

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101119\
 Data File : BE100639.D
 Acq On : 11 Oct 2019 17:21
 Operator : JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Oct 11 18:35:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 10 14:01:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	5052	0.40	ng	-0.01
7) Naphthalene-d8	10.64	136	20640	0.40	ng	0.00
13) Acenaphthene-d10	14.49	164	12747	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	29957	0.40	ng	0.00
27) Chrysene-d12	21.37	240	45407	0.40	ng	0.00
34) Perylene-d12	23.85	264	52731	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	7660	0.49	ng	0.00
5) Phenol-d6	7.01	99	11148	0.51	ng	0.00
8) Nitrobenzene-d5	8.99	82	6997	0.55	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	12381	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1819	0.54	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	24024	0.52	ng	0.00
25) Fluoranthene-d10	19.23	212	151163	0.39	ng	0.00
29) Terphenyl-d14	19.83	244	47470	0.48	ng	0.00

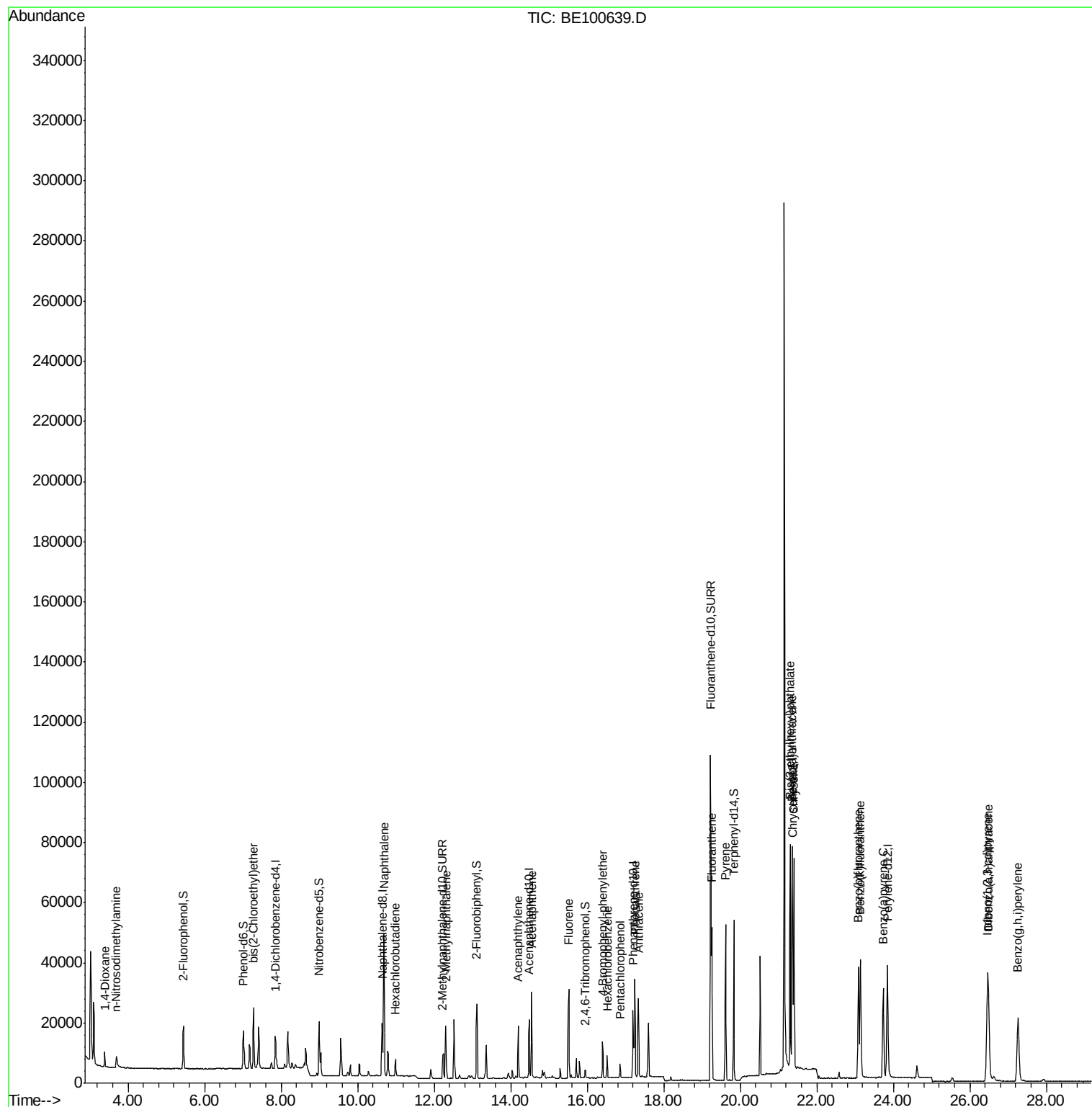
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.39	88	3599	0.399	ng	# 100
3) n-Nitrosodimethylamine	3.69	42	3894	0.408	ng	# 97
6) bis(2-Chloroethyl)ether	7.27	93	7005	0.388	ng	99
9) Naphthalene	10.69	128	85647	0.395	ng	100
10) Hexachlorobutadiene	10.99	225	3902	0.414	ng	99
12) 2-Methylnaphthalene	12.31	142	14434	0.390	ng	99
16) Acenaphthylene	14.20	152	19773	0.360	ng	99
17) Acenaphthene	14.54	154	14321	0.404	ng	98
18) Fluorene	15.51	166	17958	0.381	ng	99
20) 4-Bromophenyl-phenylether	16.40	248	5713	0.375	ng	# 64
21) Hexachlorobenzene	16.52	284	5787	0.398	ng	99
22) Pentachlorophenol	16.85	266	2322	0.496	ng	98
23) Phenanthrene	17.24	178	33561	0.407	ng	99
24) Anthracene	17.34	178	27995	0.366	ng	99
26) Fluoranthene	19.25	202	45012	0.419	ng	100
28) Pyrene	19.62	202	46914	0.370	ng	100
30) Benzo(a)anthracene	21.35	228	55862	0.377	ng	99
31) Chrysene	21.40	228	58780	0.397	ng	100
32) Bis(2-ethylhexyl)phthalate	21.30	149	86045	0.278	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.46	276	63026	0.346	ng	100
35) Benzo(b)fluoranthene	23.09	252	56328	0.366	ng	100
36) Benzo(k)fluoranthene	23.14	252	59301	0.375	ng	100
37) Benzo(a)pyrene	23.73	252	49219	0.344	ng	99
38) Dibenzo(a,h)anthracene	26.48	278	51083	0.345	ng	99
39) Benzo(g,h,i)perylene	27.26	276	54424	0.366	ng	100

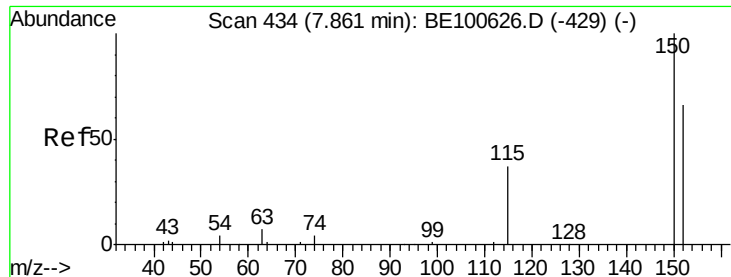
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101119\
Data File : BE100639.D
Acq On : 11 Oct 2019 17:21
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 11 18:35:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 10 14:01:52 2019
Response via : Initial Calibration



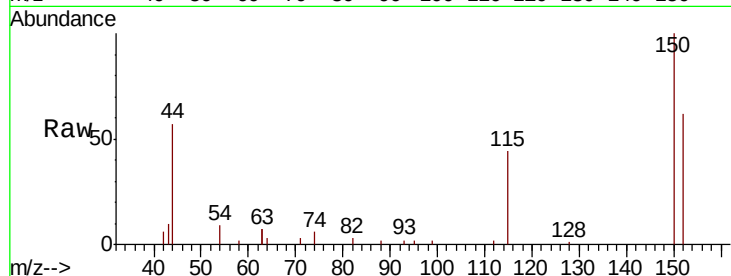


#1

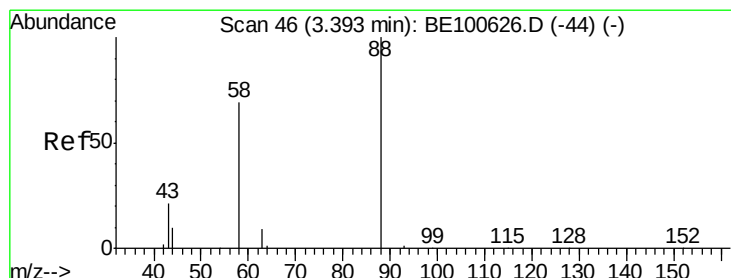
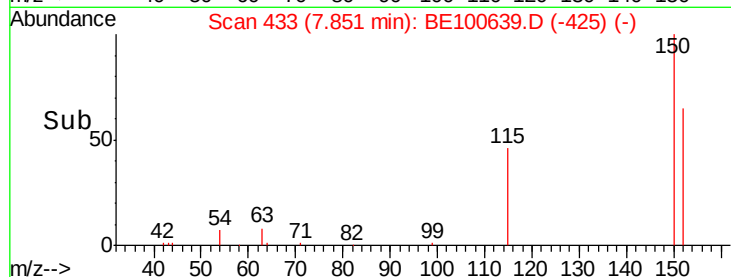
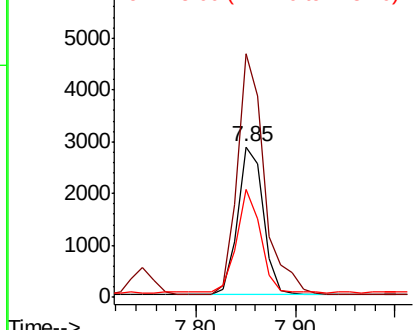
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE100639.D
Acq: 11 Oct 2019 17:21

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 5052
Ion Ratio Lower Upper
152 100
150 161.6 120.7 181.1
115 71.8 48.0 72.0



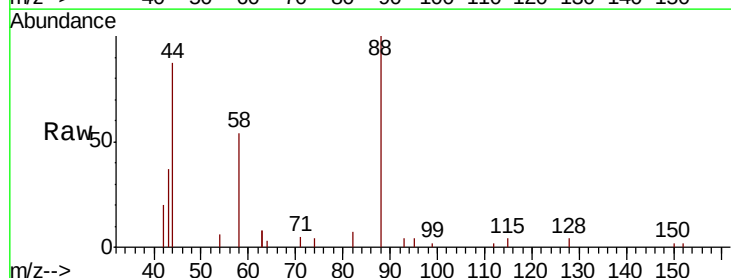
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



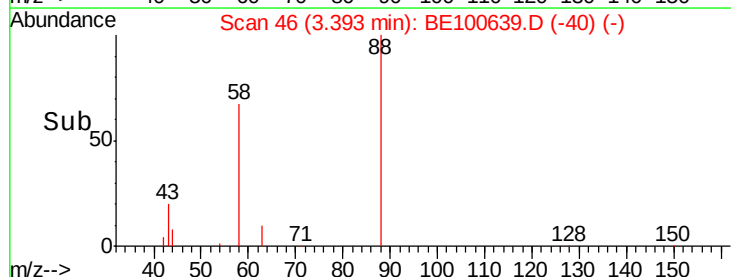
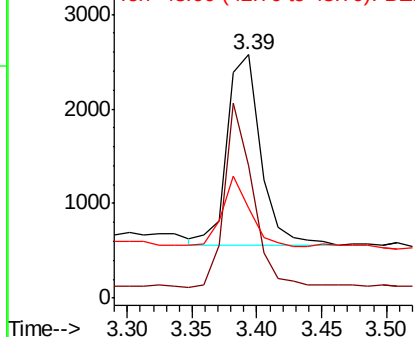
#2

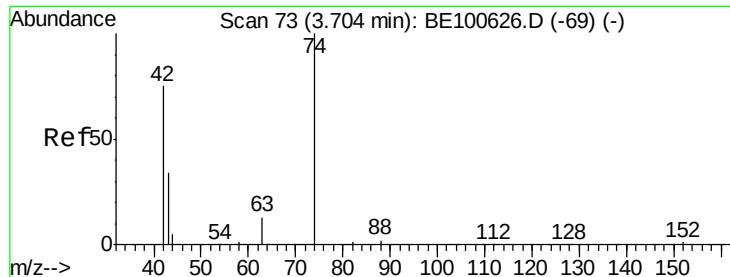
1,4-Dioxane
Concen: 0.399 ng
RT: 3.39 min Scan# 46
Delta R.T. 0.00 min
Lab File: BE100639.D
Acq: 11 Oct 2019 17:21

Tgt Ion: 88 Resp: 3599
Ion Ratio Lower Upper
88 100
58 81.6 0.0 0.0#
43 30.2 0.0 0.0#



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: 0.408 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.01 min

Lab File: BE100639.D

Acq: 11 Oct 2019 17:21

Instrument :

BNA_E

ClientSampleId :

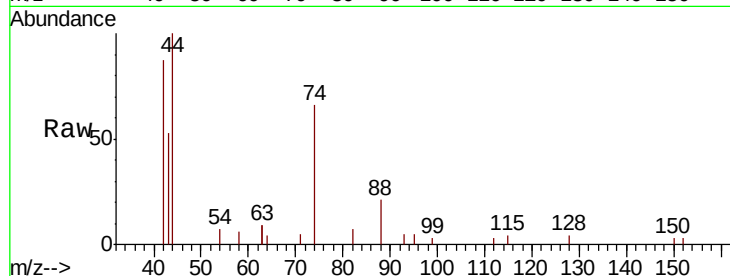
Tot Ion: 42 Resp: 3894

Ion Ratio Lower Upper

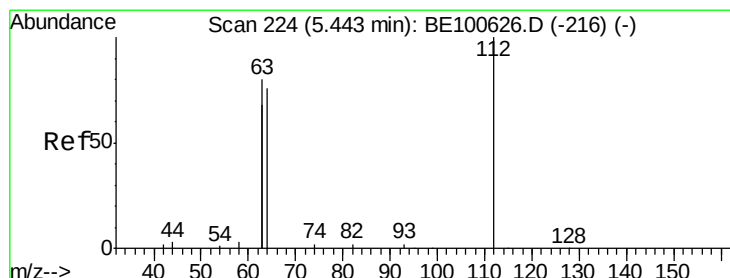
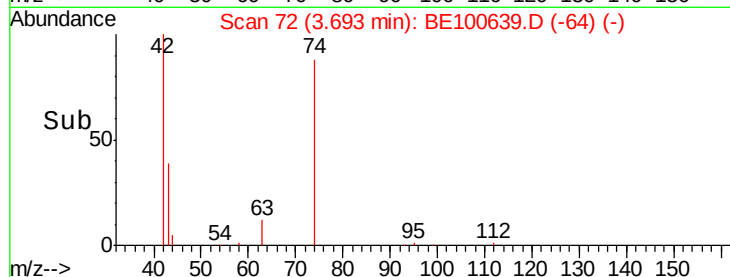
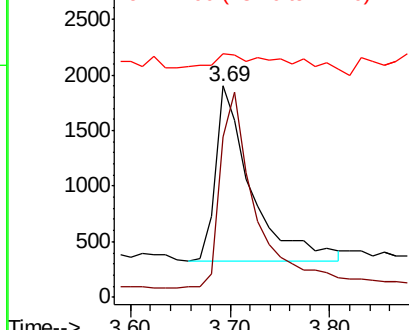
42 100

74 112.0 91.7 137.5

44 5.6 8.2 12.2#



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: 0.491 ng

RT: 5.44 min Scan# 224

Delta R.T. 0.00 min

Lab File: BE100639.D

Acq: 11 Oct 2019 17:21

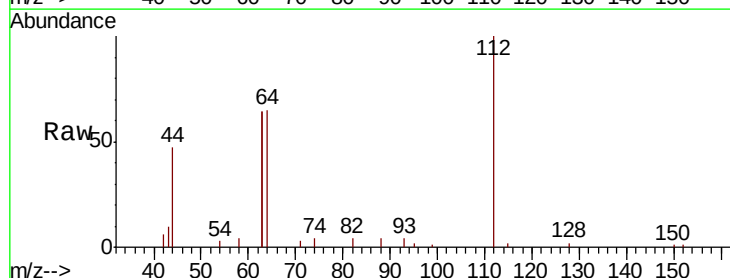
Tgt Ion: 112 Resp: 7660

Ion Ratio Lower Upper

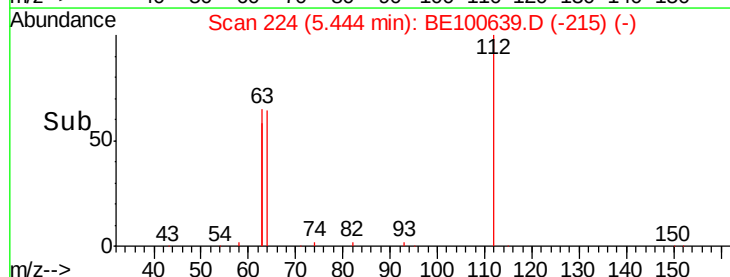
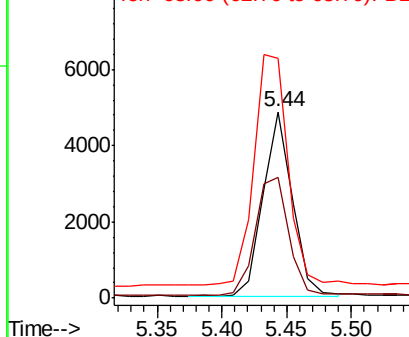
112 100

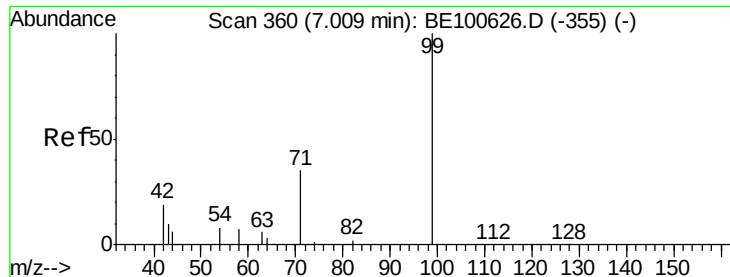
64 72.7 58.9 88.3

63 144.7 118.3 177.5



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: 0.507 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.00 min

Lab File: BE100639.D

Acq: 11 Oct 2019 17:21

Instrument :

BNA_E

ClientSampleId :

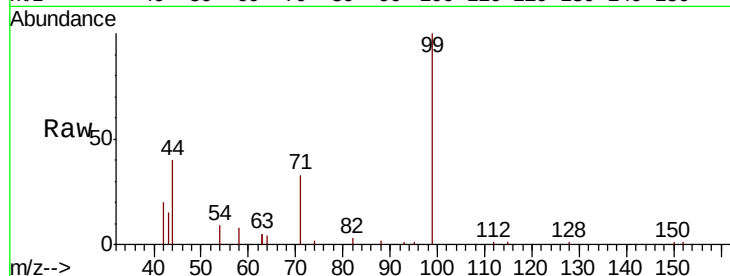
Tot Ion: 99 Resp: 11148

Ion Ratio Lower Upper

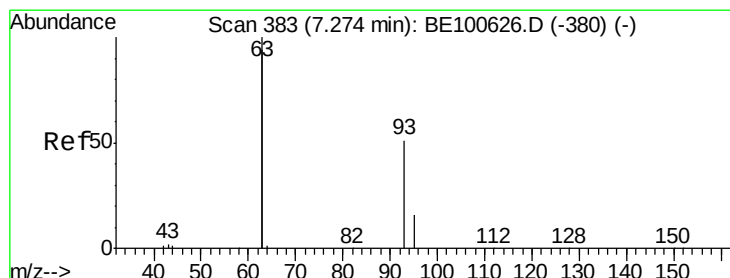
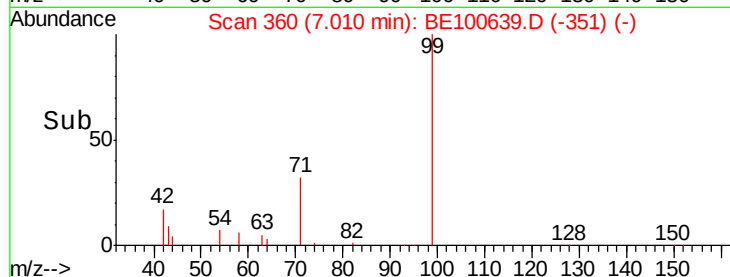
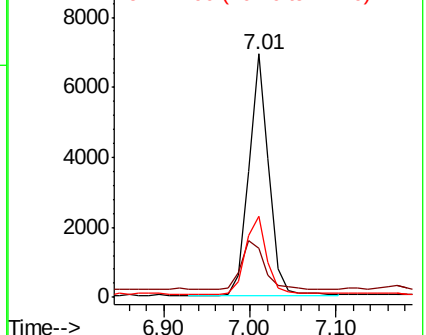
99 100

42 23.7 19.4 29.2

71 33.9 26.9 40.3



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: 0.388 ng

RT: 7.27 min Scan# 383

Delta R.T. 0.00 min

Lab File: BE100639.D

Acq: 11 Oct 2019 17:21

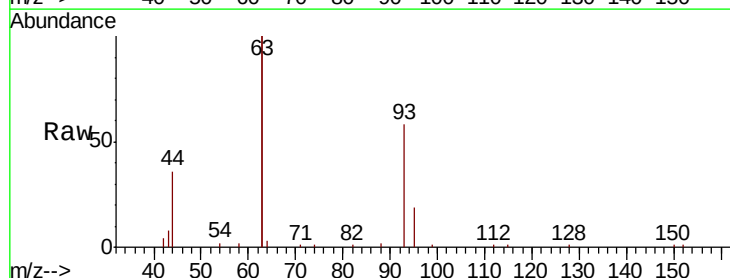
Tgt Ion: 93 Resp: 7005

Ion Ratio Lower Upper

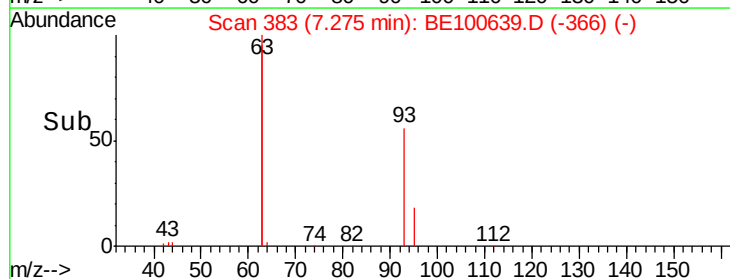
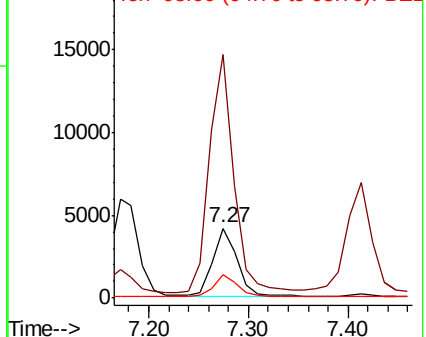
93 100

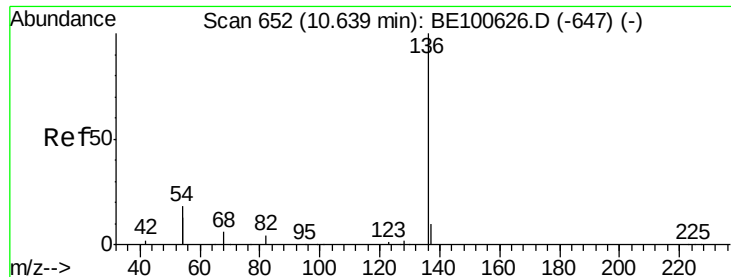
63 345.3 277.4 416.0

95 31.4 24.7 37.1



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. 0.00 min

Lab File: BE100639.D

Acq: 11 Oct 2019 17:21

Instrument :

BNA_E

ClientSampleId :

Tot Ion:136 Resp: 20640

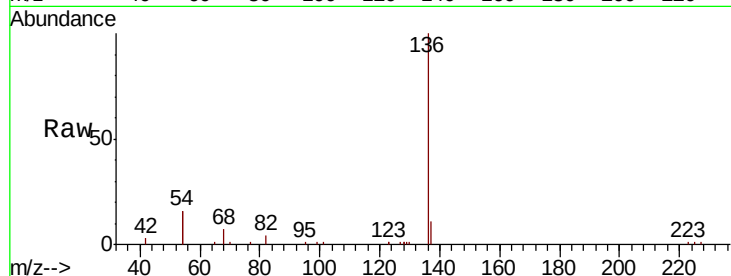
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 31.6 28.7 43.1

68 6.7 5.9 8.9

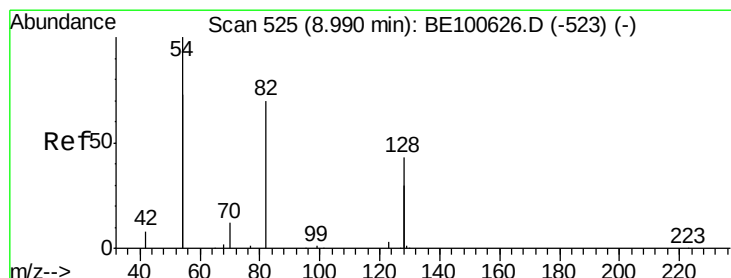
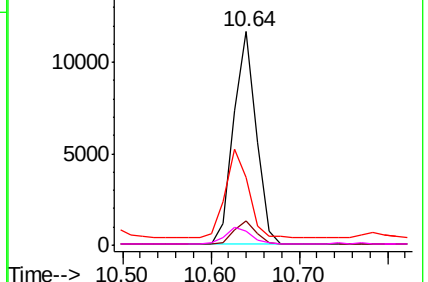
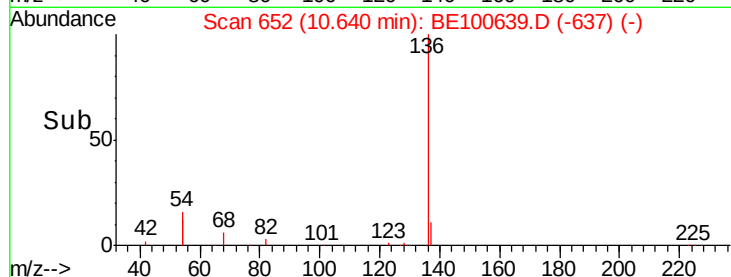


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.547 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE100639.D

Acq: 11 Oct 2019 17:21

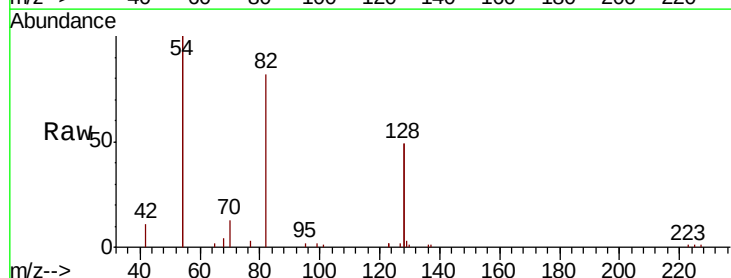
Tgt Ion: 82 Resp: 6997

Ion Ratio Lower Upper

82 100

128 117.9 90.7 136.1

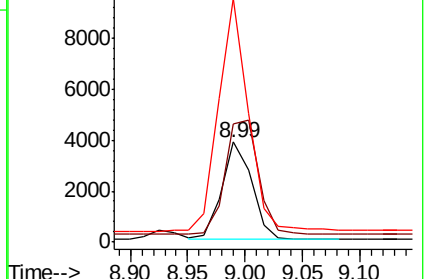
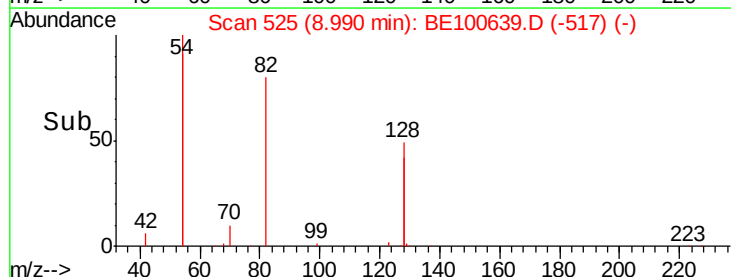
54 243.0 210.9 316.3

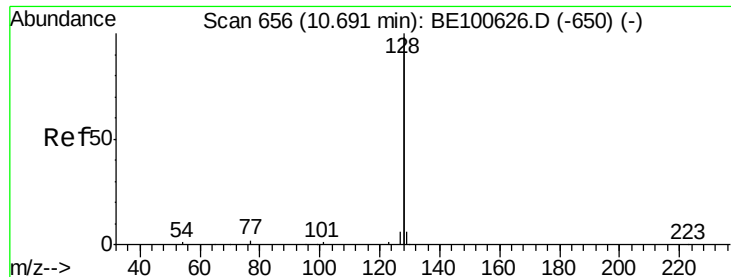


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

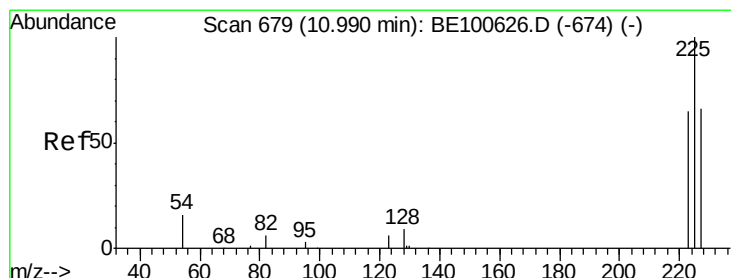
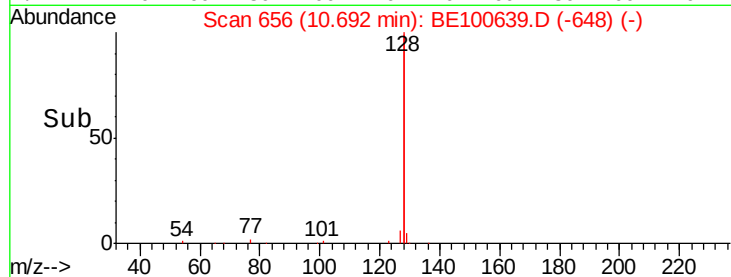
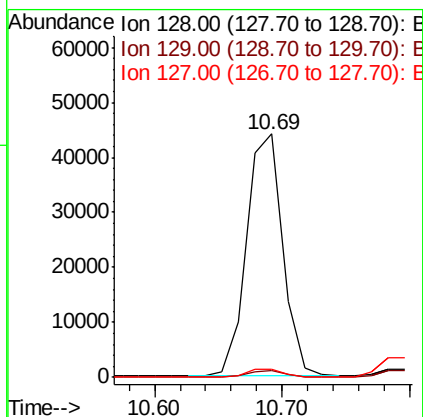
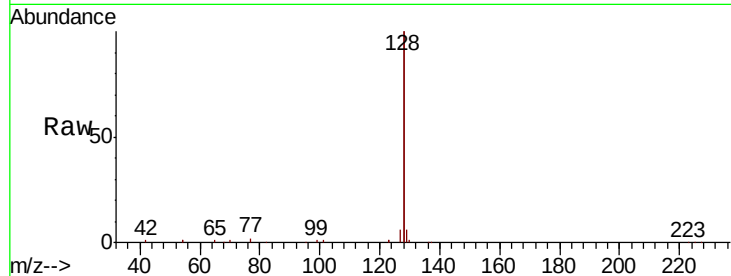




#9
Naphthalene
Concen: 0.395 ng
RT: 10.69 min Scan# 656
Delta R.T. 0.00 min
Lab File: BE100639.D
Acq: 11 Oct 2019 17:21

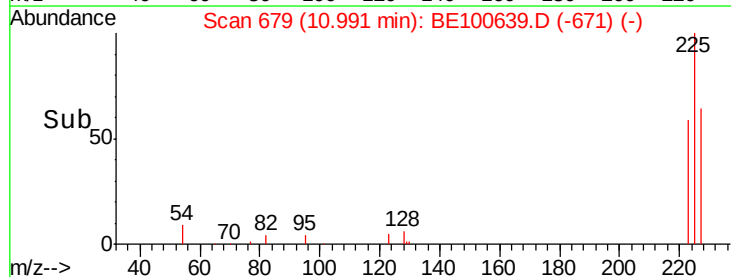
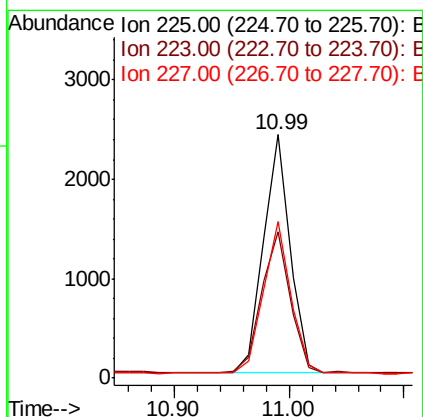
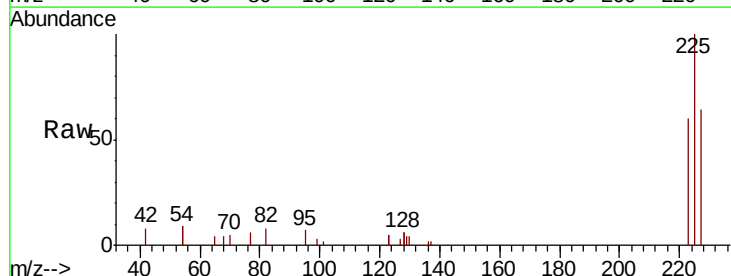
Instrument :
BNA_E
ClientSampleId :

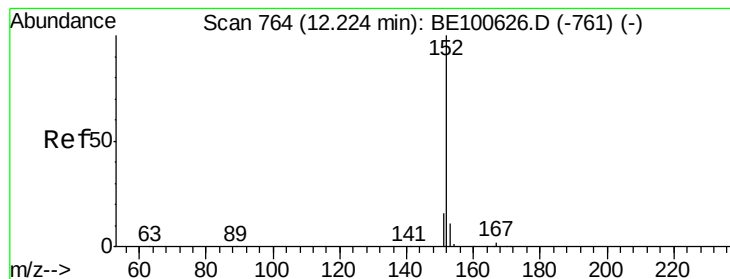
Tot Ion:128 Resp: 85647
Ion Ratio Lower Upper
128 100
129 2.9 2.4 3.6
127 3.2 2.6 3.8



#10
Hexachlorobutadiene
Concen: 0.414 ng
RT: 10.99 min Scan# 679
Delta R.T. 0.00 min
Lab File: BE100639.D
Acq: 11 Oct 2019 17:21

Tgt Ion:225 Resp: 3902
Ion Ratio Lower Upper
225 100
223 62.3 51.2 76.8
227 64.8 51.8 77.8

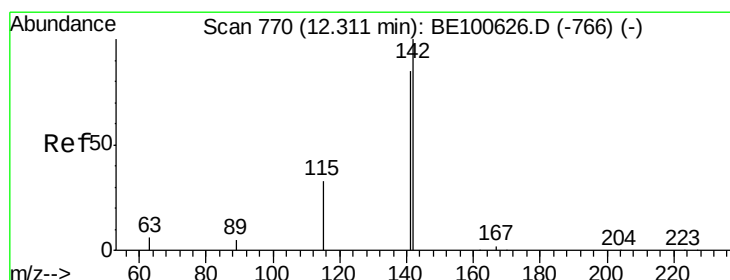
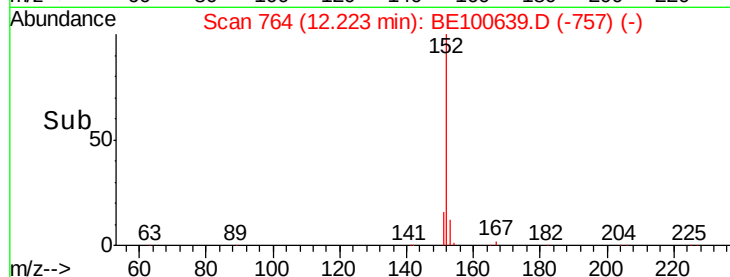
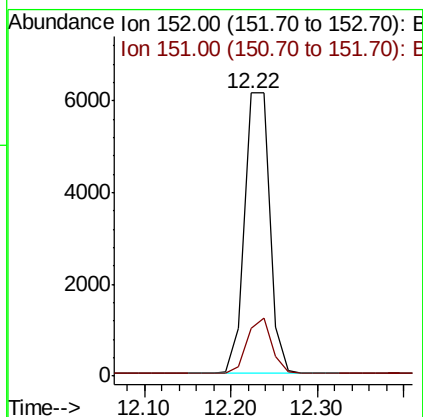
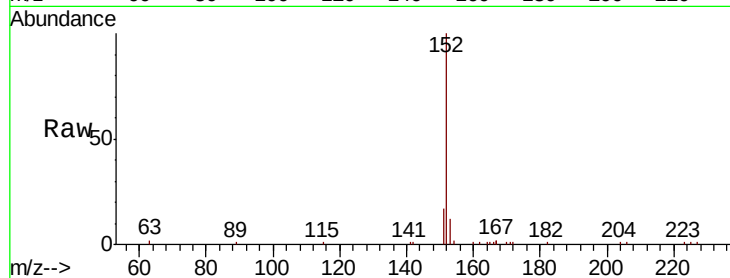




#11
 2-Methylnaphthalene-d10
 Concen: 0.380 ng
 RT: 12.22 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BE100639.D
 Acq: 11 Oct 2019 17:21

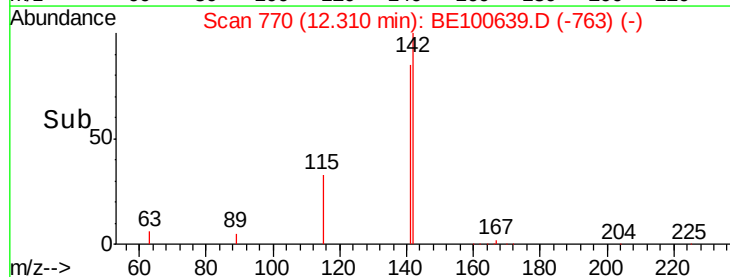
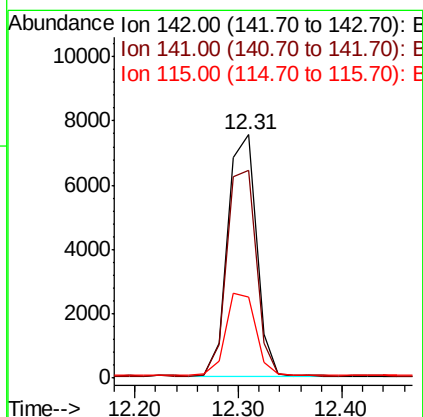
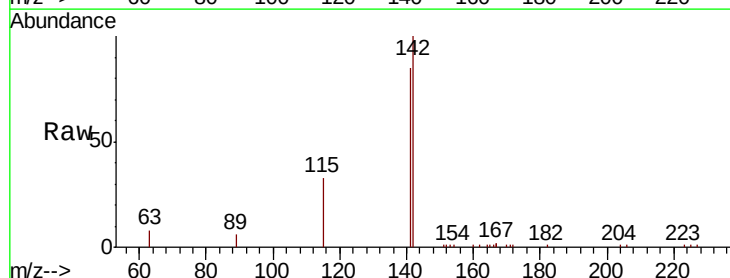
Instrument :
 BNA_E
 ClientSampleId :

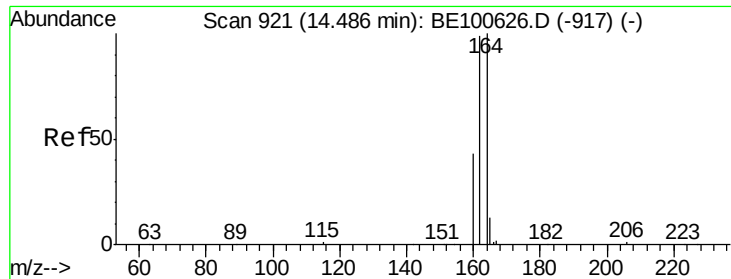
Tot Ion:152 Resp: 12381
 Ion Ratio Lower Upper
 152 100
 151 19.6 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.390 ng
 RT: 12.31 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BE100639.D
 Acq: 11 Oct 2019 17:21

Tgt Ion:142 Resp: 14434
 Ion Ratio Lower Upper
 142 100
 141 85.3 68.3 102.5
 115 33.5 27.5 41.3

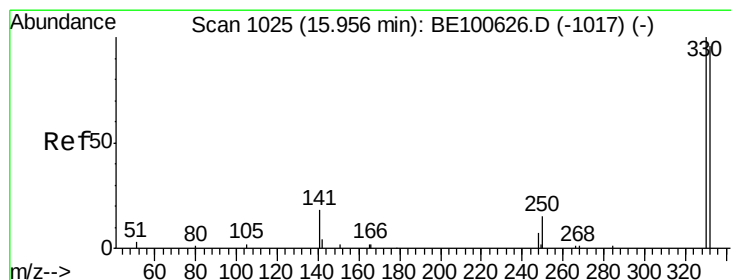
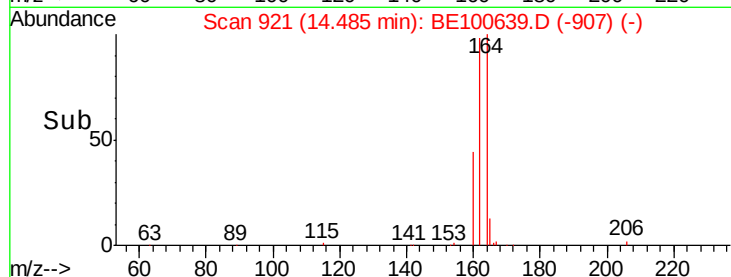
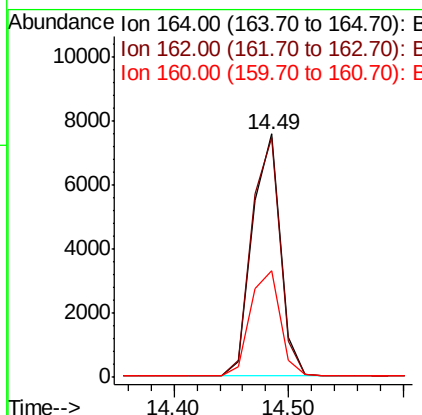
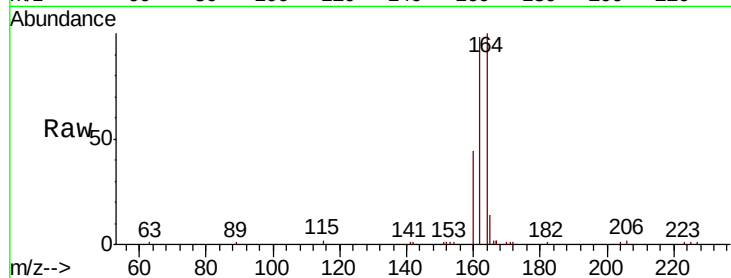




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE100639.D
Acq: 11 Oct 2019 17:21

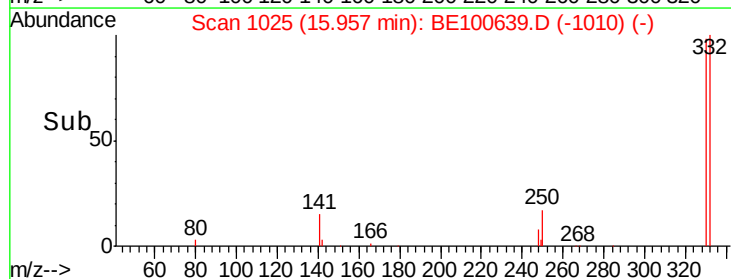
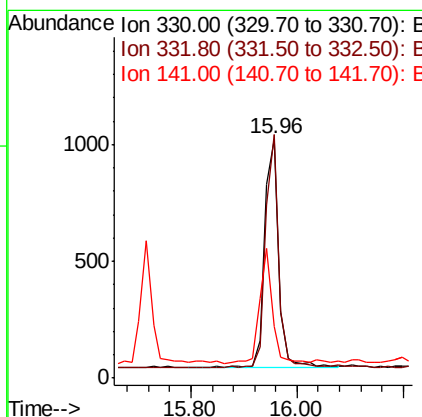
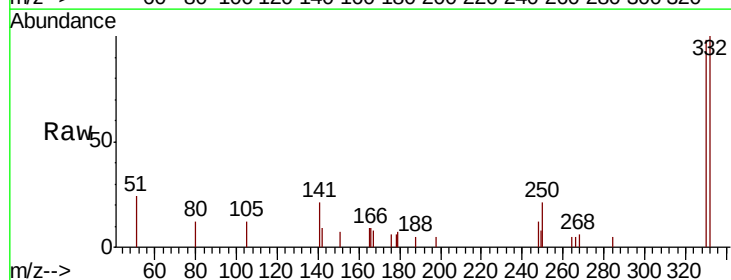
Instrument :
BNA_E
ClientSampleId :

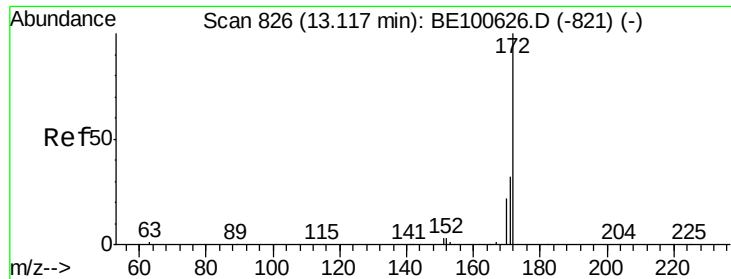
Tot Ion:164 Resp: 12747
Ion Ratio Lower Upper
164 100
162 98.3 79.1 118.7
160 43.9 34.7 52.1



#14
2,4,6-Tribromophenol
Concen: 0.540 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE100639.D
Acq: 11 Oct 2019 17:21

Tgt Ion:330 Resp: 1819
Ion Ratio Lower Upper
330 100
332 94.1 75.2 112.8
141 45.2 37.5 56.3

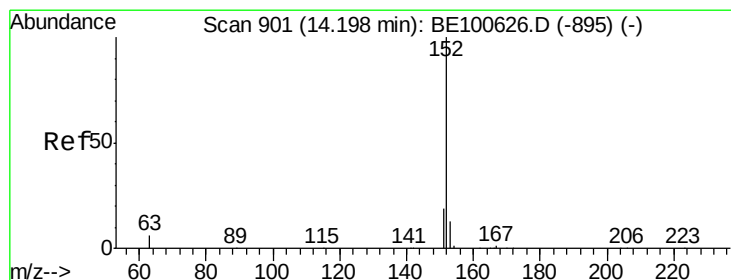
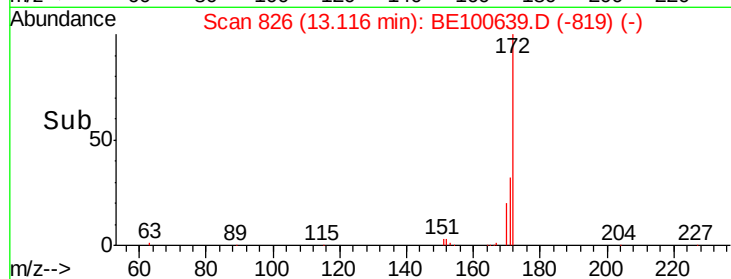
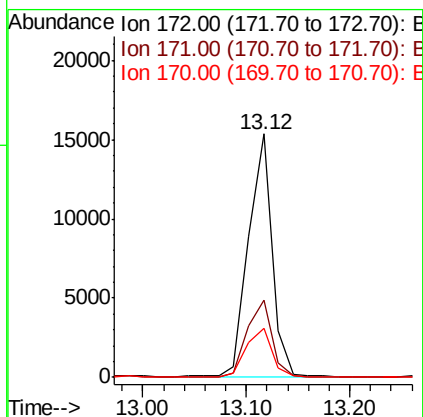
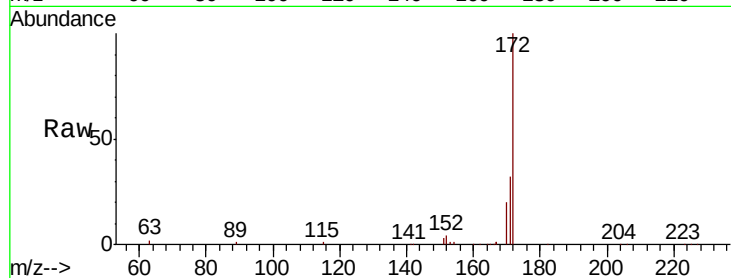




#15
2-Fluorobiphenyl
Concen: 0.517 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE100639.D
Acq: 11 Oct 2019 17:21

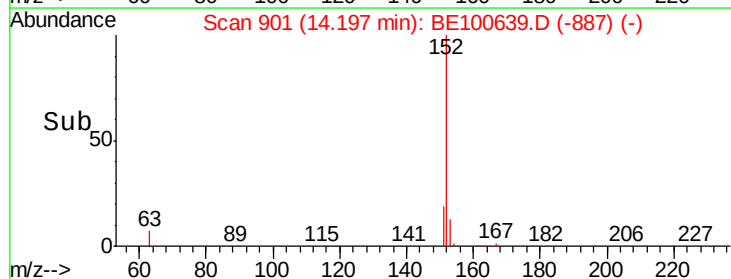
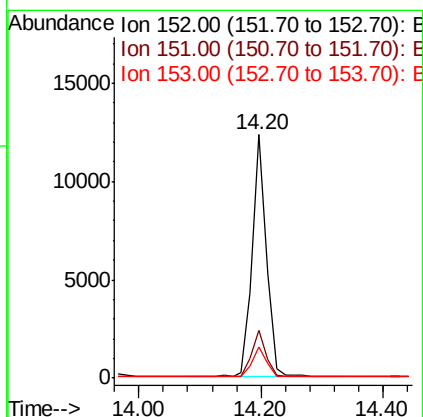
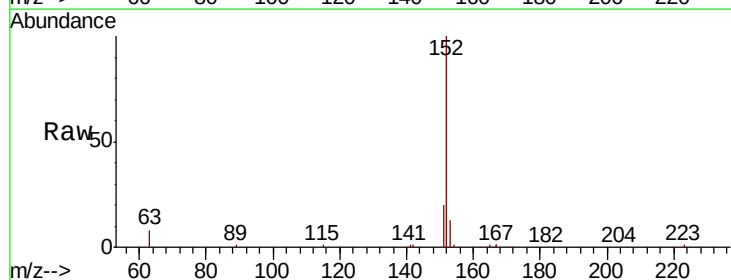
Instrument :
BNA_E
ClientSampleId :

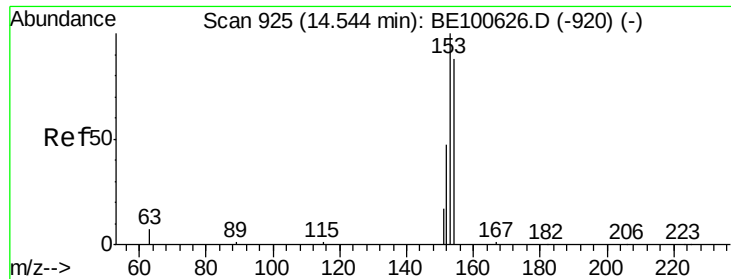
Tot Ion:172 Resp: 24024
Ion Ratio Lower Upper
172 100
171 31.9 26.2 39.4
170 20.4 17.5 26.3



#16
Acenaphthylene
Concen: 0.360 ng
RT: 14.20 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE100639.D
Acq: 11 Oct 2019 17:21

Tgt Ion:152 Resp: 19773
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 12.3 10.5 15.7

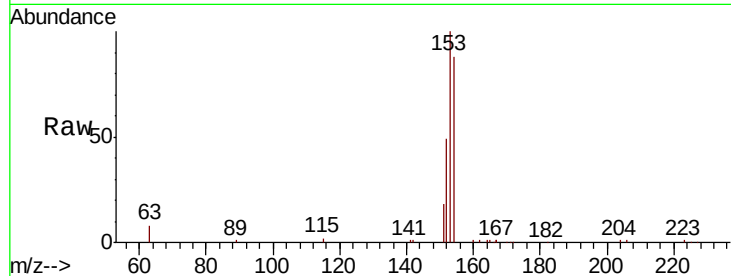




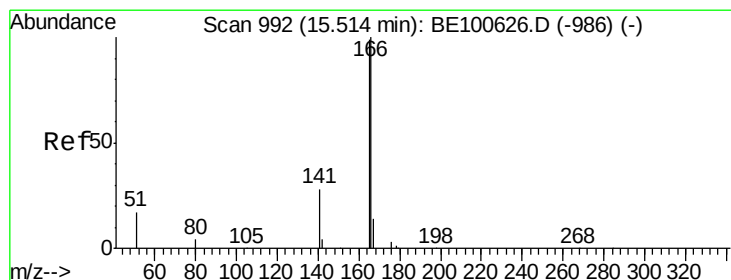
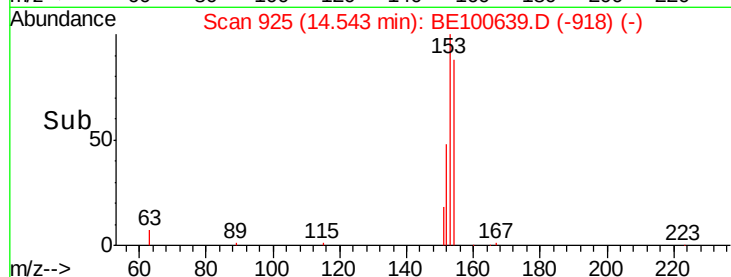
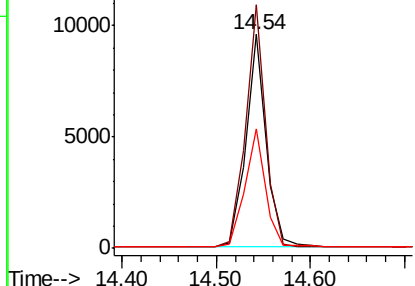
#17
Acenaphthene
Concen: 0.404 ng
RT: 14.54 min Scan# 925
Delta R.T. -0.00 min
Lab File: BE100639.D
Acq: 11 Oct 2019 17:21

Instrument :
BNA_E
ClientSampled :

Tot Ion:154 Resp: 14321
Ion Ratio Lower Upper
154 100
153 110.9 91.4 137.2
152 55.4 44.0 66.0

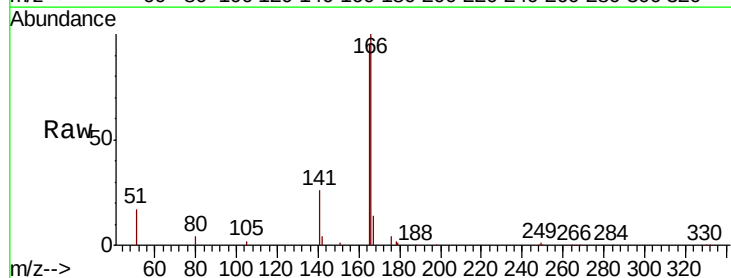


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

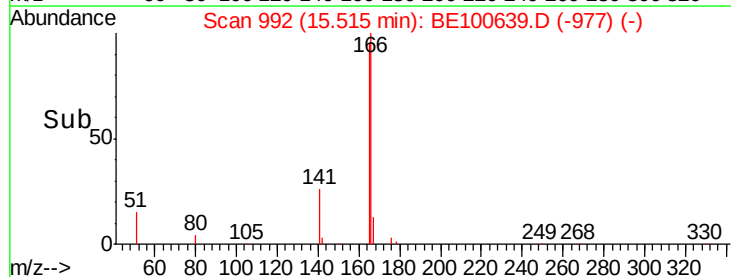
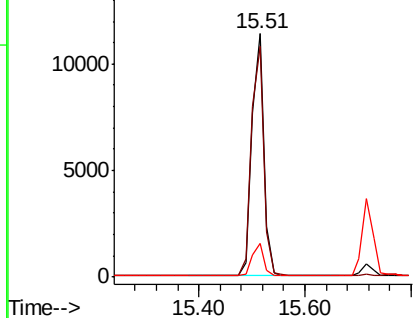


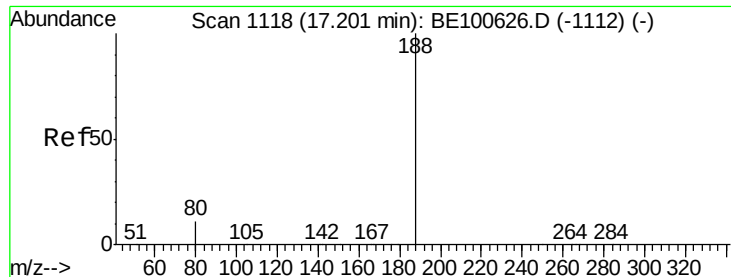
#18
Fluorene
Concen: 0.381 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE100639.D
Acq: 11 Oct 2019 17:21

Tgt Ion:166 Resp: 17958
Ion Ratio Lower Upper
166 100
165 97.9 78.9 118.3
167 12.9 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

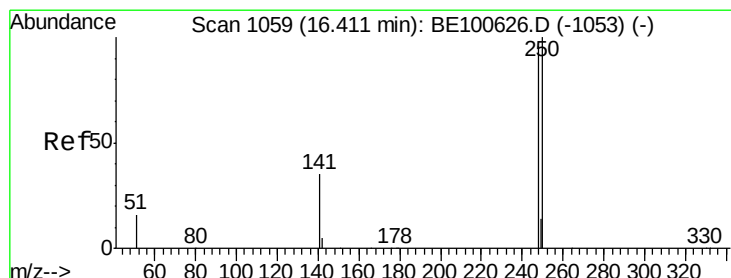
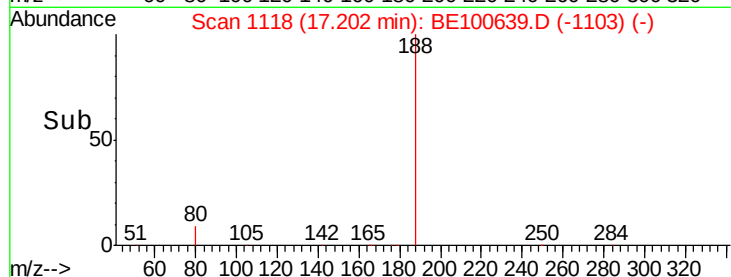
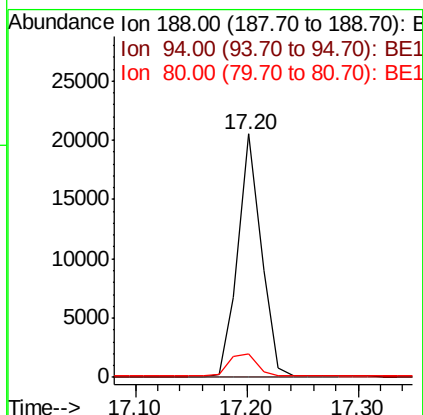
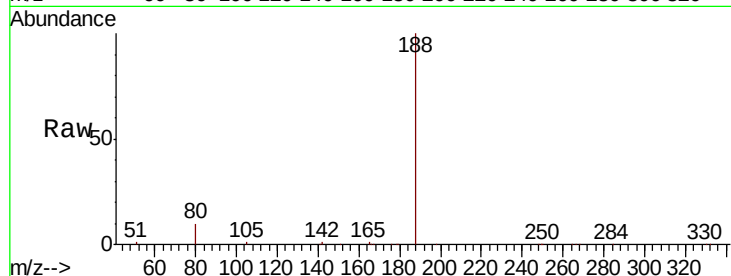




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BE100639.D
Acq: 11 Oct 2019 17:21

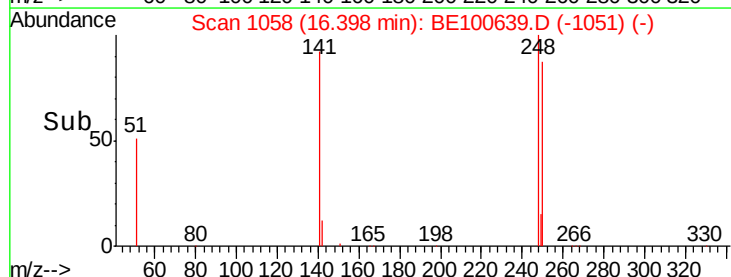
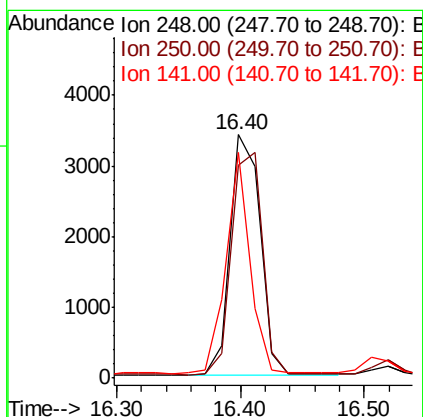
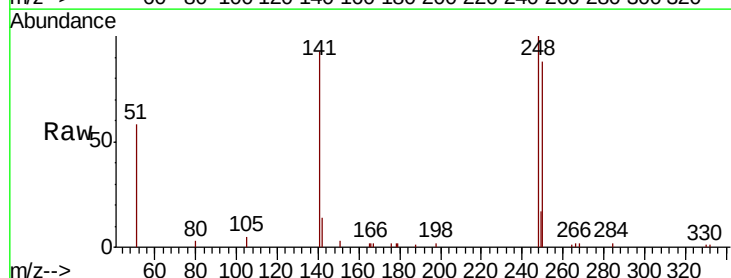
Instrument :
BNA_E
ClientSampleId :

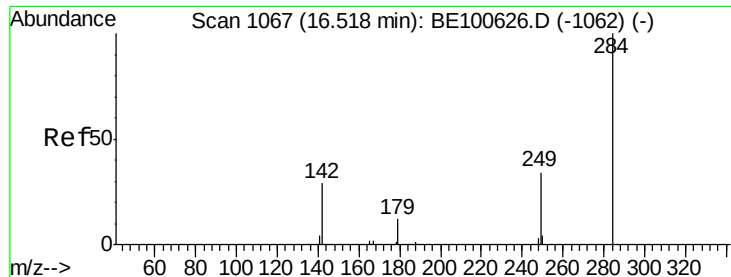
Tot Ion:188 Resp: 29957
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 9.4 14.2



#20
4-Bromophenyl-phenylether
Concen: 0.375 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE100639.D
Acq: 11 Oct 2019 17:21

Tgt Ion:248 Resp: 5713
Ion Ratio Lower Upper
248 100
250 87.6 83.4 125.2
141 92.5 30.8 46.2#





#21

Hexachlorobenzene

Concen: 0.398 ng

RT: 16.52 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BE100639.D

Acq: 11 Oct 2019 17:21

Instrument :

BNA_E

ClientSampleId :

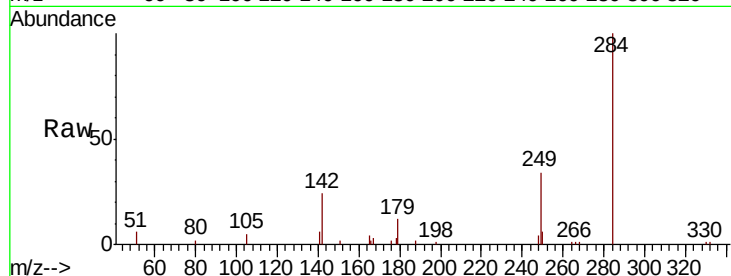
Tot Ion:284 Resp: 5787

Ion Ratio Lower Upper

284 100

142 36.3 29.8 44.8

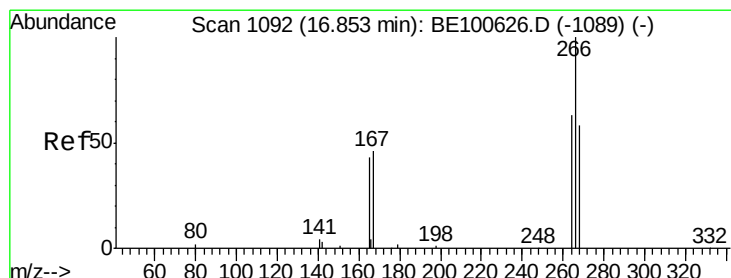
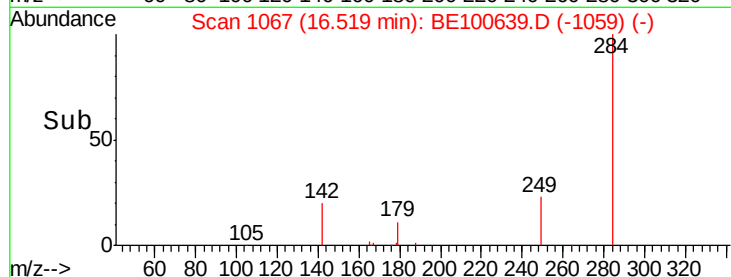
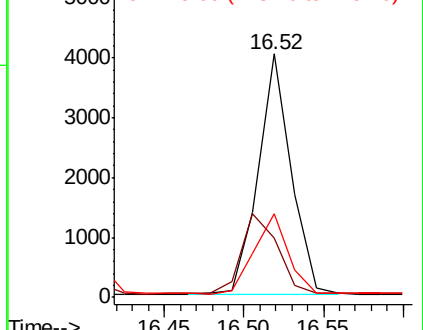
249 33.9 27.3 40.9



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: 0.496 ng

RT: 16.85 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE100639.D

Acq: 11 Oct 2019 17:21

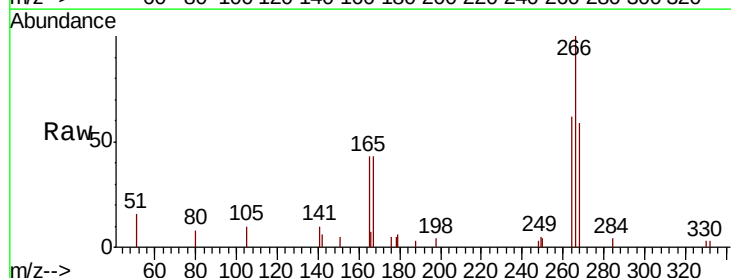
Tgt Ion:266 Resp: 2322

Ion Ratio Lower Upper

266 100

264 62.0 50.7 76.1

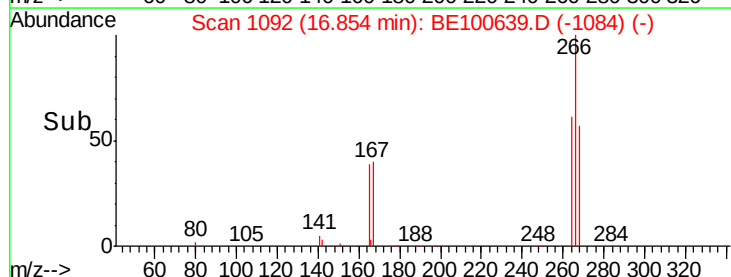
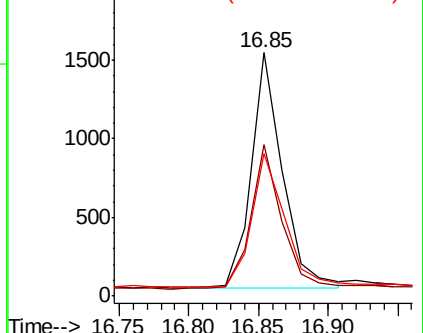
268 58.6 48.5 72.7

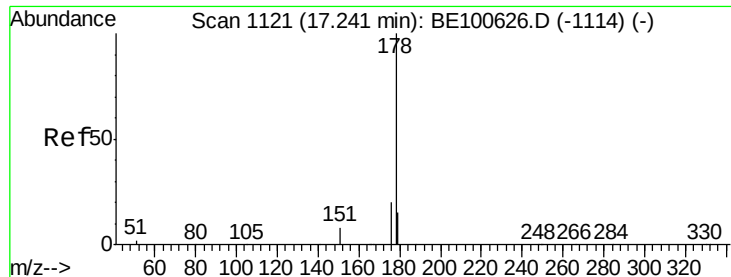


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

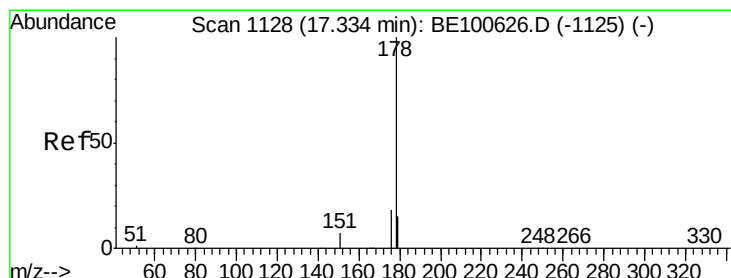
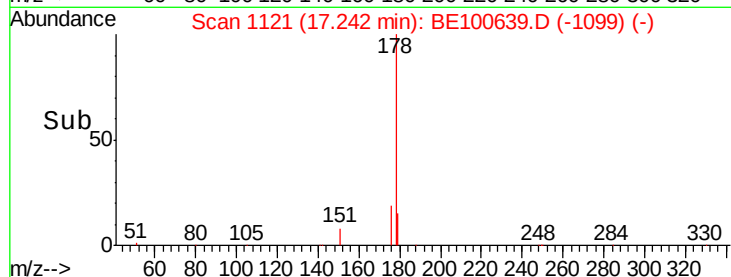
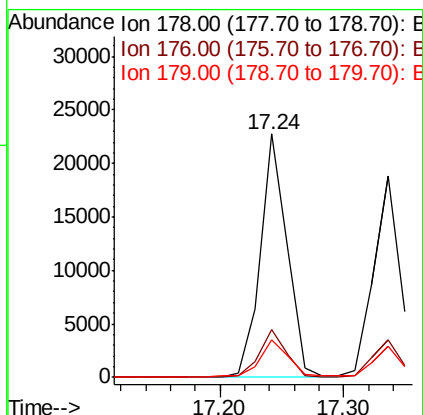
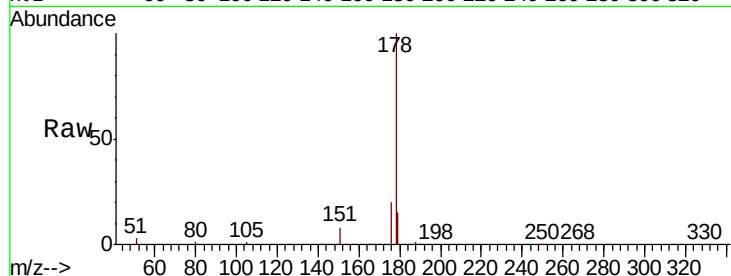




#23
Phenanthrene
Concen: 0.407 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.00 min
Lab File: BE100639.D
Acq: 11 Oct 2019 17:21

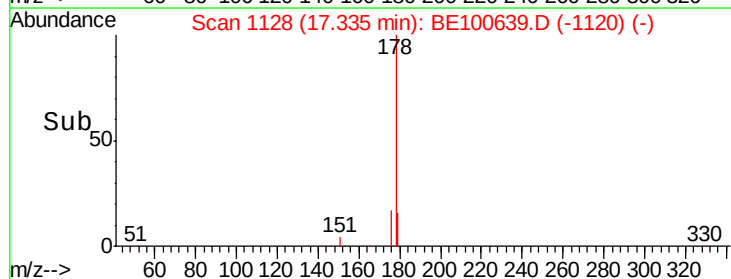
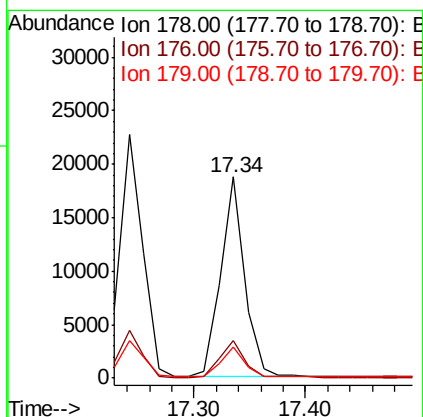
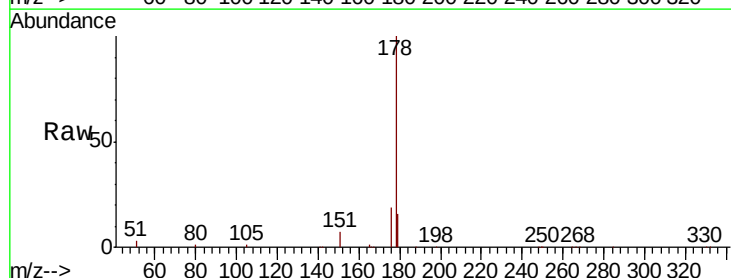
Instrument :
BNA_E
ClientSampleId :

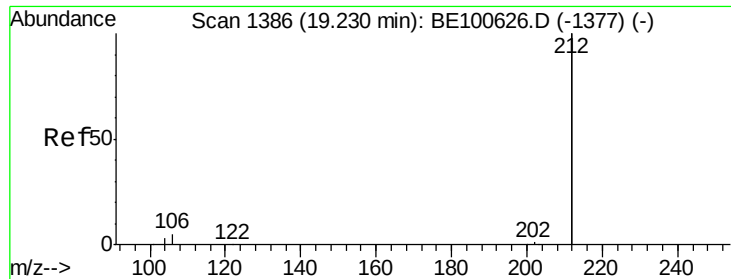
Tot Ion:178 Resp: 33561
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.4 12.4 18.6



#24
Anthracene
Concen: 0.366 ng
RT: 17.34 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BE100639.D
Acq: 11 Oct 2019 17:21

Tgt Ion:178 Resp: 27995
Ion Ratio Lower Upper
178 100
176 18.5 14.5 21.7
179 15.2 12.4 18.6

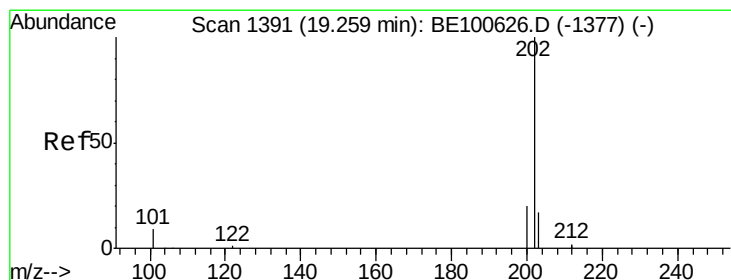
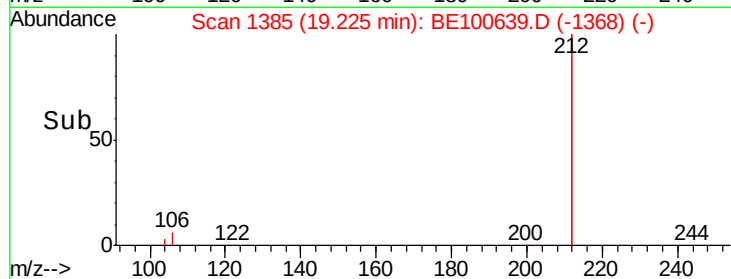
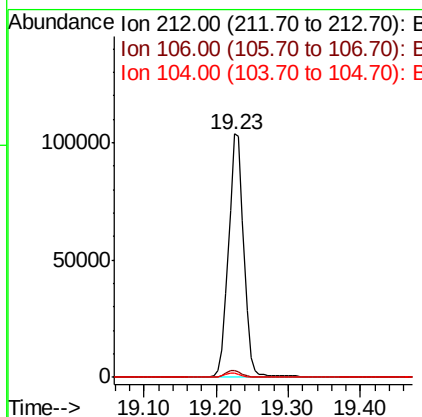
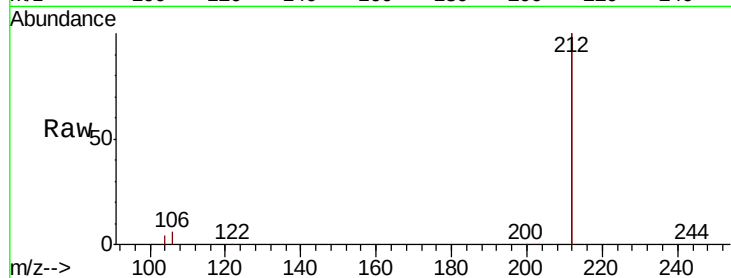




#25
 Fluoranthene-d10
 Concen: 0.391 ng
 RT: 19.23 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BE100639.D
 Acq: 11 Oct 2019 17:21

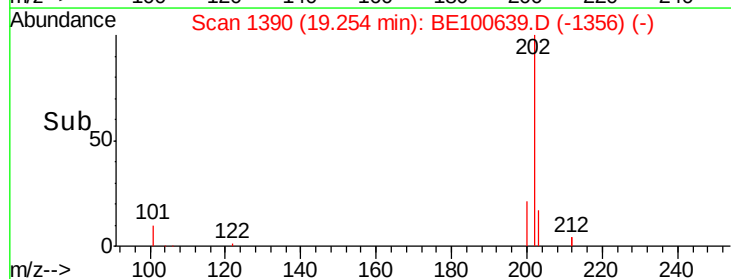
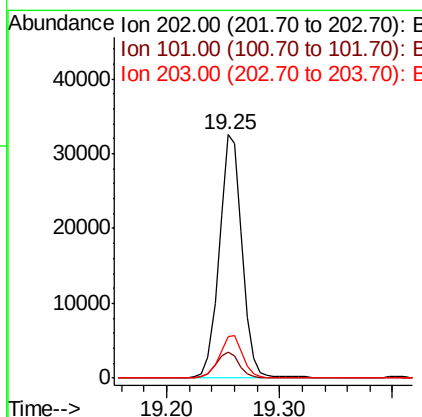
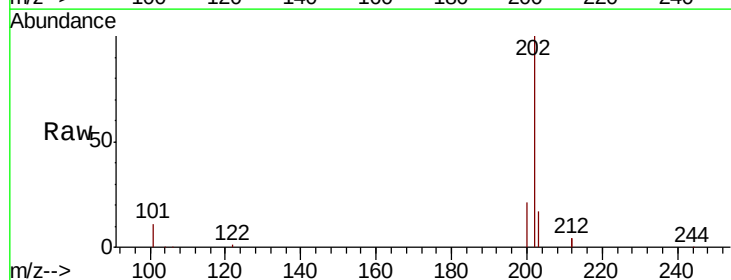
Instrument :
 BNA_E
 ClientSampled :

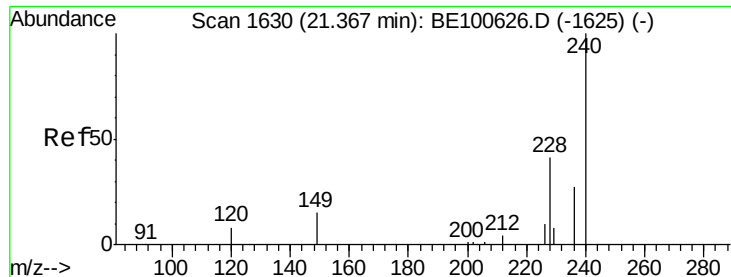
Tot Ion:212 Resp: 151163
 Ion Ratio Lower Upper
 212 100
 106 2.8 2.2 3.4
 104 1.6 1.3 1.9



#26
 Fluoranthene
 Concen: 0.419 ng
 RT: 19.25 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BE100639.D
 Acq: 11 Oct 2019 17:21

Tgt Ion:202 Resp: 45012
 Ion Ratio Lower Upper
 202 100
 101 10.6 8.4 12.6
 203 17.2 13.8 20.6





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.37 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BE100639.D

Acq: 11 Oct 2019 17:21

Instrument :

BNA_E

ClientSampleId :

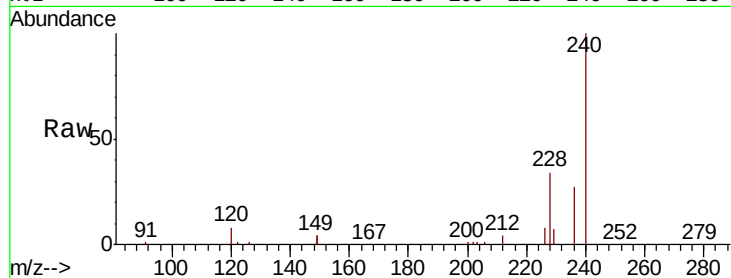
Tot Ion:240 Resp: 45407

Ion Ratio Lower Upper

240 100

120 8.1 7.4 11.0

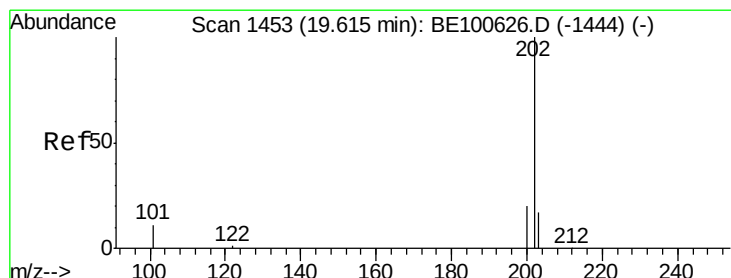
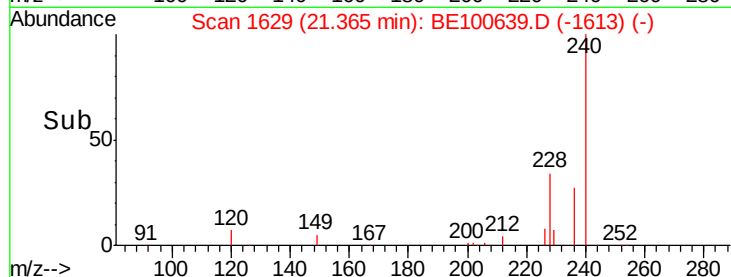
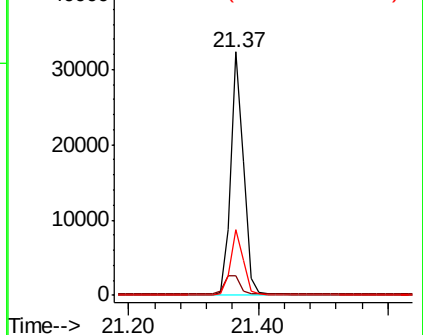
236 27.1 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.370 ng

RT: 19.62 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BE100639.D

Acq: 11 Oct 2019 17:21

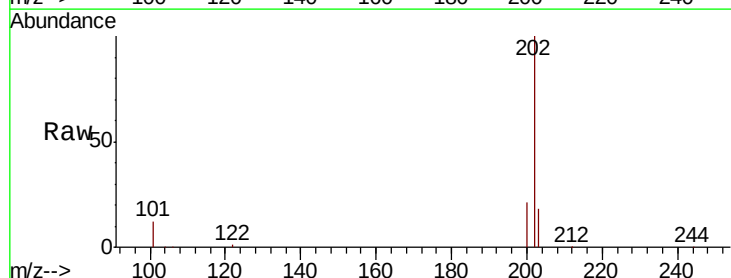
Tgt Ion:202 Resp: 46914

Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

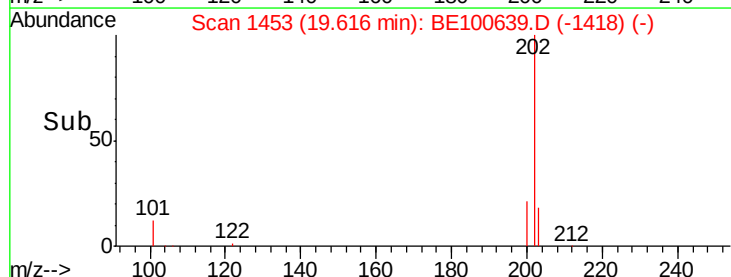
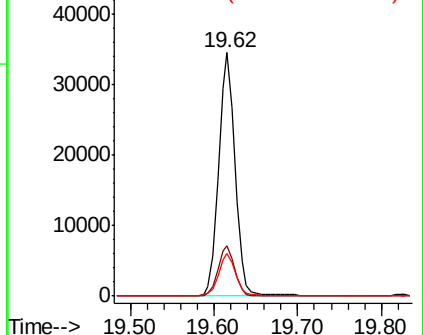
203 17.7 13.9 20.9

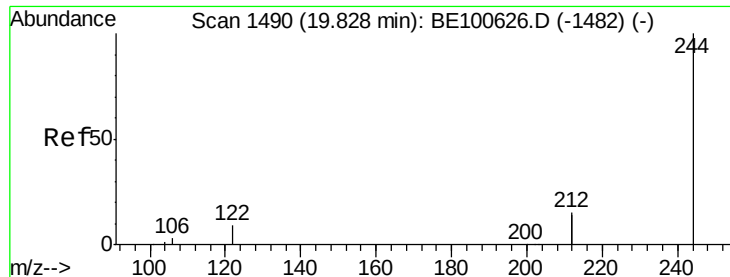


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.478 ng

RT: 19.83 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BE100639.D

Acq: 11 Oct 2019 17:21

Instrument :

BNA_E

ClientSampled :

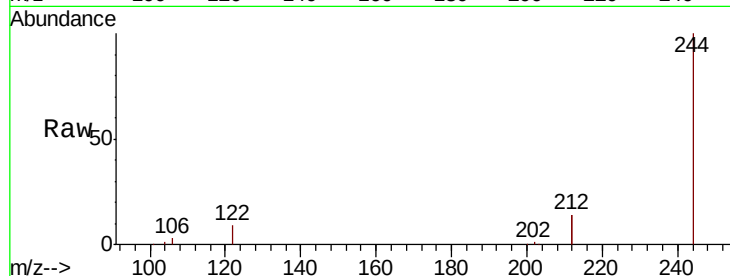
Tot Ion:244 Resp: 47470

Ion Ratio Lower Upper

244 100

212 28.8 23.9 35.9

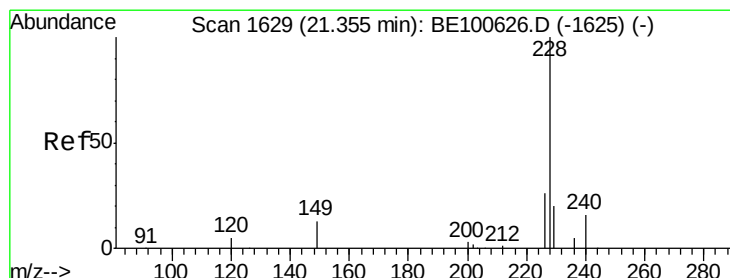
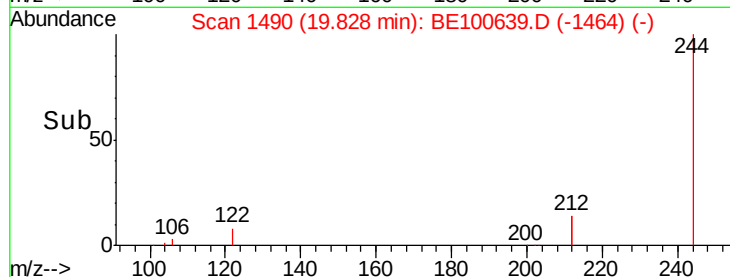
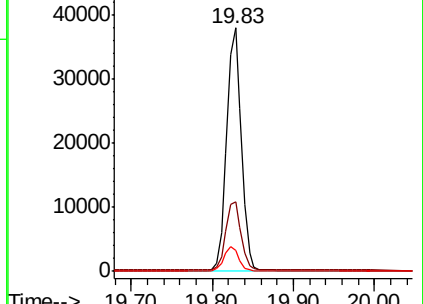
122 8.5 7.7 11.5



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: 0.377 ng

RT: 21.35 min Scan# 1628

Delta R.T. -0.00 min

Lab File: BE100639.D

Acq: 11 Oct 2019 17:21

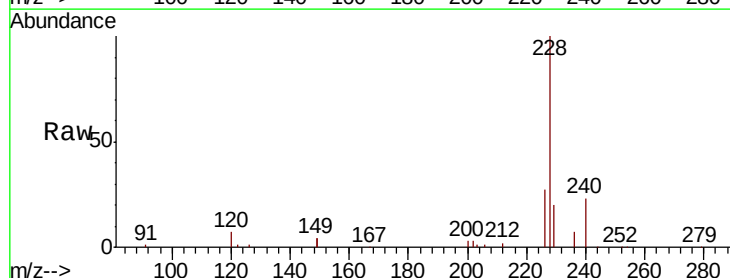
Tgt Ion:228 Resp: 55862

Ion Ratio Lower Upper

228 100

226 26.8 21.0 31.6

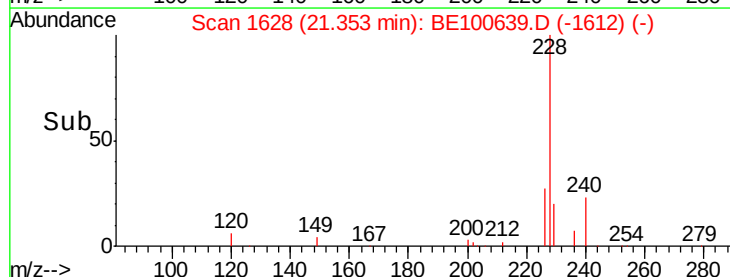
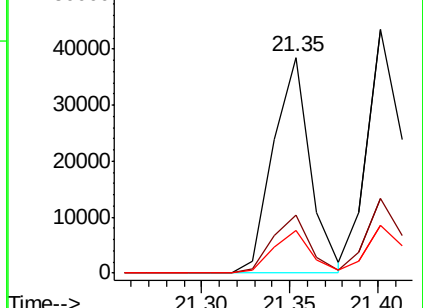
229 19.8 15.8 23.8

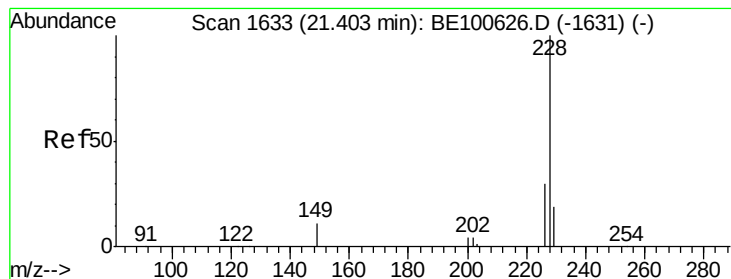


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.397 ng

RT: 21.40 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BE100639.D

Acq: 11 Oct 2019 17:21

Instrument :

BNA_E

ClientSampled :

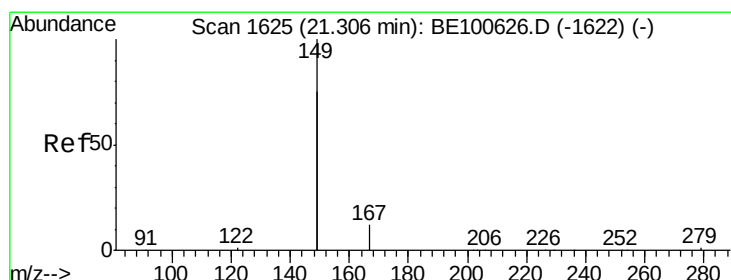
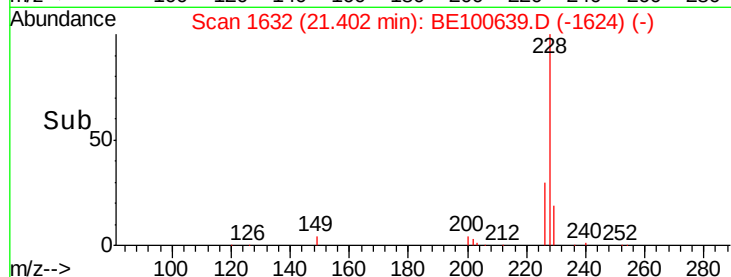
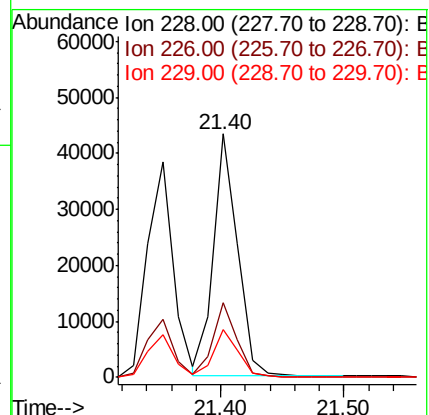
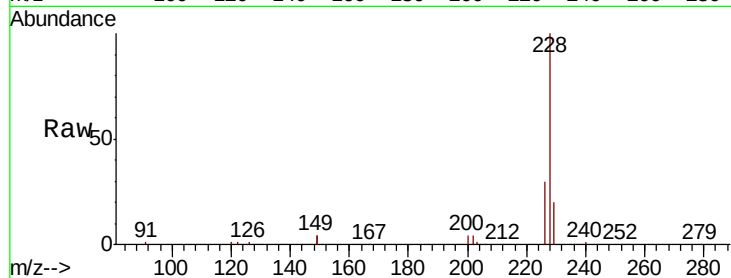
Tot Ion:228 Resp: 58780

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

229 19.6 15.6 23.4



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.278 ng

RT: 21.30 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE100639.D

Acq: 11 Oct 2019 17:21

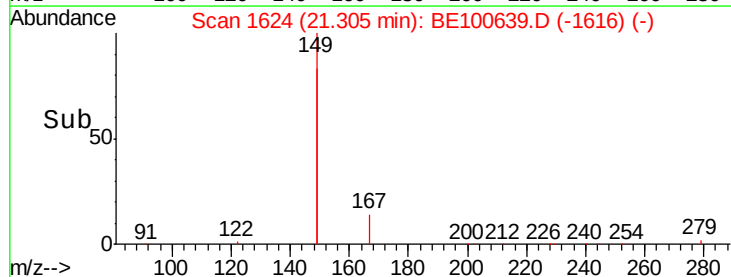
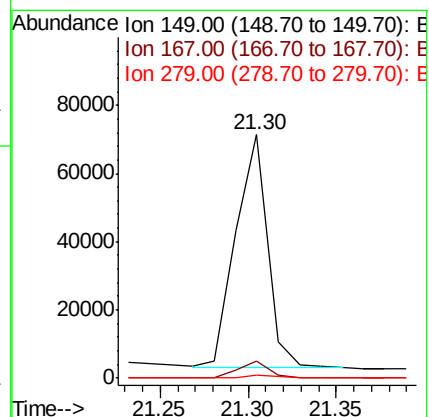
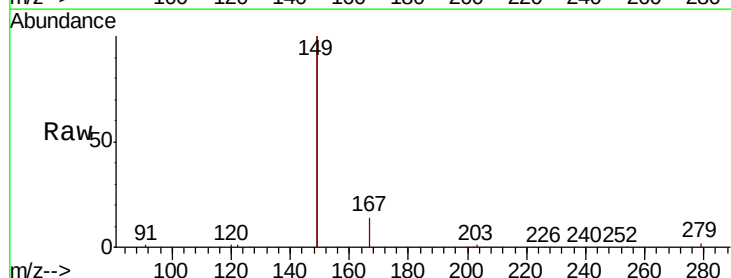
Tgt Ion:149 Resp: 86045

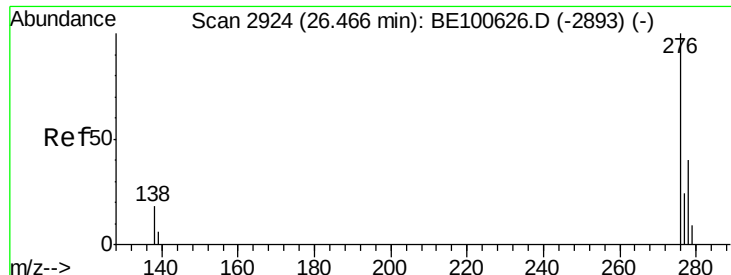
Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.2

279 1.0 1.5 2.3#

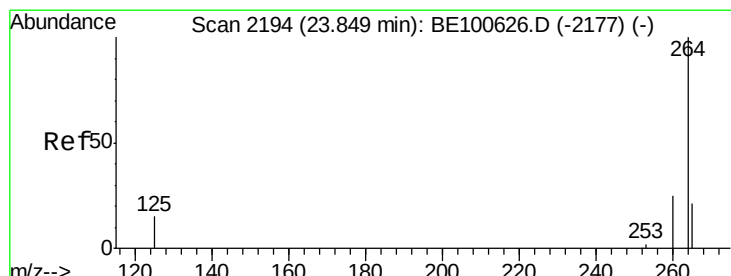
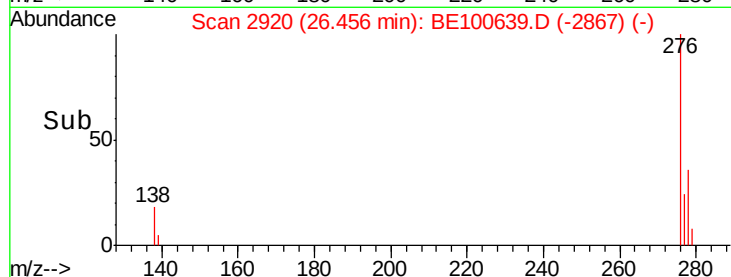
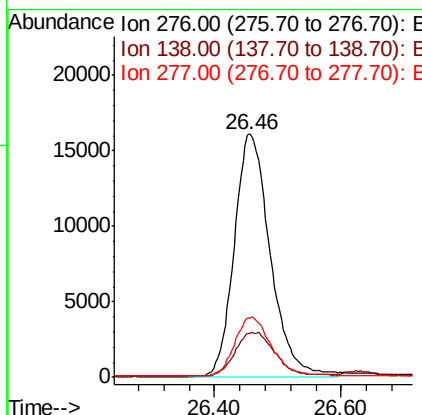
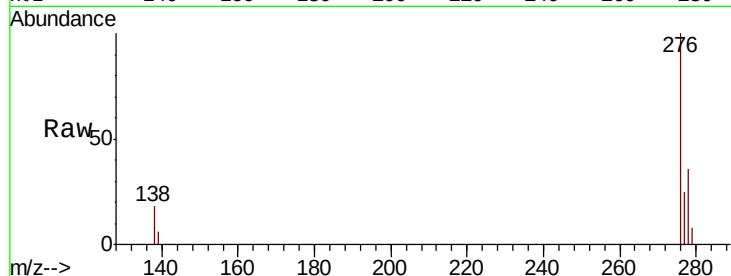




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.346 ng
 RT: 26.46 min Scan# 2920
 Delta R.T. -0.01 min
 Lab File: BE100639.D
 Acq: 11 Oct 2019 17:21

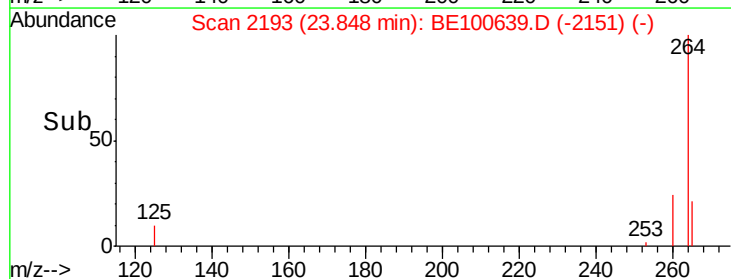
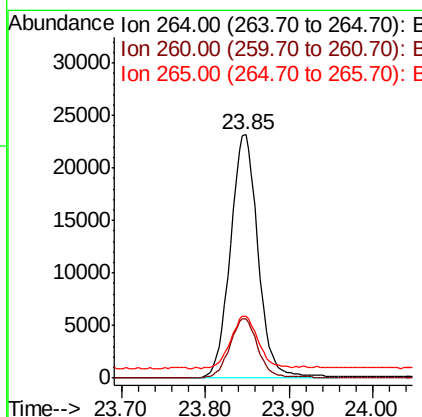
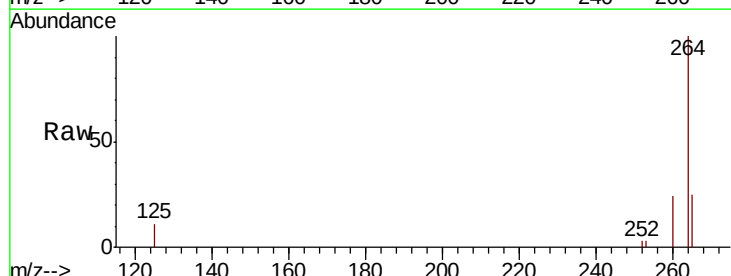
Instrument :
 BNA_E
 ClientSampleId :

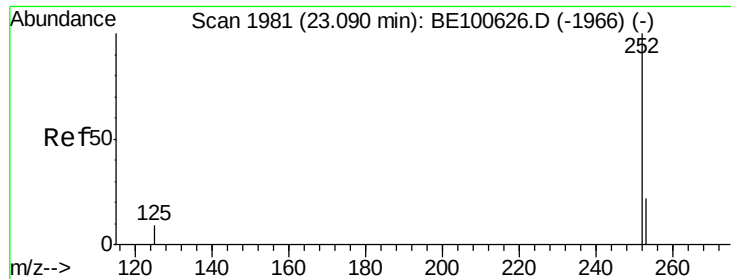
Tot Ion:276 Resp: 63026
 Ion Ratio Lower Upper
 276 100
 138 19.8 16.0 24.0
 277 24.7 19.7 29.5



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.85 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: BE100639.D
 Acq: 11 Oct 2019 17:21

Tgt Ion:264 Resp: 52731
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.9 29.9
 265 25.3 20.0 30.0

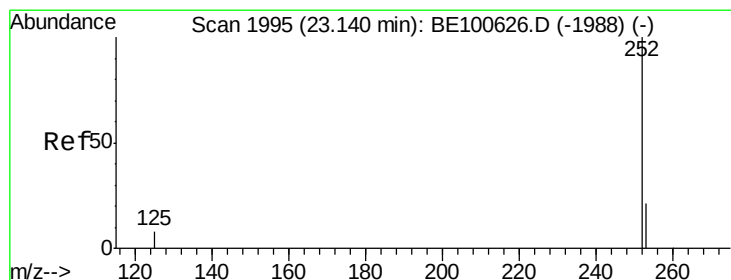
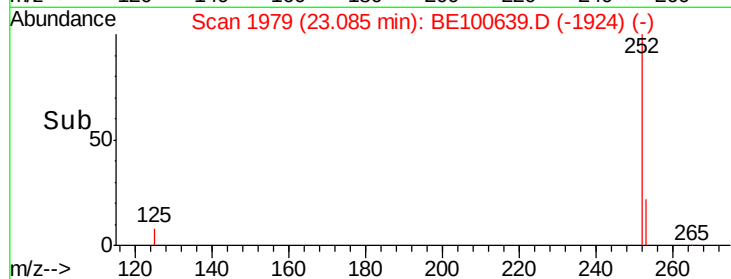
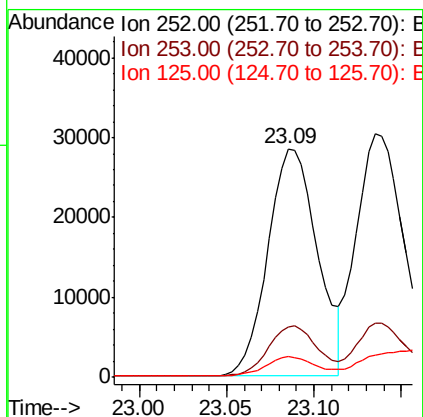
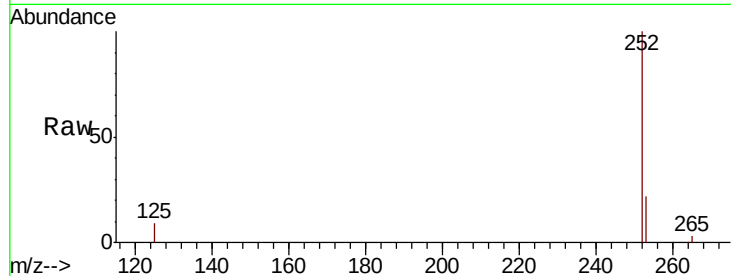




#35
Benzo(b)fluoranthene
Concen: 0.366 ng
RT: 23.09 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BE100639.D
Acq: 11 Oct 2019 17:21

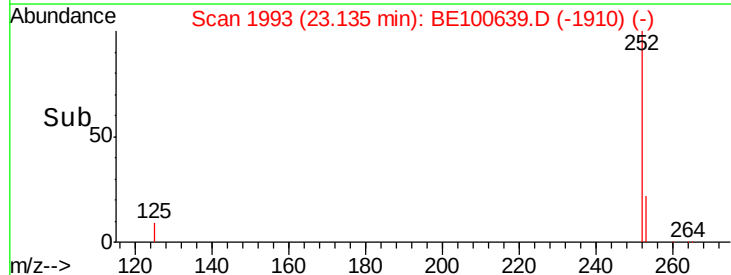
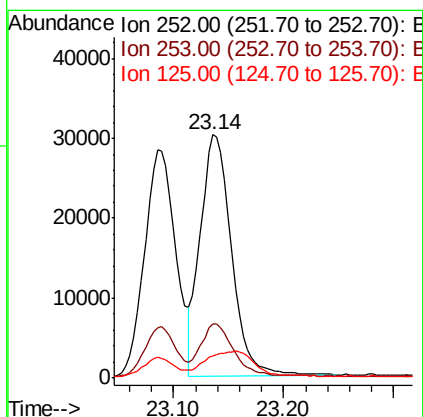
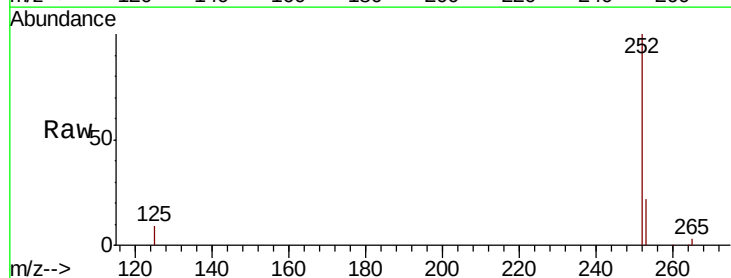
Instrument :
BNA_E
ClientSampleId :

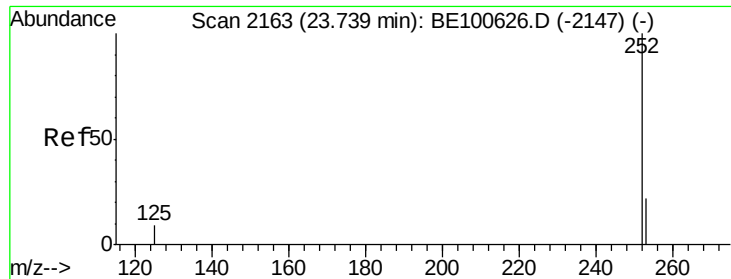
Tot Ion:252 Resp: 56328
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 9.2 7.6 11.4



#36
Benzo(k)fluoranthene
Concen: 0.375 ng
RT: 23.14 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BE100639.D
Acq: 11 Oct 2019 17:21

Tgt Ion:252 Resp: 59301
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 9.3 7.6 11.4





#37

Benzo(a)pyrene

Concen: 0.344 ng

RT: 23.73 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BE100639.D

Acq: 11 Oct 2019 17:21

Instrument :

BNA_E

ClientSampleId :

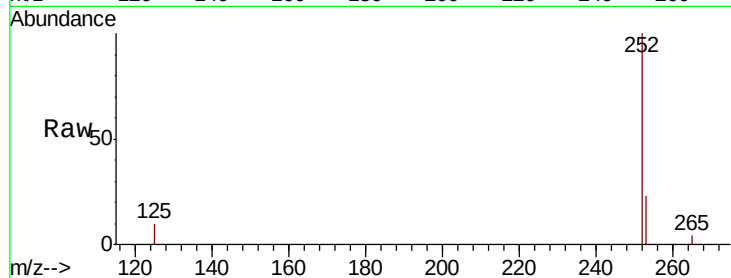
Tot Ion:252 Resp: 49219

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

125 9.9 8.1 12.1

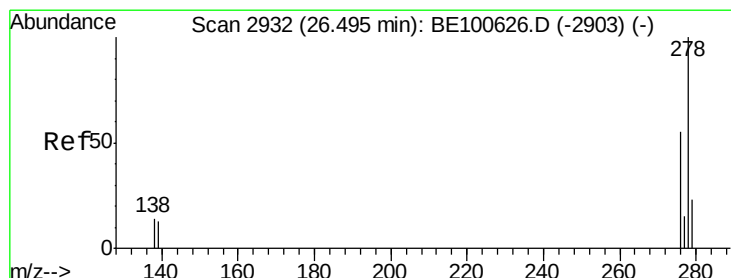
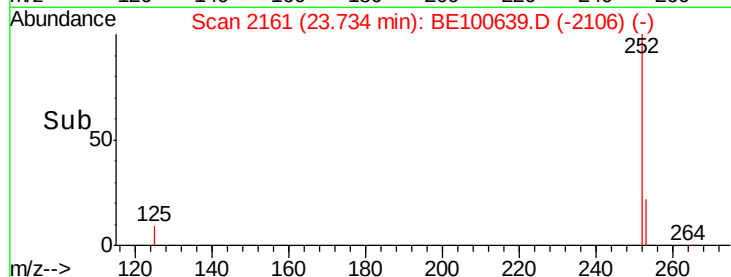
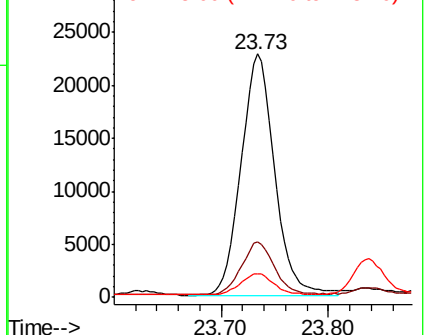


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.345 ng

RT: 26.48 min Scan# 2928

Delta R.T. -0.01 min

Lab File: BE100639.D

Acq: 11 Oct 2019 17:21

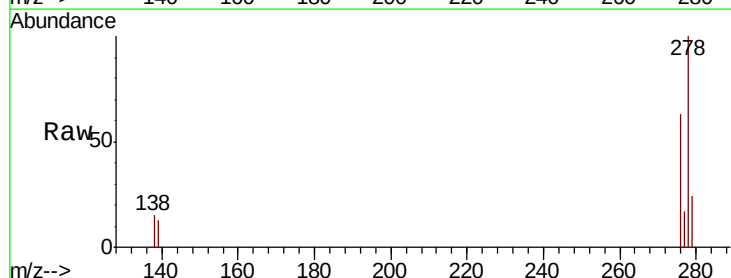
Tgt Ion:278 Resp: 51083

Ion Ratio Lower Upper

278 100

139 13.3 11.2 16.8

279 24.0 19.0 28.6

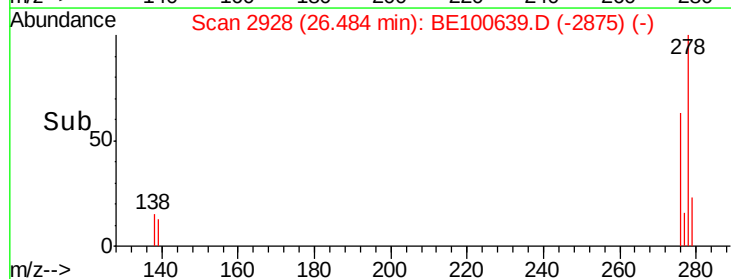
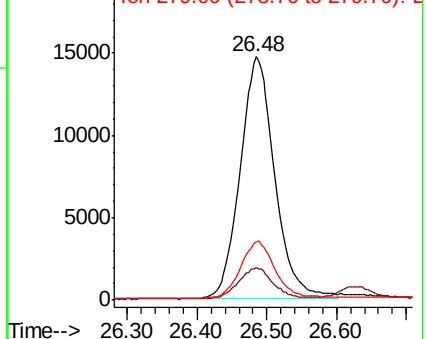


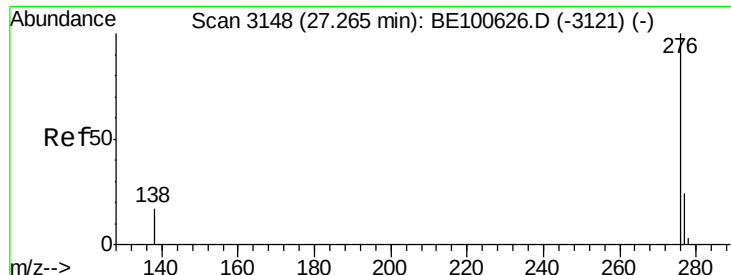
Abundance

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: 0.366 ng

RT: 27.26 min Scan# 3145

Delta R.T. -0.01 min

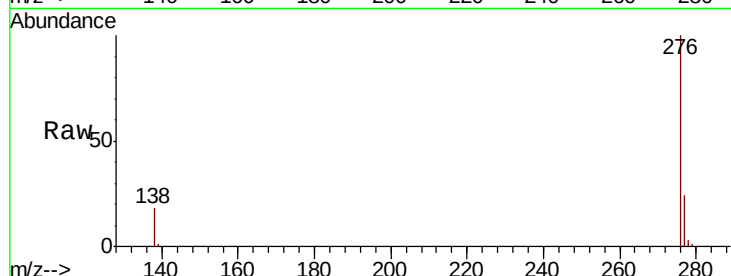
Lab File: BE100639.D

Acq: 11 Oct 2019 17:21

Instrument :

BNA_E

ClientSampleId :



Tot Ion: 276 Resp: 54424

Ion Ratio Lower Upper

276 100

277 23.9 19.3 28.9

138 18.2 14.5 21.7

