

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112119\
 Data File : BE100749.D
 Acq On : 21 Nov 2019 17:51
 Operator : JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Quant Time: Nov 22 01:47:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE112119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 22 01:43:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	4914	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	20937	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	11180	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	24693	0.40	ng	0.00
27) Chrysene-d12	21.32	240	29499	0.40	ng	0.00
34) Perylene-d12	23.77	264	28897	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	5212	0.36	ng	0.00
5) Phenol-d6	6.93	99	7451	0.37	ng	0.00
8) Nitrobenzene-d5	8.90	82	2310	0.13	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	11952	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	561	0.48	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	17432	0.43	ng	0.00
25) Fluoranthene-d10	19.17	212	117495	0.36	ng	0.00
29) Terphenyl-d14	19.78	244	26638	0.38	ng	0.00

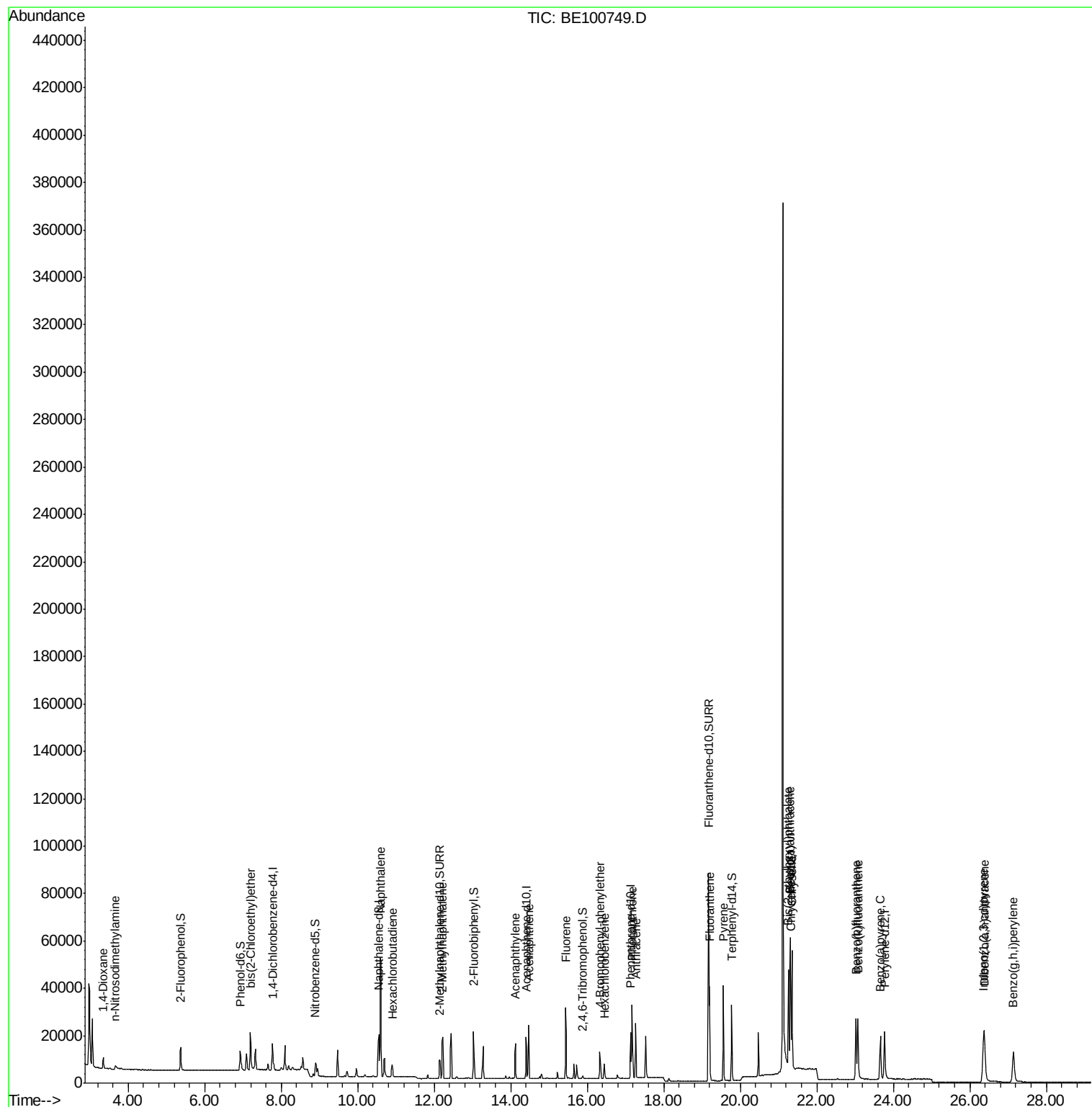
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	3669	0.428	ng	93
3) n-Nitrosodimethylamine	3.66	42	2319	0.273	ng	# 76
6) bis(2-Chloroethyl)ether	7.19	93	5941	0.335	ng	100
9) Naphthalene	10.59	128	90553	0.417	ng	100
10) Hexachlorobutadiene	10.90	225	3419	0.341	ng	100
12) 2-Methylnaphthalene	12.22	142	13877	0.375	ng	100
16) Acenaphthylene	14.13	152	18205	0.403	ng	100
17) Acenaphthene	14.47	154	12612	0.425	ng	99
18) Fluorene	15.44	166	15963	0.393	ng	100
20) 4-Bromophenyl-phenylether	16.33	248	4836	0.371	ng	100
21) Hexachlorobenzene	16.45	284	5106	0.403	ng	100
23) Phenanthrene	17.18	178	29810	0.443	ng	100
24) Anthracene	17.27	178	24142	0.402	ng	100
26) Fluoranthene	19.20	202	35182	0.391	ng	100
28) Pyrene	19.56	202	35517	0.433	ng	100
30) Benzo(a)anthracene	21.31	228	39144	0.414	ng	100
31) Chrysene	21.35	228	40648	0.423	ng	100
32) Bis(2-ethylhexyl)phthalate	21.26	149	50026	0.298	ng	99
33) Indeno(1,2,3-cd)pyrene	26.35	276	36368	0.323	ng	100
35) Benzo(b)fluoranthene	23.02	252	36126	0.428	ng	100
36) Benzo(k)fluoranthene	23.07	252	36854	0.417	ng	100
37) Benzo(a)pyrene	23.66	252	30795	0.392	ng	100
38) Dibenzo(a,h)anthracene	26.38	278	30352	0.370	ng	100
39) Benzo(g,h,i)perylene	27.14	276	31934	0.397	ng	100

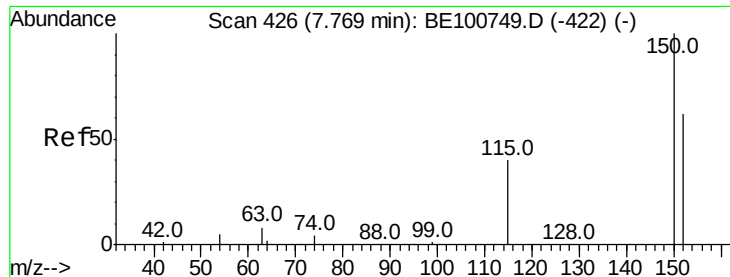
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.77 min Scan# 426

Delta R.T. 0.00 min

Lab File: BE100749.D

Acq: 21 Nov 2019 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

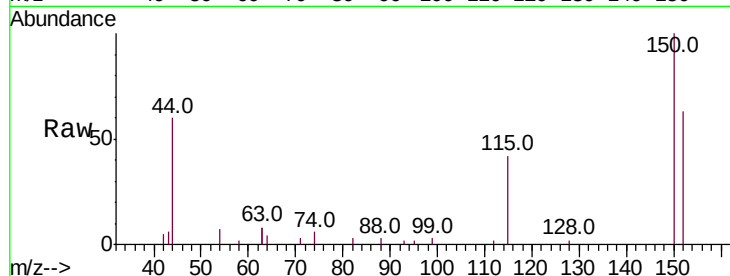
Tot Ion:152 Resp: 4914

Ion Ratio Lower Upper

152 100

150 158.9 127.1 190.7

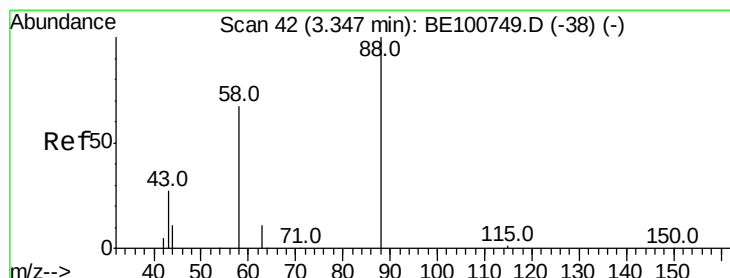
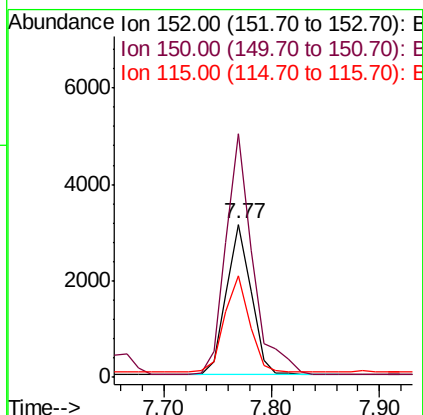
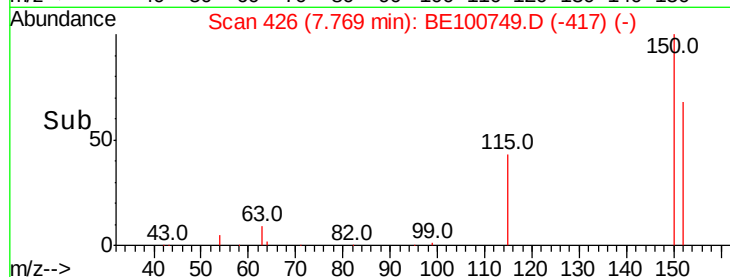
115 66.2 53.0 79.4



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: 0.428 ng

RT: 3.35 min Scan# 42

Delta R.T. 0.00 min

Lab File: BE100749.D

Acq: 21 Nov 2019 17:51

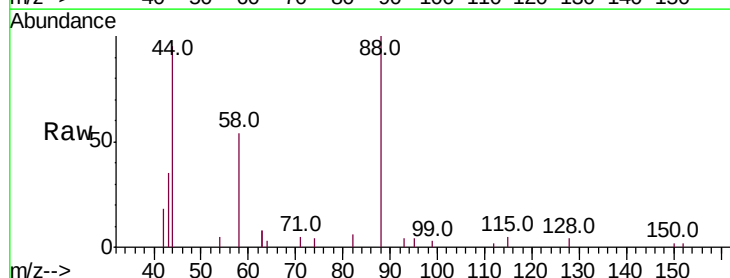
Tgt Ion: 88 Resp: 3669

Ion Ratio Lower Upper

88 100

58 66.9 60.7 91.1

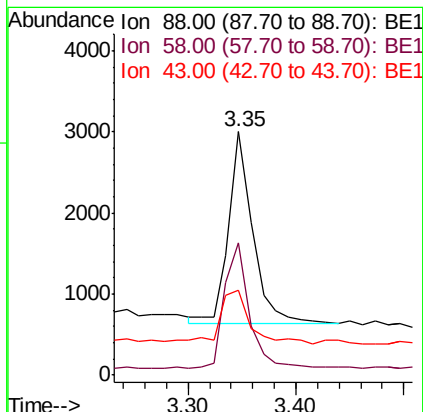
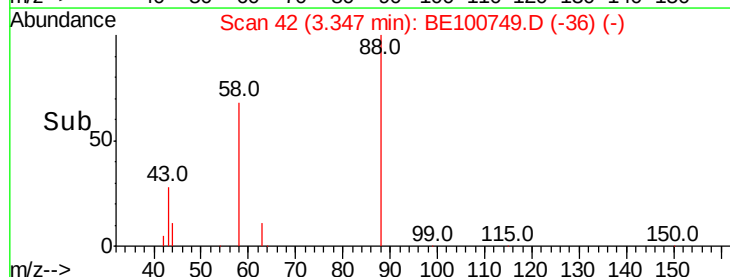
43 33.9 27.4 41.2

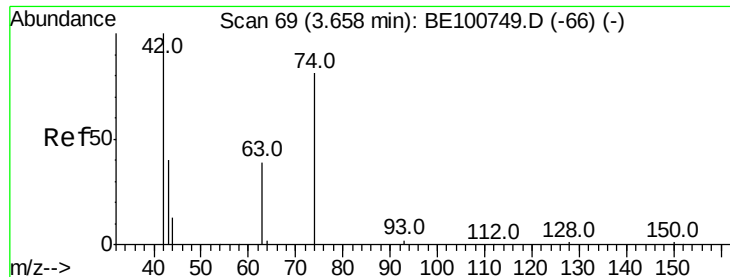


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.273 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE100749.D

Acq: 21 Nov 2019 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

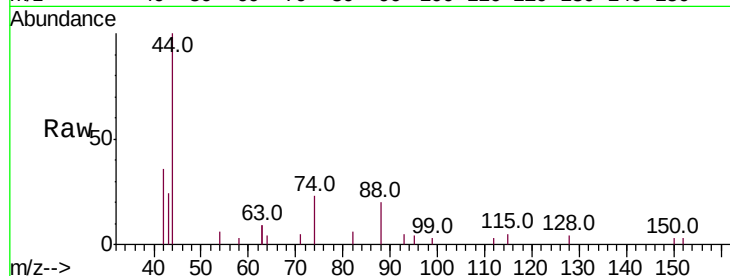
Tot Ion: 42 Resp: 2319

Ion Ratio Lower Upper

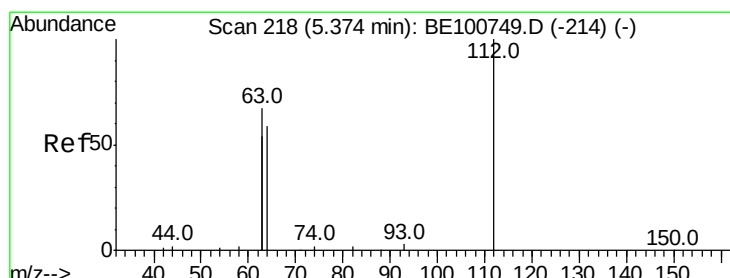
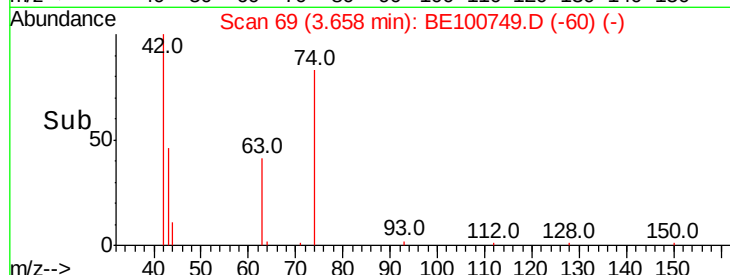
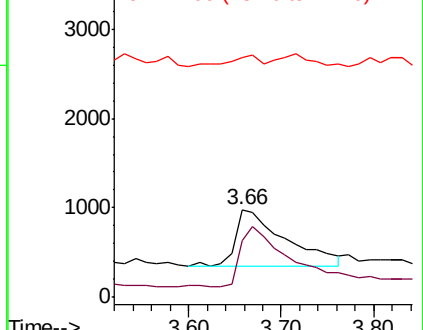
42 100

74 102.5 0.0 0.0#

44 13.2 4.2 6.4#



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: 0.363 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100749.D

Acq: 21 Nov 2019 17:51

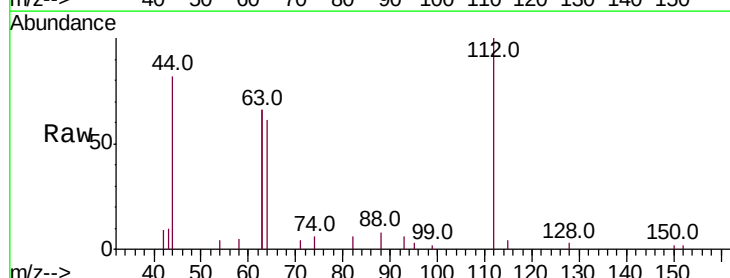
Tgt Ion: 112 Resp: 5212

Ion Ratio Lower Upper

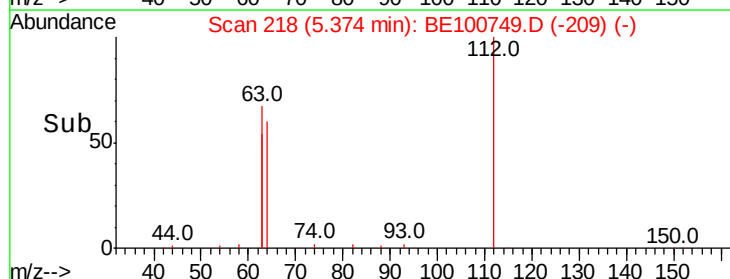
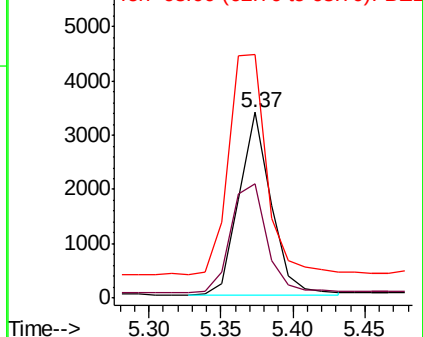
112 100

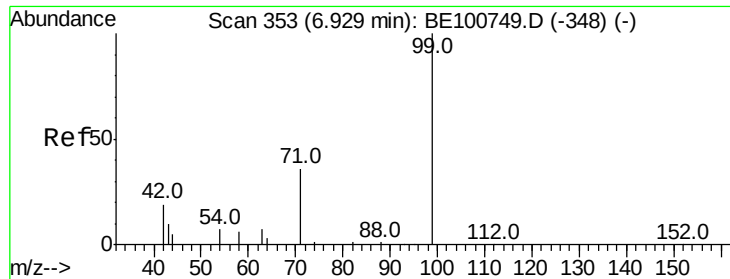
64 68.1 54.3 81.5

63 142.9 114.0 171.0



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: 0.367 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100749.D

Acq: 21 Nov 2019 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

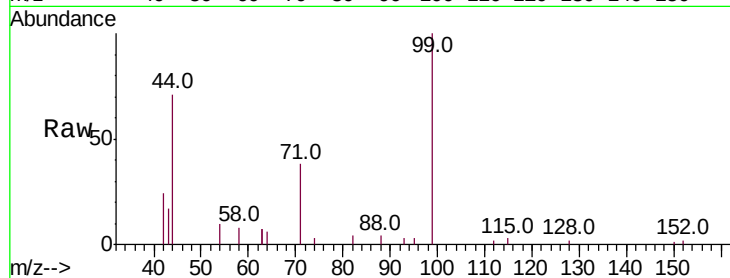
Tot Ion: 99 Resp: 7451

Ion Ratio Lower Upper

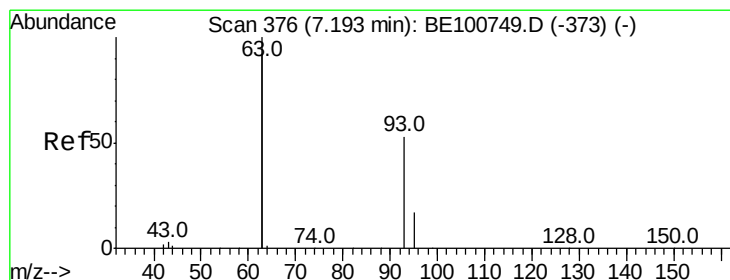
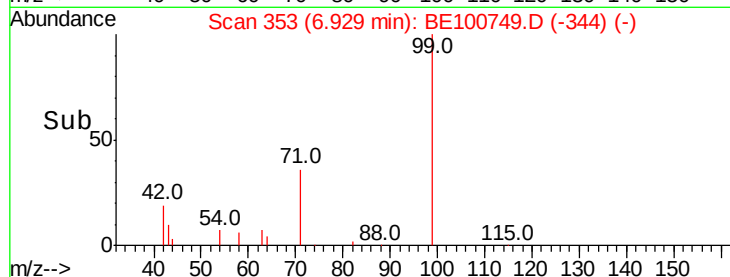
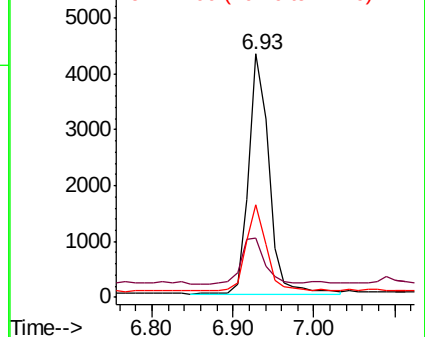
99 100

42 22.1 17.9 26.9

71 36.1 29.3 43.9



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: 0.335 ng

RT: 7.19 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE100749.D

Acq: 21 Nov 2019 17:51

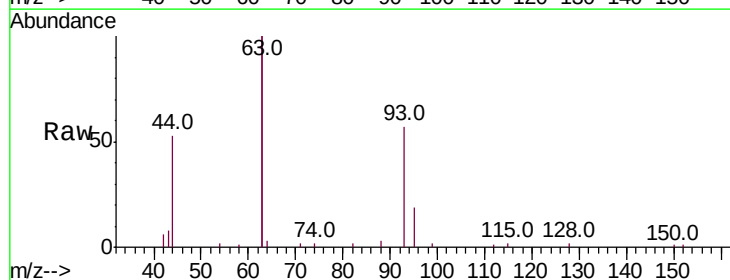
Tgt Ion: 93 Resp: 5941

Ion Ratio Lower Upper

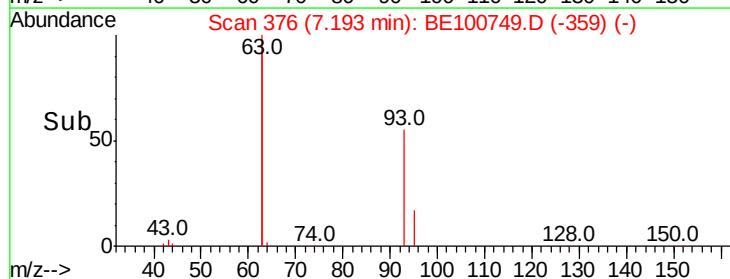
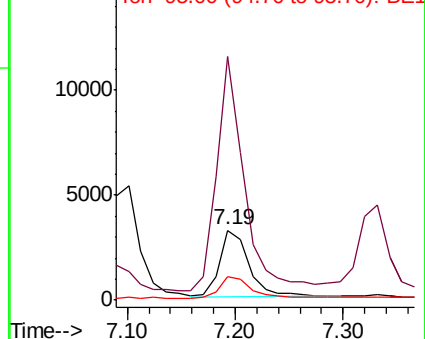
93 100

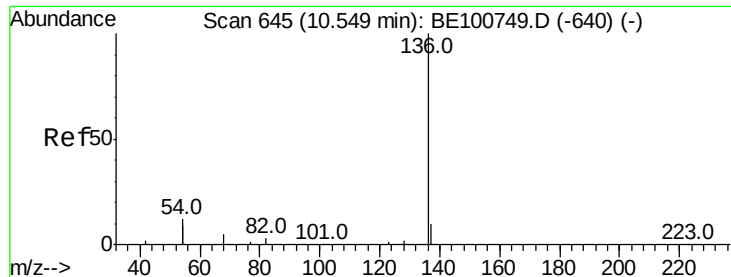
63 333.8 267.0 400.6

95 32.8 26.2 39.4



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: 10.55 min Scan# 645

Delta R.T. 0.00 min

Lab File: BE100749.D

Acq: 21 Nov 2019 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:136 Resp: 20937

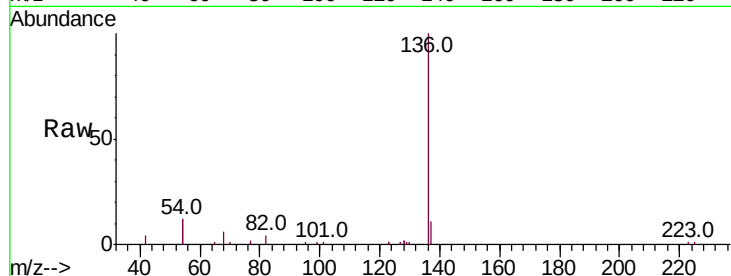
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 24.2 19.4 29.0

68 5.7 4.6 6.8

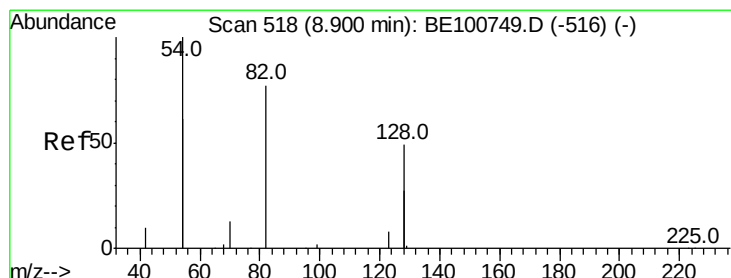
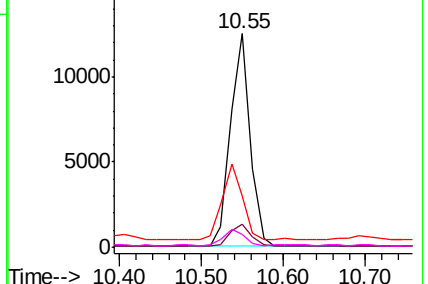
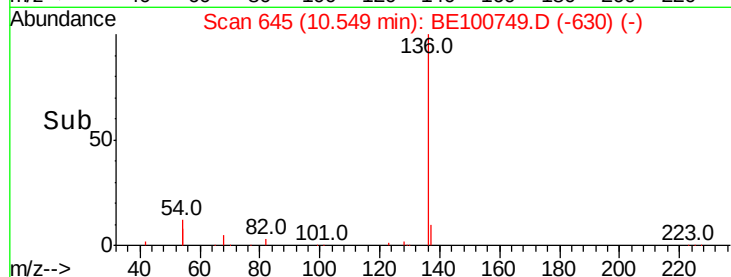


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.130 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100749.D

Acq: 21 Nov 2019 17:51

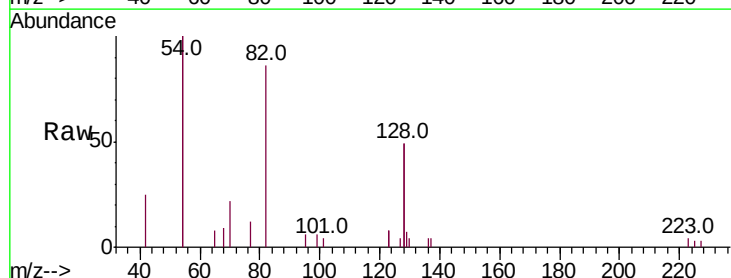
Tgt Ion: 82 Resp: 2310

Ion Ratio Lower Upper

82 100

128 112.8 90.2 135.4

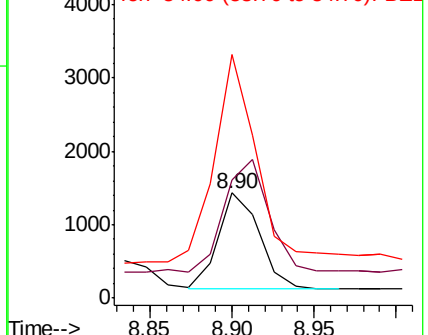
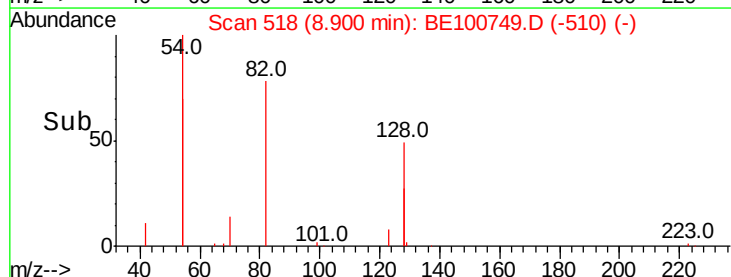
54 232.5 186.0 279.0

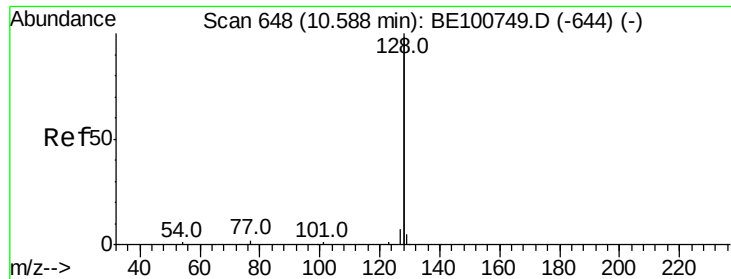


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.417 ng

RT: 10.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BE100749.D

Acq: 21 Nov 2019 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

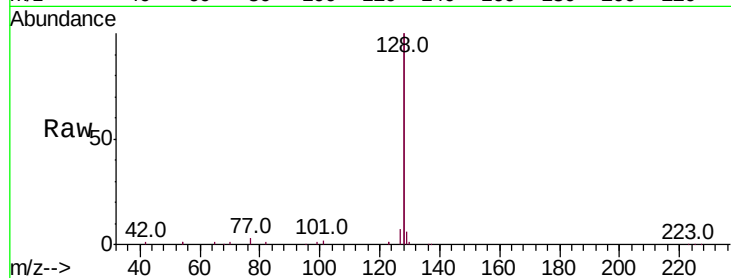
Tot Ion:128 Resp: 90553

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

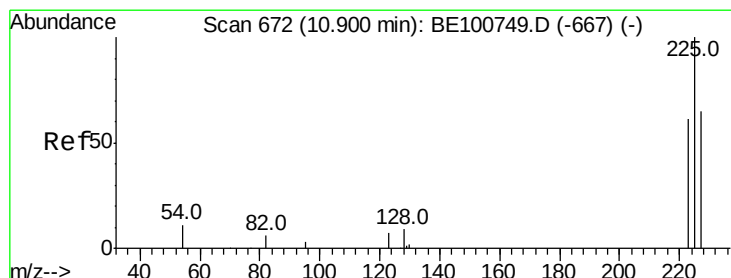
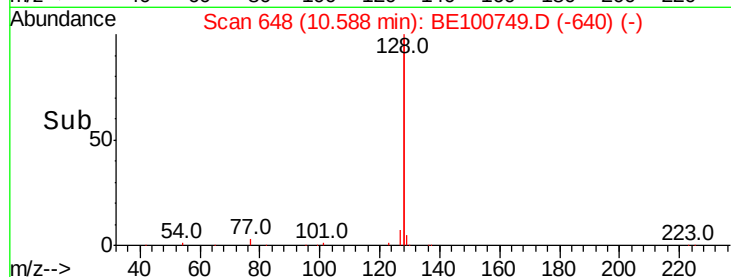
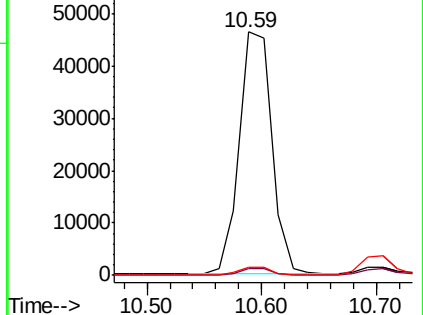
127 3.4 2.7 4.1



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: 0.341 ng

RT: 10.90 min Scan# 672

Delta R.T. 0.00 min

Lab File: BE100749.D

Acq: 21 Nov 2019 17:51

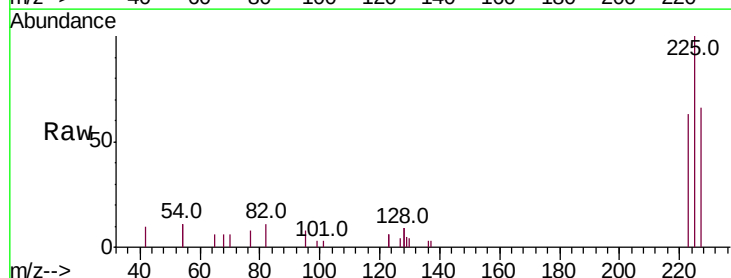
Tgt Ion:225 Resp: 3419

Ion Ratio Lower Upper

225 100

223 63.2 50.6 75.8

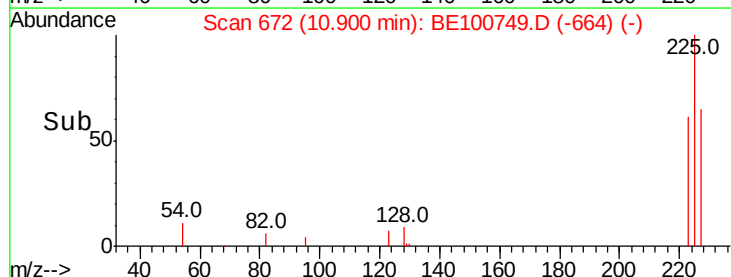
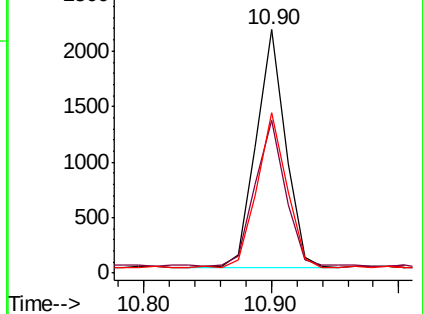
227 65.0 52.0 78.0

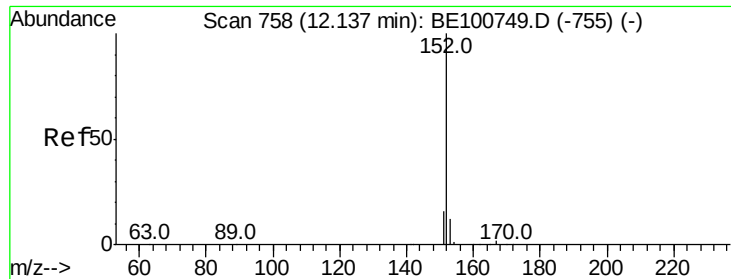


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

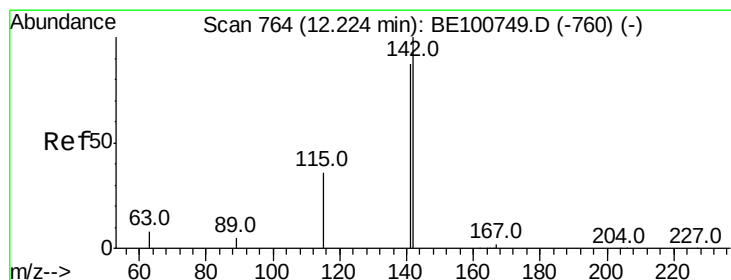
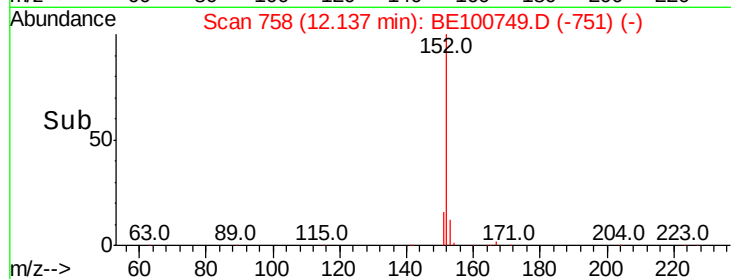
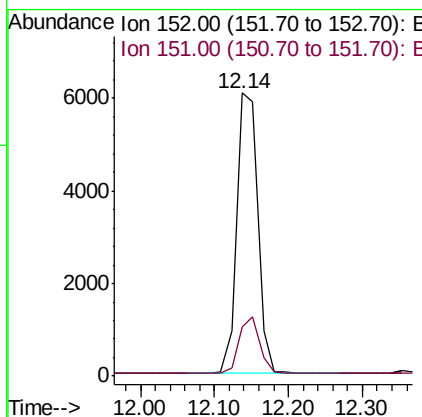
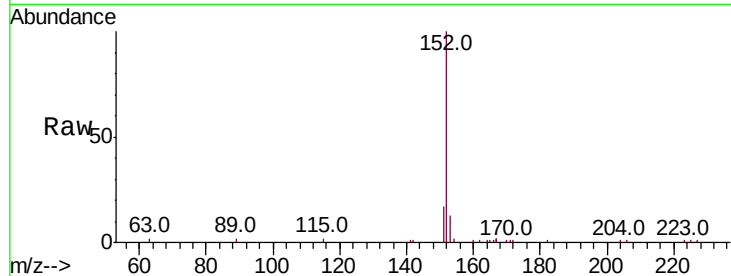




#11
 2-Methylnaphthalene-d10
 Concen: 0.358 ng
 RT: 12.14 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BE100749.D
 Acq: 21 Nov 2019 17:51

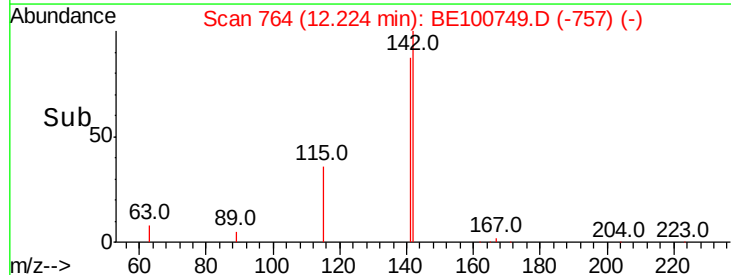
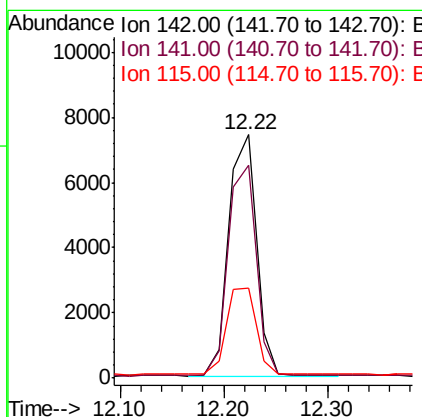
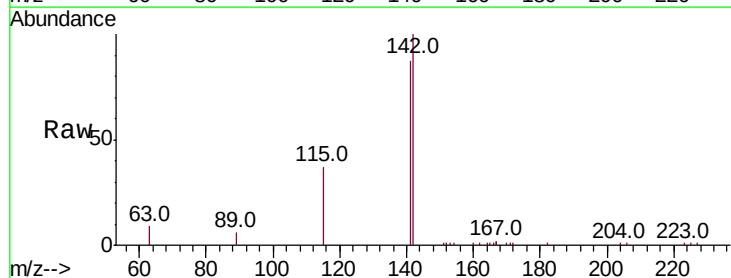
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

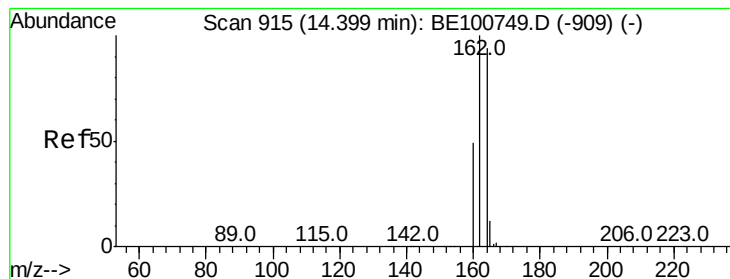
Tot Ion:152 Resp: 11952
 Ion Ratio Lower Upper
 152 100
 151 19.8 15.8 23.8



#12
 2-Methylnaphthalene
 Concen: 0.375 ng
 RT: 12.22 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BE100749.D
 Acq: 21 Nov 2019 17:51

Tgt Ion:142 Resp: 13877
 Ion Ratio Lower Upper
 142 100
 141 87.4 69.9 104.9
 115 36.9 29.5 44.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 915

Delta R.T. 0.00 min

Lab File: BE100749.D

Acq: 21 Nov 2019 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

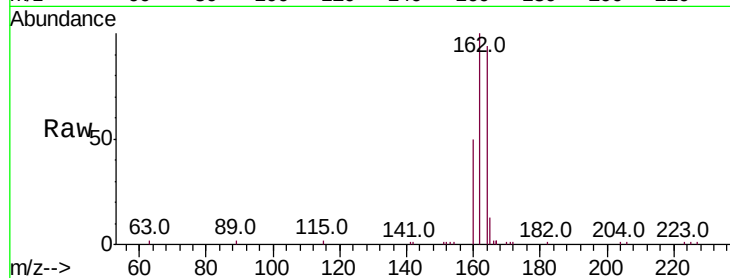
Tot Ion:164 Resp: 11180

Ion Ratio Lower Upper

164 100

162 106.0 84.8 127.2

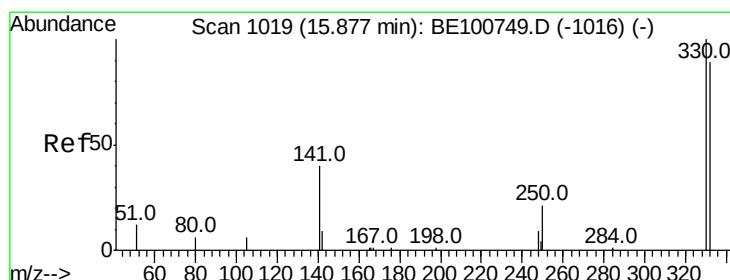
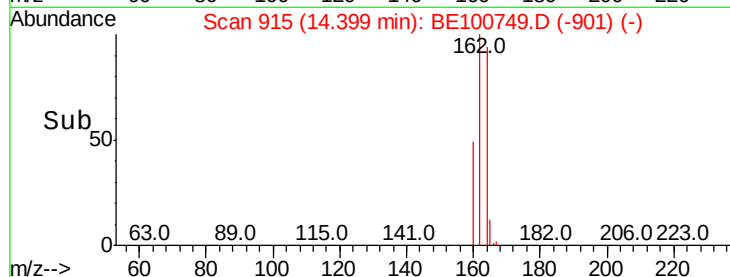
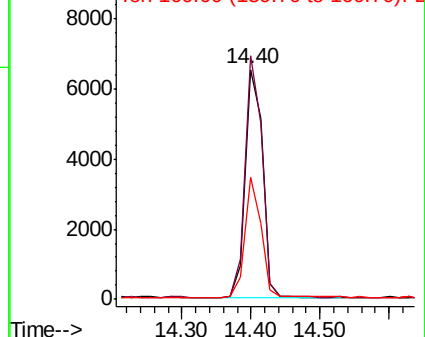
160 52.9 42.3 63.5



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: 0.482 ng

RT: 15.88 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BE100749.D

Acq: 21 Nov 2019 17:51

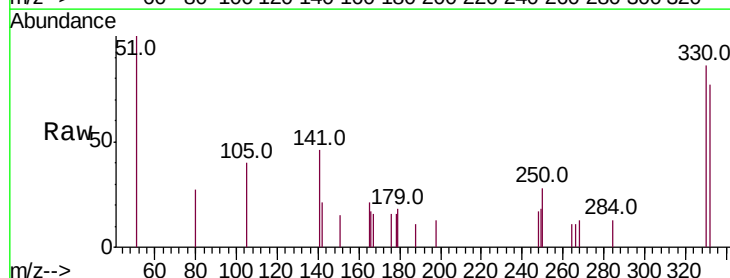
Tgt Ion:330 Resp: 561

Ion Ratio Lower Upper

330 100

332 99.1 79.3 118.9

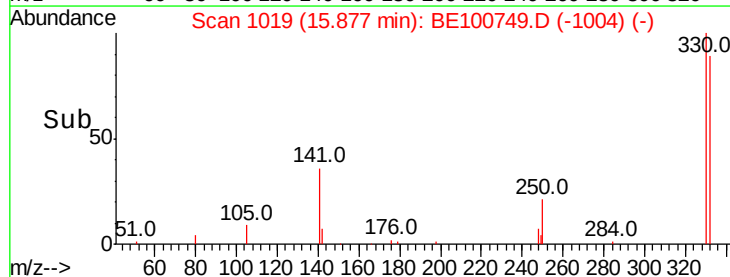
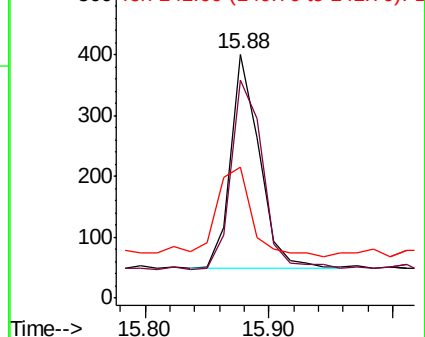
141 54.7 43.8 65.6

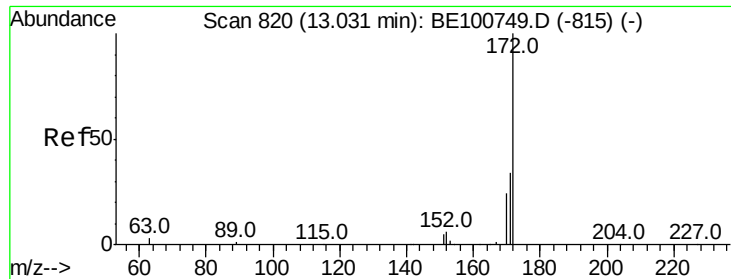


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

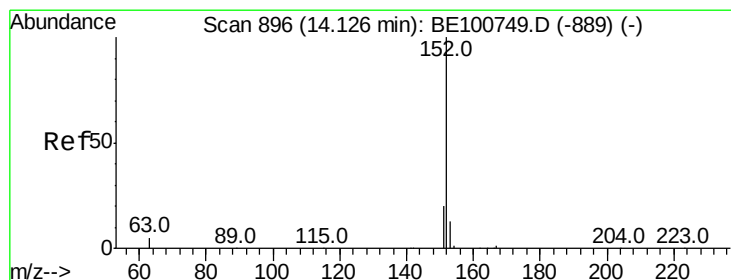
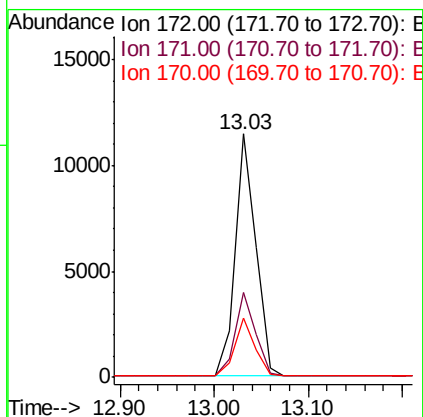
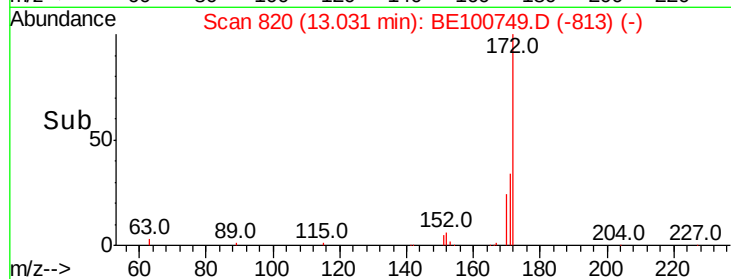
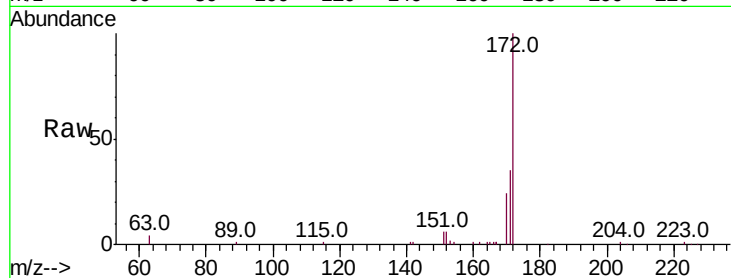




#15
2-Fluorobiphenyl
Concen: 0.425 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

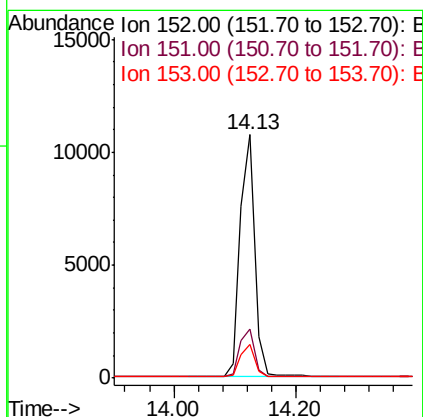
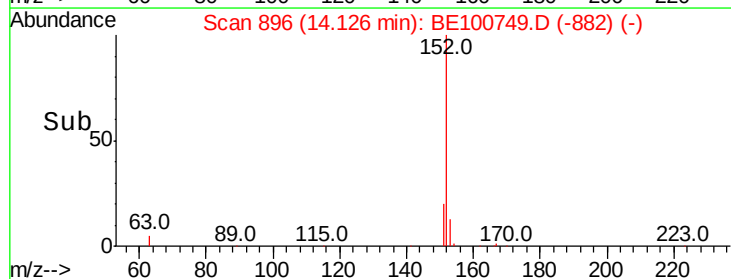
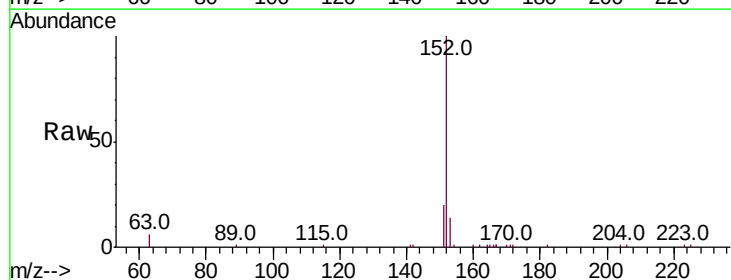
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

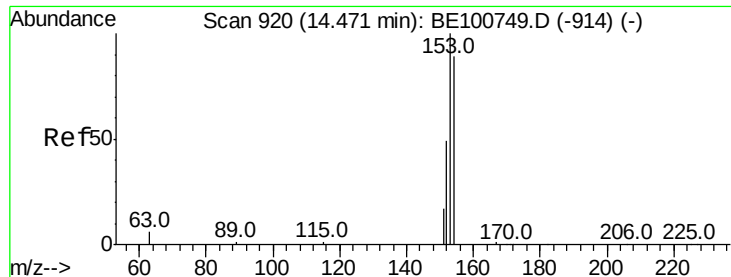
Tot Ion:172 Resp: 17432
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 24.3 19.4 29.2



#16
Acenaphthylene
Concen: 0.403 ng
RT: 14.13 min Scan# 896
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Tgt Ion:152 Resp: 18205
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.2 10.6 15.8





#17

Acenaphthene

Concen: 0.425 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE100749.D

Acq: 21 Nov 2019 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

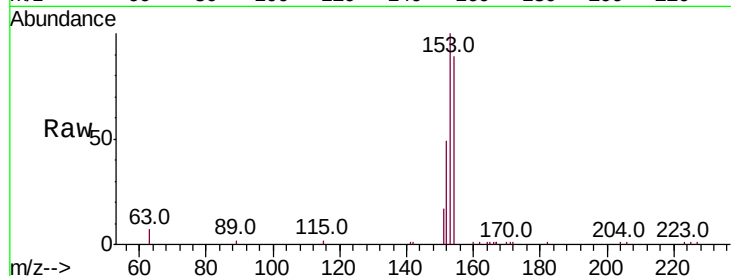
Tot Ion:154 Resp: 12612

Ion Ratio Lower Upper

154 100

153 115.6 91.6 137.4

152 59.0 47.0 70.6

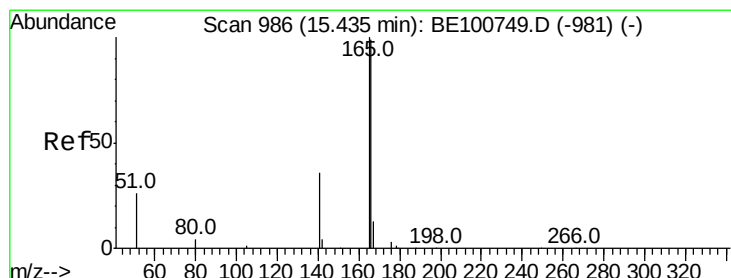
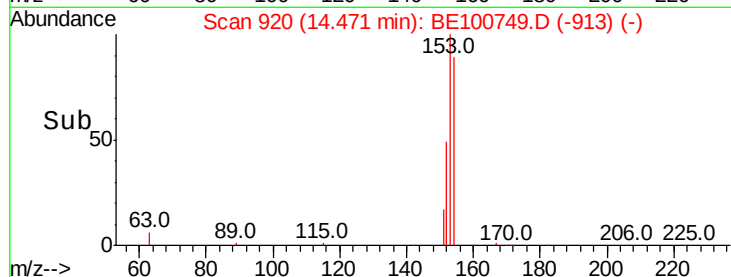
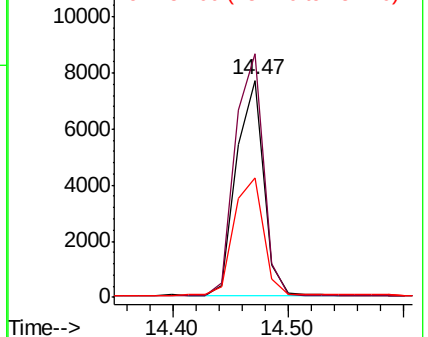


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.393 ng

RT: 15.44 min Scan# 986

Delta R.T. 0.00 min

Lab File: BE100749.D

Acq: 21 Nov 2019 17:51

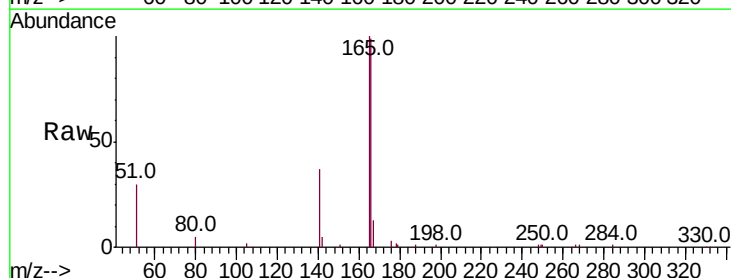
Tgt Ion:166 Resp: 15963

Ion Ratio Lower Upper

166 100

165 100.3 80.2 120.4

167 13.7 11.0 16.4

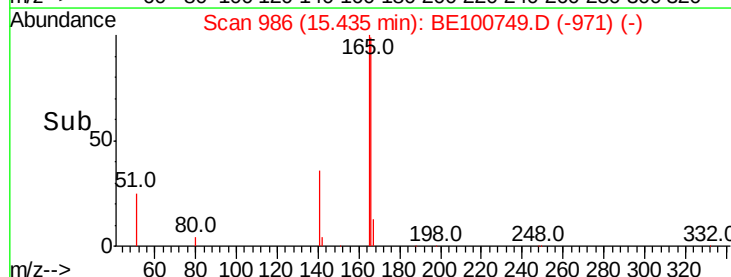
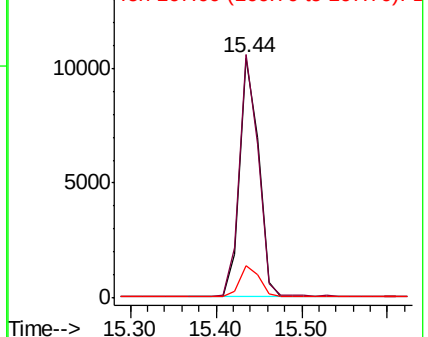


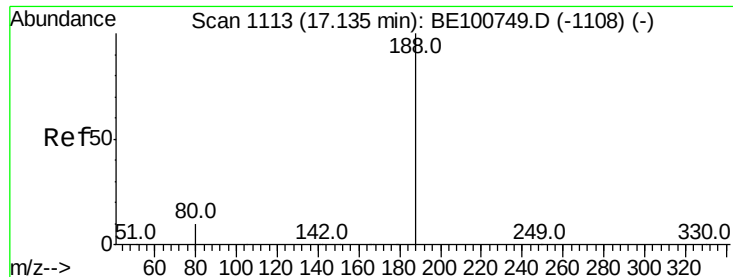
Abundance

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: 17.14 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BE100749.D

Acq: 21 Nov 2019 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

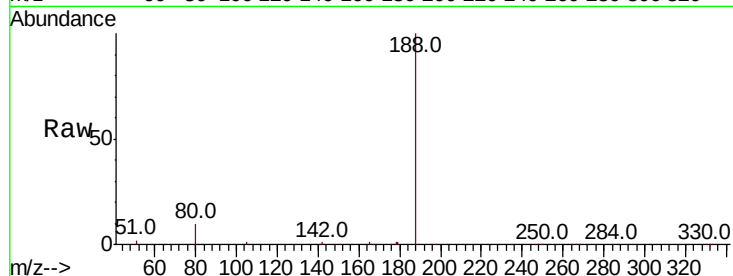
Tot Ion:188 Resp: 24693

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

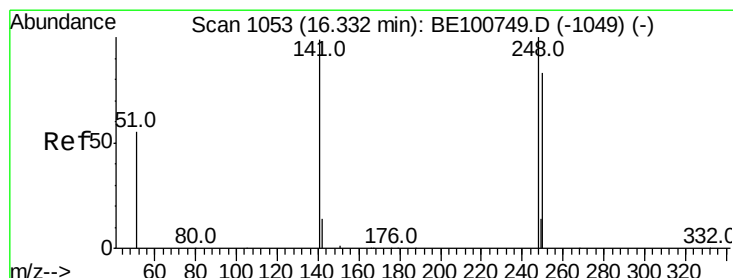
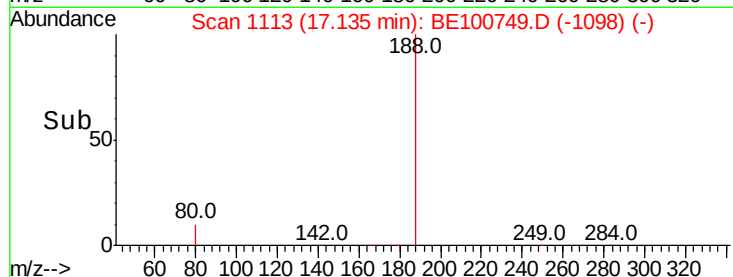
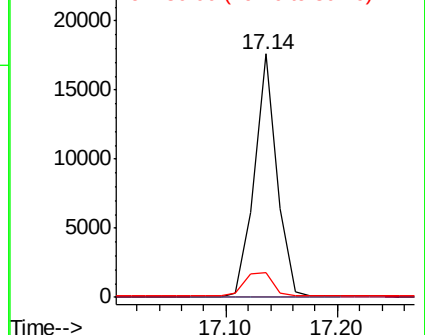
80 10.2 8.2 12.2



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: 0.371 ng

RT: 16.33 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BE100749.D

Acq: 21 Nov 2019 17:51

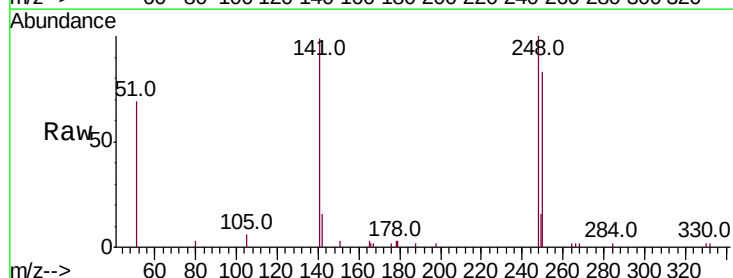
Tgt Ion:248 Resp: 4836

Ion Ratio Lower Upper

248 100

250 82.9 66.3 99.5

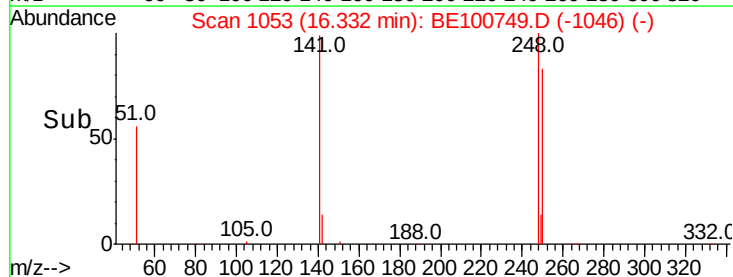
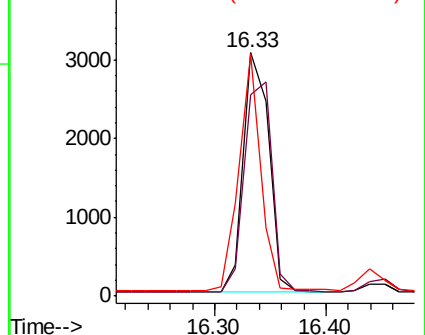
141 99.5 79.6 119.4

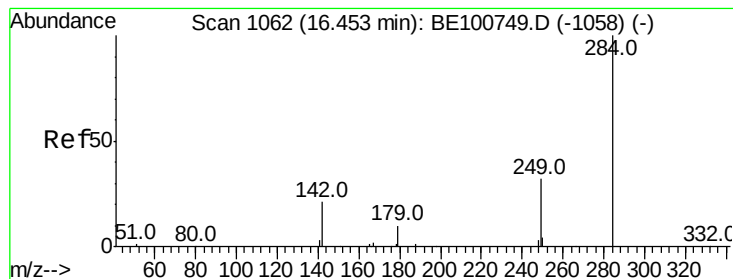


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.403 ng

RT: 16.45 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BE100749.D

Acq: 21 Nov 2019 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

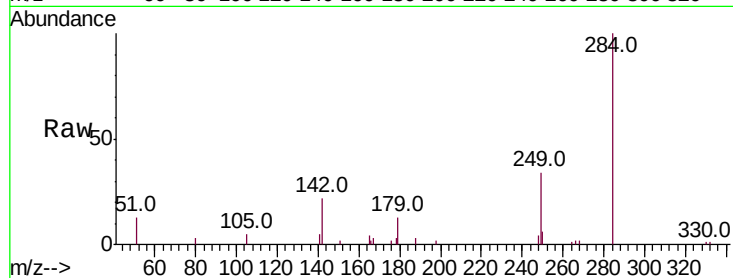
Tot Ion:284 Resp: 5106

Ion Ratio Lower Upper

284 100

142 43.6 34.9 52.3

249 35.9 28.7 43.1

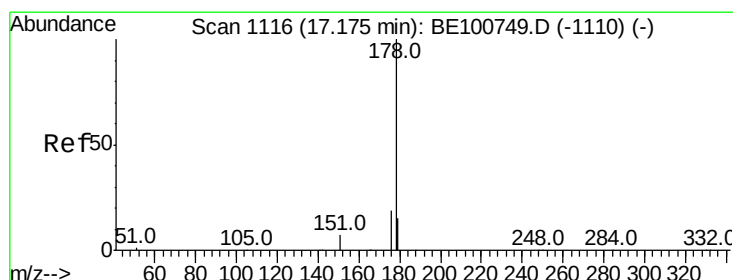
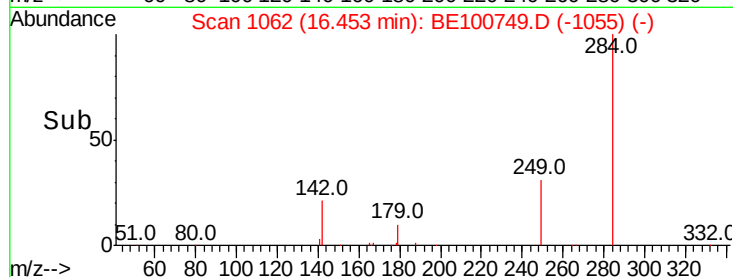
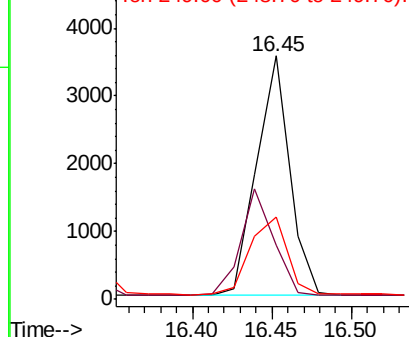


Abundance

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



#23

Phenanthrene

Concen: 0.443 ng

RT: 17.18 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BE100749.D

Acq: 21 Nov 2019 17:51

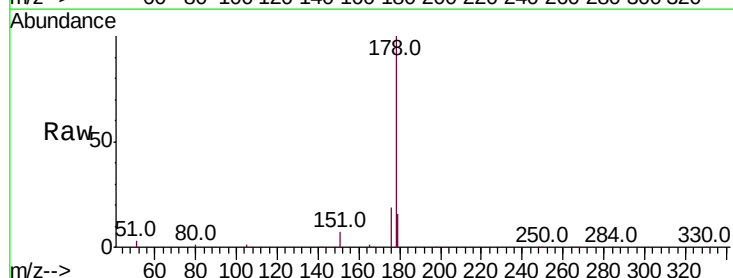
Tgt Ion:178 Resp: 29810

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.6 12.5 18.7

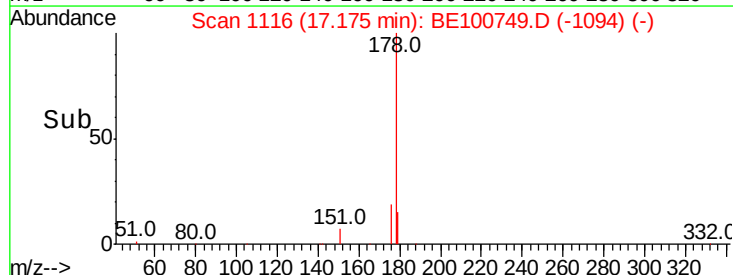
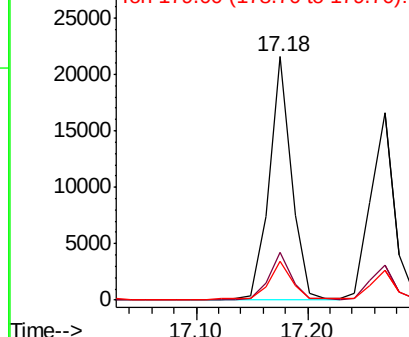


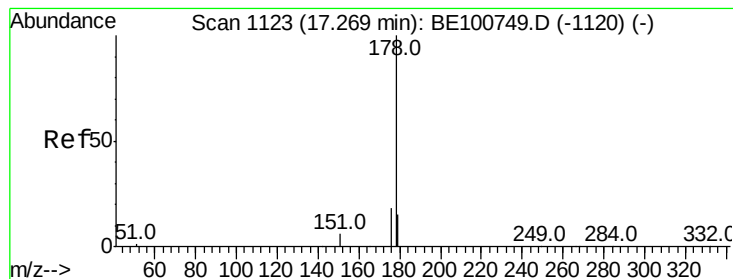
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Anthracene

Concen: 0.402 ng

RT: 17.27 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BE100749.D

Acq: 21 Nov 2019 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

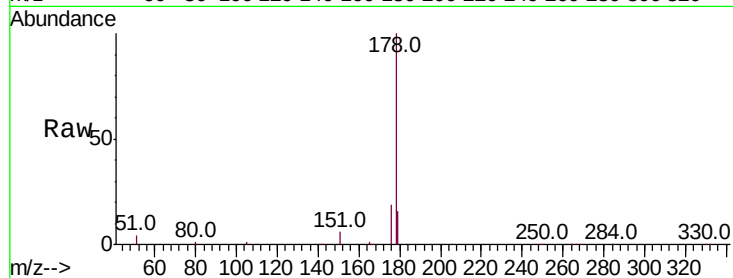
Tot Ion:178 Resp: 24142

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

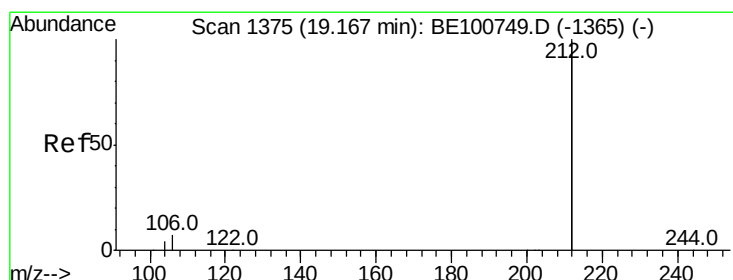
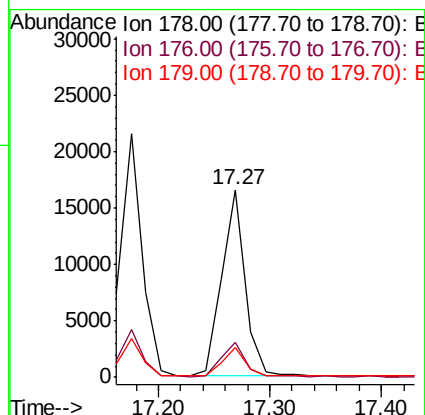
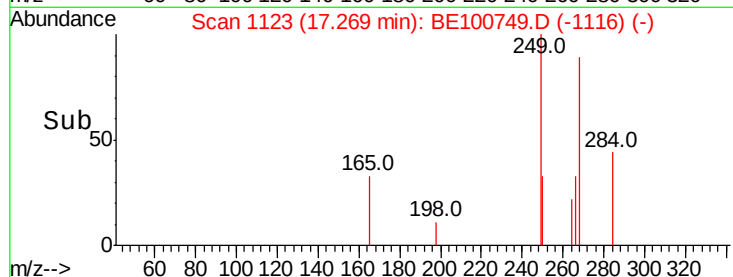
179 15.3 12.2 18.4



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: 0.360 ng

RT: 19.17 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE100749.D

Acq: 21 Nov 2019 17:51

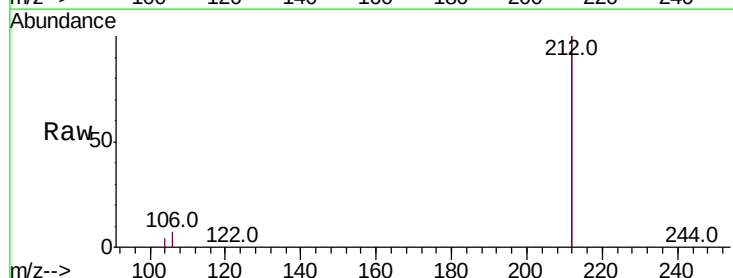
Tgt Ion:212 Resp: 117495

Ion Ratio Lower Upper

212 100

106 3.3 2.6 4.0

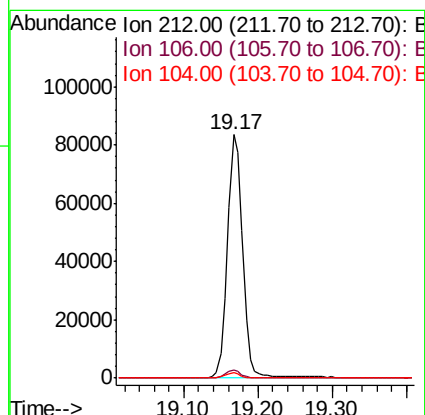
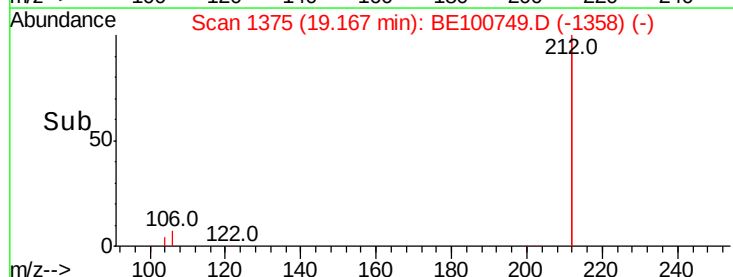
104 1.9 1.5 2.3

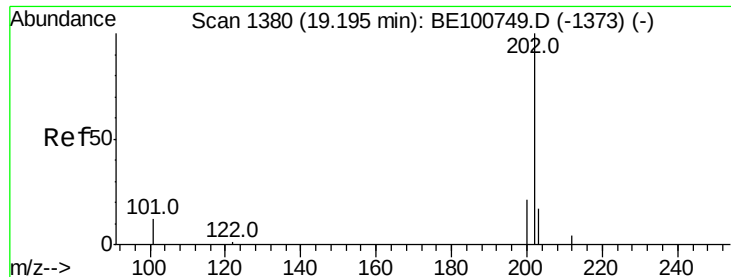


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

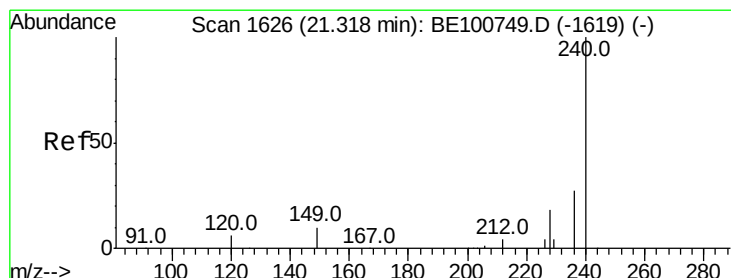
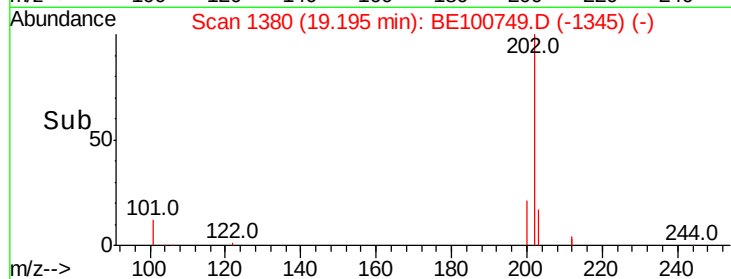
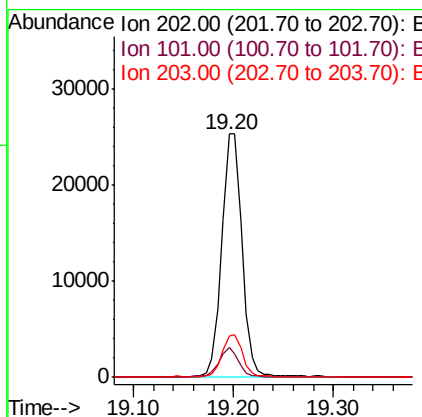
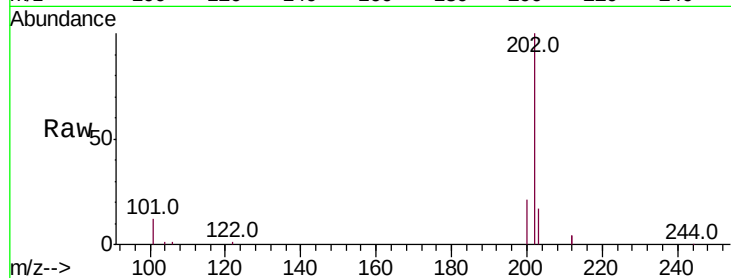




#26
 Fluoranthene
 Concen: 0.391 ng
 RT: 19.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BE100749.D
 Acq: 21 Nov 2019 17:51

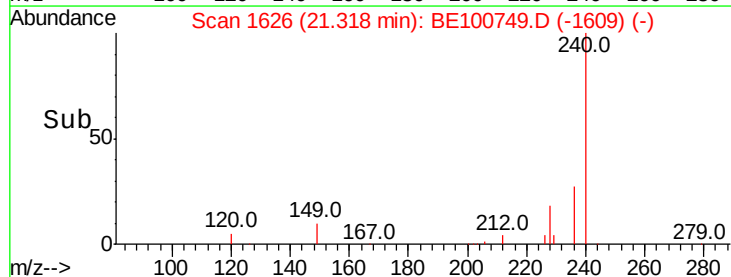
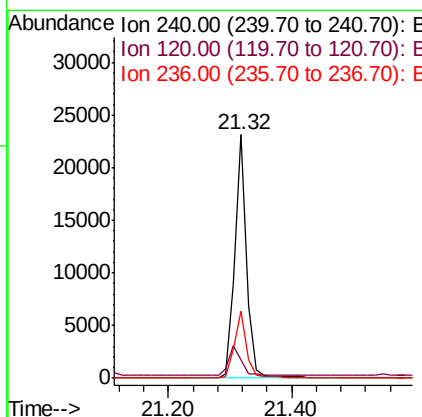
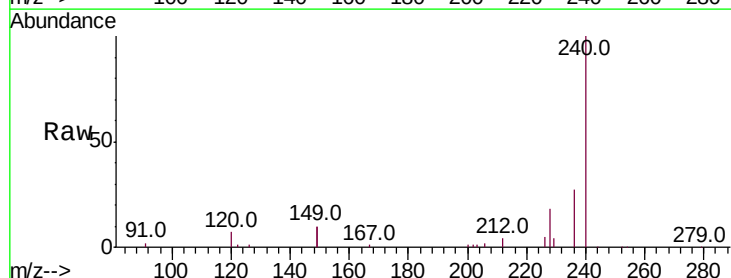
Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

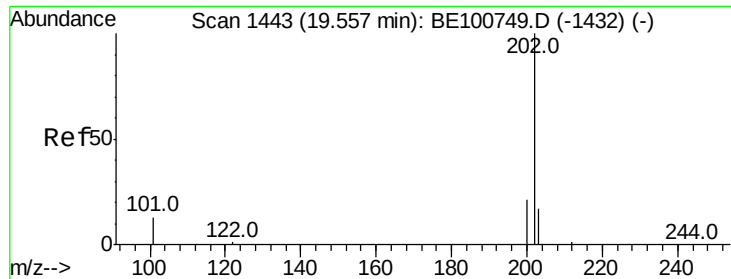
Tot Ion:202 Resp: 35182
 Ion Ratio Lower Upper
 202 100
 101 11.5 9.2 13.8
 203 17.3 13.8 20.8



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.32 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BE100749.D
 Acq: 21 Nov 2019 17:51

Tgt Ion:240 Resp: 29499
 Ion Ratio Lower Upper
 240 100
 120 7.3 5.8 8.8
 236 27.4 21.9 32.9

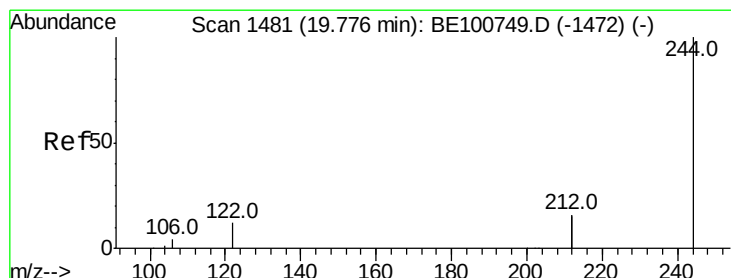
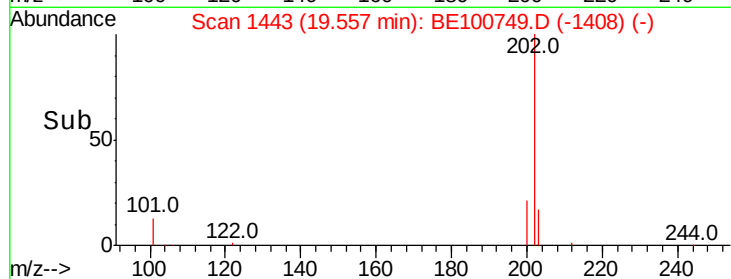
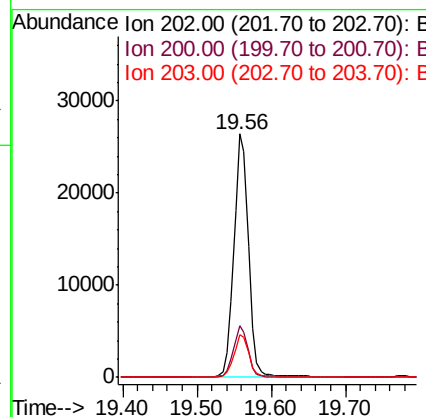
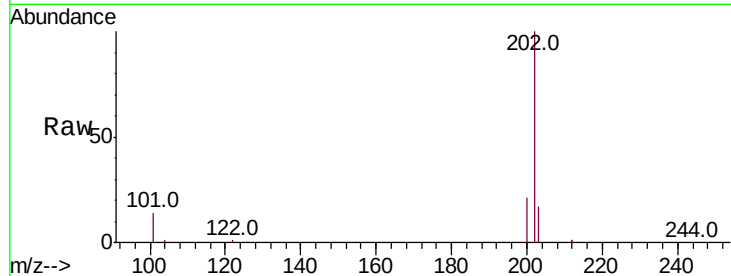




#28
Pvrene
Concen: 0.433 ng
RT: 19.56 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

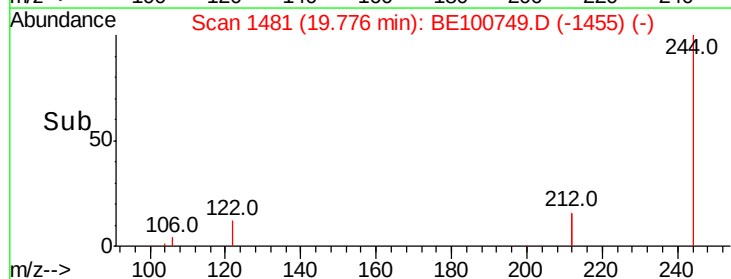
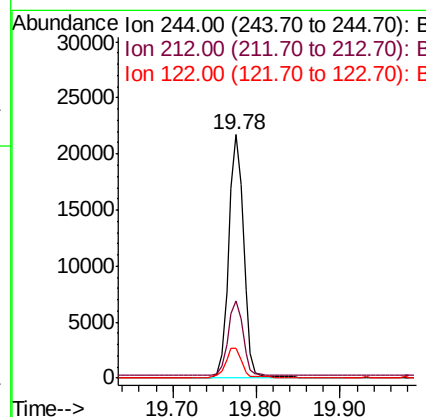
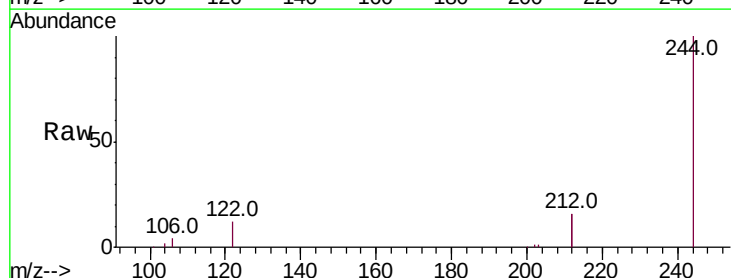
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

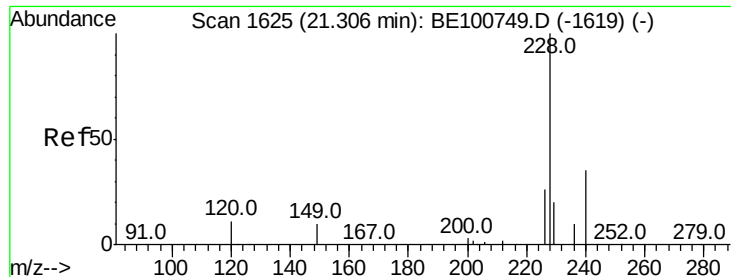
Tot Ion:202 Resp: 35517
Ion Ratio Lower Upper
202 100
200 20.7 16.6 24.8
203 17.5 14.0 21.0



#29
Terphenyl-d14
Concen: 0.379 ng
RT: 19.78 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Tgt Ion:244 Resp: 26638
Ion Ratio Lower Upper
244 100
212 31.5 25.2 37.8
122 12.2 9.8 14.6





#30

Benzo(a)anthracene

Concen: 0.414 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE100749.D

Acq: 21 Nov 2019 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

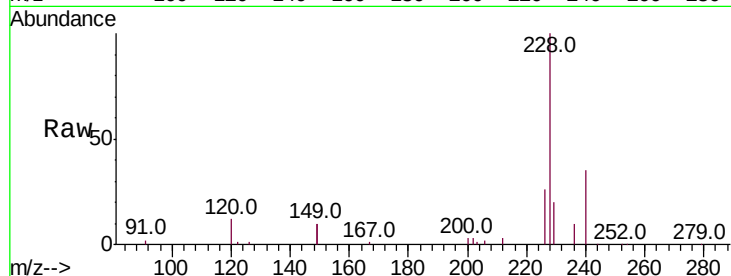
Tot Ion:228 Resp: 39144

Ion	Ratio	Lower	Upper
228	100		
226	25.9	20.7	31.1
229	20.2	16.2	24.2

228 100

226 25.9 20.7 31.1

229 20.2 16.2 24.2

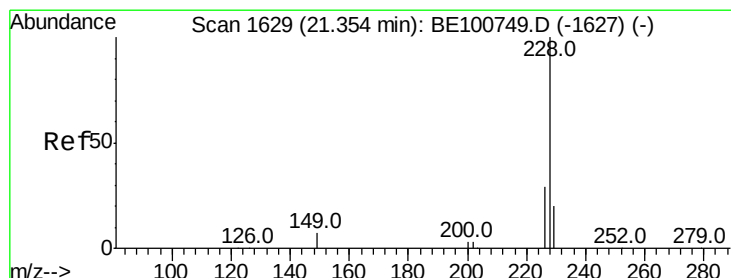
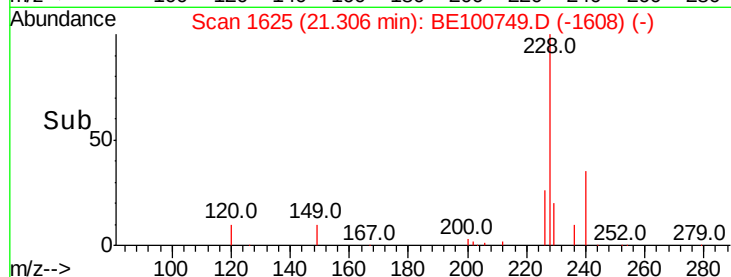
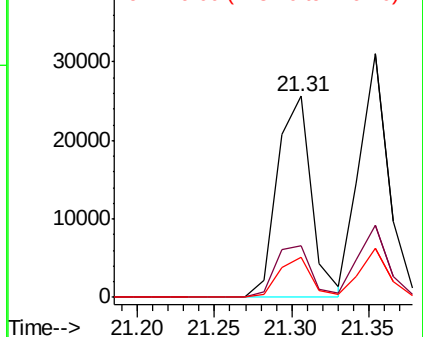


Abundance

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: 0.423 ng

RT: 21.35 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BE100749.D

Acq: 21 Nov 2019 17:51

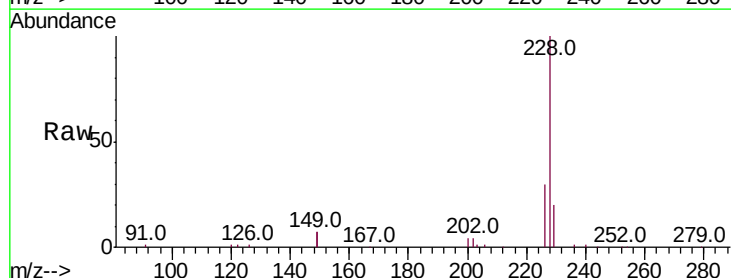
Tgt Ion:228 Resp: 40648

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	19.9	15.9	23.9

228 100

226 29.7 23.8 35.6

229 19.9 15.9 23.9

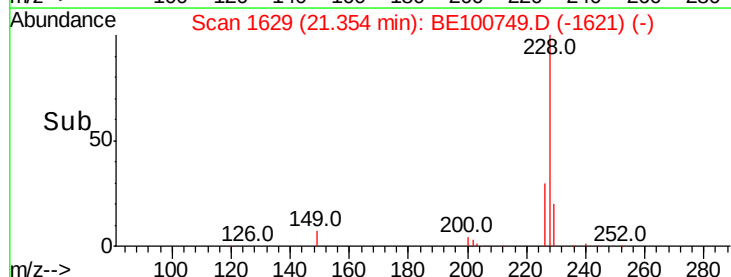
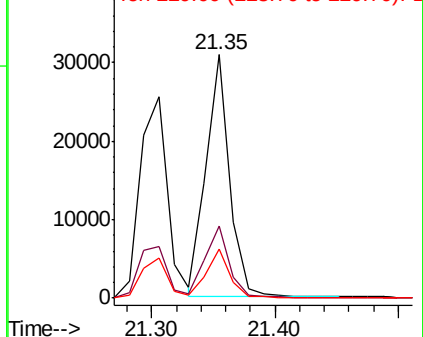


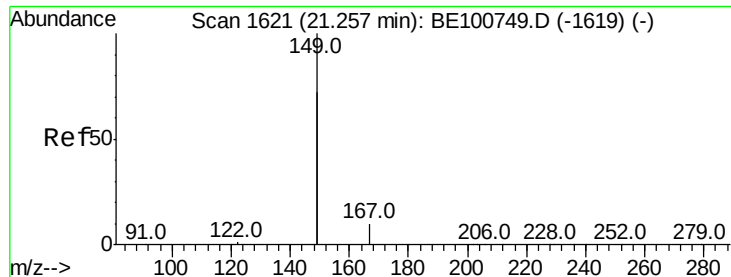
Abundance

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





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.298 ng

RT: 21.26 min Scan# 1621

Delta R.T. 0.00 min

Lab File: BE100749.D

Acq: 21 Nov 2019 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

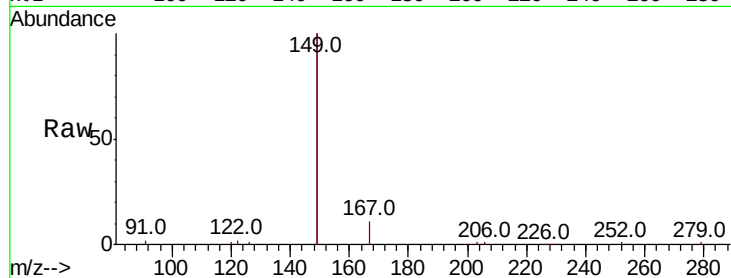
Tot Ion:149 Resp: 50026

Ion Ratio Lower Upper

149 100

167 6.4 5.5 8.3

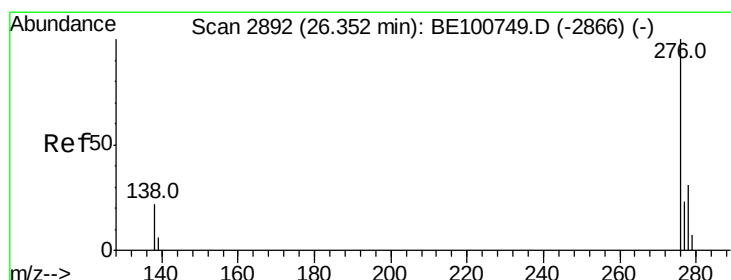
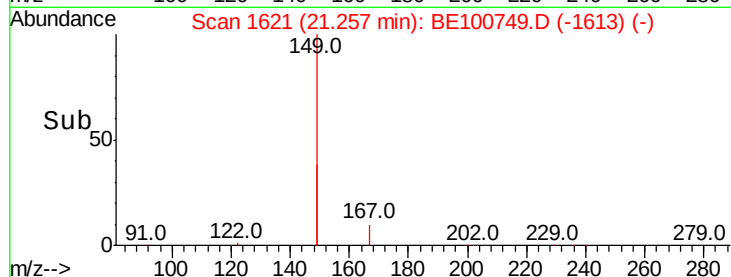
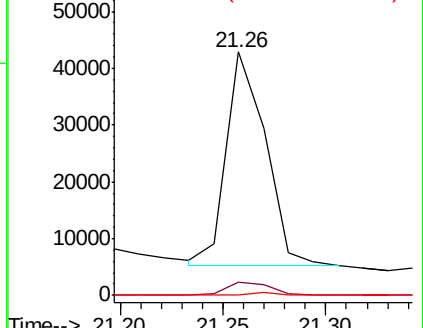
279 0.8 0.7 1.1



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: 0.323 ng

RT: 26.35 min Scan# 2892

Delta R.T. 0.00 min

Lab File: BE100749.D

Acq: 21 Nov 2019 17:51

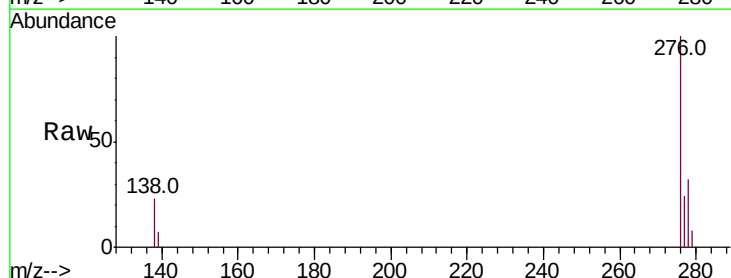
Tgt Ion:276 Resp: 36368

Ion Ratio Lower Upper

276 100

138 24.7 19.8 29.6

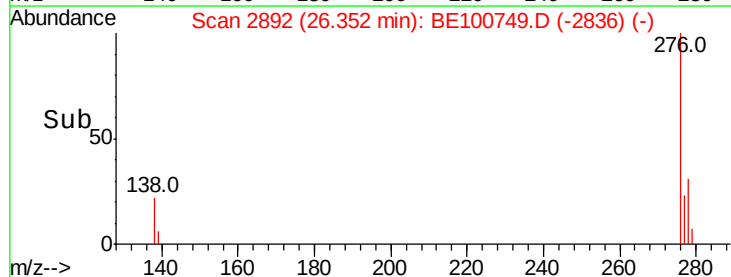
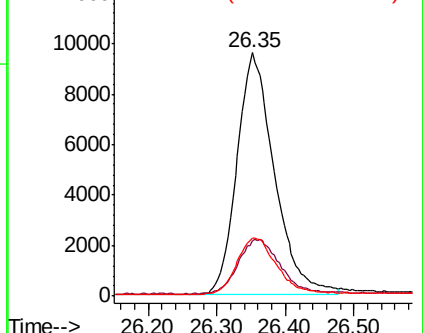
277 24.6 19.7 29.5

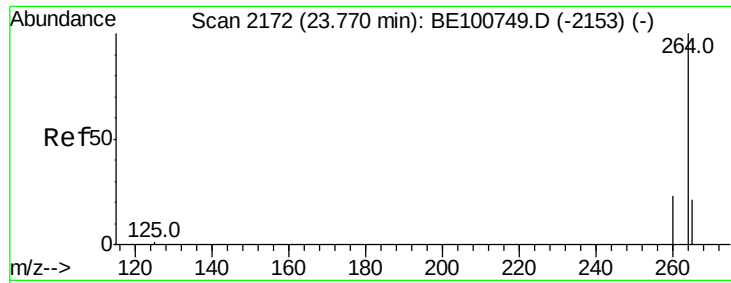


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



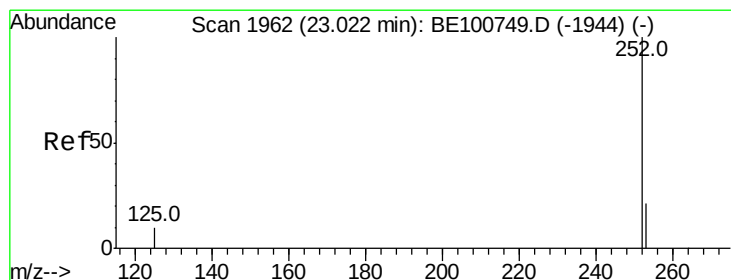
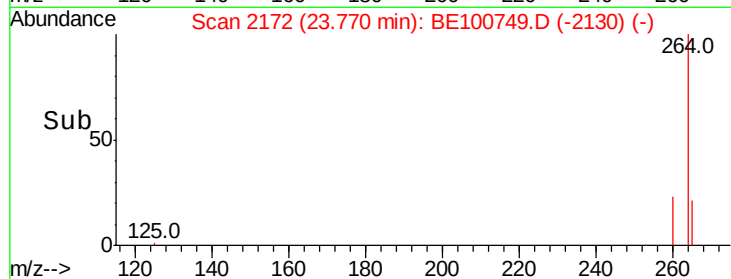
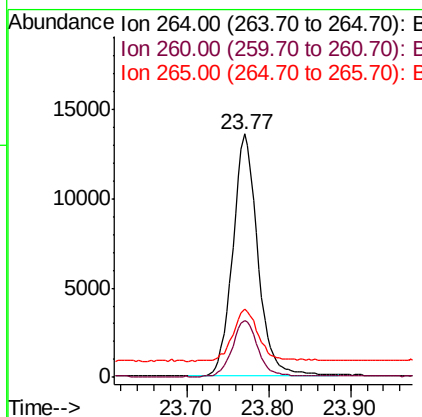
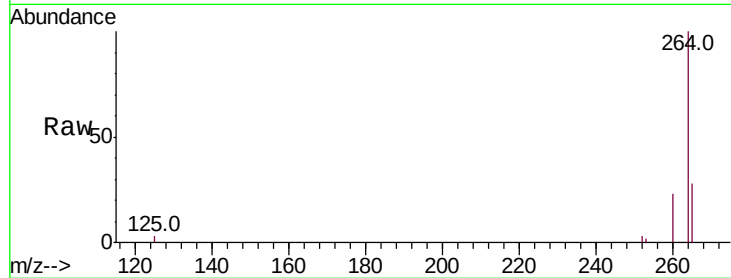


#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.77 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:264 Resp: 28897

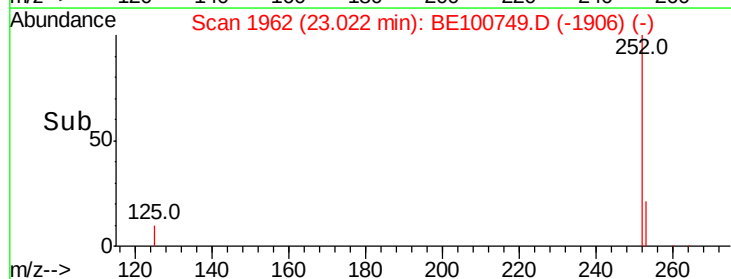
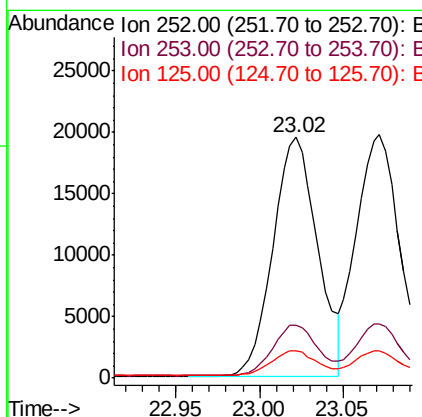
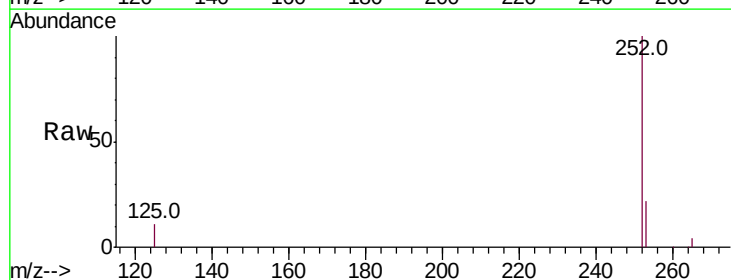
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	28.0	22.4	33.6

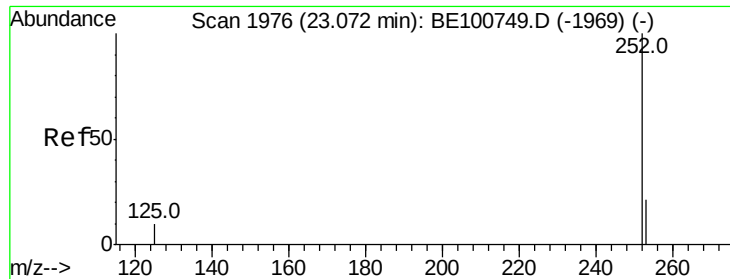


#35
Benzo(b)fluoranthene
Concen: 0.428 ng
RT: 23.02 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Tgt Ion:252 Resp: 36126

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	11.4	9.1	13.7

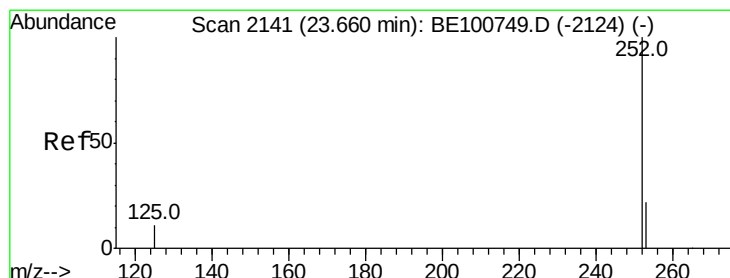
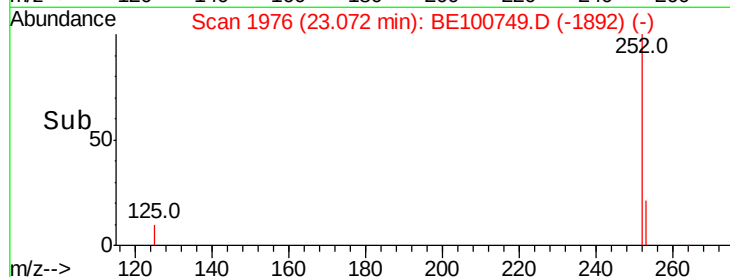
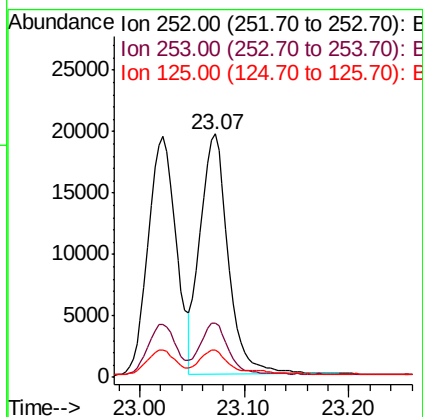
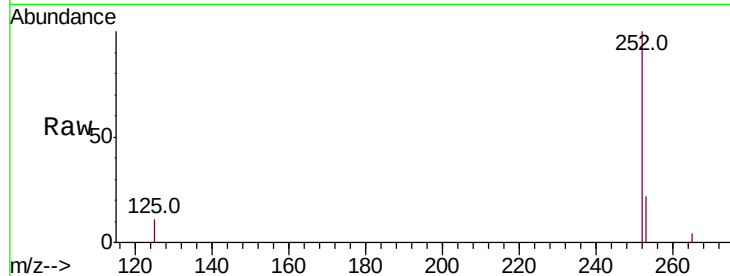




#36
Benzo(k)fluoranthene
Concen: 0.417 ng
RT: 23.07 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

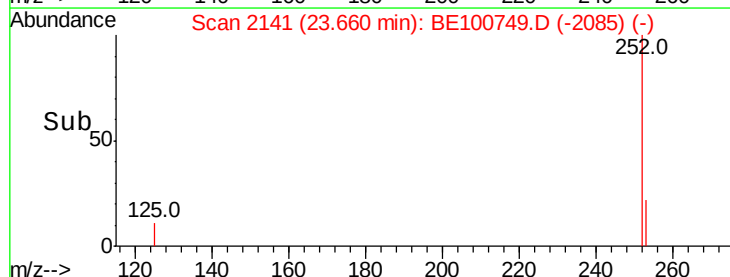
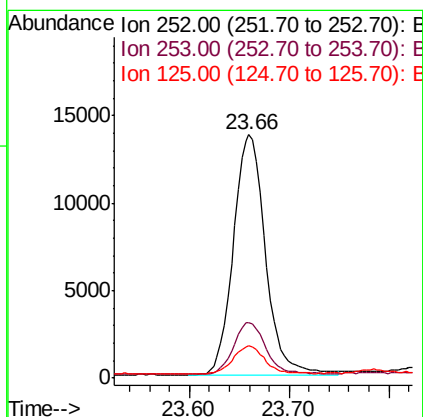
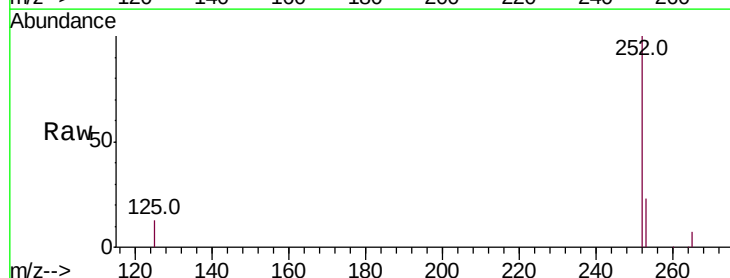
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

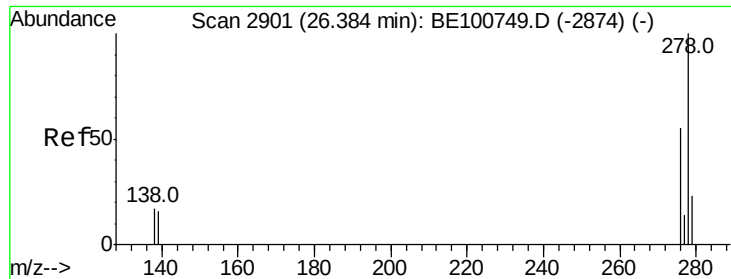
Tot Ion:252 Resp: 36854
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.2 9.0 13.4



#37
Benzo(a)pyrene
Concen: 0.392 ng
RT: 23.66 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BE100749.D
Acq: 21 Nov 2019 17:51

Tgt Ion:252 Resp: 30795
Ion Ratio Lower Upper
252 100
253 22.9 18.3 27.5
125 13.1 10.5 15.7





#38

Dibenzo(a,h)anthracene

Concen: 0.370 ng

RT: 26.38 min Scan# 2901

Delta R.T. 0.00 min

Lab File: BE100749.D

Acq: 21 Nov 2019 17:51

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

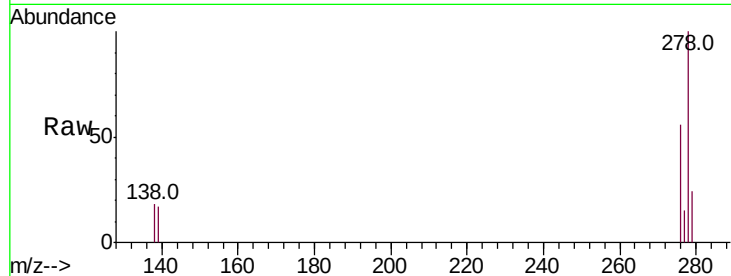
Tot Ion:278 Resp: 30352

Ion Ratio Lower Upper

278 100

139 16.5 13.2 19.8

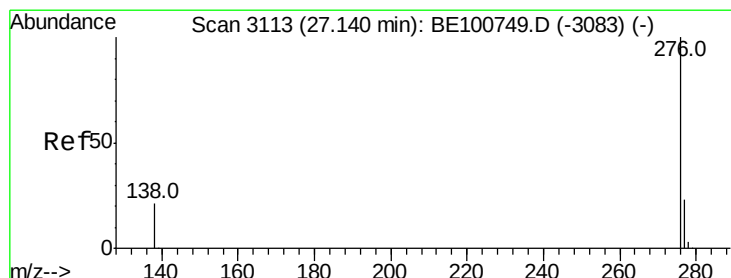
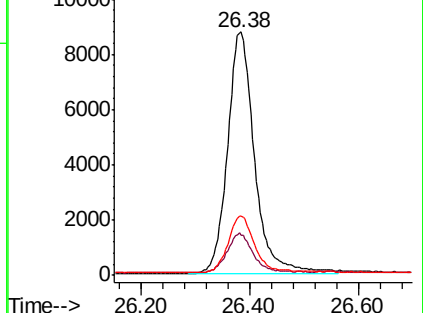
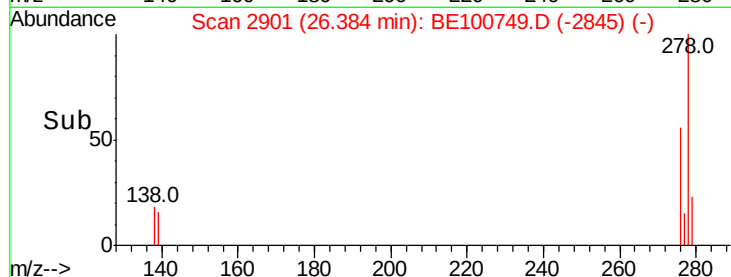
279 24.3 19.4 29.2



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: 0.397 ng

RT: 27.14 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BE100749.D

Acq: 21 Nov 2019 17:51

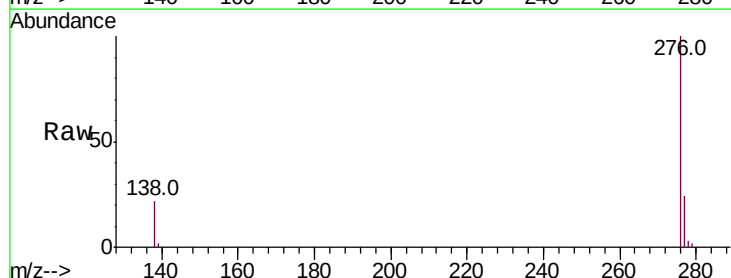
Tgt Ion:276 Resp: 31934

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 22.3 17.8 26.8



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

