

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072319\
 Data File : BE100491.D
 Acq On : 23 Jul 2019 8:28
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jul 24 02:04:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 23 08:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	2536	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	10960	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	7266	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	19249	0.40	ng	0.00
27) Chrysene-d12	21.38	240	21944	0.40	ng	0.00
34) Perylene-d12	23.85	264	23481	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	2405	0.39	ng	0.00
5) Phenol-d6	7.03	99	3473	0.39	ng	0.00
8) Nitrobenzene-d5	9.02	82	3381	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	7040	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1119	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	11310	0.38	ng	0.00
25) Fluoranthene-d10	19.24	212	97750	0.37	ng	0.00
29) Terphenyl-d14	19.83	244	20621	0.38	ng	0.00

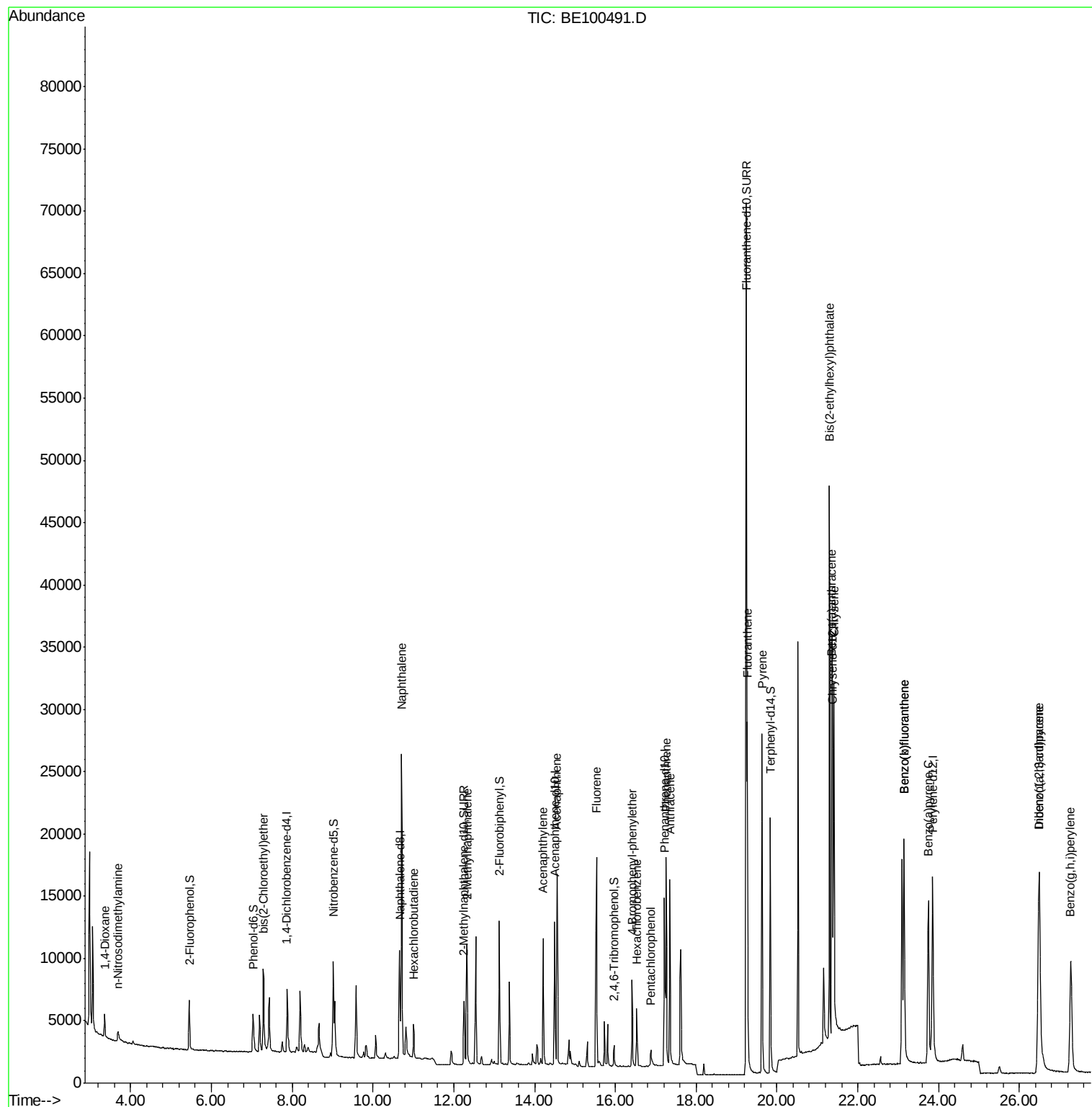
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.36	88	1396	0.322	ng	97
3) n-Nitrosodimethylamine	3.68	42	646	0.278	ng	# 69
6) bis(2-Chloroethyl)ether	7.30	93	3089	0.407	ng	92
9) Naphthalene	10.71	128	40916	0.389	ng	100
10) Hexachlorobutadiene	11.00	225	1980	0.393	ng	98
12) 2-Methylnaphthalene	12.32	142	7242	0.383	ng	98
16) Acenaphthylene	14.21	152	12418	0.370	ng	99
17) Acenaphthene	14.56	154	7623	0.377	ng	100
18) Fluorene	15.53	166	10369	0.384	ng	100
20) 4-Bromophenyl-phenylether	16.41	248	3589	0.392	ng	# 77
21) Hexachlorobenzene	16.53	284	3676	0.390	ng	99
22) Pentachlorophenol	16.88	266	1197	0.391	ng	98
23) Phenanthrene	17.26	178	18310	0.388	ng	99
24) Anthracene	17.35	178	16579	0.369	ng	99
26) Fluoranthene	19.27	202	25680	0.378	ng	100
28) Pyrene	19.63	202	26510	0.388	ng	100
30) Benzo(a)anthracene	21.35	228	26030	0.389	ng	96
31) Chrysene	21.41	228	25420	0.384	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	55310	0.360	ng	# 100
33) Indeno(1,2,3-cd)pyrene	26.48	276	28008	0.388	ng	99
35) Benzo(b)fluoranthene	23.14	252	26136	0.406	ng	98
36) Benzo(k)fluoranthene	23.14	252	26824	0.398	ng	96
37) Benzo(a)pyrene	23.75	252	23950	0.383	ng	# 94
38) Dibenzo(a,h)anthracene	26.50	278	22576	0.382	ng	95
39) Benzo(g,h,i)perylene	27.27	276	23359	0.387	ng	98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072319\
Data File : BE100491.D
Acq On : 23 Jul 2019 8:28
Operator : HP/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 24 02:04:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 23 08:06:59 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.87 min Scan# 435

Delta R.T. -0.00 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

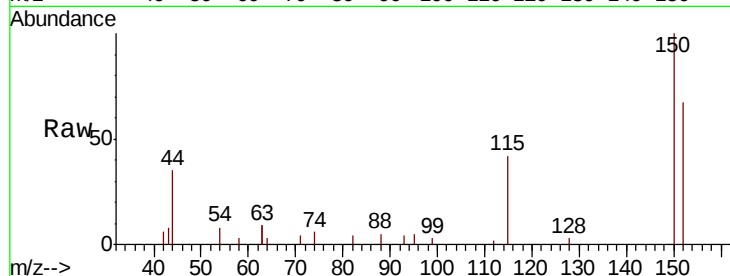
Tgt Ion:152 Resp: 2536

Ion Ratio Lower Upper

152 100

150 150.2 115.0 172.6

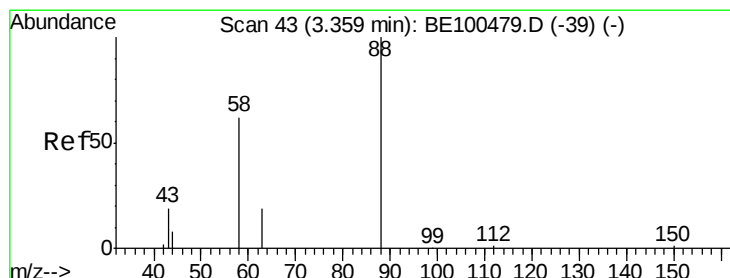
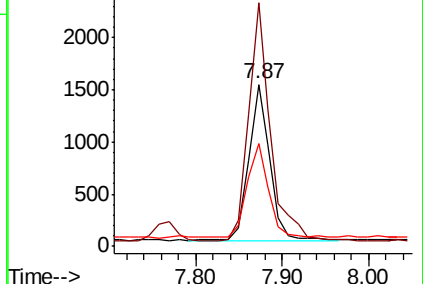
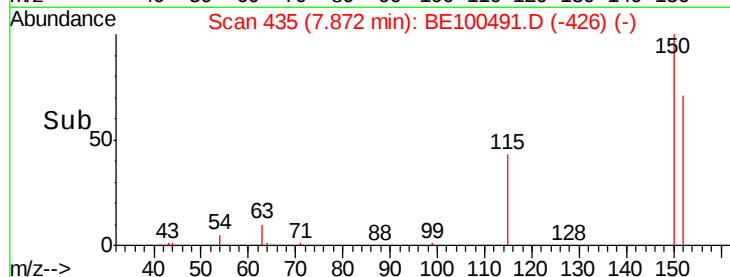
115 63.3 52.9 79.3



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: 0.322 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.00 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

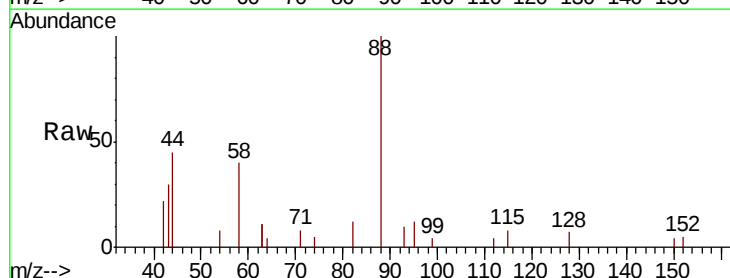
Tgt Ion: 88 Resp: 1396

Ion Ratio Lower Upper

88 100

58 69.9 53.2 79.8

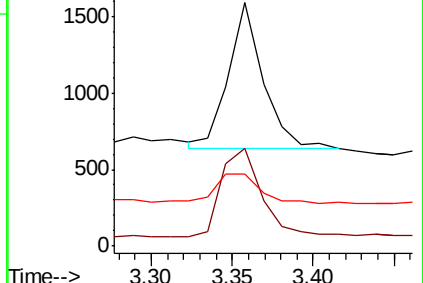
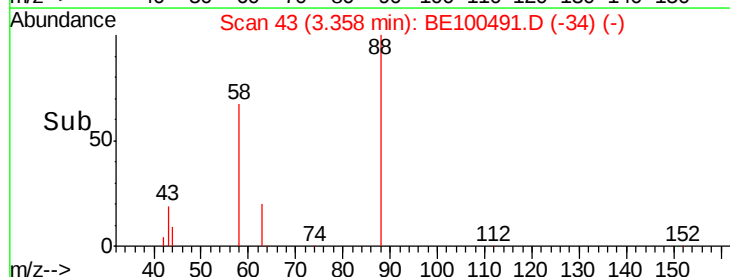
43 26.6 20.8 31.2

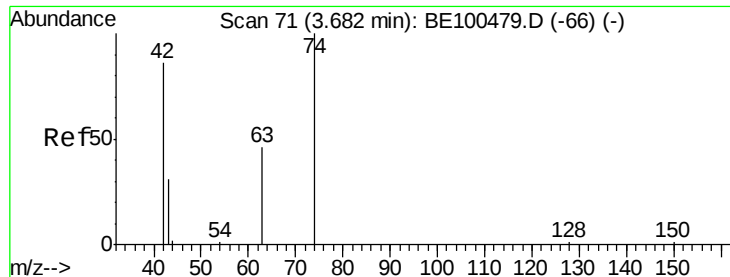


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.278 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

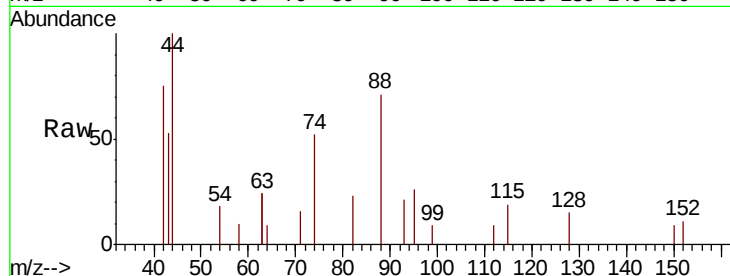
Tgt Ion: 42 Resp: 646

Ion Ratio Lower Upper

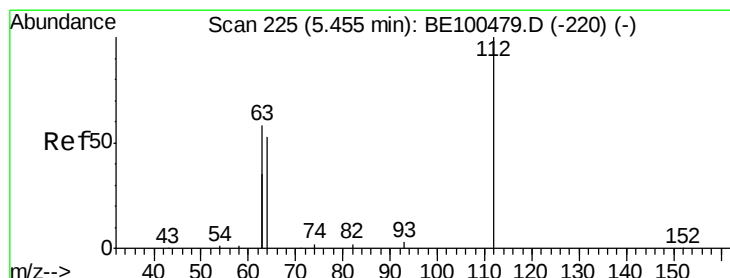
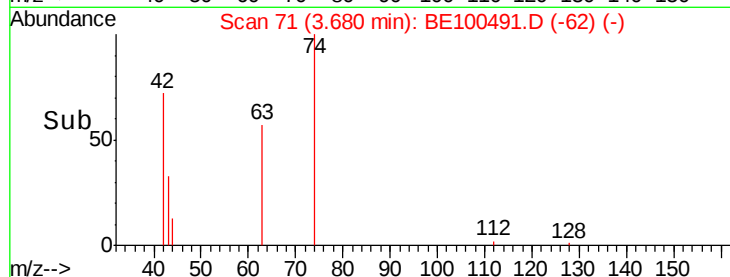
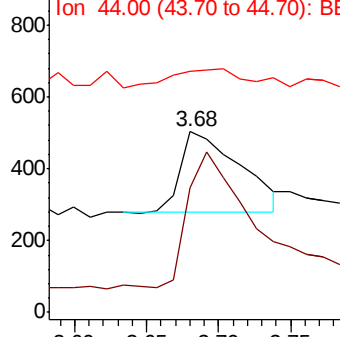
42 100

74 0.0 0.0 0.0

44 0.0 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: 0.389 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

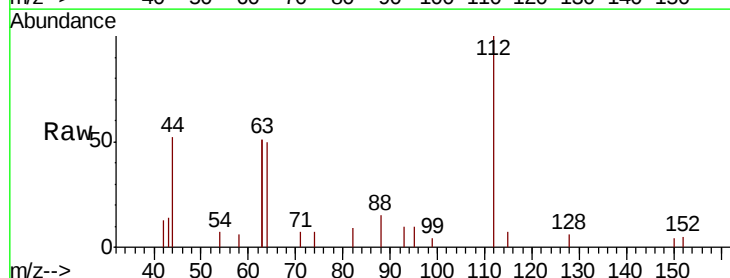
Tgt Ion: 112 Resp: 2405

Ion Ratio Lower Upper

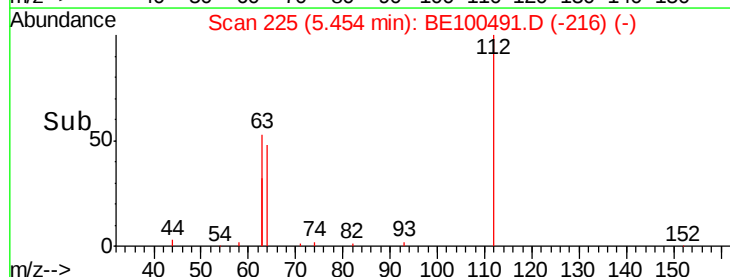
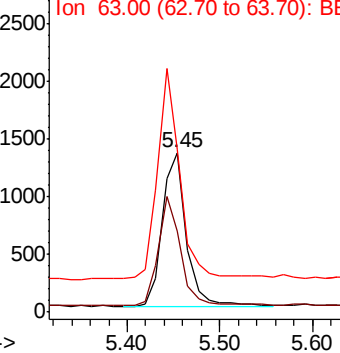
112 100

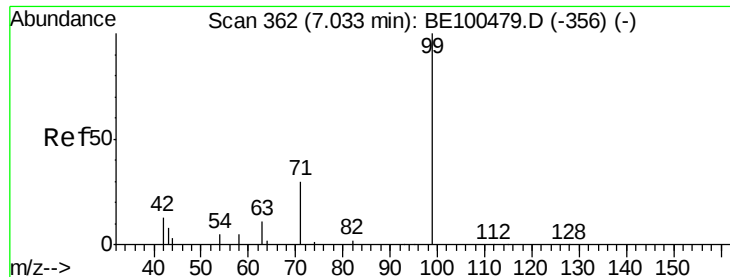
64 65.2 54.1 81.1

63 127.6 104.6 157.0



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: 0.393 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.00 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

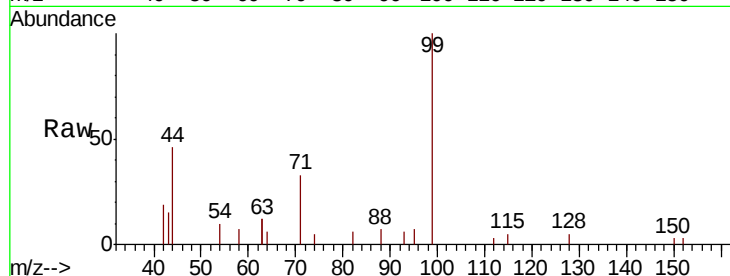
Tgt Ion: 99 Resp: 3473

Ion Ratio Lower Upper

99 100

42 16.9 14.5 21.7

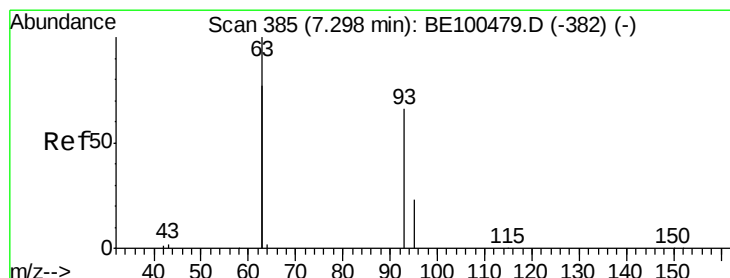
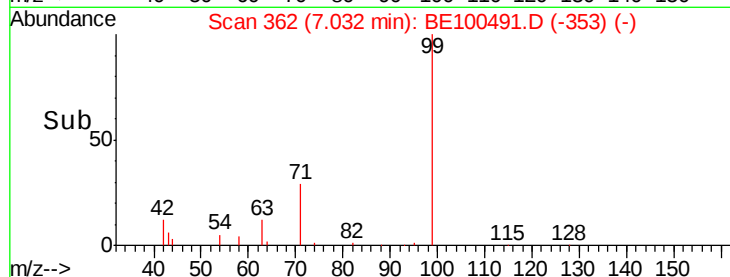
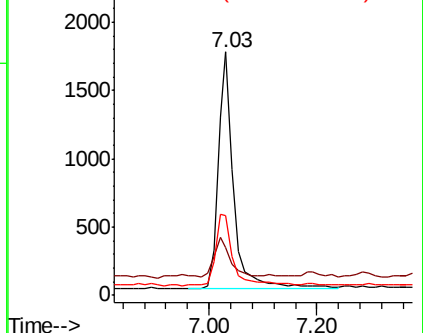
71 34.5 26.4 39.6



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: 0.407 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

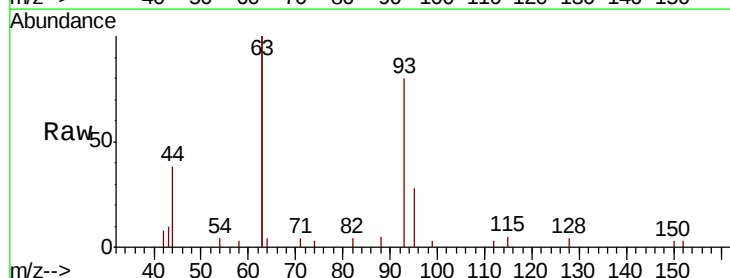
Tgt Ion: 93 Resp: 3089

Ion Ratio Lower Upper

93 100

63 294.0 248.3 372.5

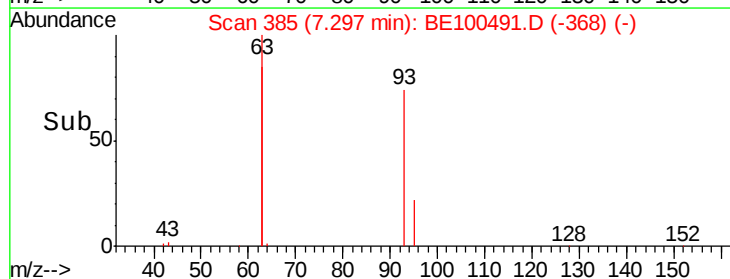
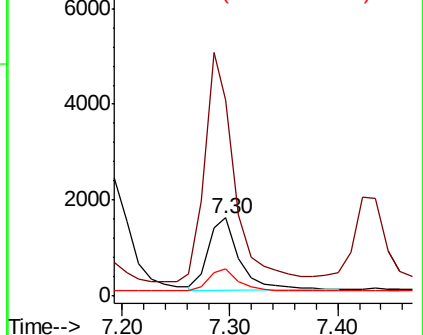
95 29.2 25.4 38.0

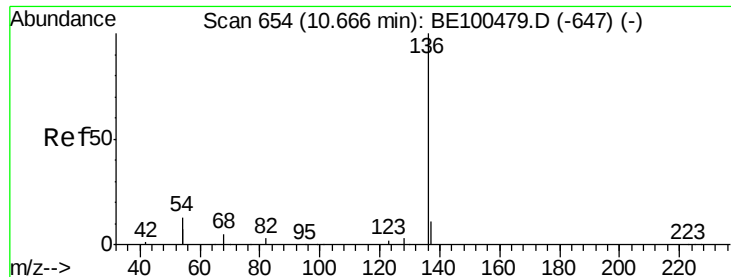


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: BE100491.D

Acq: 23 Jul 2019 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 10960

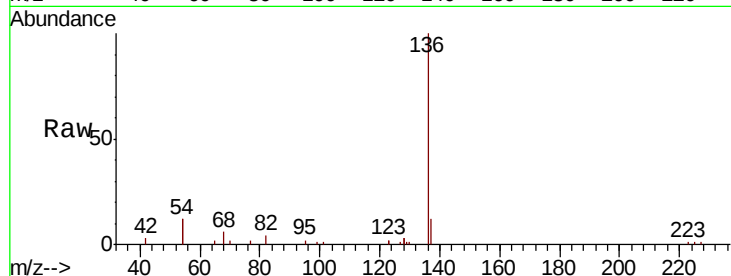
Ion Ratio Lower Upper

136 100

137 11.7 9.8 14.6

54 23.3 20.6 31.0

68 5.9 5.3 7.9

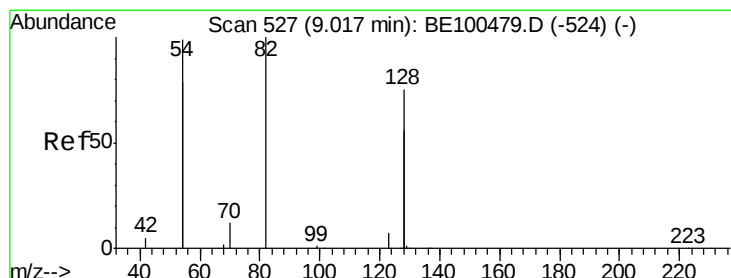
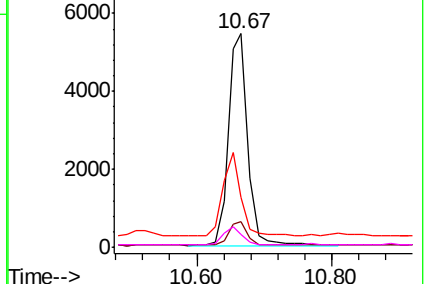
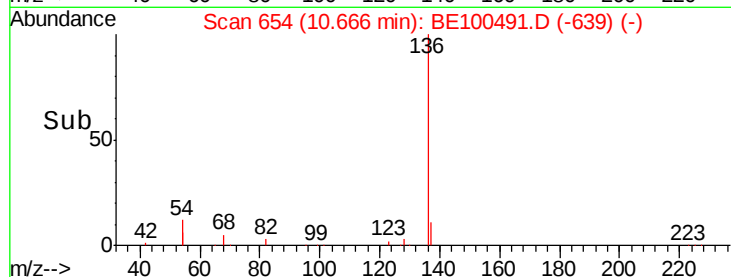


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.371 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

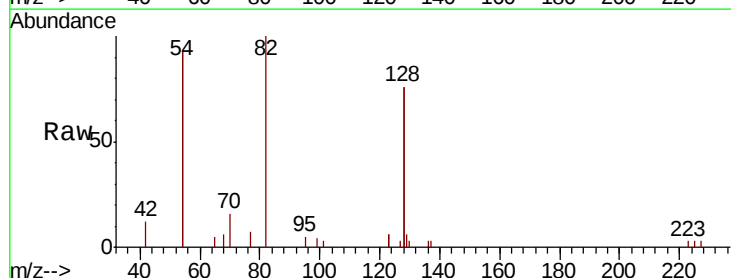
Tgt Ion: 82 Resp: 3381

Ion Ratio Lower Upper

82 100

128 151.1 113.6 170.4

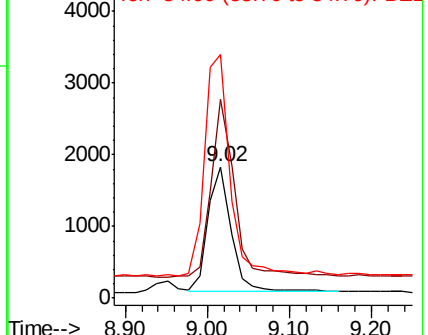
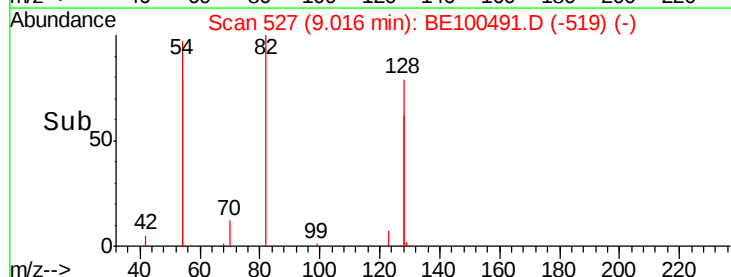
54 185.1 150.6 226.0

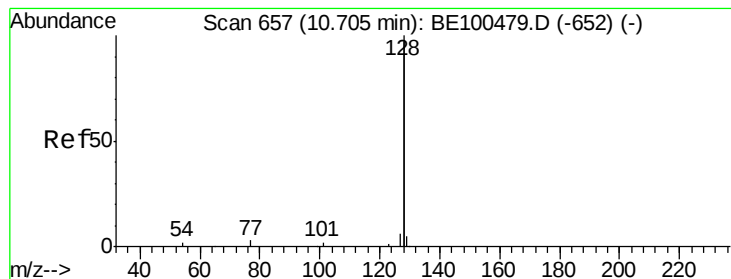


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.389 ng

RT: 10.71 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

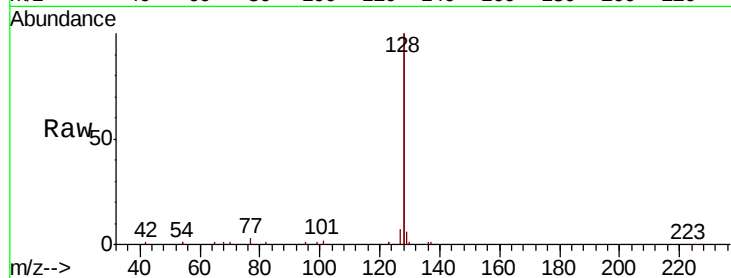
Tgt Ion:128 Resp: 40916

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

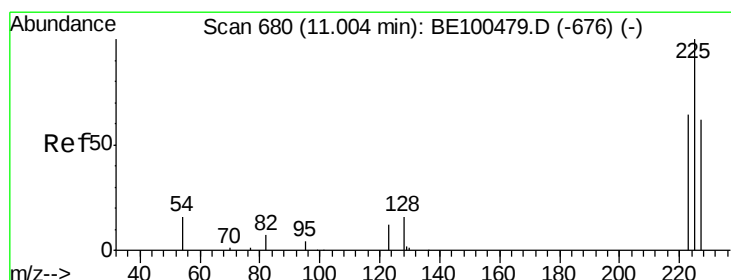
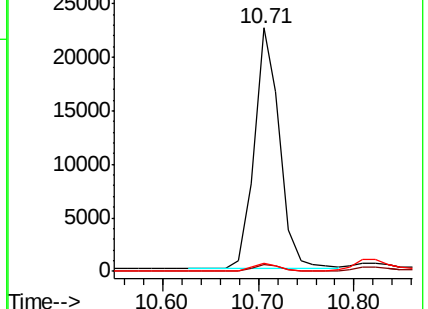
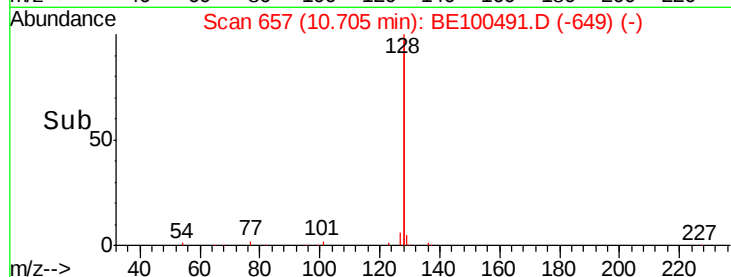
127 3.4 2.7 4.1



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: 0.393 ng

RT: 11.00 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

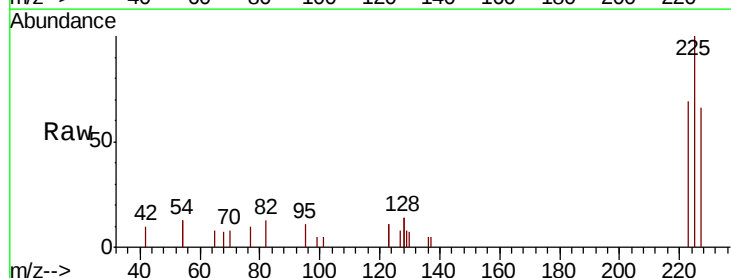
Tgt Ion:225 Resp: 1980

Ion Ratio Lower Upper

225 100

223 63.7 49.4 74.0

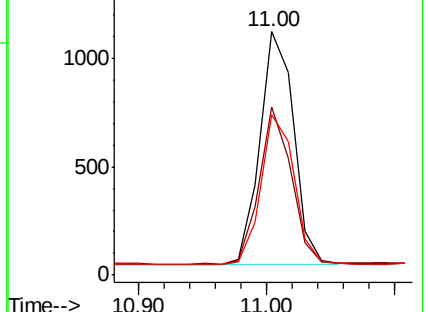
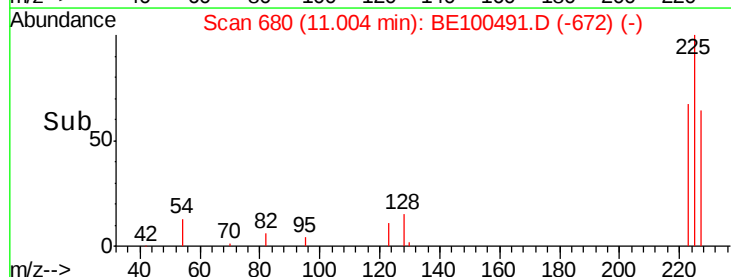
227 63.1 51.4 77.2

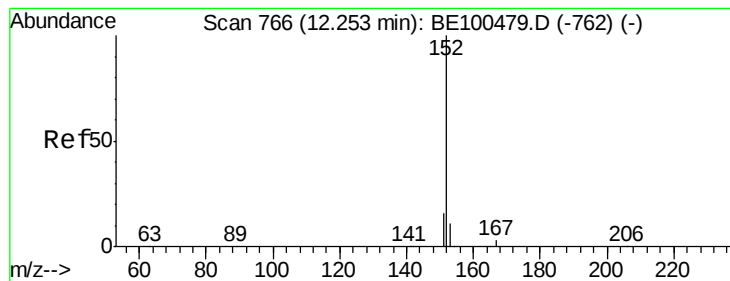


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.388 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.00 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

Instrument :

BNA_E

ClientSampleId :

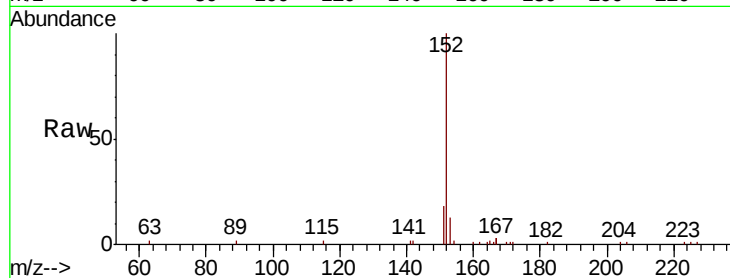
SSTDCCC0.4

Tgt Ion:152 Resp: 7040

Ion Ratio Lower Upper

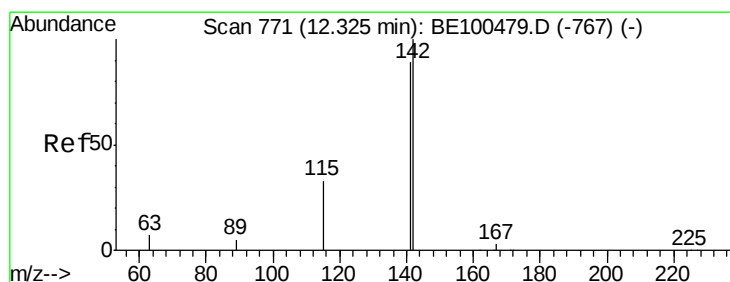
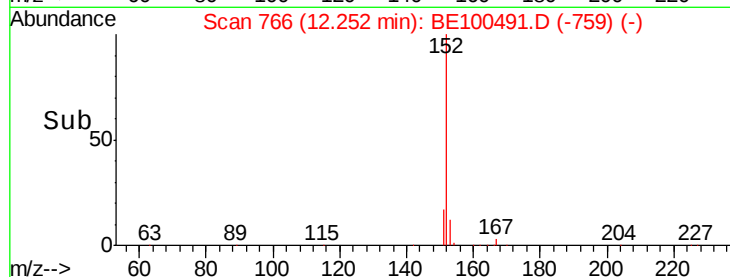
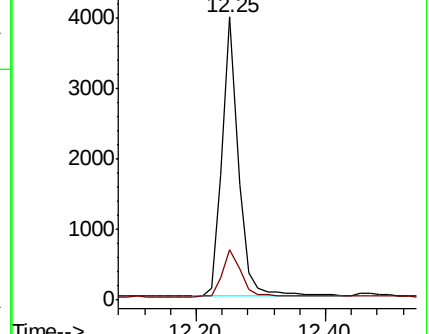
152 100

151 19.0 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: 0.383 ng

RT: 12.32 min Scan# 771

Delta R.T. -0.00 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

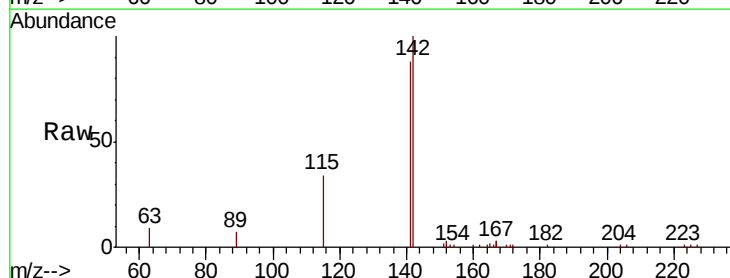
Tgt Ion:142 Resp: 7242

Ion Ratio Lower Upper

142 100

141 87.7 71.7 107.5

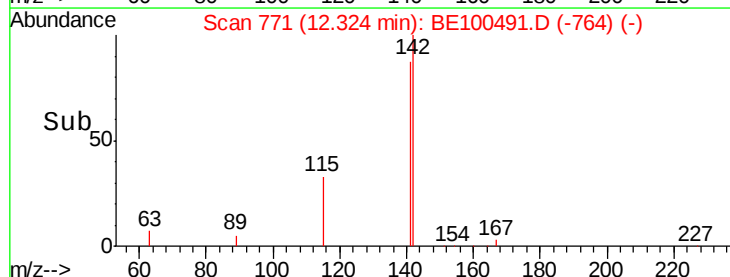
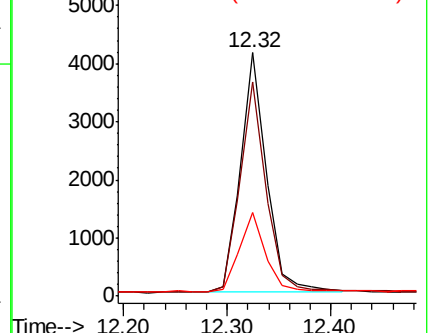
115 34.3 27.8 41.6

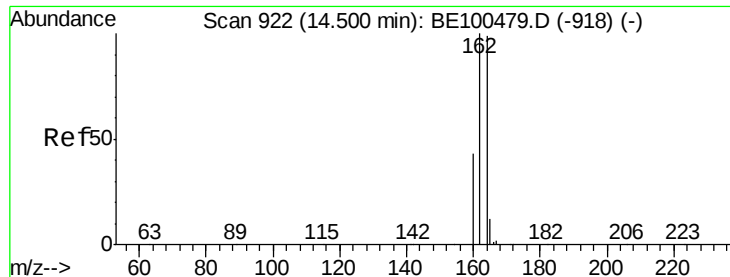


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

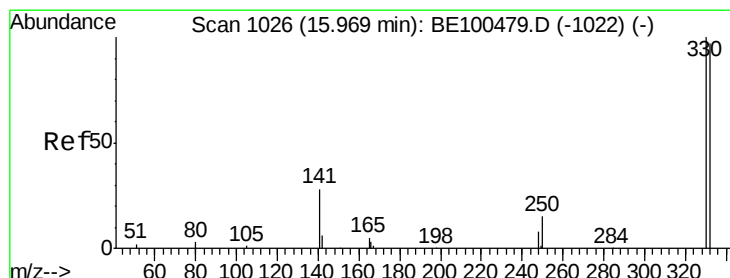
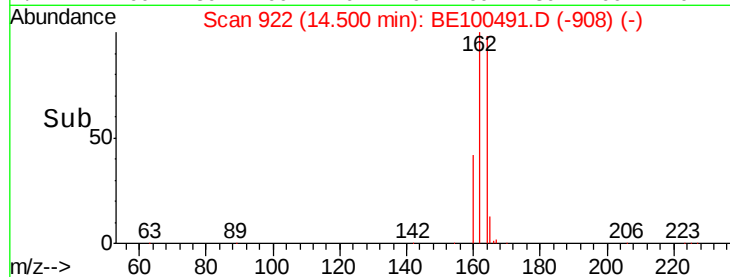
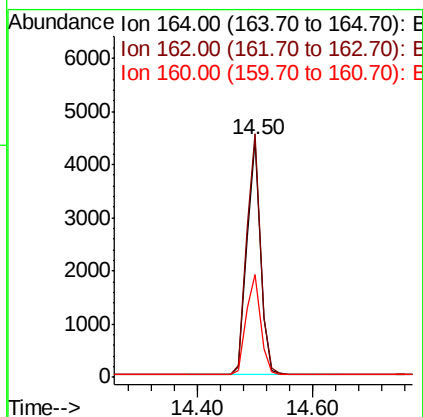
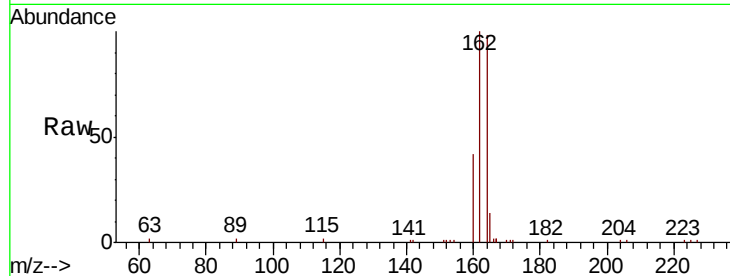




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

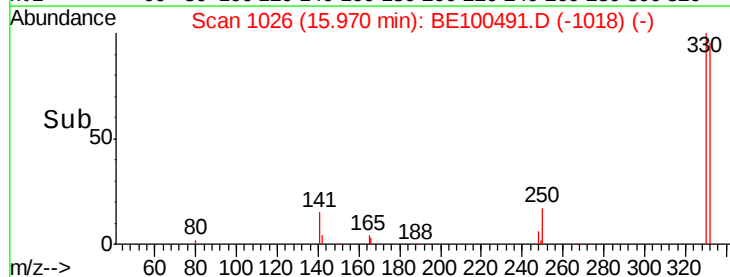
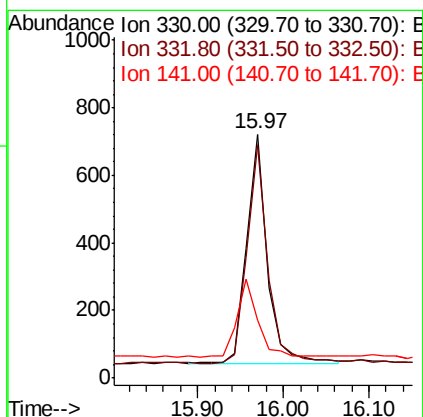
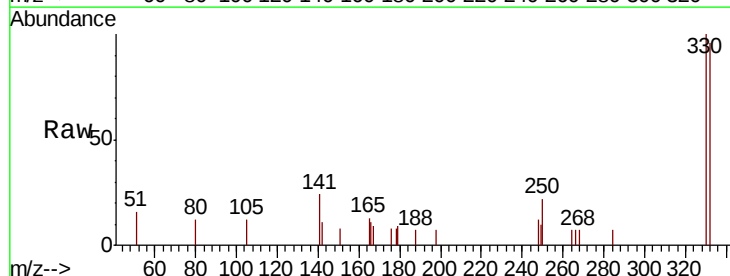
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

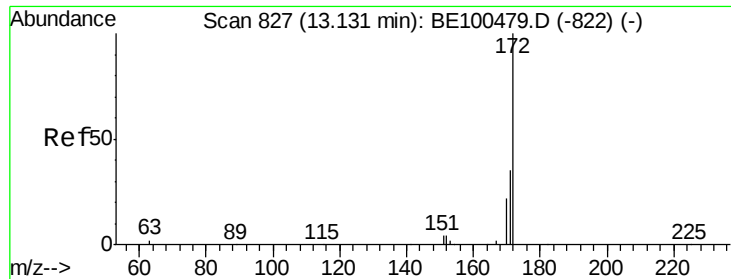
Tgt Ion:164 Resp: 7266
Ion Ratio Lower Upper
164 100
162 102.5 80.8 121.2
160 43.1 34.9 52.3



#14
2,4,6-Tribromophenol
Concen: 0.355 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Tgt Ion:330 Resp: 1119
Ion Ratio Lower Upper
330 100
332 97.2 80.5 120.7
141 36.9 29.9 44.9

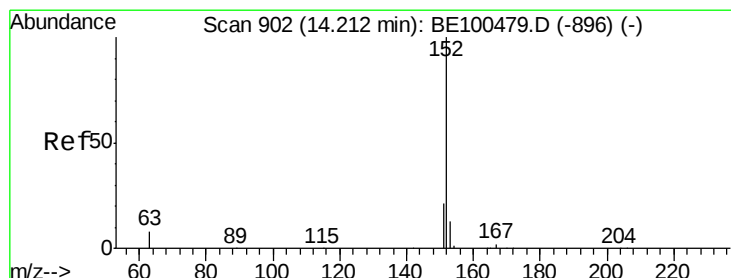
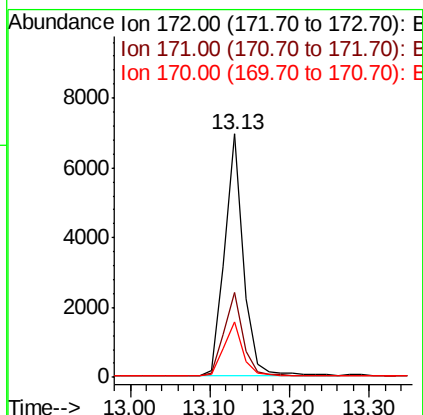
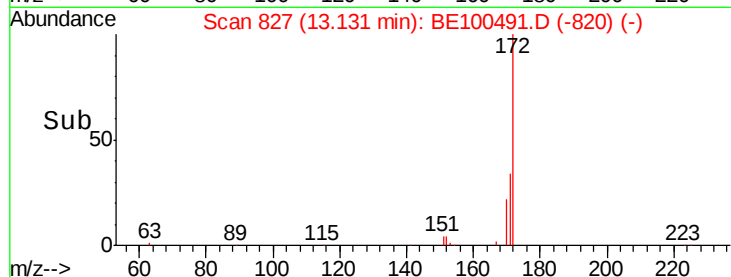
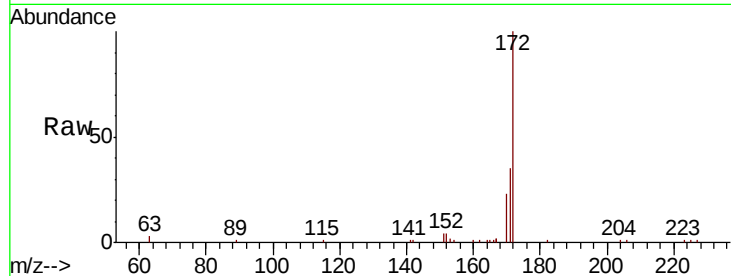




#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

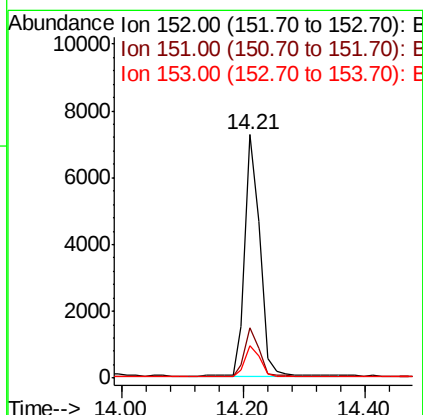
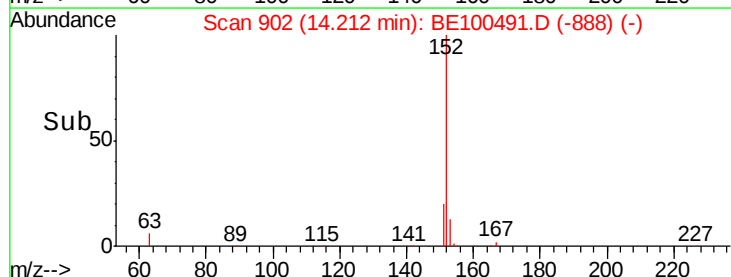
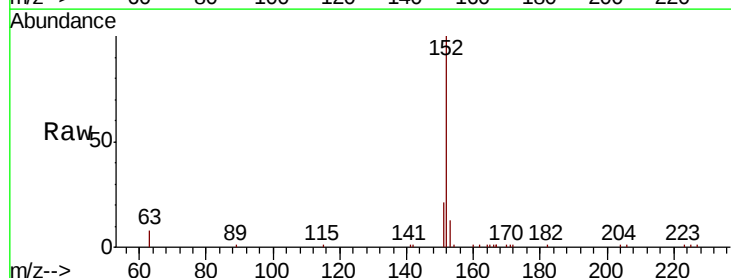
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

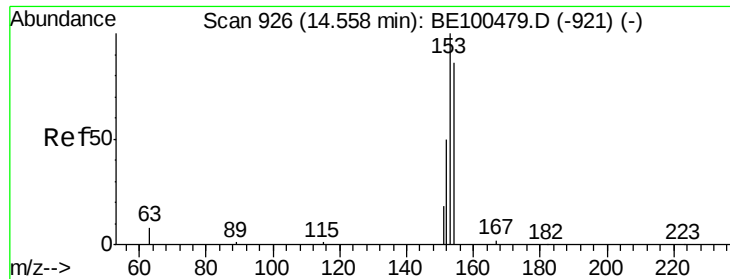
Tgt Ion:172 Resp: 11310
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 22.6 17.8 26.8



#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Tgt Ion:152 Resp: 12418
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 12.9 10.6 16.0

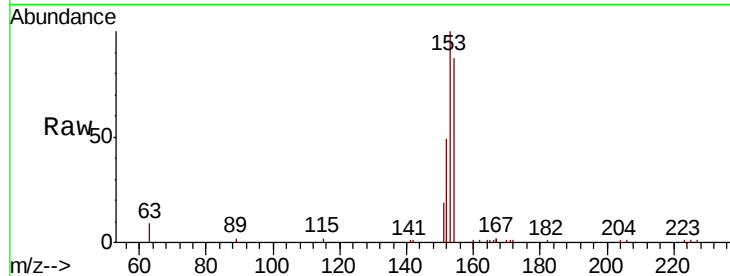




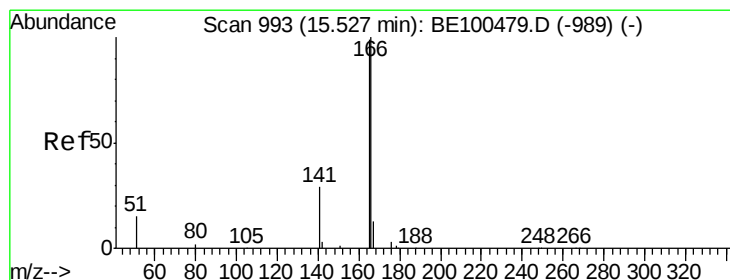
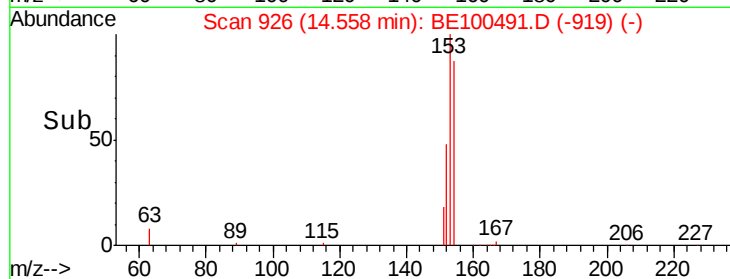
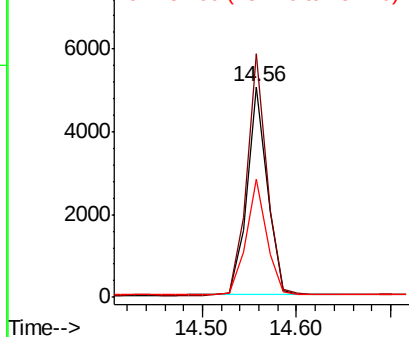
#17
Acenaphthene
Concen: 0.377 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 7623
Ion Ratio Lower Upper
154 100
153 113.3 90.8 136.2
152 56.1 45.1 67.7

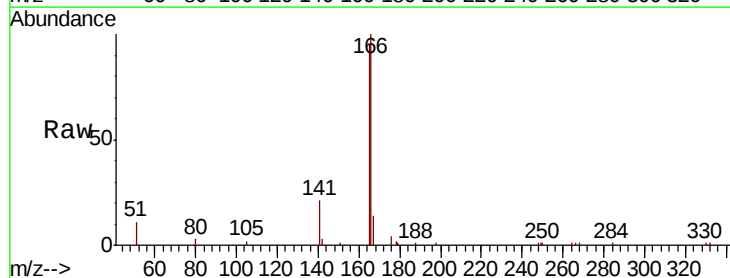


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

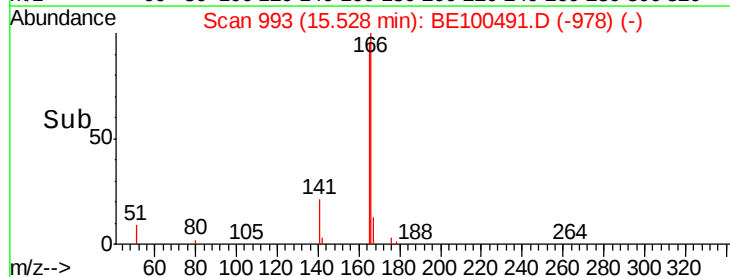
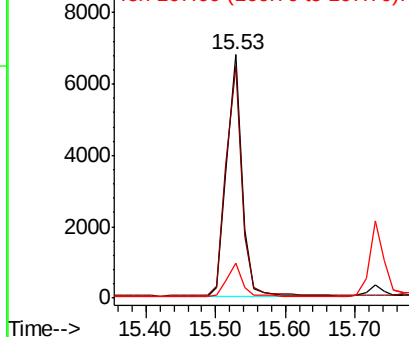


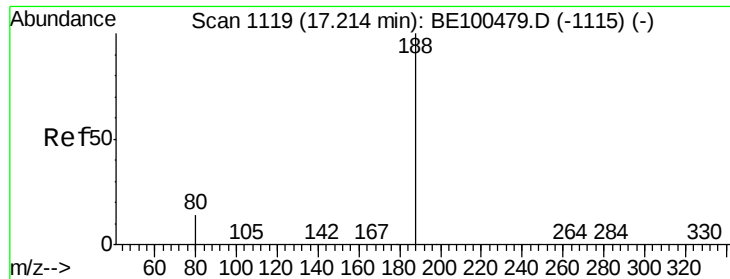
#18
Fluorene
Concen: 0.384 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Tgt Ion:166 Resp: 10369
Ion Ratio Lower Upper
166 100
165 97.8 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: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

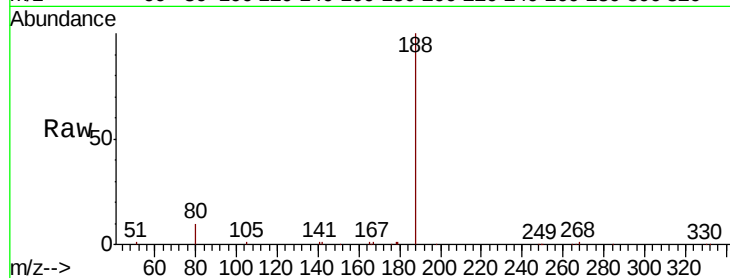
Tgt Ion:188 Resp: 19249

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

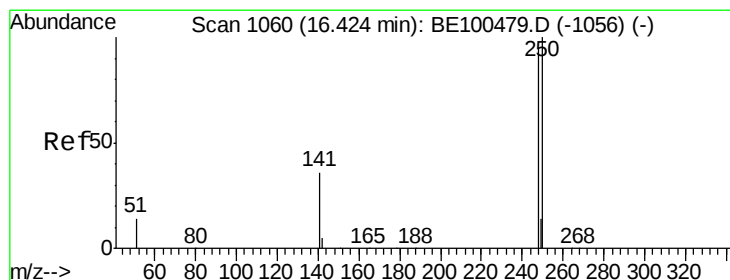
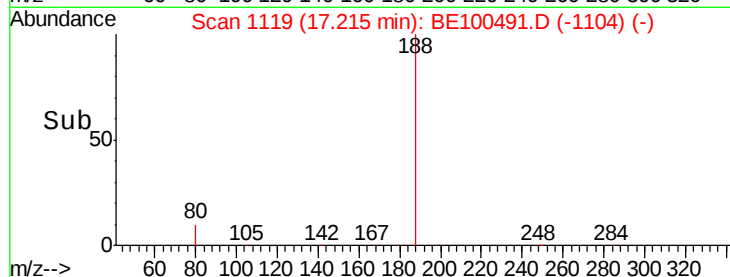
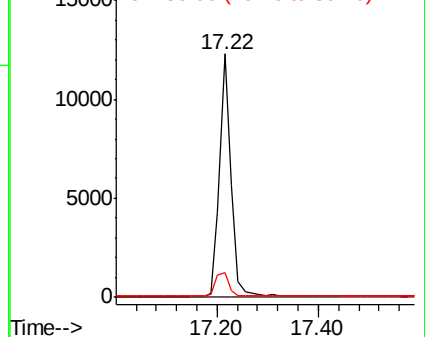
80 10.3 11.9 17.9#



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: 0.392 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

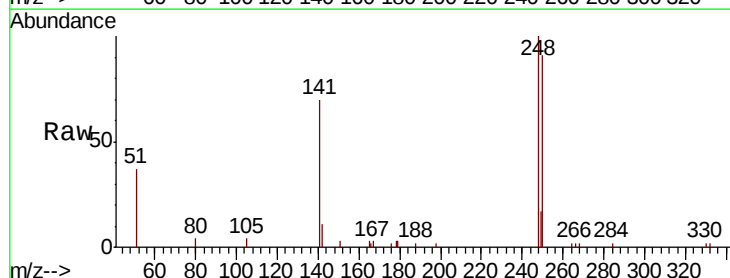
Tgt Ion:248 Resp: 3589

Ion Ratio Lower Upper

248 100

250 90.9 84.4 126.6

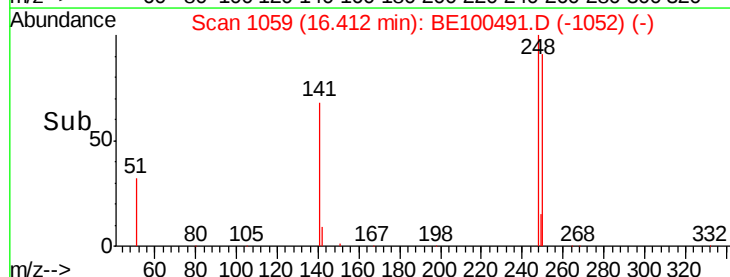
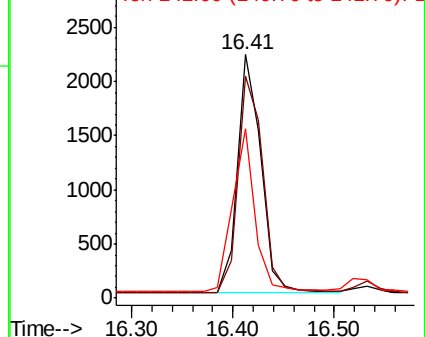
141 69.7 32.2 48.2#

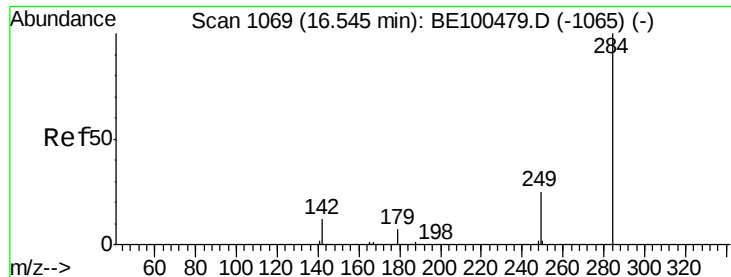


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.390 ng

RT: 16.53 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

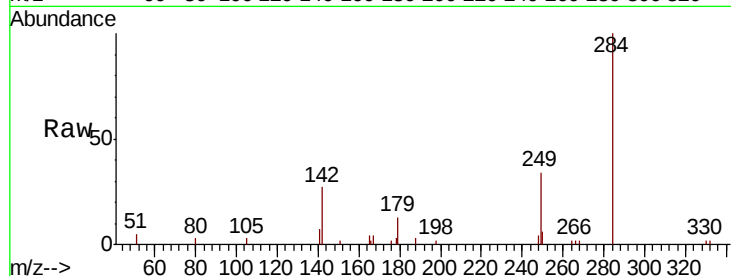
Tgt Ion:284 Resp: 3676

Ion Ratio Lower Upper

284 100

142 32.8 26.7 40.1

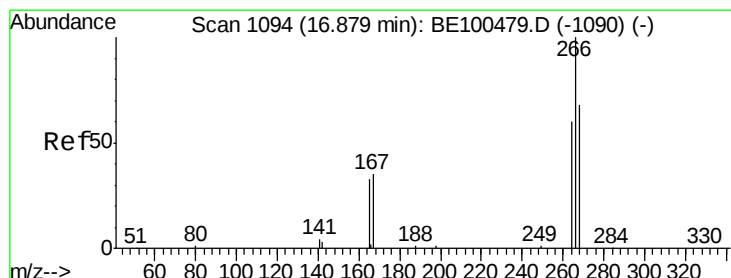
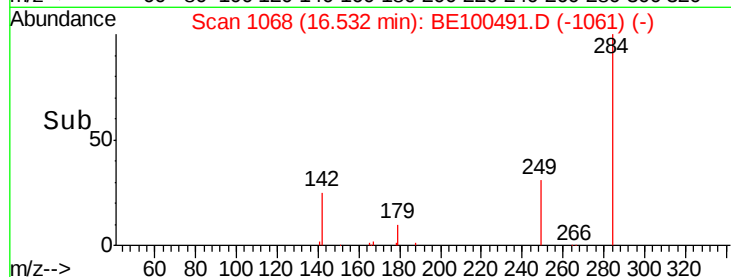
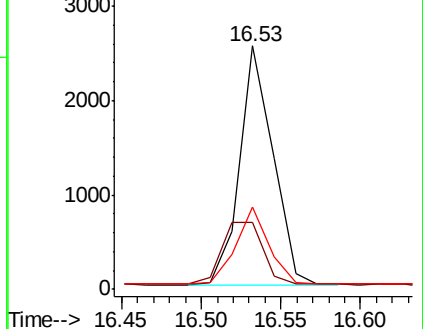
249 31.9 25.0 37.4



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: 0.391 ng

RT: 16.88 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

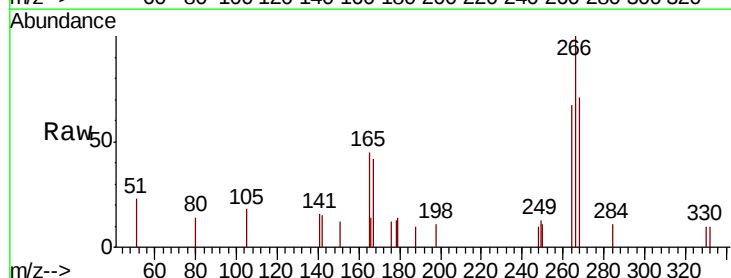
Tgt Ion:266 Resp: 1197

Ion Ratio Lower Upper

266 100

264 66.6 50.4 75.6

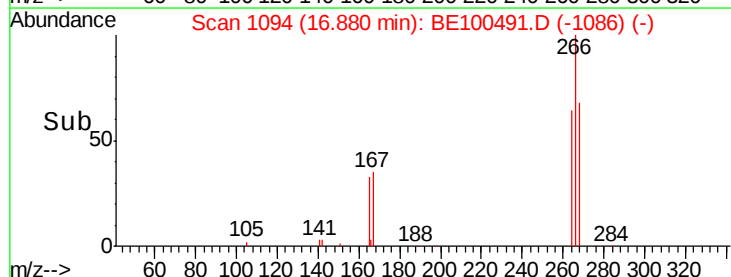
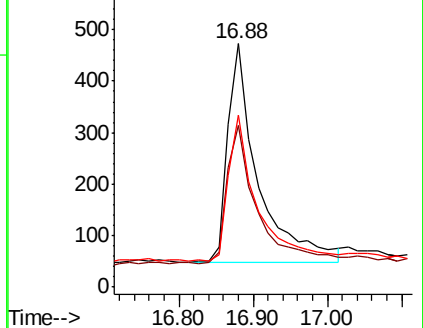
268 70.6 56.6 85.0

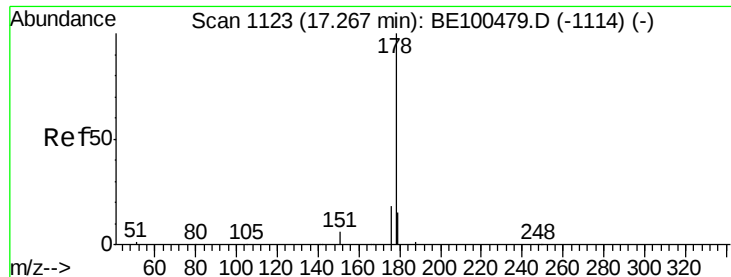


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.388 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

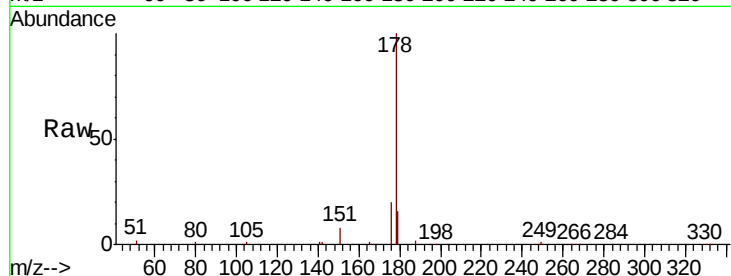
Tgt Ion:178 Resp: 18310

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

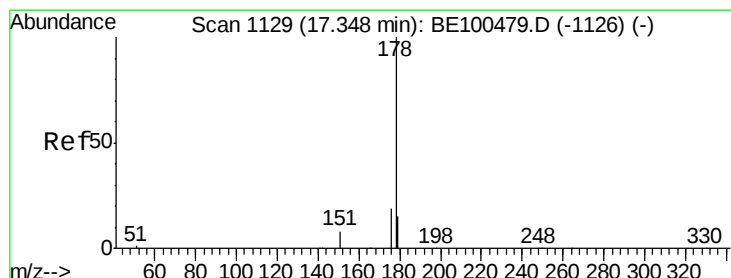
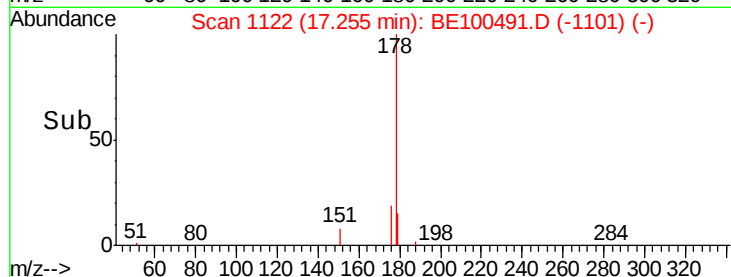
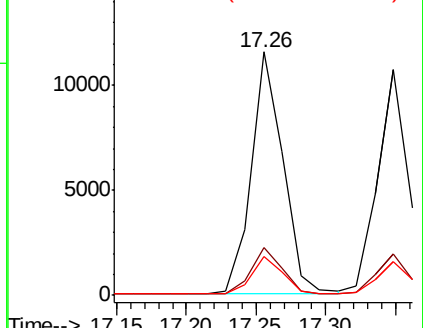
179 15.5 12.6 18.8



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: 0.369 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

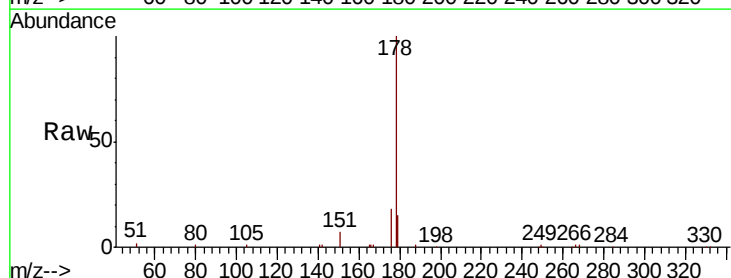
Tgt Ion:178 Resp: 16579

Ion Ratio Lower Upper

178 100

176 18.1 15.3 22.9

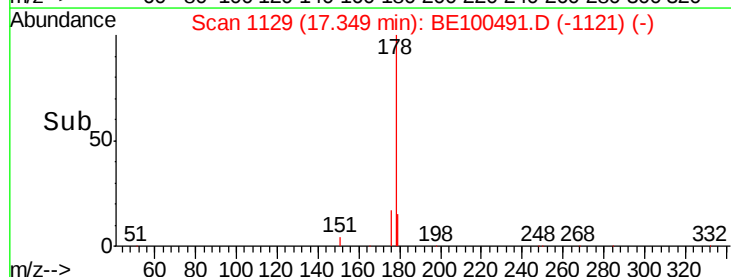
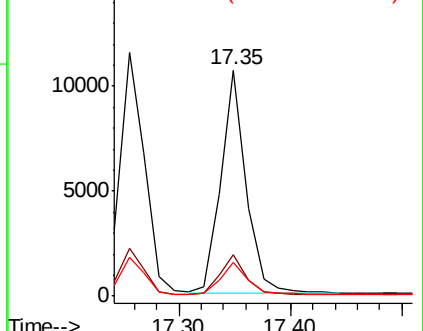
179 15.0 12.2 18.2

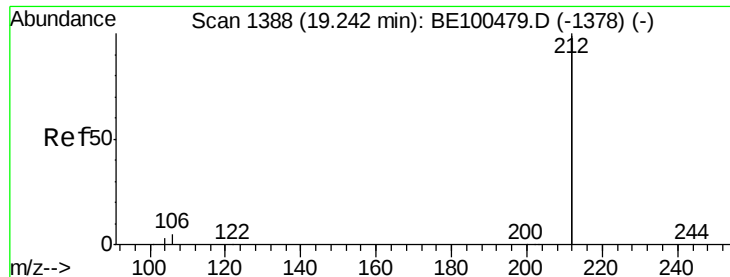


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.371 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

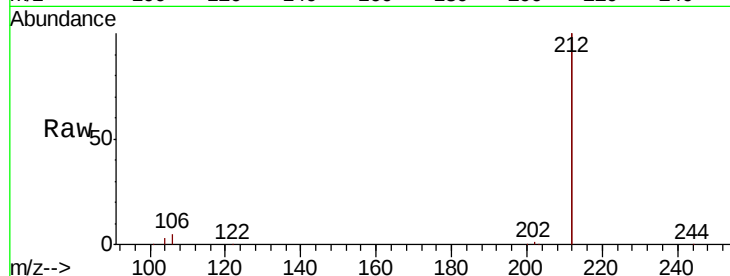
Tgt Ion:212 Resp: 97750

Ion Ratio Lower Upper

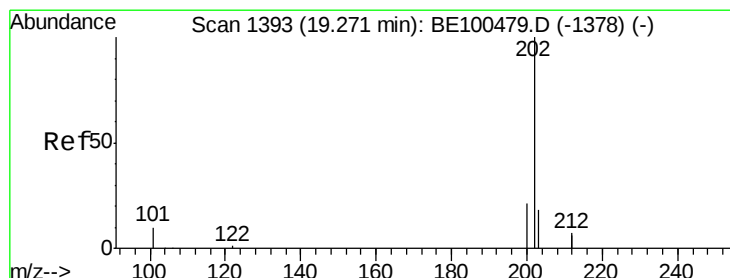
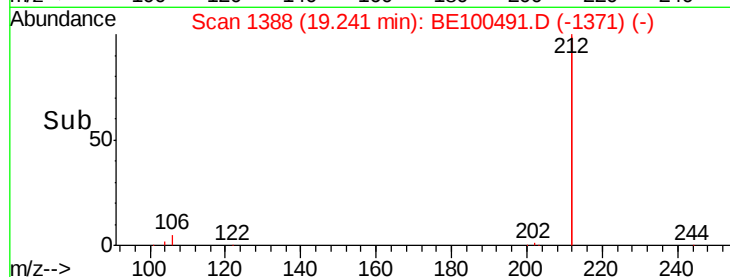
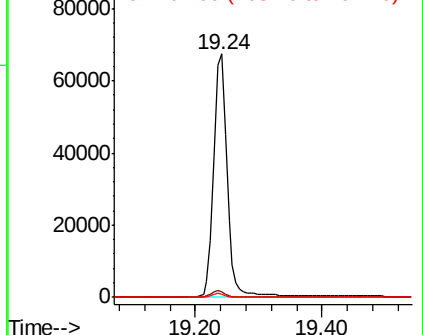
212 100

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: 0.378 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

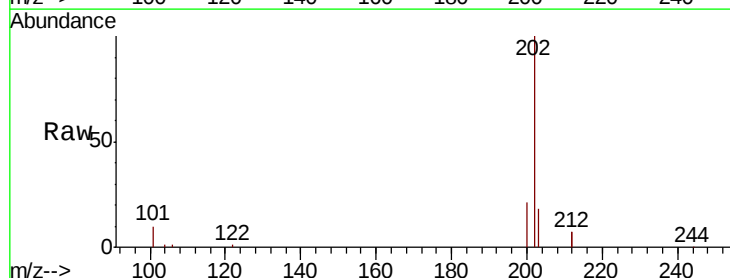
Tgt Ion:202 Resp: 25680

Ion Ratio Lower Upper

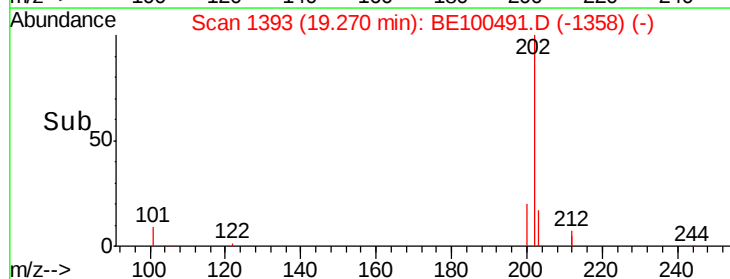
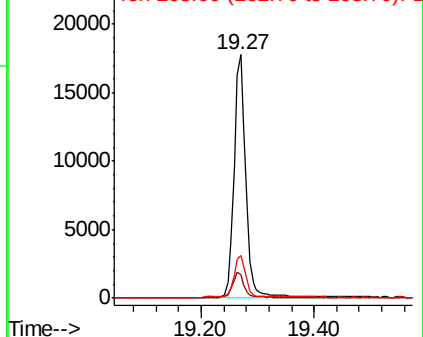
202 100

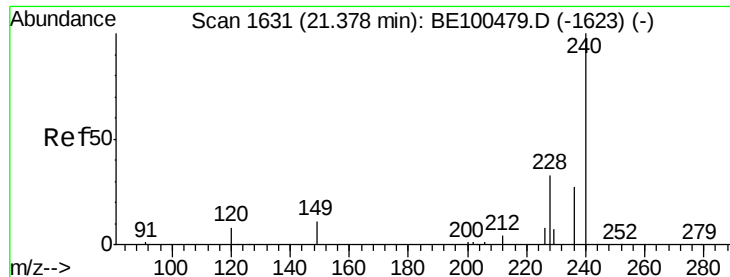
101 10.3 8.0 12.0

203 16.9 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

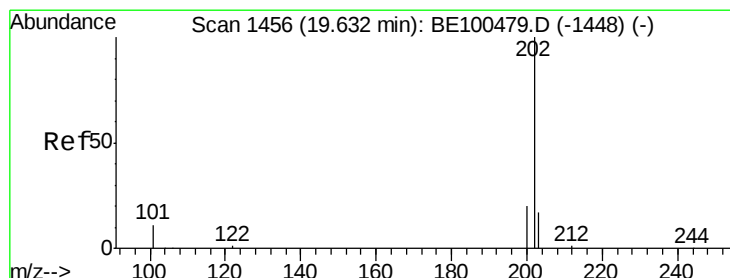
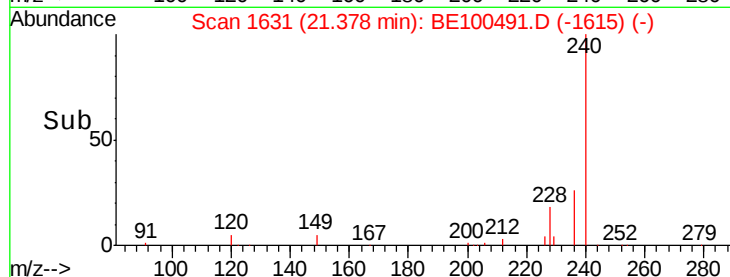
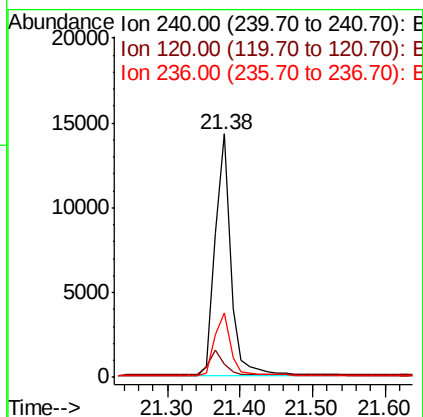
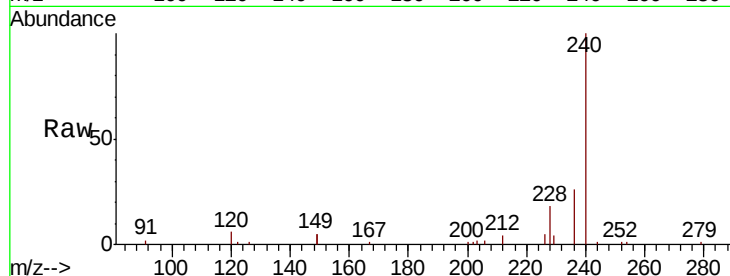




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

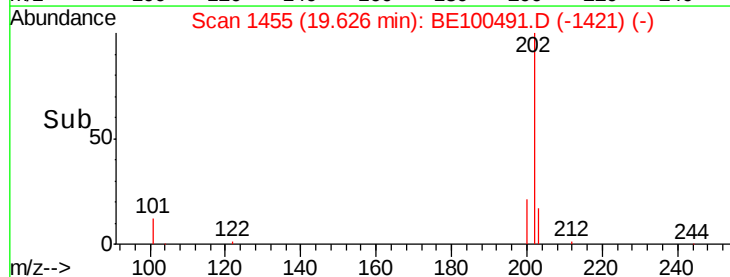
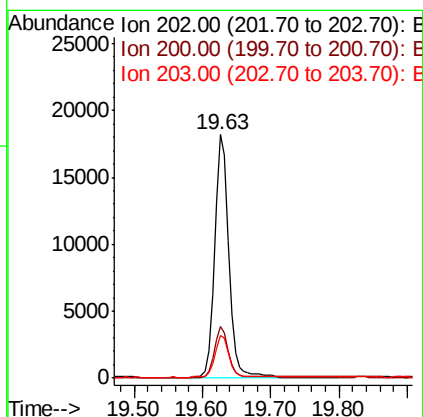
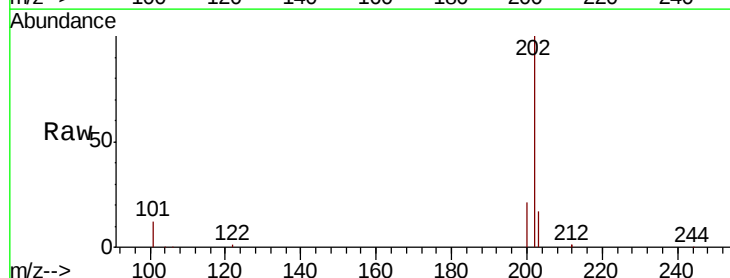
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

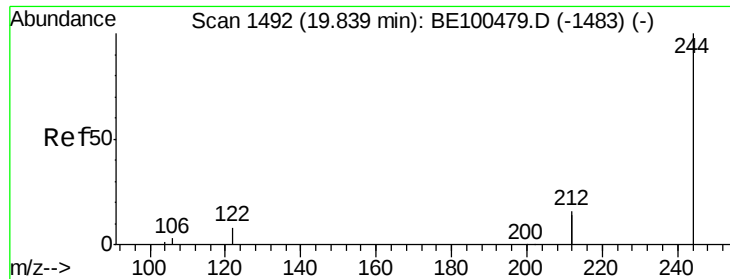
Tgt Ion:240 Resp: 21944
Ion Ratio Lower Upper
240 100
120 5.7 8.2 12.2#
236 26.5 22.6 34.0



#28
Pyrene
Concen: 0.388 ng
RT: 19.63 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BE100491.D
Acq: 23 Jul 2019 8:28

Tgt Ion:202 Resp: 26510
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 17.4 14.1 21.1





#29

Terphenyl-d14

Concen: 0.381 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

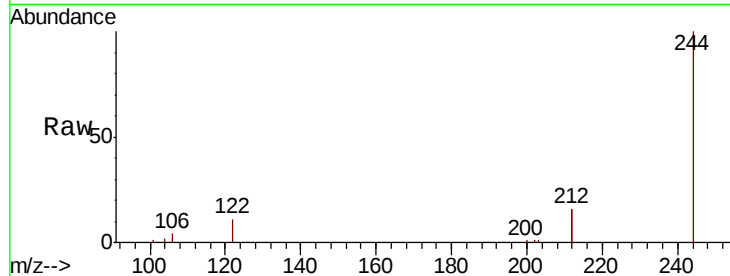
Tgt Ion:244 Resp: 20621

Ion Ratio Lower Upper

244 100

212 32.9 25.6 38.4

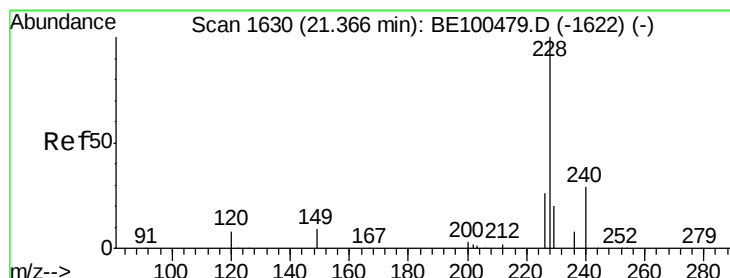
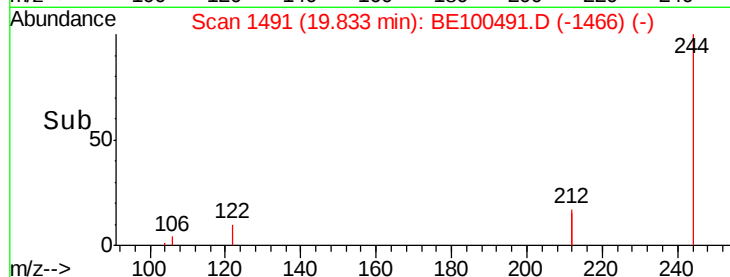
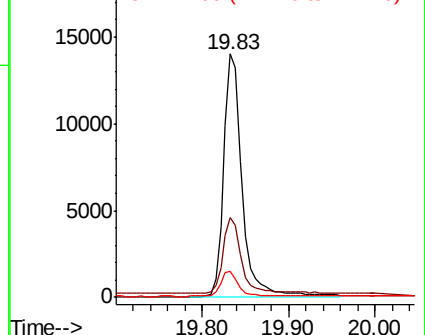
122 10.7 7.2 10.8



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: 0.389 ng

RT: 21.35 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

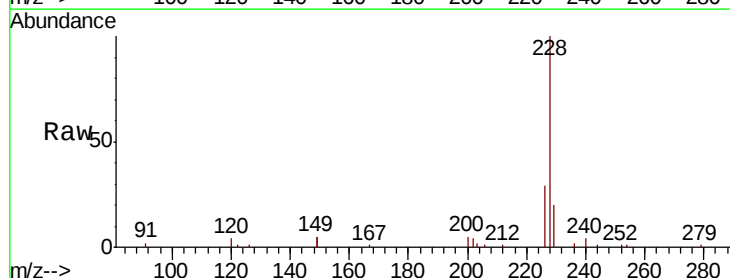
Tgt Ion:228 Resp: 26030

Ion Ratio Lower Upper

228 100

226 28.7 21.4 32.2

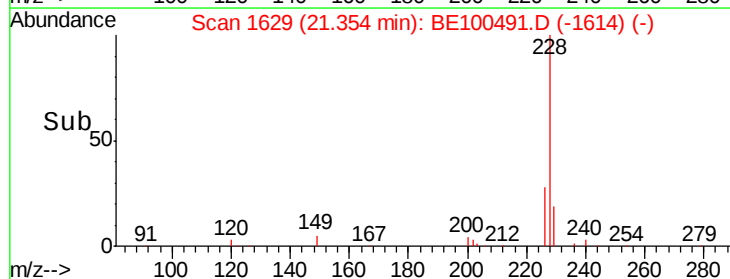
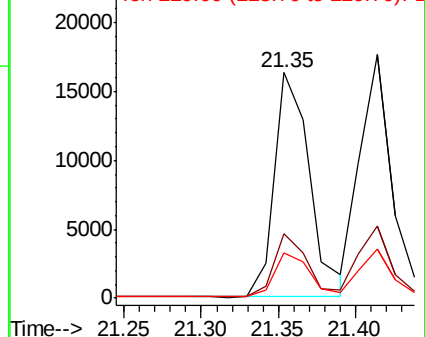
229 19.9 17.3 25.9

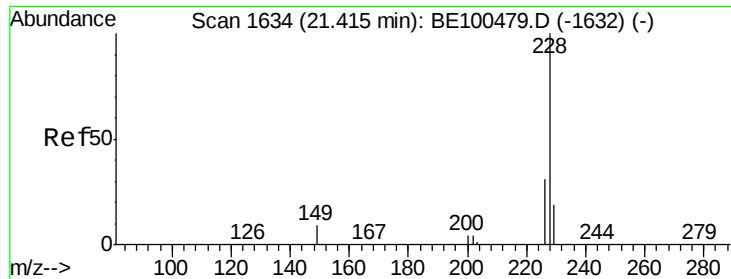


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.384 ng

RT: 21.41 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

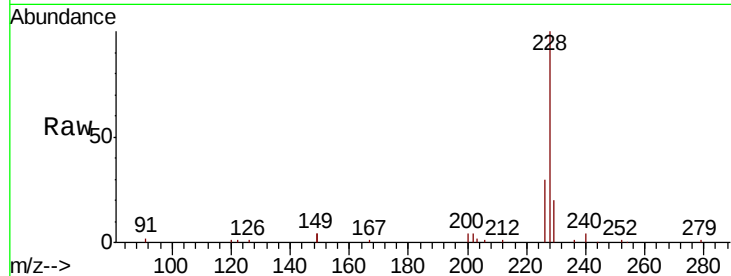
Tgt Ion:228 Resp: 25420

Ion Ratio Lower Upper

228 100

226 29.7 25.0 37.6

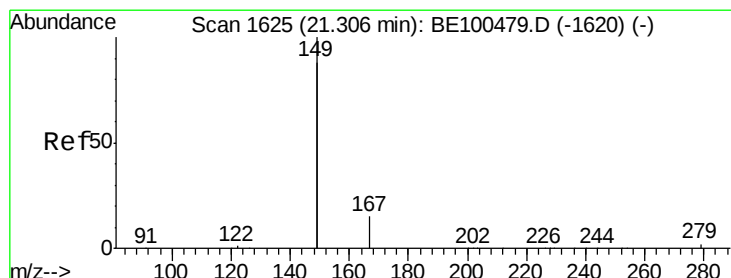
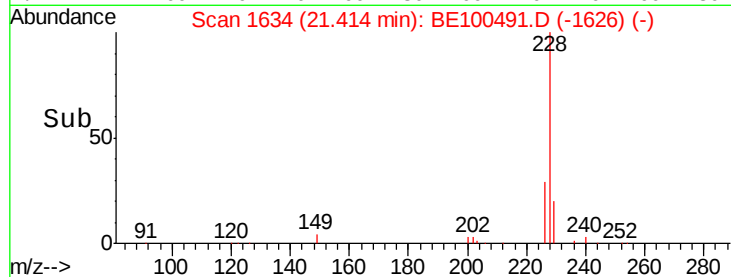
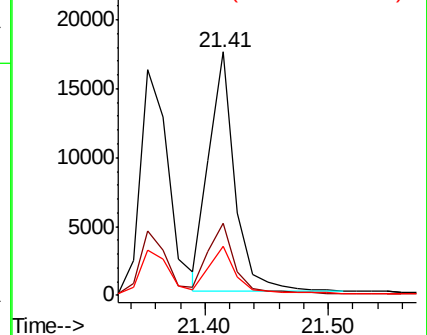
229 20.0 16.7 25.1



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: 0.360 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

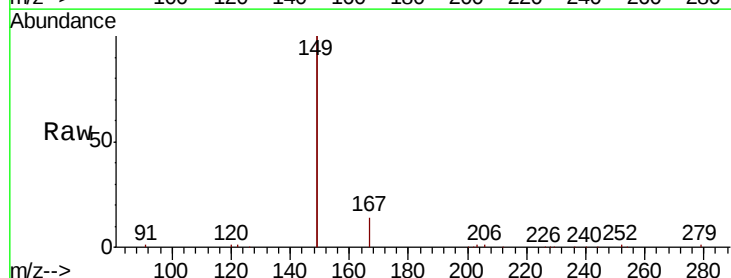
Tgt Ion:149 Resp: 55310

Ion Ratio Lower Upper

149 100

167 7.3 5.9 8.9

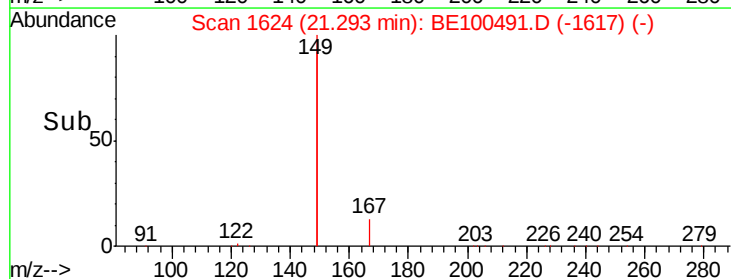
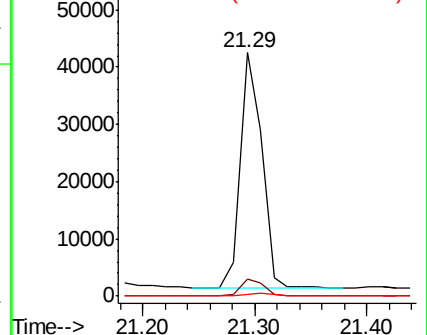
279 1.0 1.0 1.6#

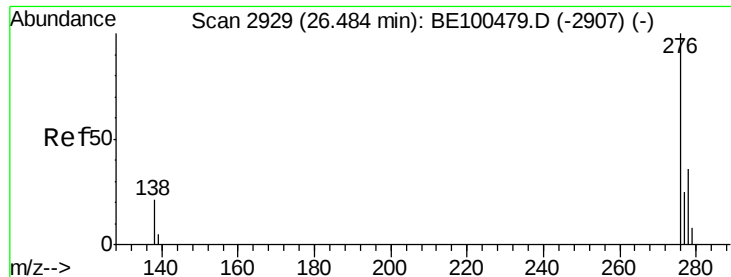


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.388 ng

RT: 26.48 min Scan# 2927

Delta R.T. -0.01 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

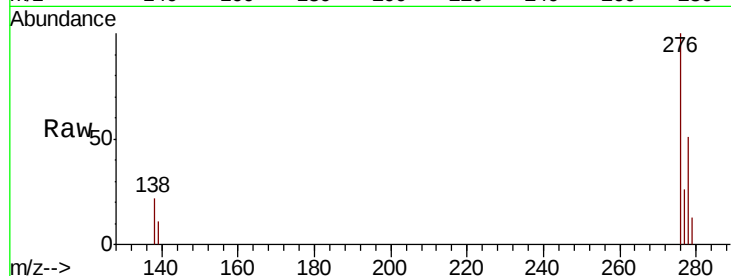
Tgt Ion:276 Resp: 28008

Ion Ratio Lower Upper

276 100

138 20.4 16.6 25.0

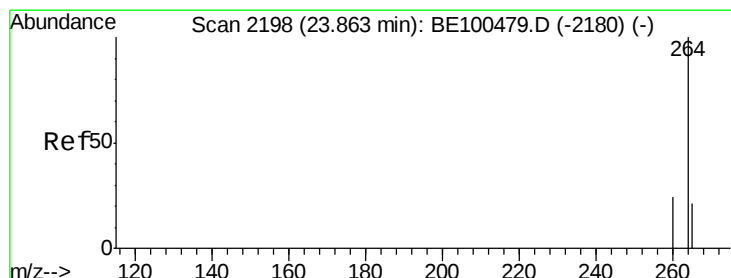
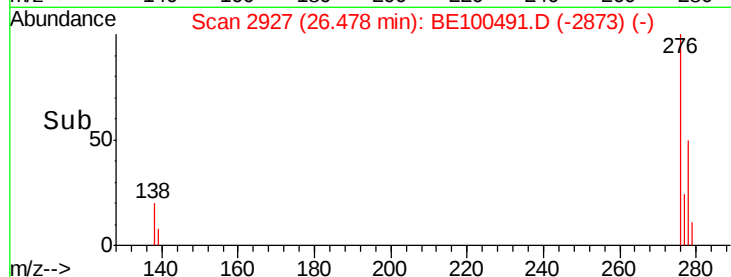
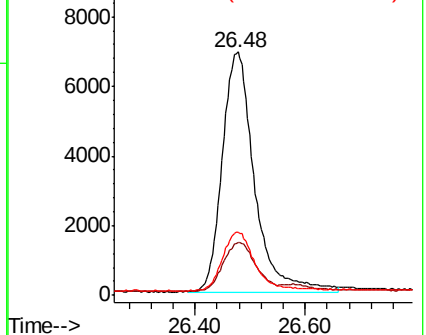
277 23.7 19.1 28.7



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: 23.85 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

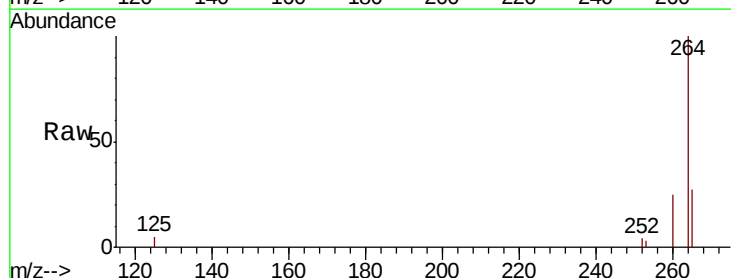
Tgt Ion:264 Resp: 23481

Ion Ratio Lower Upper

264 100

260 25.1 20.7 31.1

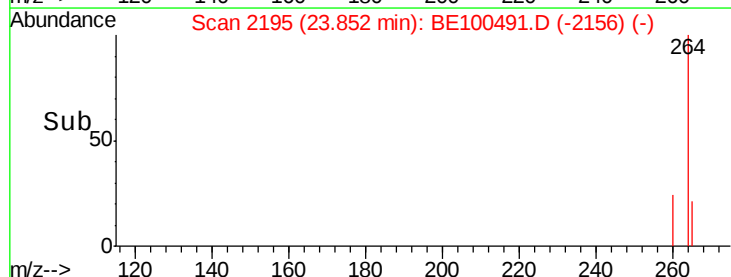
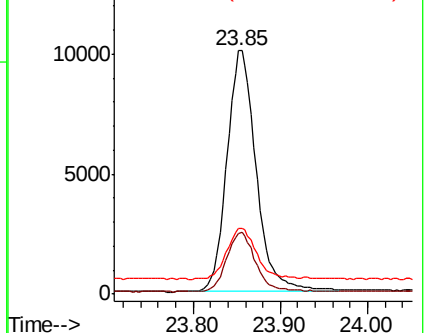
265 26.9 23.4 35.2

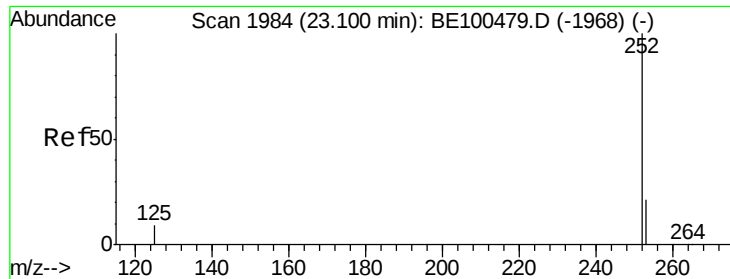


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.406 ng

RT: 23.14 min Scan# 1996

Delta R.T. 0.04 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

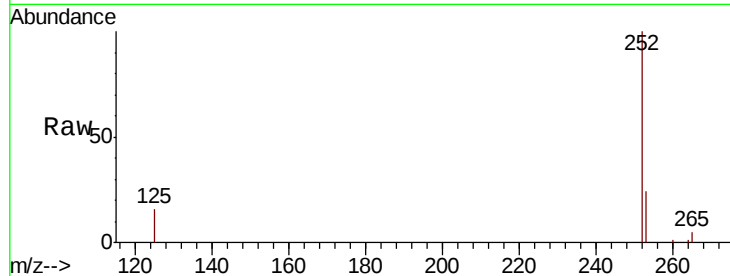
Tgt Ion:252 Resp: 26136

Ion Ratio Lower Upper

252 100

253 23.6 19.2 28.8

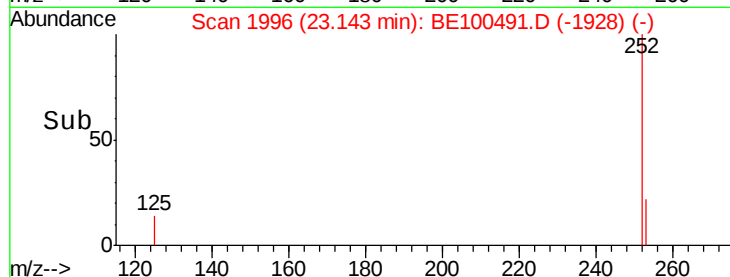
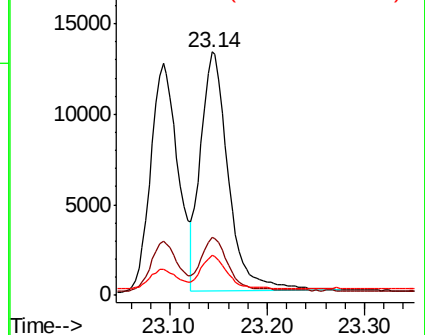
125 16.5 11.9 17.9



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: 0.398 ng

RT: 23.14 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

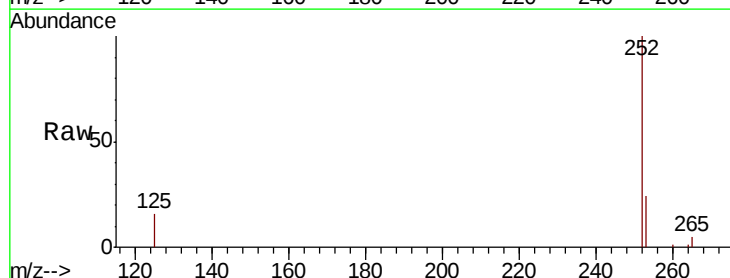
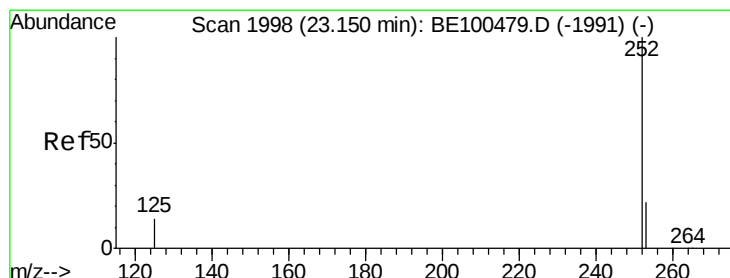
Tgt Ion:252 Resp: 26824

Ion Ratio Lower Upper

252 100

253 23.6 19.7 29.5

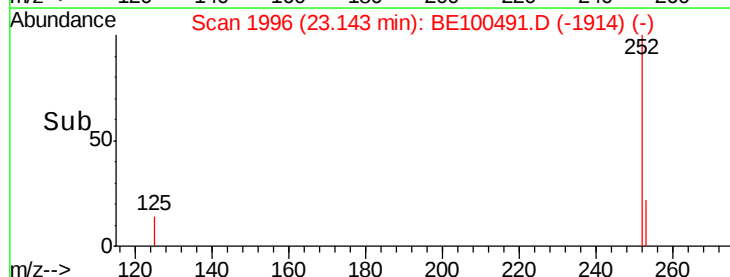
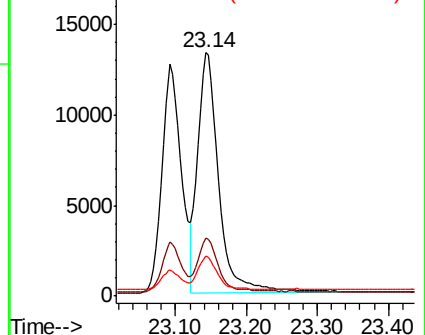
125 16.5 15.2 22.8

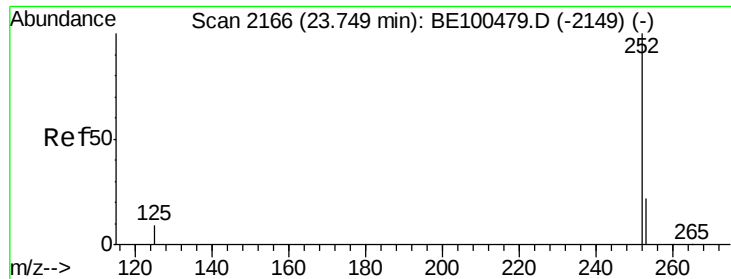


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.383 ng

RT: 23.75 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

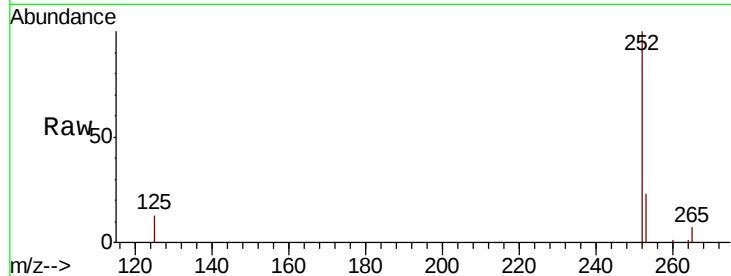
Tgt Ion:252 Resp: 23950

Ion Ratio Lower Upper

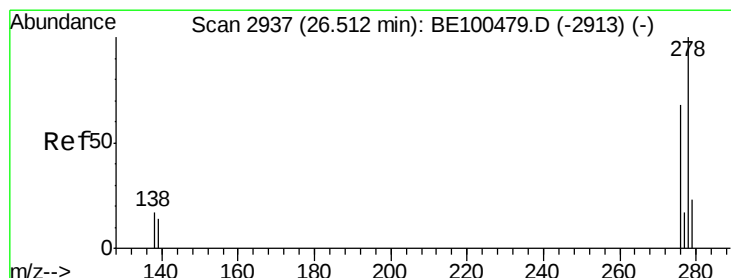
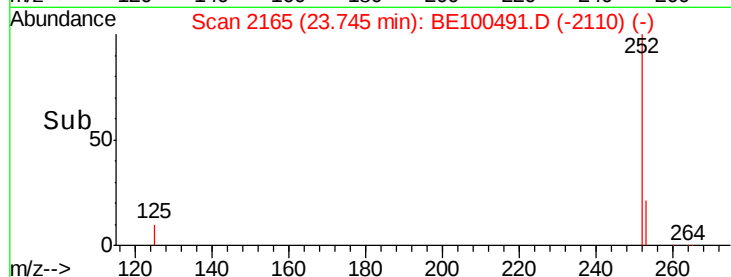
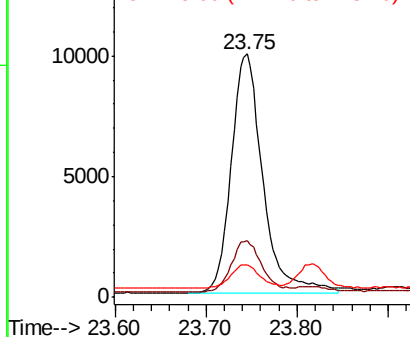
252 100

253 23.4 20.0 30.0

125 13.5 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: 0.382 ng

RT: 26.50 min Scan# 2933

Delta R.T. -0.01 min

Lab File: BE100491.D

Acq: 23 Jul 2019 8:28

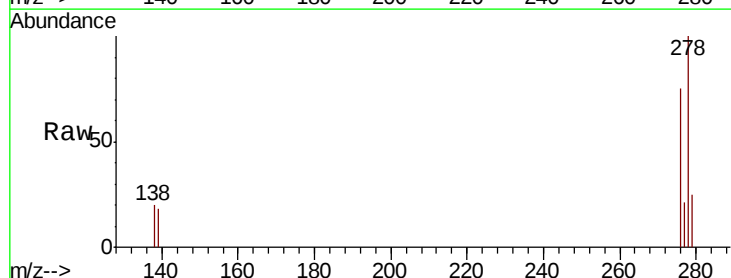
Tgt Ion:278 Resp: 22576

Ion Ratio Lower Upper

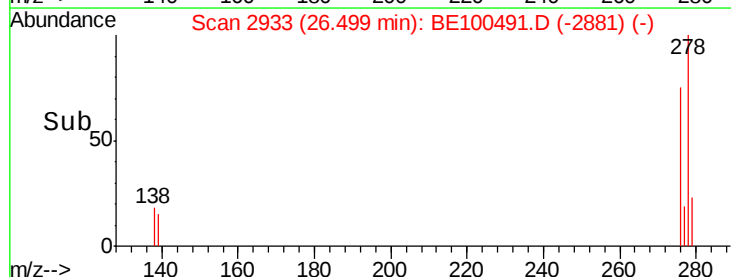
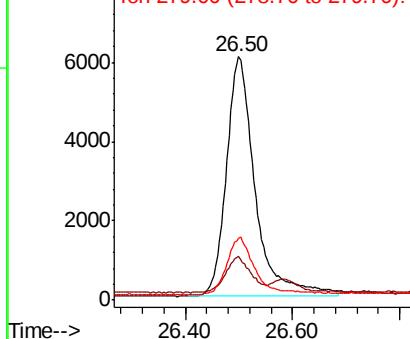
278 100

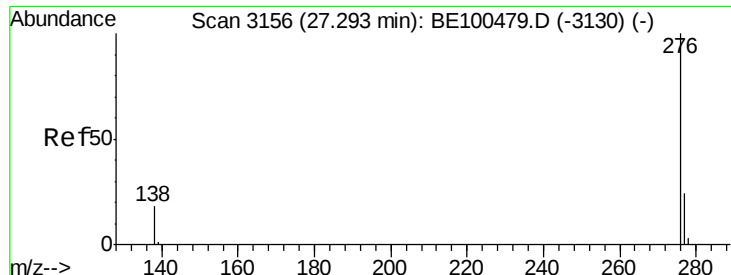
139 17.9 16.8 25.2

279 25.4 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(g,h,i)perylene

Concen: 0.387 ng

RT: 27.27 min Scan# 3149

Delta R.T. -0.02 min

Lab File: BE100491.D

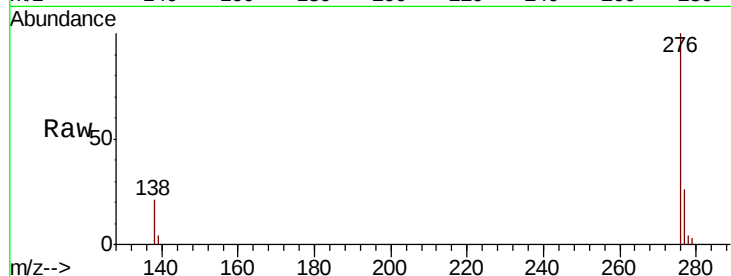
Acq: 23 Jul 2019 8:28

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 23359

Ion Ratio Lower Upper

276 100

277 26.0 22.0 33.0

138 20.8 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

