

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112219\
 Data File : BE100762.D
 Acq On : 22 Nov 2019 17:33
 Operator : JU
 Sample : PB125011BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 23 04:24:42 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 06:40:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	5449	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	22704	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	11080	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	23527	0.40	ng	0.00
27) Chrysene-d12	21.32	240	29384	0.40	ng	0.00
34) Perylene-d12	23.77	264	33614	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	4366	0.30	ng	0.00
5) Phenol-d6	6.93	99	4541	0.21	ng	0.00
8) Nitrobenzene-d5	8.90	82	5173	0.71	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	15420	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	917	0.59	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	18768	0.44	ng	0.00
25) Fluoranthene-d10	19.17	212	116159	0.40	ng	0.00
29) Terphenyl-d14	19.77	244	29525	0.44	ng	0.00

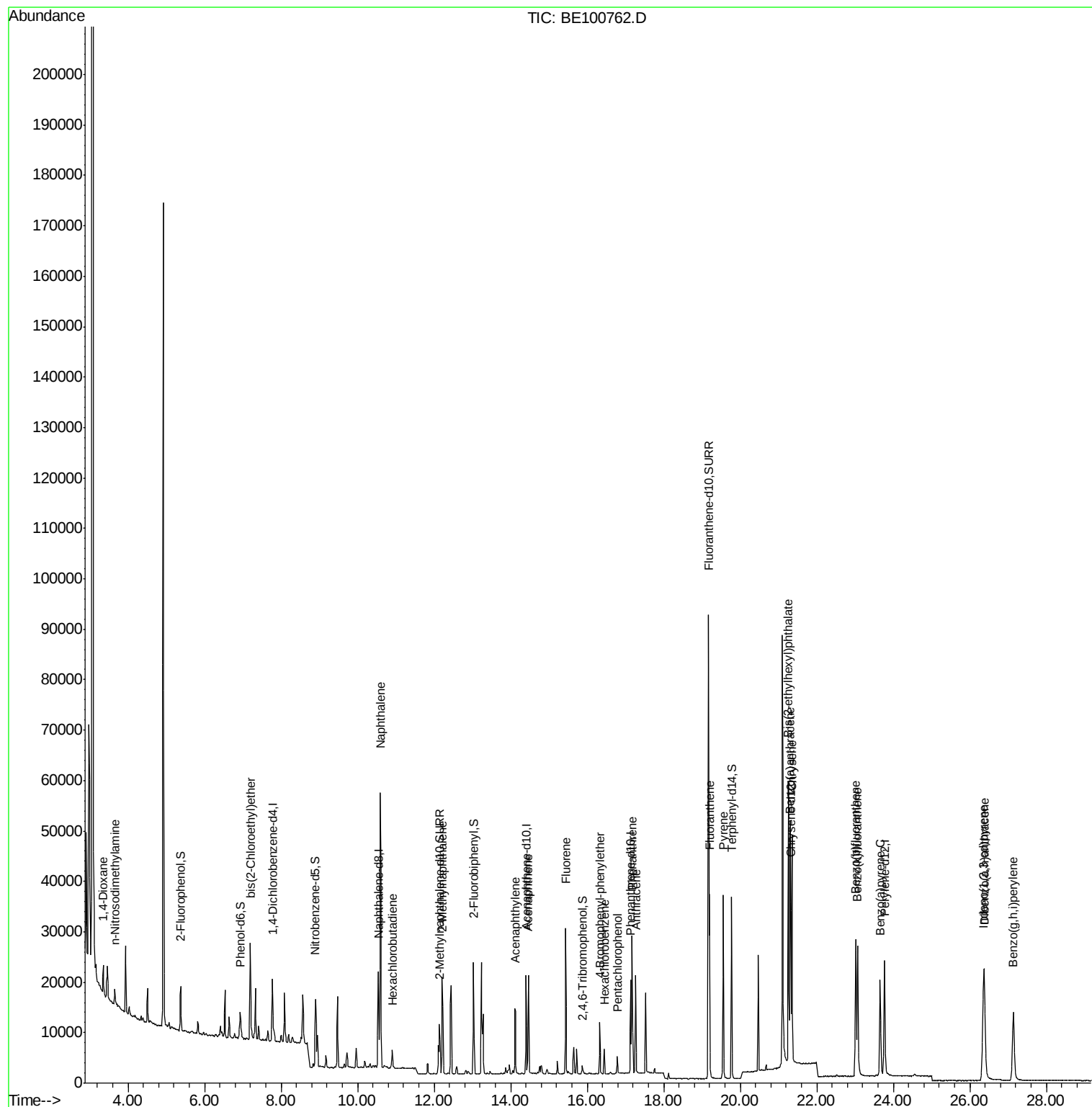
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	3387	0.331	ng	# 53
3) n-Nitrosodimethylamine	3.65	42	1979	0.380	ng	# 58
6) bis(2-Chloroethyl)ether	7.19	93	7201	0.403	ng	97
9) Naphthalene	10.59	128	88414	0.367	ng	100
10) Hexachlorobutadiene	10.90	225	2570	0.278	ng	96
12) 2-Methylnaphthalene	12.21	142	13572	0.356	ng	97
16) Acenaphthylene	14.11	152	17932	0.376	ng	99
17) Acenaphthene	14.46	154	11353	0.355	ng	100
18) Fluorene	15.43	166	14629	0.358	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	4124	0.356	ng	89
21) Hexachlorobenzene	16.45	284	4100	0.339	ng	98
22) Pentachlorophenol	16.79	266	1681	0.896	ng	98
23) Phenanthrene	17.17	178	26981	0.381	ng	99
24) Anthracene	17.27	178	21777	0.357	ng	99
26) Fluoranthene	19.20	202	32522	0.375	ng	100
28) Pyrene	19.56	202	33170	0.365	ng	99
30) Benzo(a)anthracene	21.29	228	36865	0.372	ng	96
31) Chrysene	21.35	228	38651	0.384	ng	100
32) Bis(2-ethylhexyl)phthalate	21.26	149	58288	0.429	ng	99
33) Indeno(1,2,3-cd)pyrene	26.36	276	38262	0.409	ng	100
35) Benzo(b)fluoranthene	23.02	252	37754	0.358	ng	99
36) Benzo(k)fluoranthene	23.07	252	38687	0.352	ng	99
37) Benzo(a)pyrene	23.66	252	32164	0.346	ng	99
38) Dibenzo(a,h)anthracene	26.38	278	31928	0.326	ng	99
39) Benzo(g,h,i)perylene	27.14	276	34575	0.373	ng	98

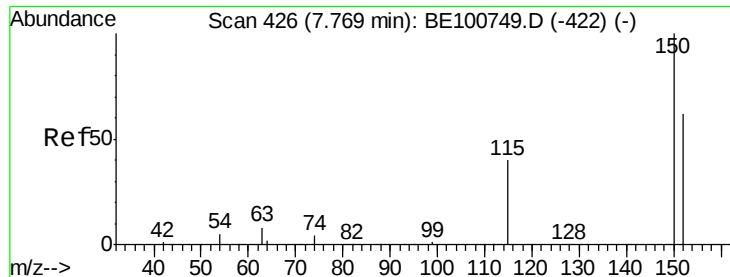
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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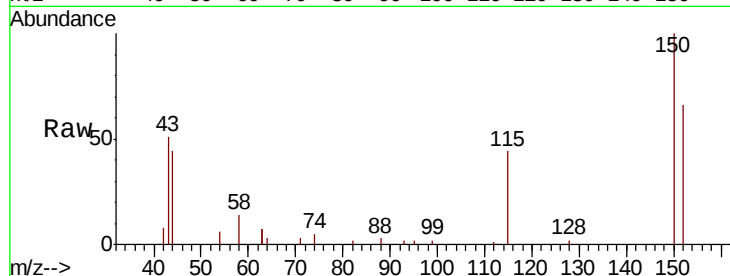


#1

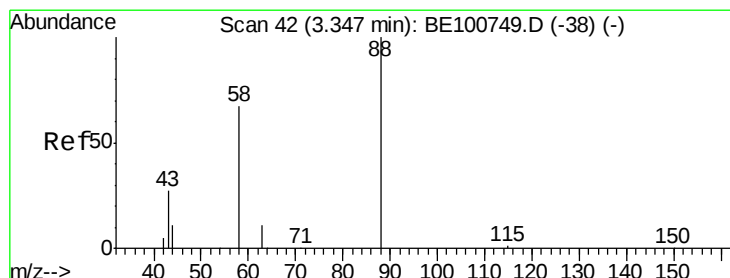
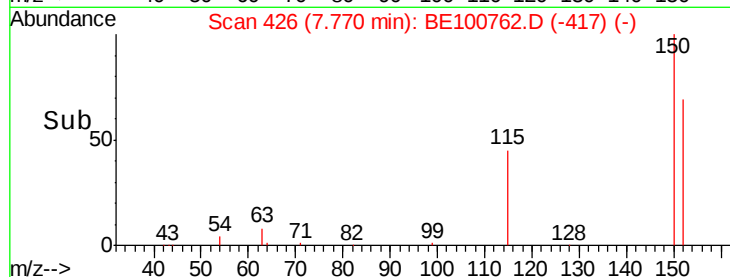
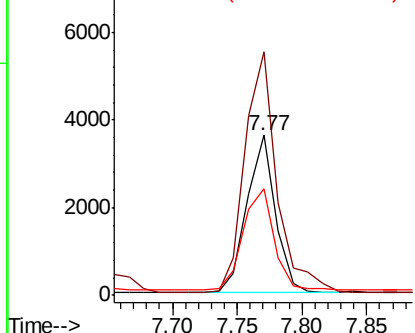
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.77 min Scan# 426
Delta R.T. 0.00 min
Lab File: BE100762.D
Acq: 22 Nov 2019 17:33

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 5449
Ion Ratio Lower Upper
152 100
150 152.3 127.1 190.7
115 66.8 53.0 79.4



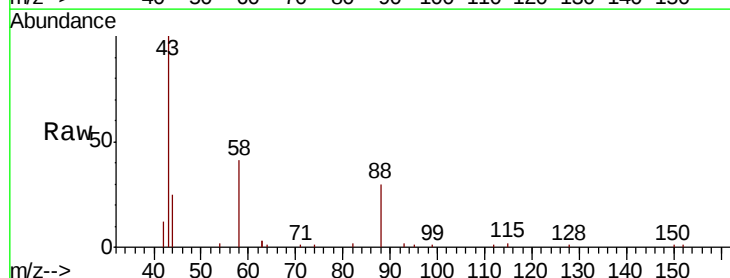
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



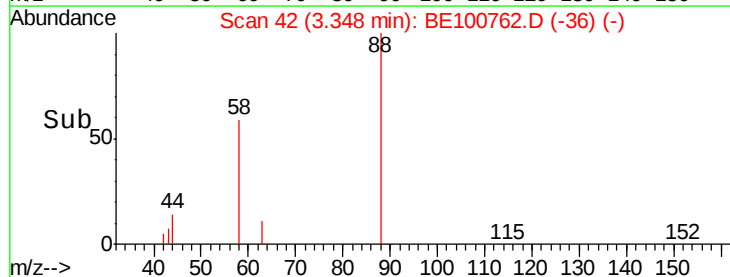
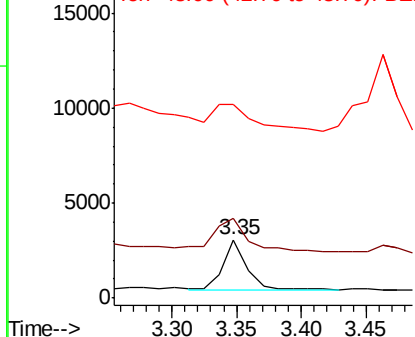
#2

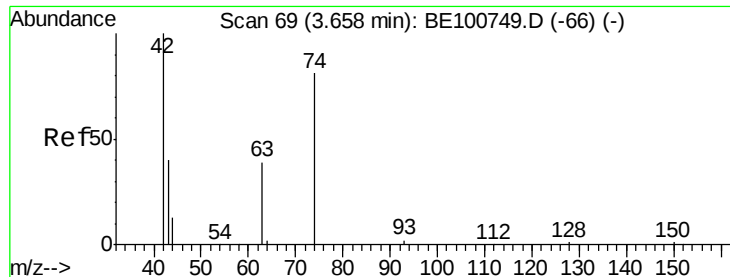
1,4-Dioxane
Concen: 0.331 ng
RT: 3.35 min Scan# 42
Delta R.T. 0.00 min
Lab File: BE100762.D
Acq: 22 Nov 2019 17:33

Tgt Ion: 88 Resp: 3387
Ion Ratio Lower Upper
88 100
58 94.8 60.7 91.1#
43 93.6 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: 0.380 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE100762.D

Acq: 22 Nov 2019 17:33

Instrument :

BNA_E

ClientSampleId :

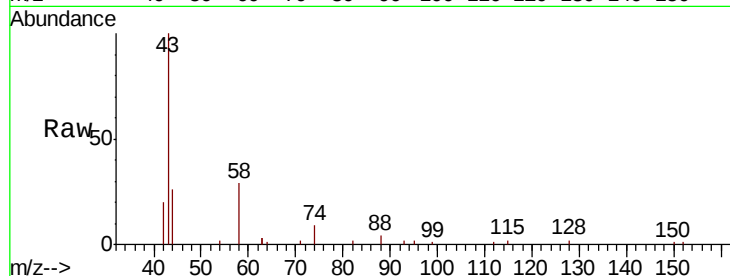
Tot Ion: 42 Resp: 1979

Ion Ratio Lower Upper

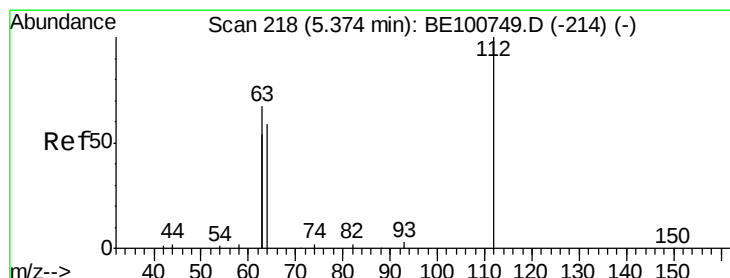
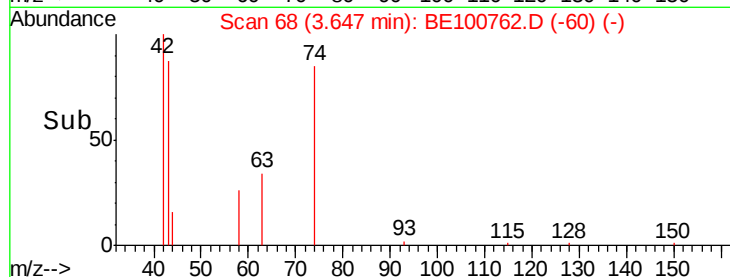
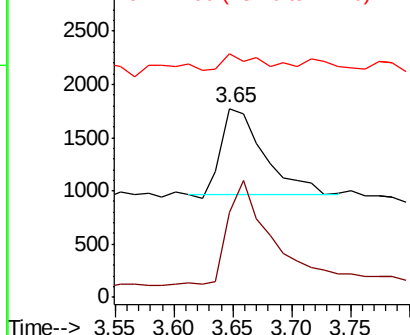
42 100

74 142.3 0.0 0.0#

44 19.3 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: 0.296 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100762.D

Acq: 22 Nov 2019 17:33

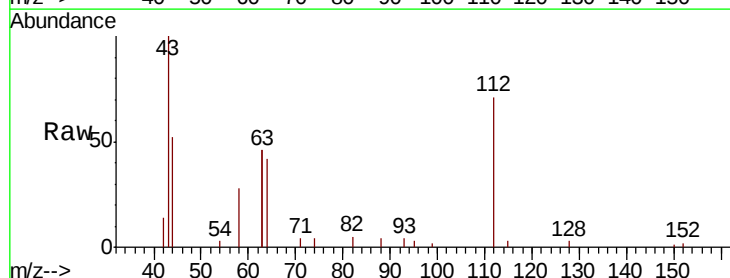
Tgt Ion: 112 Resp: 4366

Ion Ratio Lower Upper

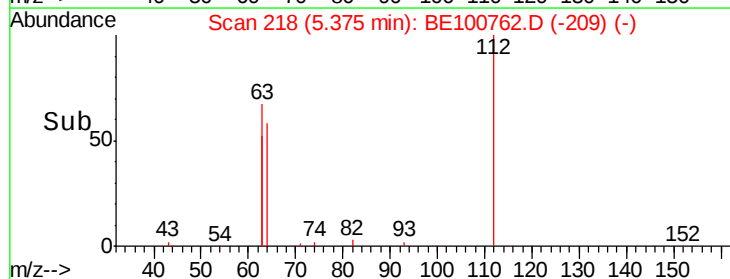
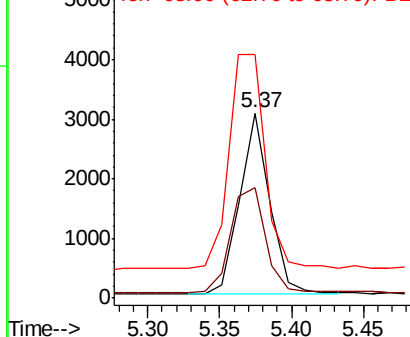
112 100

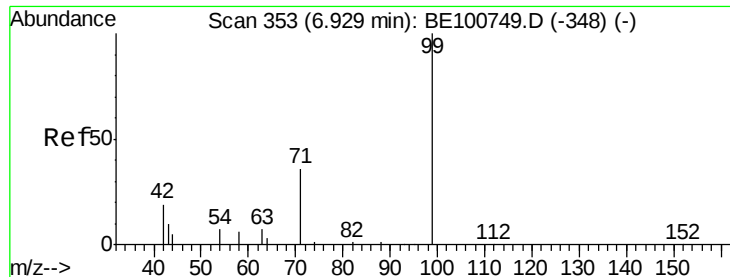
64 68.1 54.3 81.5

63 142.5 114.0 171.0



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





#5

Phenol-d6

Concen: 0.212 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100762.D

Acq: 22 Nov 2019 17:33

Instrument :

BNA_E

ClientSampleId :

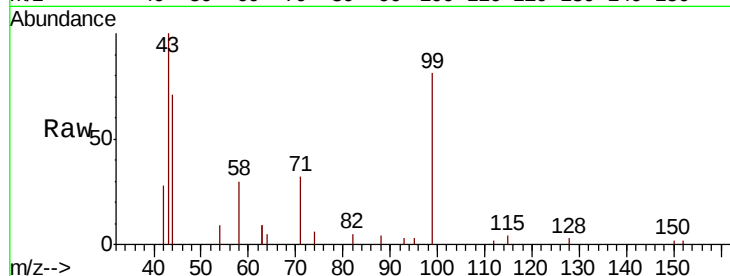
Tot Ion: 99 Resp: 4541

Ion Ratio Lower Upper

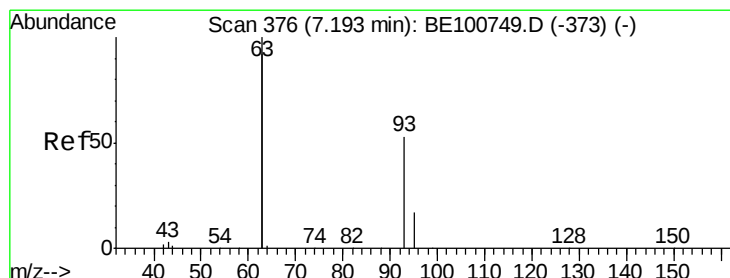
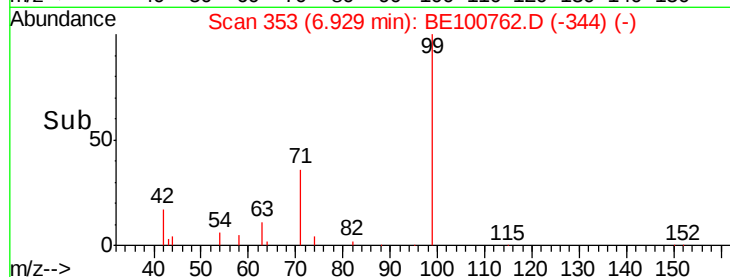
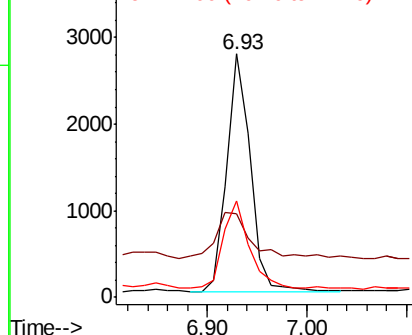
99 100

42 27.9 17.9 26.9#

71 40.9 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: 0.403 ng

RT: 7.19 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE100762.D

Acq: 22 Nov 2019 17:33

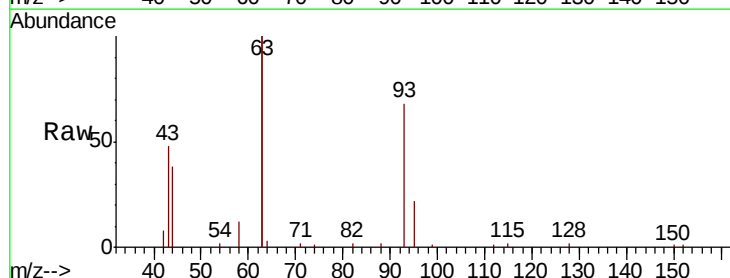
Tgt Ion: 93 Resp: 7201

Ion Ratio Lower Upper

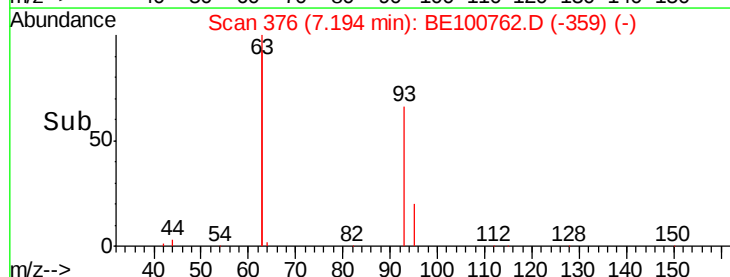
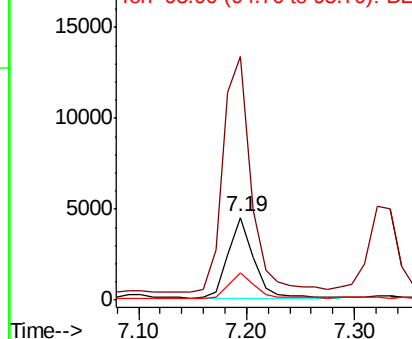
93 100

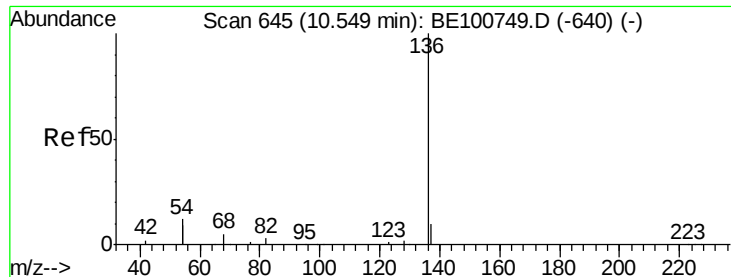
63 326.8 267.0 400.6

95 32.2 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: BE100762.D

Acq: 22 Nov 2019 17:33

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 22704

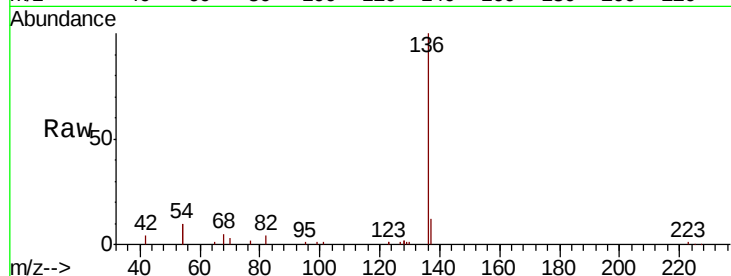
Ion Ratio Lower Upper

136 100

137 11.6 8.6 12.8

54 20.2 19.4 29.0

68 4.8 4.6 6.8

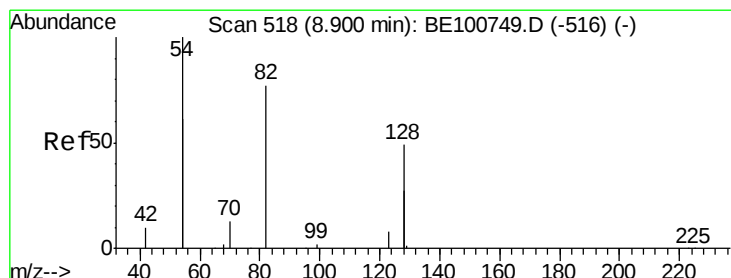
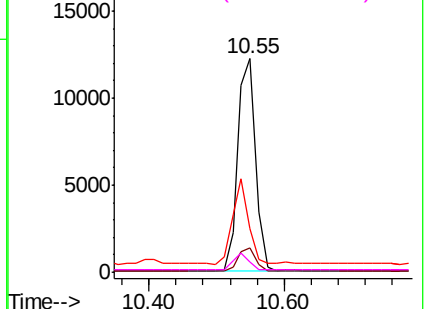
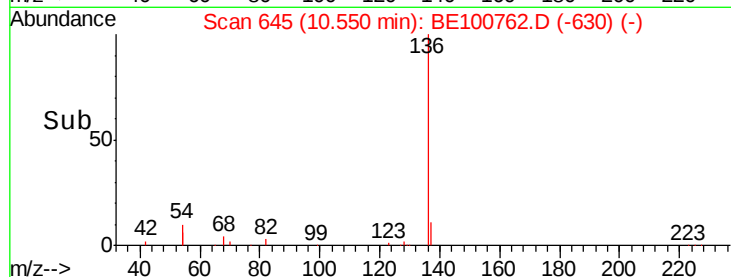


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.711 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100762.D

Acq: 22 Nov 2019 17:33

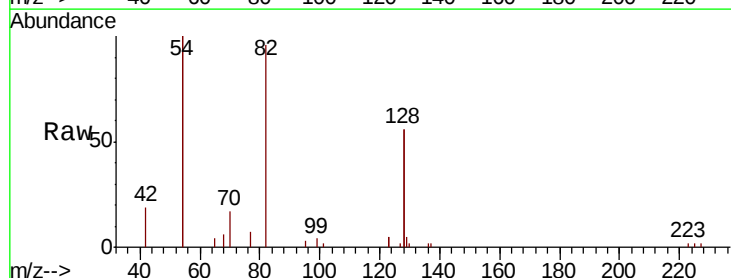
Tgt Ion: 82 Resp: 5173

Ion Ratio Lower Upper

82 100

128 116.9 90.2 135.4

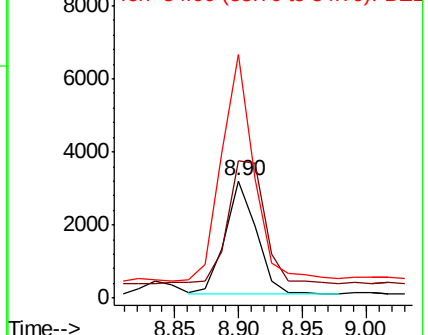
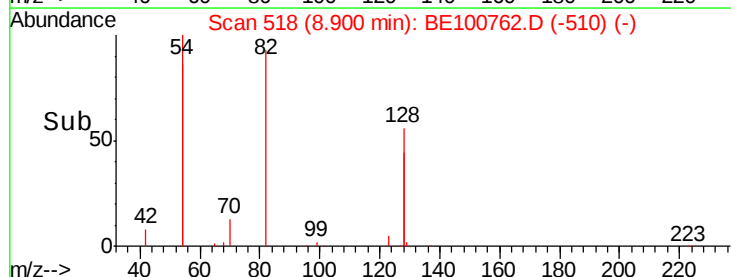
54 207.5 186.0 279.0

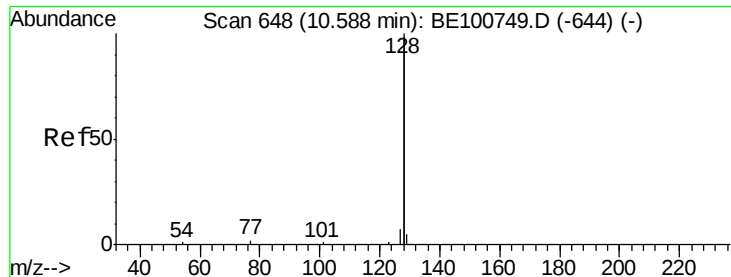


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.367 ng

RT: 10.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BE100762.D

Acq: 22 Nov 2019 17:33

Instrument :

BNA_E

ClientSampleId :

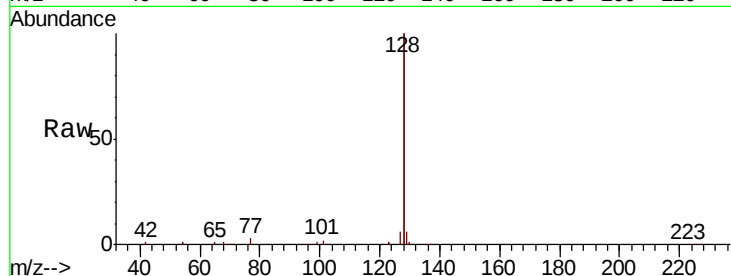
Tot Ion:128 Resp: 88414

Ion Ratio Lower Upper

128 100

129 2.9 2.3 3.5

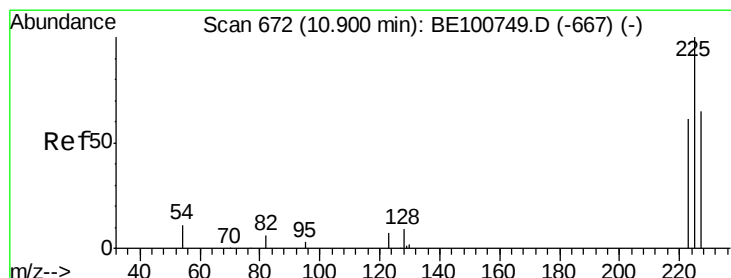
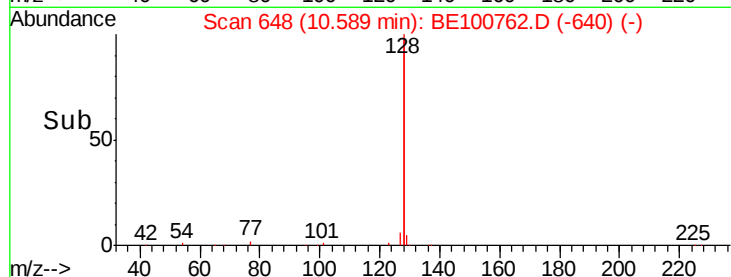
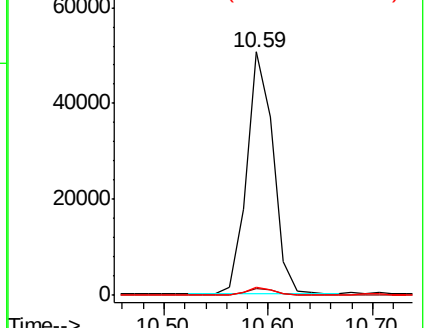
127 3.2 2.7 4.1



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: 0.278 ng

RT: 10.90 min Scan# 672

Delta R.T. 0.00 min

Lab File: BE100762.D

Acq: 22 Nov 2019 17:33

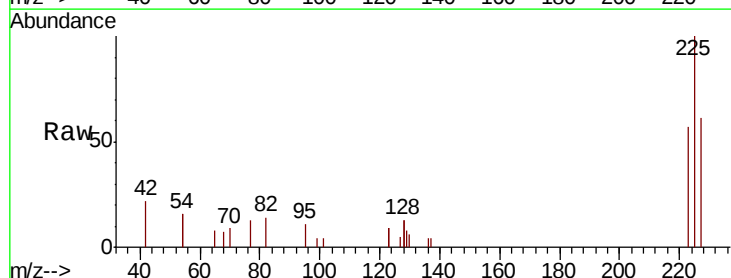
Tgt Ion:225 Resp: 2570

Ion Ratio Lower Upper

225 100

223 61.0 50.6 75.8

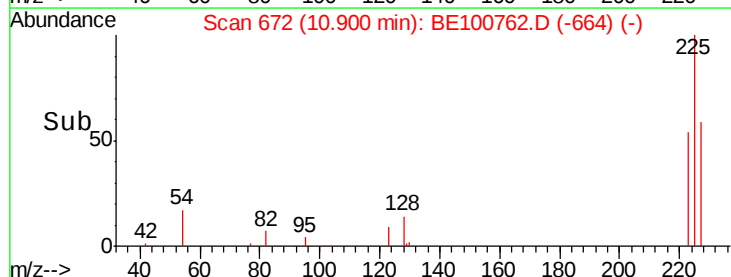
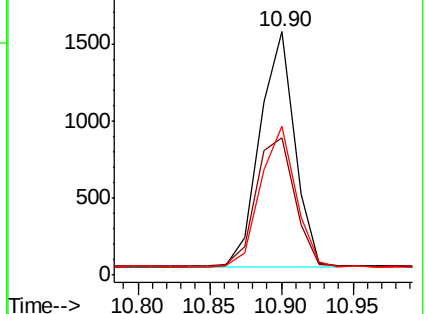
227 60.9 52.0 78.0

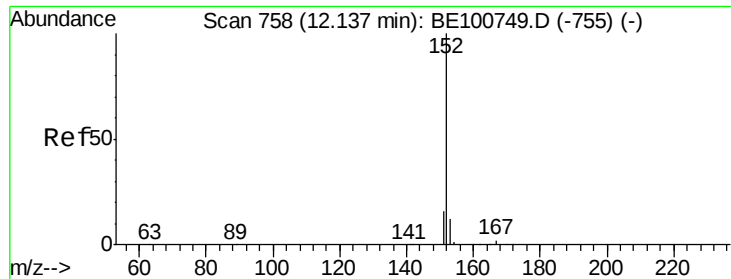


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

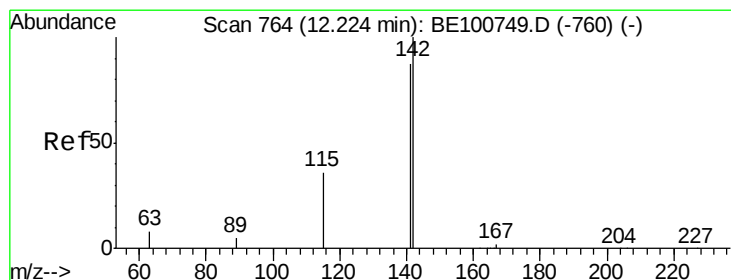
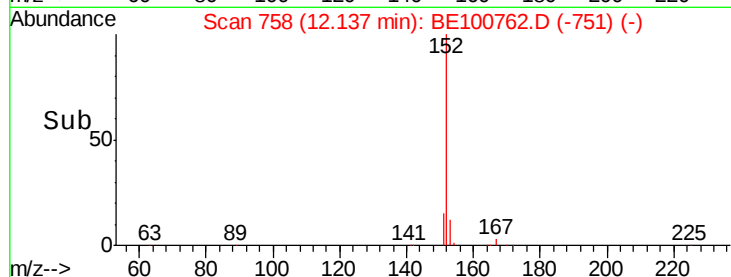
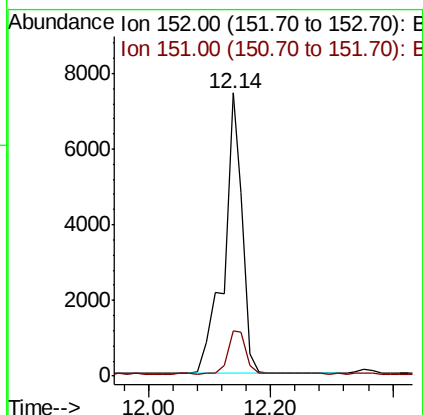
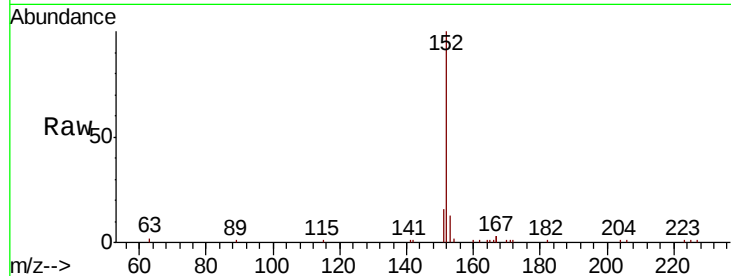




#11
 2-Methylnaphthalene-d10
 Concen: 0.463 ng
 RT: 12.14 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BE100762.D
 Acq: 22 Nov 2019 17:33

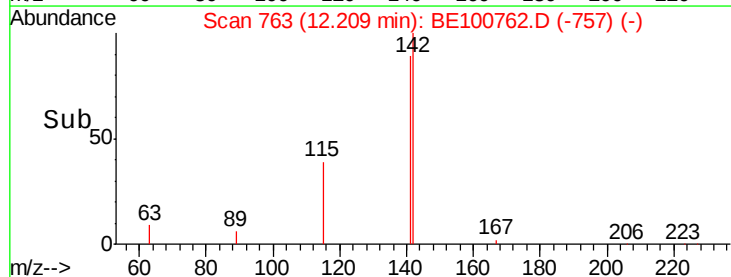
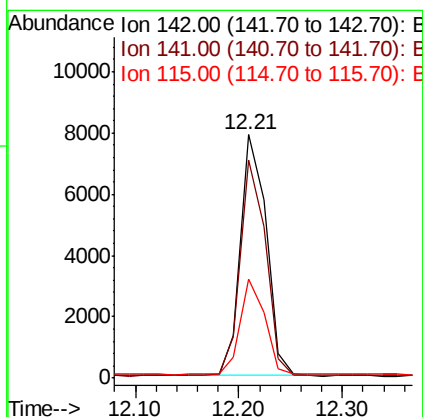
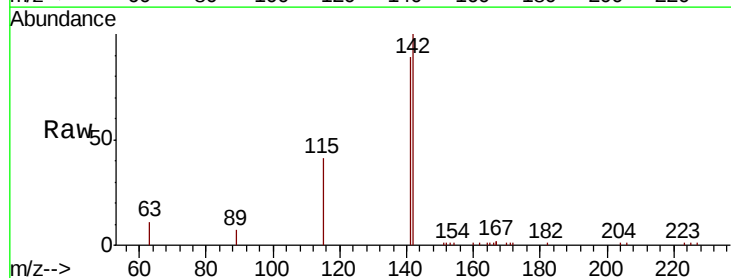
Instrument :
 BNA_E
 ClientSampleId :

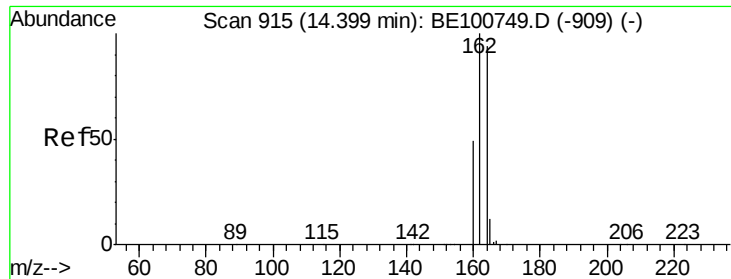
Tot Ion:152 Resp: 15420
 Ion Ratio Lower Upper
 152 100
 151 15.5 15.8 23.8#



#12
 2-Methylnaphthalene
 Concen: 0.356 ng
 RT: 12.21 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BE100762.D
 Acq: 22 Nov 2019 17:33

Tgt Ion:142 Resp: 13572
 Ion Ratio Lower Upper
 142 100
 141 89.4 69.9 104.9
 115 40.7 29.5 44.3

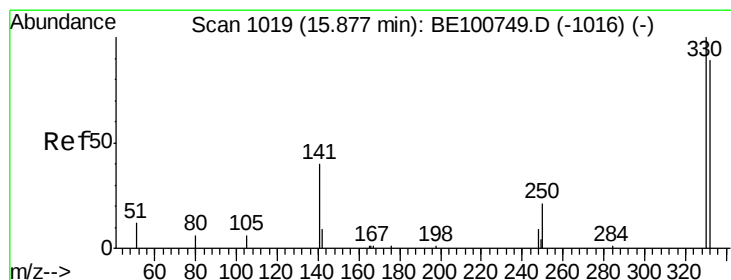
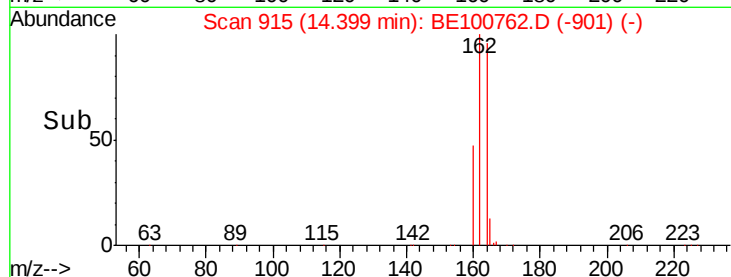
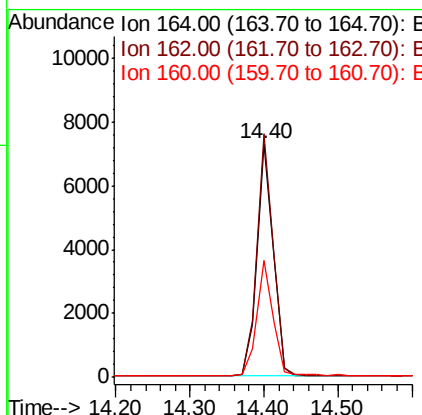
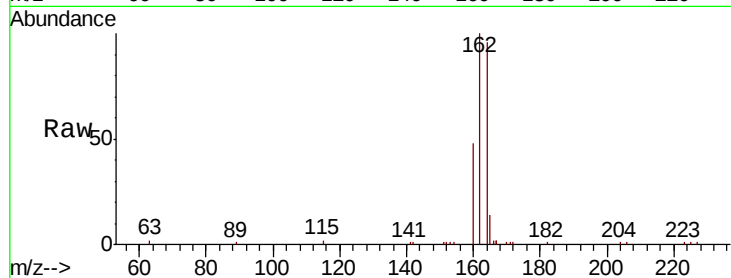




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. -0.00 min
Lab File: BE100762.D
Acq: 22 Nov 2019 17:33

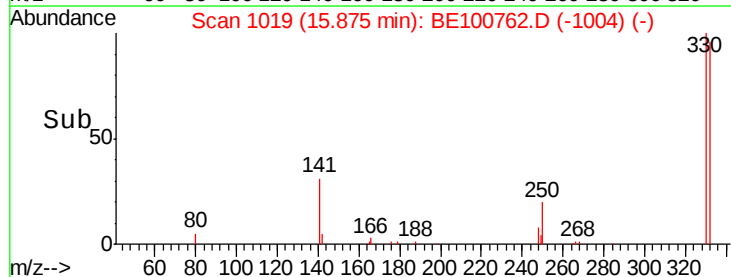
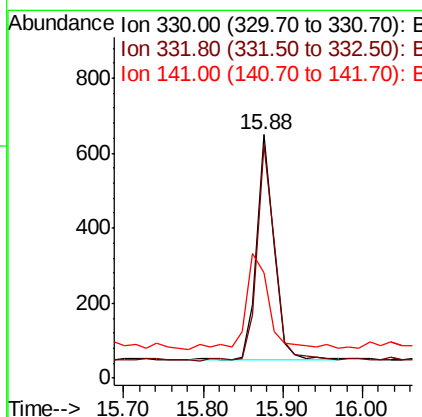
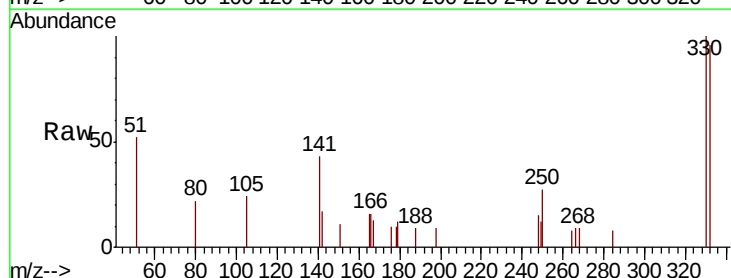
Instrument :
BNA_E
ClientSampleId :

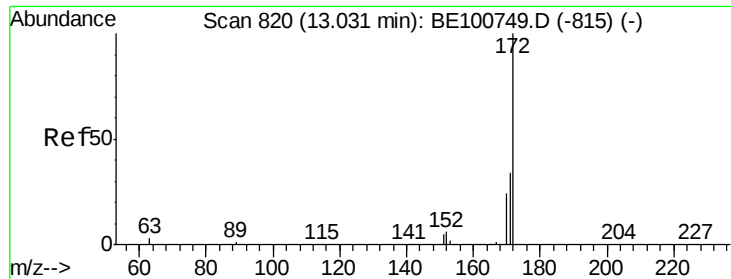
Tot Ion:164 Resp: 11080
Ion Ratio Lower Upper
164 100
162 104.0 84.8 127.2
160 49.8 42.3 63.5



#14
2,4,6-Tribromophenol
Concen: 0.587 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100762.D
Acq: 22 Nov 2019 17:33

Tgt Ion:330 Resp: 917
Ion Ratio Lower Upper
330 100
332 98.8 79.3 118.9
141 57.4 43.8 65.6

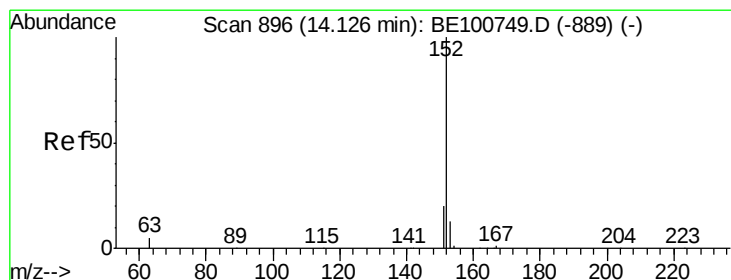
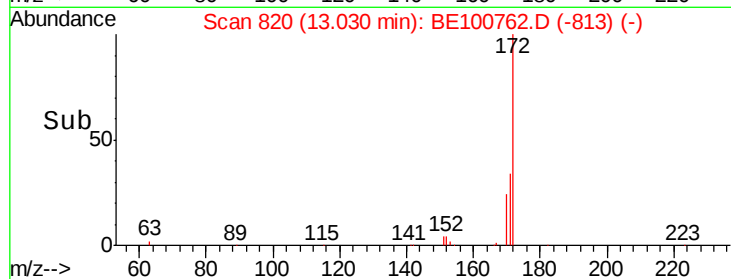
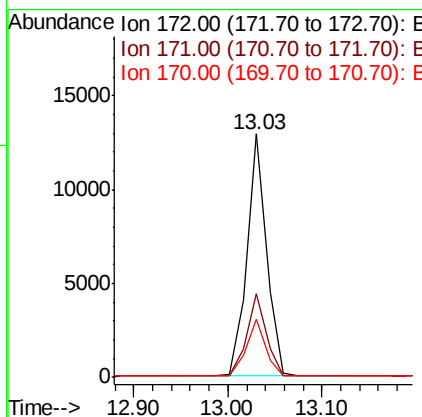
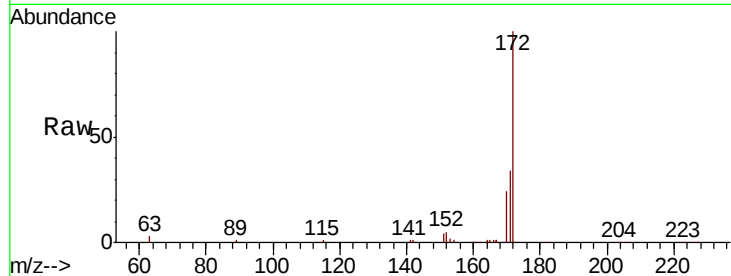




#15
2-Fluorobiphenyl
Concen: 0.436 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE100762.D
Acq: 22 Nov 2019 17:33

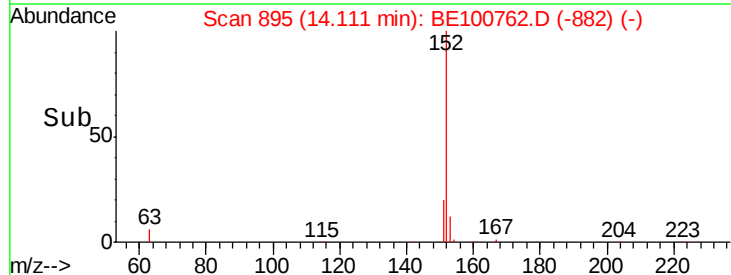
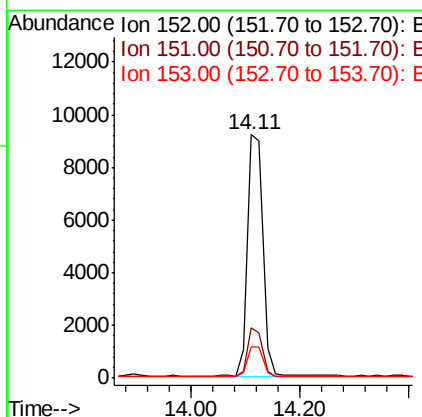
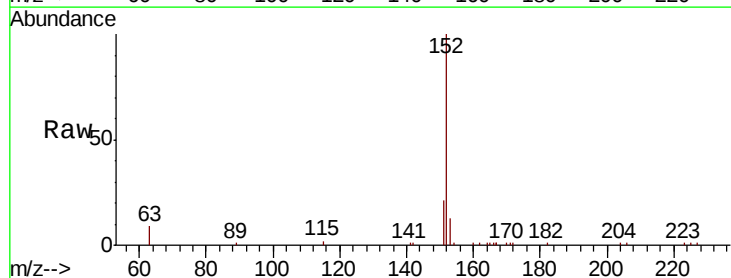
Instrument :
BNA_E
ClientSampleId :

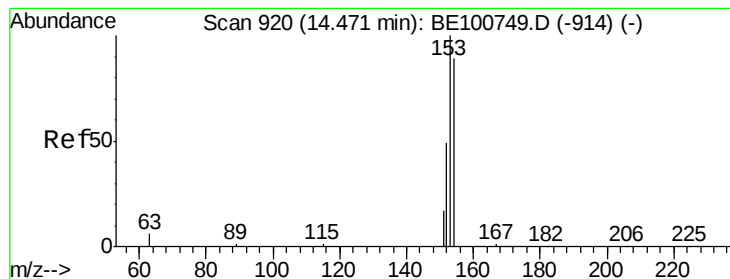
Tot Ion:172 Resp: 18768
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.6
170 24.0 19.4 29.2



#16
Acenaphthylene
Concen: 0.376 ng
RT: 14.11 min Scan# 895
Delta R.T. -0.01 min
Lab File: BE100762.D
Acq: 22 Nov 2019 17:33

Tgt Ion:152 Resp: 17932
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.4
153 12.7 10.6 15.8





#17

Acenaphthene

Concen: 0.355 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.01 min

Lab File: BE100762.D

Acq: 22 Nov 2019 17:33

Instrument :

BNA_E

ClientSampleId :

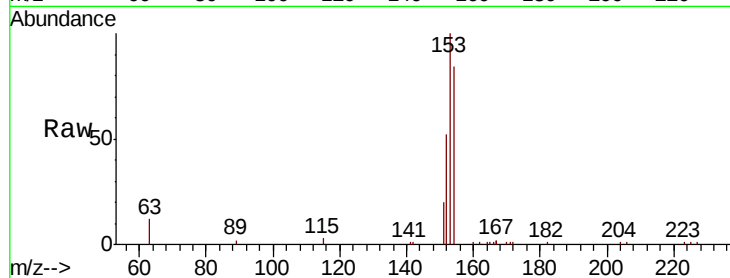
Tot Ion:154 Resp: 11353

Ion Ratio Lower Upper

154 100

153 114.7 91.6 137.4

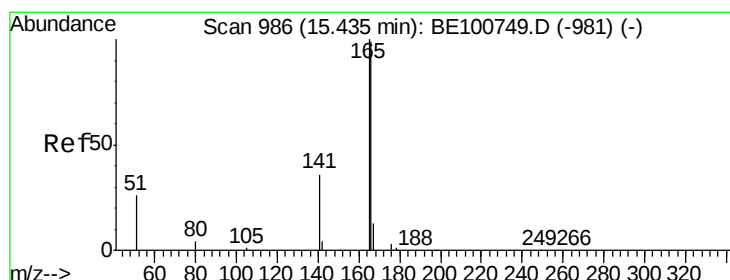
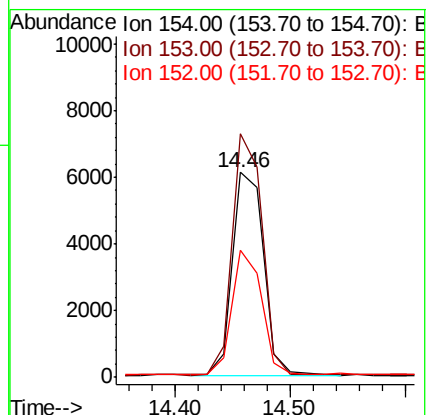
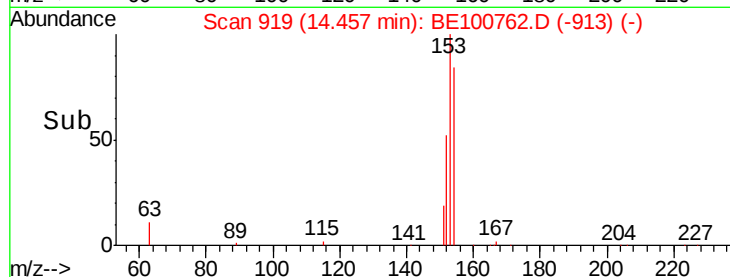
152 58.8 47.0 70.6



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: 0.358 ng

RT: 15.43 min Scan# 986

Delta R.T. -0.00 min

Lab File: BE100762.D

Acq: 22 Nov 2019 17:33

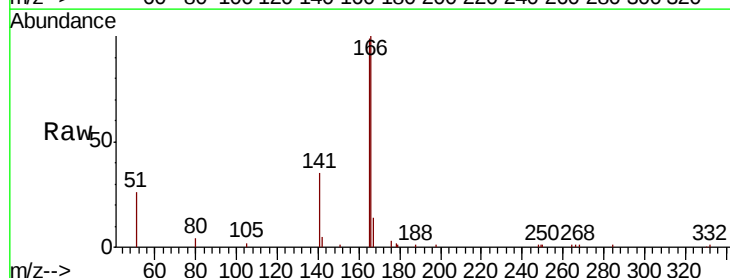
Tgt Ion:166 Resp: 14629

Ion Ratio Lower Upper

166 100

165 97.7 80.2 120.4

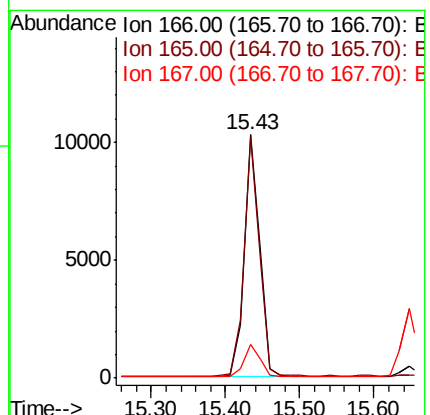
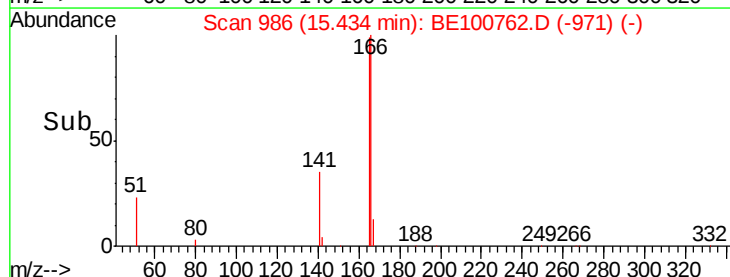
167 13.8 11.0 16.4

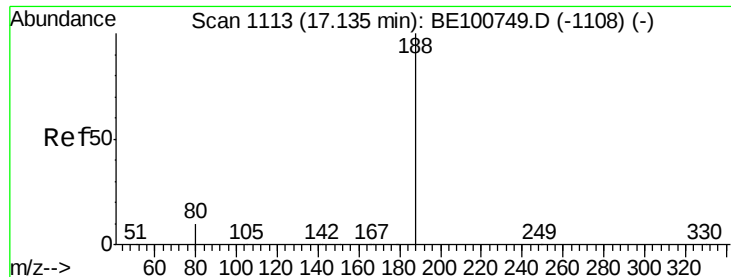


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

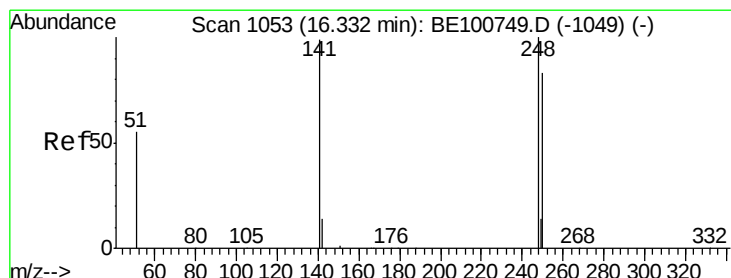
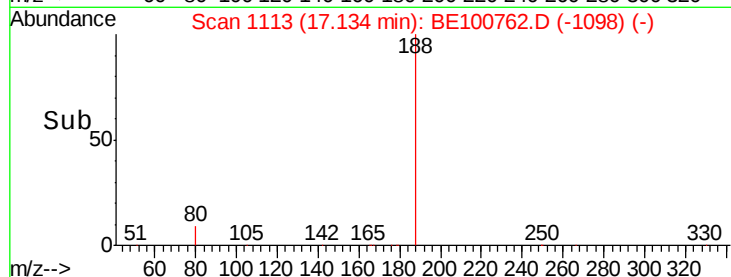
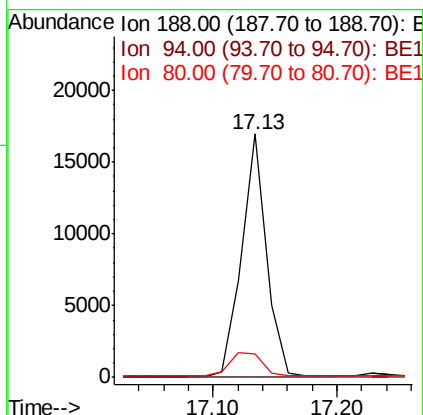
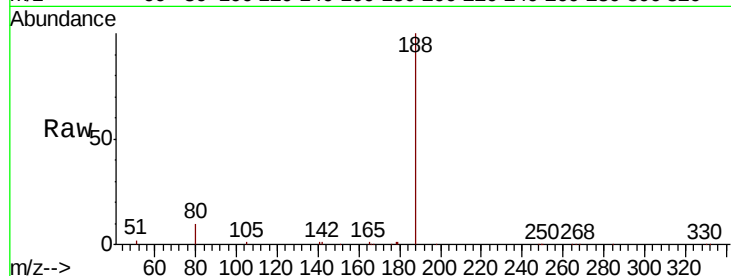




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE100762.D
Acq: 22 Nov 2019 17:33

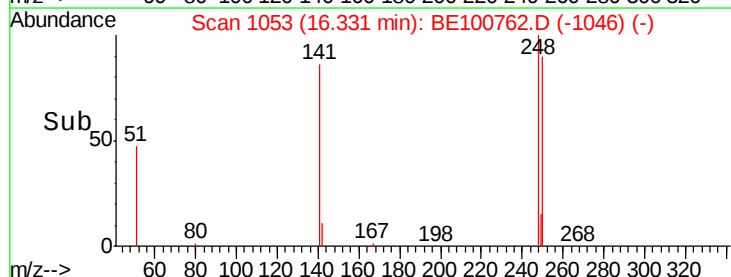
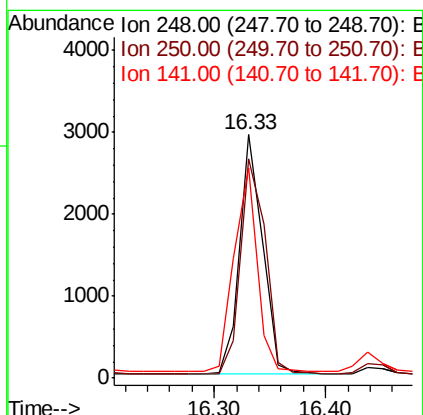
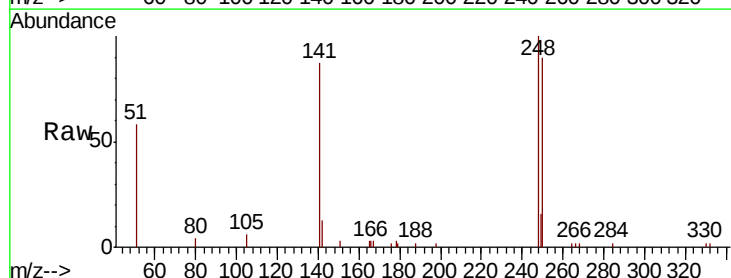
Instrument :
BNA_E
ClientSampleId :

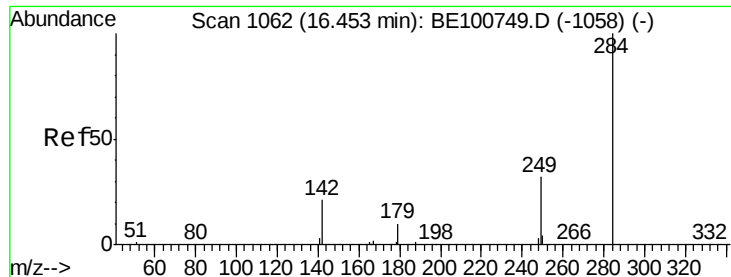
Tot Ion:188 Resp: 23527
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 8.2 12.2



#20
4-Bromophenyl-phenylether
Concen: 0.356 ng
RT: 16.33 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BE100762.D
Acq: 22 Nov 2019 17:33

Tgt Ion:248 Resp: 4124
Ion Ratio Lower Upper
248 100
250 90.0 66.3 99.5
141 86.6 79.6 119.4





#21

Hexachlorobenzene

Concen: 0.339 ng

RT: 16.45 min Scan# 1062

Delta R.T. -0.00 min

Lab File: BE100762.D

Acq: 22 Nov 2019 17:33

Instrument :

BNA_E

ClientSampleId :

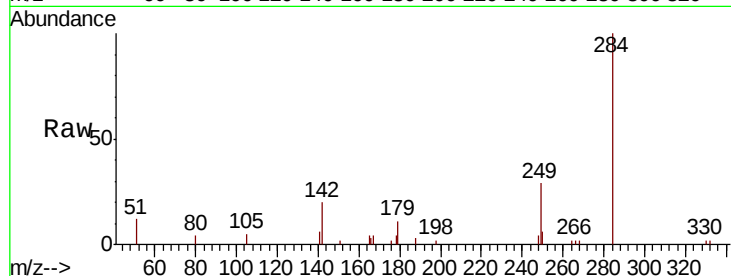
Tot Ion:284 Resp: 4100

Ion Ratio Lower Upper

284 100

142 43.2 34.9 52.3

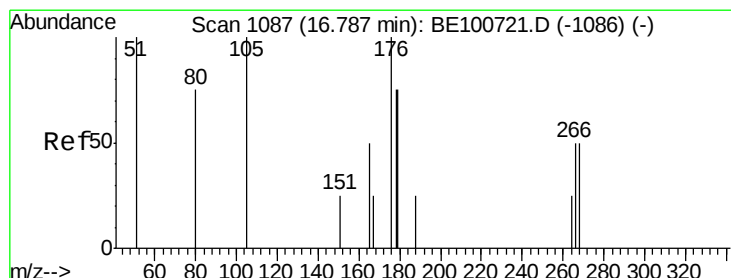
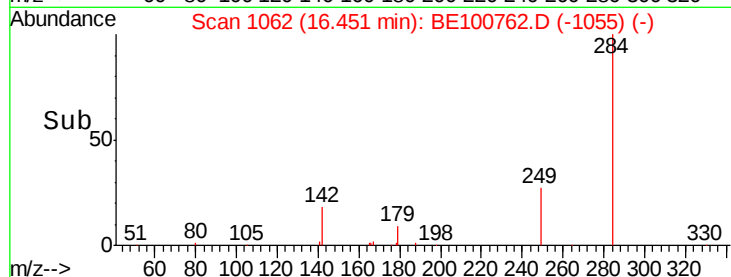
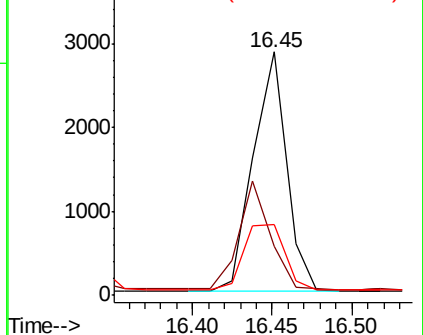
249 34.0 28.7 43.1



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



#22

Pentachlorophenol

Concen: 0.896 ng

RT: 16.79 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BE100762.D

Acq: 22 Nov 2019 17:33

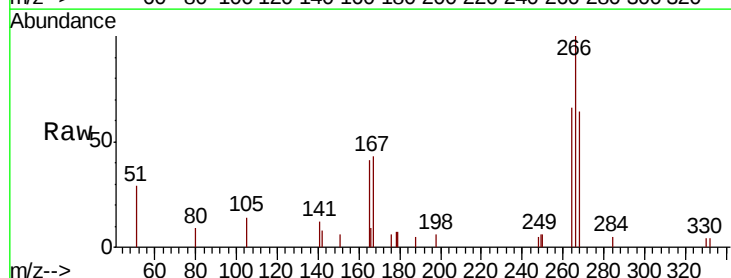
Tgt Ion:266 Resp: 1681

Ion Ratio Lower Upper

266 100

264 66.1 54.6 82.0

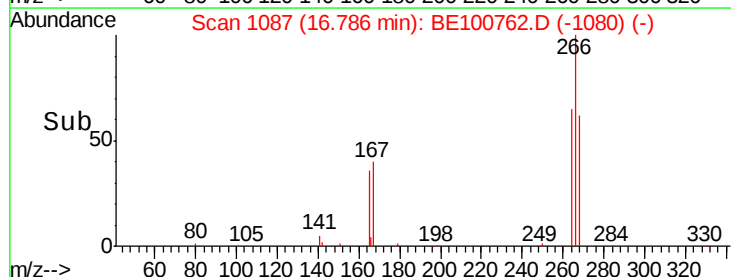
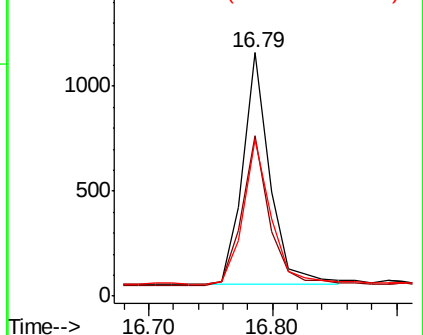
268 64.1 52.6 78.8

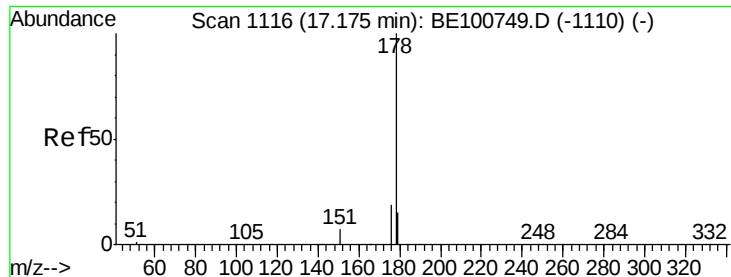


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.381 ng

RT: 17.17 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE100762.D

Acq: 22 Nov 2019 17:33

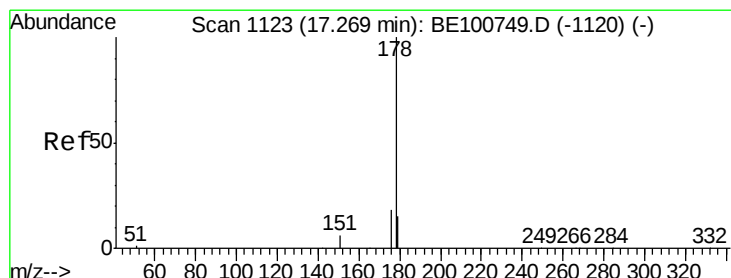
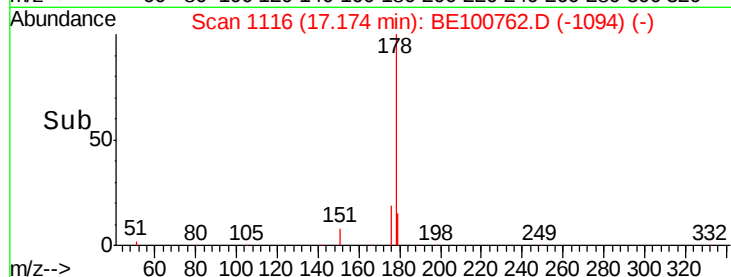
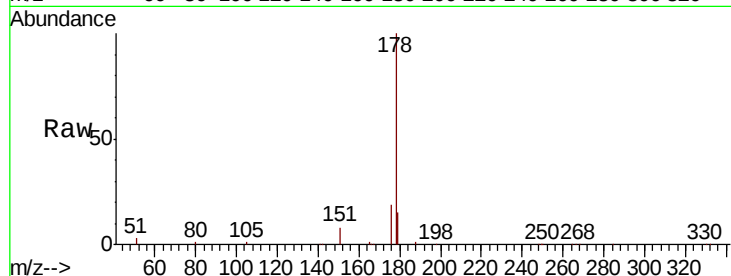
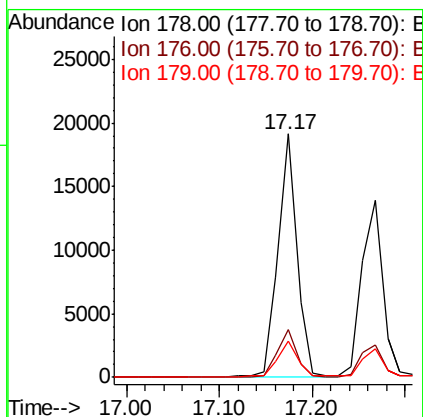
Instrument :

BNA_E

ClientSampleId :

Tot Ion:178 Resp: 26981

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.2	12.5	18.7



#24

Anthracene

Concen: 0.357 ng

RT: 17.27 min Scan# 1123

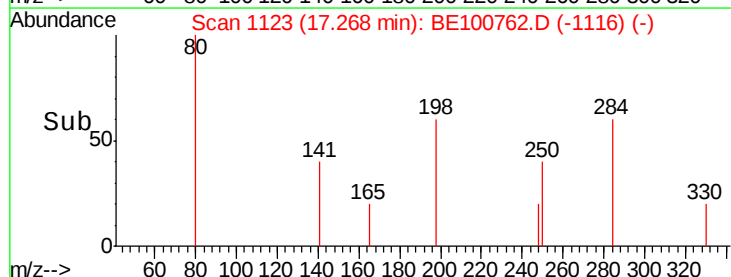
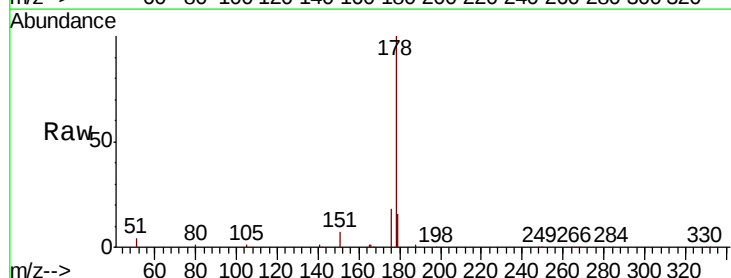
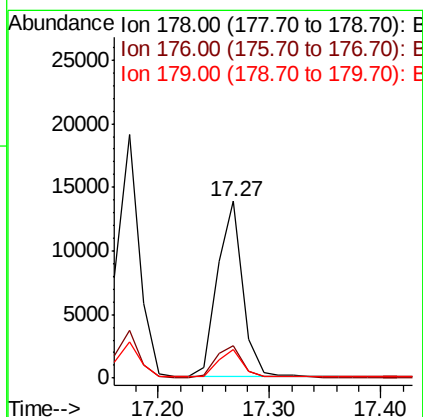
Delta R.T. -0.00 min

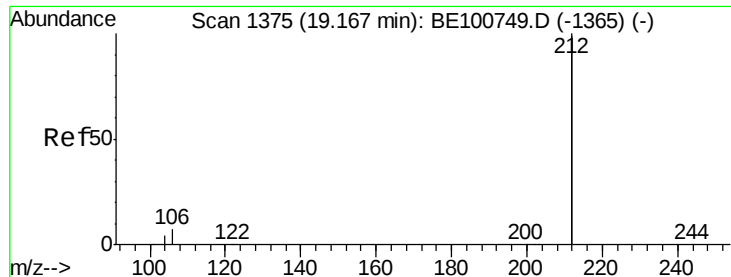
Lab File: BE100762.D

Acq: 22 Nov 2019 17:33

Tgt Ion:178 Resp: 21777

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	15.3	12.2	18.4





#25

Fluoranthene-d10

Concen: 0.403 ng

RT: 19.17 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE100762.D

Acq: 22 Nov 2019 17:33

Instrument :

BNA_E

ClientSampleId :

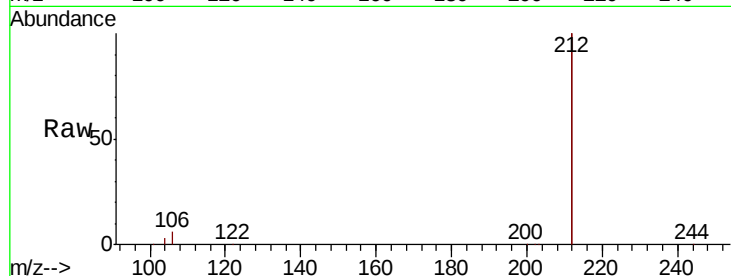
Tot Ion:212 Resp: 116159

Ion Ratio Lower Upper

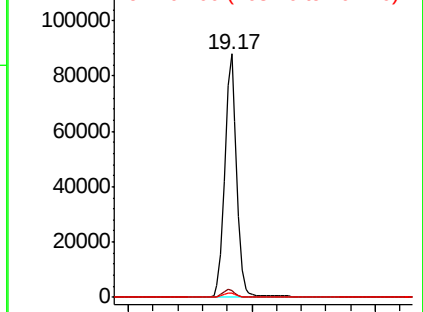
212 100

106 3.3 2.6 4.0

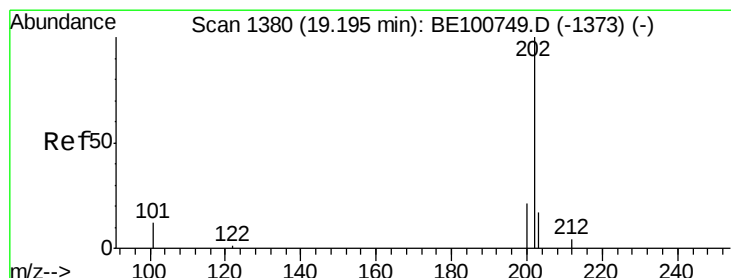
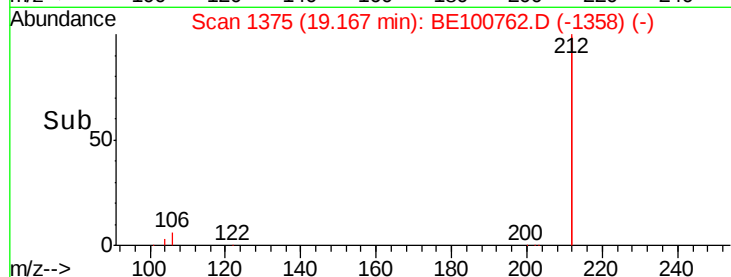
104 1.9 1.5 2.3



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



Time-->



#26

Fluoranthene

Concen: 0.375 ng

RT: 19.20 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BE100762.D

Acq: 22 Nov 2019 17:33

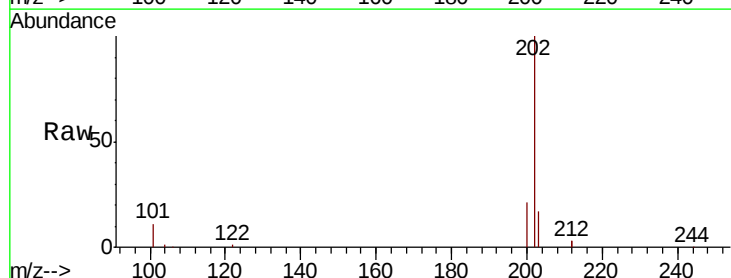
Tgt Ion:202 Resp: 32522

Ion Ratio Lower Upper

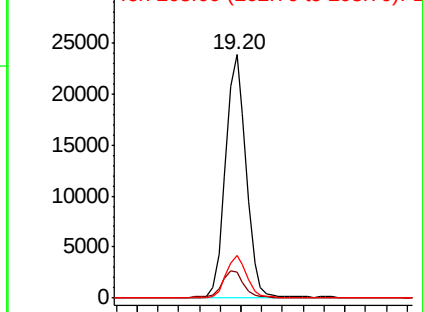
202 100

101 11.6 9.2 13.8

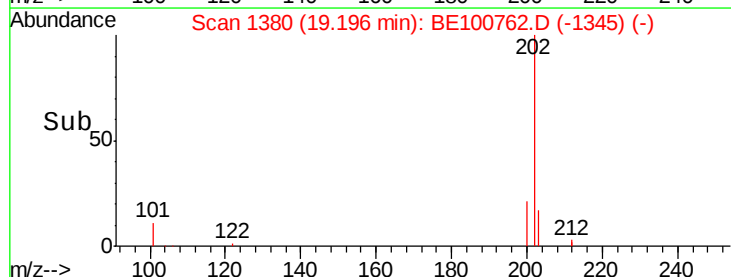
203 17.1 13.8 20.8

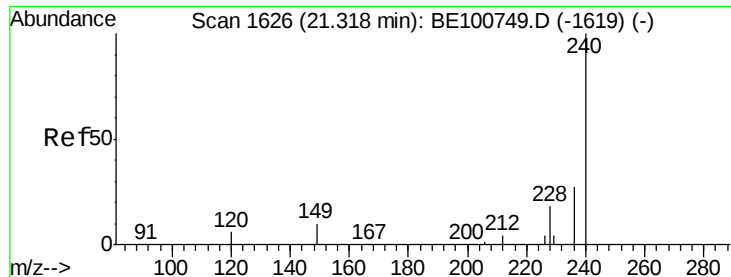


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->

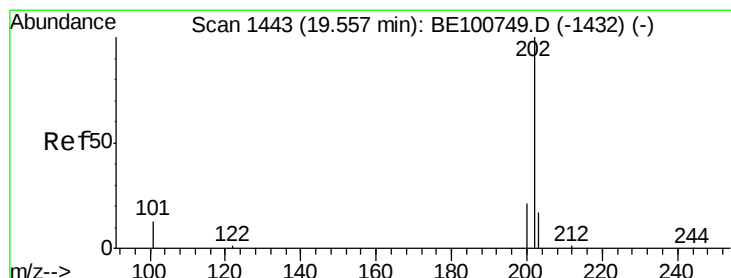
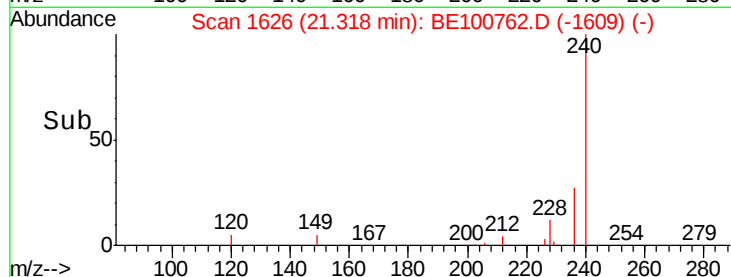
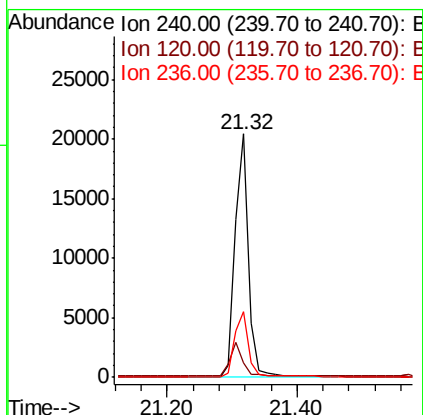
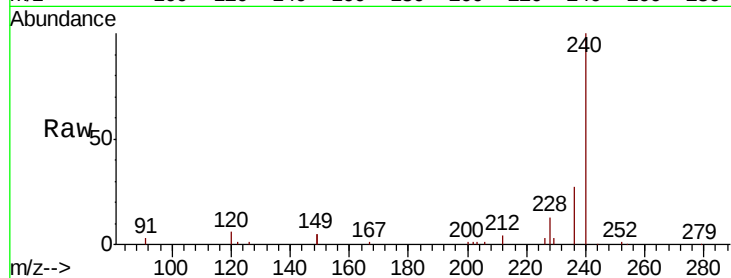




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.32 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: BE100762.D
 Acq: 22 Nov 2019 17:33

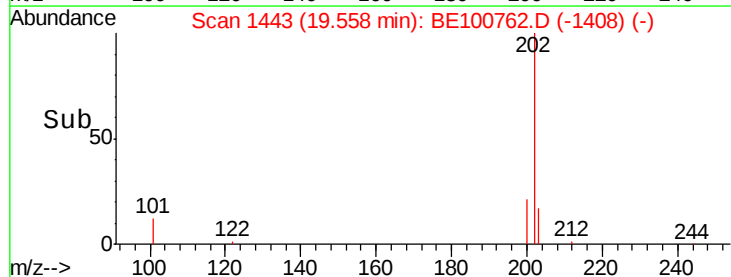
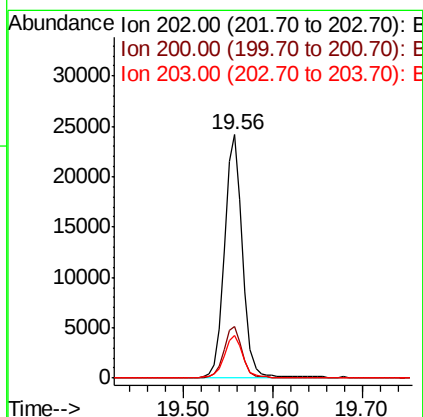
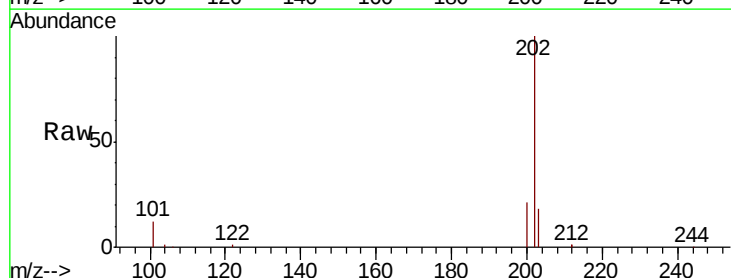
Instrument :
 BNA_E
 ClientSampled :

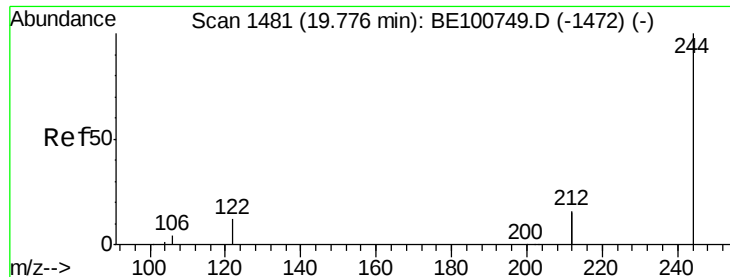
Tot Ion:240 Resp: 29384
 Ion Ratio Lower Upper
 240 100
 120 5.9 5.8 8.8
 236 27.0 21.9 32.9



#28
 Pyrene
 Concen: 0.365 ng
 RT: 19.56 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BE100762.D
 Acq: 22 Nov 2019 17:33

Tgt Ion:202 Resp: 33170
 Ion Ratio Lower Upper
 202 100
 200 21.1 16.6 24.8
 203 17.6 14.0 21.0





#29

Terphenyl-d14

Concen: 0.436 ng

RT: 19.77 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BE100762.D

Acq: 22 Nov 2019 17:33

Instrument :

BNA_E

ClientSampleId :

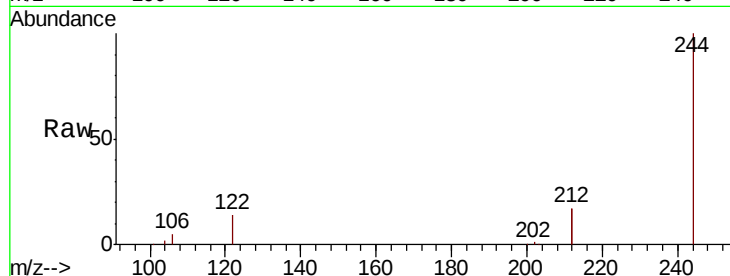
Tot Ion:244 Resp: 29525

Ion Ratio Lower Upper

244 100

212 33.0 25.2 37.8

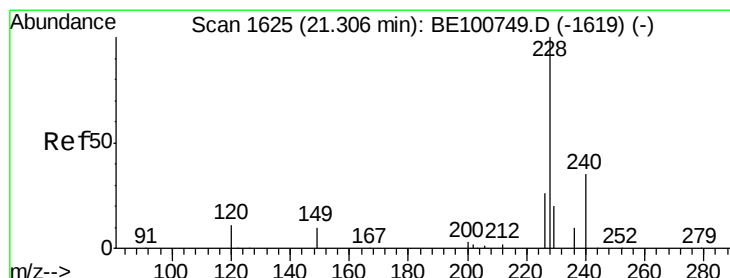
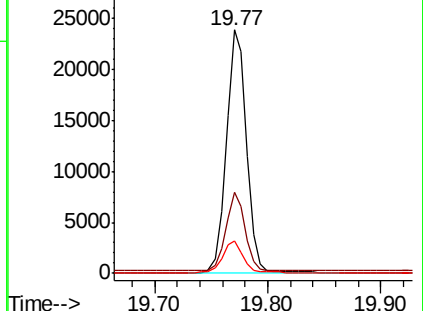
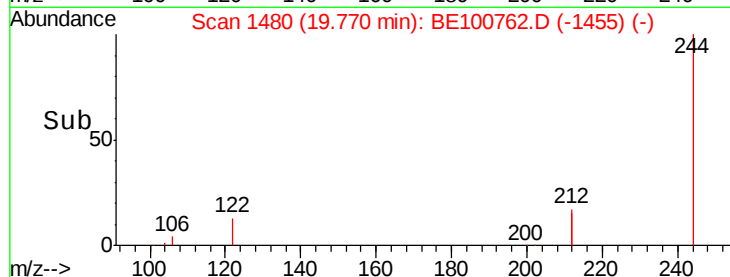
122 13.5 9.8 14.6



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: 0.372 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE100762.D

Acq: 22 Nov 2019 17:33

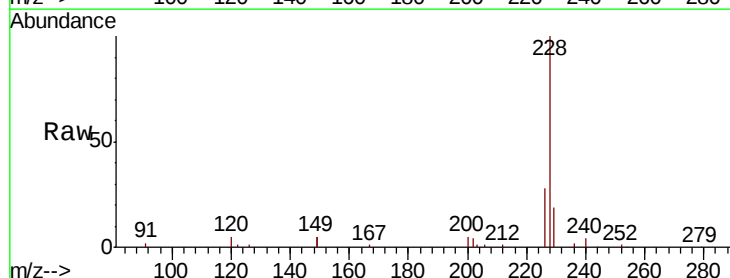
Tgt Ion:228 Resp: 36865

Ion Ratio Lower Upper

228 100

226 28.1 20.7 31.1

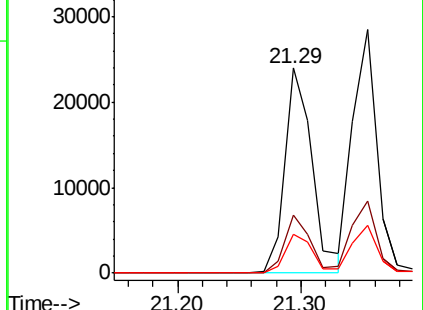
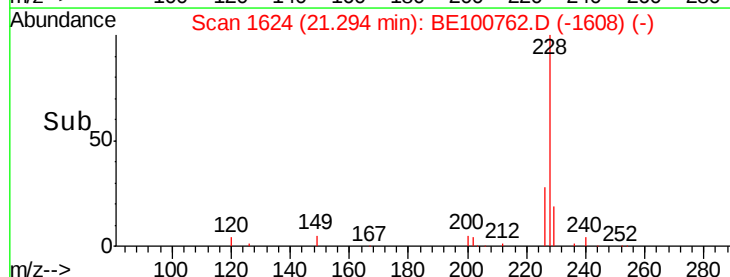
229 18.9 16.2 24.2

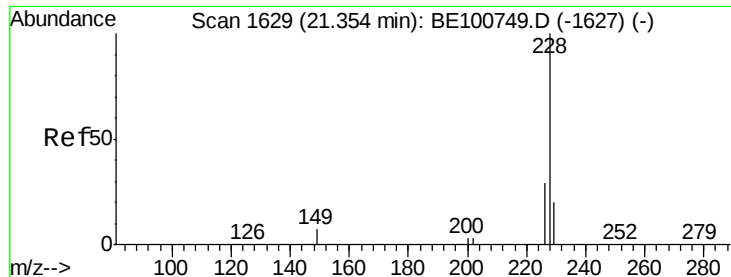


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

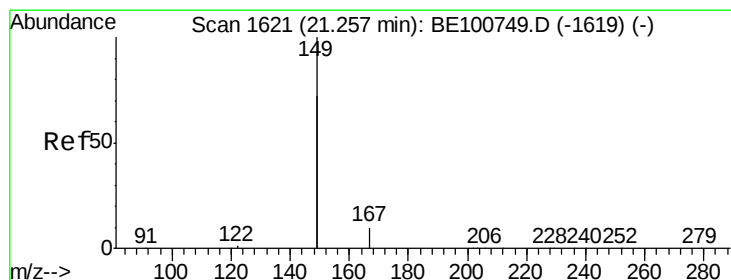
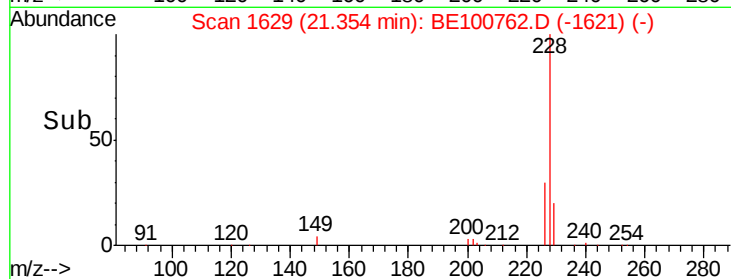
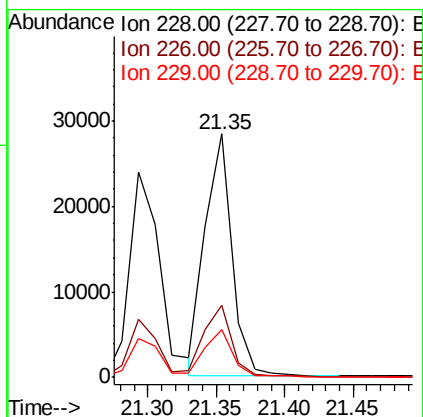
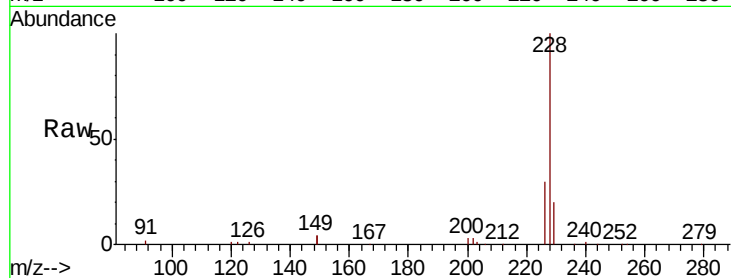




#31
 Chrysene
 Concen: 0.384 ng
 RT: 21.35 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BE100762.D
 Acq: 22 Nov 2019 17:33

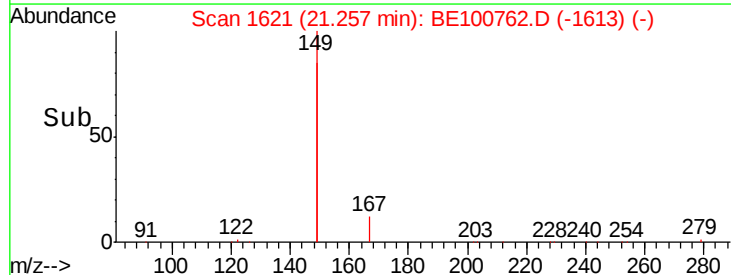
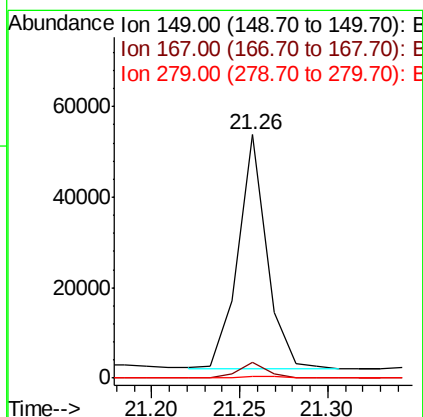
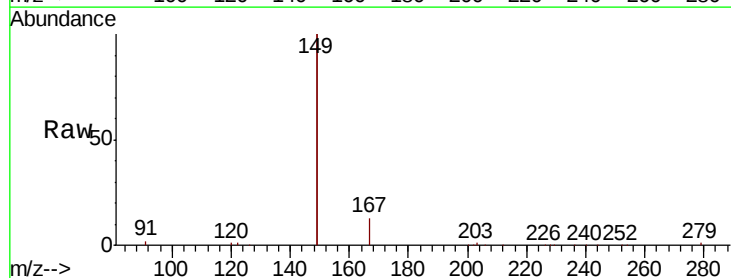
Instrument :
 BNA_E
 ClientSampleId :

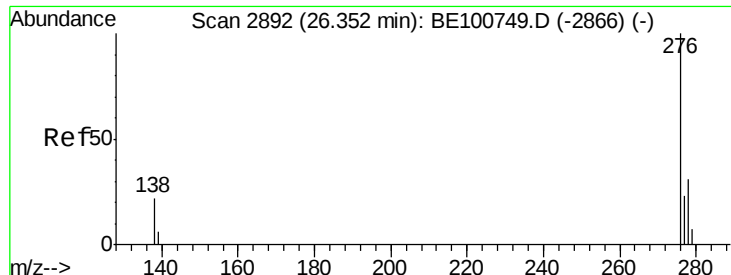
Tot Ion:228 Resp: 38651
 Ion Ratio Lower Upper
 228 100
 226 29.8 23.8 35.6
 229 19.8 15.9 23.9



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.429 ng
 RT: 21.26 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: BE100762.D
 Acq: 22 Nov 2019 17:33

Tgt Ion:149 Resp: 58288
 Ion Ratio Lower Upper
 149 100
 167 6.5 5.5 8.3
 279 0.8 0.7 1.1

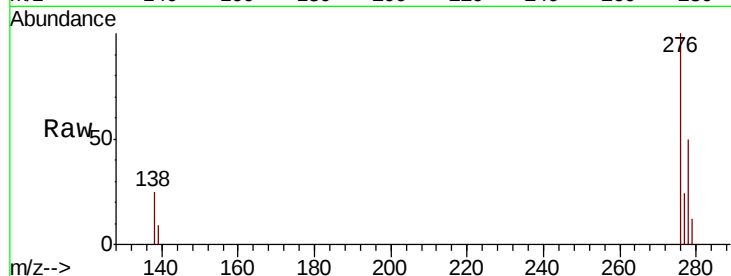




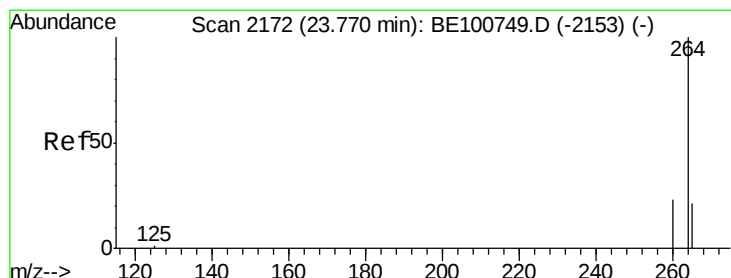
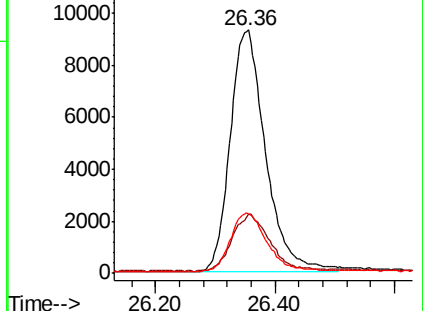
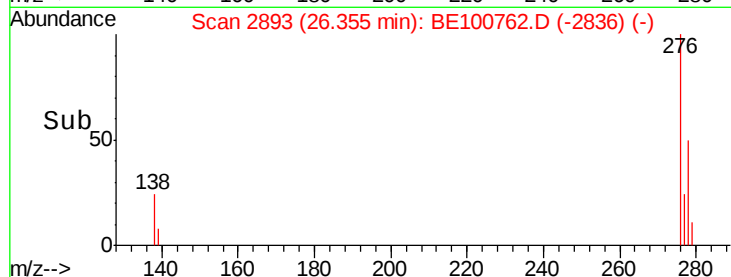
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.409 ng
RT: 26.36 min Scan# 2893
Delta R.T. 0.00 min
Lab File: BE100762.D
Acq: 22 Nov 2019 17:33

Instrument :
BNA_E
ClientSampleId :

Tot Ion:276 Resp: 38262
Ion Ratio Lower Upper
276 100
138 25.0 19.8 29.6
277 24.6 19.7 29.5

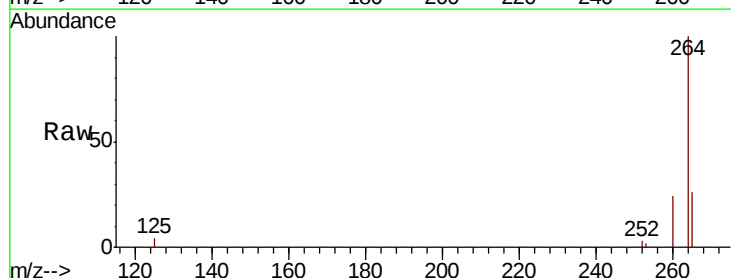


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

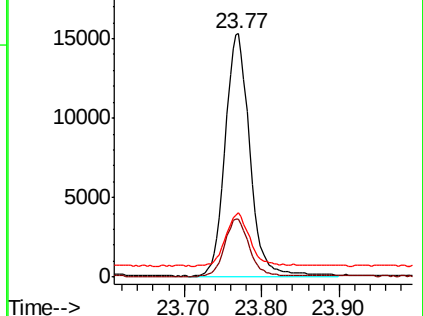
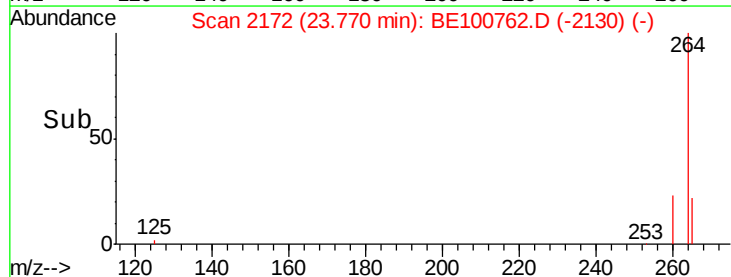


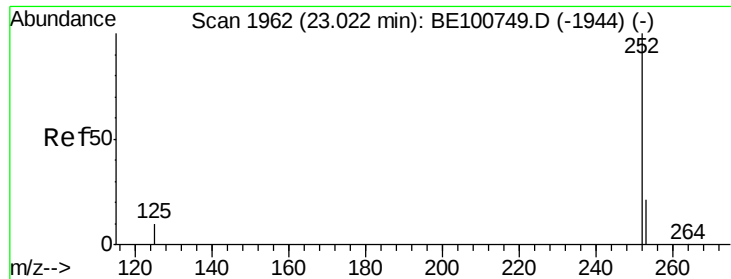
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.77 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BE100762.D
Acq: 22 Nov 2019 17:33

Tgt Ion:264 Resp: 33614
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 26.5 22.4 33.6



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

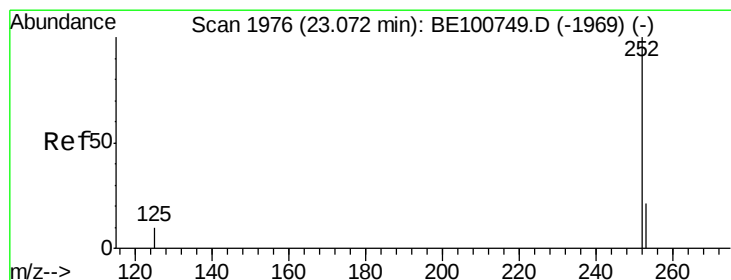
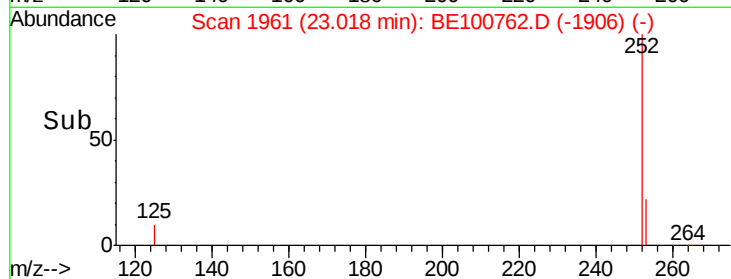
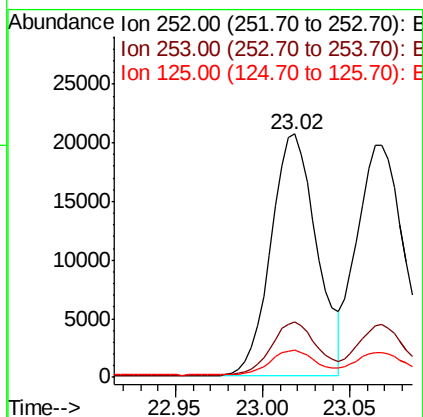
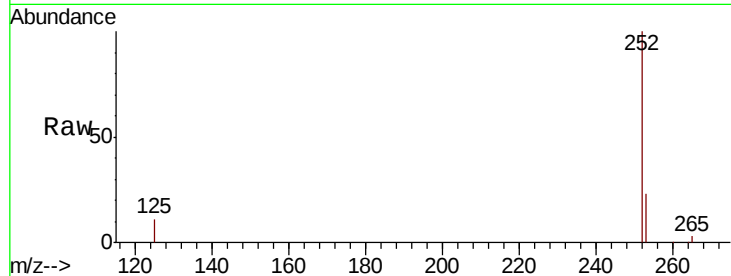




#35
Benzo(b)fluoranthene
Concen: 0.358 ng
RT: 23.02 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BE100762.D
Acq: 22 Nov 2019 17:33

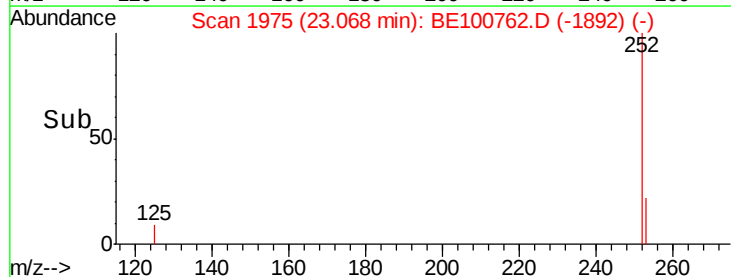
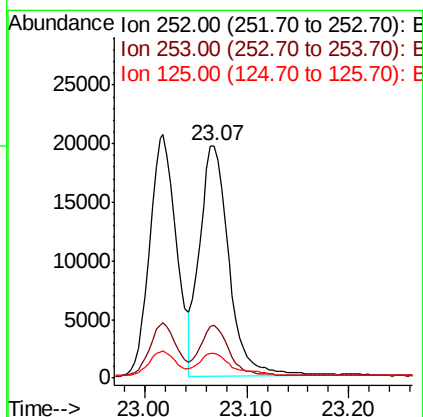
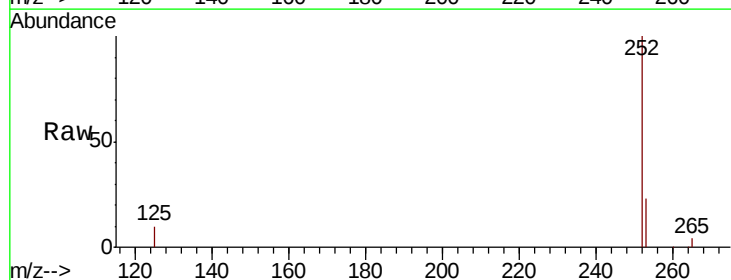
Instrument :
BNA_E
ClientSampleId :

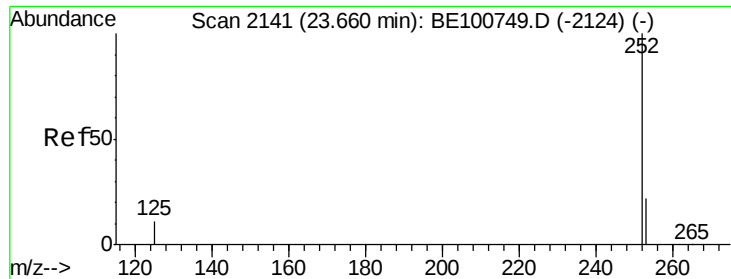
Tot Ion:252 Resp: 37754
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 11.0 9.1 13.7



#36
Benzo(k)fluoranthene
Concen: 0.352 ng
RT: 23.07 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BE100762.D
Acq: 22 Nov 2019 17:33

Tgt Ion:252 Resp: 38687
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 10.5 9.0 13.4





#37

Benzo(a)pyrene

Concen: 0.346 ng

RT: 23.66 min Scan# 2140

Delta R.T. -0.00 min

Lab File: BE100762.D

Acq: 22 Nov 2019 17:33

Instrument :

BNA_E

ClientSampleId :

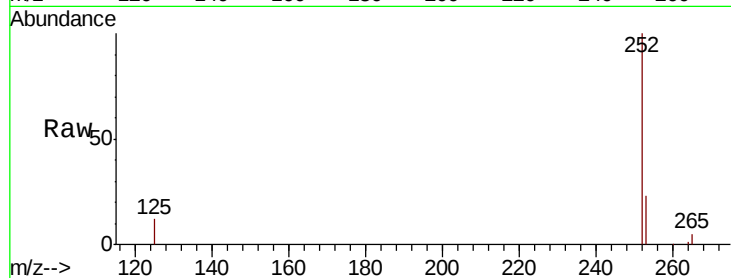
Tot Ion:252 Resp: 32164

Ion Ratio Lower Upper

252 100

253 23.2 18.3 27.5

125 12.3 10.5 15.7

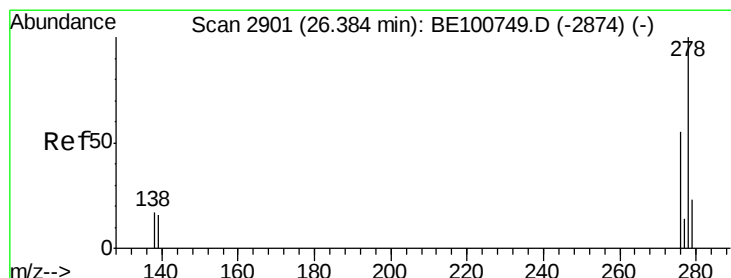
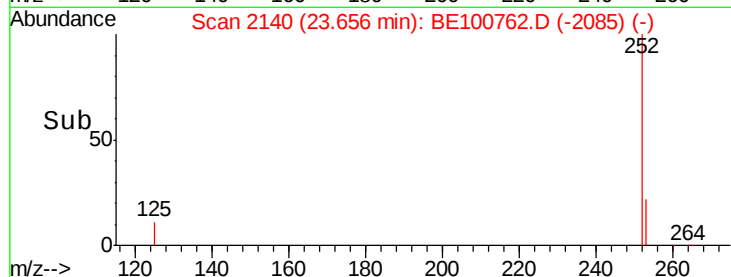
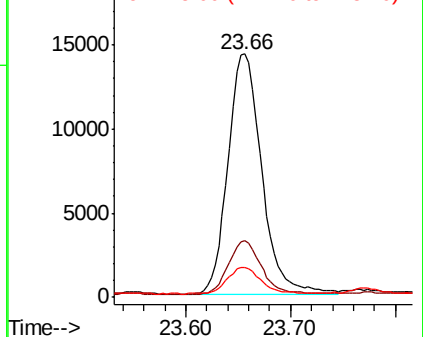


Abundance

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: 0.326 ng

RT: 26.38 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BE100762.D

Acq: 22 Nov 2019 17:33

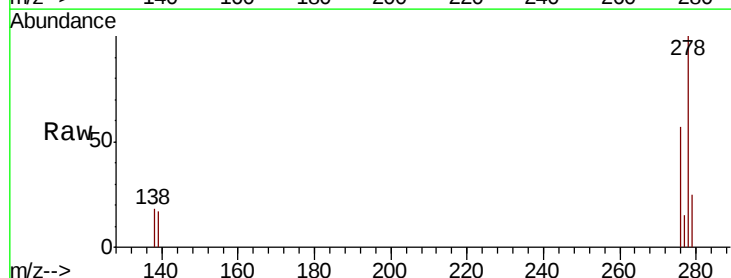
Tgt Ion:278 Resp: 31928

Ion Ratio Lower Upper

278 100

139 16.9 13.2 19.8

279 24.5 19.4 29.2

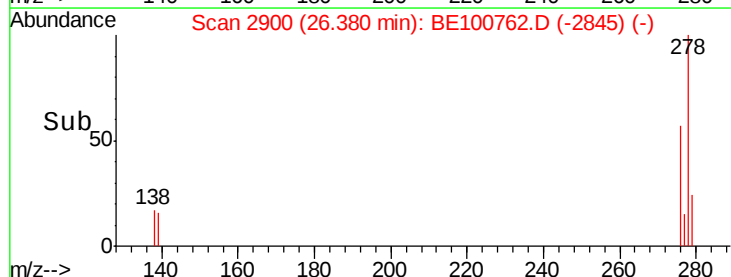
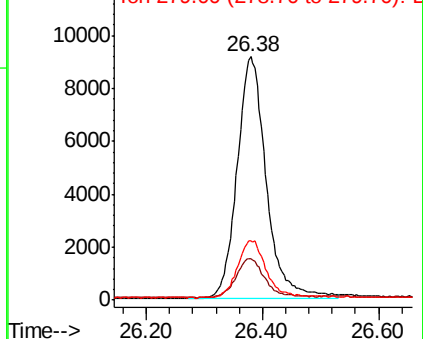


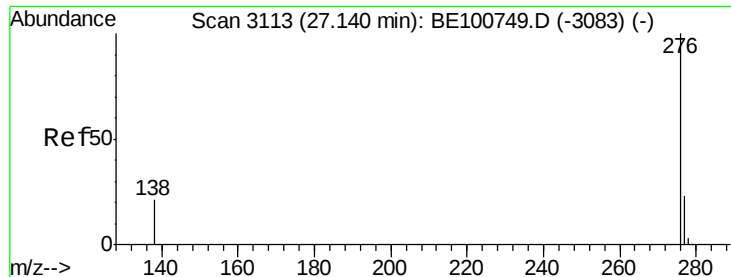
Abundance

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(a,h,i)perylene

Concen: 0.373 ng

RT: 27.14 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BE100762.D

Acq: 22 Nov 2019 17:33

Instrument :

BNA_E

ClientSampleId :

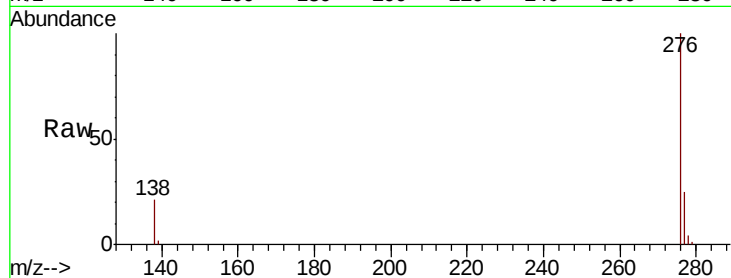
Tot Ion: 276 Resp: 34575

Ion Ratio Lower Upper

276 100

277 24.7 18.9 28.3

138 21.1 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

