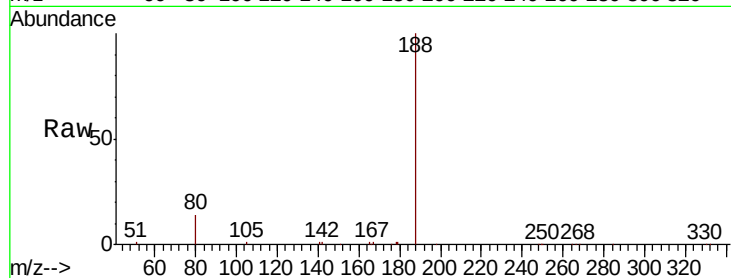
Tot Ion:188 Resp: 24141

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

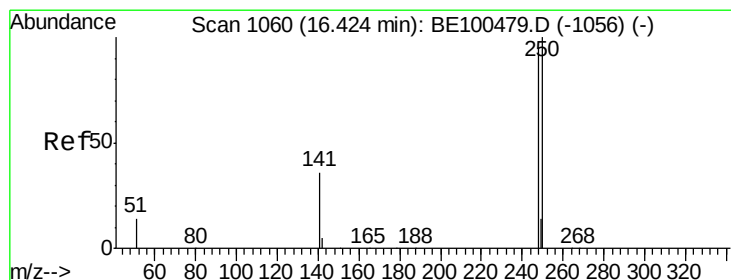
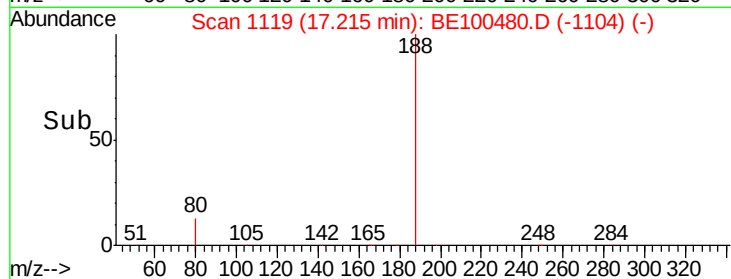
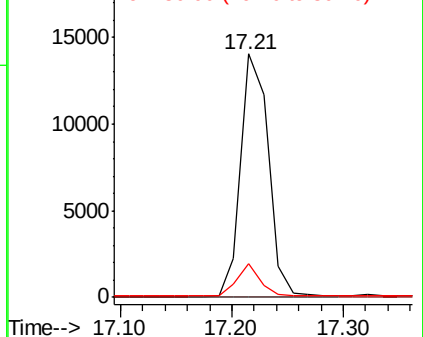
80 13.9 11.9 17.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.803 ng

RT: 16.42 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

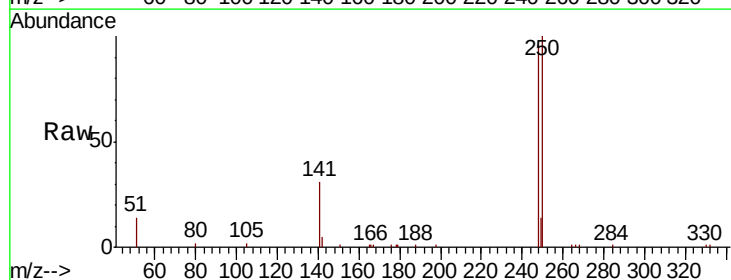
Tgt Ion:248 Resp: 8943

Ion Ratio Lower Upper

248 100

250 104.6 84.4 126.6

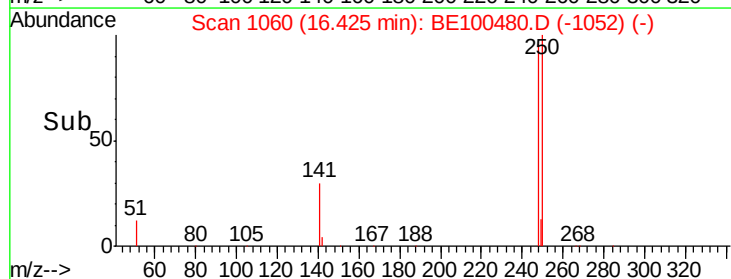
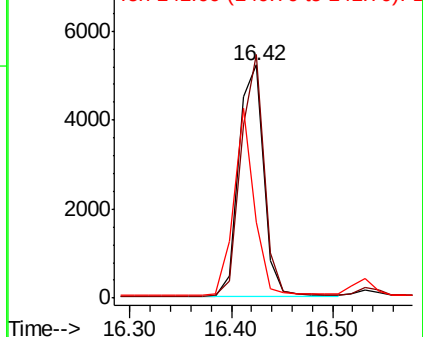
141 32.8 32.2 48.2

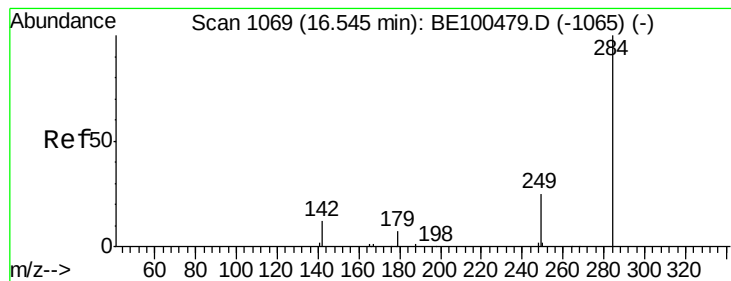


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.779 ng

RT: 16.55 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA_E

ClientSampleId :

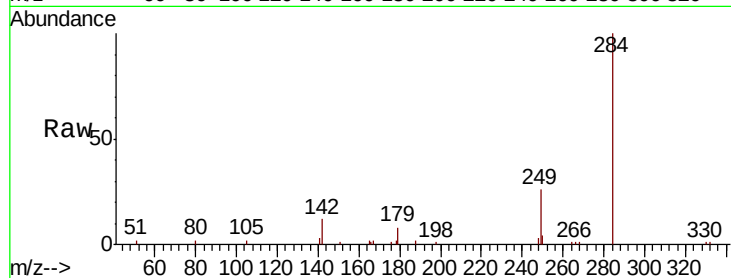
Tot Ion:284 Resp: 9046

Ion Ratio Lower Upper

284 100

142 32.9 26.7 40.1

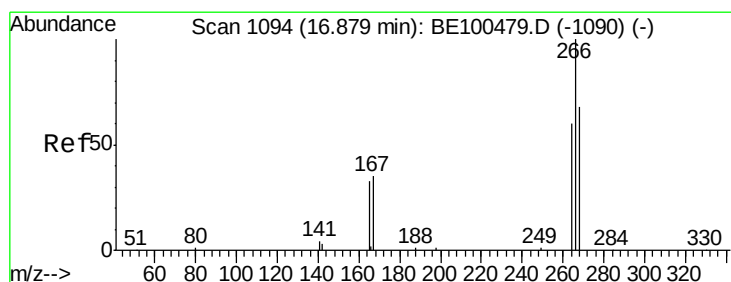
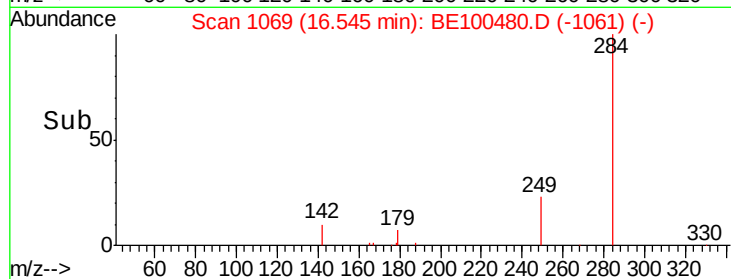
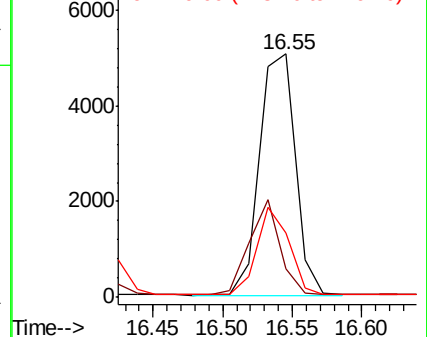
249 32.2 25.0 37.4



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: 0.797 ng

RT: 16.88 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

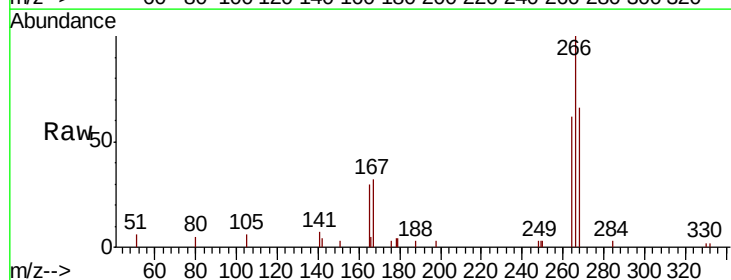
Tgt Ion:266 Resp: 3749

Ion Ratio Lower Upper

266 100

264 61.8 50.4 75.6

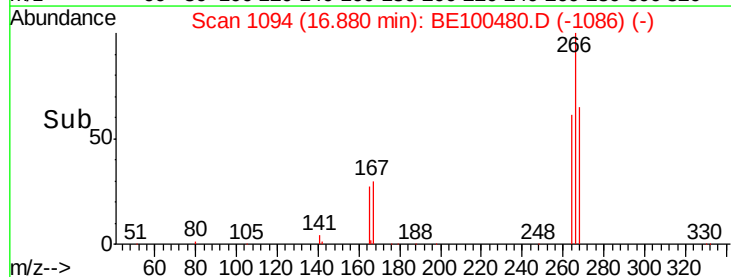
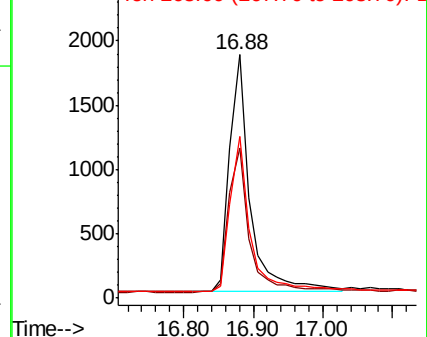
268 66.4 56.6 85.0

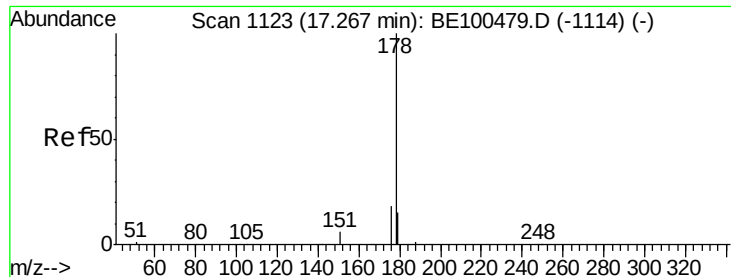


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.765 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA_E

ClientSampleId :

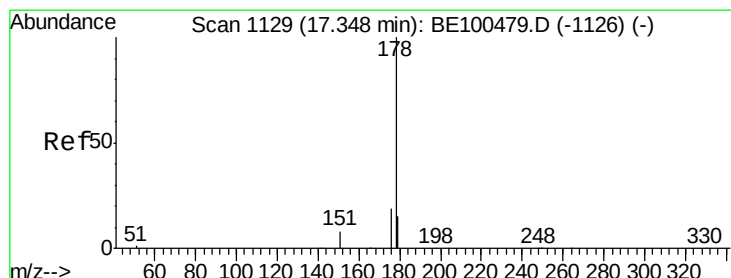
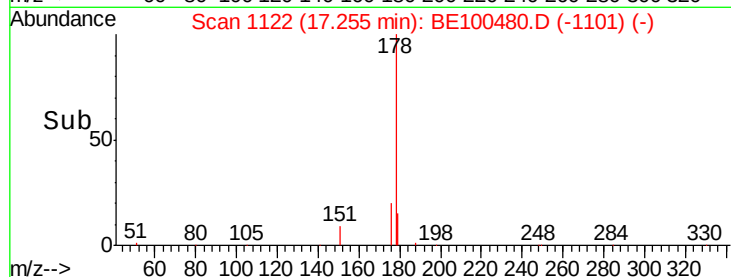
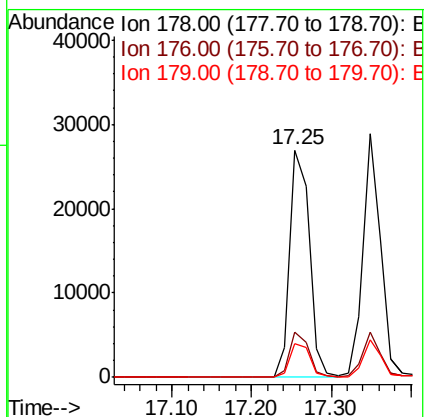
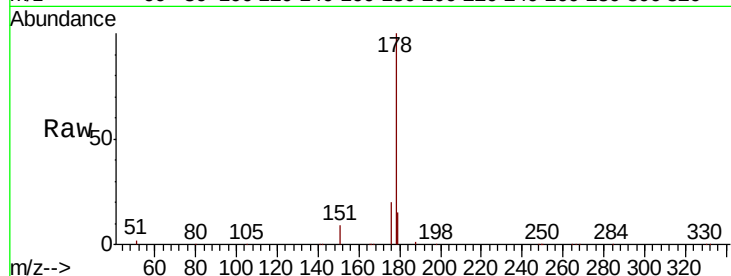
Tot Ion:178 Resp: 45692

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.1 12.6 18.8



#24

Anthracene

Concen: 0.790 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

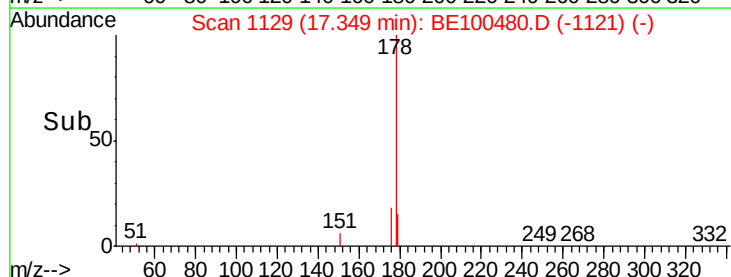
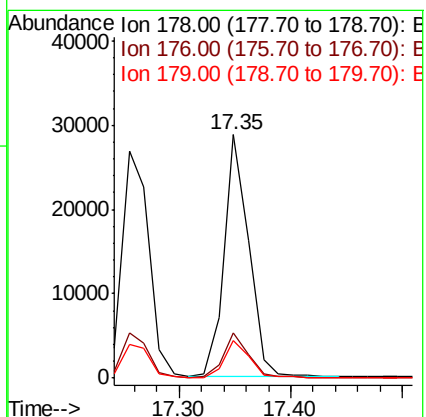
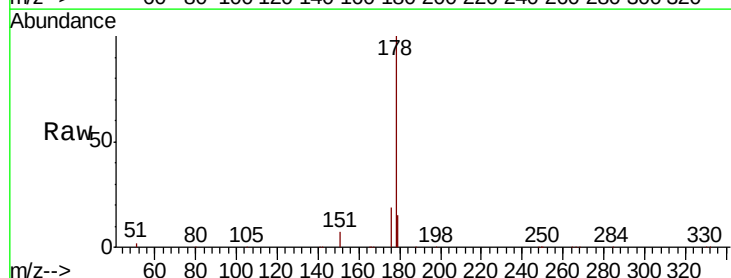
Tgt Ion:178 Resp: 44076

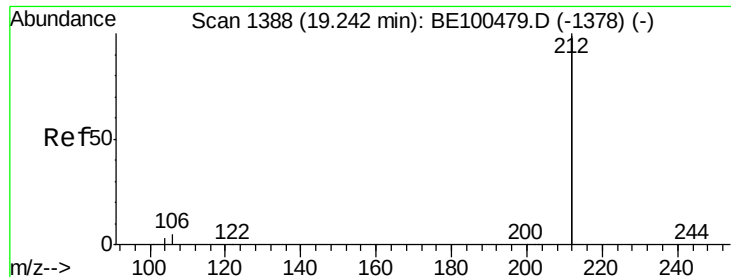
Ion Ratio Lower Upper

178 100

176 18.4 15.3 22.9

179 15.3 12.2 18.2





#25

Fluoranthene-d10

Concen: 0.742 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA_E

ClientSampled :

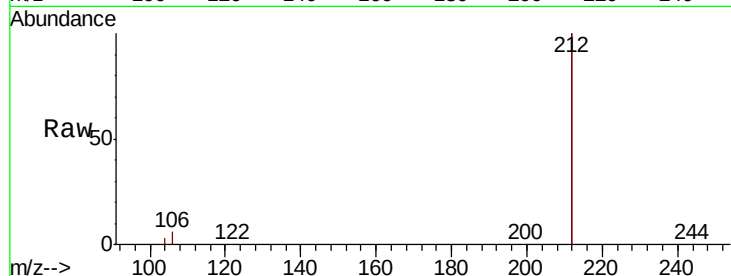
Tot Ion:212 Resp: 250756

Ion Ratio Lower Upper

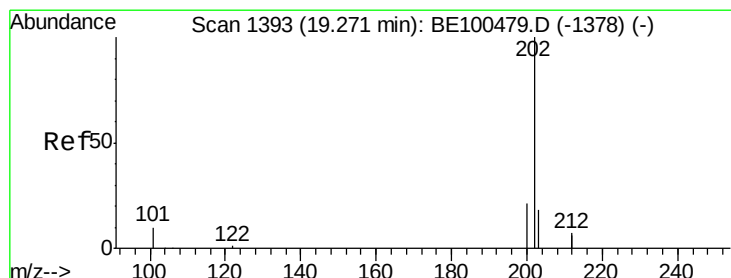
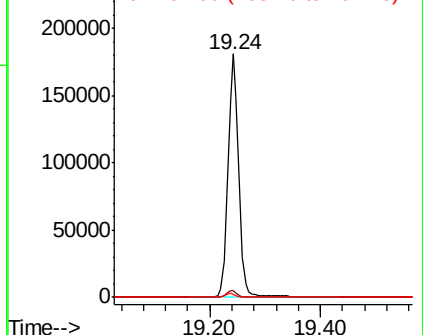
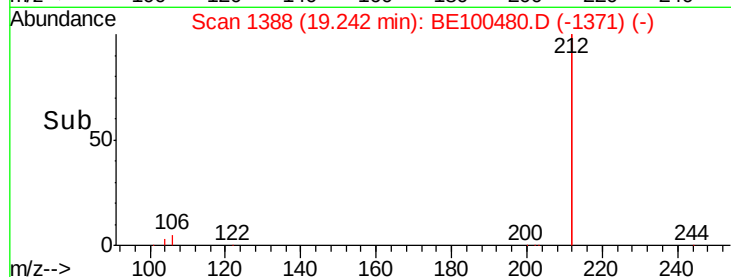
212 100

106 2.8 2.2 3.4

104 1.5 1.2 1.8



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: 0.736 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

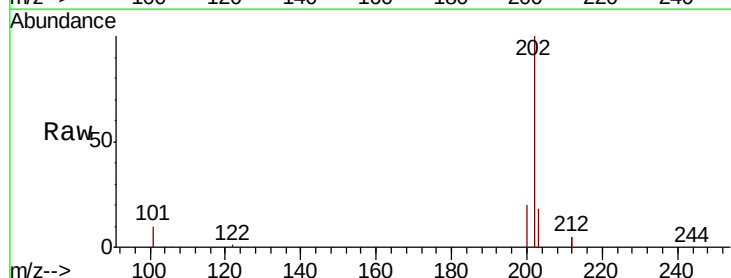
Tgt Ion:202 Resp: 65300

Ion Ratio Lower Upper

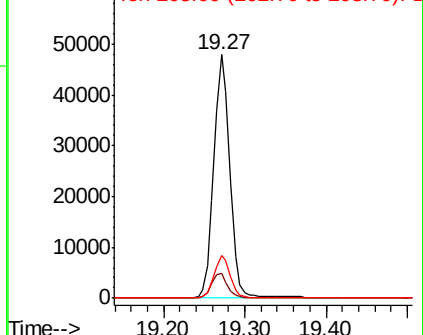
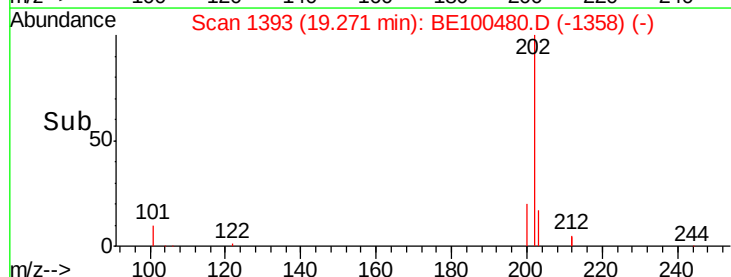
202 100

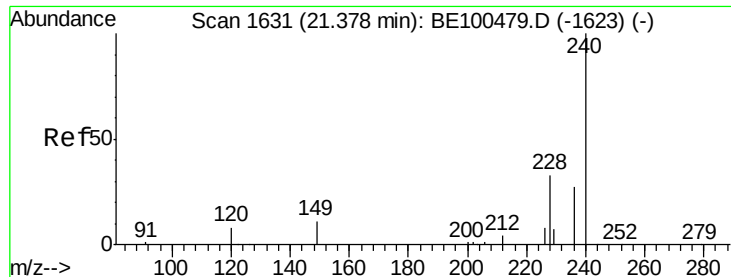
101 10.2 8.0 12.0

203 17.2 13.5 20.3



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

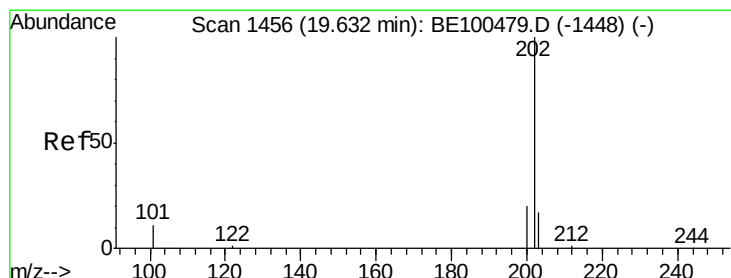
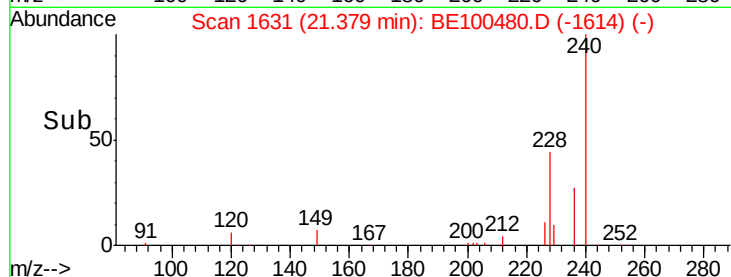
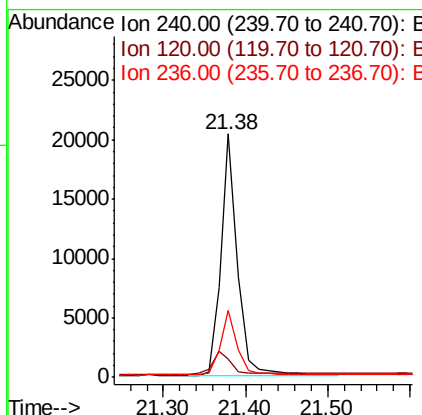
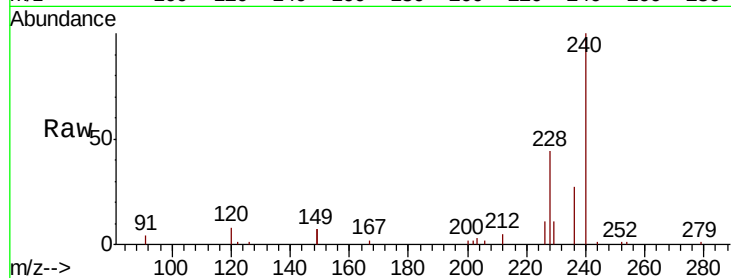




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BE100480.D
 Acq: 22 Jul 2019 14:28

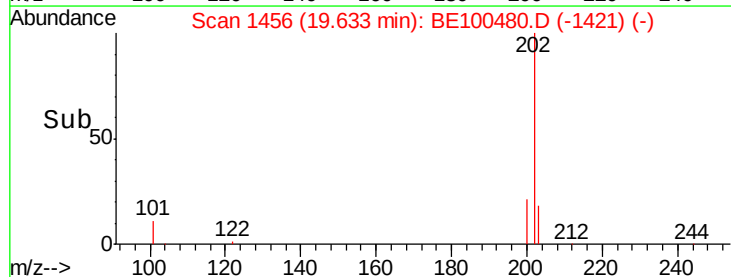
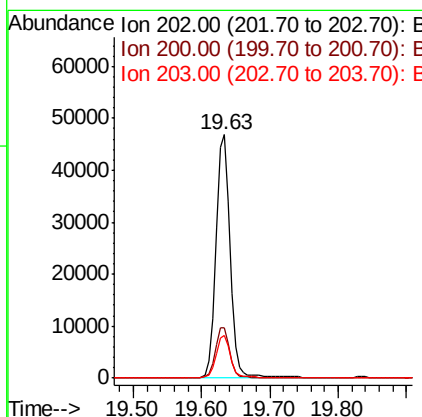
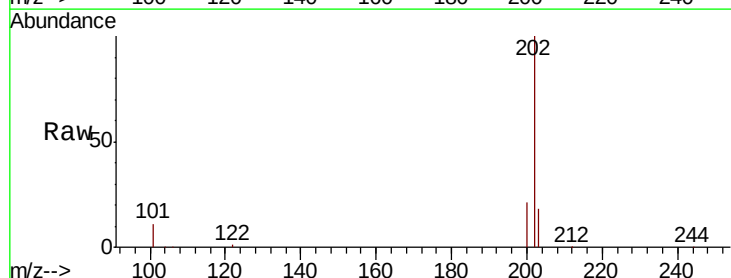
Instrument :
 BNA_E
 ClientSampleId :

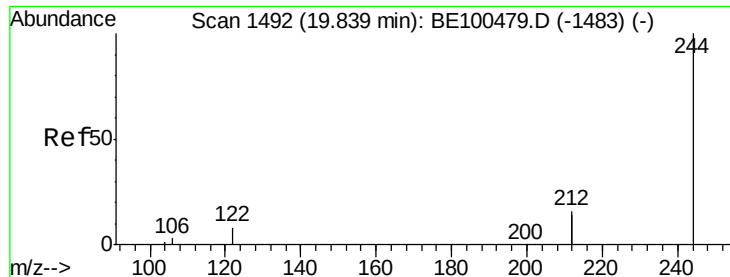
Tot Ion:240 Resp: 28524
 Ion Ratio Lower Upper
 240 100
 120 7.7 8.2 12.2#
 236 27.3 22.6 34.0



#28
 Pyrene
 Concen: 0.814 ng
 RT: 19.63 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BE100480.D
 Acq: 22 Jul 2019 14:28

Tgt Ion:202 Resp: 68262
 Ion Ratio Lower Upper
 202 100
 200 21.0 16.6 24.8
 203 17.4 14.1 21.1





#29

Terphenyl-d14

Concen: 0.833 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA_E

ClientSampled :

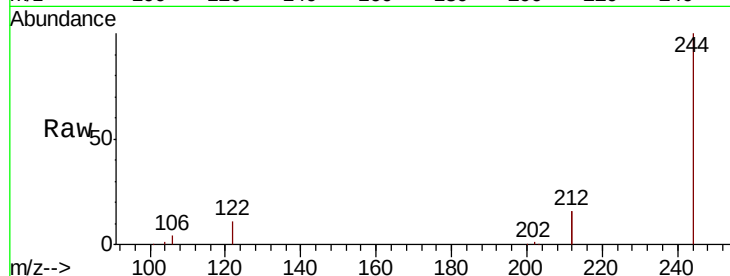
Tot Ion:244 Resp: 54764

Ion Ratio Lower Upper

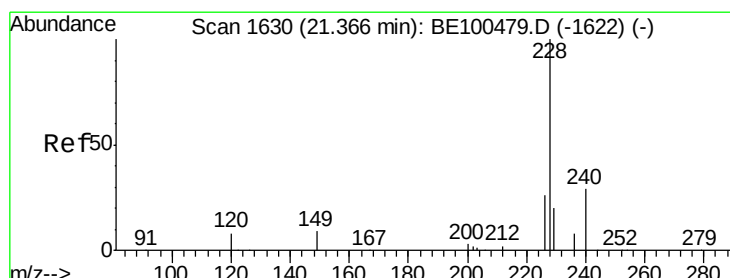
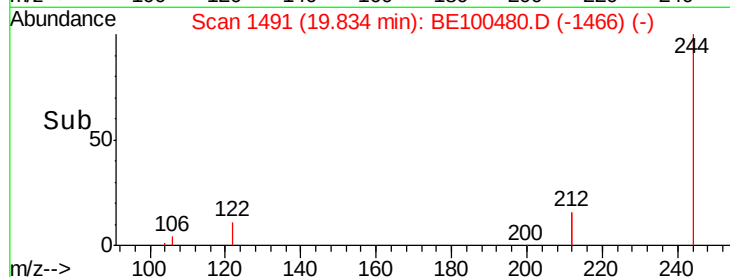
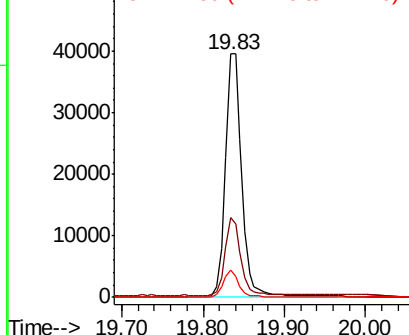
244 100

212 32.6 25.6 38.4

122 11.2 7.2 10.8#



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: 0.769 ng

RT: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

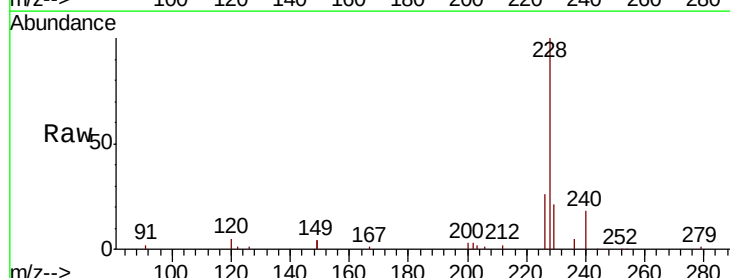
Tgt Ion:228 Resp: 66886

Ion Ratio Lower Upper

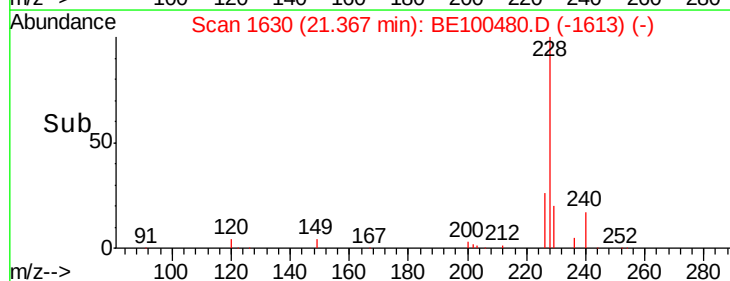
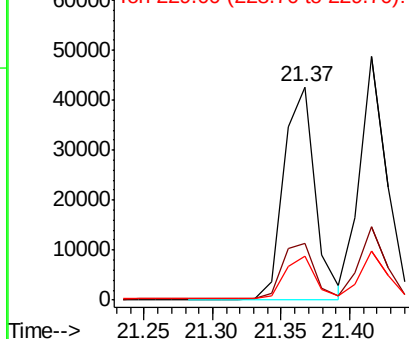
228 100

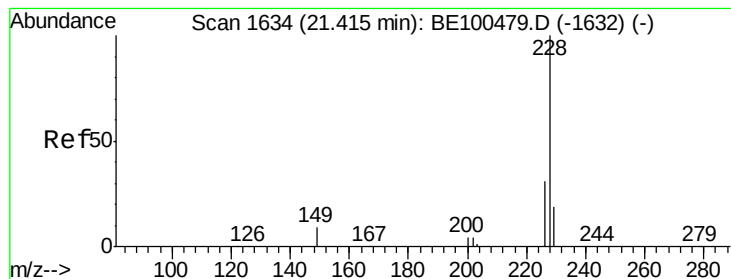
226 26.5 21.4 32.2

229 20.8 17.3 25.9



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: 0.768 ng

RT: 21.42 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA_E

ClientSampleId :

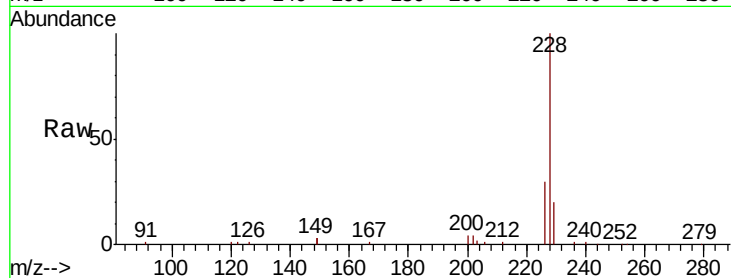
Tot Ion:228 Resp: 66632

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

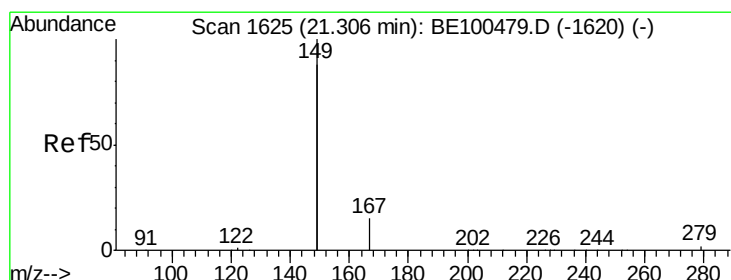
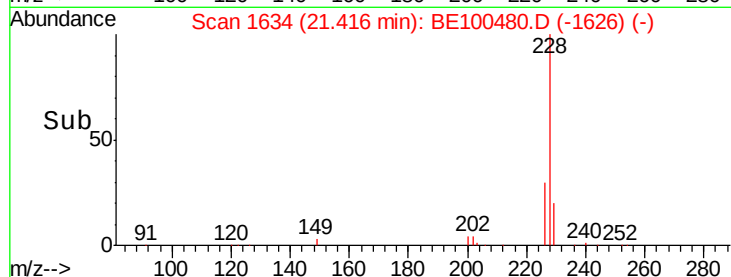
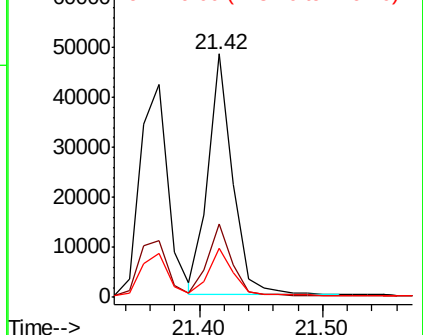
229 20.1 16.7 25.1



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: 0.770 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

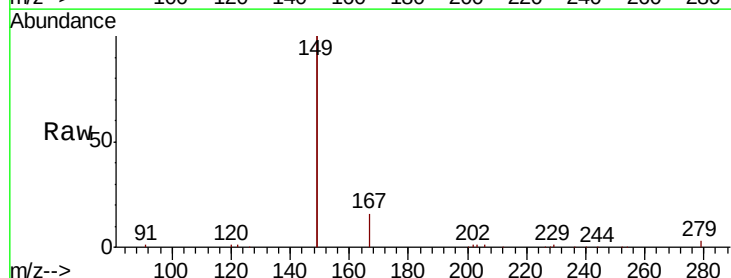
Tgt Ion:149 Resp: 148700

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

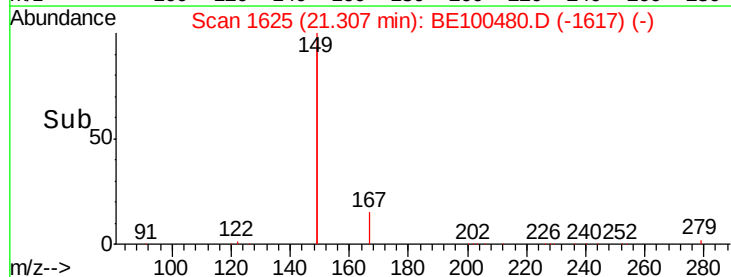
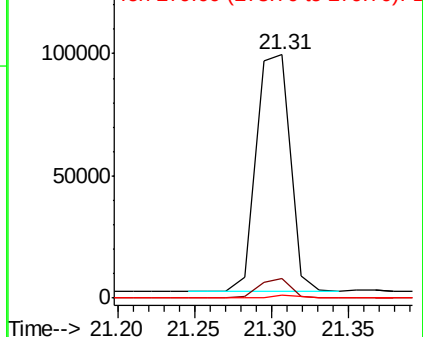
279 1.0 1.0 1.6#

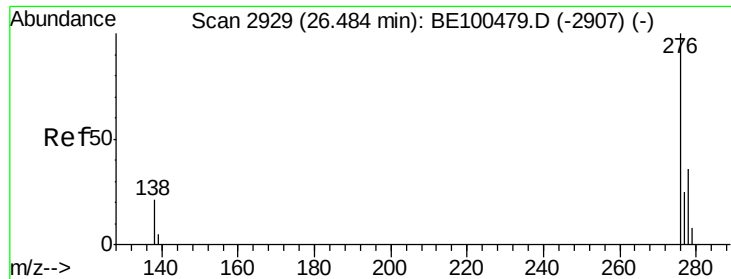


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

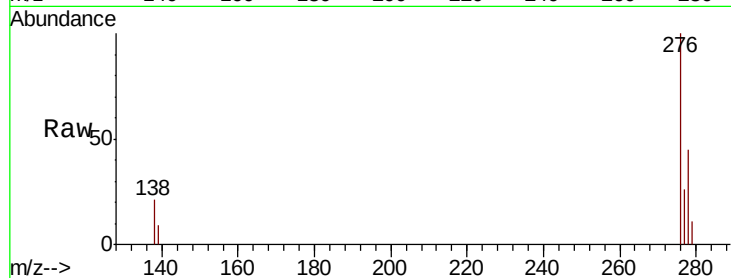




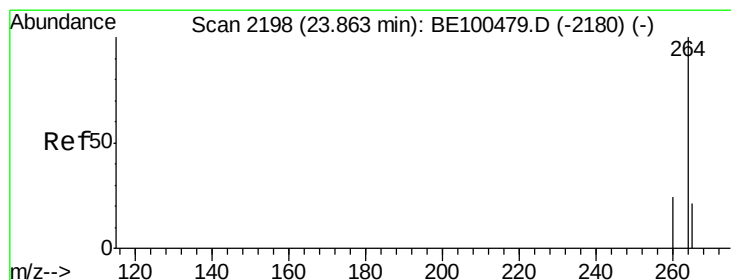
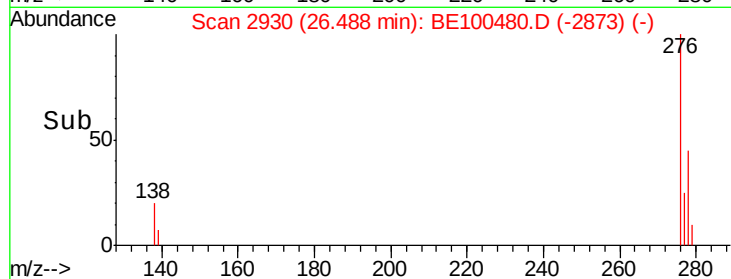
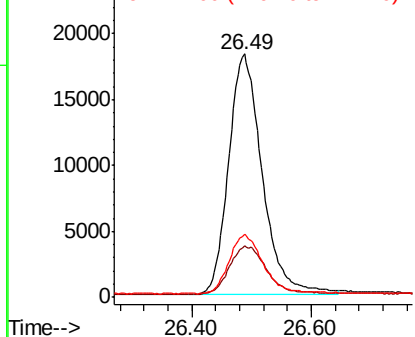
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.762 ng
 RT: 26.49 min Scan# 2930
 Delta R.T. 0.00 min
 Lab File: BE100480.D
 Acq: 22 Jul 2019 14:28

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:276 Resp: 71440
 Ion Ratio Lower Upper
 276 100
 138 22.2 16.6 25.0
 277 25.0 19.1 28.7

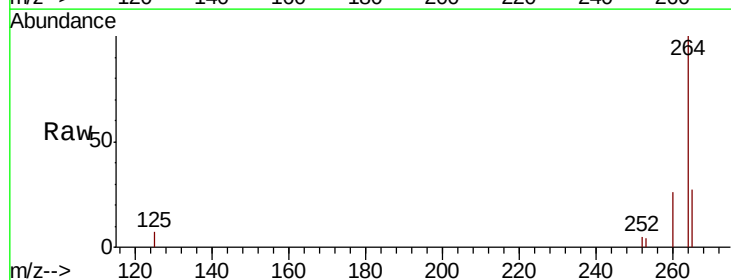


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

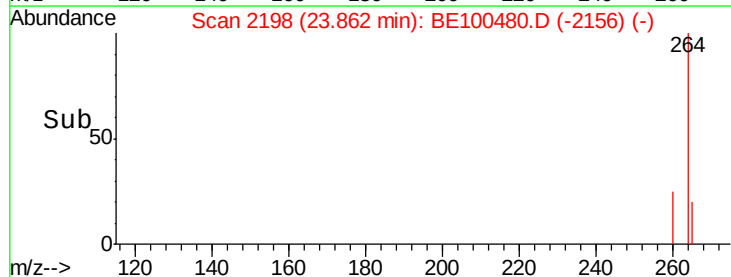
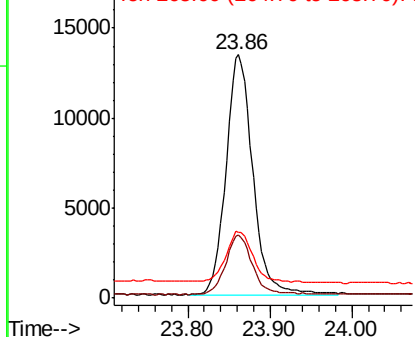


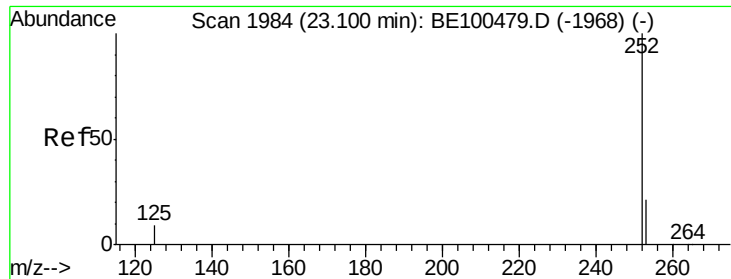
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: BE100480.D
 Acq: 22 Jul 2019 14:28

Tgt Ion:264 Resp: 30274
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.7 31.1
 265 27.1 23.4 35.2



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

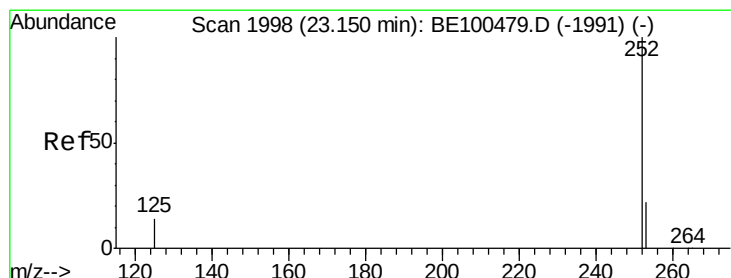
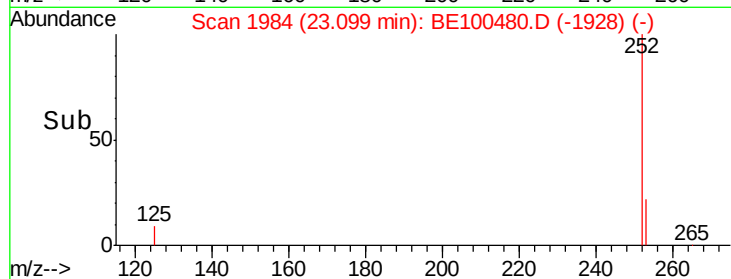
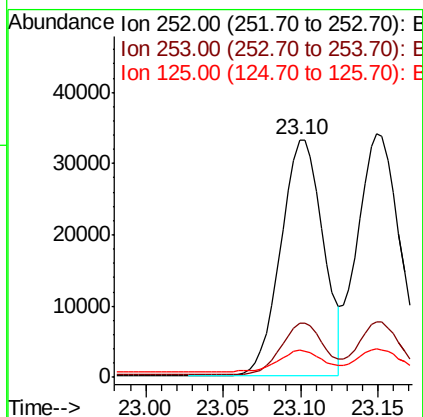
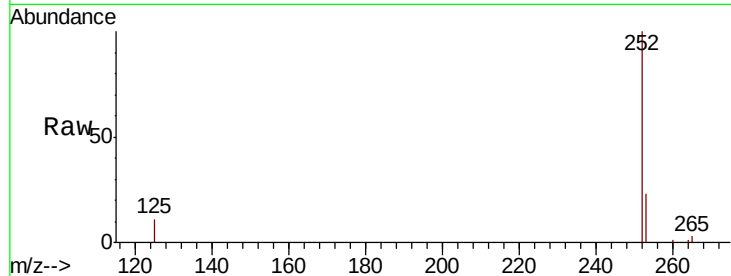




#35
Benzo(b)fluoranthene
Concen: 0.751 ng
RT: 23.10 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

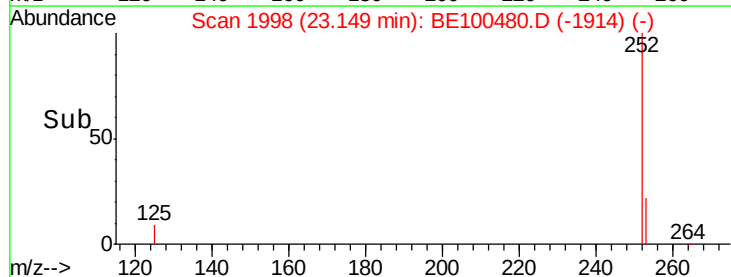
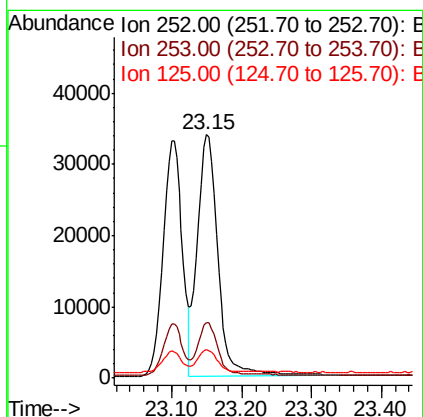
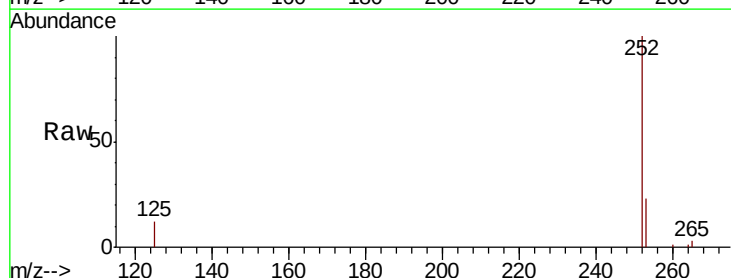
Instrument :
BNA_E
ClientSampleId :

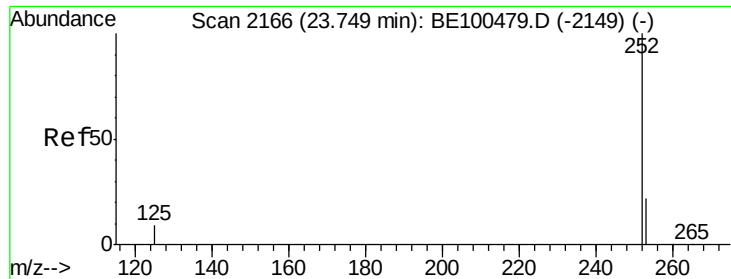
Tot Ion:252 Resp: 62791
Ion Ratio Lower Upper
252 100
253 22.7 19.2 28.8
125 11.3 11.9 17.9#



#36
Benzo(k)fluoranthene
Concen: 0.769 ng
RT: 23.15 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Tgt Ion:252 Resp: 68382
Ion Ratio Lower Upper
252 100
253 22.9 19.7 29.5
125 11.7 15.2 22.8#

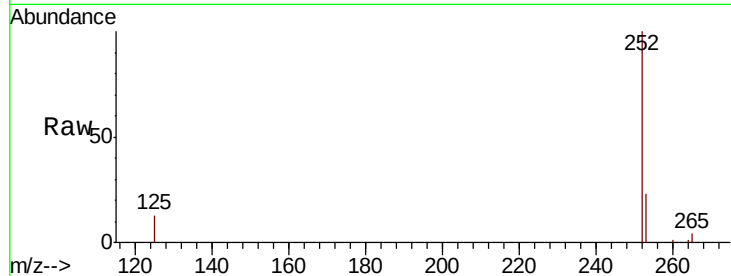




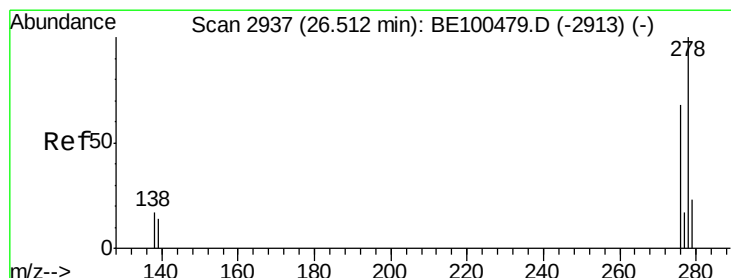
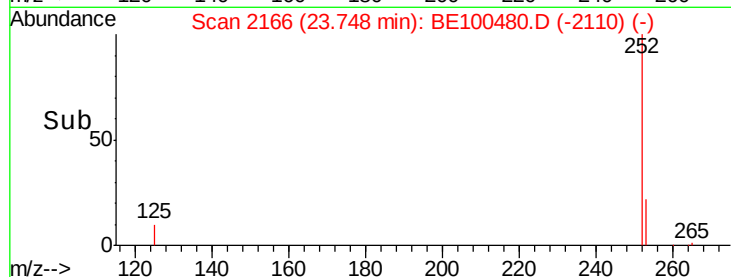
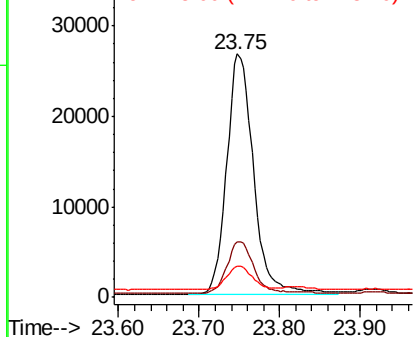
#37
Benzo(a)pyrene
Concen: 0.765 ng
RT: 23.75 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Instrument :
BNA_E
ClientSampleId :

Tot Ion:252 Resp: 61704
Ion Ratio Lower Upper
252 100
253 22.9 20.0 30.0
125 12.6 14.1 21.1#

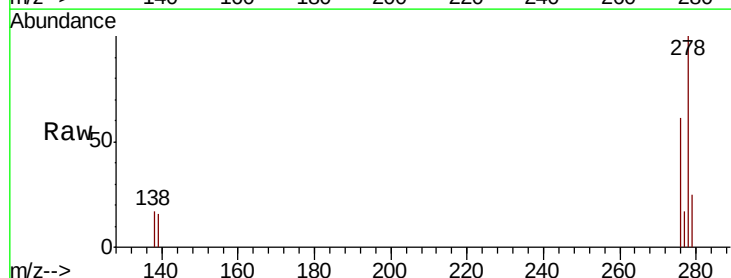


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

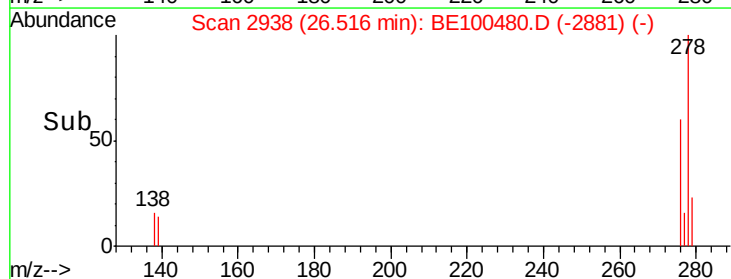
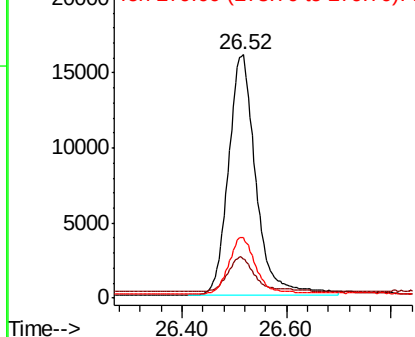


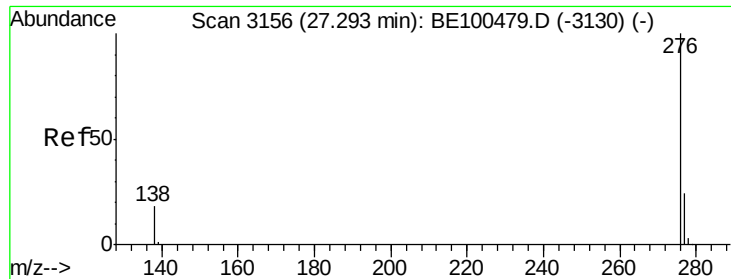
#38
Dibenzo(a,h)anthracene
Concen: 0.777 ng
RT: 26.52 min Scan# 2938
Delta R.T. 0.00 min
Lab File: BE100480.D
Acq: 22 Jul 2019 14:28

Tgt Ion:278 Resp: 59082
Ion Ratio Lower Upper
278 100
139 16.1 16.8 25.2#
279 24.9 21.8 32.8



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: 0.761 ng

RT: 27.29 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BE100480.D

Acq: 22 Jul 2019 14:28

Instrument :

BNA_E

ClientSampleId :

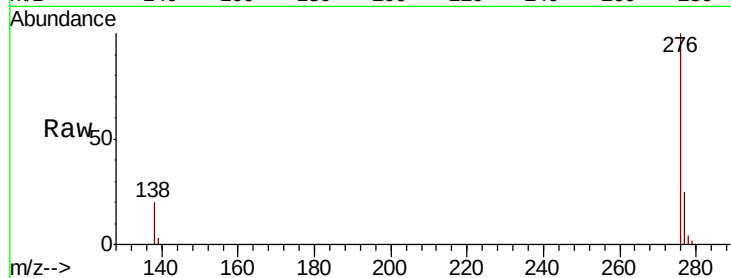
Tot Ion: 276 Resp: 59537

Ion Ratio Lower Upper

276 100

277 24.8 22.0 33.0

138 20.1 17.3 25.9



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

