

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071219\
 Data File : BE100423.D
 Acq On : 12 Jul 2019 17:17
 Operator : HP/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE071219

Quant Time: Jul 12 18:04:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 17:51:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	4102	0.40	ng	-0.01
7) Naphthalene-d8	10.68	136	16454	0.40	ng	0.00
13) Acenaphthene-d10	14.51	164	9901	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	26888	0.40	ng	0.00
27) Chrysene-d12	21.40	240	33471	0.40	ng	0.00
34) Perylene-d12	23.90	264	37753	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.47	112	5265	0.42	ng	0.00
5) Phenol-d6	7.04	99	7490	0.40	ng	0.00
8) Nitrobenzene-d5	9.03	82	3552	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.27	152	11872	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	1472	0.39	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	15825	0.43	ng	0.00
25) Fluoranthene-d10	19.26	212	169233	0.43	ng	0.00
29) Terphenyl-d14	19.86	244	33277	0.45	ng	0.00

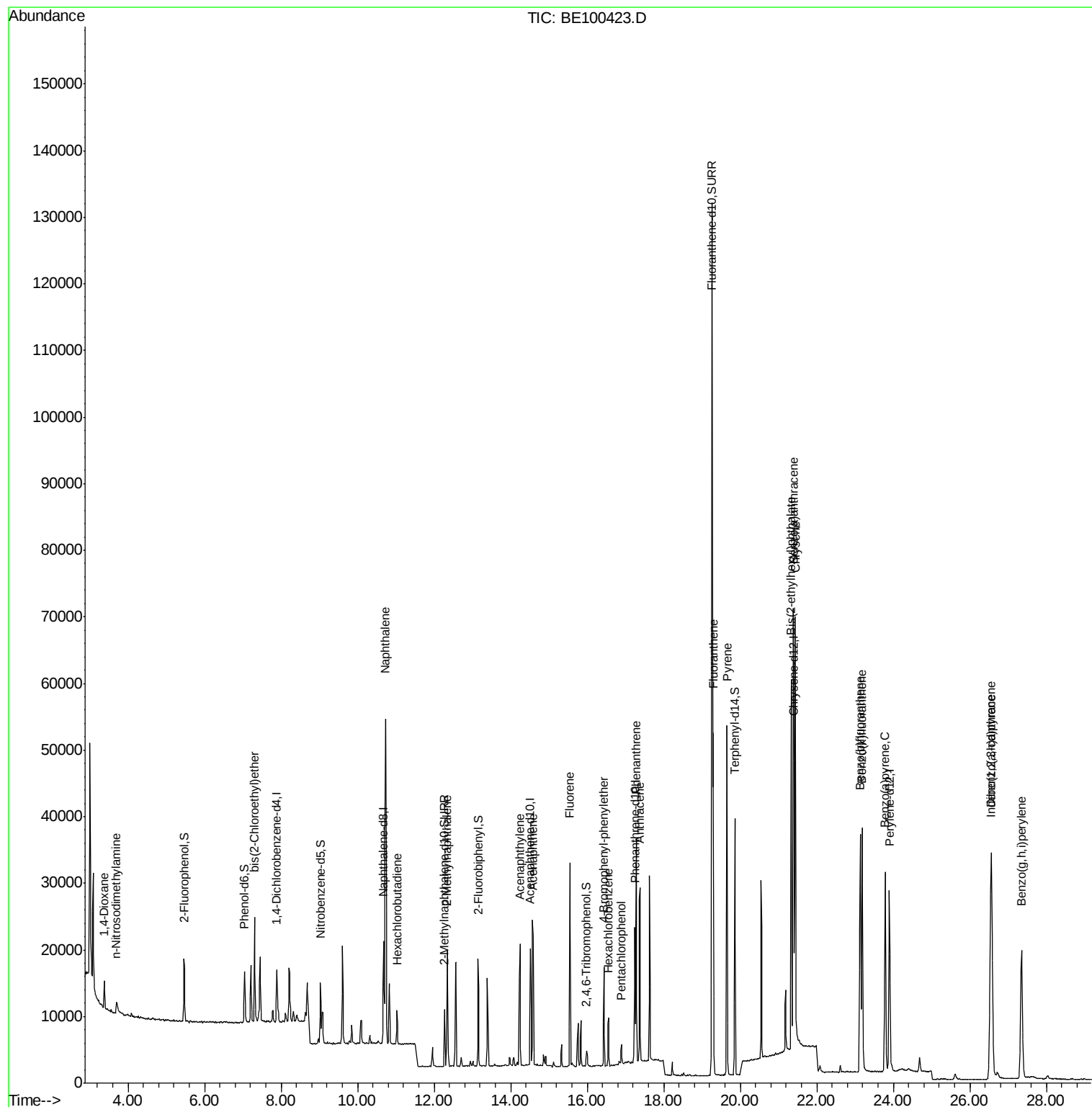
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.37	88	3124	0.432	ng	# 100
3) n-Nitrosodimethylamine	3.69	42	1319m	0.415	ng	
6) bis(2-Chloroethyl)ether	7.31	93	5715	0.411	ng	# 1
9) Naphthalene	10.73	128	76736	0.434	ng	99
10) Hexachlorobutadiene	11.03	225	3545	0.415	ng	93
12) 2-Methylnaphthalene	12.34	142	13342	0.435	ng	96
16) Acenaphthylene	14.24	152	22047	0.427	ng	100
17) Acenaphthene	14.59	154	13191	0.434	ng	99
18) Fluorene	15.54	166	17664	0.433	ng	99
20) 4-Bromophenyl-phenylether	16.44	248	6579	0.429	ng	98
21) Hexachlorobenzene	16.56	284	6770	0.428	ng	98
22) Pentachlorophenol	16.89	266	1885	0.414	ng	96
23) Phenanthrene	17.28	178	33098	0.449	ng	100
24) Anthracene	17.38	178	32081	0.435	ng	99
26) Fluoranthene	19.29	202	46161	0.436	ng	100
28) Pyrene	19.65	202	48096	0.457	ng	100
30) Benzo(a)anthracene	21.39	228	51809	0.434	ng	99
31) Chrysene	21.44	228	50151	0.438	ng	100
32) Bis(2-ethylhexyl)phthalate	21.33	149	69159	0.377	ng	100
33) Indeno(1,2,3-cd)pyrene	26.54	276	57184	0.406	ng	# 100
35) Benzo(b)fluoranthene	23.13	252	50507	0.425	ng	99
36) Benzo(k)fluoranthene	23.18	252	55656m	0.459	ng	
37) Benzo(a)pyrene	23.79	252	47870	0.426	ng	99
38) Dibenzo(a,h)anthracene	26.57	278	46901	0.420	ng	99
39) Benzo(g,h,i)perylene	27.35	276	47922	0.432	ng	99

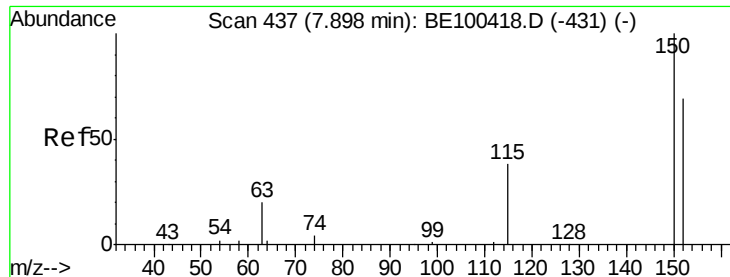
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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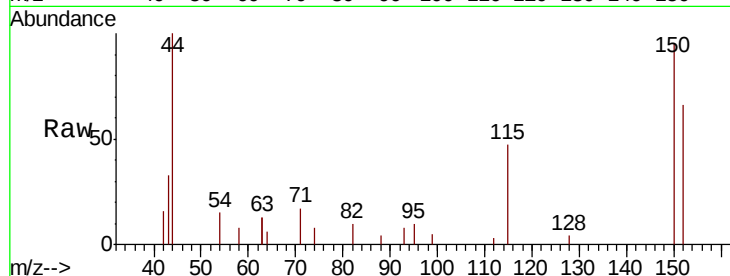


#1

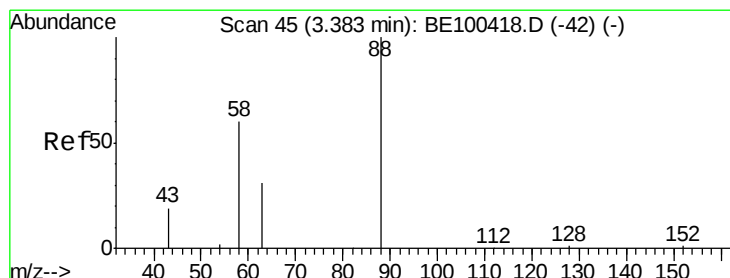
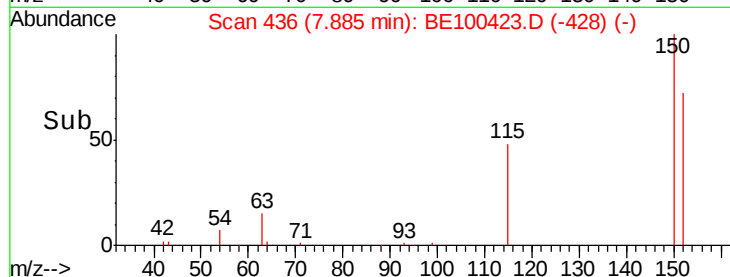
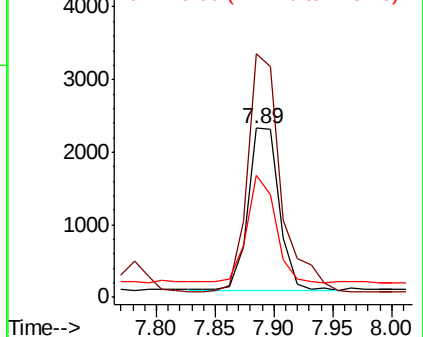
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.89 min Scan# 436
Delta R.T. -0.01 min
Lab File: BE100423.D
Acq: 12 Jul 2019 17:17

Instrument :
BNA_E
ClientSampleId :
ICVBE071219

Tot Ion:152 Resp: 4102
Ion Ratio Lower Upper
152 100
150 143.9 108.8 163.2
115 71.8 54.2 81.2



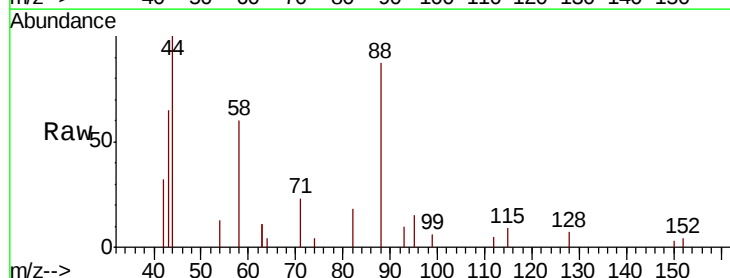
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



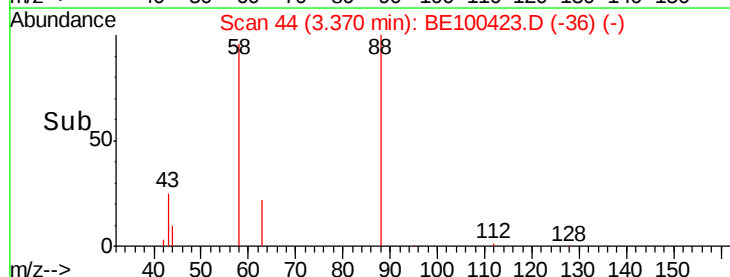
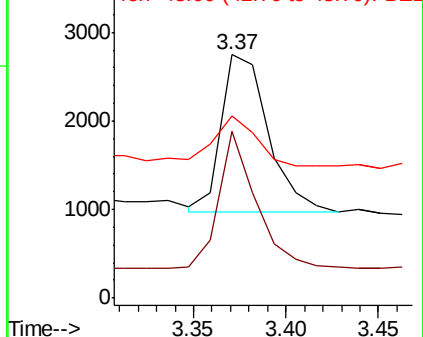
#2

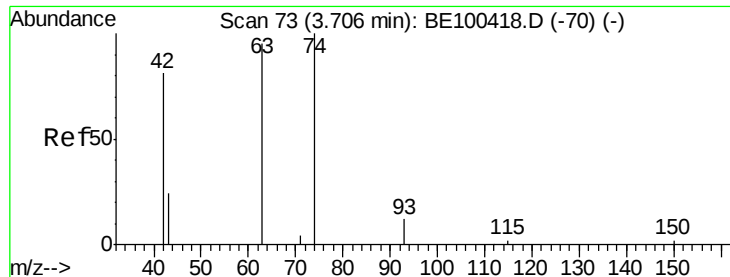
1,4-Dioxane
Concen: 0.432 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.01 min
Lab File: BE100423.D
Acq: 12 Jul 2019 17:17

Tgt Ion: 88 Resp: 3124
Ion Ratio Lower Upper
88 100
58 70.6 0.0 0.0#
43 32.0 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: 0.415 ng

RT: 3.69 min Scan# 72

Delta R.T. -0.01 min

Lab File: BE100423.D

Acq: 12 Jul 2019 17:17

Instrument :

BNA_E

ClientSampleId :

ICVBE071219

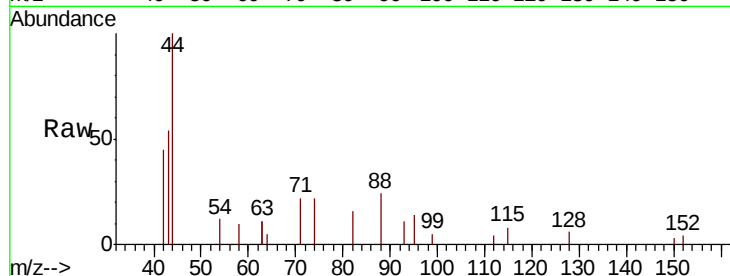
Tot Ion: 42 Resp: 1319

Ion Ratio Lower Upper

42 100

74 173.0 112.3 168.5#

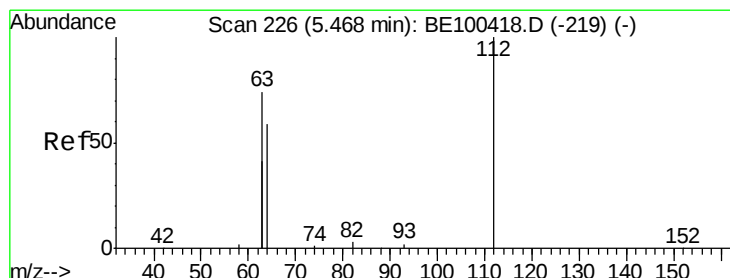
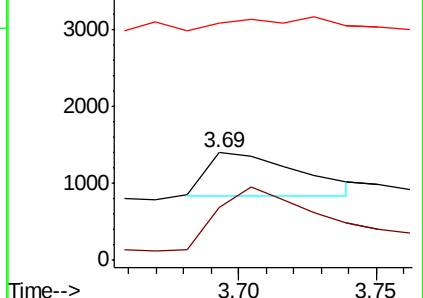
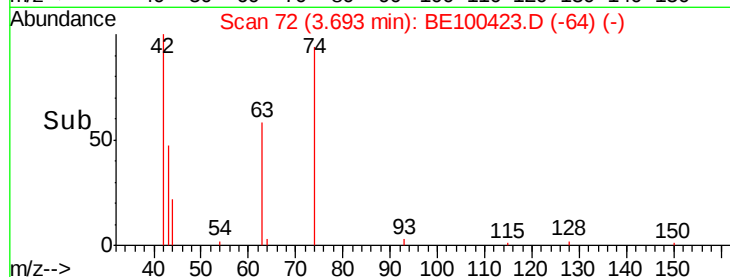
44 0.0 15.0 22.4#



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: 0.416 ng

RT: 5.47 min Scan# 226

Delta R.T. -0.00 min

Lab File: BE100423.D

Acq: 12 Jul 2019 17:17

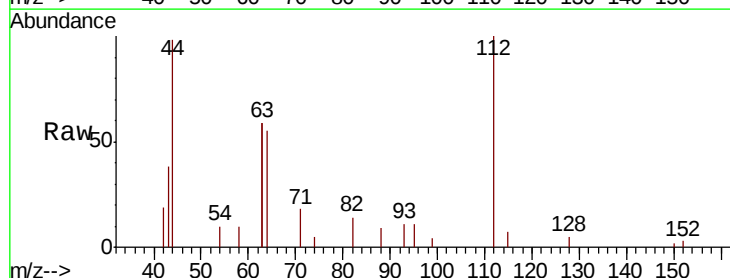
Tgt Ion: 112 Resp: 5265

Ion Ratio Lower Upper

112 100

64 68.1 56.6 84.8

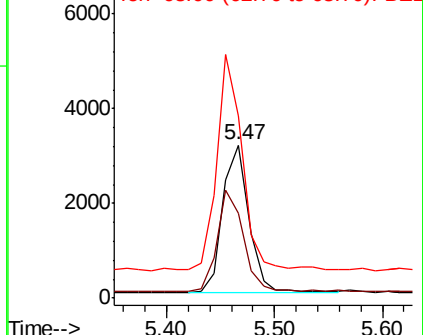
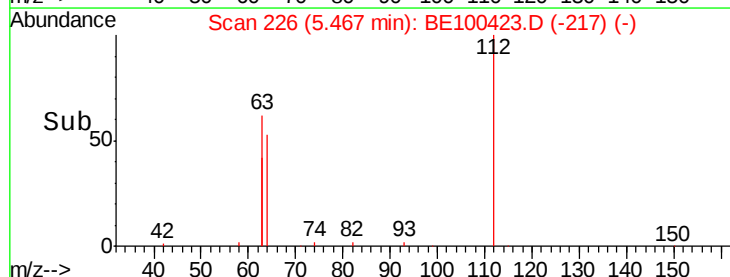
63 143.9 120.2 180.4

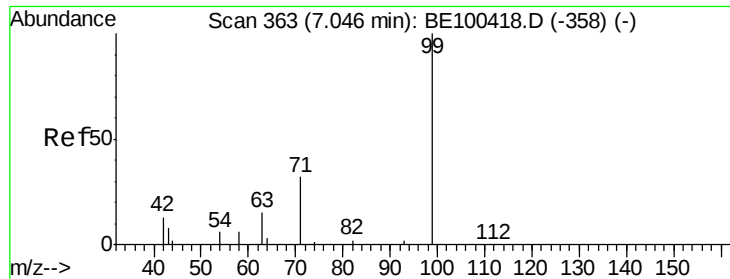


Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.402 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE100423.D

Acq: 12 Jul 2019 17:17

Instrument :

BNA_E

ClientSampleId :

ICVBE071219

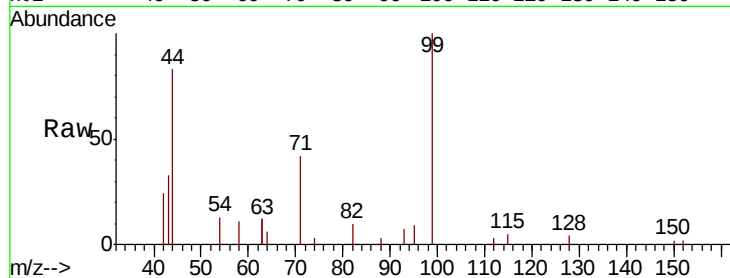
Tot Ion: 99 Resp: 7490

Ion Ratio Lower Upper

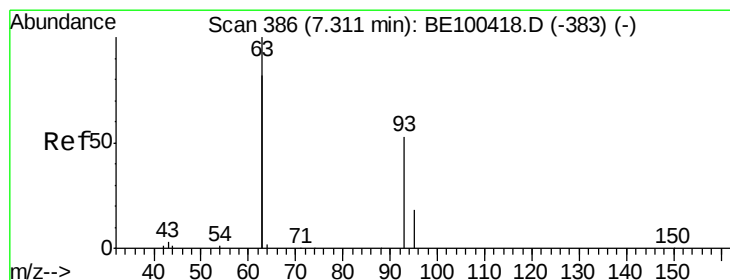
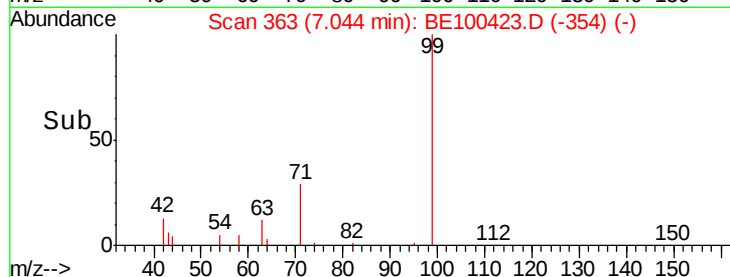
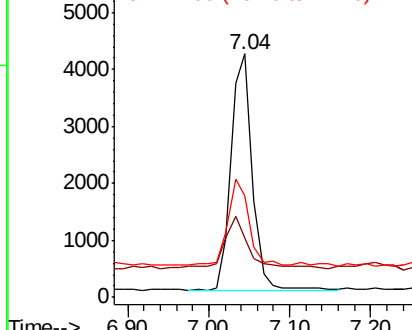
99 100

42 22.1 0.0 0.0#

71 35.7 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BE1
Ion 42.00 (41.70 to 42.70): BE1
Ion 71.00 (70.70 to 71.70): BE1



#6

bis(2-Chloroethyl)ether

Concen: 0.411 ng

RT: 7.31 min Scan# 386

Delta R.T. -0.00 min

Lab File: BE100423.D

Acq: 12 Jul 2019 17:17

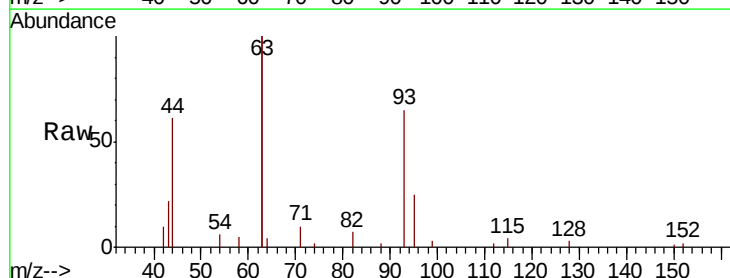
Tgt Ion: 93 Resp: 5715

Ion Ratio Lower Upper

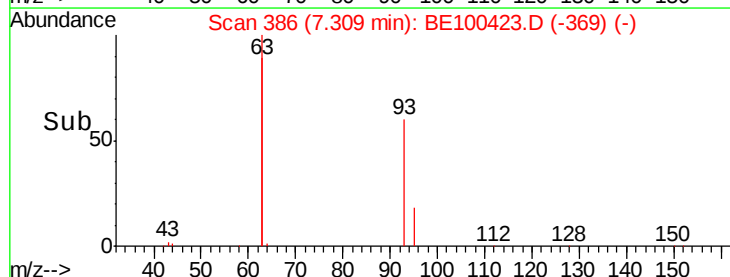
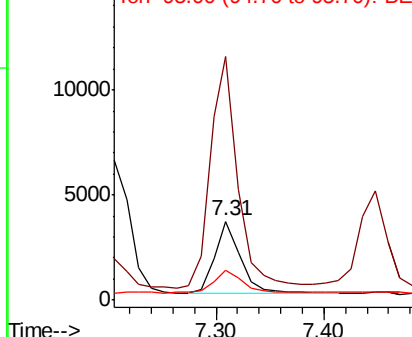
93 100

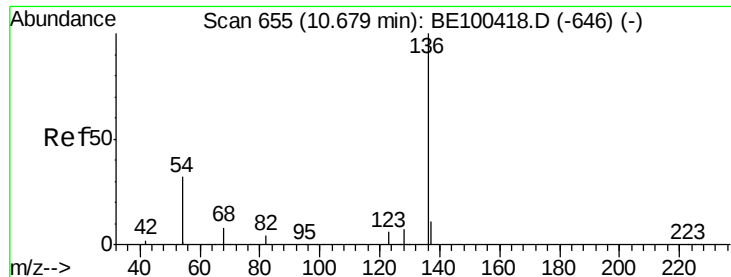
63 340.8 101.4 152.2#

95 36.2 0.0 0.0#



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: 10.68 min Scan# 655

Delta R.T. -0.00 min

Lab File: BE100423.D

Acq: 12 Jul 2019 17:17

Instrument :

BNA_E

ClientSampleId :

ICVBE071219

Tot Ion:136 Resp: 16454

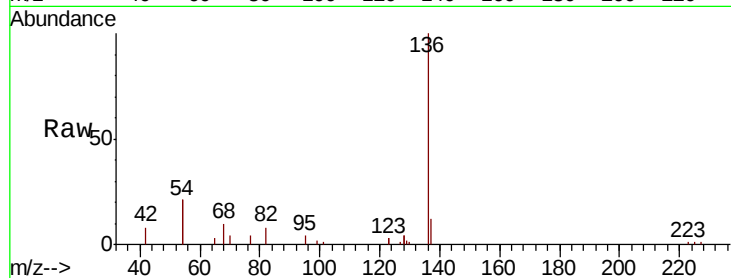
Ion Ratio Lower Upper

136 100

137 12.1 10.1 15.1

54 42.1 49.8 74.6#

68 10.3 14.0 21.0#

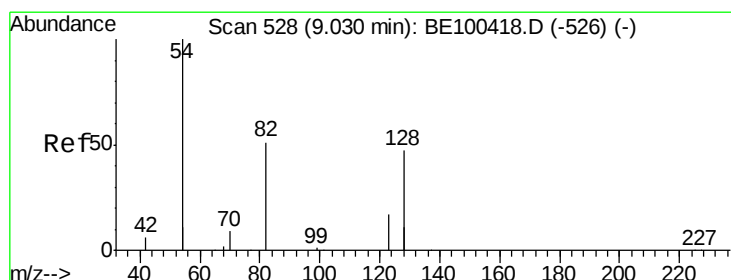
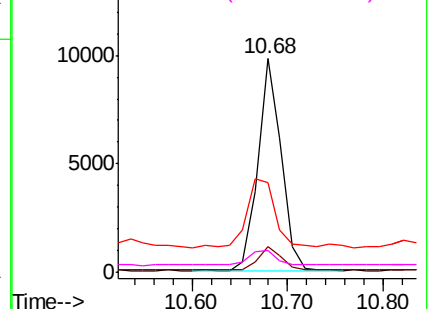
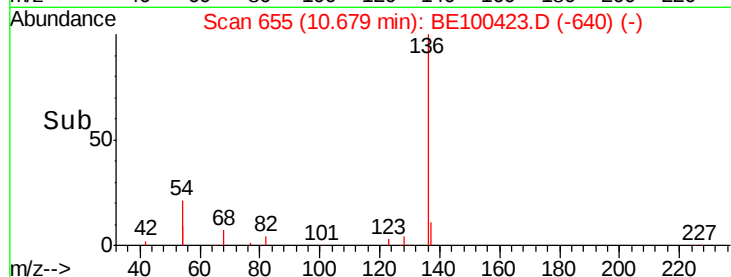


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.429 ng

RT: 9.03 min Scan# 528

Delta R.T. -0.00 min

Lab File: BE100423.D

Acq: 12 Jul 2019 17:17

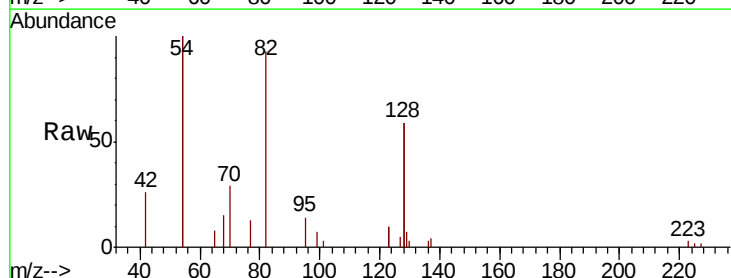
Tgt Ion: 82 Resp: 3552

Ion Ratio Lower Upper

82 100

128 125.8 88.3 132.5

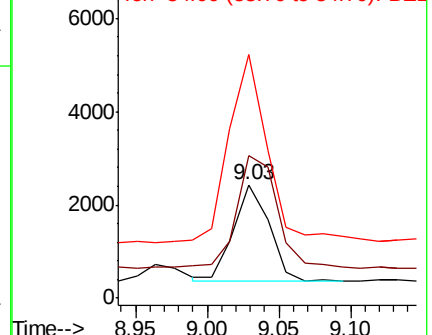
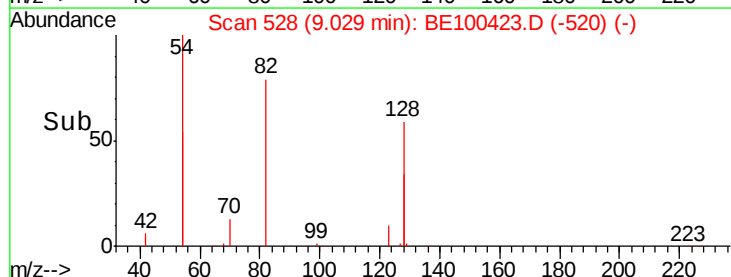
54 215.0 189.6 284.4

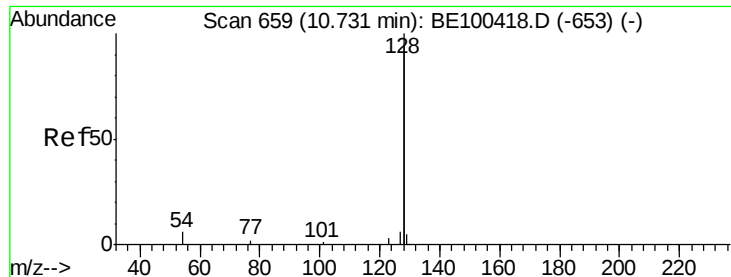


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.434 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.00 min

Lab File: BE100423.D

Acq: 12 Jul 2019 17:17

Instrument :

BNA_E

ClientSampleId :

ICVBE071219

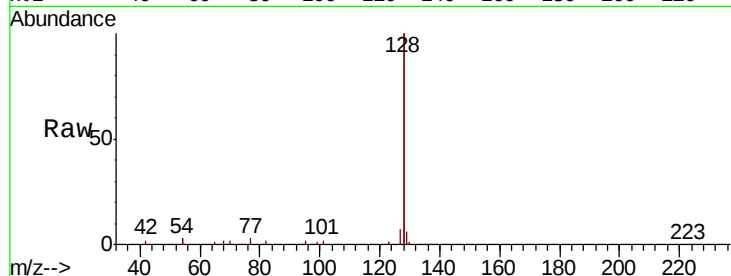
Tot Ion:128 Resp: 76736

Ion Ratio Lower Upper

128 100

129 3.0 2.7 4.1

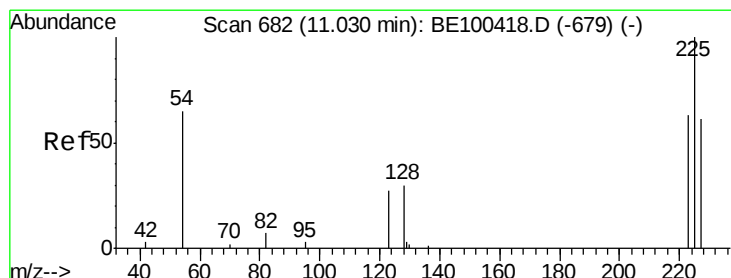
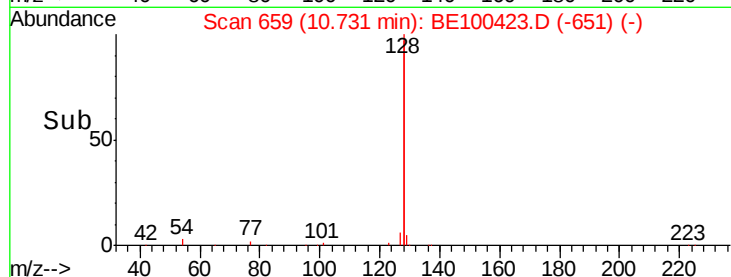
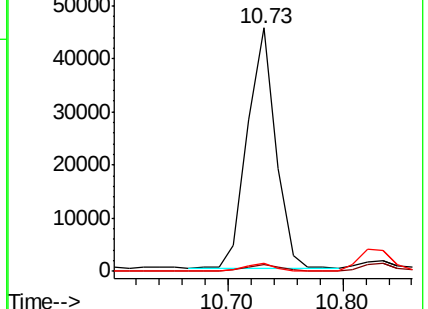
127 3.4 3.0 4.4



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: 0.415 ng

RT: 11.03 min Scan# 682

Delta R.T. -0.00 min

Lab File: BE100423.D

Acq: 12 Jul 2019 17:17

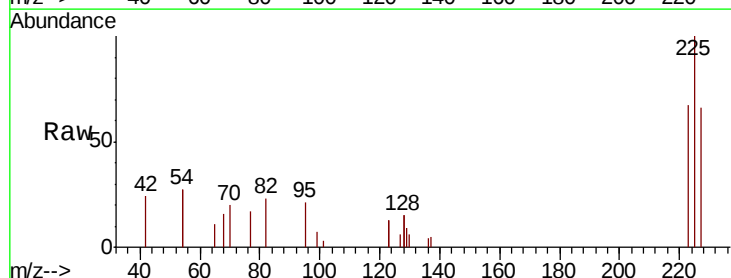
Tgt Ion:225 Resp: 3545

Ion Ratio Lower Upper

225 100

223 64.9 48.2 72.4

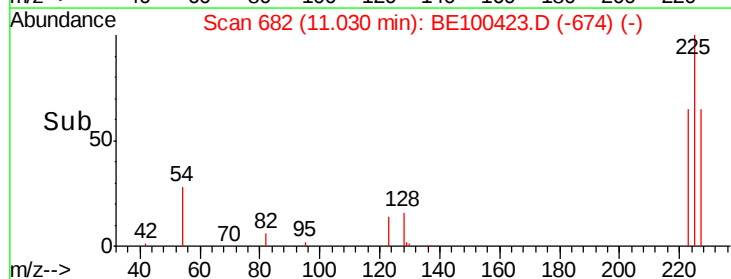
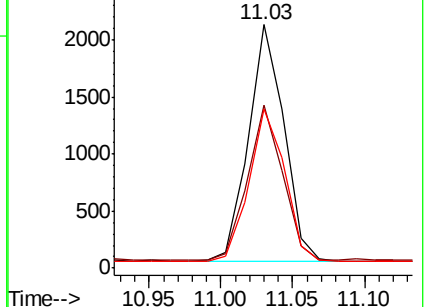
227 65.2 47.8 71.6

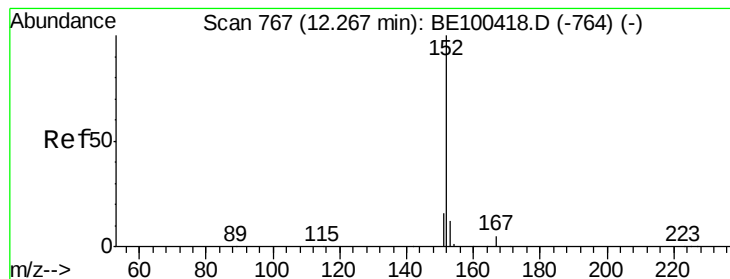


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.433 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE100423.D

Acq: 12 Jul 2019 17:17

Instrument :

BNA_E

ClientSampleId :

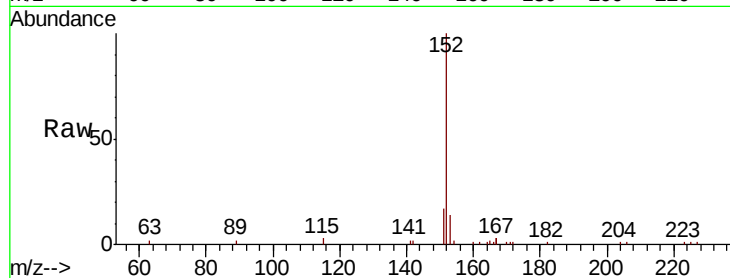
ICVBE071219

Tot Ion:152 Resp: 11872

Ion Ratio Lower Upper

152 100

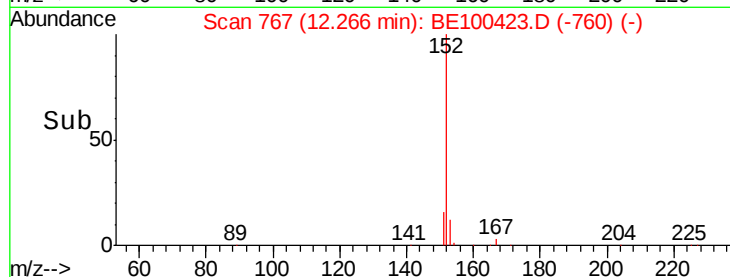
151 19.1 15.8 23.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.27



12.27

12.27

12.27

12.27

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12.27

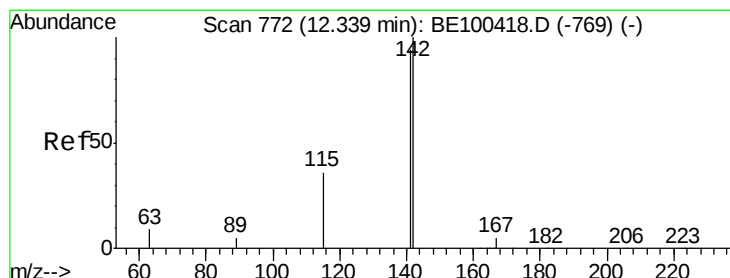
12.27

12.27

12.27

12.27

12.27



#12

2-Methylnaphthalene

Concen: 0.435 ng

RT: 12.34 min Scan# 772

Delta R.T. -0.00 min

Lab File: BE100423.D

Acq: 12 Jul 2019 17:17

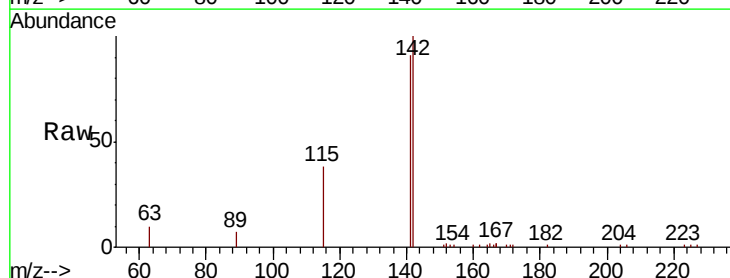
Tgt Ion:142 Resp: 13342

Ion Ratio Lower Upper

142 100

141 91.1 76.2 114.2

115 38.2 32.6 49.0



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

12.34

12.34

12.34

12.34

12.34

12.34

12.34

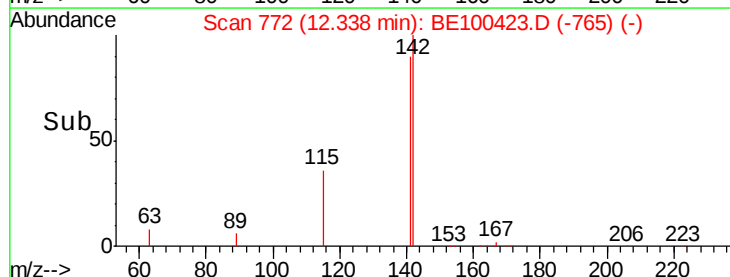
12.34

12.34

12.34

12.34

12.34



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

12.34

12.34

12.34

12.34

12.34

12.34

12.34

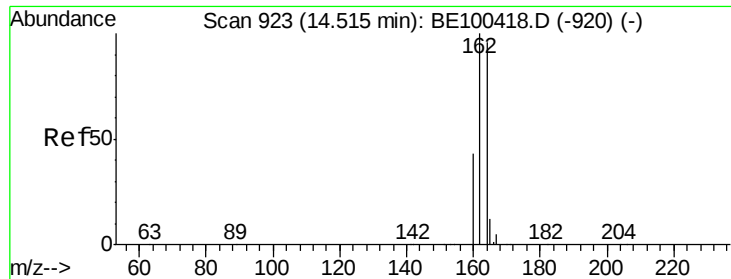
12.34

12.34

12.34

12.34

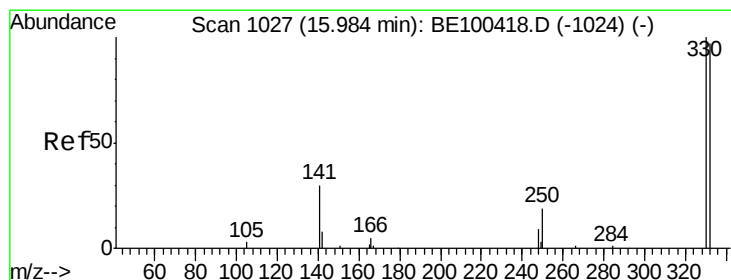
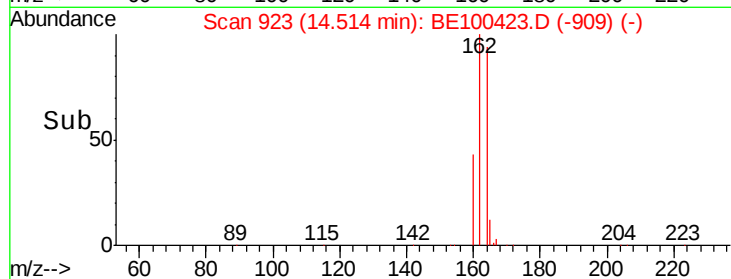
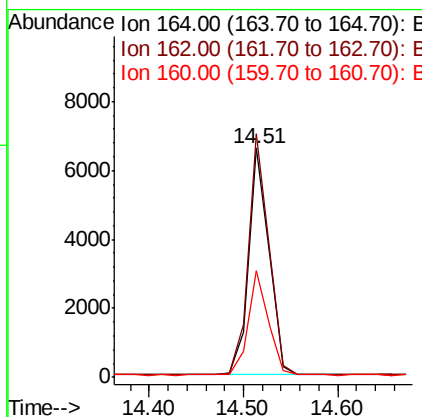
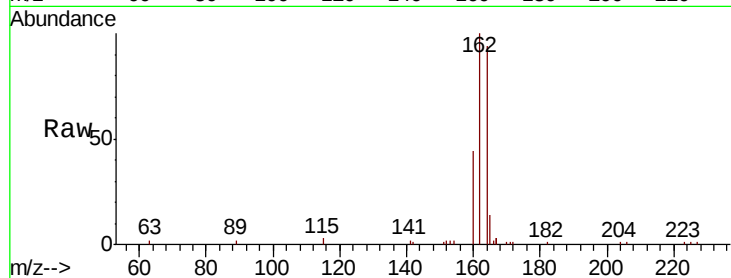
12.34



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.51 min Scan# 923
Delta R.T. -0.00 min
Lab File: BE100423.D
Acq: 12 Jul 2019 17:17

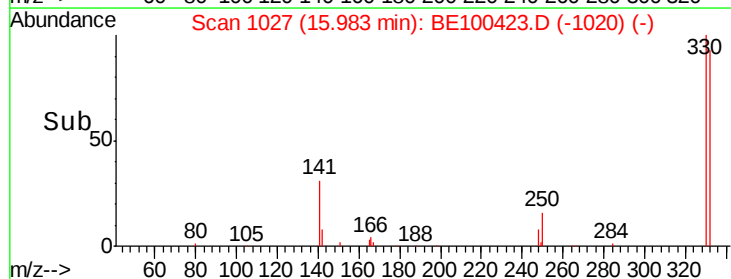
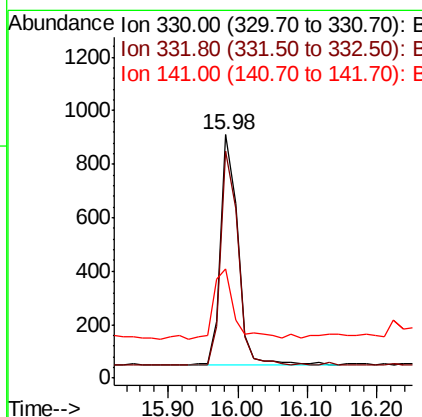
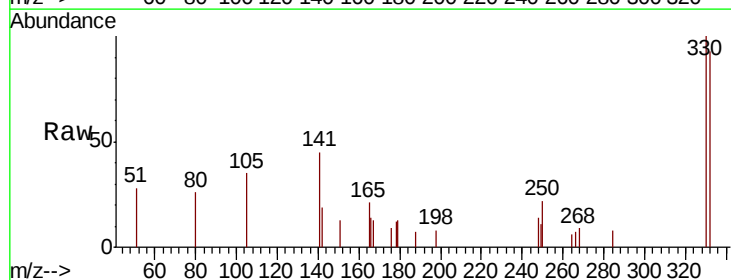
Instrument :
BNA_E
ClientSampleId :
ICVBE071219

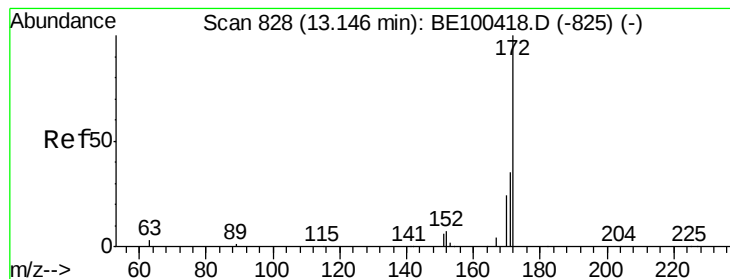
Tot Ion:164 Resp: 9901
Ion Ratio Lower Upper
164 100
162 106.2 83.0 124.4
160 46.5 37.0 55.4



#14
2,4,6-Tribromophenol
Concen: 0.392 ng
RT: 15.98 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE100423.D
Acq: 12 Jul 2019 17:17

Tgt Ion:330 Resp: 1472
Ion Ratio Lower Upper
330 100
332 93.0 82.2 123.2
141 37.0 30.0 45.0

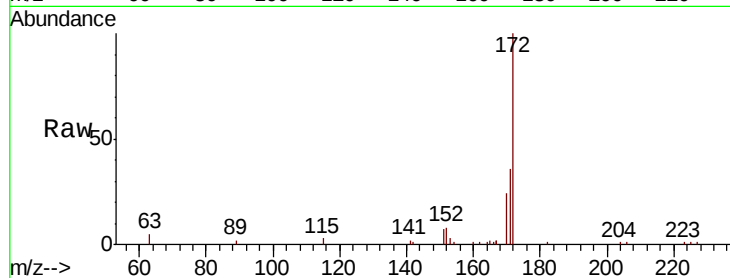




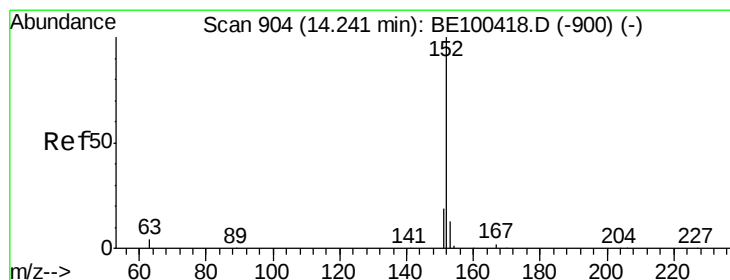
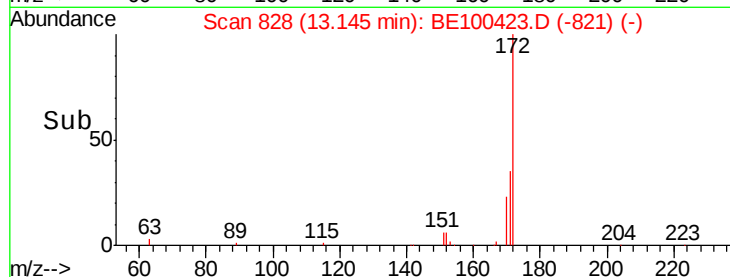
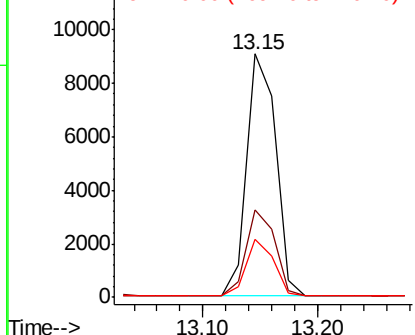
#15
2-Fluorobiphenyl
Concen: 0.434 ng
RT: 13.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE100423.D
Acq: 12 Jul 2019 17:17

Instrument :
BNA_E
ClientSampleId :
ICVBE071219

Tot Ion:172 Resp: 15825
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 24.1 19.7 29.5

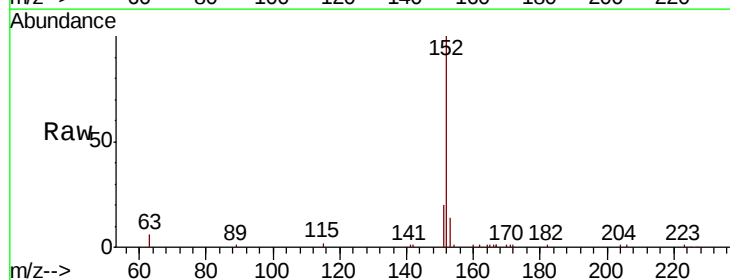


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

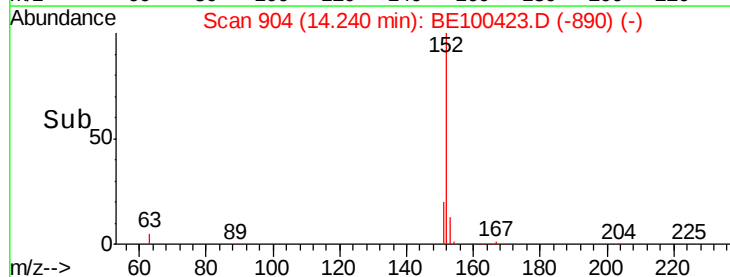
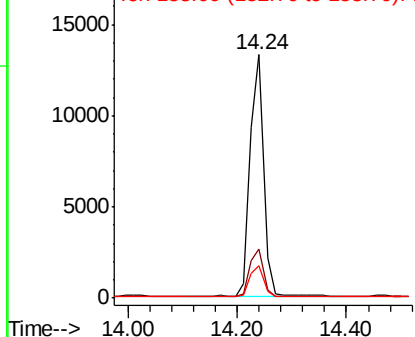


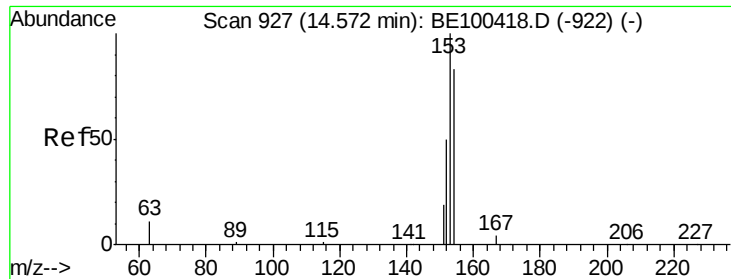
#16
Acenaphthylene
Concen: 0.427 ng
RT: 14.24 min Scan# 904
Delta R.T. -0.00 min
Lab File: BE100423.D
Acq: 12 Jul 2019 17:17

Tgt Ion:152 Resp: 22047
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.6 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.434 ng

RT: 14.59 min Scan# 928

Delta R.T. 0.01 min

Lab File: BE100423.D

Acq: 12 Jul 2019 17:17

Instrument :

BNA_E

ClientSampleId :

ICVBE071219

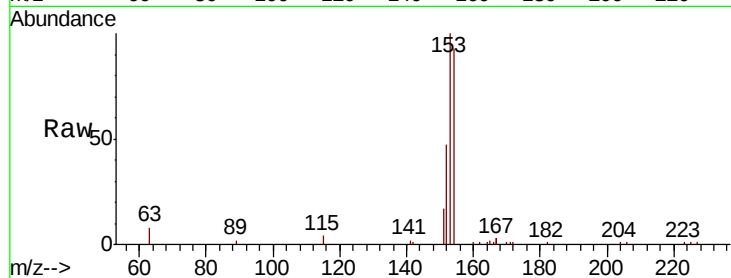
Tot Ion:154 Resp: 13191

Ion Ratio Lower Upper

154 100

153 113.7 92.6 138.8

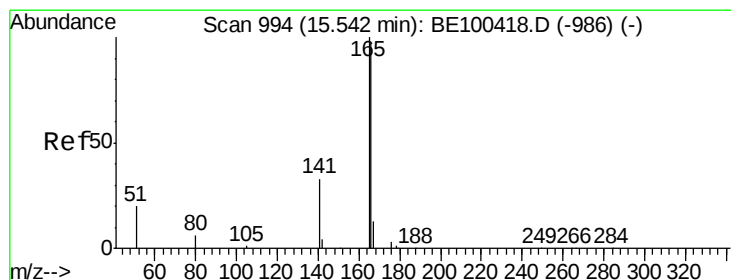
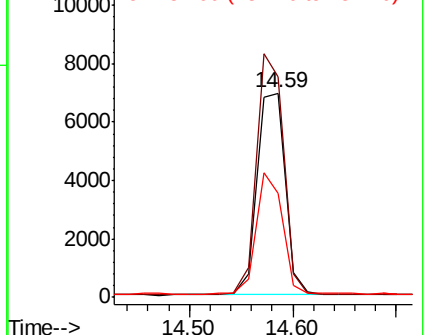
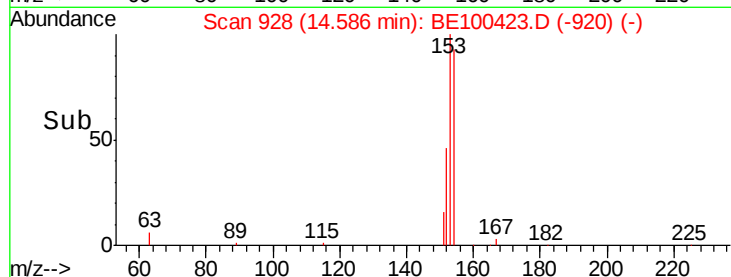
152 55.3 44.5 66.7



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: 0.433 ng

RT: 15.54 min Scan# 994

Delta R.T. -0.00 min

Lab File: BE100423.D

Acq: 12 Jul 2019 17:17

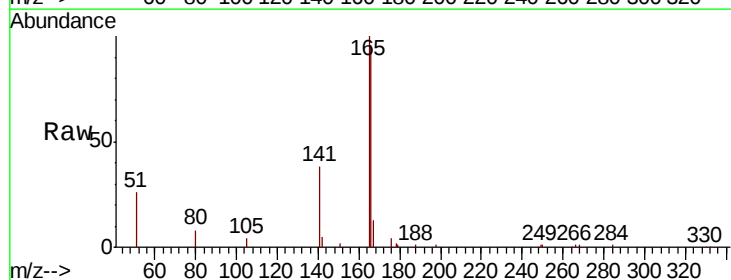
Tgt Ion:166 Resp: 17664

Ion Ratio Lower Upper

166 100

165 99.1 80.0 120.0

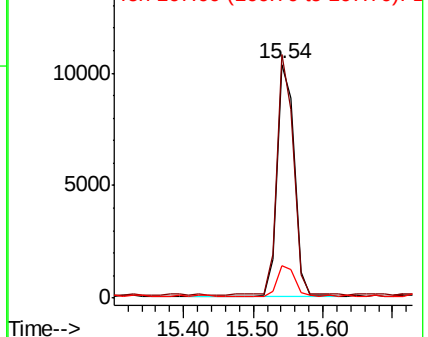
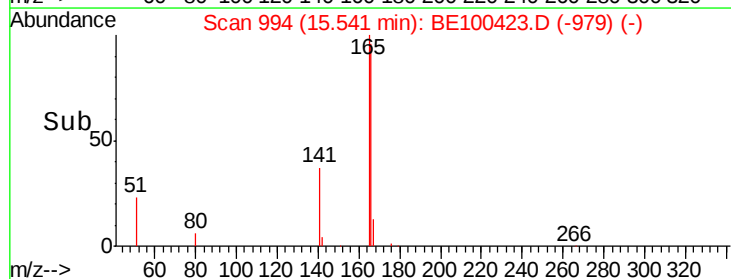
167 13.7 11.0 16.4

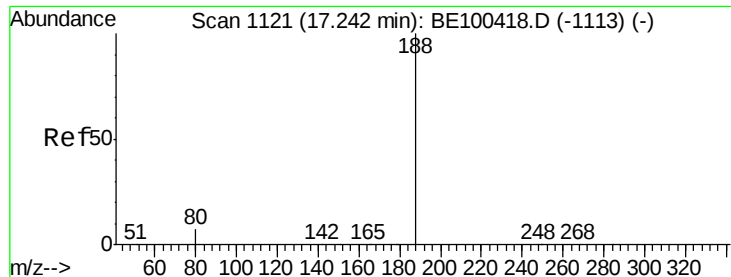


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

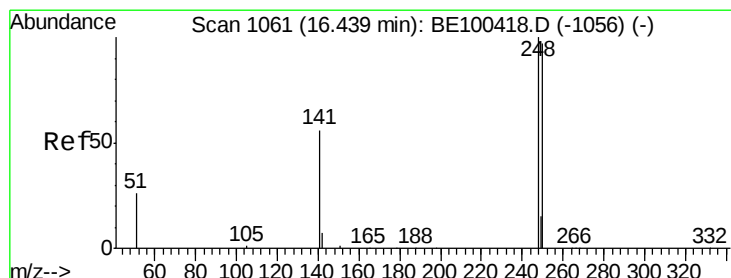
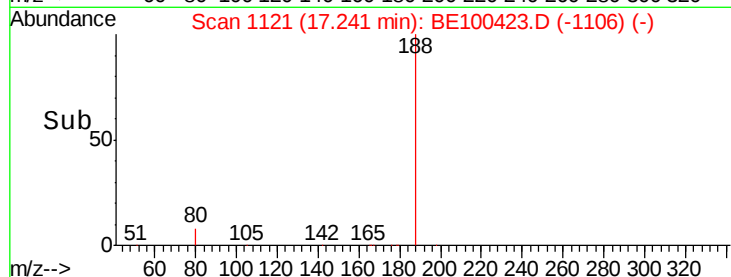
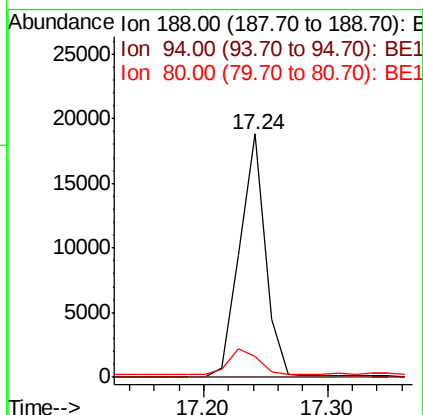
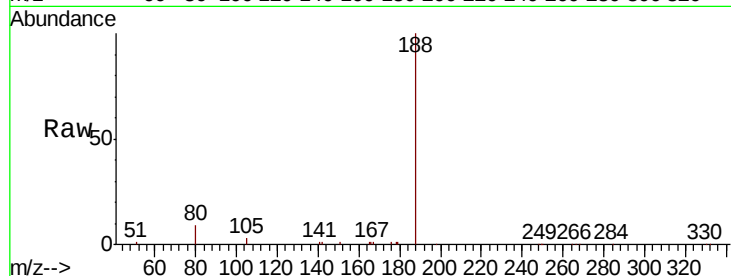




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE100423.D
Acq: 12 Jul 2019 17:17

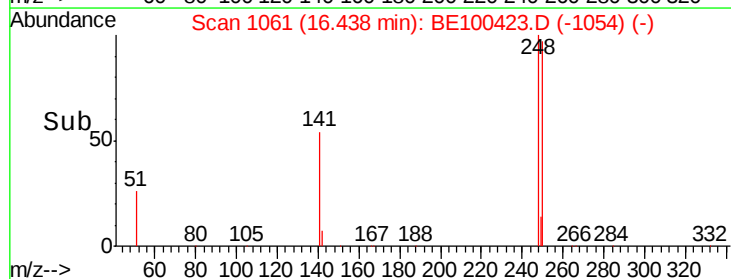
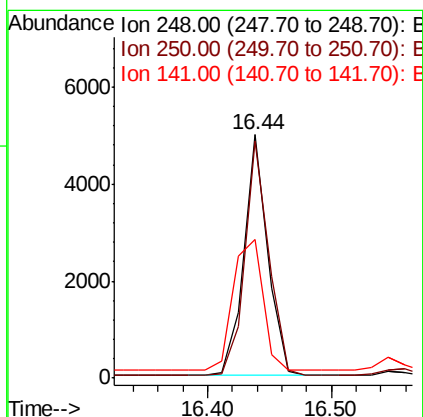
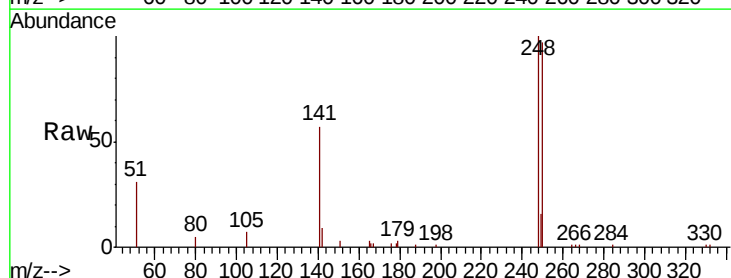
Instrument :
BNA_E
ClientSampleId :
ICVBE071219

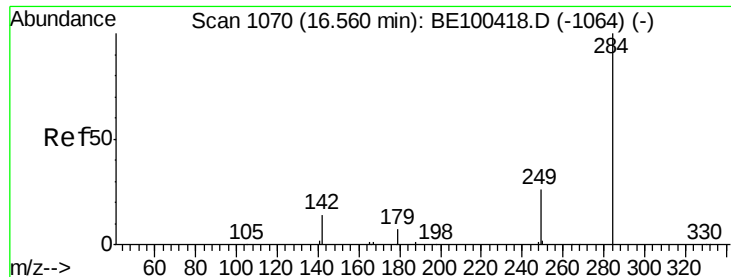
Tot Ion:188 Resp: 26888
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 7.7 11.5



#20
4-Bromophenyl-phenylether
Concen: 0.429 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100423.D
Acq: 12 Jul 2019 17:17

Tgt Ion:248 Resp: 6579
Ion Ratio Lower Upper
248 100
250 97.4 77.8 116.6
141 56.8 49.0 73.6





#21

Hexachlorobenzene

Concen: 0.428 ng

RT: 16.56 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BE100423.D

Acq: 12 Jul 2019 17:17

Instrument :

BNA_E

ClientSampleId :

ICVBE071219

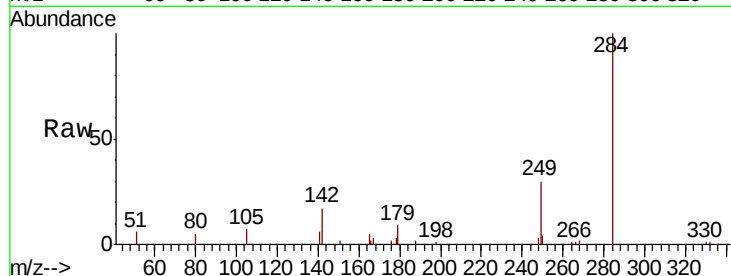
Tot Ion:284 Resp: 6770

Ion Ratio Lower Upper

284 100

142 31.7 26.7 40.1

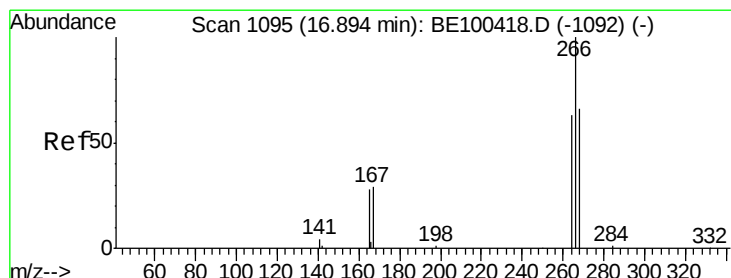
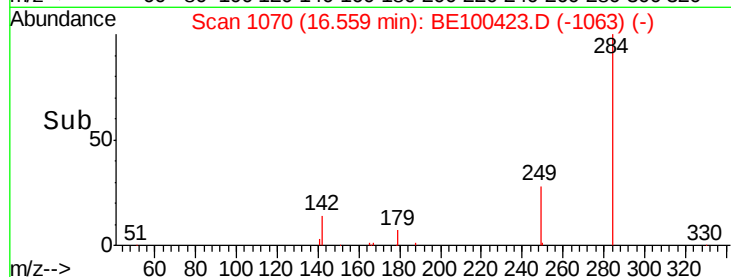
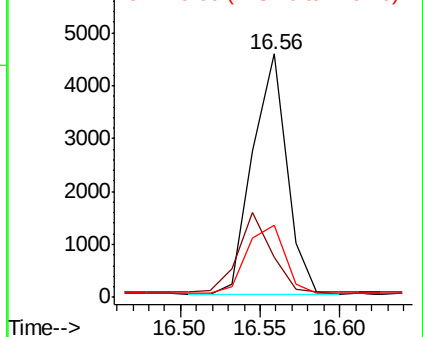
249 31.5 25.6 38.4



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: 0.414 ng

RT: 16.89 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BE100423.D

Acq: 12 Jul 2019 17:17

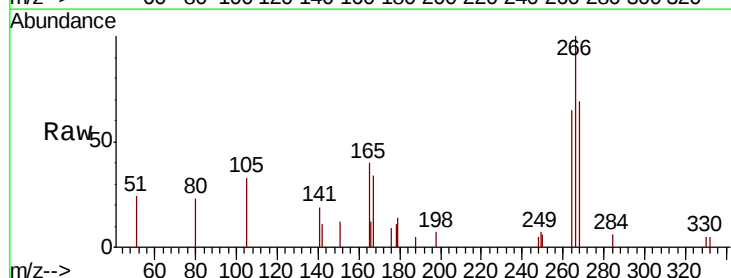
Tgt Ion:266 Resp: 1885

Ion Ratio Lower Upper

266 100

264 64.9 53.3 79.9

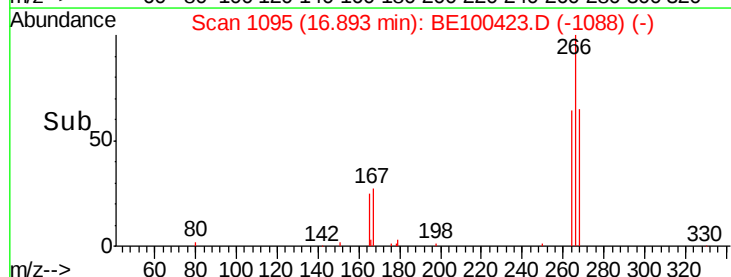
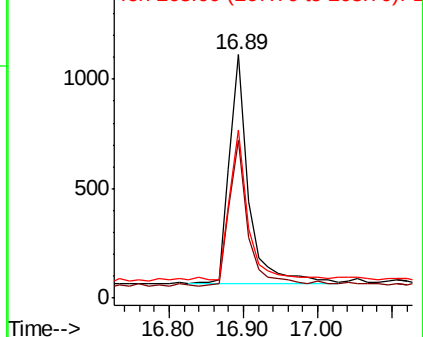
268 69.2 59.1 88.7

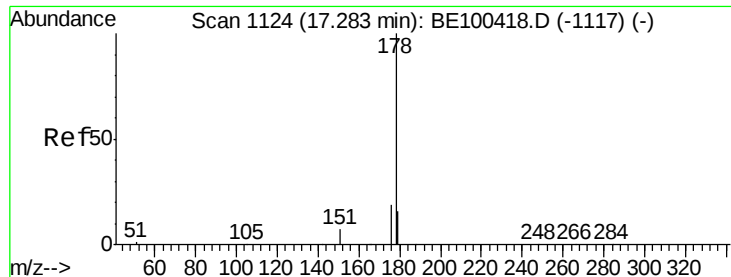


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.449 ng

RT: 17.28 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BE100423.D

Acq: 12 Jul 2019 17:17

Instrument :

BNA_E

ClientSampleId :

ICVBE071219

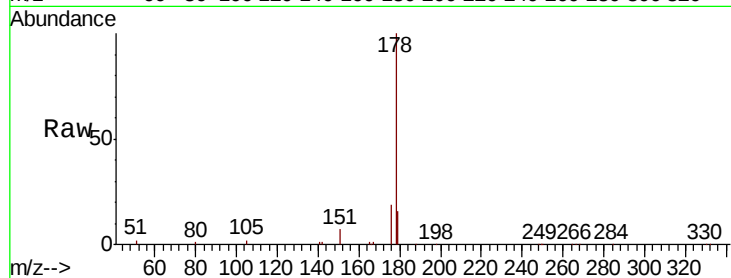
Tot Ion:178 Resp: 33098

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

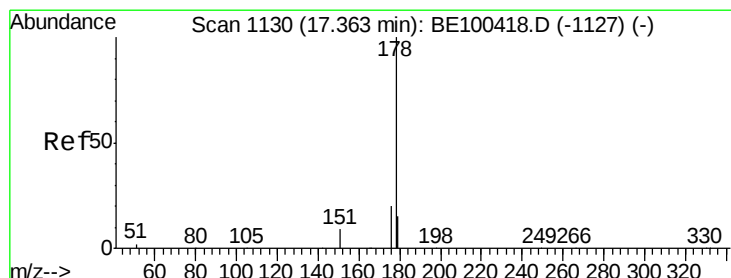
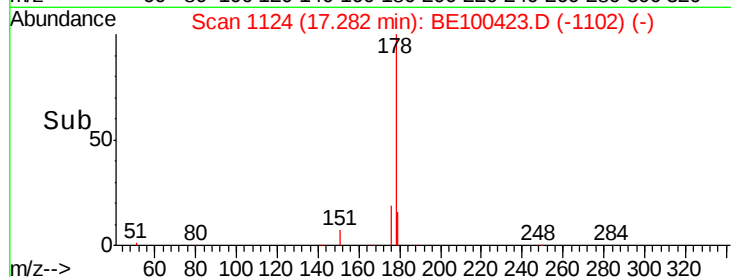
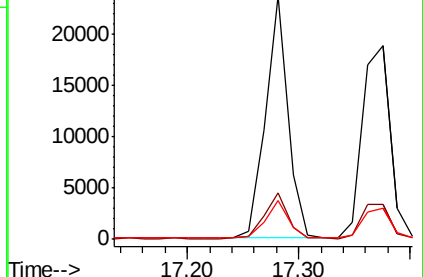
179 15.8 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.435 ng

RT: 17.38 min Scan# 1131

Delta R.T. 0.01 min

Lab File: BE100423.D

Acq: 12 Jul 2019 17:17

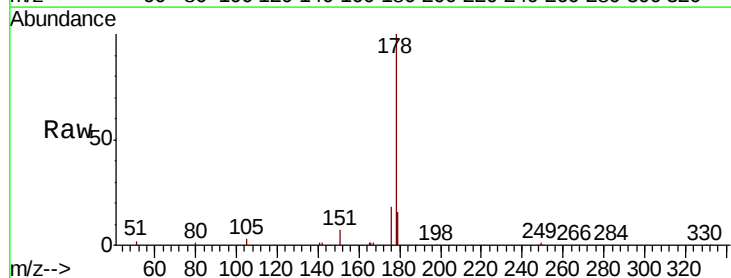
Tgt Ion:178 Resp: 32081

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

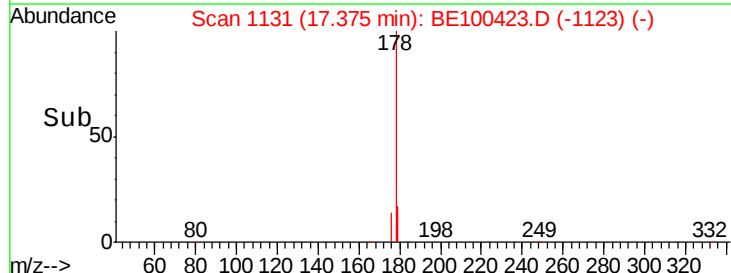
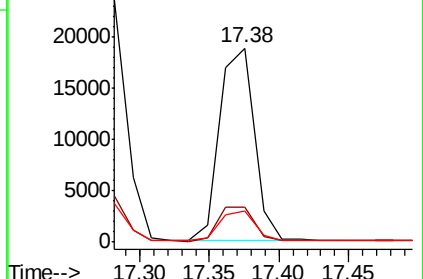
179 15.4 12.6 19.0

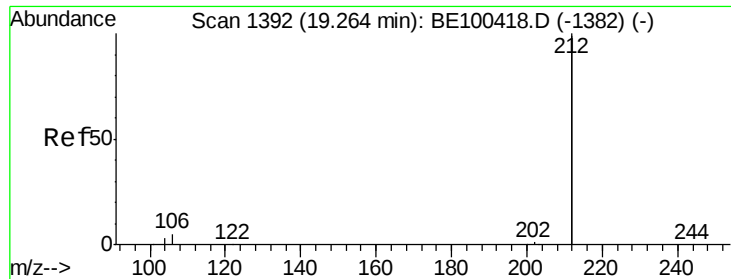


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.429 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE100423.D

Acq: 12 Jul 2019 17:17

Instrument :

BNA_E

ClientSampleId :

ICVBE071219

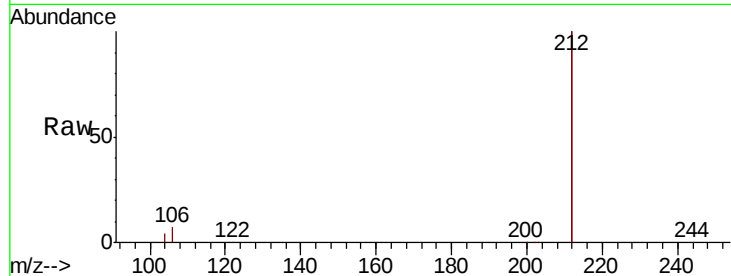
Tot Ion:212 Resp: 169233

Ion Ratio Lower Upper

212 100

106 3.1 2.5 3.7

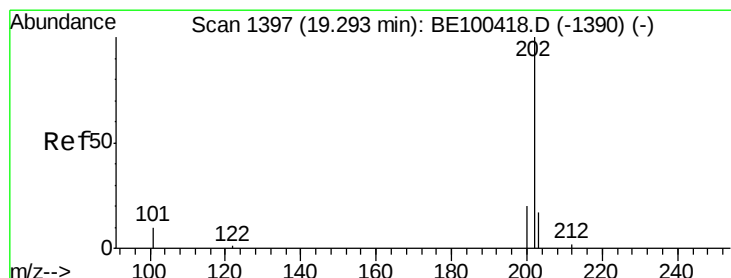
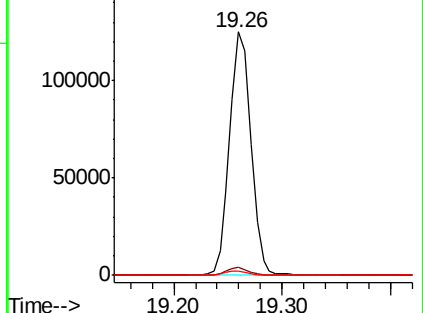
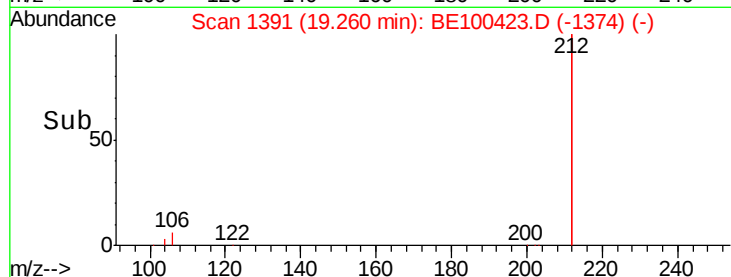
104 1.7 1.4 2.0



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: 0.436 ng

RT: 19.29 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BE100423.D

Acq: 12 Jul 2019 17:17

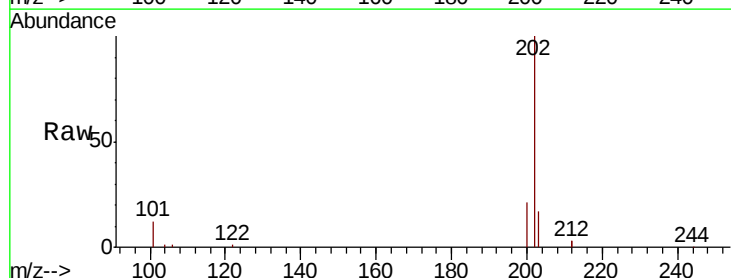
Tgt Ion:202 Resp: 46161

Ion Ratio Lower Upper

202 100

101 11.3 8.9 13.3

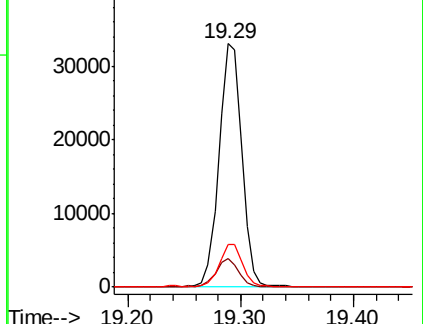
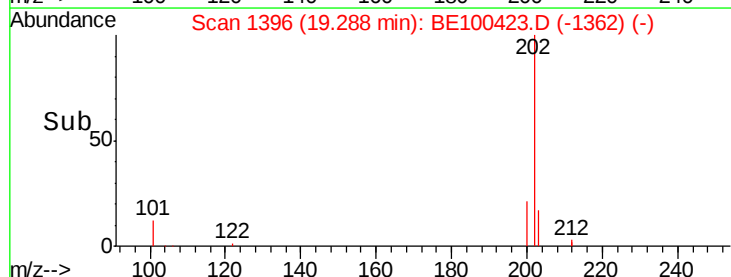
203 17.2 13.8 20.6

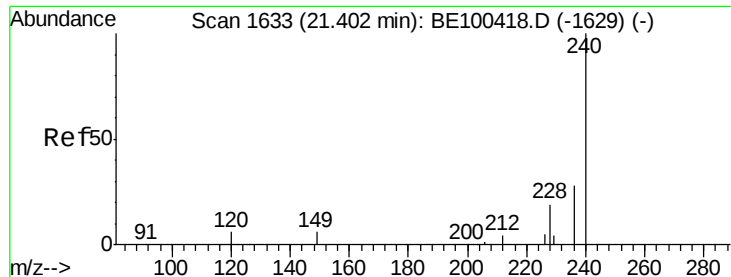


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

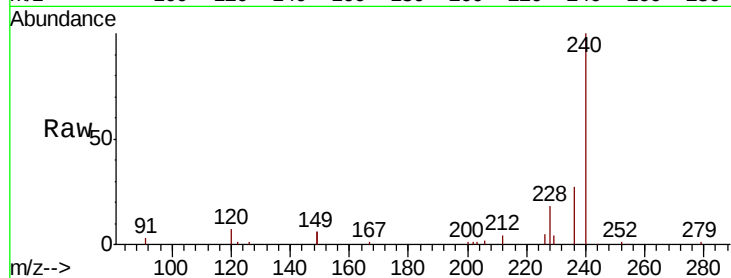




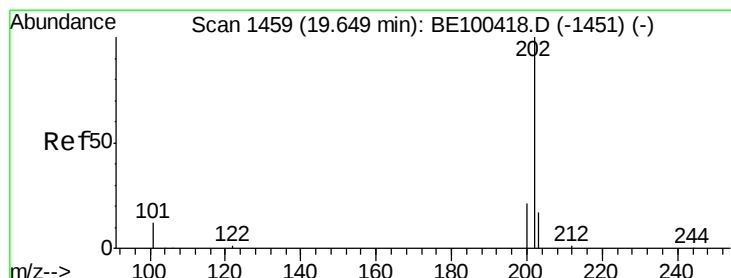
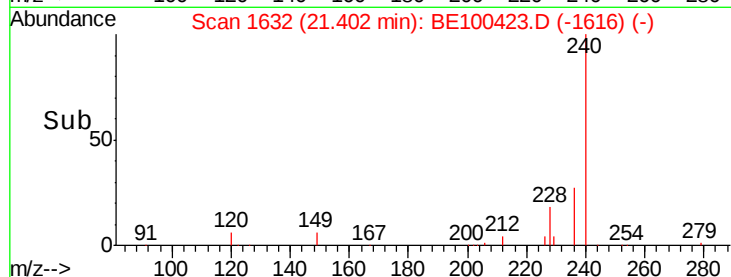
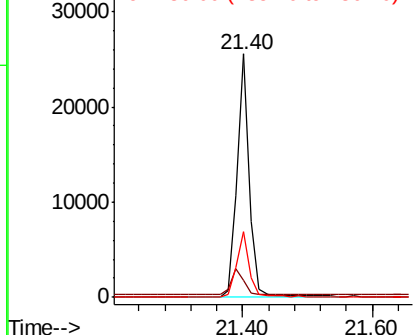
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE100423.D
Acq: 12 Jul 2019 17:17

Instrument :
BNA_E
ClientSampleId :
ICVBE071219

Tot Ion:240 Resp: 33471
Ion Ratio Lower Upper
240 100
120 7.1 6.1 9.1
236 27.2 22.5 33.7

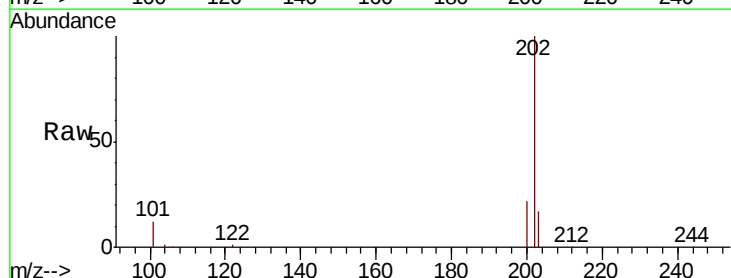


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

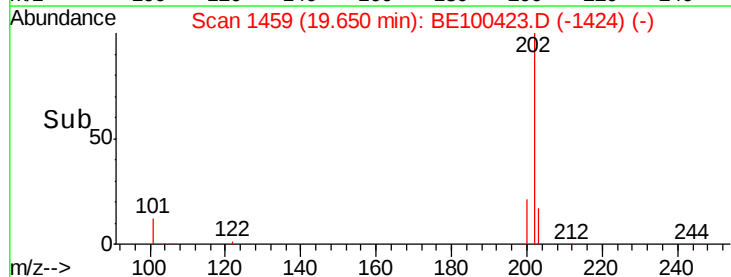
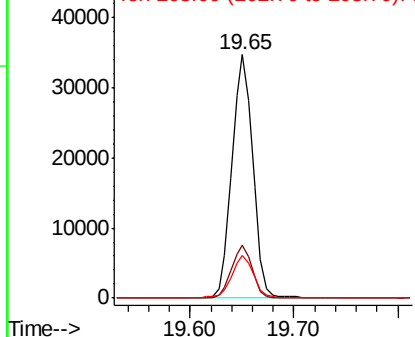


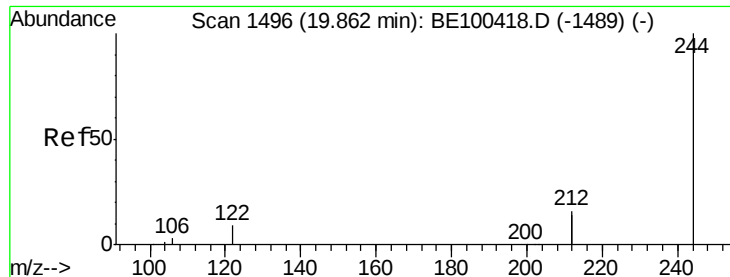
#28
Pyrene
Concen: 0.457 ng
RT: 19.65 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BE100423.D
Acq: 12 Jul 2019 17:17

Tgt Ion:202 Resp: 48096
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.6 14.1 21.1



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: 0.450 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BE100423.D

Acq: 12 Jul 2019 17:17

Instrument :

BNA_E

ClientSampleId :

ICVBE071219

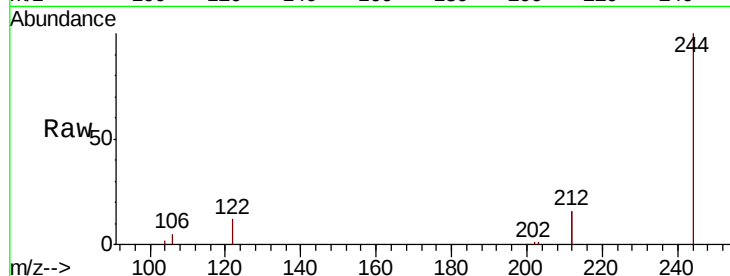
Tot Ion:244 Resp: 33277

Ion Ratio Lower Upper

244 100

212 32.9 25.0 37.6

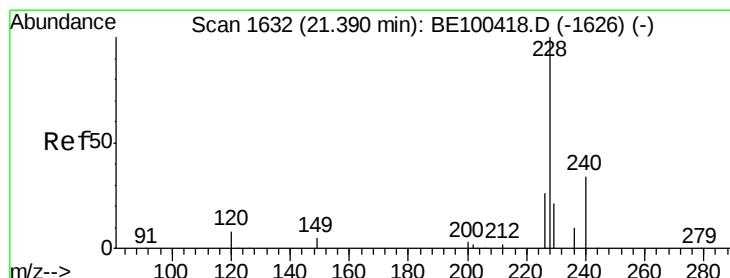
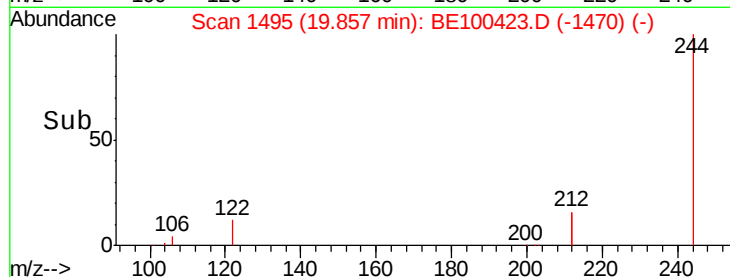
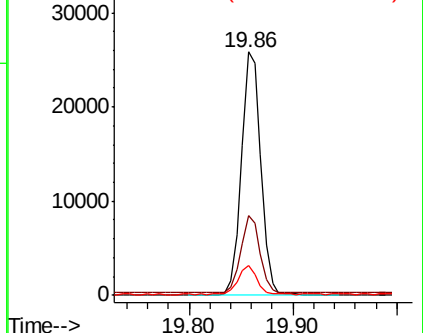
122 12.2 7.7 11.5#



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: 0.434 ng

RT: 21.39 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BE100423.D

Acq: 12 Jul 2019 17:17

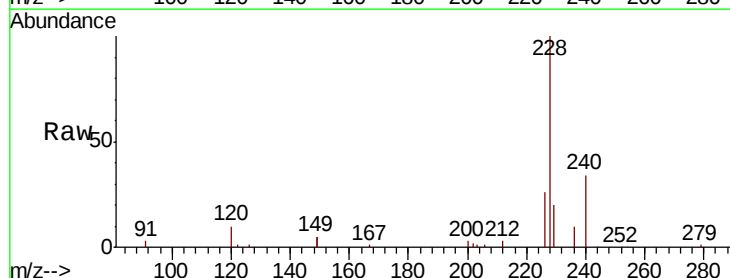
Tgt Ion:228 Resp: 51809

Ion Ratio Lower Upper

228 100

226 26.3 21.0 31.4

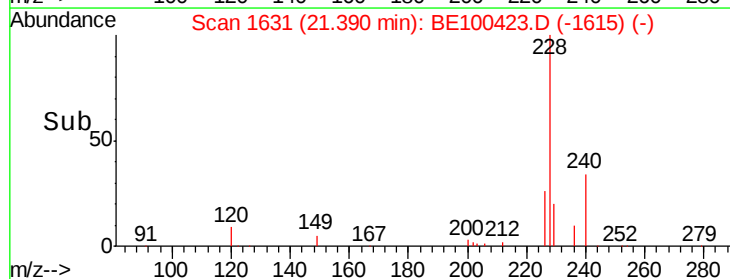
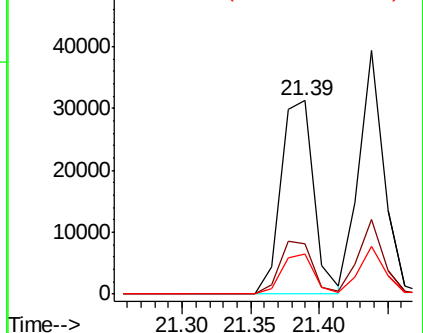
229 20.5 16.7 25.1

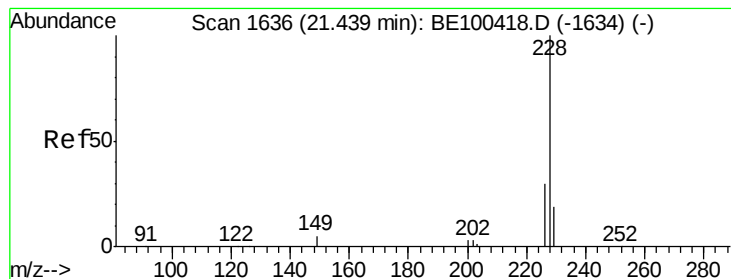


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.438 ng

RT: 21.44 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BE100423.D

Acq: 12 Jul 2019 17:17

Instrument :

BNA_E

ClientSampleId :

ICVBE071219

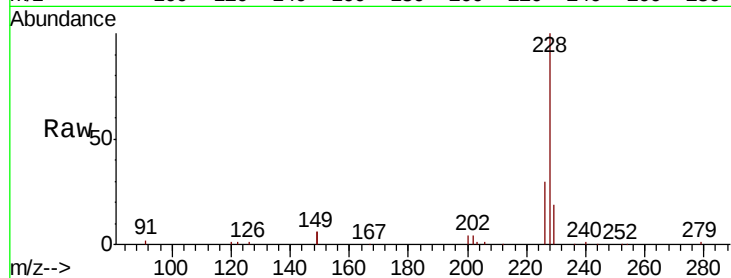
Tot Ion:228 Resp: 50151

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.4

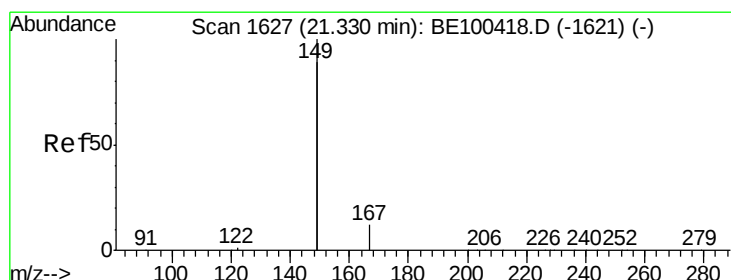
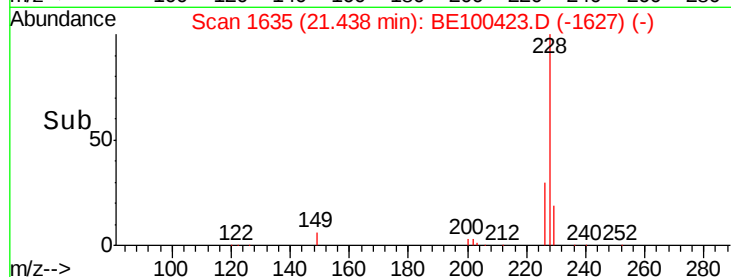
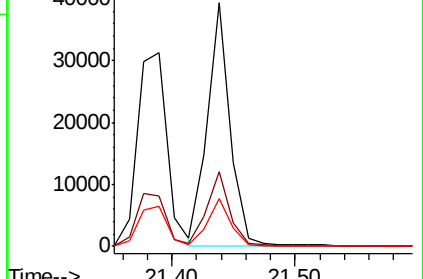
229 19.4 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.377 ng

RT: 21.33 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BE100423.D

Acq: 12 Jul 2019 17:17

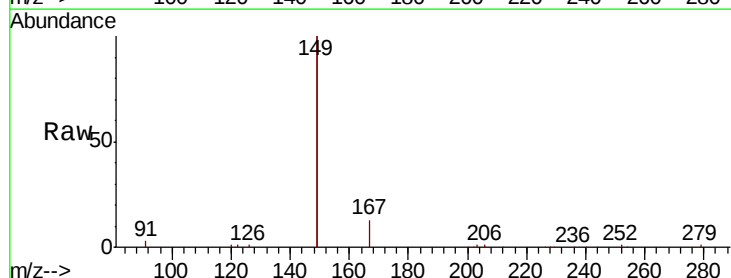
Tgt Ion:149 Resp: 69159

Ion Ratio Lower Upper

149 100

167 6.6 5.4 8.2

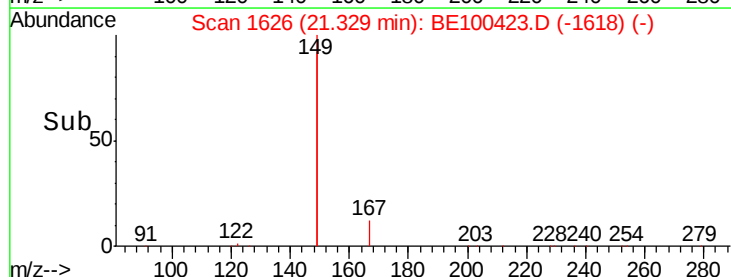
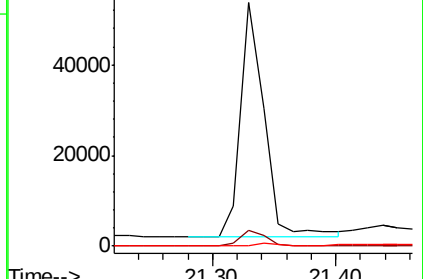
279 1.0 0.8 1.2

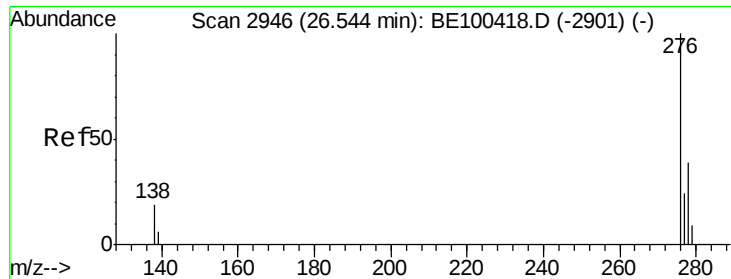


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

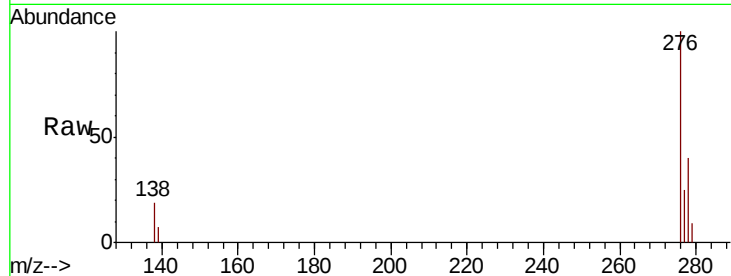




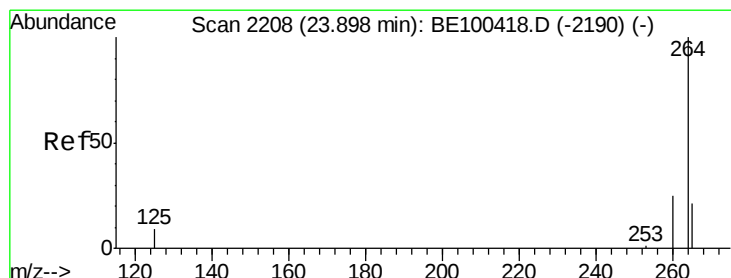
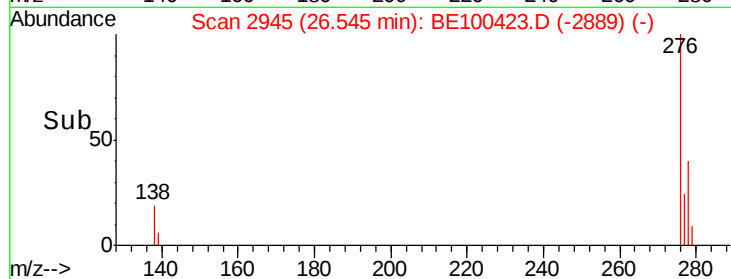
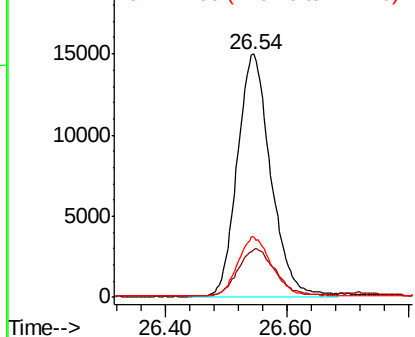
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng
RT: 26.54 min Scan# 2945
Delta R.T. 0.00 min
Lab File: BE100423.D
Acq: 12 Jul 2019 17:17

Instrument :
BNA_E
ClientSampleId :
ICVBE071219

Tot Ion:276 Resp: 57184
Ion Ratio Lower Upper
276 100
138 21.1 0.0 0.0#
277 24.8 0.0 0.0#

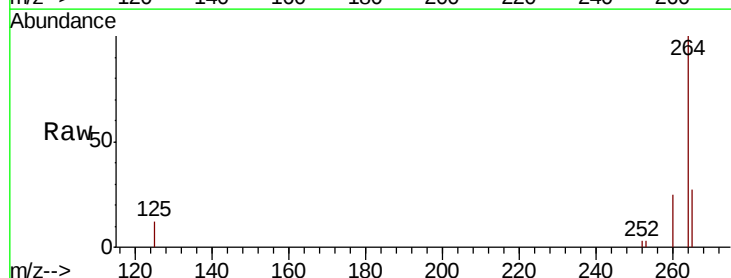


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

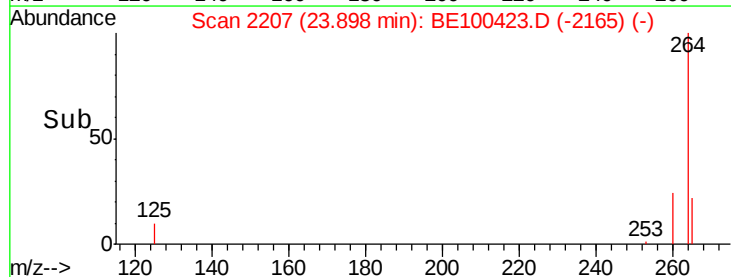
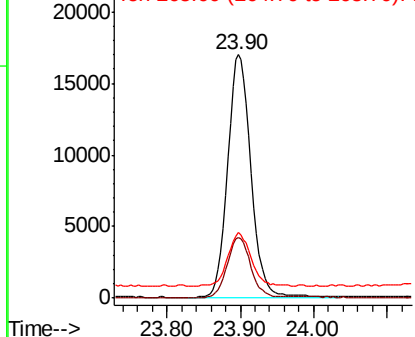


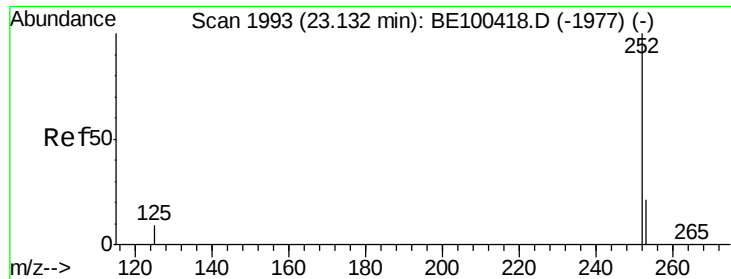
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BE100423.D
Acq: 12 Jul 2019 17:17

Tgt Ion:264 Resp: 37753
Ion Ratio Lower Upper
264 100
260 24.8 20.0 30.0
265 26.8 20.8 31.2



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: 0.425 ng

RT: 23.13 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BE100423.D

Acq: 12 Jul 2019 17:17

Instrument :

BNA_E

ClientSampleId :

ICVBE071219

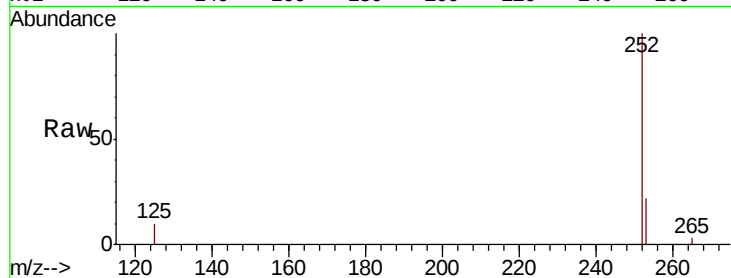
Tot Ion:252 Resp: 50507

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

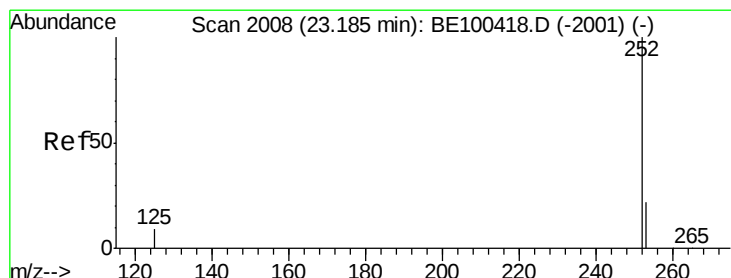
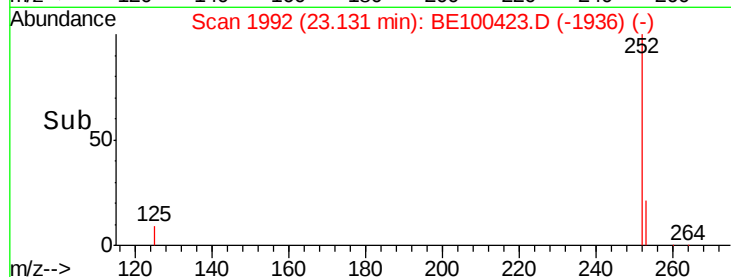
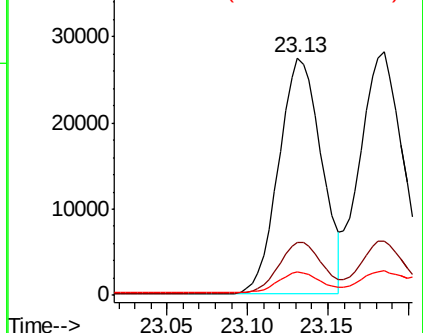
125 9.7 8.5 12.7



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



#36

Benzo(k)fluoranthene

Concen: 0.459 ng m

RT: 23.18 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BE100423.D

Acq: 12 Jul 2019 17:17

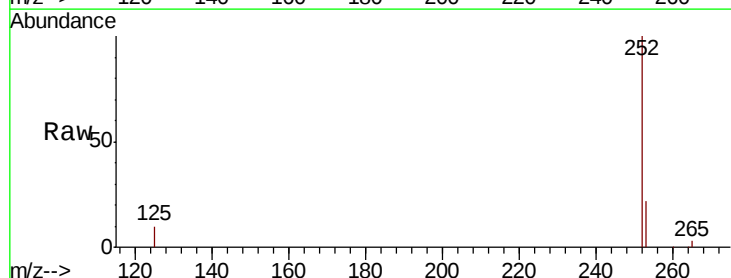
Tgt Ion:252 Resp: 55656

Ion Ratio Lower Upper

252 100

253 22.3 18.5 27.7

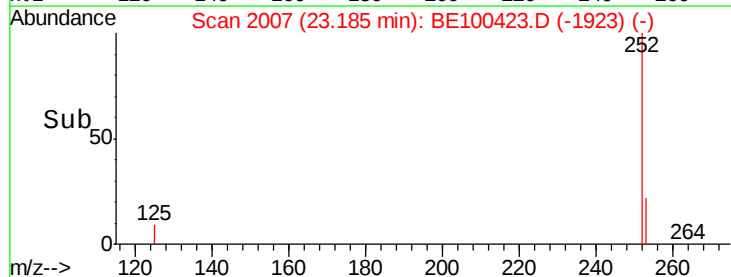
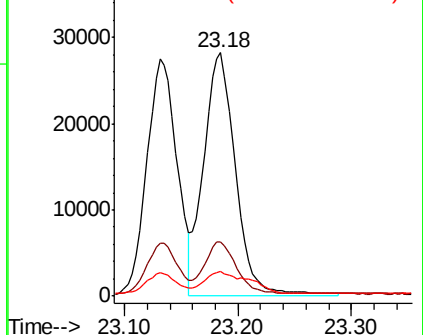
125 10.1 8.5 12.7

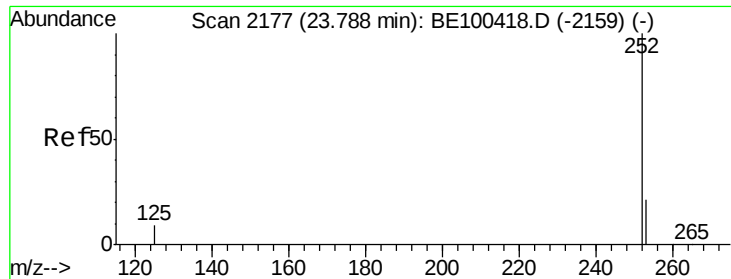


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

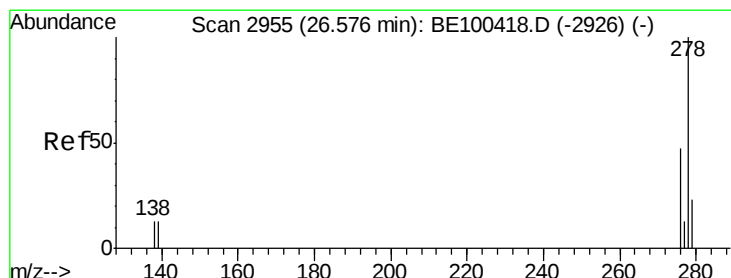
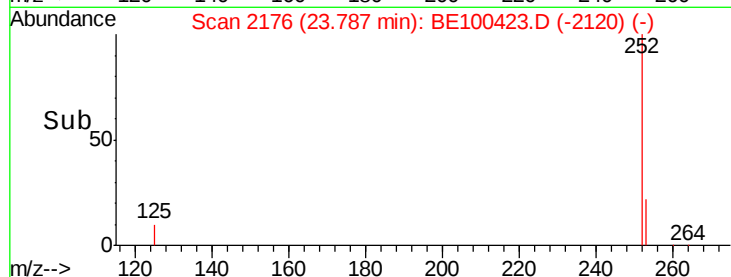
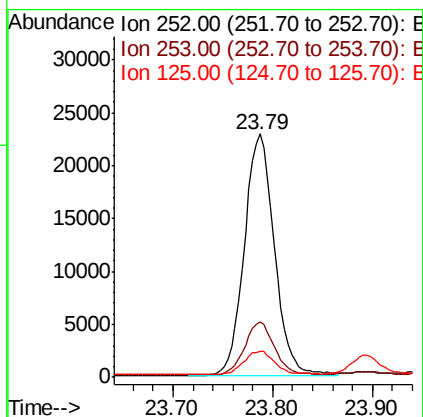
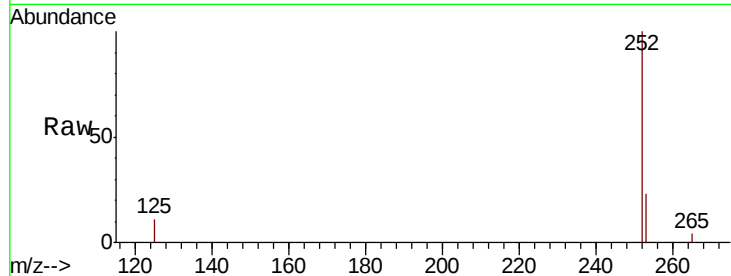




#37
Benzo(a)pyrene
Concen: 0.426 ng
RT: 23.79 min Scan# 2176
Delta R.T. -0.00 min
Lab File: BE100423.D
Acq: 12 Jul 2019 17:17

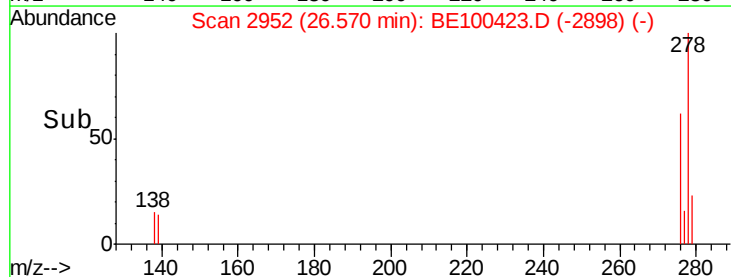
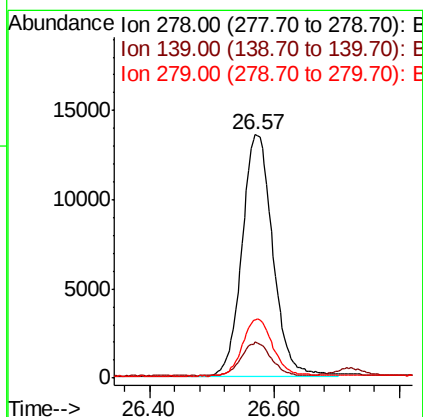
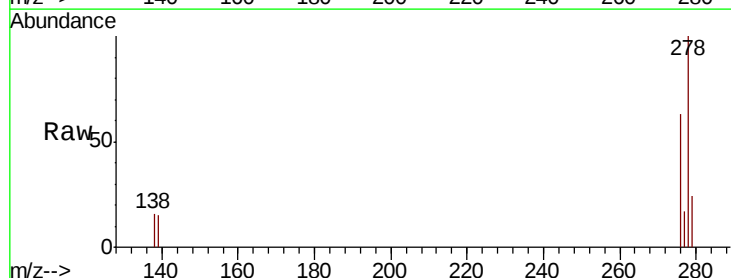
Instrument :
BNA_E
ClientSampleId :
ICVBE071219

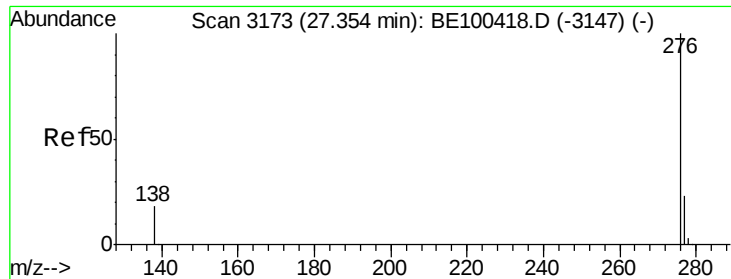
Tot Ion:252 Resp: 47870
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 10.8 9.0 13.6



#38
Dibenzo(a,h)anthracene
Concen: 0.420 ng
RT: 26.57 min Scan# 2952
Delta R.T. -0.01 min
Lab File: BE100423.D
Acq: 12 Jul 2019 17:17

Tgt Ion:278 Resp: 46901
Ion Ratio Lower Upper
278 100
139 14.8 11.6 17.4
279 23.8 19.4 29.0





#39

Benzo(a,h,i)perylene

Concen: 0.432 ng

RT: 27.35 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BE100423.D

Acq: 12 Jul 2019 17:17

Instrument :

BNA_E

ClientSampleId :

ICVBE071219

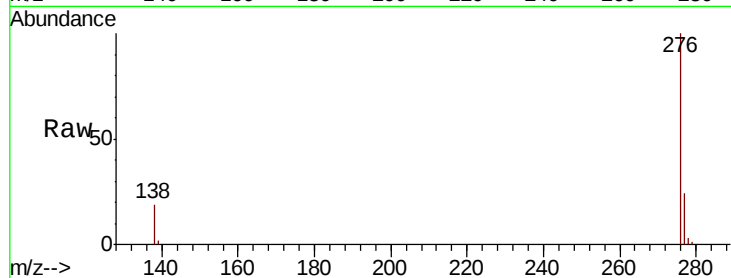
Tot Ion:276 Resp: 47922

Ion Ratio Lower Upper

276 100

277 24.1 19.1 28.7

138 19.0 15.7 23.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

