

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120419\
 Data File : BN008837.D
 Acq On : 04 Dec 2019 11:55
 Operator : JU
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 04 14:11:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 14:04:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	3029	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	12760	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	8882	0.40	ng	0.00
19) Phenanthrene-d10	16.94	188	19951	0.40	ng	0.00
27) Chrysene-d12	21.14	240	21996	0.40	ng	0.00
34) Perylene-d12	23.31	264	24435	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	1618	0.16	ng	0.00
5) Phenol-d6	6.76	99	2159	0.15	ng	0.00
8) Nitrobenzene-d5	8.71	82	2166	0.19	ng	0.00
11) 2-Methylnaphthalene-d10	11.93	152	4098	0.19	ng	0.00
14) 2,4,6-Tribromophenol	15.69	330	887	0.18	ng	0.00
15) 2-Fluorobiphenyl	12.82	172	6503	0.18	ng	0.00
25) Fluoranthene-d10	18.98	212	11740	0.17	ng	0.00
29) Terphenyl-d14	19.59	244	9725	0.18	ng	0.00

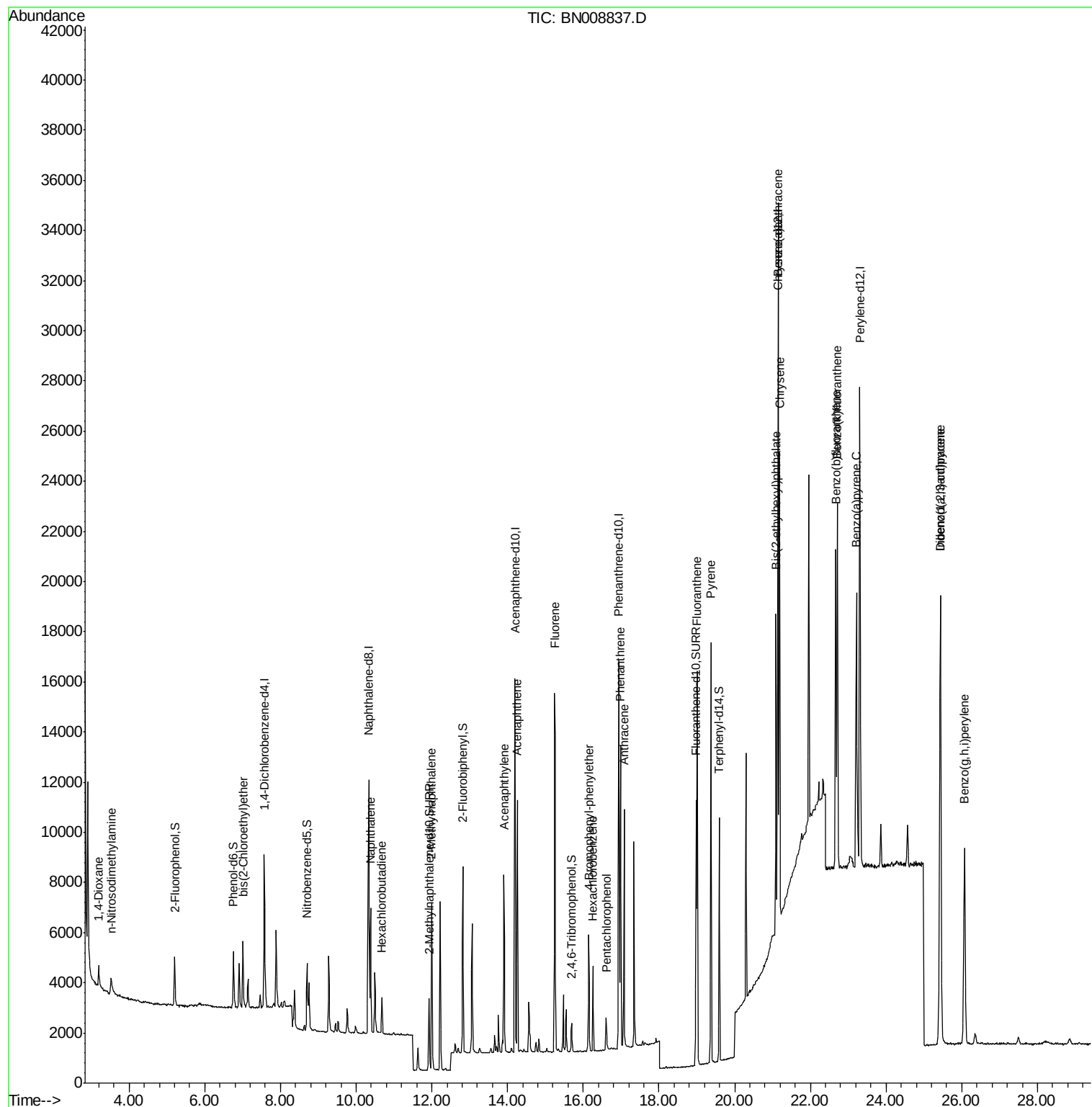
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.20	88	582	0.172	ng	# 100
3) n-Nitrosodimethylamine	3.52	42	678	0.438	ng	# 100
6) bis(2-Chloroethyl)ether	7.01	93	1931	0.225	ng	96
9) Naphthalene	10.38	128	6678	0.186	ng	97
10) Hexachlorobutadiene	10.67	225	1338	0.177	ng	# 100
12) 2-Methylnaphthalene	12.00	142	4845	0.200	ng	97
16) Acenaphthylene	13.91	152	7772	0.165	ng	100
17) Acenaphthene	14.25	154	5101	0.168	ng	99
18) Fluorene	15.25	166	6699	0.172	ng	99
20) 4-Bromophenyl-phenylether	16.14	248	2221	0.183	ng	# 88
21) Hexachlorobenzene	16.26	284	2616	0.198	ng	98
22) Pentachlorophenol	16.61	266	867	0.178	ng	96
23) Phenanthrene	16.98	178	11783	0.190	ng	99
24) Anthracene	17.08	178	10533	0.188	ng	99
26) Fluoranthene	19.01	202	14166	0.183	ng	99
28) Pyrene	19.37	202	14720	0.196	ng	100
30) Benzo(a)anthracene	21.13	228	15403	0.190	ng	98
31) Chrysene	21.19	228	15219	0.193	ng	99
32) Bis(2-ethylhexyl)phthalate	21.09	149	10953	0.263	ng	98
33) Indeno(1,2,3-cd)pyrene	25.43	276	18987	0.192	ng	98
35) Benzo(b)fluoranthene	22.67	252	15884	0.187	ng	# 89
36) Benzo(k)fluoranthene	22.71	252	15486	0.185	ng	# 86
37) Benzo(a)pyrene	23.21	252	14976	0.188	ng	# 89
38) Dibenzo(a,h)anthracene	25.44	278	15374	0.188	ng	94
39) Benzo(g,h,i)perylene	26.07	276	15458	0.192	ng	97

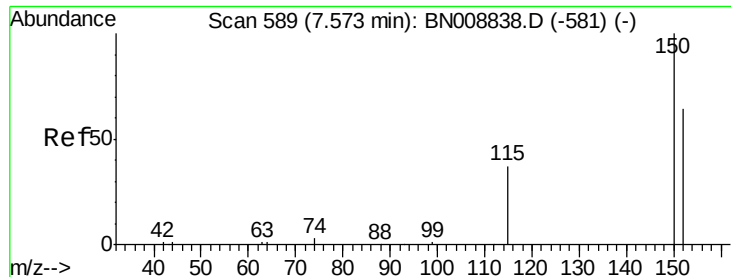
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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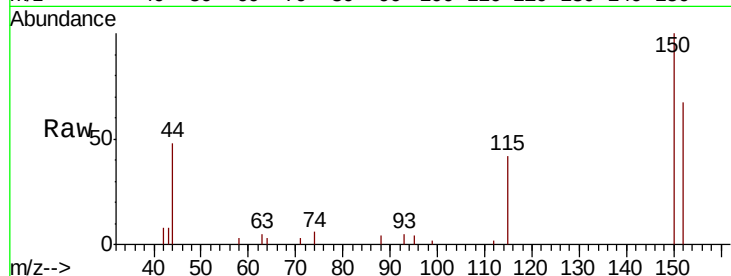


#1

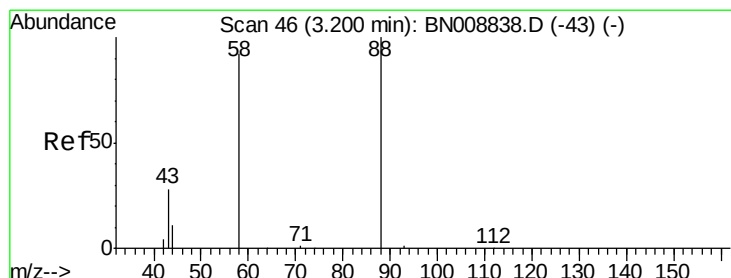
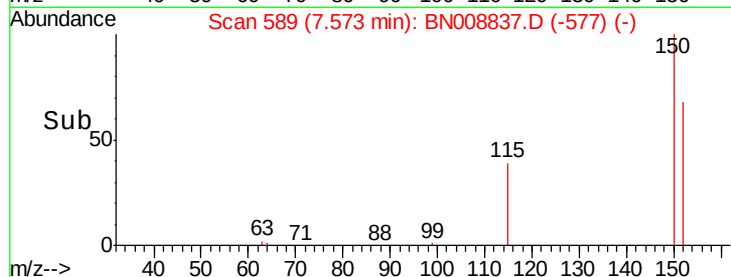
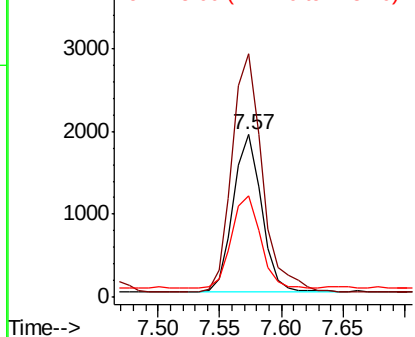
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 589
Delta R.T. 0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3029
Ion Ratio Lower Upper
152 100
150 149.6 123.9 185.9
115 62.2 49.9 74.9



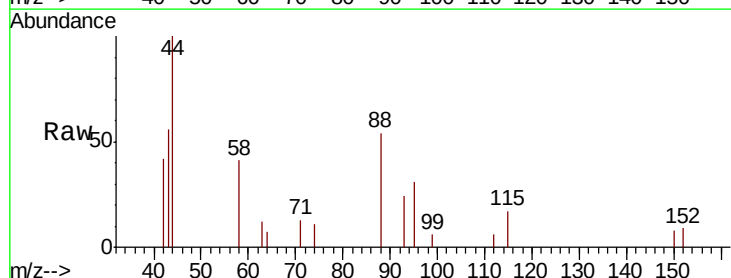
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



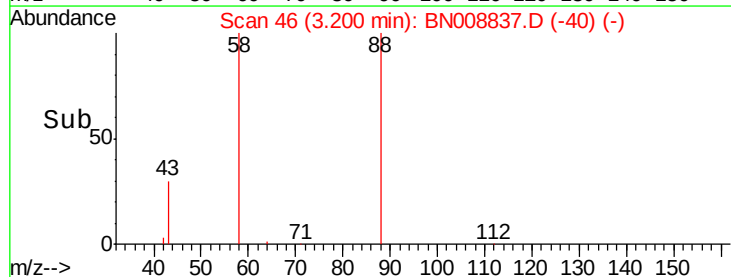
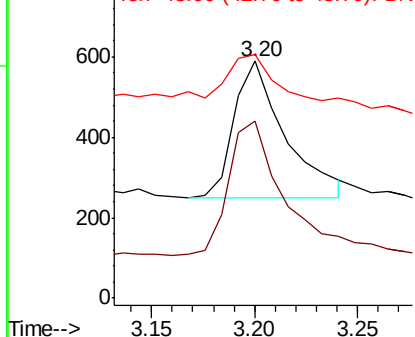
#2

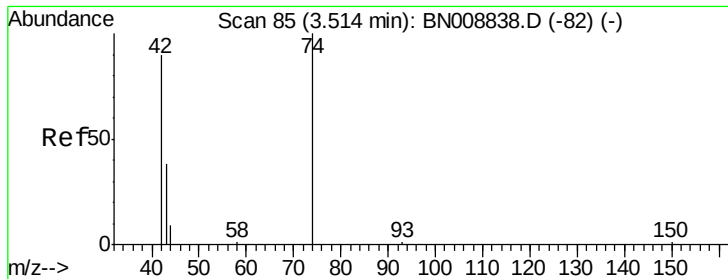
1,4-Dioxane
Concen: 0.172 ng
RT: 3.20 min Scan# 46
Delta R.T. 0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Tgt Ion: 88 Resp: 582
Ion Ratio Lower Upper
88 100
58 102.2 0.0 0.0#
43 28.4 0.0 0.0#



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



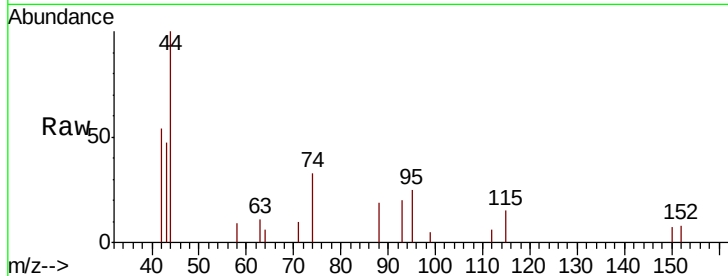


#3

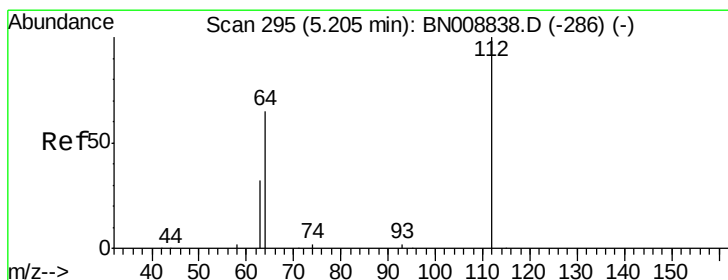
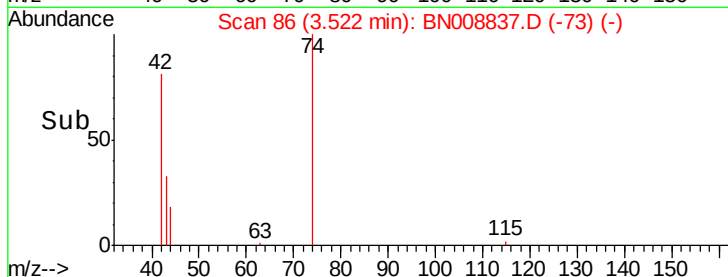
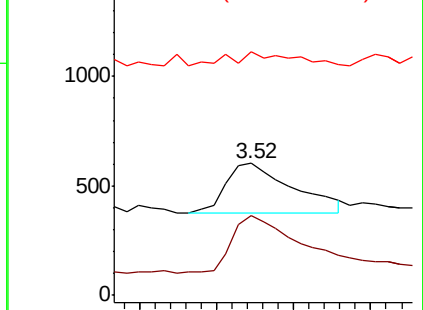
n-Nitrosodimethylamine
 Concen: 0.438 ng
 RT: 3.52 min Scan# 86
 Delta R.T. 0.01 min
 Lab File: BN008837.D
 Acq: 04 Dec 2019 11:55

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	115.8	0.0	0.0#
44	21.4	0.0	0.0#



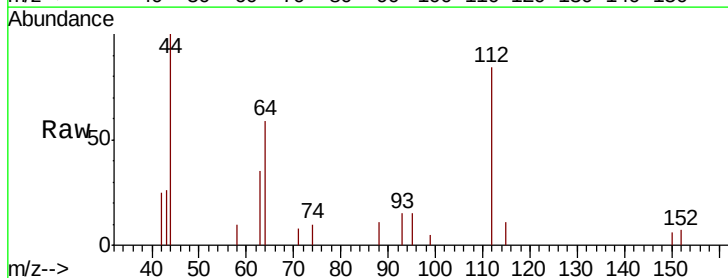
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



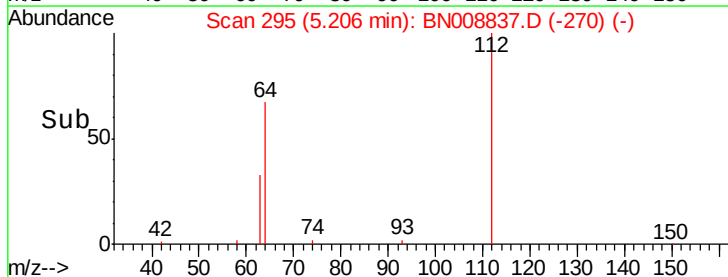
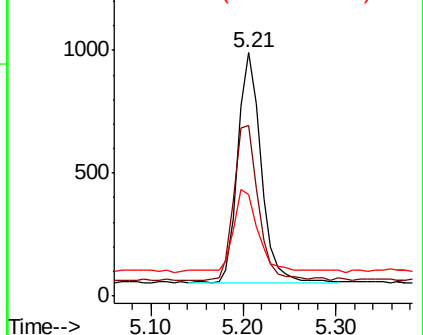
#4

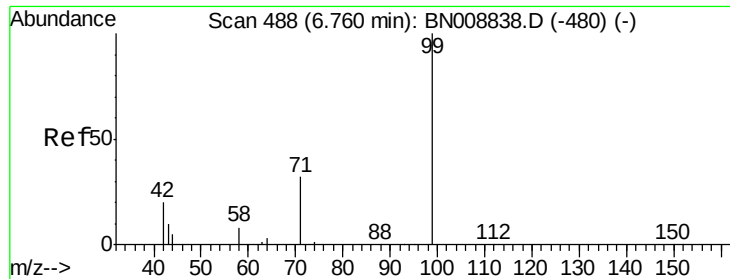
2-Fluorophenol
 Concen: 0.155 ng
 RT: 5.21 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: BN008837.D
 Acq: 04 Dec 2019 11:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	56.3	84.5
63	40.8	28.2	42.2



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: 0.145 ng

RT: 6.76 min Scan# 488

Delta R.T. 0.00 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

Instrument :

BNA_N

ClientSampleId :

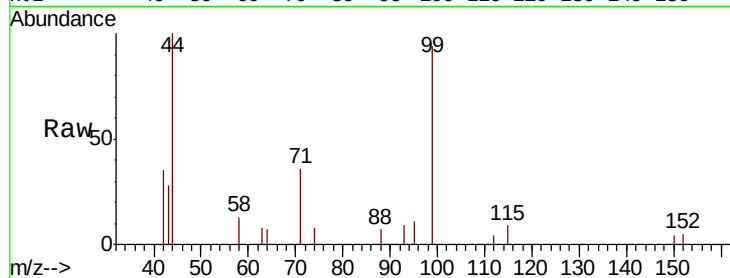
Tot Ion: 99 Resp: 2159

Ion Ratio Lower Upper

99 100

42 27.3 18.1 27.1#

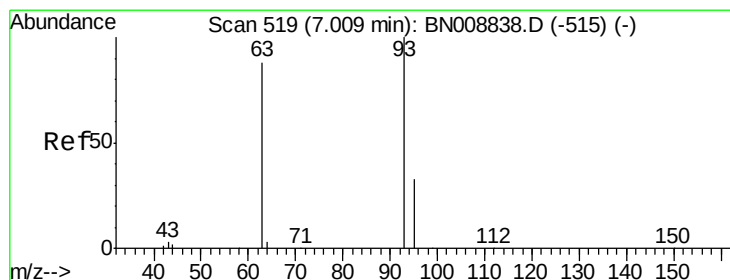
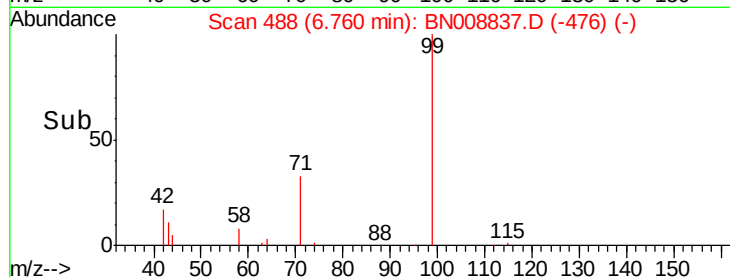
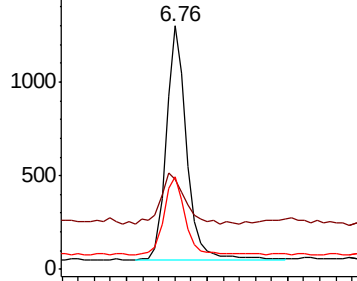
71 34.0 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN008837.D (-480) (-)

Ion 42.00 (41.70 to 42.70): BN008837.D (-480) (-)

Ion 71.00 (70.70 to 71.70): BN008837.D (-480) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.225 ng

RT: 7.01 min Scan# 519

Delta R.T. 0.00 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

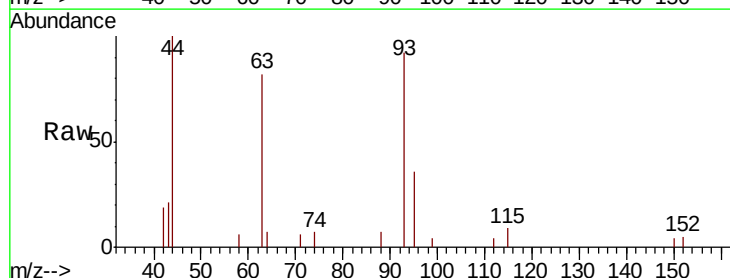
Tgt Ion: 93 Resp: 1931

Ion Ratio Lower Upper

93 100

63 93.3 72.1 108.1

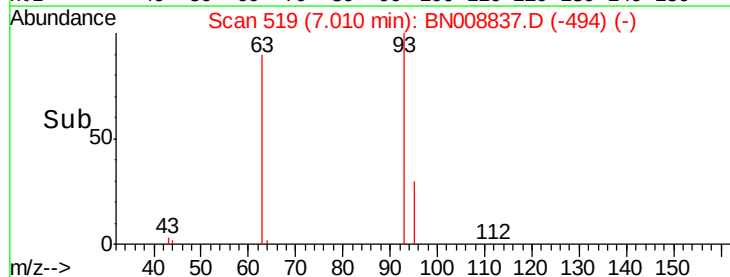
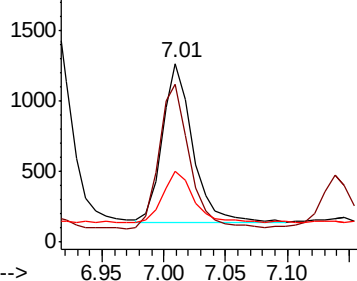
95 34.5 25.7 38.5

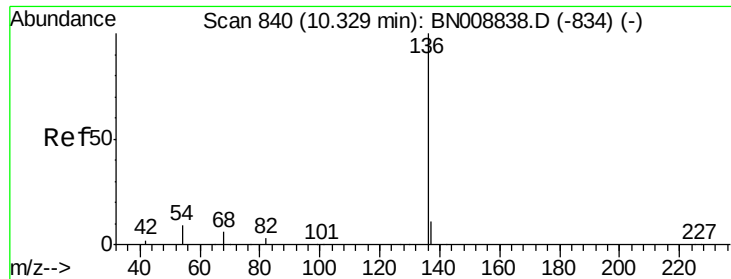


Abundance Ion 93.00 (92.70 to 93.70): BN008837.D (-515) (-)

Ion 63.00 (62.70 to 63.70): BN008837.D (-515) (-)

Ion 95.00 (94.70 to 95.70): BN008837.D (-515) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 12760

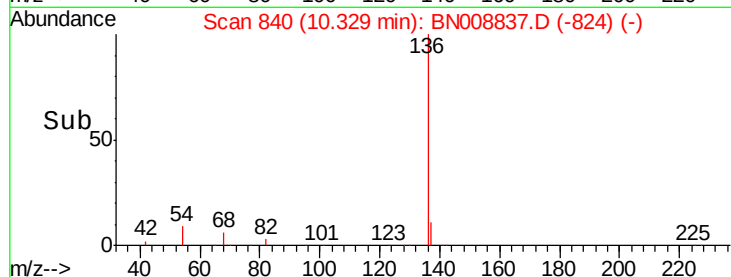
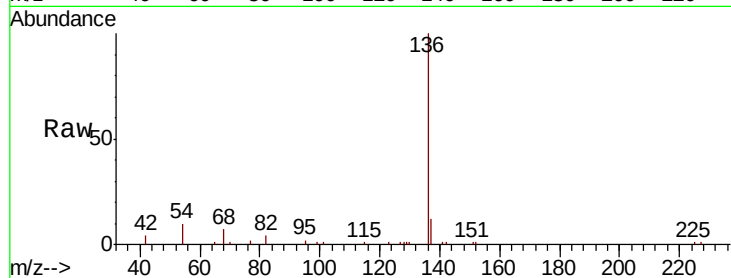
Ion Ratio Lower Upper

136 100

137 11.7 9.1 13.7

54 10.3 8.2 12.2

68 6.7 5.4 8.2

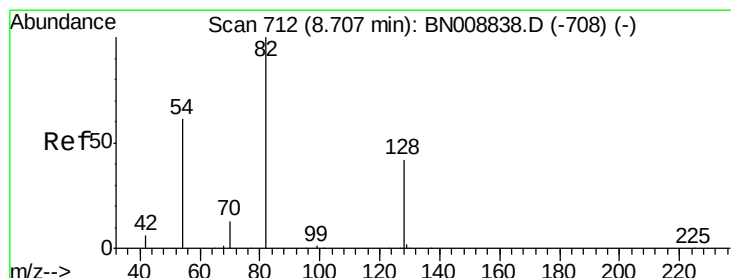
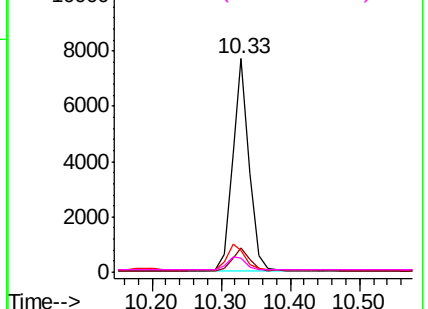


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.194 ng

RT: 8.71 min Scan# 712

Delta R.T. 0.00 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

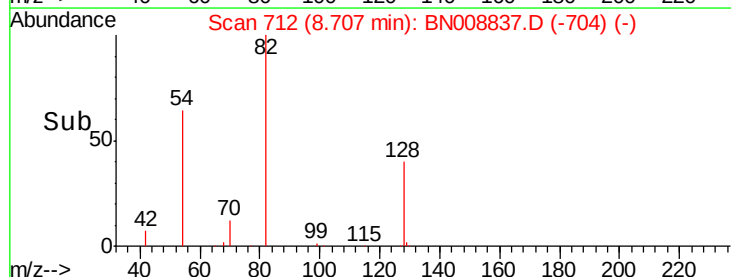
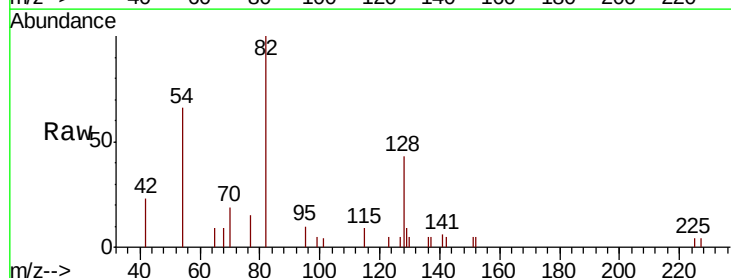
Tgt Ion: 82 Resp: 2166

Ion Ratio Lower Upper

82 100

128 43.3 35.0 52.6

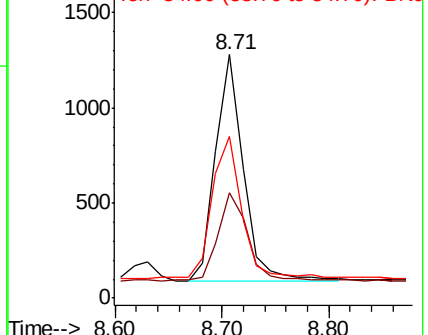
54 66.4 50.2 75.2

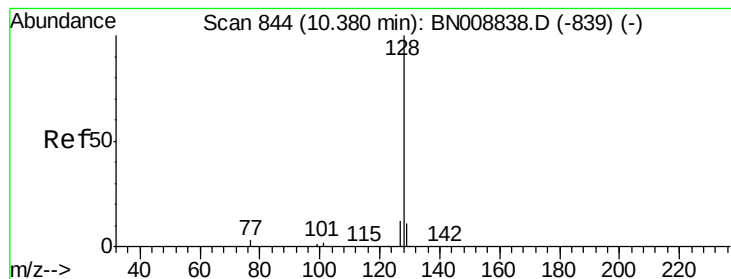


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.186 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

Instrument :

BNA_N

ClientSampleId :

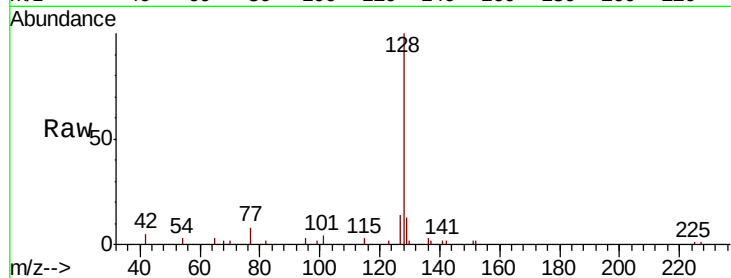
Tot Ion:128 Resp: 6678

Ion Ratio Lower Upper

128 100

129 12.9 9.3 13.9

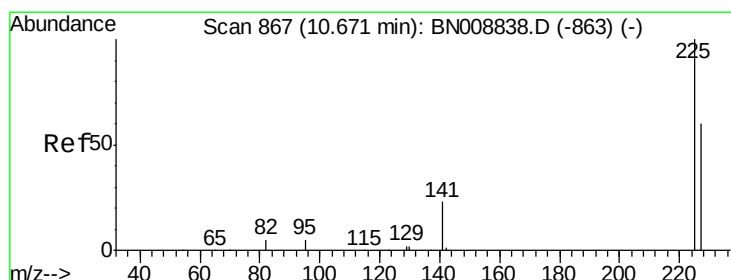
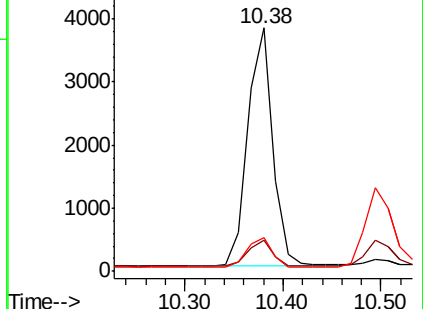
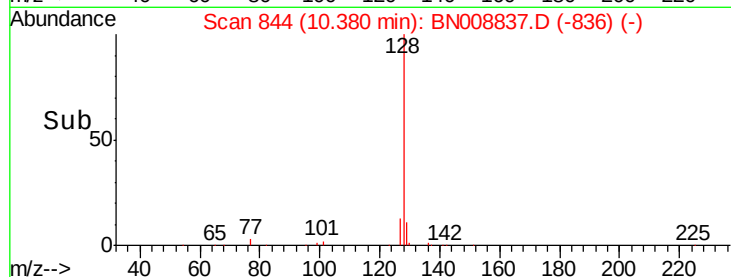
127 13.8 10.5 15.7



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: 0.177 ng

RT: 10.67 min Scan# 867

Delta R.T. 0.00 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

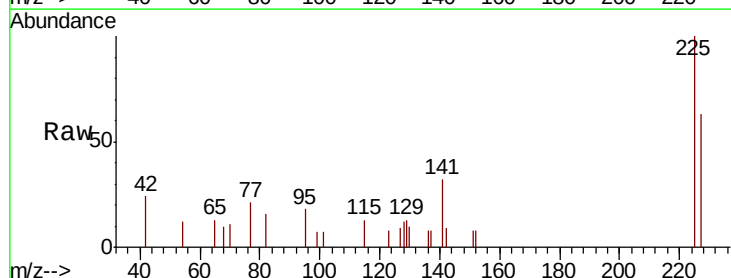
Tgt Ion:225 Resp: 1338

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

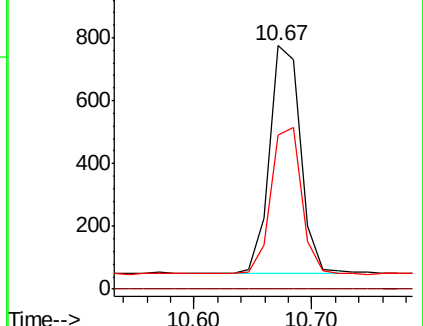
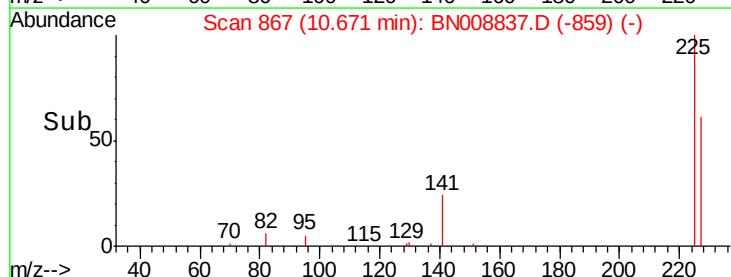
227 63.6 50.9 76.3

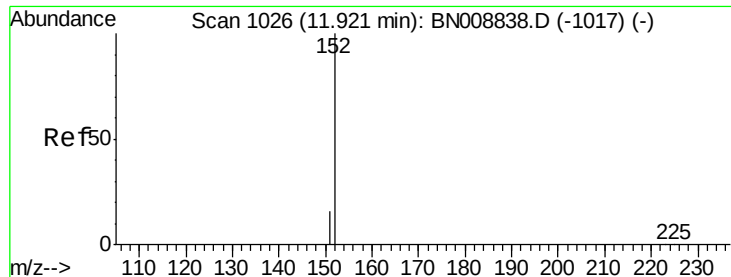


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

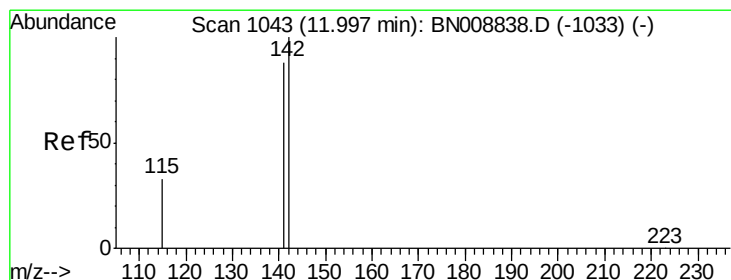
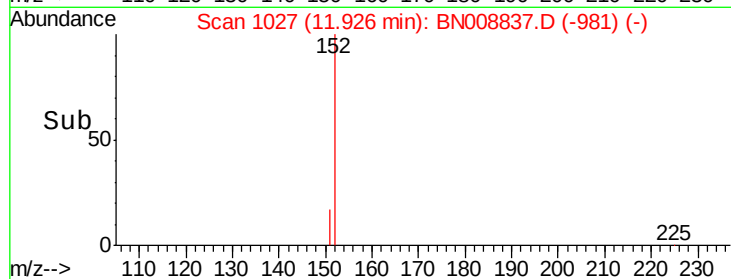
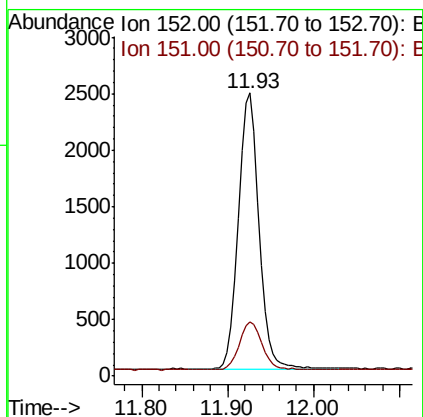
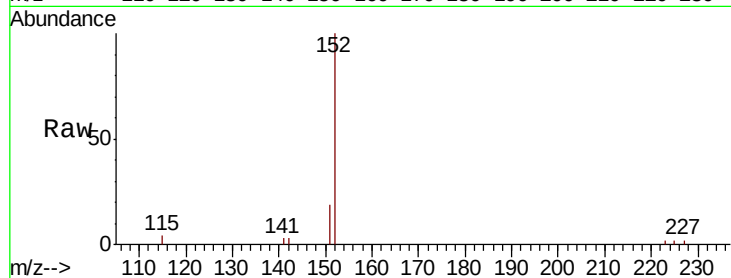




#11
2-Methylnaphthalene-d10
Concen: 0.191 ng
RT: 11.93 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

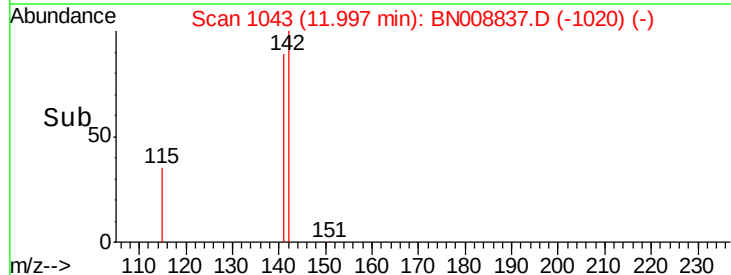
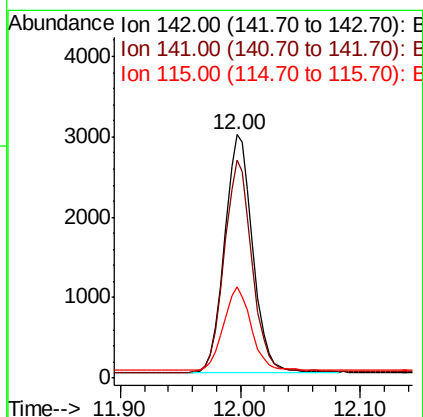
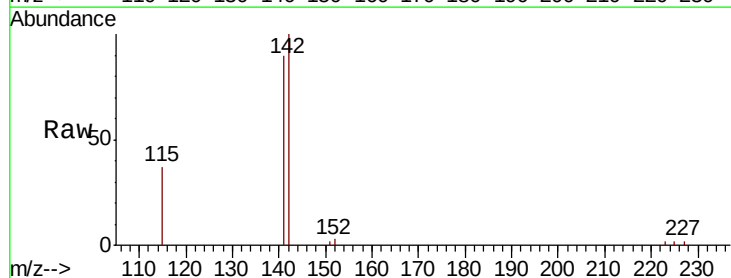
Instrument :
BNA_N
ClientSampleId :

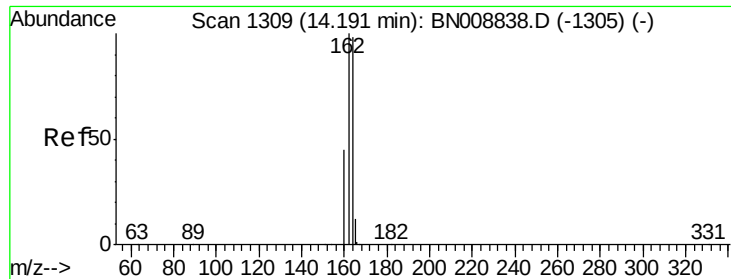
Tot Ion:152 Resp: 4098
Ion Ratio Lower Upper
152 100
151 18.5 15.2 22.8



#12
2-Methylnaphthalene
Concen: 0.200 ng
RT: 12.00 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Tgt Ion:142 Resp: 4845
Ion Ratio Lower Upper
142 100
141 89.7 70.2 105.4
115 37.3 27.6 41.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.20 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

Instrument :

BNA_N

ClientSampleId :

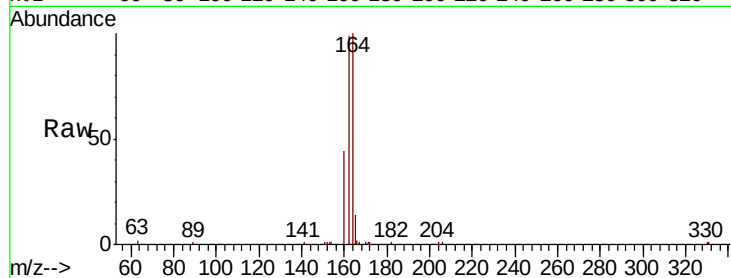
Tot Ion:164 Resp: 8882

Ion Ratio Lower Upper

164 100

162 99.2 81.9 122.9

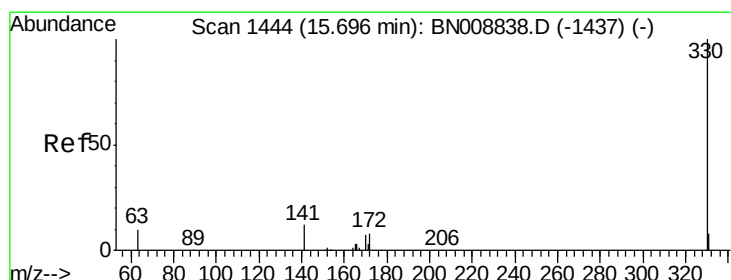
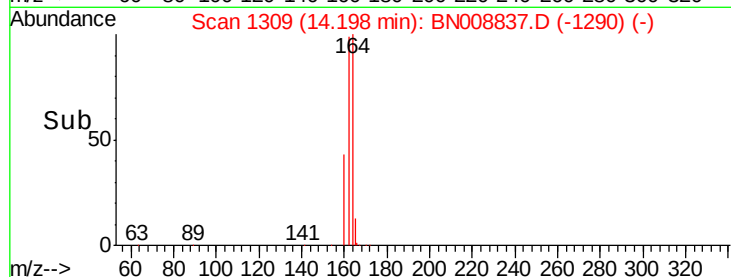
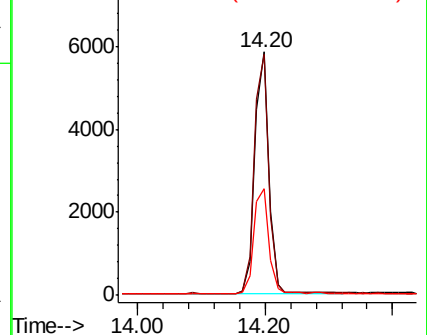
160 43.9 37.4 56.2



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: 0.183 ng

RT: 15.69 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

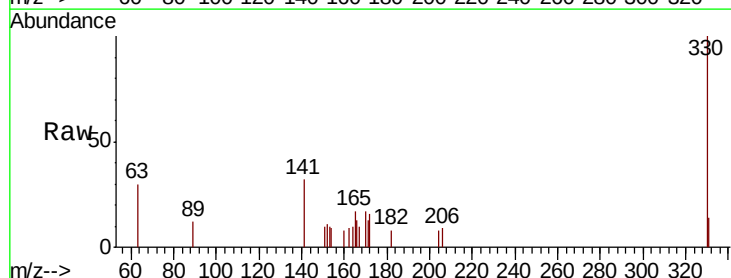
Tgt Ion:330 Resp: 887

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

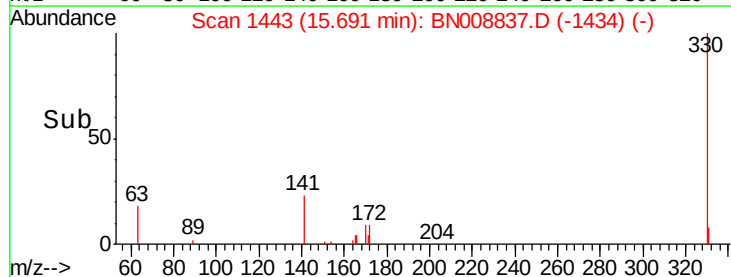
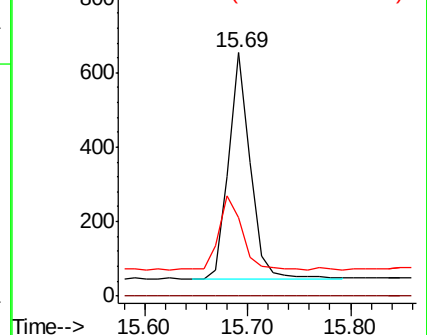
141 35.6 26.2 39.4

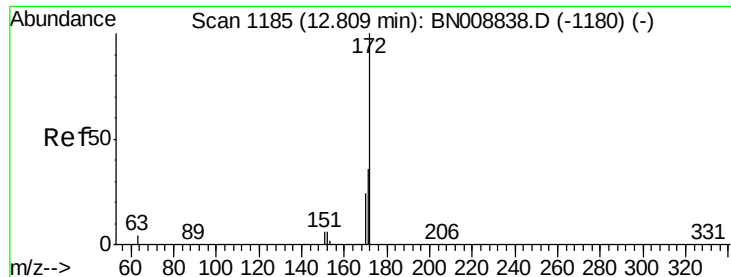


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

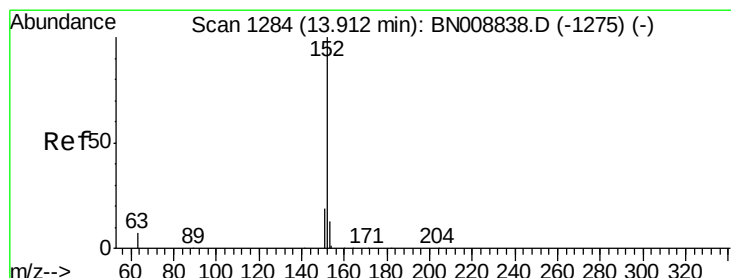
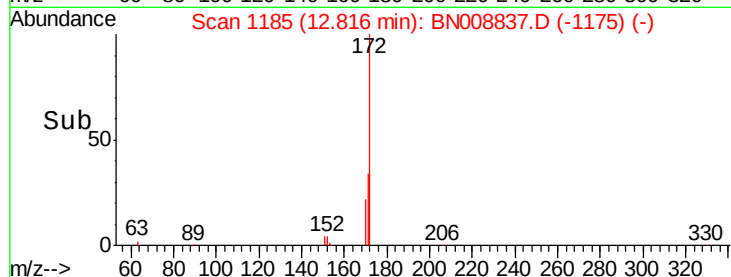
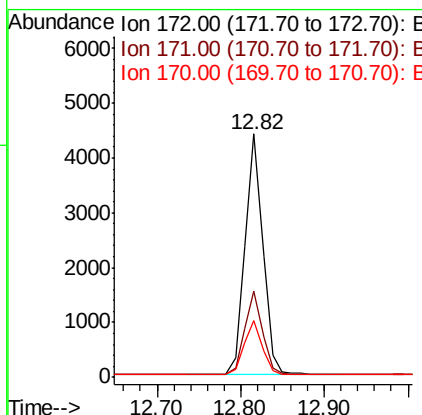
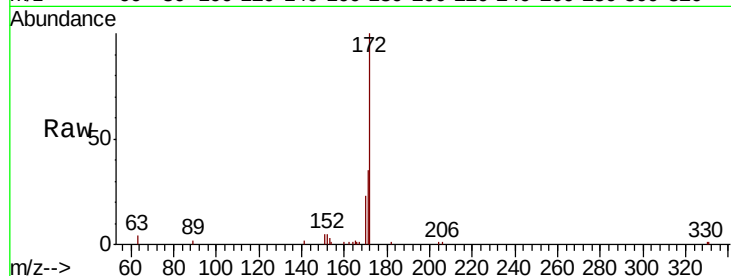




#15
2-Fluorobiphenyl
Concen: 0.178 ng
RT: 12.82 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

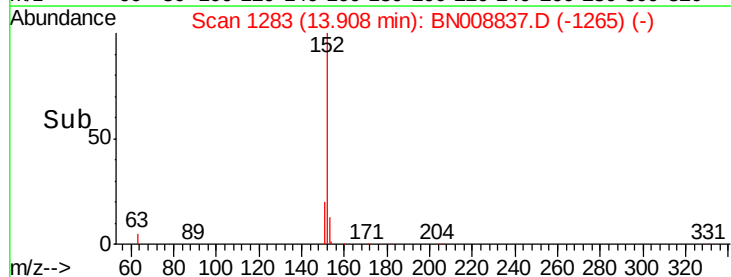
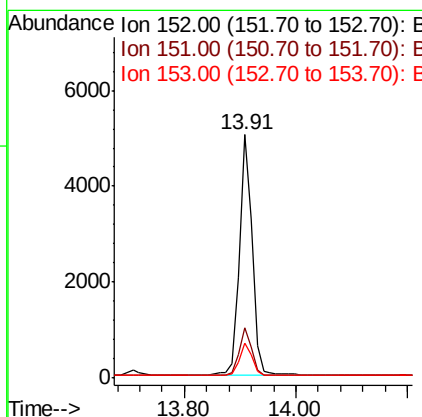
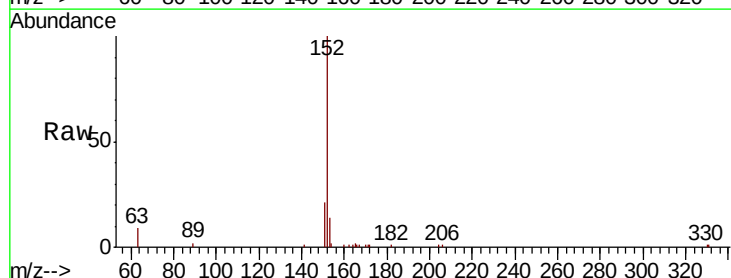
Instrument :
BNA_N
ClientSampleId :

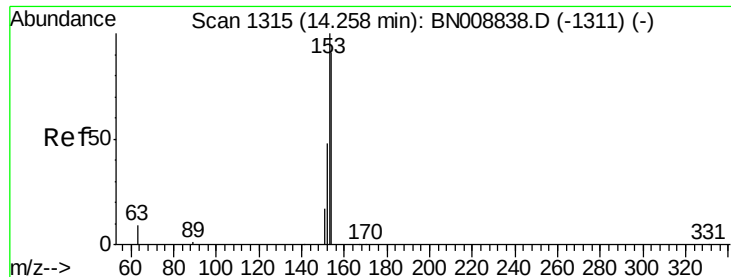
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	23.2	19.7	29.5



#16
Acenaphthylene
Concen: 0.165 ng
RT: 13.91 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BN008837.D
Acq: 04 Dec 2019 11:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	13.3	10.4	15.6





#17

Acenaphthene

Concen: 0.168 ng

RT: 14.25 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

Instrument :

BNA_N

ClientSampleId :

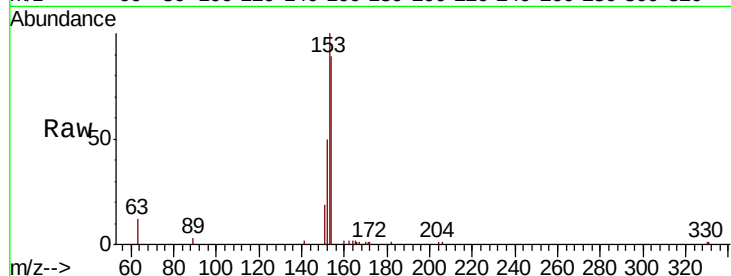
Tot Ion:154 Resp: 5101

Ion Ratio Lower Upper

154 100

153 112.7 89.4 134.2

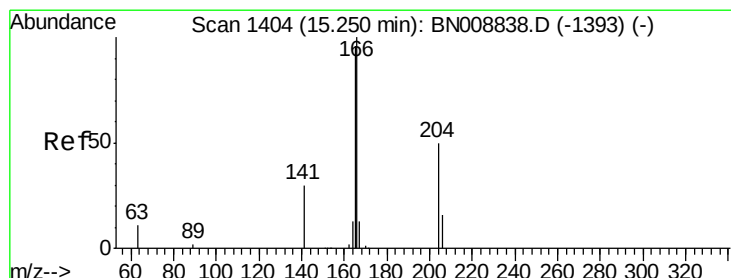
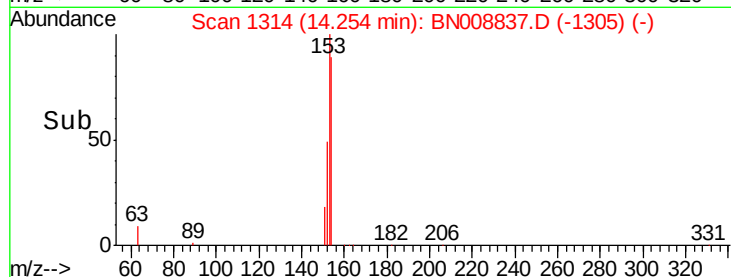
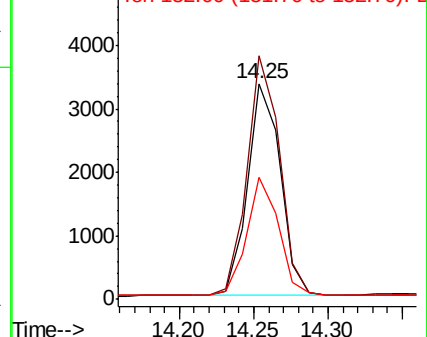
152 54.3 43.8 65.8



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: 0.172 ng

RT: 15.25 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

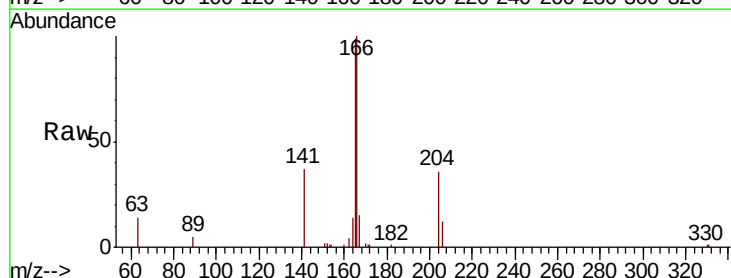
Tgt Ion:166 Resp: 6699

Ion Ratio Lower Upper

166 100

165 97.2 77.0 115.6

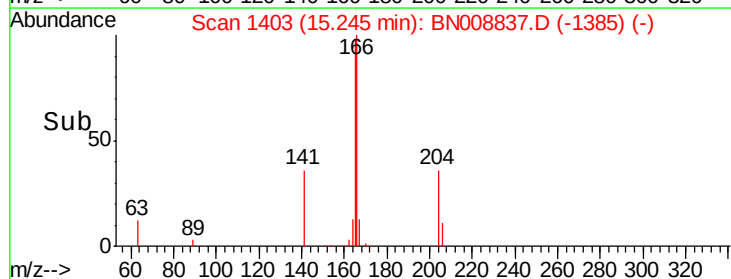
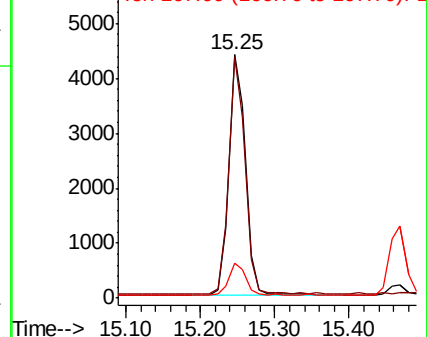
167 13.8 10.8 16.2

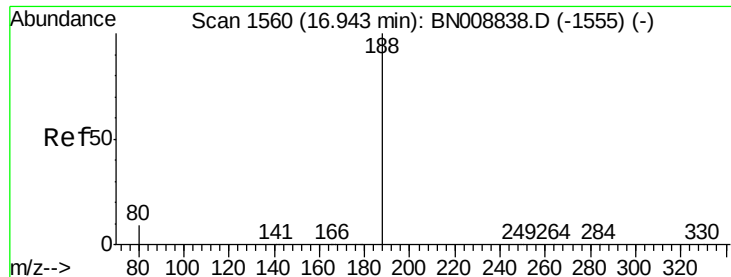


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.94 min Scan# 1559

Delta R.T. -0.00 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

Instrument :

BNA_N

ClientSampleId :

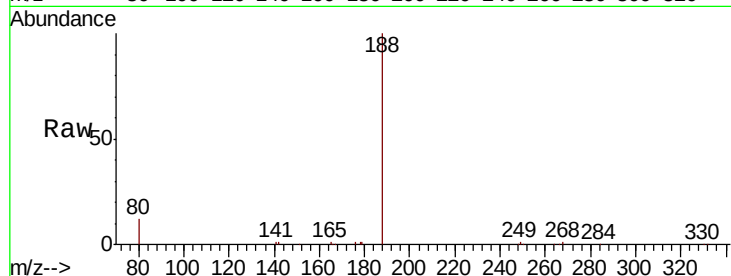
Tot Ion:188 Resp: 19951

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

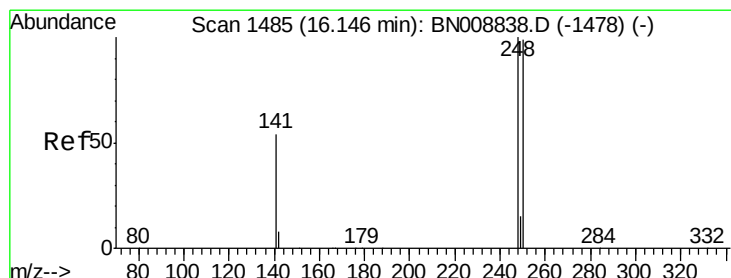
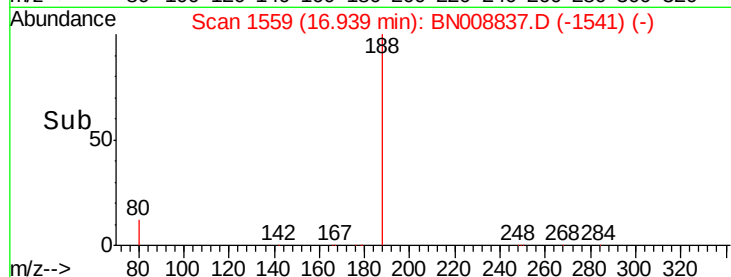
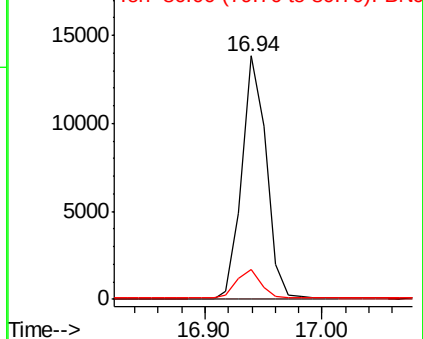
80 12.2 7.4 11.2#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.183 ng

RT: 16.14 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

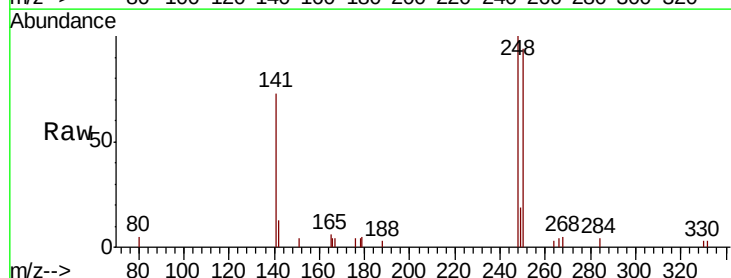
Tgt Ion:248 Resp: 2221

Ion Ratio Lower Upper

248 100

250 94.4 79.7 119.5

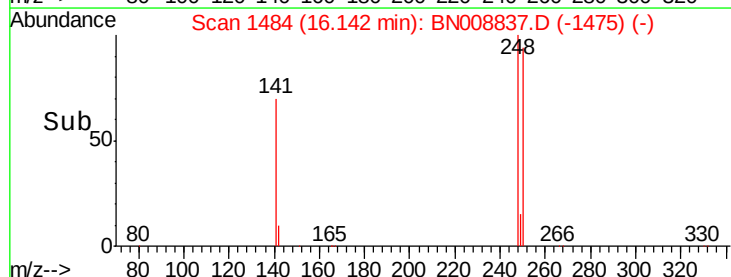
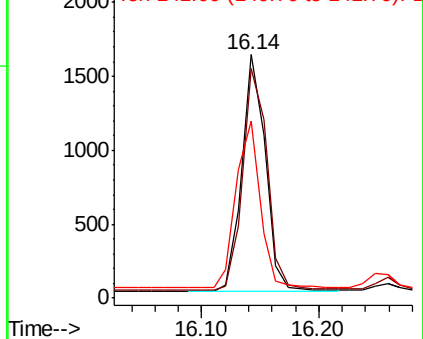
141 72.6 44.7 67.1#

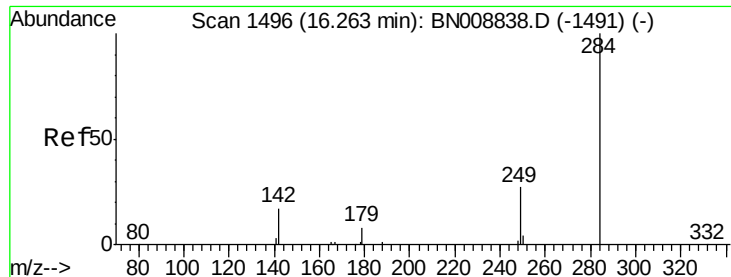


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.198 ng

RT: 16.26 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

Instrument :

BNA_N

ClientSampled :

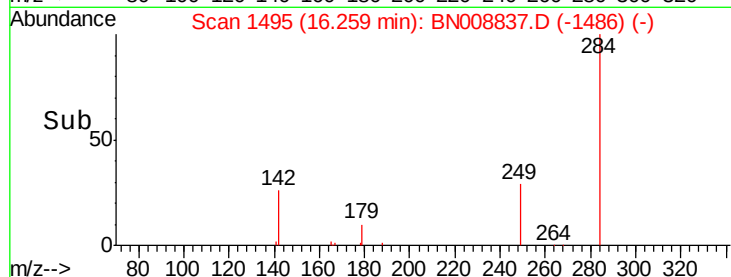
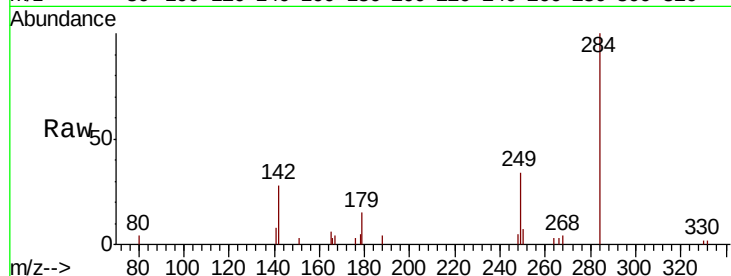
Tot Ion:284 Resp: 2616

Ion Ratio Lower Upper

284 100

142 31.5 25.4 38.0

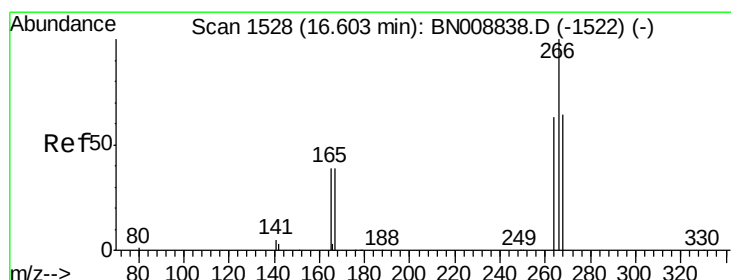
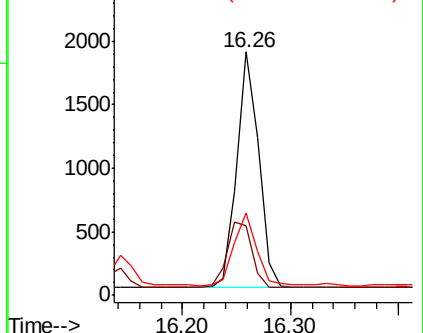
249 32.0 24.3 36.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.178 ng

RT: 16.61 min Scan# 1528

Delta R.T. 0.01 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

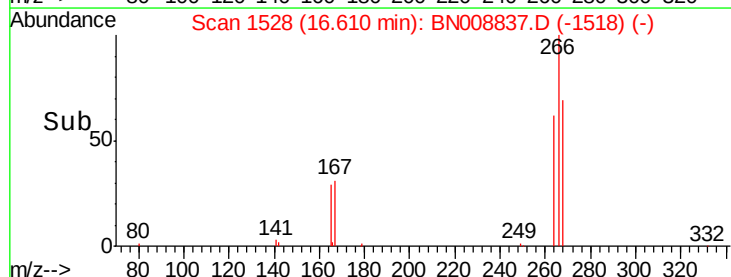
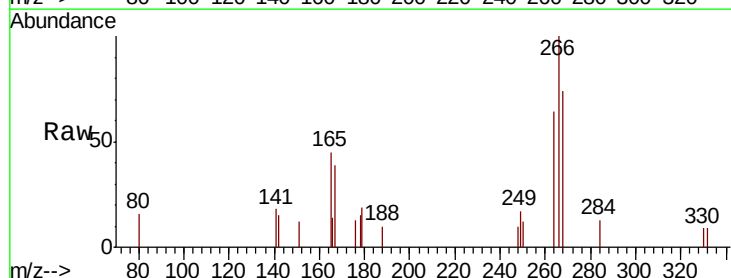
Tgt Ion:266 Resp: 867

Ion Ratio Lower Upper

266 100

264 63.6 51.0 76.4

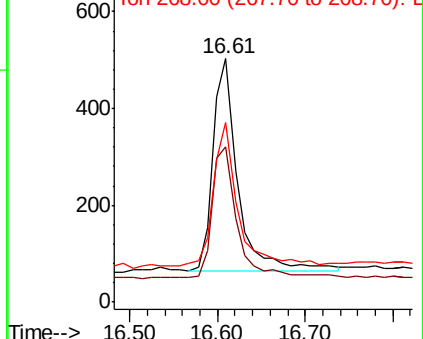
268 73.6 53.7 80.5

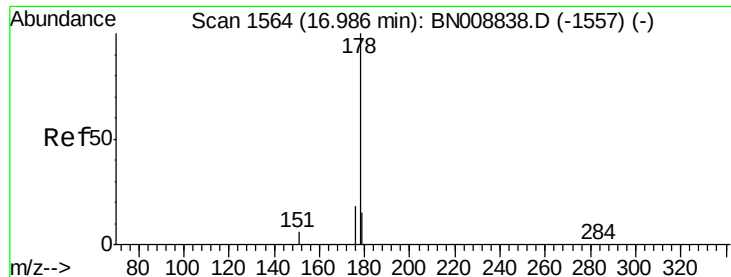


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.190 ng

RT: 16.98 min Scan# 1563

Delta R.T. -0.00 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

Instrument :

BNA_N

ClientSampleId :

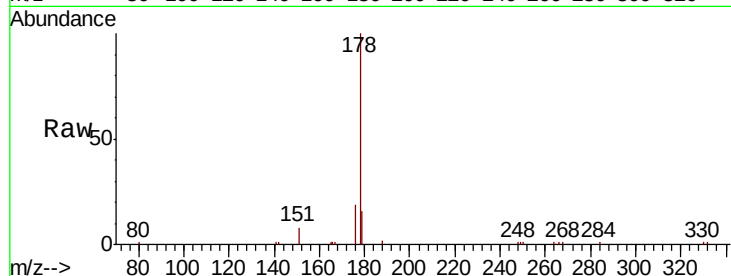
Tot Ion:178 Resp: 11783

Ion Ratio Lower Upper

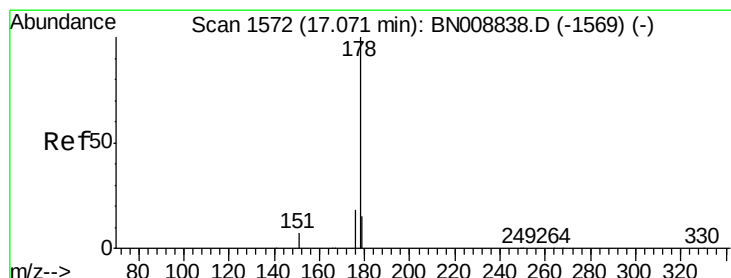
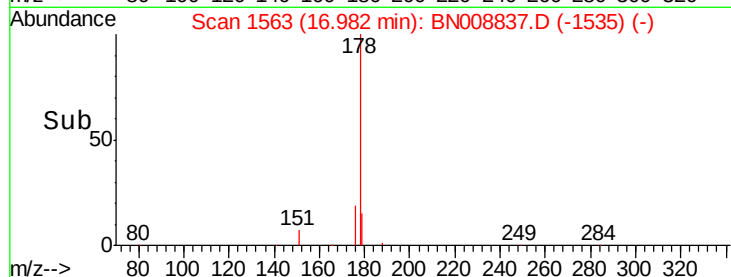
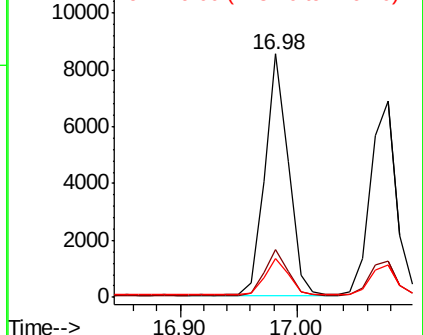
178 100

176 18.8 14.8 22.2

179 15.4 12.2 18.2



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: 0.188 ng

RT: 17.08 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

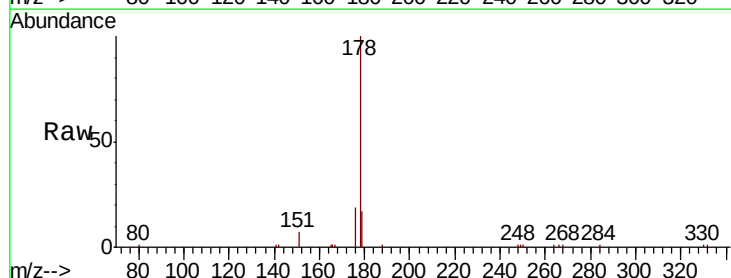
Tgt Ion:178 Resp: 10533

Ion Ratio Lower Upper

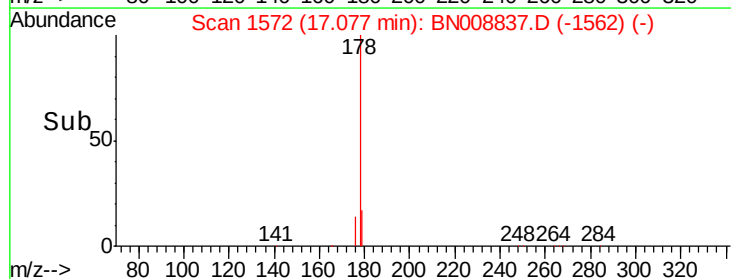
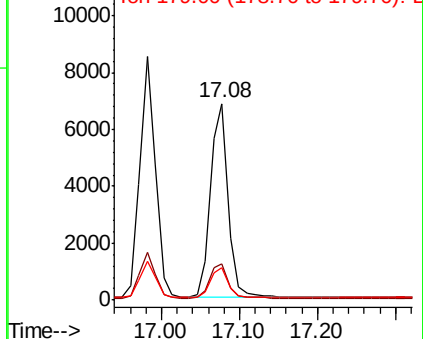
178 100

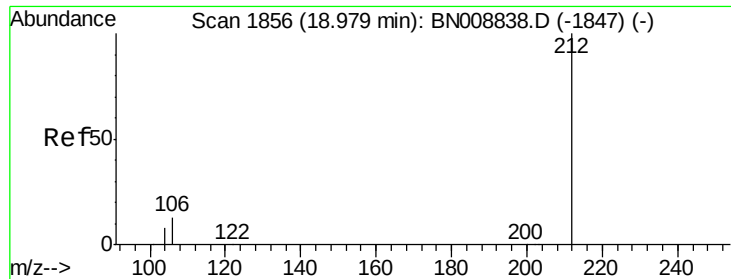
176 18.3 14.3 21.5

179 15.1 12.2 18.2



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: 0.175 ng

RT: 18.98 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

Instrument :

BNA_N

ClientSampleId :

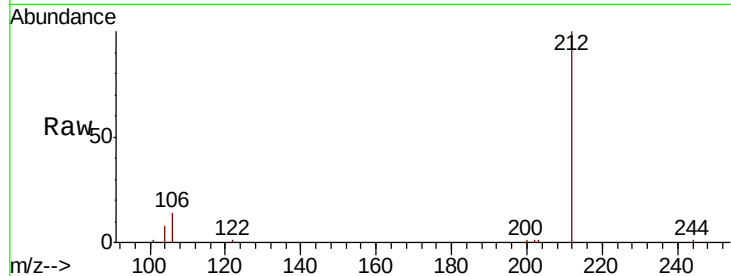
Tot Ion:212 Resp: 11740

Ion Ratio Lower Upper

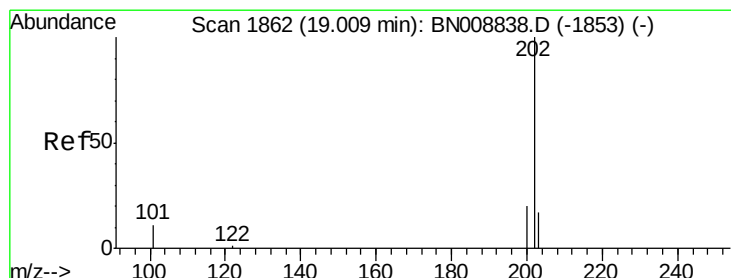
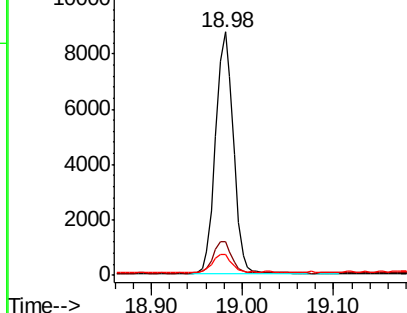
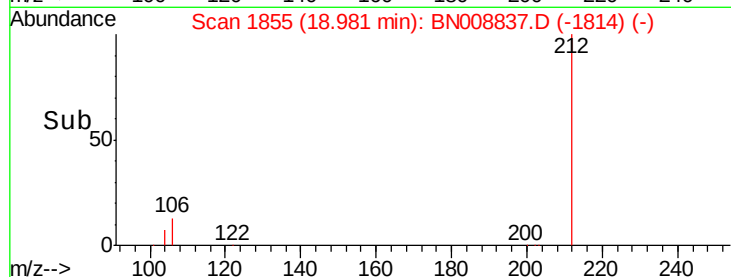
212 100

106 13.5 10.7 16.1

104 7.8 6.1 9.1



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: 0.183 ng

RT: 19.01 min Scan# 1861

Delta R.T. 0.00 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

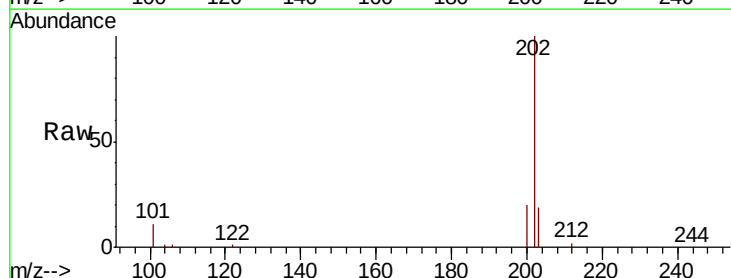
Tgt Ion:202 Resp: 14166

Ion Ratio Lower Upper

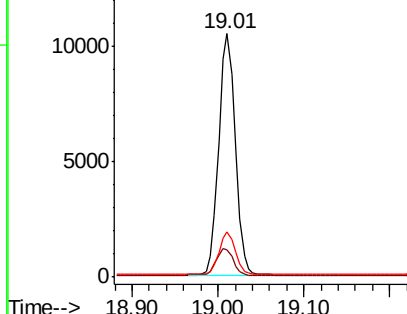
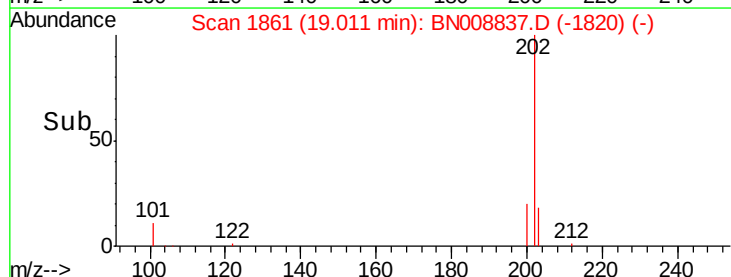
202 100

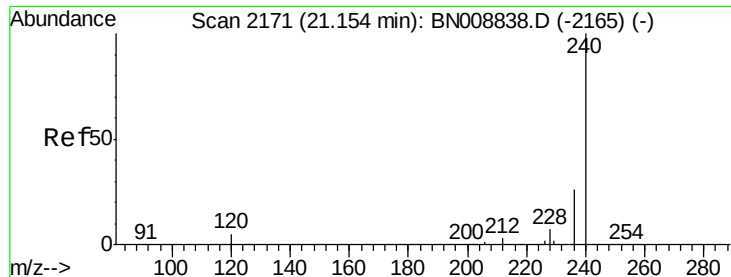
101 11.4 9.3 13.9

203 17.6 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: 21.14 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

Instrument :

BNA_N

ClientSampleId :

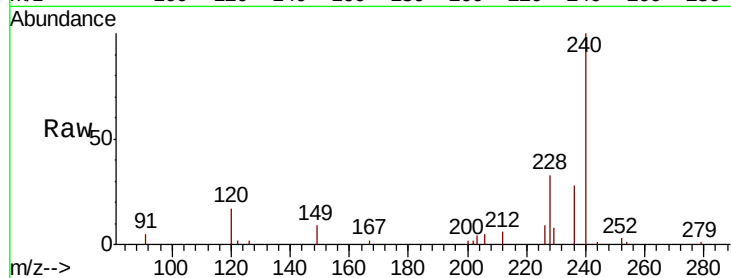
Tot Ion:240 Resp: 21996

Ion Ratio Lower Upper

240 100

120 17.4 6.0 9.0#

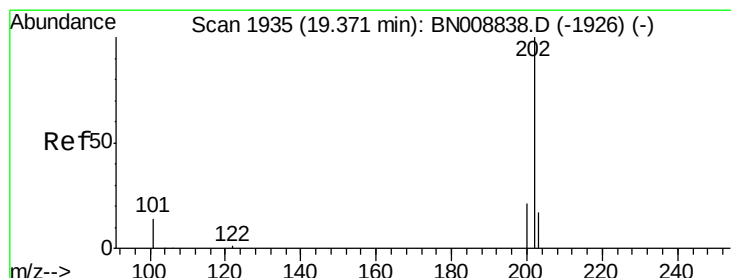
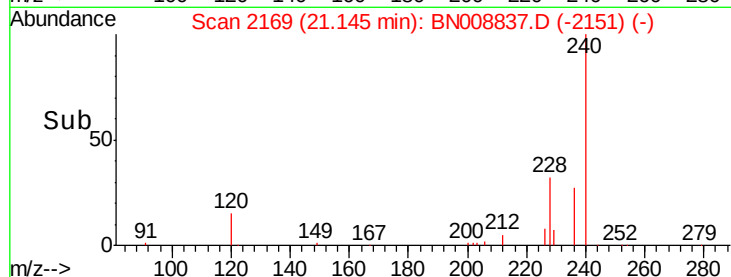
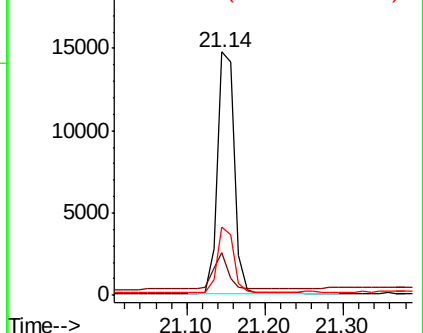
236 28.0 21.4 32.0



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: 0.196 ng

RT: 19.37 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

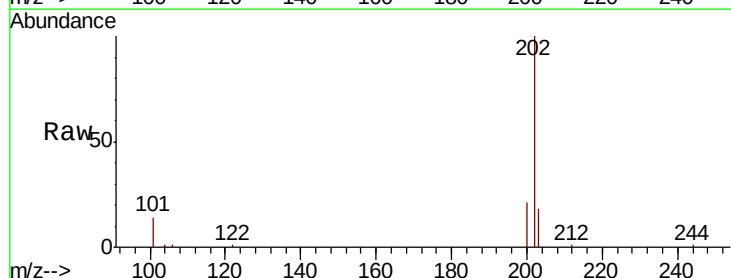
Tgt Ion:202 Resp: 14720

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.2

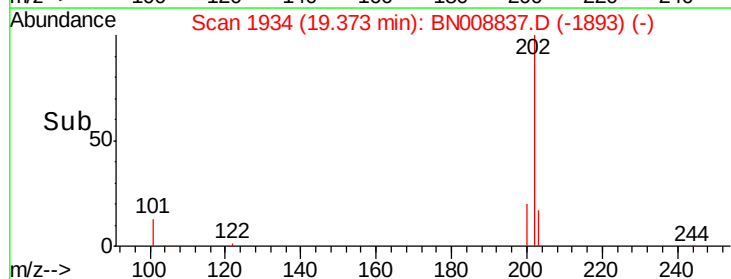
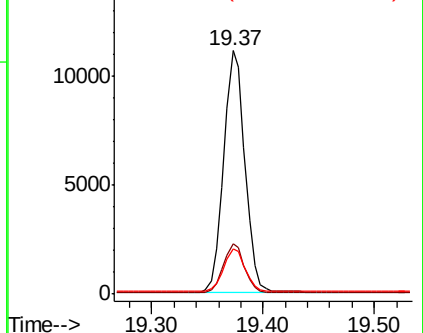
203 18.0 14.2 21.2

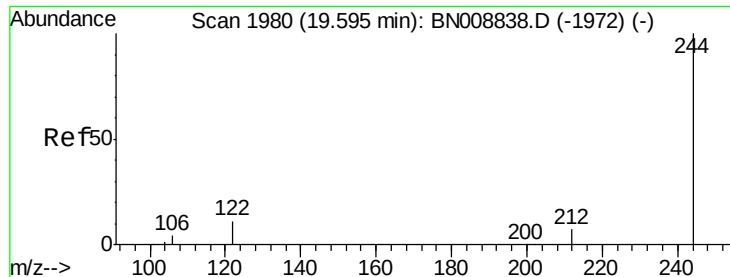


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.180 ng

RT: 19.59 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

Instrument :

BNA_N

ClientSampled :

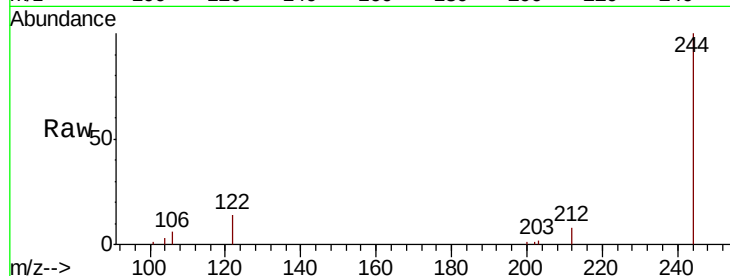
Tot Ion:244 Resp: 9725

Ion Ratio Lower Upper

244 100

212 8.2 6.1 9.1

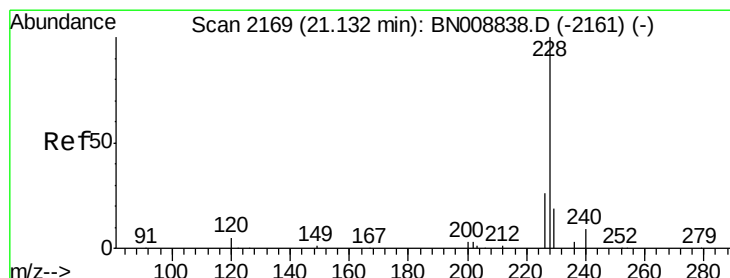
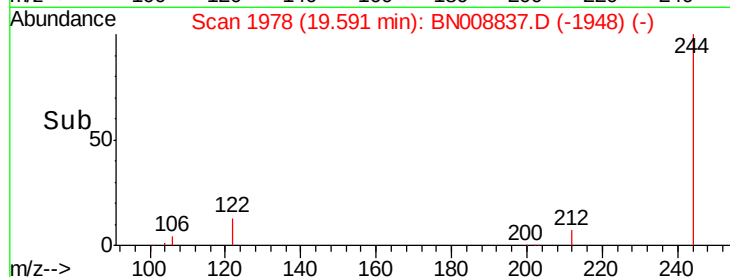
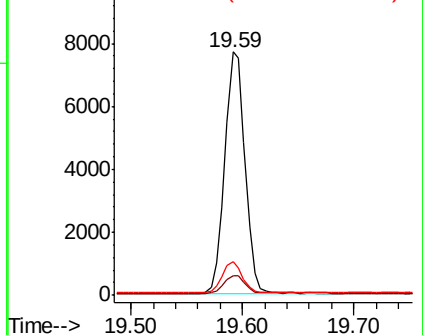
122 13.9 8.9 13.3#



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: 0.190 ng

RT: 21.13 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

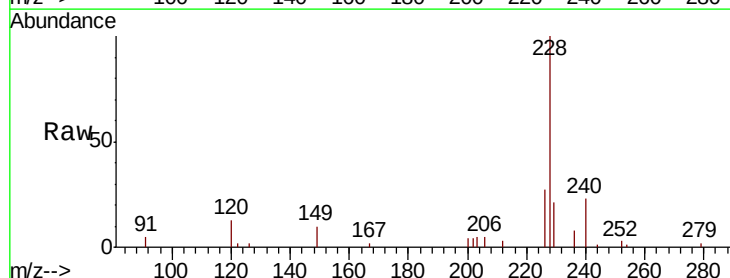
Tgt Ion:228 Resp: 15403

Ion Ratio Lower Upper

228 100

226 27.1 20.8 31.2

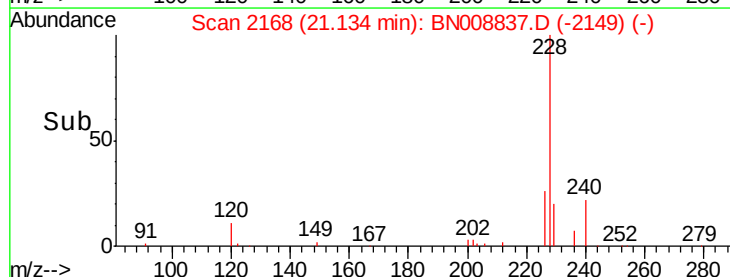
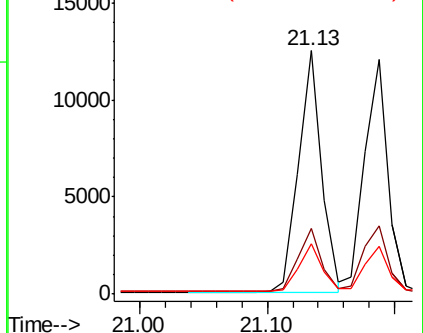
229 20.8 15.9 23.9

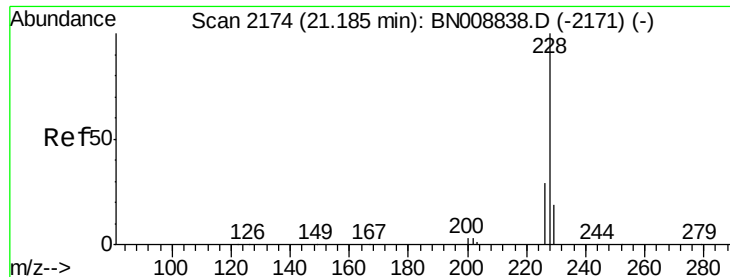


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.193 ng

RT: 21.19 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

Instrument :

BNA_N

ClientSampleId :

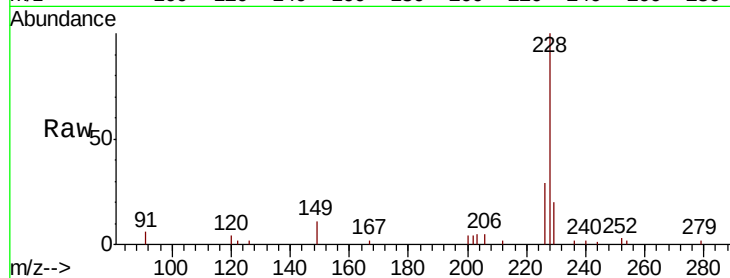
Tot Ion:228 Resp: 15219

Ion Ratio Lower Upper

228 100

226 29.2 23.1 34.7

229 20.5 15.8 23.8

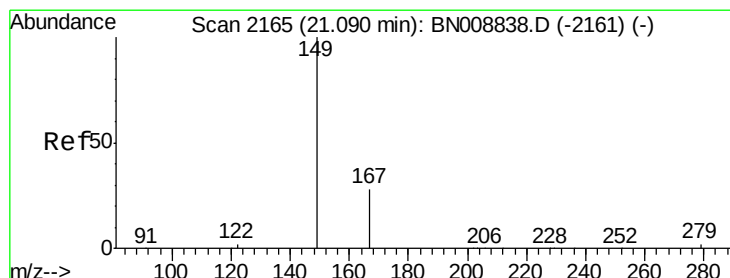
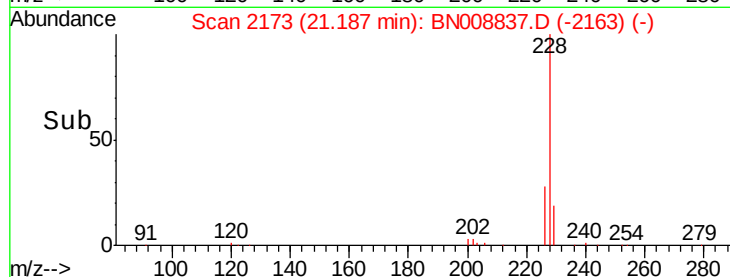
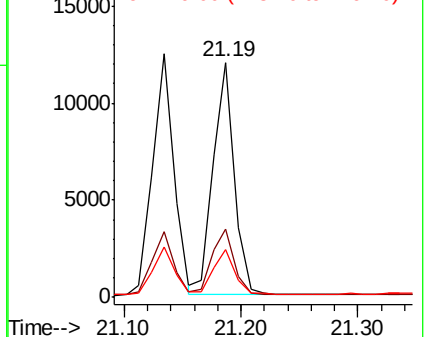


Abundance

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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.263 ng

RT: 21.09 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

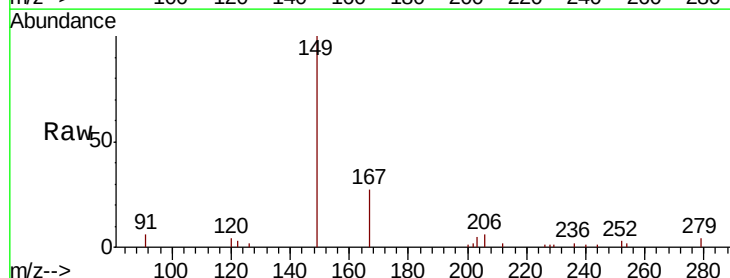
Tgt Ion:149 Resp: 10953

Ion Ratio Lower Upper

149 100

167 27.9 23.1 34.7

279 4.3 3.4 5.2

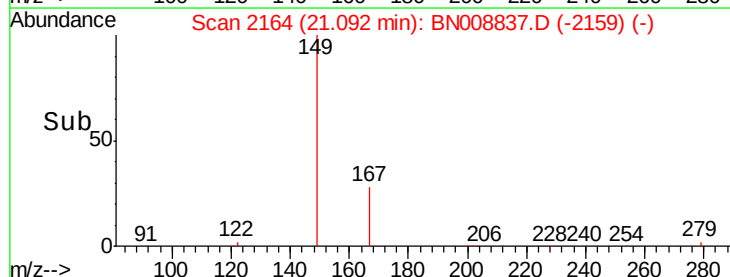
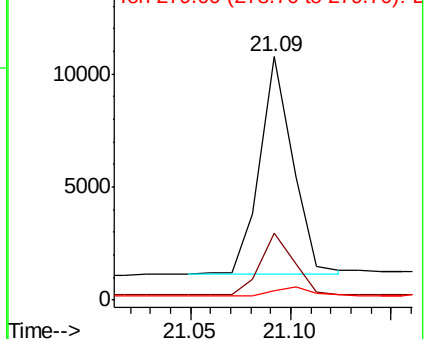


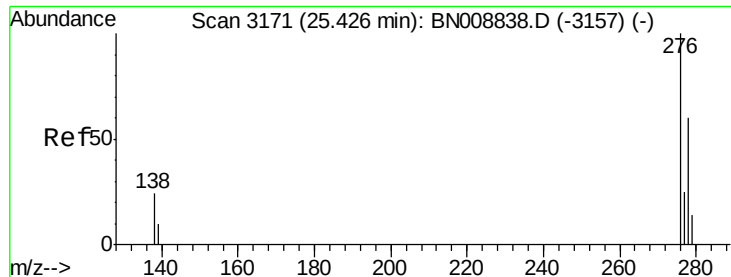
Abundance

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: 0.192 ng

RT: 25.43 min Scan# 3170

Delta R.T. 0.00 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

Instrument :

BNA_N

ClientSampled :

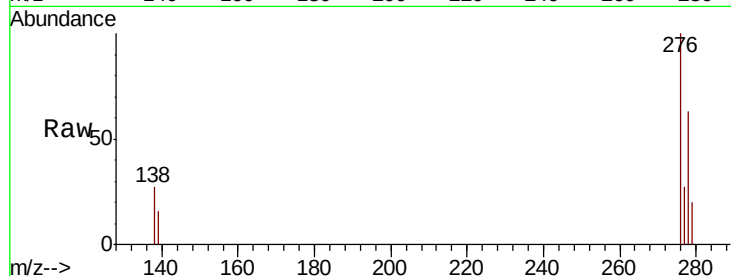
Tot Ion:276 Resp: 18987

Ion Ratio Lower Upper

276 100

138 27.0 20.2 30.2

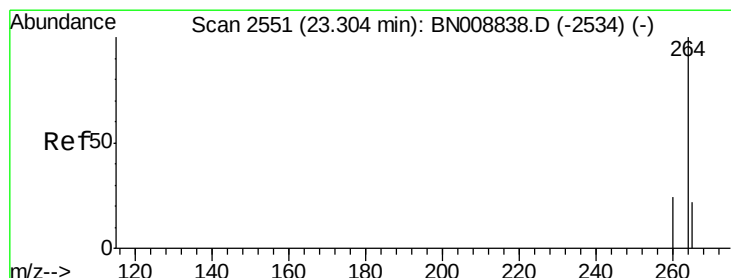
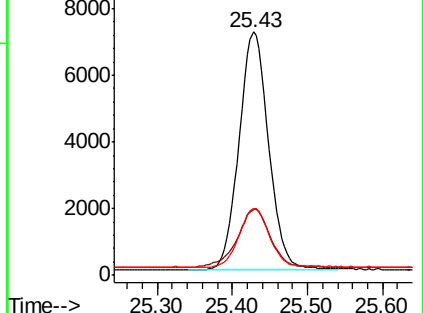
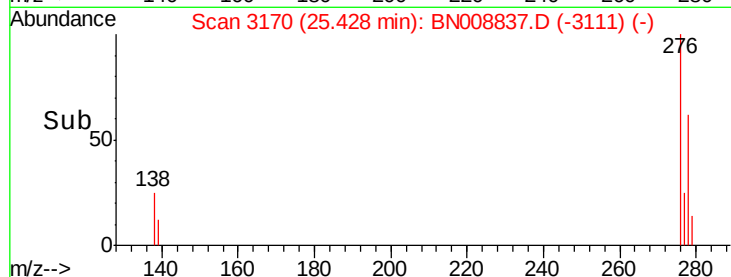
277 24.8 19.8 29.6



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: 23.31 min Scan# 2550

Delta R.T. 0.00 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

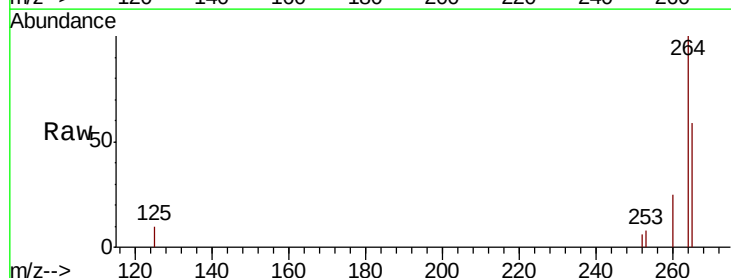
Tgt Ion:264 Resp: 24435

Ion Ratio Lower Upper

264 100

260 24.7 19.9 29.9

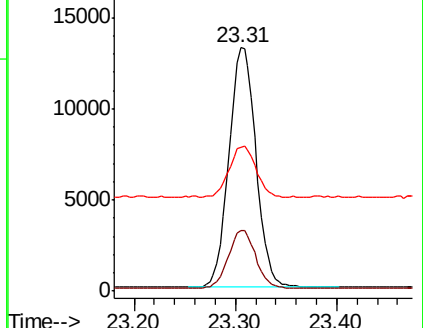
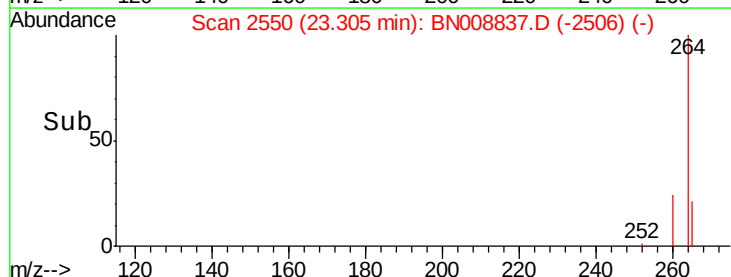
265 59.3 46.8 70.2

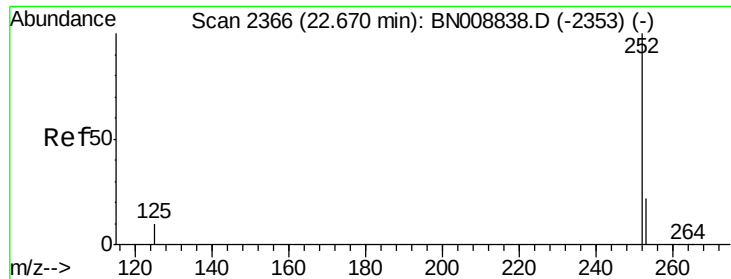


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.187 ng

RT: 22.67 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

Instrument :

BNA_N

ClientSampleId :

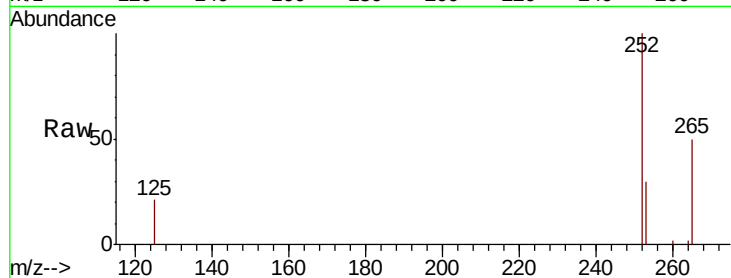
Tot Ion:252 Resp: 15884

Ion Ratio Lower Upper

252 100

253 30.2 20.6 31.0

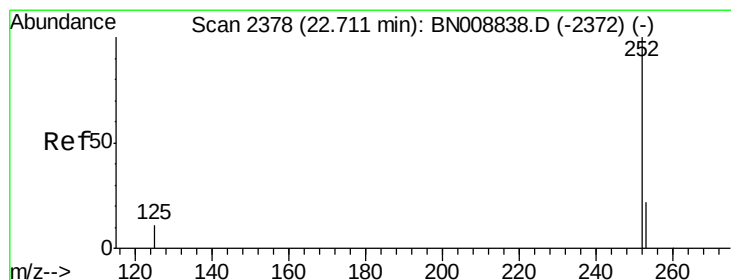
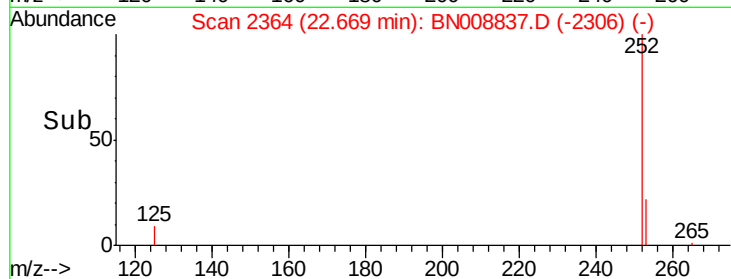
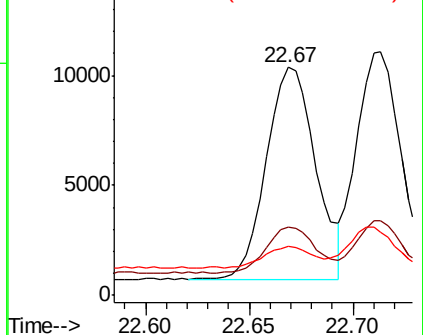
125 21.2 12.3 18.5#



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: 0.185 ng

RT: 22.71 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

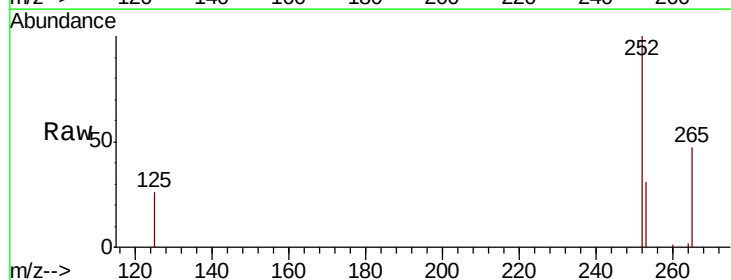
Tgt Ion:252 Resp: 15486

Ion Ratio Lower Upper

252 100

253 30.7 21.0 31.4

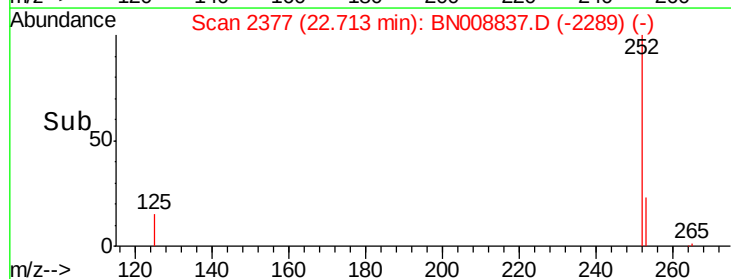
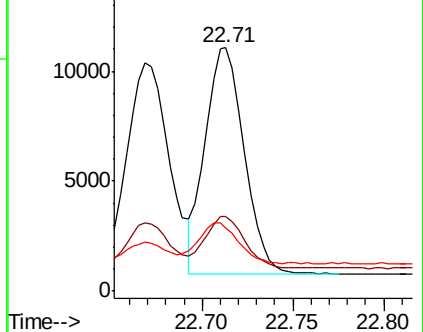
125 25.9 13.5 20.3#

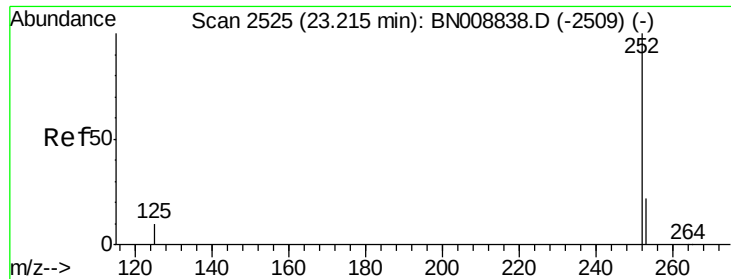


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.188 ng

RT: 23.21 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

Instrument :

BNA_N

ClientSampleId :

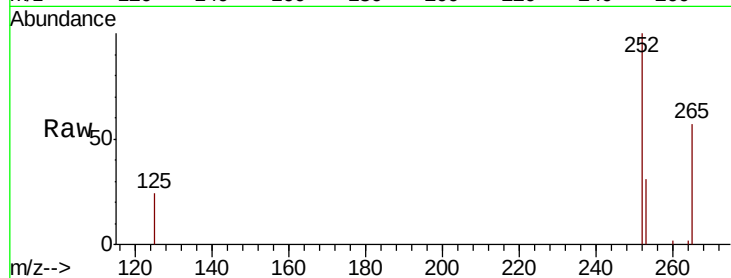
Tot Ion:252 Resp: 14976

Ion Ratio Lower Upper

252 100

253 31.1 21.4 32.2

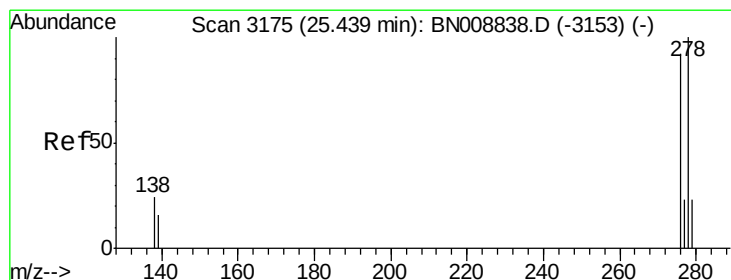
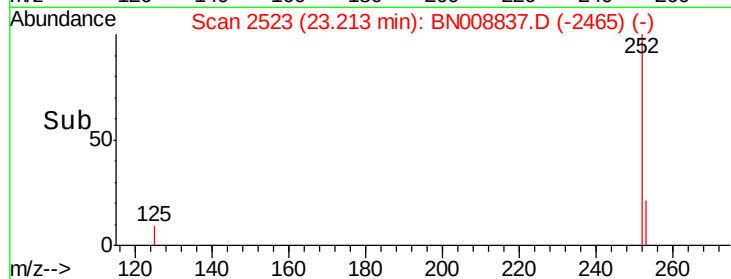
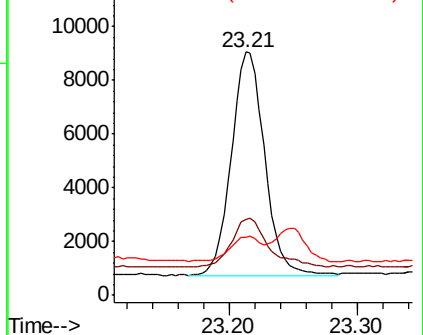
125 23.6 13.7 20.5#



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: 0.188 ng

RT: 25.44 min Scan# 3173

Delta R.T. -0.00 min

Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

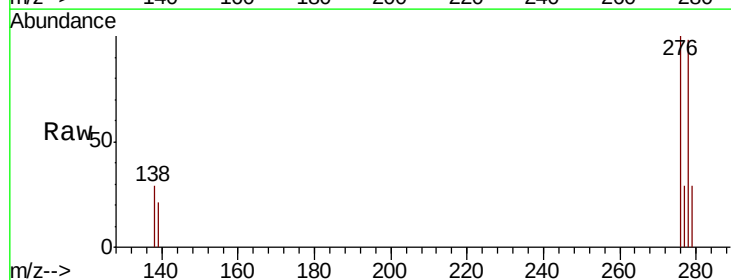
Tgt Ion:278 Resp: 15374

Ion Ratio Lower Upper

278 100

139 21.8 15.3 22.9

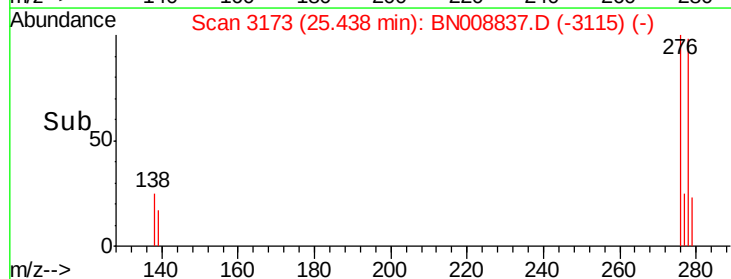
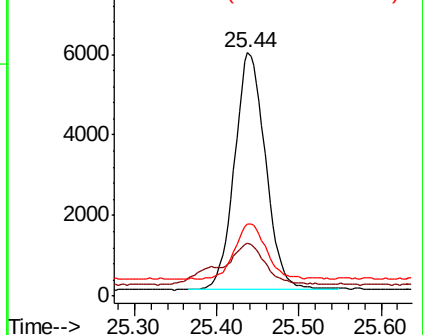
279 29.4 21.2 31.8

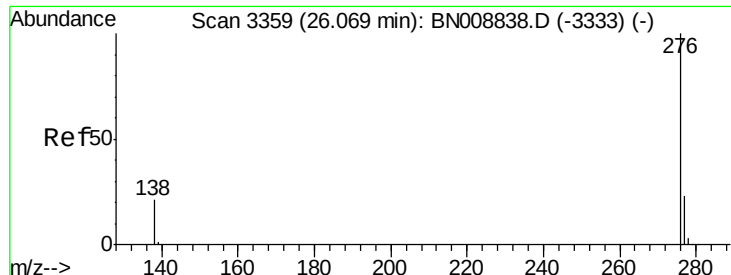


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.192 ng

RT: 26.07 min Scan# 3359

Delta R.T. 0.01 min

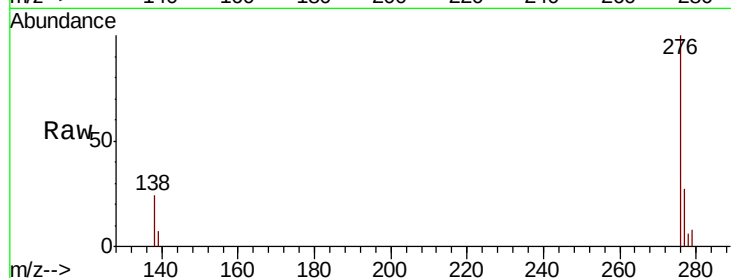
Lab File: BN008837.D

Acq: 04 Dec 2019 11:55

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 15458

Ion Ratio Lower Upper

276 100

277 27.3 20.1 30.1

138 24.4 18.6 27.8

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

