

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072219\
 Data File : BE100478.D
 Acq On : 22 Jul 2019 13:13
 Operator : HP/JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Jul 22 15:51:35 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	7.88	152	2453	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	10301	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	6773	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	18059	0.40	ng	0.00
27) Chrysene-d12	21.38	240	21370	0.40	ng	0.00
34) Perylene-d12	23.86	264	23016	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.46	112	1210	0.20	ng	0.00
5) Phenol-d6	7.03	99	1698	0.20	ng	0.00
8) Nitrobenzene-d5	9.02	82	1640	0.20	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	3426	0.21	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	529	0.19	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	5640	0.20	ng	0.00
25) Fluoranthene-d10	19.24	212	48720	0.19	ng	0.00
29) Terphenyl-d14	19.84	244	10670	0.22	ng	0.00

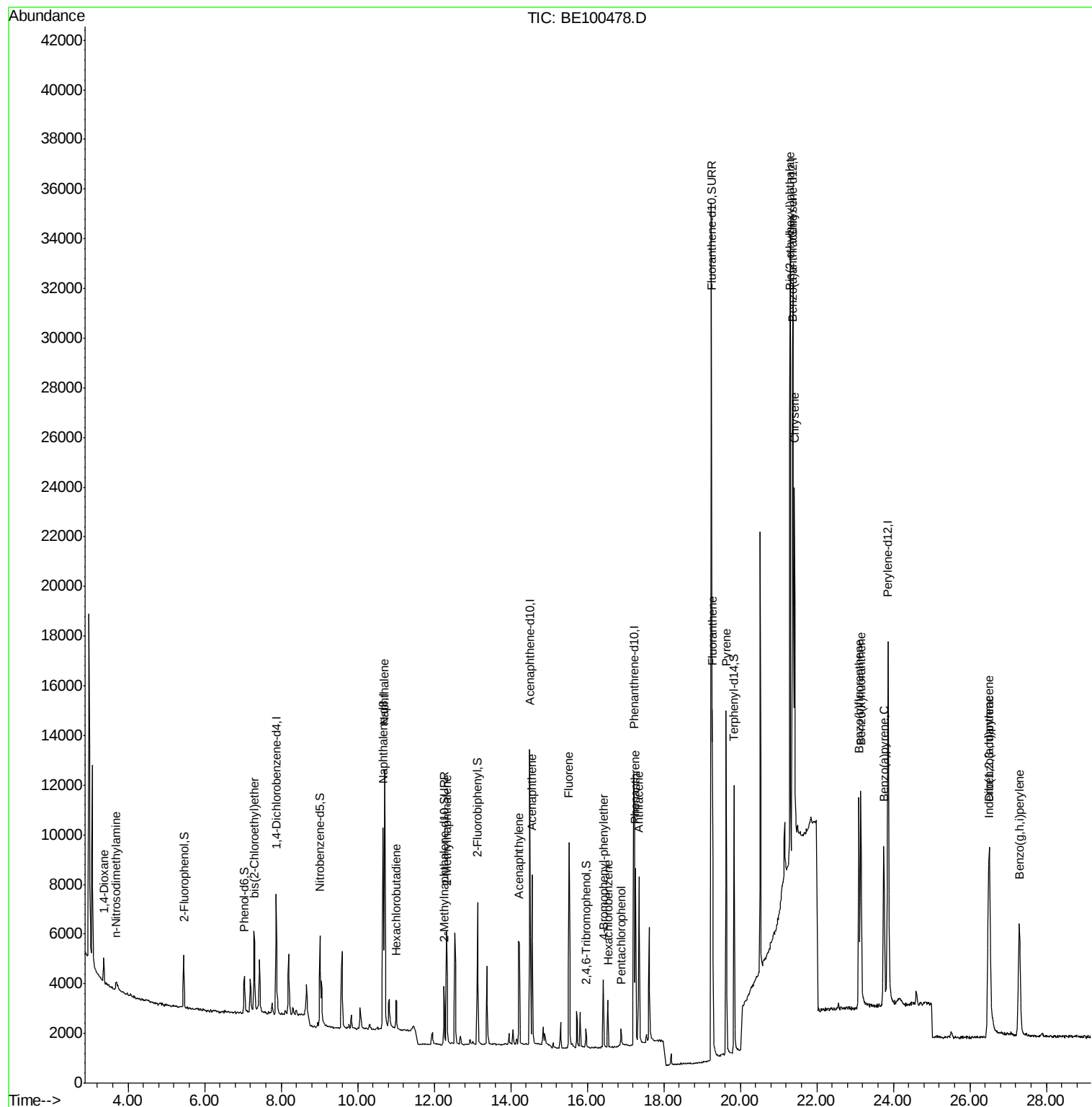
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	872	0.231	ng	95
3) n-Nitrosodimethylamine	3.69	42	409	0.188	ng	# 93
6) bis(2-Chloroethyl)ether	7.30	93	1447	0.195	ng	# 97
9) Naphthalene	10.71	128	19793	0.201	ng	99
10) Hexachlorobutadiene	11.00	225	967	0.205	ng	99
12) 2-Methylnaphthalene	12.32	142	3471	0.202	ng	98
16) Acenaphthylene	14.23	152	5970	0.192	ng	100
17) Acenaphthene	14.56	154	3610	0.191	ng	98
18) Fluorene	15.53	166	4899	0.195	ng	99
20) 4-Bromophenyl-phenylether	16.43	248	1654	0.198	ng	97
21) Hexachlorobenzene	16.55	284	1730	0.199	ng	99
22) Pentachlorophenol	16.88	266	533	0.152	ng	94
23) Phenanthrene	17.26	178	8648	0.194	ng	99
24) Anthracene	17.35	178	7935	0.190	ng	100
26) Fluoranthene	19.27	202	12527	0.189	ng	99
28) Pyrene	19.63	202	13455	0.214	ng	99
30) Benzo(a)anthracene	21.37	228	12914	0.198	ng	96
31) Chrysene	21.41	228	12996	0.200	ng	97
32) Bis(2-ethylhexyl)phthalate	21.31	149	31428	0.217	ng	99
33) Indeno(1,2,3-cd)pyrene	26.49	276	13893	0.198	ng	99
35) Benzo(b)fluoranthene	23.10	252	12439	0.196	ng	# 88
36) Benzo(k)fluoranthene	23.15	252	13079	0.194	ng	# 88
37) Benzo(a)pyrene	23.76	252	12460	0.203	ng	# 85
38) Dibenzo(a,h)anthracene	26.52	278	10845	0.188	ng	# 88
39) Benzo(g,h,i)perylene	27.30	276	11685	0.196	ng	# 90

(#) = 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: BE100478.D

Acq: 22 Jul 2019 13:13

Instrument :

BNA_E

ClientSampleId :

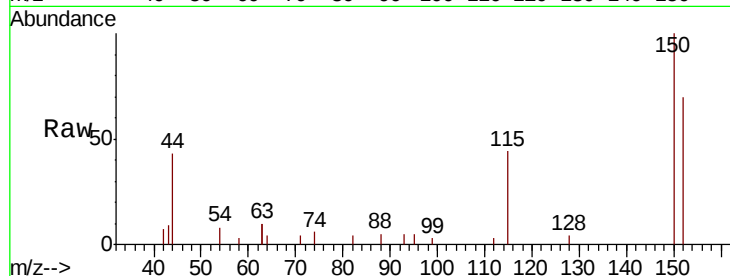
Tot Ion:152 Resp: 2453

Ion Ratio Lower Upper

152 100

150 142.3 115.0 172.6

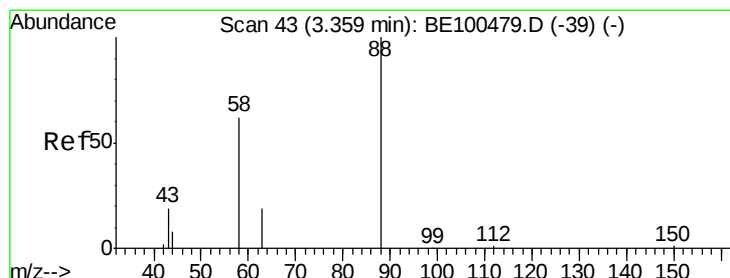
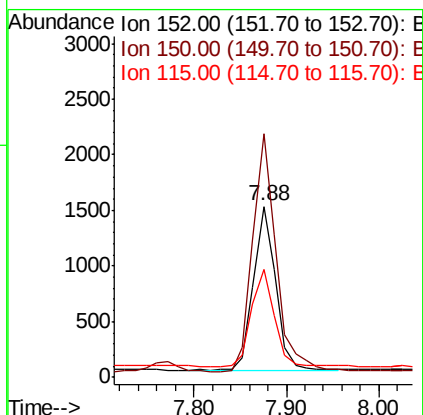
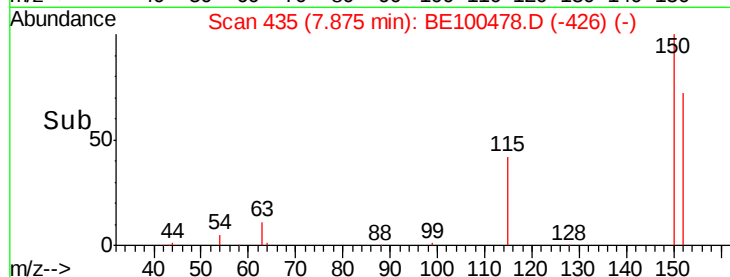
115 63.2 52.9 79.3



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: 0.231 ng

RT: 3.36 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE100478.D

Acq: 22 Jul 2019 13:13

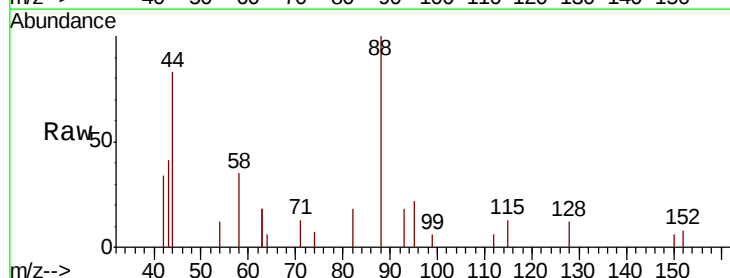
Tgt Ion: 88 Resp: 872

Ion Ratio Lower Upper

88 100

58 61.7 53.2 79.8

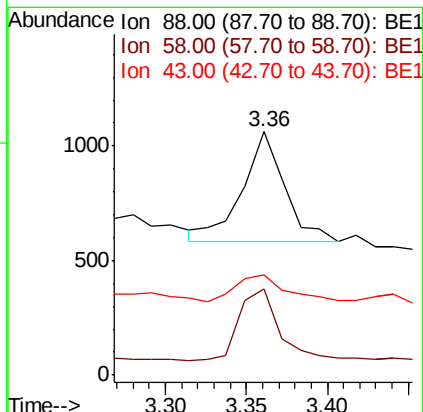
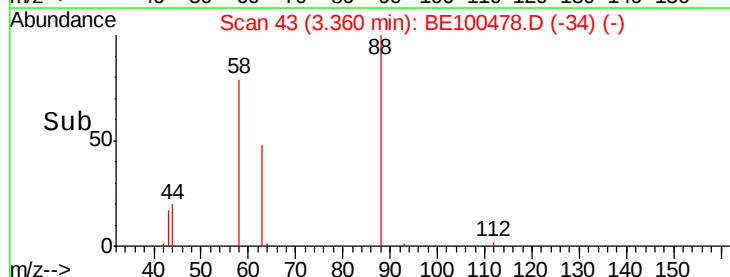
43 26.8 20.8 31.2

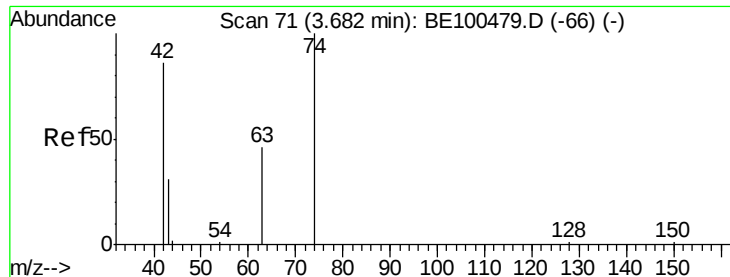


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.188 ng

RT: 3.69 min Scan# 72

Delta R.T. 0.01 min

Lab File: BE100478.D

Acq: 22 Jul 2019 13:13

Instrument :

BNA_E

ClientSampleId :

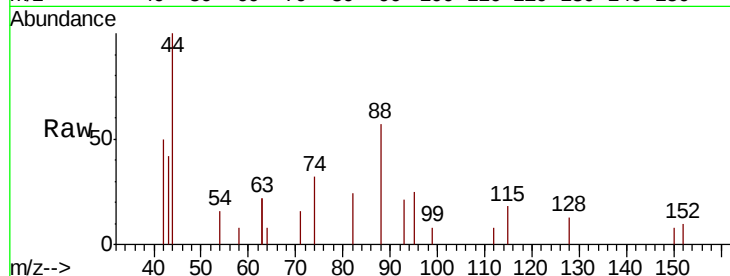
Tot Ion: 42 Resp: 409

Ion Ratio Lower Upper

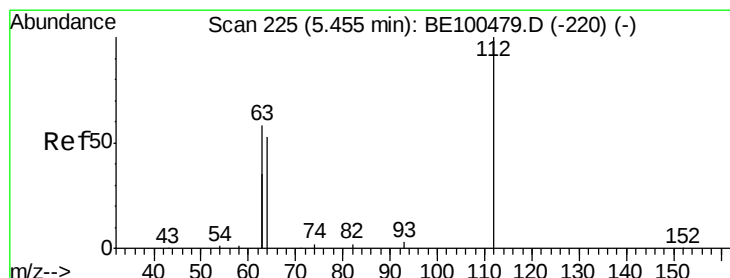
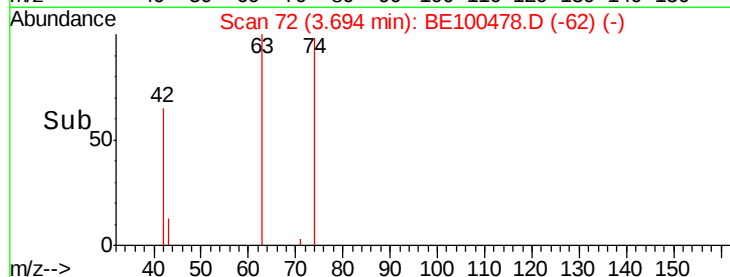
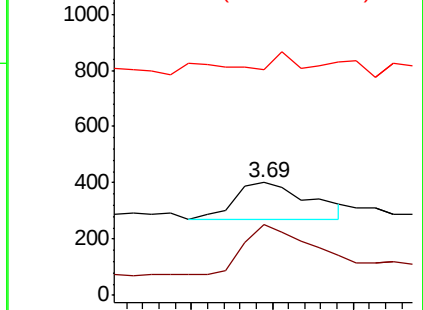
42 100

74 135.7 0.0 0.0#

44 14.7 9.6 14.4#



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: 0.198 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.00 min

Lab File: BE100478.D

Acq: 22 Jul 2019 13:13

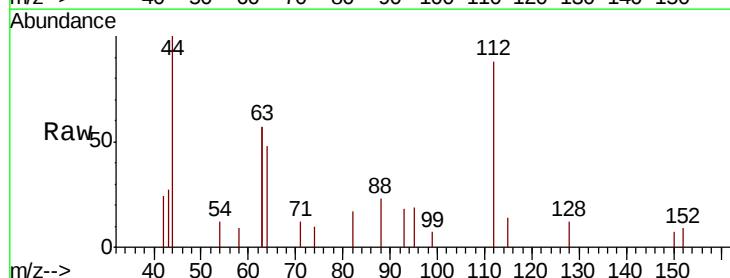
Tgt Ion: 112 Resp: 1210

Ion Ratio Lower Upper

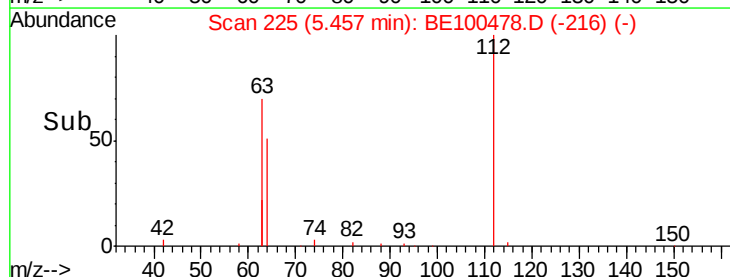
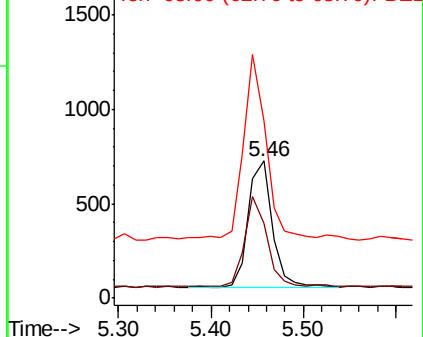
112 100

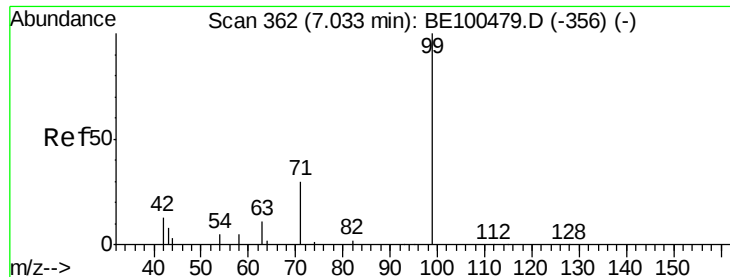
64 69.1 54.1 81.1

63 132.2 104.6 157.0



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: 0.198 ng

RT: 7.03 min Scan# 362

Delta R.T. 0.00 min

Lab File: BE100478.D

Acq: 22 Jul 2019 13:13

Instrument :

BNA_E

ClientSampled :

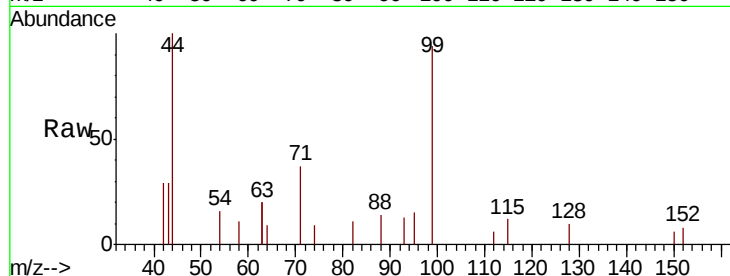
Tot Ion: 99 Resp: 1698

Ion Ratio Lower Upper

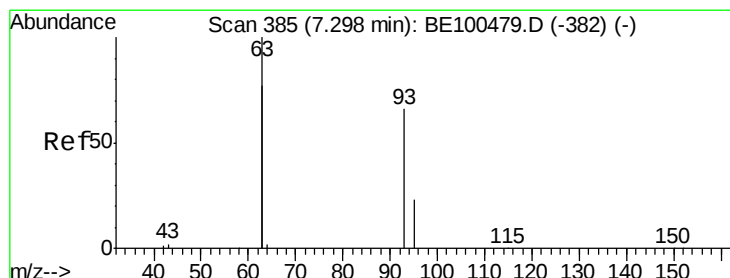
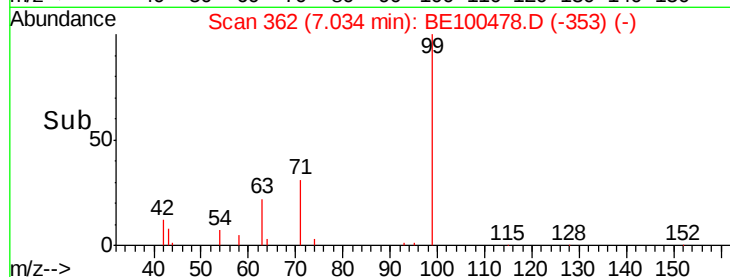
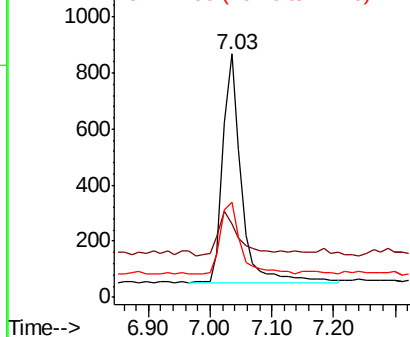
99 100

42 22.6 14.5 21.7#

71 33.3 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: 0.195 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE100478.D

Acq: 22 Jul 2019 13:13

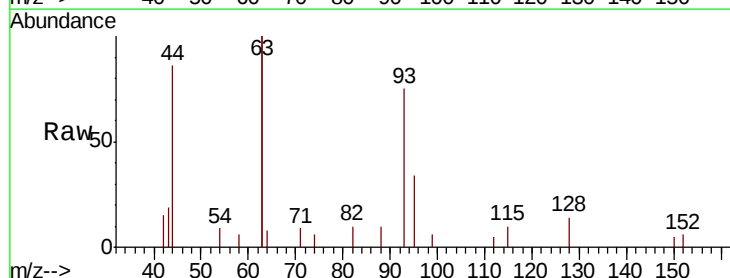
Tgt Ion: 93 Resp: 1447

Ion Ratio Lower Upper

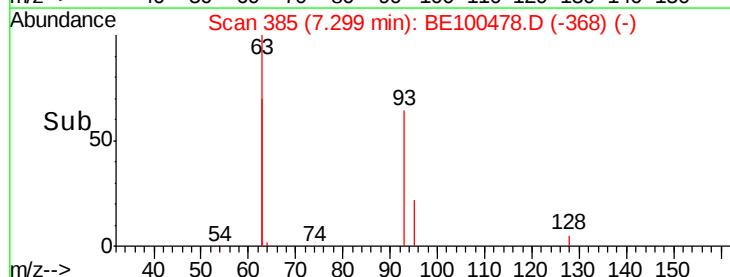
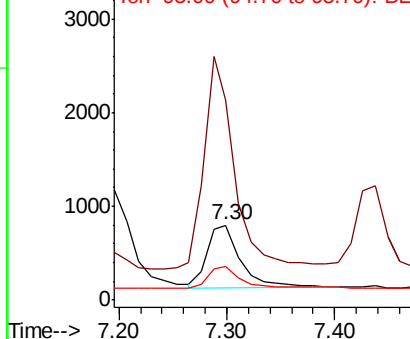
93 100

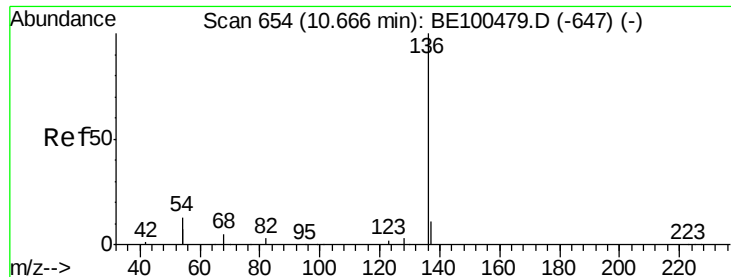
63 313.8 248.3 372.5

95 38.3 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: BE100478.D

Acq: 22 Jul 2019 13:13

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 10301

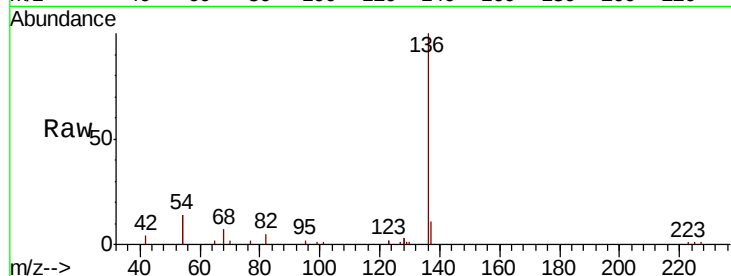
Ion Ratio Lower Upper

136 100

137 11.2 9.8 14.6

54 28.6 20.6 31.0

68 6.8 5.3 7.9

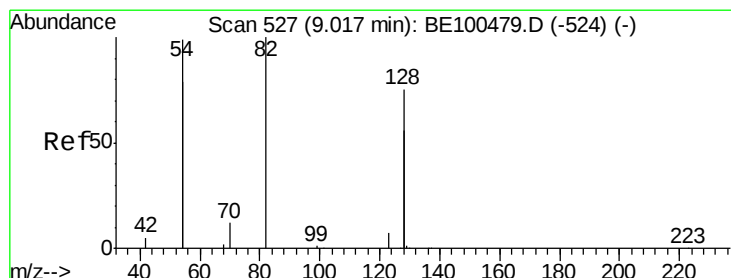
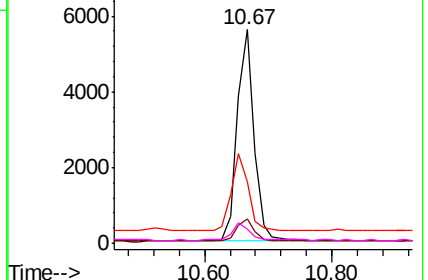
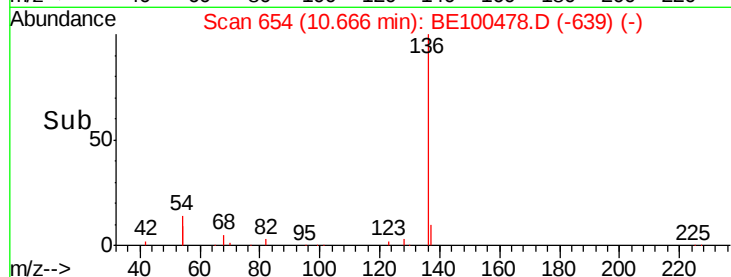


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.197 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE100478.D

Acq: 22 Jul 2019 13:13

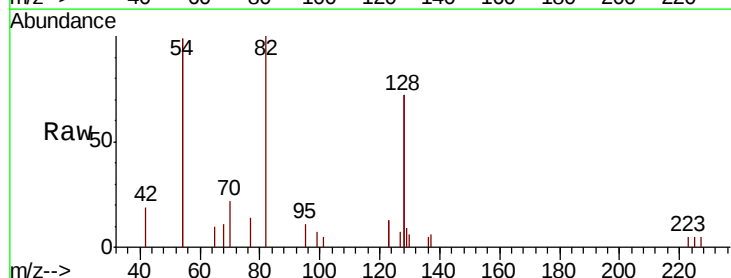
Tgt Ion: 82 Resp: 1640

Ion Ratio Lower Upper

82 100

128 143.2 113.6 170.4

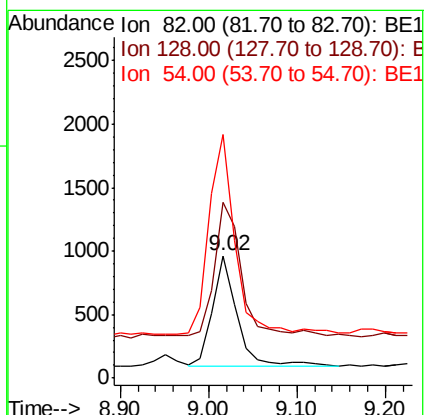
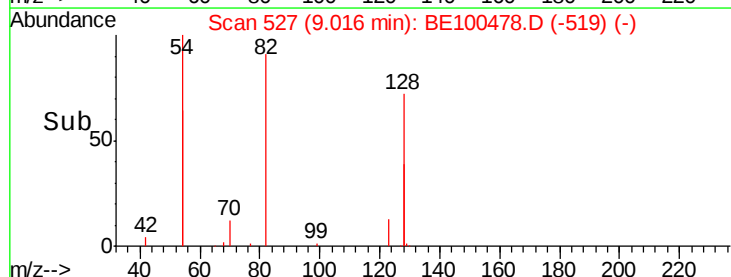
54 199.0 150.6 226.0

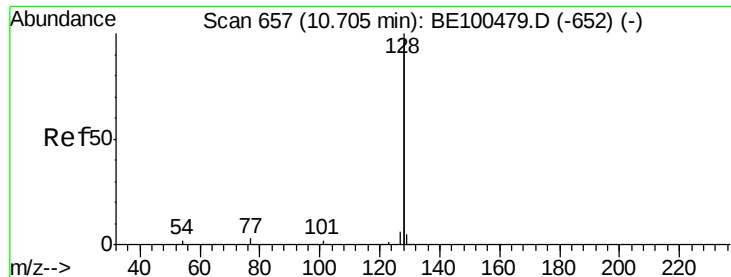


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

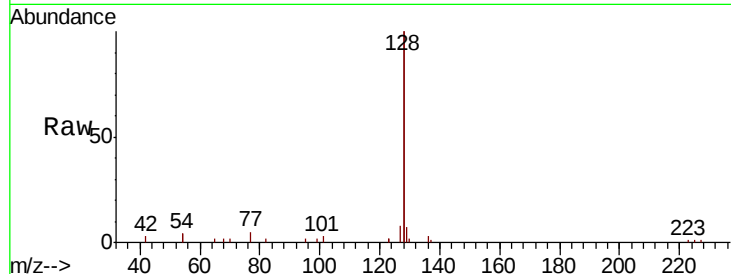




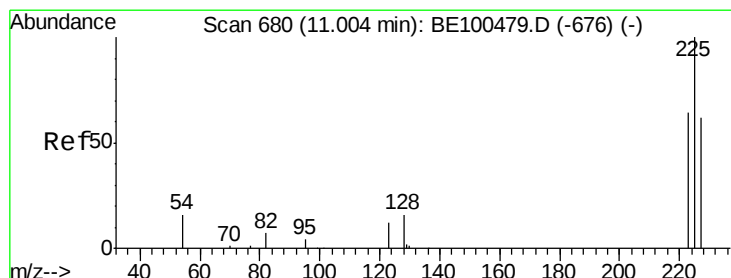
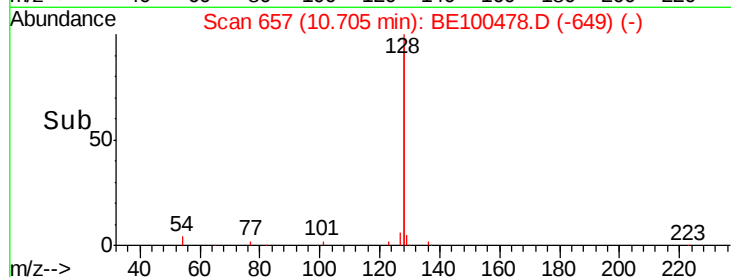
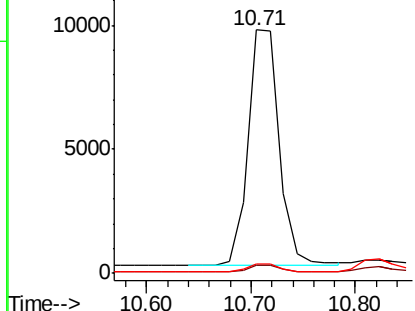
#9
Naphthalene
Concen: 0.201 ng
RT: 10.71 min Scan# 657
Delta R.T. -0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tot Ion:128 Resp: 19793
Ion Ratio Lower Upper
128 100
129 3.4 2.3 3.5
127 3.8 2.7 4.1

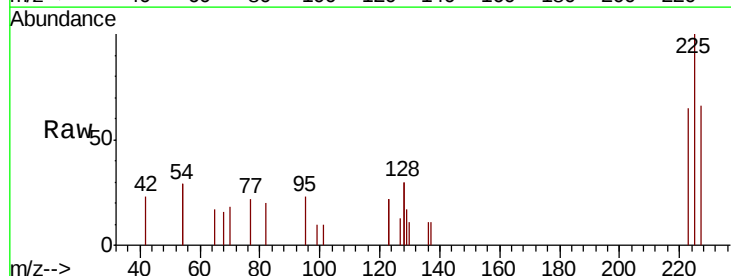


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

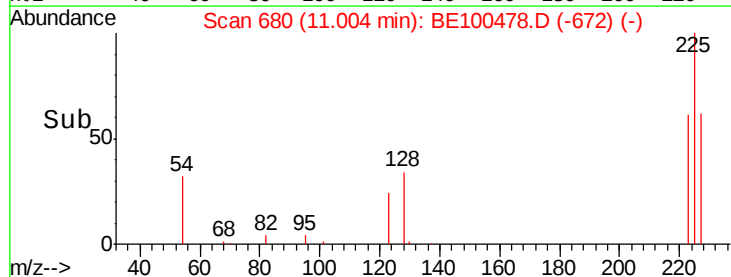
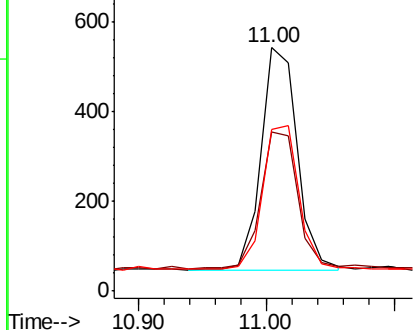


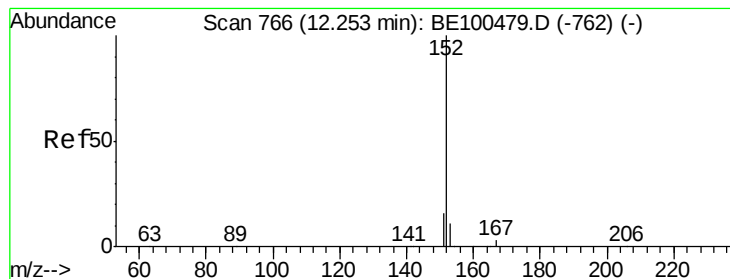
#10
Hexachlorobutadiene
Concen: 0.205 ng
RT: 11.00 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Tgt Ion:225 Resp: 967
Ion Ratio Lower Upper
225 100
223 62.5 49.4 74.0
227 64.7 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: 0.207 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.00 min

Lab File: BE100478.D

Acq: 22 Jul 2019 13:13

Instrument :

BNA_E

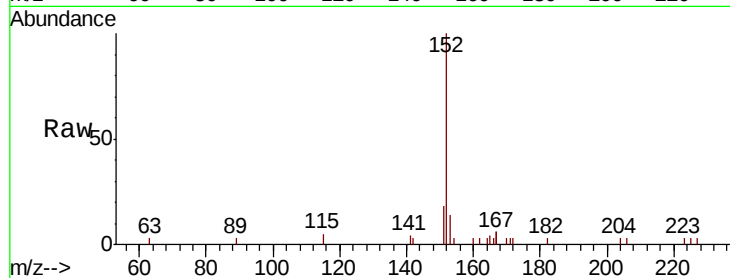
ClientSampleId :

Tot Ion:152 Resp: 3426

Ion Ratio Lower Upper

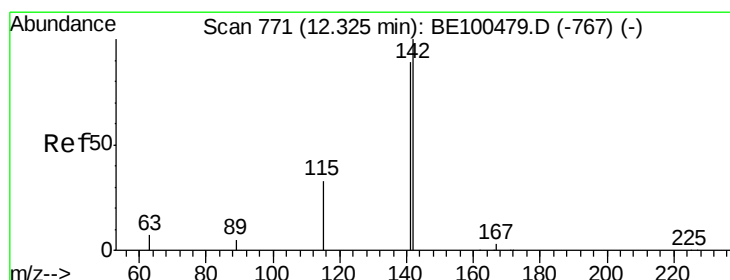
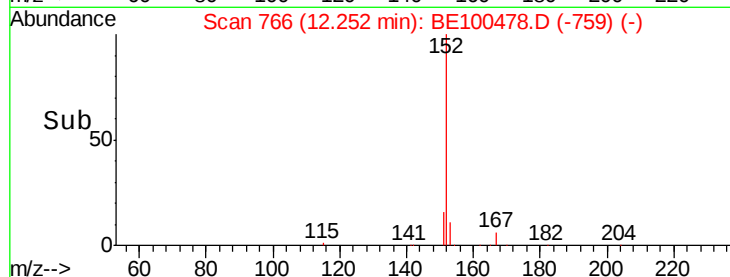
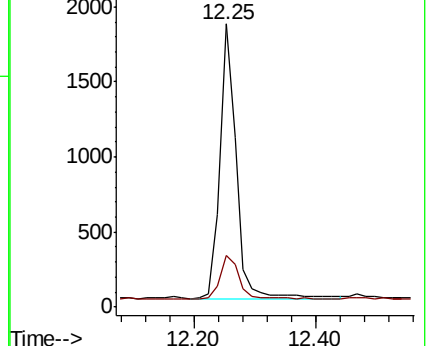
152 100

151 18.0 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: 0.202 ng

RT: 12.32 min Scan# 771

Delta R.T. -0.00 min

Lab File: BE100478.D

Acq: 22 Jul 2019 13:13

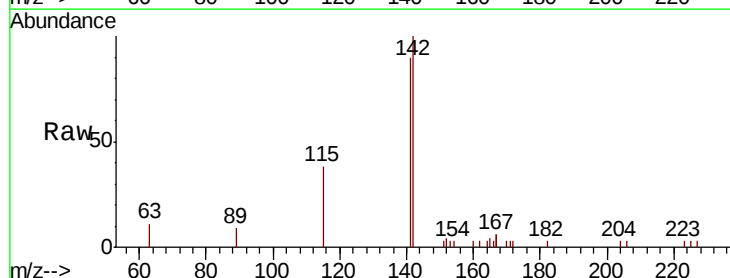
Tgt Ion:142 Resp: 3471

Ion Ratio Lower Upper

142 100

141 90.0 71.7 107.5

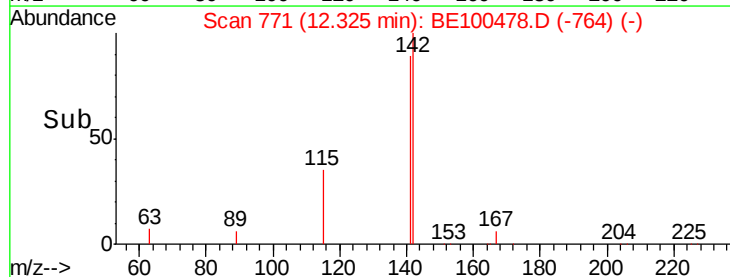
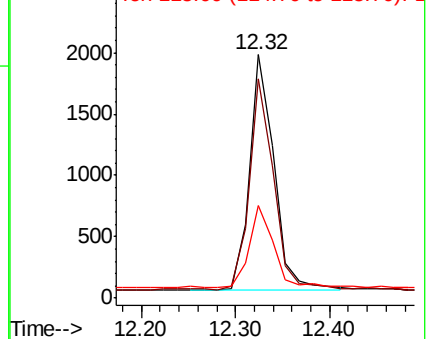
115 37.9 27.8 41.6

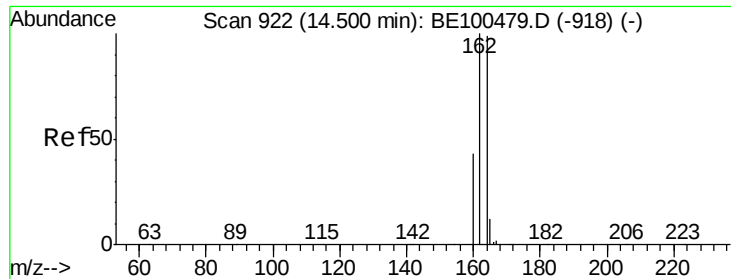


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

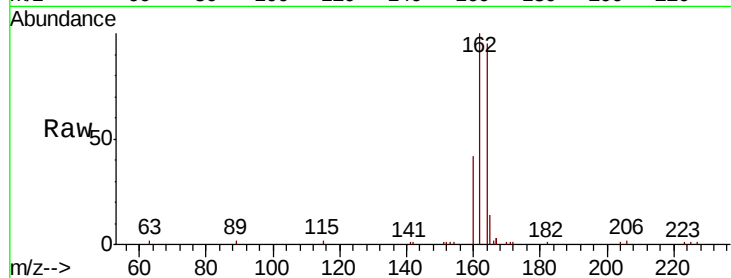




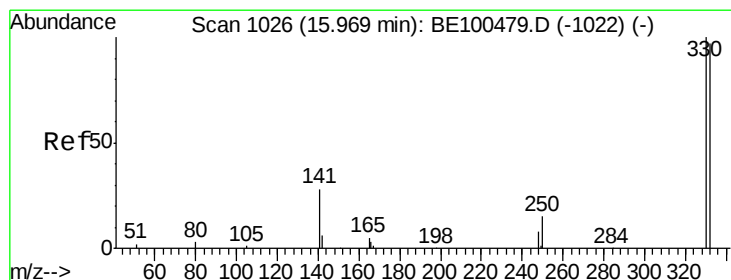
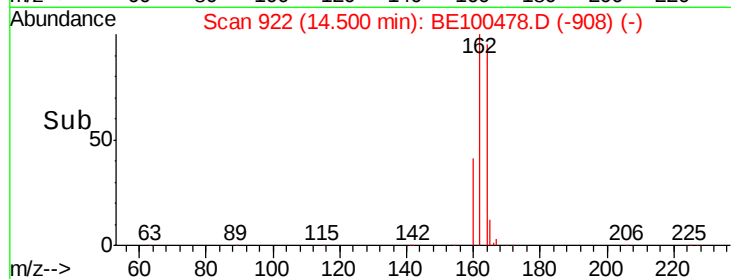
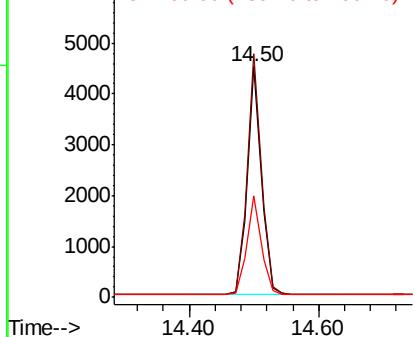
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tot Ion:164 Resp: 6773
Ion Ratio Lower Upper
164 100
162 105.5 80.8 121.2
160 44.1 34.9 52.3

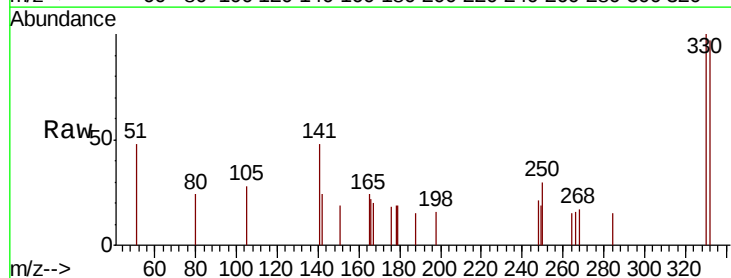


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

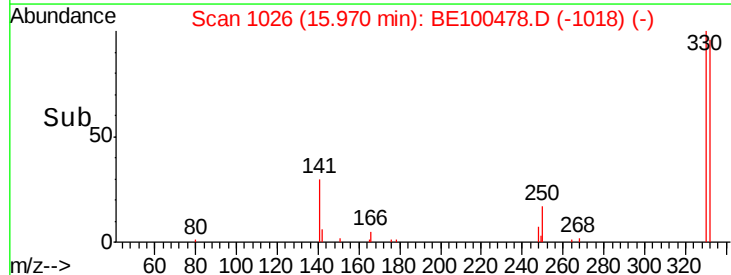
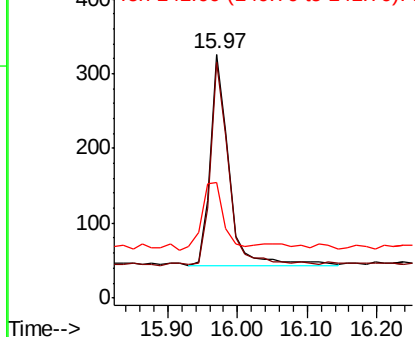


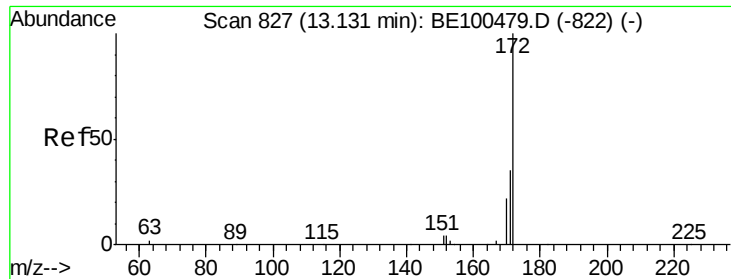
#14
2,4,6-Tribromophenol
Concen: 0.186 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Tgt Ion:330 Resp: 529
Ion Ratio Lower Upper
330 100
332 94.0 80.5 120.7
141 38.9 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

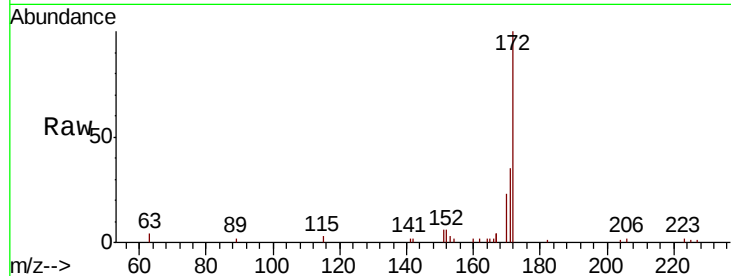




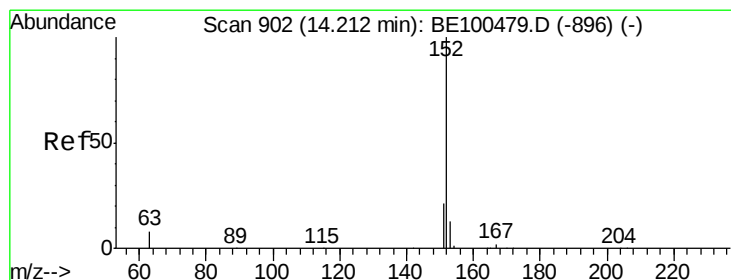
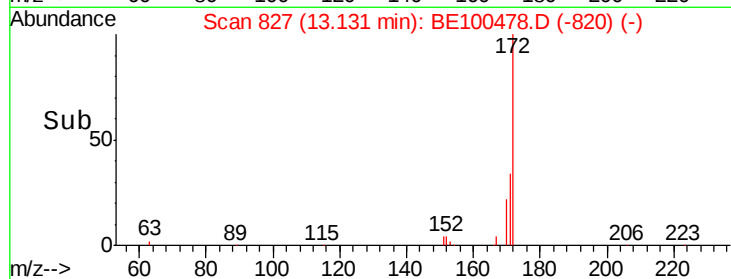
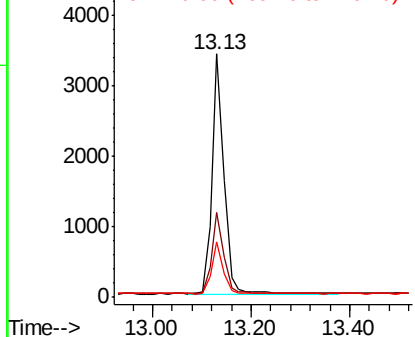
#15
2-Fluorobiphenyl
Concen: 0.202 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tot Ion:172 Resp: 5640
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.2
170 22.7 17.8 26.8

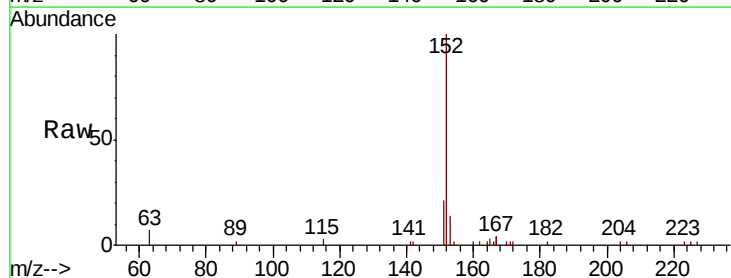


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

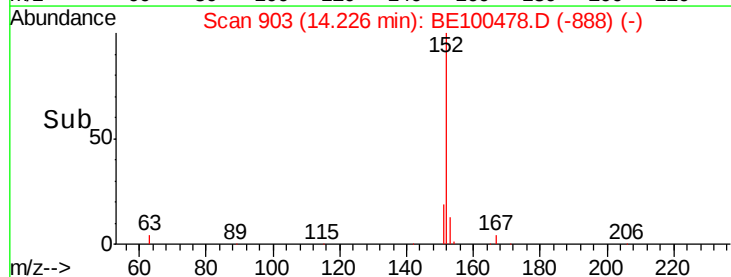
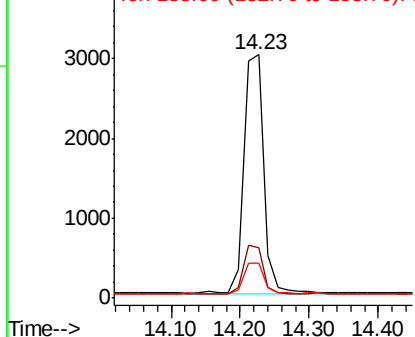


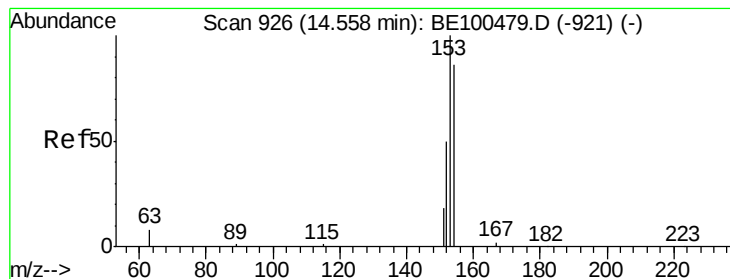
#16
Acenaphthylene
Concen: 0.192 ng
RT: 14.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Tgt Ion:152 Resp: 5970
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 12.9 10.6 16.0



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: 0.191 ng

RT: 14.56 min Scan# 926

Delta R.T. -0.00 min

Lab File: BE100478.D

Acq: 22 Jul 2019 13:13

Instrument :

BNA_E

ClientSampleId :

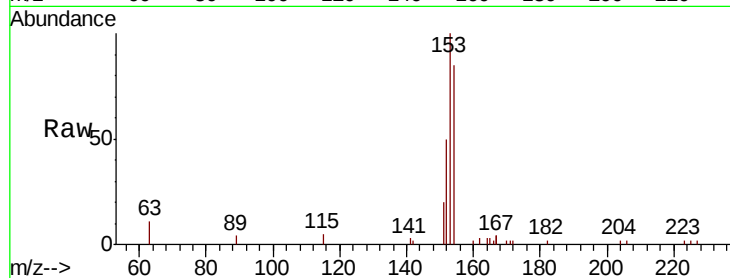
Tot Ion:154 Resp: 3610

Ion Ratio Lower Upper

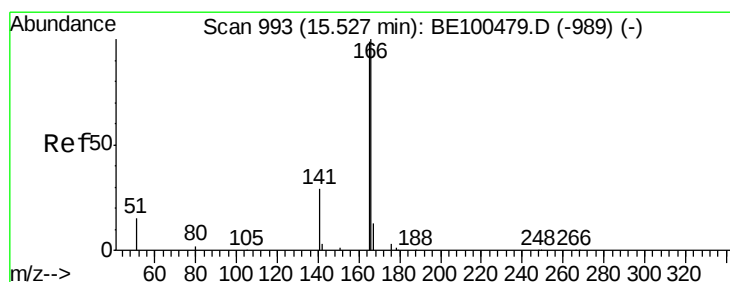
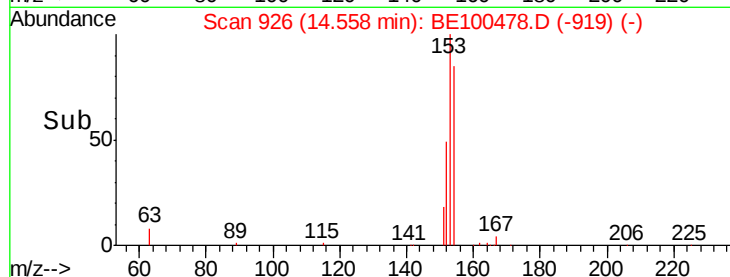
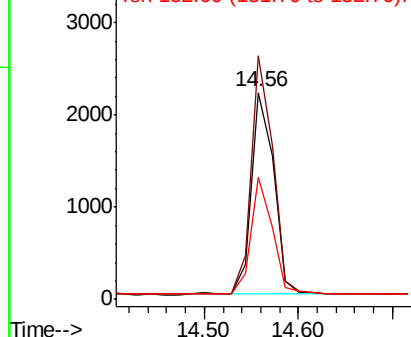
154 100

153 115.7 90.8 136.2

152 55.0 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: 0.195 ng

RT: 15.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: BE100478.D

Acq: 22 Jul 2019 13:13

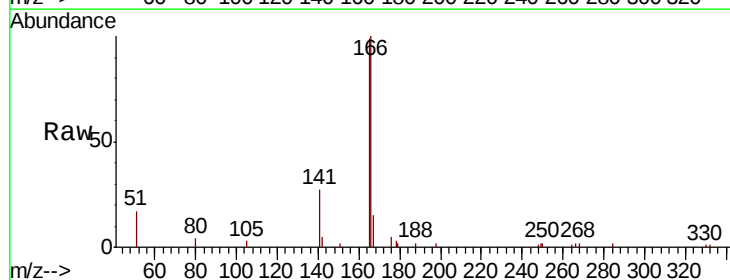
Tgt Ion:166 Resp: 4899

Ion Ratio Lower Upper

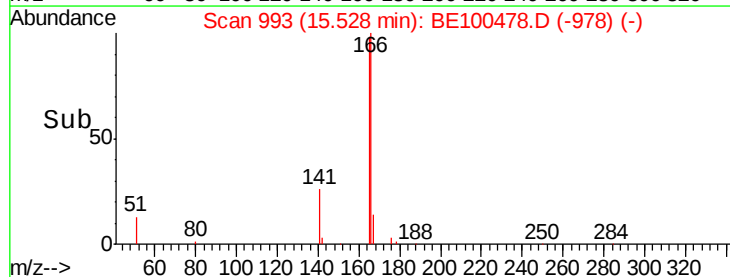
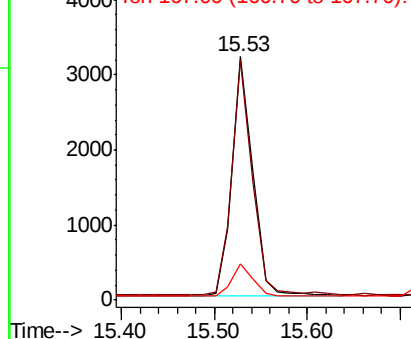
166 100

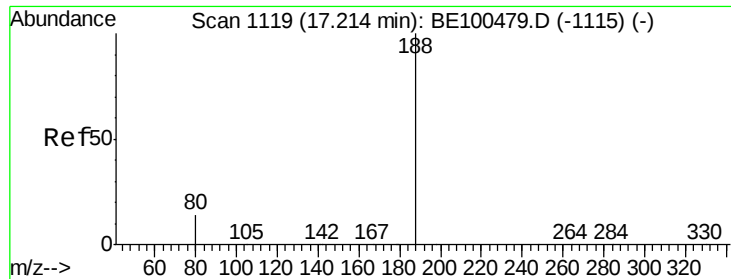
165 98.6 78.3 117.5

167 14.6 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: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100478.D

Acq: 22 Jul 2019 13:13

Instrument :

BNA_E

ClientSampleId :

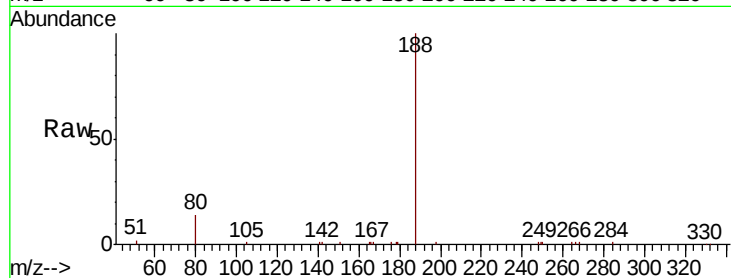
Tot Ion:188 Resp: 18059

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

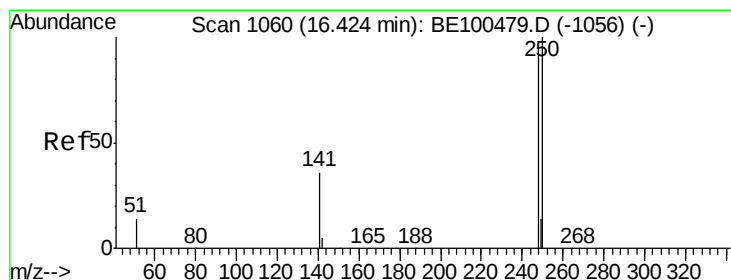
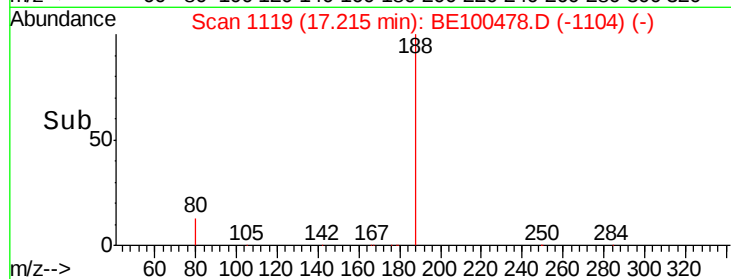
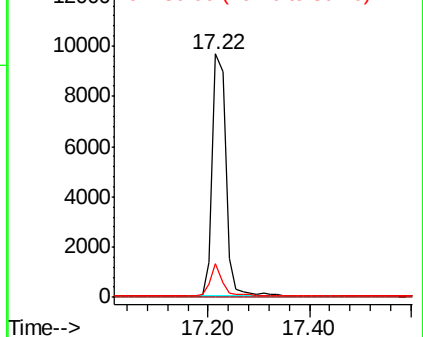
80 13.9 11.9 17.9



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: 0.198 ng

RT: 16.43 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE100478.D

Acq: 22 Jul 2019 13:13

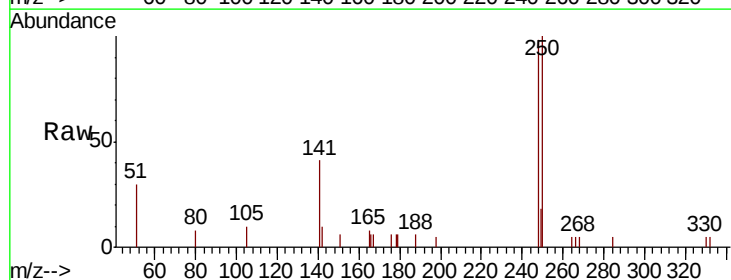
Tgt Ion:248 Resp: 1654

Ion Ratio Lower Upper

248 100

250 102.3 84.4 126.6

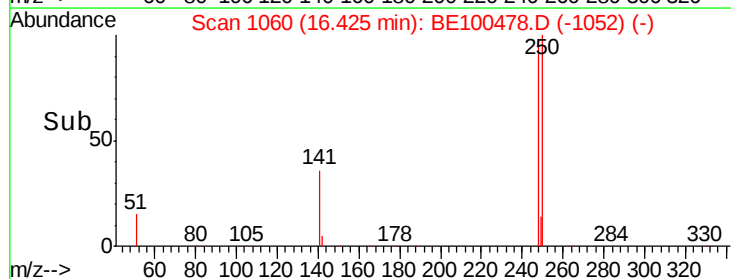
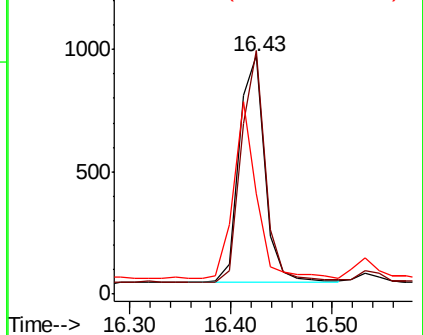
141 41.9 32.2 48.2

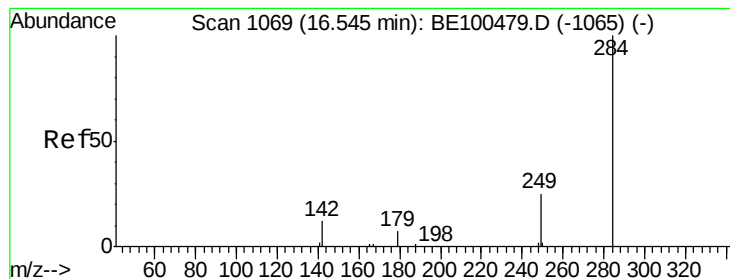


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.199 ng

RT: 16.55 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE100478.D

Acq: 22 Jul 2019 13:13

Instrument :

BNA_E

ClientSampled :

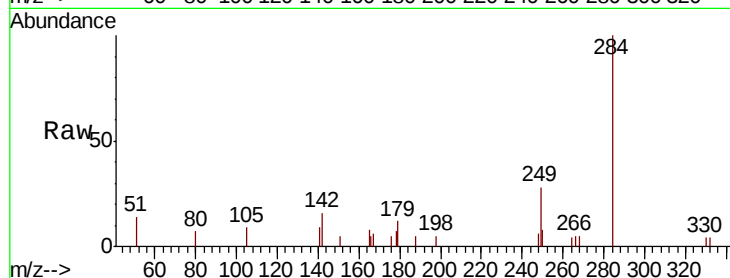
Tot Ion:284 Resp: 1730

Ion Ratio Lower Upper

284 100

142 32.1 26.7 40.1

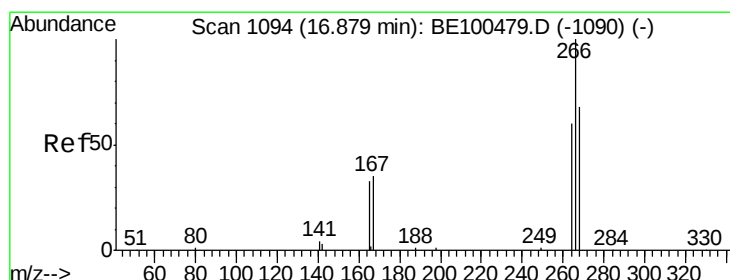
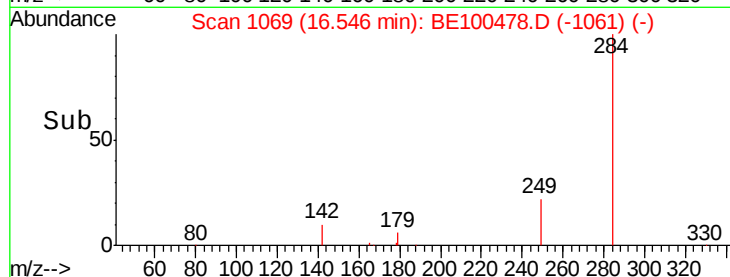
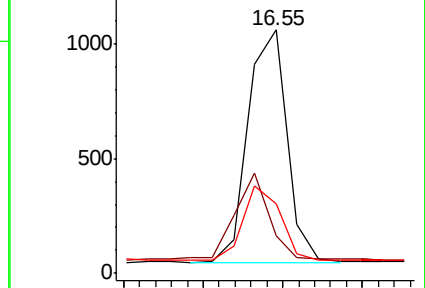
249 31.0 25.0 37.4



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: 0.152 ng

RT: 16.88 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BE100478.D

Acq: 22 Jul 2019 13:13

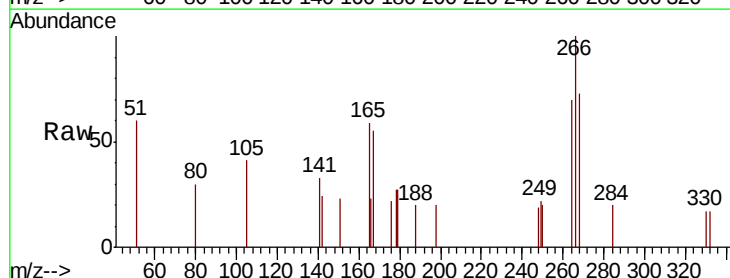
Tgt Ion:266 Resp: 533

Ion Ratio Lower Upper

266 100

264 70.1 50.4 75.6

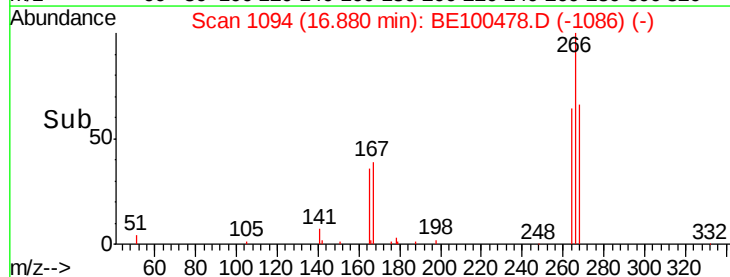
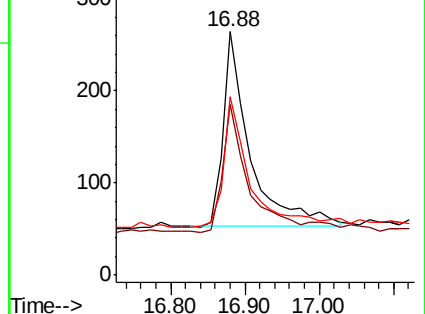
268 73.1 56.6 85.0

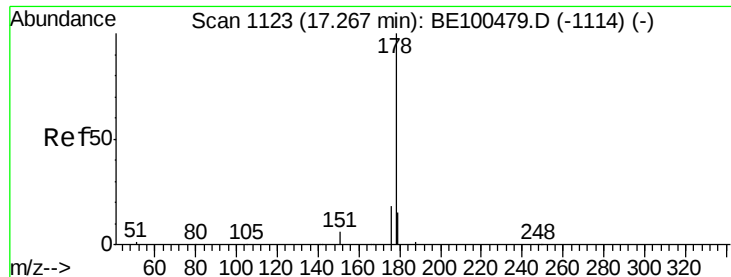


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.194 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BE100478.D

Acq: 22 Jul 2019 13:13

Instrument :

BNA_E

ClientSampleId :

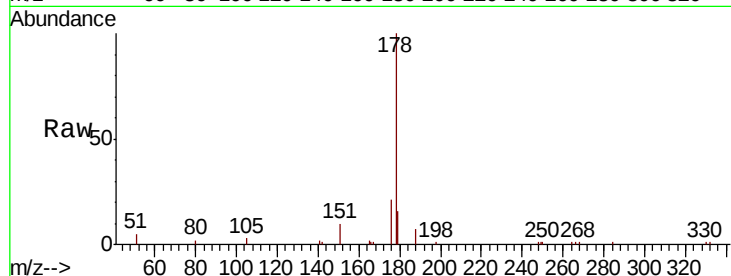
Tot Ion:178 Resp: 8648

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

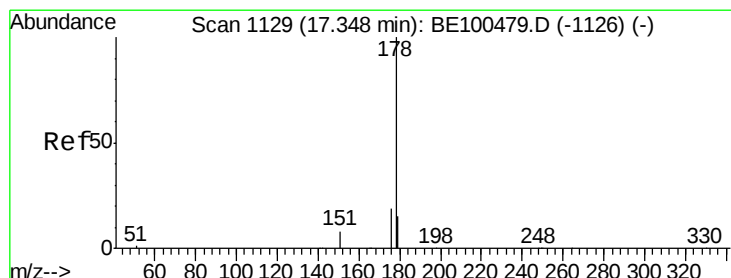
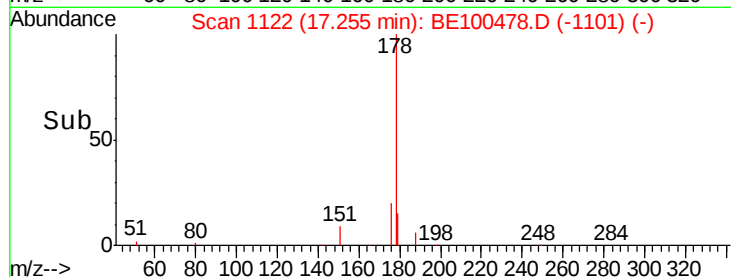
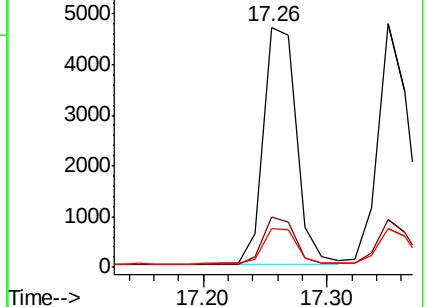
179 15.6 12.6 18.8



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: 0.190 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE100478.D

Acq: 22 Jul 2019 13:13

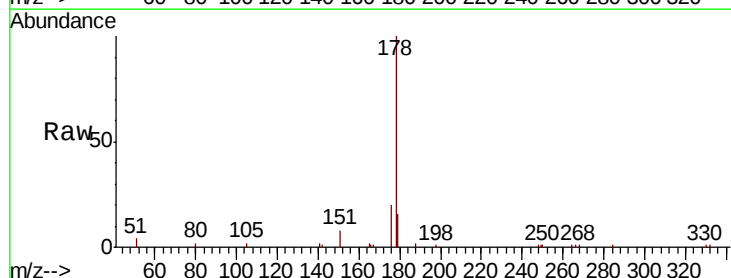
Tgt Ion:178 Resp: 7935

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

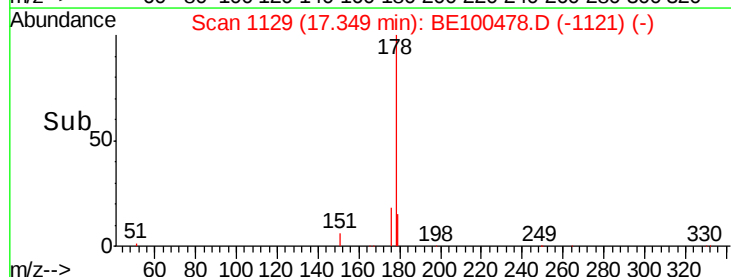
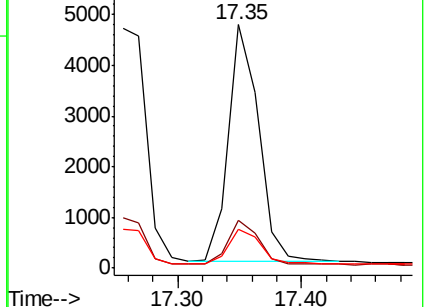
179 15.4 12.2 18.2

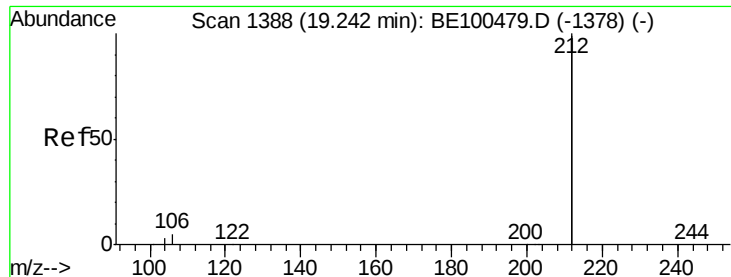


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

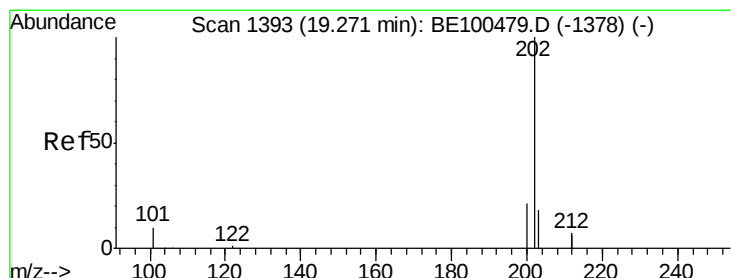
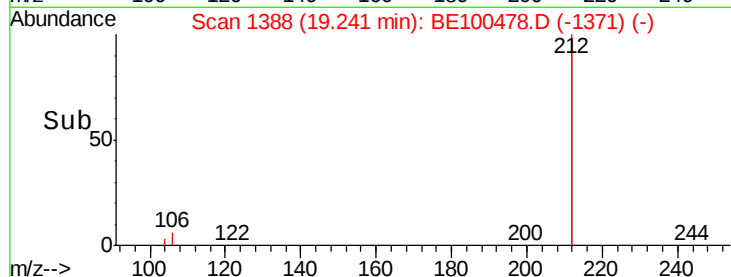
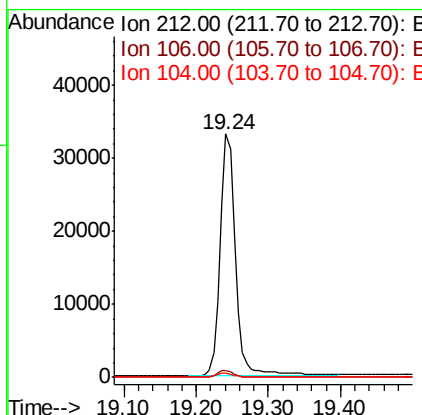
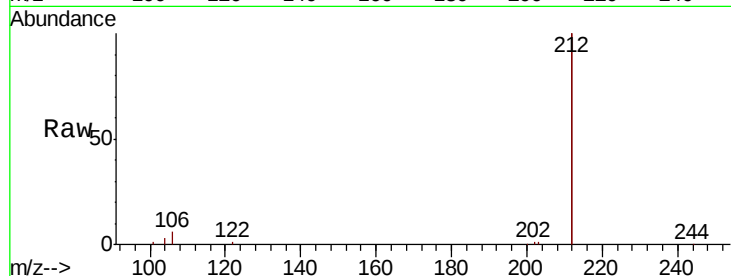




#25
 Fluoranthene-d10
 Concen: 0.193 ng
 RT: 19.24 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: BE100478.D
 Acq: 22 Jul 2019 13:13

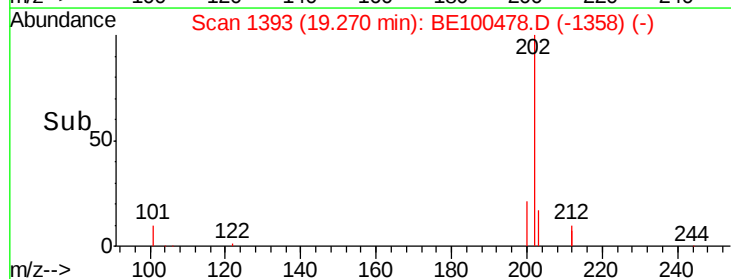
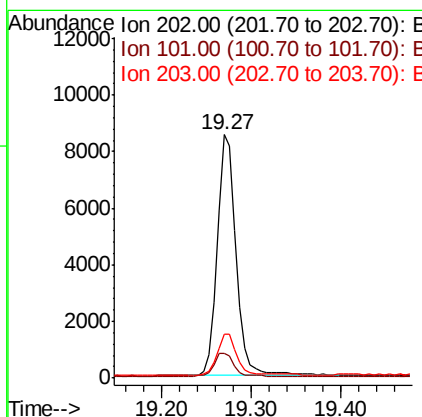
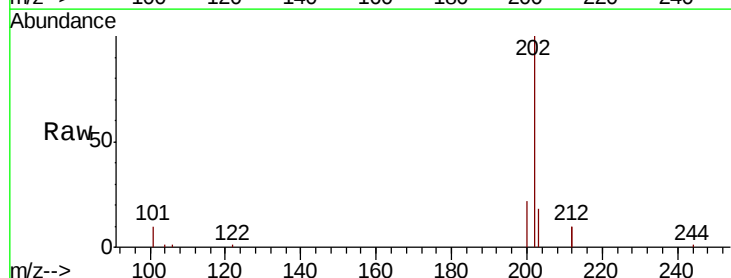
Instrument :
 BNA_E
 ClientSampleId :

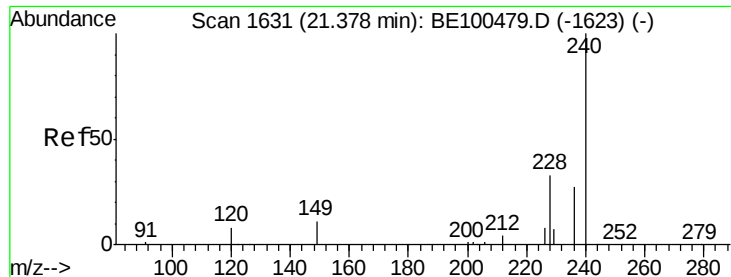
Tot Ion:212 Resp: 48720
 Ion Ratio Lower Upper
 212 100
 106 2.8 2.2 3.4
 104 1.5 1.2 1.8



#26
 Fluoranthene
 Concen: 0.189 ng
 RT: 19.27 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BE100478.D
 Acq: 22 Jul 2019 13:13

Tgt Ion:202 Resp: 12527
 Ion Ratio Lower Upper
 202 100
 101 10.2 8.0 12.0
 203 17.4 13.5 20.3





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BE100478.D

Acq: 22 Jul 2019 13:13

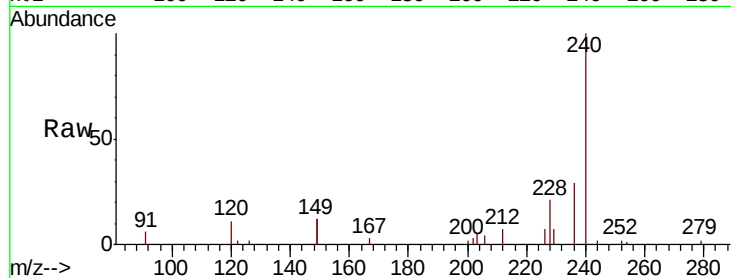
Instrument :

BNA_E

ClientSampleId :

Tot Ion:240 Resp: 21370

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.2	12.2
236	29.2	22.6	34.0

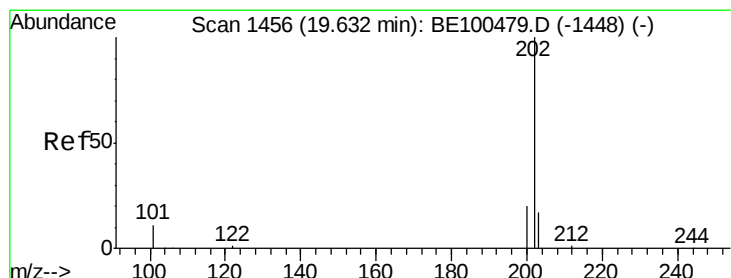
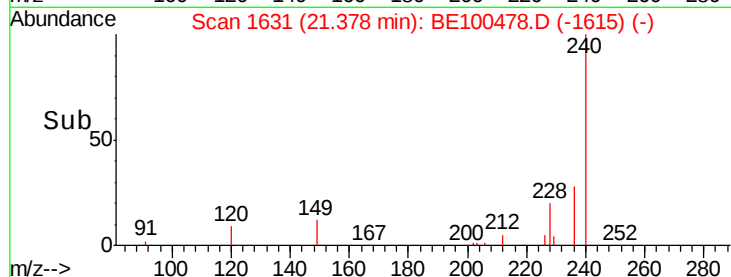
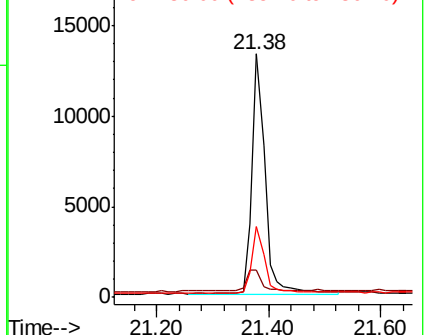


Abundance

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: 0.214 ng

RT: 19.63 min Scan# 1456

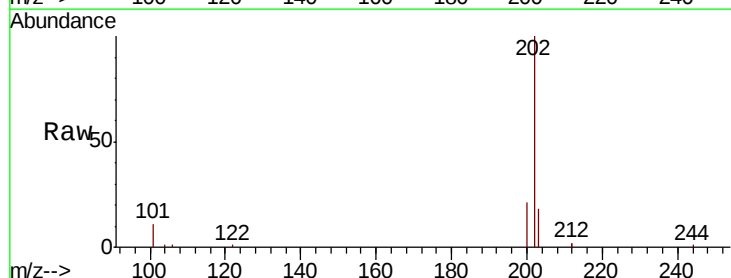
Delta R.T. -0.00 min

Lab File: BE100478.D

Acq: 22 Jul 2019 13:13

Tgt Ion:202 Resp: 13455

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	24.8
203	17.9	14.1	21.1

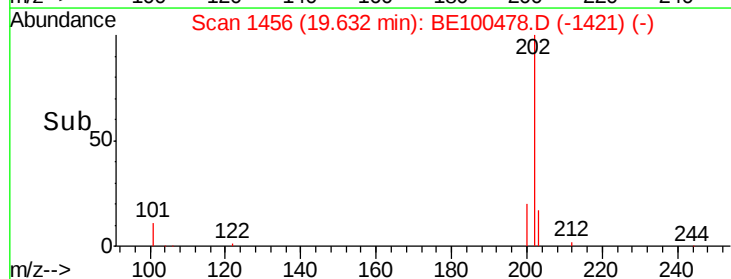
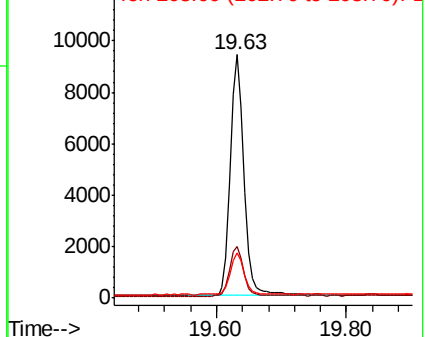


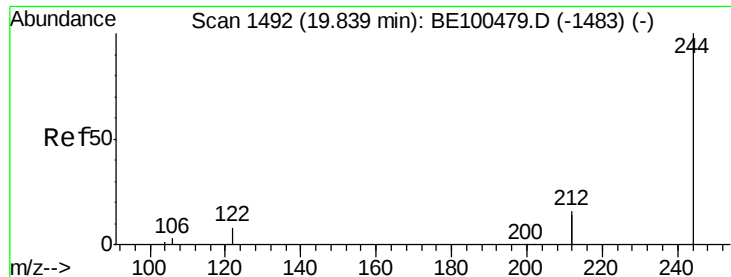
Abundance

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: 0.217 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BE100478.D

Acq: 22 Jul 2019 13:13

Instrument :

BNA_E

ClientSampleId :

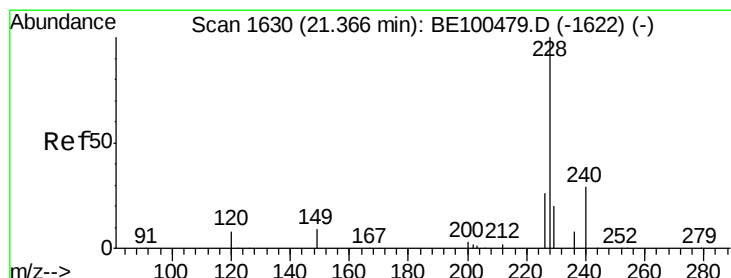
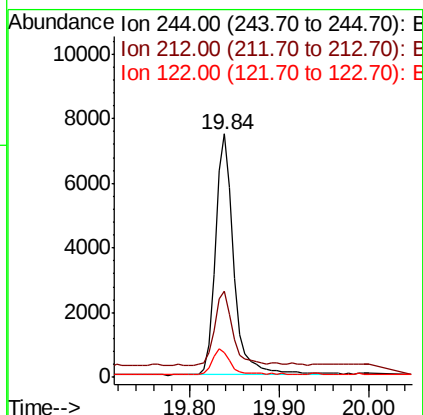
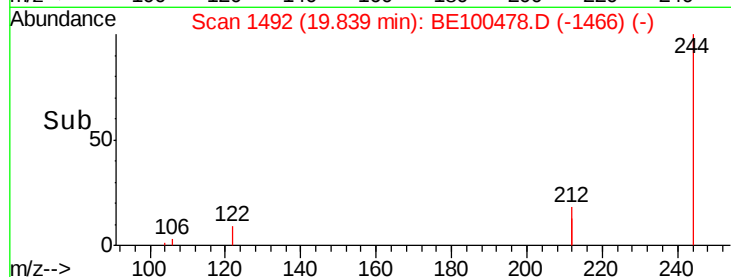
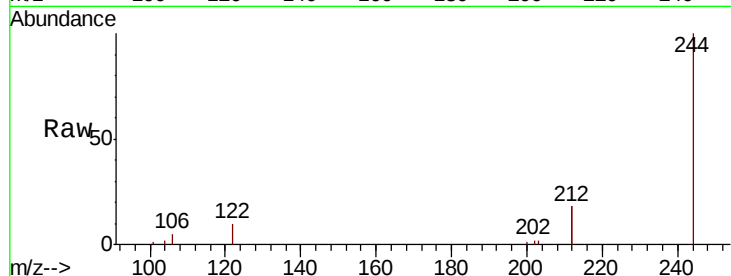
Tot Ion:244 Resp: 10670

Ion Ratio Lower Upper

244 100

212 35.6 25.6 38.4

122 10.2 7.2 10.8



#30

Benzo(a)anthracene

Concen: 0.198 ng

RT: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE100478.D

Acq: 22 Jul 2019 13:13

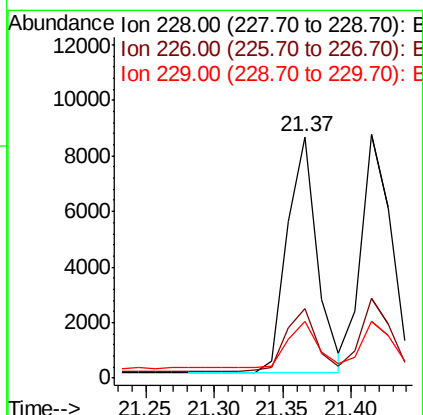
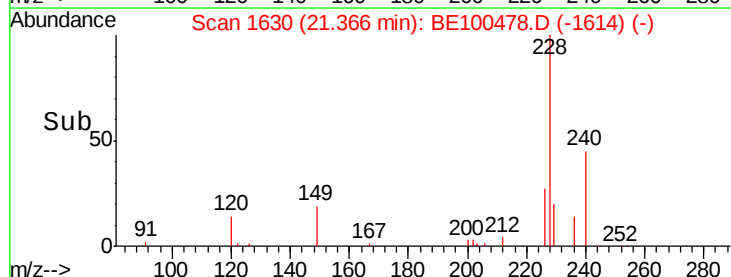
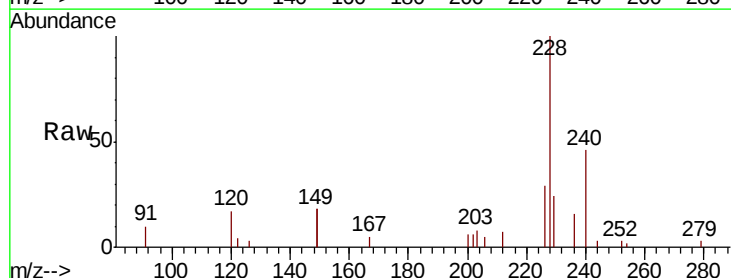
Tgt Ion:228 Resp: 12914

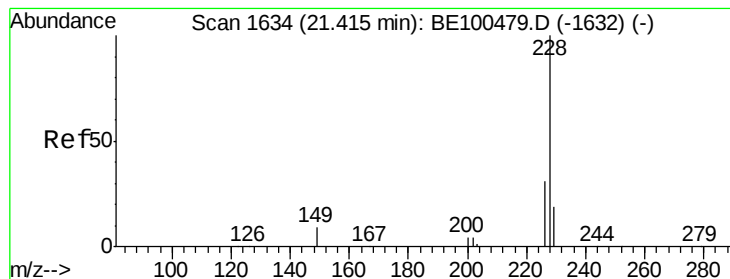
Ion Ratio Lower Upper

228 100

226 28.8 21.4 32.2

229 23.5 17.3 25.9





#31

Chrysene

Concen: 0.200 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE100478.D

Acq: 22 Jul 2019 13:13

Instrument :

BNA_E

ClientSampleId :

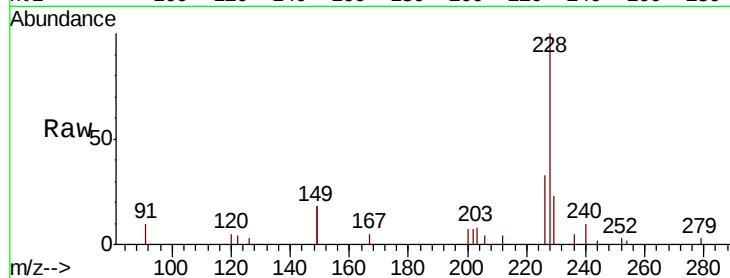
Tot Ion:228 Resp: 12996

Ion Ratio Lower Upper

228 100

226 32.6 25.0 37.6

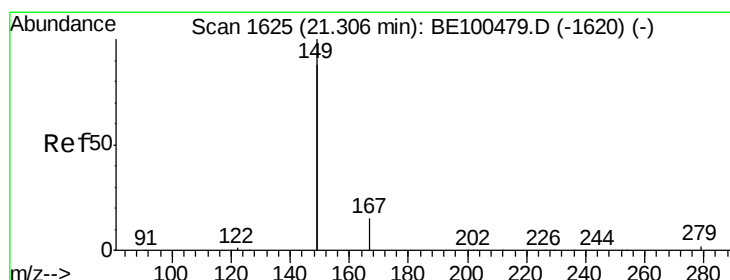
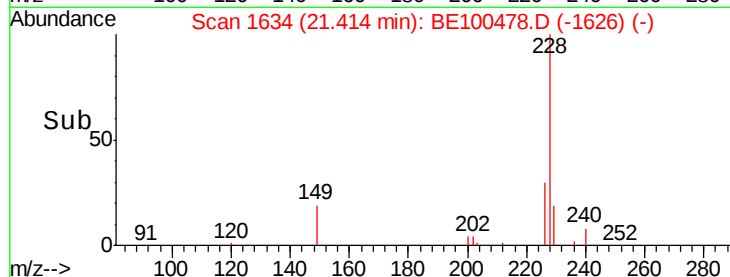
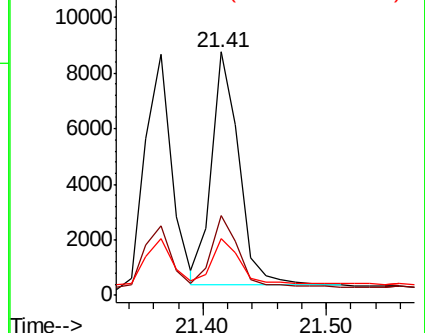
229 23.1 16.7 25.1



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: 0.217 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BE100478.D

Acq: 22 Jul 2019 13:13

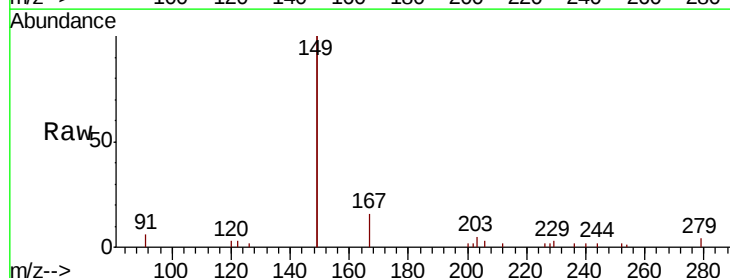
Tgt Ion:149 Resp: 31428

Ion Ratio Lower Upper

149 100

167 7.7 5.9 8.9

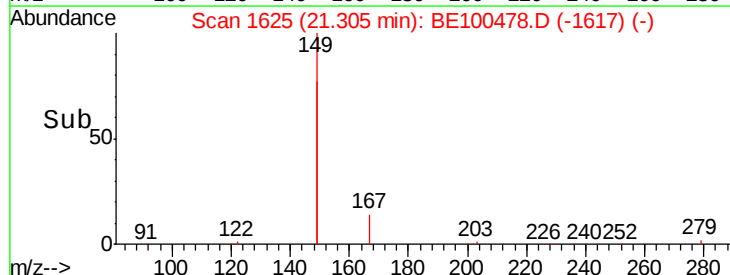
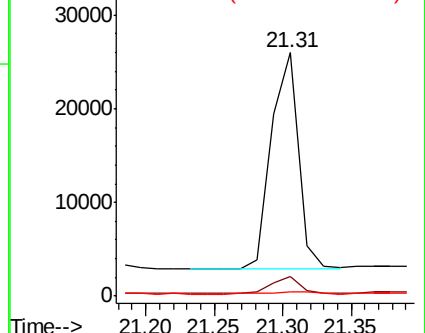
279 1.4 1.0 1.6

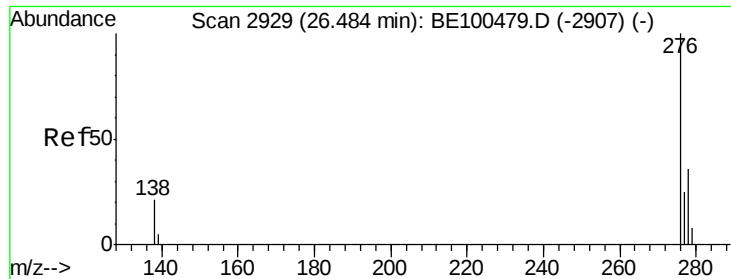


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

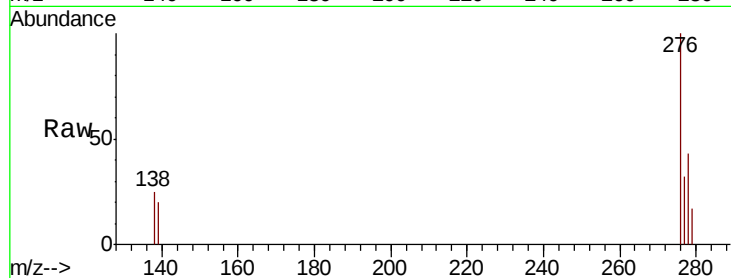




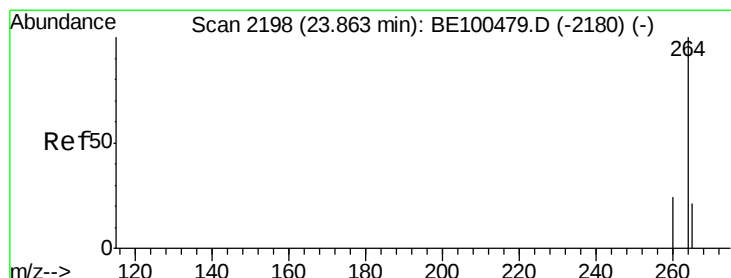
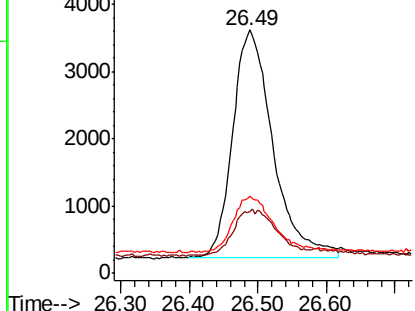
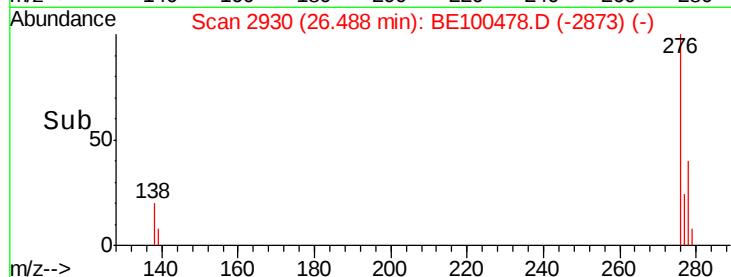
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.198 ng
RT: 26.49 min Scan# 2930
Delta R.T. 0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 13893
Ion Ratio Lower Upper
276 100
138 21.4 16.6 25.0
277 24.1 19.1 28.7

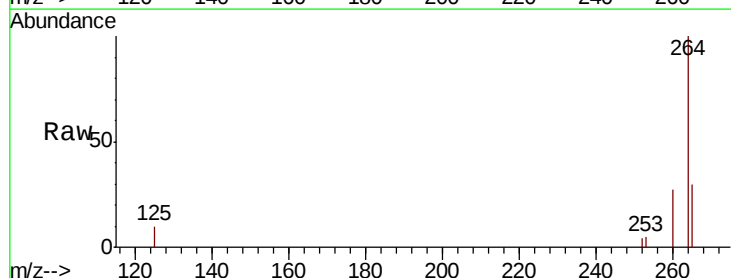


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

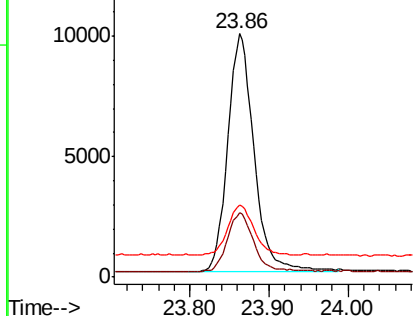
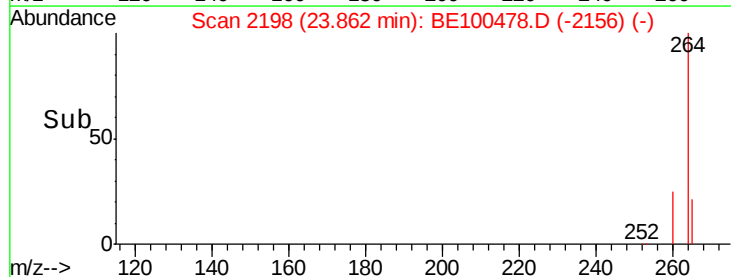


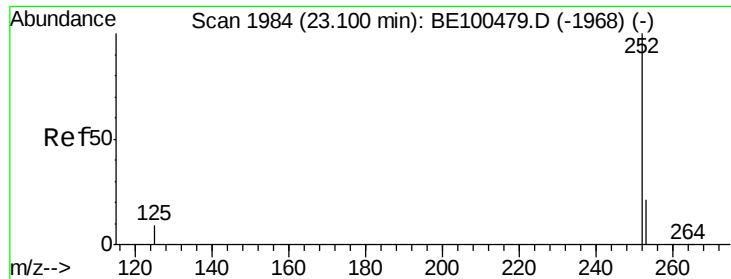
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Tgt Ion:264 Resp: 23016
Ion Ratio Lower Upper
264 100
260 26.5 20.7 31.1
265 29.8 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: 0.196 ng

RT: 23.10 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BE100478.D

Acq: 22 Jul 2019 13:13

Instrument :

BNA_E

ClientSampleId :

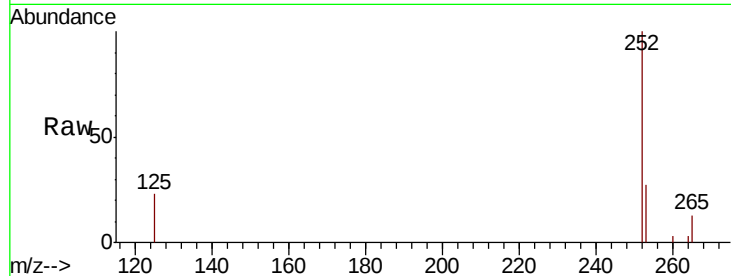
Tot Ion:252 Resp: 12439

Ion Ratio Lower Upper

252 100

253 27.4 19.2 28.8

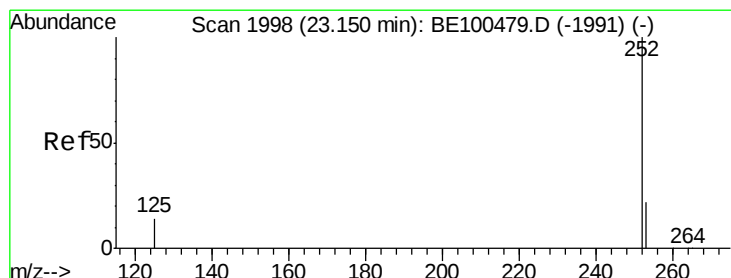
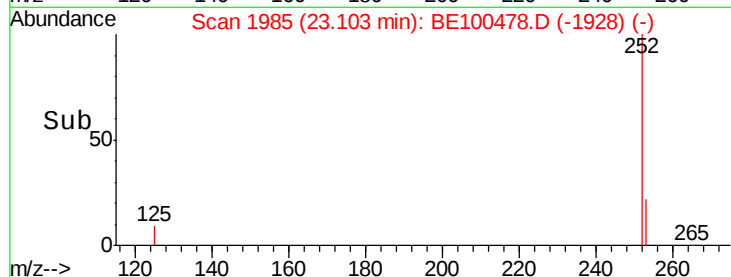
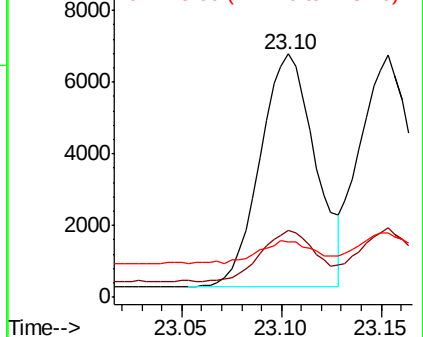
125 22.8 11.9 17.9#



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



#36

Benzo(k)fluoranthene

Concen: 0.194 ng

RT: 23.15 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BE100478.D

Acq: 22 Jul 2019 13:13

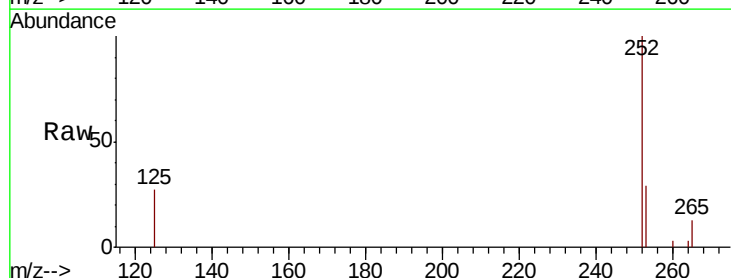
Tgt Ion:252 Resp: 13079

Ion Ratio Lower Upper

252 100

253 28.7 19.7 29.5

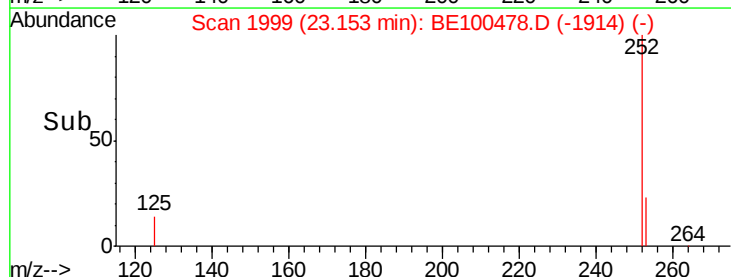
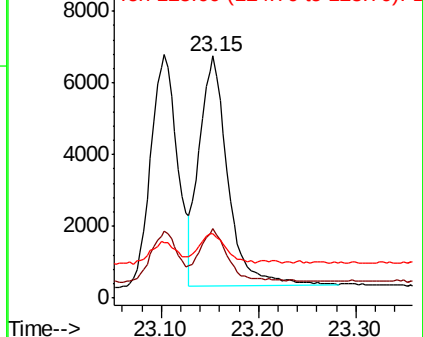
125 26.7 15.2 22.8#

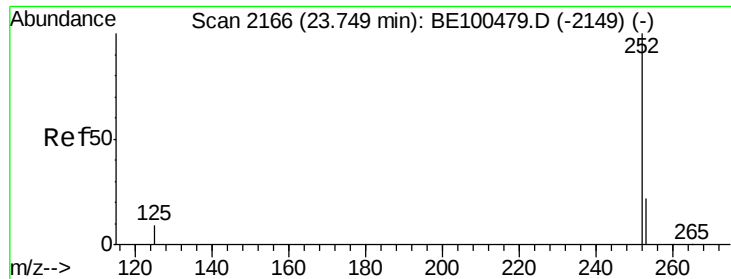


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

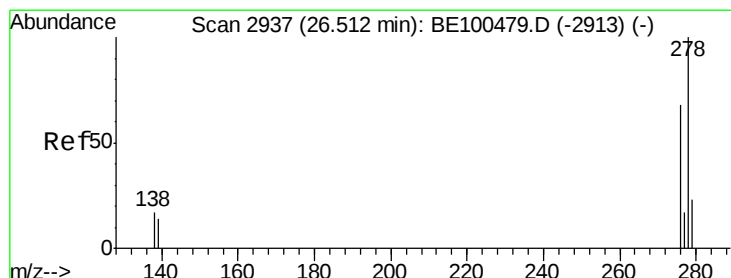
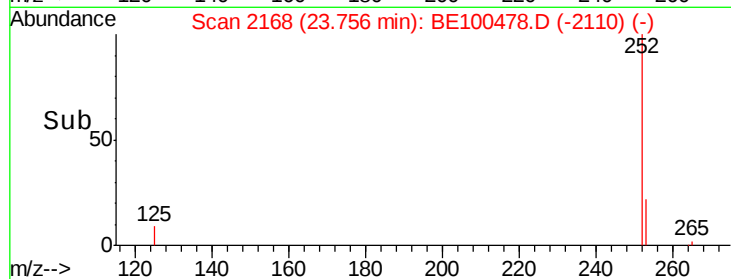
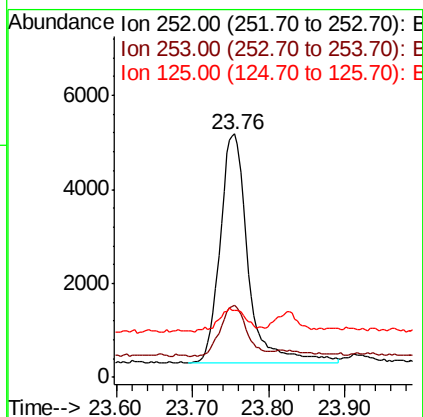
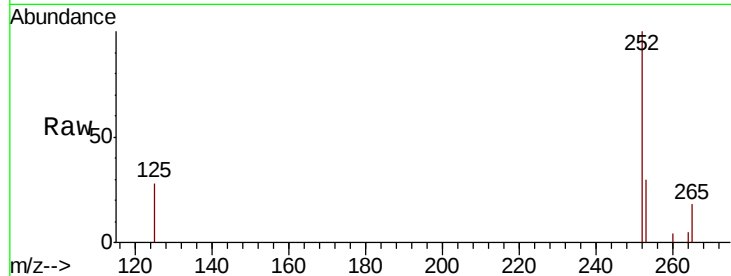




#37
Benzo(a)pyrene
Concen: 0.203 ng
RT: 23.76 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

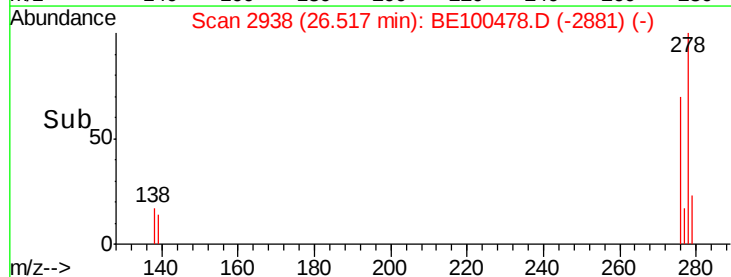
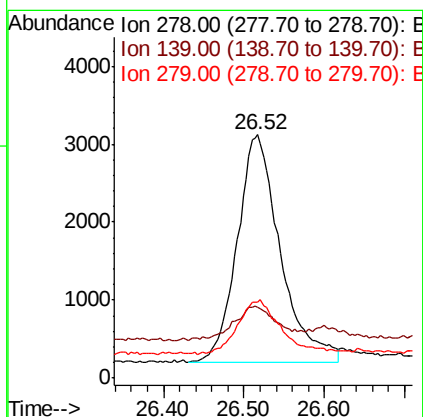
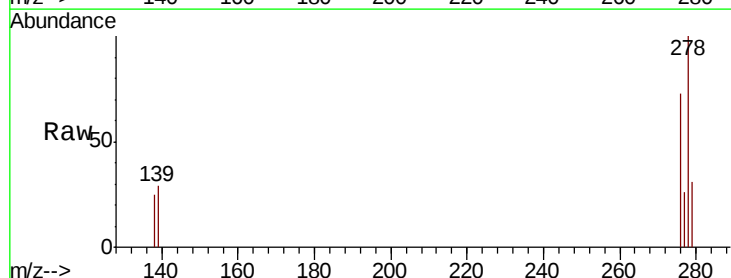
Instrument :
BNA_E
ClientSampleId :

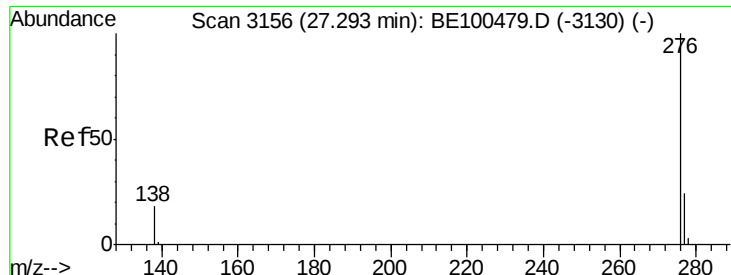
Tot Ion:252 Resp: 12460
Ion Ratio Lower Upper
252 100
253 29.7 20.0 30.0
125 27.6 14.1 21.1#



#38
Dibenzo(a,h)anthracene
Concen: 0.188 ng
RT: 26.52 min Scan# 2938
Delta R.T. 0.00 min
Lab File: BE100478.D
Acq: 22 Jul 2019 13:13

Tgt Ion:278 Resp: 10845
Ion Ratio Lower Upper
278 100
139 29.0 16.8 25.2#
279 31.3 21.8 32.8





#39

Benzo(a,h,i)perylene

Concen: 0.196 ng

RT: 27.30 min Scan# 3157

Delta R.T. 0.00 min

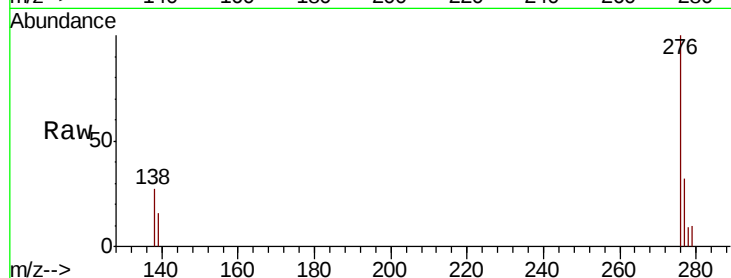
Lab File: BE100478.D

Acq: 22 Jul 2019 13:13

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 11685

Ion Ratio Lower Upper

276 100

277 31.9 22.0 33.0

138 26.9 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

