

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071919\
 Data File : BE100469.D
 Acq On : 19 Jul 2019 13:58
 Operator : HP/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE071919

Quant Time: Jul 19 14:35:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE071919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 13:59:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	2864	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	11659	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	7235	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	19945	0.40	ng	0.00
27) Chrysene-d12	21.38	240	23281	0.40	ng	0.00
34) Perylene-d12	23.86	264	25004	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	2726	0.38	ng	0.00
5) Phenol-d6	7.04	99	3778	0.38	ng	0.00
8) Nitrobenzene-d5	9.02	82	3766	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	7197	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1143	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	11493	0.39	ng	0.00
25) Fluoranthene-d10	19.24	212	102554	0.37	ng	0.00
29) Terphenyl-d14	19.84	244	21469	0.40	ng	0.00

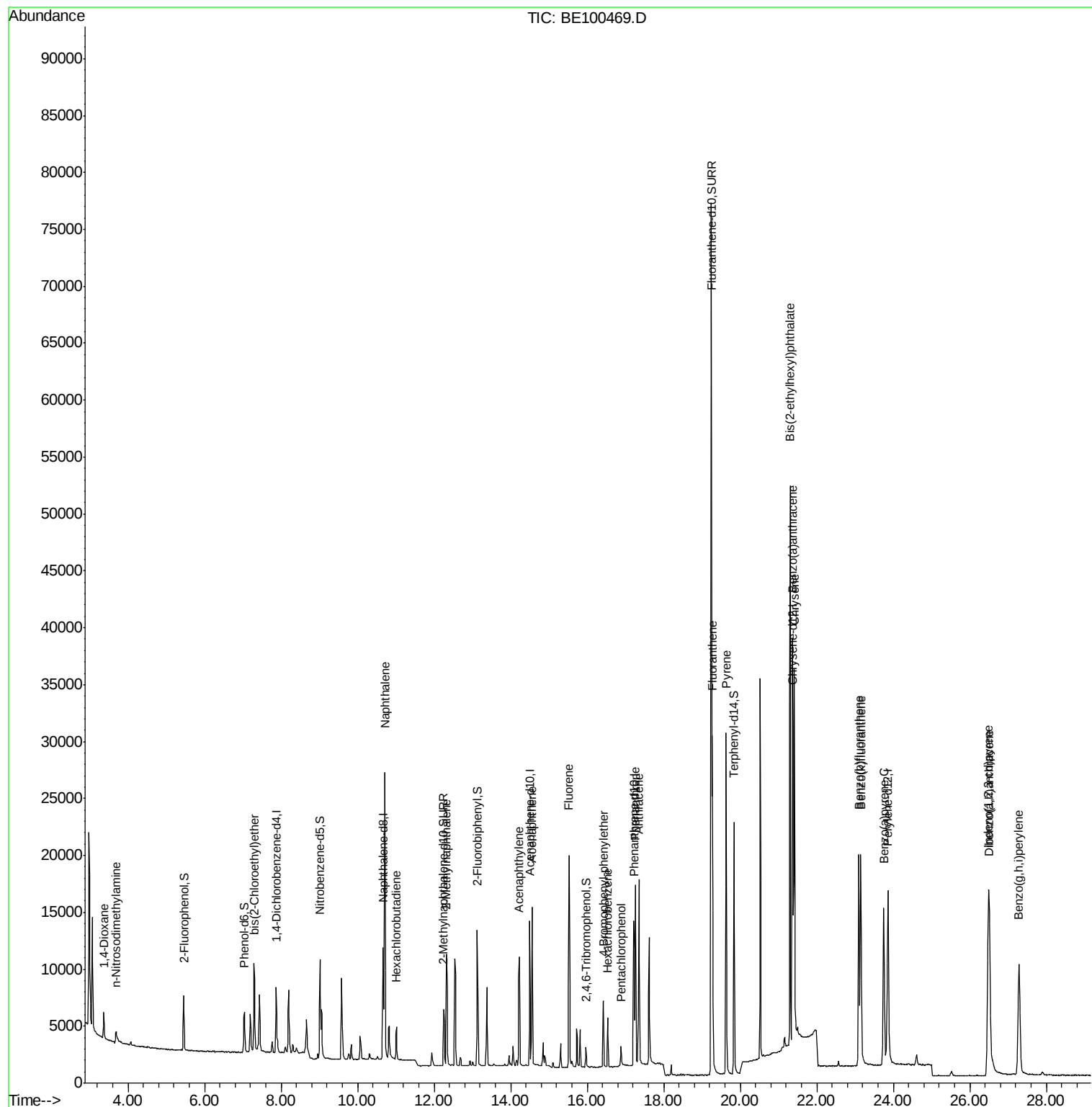
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.36	88	1774	0.403	ng	97
3) n-Nitrosodimethylamine	3.68	42	966	0.380	ng	# 84
6) bis(2-Chloroethyl)ether	7.30	93	3454	0.398	ng	95
9) Naphthalene	10.72	128	43922	0.394	ng	100
10) Hexachlorobutadiene	11.02	225	2072	0.387	ng	99
12) 2-Methylnaphthalene	12.32	142	7607	0.391	ng	98
16) Acenaphthylene	14.23	152	12523	0.377	ng	100
17) Acenaphthene	14.56	154	7938	0.393	ng	100
18) Fluorene	15.53	166	10272	0.382	ng	99
20) 4-Bromophenyl-phenylether	16.42	248	3469	0.377	ng	98
21) Hexachlorobenzene	16.53	284	3652	0.381	ng	99
22) Pentachlorophenol	16.88	266	1284	0.439	ng	94
23) Phenanthrene	17.25	178	18740	0.380	ng	100
24) Anthracene	17.35	178	17697	0.384	ng	99
26) Fluoranthene	19.27	202	26709	0.364	ng	99
28) Pyrene	19.63	202	27920	0.408	ng	100
30) Benzo(a)anthracene	21.37	228	27492	0.387	ng	99
31) Chrysene	21.42	228	27820	0.393	ng	99
32) Bis(2-ethylhexyl)phthalate	21.31	149	58460	0.371	ng	100
33) Indeno(1,2,3-cd)pyrene	26.48	276	29826	0.390	ng	99
35) Benzo(b)fluoranthene	23.10	252	26259	0.380	ng	99
36) Benzo(k)fluoranthene	23.15	252	28049	0.382	ng	99
37) Benzo(a)pyrene	23.75	252	25754	0.386	ng	100
38) Dibenzo(a,h)anthracene	26.51	278	24239	0.386	ng	99
39) Benzo(g,h,i)perylene	27.28	276	25291	0.391	ng	100

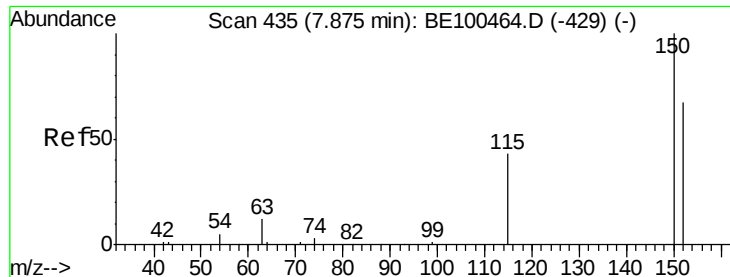
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 19 13:59:01 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.88 min Scan# 435

Delta R.T. 0.00 min

Lab File: BE100469.D

Acq: 19 Jul 2019 13:58

Instrument :

BNA_E

ClientSampleId :

ICVBE071919

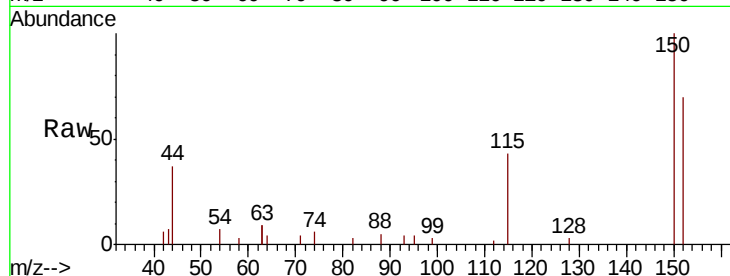
Tot Ion:152 Resp: 2864

Ion Ratio Lower Upper

152 100

150 142.4 117.6 176.4

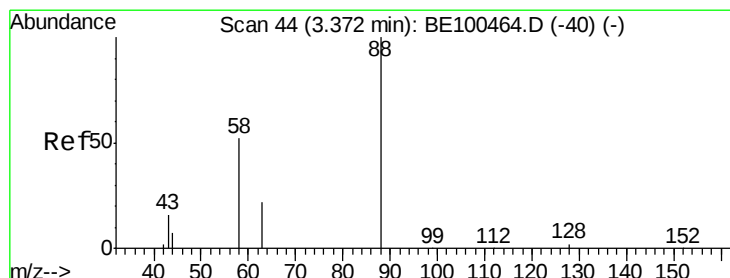
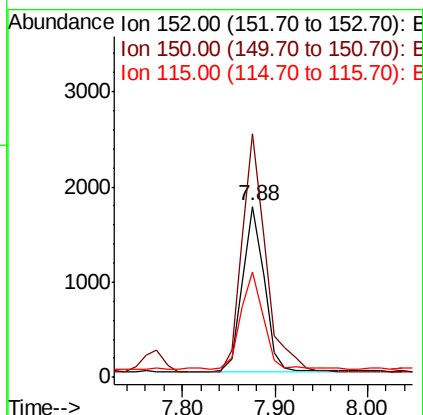
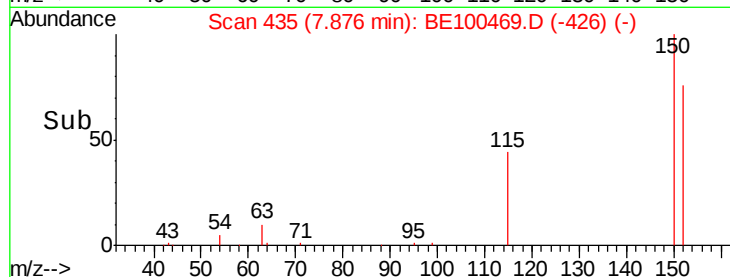
115 61.7 54.9 82.3



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: 0.403 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.01 min

Lab File: BE100469.D

Acq: 19 Jul 2019 13:58

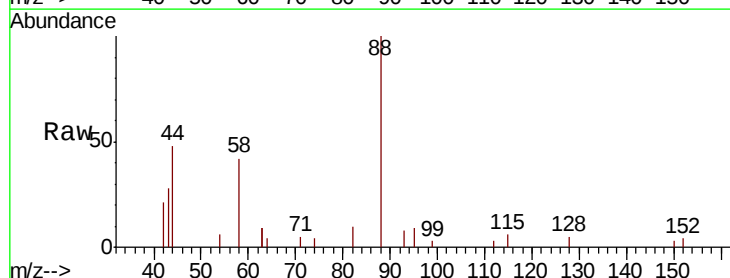
Tgt Ion: 88 Resp: 1774

Ion Ratio Lower Upper

88 100

58 65.0 50.2 75.4

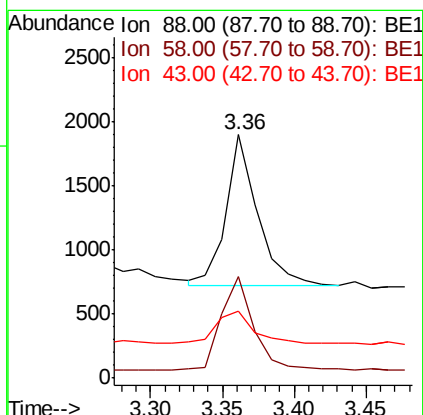
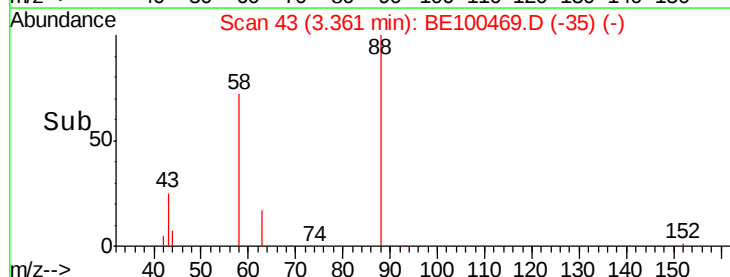
43 25.8 19.1 28.7

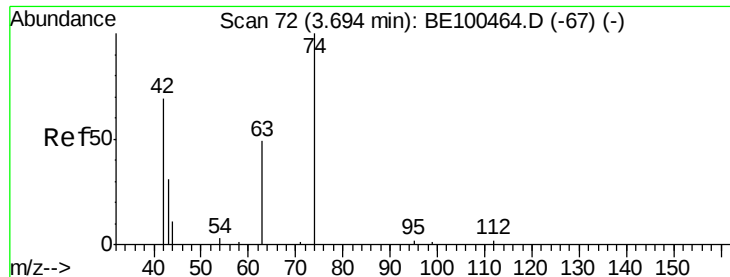


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.380 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE100469.D

Acq: 19 Jul 2019 13:58

Instrument :

BNA_E

ClientSampleId :

ICVBE071919

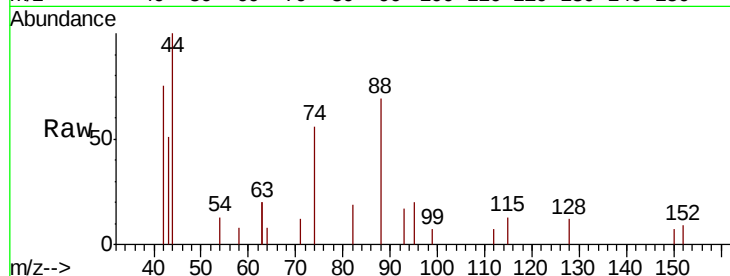
Tot Ion: 42 Resp: 966

Ion Ratio Lower Upper

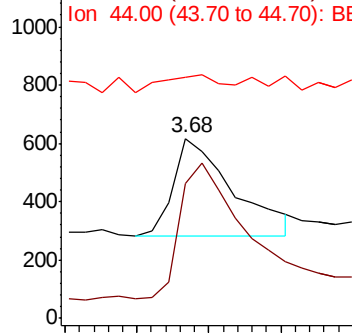
42 100

74 151.2 105.8 158.8

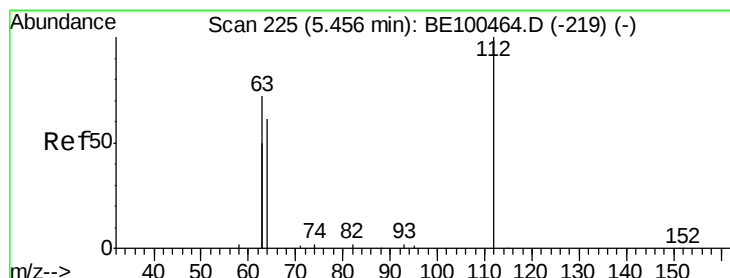
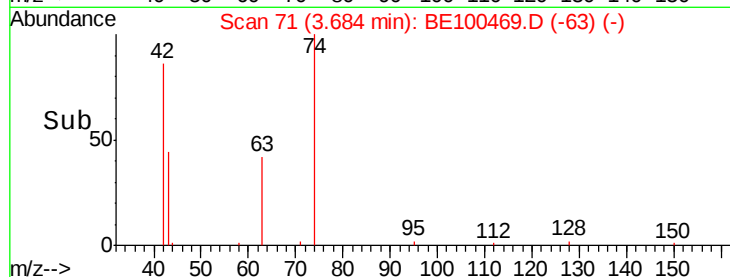
44 16.8 0.0 0.0#



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



Time-->



#4

2-Fluorophenol

Concen: 0.383 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.00 min

Lab File: BE100469.D

Acq: 19 Jul 2019 13:58

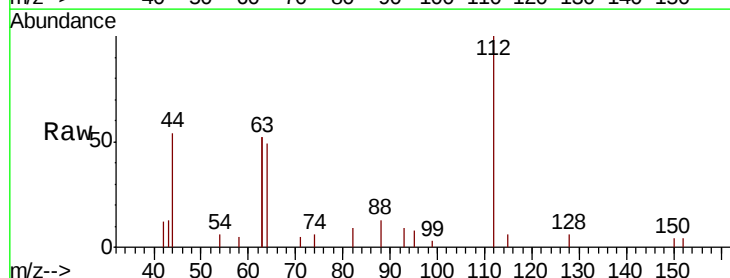
Tgt Ion: 112 Resp: 2726

Ion Ratio Lower Upper

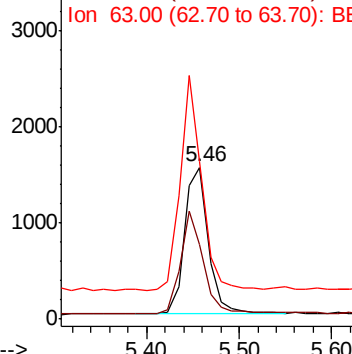
112 100

64 65.7 51.9 77.9

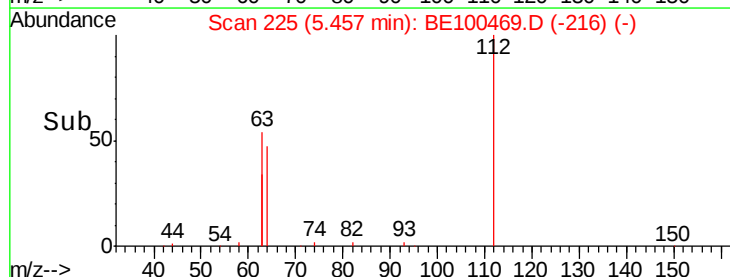
63 131.7 103.9 155.9

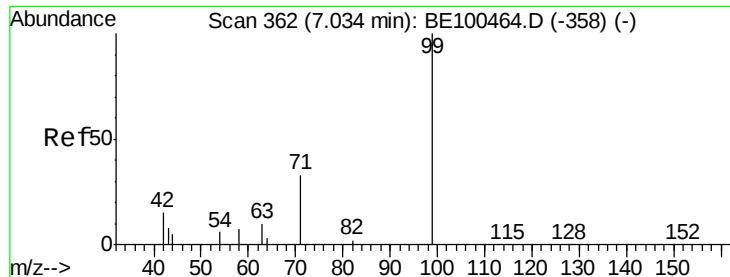


Abundance Ion 112.00 (111.70 to 112.70): BE1
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1



Time-->





#5

Phenol-d6

Concen: 0.377 ng

RT: 7.04 min Scan# 362

Delta R.T. 0.00 min

Lab File: BE100469.D

Acq: 19 Jul 2019 13:58

Instrument :

BNA_E

ClientSampleId :

ICVBE071919

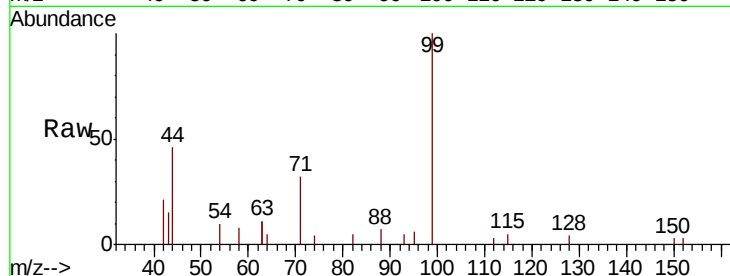
Tot Ion: 99 Resp: 3778

Ion Ratio Lower Upper

99 100

42 20.2 16.2 24.4

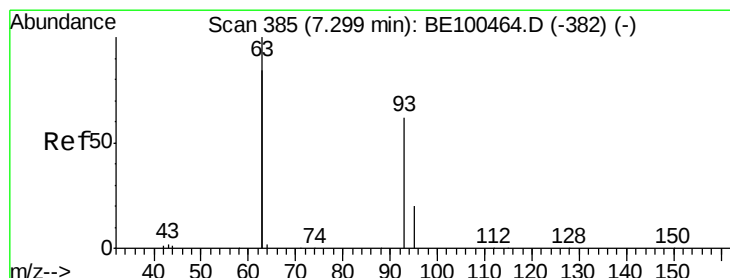
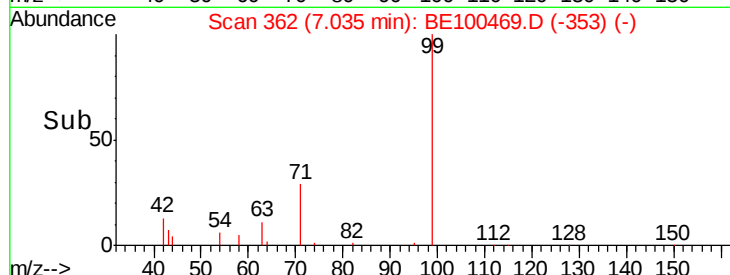
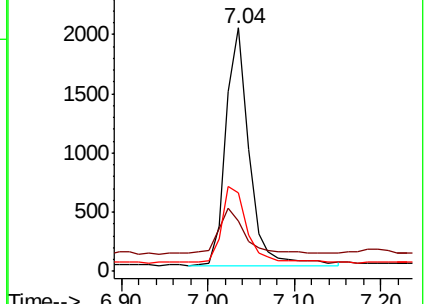
71 33.1 26.0 39.0



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: 0.398 ng

RT: 7.30 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE100469.D

Acq: 19 Jul 2019 13:58

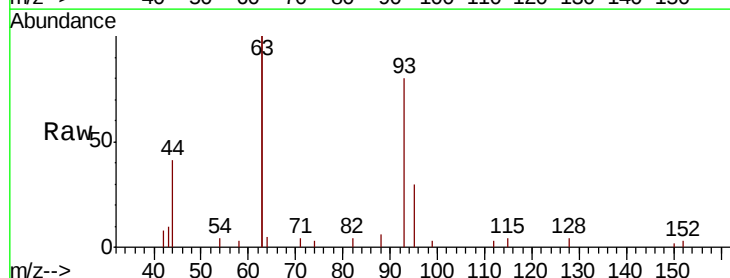
Tgt Ion: 93 Resp: 3454

Ion Ratio Lower Upper

93 100

63 300.7 248.4 372.6

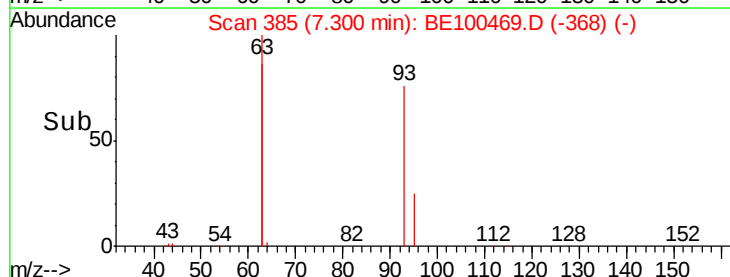
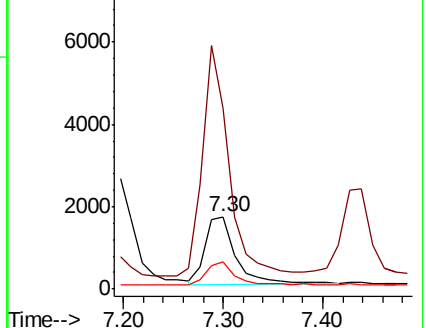
95 32.3 24.7 37.1

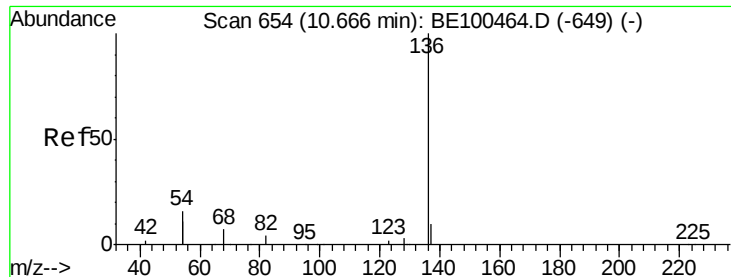


Abundance Ion 93.00 (92.70 to 93.70): BE1

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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE100469.D

Acq: 19 Jul 2019 13:58

Instrument :

BNA_E

ClientSampleId :

ICVBE071919

Tot Ion:136 Resp: 11659

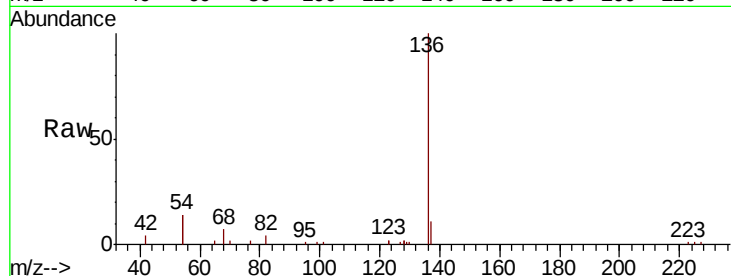
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 27.3 26.2 39.2

68 6.5 6.5 9.7

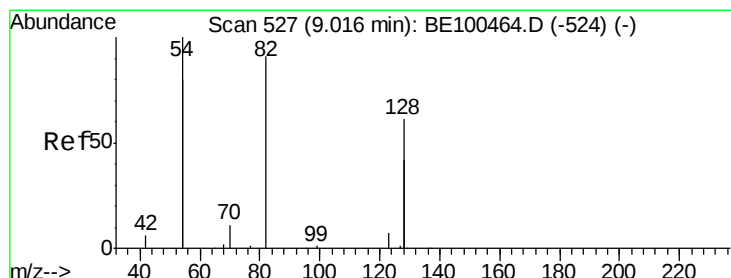
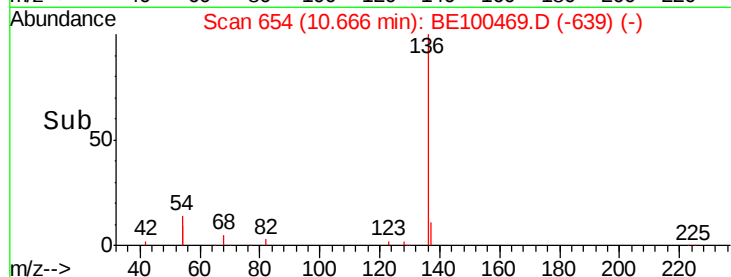
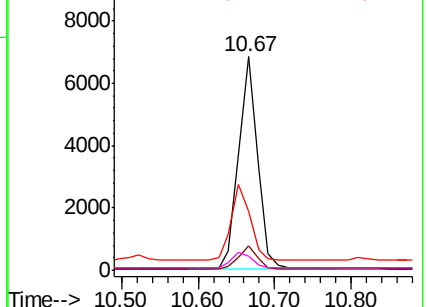


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.400 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE100469.D

Acq: 19 Jul 2019 13:58

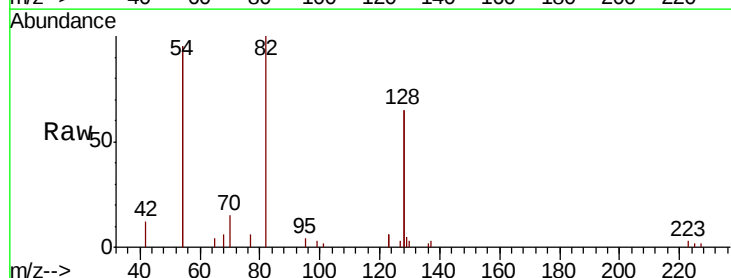
Tgt Ion: 82 Resp: 3766

Ion Ratio Lower Upper

82 100

128 129.7 100.7 151.1

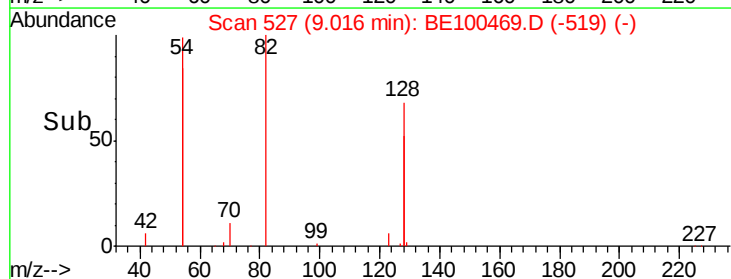
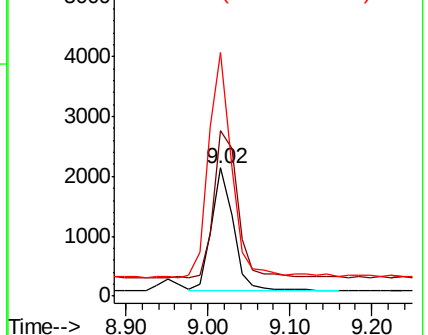
54 190.4 164.4 246.6

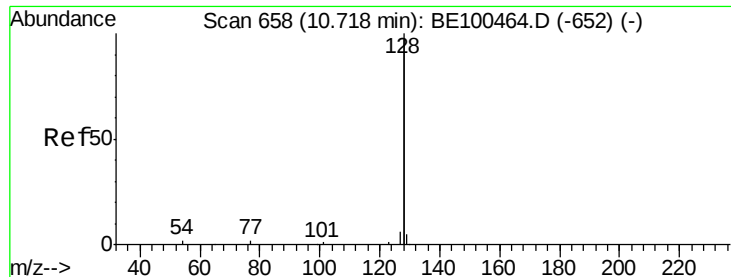


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.394 ng

RT: 10.72 min Scan# 658

Delta R.T. -0.00 min

Lab File: BE100469.D

Acq: 19 Jul 2019 13:58

Instrument :

BNA_E

ClientSampleId :

ICVBE071919

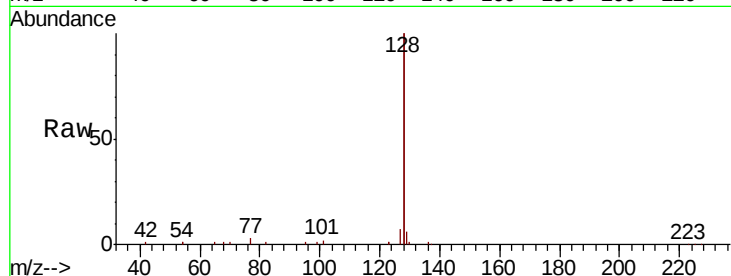
Tot Ion:128 Resp: 43922

Ion Ratio Lower Upper

128 100

129 3.1 2.4 3.6

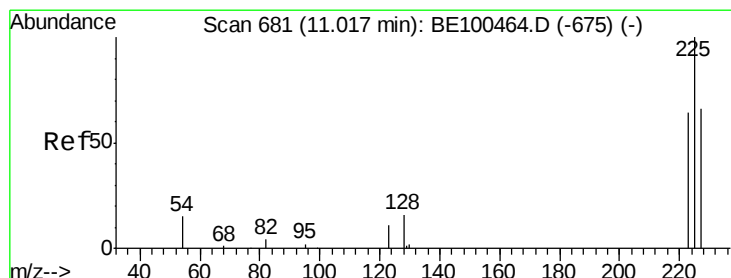
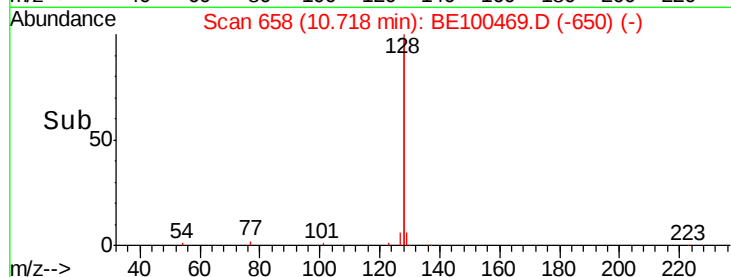
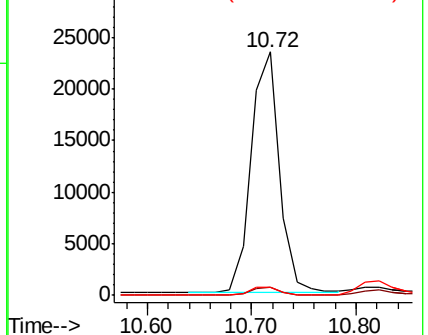
127 3.4 2.6 4.0



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: 0.387 ng

RT: 11.02 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE100469.D

Acq: 19 Jul 2019 13:58

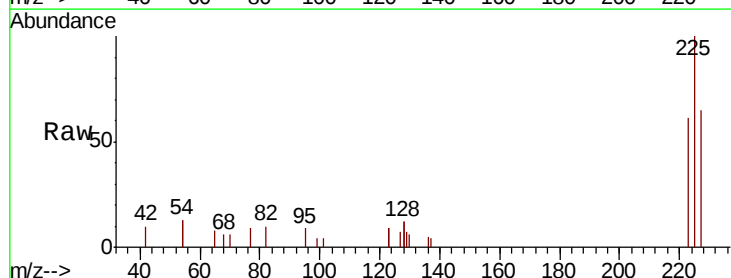
Tgt Ion:225 Resp: 2072

Ion Ratio Lower Upper

225 100

223 63.2 51.7 77.5

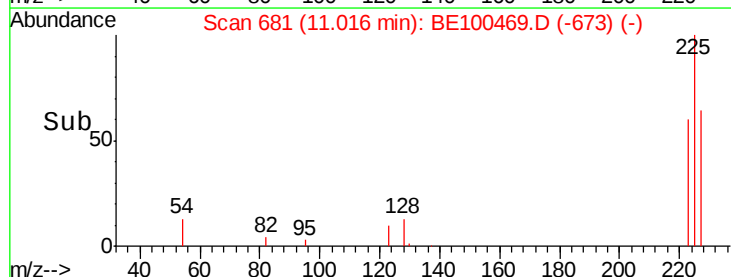
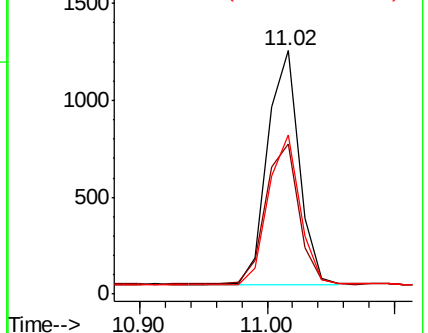
227 63.9 50.9 76.3

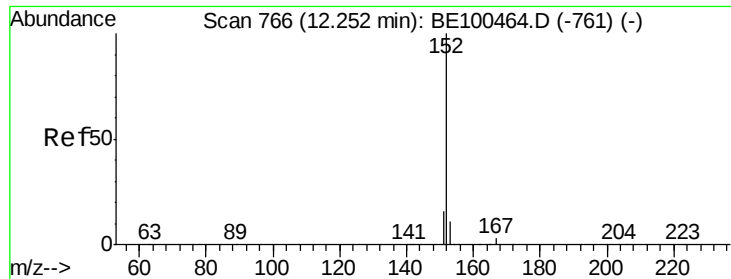


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

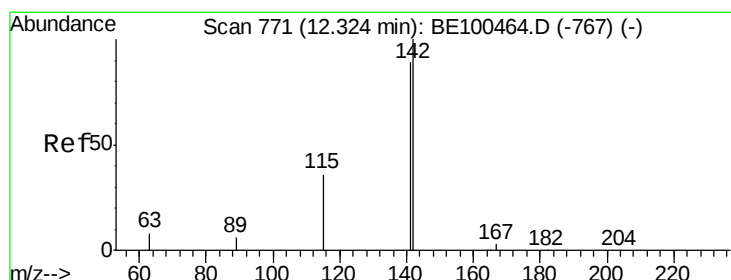
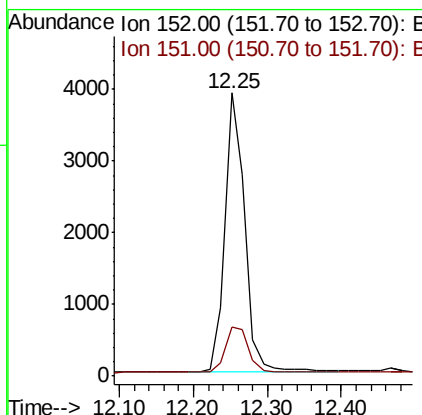
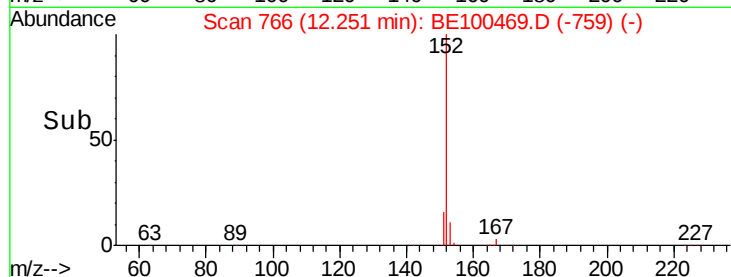
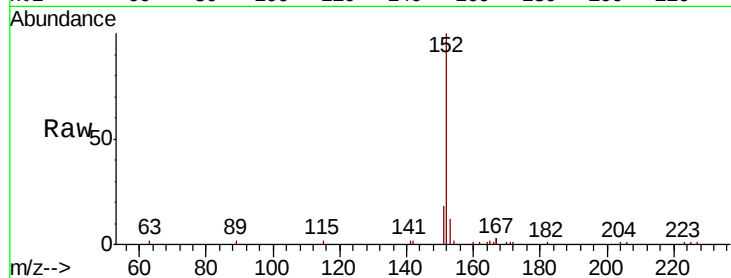




#11
 2-Methylnaphthalene-d10
 Concen: 0.384 ng
 RT: 12.25 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BE100469.D
 Acq: 19 Jul 2019 13:58

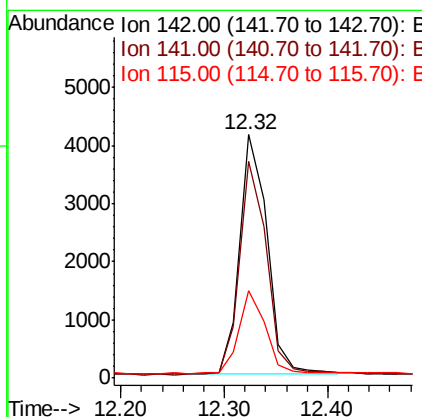
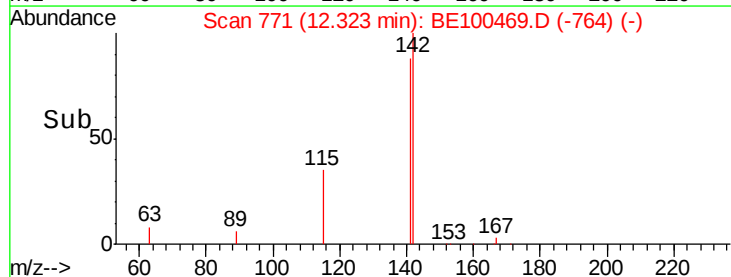
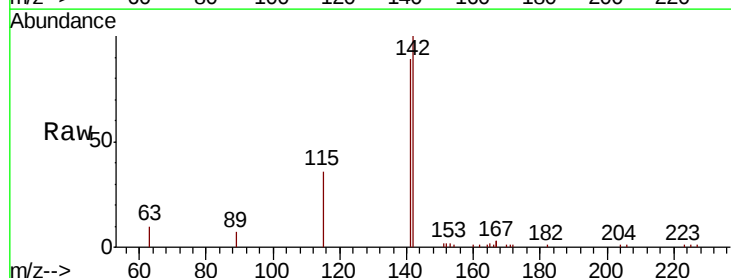
Instrument :
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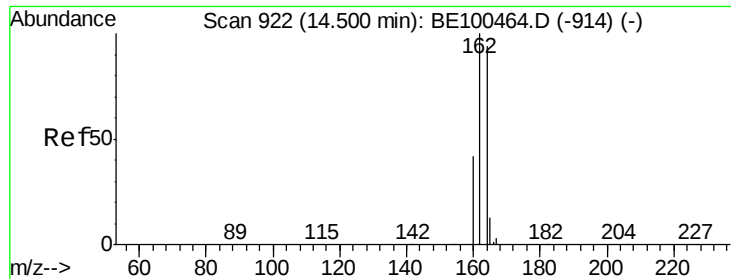
Tot Ion:152 Resp: 7197
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.8 23.6



#12
 2-Methylnaphthalene
 Concen: 0.391 ng
 RT: 12.32 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BE100469.D
 Acq: 19 Jul 2019 13:58

Tgt Ion:142 Resp: 7607
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.7 107.5
 115 35.8 30.4 45.6

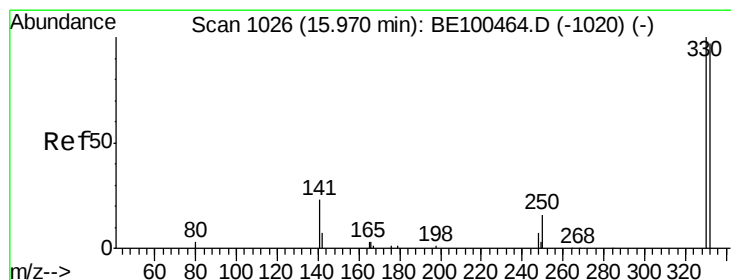
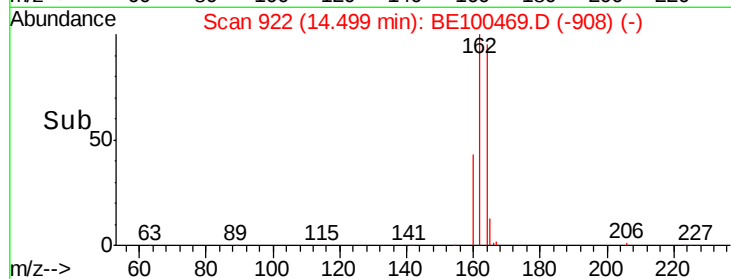
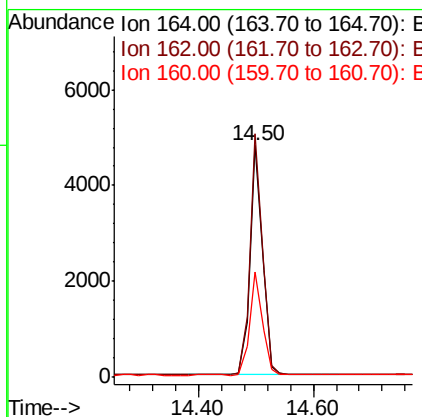
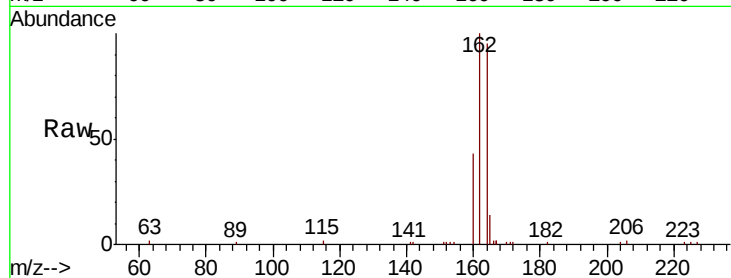




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100469.D
Acq: 19 Jul 2019 13:58

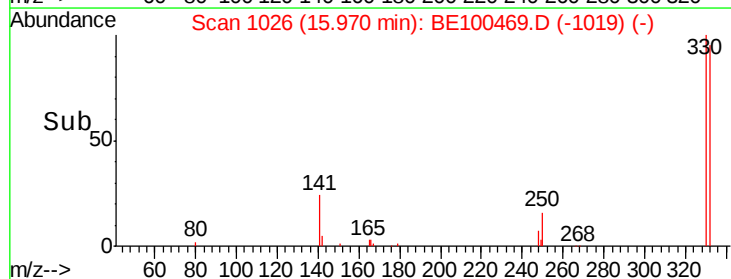
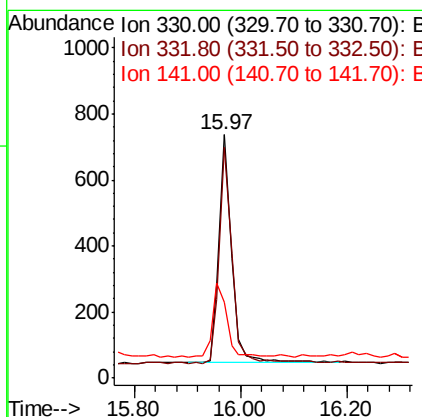
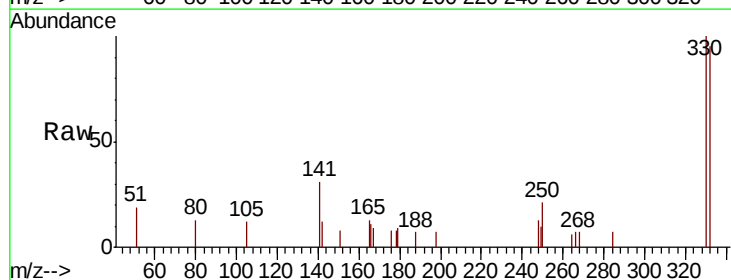
Instrument :
BNA_E
ClientSampleId :
ICVBE071919

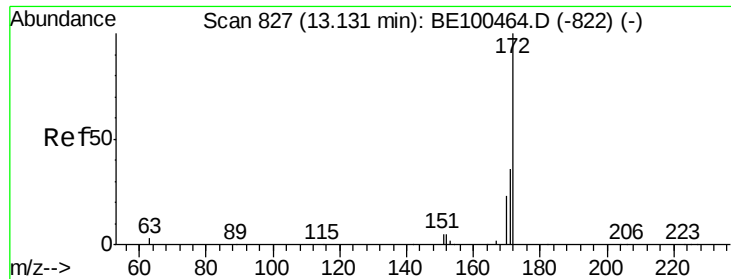
Tot Ion:164 Resp: 7235
Ion Ratio Lower Upper
164 100
162 104.9 85.0 127.6
160 45.3 36.2 54.2



#14
2,4,6-Tribromophenol
Concen: 0.376 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE100469.D
Acq: 19 Jul 2019 13:58

Tgt Ion:330 Resp: 1143
Ion Ratio Lower Upper
330 100
332 95.5 76.3 114.5
141 37.6 29.4 44.2

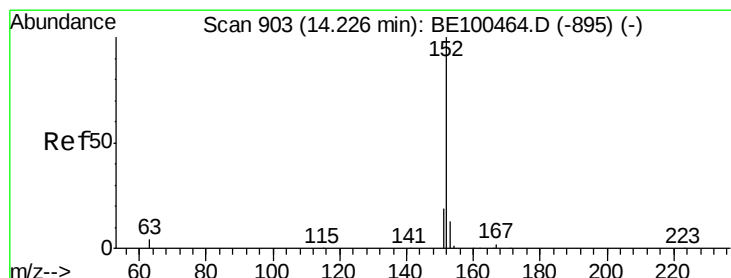
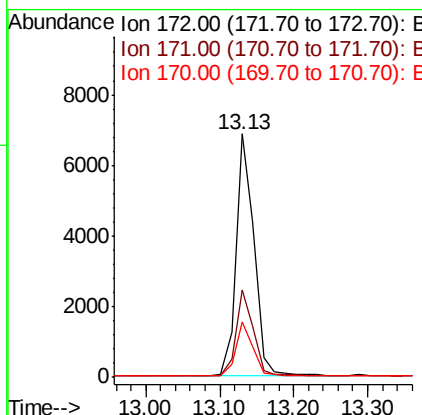
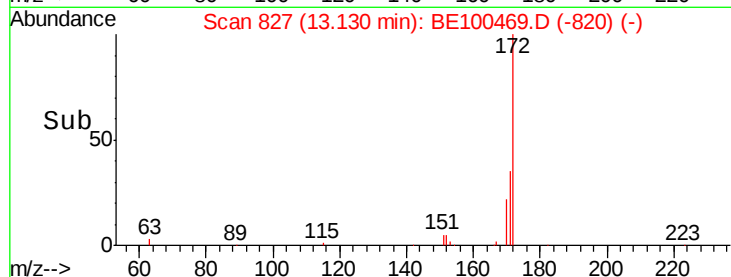
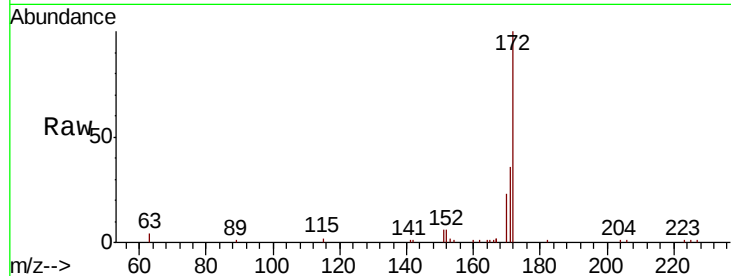




#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100469.D
Acq: 19 Jul 2019 13:58

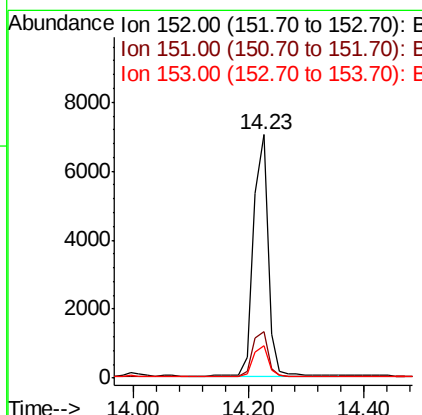
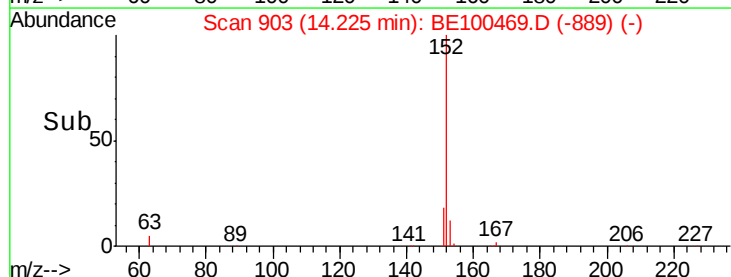
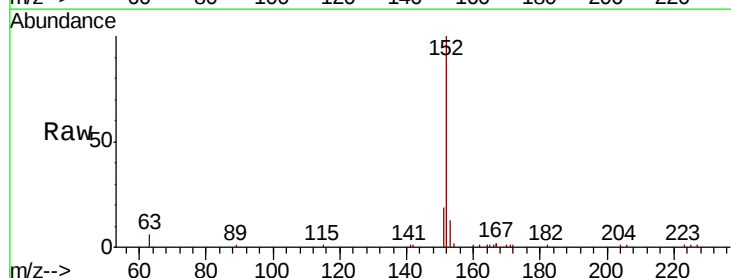
Instrument :
BNA_E
ClientSampleId :
ICVBE071919

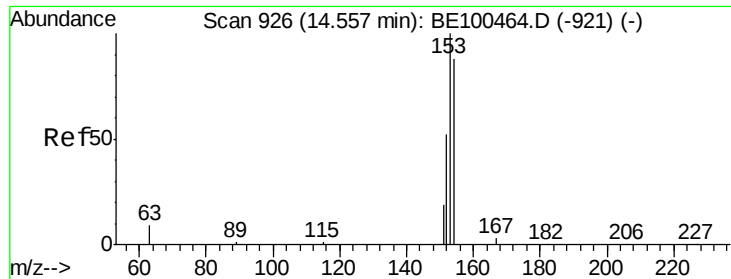
Tot Ion:172 Resp: 11493
Ion Ratio Lower Upper
172 100
171 35.8 29.2 43.8
170 22.6 18.8 28.2



#16
Acenaphthylene
Concen: 0.377 ng
RT: 14.23 min Scan# 903
Delta R.T. -0.00 min
Lab File: BE100469.D
Acq: 19 Jul 2019 13:58

Tgt Ion:152 Resp: 12523
Ion Ratio Lower Upper
152 100
151 19.2 15.5 23.3
153 13.1 10.6 15.8

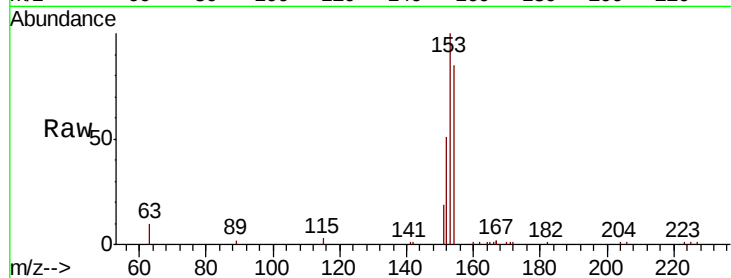




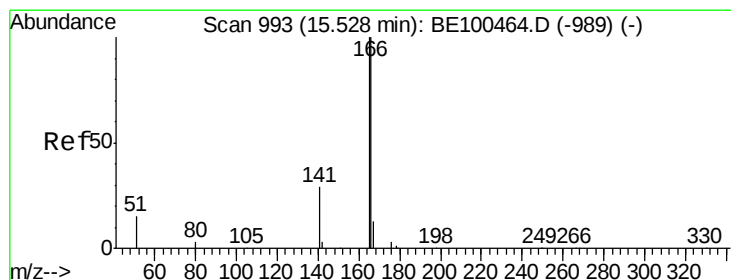
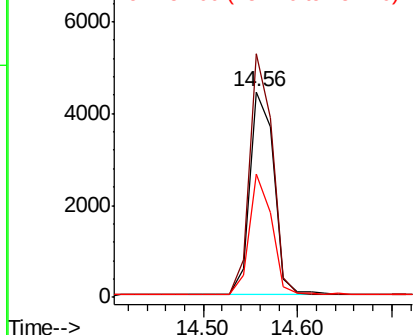
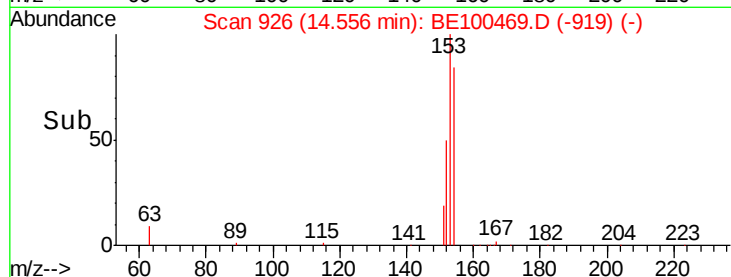
#17
Acenaphthene
Concen: 0.393 ng
RT: 14.56 min Scan# 926
Delta R.T. -0.00 min
Lab File: BE100469.D
Acq: 19 Jul 2019 13:58

Instrument :
BNA_E
ClientSampleId :
ICVBE071919

Tot Ion:154 Resp: 7938
Ion Ratio Lower Upper
154 100
153 112.0 89.4 134.2
152 54.7 44.4 66.6

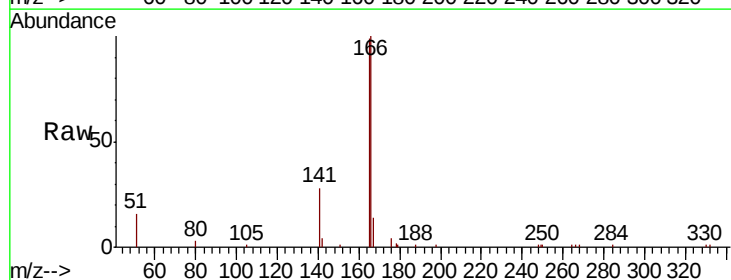


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

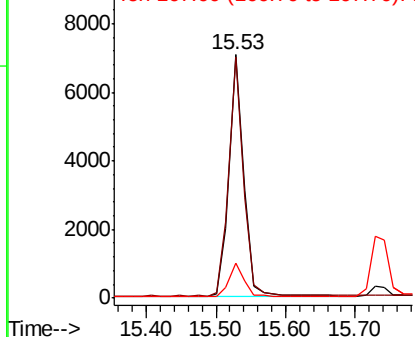
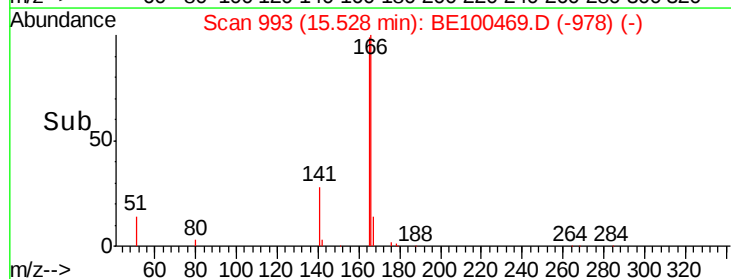


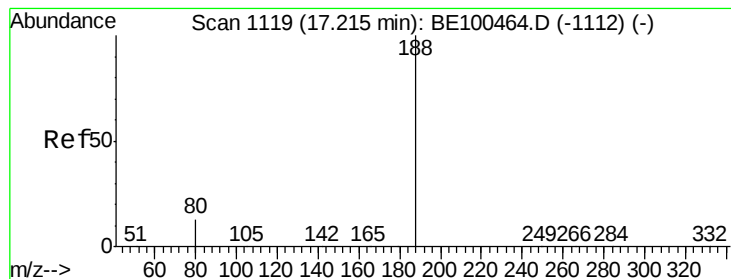
#18
Fluorene
Concen: 0.382 ng
RT: 15.53 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE100469.D
Acq: 19 Jul 2019 13:58

Tgt Ion:166 Resp: 10272
Ion Ratio Lower Upper
166 100
165 99.0 79.8 119.8
167 13.9 10.4 15.6



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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE100469.D

Acq: 19 Jul 2019 13:58

Instrument :

BNA_E

ClientSampleId :

ICVBE071919

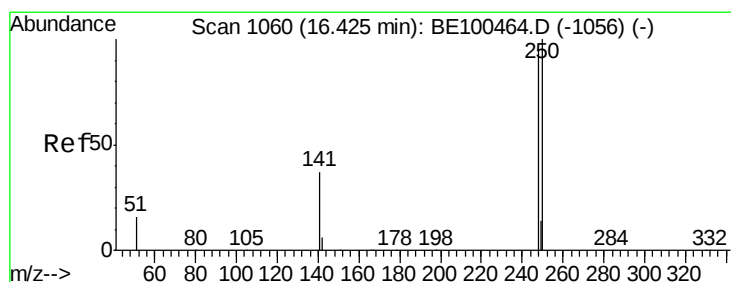
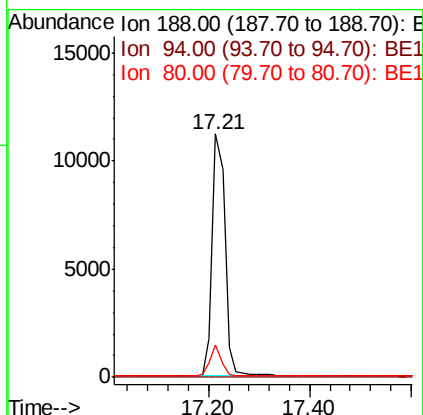
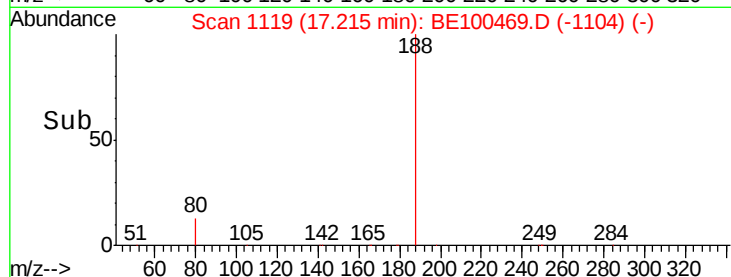
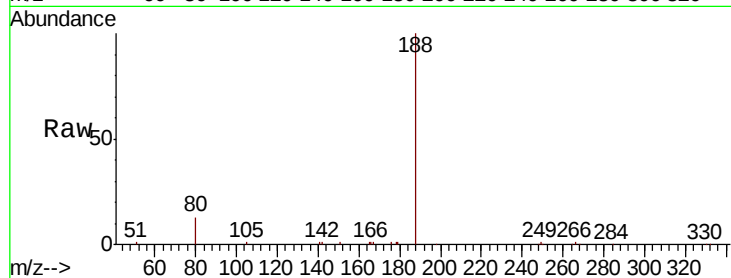
Tot Ion:188 Resp: 19945

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.4 10.7 16.1



#20

4-Bromophenyl-phenylether

Concen: 0.377 ng

RT: 16.42 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BE100469.D

Acq: 19 Jul 2019 13:58

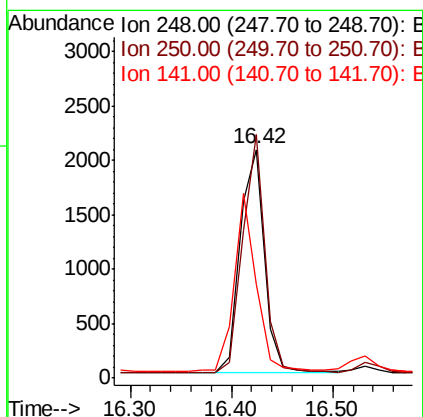
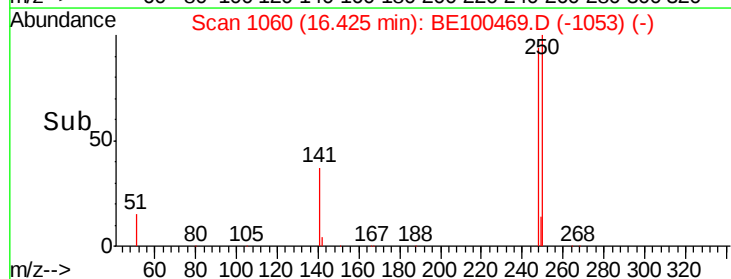
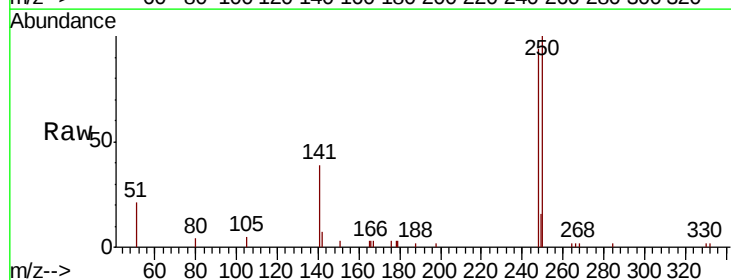
Tgt Ion:248 Resp: 3469

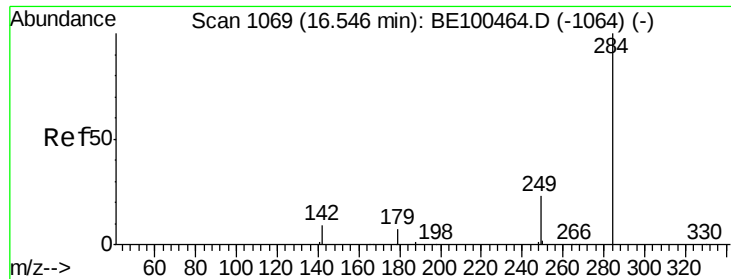
Ion Ratio Lower Upper

248 100

250 106.6 83.9 125.9

141 41.2 33.7 50.5

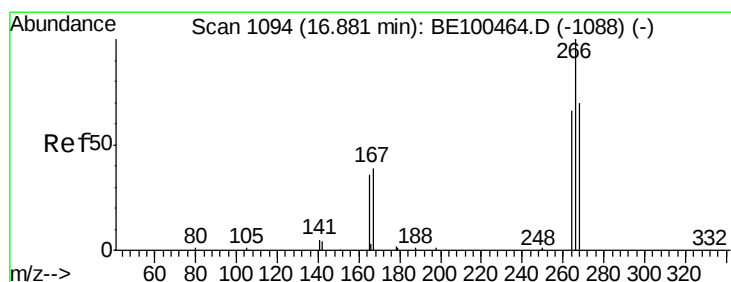
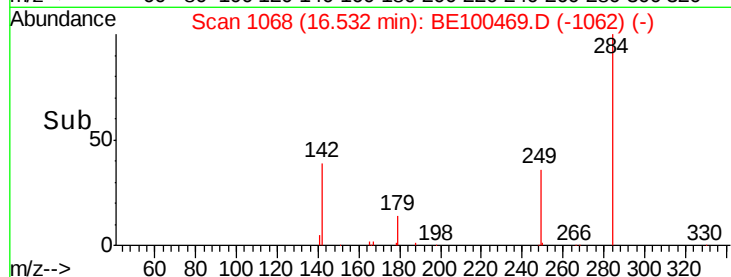
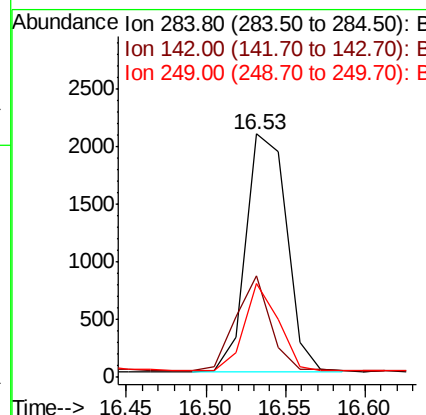
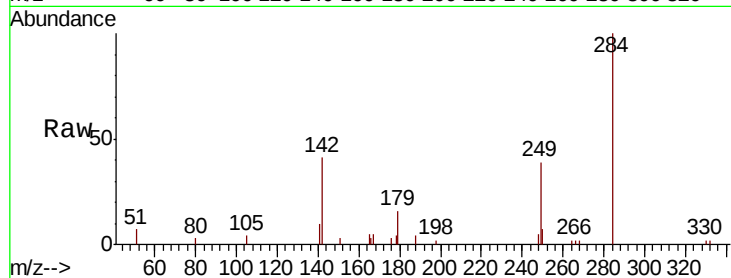




#21
Hexachlorobenzene
Concen: 0.381 ng
RT: 16.53 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BE100469.D
Acq: 19 Jul 2019 13:58

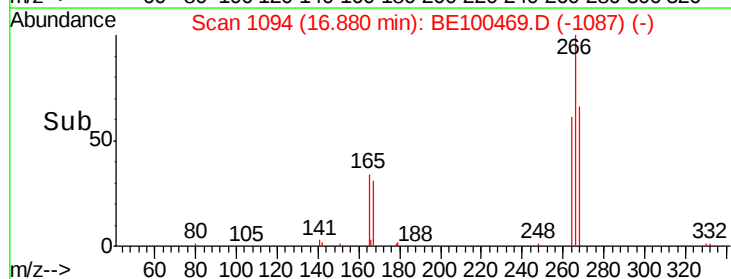
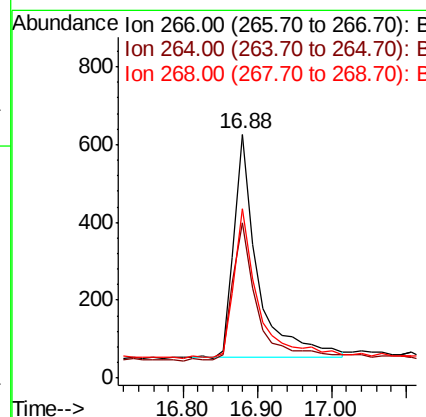
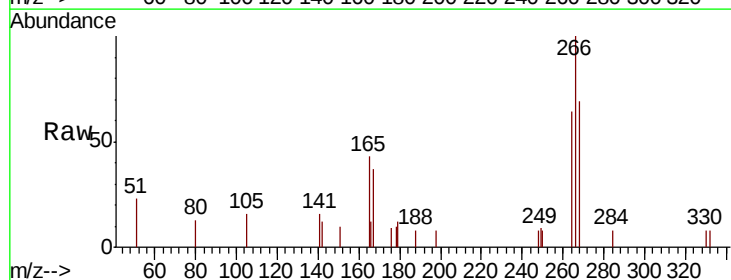
Instrument :
BNA_E
ClientSampleId :
ICVBE071919

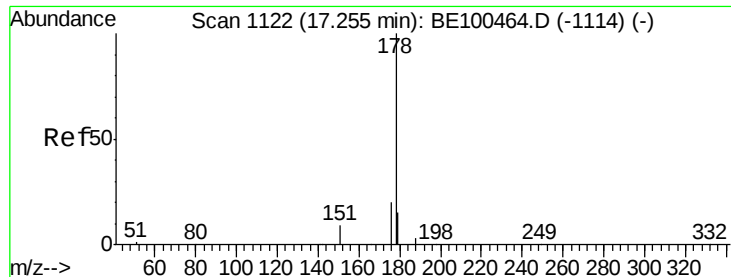
Tot Ion:284 Resp: 3652
Ion Ratio Lower Upper
284 100
142 33.9 27.4 41.2
249 31.1 25.1 37.7



#22
Pentachlorophenol
Concen: 0.439 ng
RT: 16.88 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE100469.D
Acq: 19 Jul 2019 13:58

Tgt Ion:266 Resp: 1284
Ion Ratio Lower Upper
266 100
264 63.6 55.5 83.3
268 69.3 59.2 88.8

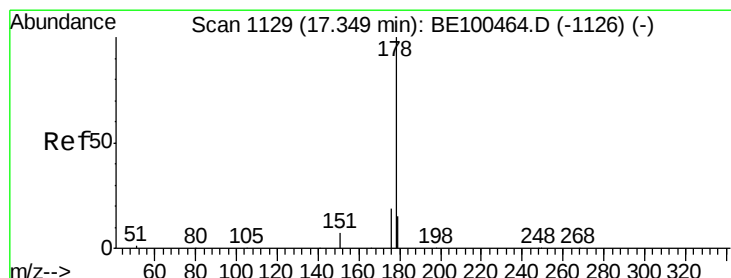
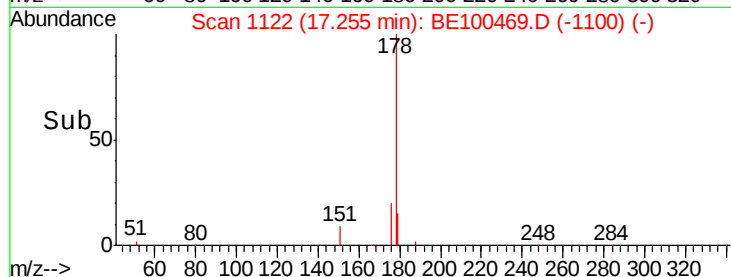
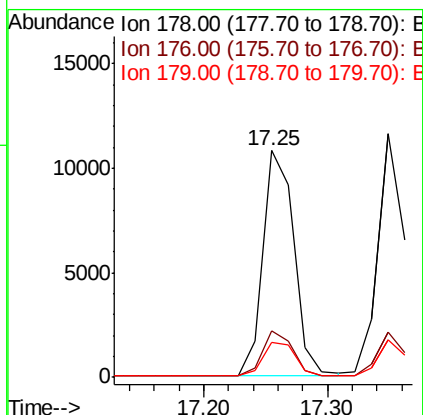
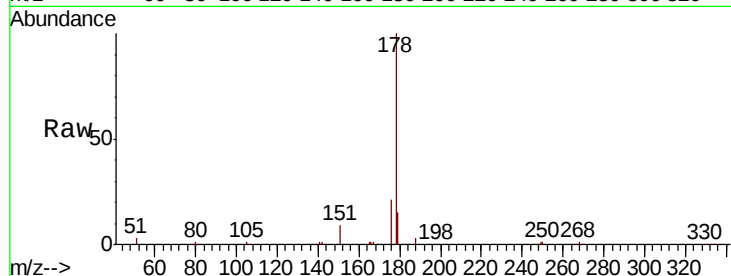




#23
Phenanthrene
Concen: 0.380 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100469.D
Acq: 19 Jul 2019 13:58

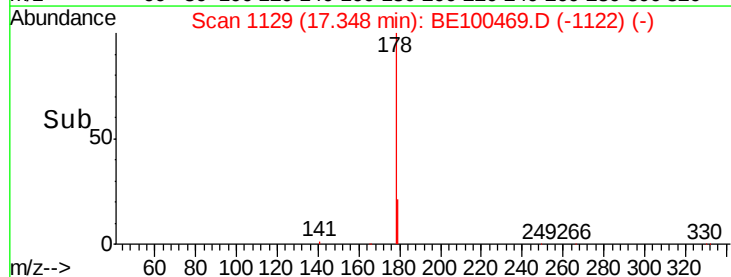
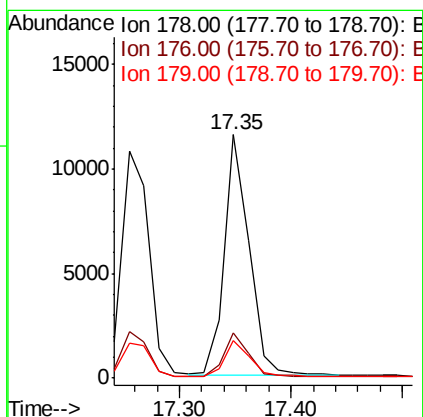
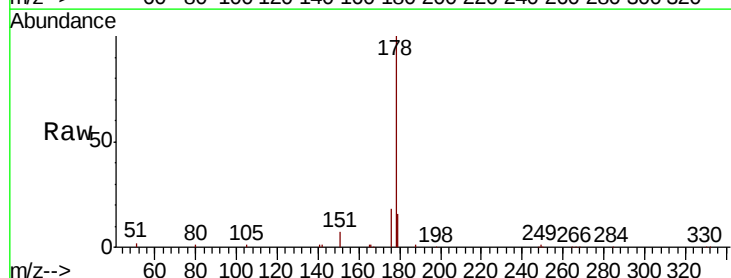
Instrument :
BNA_E
ClientSampleId :
ICVBE071919

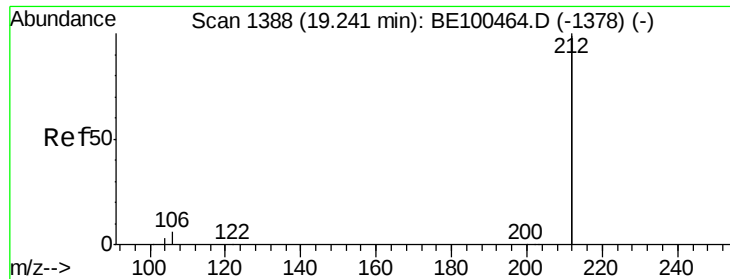
Tot Ion:178 Resp: 18740
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.6 12.5 18.7



#24
Anthracene
Concen: 0.384 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE100469.D
Acq: 19 Jul 2019 13:58

Tgt Ion:178 Resp: 17697
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.6
179 14.9 12.2 18.2





#25

Fluoranthene-d10

Concen: 0.367 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE100469.D

Acq: 19 Jul 2019 13:58

Instrument :

BNA_E

ClientSampleId :

ICVBE071919

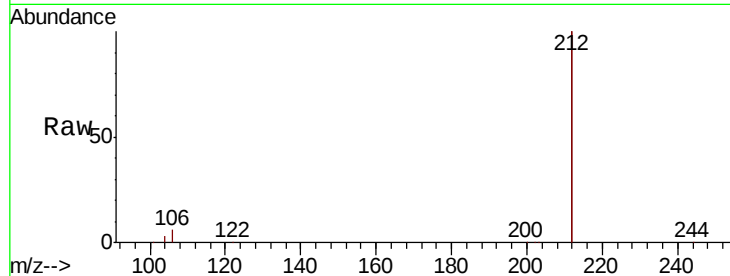
Tot Ion:212 Resp: 102554

Ion Ratio Lower Upper

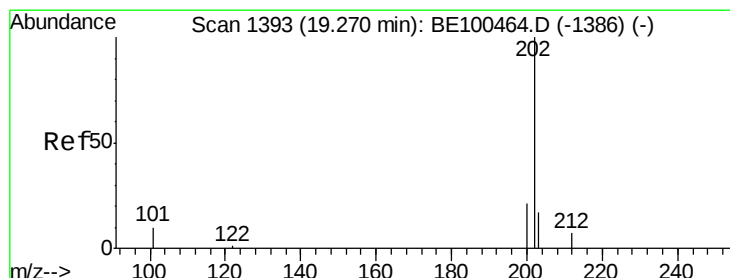
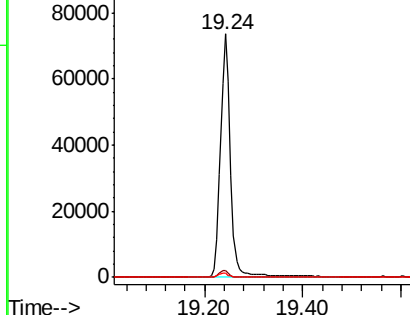
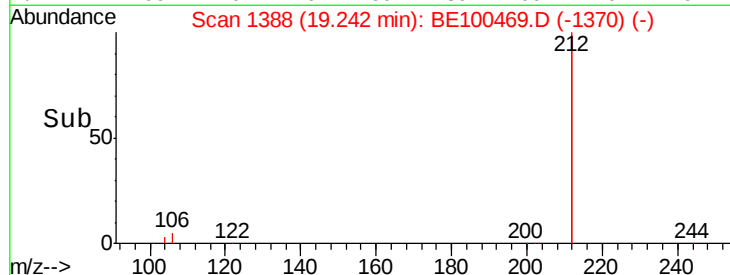
212 100

106 2.8 2.2 3.2

104 1.6 1.2 1.8



Abundance Ion 212.00 (211.70 to 212.70): E
100000
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.364 ng

RT: 19.27 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BE100469.D

Acq: 19 Jul 2019 13:58

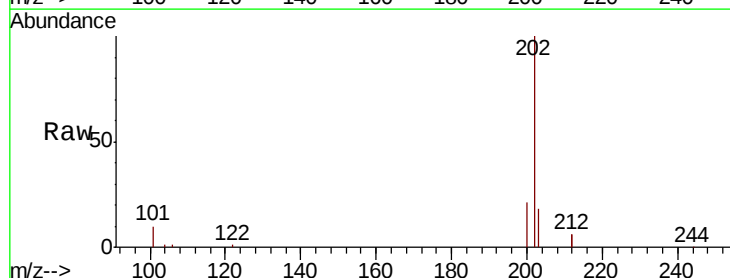
Tgt Ion:202 Resp: 26709

Ion Ratio Lower Upper

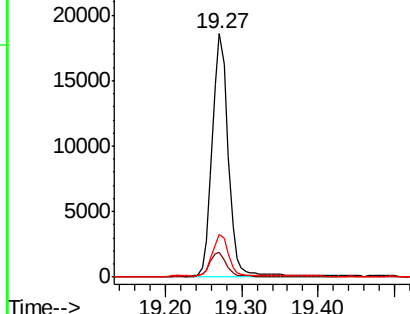
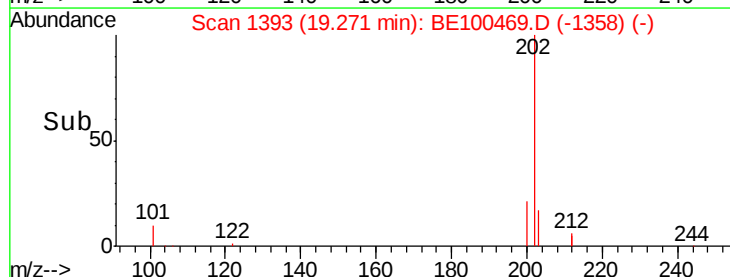
202 100

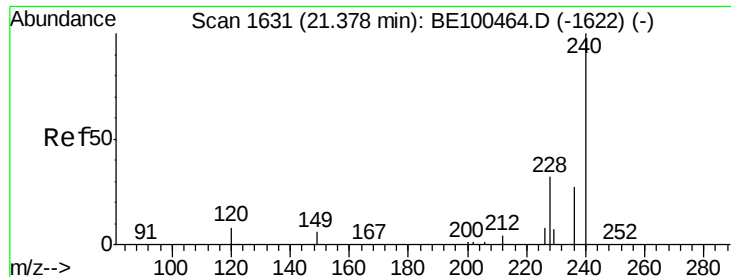
101 10.0 8.3 12.5

203 17.1 13.6 20.4



Abundance Ion 202.00 (201.70 to 202.70): E
25000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

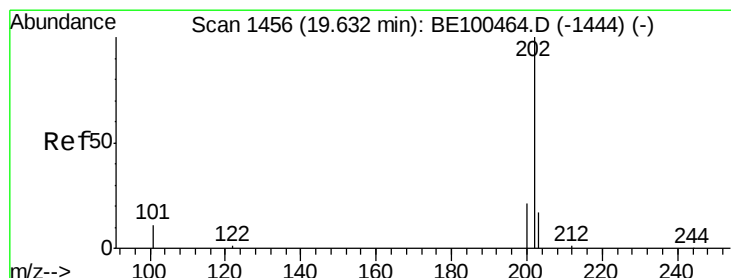
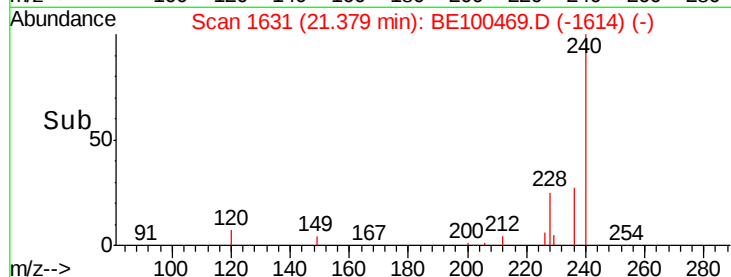
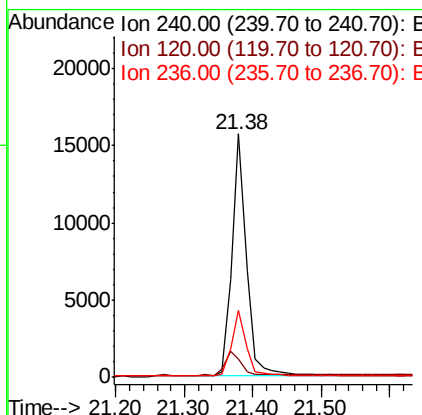
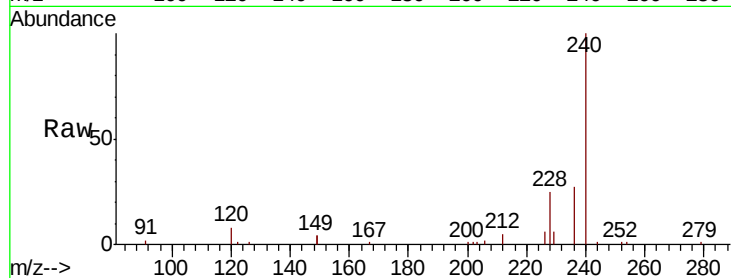




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. 0.00 min
Lab File: BE100469.D
Acq: 19 Jul 2019 13:58

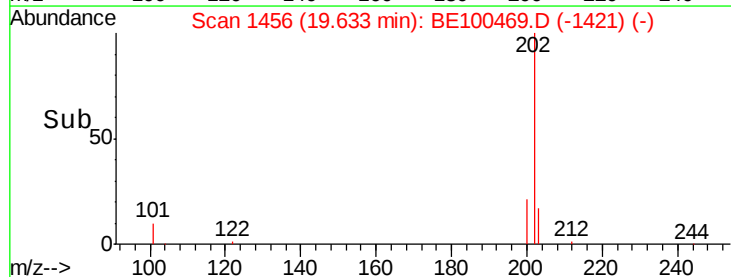
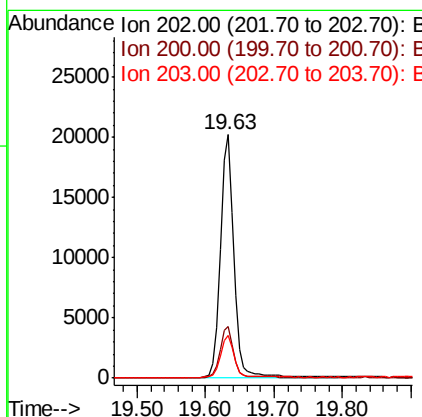
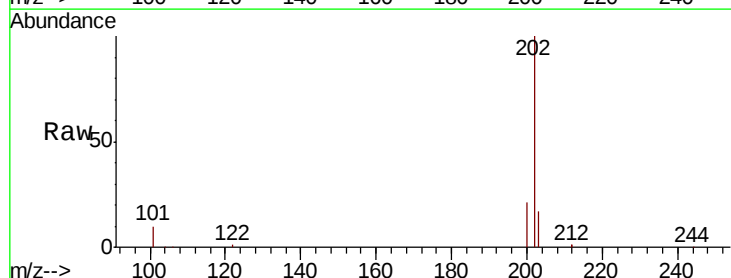
Instrument :
BNA_E
ClientSampleId :
ICVBE071919

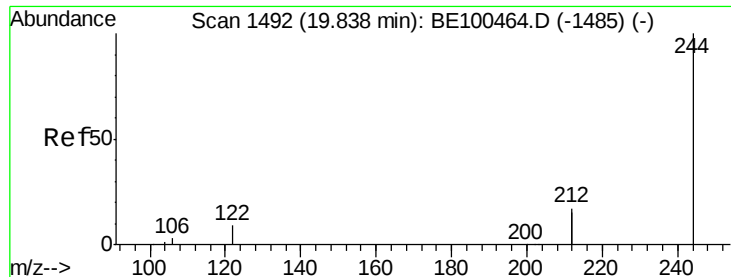
Tot Ion:240 Resp: 23281
Ion Ratio Lower Upper
240 100
120 7.6 7.1 10.7
236 27.3 21.7 32.5



#28
Pyrene
Concen: 0.408 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE100469.D
Acq: 19 Jul 2019 13:58

Tgt Ion:202 Resp: 27920
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.4 13.8 20.8





#29

Terphenyl-d14

Concen: 0.400 ng

RT: 19.84 min Scan# 1492

Delta R.T. 0.00 min

Lab File: BE100469.D

Acq: 19 Jul 2019 13:58

Instrument :

BNA_E

ClientSampleId :

ICVBE071919

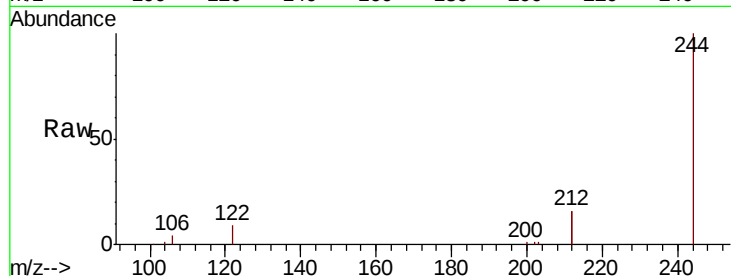
Tot Ion:244 Resp: 21469

Ion Ratio Lower Upper

244 100

212 32.5 26.6 40.0

122 8.9 7.6 11.4

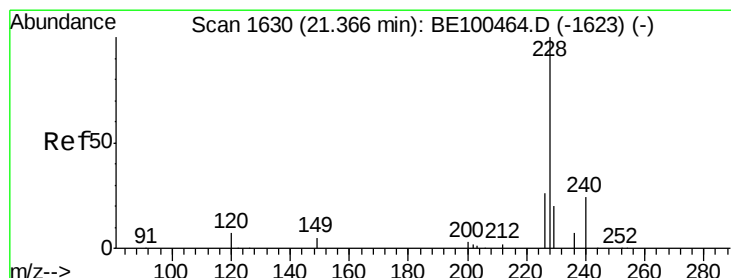
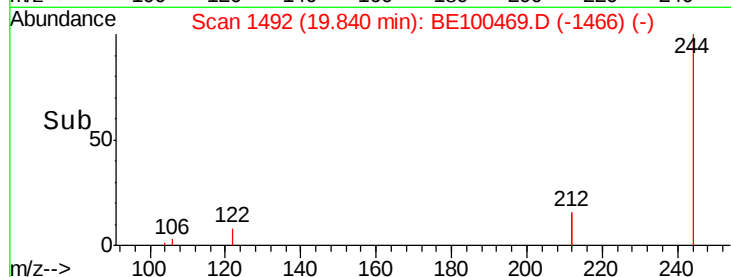
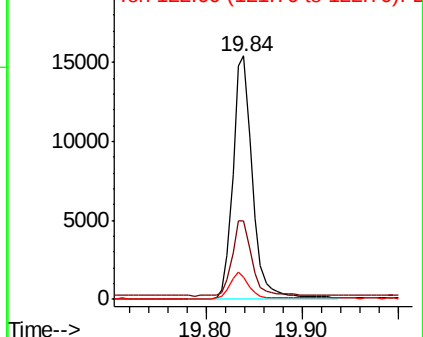


Abundance

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: 0.387 ng

RT: 21.37 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BE100469.D

Acq: 19 Jul 2019 13:58

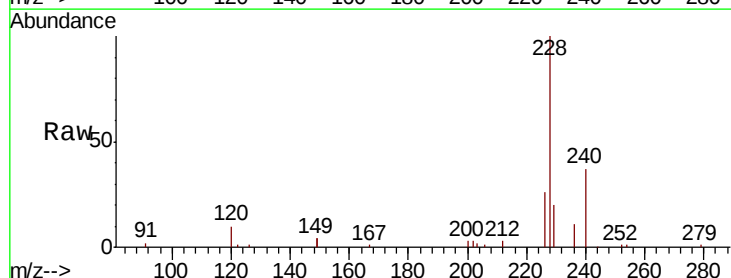
Tgt Ion:228 Resp: 27492

Ion Ratio Lower Upper

228 100

226 26.4 21.3 31.9

229 20.3 16.6 25.0

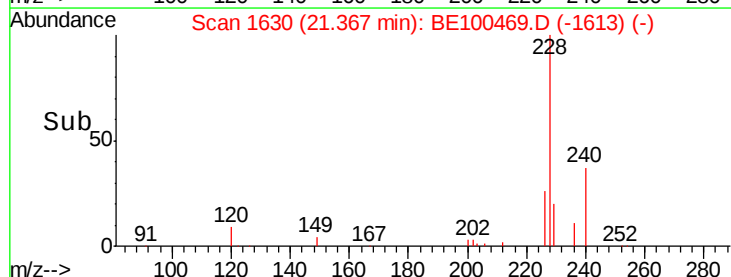
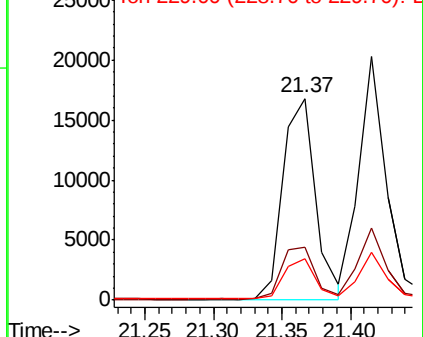


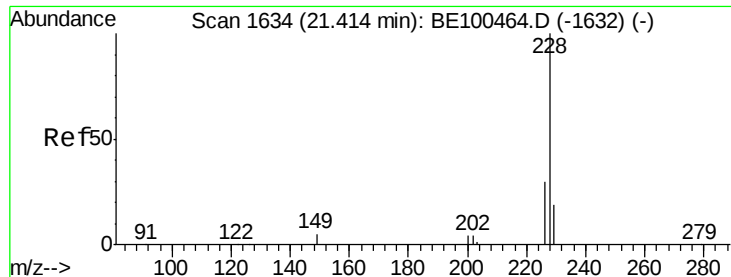
Abundance

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: 0.393 ng

RT: 21.42 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE100469.D

Acq: 19 Jul 2019 13:58

Instrument :

BNA_E

ClientSampleId :

ICVBE071919

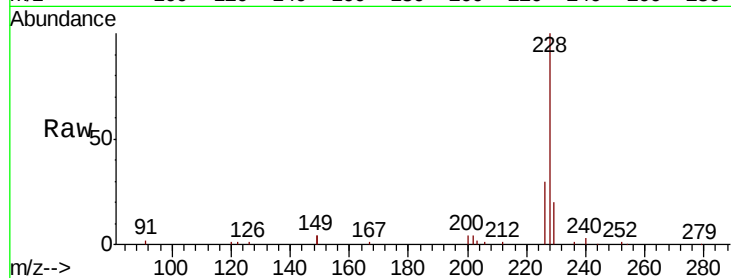
Tot Ion:228 Resp: 27820

Ion Ratio Lower Upper

228 100

226 29.9 24.5 36.7

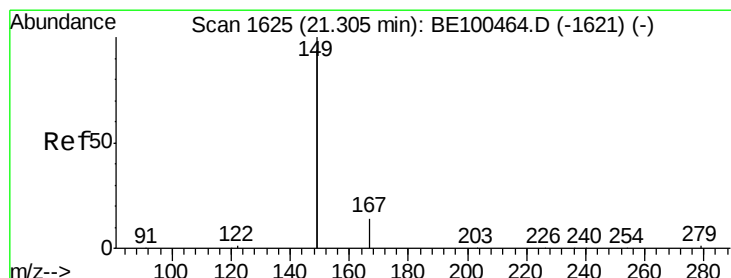
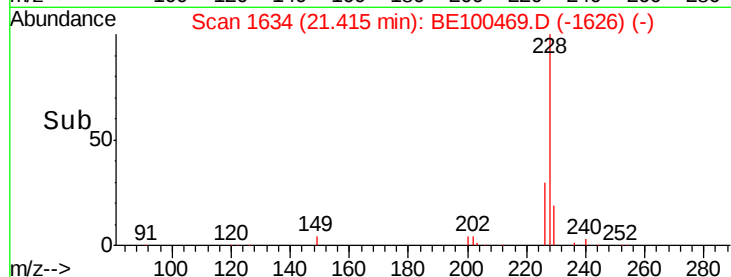
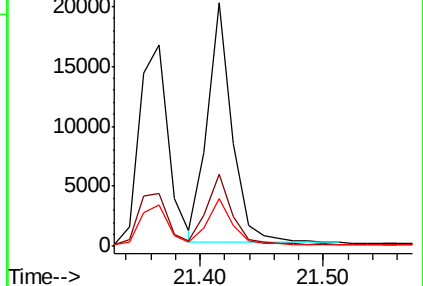
229 19.8 16.0 24.0



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: 0.371 ng

RT: 21.31 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BE100469.D

Acq: 19 Jul 2019 13:58

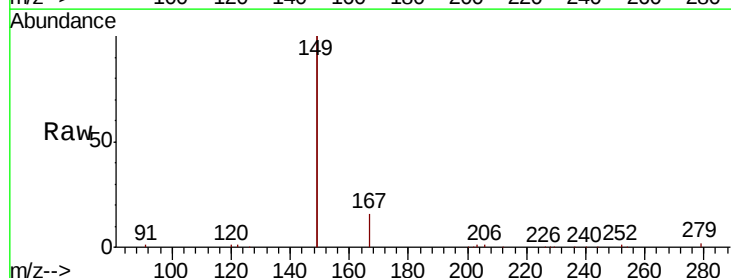
Tgt Ion:149 Resp: 58460

Ion Ratio Lower Upper

149 100

167 7.3 5.8 8.6

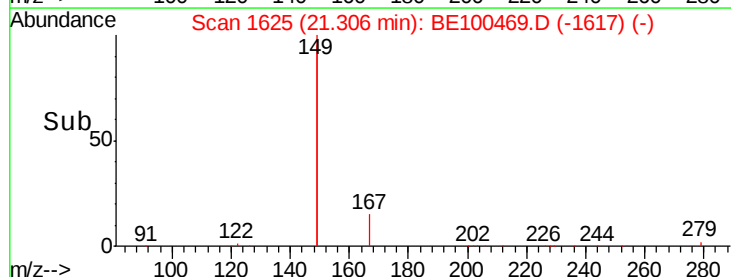
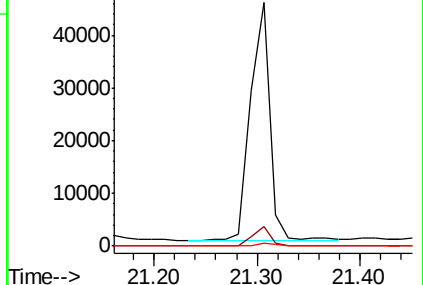
279 0.9 0.8 1.2

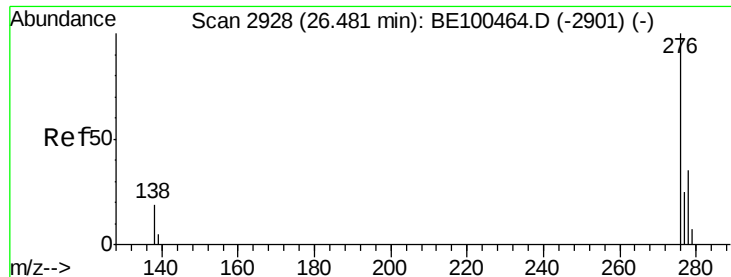


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

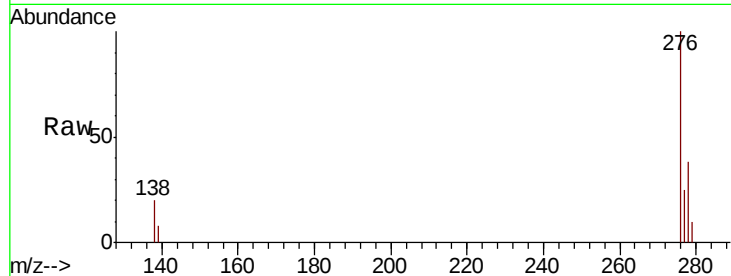




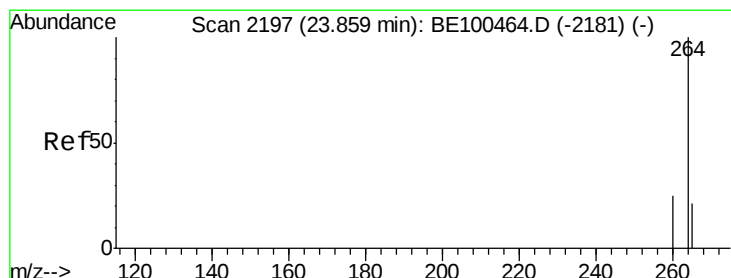
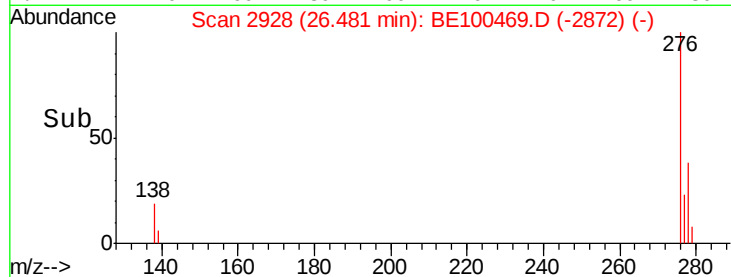
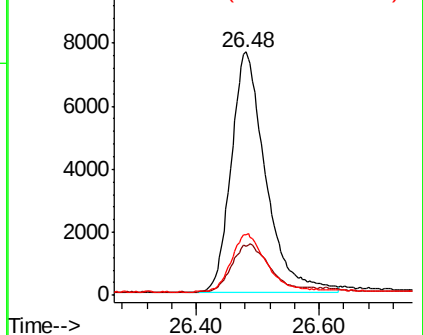
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng
RT: 26.48 min Scan# 2928
Delta R.T. -0.00 min
Lab File: BE100469.D
Acq: 19 Jul 2019 13:58

Instrument :
BNA_E
ClientSampleId :
ICVBE071919

Tot Ion:276 Resp: 29826
Ion Ratio Lower Upper
276 100
138 21.7 17.4 26.0
277 24.7 19.4 29.0

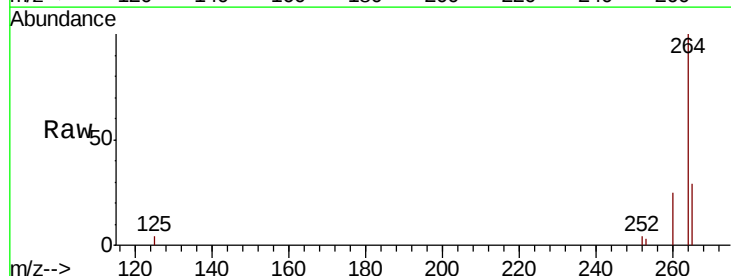


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

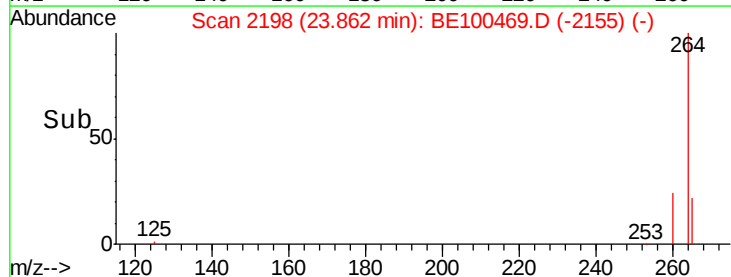
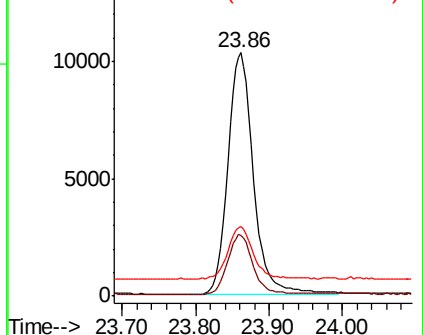


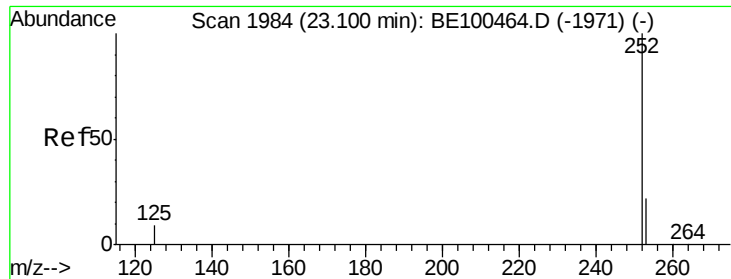
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.86 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BE100469.D
Acq: 19 Jul 2019 13:58

Tgt Ion:264 Resp: 25004
Ion Ratio Lower Upper
264 100
260 24.8 20.7 31.1
265 28.7 23.4 35.0



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: 0.380 ng

RT: 23.10 min Scan# 1984

Delta R.T. -0.00 min

Lab File: BE100469.D

Acq: 19 Jul 2019 13:58

Instrument :

BNA_E

ClientSampleId :

ICVBE071919

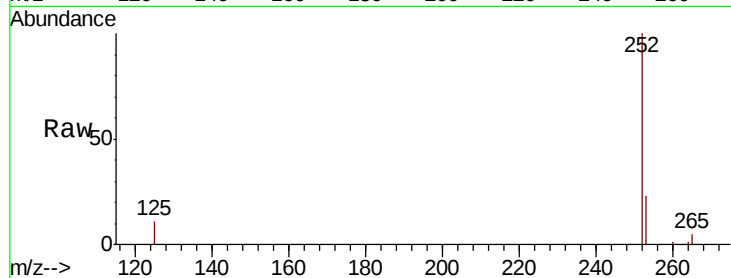
Tot Ion:252 Resp: 26259

Ion Ratio Lower Upper

252 100

253 22.9 18.5 27.7

125 10.7 9.0 13.4

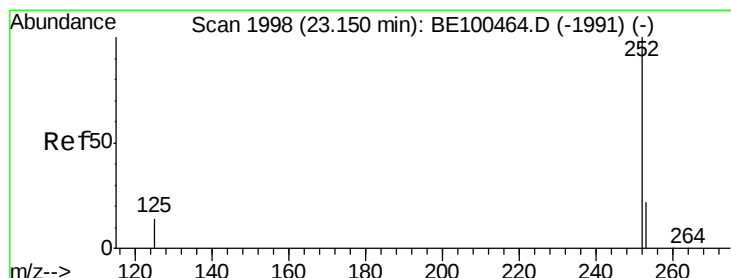
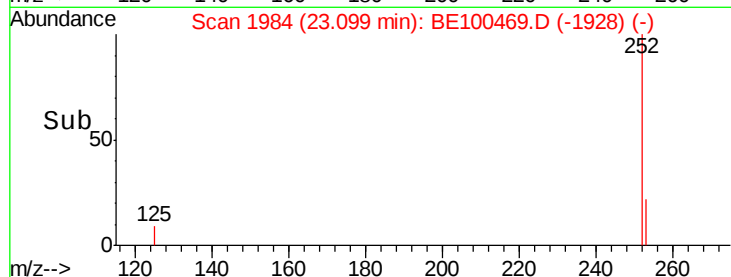
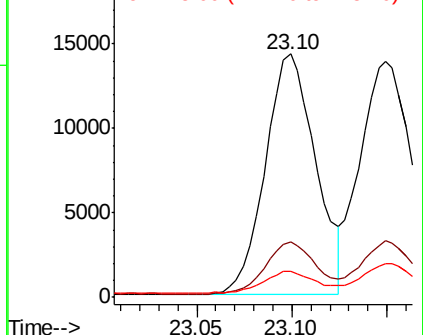


Abundance

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: 0.382 ng

RT: 23.15 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BE100469.D

Acq: 19 Jul 2019 13:58

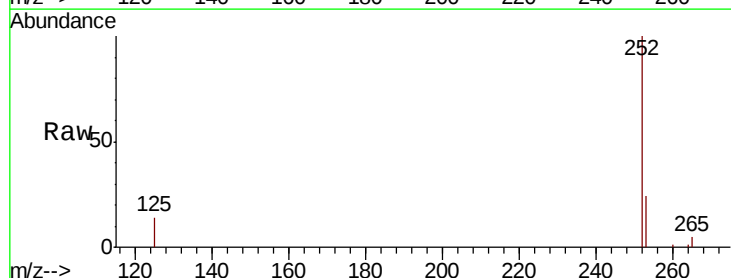
Tgt Ion:252 Resp: 28049

Ion Ratio Lower Upper

252 100

253 23.8 19.0 28.4

125 14.2 11.8 17.8

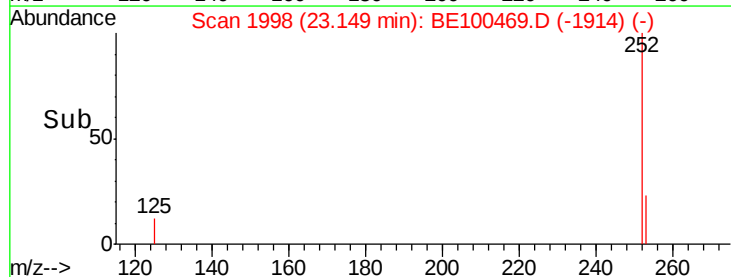
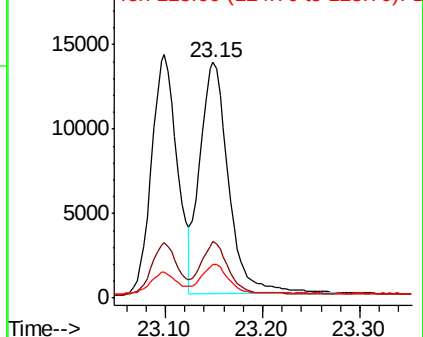


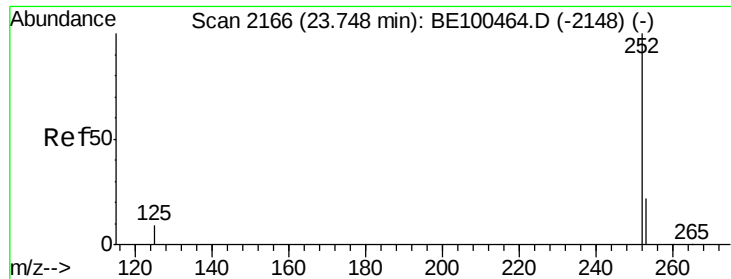
Abundance

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: 0.386 ng

RT: 23.75 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BE100469.D

Acq: 19 Jul 2019 13:58

Instrument :

BNA_E

ClientSampleId :

ICVBE071919

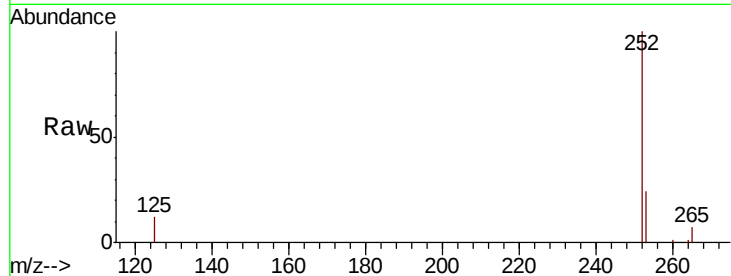
Tot Ion:252 Resp: 25754

Ion Ratio Lower Upper

252 100

253 24.1 19.1 28.7

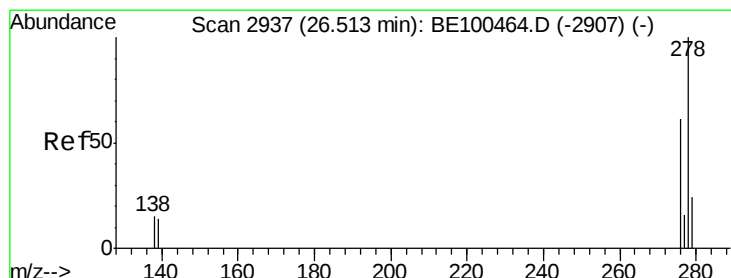
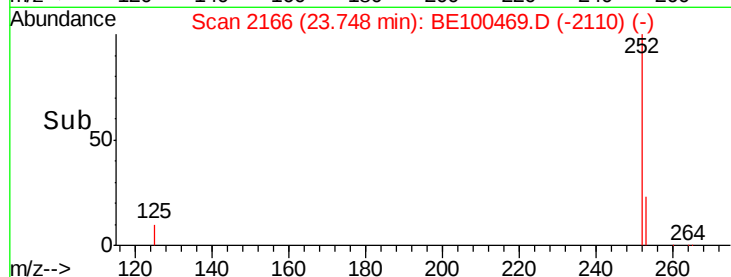
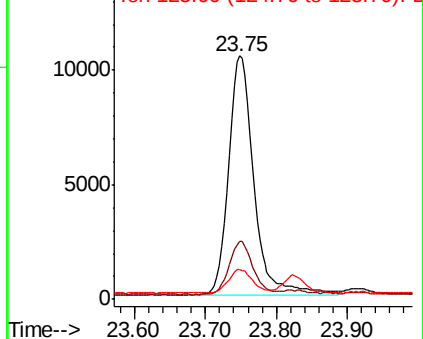
125 12.3 10.0 15.0



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: 0.386 ng

RT: 26.51 min Scan# 2937

Delta R.T. -0.00 min

Lab File: BE100469.D

Acq: 19 Jul 2019 13:58

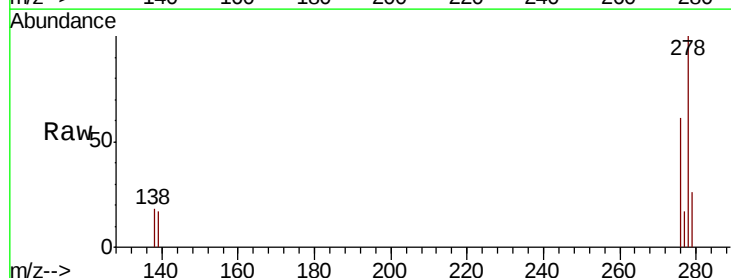
Tgt Ion:278 Resp: 24239

Ion Ratio Lower Upper

278 100

139 16.7 13.0 19.6

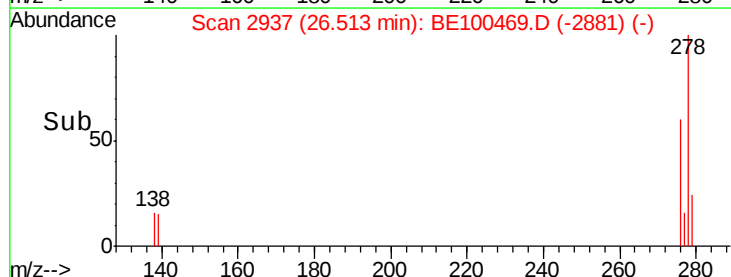
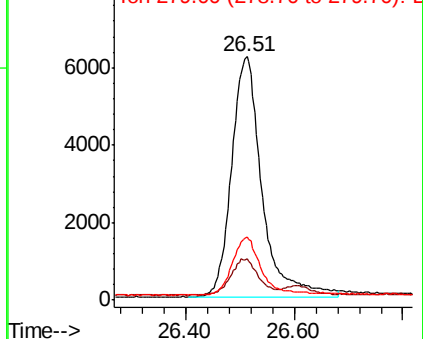
279 26.0 20.4 30.6

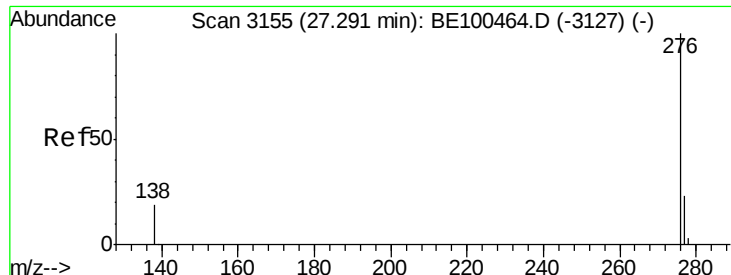


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.391 ng

RT: 27.28 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BE100469.D

Acq: 19 Jul 2019 13:58

Instrument :

BNA_E

ClientSampleId :

ICVBE071919

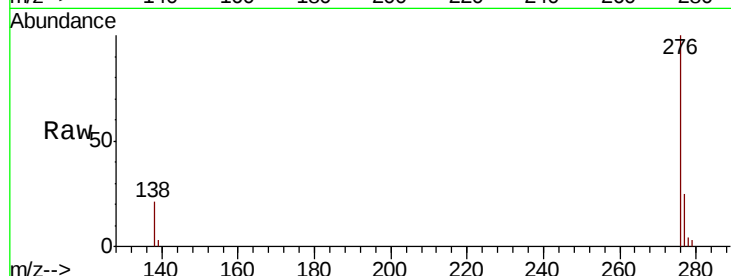
Tot Ion: 276 Resp: 25291

Ion Ratio Lower Upper

276 100

277 25.0 19.9 29.9

138 21.2 16.7 25.1



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

