

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092019\
 Data File : BE100532.D
 Acq On : 20 Sep 2019 17:51
 Operator : HP/JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC5.0

Quant Time: Sep 20 18:34:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 20 16:06:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	6768	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	31904	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	19095	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	38829	0.40	ng	0.00
27) Chrysene-d12	21.37	240	50188	0.40	ng	0.00
34) Perylene-d12	23.83	264	48268	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	91999	5.19	ng	0.00
5) Phenol-d6	7.02	99	130971	5.57	ng	0.00
8) Nitrobenzene-d5	9.00	82	113111	6.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	250340	5.19	ng	0.00
14) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng	
15) 2-Fluorobiphenyl	13.12	172	348945	5.27	ng	0.00
25) Fluoranthene-d10	19.22	212	2554307	5.36	ng	0.00
29) Terphenyl-d14	19.82	244	606834	5.21	ng	0.00

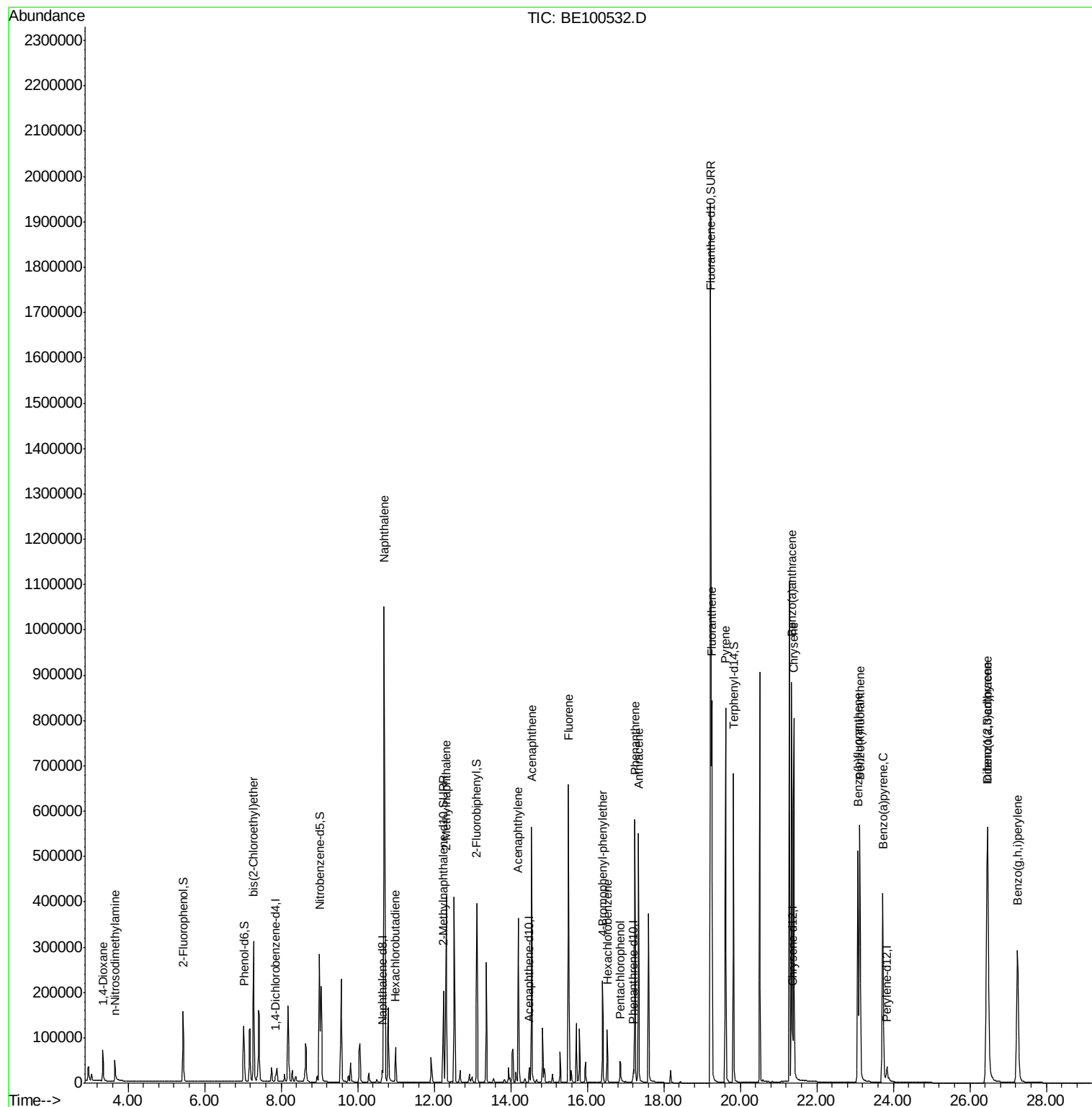
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	47329	4.523	ng	97
3) n-Nitrosodimethylamine	3.65	42	34268	5.825	ng	99
6) bis(2-Chloroethyl)ether	7.27	93	115979	5.297	ng	88
9) Naphthalene	10.69	128	1689527	5.221	ng	100
10) Hexachlorobutadiene	10.99	225	53471	5.251	ng	98
12) 2-Methylnaphthalene	12.31	142	287319	5.506	ng	99
16) Acenaphthylene	14.20	152	445272	5.616	ng	100
17) Acenaphthene	14.54	154	287674	5.516	ng	96
18) Fluorene	15.51	166	357056	5.378	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	103692	5.836	ng	97
21) Hexachlorobenzene	16.52	284	83496	5.517	ng	98
22) Pentachlorophenol	16.87	266	30503	8.040	ng	91
23) Phenanthrene	17.24	178	585946	5.517	ng	99
24) Anthracene	17.33	178	546310	6.057	ng	100
26) Fluoranthene	19.25	202	726905	5.656	ng	99
28) Pyrene	19.62	202	725062	5.115	ng	99
30) Benzo(a)anthracene	21.34	228	746289	5.387	ng	99
31) Chrysene	21.40	228	780062	5.312	ng	100
33) Indeno(1,2,3-cd)pyrene	26.45	276	878731	5.060	ng	99
35) Benzo(b)fluoranthene	23.08	252	750134	5.927	ng	99
36) Benzo(k)fluoranthene	23.13	252	840981	5.708	ng	99
37) Benzo(a)pyrene	23.72	252	702033	5.816	ng	98
38) Dibenzo(a,h)anthracene	26.47	278	738922	5.925	ng	98
39) Benzo(g,h,i)perylene	27.24	276	719564	5.592	ng	100

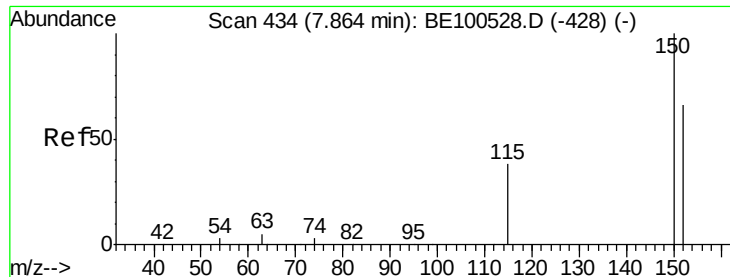
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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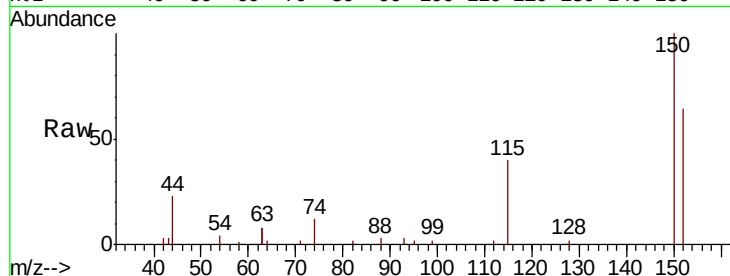


#1

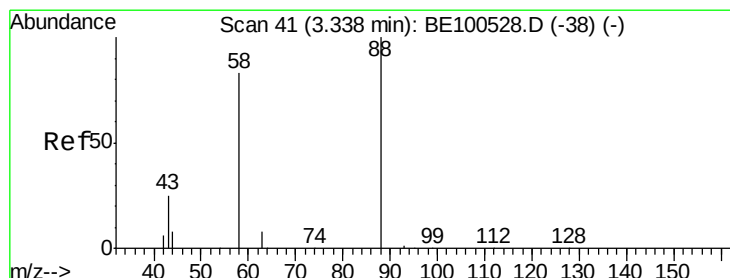
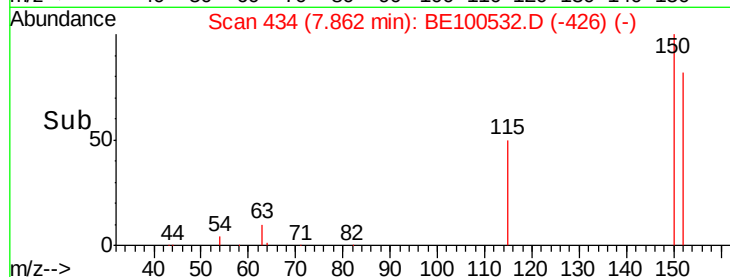
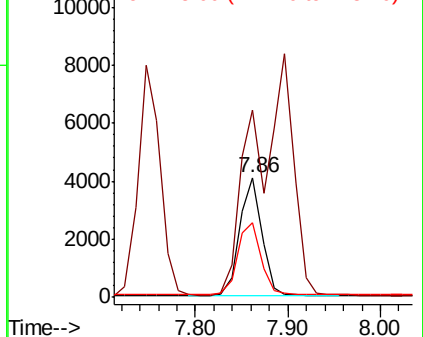
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tot Ion:152 Resp: 6768
Ion Ratio Lower Upper
152 100
150 156.5 121.6 182.4
115 61.9 48.2 72.4



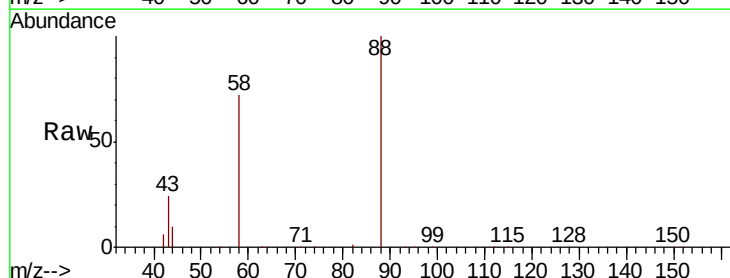
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



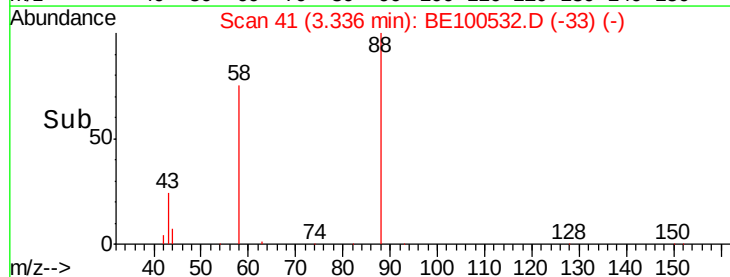
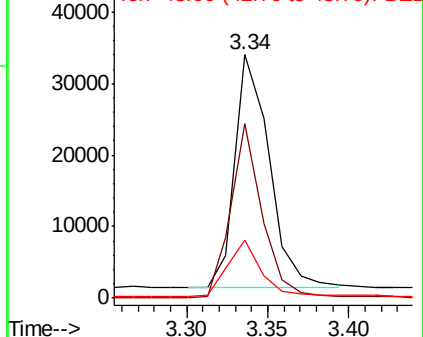
#2

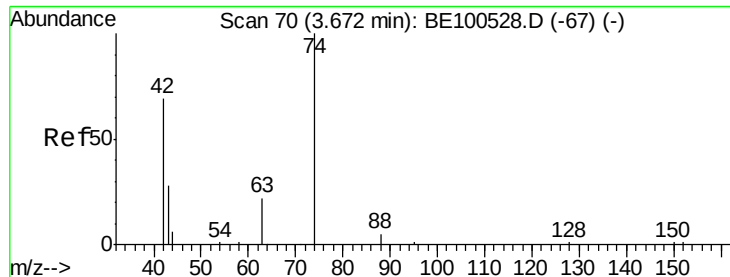
1,4-Dioxane
Concen: 4.523 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Tgt Ion: 88 Resp: 47329
Ion Ratio Lower Upper
88 100
58 68.8 53.3 79.9
43 22.8 16.9 25.3



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: 5.825 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.03 min

Lab File: BE100532.D

Acq: 20 Sep 2019 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

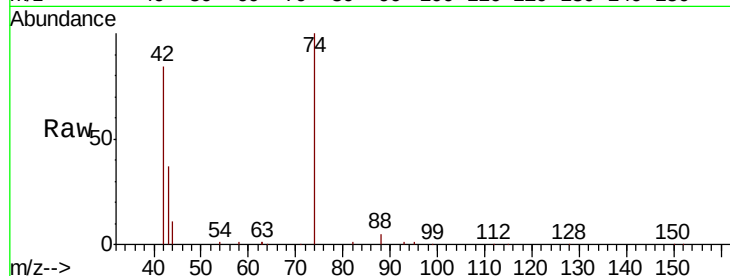
Tot Ion: 42 Resp: 34268

Ion Ratio Lower Upper

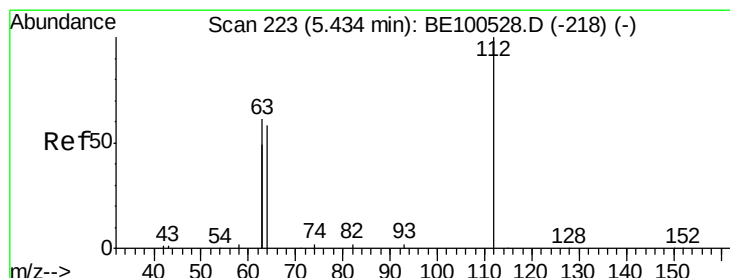
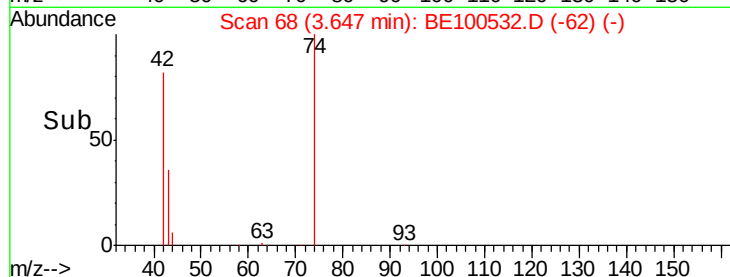
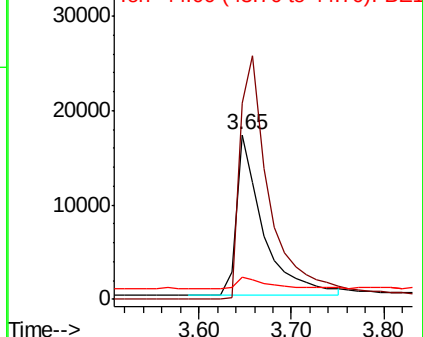
42 100

74 168.4 133.8 200.6

44 7.4 6.4 9.6



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: 5.190 ng

RT: 5.43 min Scan# 223

Delta R.T. -0.00 min

Lab File: BE100532.D

Acq: 20 Sep 2019 17:51

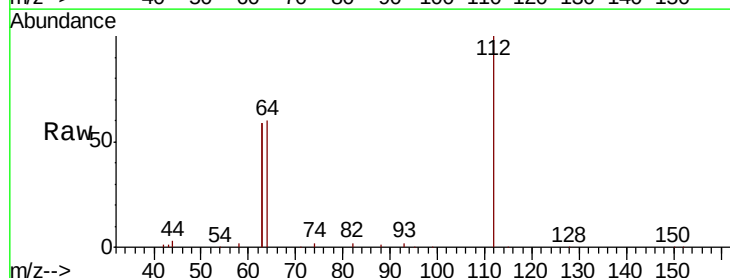
Tgt Ion: 112 Resp: 91999

Ion Ratio Lower Upper

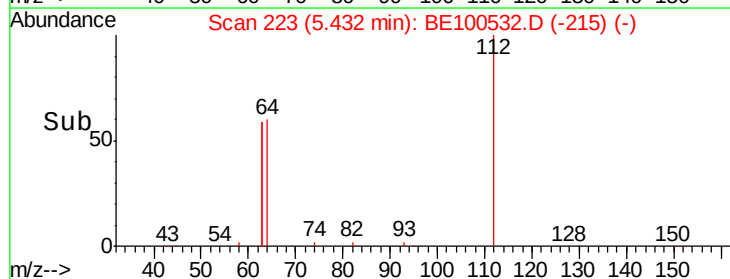
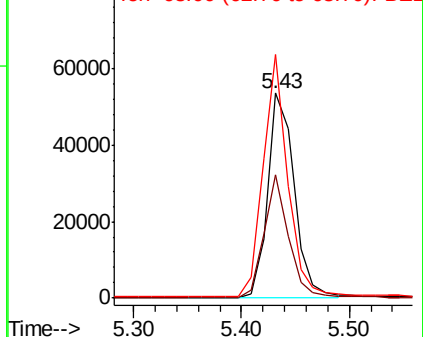
112 100

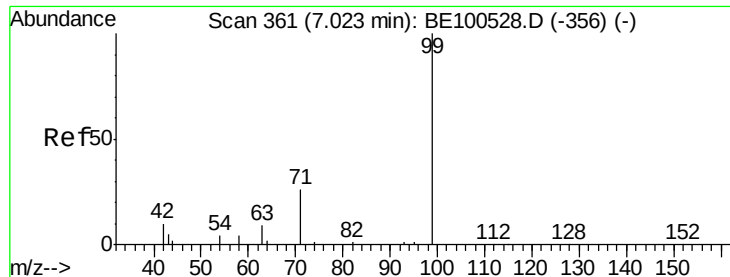
64 55.5 44.1 66.1

63 109.5 86.5 129.7



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: 5.571 ng

RT: 7.02 min Scan# 361

Delta R.T. -0.00 min

Lab File: BE100532.D

Acq: 20 Sep 2019 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

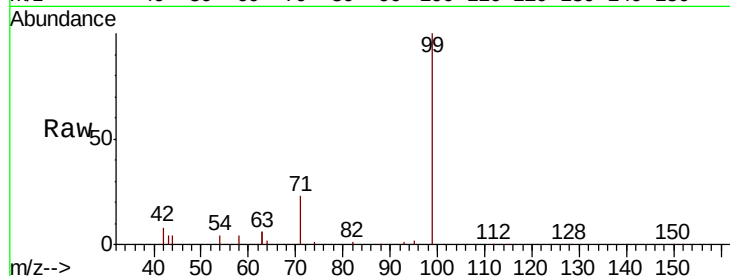
Tot Ion: 99 Resp: 130971

Ion Ratio Lower Upper

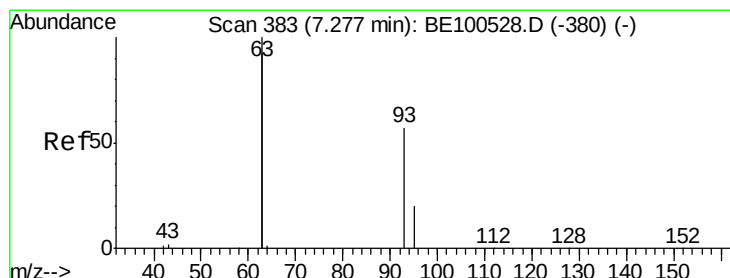
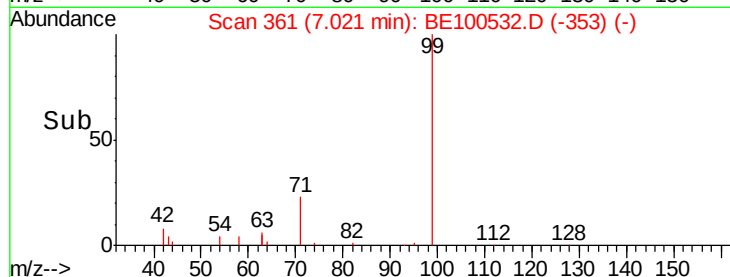
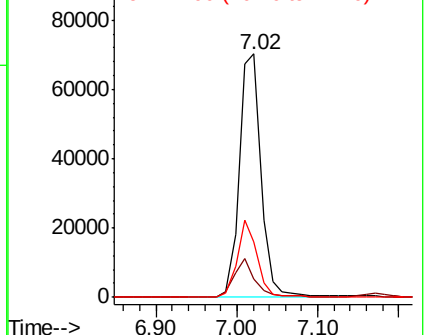
99 100

42 14.9 13.0 19.6

71 28.9 23.4 35.0



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: 5.297 ng

RT: 7.27 min Scan# 383

Delta R.T. -0.00 min

Lab File: BE100532.D

Acq: 20 Sep 2019 17:51

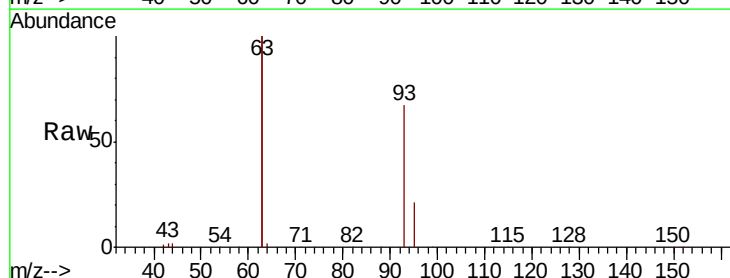
Tgt Ion: 93 Resp: 115979

Ion Ratio Lower Upper

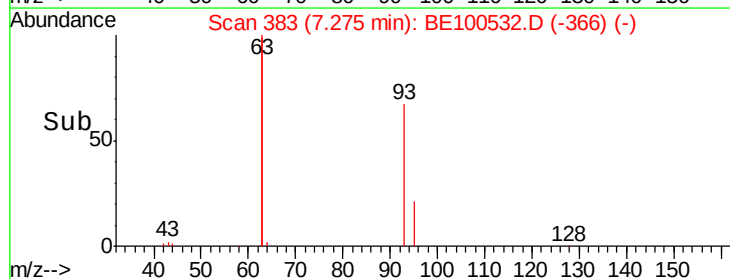
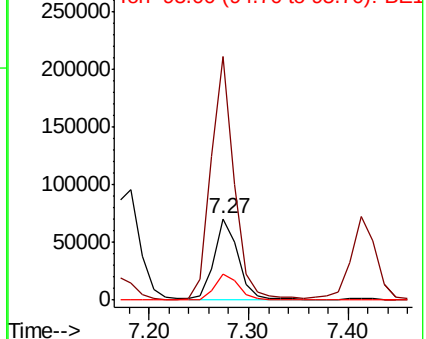
93 100

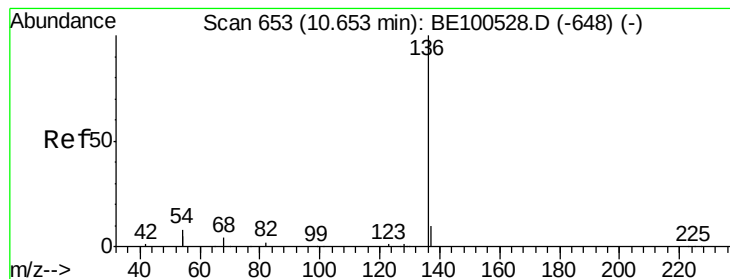
63 290.9 213.4 320.0

95 32.1 23.7 35.5



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: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE100532.D

Acq: 20 Sep 2019 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

Tot Ion:136 Resp: 31904

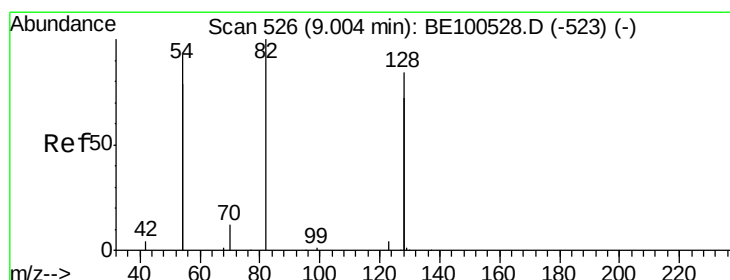
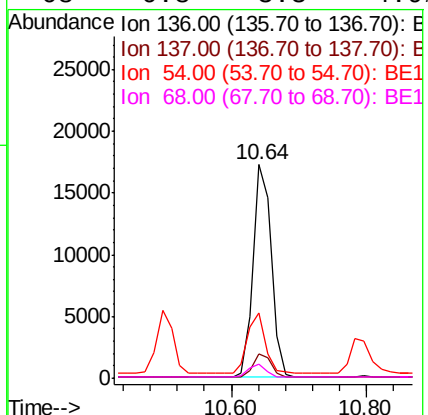
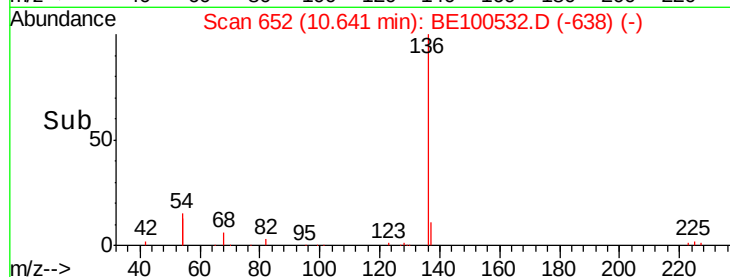
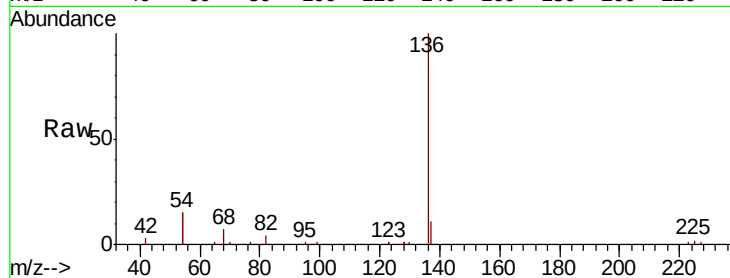
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 30.3 12.4 18.6#

68 6.8 3.3 4.9#



#8

Nitrobenzene-d5

Concen: 6.447 ng

RT: 9.00 min Scan# 526

Delta R.T. 0.00 min

Lab File: BE100532.D

Acq: 20 Sep 2019 17:51

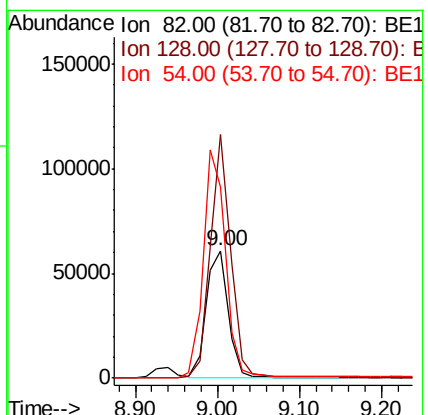
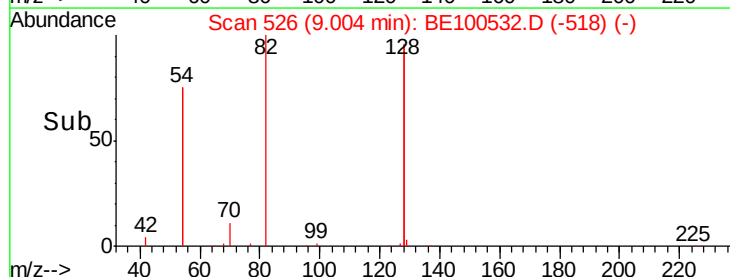
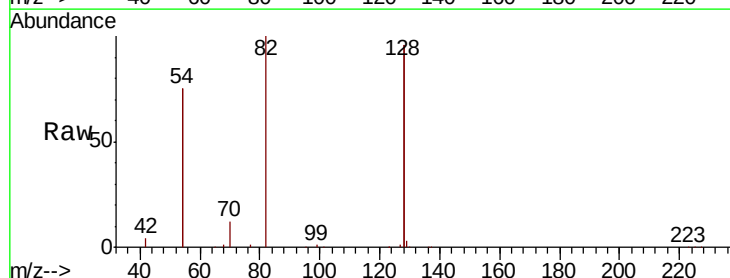
Tgt Ion: 82 Resp: 113111

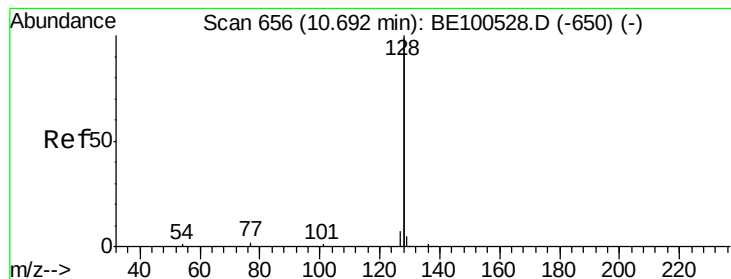
Ion Ratio Lower Upper

82 100

128 191.3 129.4 194.2

54 150.1 143.3 214.9





#9

Naphthalene

Concen: 5.221 ng

RT: 10.69 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE100532.D

Acq: 20 Sep 2019 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

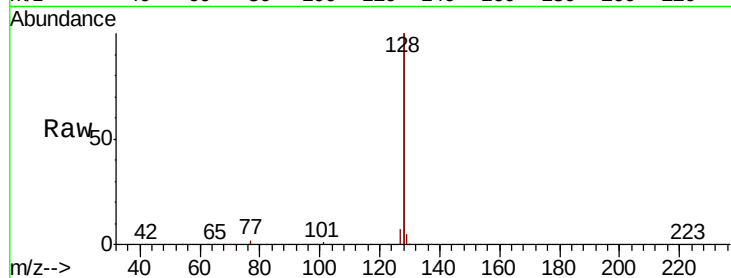
Tot Ion:128 Resp: 1689527

Ion Ratio Lower Upper

128 100

129 2.7 2.2 3.4

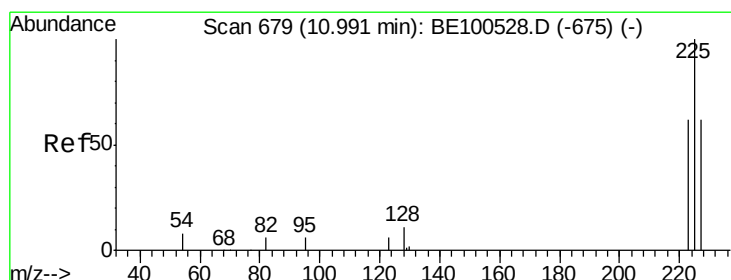
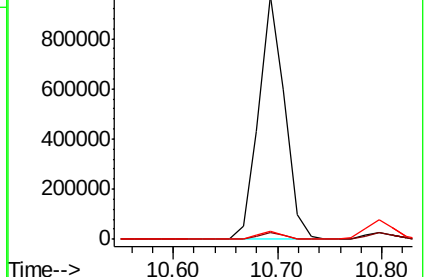
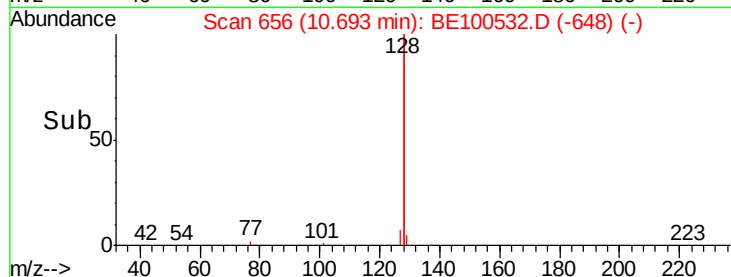
127 3.3 2.7 4.1



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: 5.251 ng

RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE100532.D

Acq: 20 Sep 2019 17:51

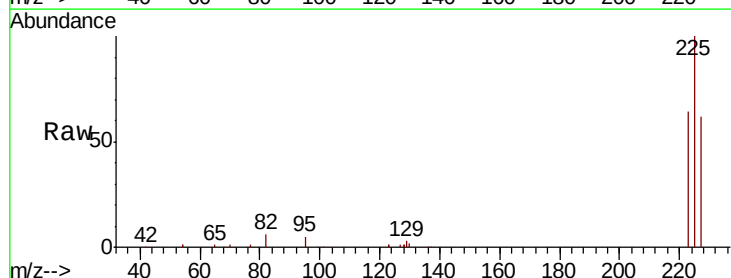
Tgt Ion:225 Resp: 53471

Ion Ratio Lower Upper

225 100

223 63.2 49.7 74.5

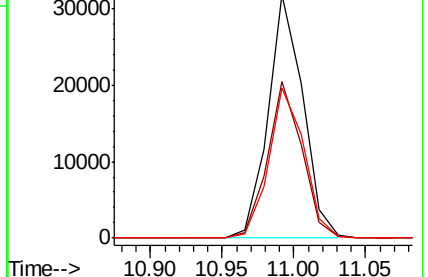
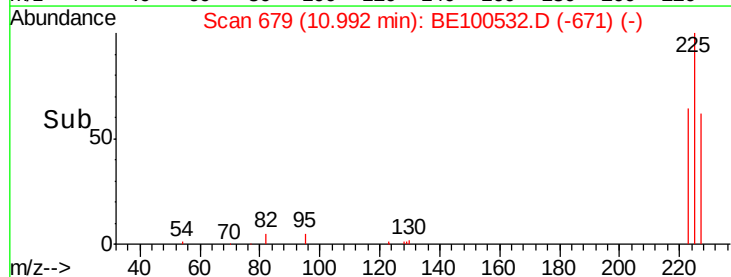
227 63.1 51.4 77.2

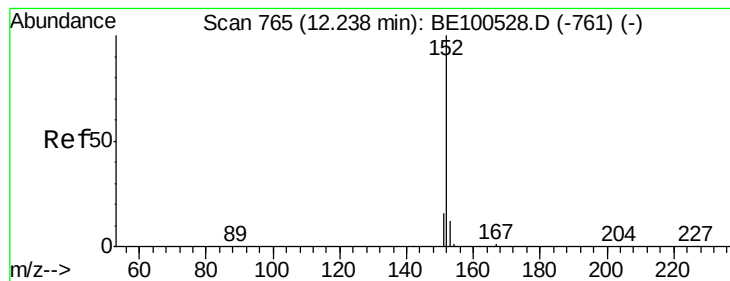


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 5.186 ng

RT: 12.24 min Scan# 765

Delta R.T. 0.00 min

Lab File: BE100532.D

Acq: 20 Sep 2019 17:51

Instrument :

BNA_E

ClientSampleId :

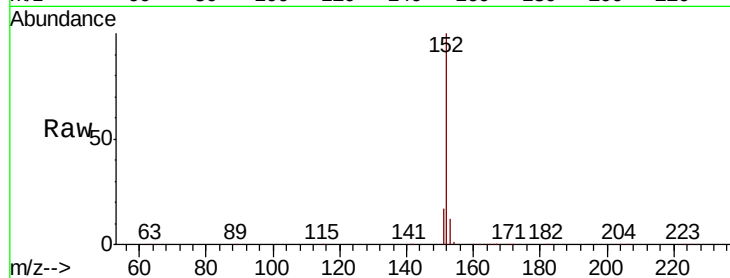
SSTDICC5.0

Tot Ion:152 Resp: 250340

Ion Ratio Lower Upper

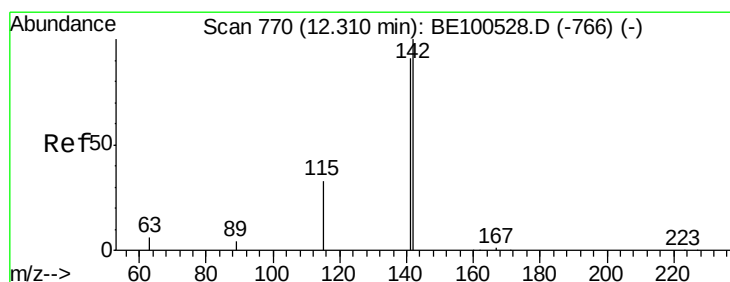
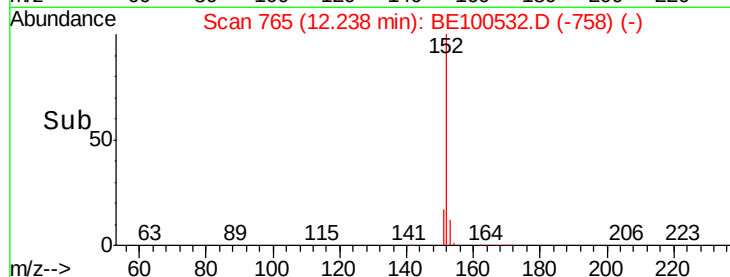
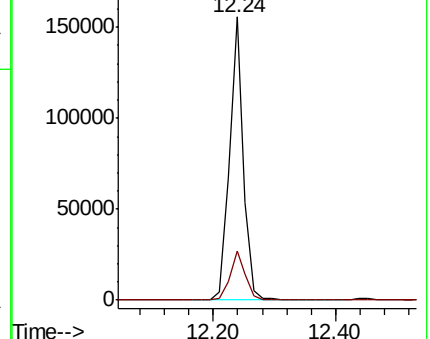
152 100

151 19.0 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 5.506 ng

RT: 12.31 min Scan# 770

Delta R.T. 0.00 min

Lab File: BE100532.D

Acq: 20 Sep 2019 17:51

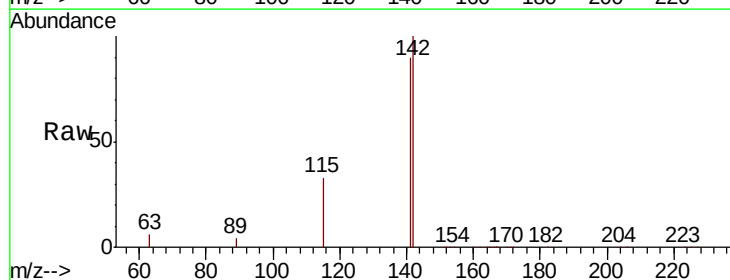
Tgt Ion:142 Resp: 287319

Ion Ratio Lower Upper

142 100

141 90.3 72.5 108.7

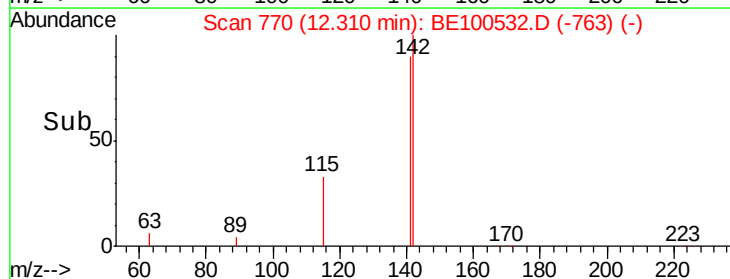
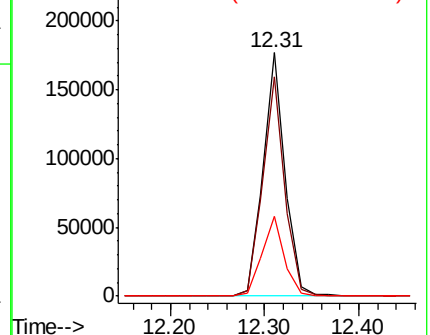
115 32.6 27.2 40.8

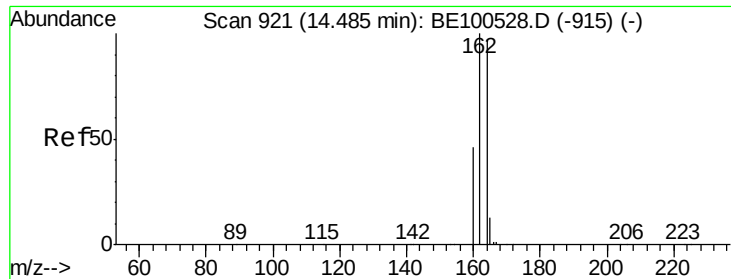


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

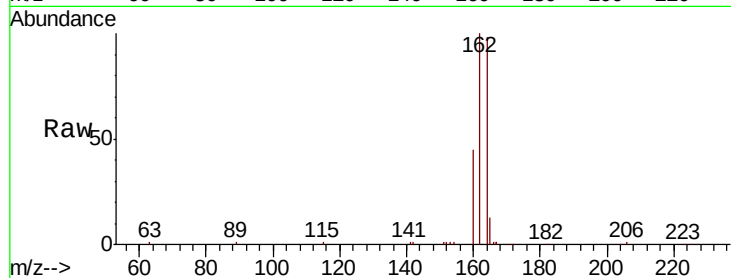




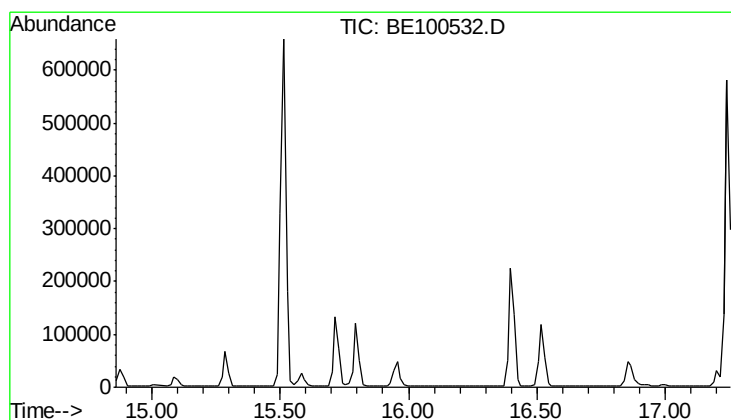
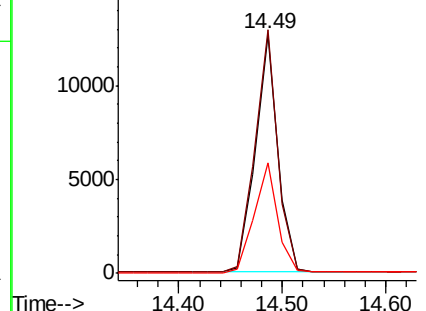
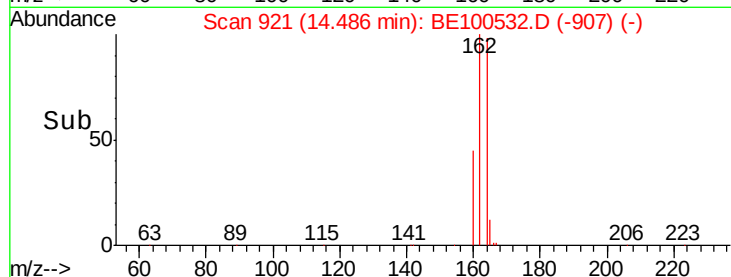
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.49 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: BE100532.D
 Acq: 20 Sep 2019 17:51

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC5.0

Tot Ion:164 Resp: 19095
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.1 123.1
 160 46.3 37.6 56.4



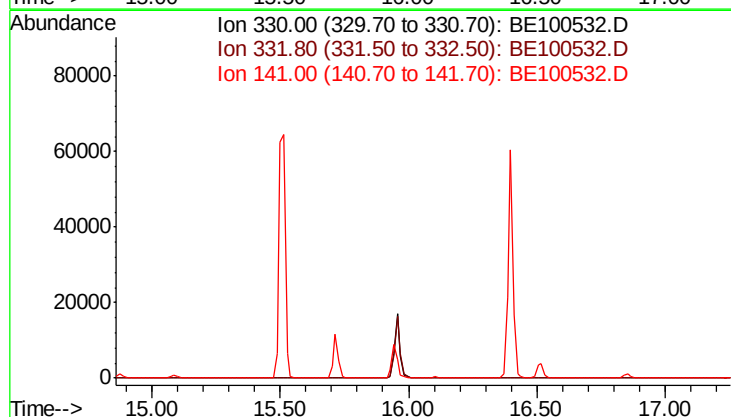
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

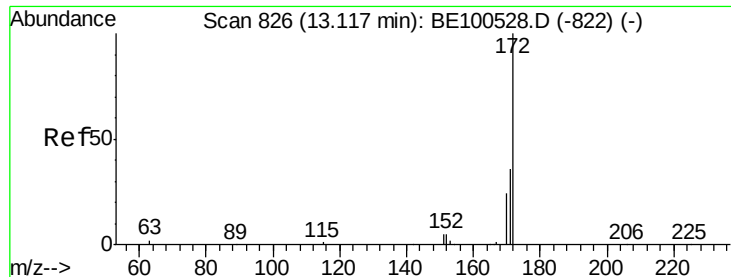


#14
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 15.96 min

Lab File: BE100532.D
 Acq: 20 Sep 2019 17:51

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 94.4
 141 52.9

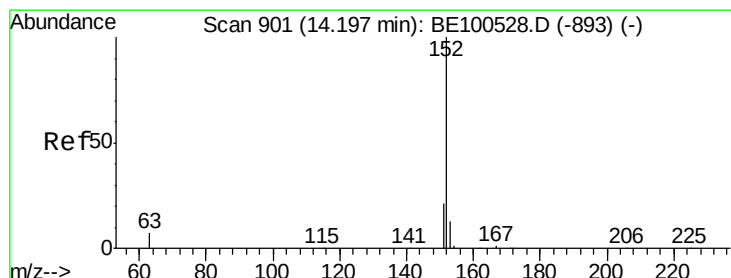
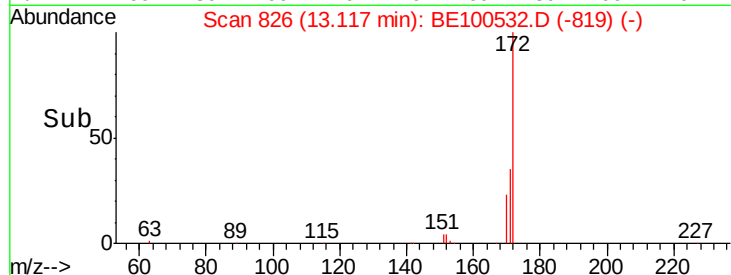
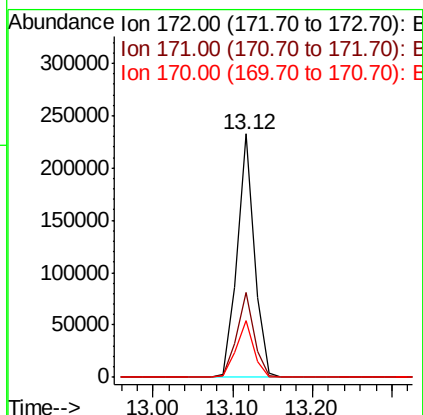
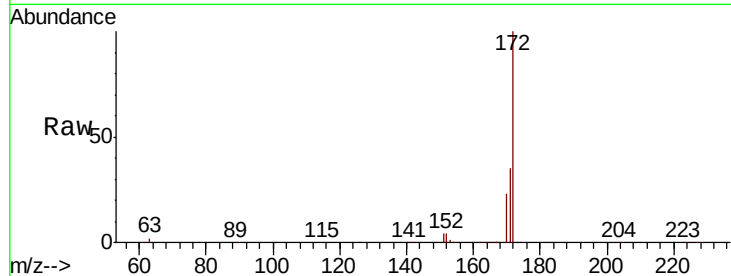




#15
2-Fluorobiphenyl
Concen: 5.268 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

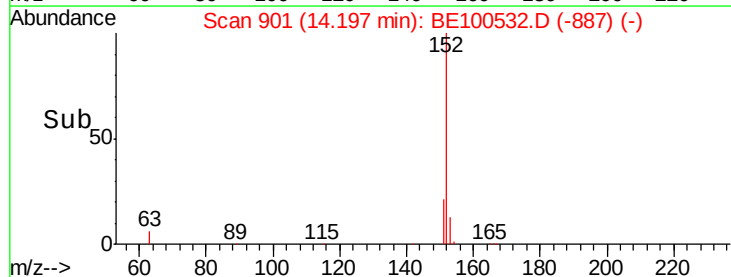
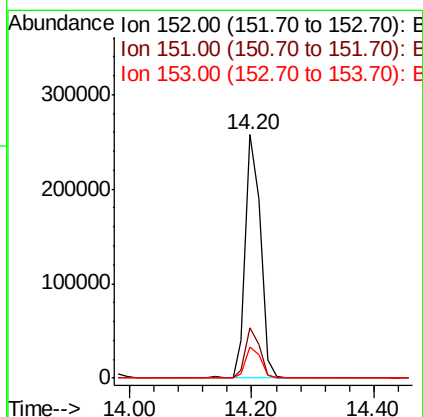
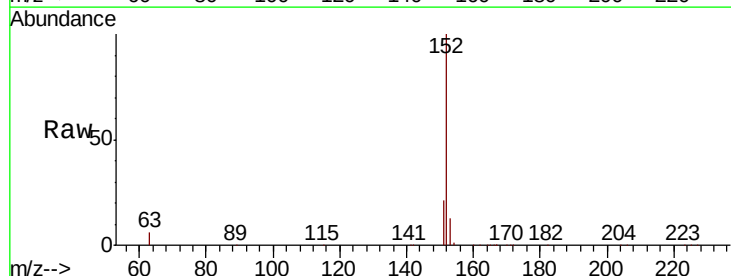
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

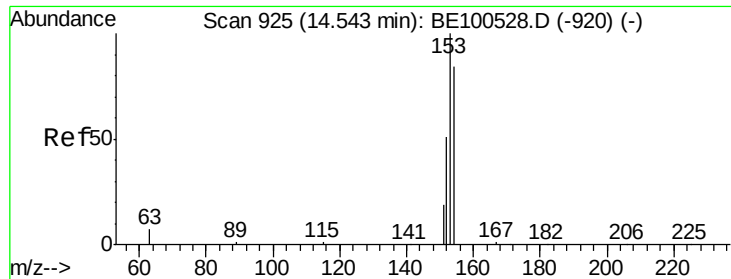
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.8	43.2
170	23.2	19.4	29.0



#16
Acenaphthylene
Concen: 5.616 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.0	10.7	16.1





#17

Acenaphthene

Concen: 5.516 ng

RT: 14.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: BE100532.D

Acq: 20 Sep 2019 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

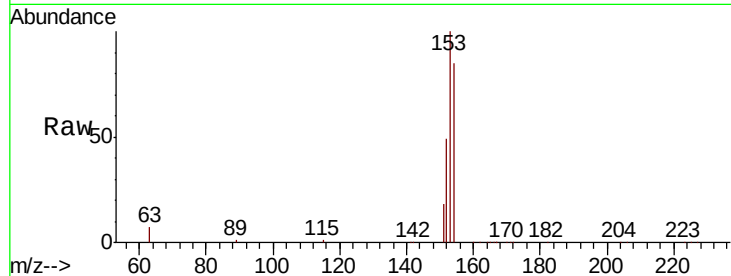
Tot Ion:154 Resp: 287674

Ion Ratio Lower Upper

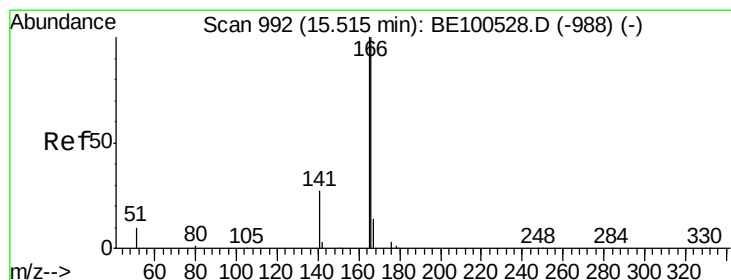
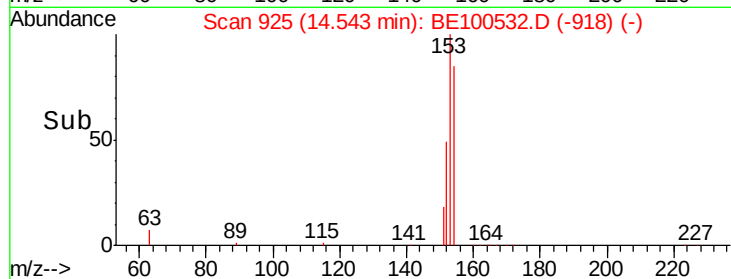
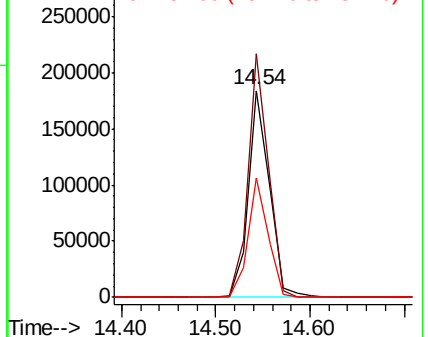
154 100

153 113.0 93.7 140.5

152 55.3 47.3 70.9



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: 5.378 ng

RT: 15.51 min Scan# 992

Delta R.T. -0.00 min

Lab File: BE100532.D

Acq: 20 Sep 2019 17:51

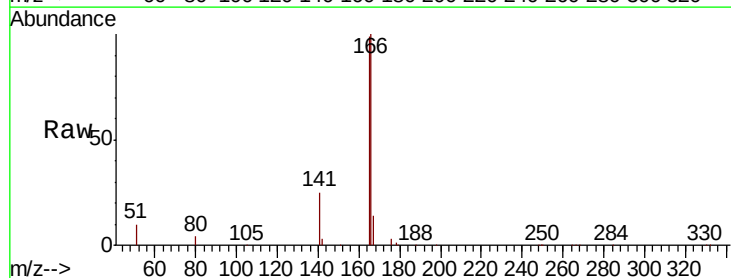
Tgt Ion:166 Resp: 357056

Ion Ratio Lower Upper

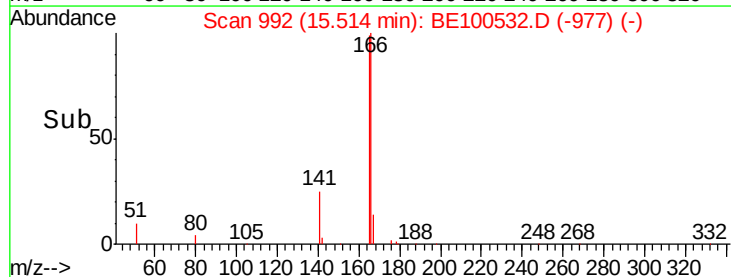
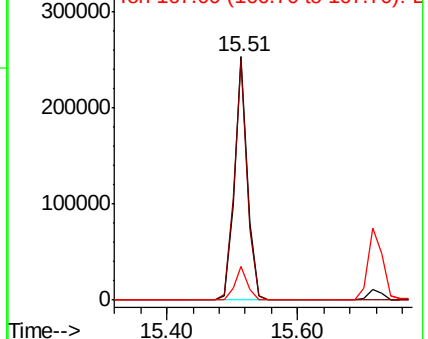
166 100

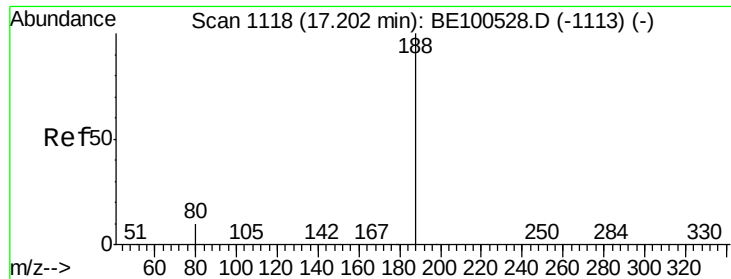
165 99.5 80.1 120.1

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

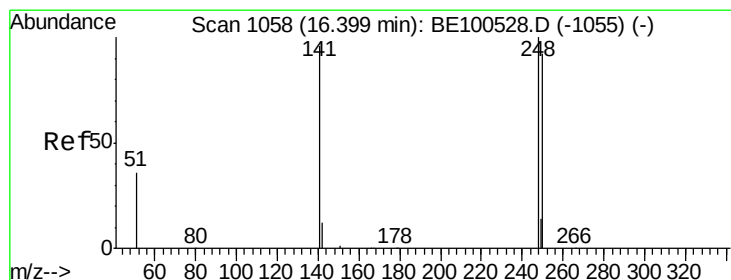
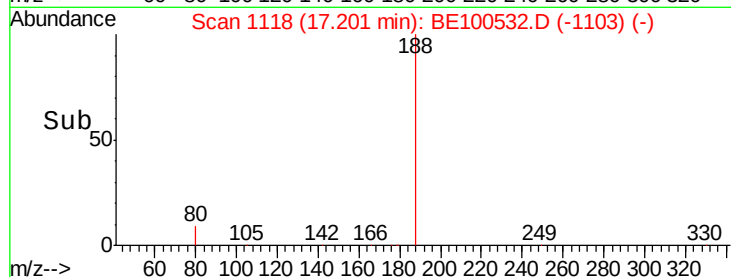
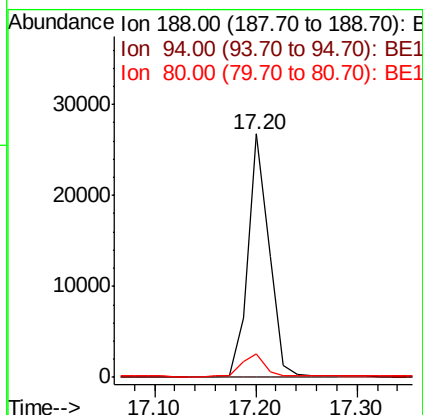
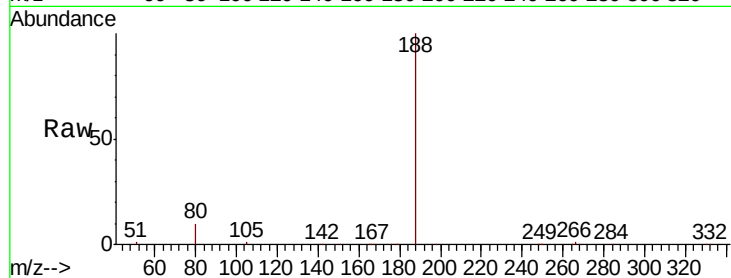




#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.20 min Scan# 1118
 Delta R.T. -0.00 min
 Lab File: BE100532.D
 Acq: 20 Sep 2019 17:51

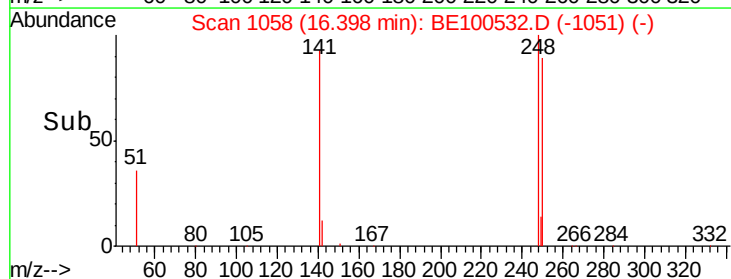
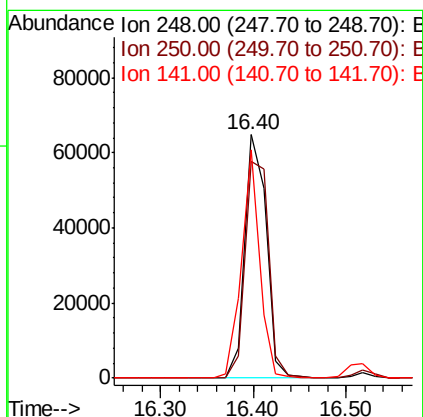
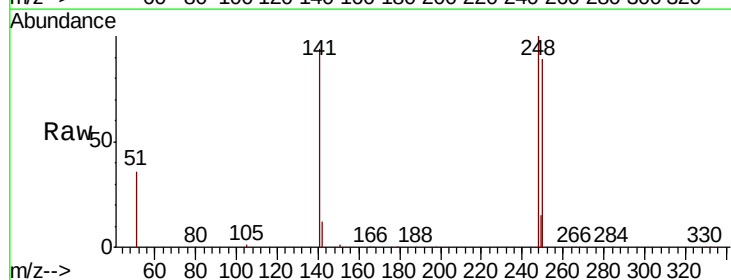
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC5.0

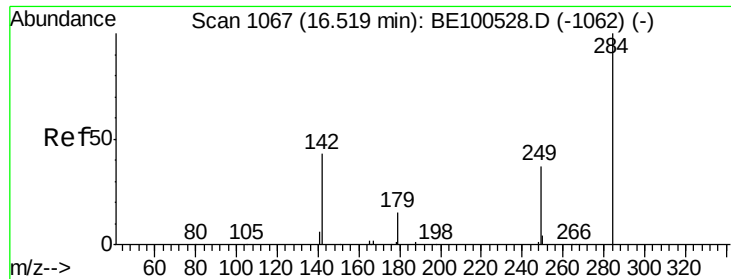
Tot Ion:188 Resp: 38829
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.5 8.0 12.0



#20
 4-Bromophenyl-phenylether
 Concen: 5.836 ng
 RT: 16.40 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BE100532.D
 Acq: 20 Sep 2019 17:51

Tgt Ion:248 Resp: 103692
 Ion Ratio Lower Upper
 248 100
 250 89.0 73.5 110.3
 141 93.5 77.0 115.4

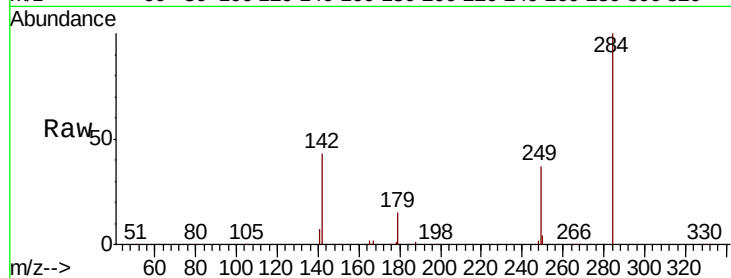




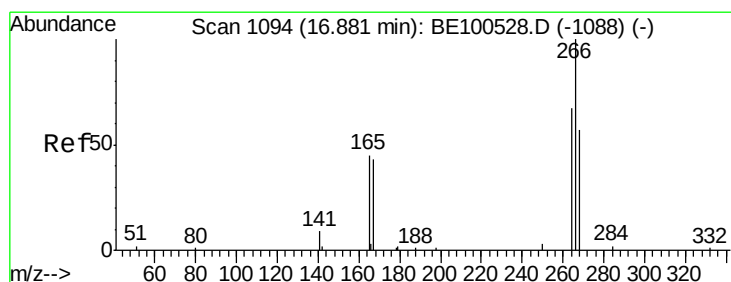
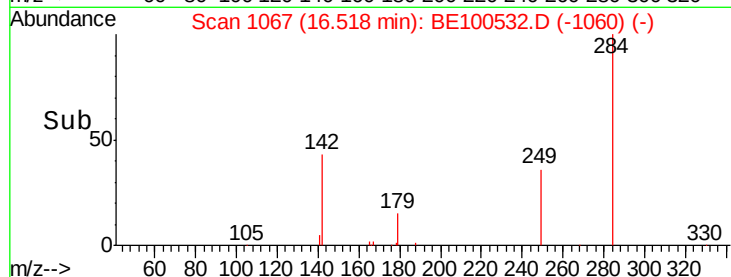
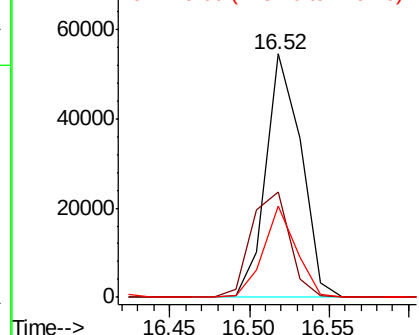
#21
Hexachlorobenzene
Concen: 5.517 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

Tot Ion:284 Resp: 83496
Ion Ratio Lower Upper
284 100
142 46.9 39.0 58.6
249 34.7 28.2 42.2

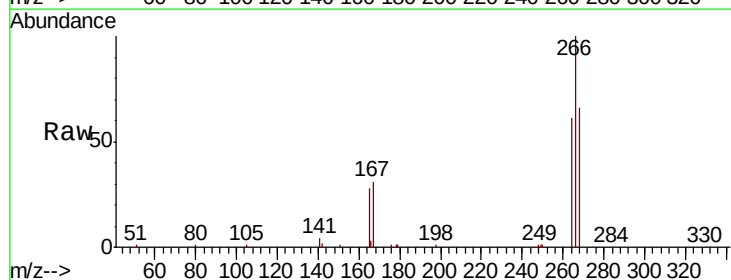


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

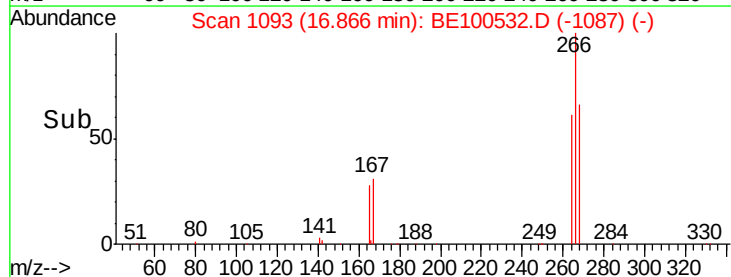
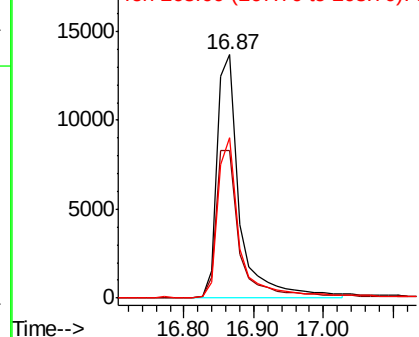


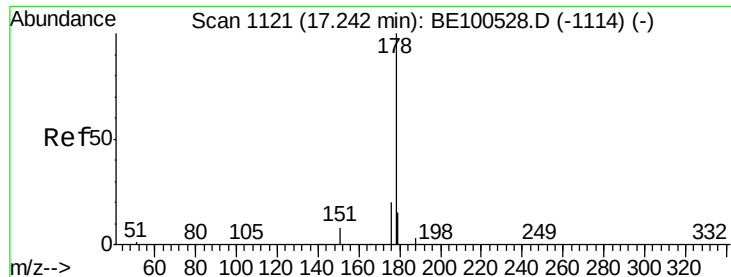
#22
Pentachlorophenol
Concen: 8.040 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Tgt Ion:266 Resp: 30503
Ion Ratio Lower Upper
266 100
264 60.7 57.6 86.4
268 65.8 55.1 82.7



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

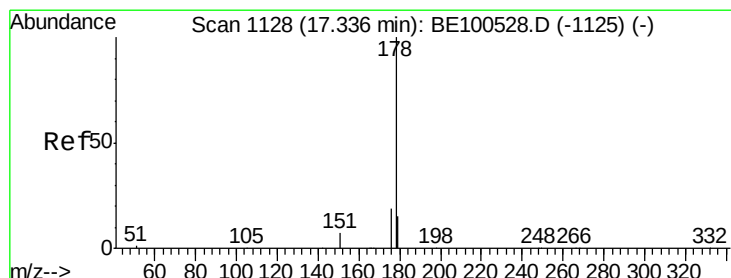
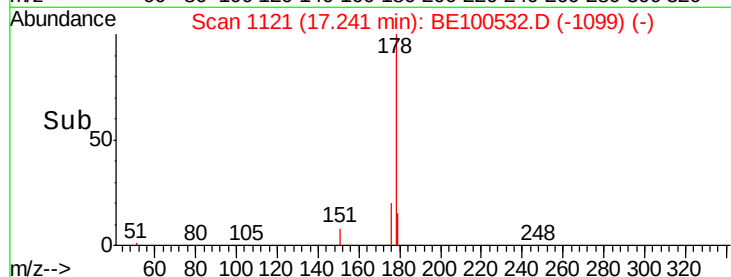
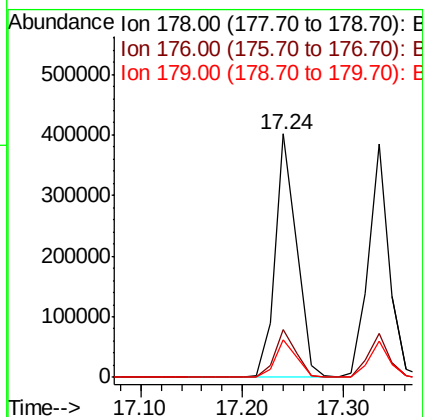
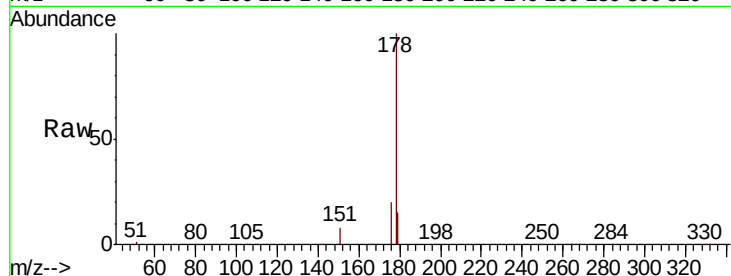




#23
Phenanthrene
Concen: 5.517 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

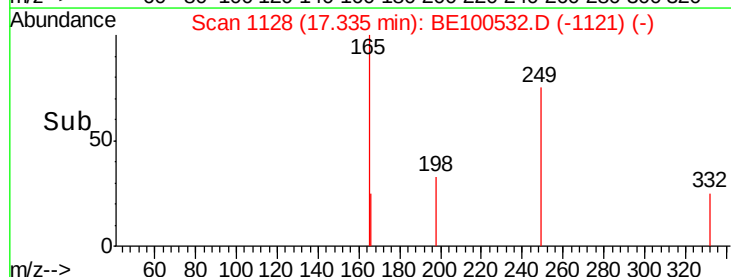
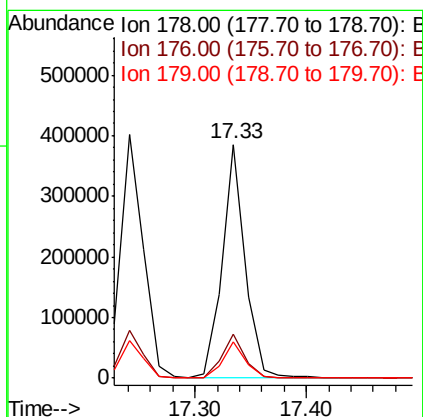
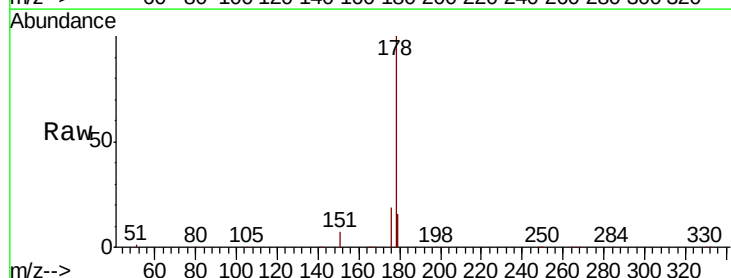
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

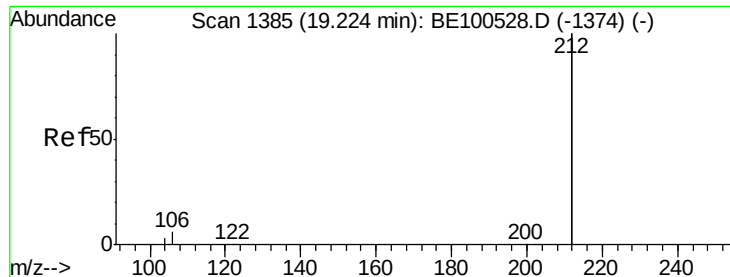
Tot Ion:178 Resp: 585946
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.3 12.6 18.8



#24
Anthracene
Concen: 6.057 ng
RT: 17.33 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Tgt Ion:178 Resp: 546310
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 15.5 12.2 18.4





#25

Fluoranthene-d10

Concen: 5.362 ng

RT: 19.22 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BE100532.D

Acq: 20 Sep 2019 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

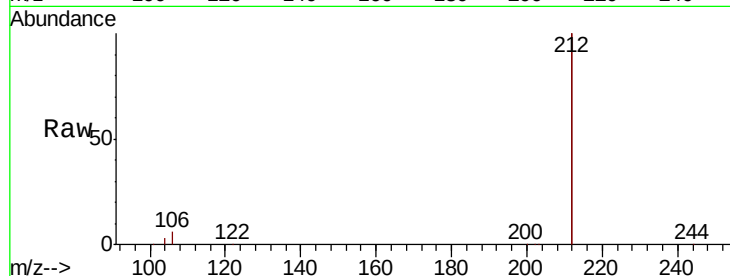
Tot Ion:212 Resp: 2554307

Ion Ratio Lower Upper

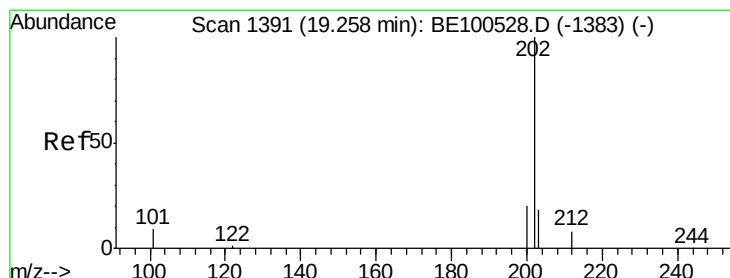
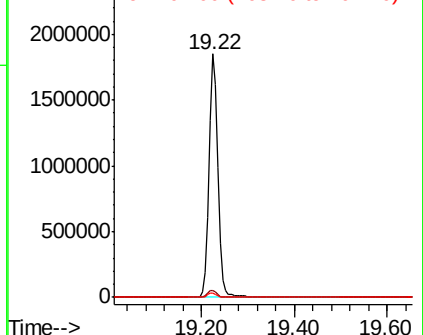
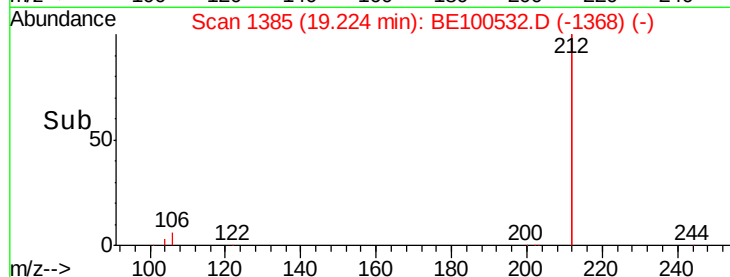
212 100

106 3.0 2.3 3.5

104 1.7 1.3 1.9



Abundance Ion 212.00 (211.70 to 212.70): E
2500000
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 5.656 ng

RT: 19.25 min Scan# 1390

Delta R.T. -0.01 min

Lab File: BE100532.D

Acq: 20 Sep 2019 17:51

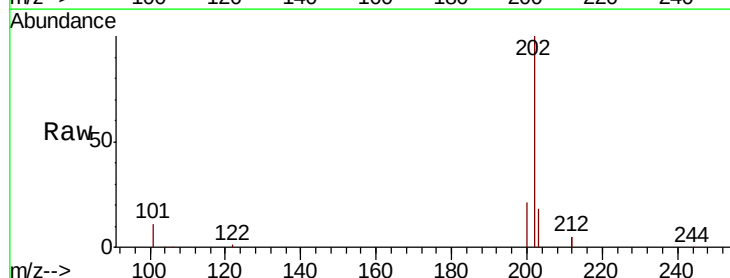
Tgt Ion:202 Resp: 726905

Ion Ratio Lower Upper

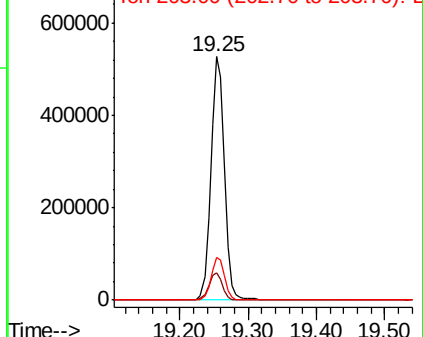
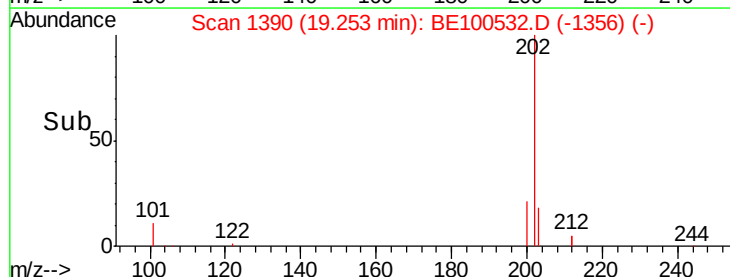
202 100

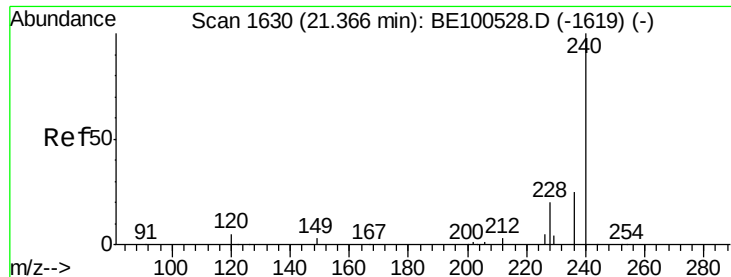
101 11.2 8.8 13.2

203 17.7 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E
600000
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: 21.37 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BE100532.D

Acq: 20 Sep 2019 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

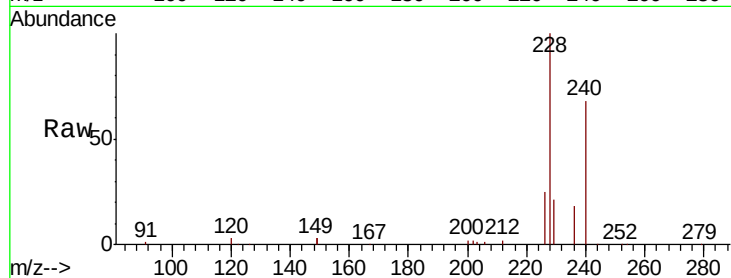
Tot Ion:240 Resp: 50188

Ion Ratio Lower Upper

240 100

120 4.9 4.5 6.7

236 25.8 20.6 30.8

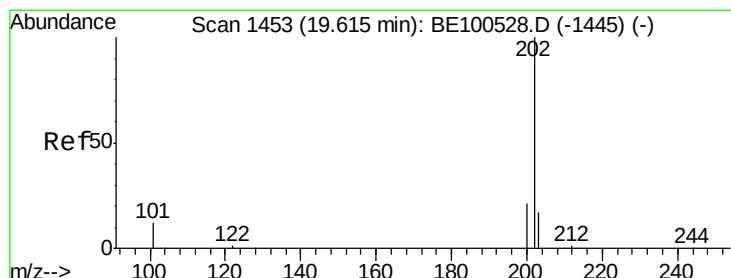
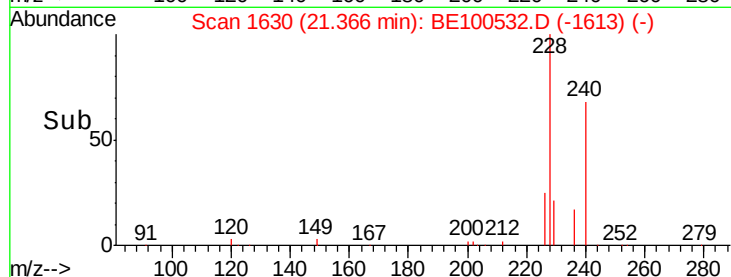
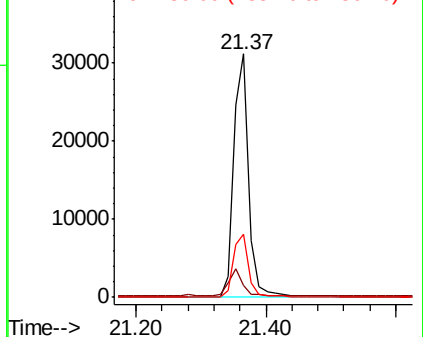


Abundance

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: 5.115 ng

RT: 19.62 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BE100532.D

Acq: 20 Sep 2019 17:51

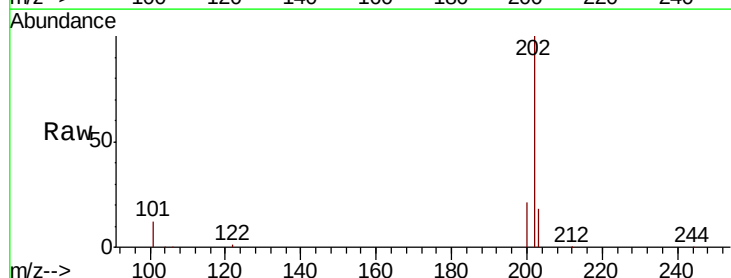
Tgt Ion:202 Resp: 725062

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

203 17.7 14.0 21.0

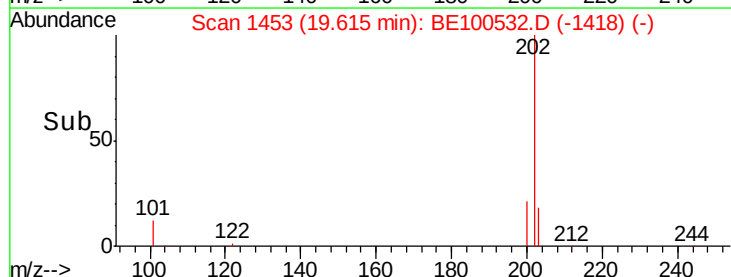
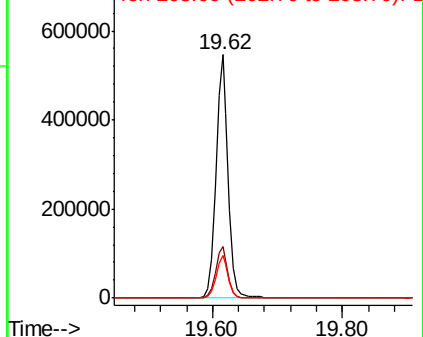


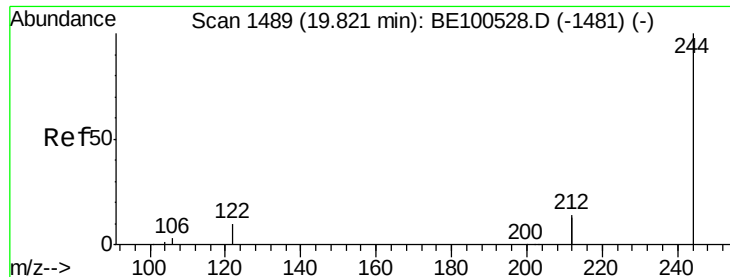
Abundance

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: 5.205 ng

RT: 19.82 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BE100532.D

Acq: 20 Sep 2019 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

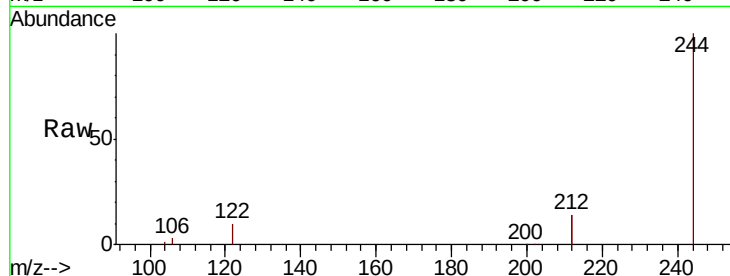
Tot Ion:244 Resp: 606834

Ion Ratio Lower Upper

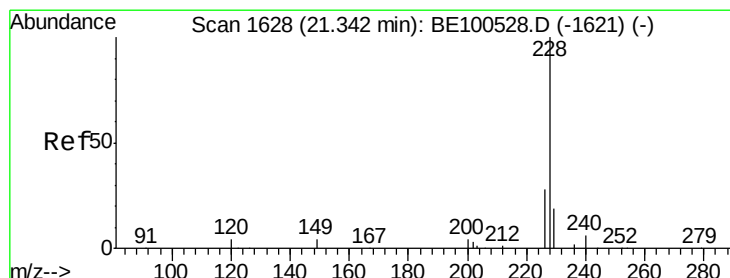
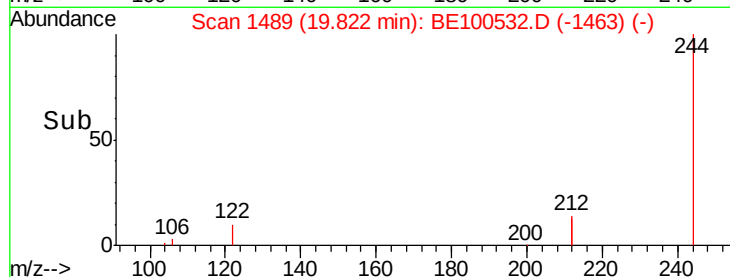
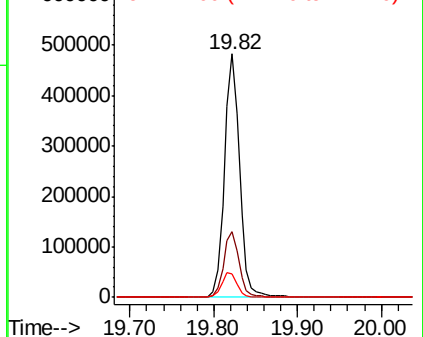
244 100

212 27.2 22.2 33.2

122 9.6 8.3 12.5



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: 5.387 ng

RT: 21.34 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE100532.D

Acq: 20 Sep 2019 17:51

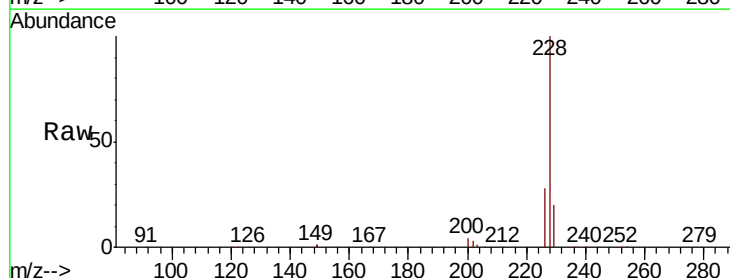
Tgt Ion:228 Resp: 746289

Ion Ratio Lower Upper

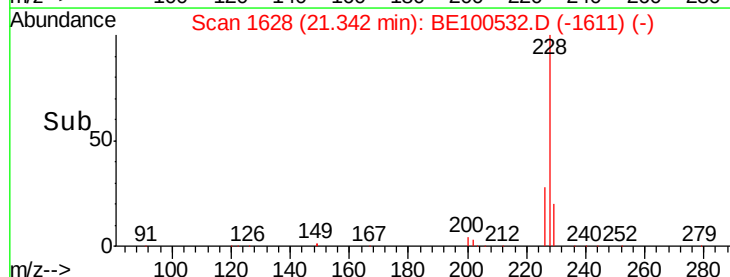
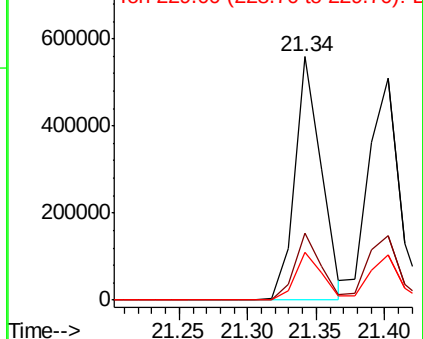
228 100

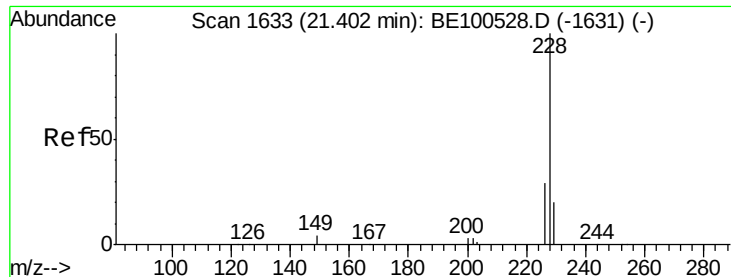
226 27.6 22.5 33.7

229 19.8 15.4 23.2



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: 5.312 ng

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE100532.D

Acq: 20 Sep 2019 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

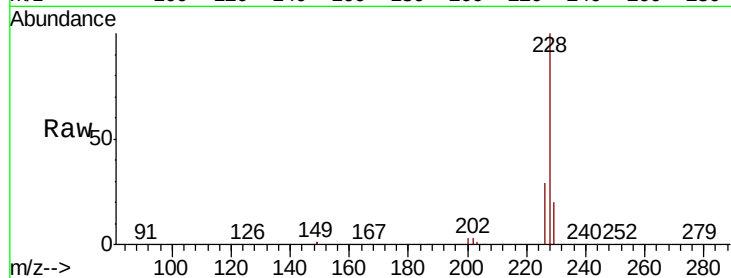
Tot Ion:228 Resp: 780062

Ion Ratio Lower Upper

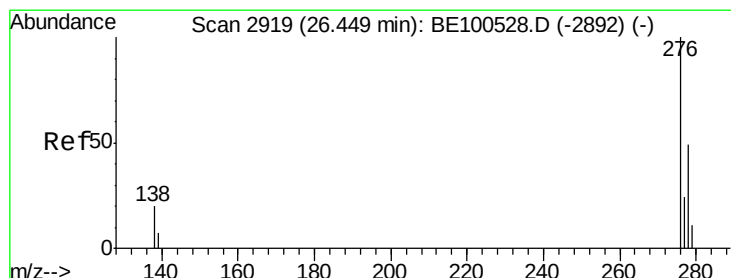
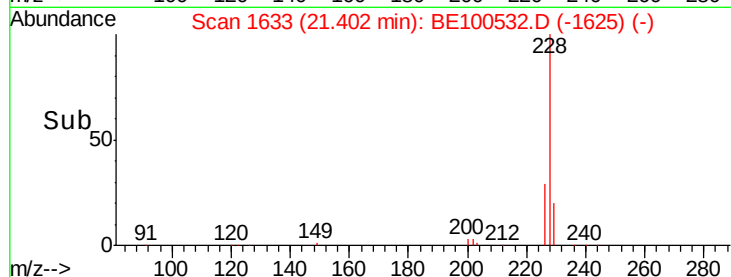
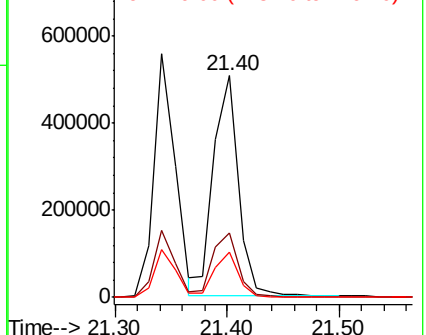
228 100

226 29.3 23.3 34.9

229 20.3 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 5.060 ng

RT: 26.45 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BE100532.D

Acq: 20 Sep 2019 17:51

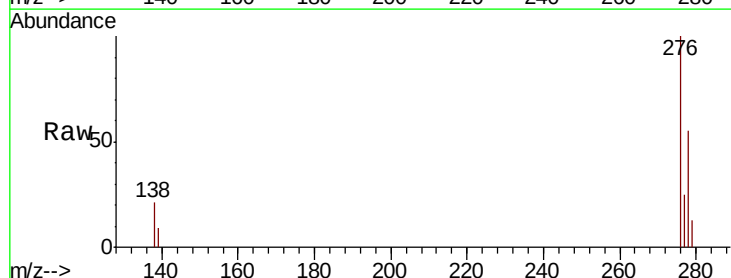
Tgt Ion:276 Resp: 878731

Ion Ratio Lower Upper

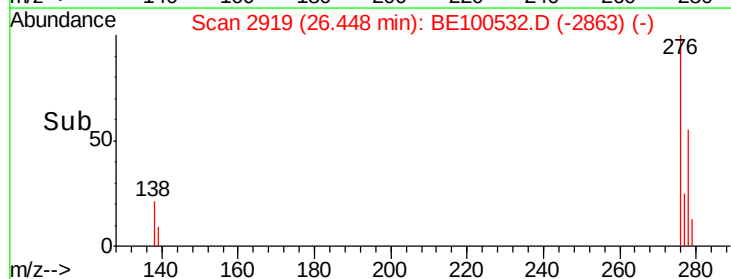
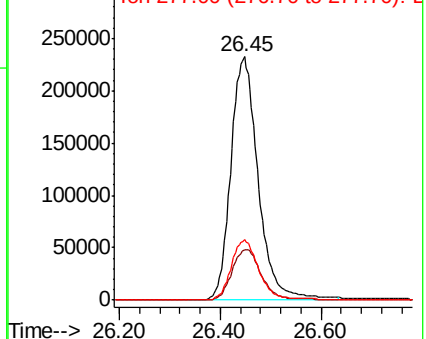
276 100

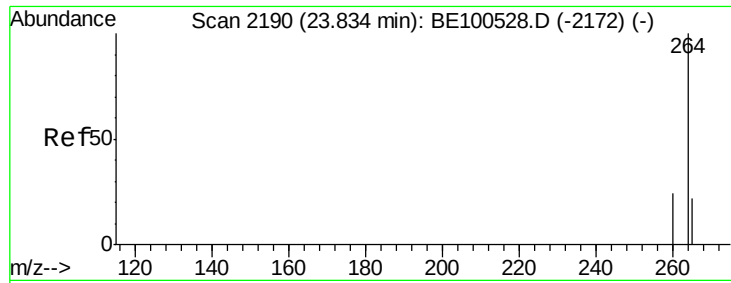
138 22.4 17.7 26.5

277 25.1 19.9 29.9



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

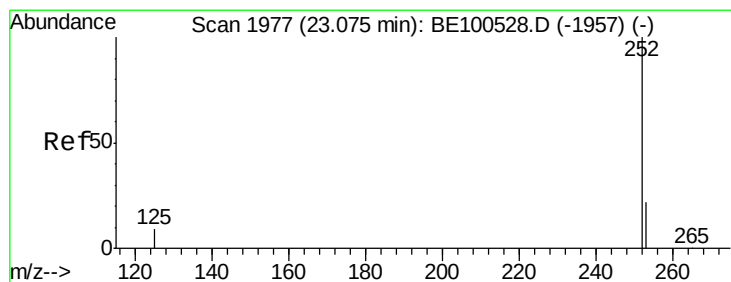
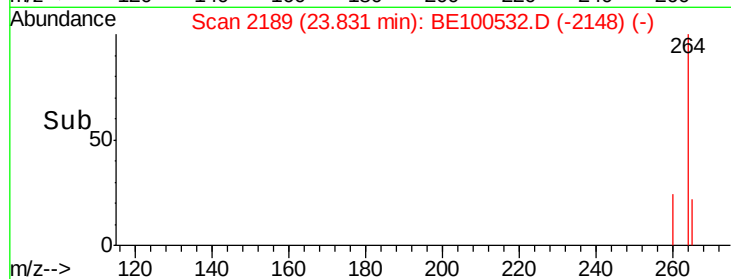
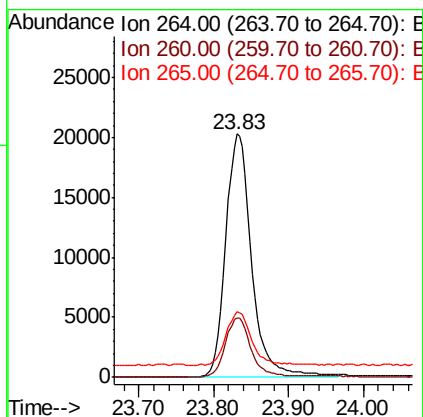
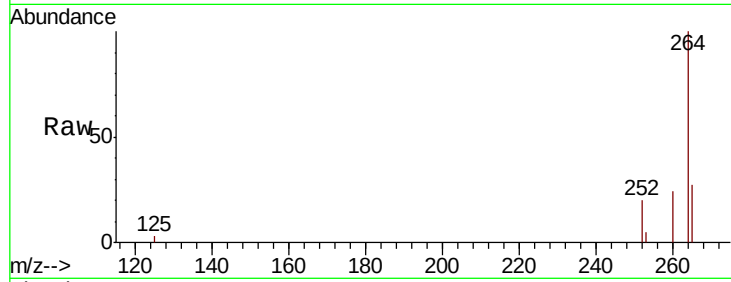




#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.83 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

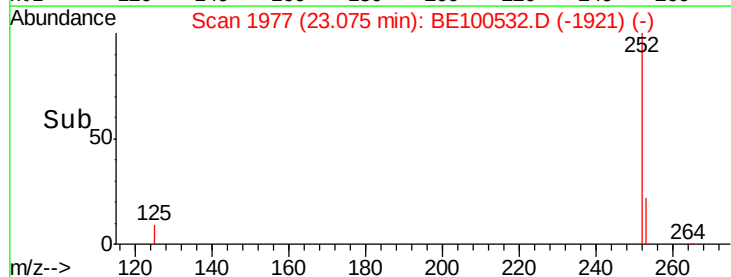
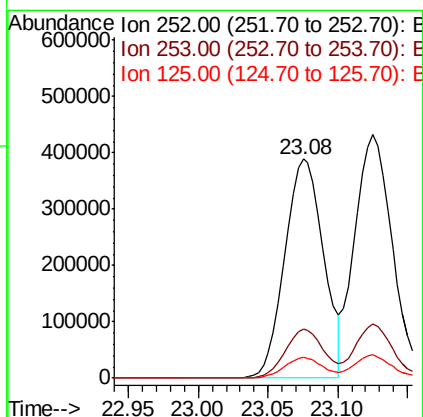
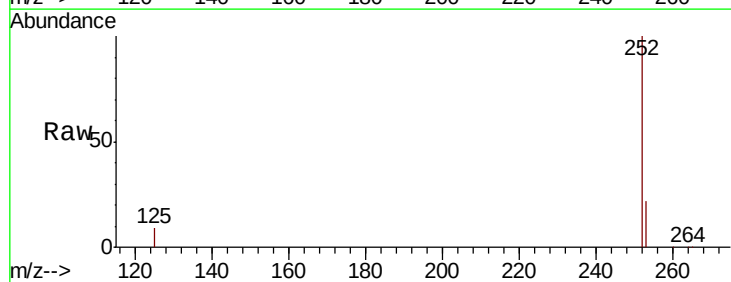
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

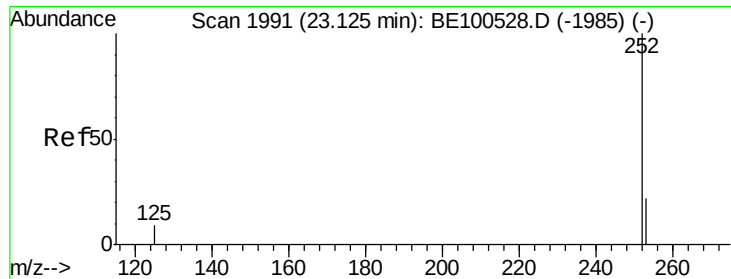
Tot Ion:264 Resp: 48268
Ion Ratio Lower Upper
264 100
260 24.4 19.6 29.4
265 26.9 21.8 32.8



#35
Benzo(b)fluoranthene
Concen: 5.927 ng
RT: 23.08 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Tgt Ion:252 Resp: 750134
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 9.4 8.0 12.0

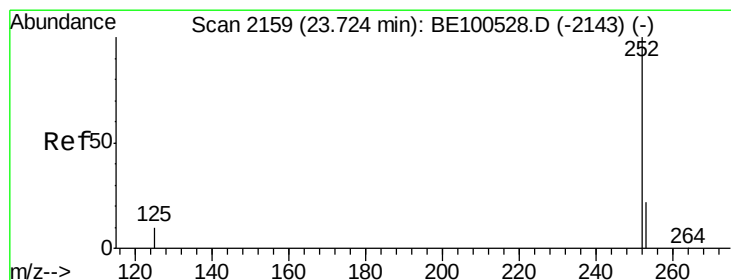
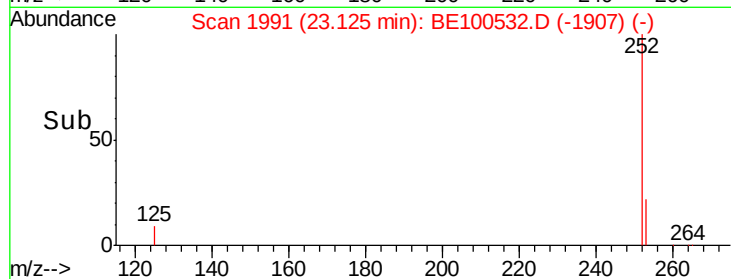
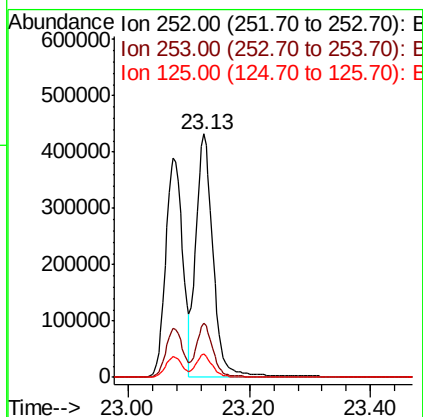
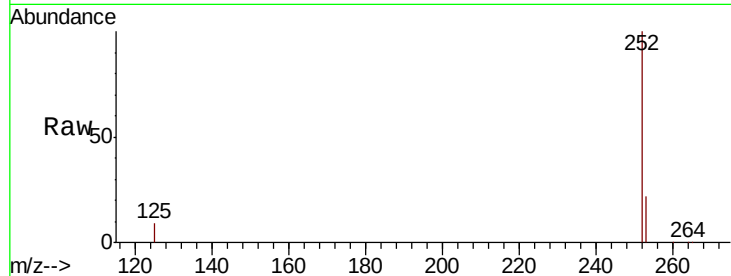




#36
Benzo(k)fluoranthene
Concen: 5.708 ng
RT: 23.13 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

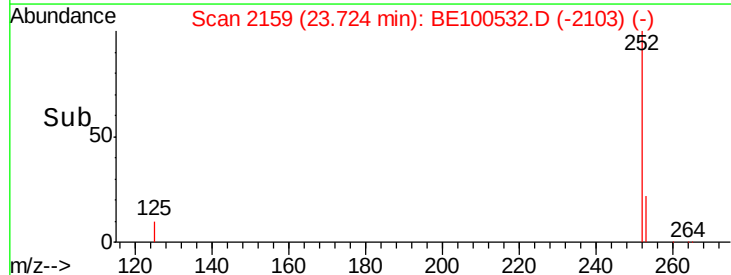
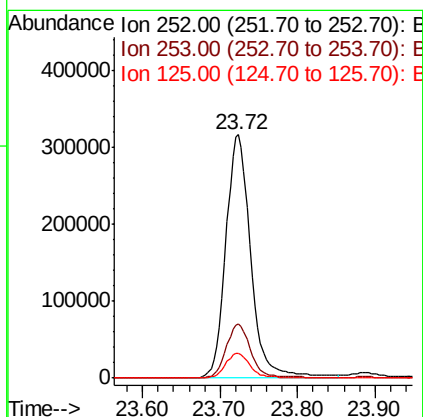
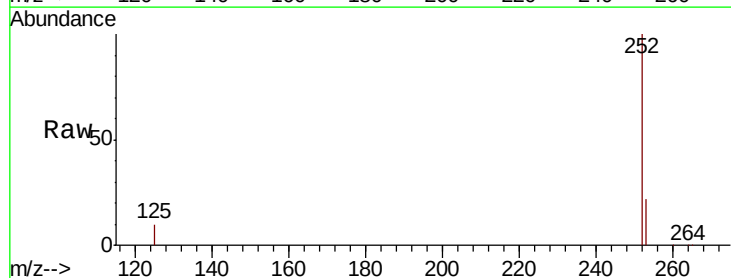
Instrument :
BNA_E
ClientSampleId :
SSTDICC5.0

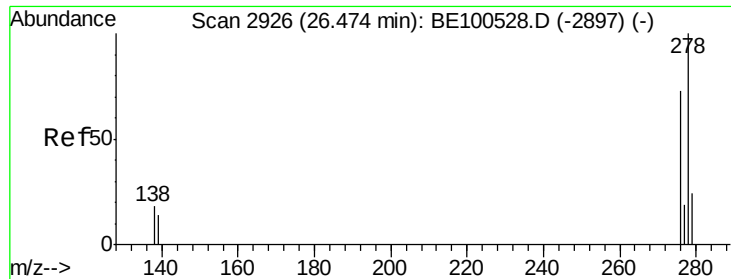
Tot Ion:252 Resp: 840981
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 9.4 8.5 12.7



#37
Benzo(a)pyrene
Concen: 5.816 ng
RT: 23.72 min Scan# 2159
Delta R.T. 0.00 min
Lab File: BE100532.D
Acq: 20 Sep 2019 17:51

Tgt Ion:252 Resp: 702033
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 10.2 9.2 13.8





#38

Dibenzo(a,h)anthracene

Concen: 5.925 ng

RT: 26.47 min Scan# 2925

Delta R.T. -0.00 min

Lab File: BE100532.D

Acq: 20 Sep 2019 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDICC5.0

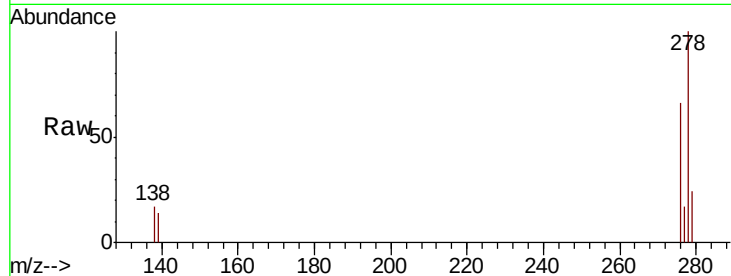
Tot Ion:278 Resp: 738922

Ion Ratio Lower Upper

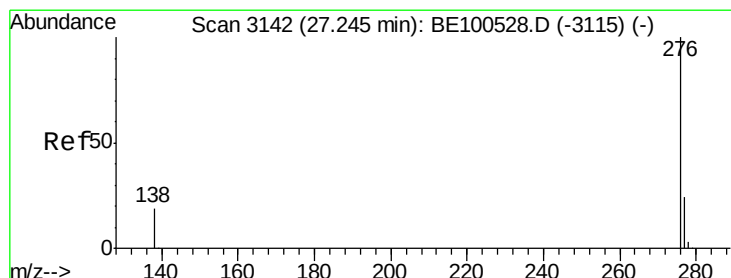
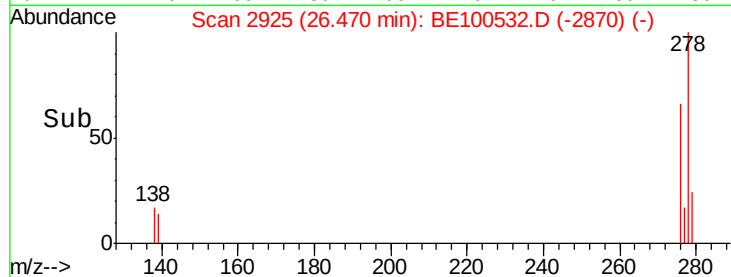
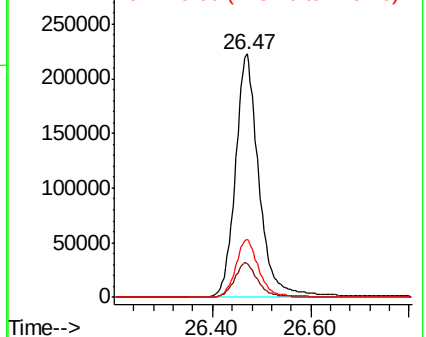
278 100

139 13.9 11.6 17.4

279 23.8 19.7 29.5



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: 5.592 ng

RT: 27.24 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BE100532.D

Acq: 20 Sep 2019 17:51

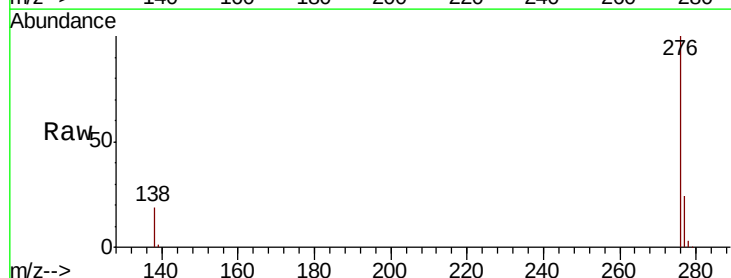
Tgt Ion:276 Resp: 719564

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 19.3 15.7 23.5



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

