

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071919\
 Data File : BE100463.D
 Acq On : 19 Jul 2019 9:59
 Operator : HP/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 19 13:33:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 13:27:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2454	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	9730	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	5941	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	16630	0.40	ng	0.01
27) Chrysene-d12	21.38	240	22768	0.40	ng	0.00
34) Perylene-d12	23.86	264	24338	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	1223	0.26	ng	0.00
5) Phenol-d6	7.04	99	1685	0.24	ng	0.00
8) Nitrobenzene-d5	9.02	82	1424	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	3071	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	419	0.31	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	5032	0.19	ng	0.00
25) Fluoranthene-d10	19.24	212	45965	0.23	ng	0.00
29) Terphenyl-d14	19.84	244	10074	0.18	ng	0.00

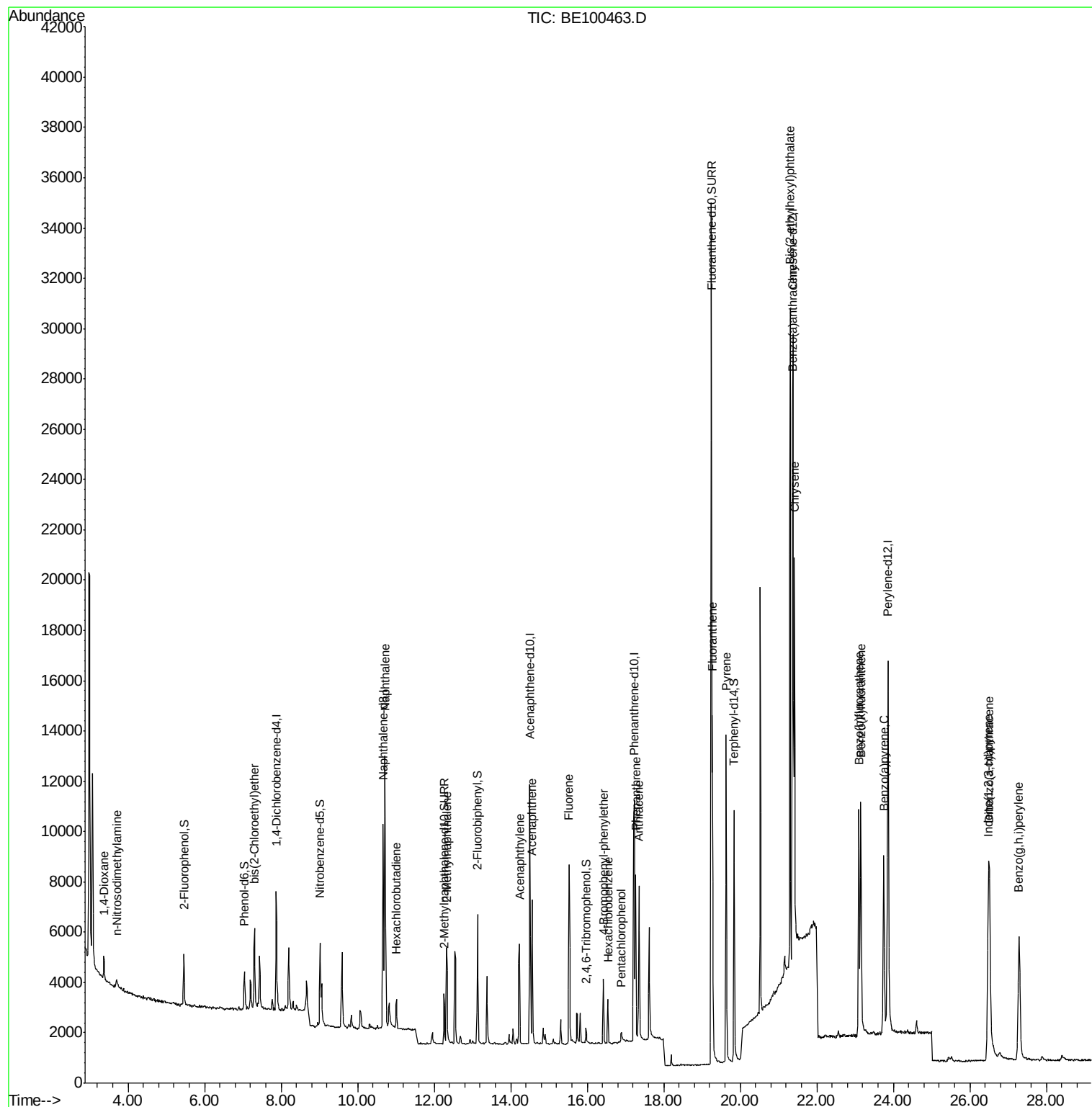
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	837	0.231	ng	# 90
3) n-Nitrosodimethylamine	3.71	42	304	0.143	ng	# 75
6) bis(2-Chloroethyl)ether	7.30	93	1528	0.219	ng	91
9) Naphthalene	10.72	128	18428	0.194	ng	99
10) Hexachlorobutadiene	11.02	225	890	0.194	ng	98
12) 2-Methylnaphthalene	12.33	142	3076	0.194	ng	96
16) Acenaphthylene	14.23	152	5256	0.219	ng	98
17) Acenaphthene	14.56	154	3184	0.193	ng	97
18) Fluorene	15.53	166	4179	0.196	ng	97
20) 4-Bromophenyl-phenylether	16.42	248	1430	0.165	ng	95
21) Hexachlorobenzene	16.54	284	1583	0.156	ng	99
22) Pentachlorophenol	16.89	266	447	0.252	ng	98
23) Phenanthrene	17.27	178	8054	0.182	ng	99
24) Anthracene	17.35	178	7125	0.195	ng	99
26) Fluoranthene	19.27	202	12027	0.214	ng	99
28) Pyrene	19.63	202	12680	0.190	ng	99
30) Benzo(a)anthracene	21.37	228	13570	0.220	ng	98
31) Chrysene	21.42	228	13511	0.184	ng	99
32) Bis(2-ethylhexyl)phthalate	21.31	149	31612	0.713	ng	100
33) Indeno(1,2,3-cd)pyrene	26.48	276	15116	0.232	ng	# 85
35) Benzo(b)fluoranthene	23.10	252	13098	0.176	ng	# 95
36) Benzo(k)fluoranthene	23.15	252	13658	0.174	ng	96
37) Benzo(a)pyrene	23.75	252	12783	0.209	ng	# 95
38) Dibenzo(a,h)anthracene	26.52	278	12067	0.185	ng	94
39) Benzo(g,h,i)perylene	27.29	276	12601	0.185	ng	97

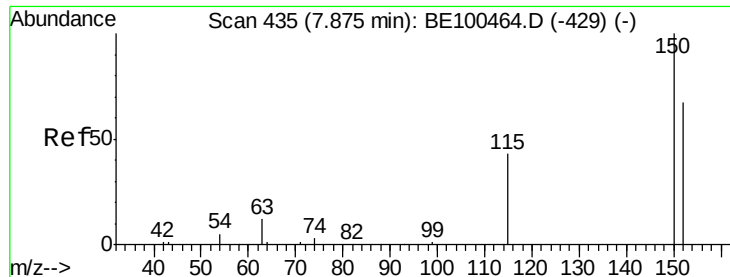
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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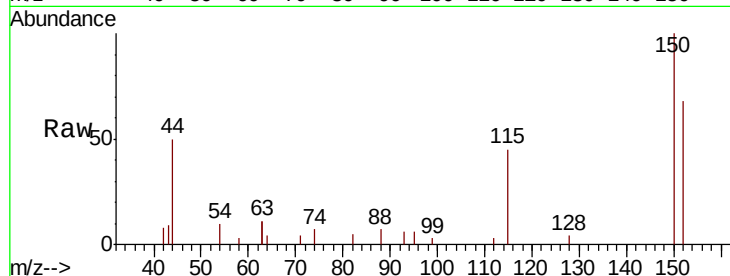


#1

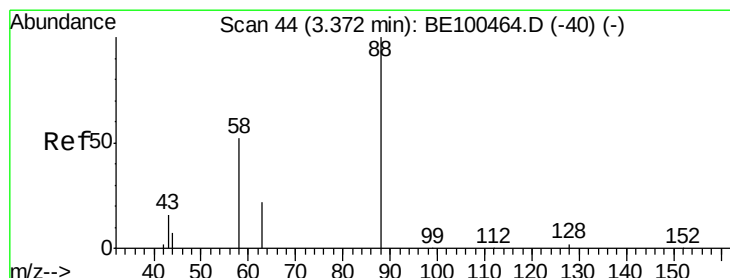
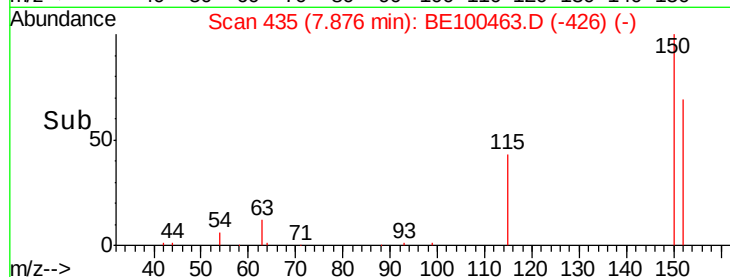
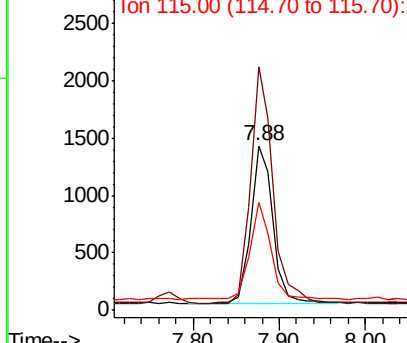
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.88 min Scan# 435
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Instrument :
BNA_E
ClientSampled :

Tot Ion:152 Resp: 2454
Ion Ratio Lower Upper
152 100
150 147.8 117.6 176.4
115 65.8 54.9 82.3



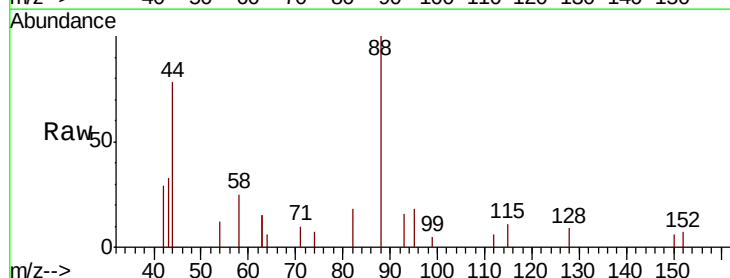
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



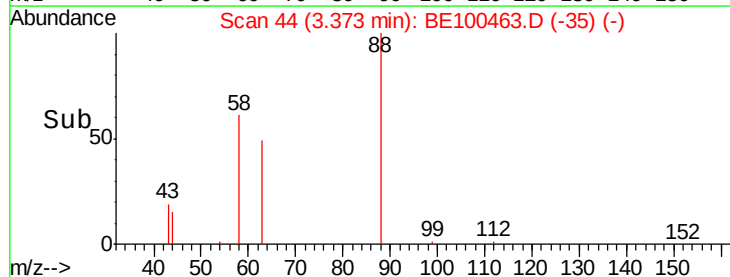
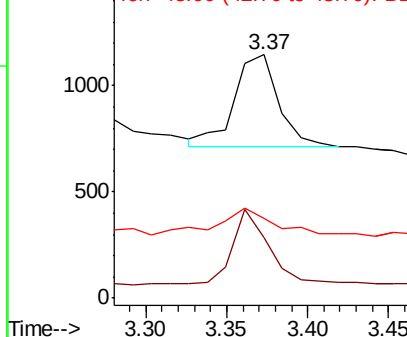
#2

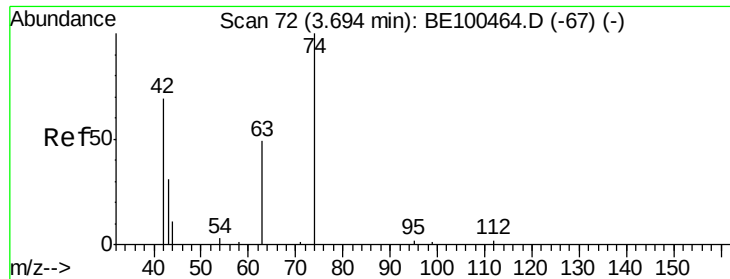
1,4-Dioxane
Concen: 0.231 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Tgt Ion: 88 Resp: 837
Ion Ratio Lower Upper
88 100
58 65.6 50.2 75.4
43 36.6 19.1 28.7#



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: 0.143 ng

RT: 3.71 min Scan# 73

Delta R.T. 0.01 min

Lab File: BE100463.D

Acq: 19 Jul 2019 9:59

Instrument :

BNA_E

ClientSampled :

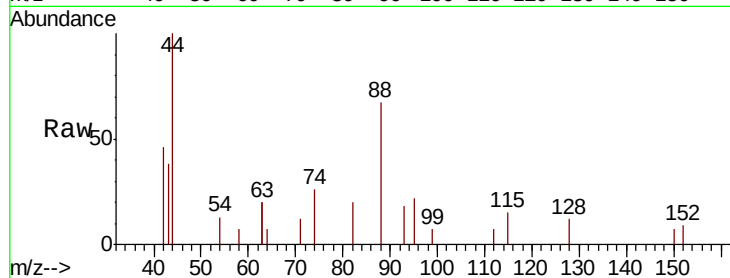
Tot Ion: 42 Resp: 304

Ion Ratio Lower Upper

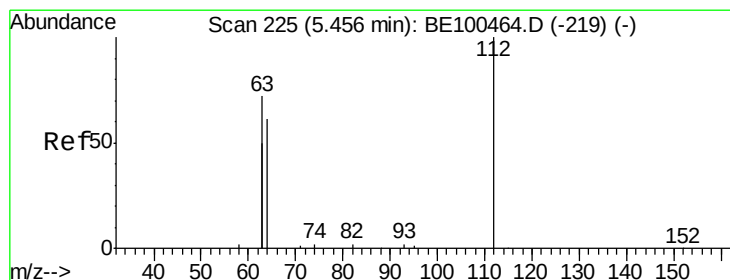
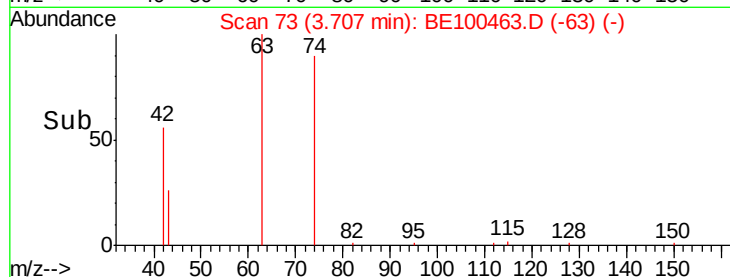
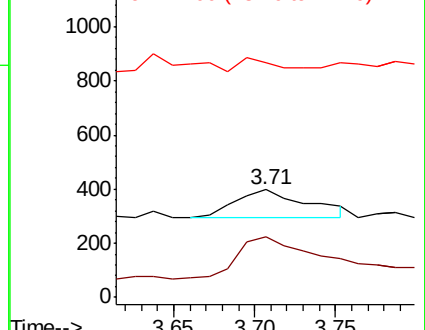
42 100

74 161.5 105.8 158.8#

44 25.0 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: 0.262 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.00 min

Lab File: BE100463.D

Acq: 19 Jul 2019 9:59

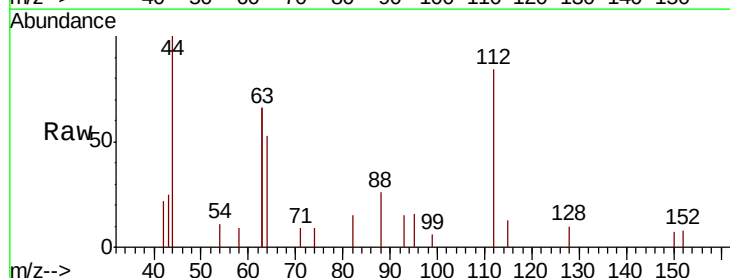
Tgt Ion: 112 Resp: 1223

Ion Ratio Lower Upper

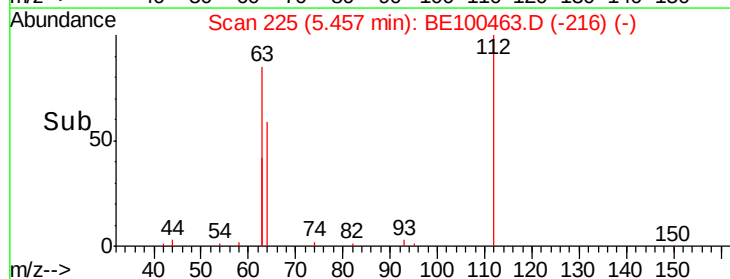
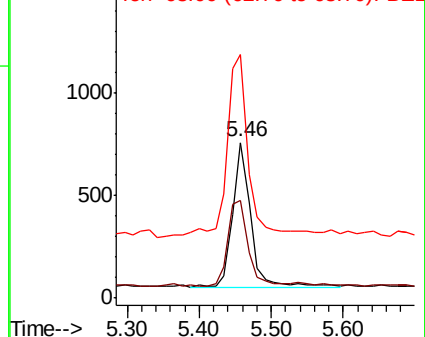
112 100

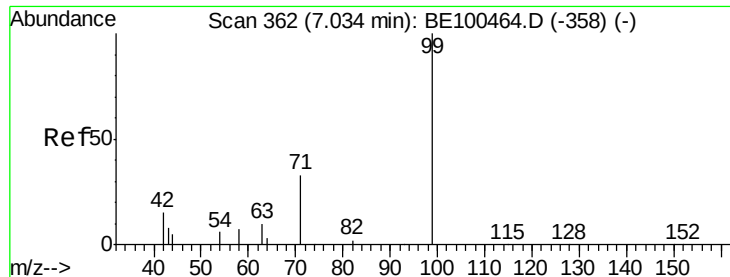
64 67.2 51.9 77.9

63 143.7 103.9 155.9



Abundance Ion 112.00 (111.70 to 112.70): BE1
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.244 ng

RT: 7.04 min Scan# 362

Delta R.T. 0.00 min

Lab File: BE100463.D

Acq: 19 Jul 2019 9:59

Instrument :

BNA_E

ClientSampled :

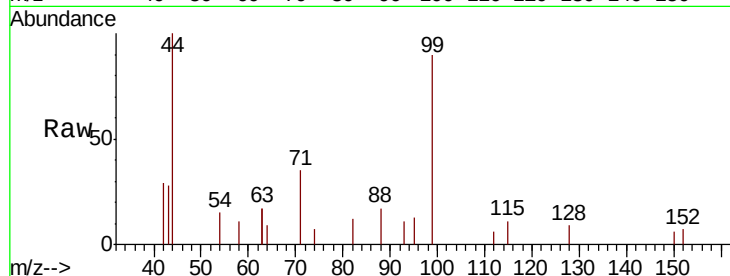
Tot Ion: 99 Resp: 1685

Ion Ratio Lower Upper

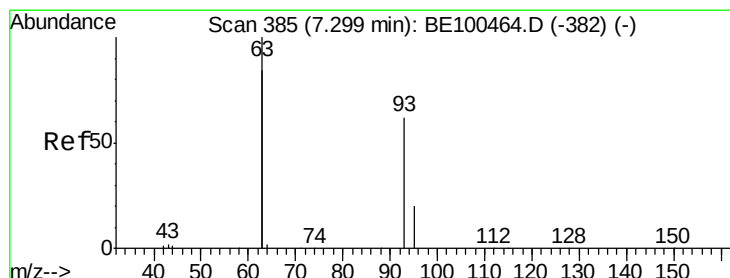
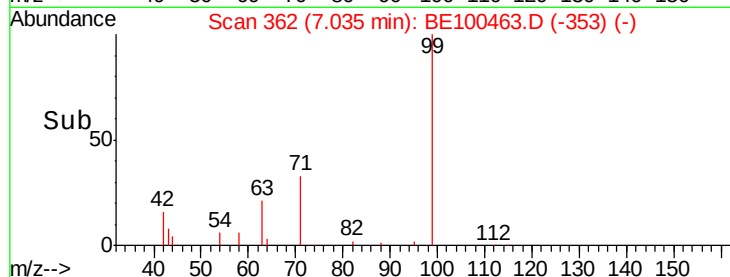
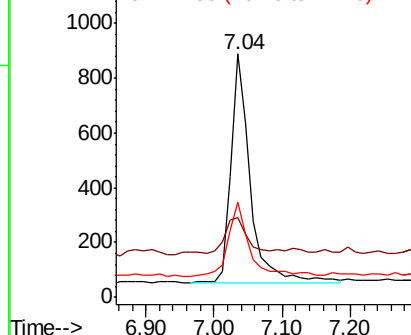
99 100

42 16.4 16.2 24.4

71 33.9 26.0 39.0



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: 0.219 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE100463.D

Acq: 19 Jul 2019 9:59

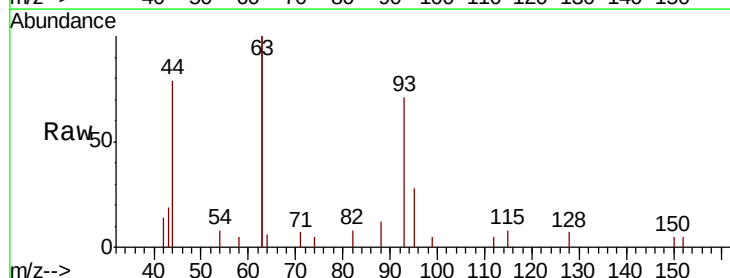
Tgt Ion: 93 Resp: 1528

Ion Ratio Lower Upper

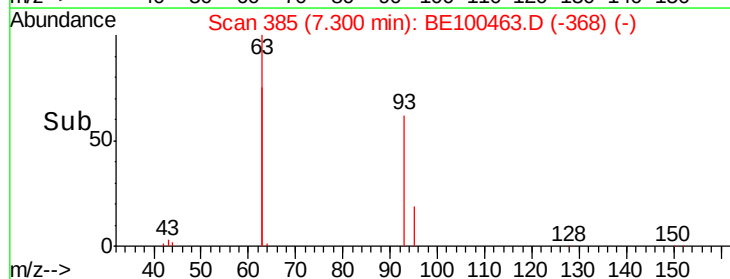
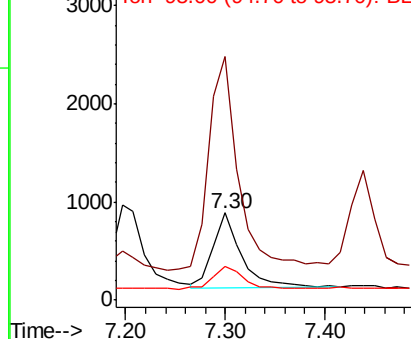
93 100

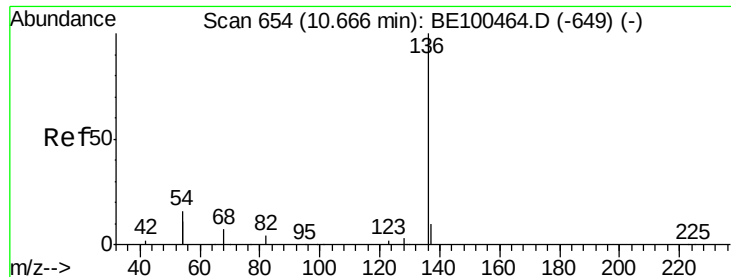
63 291.9 248.4 372.6

95 33.1 24.7 37.1



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: BE100463.D

Acq: 19 Jul 2019 9:59

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 9730

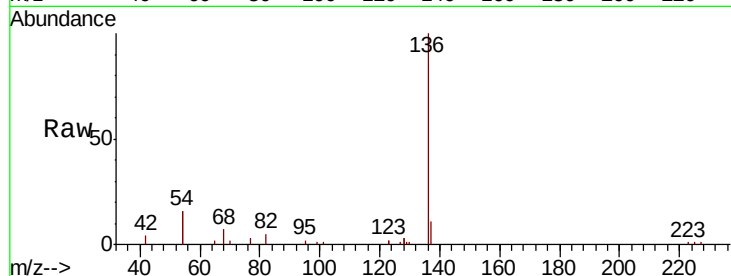
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 32.1 26.2 39.2

68 7.2 6.5 9.7

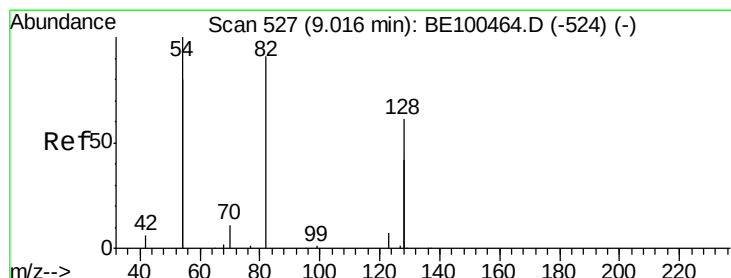
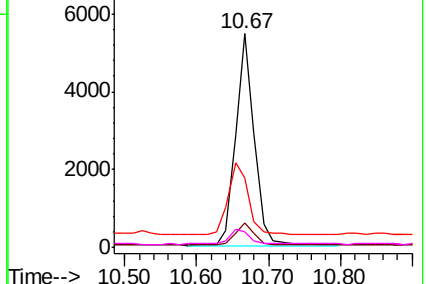
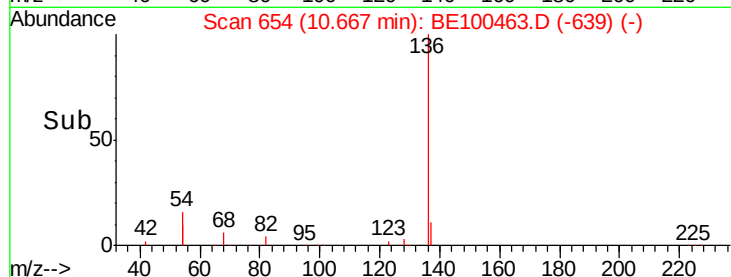


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.265 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE100463.D

Acq: 19 Jul 2019 9:59

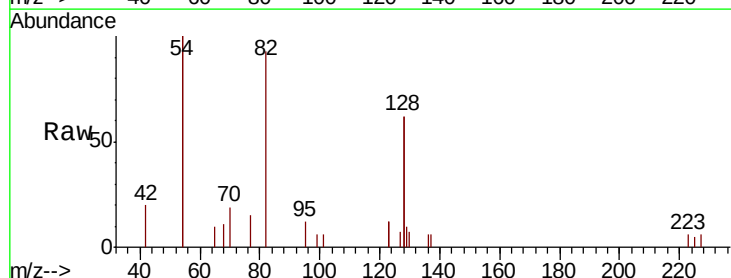
Tgt Ion: 82 Resp: 1424

Ion Ratio Lower Upper

82 100

128 135.0 100.7 151.1

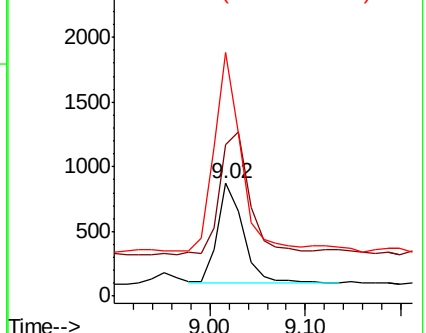
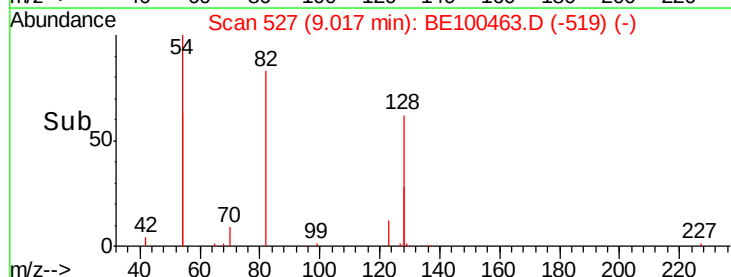
54 216.1 164.4 246.6

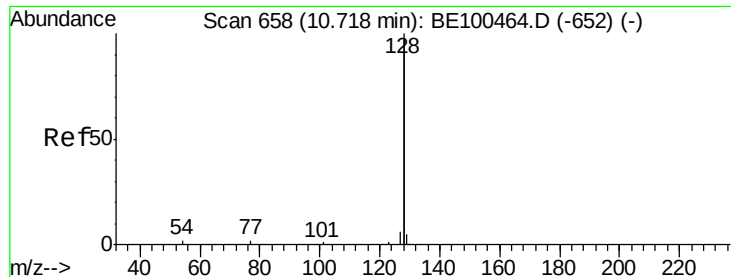


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.194 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.00 min

Lab File: BE100463.D

Acq: 19 Jul 2019 9:59

Instrument :

BNA_E

ClientSampleId :

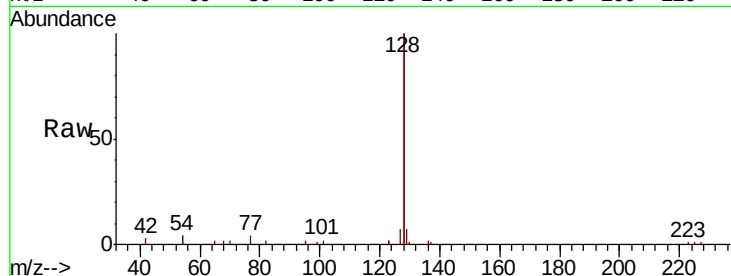
Tot Ion:128 Resp: 18428

Ion Ratio Lower Upper

128 100

129 3.5 2.4 3.6

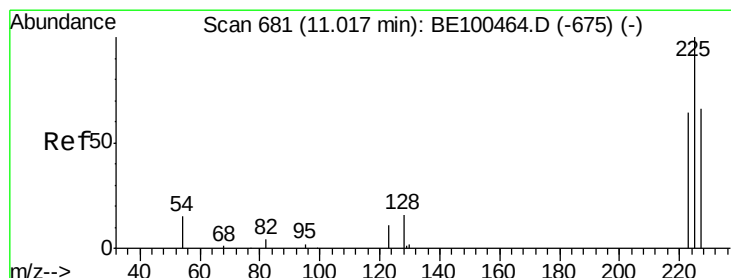
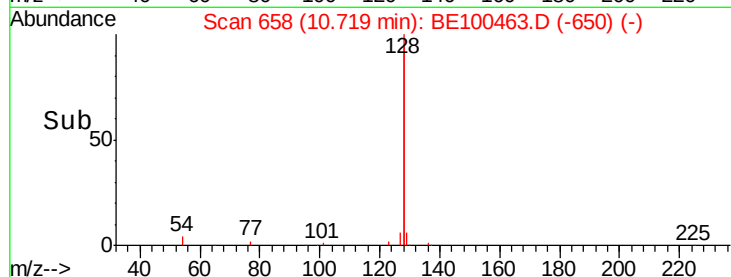
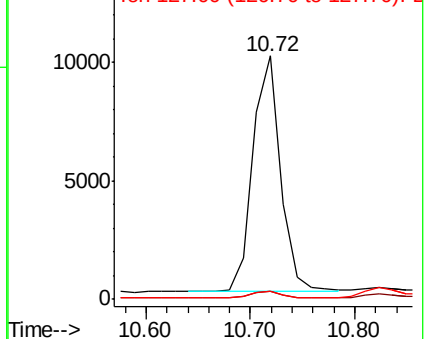
127 3.6 2.6 4.0



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: 0.194 ng

RT: 11.02 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE100463.D

Acq: 19 Jul 2019 9:59

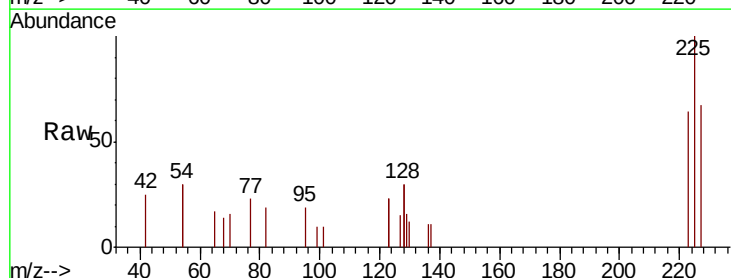
Tgt Ion:225 Resp: 890

Ion Ratio Lower Upper

225 100

223 63.3 51.7 77.5

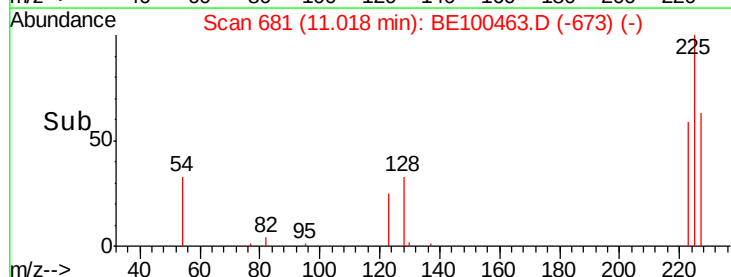
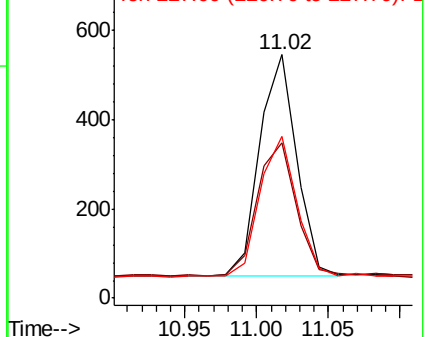
227 65.2 50.9 76.3

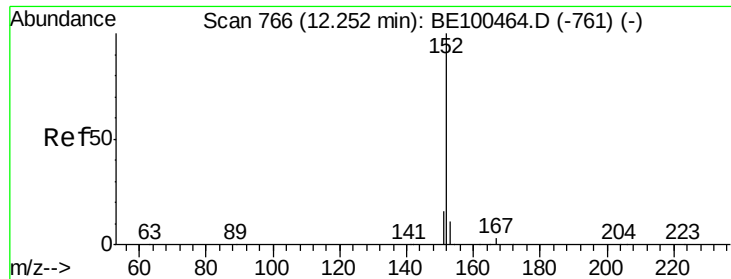


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

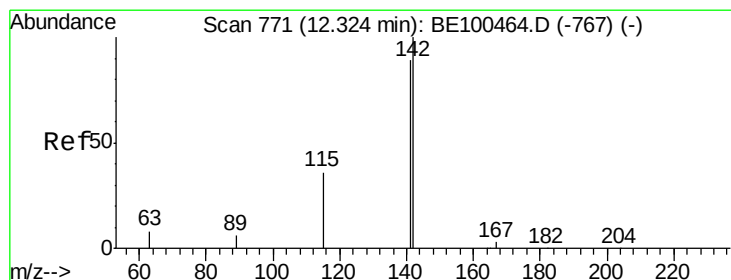
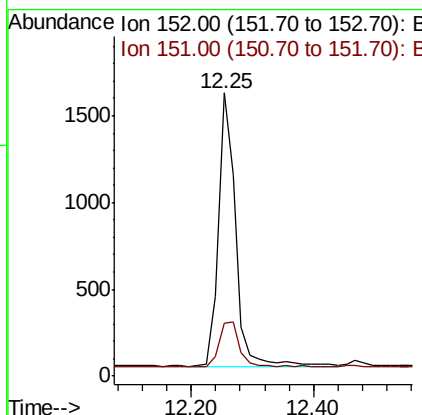
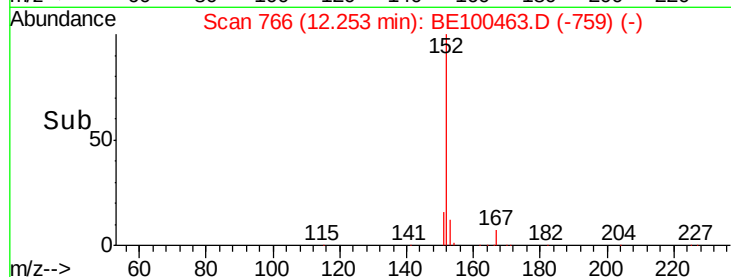
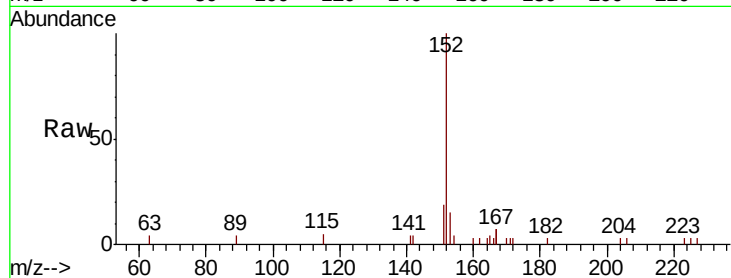




#11
 2-Methylnaphthalene-d10
 Concen: 0.209 ng
 RT: 12.25 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BE100463.D
 Acq: 19 Jul 2019 9:59

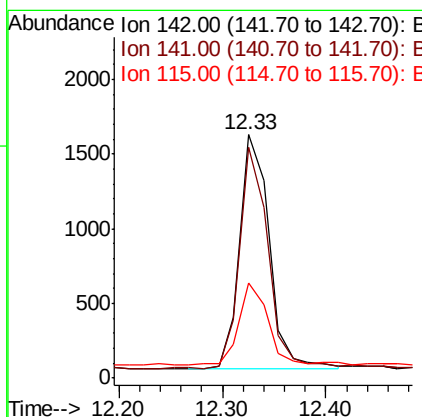
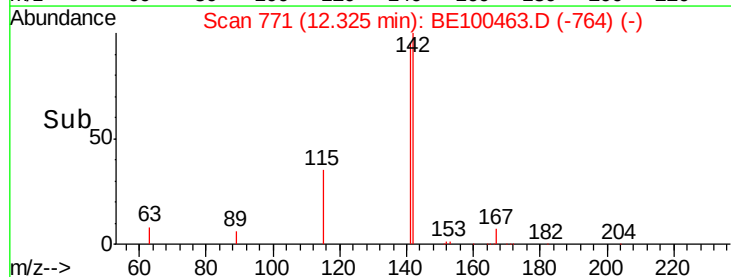
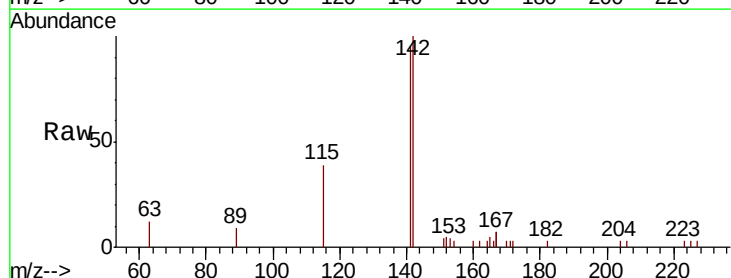
Instrument :
 BNA_E
 ClientSampleId :

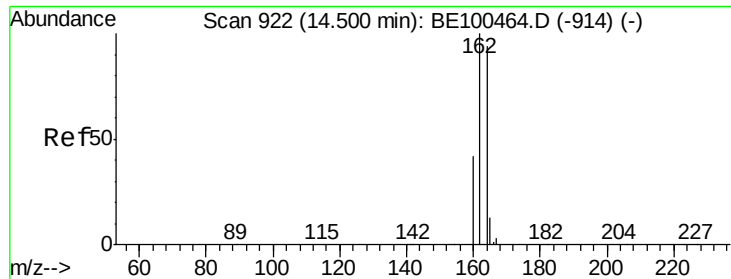
Tot Ion:152 Resp: 3071
 Ion Ratio Lower Upper
 152 100
 151 19.5 15.8 23.6



#12
 2-Methylnaphthalene
 Concen: 0.194 ng
 RT: 12.33 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BE100463.D
 Acq: 19 Jul 2019 9:59

Tgt Ion:142 Resp: 3076
 Ion Ratio Lower Upper
 142 100
 141 94.8 71.7 107.5
 115 38.9 30.4 45.6

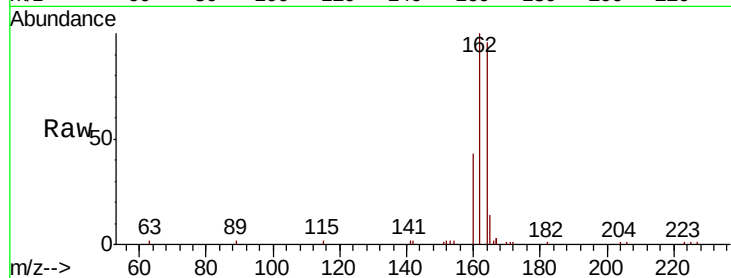




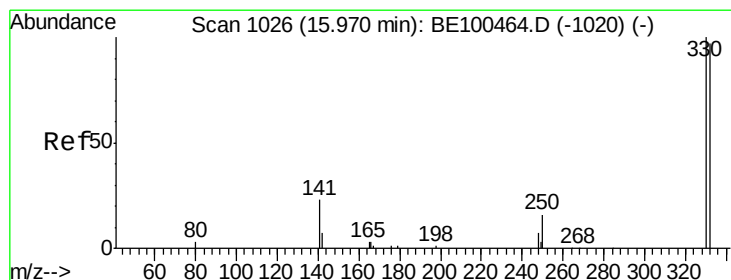
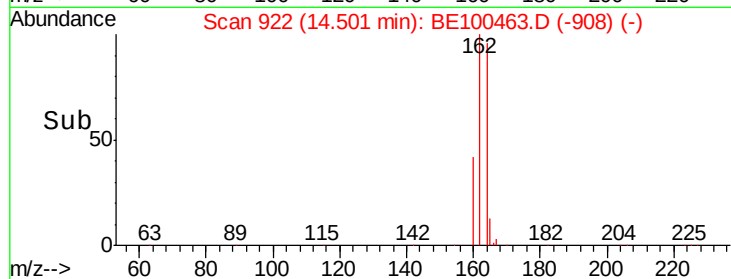
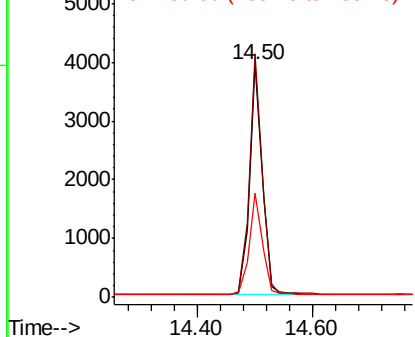
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.50 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BE100463.D
 Acq: 19 Jul 2019 9:59

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:164 Resp: 5941
 Ion Ratio Lower Upper
 164 100
 162 104.6 85.0 127.6
 160 44.9 36.2 54.2

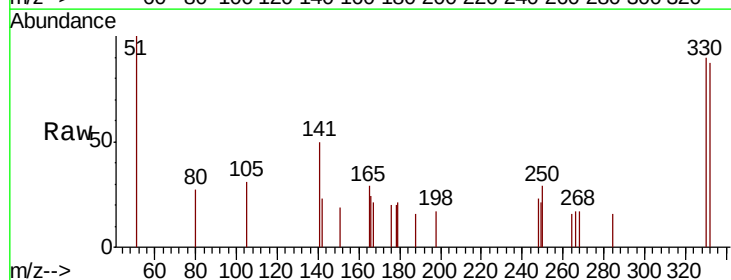


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

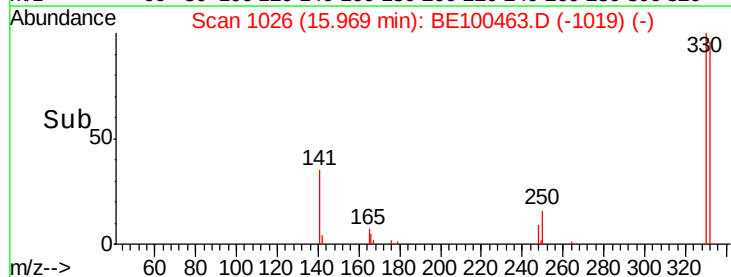
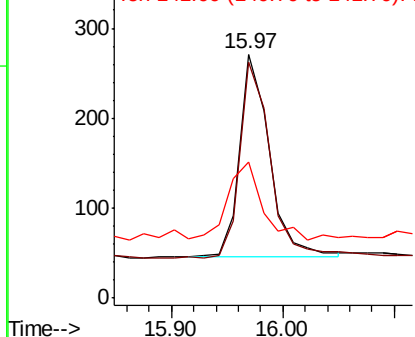


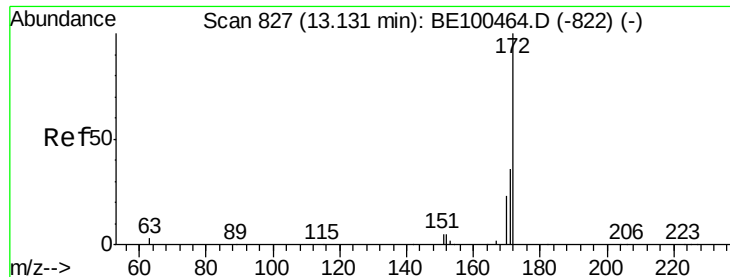
#14
 2,4,6-Tribromophenol
 Concen: 0.312 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BE100463.D
 Acq: 19 Jul 2019 9:59

Tgt Ion:330 Resp: 419
 Ion Ratio Lower Upper
 330 100
 332 103.1 76.3 114.5
 141 44.6 29.4 44.2#



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

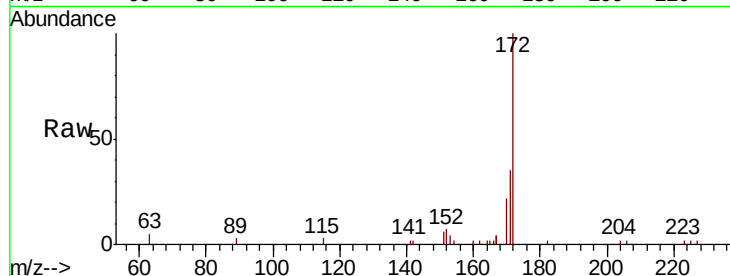




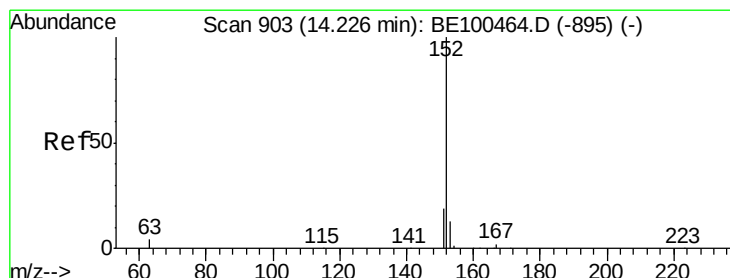
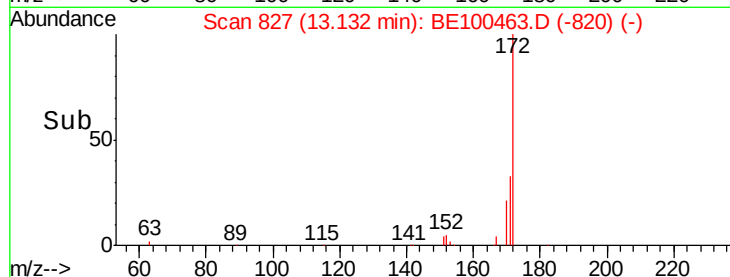
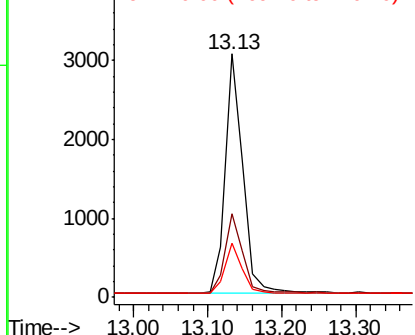
#15
2-Fluorobiphenyl
Concen: 0.189 ng
RT: 13.13 min Scan# 827
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 5032
Ion Ratio Lower Upper
172 100
171 34.6 29.2 43.8
170 22.2 18.8 28.2

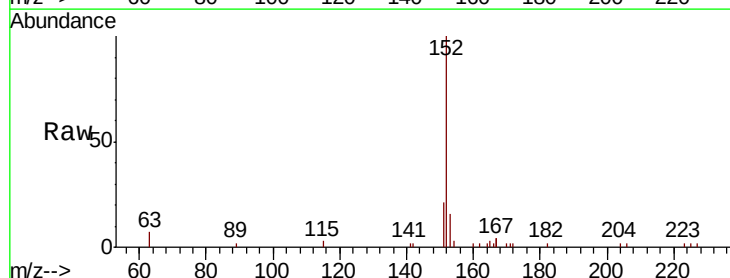


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

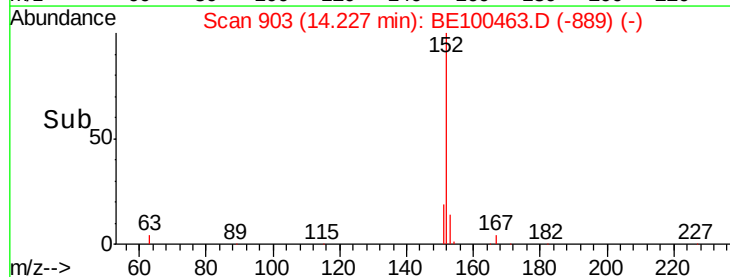
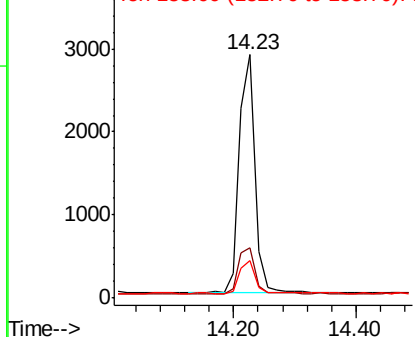


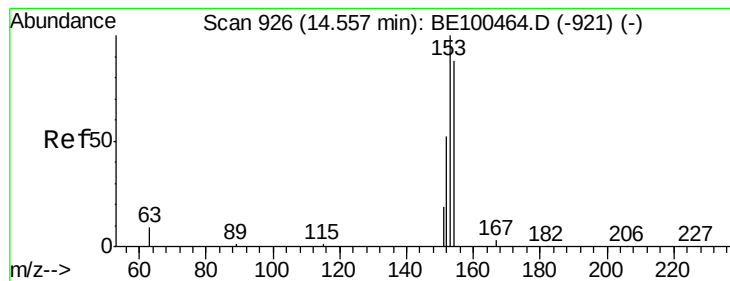
#16
Acenaphthylene
Concen: 0.219 ng
RT: 14.23 min Scan# 903
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Tgt Ion:152 Resp: 5256
Ion Ratio Lower Upper
152 100
151 20.1 15.5 23.3
153 13.9 10.6 15.8



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: 0.193 ng

RT: 14.56 min Scan# 926

Delta R.T. 0.00 min

Lab File: BE100463.D

Acq: 19 Jul 2019 9:59

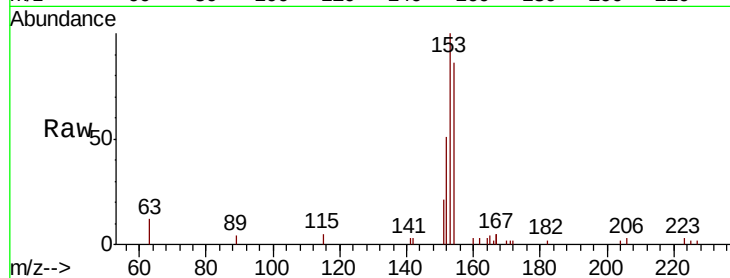
Instrument :

BNA_E

ClientSampleId :

Tot Ion:154 Resp: 3184

Ion	Ratio	Lower	Upper
154	100		
153	115.1	89.4	134.2
152	57.6	44.4	66.6

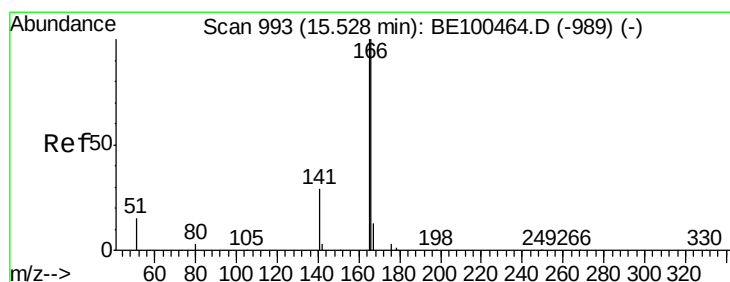
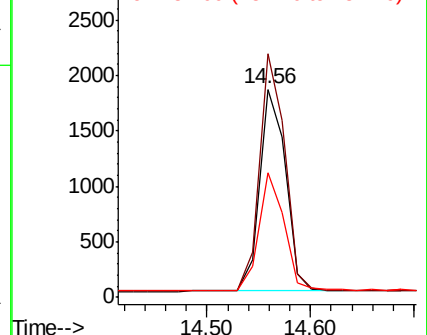
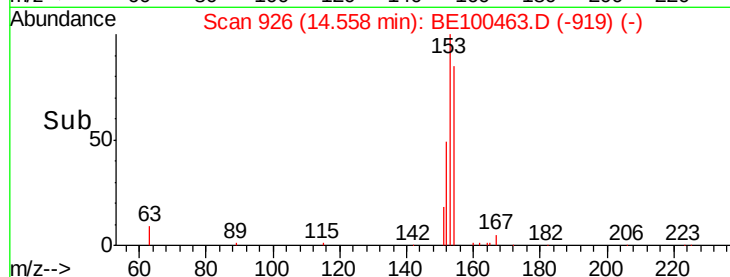


Abundance

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: 0.196 ng

RT: 15.53 min Scan# 993

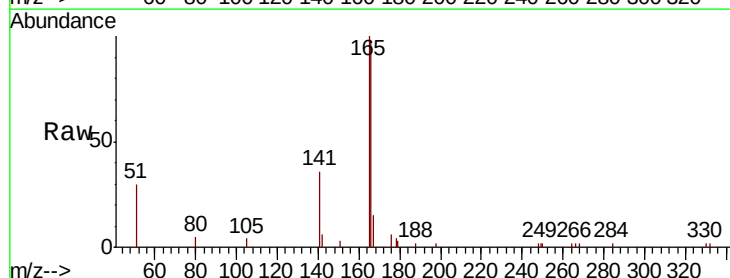
Delta R.T. -0.00 min

Lab File: BE100463.D

Acq: 19 Jul 2019 9:59

Tgt Ion:166 Resp: 4179

Ion	Ratio	Lower	Upper
166	100		
165	103.1	79.8	119.8
167	14.1	10.4	15.6

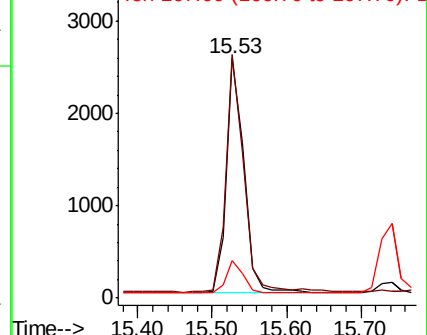
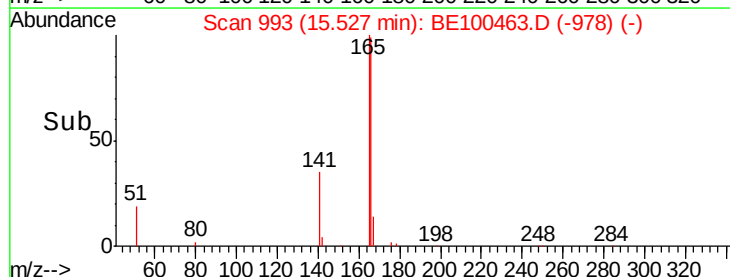


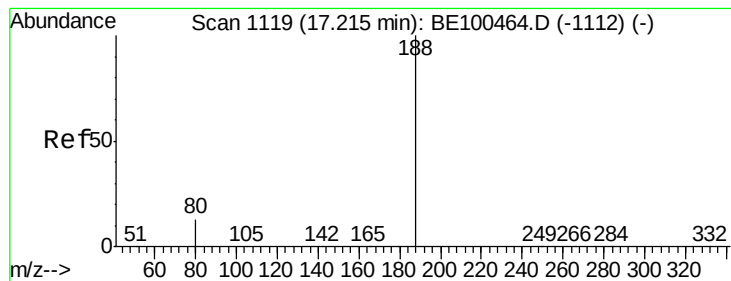
Abundance

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: 17.23 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BE100463.D

Acq: 19 Jul 2019 9:59

Instrument :

BNA_E

ClientSampleId :

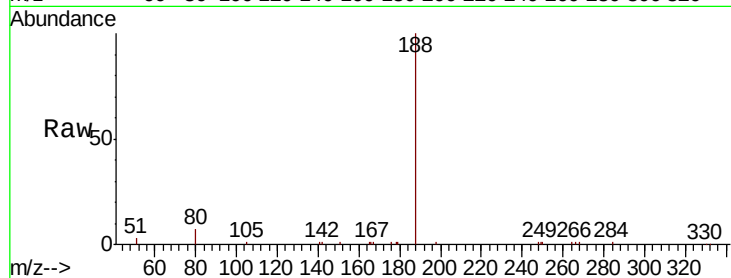
Tot Ion:188 Resp: 16630

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

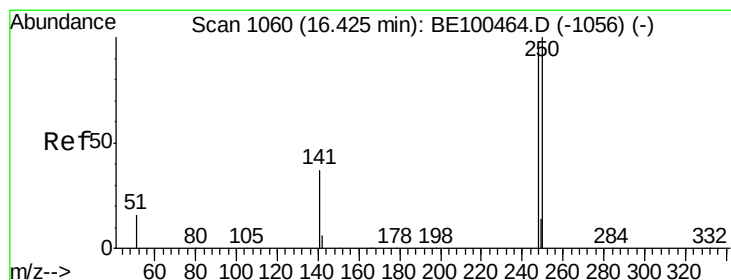
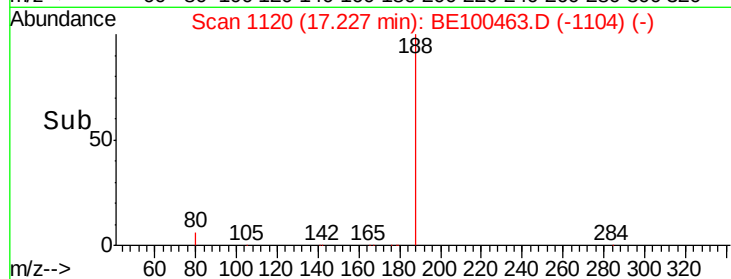
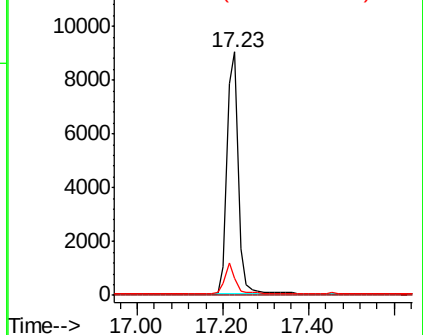
80 6.9 10.7 16.1#



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: 0.165 ng

RT: 16.42 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE100463.D

Acq: 19 Jul 2019 9:59

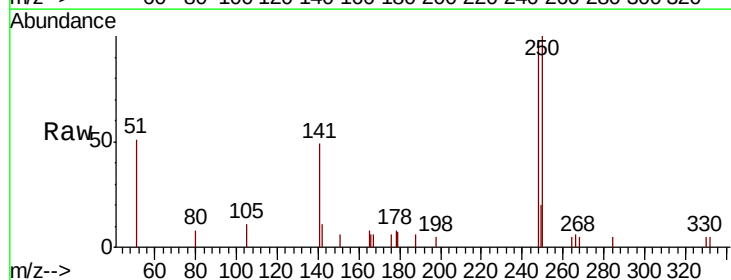
Tgt Ion:248 Resp: 1430

Ion Ratio Lower Upper

248 100

250 102.5 83.9 125.9

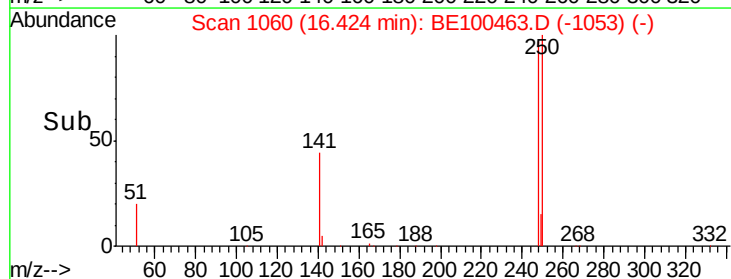
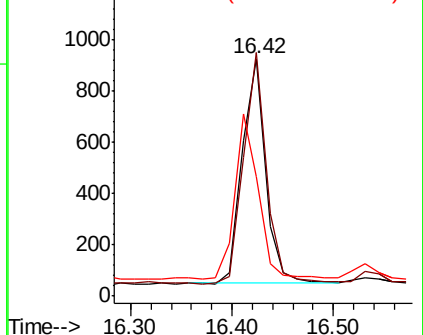
141 50.0 33.7 50.5

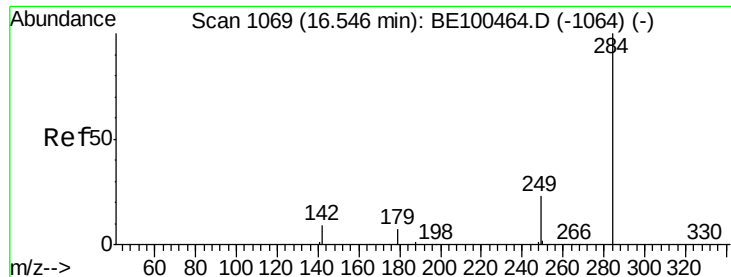


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

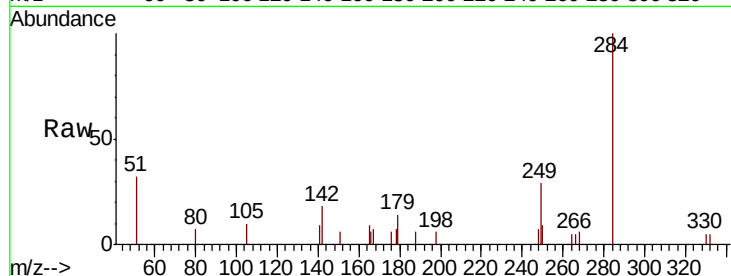




#21
Hexachlorobenzene
Concen: 0.156 ng
RT: 16.54 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Instrument :
BNA_E
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.2	27.4	41.2
249	31.1	25.1	37.7

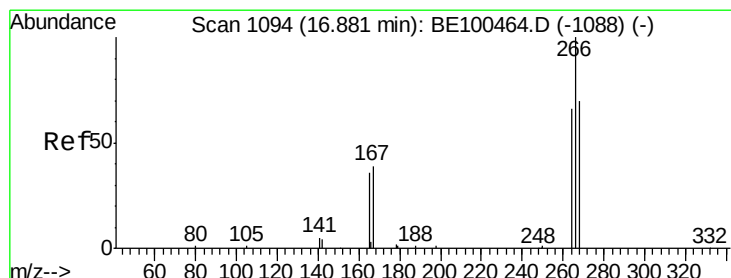
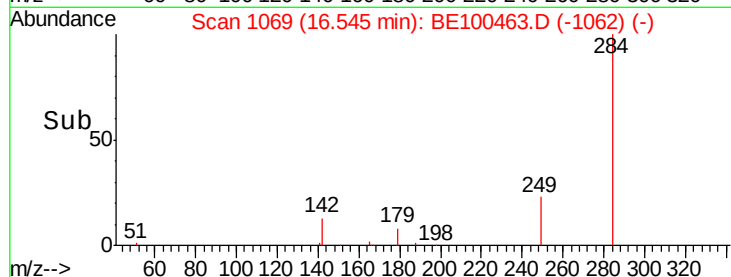
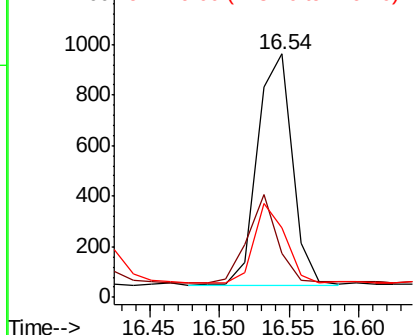


Abundance

Ion 283.80 (283.50 to 284.50): E

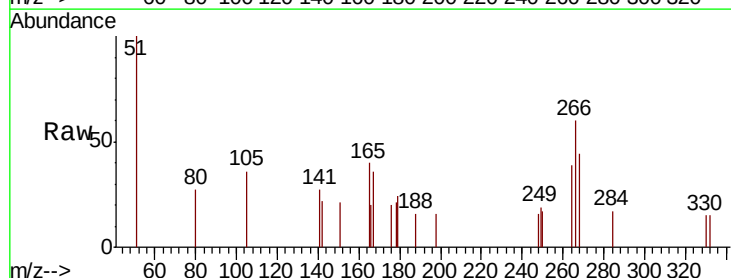
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 0.252 ng
RT: 16.89 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.9	55.5	83.3
268	73.6	59.2	88.8

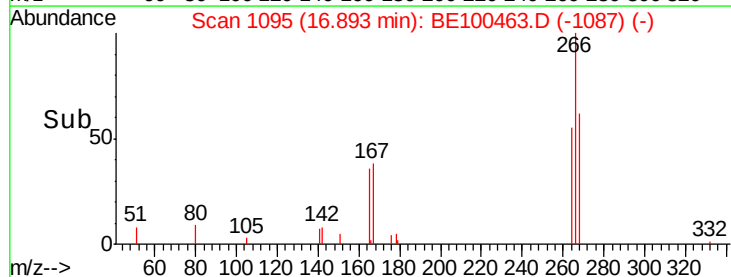
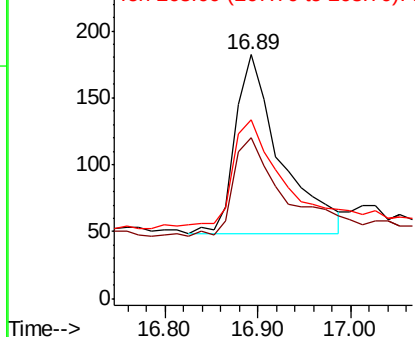


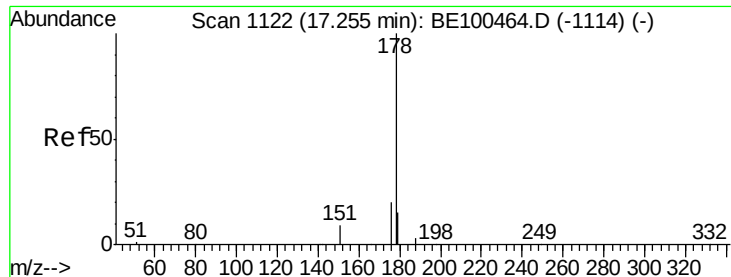
Abundance

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: 0.182 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BE100463.D

Acq: 19 Jul 2019 9:59

Instrument :

BNA_E

ClientSampleId :

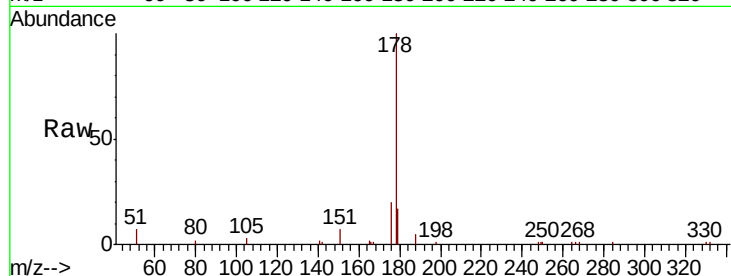
Tot Ion:178 Resp: 8054

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

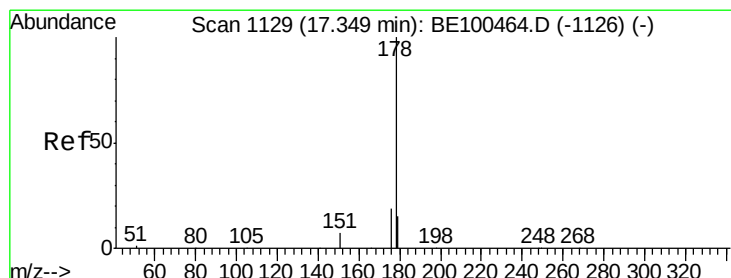
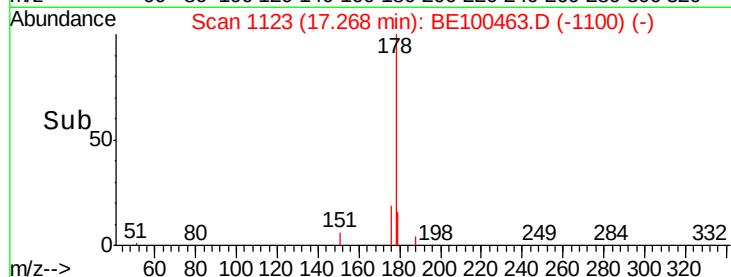
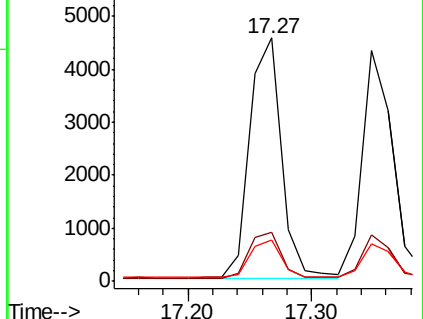
179 15.9 12.5 18.7



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: 0.195 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BE100463.D

Acq: 19 Jul 2019 9:59

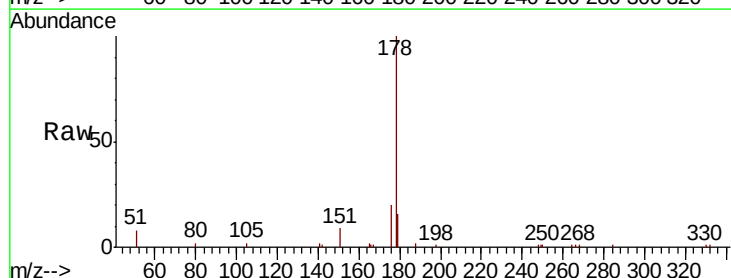
Tgt Ion:178 Resp: 7125

Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.6

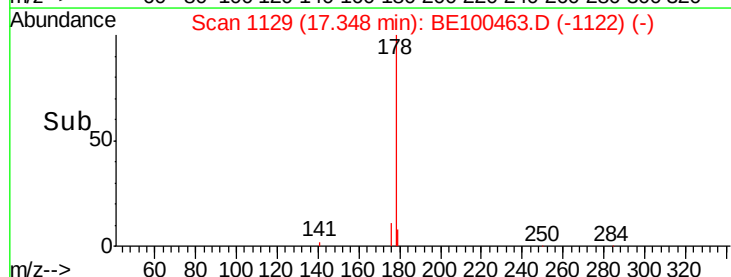
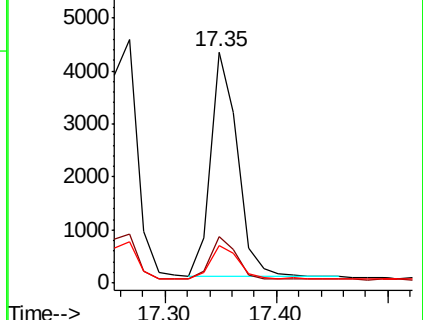
179 15.1 12.2 18.2

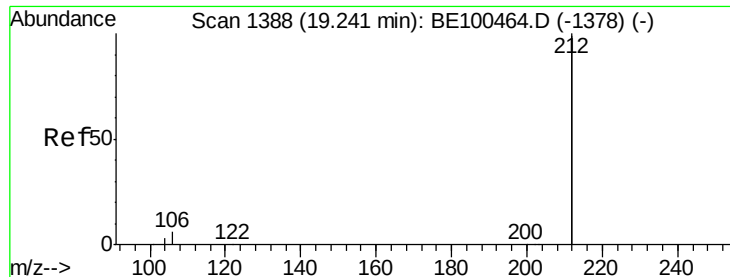


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

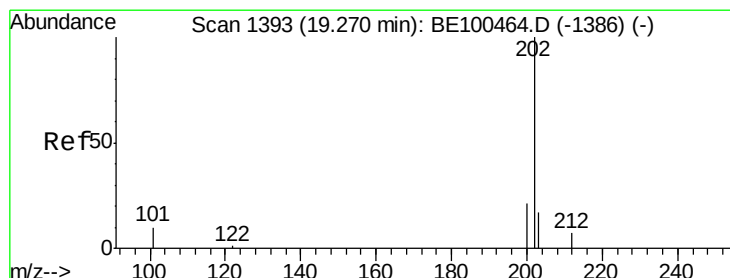
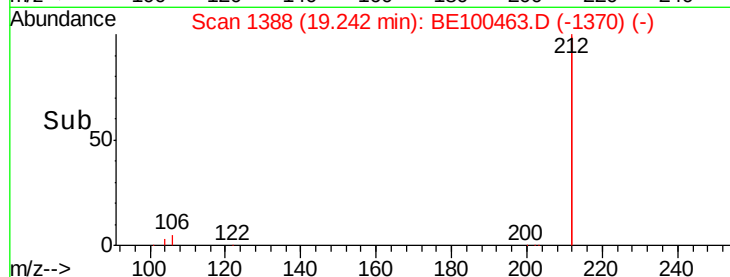
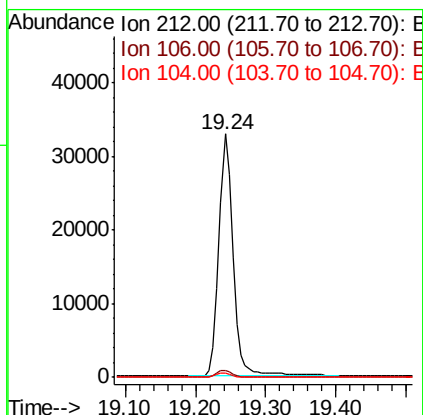
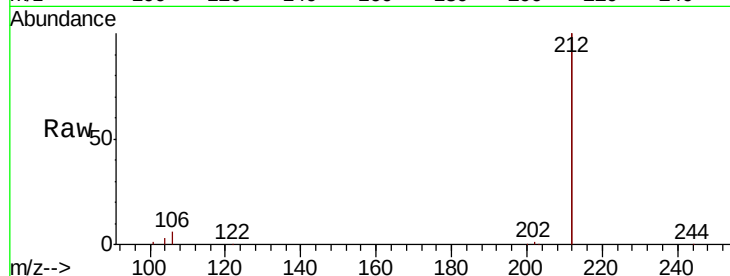




#25
 Fluoranthene-d10
 Concen: 0.232 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BE100463.D
 Acq: 19 Jul 2019 9:59

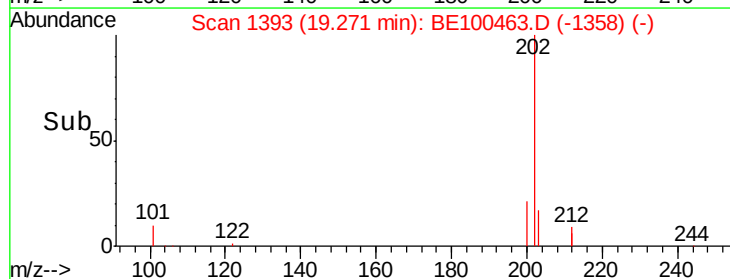
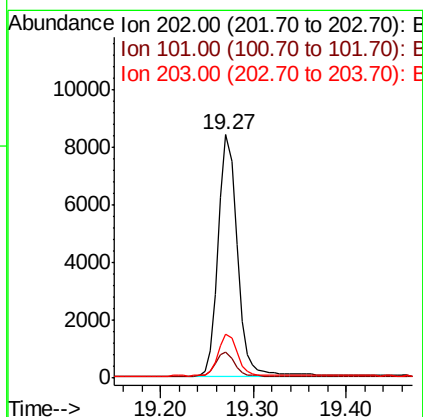
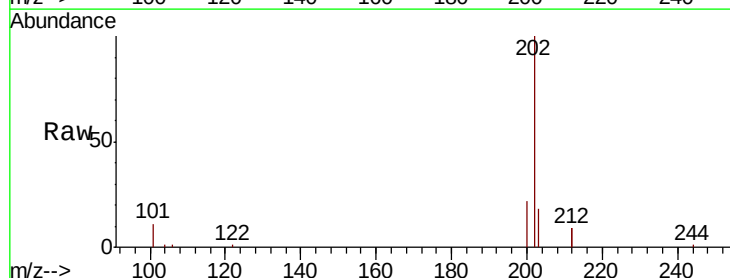
Instrument :
 BNA_E
 ClientSampleId :

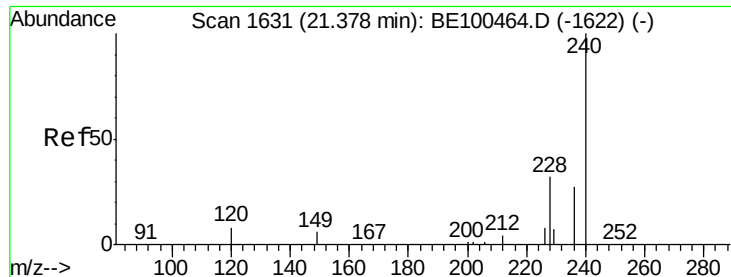
Tot Ion:212 Resp: 45965
 Ion Ratio Lower Upper
 212 100
 106 2.8 2.2 3.2
 104 1.5 1.2 1.8



#26
 Fluoranthene
 Concen: 0.214 ng
 RT: 19.27 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: BE100463.D
 Acq: 19 Jul 2019 9:59

Tgt Ion:202 Resp: 12027
 Ion Ratio Lower Upper
 202 100
 101 10.0 8.3 12.5
 203 17.2 13.6 20.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BE100463.D

Acq: 19 Jul 2019 9:59

Instrument :

BNA_E

ClientSampleId :

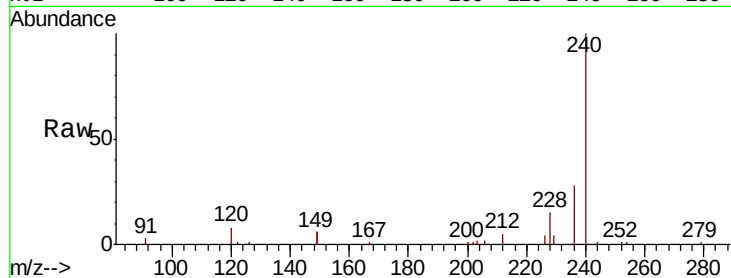
Tot Ion:240 Resp: 22768

Ion Ratio Lower Upper

240 100

120 7.7 7.1 10.7

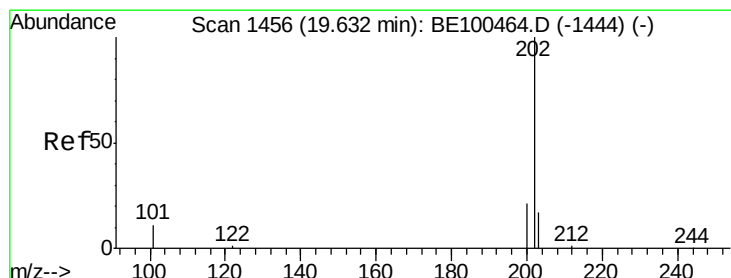
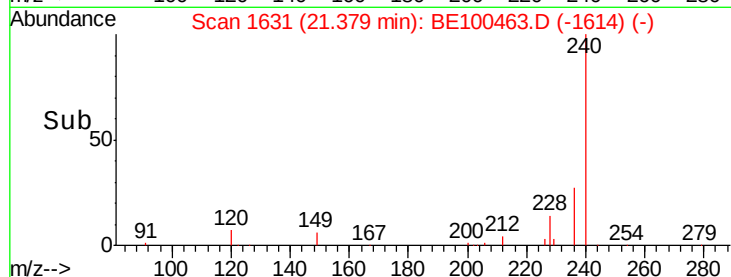
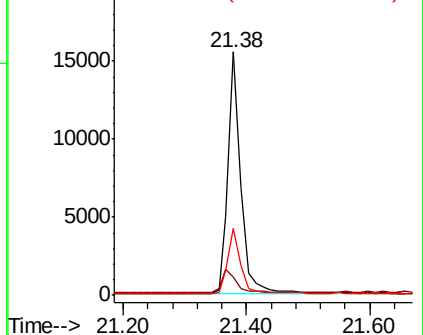
236 27.6 21.7 32.5



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: 0.190 ng

RT: 19.63 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BE100463.D

Acq: 19 Jul 2019 9:59

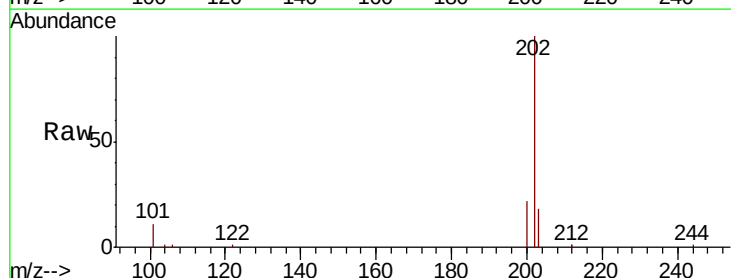
Tgt Ion:202 Resp: 12680

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

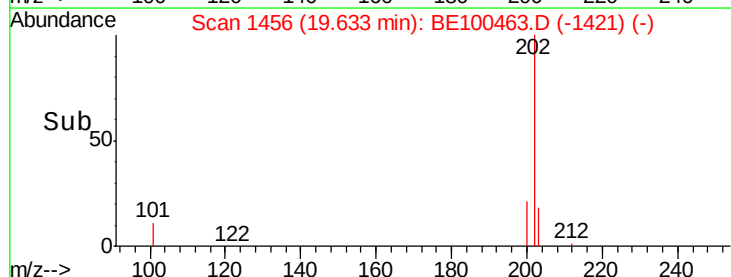
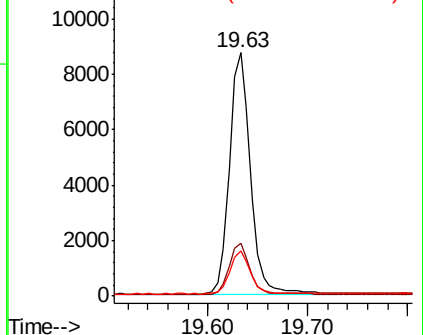
203 18.1 13.8 20.8

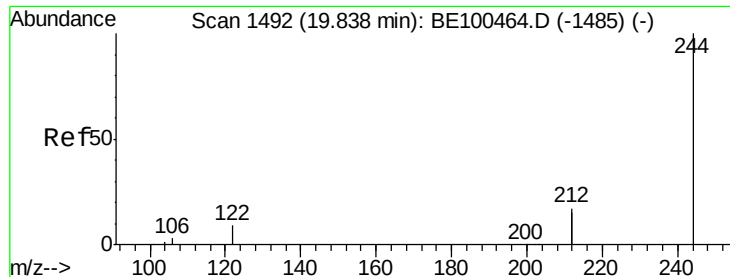


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.181 ng

RT: 19.84 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BE100463.D

Acq: 19 Jul 2019 9:59

Instrument :

BNA_E

ClientSampleId :

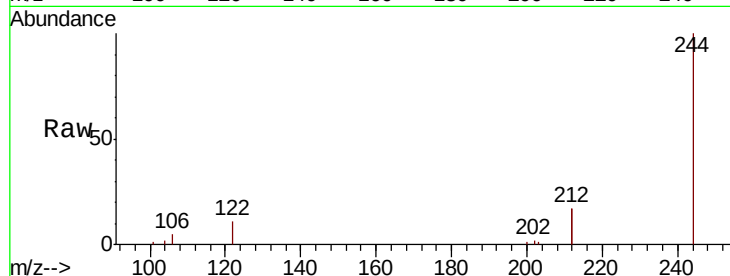
Tot Ion:244 Resp: 10074

Ion Ratio Lower Upper

244 100

212 34.4 26.6 40.0

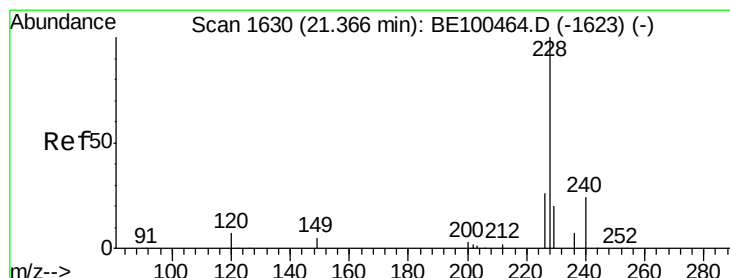
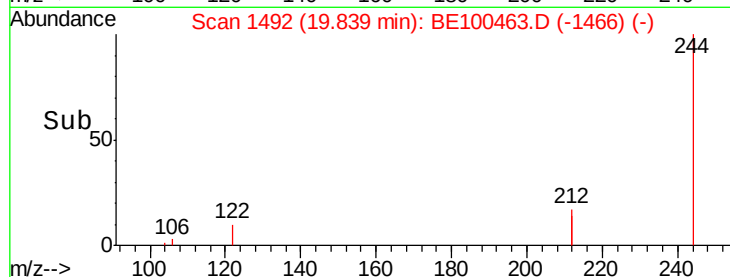
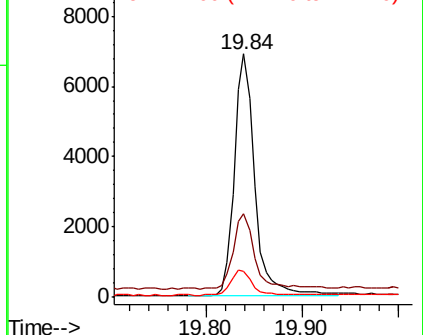
122 10.7 7.6 11.4



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: 0.220 ng

RT: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE100463.D

Acq: 19 Jul 2019 9:59

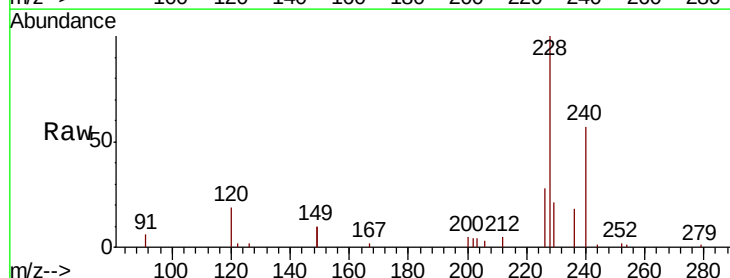
Tgt Ion:228 Resp: 13570

Ion Ratio Lower Upper

228 100

226 27.5 21.3 31.9

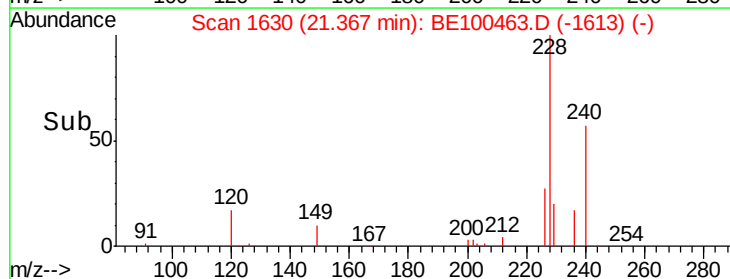
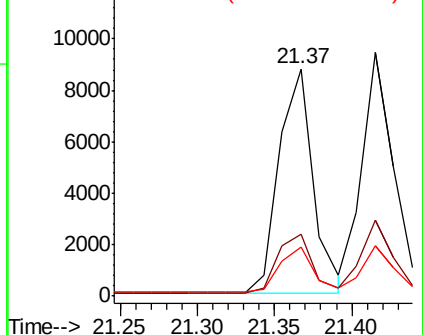
229 21.4 16.6 25.0

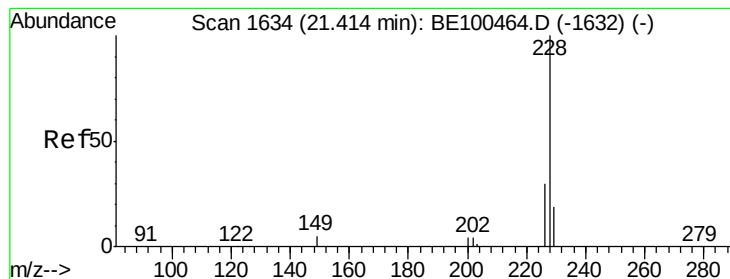


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.184 ng

RT: 21.42 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE100463.D

Acq: 19 Jul 2019 9:59

Instrument :

BNA_E

ClientSampleId :

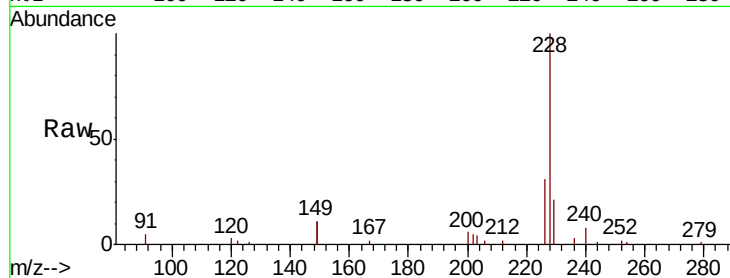
Tot Ion:228 Resp: 13511

Ion Ratio Lower Upper

228 100

226 31.2 24.5 36.7

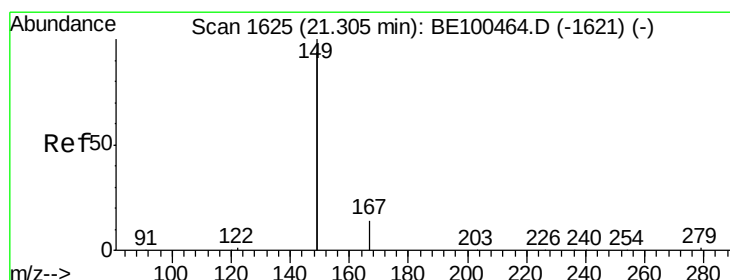
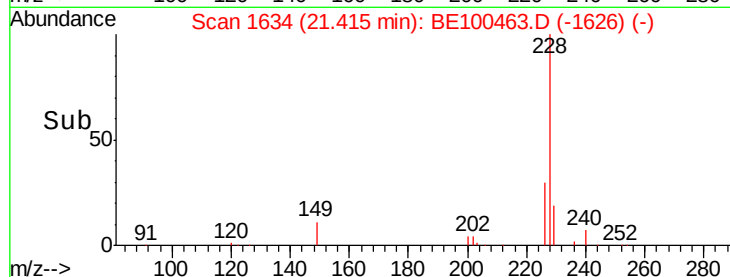
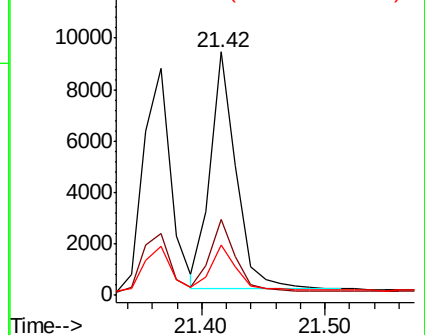
229 20.8 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.713 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE100463.D

Acq: 19 Jul 2019 9:59

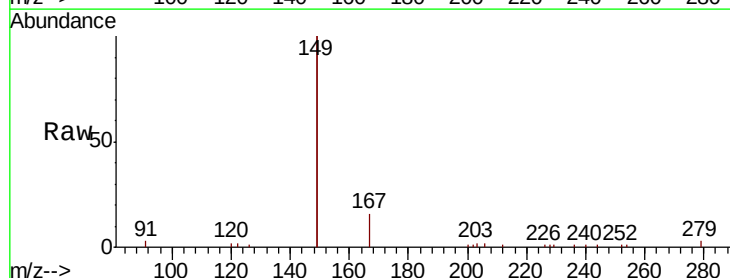
Tgt Ion:149 Resp: 31612

Ion Ratio Lower Upper

149 100

167 7.2 5.8 8.6

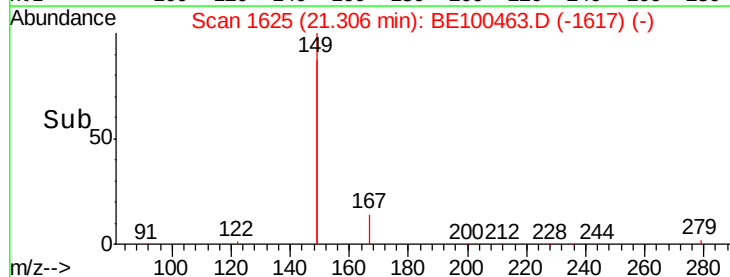
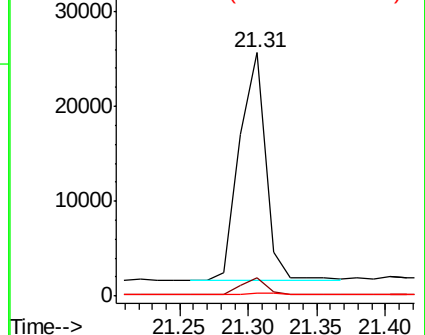
279 1.0 0.8 1.2

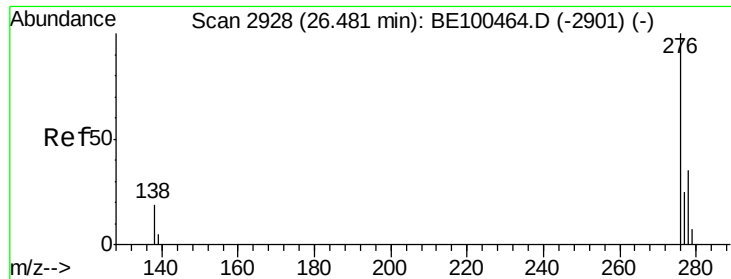


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

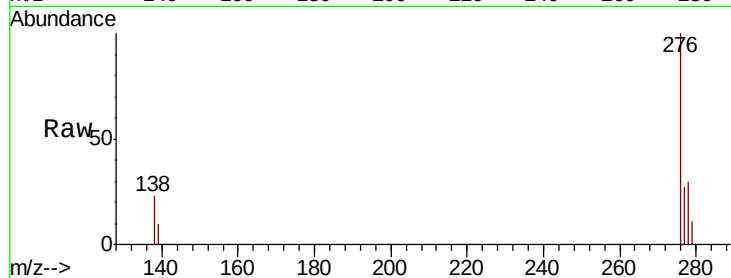




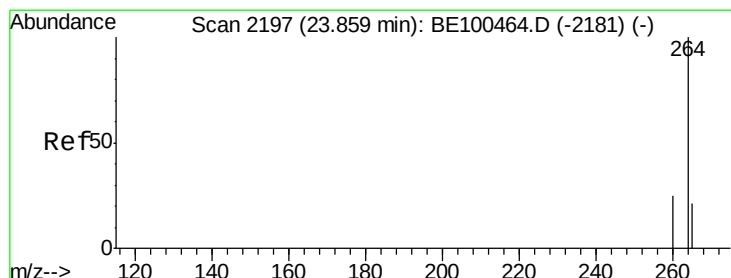
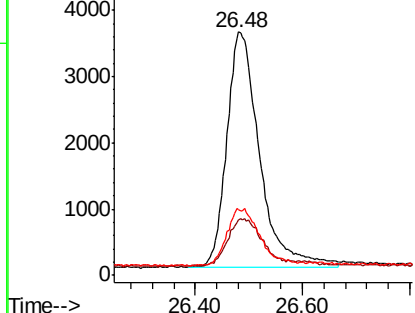
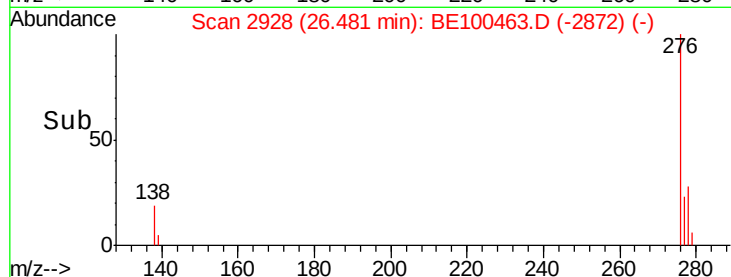
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.232 ng
RT: 26.48 min Scan# 2928
Delta R.T. -0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 15116
Ion Ratio Lower Upper
276 100
138 21.2 17.4 26.0
277 10.3 19.4 29.0#

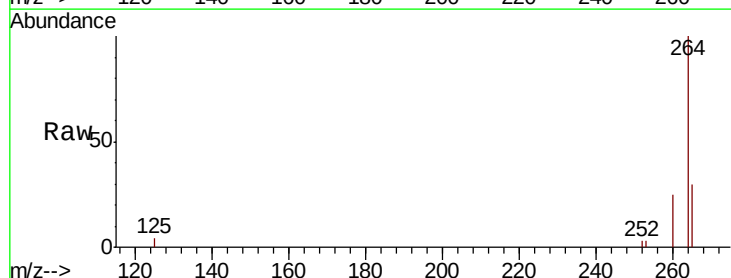


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

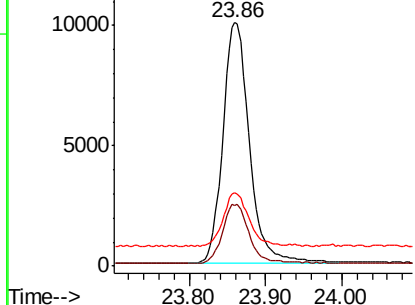
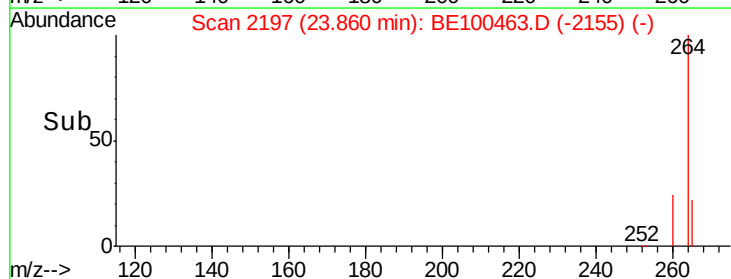


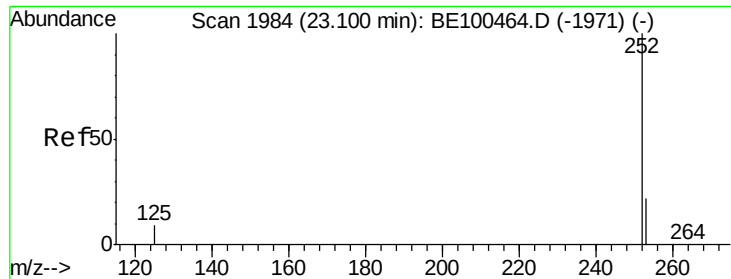
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2197
Delta R.T. 0.00 min
Lab File: BE100463.D
Acq: 19 Jul 2019 9:59

Tgt Ion:264 Resp: 24338
Ion Ratio Lower Upper
264 100
260 25.0 20.7 31.1
265 30.0 23.4 35.0



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: 0.176 ng

RT: 23.10 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BE100463.D

Acq: 19 Jul 2019 9:59

Instrument :

BNA_E

ClientSampleId :

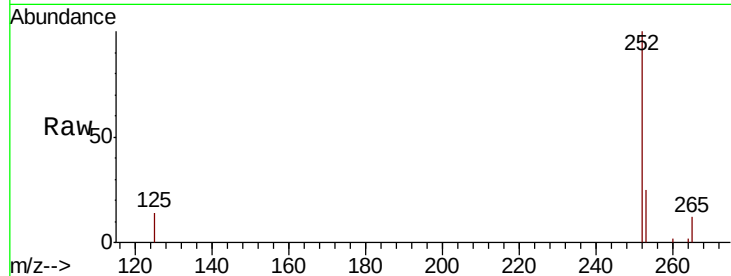
Tot Ion:252 Resp: 13098

Ion Ratio Lower Upper

252 100

253 25.1 18.5 27.7

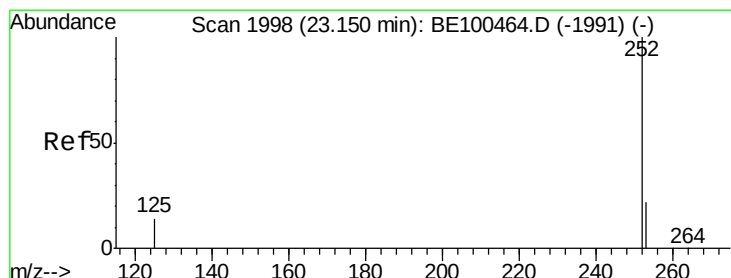
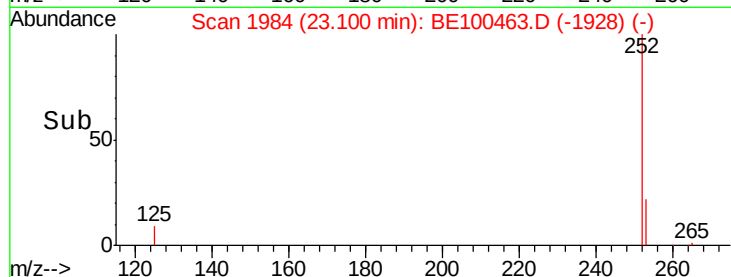
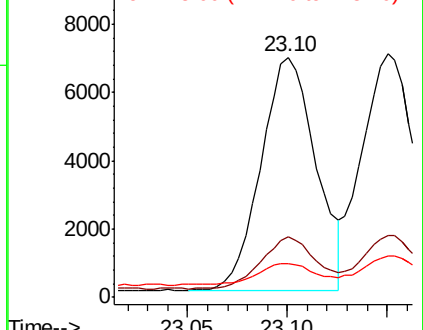
125 13.9 9.0 13.4#



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: 0.174 ng

RT: 23.15 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BE100463.D

Acq: 19 Jul 2019 9:59

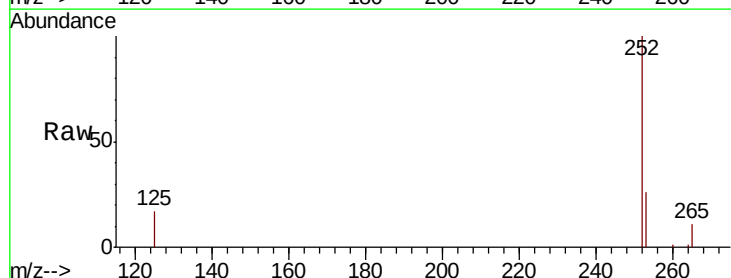
Tgt Ion:252 Resp: 13658

Ion Ratio Lower Upper

252 100

253 25.5 19.0 28.4

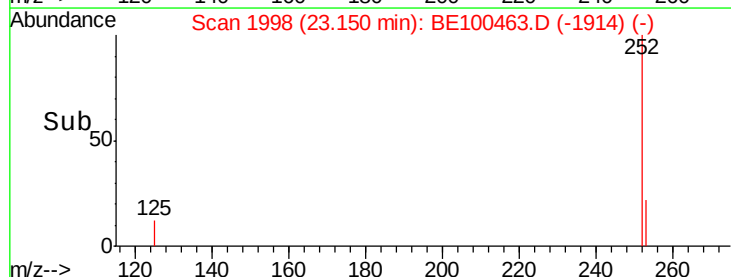
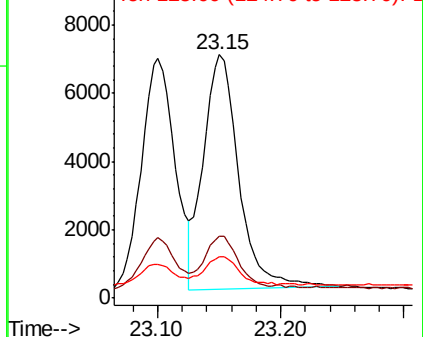
125 17.0 11.8 17.8

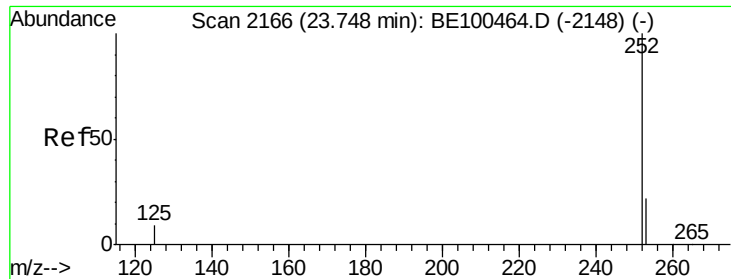


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.209 ng

RT: 23.75 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BE100463.D

Acq: 19 Jul 2019 9:59

Instrument :

BNA_E

ClientSampleId :

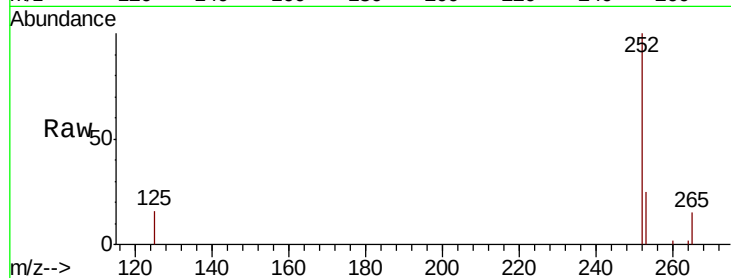
Tot Ion:252 Resp: 12783

Ion Ratio Lower Upper

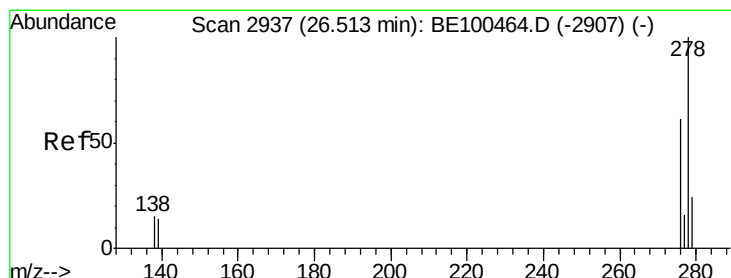
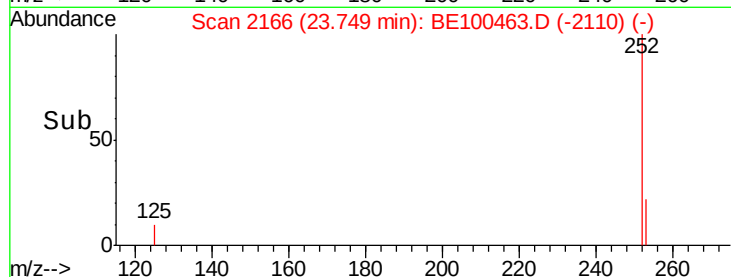
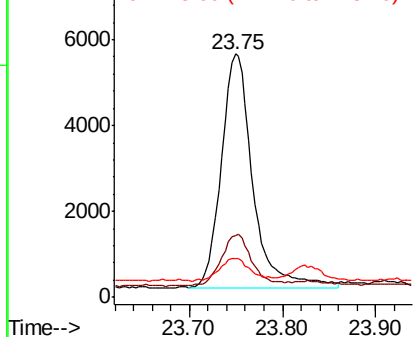
252 100

253 25.5 19.1 28.7

125 15.9 10.0 15.0#



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: 0.185 ng

RT: 26.52 min Scan# 2938

Delta R.T. 0.00 min

Lab File: BE100463.D

Acq: 19 Jul 2019 9:59

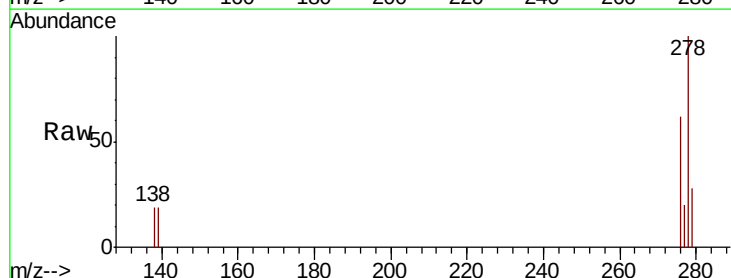
Tgt Ion:278 Resp: 12067

Ion Ratio Lower Upper

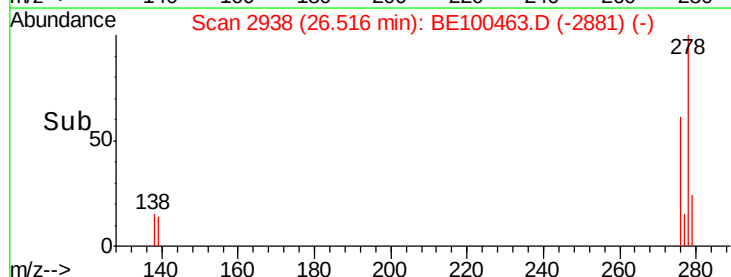
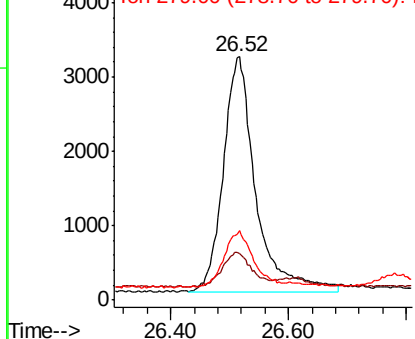
278 100

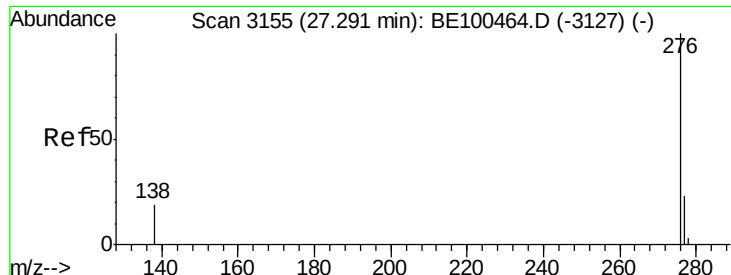
139 19.1 13.0 19.6

279 28.4 20.4 30.6



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: 0.185 ng

RT: 27.29 min Scan# 3154

Delta R.T. -0.00 min

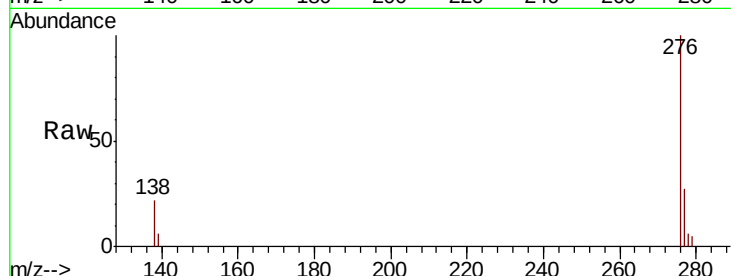
Lab File: BE100463.D

Acq: 19 Jul 2019 9:59

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 12601

Ion Ratio Lower Upper

276 100

277 26.9 19.9 29.9

138 21.9 16.7 25.1

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

