

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE112119\
 Data File : BE100754.D
 Acq On : 21 Nov 2019 21:35
 Operator : JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE112119

Quant Time: Nov 22 06:44:44 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	4952	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	21592	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	11406	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	25518	0.40	ng	0.00
27) Chrysene-d12	21.32	240	29755	0.40	ng	0.00
34) Perylene-d12	23.77	264	29581	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	5322	0.40	ng	0.00
5) Phenol-d6	6.93	99	7722	0.40	ng	0.00
8) Nitrobenzene-d5	8.90	82	3230	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	12695	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	673	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	18411	0.42	ng	0.00
25) Fluoranthene-d10	19.17	212	117719	0.38	ng	0.00
29) Terphenyl-d14	19.77	244	26321	0.38	ng	0.00

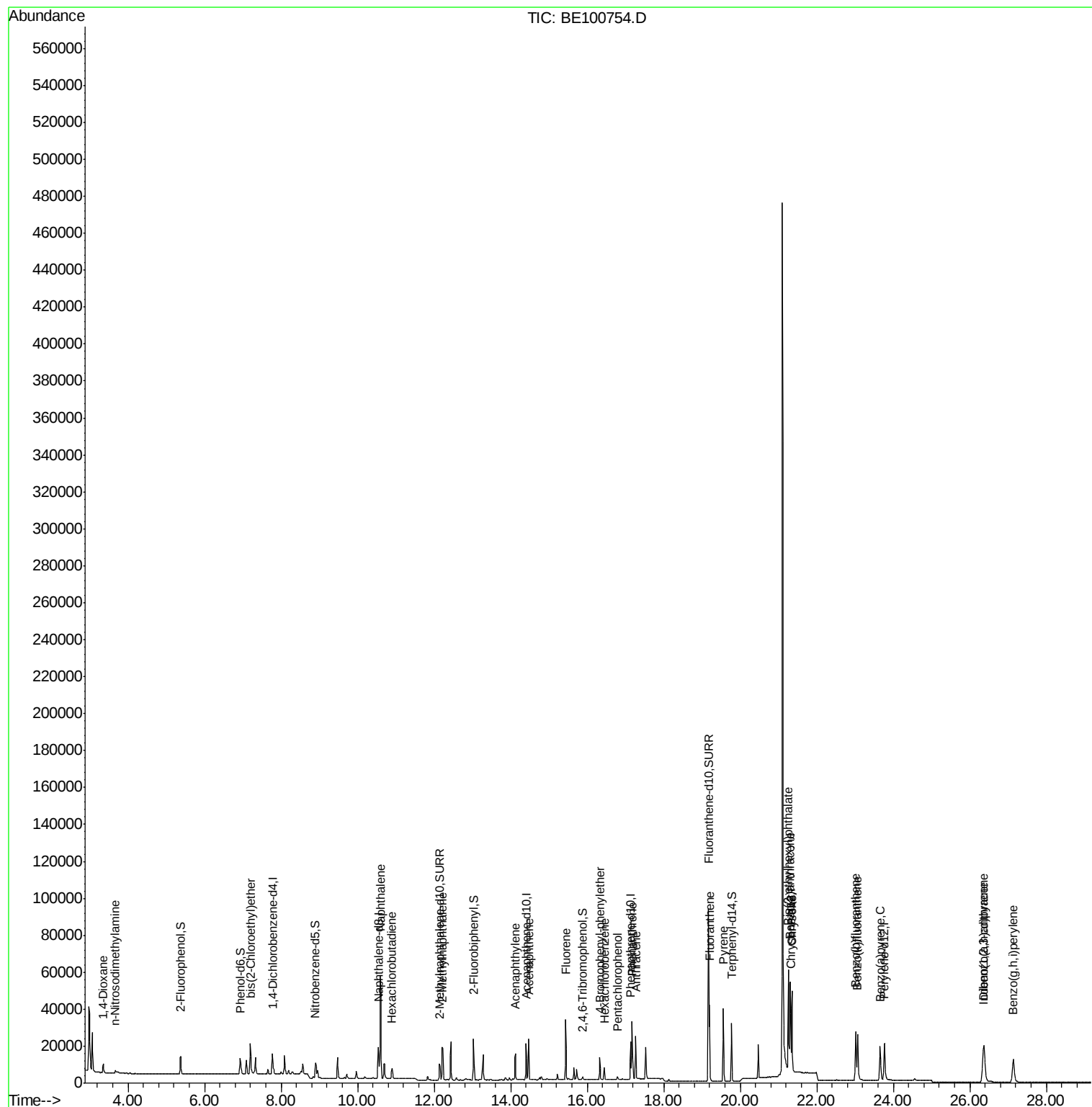
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.35	88	3684	0.397	ng	95
3) n-Nitrosodimethylamine	3.66	42	2034	0.406	ng	# 79
6) bis(2-Chloroethyl)ether	7.19	93	6373	0.393	ng	98
9) Naphthalene	10.59	128	93787	0.409	ng	100
10) Hexachlorobutadiene	10.90	225	3627	0.412	ng	99
12) 2-Methylnaphthalene	12.22	142	14384	0.397	ng	97
16) Acenaphthylene	14.12	152	18601	0.379	ng	99
17) Acenaphthene	14.47	154	13094	0.398	ng	100
18) Fluorene	15.43	166	16537	0.393	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	4936	0.393	ng	94
21) Hexachlorobenzene	16.45	284	5305	0.405	ng	99
22) Pentachlorophenol	16.79	266	798	0.454	ng	93
23) Phenanthrene	17.17	178	30915	0.402	ng	99
24) Anthracene	17.27	178	24885	0.376	ng	100
26) Fluoranthene	19.20	202	35699	0.380	ng	100
28) Pyrene	19.56	202	35579	0.386	ng	100
30) Benzo(a)anthracene	21.29	228	38037	0.379	ng	98
31) Chrysene	21.35	228	41234	0.404	ng	99
32) Bis(2-ethylhexyl)phthalate	21.26	149	57051	0.413	ng	98
33) Indeno(1,2,3-cd)pyrene	26.34	276	35427	0.377	ng	100
35) Benzo(b)fluoranthene	23.02	252	34600	0.373	ng	99
36) Benzo(k)fluoranthene	23.07	252	36790	0.380	ng	99
37) Benzo(a)pyrene	23.66	252	29812	0.364	ng	99
38) Dibenzo(a,h)anthracene	26.38	278	28993	0.337	ng	99
39) Benzo(g,h,i)perylene	27.14	276	31200	0.382	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: BE100754.D

Acq: 21 Nov 2019 21:35

Instrument :

BNA_E

ClientSampleId :

ICVBE112119

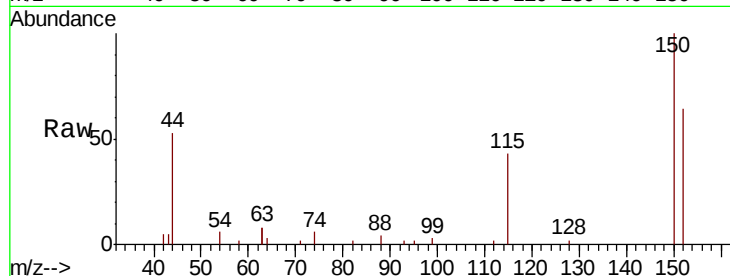
Tot Ion:152 Resp: 4952

Ion Ratio Lower Upper

152 100

150 156.3 127.1 190.7

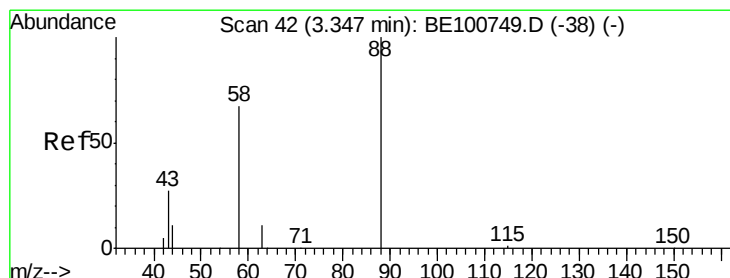
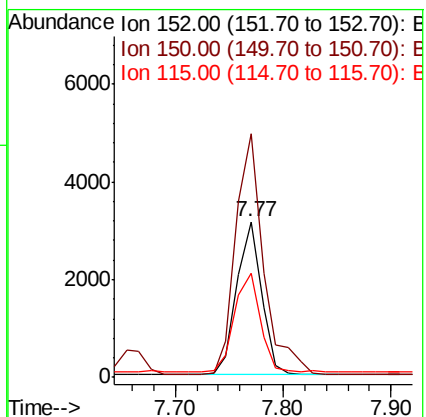
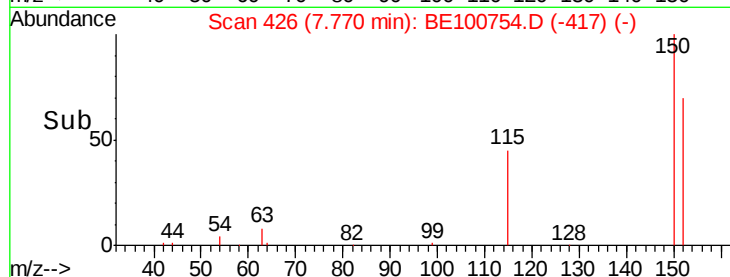
115 66.9 53.0 79.4



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: 0.397 ng

RT: 3.35 min Scan# 42

Delta R.T. 0.00 min

Lab File: BE100754.D

Acq: 21 Nov 2019 21:35

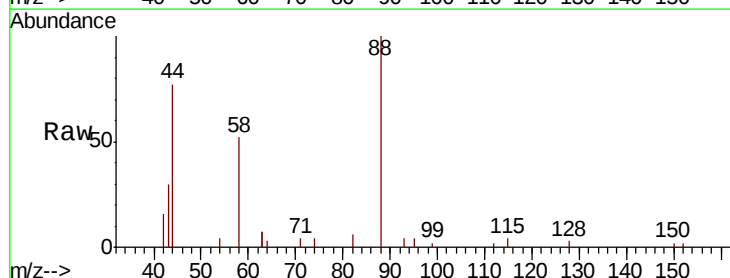
Tgt Ion: 88 Resp: 3684

Ion Ratio Lower Upper

88 100

58 70.8 60.7 91.1

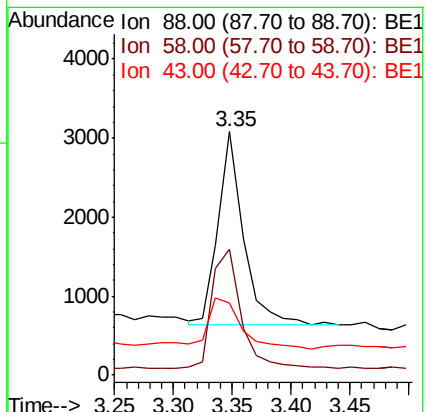
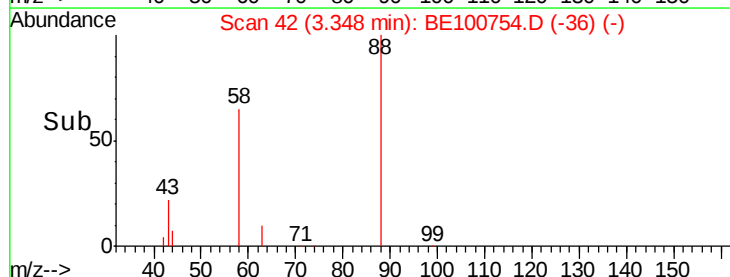
43 32.9 27.4 41.2

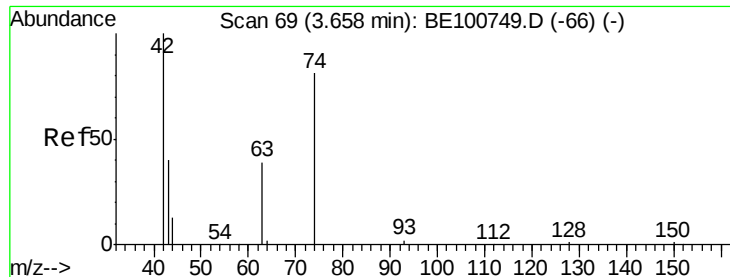


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.406 ng

RT: 3.66 min Scan# 69

Delta R.T. 0.00 min

Lab File: BE100754.D

Acq: 21 Nov 2019 21:35

Instrument :

BNA_E

ClientSampleId :

ICVBE112119

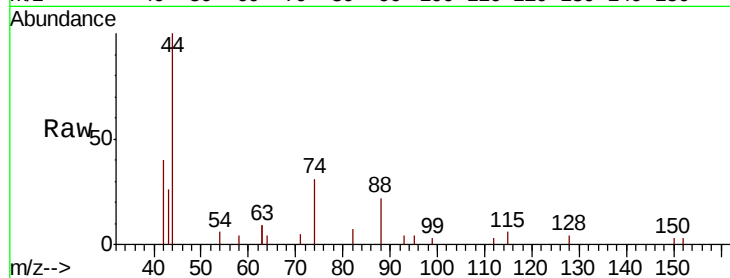
Tot Ion: 42 Resp: 2034

Ion Ratio Lower Upper

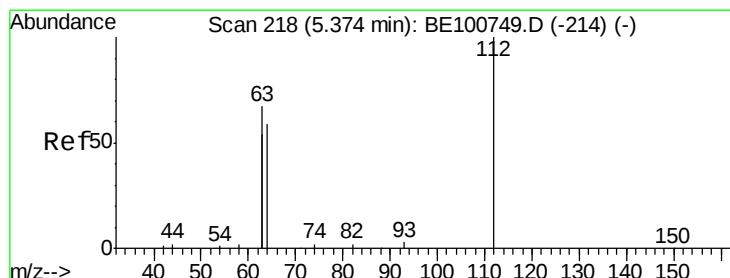
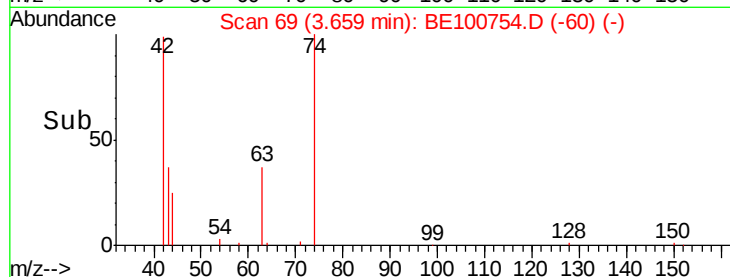
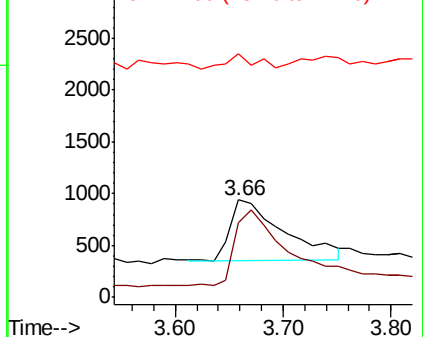
42 100

74 129.4 0.0 0.0#

44 12.2 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: 0.397 ng

RT: 5.37 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100754.D

Acq: 21 Nov 2019 21:35

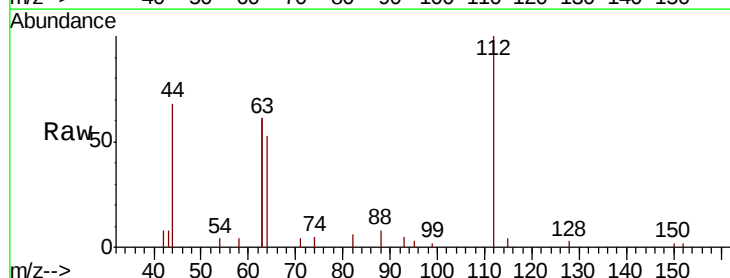
Tgt Ion: 112 Resp: 5322

Ion Ratio Lower Upper

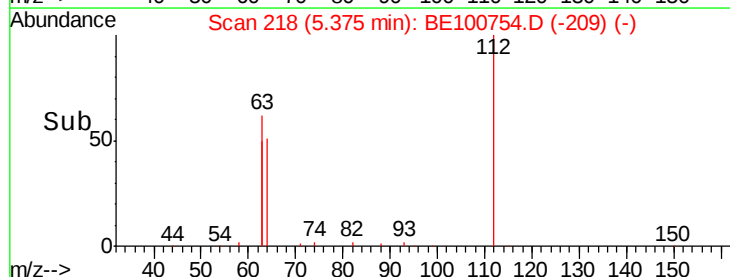
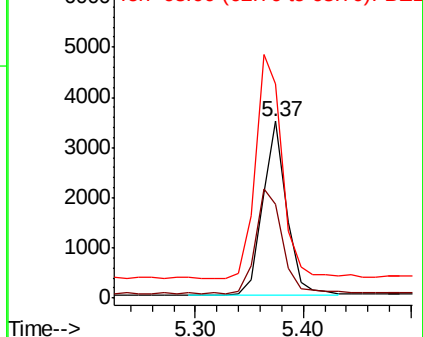
112 100

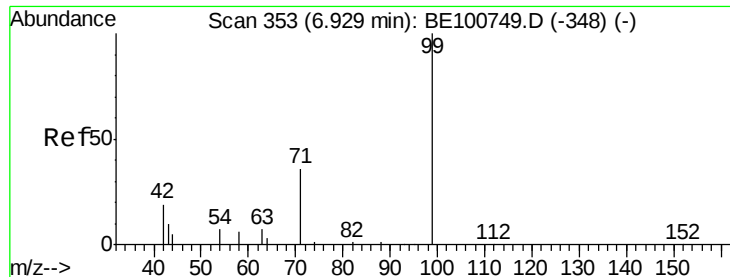
64 67.0 54.3 81.5

63 145.4 114.0 171.0



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: 0.397 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100754.D

Acq: 21 Nov 2019 21:35

Instrument :

BNA_E

ClientSampleId :

ICVBE112119

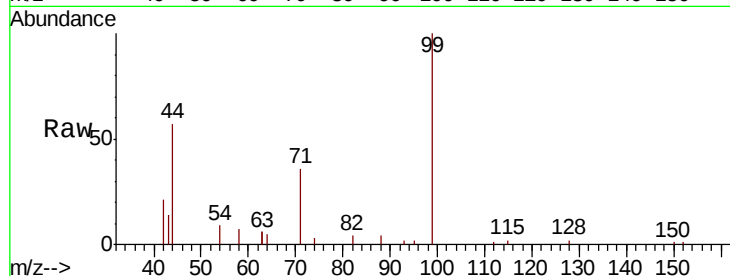
Tot Ion: 99 Resp: 7722

Ion Ratio Lower Upper

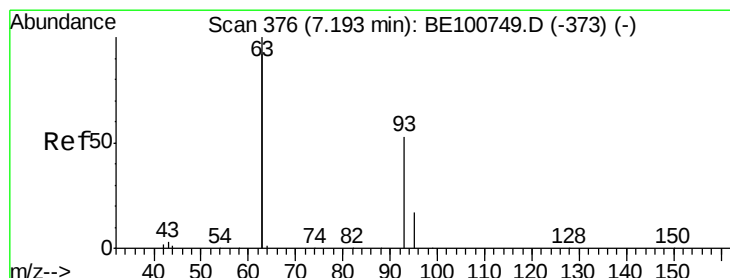
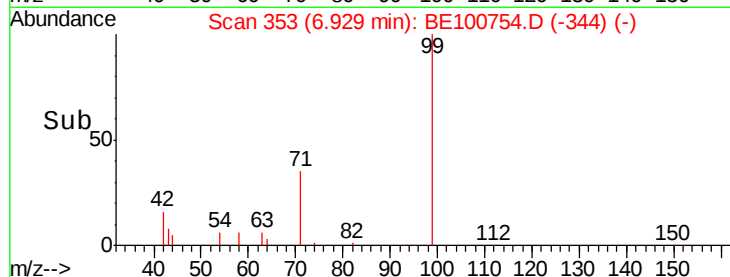
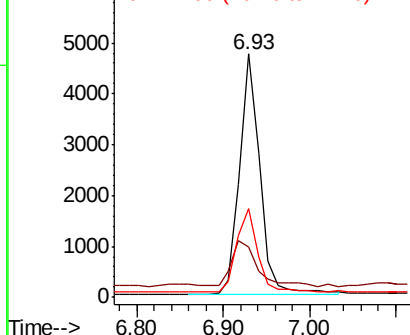
99 100

42 23.6 17.9 26.9

71 35.7 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: 0.393 ng

RT: 7.19 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE100754.D

Acq: 21 Nov 2019 21:35

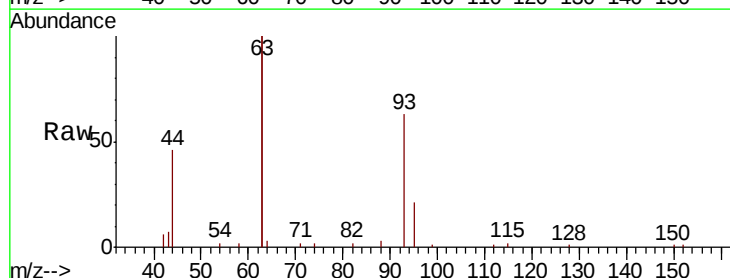
Tgt Ion: 93 Resp: 6373

Ion Ratio Lower Upper

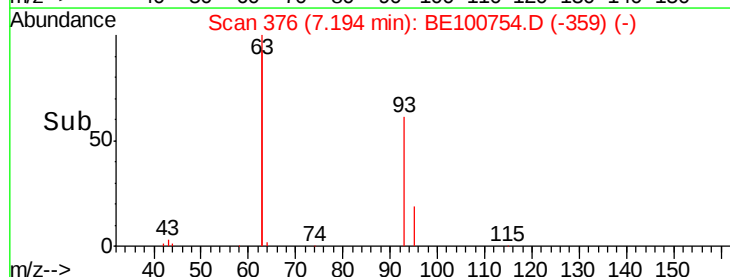
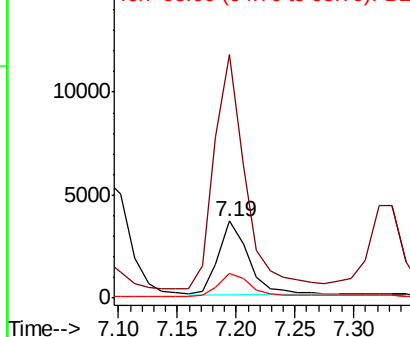
93 100

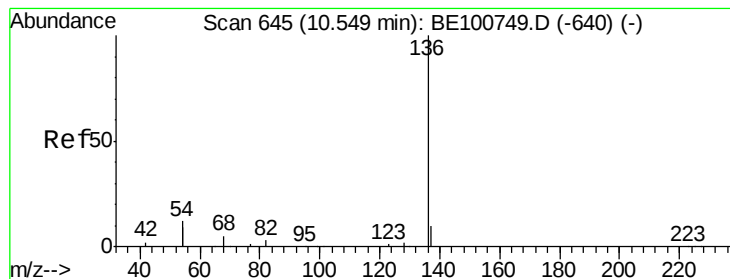
63 328.3 267.0 400.6

95 33.0 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: BE100754.D

Acq: 21 Nov 2019 21:35

Instrument :

BNA_E

ClientSampleId :

ICVBE112119

Tot Ion:136 Resp: 21592

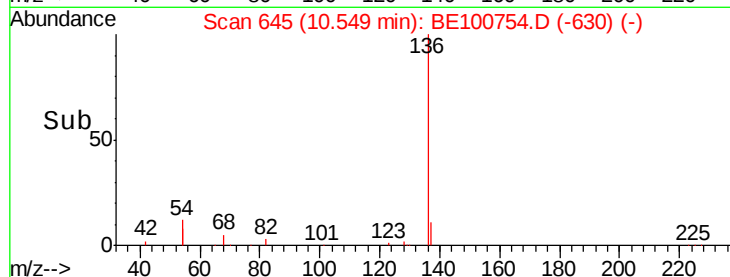
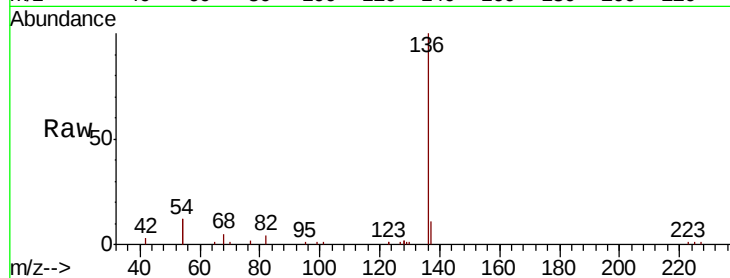
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 24.1 19.4 29.0

68 5.4 4.6 6.8

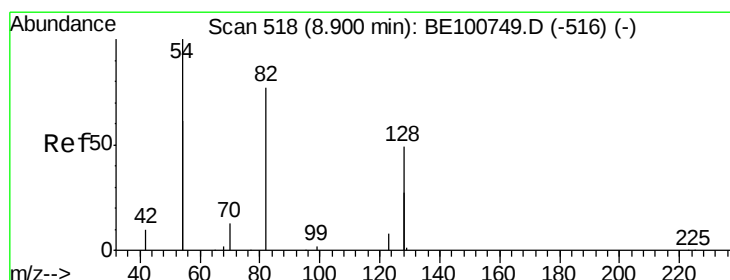
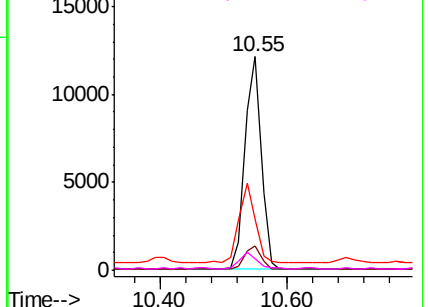


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.467 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE100754.D

Acq: 21 Nov 2019 21:35

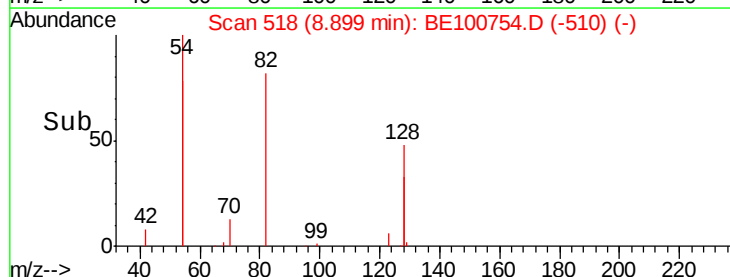
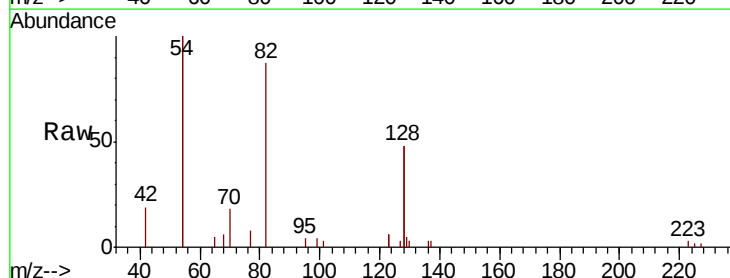
Tgt Ion: 82 Resp: 3230

Ion Ratio Lower Upper

82 100

128 110.6 90.2 135.4

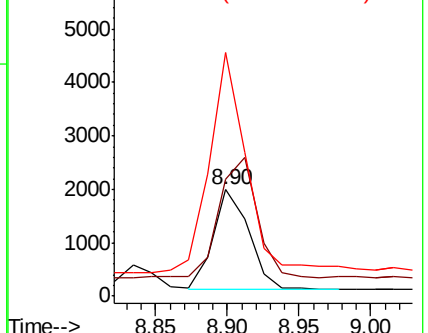
54 229.6 186.0 279.0

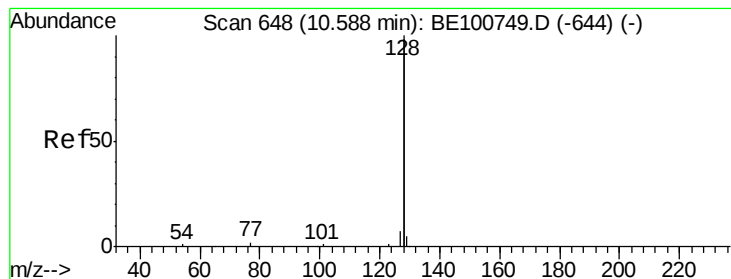


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.409 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE100754.D

Acq: 21 Nov 2019 21:35

Instrument :

BNA_E

ClientSampleId :

ICVBE112119

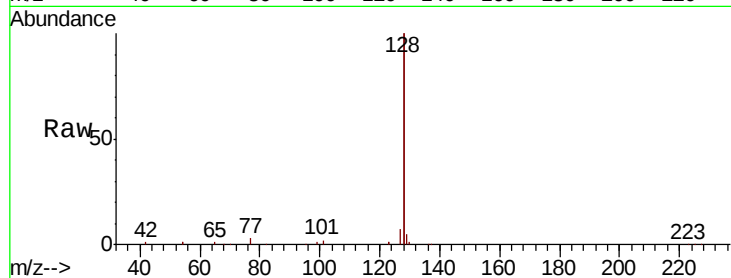
Tot Ion:128 Resp: 93787

Ion Ratio Lower Upper

128 100

129 2.7 2.3 3.5

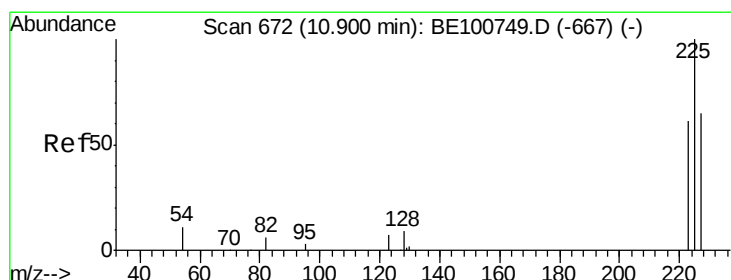
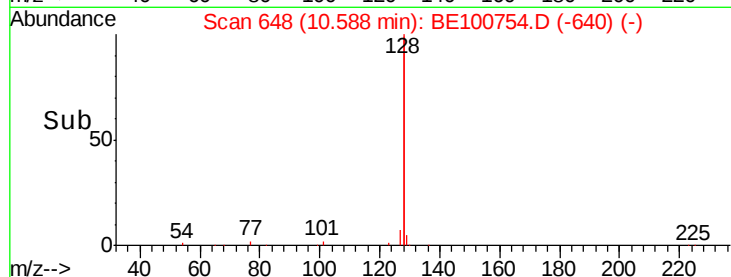
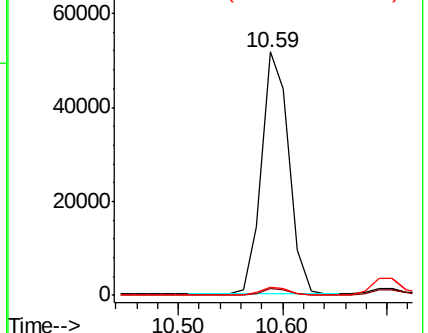
127 3.4 2.7 4.1



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: 0.412 ng

RT: 10.90 min Scan# 672

Delta R.T. -0.00 min

Lab File: BE100754.D

Acq: 21 Nov 2019 21:35

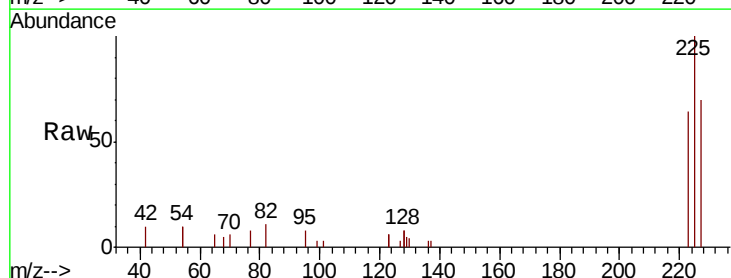
Tgt Ion:225 Resp: 3627

Ion Ratio Lower Upper

225 100

223 61.9 50.6 75.8

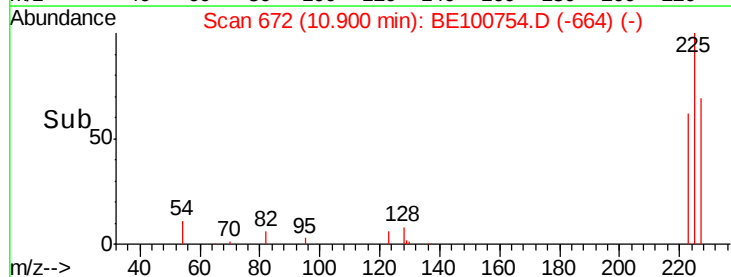
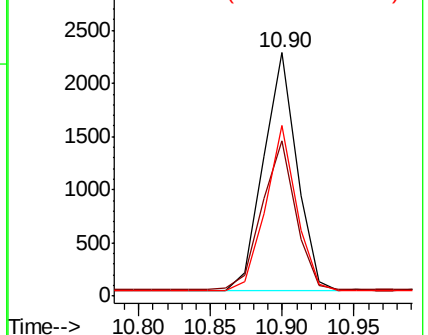
227 64.4 52.0 78.0

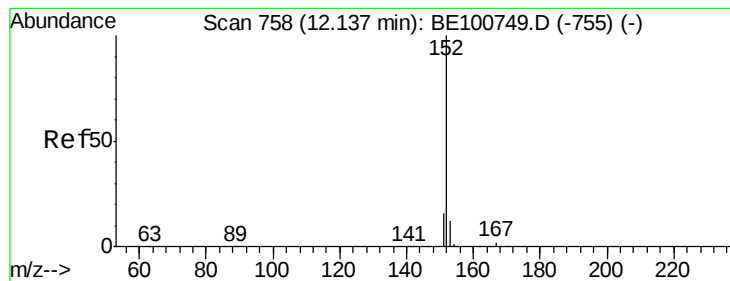


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.401 ng

RT: 12.14 min Scan# 758

Delta R.T. -0.00 min

Lab File: BE100754.D

Acq: 21 Nov 2019 21:35

Instrument :

BNA_E

ClientSampleId :

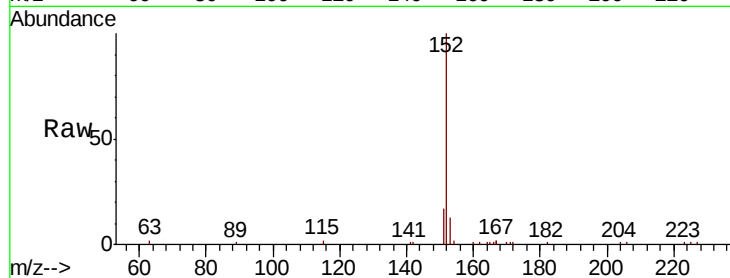
ICVBE112119

Tot Ion:152 Resp: 12695

Ion Ratio Lower Upper

152 100

151 19.3 15.8 23.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.14

8000

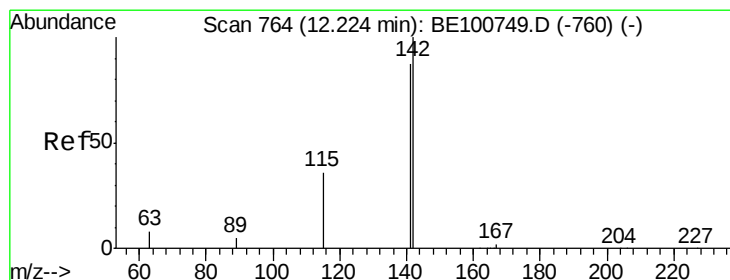
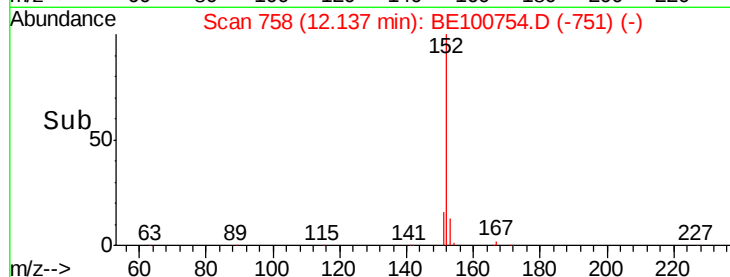
6000

4000

2000

0

Time--> 12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.397 ng

RT: 12.22 min Scan# 764

Delta R.T. -0.00 min

Lab File: BE100754.D

Acq: 21 Nov 2019 21:35

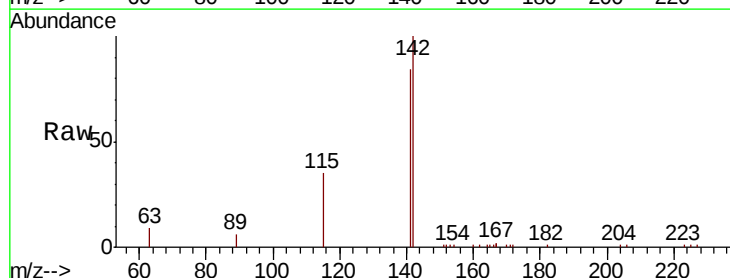
Tgt Ion:142 Resp: 14384

Ion Ratio Lower Upper

142 100

141 84.0 69.9 104.9

115 35.2 29.5 44.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.22

10000

8000

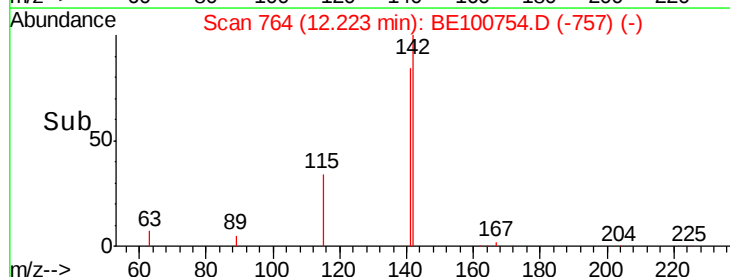
6000

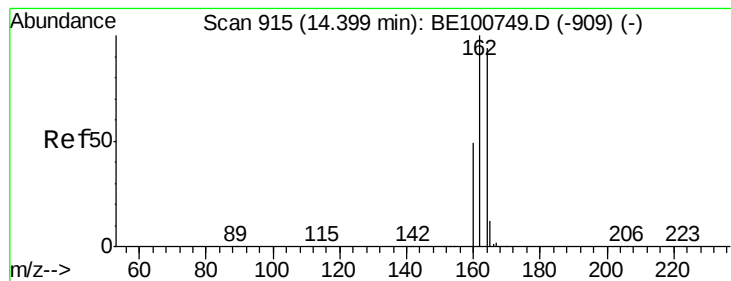
4000

2000

0

Time--> 12.10 12.20 12.30





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 915

Delta R.T. -0.00 min

Lab File: BE100754.D

Acq: 21 Nov 2019 21:35

Instrument :

BNA_E

ClientSampleId :

ICVBE112119

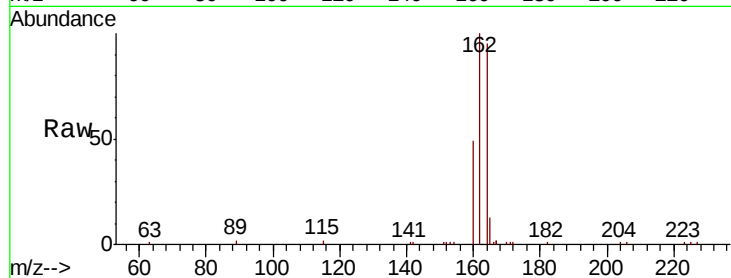
Tot Ion:164 Resp: 11406

Ion Ratio Lower Upper

164 100

162 105.6 84.8 127.2

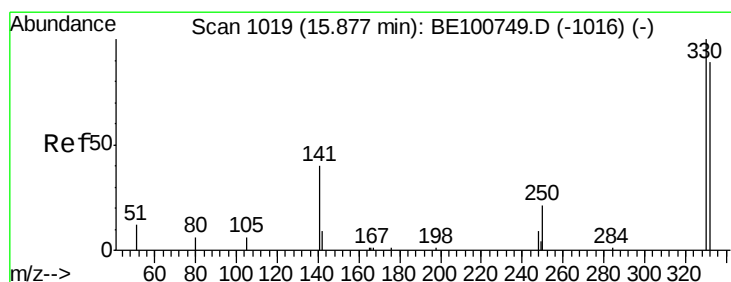
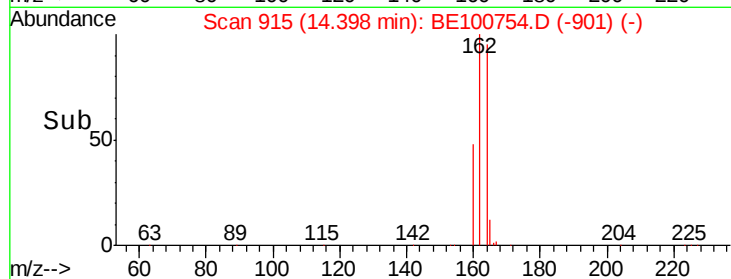
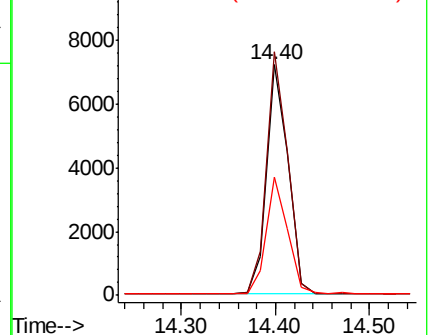
160 51.3 42.3 63.5



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: 0.419 ng

RT: 15.88 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BE100754.D

Acq: 21 Nov 2019 21:35

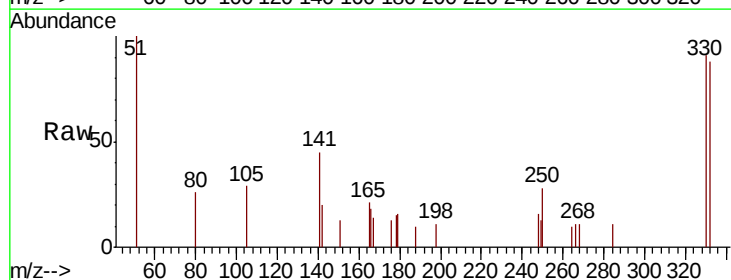
Tgt Ion:330 Resp: 673

Ion Ratio Lower Upper

330 100

332 99.3 79.3 118.9

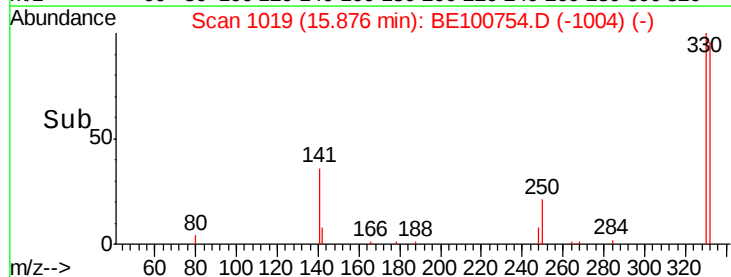
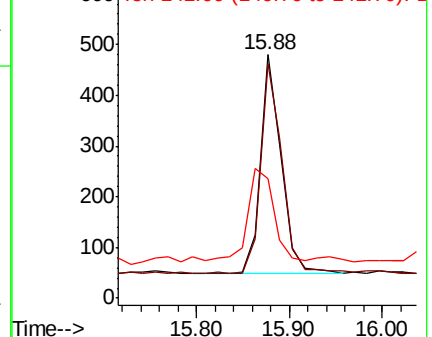
141 56.5 43.8 65.6

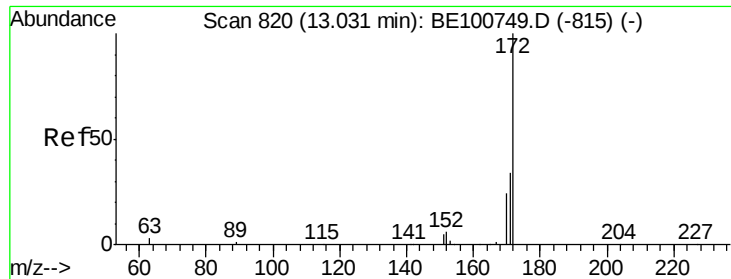


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

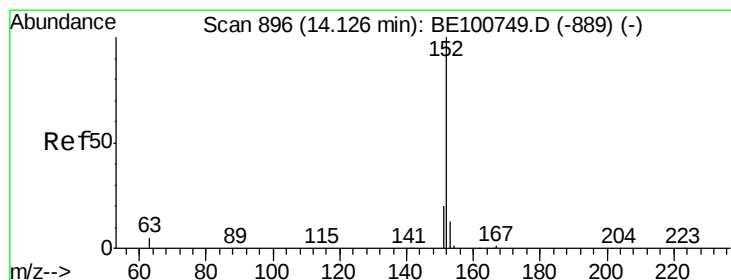
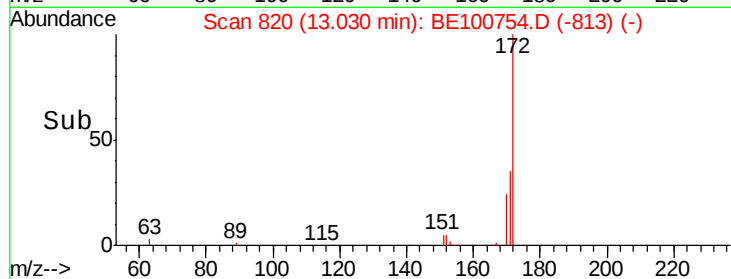
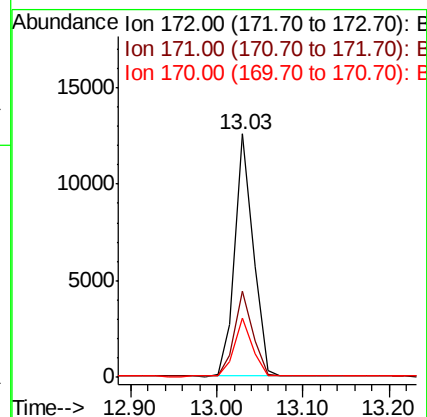
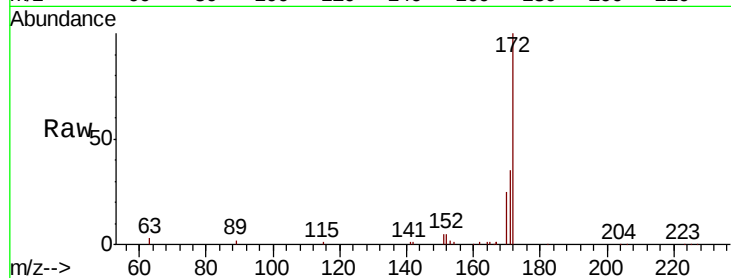




#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 13.03 min Scan# 820
Delta R.T. -0.00 min
Lab File: BE100754.D
Acq: 21 Nov 2019 21:35

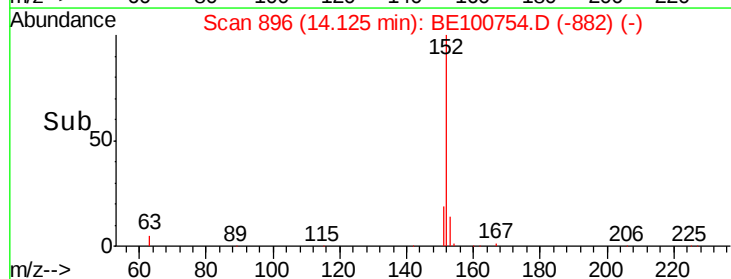
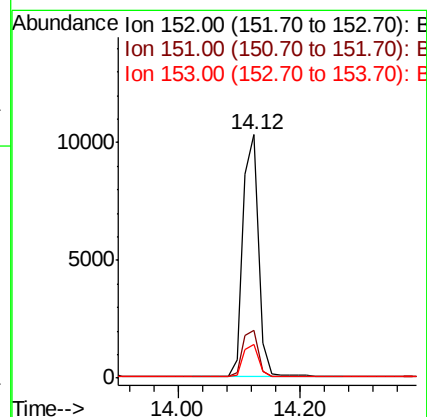
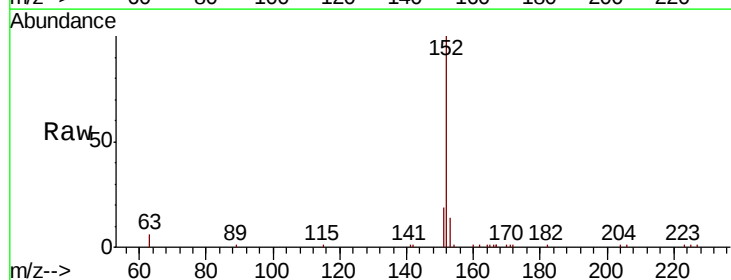
Instrument :
BNA_E
ClientSampleId :
ICVBE112119

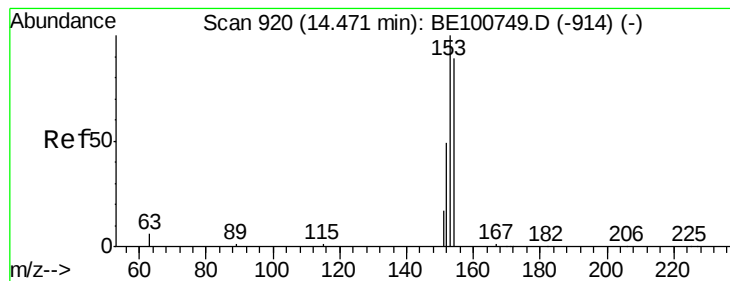
Tot Ion:172 Resp: 18411
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.6
170 24.6 19.4 29.2



#16
Acenaphthylene
Concen: 0.379 ng
RT: 14.12 min Scan# 896
Delta R.T. -0.00 min
Lab File: BE100754.D
Acq: 21 Nov 2019 21:35

Tgt Ion:152 Resp: 18601
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.4
153 13.4 10.6 15.8





#17

Acenaphthene

Concen: 0.398 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE100754.D

Acq: 21 Nov 2019 21:35

Instrument :

BNA_E

ClientSampleId :

ICVBE112119

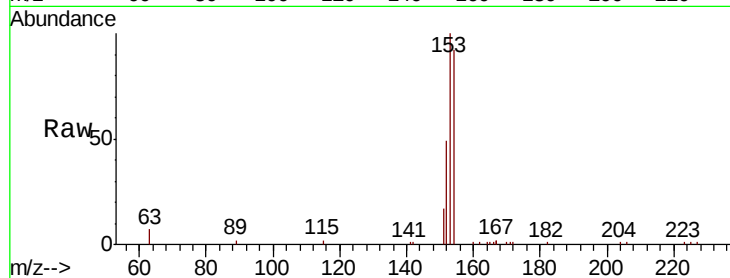
Tot Ion:154 Resp: 13094

Ion Ratio Lower Upper

154 100

153 114.1 91.6 137.4

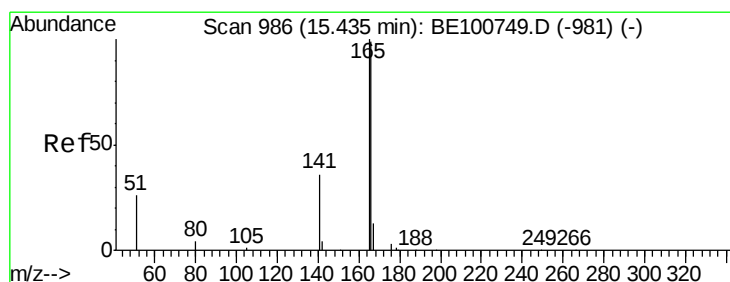
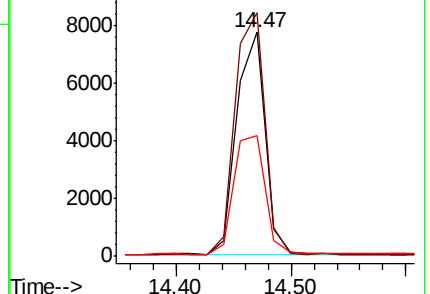
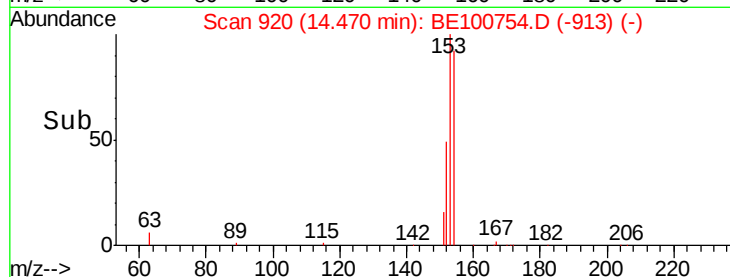
152 58.9 47.0 70.6



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: 15.43 min Scan# 986

Delta R.T. -0.00 min

Lab File: BE100754.D

Acq: 21 Nov 2019 21:35

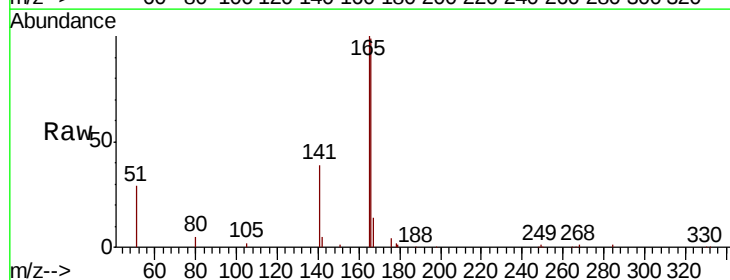
Tgt Ion:166 Resp: 16537

Ion Ratio Lower Upper

166 100

165 98.3 80.2 120.4

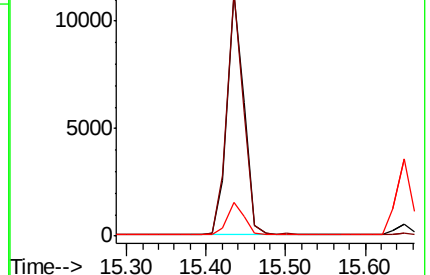
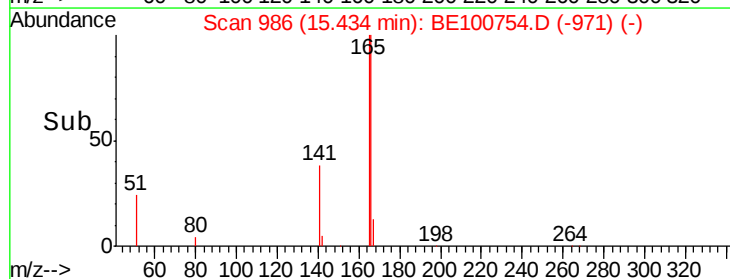
167 13.4 11.0 16.4

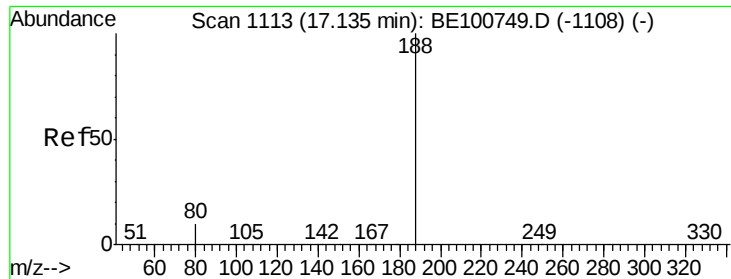


Abundance Ion 166.00 (165.70 to 166.70): E

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: BE100754.D

Acq: 21 Nov 2019 21:35

Instrument :

BNA_E

ClientSampleId :

ICVBE112119

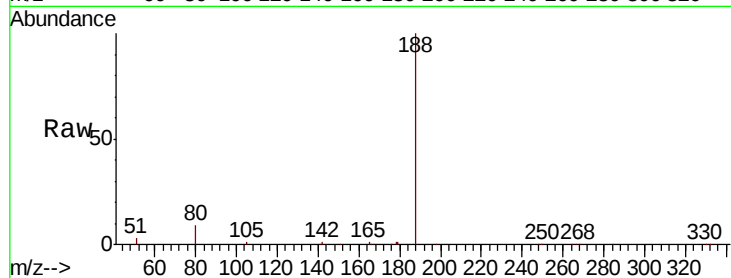
Tot Ion:188 Resp: 25518

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

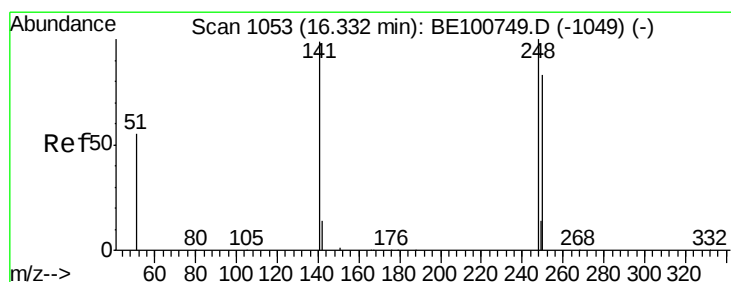
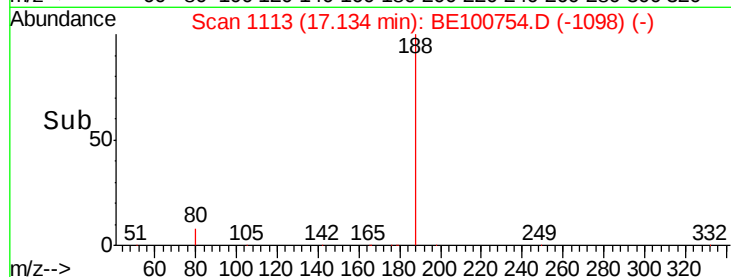
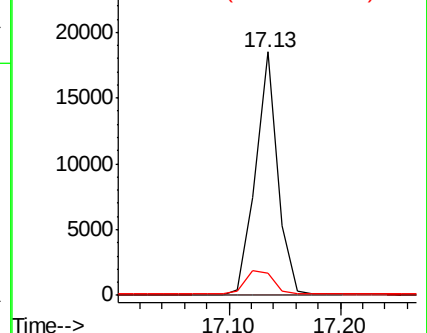
80 8.9 8.2 12.2



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: 0.393 ng

RT: 16.33 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BE100754.D

Acq: 21 Nov 2019 21:35

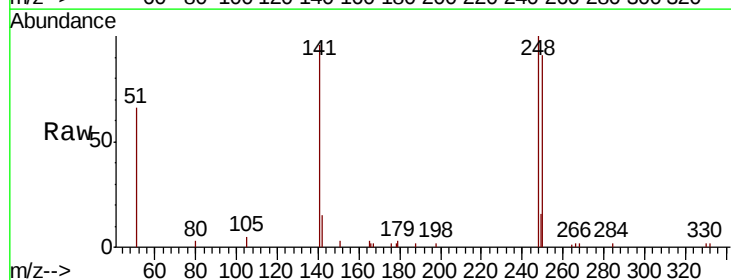
Tgt Ion:248 Resp: 4936

Ion Ratio Lower Upper

248 100

250 90.7 66.3 99.5

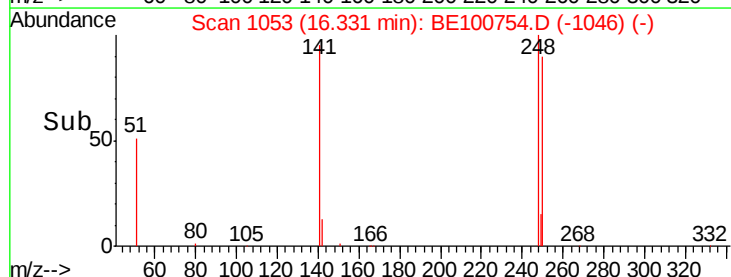
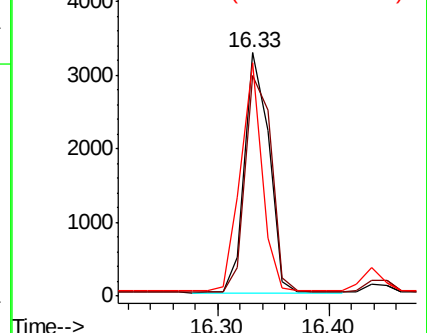
141 96.0 79.6 119.4

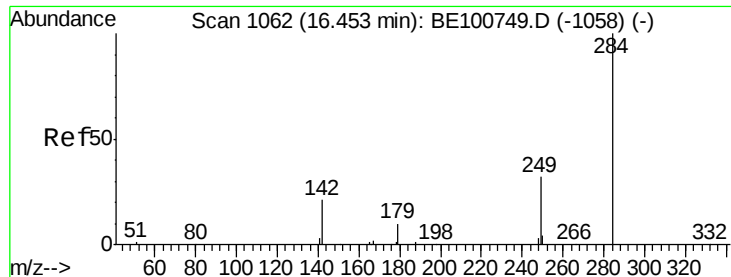


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

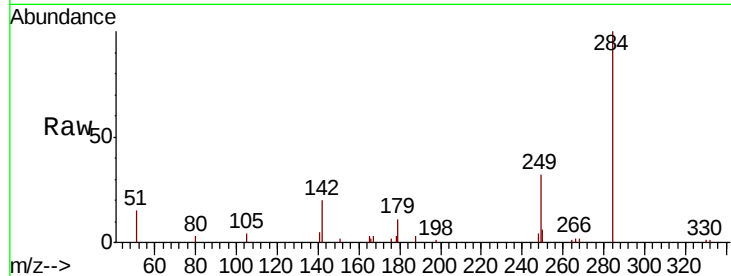




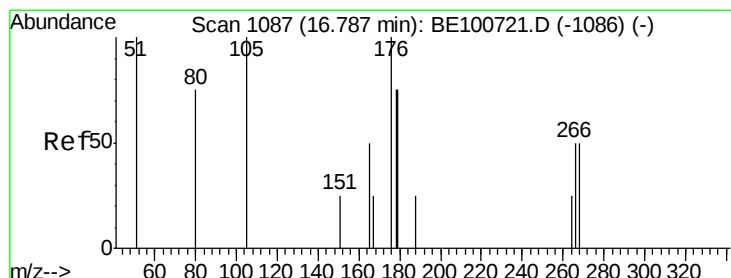
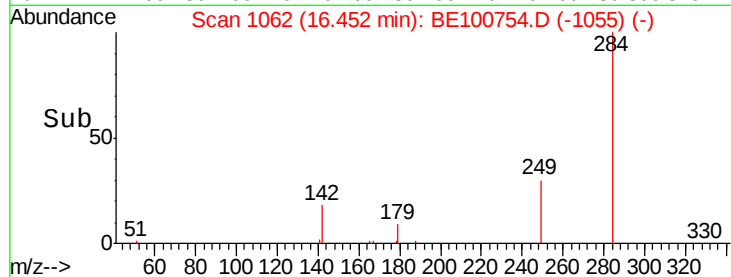
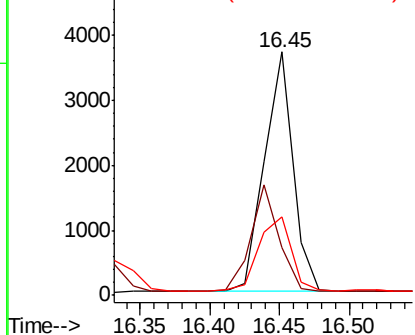
#21
Hexachlorobenzene
Concen: 0.405 ng
RT: 16.45 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BE100754.D
Acq: 21 Nov 2019 21:35

Instrument :
BNA_E
ClientSampleId :
ICVBE112119

Tot Ion:284 Resp: 5305
Ion Ratio Lower Upper
284 100
142 43.0 34.9 52.3
249 34.8 28.7 43.1

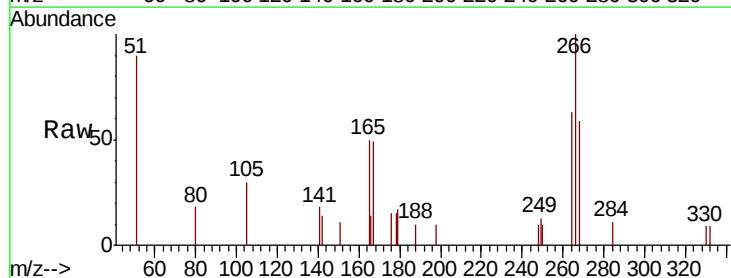


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

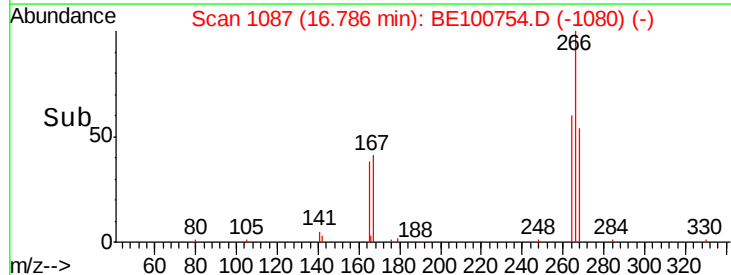
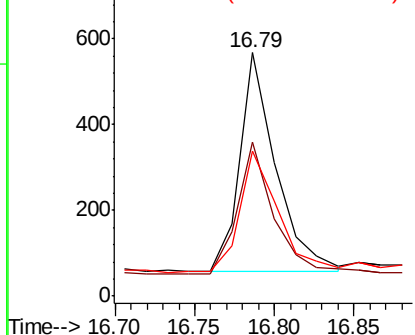


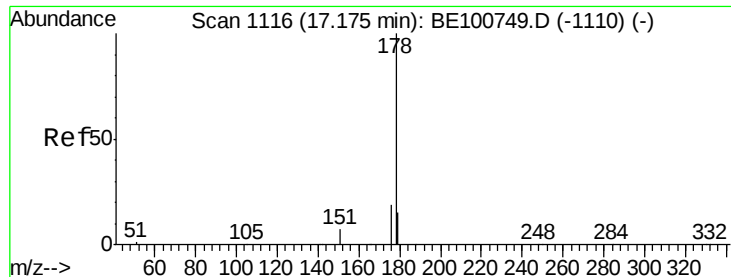
#22
Pentachlorophenol
Concen: 0.454 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100754.D
Acq: 21 Nov 2019 21:35

Tgt Ion:266 Resp: 798
Ion Ratio Lower Upper
266 100
264 63.0 54.6 82.0
268 59.3 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: 0.402 ng

RT: 17.17 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BE100754.D

Acq: 21 Nov 2019 21:35

Instrument :

BNA_E

ClientSampleId :

ICVBE112119

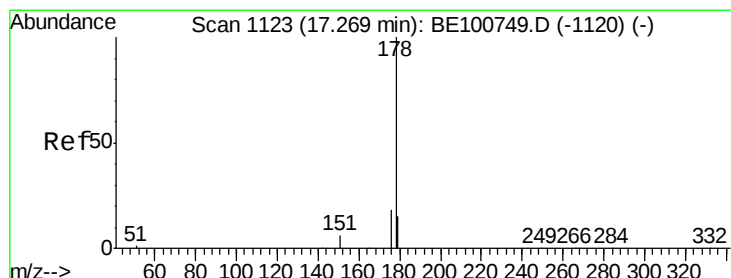
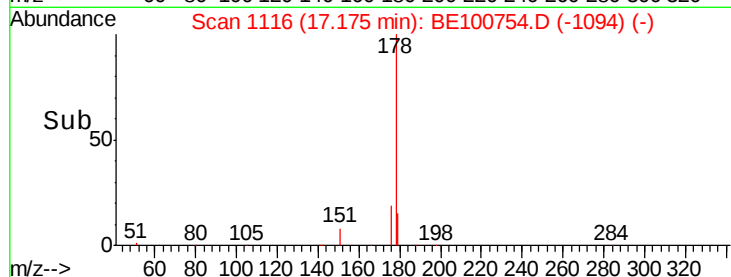
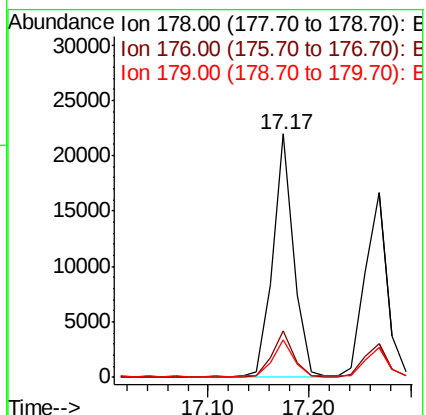
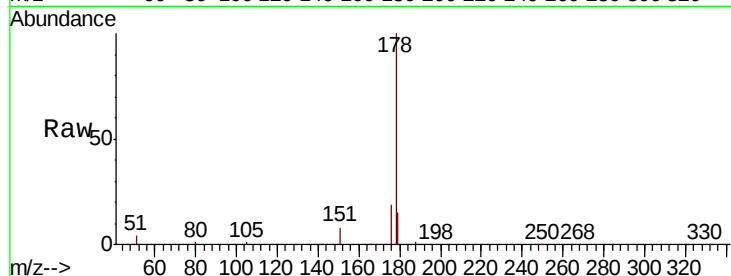
Tot Ion:178 Resp: 30915

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.0 12.5 18.7



#24

Anthracene

Concen: 0.376 ng

RT: 17.27 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BE100754.D

Acq: 21 Nov 2019 21:35

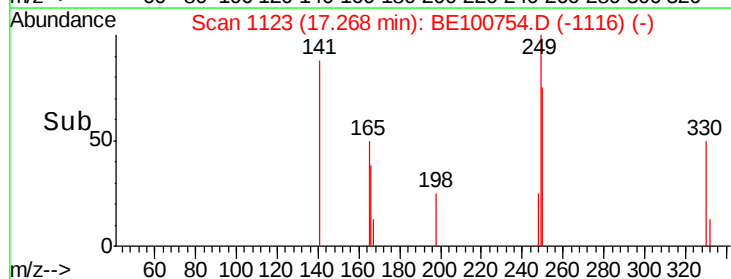
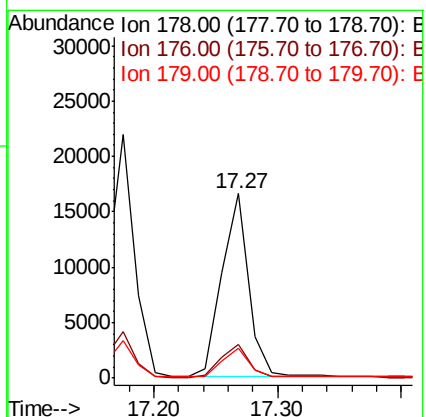
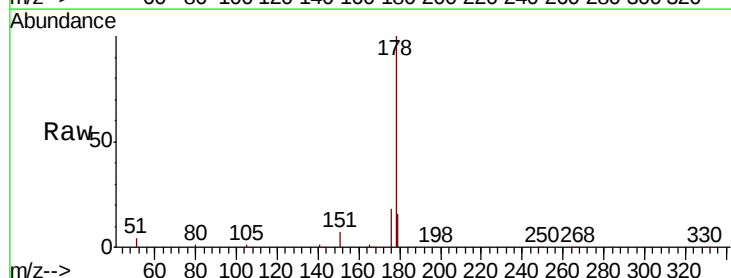
Tgt Ion:178 Resp: 24885

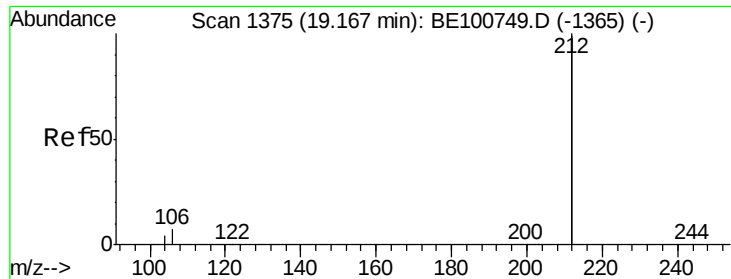
Ion Ratio Lower Upper

178 100

176 18.3 14.9 22.3

179 15.5 12.2 18.4





#25

Fluoranthene-d10

Concen: 0.377 ng

RT: 19.17 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE100754.D

Acq: 21 Nov 2019 21:35

Instrument :

BNA_E

ClientSampleId :

ICVBE112119

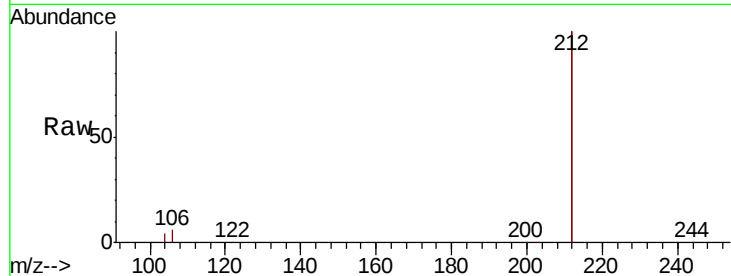
Tot Ion:212 Resp: 117719

Ion Ratio Lower Upper

212 100

106 3.3 2.6 4.0

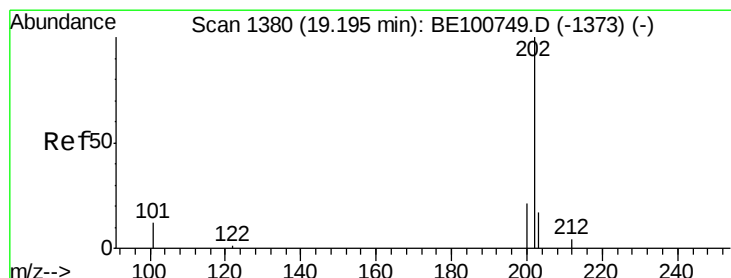
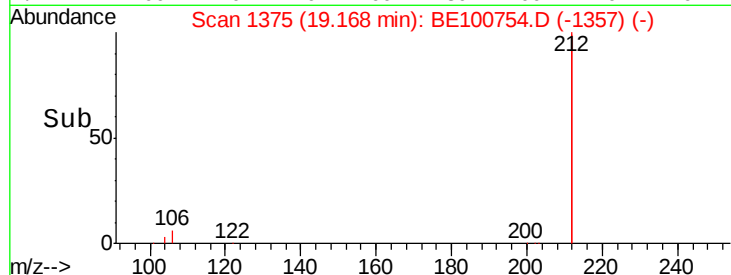
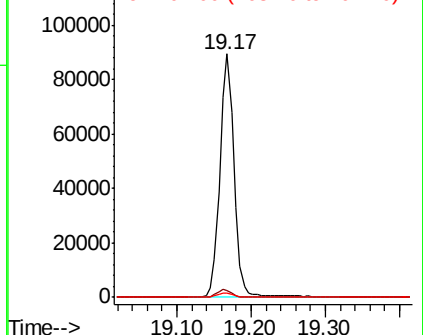
104 1.8 1.5 2.3



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: 0.380 ng

RT: 19.20 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BE100754.D

Acq: 21 Nov 2019 21:35

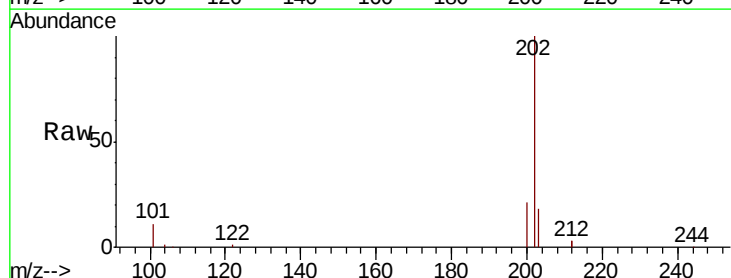
Tgt Ion:202 Resp: 35699

Ion Ratio Lower Upper

202 100

101 11.4 9.2 13.8

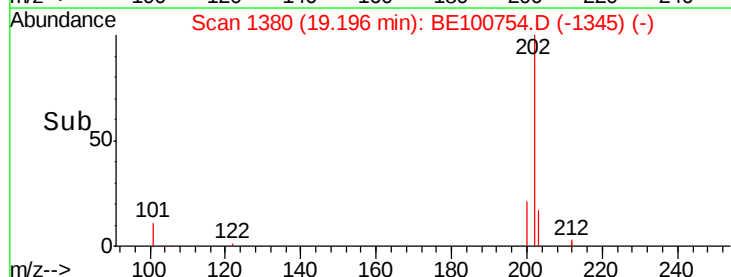
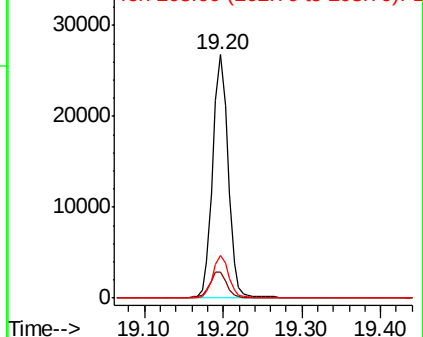
203 17.2 13.8 20.8

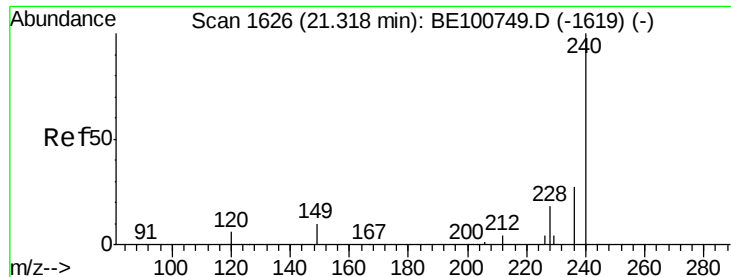


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

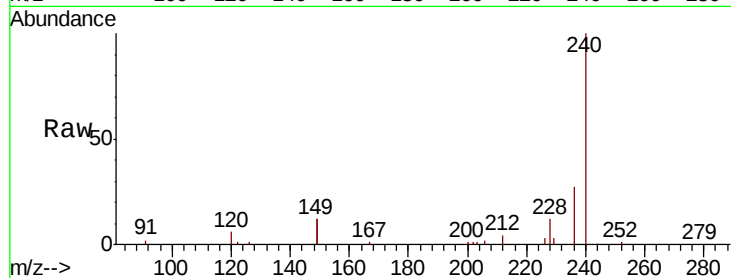




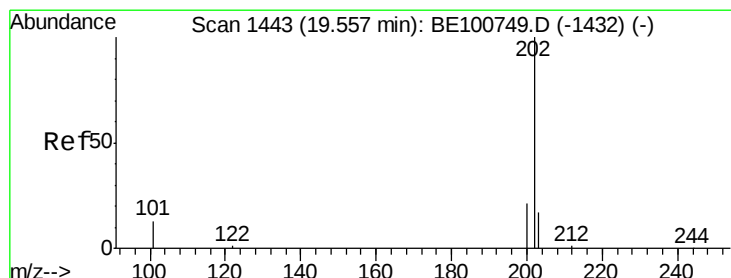
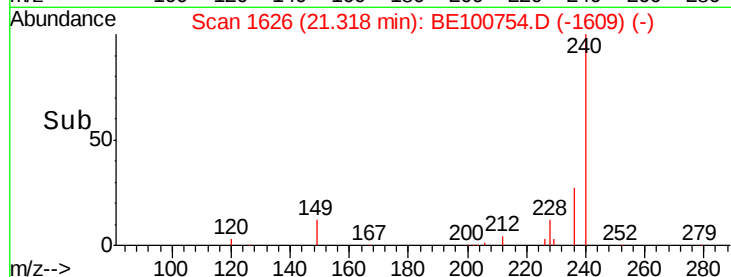
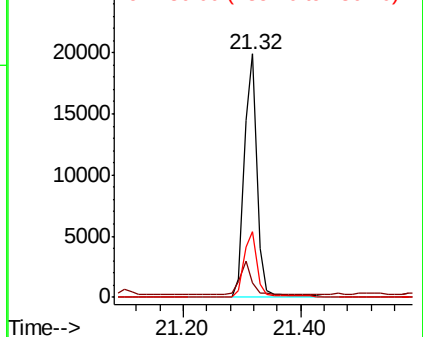
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE100754.D
Acq: 21 Nov 2019 21:35

Instrument :
BNA_E
ClientSampleId :
ICVBE112119

Tot Ion:240 Resp: 29755
Ion Ratio Lower Upper
240 100
120 5.8 5.8 8.8#
236 26.8 21.9 32.9

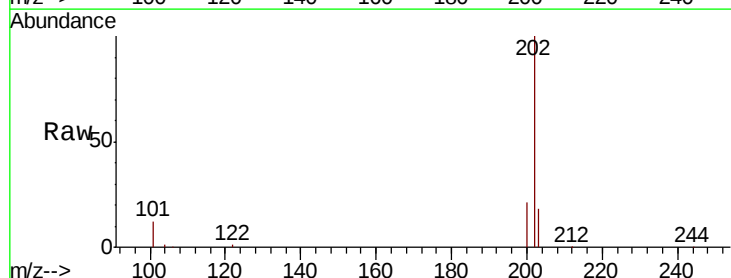


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

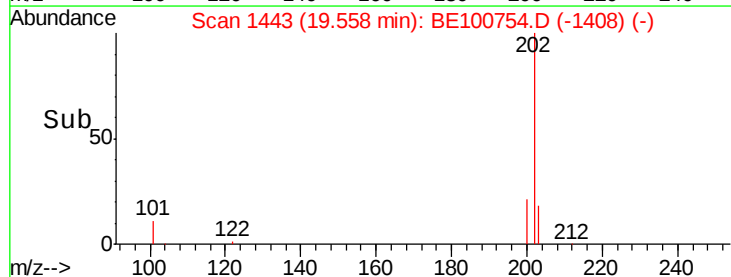
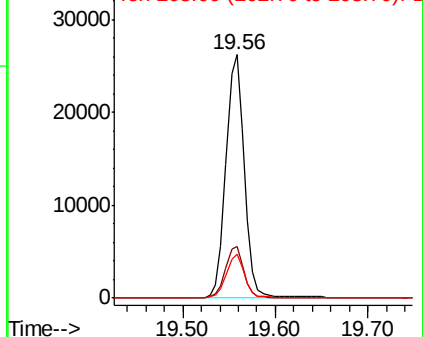


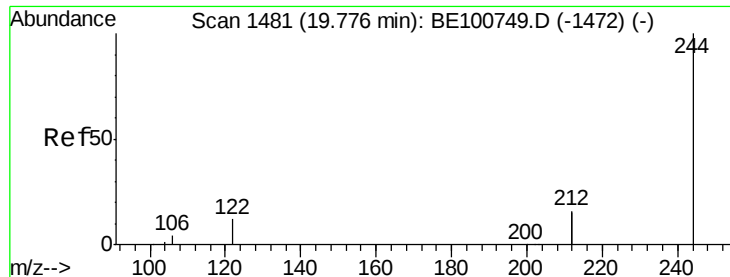
#28
Pyrene
Concen: 0.386 ng
RT: 19.56 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BE100754.D
Acq: 21 Nov 2019 21:35

Tgt Ion:202 Resp: 35579
Ion Ratio Lower Upper
202 100
200 21.0 16.6 24.8
203 17.4 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.384 ng

RT: 19.77 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BE100754.D

Acq: 21 Nov 2019 21:35

Instrument :

BNA_E

ClientSampleId :

ICVBE112119

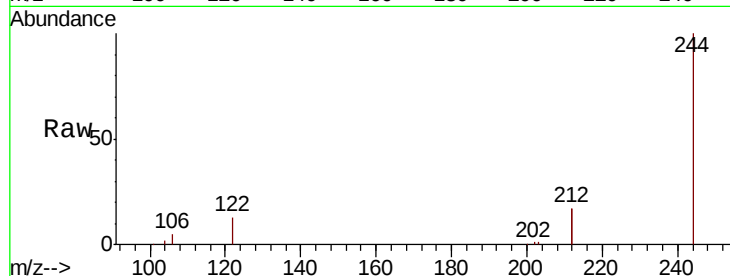
Tot Ion:244 Resp: 26321

Ion Ratio Lower Upper

244 100

212 33.2 25.2 37.8

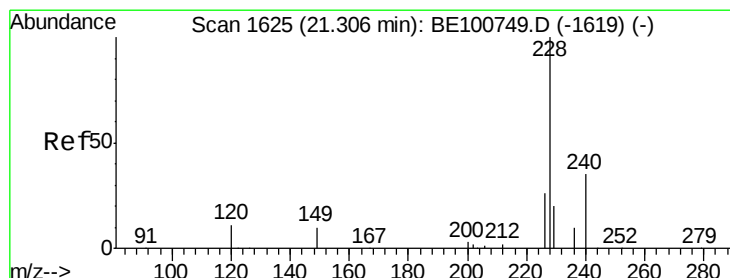
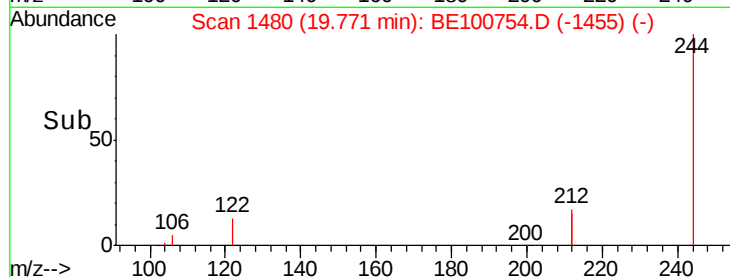
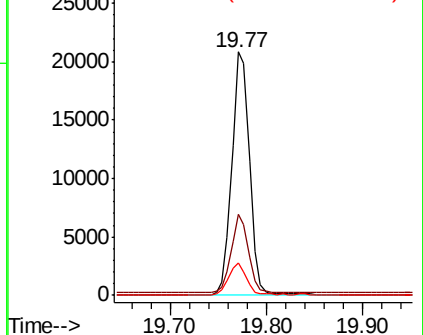
122 13.5 9.8 14.6



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: 0.379 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE100754.D

Acq: 21 Nov 2019 21:35

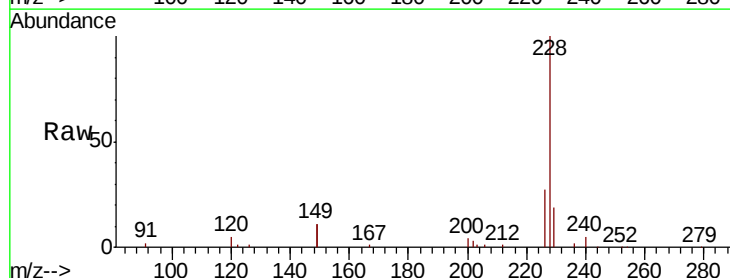
Tgt Ion:228 Resp: 38037

Ion Ratio Lower Upper

228 100

226 27.3 20.7 31.1

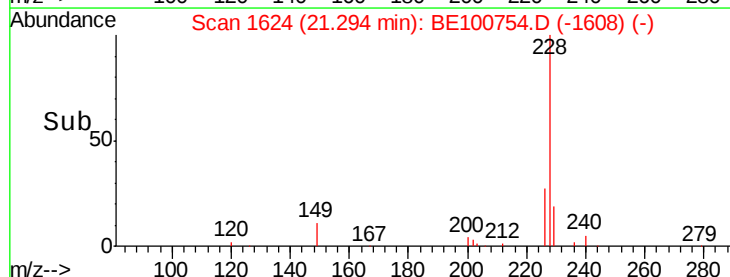
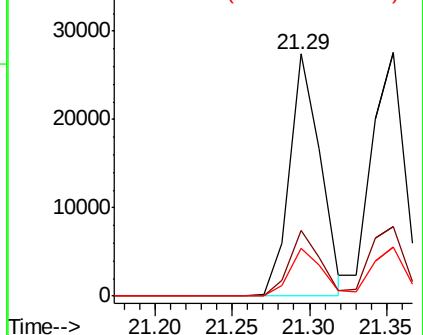
229 19.5 16.2 24.2

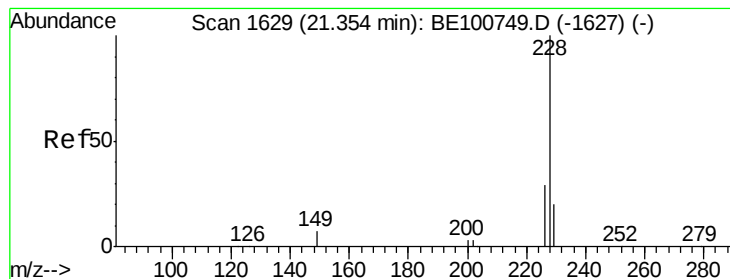


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.404 ng

RT: 21.35 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BE100754.D

Acq: 21 Nov 2019 21:35

Instrument :

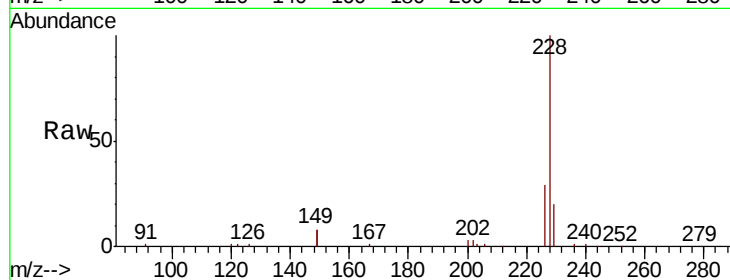
BNA_E

ClientSampleId :

ICVBE112119

Tot Ion:228 Resp: 41234

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.8	35.6
229	20.3	15.9	23.9

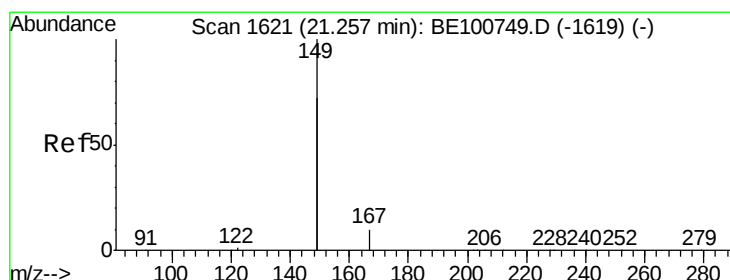
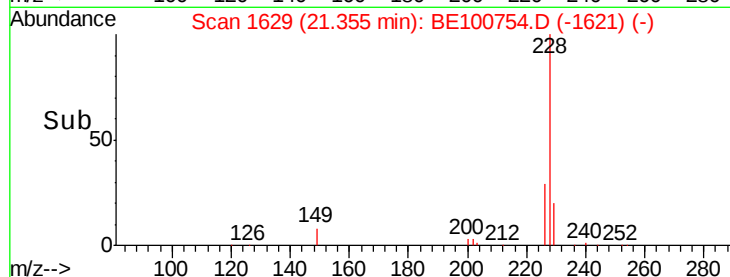
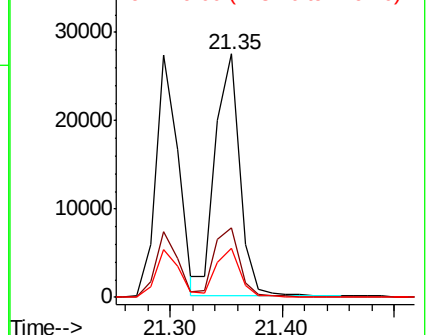


Abundance

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: 0.413 ng

RT: 21.26 min Scan# 1621

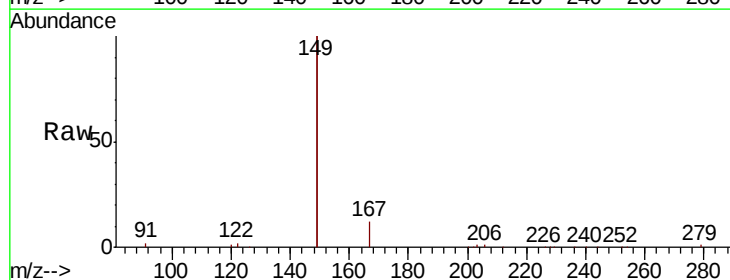
Delta R.T. 0.00 min

Lab File: BE100754.D

Acq: 21 Nov 2019 21:35

Tgt Ion:149 Resp: 57051

Ion	Ratio	Lower	Upper
149	100		
167	6.3	5.5	8.3
279	0.8	0.7	1.1

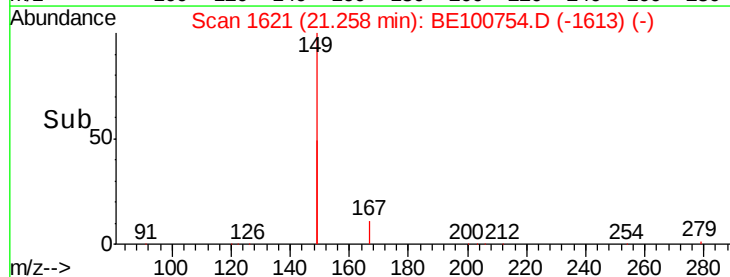
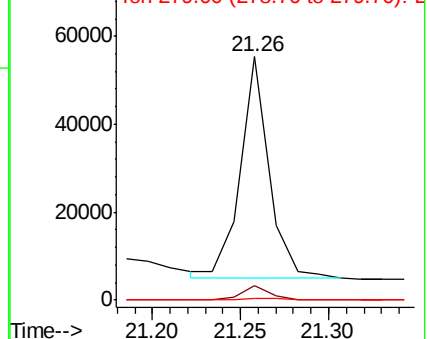


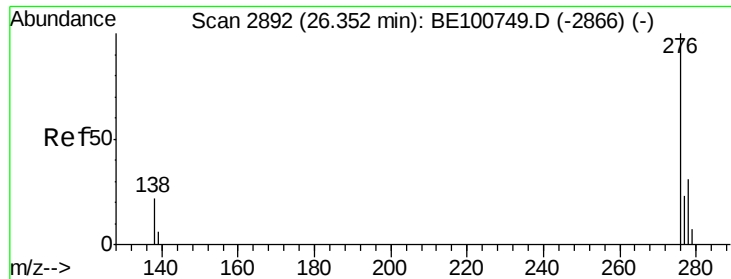
Abundance

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

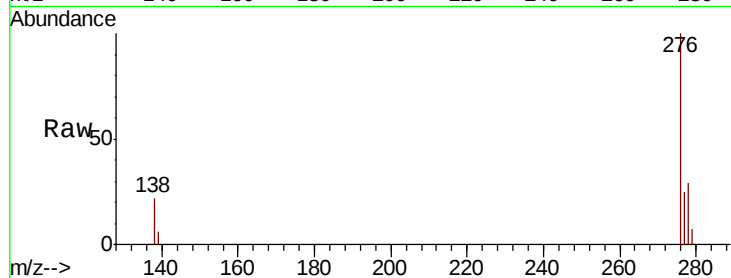




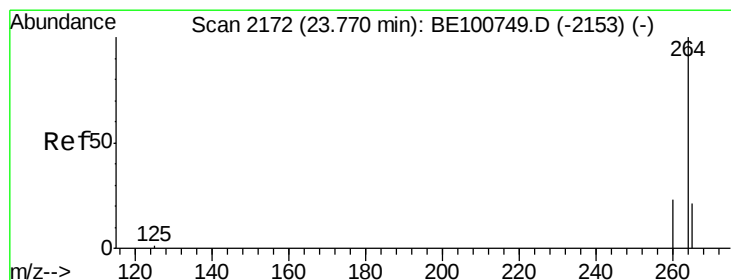
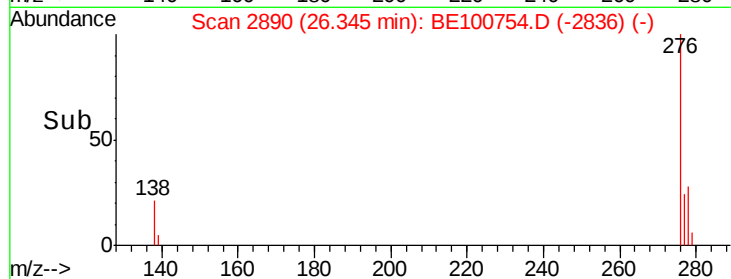
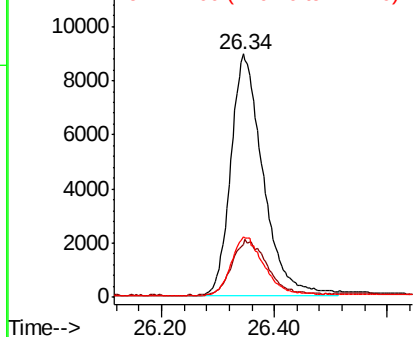
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.377 ng
RT: 26.34 min Scan# 2890
Delta R.T. -0.01 min
Lab File: BE100754.D
Acq: 21 Nov 2019 21:35

Instrument :
BNA_E
ClientSampleId :
ICVBE112119

Tot Ion:276 Resp: 35427
Ion Ratio Lower Upper
276 100
138 24.7 19.8 29.6
277 24.6 19.7 29.5

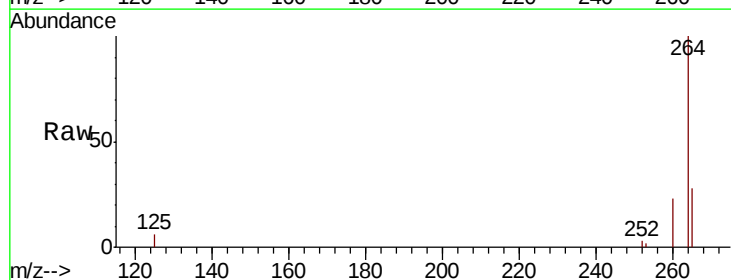


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

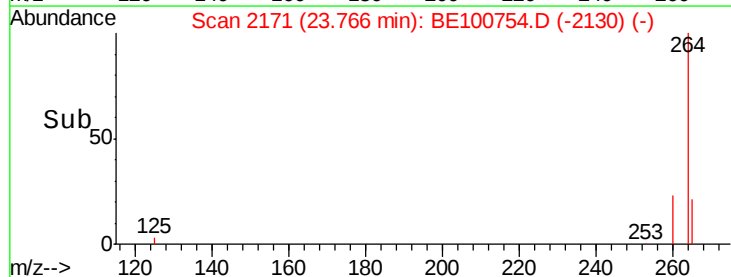
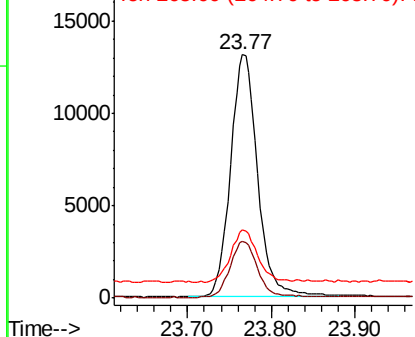


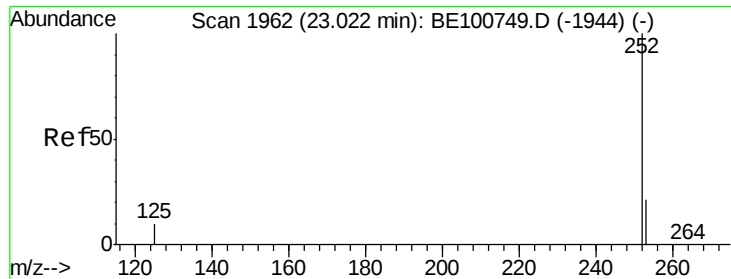
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.77 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BE100754.D
Acq: 21 Nov 2019 21:35

Tgt Ion:264 Resp: 29581
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 27.9 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

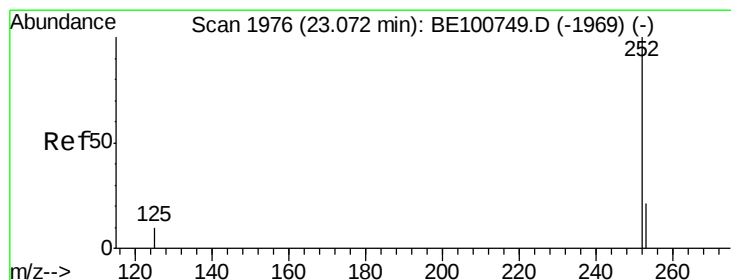
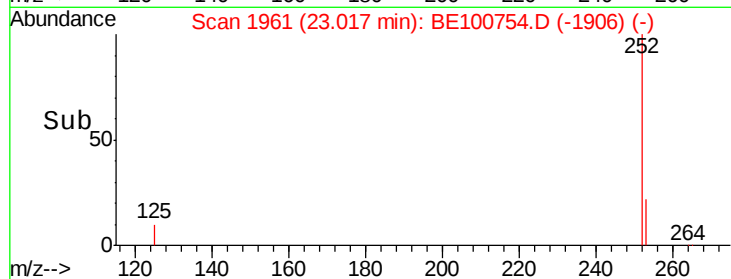
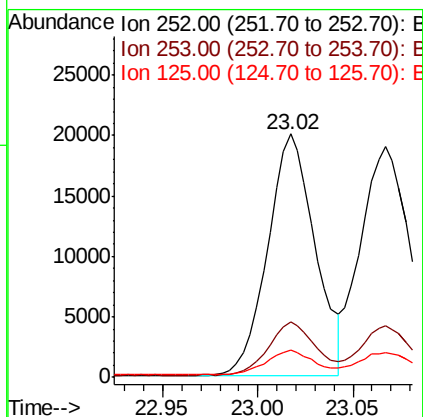
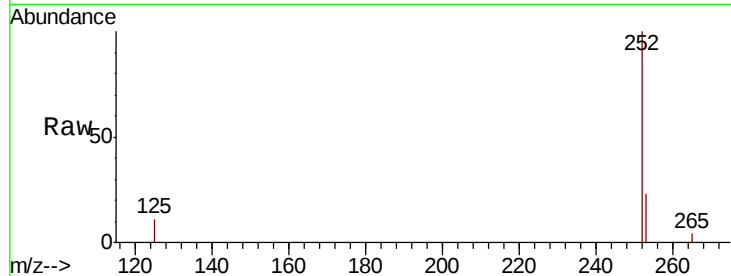




#35
Benzo(b)fluoranthene
Concen: 0.373 ng
RT: 23.02 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BE100754.D
Acq: 21 Nov 2019 21:35

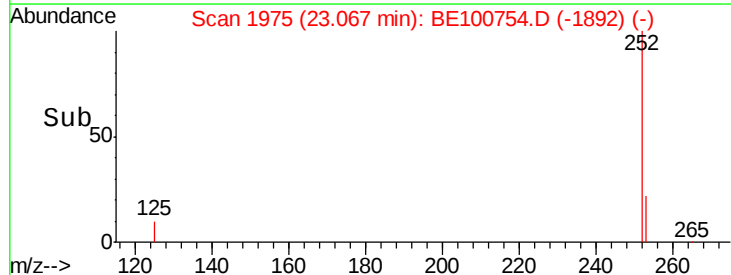
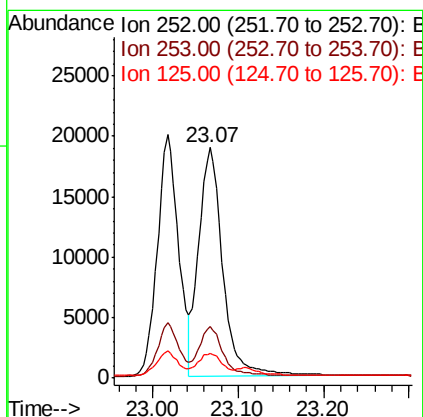
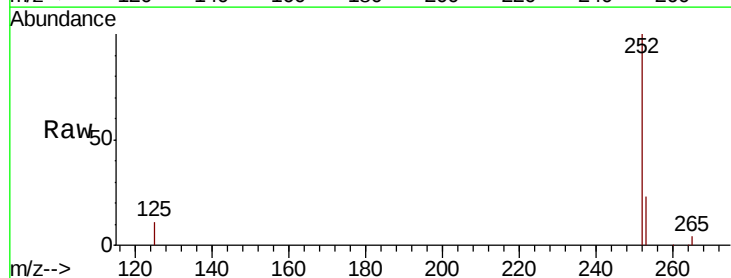
Instrument :
BNA_E
ClientSampleId :
ICVBE112119

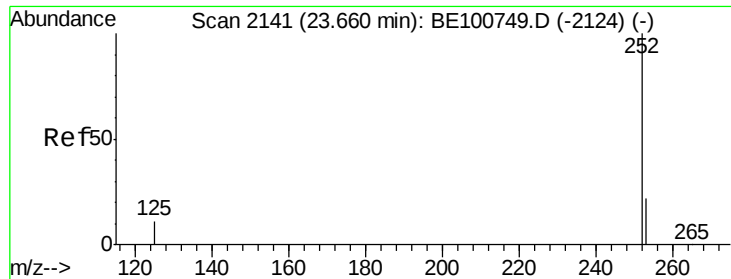
Tot Ion:252 Resp: 34600
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 11.4 9.1 13.7



#36
Benzo(k)fluoranthene
Concen: 0.380 ng
RT: 23.07 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BE100754.D
Acq: 21 Nov 2019 21:35

Tgt Ion:252 Resp: 36790
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 10.9 9.0 13.4





#37

Benzo(a)pyrene

Concen: 0.364 ng

RT: 23.66 min Scan# 2140

Delta R.T. -0.00 min

Lab File: BE100754.D

Acq: 21 Nov 2019 21:35

Instrument :

BNA_E

ClientSampleId :

ICVBE112119

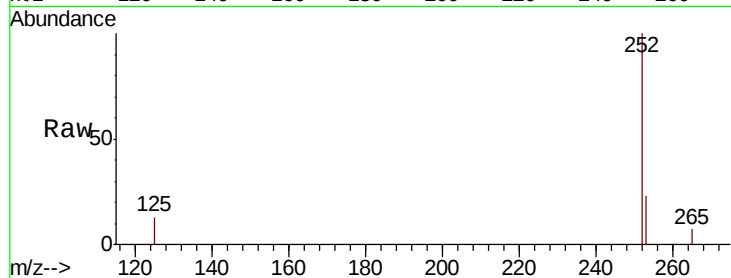
Tot Ion:252 Resp: 29812

Ion Ratio Lower Upper

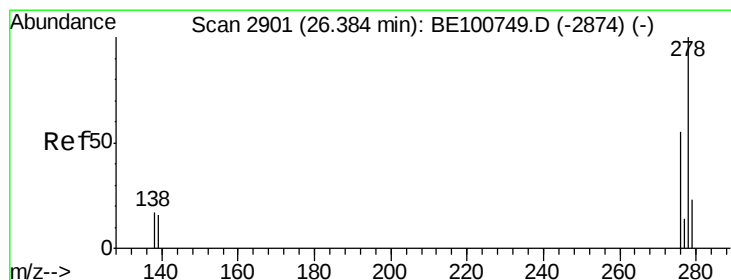
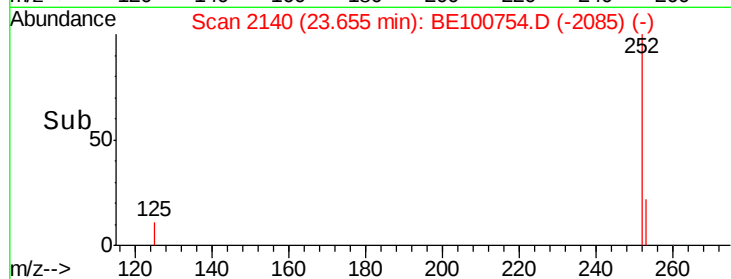
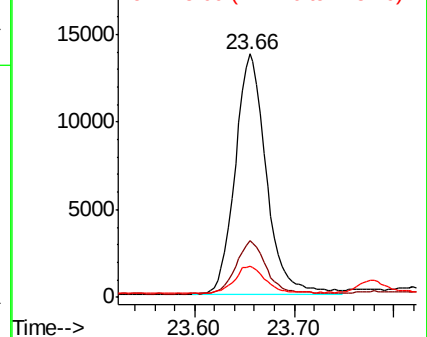
252 100

253 23.3 18.3 27.5

125 12.9 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: 0.337 ng

RT: 26.38 min Scan# 2899

Delta R.T. -0.01 min

Lab File: BE100754.D

Acq: 21 Nov 2019 21:35

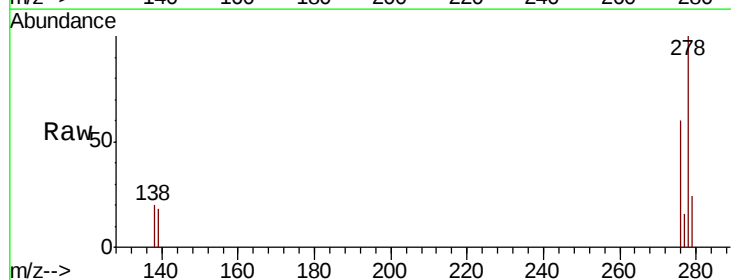
Tgt Ion:278 Resp: 28993

Ion Ratio Lower Upper

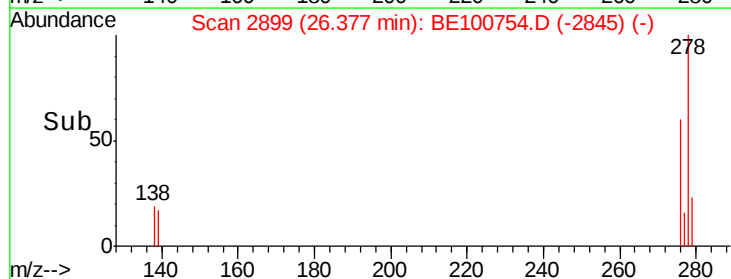
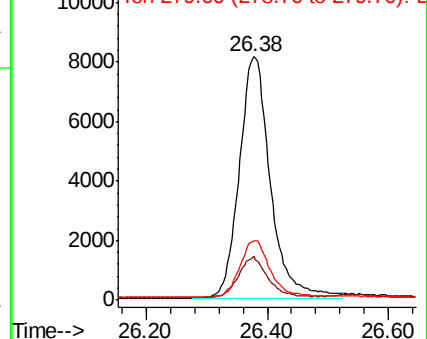
278 100

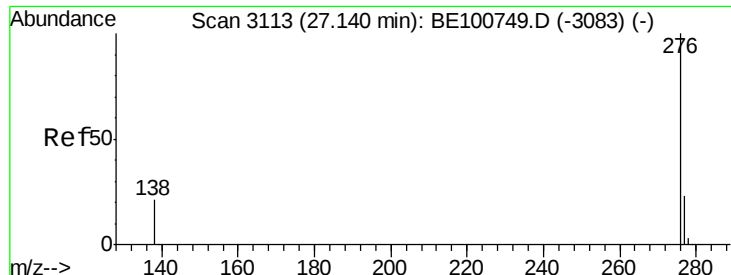
139 17.9 13.2 19.8

279 24.2 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: 0.382 ng

RT: 27.14 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BE100754.D

Acq: 21 Nov 2019 21:35

Instrument :

BNA_E

ClientSampleId :

ICVBE112119

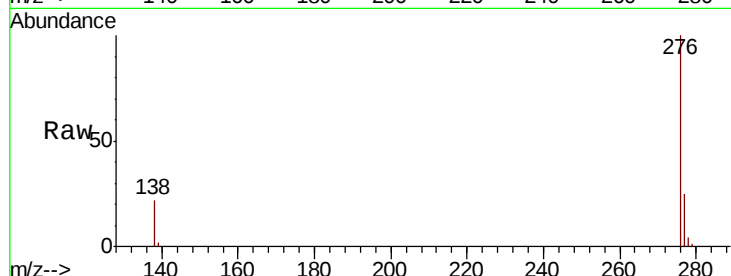
Tot Ion: 276 Resp: 31200

Ion Ratio Lower Upper

276 100

277 25.0 18.9 28.3

138 22.0 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

