

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061120\
 Data File : BN010836.D
 Acq On : 11 Jun 2020 12:44
 Operator : CG/JU
 Sample : L2904-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 VE-4-11MS

Quant Time: Jun 11 13:30:11 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	3622	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	13635	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	8810	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	16419	0.40	ng	-0.01
27) Chrysene-d12	21.13	240	14452	0.40	ng	0.00
34) Perylene-d12	23.29	264	16055	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	1435	0.21	ng	0.00
5) Phenol-d6	6.75	99	1063	0.13	ng	0.00
8) Nitrobenzene-d5	8.68	82	4139	0.41	ng	-0.01
11) 2-Methylnaphthalene-d10	11.90	152	7953	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	1555	0.49	ng	-0.01
15) 2-Fluorobiphenyl	12.80	172	12218	0.35	ng	0.00
25) Fluoranthene-d10	18.96	212	17801	0.39	ng	0.00
29) Terphenyl-d14	19.58	244	15454	0.46	ng	0.00

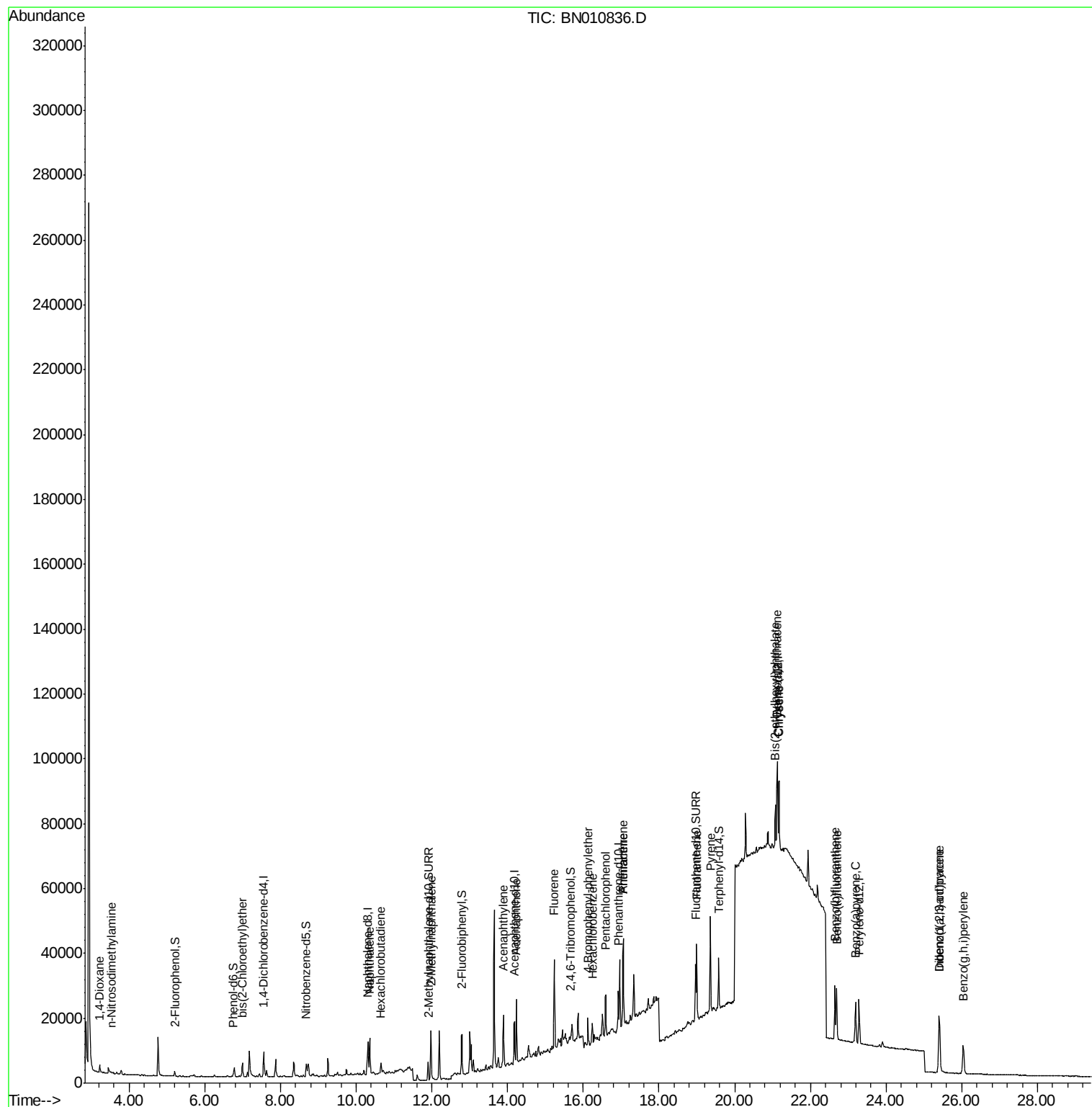
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	1757	0.495	ng	# 90
3) n-Nitrosodimethylamine	3.53	42	403	0.195	ng	# 68
6) bis(2-Chloroethyl)ether	6.99	93	3553	0.442	ng	96
9) Naphthalene	10.35	128	14366	0.419	ng	99
10) Hexachlorobutadiene	10.65	225	2961	0.350	ng	# 99
12) 2-Methylnaphthalene	11.97	142	10441	0.455	ng	96
16) Acenaphthylene	13.89	152	16515	0.458	ng	# 80
17) Acenaphthene	14.24	154	9597	0.390	ng	98
18) Fluorene	15.23	166	12778	0.403	ng	97
20) 4-Bromophenyl-phenylether	16.12	248	3869	0.392	ng	# 69
21) Hexachlorobenzene	16.24	284	3924	0.381	ng	95
22) Pentachlorophenol	16.59	266	6072	1.757	ng	93
23) Phenanthrene	17.06	178	28954	0.646	ng	99
24) Anthracene	17.06	178	28658	0.765	ng	98
26) Fluoranthene	18.99	202	21915	0.430	ng	# 97
28) Pyrene	19.36	202	27146	0.568	ng	96
30) Benzo(a)anthracene	21.12	228	20388	0.480	ng	# 77
31) Chrysene	21.17	228	20107	0.406	ng	# 78
32) Bis(2-ethylhexyl)phthalate	21.08	149	10373	0.732	ng	99
33) Indeno(1,2,3-cd)pyrene	25.40	276	20066	0.363	ng	# 95
35) Benzo(b)fluoranthene	22.65	252	19270	0.353	ng	# 81
36) Benzo(k)fluoranthene	22.69	252	18869	0.324	ng	# 78
37) Benzo(a)pyrene	23.19	252	16633	0.355	ng	# 85
38) Dibenzo(a,h)anthracene	25.42	278	16418	0.307	ng	# 84
39) Benzo(g,h,i)perylene	26.04	276	17013	0.305	ng	# 89

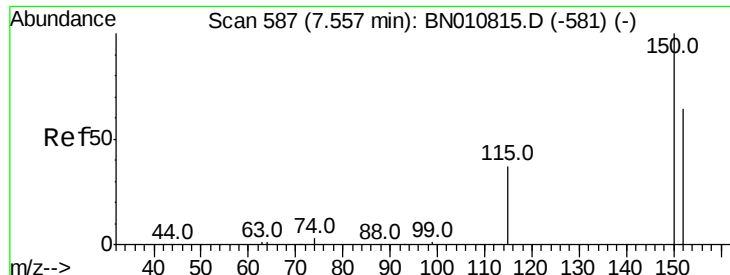
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061120\
Data File : BN010836.D
Acq On : 11 Jun 2020 12:44
Operator : CG/JU
Sample : L2904-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
VE-4-11MS

Quant Time: Jun 11 13:30:11 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



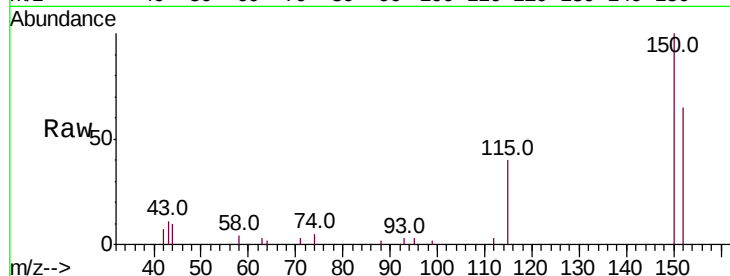


#1

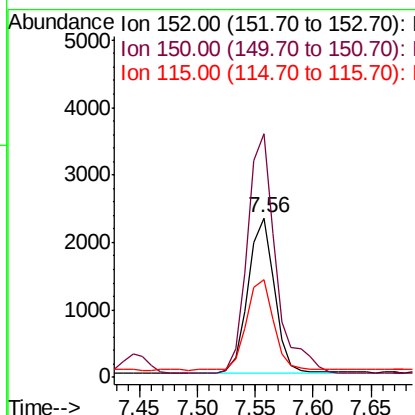
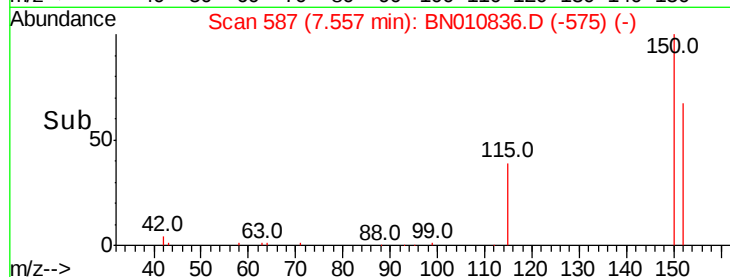
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. 0.00 min
Lab File: BN010836.D
Acq: 11 Jun 2020 12:44

Instrument :
BNA_N
ClientSampleId :
VE-4-11MS

Tot Ion:152 Resp: 3622
Ion Ratio Lower Upper
152 100
150 152.8 123.8 185.6
115 61.4 49.2 73.8



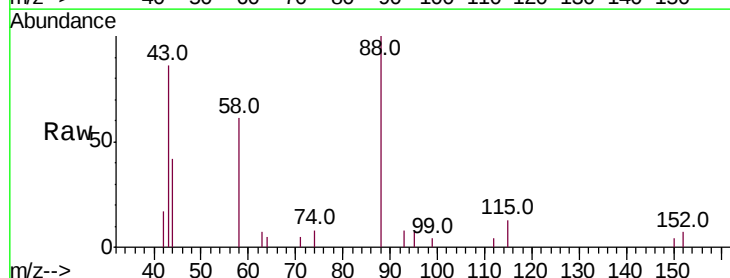
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



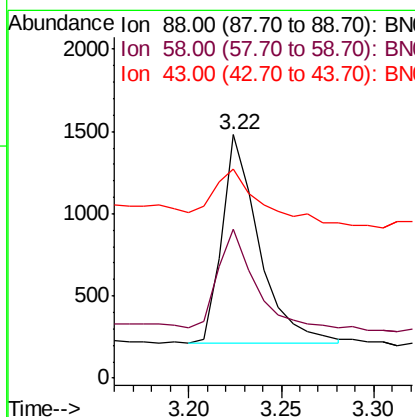
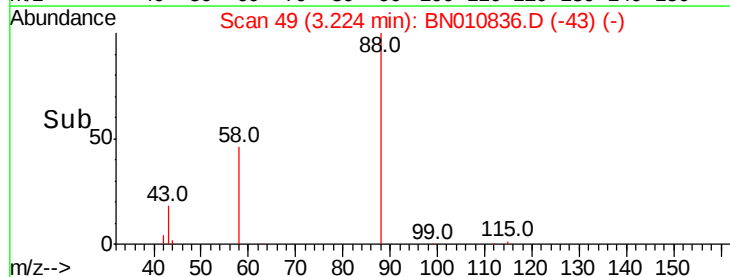
#2

1,4-Dioxane
Concen: 0.495 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN010836.D
Acq: 11 Jun 2020 12:44

Tgt Ion: 88 Resp: 1757
Ion Ratio Lower Upper
88 100
58 47.3 38.2 57.4
43 34.7 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: 0.195 ng

RT: 3.53 min Scan# 87

Delta R.T. -0.03 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

Instrument :

BNA_N

ClientSampleId :

VE-4-11MS

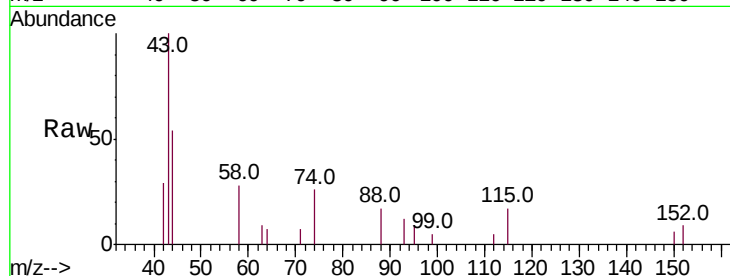
Tot Ion: 42 Resp: 403

Ion Ratio Lower Upper

42 100

74 131.0 140.7 211.1#

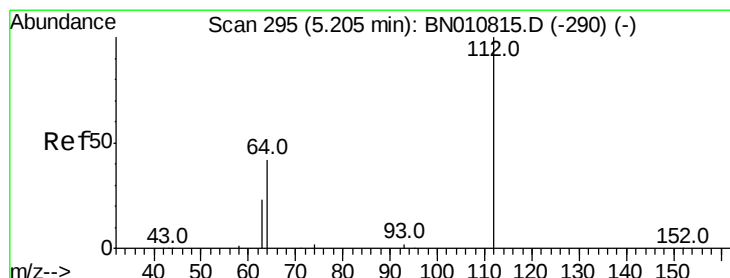
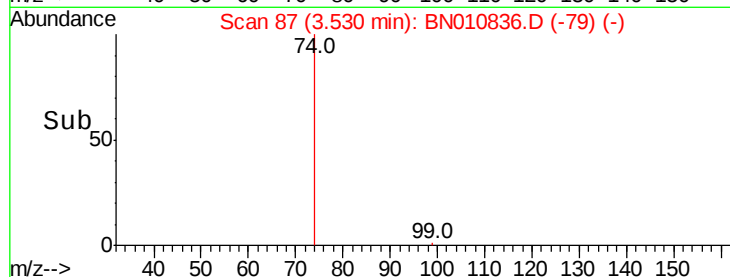
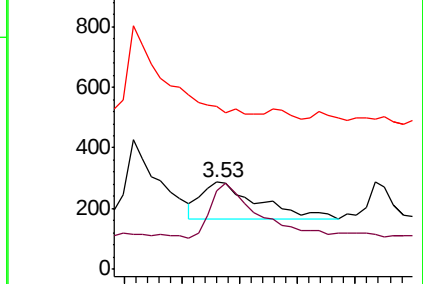
44 0.0 1.4 2.2#



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: 0.205 ng

RT: 5.21 min Scan# 295

Delta R.T. 0.00 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

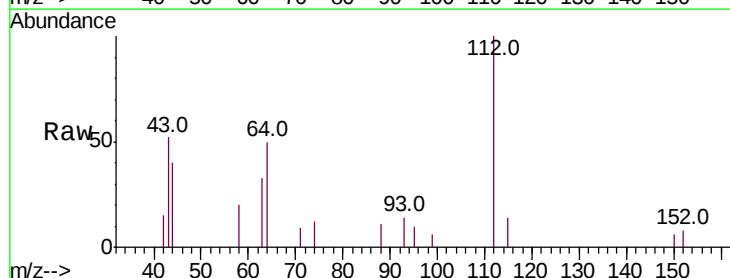
Tgt Ion: 112 Resp: 1435

Ion Ratio Lower Upper

112 100

64 43.8 37.4 56.0

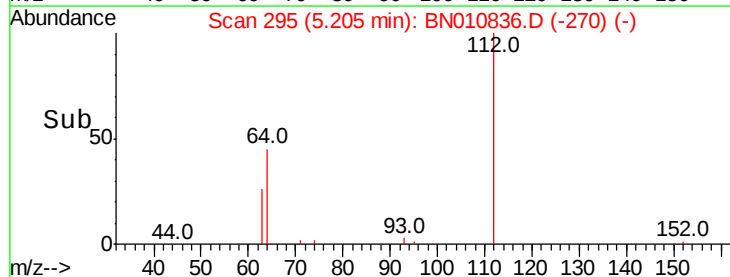
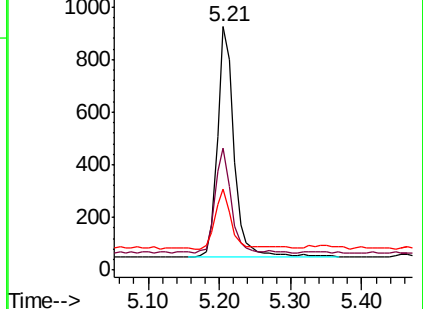
63 24.0 22.2 33.4

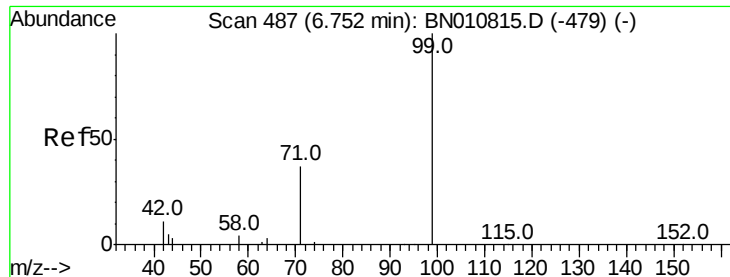


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.129 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

Instrument :

BNA_N

ClientSampleId :

VE-4-11MS

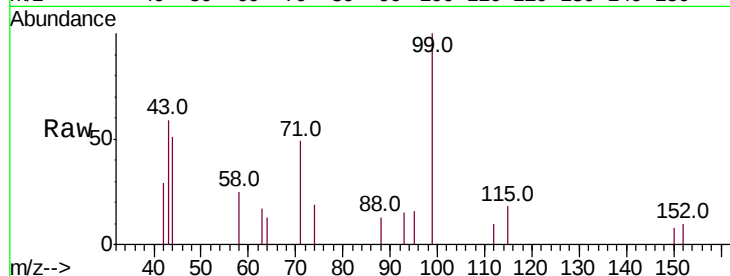
Tot Ion: 99 Resp: 1063

Ion Ratio Lower Upper

99 100

42 26.1 11.1 16.7#

71 50.8 31.4 47.2#



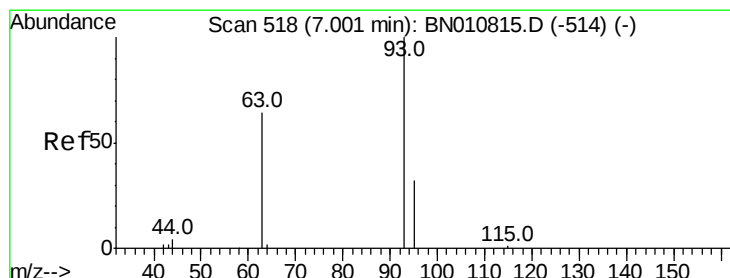
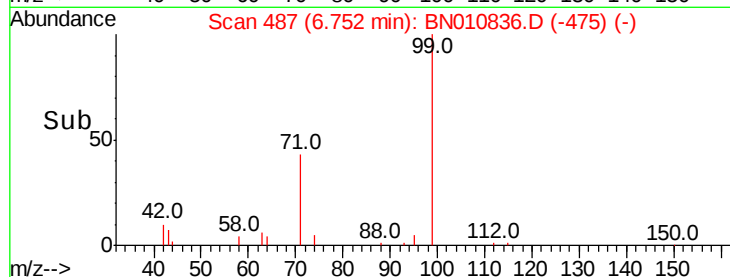
Abundance Ion 99.00 (98.70 to 99.70): BN010836.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN010836.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN010836.D (-475) (-)

6.75

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.442 ng

RT: 6.99 min Scan# 517

Delta R.T. -0.01 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

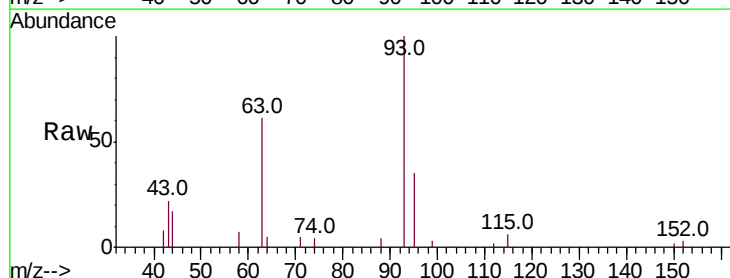
Tgt Ion: 93 Resp: 3553

Ion Ratio Lower Upper

93 100

63 56.9 49.4 74.2

95 33.6 26.7 40.1



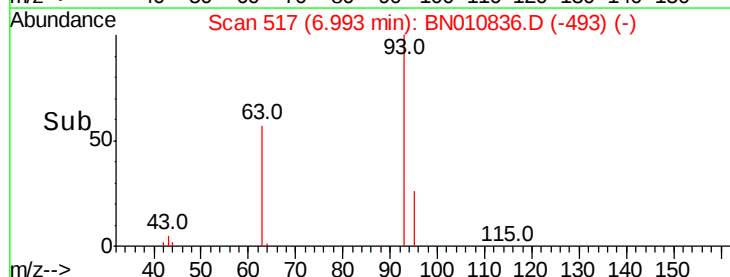
Abundance Ion 93.00 (92.70 to 93.70): BN010836.D (-493) (-)

Ion 63.00 (62.70 to 63.70): BN010836.D (-493) (-)

Ion 95.00 (94.70 to 95.70): BN010836.D (-493) (-)

6.99

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

Instrument :

BNA_N

ClientSampleId :

VE-4-11MS

Tot Ion:136 Resp: 13635

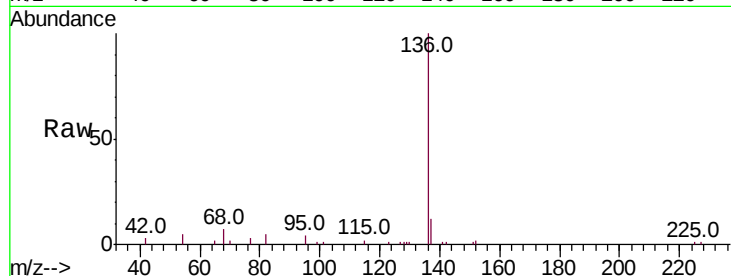
Ion Ratio Lower Upper

136 100

137 11.8 9.7 14.5

54 4.8 4.9 7.3#

68 6.6 4.7 7.1

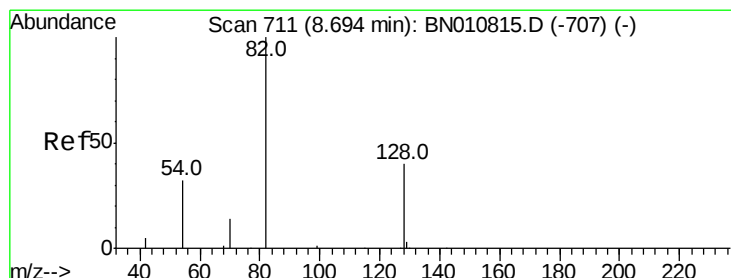
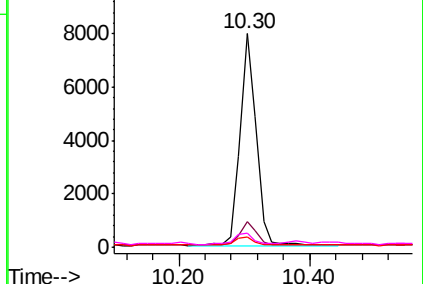
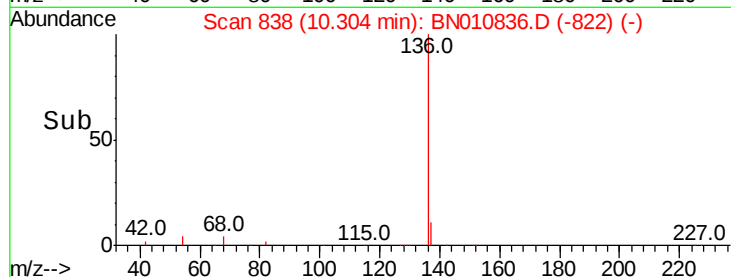


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.410 ng

RT: 8.68 min Scan# 710

Delta R.T. -0.01 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

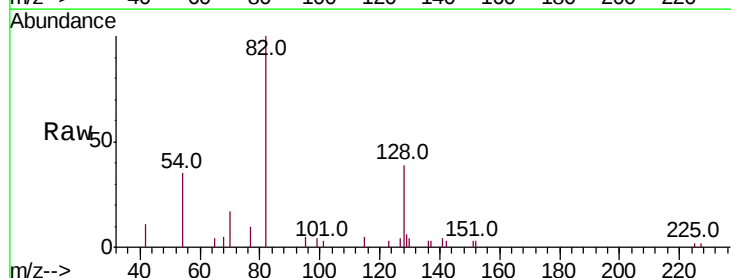
Tgt Ion: 82 Resp: 4139

Ion Ratio Lower Upper

82 100

128 39.0 35.4 53.0

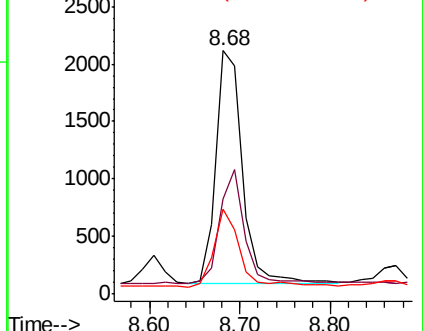
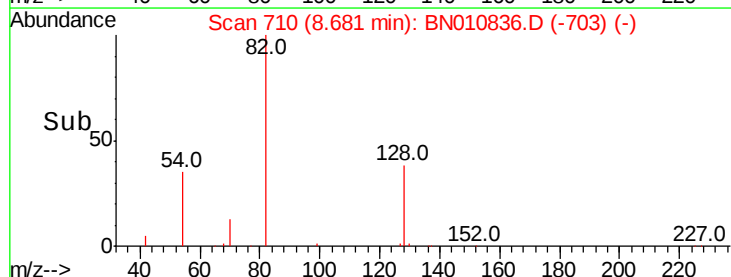
54 34.7 28.2 42.4



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: 0.419 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

Instrument :

BNA_N

ClientSampleId :

VE-4-11MS

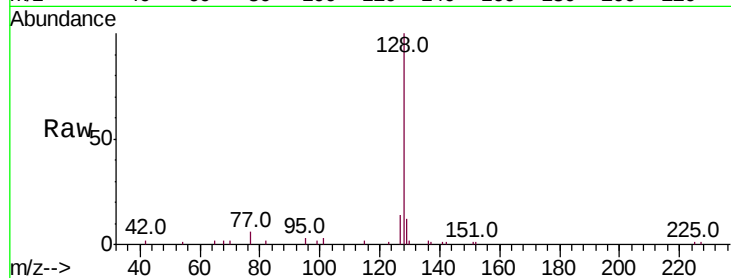
Tot Ion:128 Resp: 14366

Ion Ratio Lower Upper

128 100

129 12.0 9.6 14.4

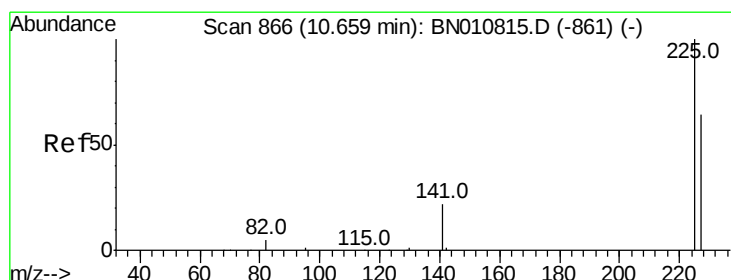
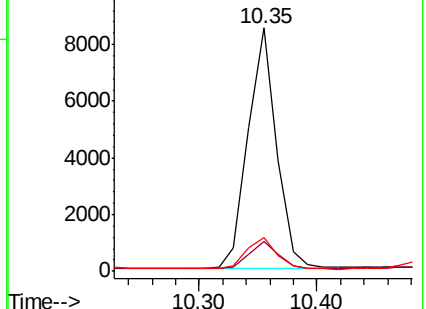
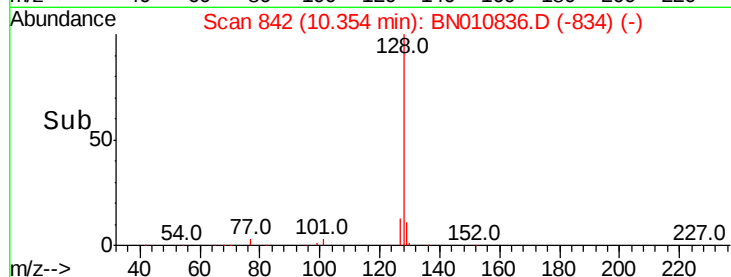
127 13.8 11.4 17.2



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: 0.350 ng

RT: 10.65 min Scan# 865

Delta R.T. -0.01 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

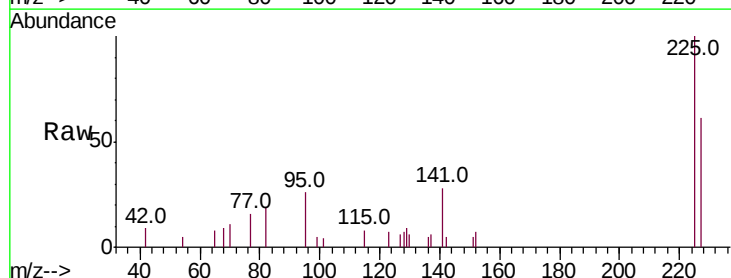
Tgt Ion:225 Resp: 2961

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

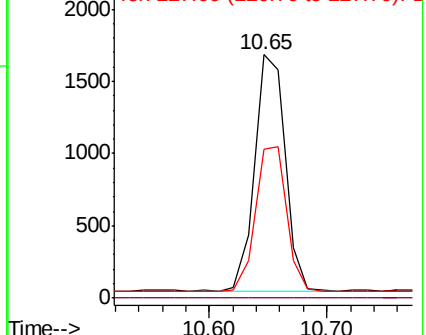
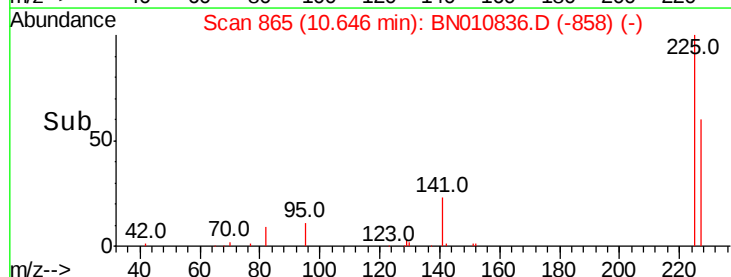
227 62.6 50.5 75.7

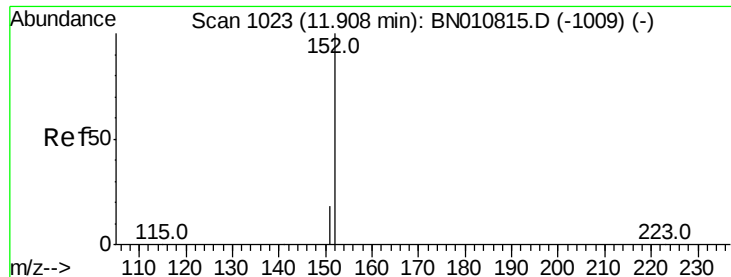


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

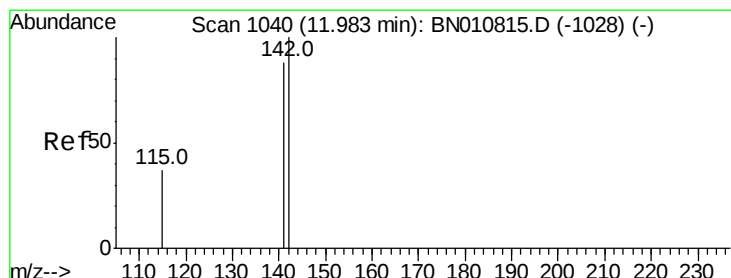
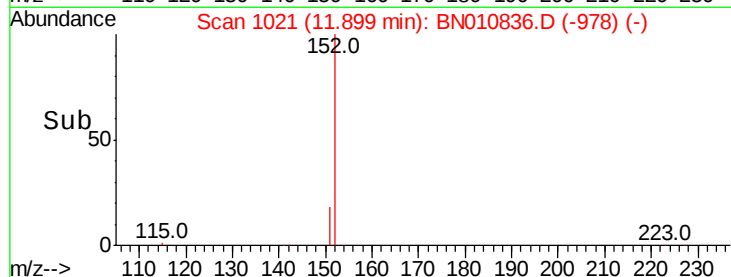
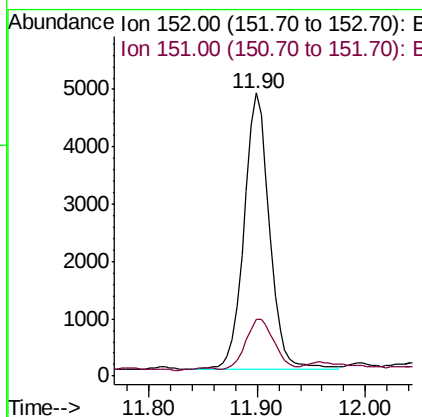
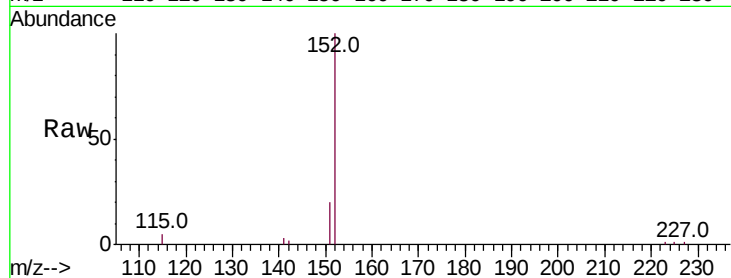




#11
 2-Methylnaphthalene-d10
 Concen: 0.376 ng
 RT: 11.90 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BN010836.D
 Acq: 11 Jun 2020 12:44

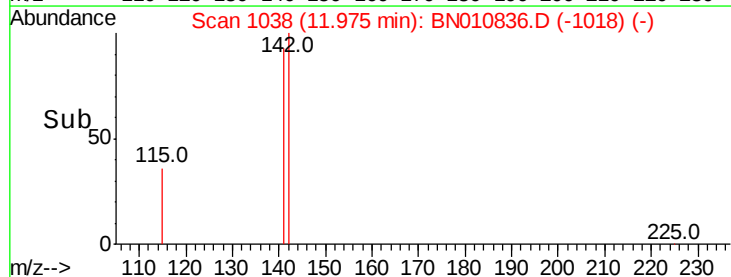
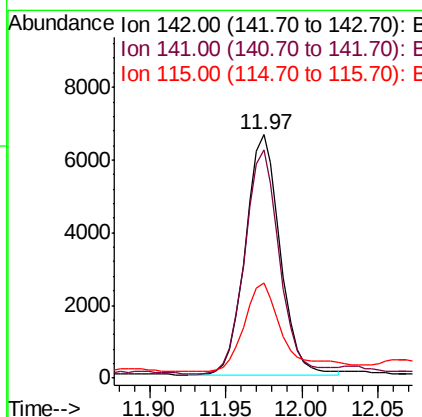
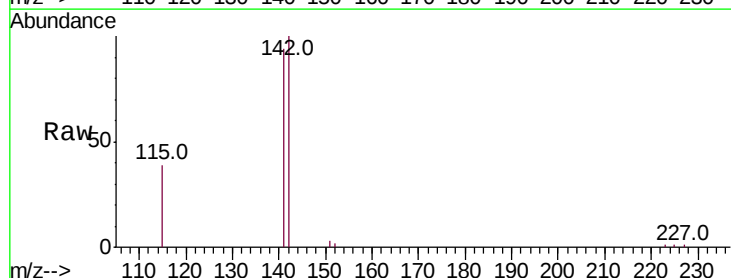
Instrument :
 BNA_N
 ClientSampleId :
 VE-4-11MS

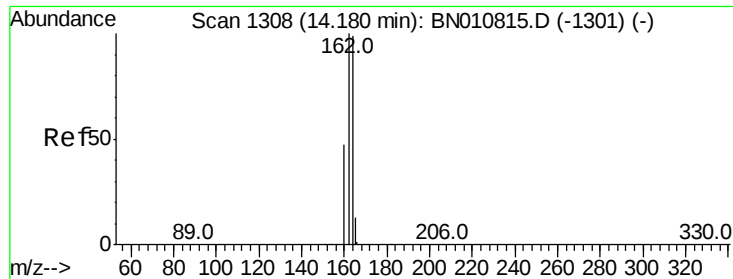
Tot Ion:152 Resp: 7953
 Ion Ratio Lower Upper
 152 100
 151 19.7 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.455 ng
 RT: 11.97 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BN010836.D
 Acq: 11 Jun 2020 12:44

Tgt Ion:142 Resp: 10441
 Ion Ratio Lower Upper
 142 100
 141 93.8 70.8 106.2
 115 38.9 31.5 47.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

Instrument :

BNA_N

ClientSampleId :

VE-4-11MS

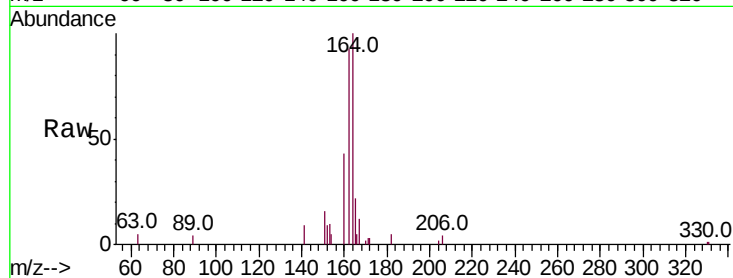
Tot Ion:164 Resp: 8810

Ion Ratio Lower Upper

164 100

162 93.2 81.0 121.6

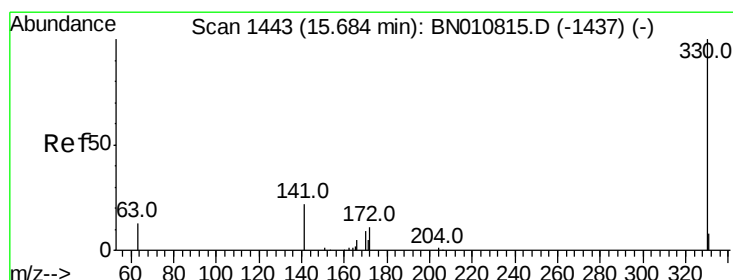
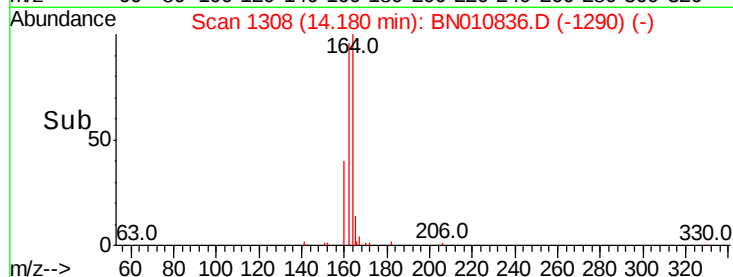
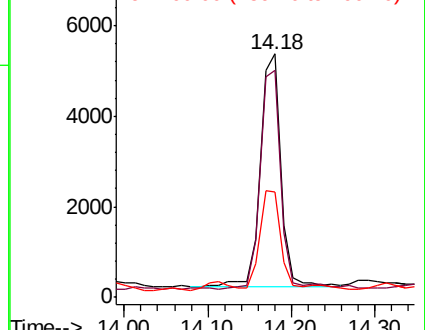
160 43.1 38.9 58.3



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: 0.493 ng

RT: 15.67 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

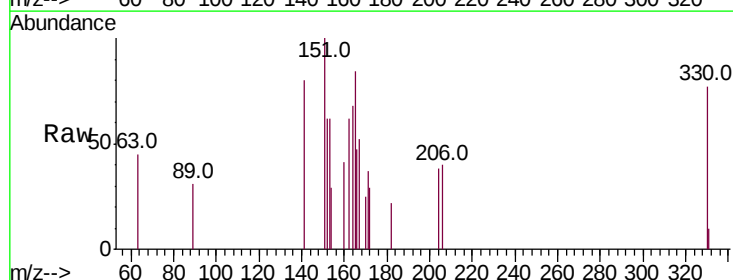
Tgt Ion:330 Resp: 1555

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

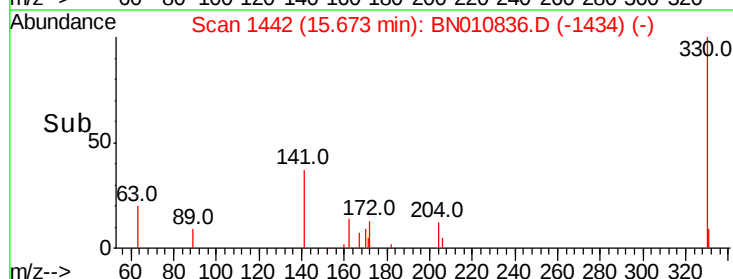
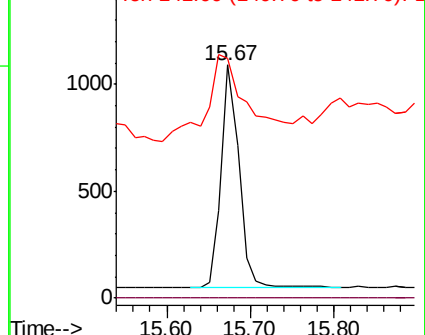
141 61.9 33.2 49.8#



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

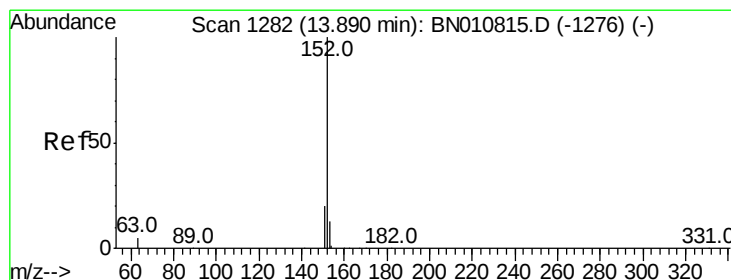
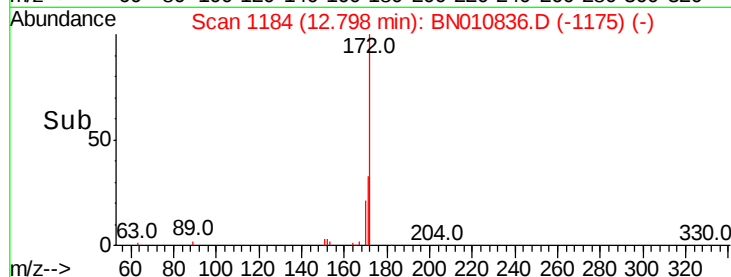
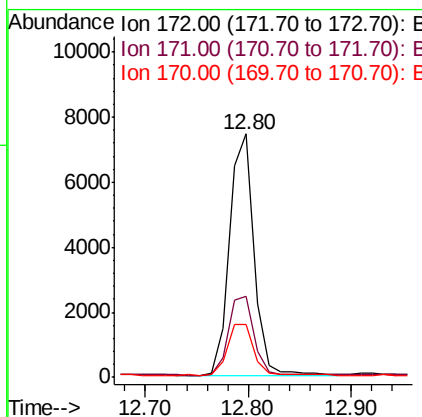
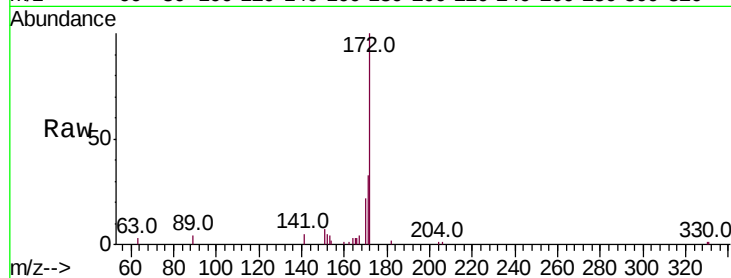




#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 12.80 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BN010836.D
Acq: 11 Jun 2020 12:44

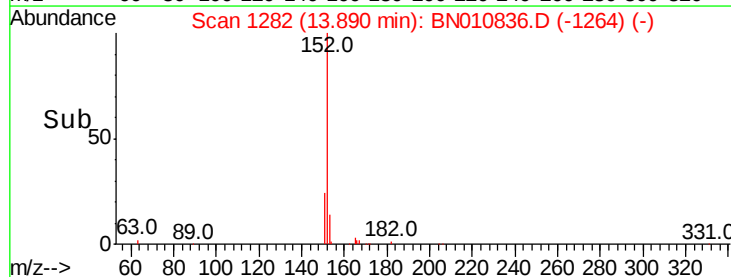
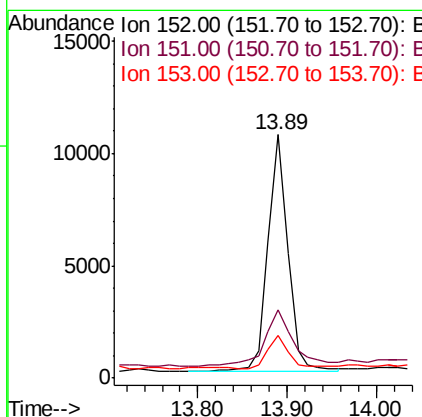
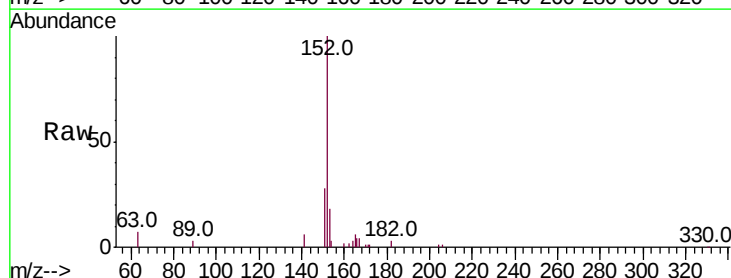
Instrument :
BNA_N
ClientSampleId :
VE-4-11MS

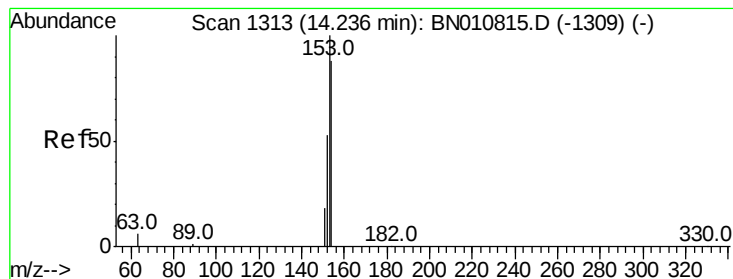
Tot Ion:172 Resp: 12218
Ion Ratio Lower Upper
172 100
171 33.3 28.5 42.7
170 21.9 19.7 29.5



#16
Acenaphthylene
Concen: 0.458 ng
RT: 13.89 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BN010836.D
Acq: 11 Jun 2020 12:44

Tgt Ion:152 Resp: 16515
Ion Ratio Lower Upper
152 100
151 33.2 15.6 23.4#
153 14.9 10.6 16.0





#17

Acenaphthene

Concen: 0.390 ng

RT: 14.24 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

Instrument :

BNA_N

ClientSampleId :

VE-4-11MS

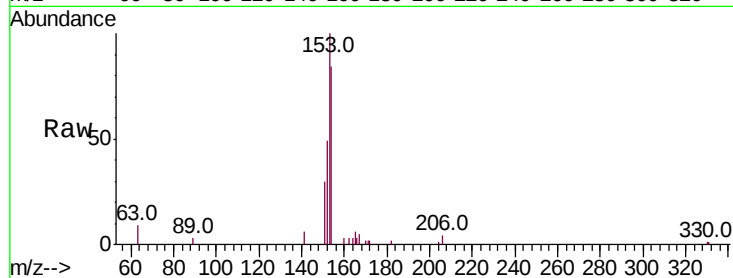
Tot Ion:154 Resp: 9597

Ion Ratio Lower Upper

154 100

153 114.4 91.8 137.6

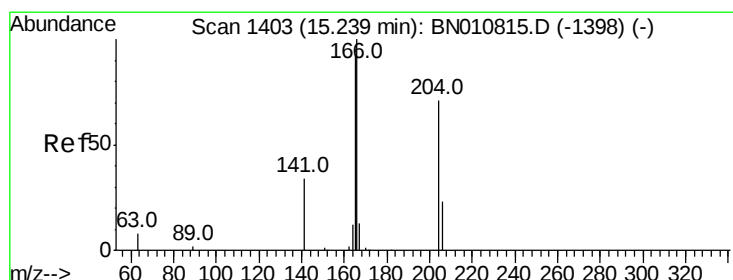
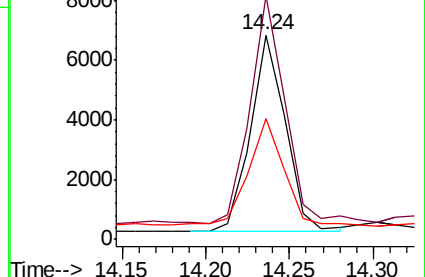
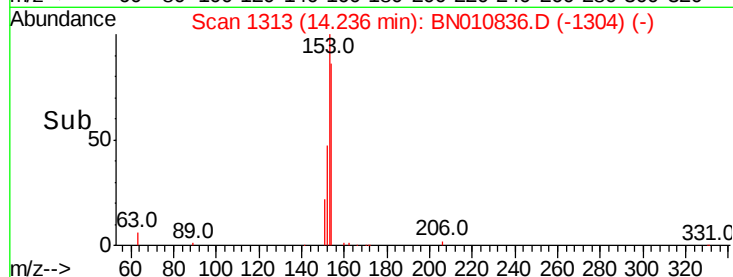
152 55.6 47.6 71.4



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: 0.403 ng

RT: 15.23 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

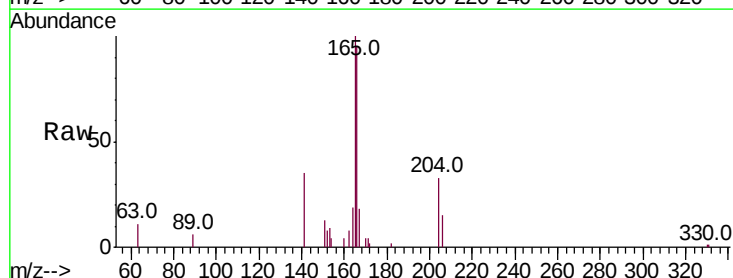
Tgt Ion:166 Resp: 12778

Ion Ratio Lower Upper

166 100

165 99.8 77.2 115.8

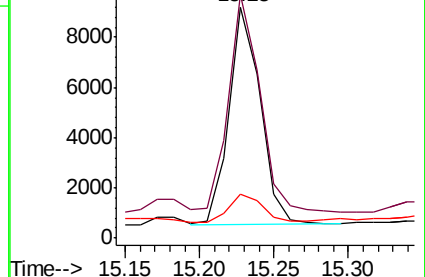
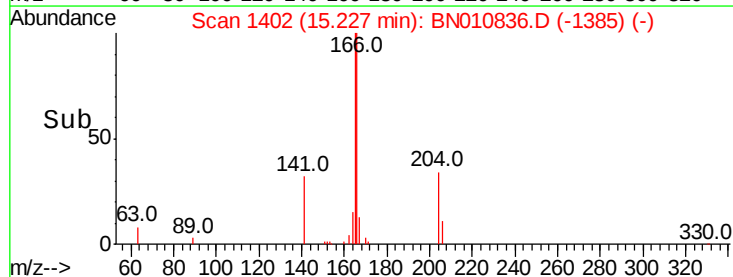
167 14.1 10.7 16.1

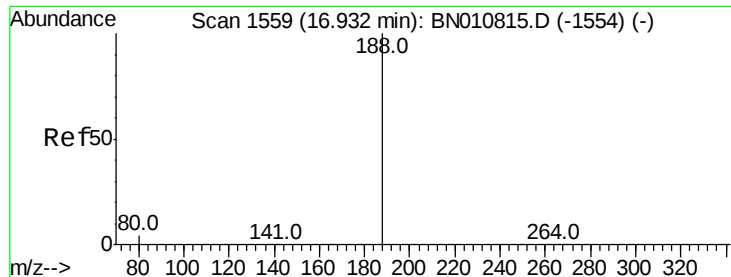


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.92 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

Instrument :

BNA_N

ClientSampleId :

VE-4-11MS

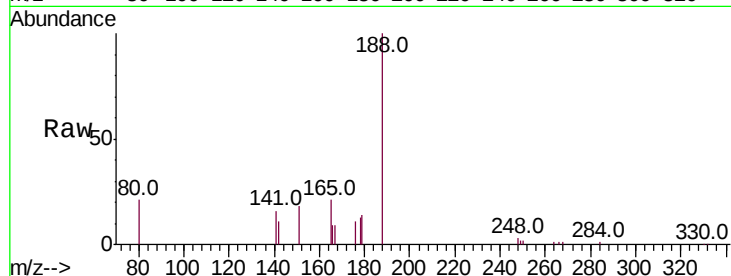
Tot Ion:188 Resp: 16419

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

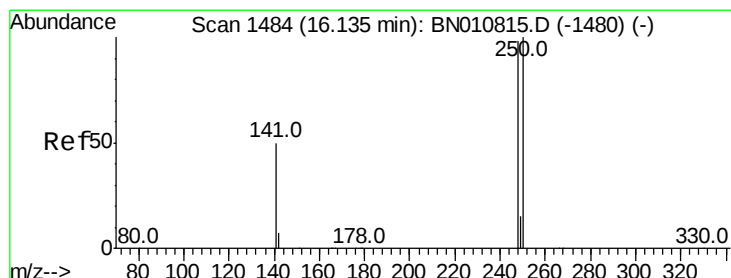
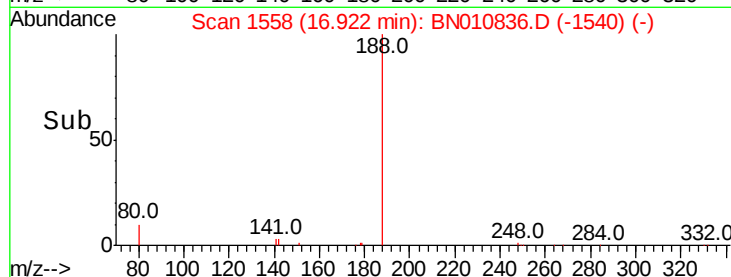
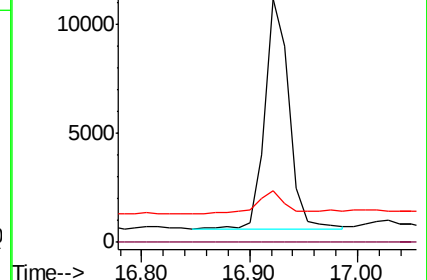
80 21.1 4.5 6.7#



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: 0.392 ng

RT: 16.12 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

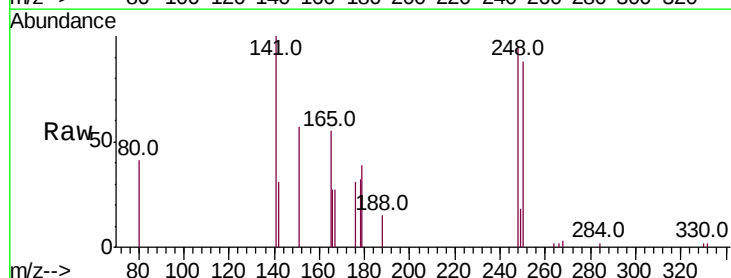
Tgt Ion:248 Resp: 3869

Ion Ratio Lower Upper

248 100

250 92.4 81.8 122.8

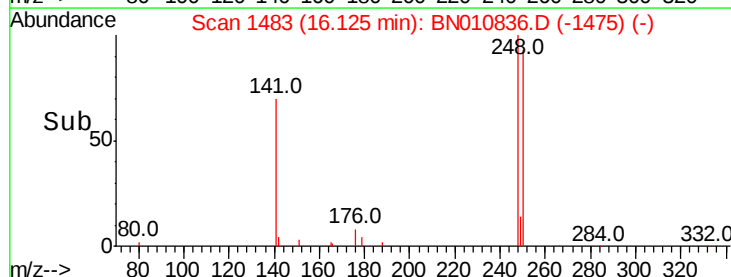
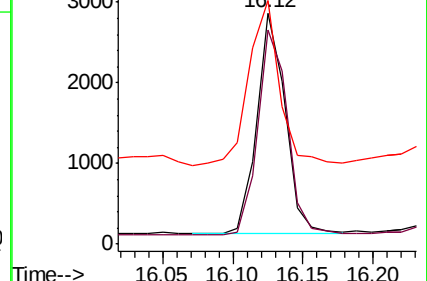
141 105.3 42.6 64.0#

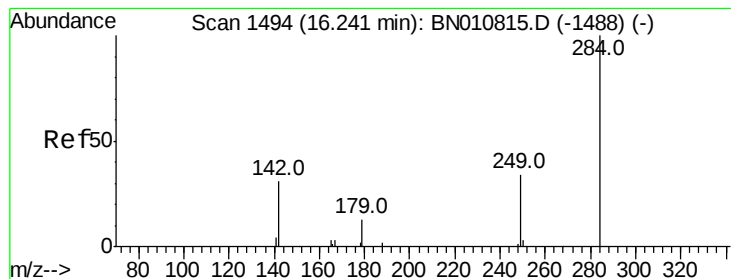


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.381 ng

RT: 16.24 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

Instrument :

BNA_N

ClientSampleId :

VE-4-11MS

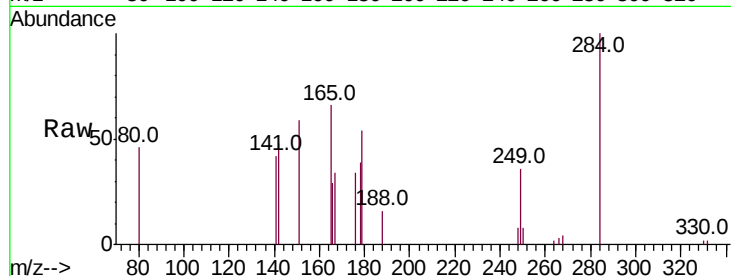
Tot Ion:284 Resp: 3924

Ion Ratio Lower Upper

284 100

142 43.9 31.0 46.4

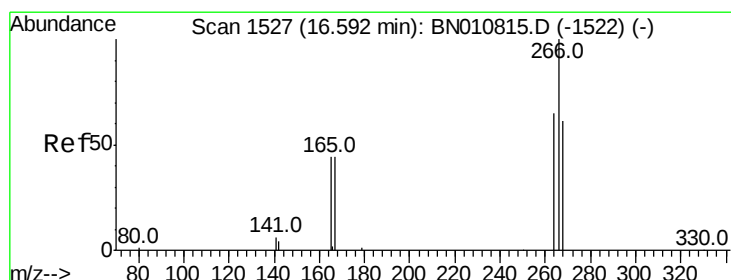
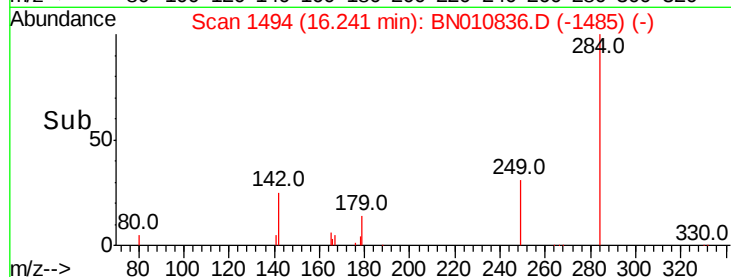
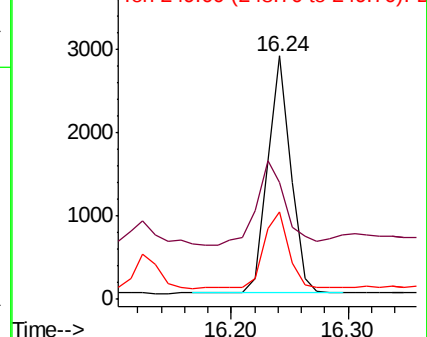
249 34.7 27.1 40.7



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: 1.757 ng

RT: 16.59 min Scan# 1527

Delta R.T. 0.00 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

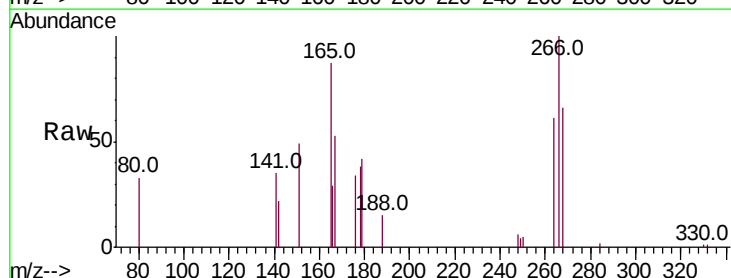
Tgt Ion:266 Resp: 6072

Ion Ratio Lower Upper

266 100

264 61.4 54.8 82.2

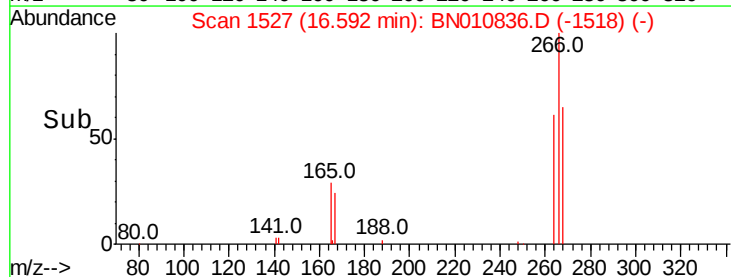
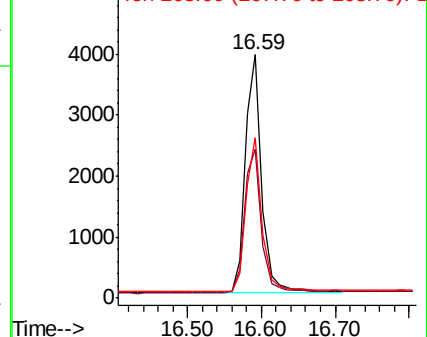
268 66.1 55.9 83.9



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: 0.646 ng

RT: 17.06 min Scan# 1571

Delta R.T. 0.10 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

Instrument :

BNA_N

ClientSampleId :

VE-4-11MS

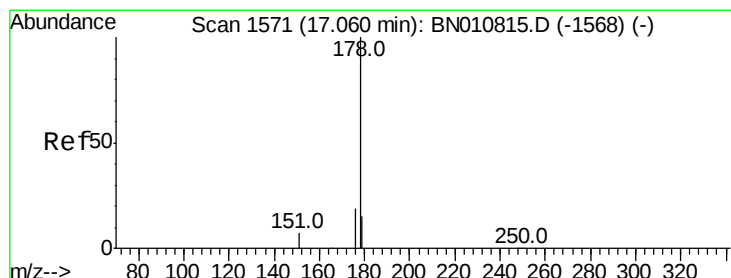
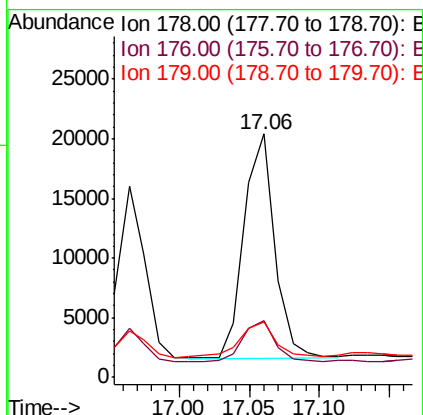
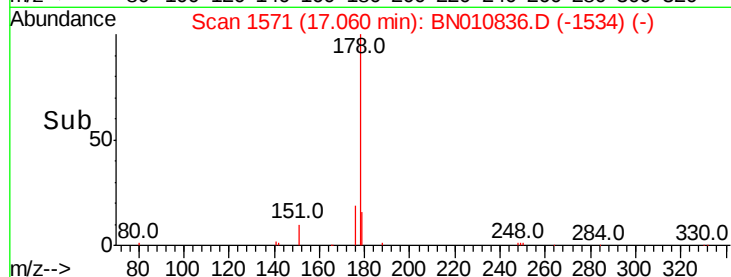
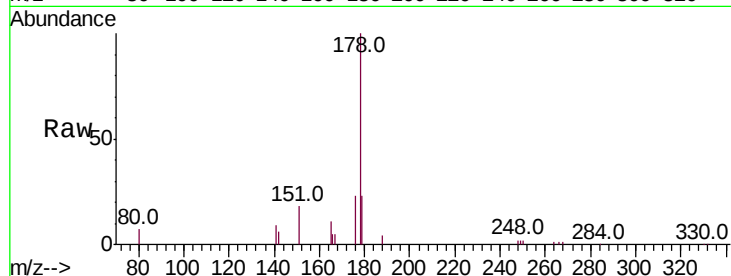
Tot Ion:178 Resp: 28954

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 17.0 12.6 19.0



#24

Anthracene

Concen: 0.765 ng

RT: 17.06 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

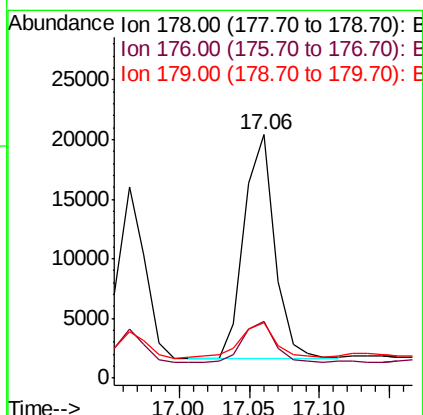
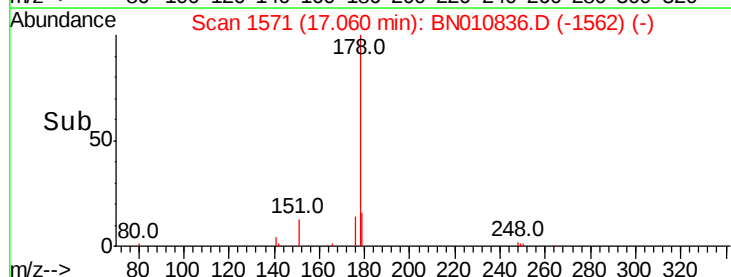
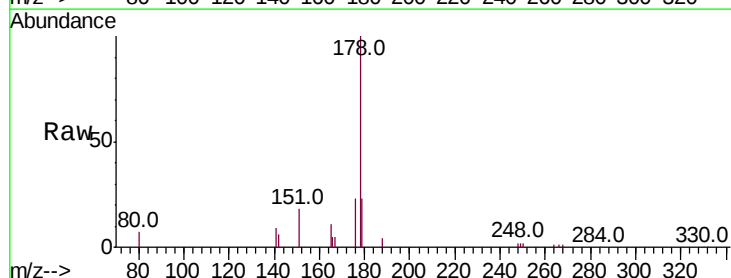
Tgt Ion:178 Resp: 28658

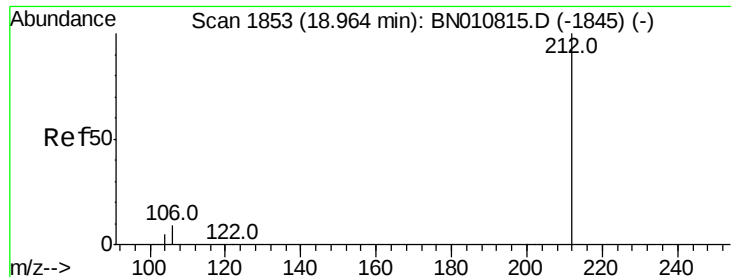
Ion Ratio Lower Upper

178 100

176 19.1 14.6 22.0

179 16.4 12.3 18.5

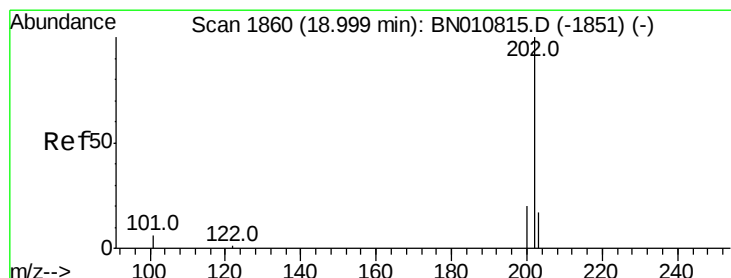
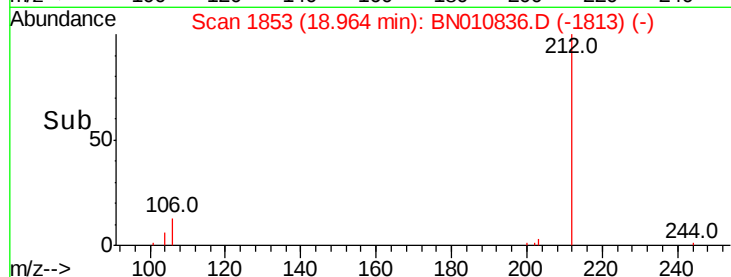
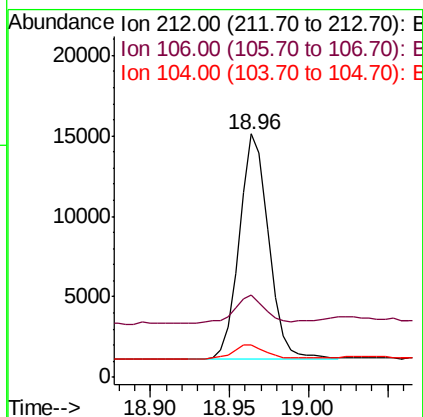
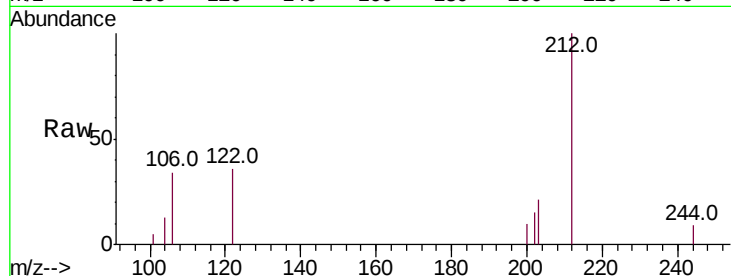




#25
Fluoranthene-d10
Concen: 0.393 ng
RT: 18.96 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BN010836.D
Acq: 11 Jun 2020 12:44

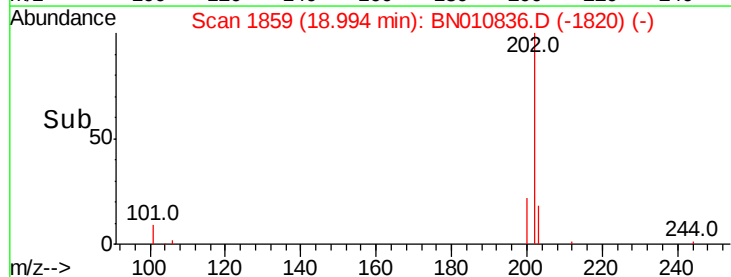
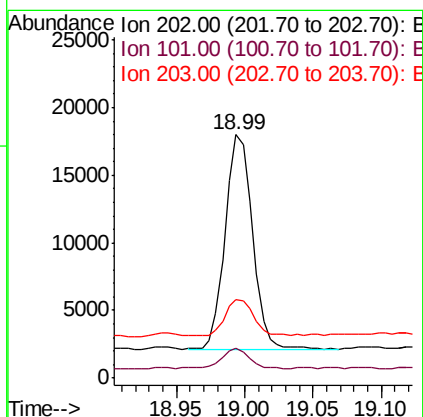
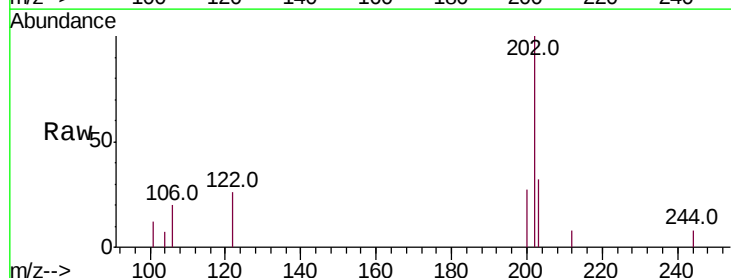
Instrument :
BNA_N
ClientSampleId :
VE-4-11MS

Tot Ion:212 Resp: 17801
Ion Ratio Lower Upper
212 100
106 13.3 6.6 10.0#
104 6.8 4.0 6.0#



#26
Fluoranthene
Concen: 0.430 ng
RT: 18.99 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BN010836.D
Acq: 11 Jun 2020 12:44

Tgt Ion:202 Resp: 21915
Ion Ratio Lower Upper
202 100
101 9.5 5.8 8.6#
203 17.7 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.13 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

Instrument :

BNA_N

ClientSampleId :

VE-4-11MS

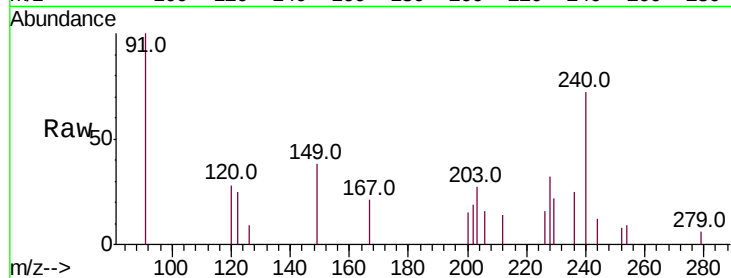
Tot Ion:240 Resp: 14452

Ion Ratio Lower Upper

240 100

120 38.6 7.5 11.3#

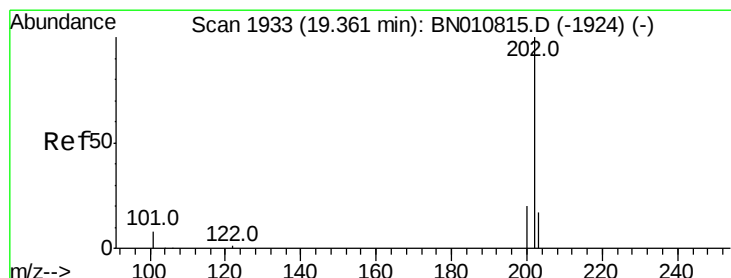
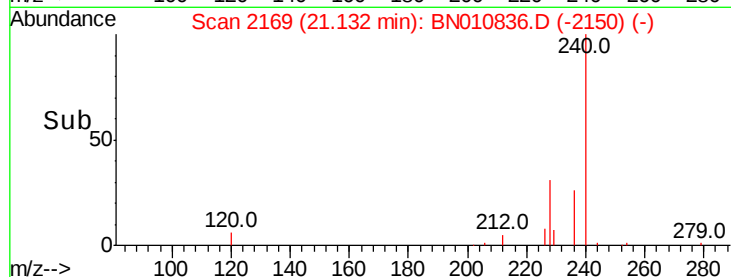
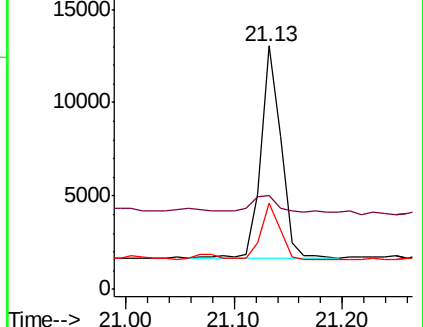
236 35.4 22.3 33.5#



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.568 ng

RT: 19.36 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

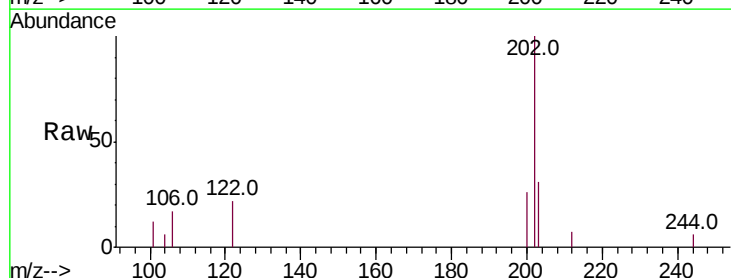
Tgt Ion:202 Resp: 27146

Ion Ratio Lower Upper

202 100

200 21.9 16.4 24.6

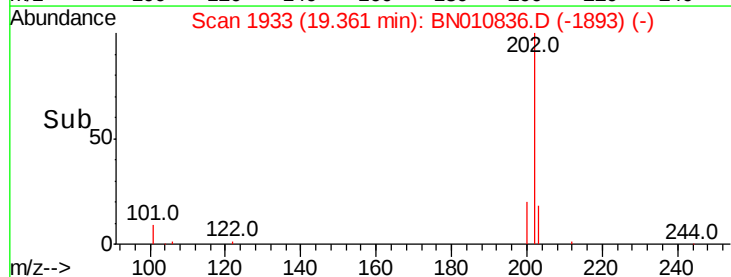
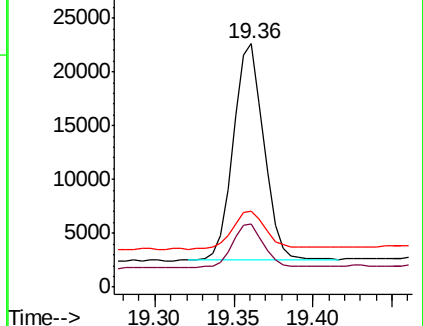
203 19.9 14.2 21.4

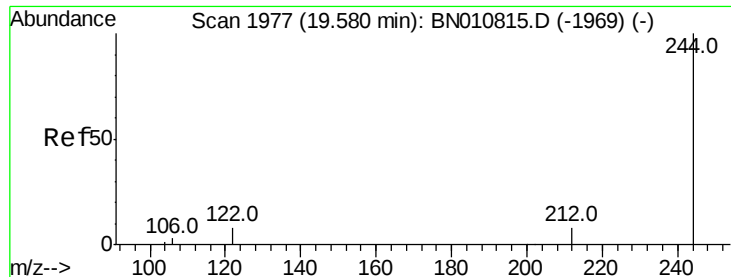


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.457 ng

RT: 19.58 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

Instrument :

BNA_N

ClientSampleId :

VE-4-11MS

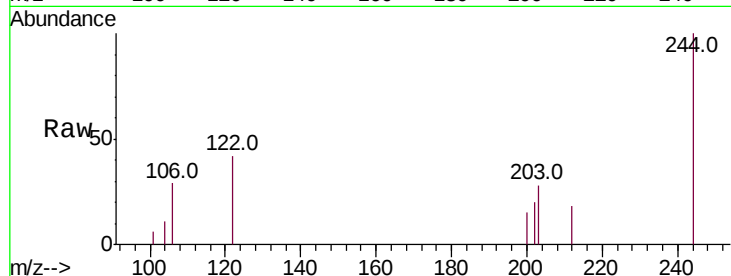
Tot Ion:244 Resp: 15454

Ion Ratio Lower Upper

244 100

212 18.1 7.4 11.2#

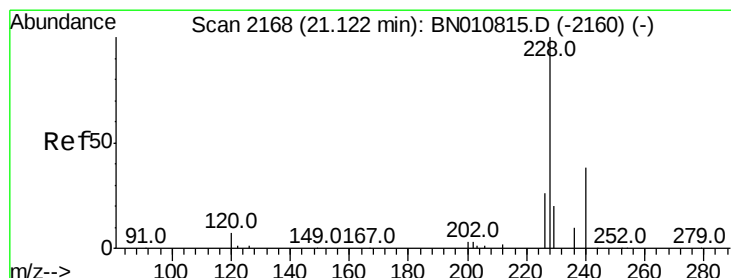
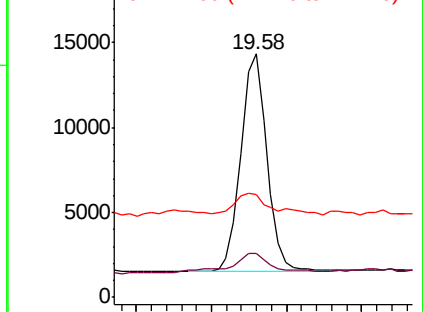
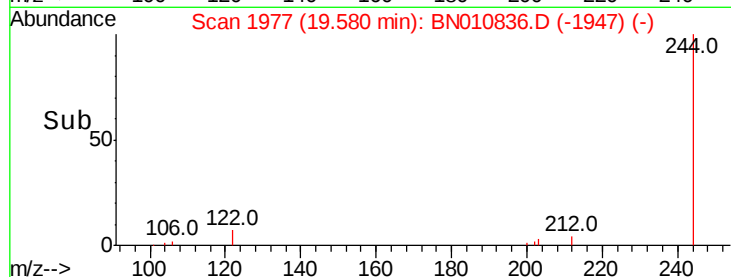
122 42.1 7.5 11.3#



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: 0.480 ng

RT: 21.12 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

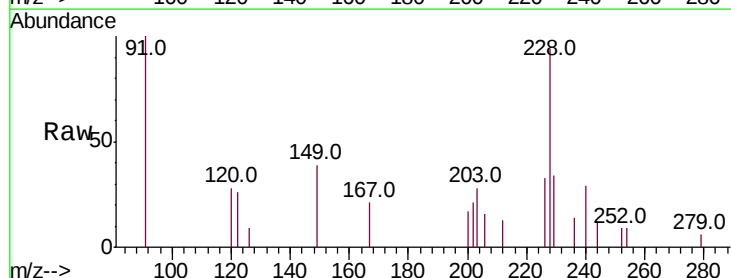
Tgt Ion:228 Resp: 20388

Ion Ratio Lower Upper

228 100

226 34.7 21.3 31.9#

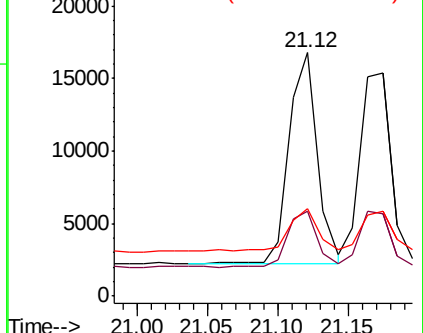
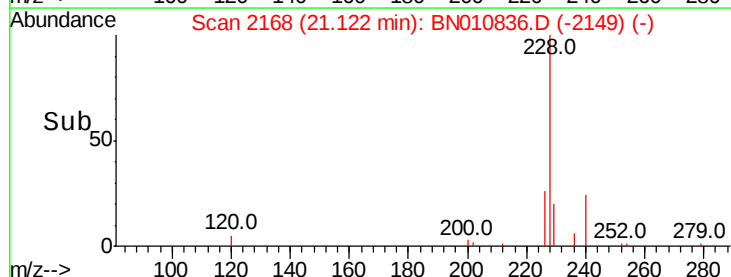
229 35.7 16.6 24.8#

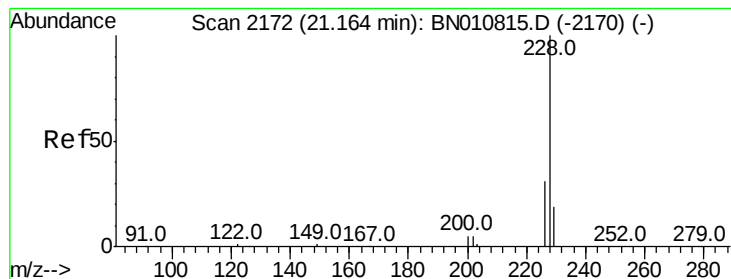


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.406 ng

RT: 21.17 min Scan# 2173

Delta R.T. 0.01 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

Instrument :

BNA_N

ClientSampleId :

VE-4-11MS

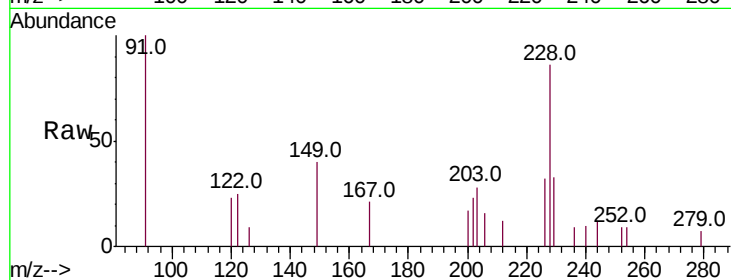
Tot Ion:228 Resp: 20107

Ion Ratio Lower Upper

228 100

226 37.1 25.0 37.6

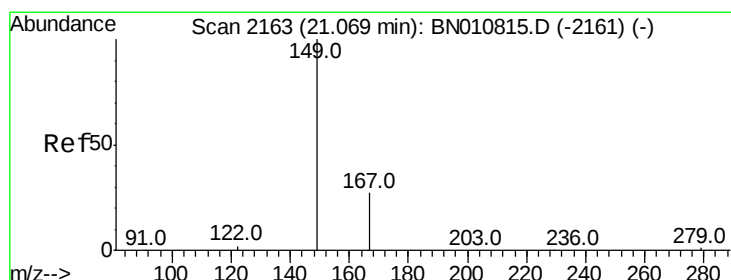
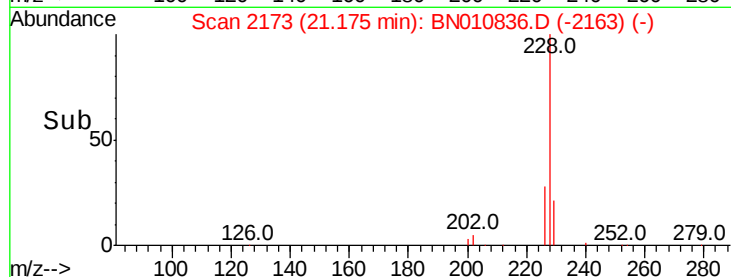
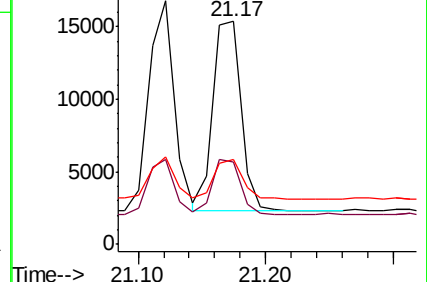
229 38.2 16.1 24.1#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.732 ng

RT: 21.08 min Scan# 2164

Delta R.T. 0.01 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

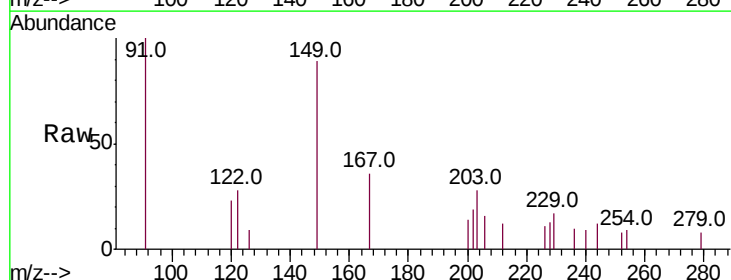
Tgt Ion:149 Resp: 10373

Ion Ratio Lower Upper

149 100

167 30.7 24.1 36.1

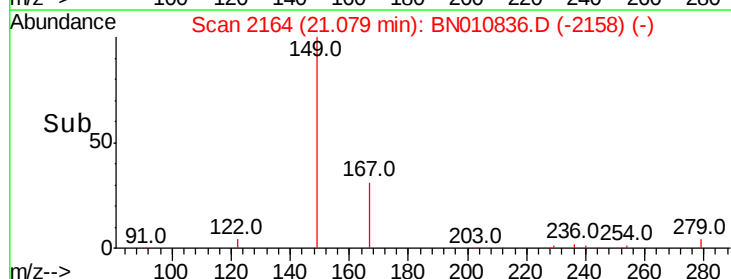
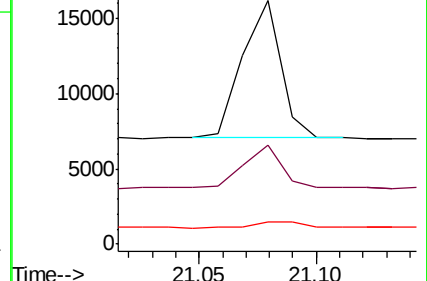
279 5.1 4.6 7.0

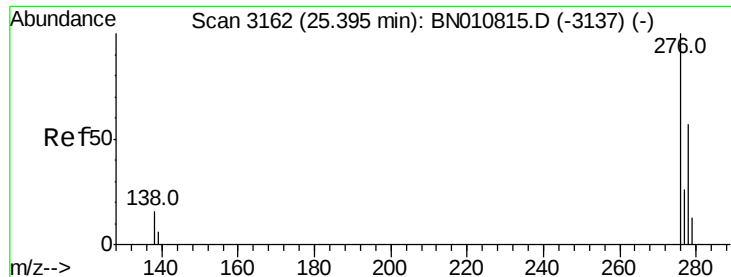


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.363 ng

RT: 25.40 min Scan# 3164

Delta R.T. 0.01 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

Instrument :

BNA_N

ClientSampleId :

VE-4-11MS

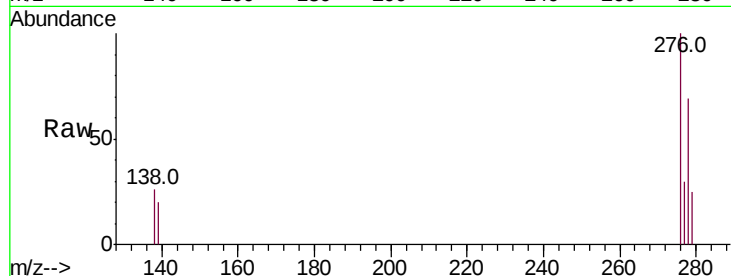
Tot Ion:276 Resp: 20066

Ion Ratio Lower Upper

276 100

138 20.9 13.0 19.6#

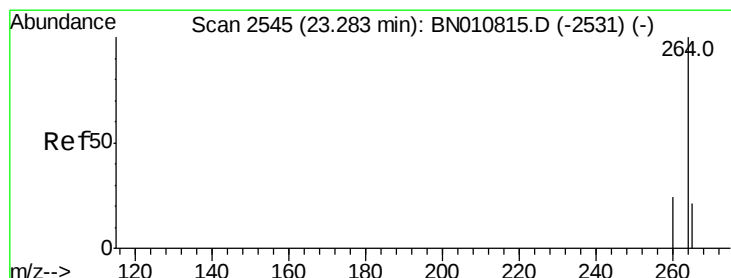
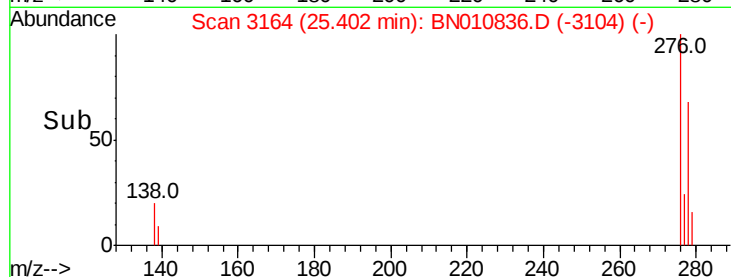
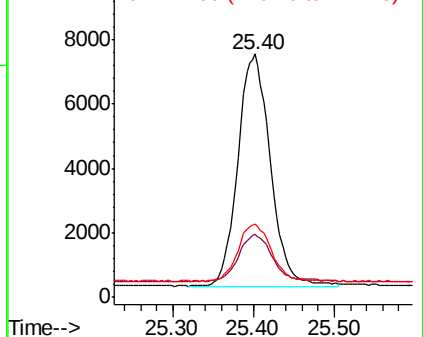
277 24.9 19.7 29.5



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# 2546

Delta R.T. 0.00 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

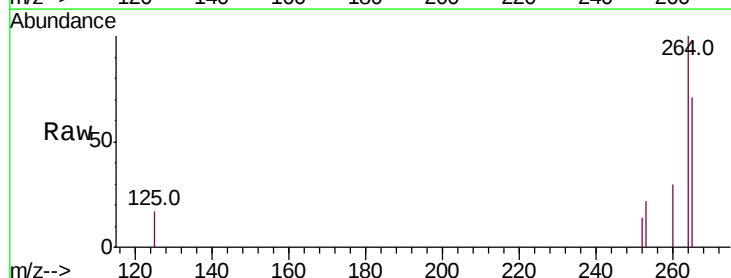
Tgt Ion:264 Resp: 16055

Ion Ratio Lower Upper

264 100

260 29.9 20.4 30.6

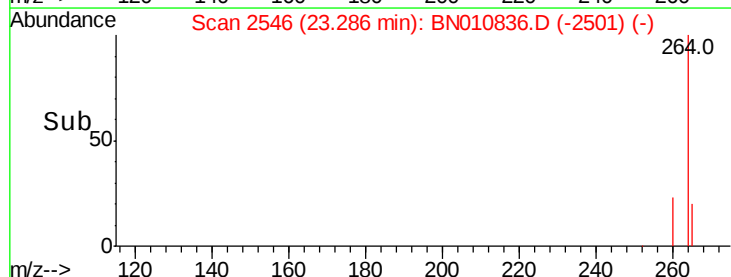
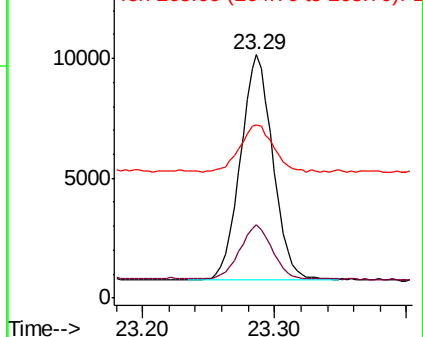
265 71.0 75.0 112.4#



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

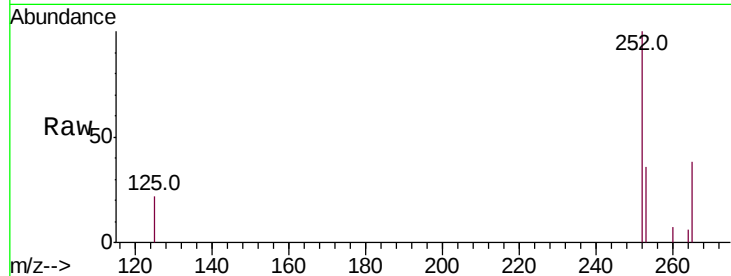




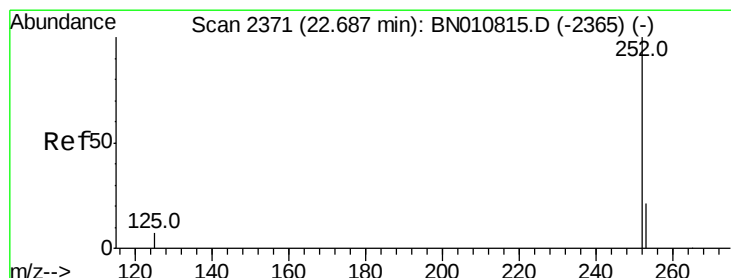
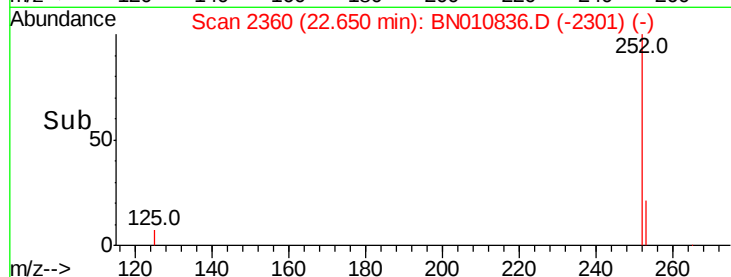
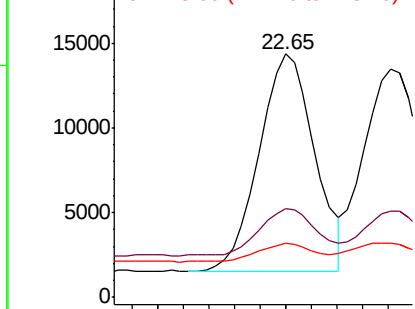
#35
Benzo(b)fluoranthene
Concen: 0.353 ng
RT: 22.65 min Scan# 2360
Delta R.T. 0.00 min
Lab File: BN010836.D
Acq: 11 Jun 2020 12:44

Instrument :
BNA_N
ClientSampleId :
VE-4-11MS

Tot Ion:252 Resp: 19270
Ion Ratio Lower Upper
252 100
253 36.2 22.4 33.6#
125 22.0 9.4 14.0#

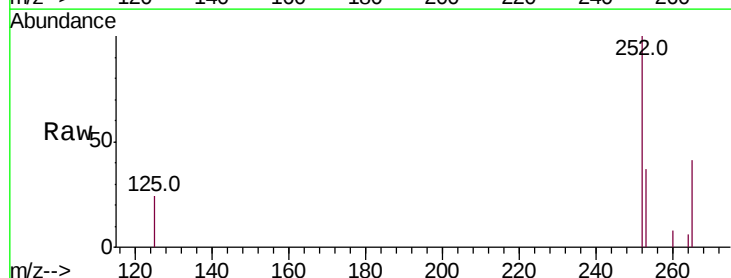


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

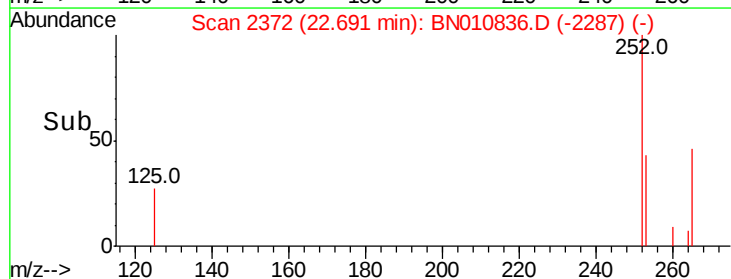
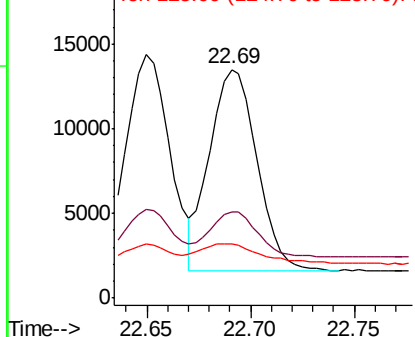


#36
Benzo(k)fluoranthene
Concen: 0.324 ng
RT: 22.69 min Scan# 2372
Delta R.T. 0.00 min
Lab File: BN010836.D
Acq: 11 Jun 2020 12:44

Tgt Ion:252 Resp: 18869
Ion Ratio Lower Upper
252 100
253 37.5 22.2 33.4#
125 23.7 9.8 14.8#



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: 0.355 ng

RT: 23.19 min Scan# 2518

Delta R.T. 0.00 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

Instrument :

BNA_N

ClientSampleId :

VE-4-11MS

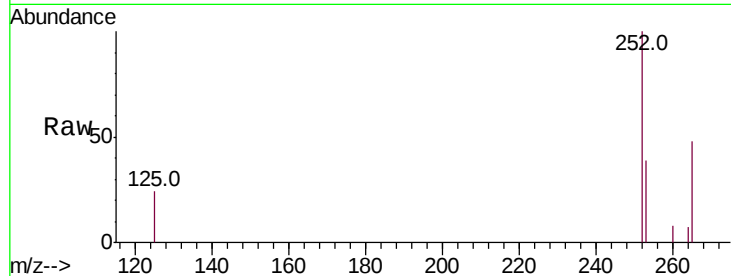
Tot Ion:252 Resp: 16633

Ion Ratio Lower Upper

252 100

253 39.4 25.8 38.8#

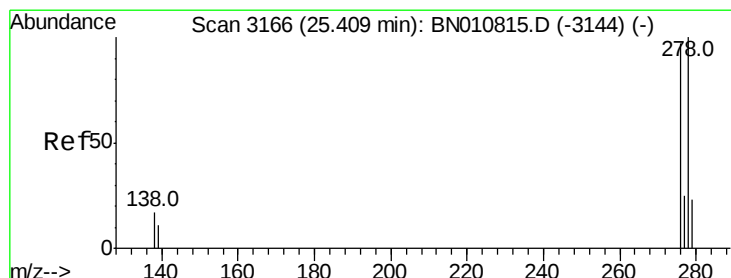
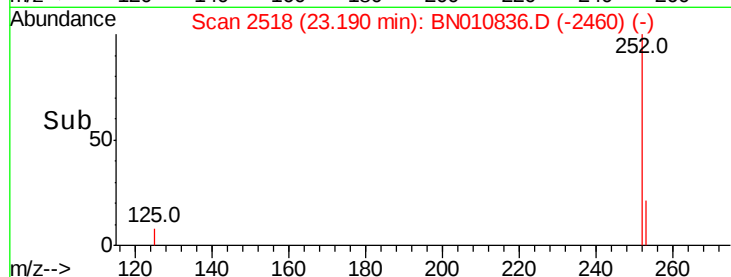
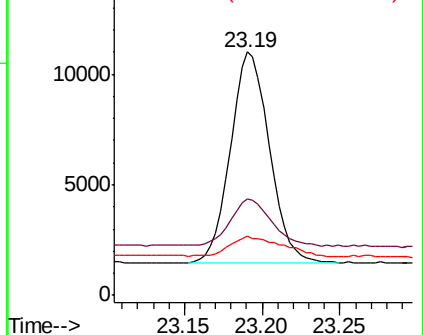
125 24.2 12.4 18.6#



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: 0.307 ng

RT: 25.42 min Scan# 3168

Delta R.T. 0.01 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

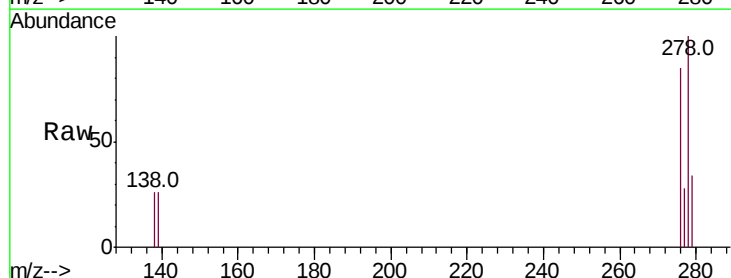
Tgt Ion:278 Resp: 16418

Ion Ratio Lower Upper

278 100

139 25.7 10.6 15.8#

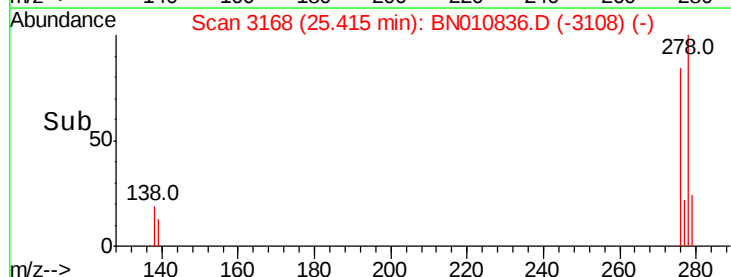
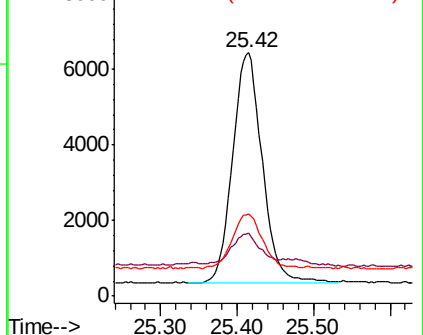
279 34.1 23.6 35.4



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: 0.305 ng

RT: 26.04 min Scan# 3350

Delta R.T. 0.00 min

Lab File: BN010836.D

Acq: 11 Jun 2020 12:44

Instrument :

BNA_N

ClientSampleId :

VE-4-11MS

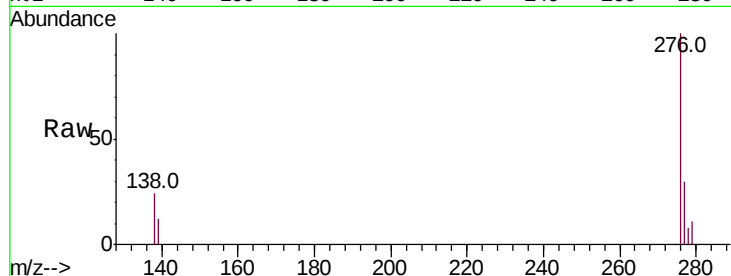
Tot Ion:276 Resp: 17013

Ion Ratio Lower Upper

276 100

277 29.5 20.5 30.7

138 24.0 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

