

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061120\
 Data File : BN010837.D
 Acq On : 11 Jun 2020 13:20
 Operator : CG/JU
 Sample : L2904-03MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VE-4-11MSD

Quant Time: Jun 11 13:50:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 15:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	4489	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	16856	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	11073	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	20553	0.40	ng	0.00
27) Chrysene-d12	21.13	240	19929	0.40	ng	0.00
34) Perylene-d12	23.29	264	21935	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	1649	0.19	ng	0.00
5) Phenol-d6	6.75	99	1267	0.12	ng	0.00
8) Nitrobenzene-d5	8.68	82	5238	0.42	ng	-0.01
11) 2-Methylnaphthalene-d10	11.90	152	9810	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	1931	0.49	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	14896	0.34	ng	0.00
25) Fluoranthene-d10	18.97	212	23261	0.41	ng	0.00
29) Terphenyl-d14	19.58	244	20225	0.43	ng	0.00

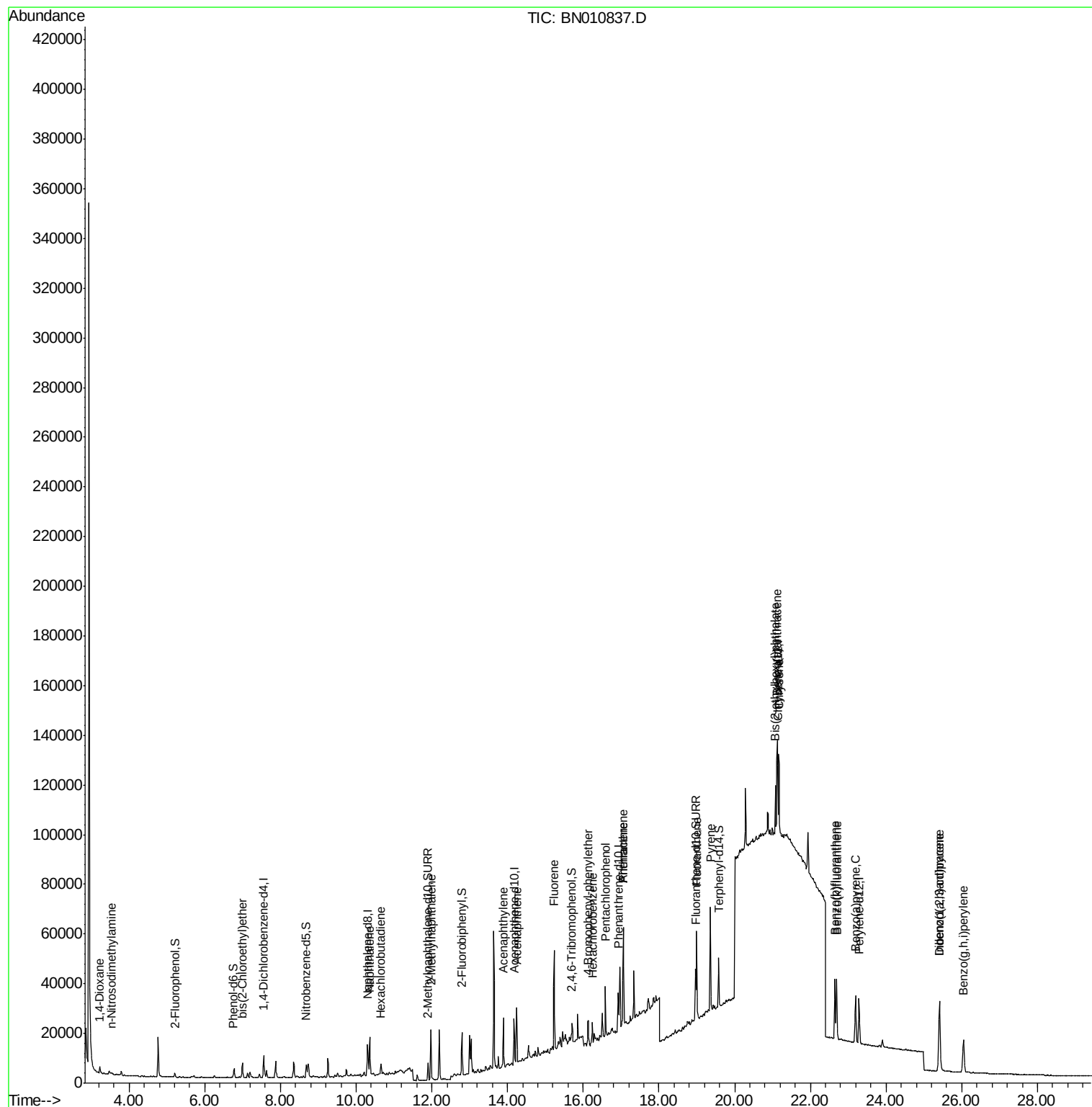
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	2168	0.493	ng	# 88
3) n-Nitrosodimethylamine	3.54	42	443	0.173	ng	# 94
6) bis(2-Chloroethyl)ether	6.99	93	4949	0.497	ng	95
9) Naphthalene	10.35	128	19430	0.459	ng	99
10) Hexachlorobutadiene	10.65	225	3974	0.380	ng	# 100
12) 2-Methylnaphthalene	11.97	142	14072	0.496	ng	95
16) Acenaphthylene	13.89	152	22284	0.491	ng	# 82
17) Acenaphthene	14.24	154	12758	0.412	ng	96
18) Fluorene	15.23	166	17415	0.437	ng	97
20) 4-Bromophenyl-phenylether	16.13	248	5292	0.428	ng	# 85
21) Hexachlorobenzene	16.24	284	5355	0.416	ng	96
22) Pentachlorophenol	16.59	266	8539	1.974	ng	93
23) Phenanthrene	17.06	178	40270	0.717	ng	97
24) Anthracene	17.06	178	39884	0.851	ng	96
26) Fluoranthene	19.00	202	31335	0.492	ng	# 97
28) Pyrene	19.36	202	37919	0.575	ng	97
30) Benzo(a)anthracene	21.12	228	29419	0.502	ng	# 77
31) Chrysene	21.17	228	29411	0.431	ng	# 80
32) Bis(2-ethylhexyl)phthalate	21.08	149	17095	0.875	ng	98
33) Indeno(1,2,3-cd)pyrene	25.40	276	30473	0.399	ng	# 97
35) Benzo(b)fluoranthene	22.65	252	28767	0.386	ng	# 79
36) Benzo(k)fluoranthene	22.69	252	28559	0.359	ng	# 79
37) Benzo(a)pyrene	23.19	252	25559	0.400	ng	# 84
38) Dibenzo(a,h)anthracene	25.42	278	25013	0.343	ng	# 87
39) Benzo(g,h,i)perylene	26.04	276	25998	0.341	ng	# 90

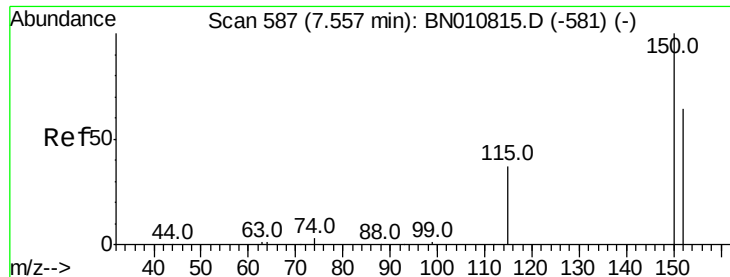
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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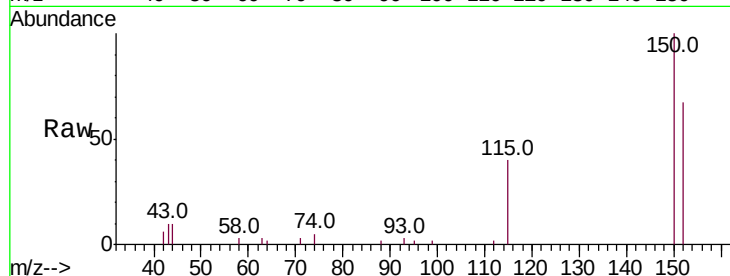


#1

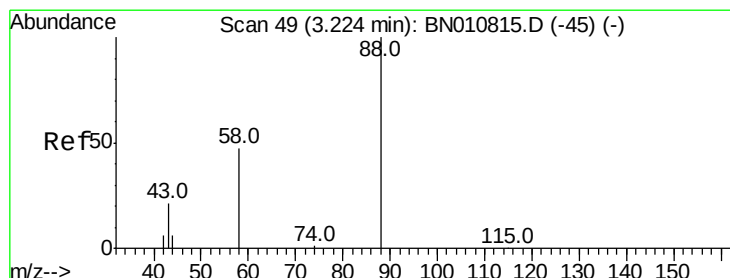
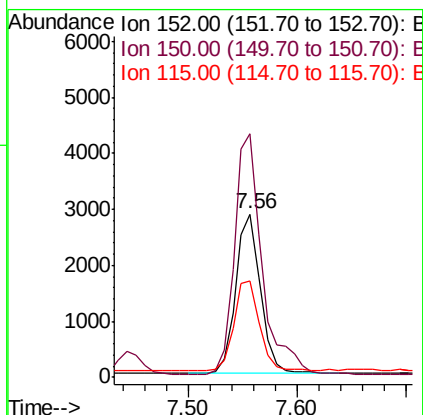
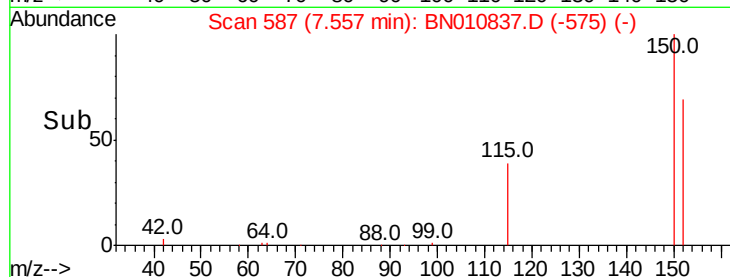
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. 0.00 min
Lab File: BN010837.D
Acq: 11 Jun 2020 13:20

Instrument :
BNA_N
ClientSampleId :
VE-4-11MSD

Tot Ion:152 Resp: 4489
Ion Ratio Lower Upper
152 100
150 149.4 123.8 185.6
115 59.5 49.2 73.8



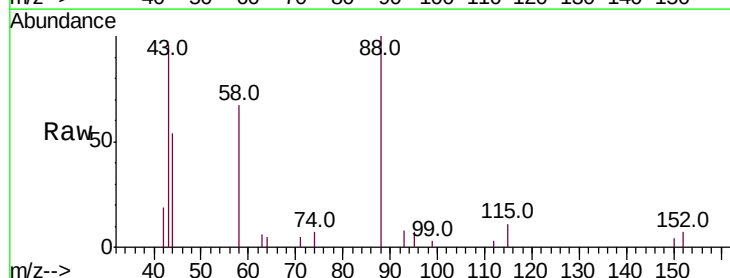
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



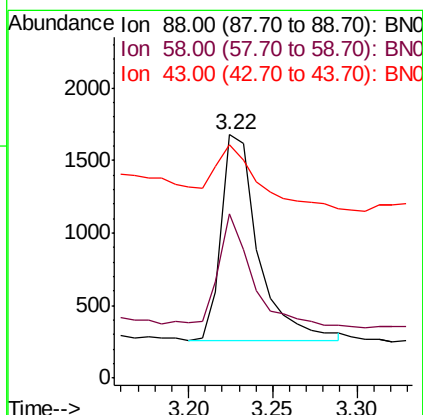
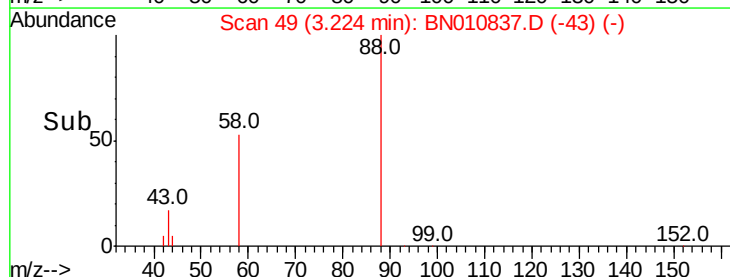
#2

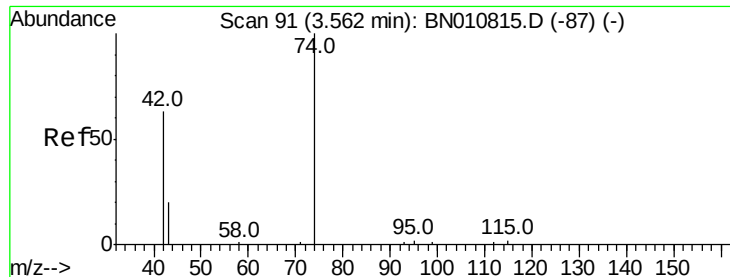
1,4-Dioxane
Concen: 0.493 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN010837.D
Acq: 11 Jun 2020 13:20

Tgt Ion: 88 Resp: 2168
Ion Ratio Lower Upper
88 100
58 46.0 38.2 57.4
43 35.2 15.1 22.7#



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC

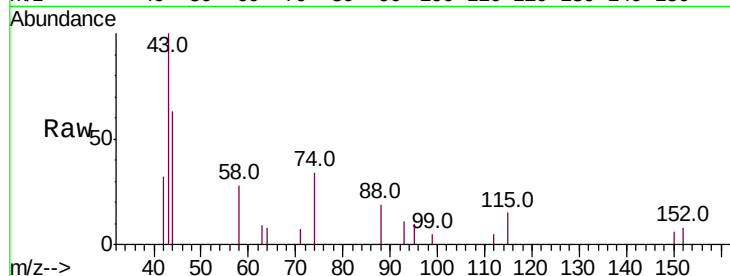




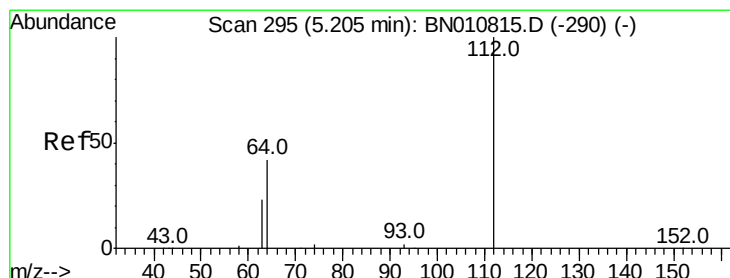
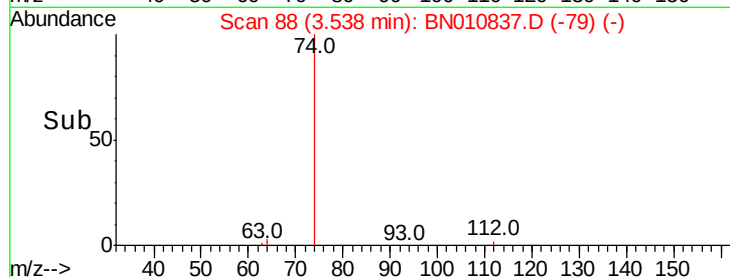
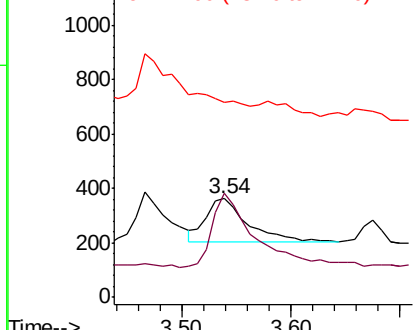
#3
n-Nitrosodimethylamine
Concen: 0.173 ng
RT: 3.54 min Scan# 88
Delta R.T. -0.02 min
Lab File: BN010837.D
Acq: 11 Jun 2020 13:20

Instrument :
BNA_N
ClientSampleId :
VE-4-11MSD

Tot Ion: 42 Resp: 443
Ion Ratio Lower Upper
42 100
74 167.3 140.7 211.1
44 0.0 1.4 2.2#

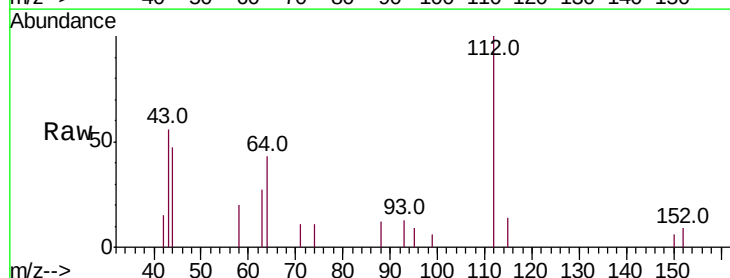


Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0

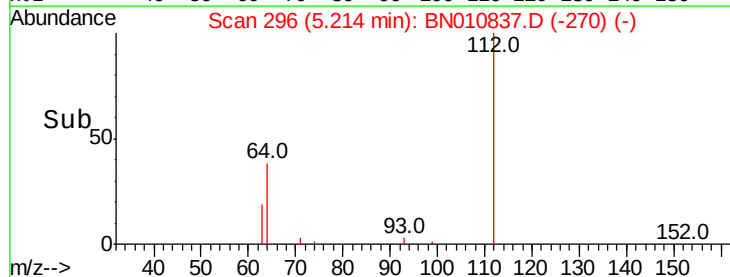
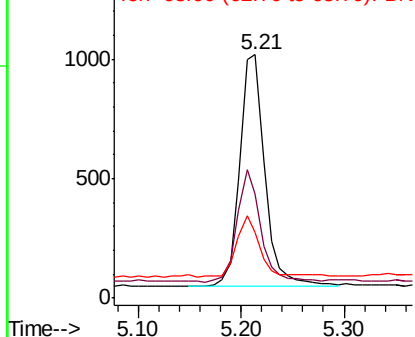


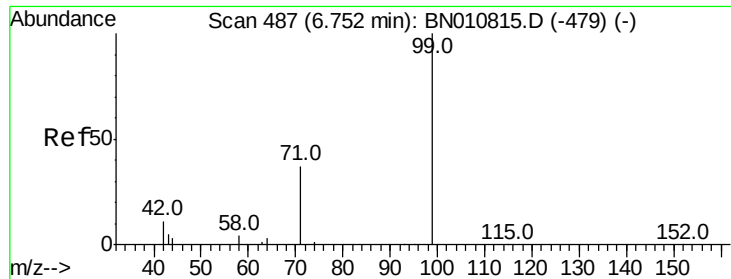
#4
2-Fluorophenol
Concen: 0.190 ng
RT: 5.21 min Scan# 296
Delta R.T. 0.01 min
Lab File: BN010837.D
Acq: 11 Jun 2020 13:20

Tgt Ion: 112 Resp: 1649
Ion Ratio Lower Upper
112 100
64 45.2 37.4 56.0
63 24.3 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.124 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

Instrument :

BNA_N

ClientSampleId :

VE-4-11MSD

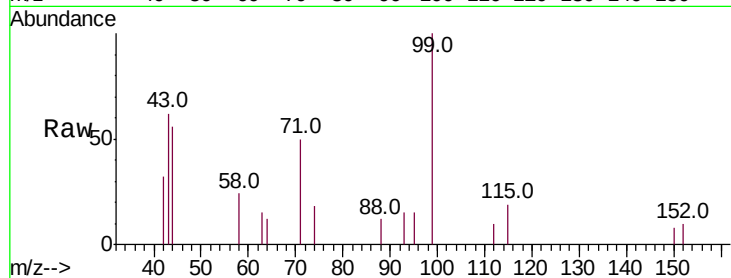
Tot Ion: 99 Resp: 1267

Ion Ratio Lower Upper

99 100

42 14.0 11.1 16.7

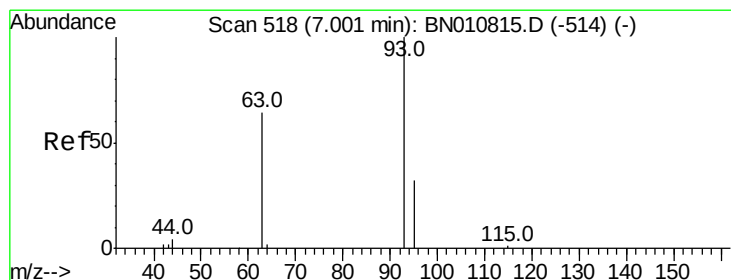
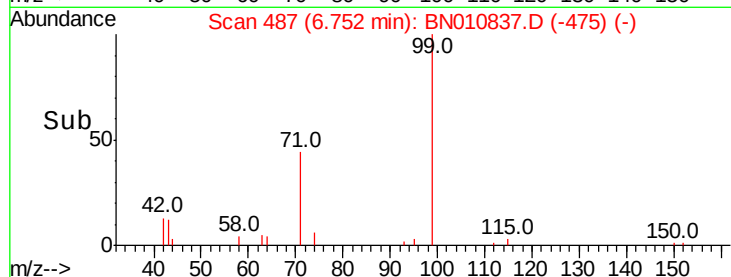
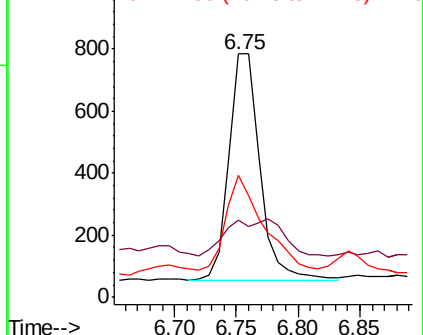
71 49.5 31.4 47.2#



Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.497 ng

RT: 6.99 min Scan# 517

Delta R.T. -0.01 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

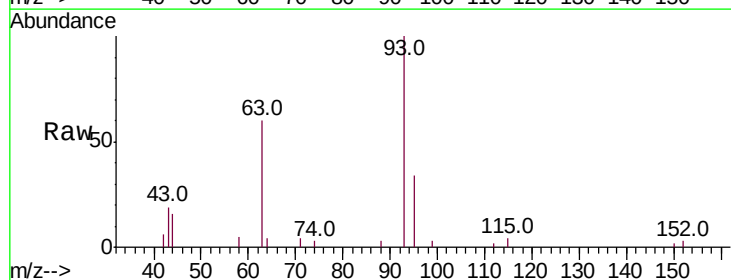
Tgt Ion: 93 Resp: 4949

Ion Ratio Lower Upper

93 100

63 55.8 49.4 74.2

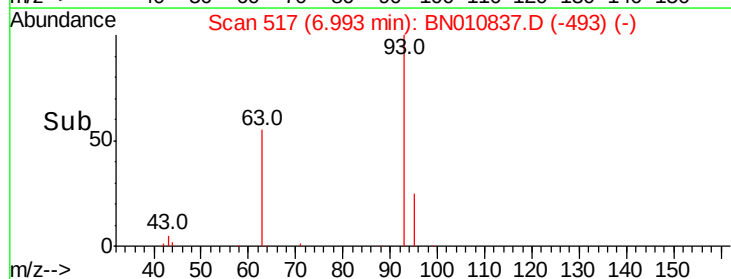
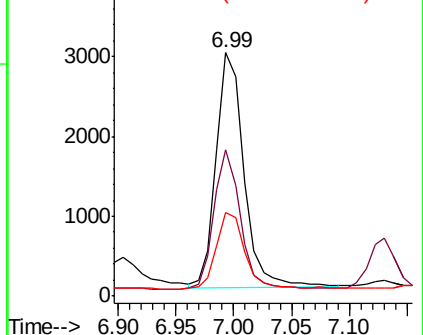
95 33.0 26.7 40.1

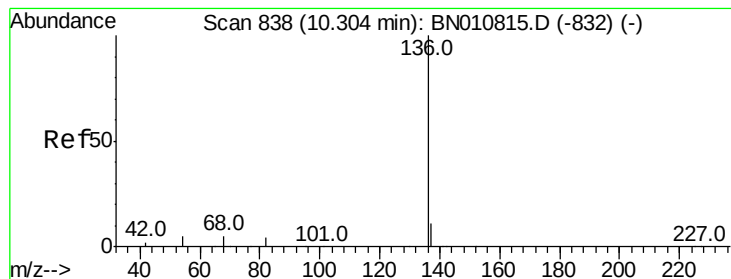


Abundance Ion 93.00 (92.70 to 93.70): BN010815.D (-514) (-)

Ion 63.00 (62.70 to 63.70): BN010815.D (-514) (-)

Ion 95.00 (94.70 to 95.70): BN010815.D (-514) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

Instrument :

BNA_N

ClientSampleId :

VE-4-11MSD

Tot Ion:136 Resp: 16856

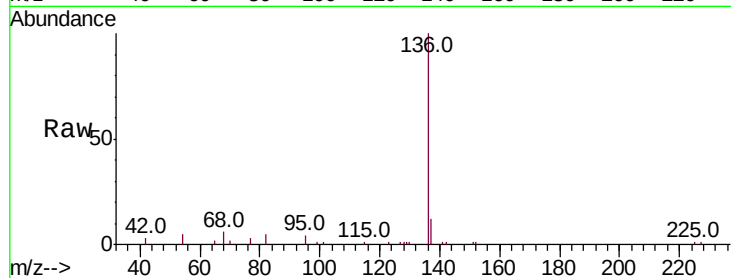
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 4.6 4.9 7.3#

68 6.3 4.7 7.1

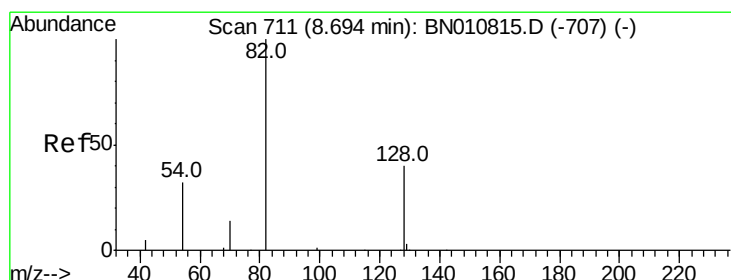
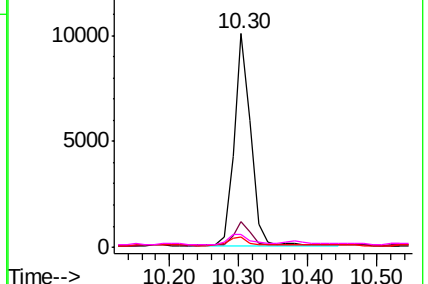
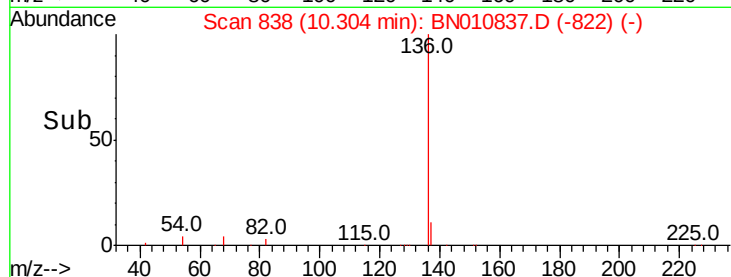


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.420 ng

RT: 8.68 min Scan# 710

Delta R.T. -0.01 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

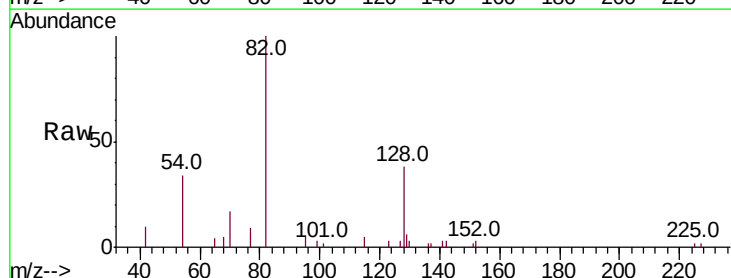
Tgt Ion: 82 Resp: 5238

Ion Ratio Lower Upper

82 100

128 38.4 35.4 53.0

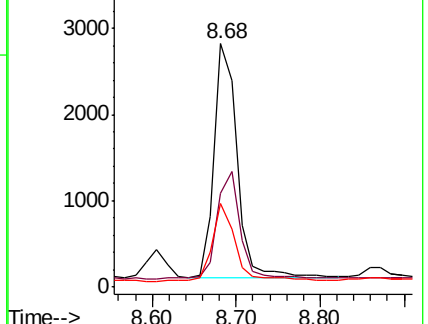
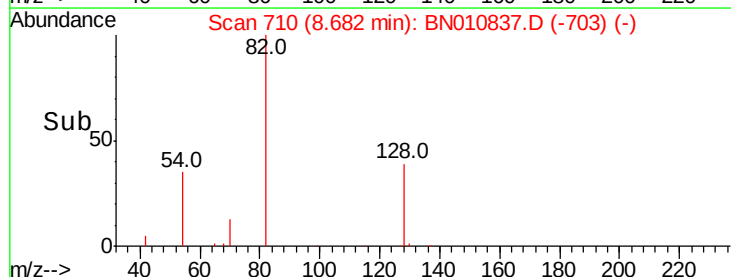
54 34.2 28.2 42.4

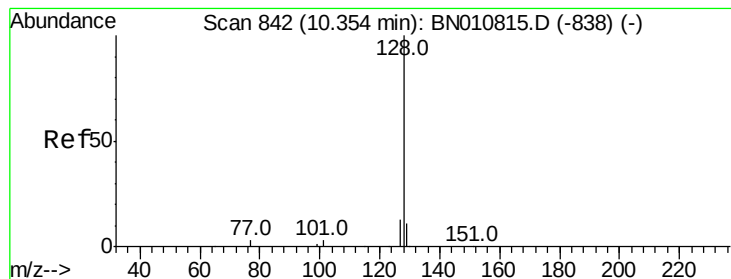


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.459 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

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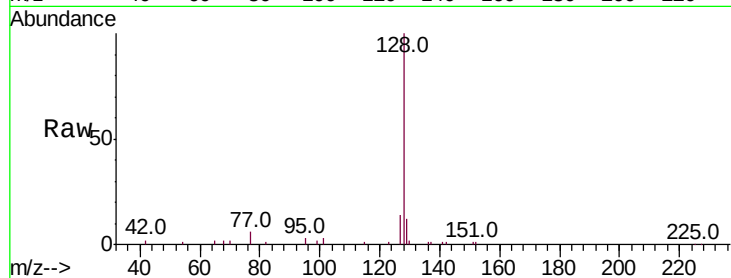
Tot Ion:128 Resp: 19430

Ion Ratio Lower Upper

128 100

129 11.8 9.6 14.4

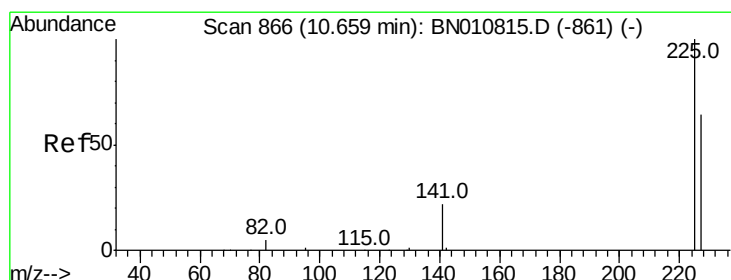
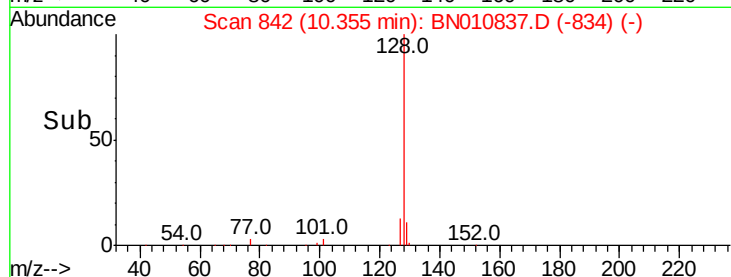
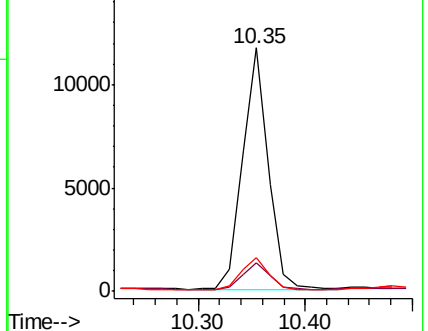
127 13.9 11.4 17.2



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: 0.380 ng

RT: 10.65 min Scan# 865

Delta R.T. -0.01 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

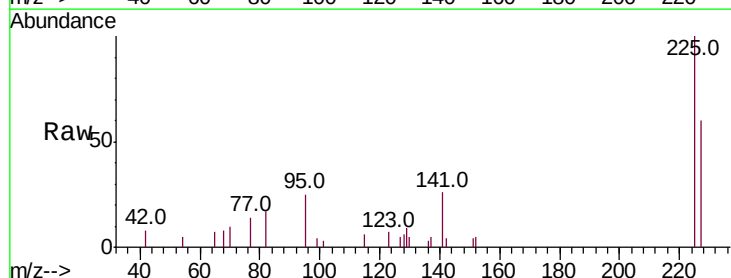
Tgt Ion:225 Resp: 3974

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

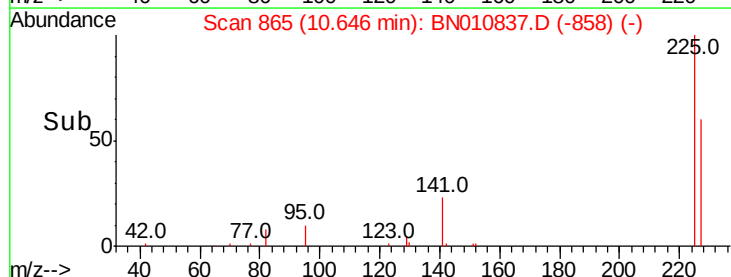
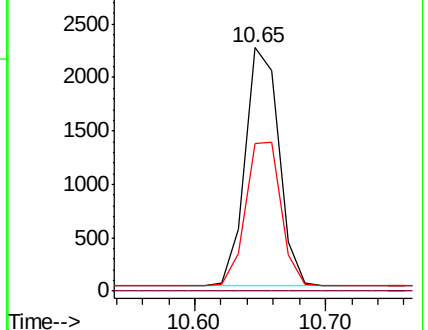
227 63.4 50.5 75.7

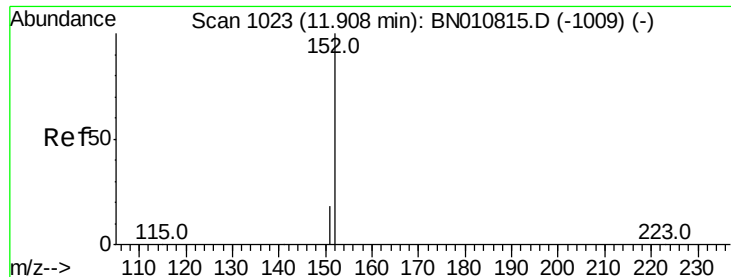


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

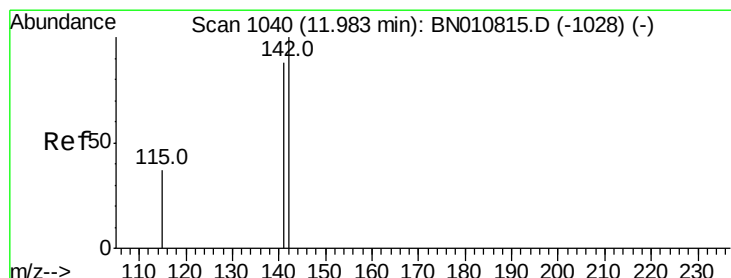
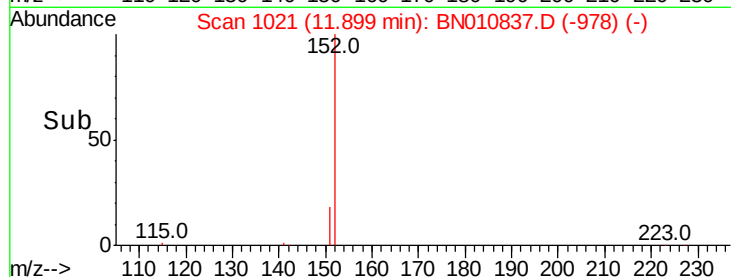
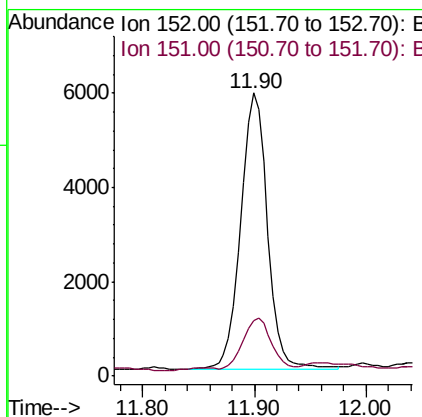
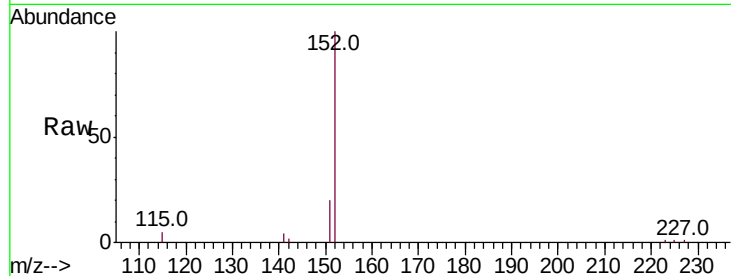




#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 11.90 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BN010837.D
Acq: 11 Jun 2020 13:20

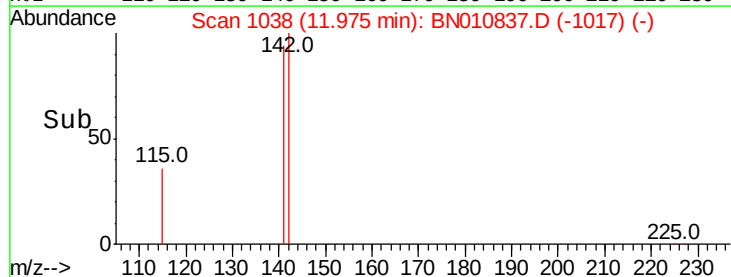
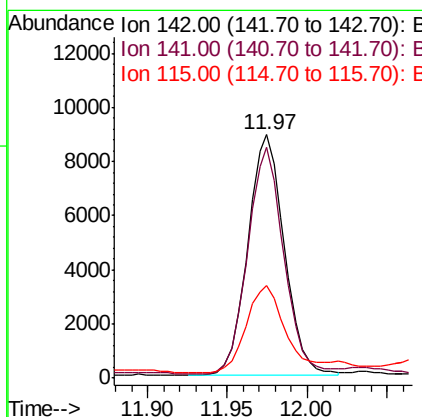
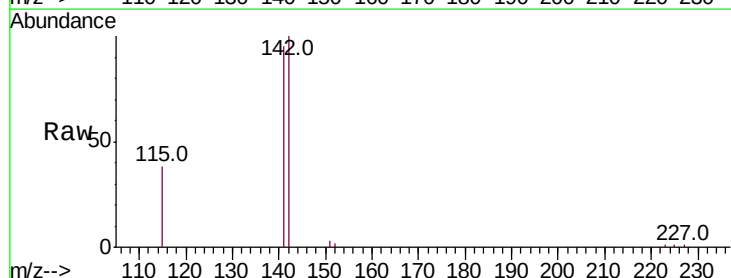
Instrument :
BNA_N
ClientSampleId :
VE-4-11MSD

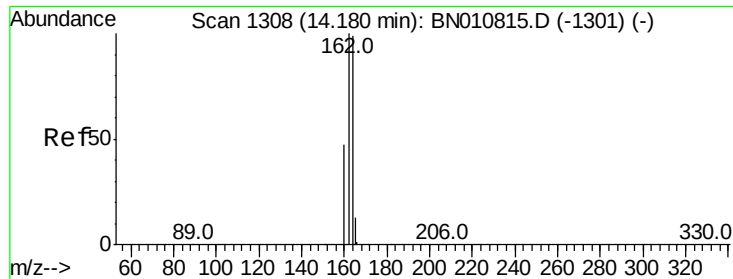
Tot Ion:152 Resp: 9810
Ion Ratio Lower Upper
152 100
151 19.5 15.3 22.9



#12
2-Methylnaphthalene
Concen: 0.496 ng
RT: 11.97 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BN010837.D
Acq: 11 Jun 2020 13:20

Tgt Ion:142 Resp: 14072
Ion Ratio Lower Upper
142 100
141 94.9 70.8 106.2
115 38.3 31.5 47.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

Instrument :

BNA_N

ClientSampleId :

VE-4-11MSD

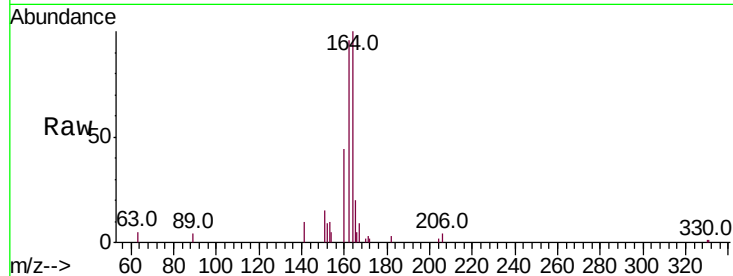
Tot Ion:164 Resp: 11073

Ion Ratio Lower Upper

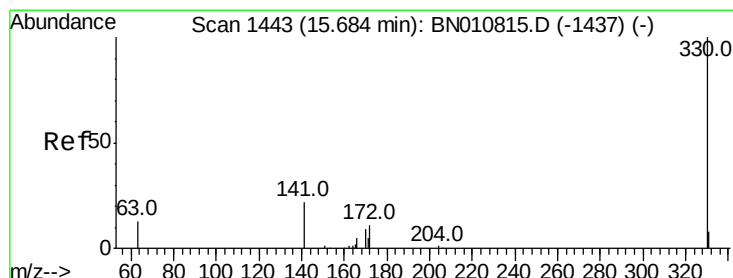
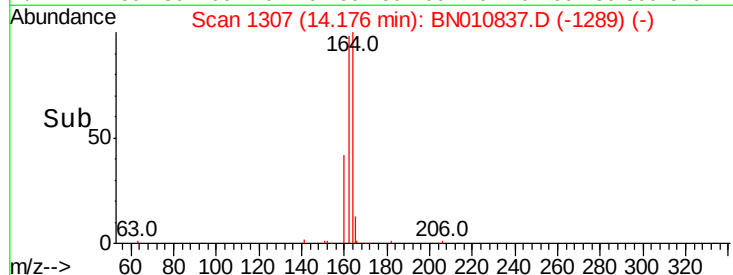
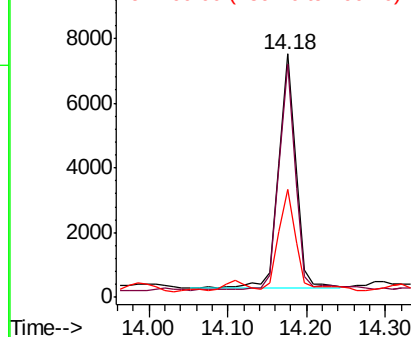
164 100

162 96.0 81.0 121.6

160 44.3 38.9 58.3



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: 0.488 ng

RT: 15.68 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

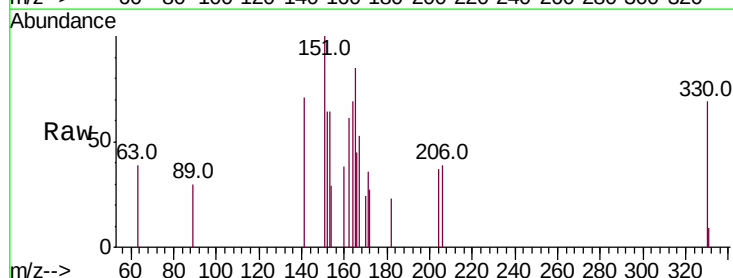
Tgt Ion:330 Resp: 1931

Ion Ratio Lower Upper

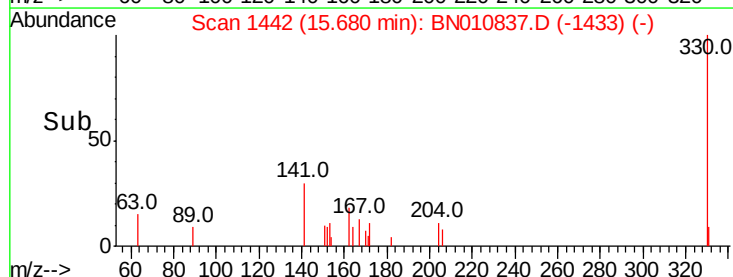
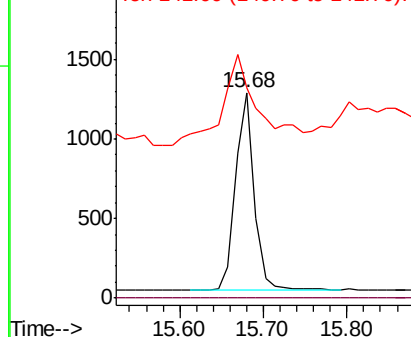
330 100

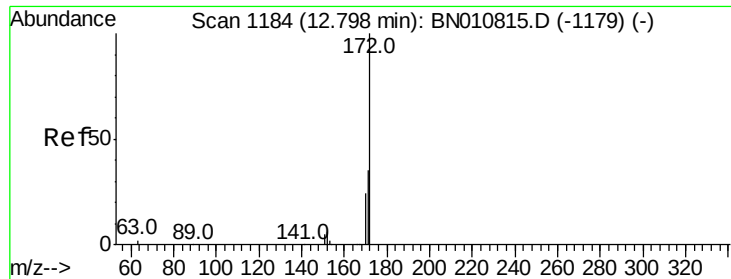
332 0.0 0.0 0.0

141 65.3 33.2 49.8#



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

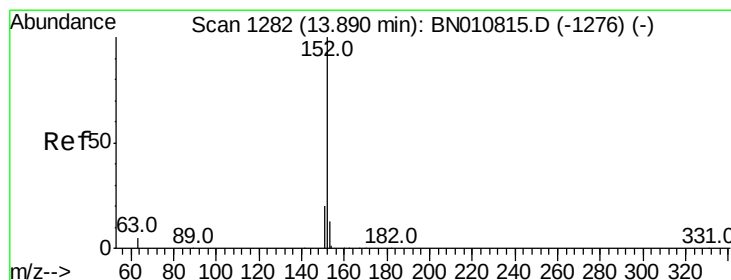
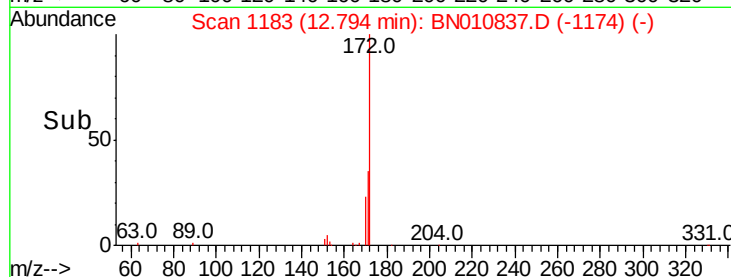
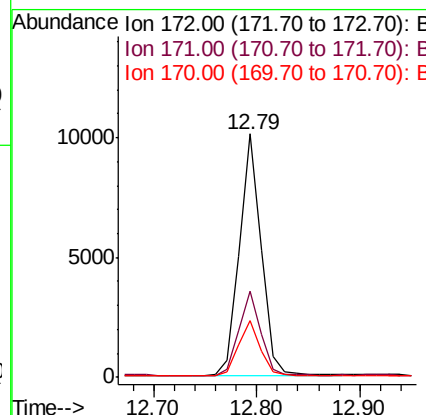
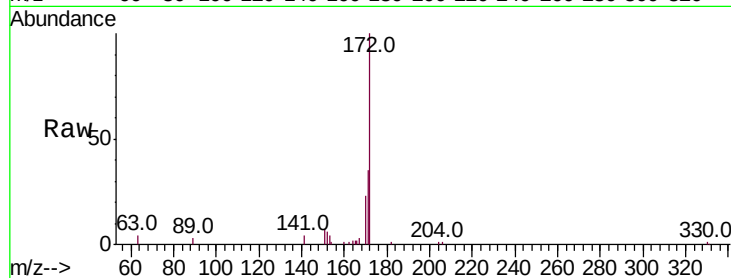




#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 12.79 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BN010837.D
Acq: 11 Jun 2020 13:20

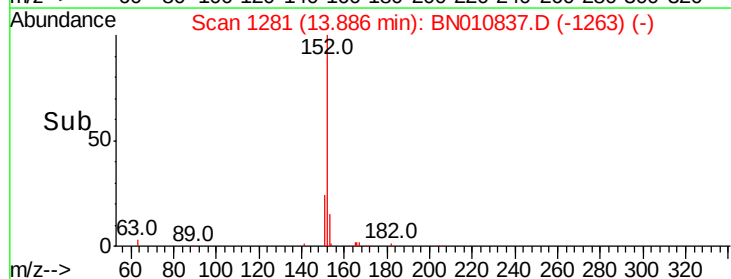
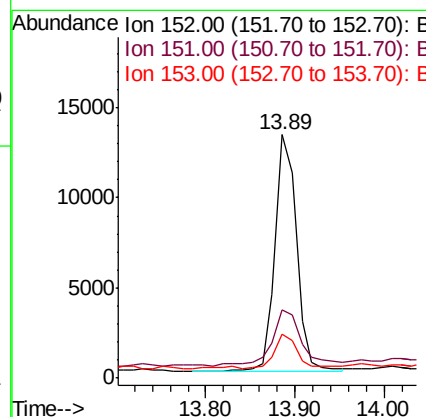
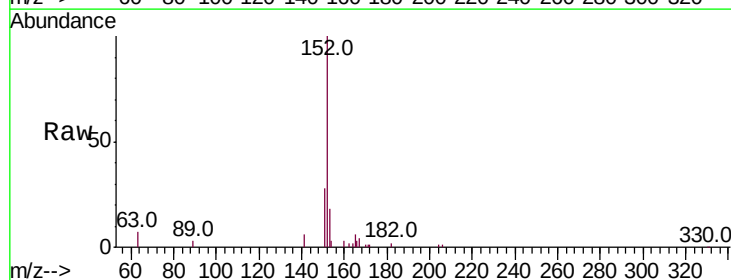
Instrument :
BNA_N
ClientSampleId :
VE-4-11MSD

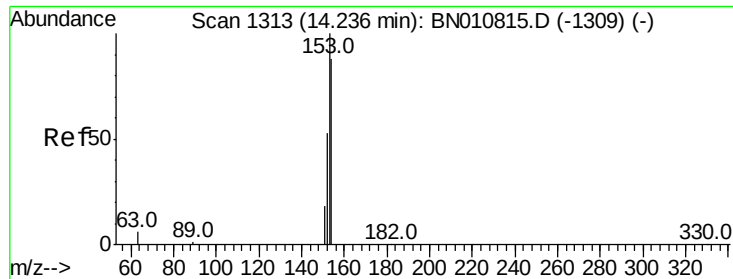
Tot Ion:172 Resp: 14896
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.3 19.7 29.5



#16
Acenaphthylene
Concen: 0.491 ng
RT: 13.89 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BN010837.D
Acq: 11 Jun 2020 13:20

Tgt Ion:152 Resp: 22284
Ion Ratio Lower Upper
152 100
151 32.4 15.6 23.4#
153 14.3 10.6 16.0





#17

Acenaphthene

Concen: 0.412 ng

RT: 14.24 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

Instrument :

BNA_N

ClientSampleId :

VE-4-11MSD

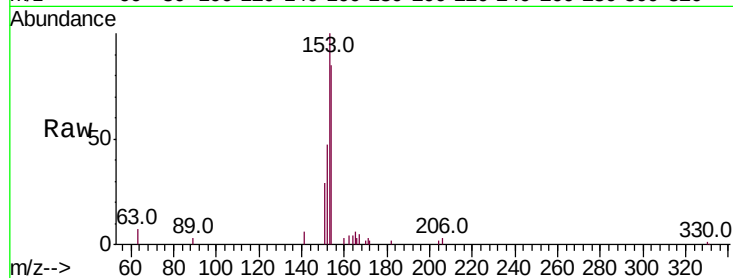
Tot Ion:154 Resp: 12758

Ion Ratio Lower Upper

154 100

153 118.9 91.8 137.6

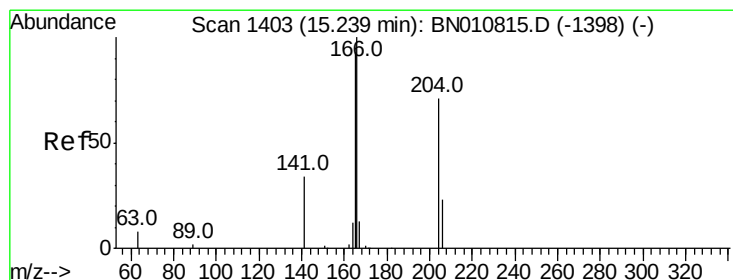
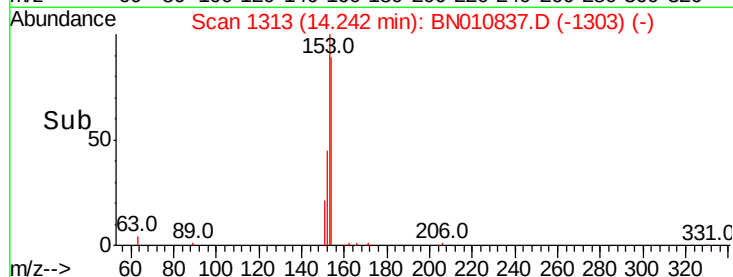
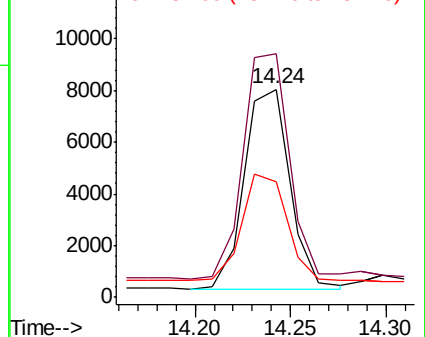
152 55.9 47.6 71.4



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: 0.437 ng

RT: 15.23 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

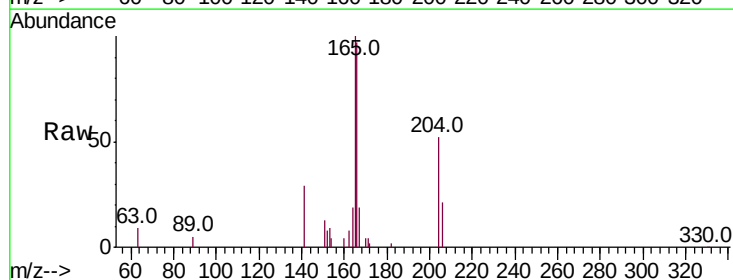
Tgt Ion:166 Resp: 17415

Ion Ratio Lower Upper

166 100

165 99.9 77.2 115.8

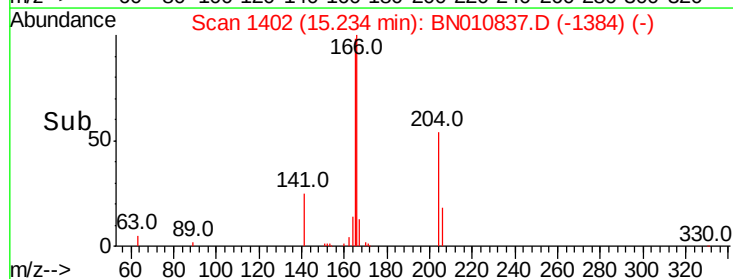
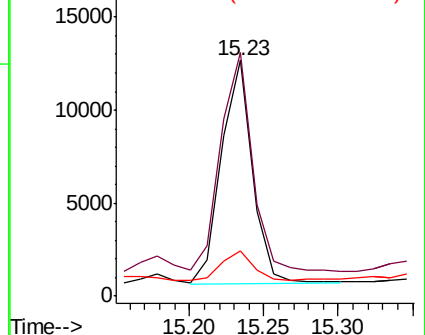
167 13.6 10.7 16.1

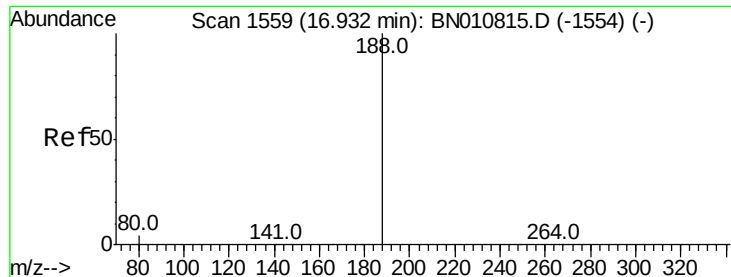


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.93 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

Instrument :

BNA_N

ClientSampleId :

VE-4-11MSD

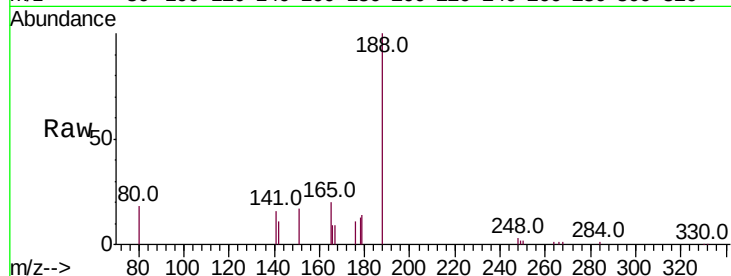
Tot Ion:188 Resp: 20553

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

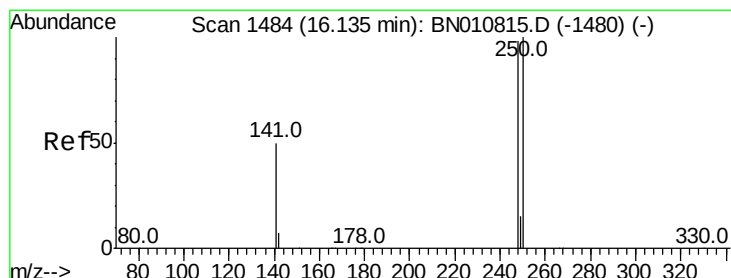
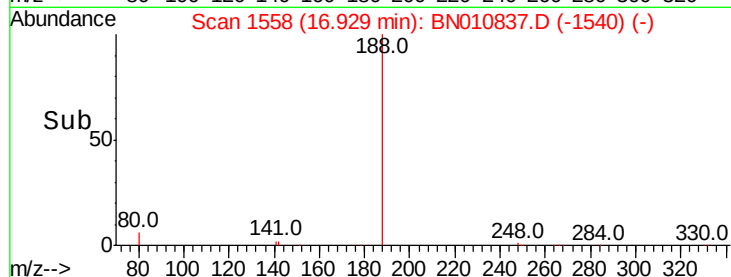
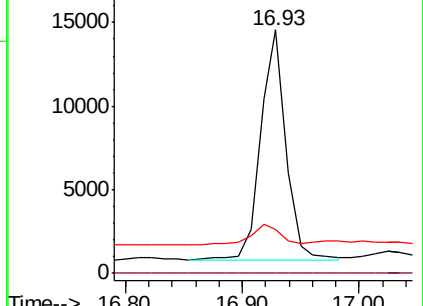
80 17.8 4.5 6.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.428 ng

RT: 16.13 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

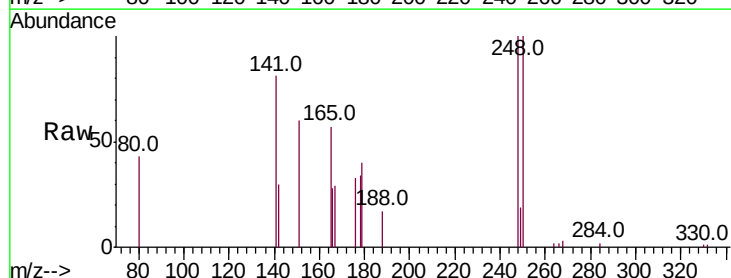
Tgt Ion:248 Resp: 5292

Ion Ratio Lower Upper

248 100

250 99.7 81.8 122.8

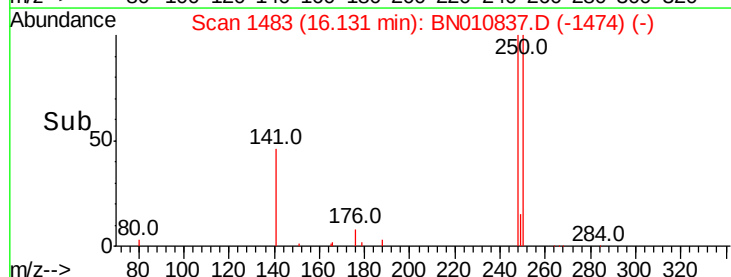
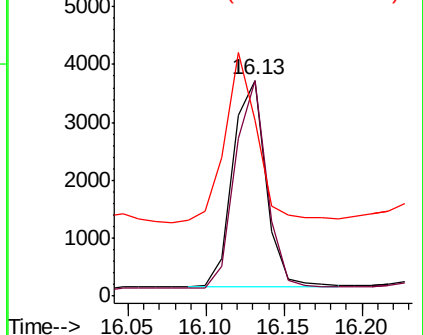
141 81.4 42.6 64.0#

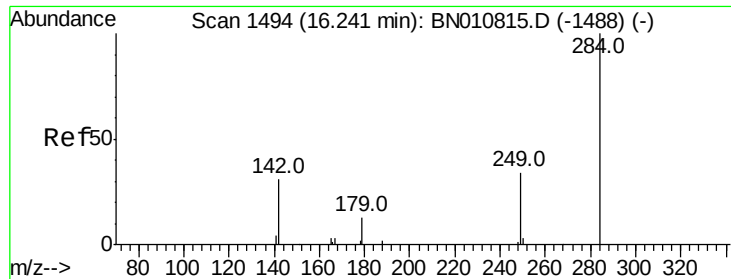


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

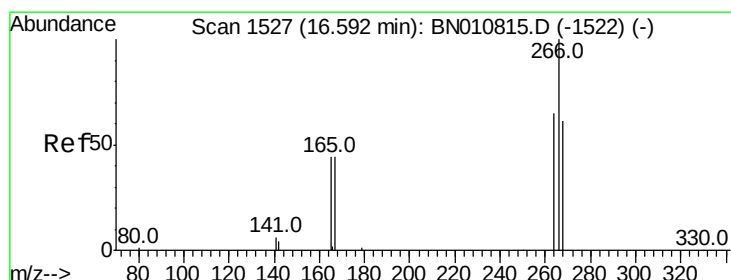
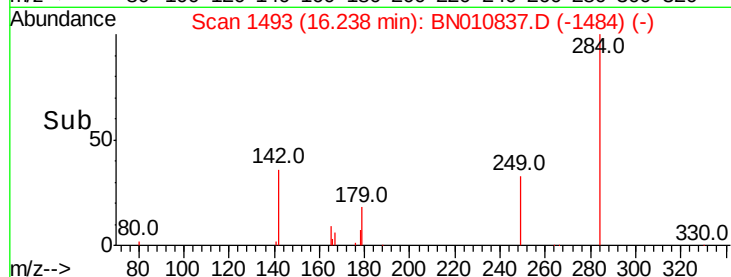
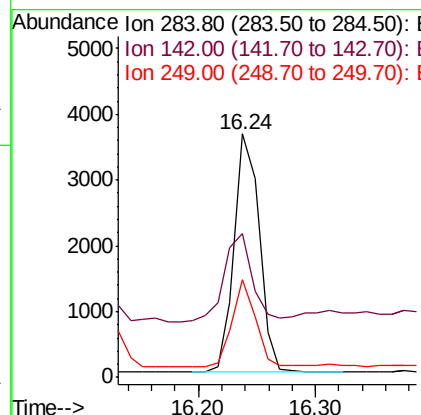
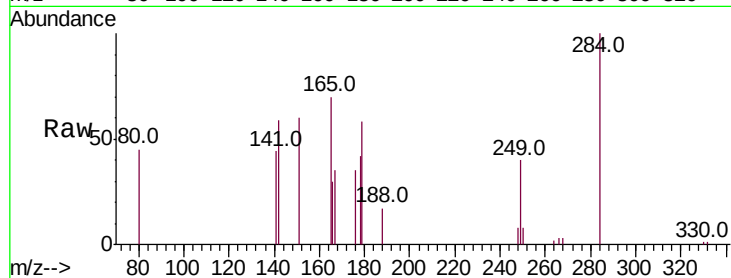




#21
 Hexachlorobenzene
 Concen: 0.416 ng
 RT: 16.24 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BN010837.D
 Acq: 11 Jun 2020 13:20

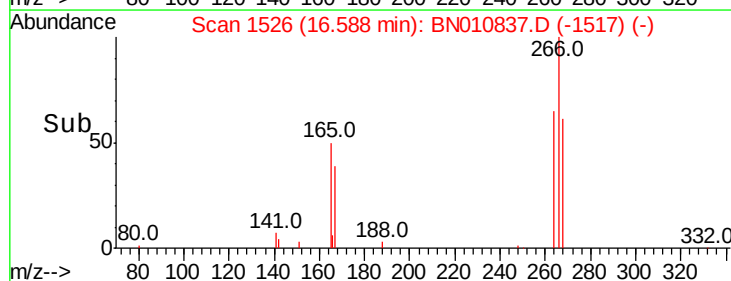
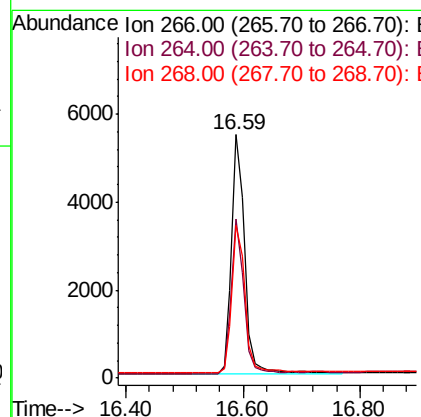
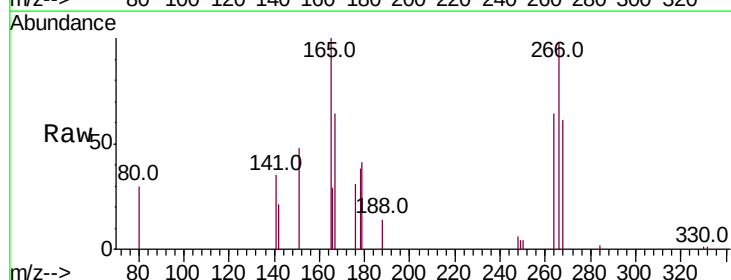
Instrument :
 BNA_N
 ClientSampleId :
 VE-4-11MSD

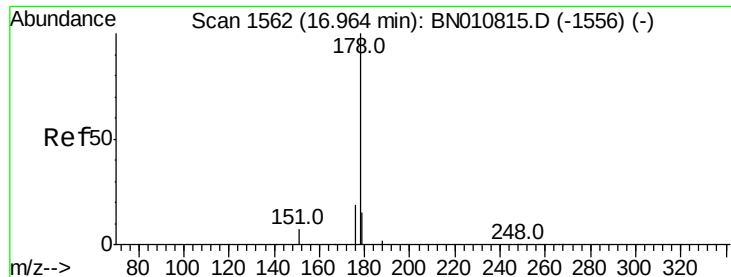
Tot Ion:	284	Resp:	5355
Ion	Ratio	Lower	Upper
284	100		
142	42.6	31.0	46.4
249	34.4	27.1	40.7



#22
 Pentachlorophenol
 Concen: 1.974 ng
 RT: 16.59 min Scan# 1526
 Delta R.T. -0.00 min
 Lab File: BN010837.D
 Acq: 11 Jun 2020 13:20

Tgt Ion:	266	Resp:	8539
Ion	Ratio	Lower	Upper
266	100		
264	65.2	54.8	82.2
268	62.6	55.9	83.9





#23

Phenanthrene

Concen: 0.717 ng

RT: 17.06 min Scan# 1570

Delta R.T. 0.09 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

Instrument :

BNA_N

ClientSampleId :

VE-4-11MSD

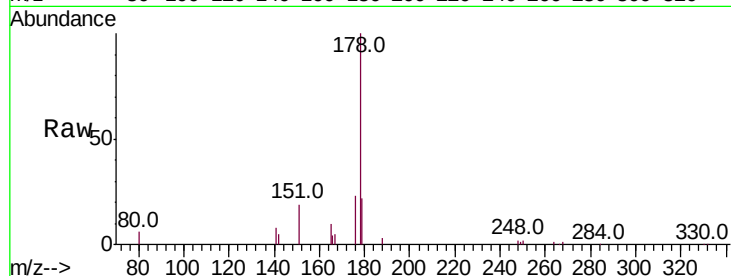
Tot Ion:178 Resp: 40270

Ion Ratio Lower Upper

178 100

176 19.8 15.3 22.9

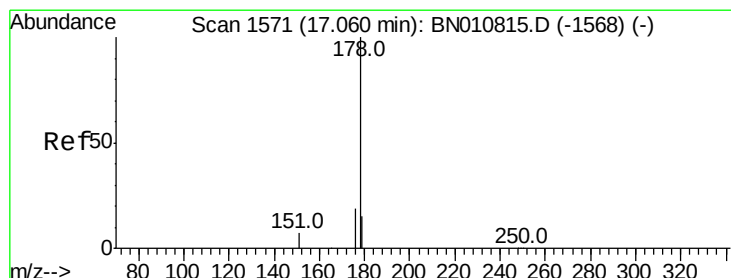
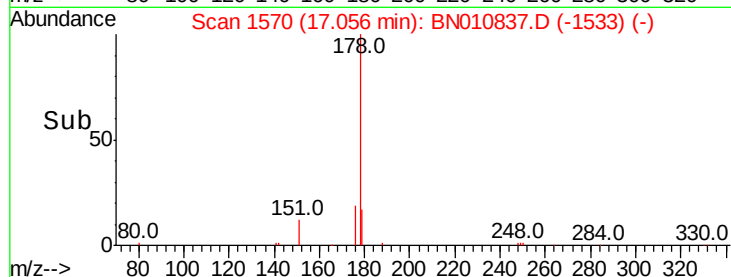
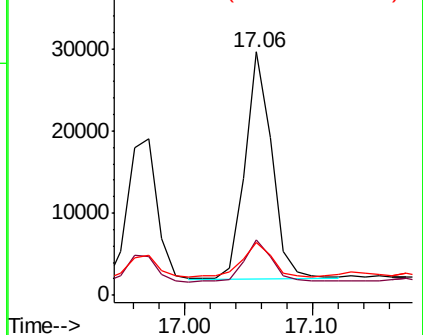
179 18.1 12.6 19.0



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



#24

Anthracene

Concen: 0.851 ng

RT: 17.06 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

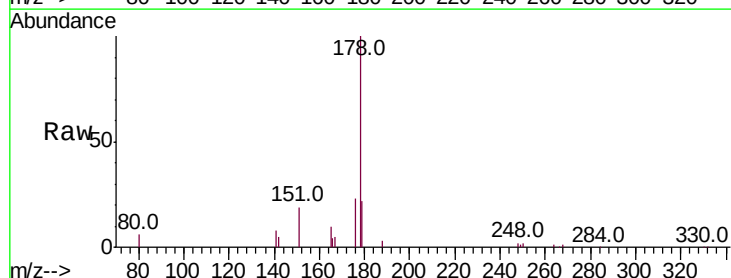
Tgt Ion:178 Resp: 39884

Ion Ratio Lower Upper

178 100

176 19.7 14.6 22.0

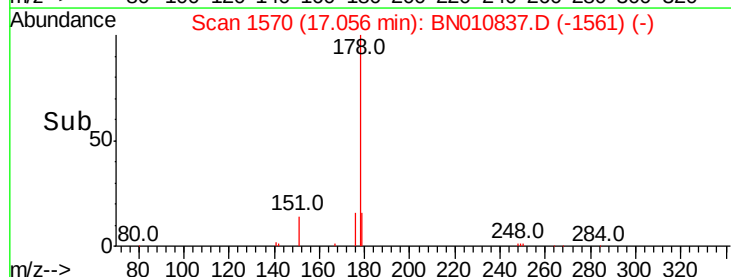
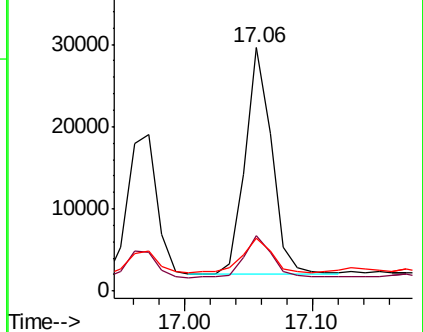
179 17.6 12.3 18.5

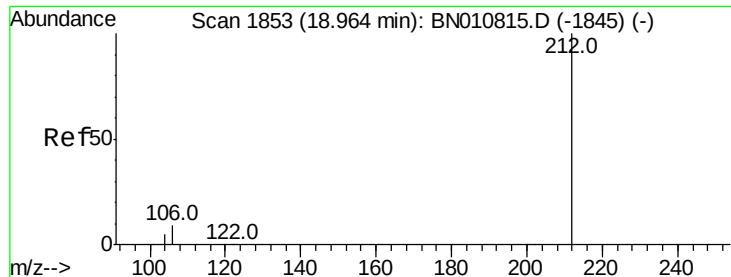


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.410 ng

RT: 18.97 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

Instrument :

BNA_N

ClientSampleId :

VE-4-11MSD

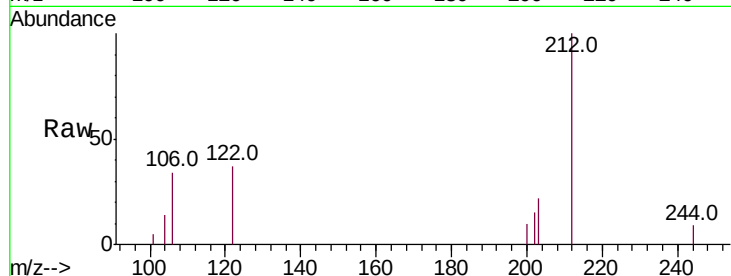
Tot Ion:212 Resp: 23261

Ion Ratio Lower Upper

212 100

106 11.7 6.6 10.0#

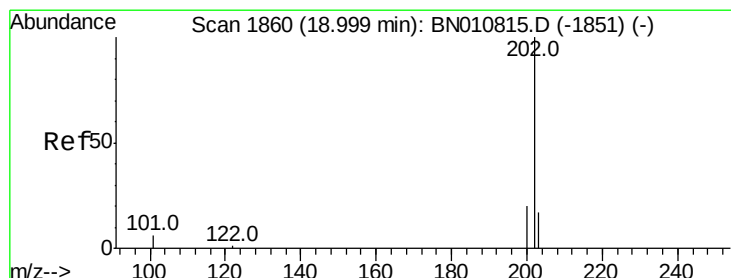
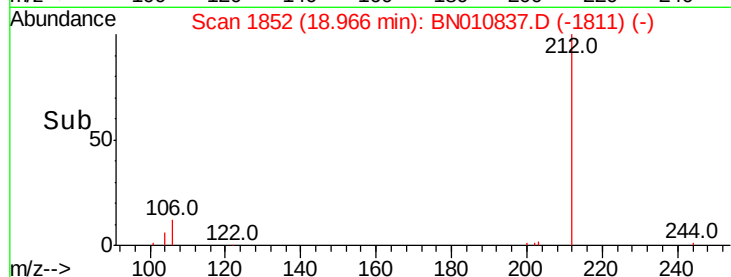
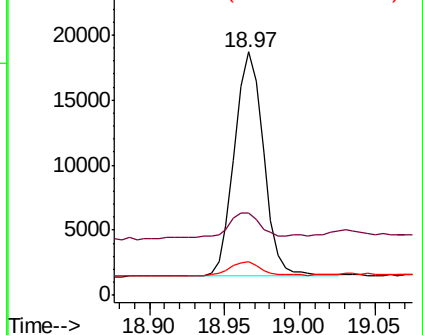
104 7.6 4.0 6.0#



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: 0.492 ng

RT: 19.00 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

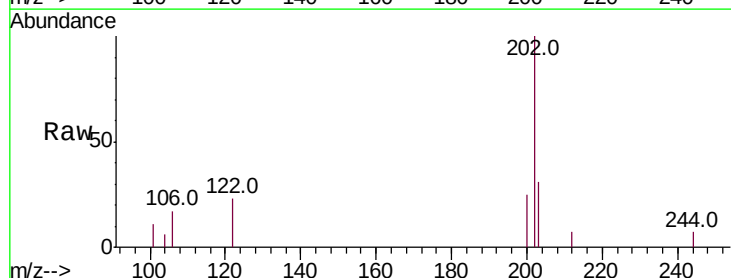
Tgt Ion:202 Resp: 31335

Ion Ratio Lower Upper

202 100

101 9.2 5.8 8.6#

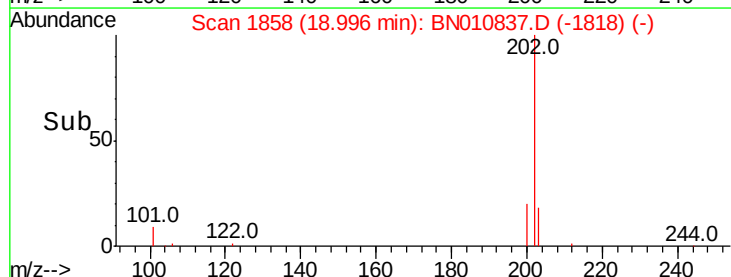
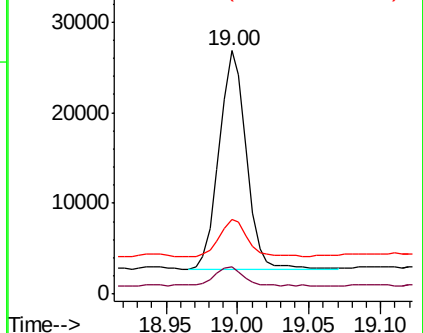
203 17.7 13.7 20.5

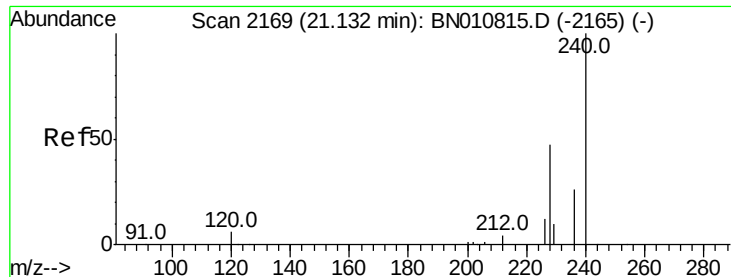


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.13 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

Instrument :

BNA_N

ClientSampleId :

VE-4-11MSD

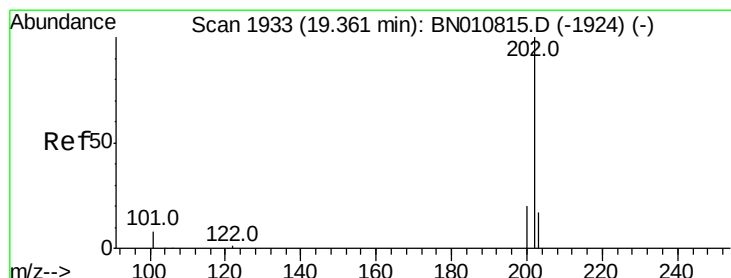
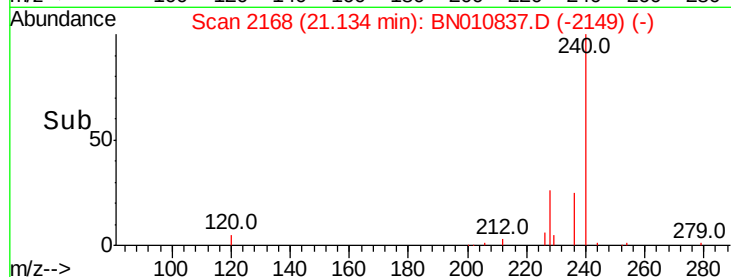
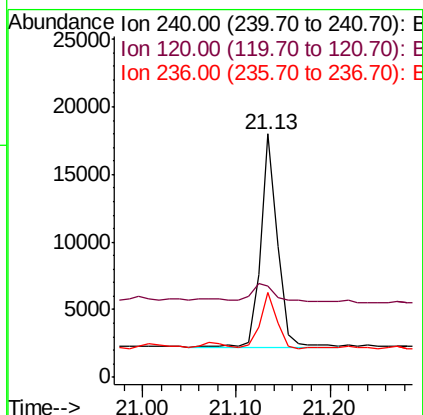
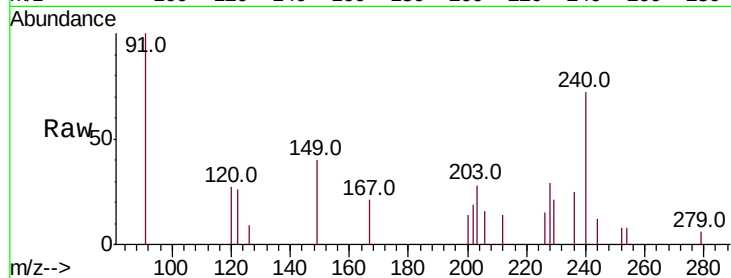
Tot Ion:240 Resp: 19929

Ion Ratio Lower Upper

240 100

120 37.6 7.5 11.3#

236 35.0 22.3 33.5#



#28

Pyrene

Concen: 0.575 ng

RT: 19.36 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

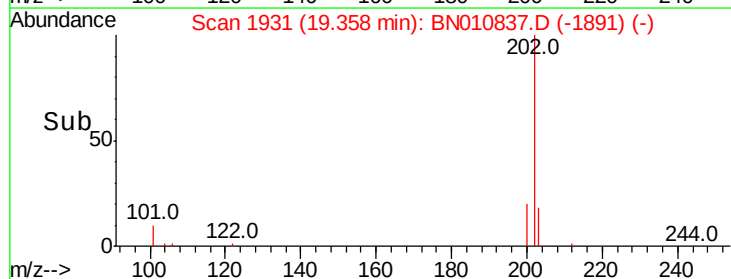
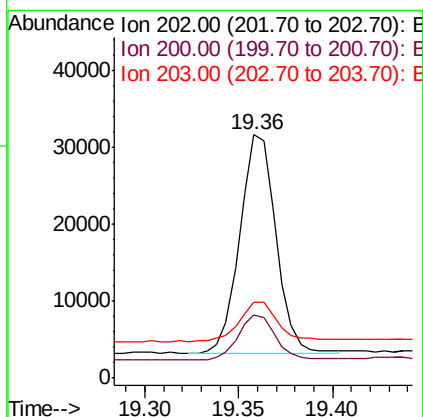
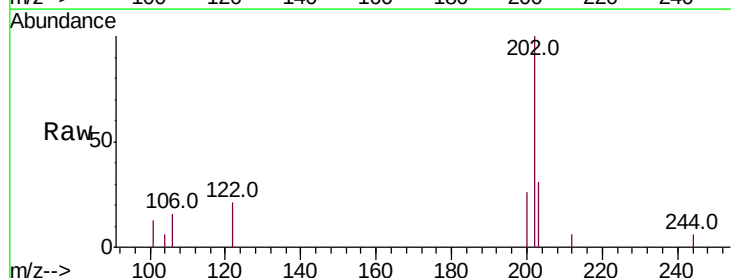
Tgt Ion:202 Resp: 37919

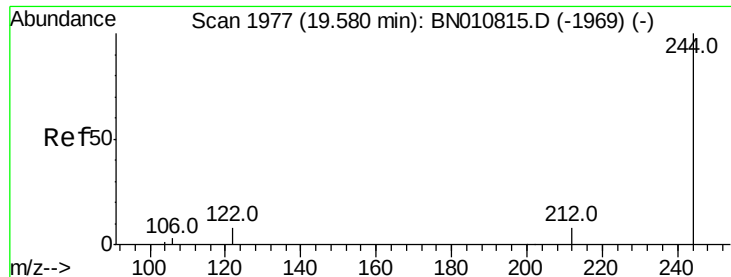
Ion Ratio Lower Upper

202 100

200 20.9 16.4 24.6

203 20.1 14.2 21.4





#29

Terphenyl-d14

Concen: 0.434 ng

RT: 19.58 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

Instrument :

BNA_N

ClientSampleId :

VE-4-11MSD

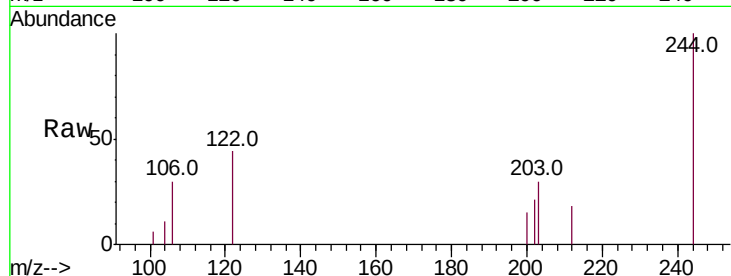
Tot Ion:244 Resp: 20225

Ion Ratio Lower Upper

244 100

212 18.4 7.4 11.2#

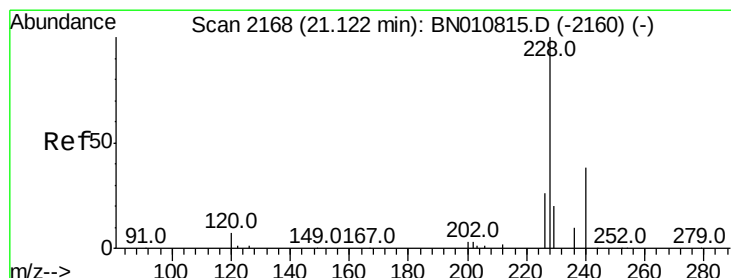
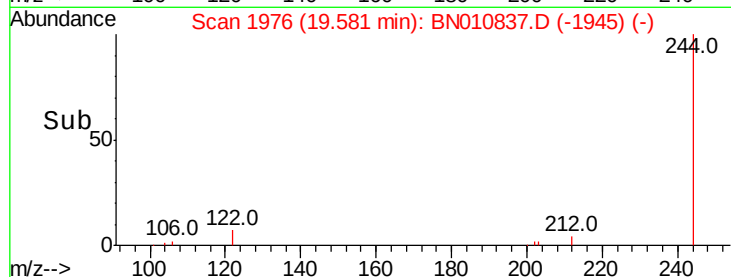
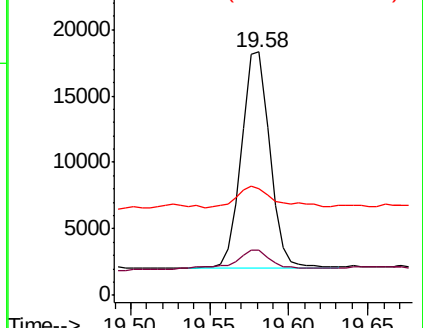
122 44.0 7.5 11.3#



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: 0.502 ng

RT: 21.12 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

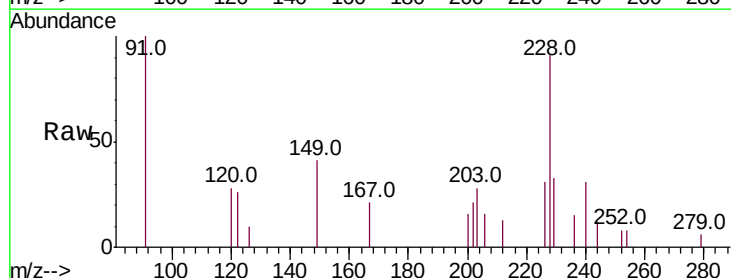
Tgt Ion:228 Resp: 29419

Ion Ratio Lower Upper

228 100

226 34.4 21.3 31.9#

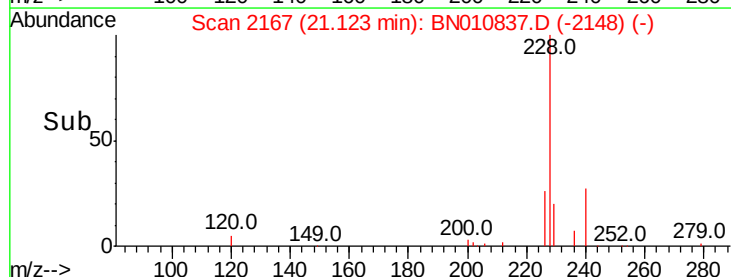
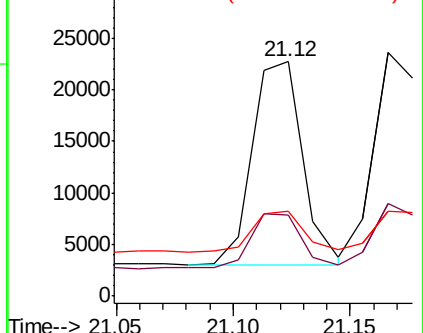
229 36.1 16.6 24.8#

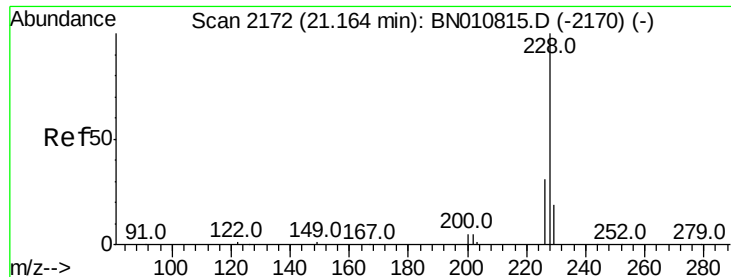


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.431 ng

RT: 21.17 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

Instrument :

BNA_N

ClientSampleId :

VE-4-11MSD

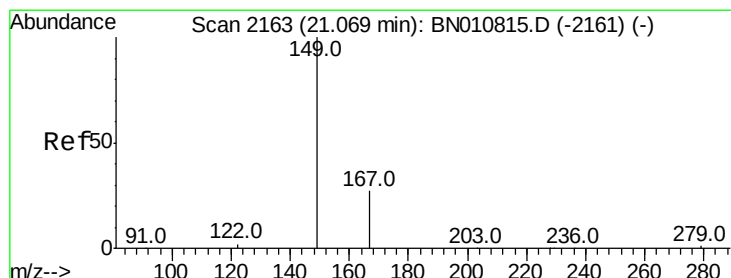
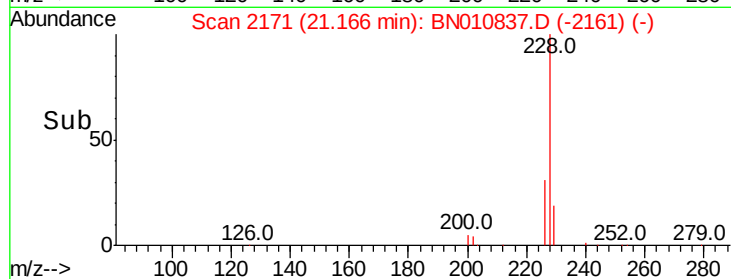
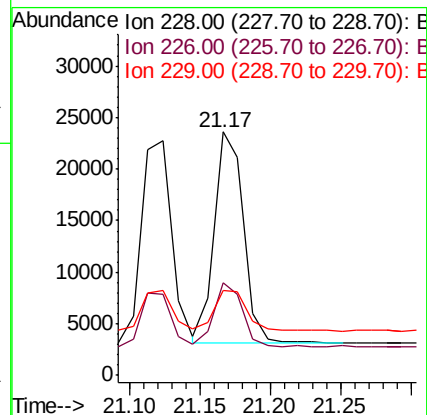
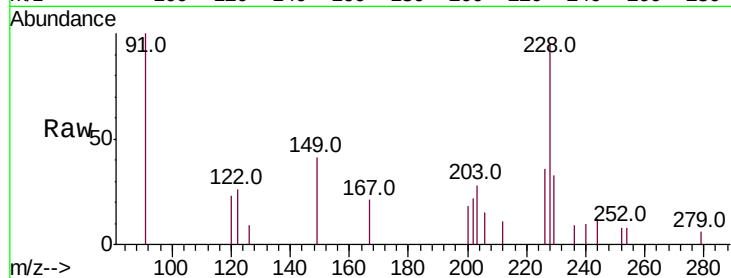
Tot Ion:228 Resp: 29411

Ion Ratio Lower Upper

228 100

226 38.0 25.0 37.6#

229 34.9 16.1 24.1#



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.875 ng

RT: 21.08 min Scan# 2163

Delta R.T. 0.01 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

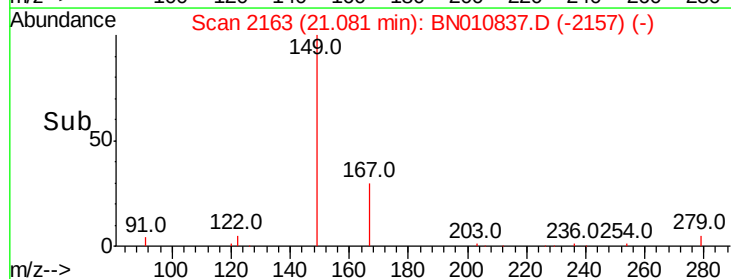
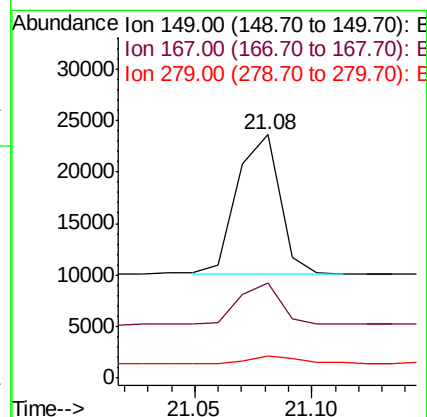
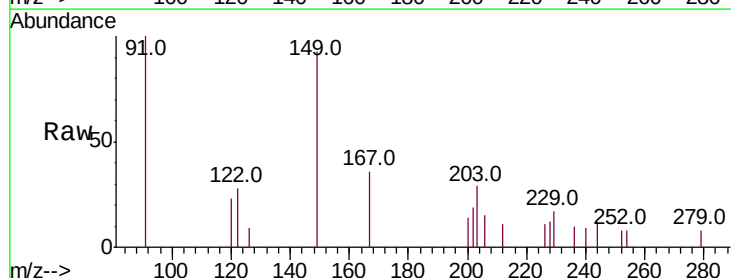
Tgt Ion:149 Resp: 17095

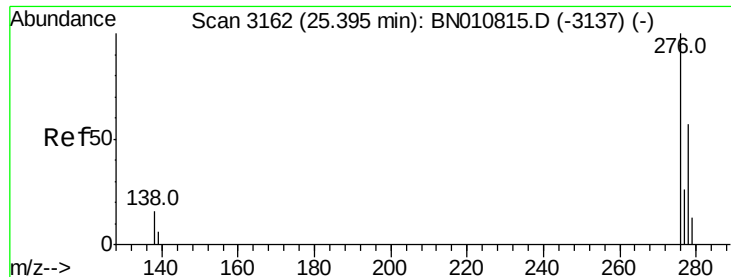
Ion Ratio Lower Upper

149 100

167 28.9 24.1 36.1

279 5.0 4.6 7.0





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.399 ng

RT: 25.40 min Scan# 3163

Delta R.T. 0.01 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

Instrument :

BNA_N

ClientSampleId :

VE-4-11MSD

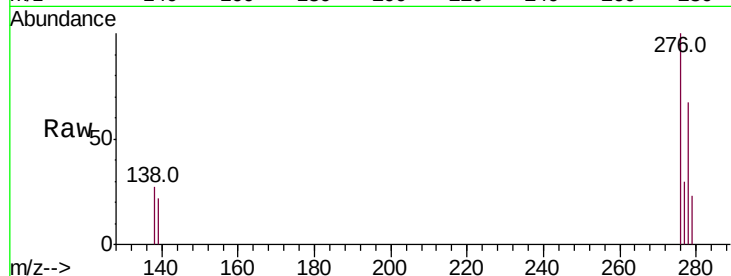
Tot Ion:276 Resp: 30473

Ion Ratio Lower Upper

276 100

138 19.7 13.0 19.6#

277 24.7 19.7 29.5

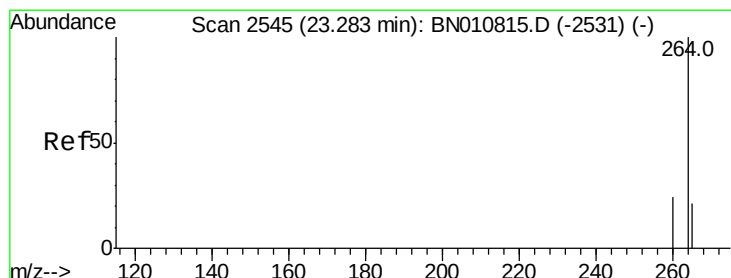
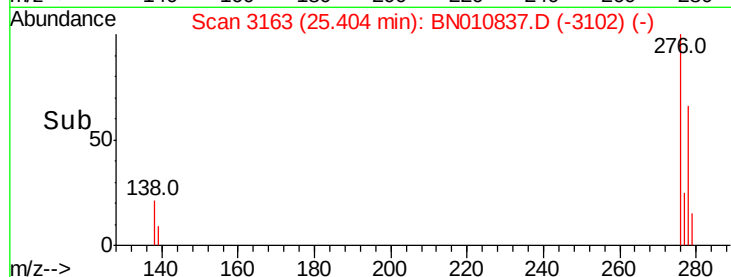
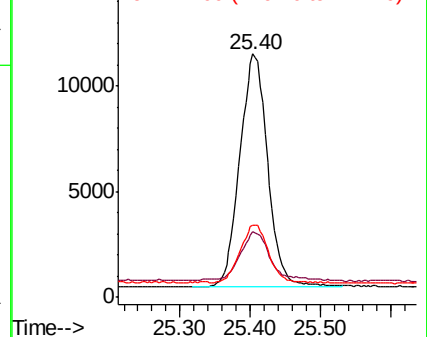


Abundance

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: 23.29 min Scan# 2545

Delta R.T. 0.01 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

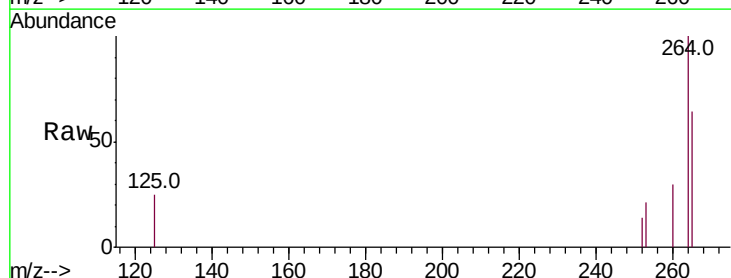
Tgt Ion:264 Resp: 21935

Ion Ratio Lower Upper

264 100

260 30.5 20.4 30.6

265 64.3 75.0 112.4#

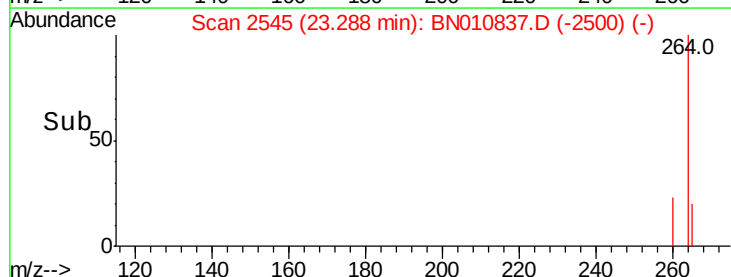
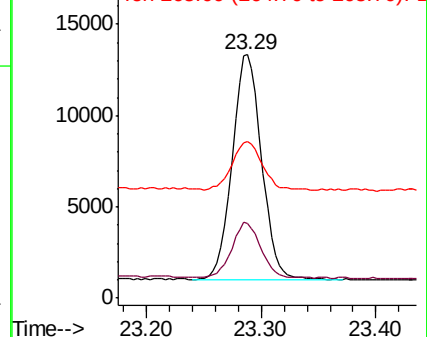


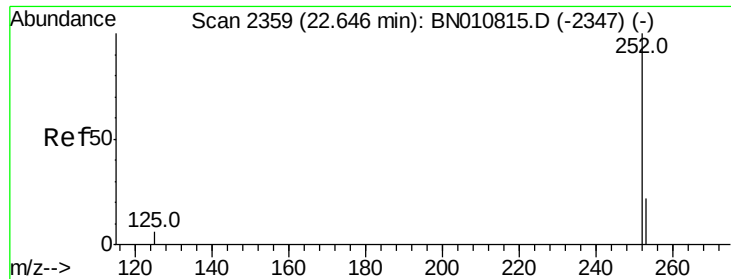
Abundance

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: 0.386 ng

RT: 22.65 min Scan# 2358

Delta R.T. 0.00 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

Instrument :

BNA_N

ClientSampleId :

VE-4-11MSD

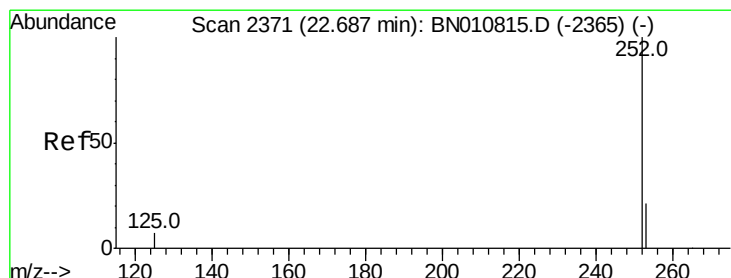
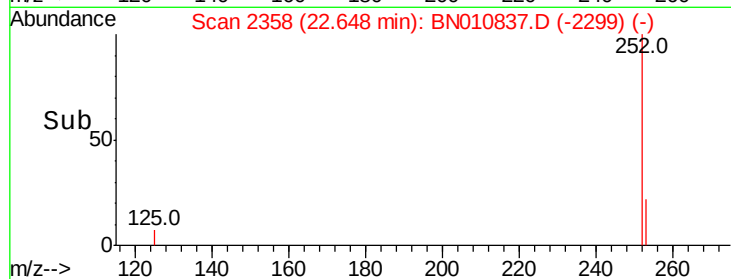
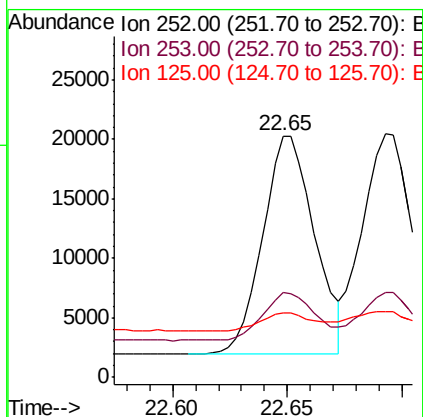
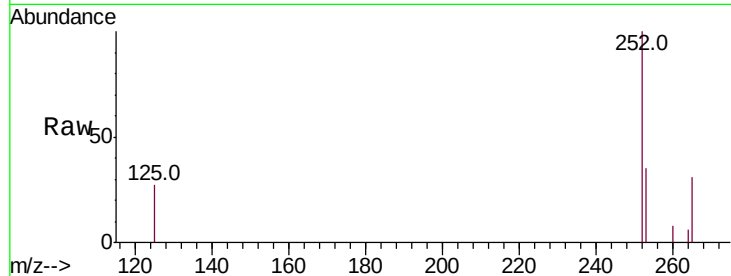
Tot Ion:252 Resp: 28767

Ion Ratio Lower Upper

252 100

253 35.1 22.4 33.6#

125 26.8 9.4 14.0#



#36

Benzo(k)fluoranthene

Concen: 0.359 ng

RT: 22.69 min Scan# 2371

Delta R.T. 0.01 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

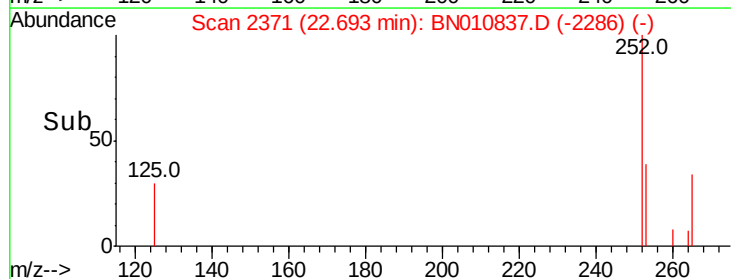
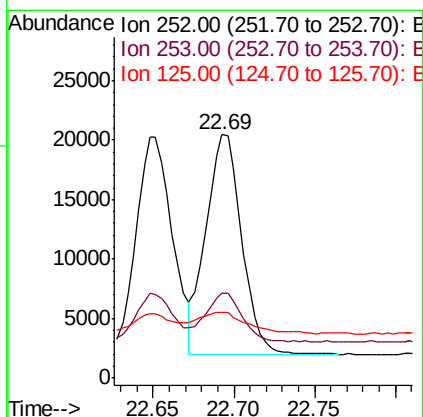
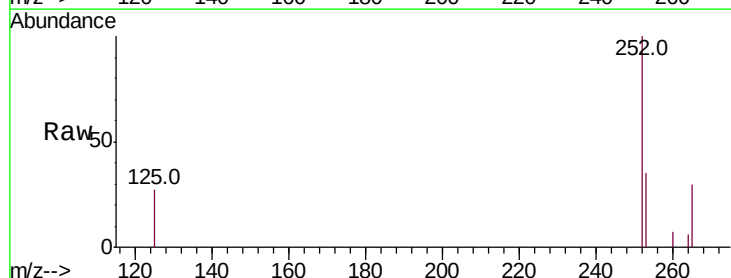
Tgt Ion:252 Resp: 28559

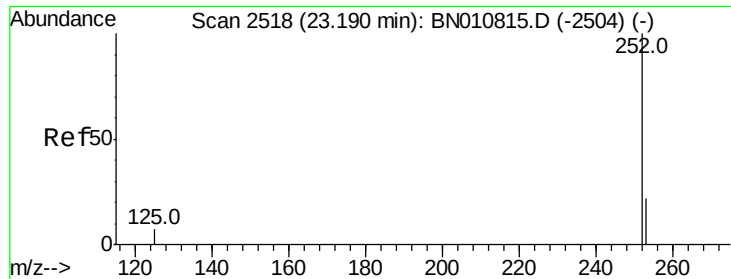
Ion Ratio Lower Upper

252 100

253 35.1 22.2 33.4#

125 26.8 9.8 14.8#





#37

Benzo(a)pyrene

Concen: 0.400 ng

RT: 23.19 min Scan# 2517

Delta R.T. 0.00 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

Instrument :

BNA_N

ClientSampleId :

VE-4-11MSD

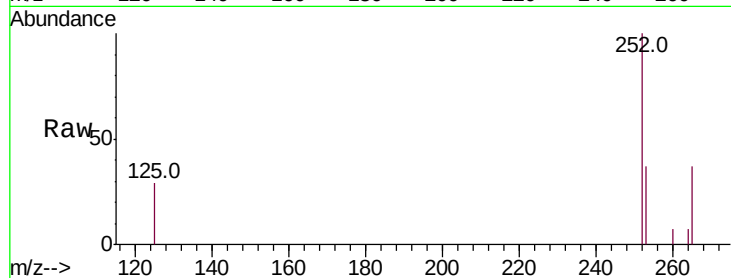
Tot Ion:252 Resp: 25559

Ion Ratio Lower Upper

252 100

253 37.0 25.8 38.8

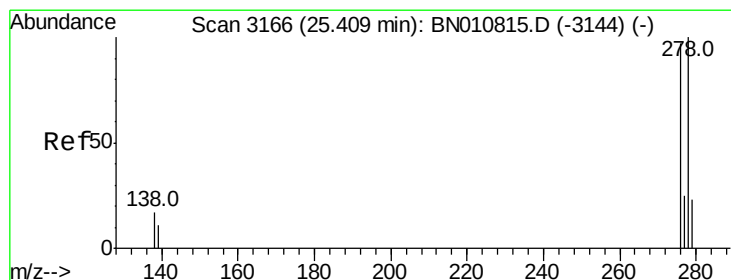
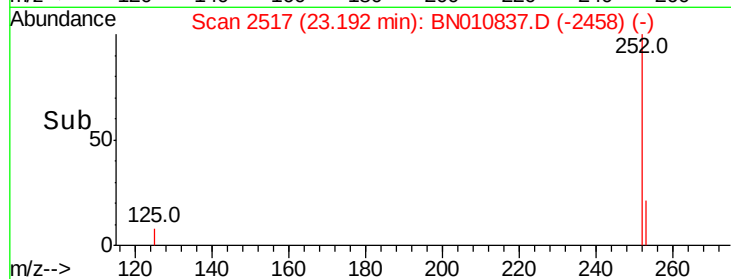
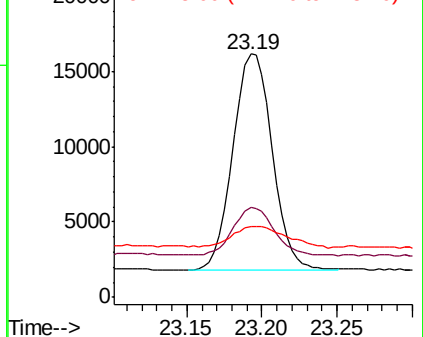
125 29.2 12.4 18.6#



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: 0.343 ng

RT: 25.42 min Scan# 3167

Delta R.T. 0.01 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

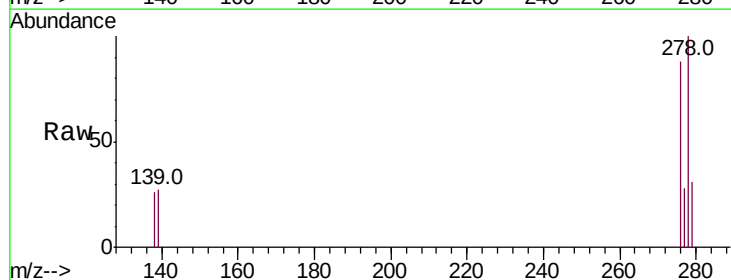
Tgt Ion:278 Resp: 25013

Ion Ratio Lower Upper

278 100

139 26.6 10.6 15.8#

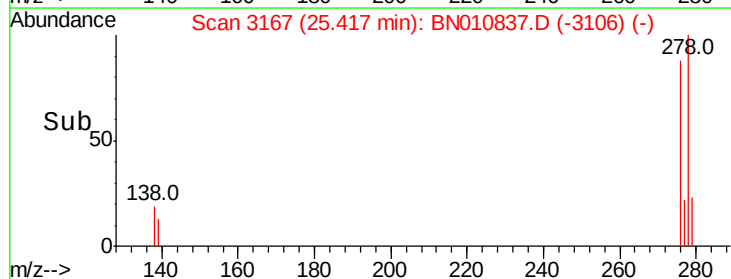
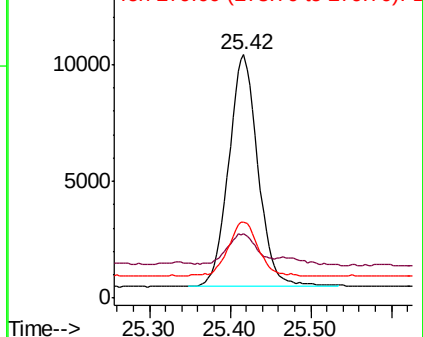
279 31.3 23.6 35.4

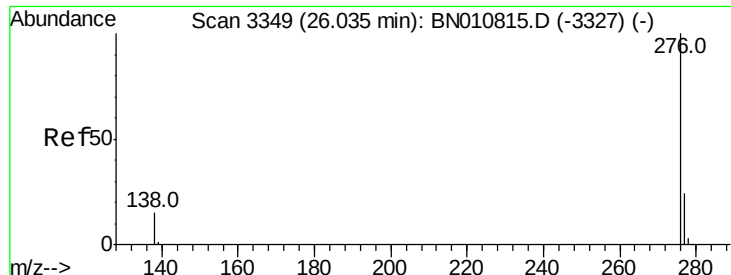


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.341 ng

RT: 26.04 min Scan# 3350

Delta R.T. 0.01 min

Lab File: BN010837.D

Acq: 11 Jun 2020 13:20

Instrument :

BNA_N

ClientSampleId :

VE-4-11MSD

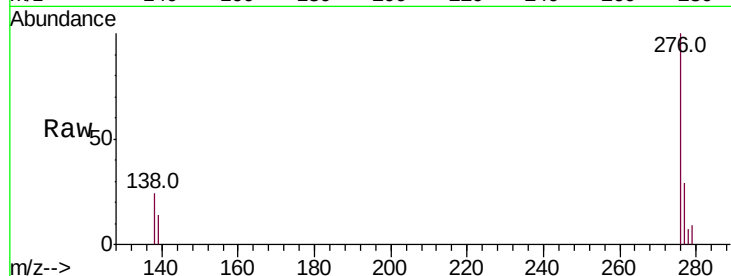
Tot Ion:276 Resp: 25998

Ion Ratio Lower Upper

276 100

277 28.8 20.5 30.7

138 24.3 13.7 20.5#



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

