

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120419\
 Data File : BN008838.D
 Acq On : 04 Dec 2019 12:31
 Operator : JU
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 04 14:11:32 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	3060	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	13035	0.40	ng	0.00
13) Acenaphthene-d10	14.19	164	9224	0.40	ng	0.00
19) Phenanthrene-d10	16.94	188	20565	0.40	ng	0.00
27) Chrysene-d12	21.15	240	22084	0.40	ng	0.00
34) Perylene-d12	23.30	264	24705	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	3289	0.31	ng	0.00
5) Phenol-d6	6.76	99	4364	0.29	ng	0.00
8) Nitrobenzene-d5	8.71	82	4337	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.92	152	8305	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.70	330	1844	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.81	172	13169	0.35	ng	0.00
25) Fluoranthene-d10	18.98	212	23677	0.34	ng	0.00
29) Terphenyl-d14	19.59	244	19609	0.36	ng	0.00

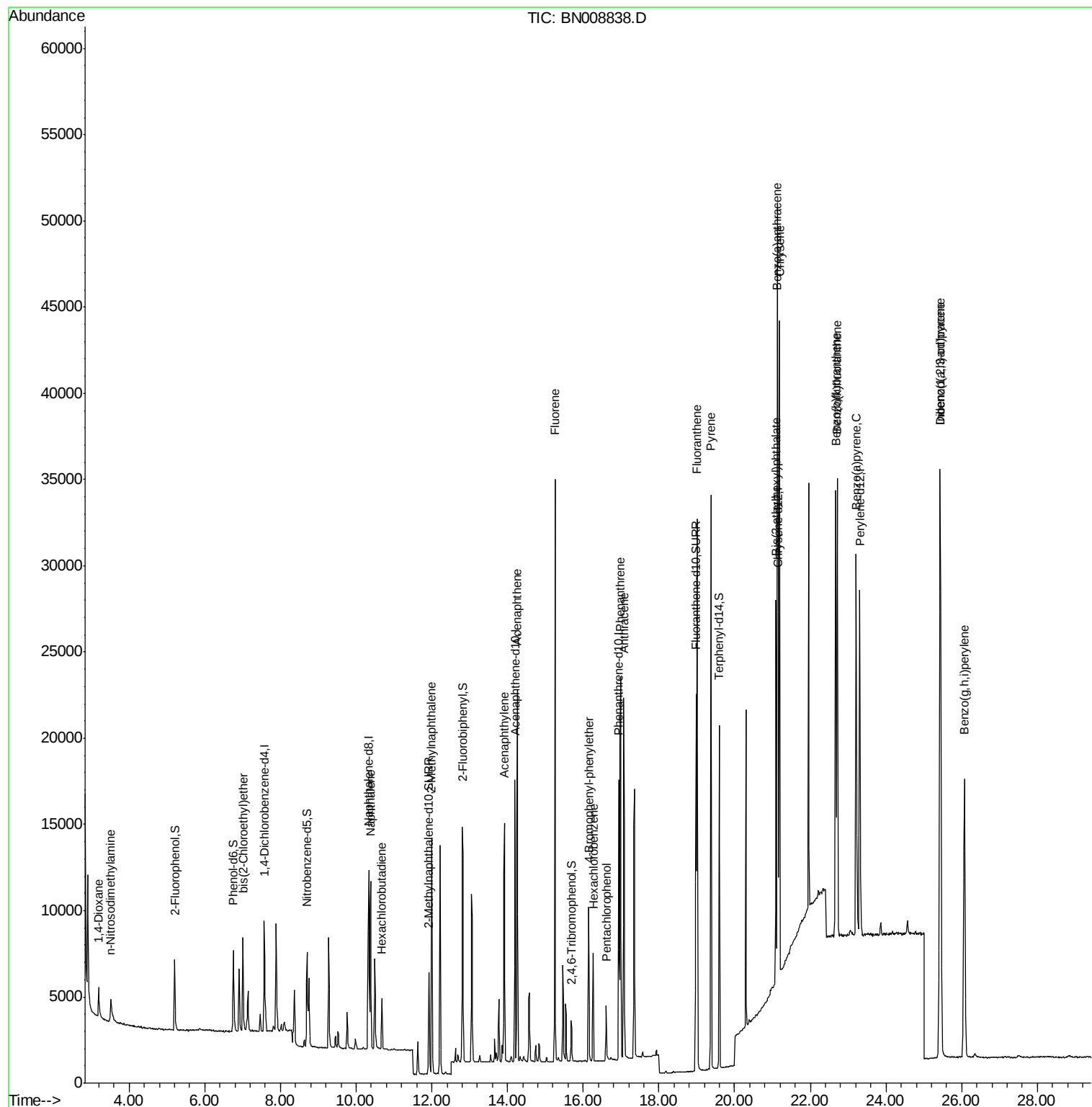
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.20	88	1163	0.341	ng	# 100
3) n-Nitrosodimethylamine	3.51	42	1443	0.924	ng	# 100
6) bis(2-Chloroethyl)ether	7.01	93	3981	0.459	ng	100
9) Naphthalene	10.38	128	13449	0.368	ng	100
10) Hexachlorobutadiene	10.67	225	2665	0.346	ng	# 100
12) 2-Methylnaphthalene	12.00	142	9834	0.398	ng	100
16) Acenaphthylene	13.91	152	15827	0.324	ng	100
17) Acenaphthene	14.26	154	10299	0.327	ng	100
18) Fluorene	15.25	166	13733	0.340	ng	100
20) 4-Bromophenyl-phenylether	16.15	248	4493	0.360	ng	100
21) Hexachlorobenzene	16.26	284	5348	0.392	ng	100
22) Pentachlorophenol	16.60	266	1841	0.366	ng	100
23) Phenanthrene	16.99	178	23913	0.373	ng	100
24) Anthracene	17.07	178	21368	0.369	ng	100
26) Fluoranthene	19.01	202	28776	0.361	ng	100
28) Pyrene	19.37	202	29689	0.394	ng	100
30) Benzo(a)anthracene	21.13	228	30614	0.376	ng	100
31) Chrysene	21.19	228	30525	0.385	ng	100
32) Bis(2-ethylhexyl)phthalate	21.09	149	18623	0.445	ng	100
33) Indeno(1,2,3-cd)pyrene	25.43	276	37374	0.377	ng	100
35) Benzo(b)fluoranthene	22.67	252	31369	0.366	ng	100
36) Benzo(k)fluoranthene	22.71	252	30395	0.358	ng	100
37) Benzo(a)pyrene	23.21	252	29155	0.362	ng	100
38) Dibenzo(a,h)anthracene	25.44	278	30354	0.368	ng	100
39) Benzo(g,h,i)perylene	26.07	276	30699	0.376	ng	100

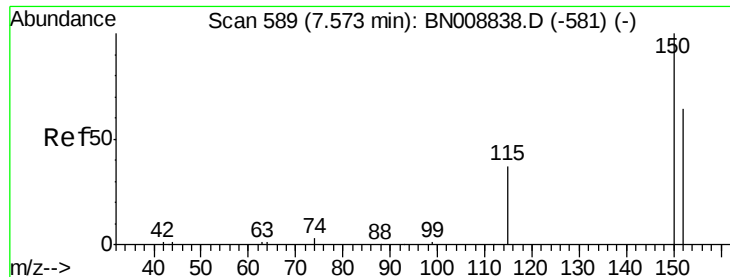
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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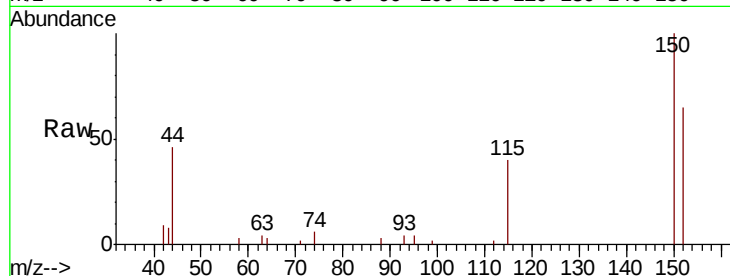


#1

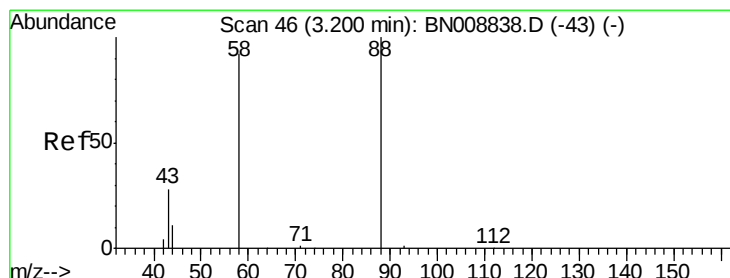
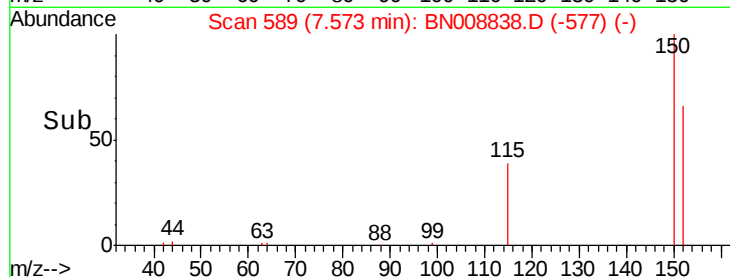
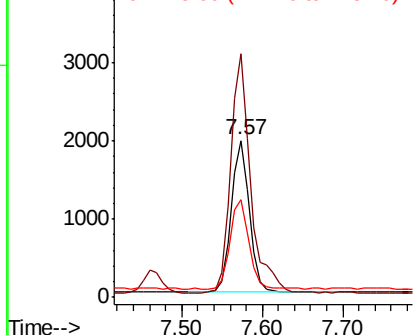
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 589
Delta R.T. 0.00 min
Lab File: BN008838.D
Acq: 04 Dec 2019 12:31

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3060
Ion Ratio Lower Upper
152 100
150 154.9 123.9 185.9
115 62.4 49.9 74.9



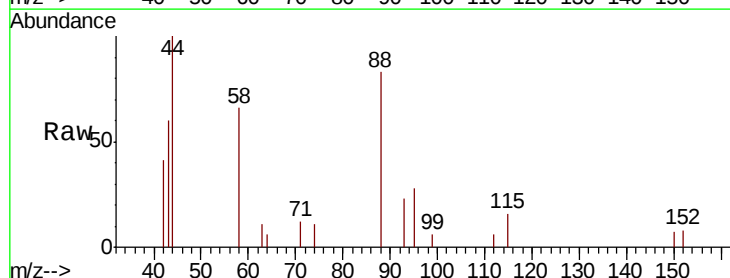
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



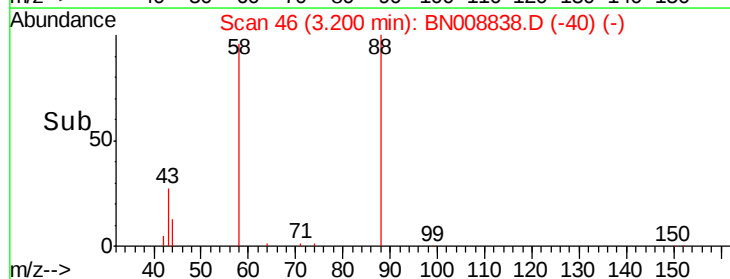
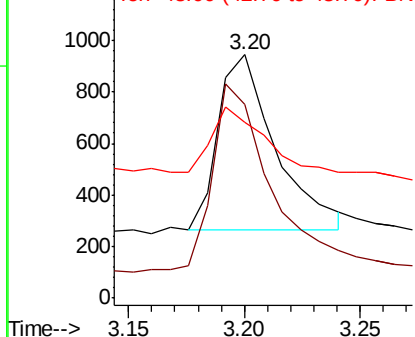
#2

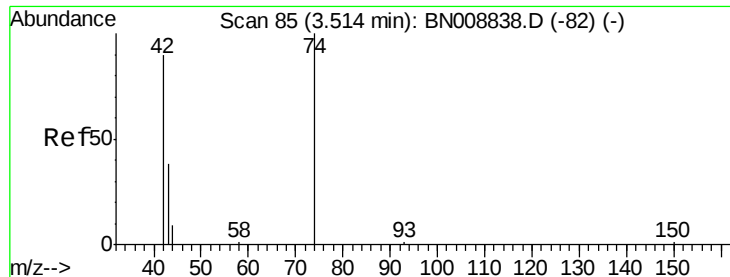
1,4-Dioxane
Concen: 0.341 ng
RT: 3.20 min Scan# 46
Delta R.T. 0.00 min
Lab File: BN008838.D
Acq: 04 Dec 2019 12:31

Tgt Ion: 88 Resp: 1163
Ion Ratio Lower Upper
88 100
58 107.1 0.0 0.0#
43 34.0 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: 0.924 ng

RT: 3.51 min Scan# 85

Delta R.T. 0.00 min

Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

Instrument :

BNA_N

ClientSampleId :

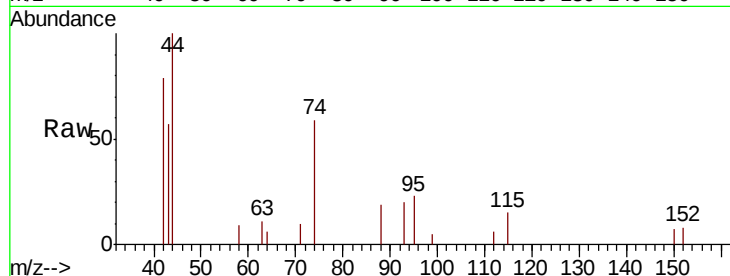
Tot Ion: 42 Resp: 1443

Ion Ratio Lower Upper

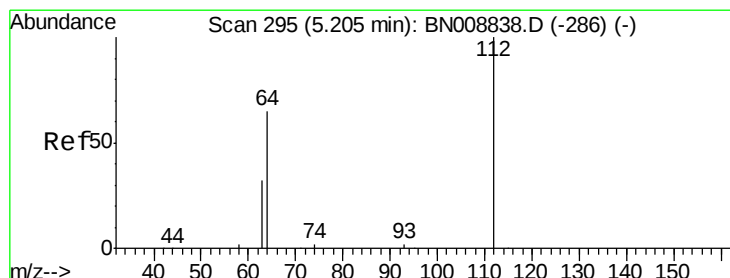
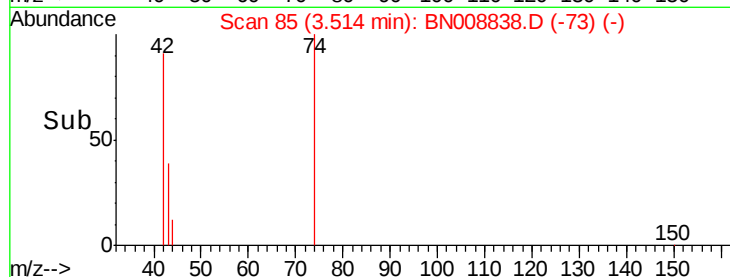
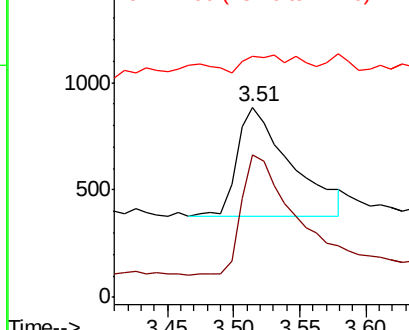
42 100

74 108.2 0.0 0.0#

44 16.0 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: 0.312 ng

RT: 5.21 min Scan# 295

Delta R.T. 0.00 min

Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

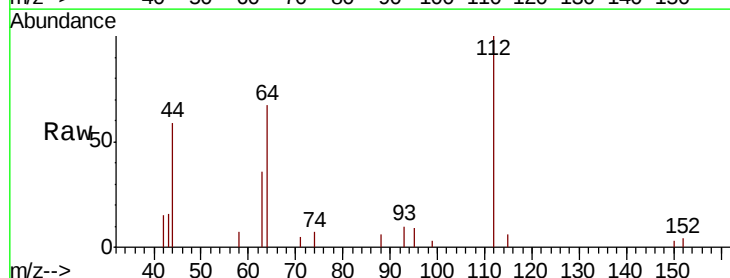
Tgt Ion: 112 Resp: 3289

Ion Ratio Lower Upper

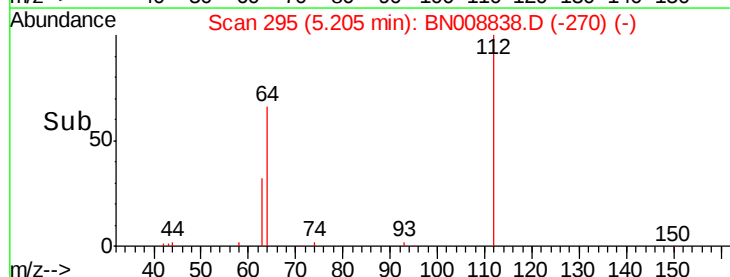
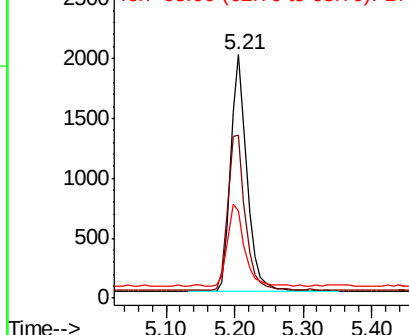
112 100

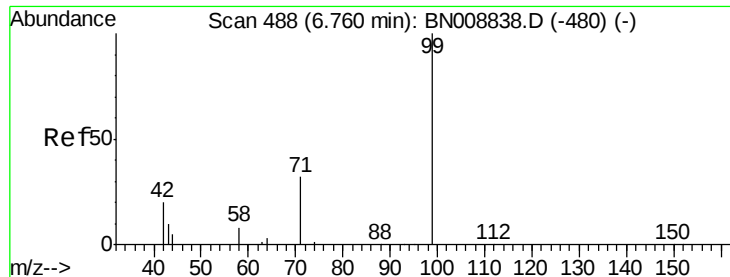
64 70.4 56.3 84.5

63 35.2 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: 0.291 ng

RT: 6.76 min Scan# 488

Delta R.T. 0.00 min

Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

Instrument :

BNA_N

ClientSampleId :

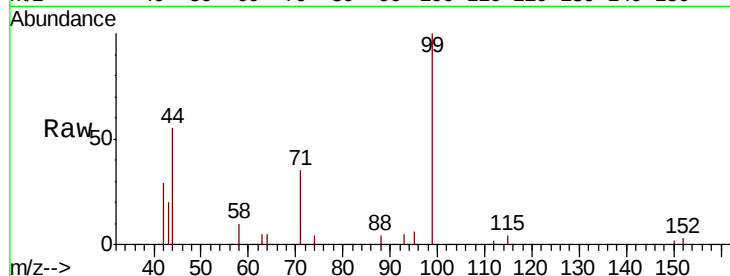
Tot Ion: 99 Resp: 4364

Ion Ratio Lower Upper

99 100

42 22.6 18.1 27.1

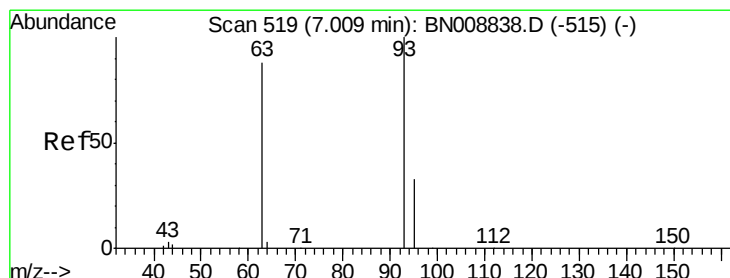
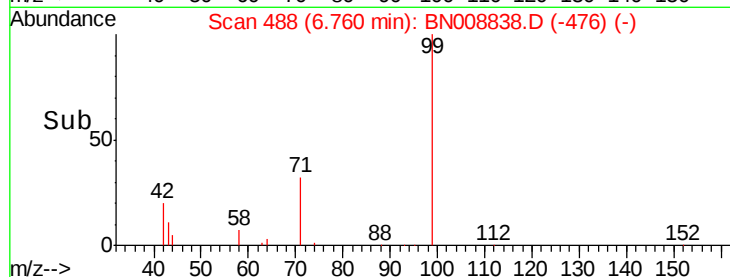
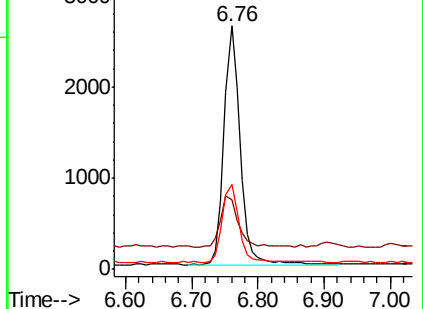
71 33.3 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN008838.D (-480) (-)

Ion 42.00 (41.70 to 42.70): BN008838.D (-480) (-)

Ion 71.00 (70.70 to 71.70): BN008838.D (-480) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.459 ng

RT: 7.01 min Scan# 519

Delta R.T. 0.00 min

Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

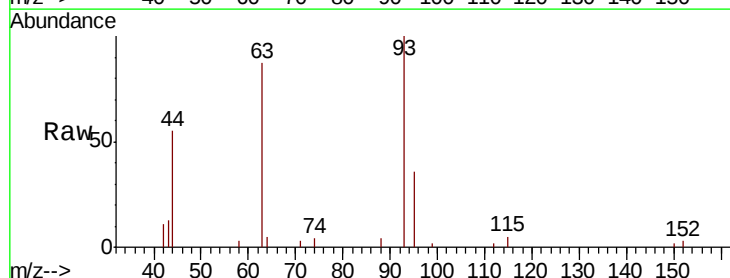
Tgt Ion: 93 Resp: 3981

Ion Ratio Lower Upper

93 100

63 89.8 72.1 108.1

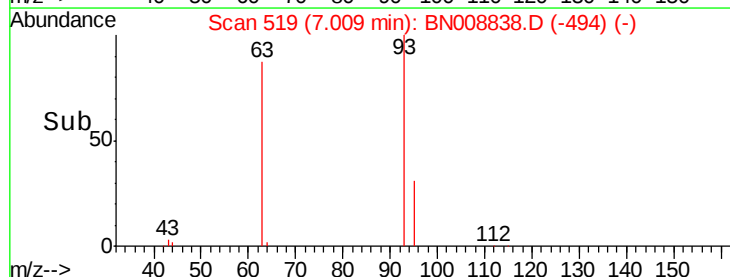
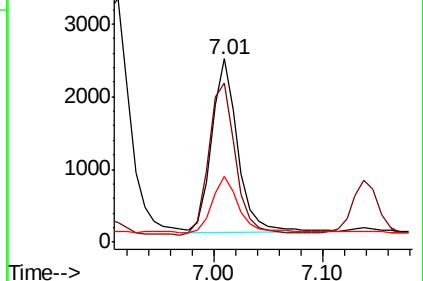
95 32.1 25.7 38.5

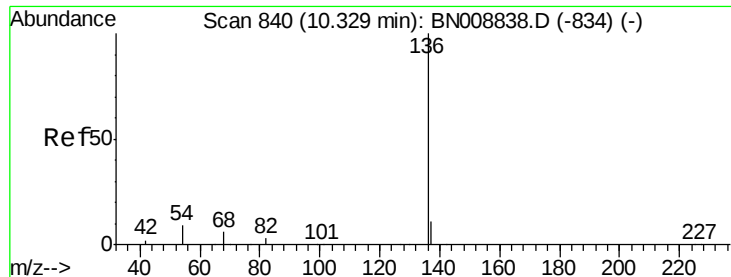


Abundance Ion 93.00 (92.70 to 93.70): BN008838.D (-515) (-)

Ion 63.00 (62.70 to 63.70): BN008838.D (-515) (-)

Ion 95.00 (94.70 to 95.70): BN008838.D (-515) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 13035

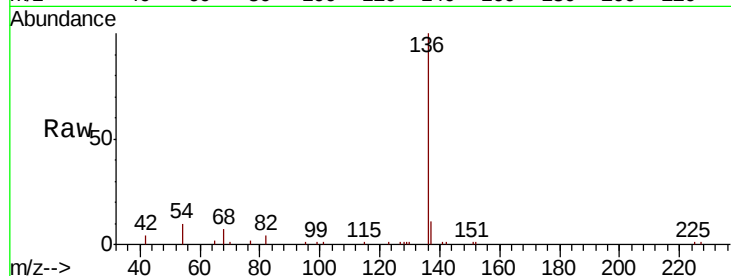
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 10.2 8.2 12.2

68 6.8 5.4 8.2

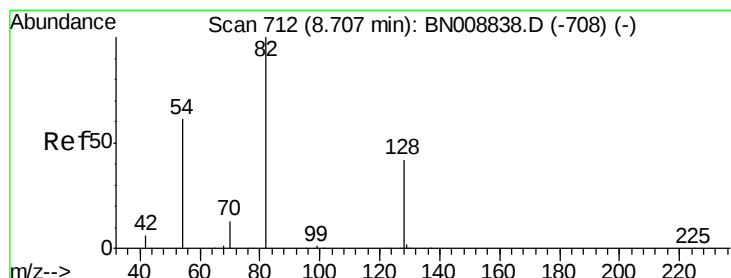
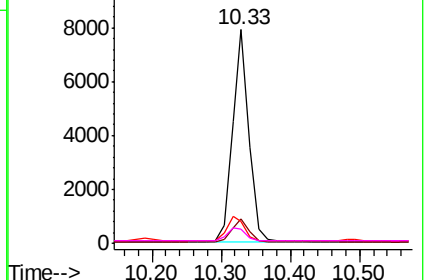
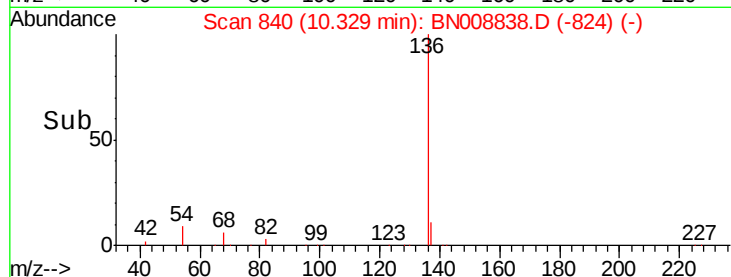


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.380 ng

RT: 8.71 min Scan# 712

Delta R.T. 0.00 min

Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

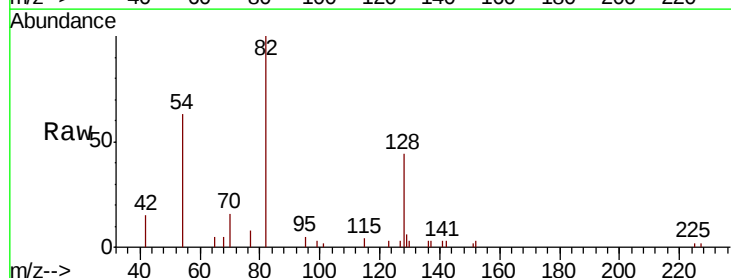
Tgt Ion: 82 Resp: 4337

Ion Ratio Lower Upper

82 100

128 43.8 35.0 52.6

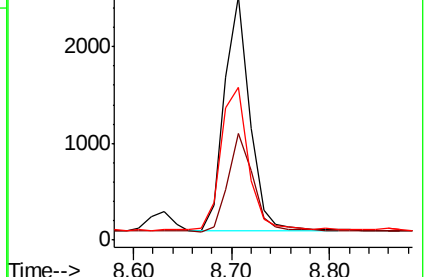
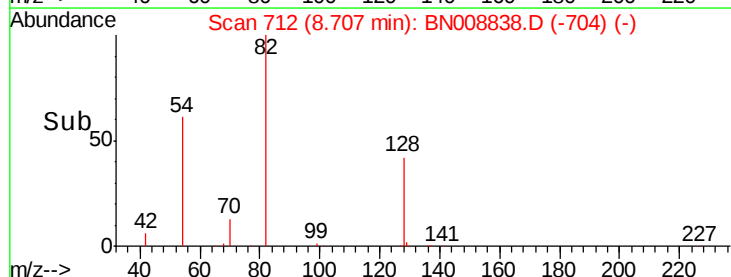
54 62.7 50.2 75.2

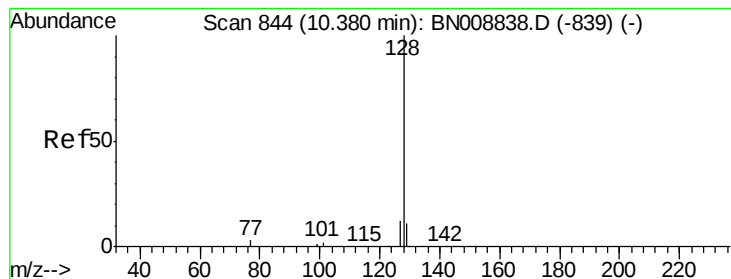


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.368 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

Instrument :

BNA_N

ClientSampleId :

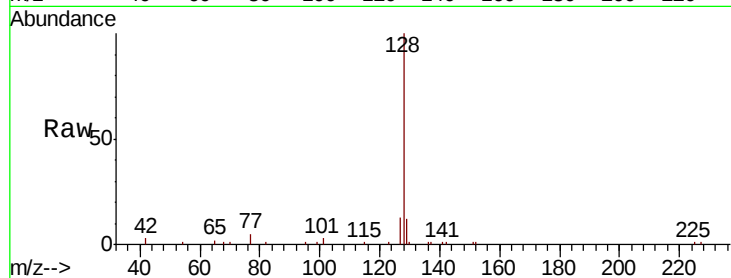
Tot Ion:128 Resp: 13449

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

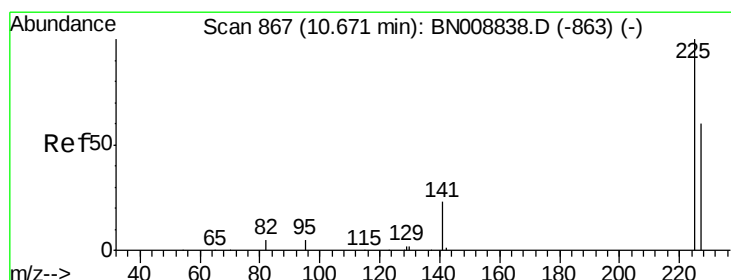
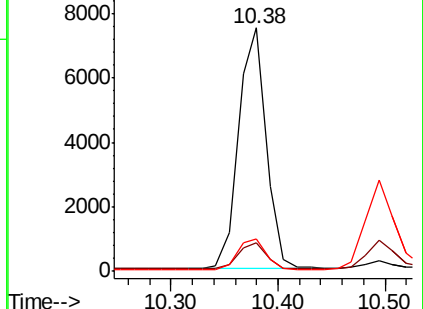
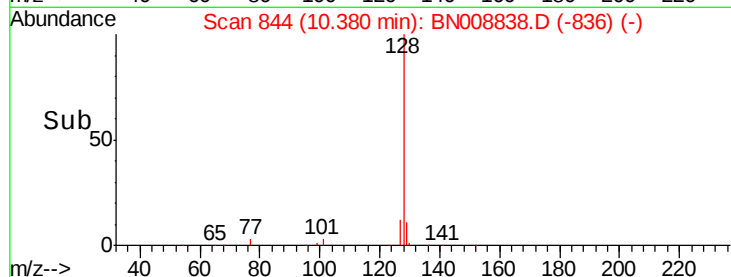
127 13.1 10.5 15.7



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: 0.346 ng

RT: 10.67 min Scan# 867

Delta R.T. 0.00 min

Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

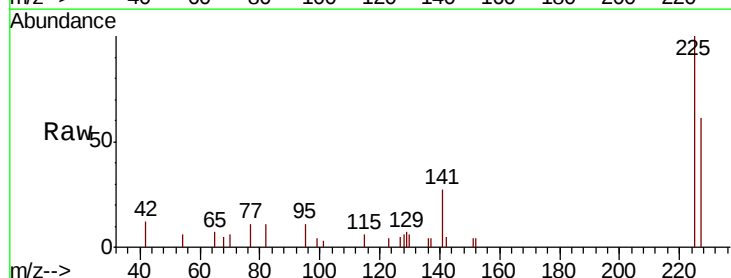
Tgt Ion:225 Resp: 2665

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

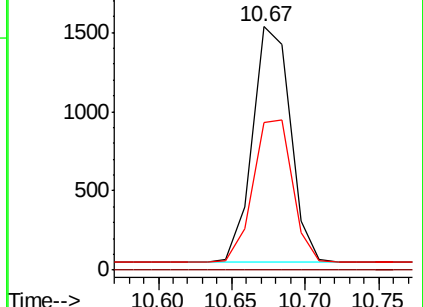
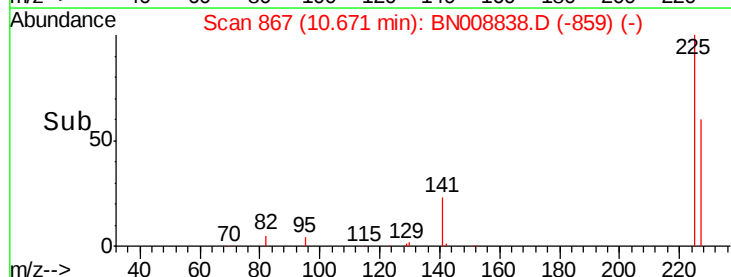
227 63.6 50.9 76.3

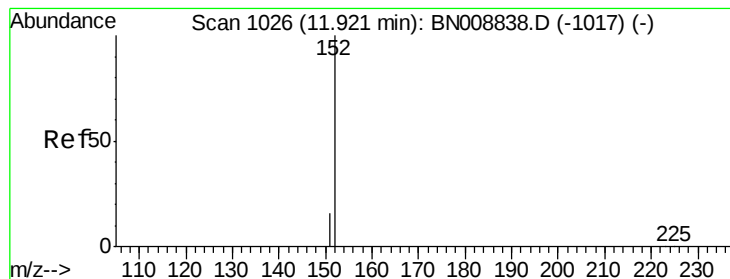


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.378 ng

RT: 11.92 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

Instrument :

BNA_N

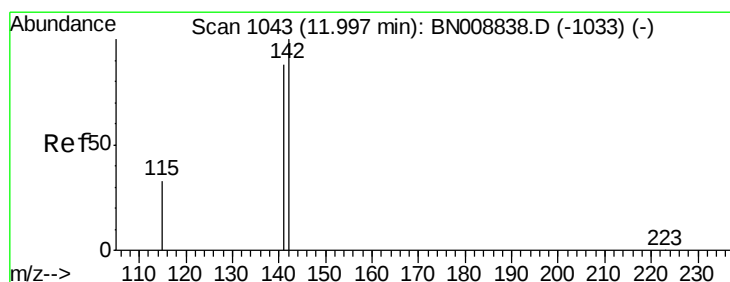
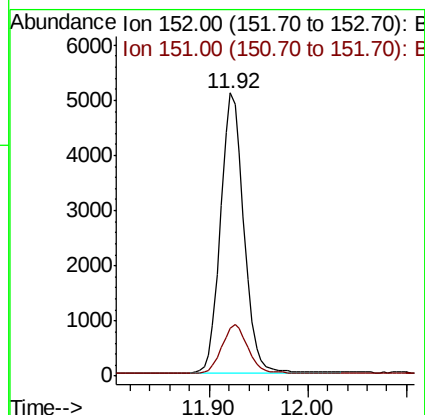
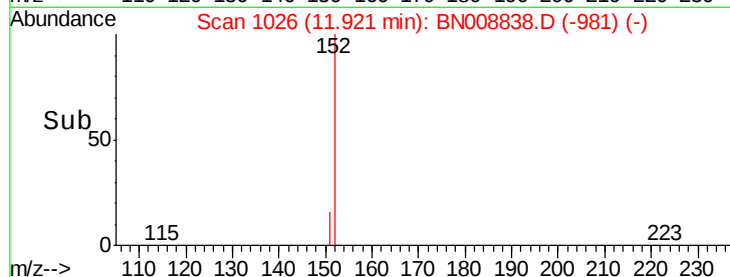
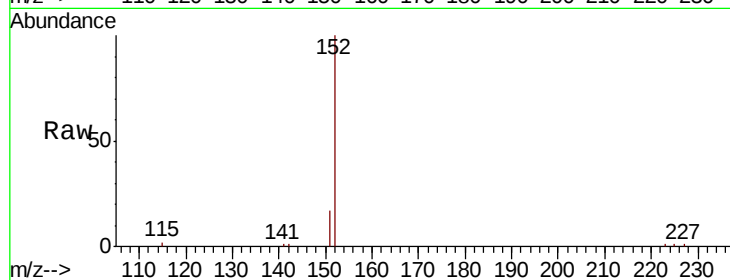
ClientSampleId :

Tot Ion:152 Resp: 8305

Ion Ratio Lower Upper

152 100

151 19.0 15.2 22.8



#12

2-Methylnaphthalene

Concen: 0.398 ng

RT: 12.00 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

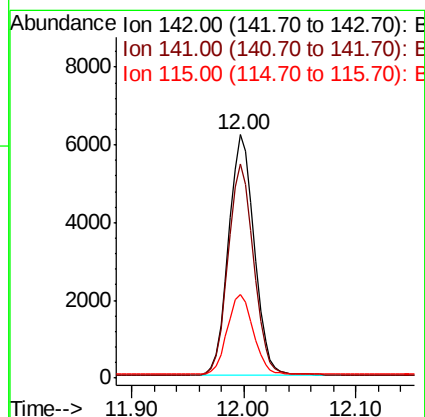
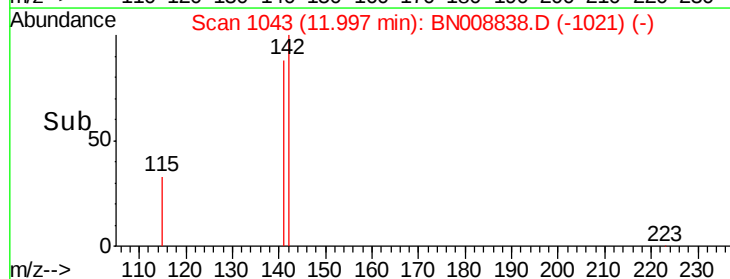
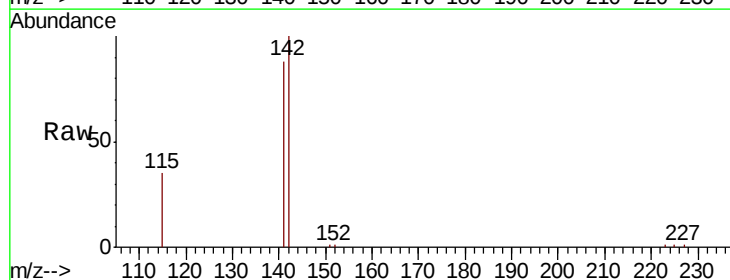
Tgt Ion:142 Resp: 9834

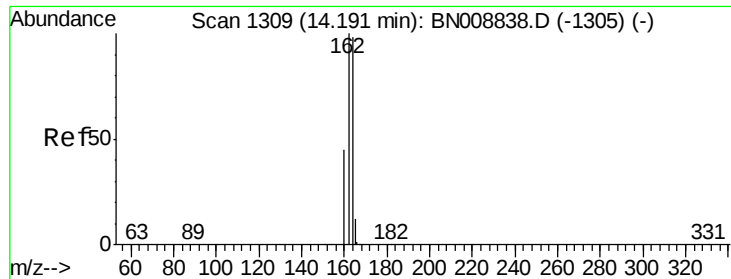
Ion Ratio Lower Upper

142 100

141 87.8 70.2 105.4

115 34.5 27.6 41.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.19 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

Instrument :

BNA_N

ClientSampleId :

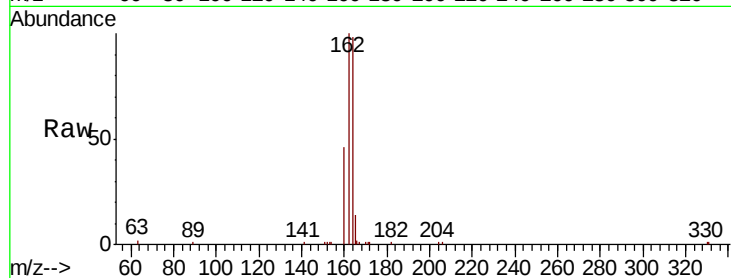
Tot Ion:164 Resp: 9224

Ion Ratio Lower Upper

164 100

162 102.4 81.9 122.9

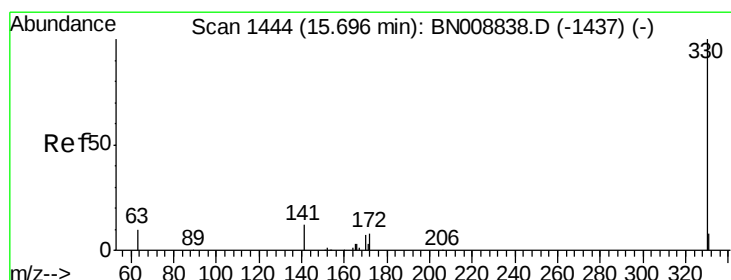
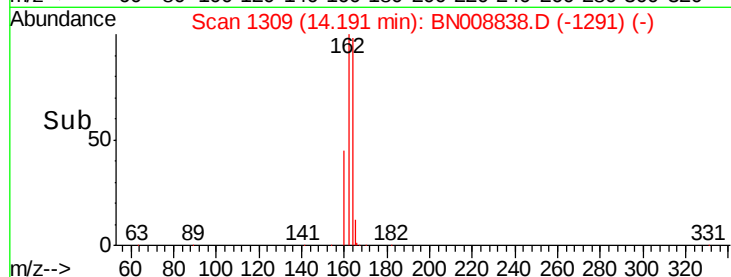
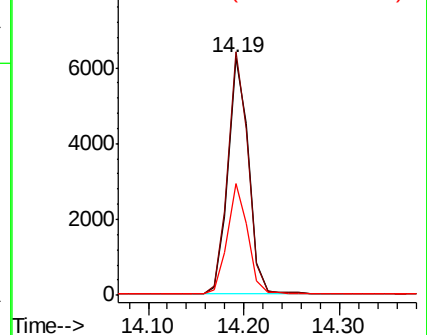
160 46.8 37.4 56.2



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: 0.367 ng

RT: 15.70 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

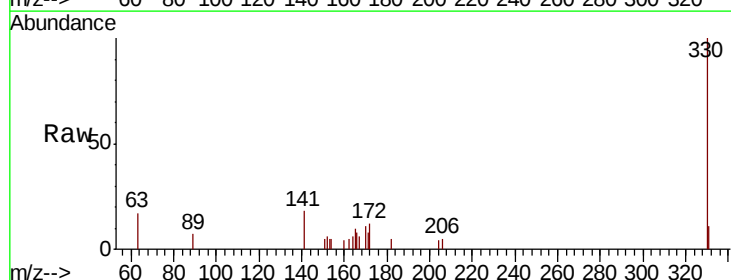
Tgt Ion:330 Resp: 1844

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

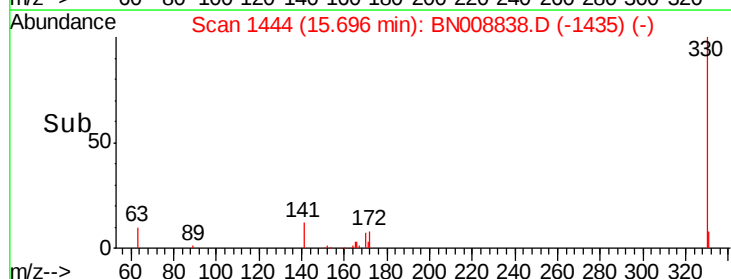
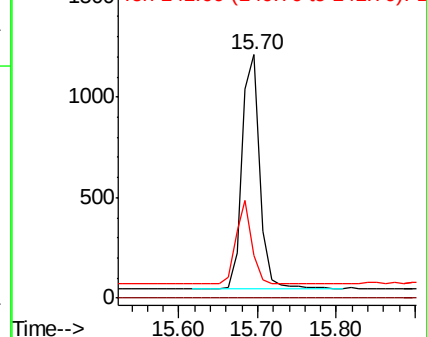
141 32.8 26.2 39.4

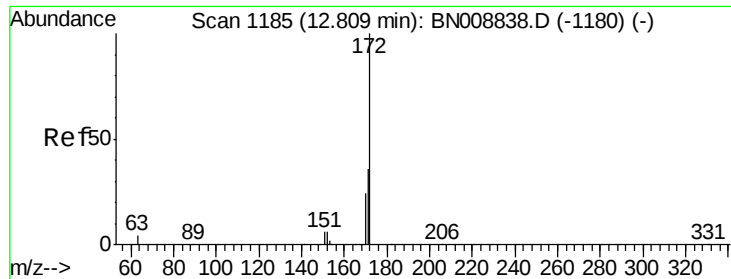


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

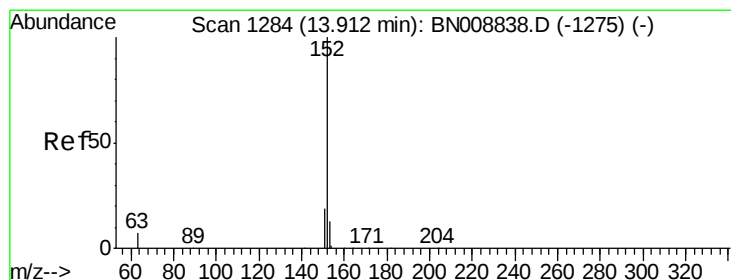
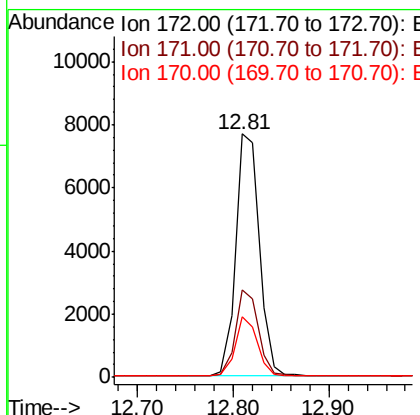
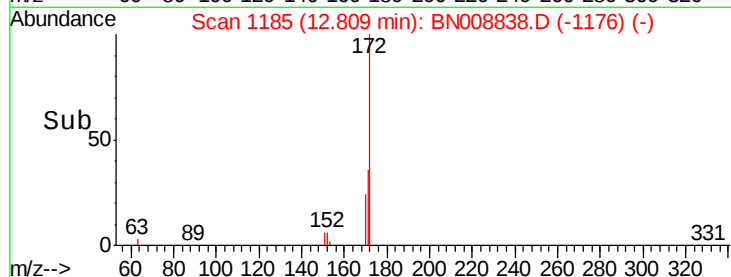
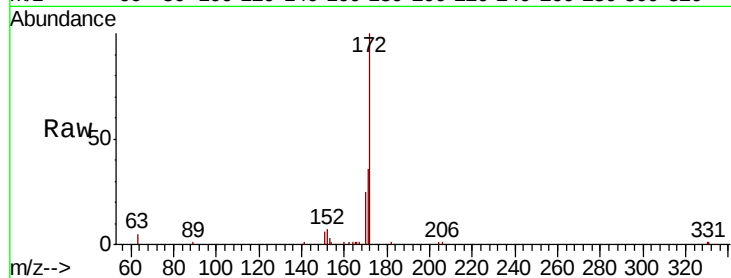




#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 12.81 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BN008838.D
Acq: 04 Dec 2019 12:31

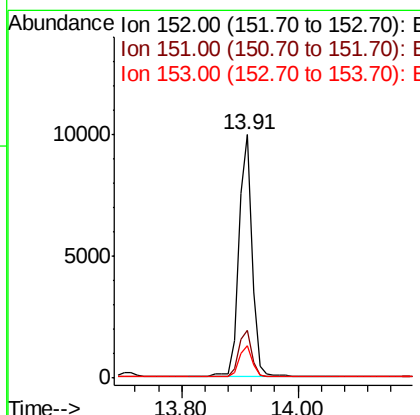
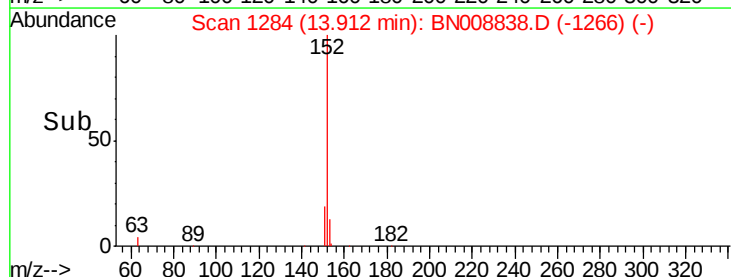
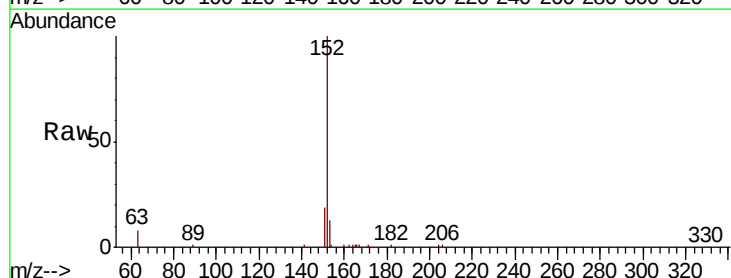
Instrument :
BNA_N
ClientSampleId :

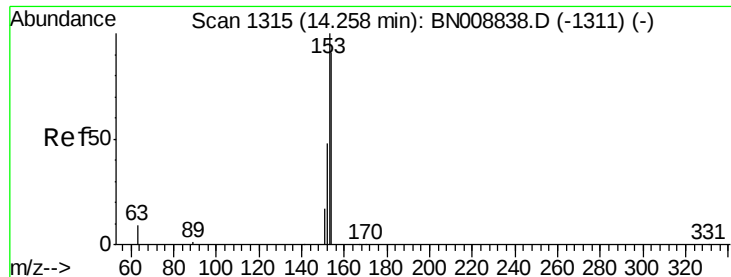
Tot Ion:172 Resp: 13169
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 24.6 19.7 29.5



#16
Acenaphthylene
Concen: 0.324 ng
RT: 13.91 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BN008838.D
Acq: 04 Dec 2019 12:31

Tgt Ion:152 Resp: 15827
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.2
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 0.327 ng

RT: 14.26 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

Instrument :

BNA_N

ClientSampled :

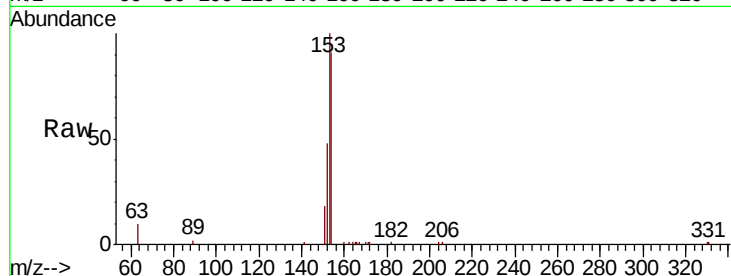
Tot Ion:154 Resp: 10299

Ion Ratio Lower Upper

154 100

153 111.8 89.4 134.2

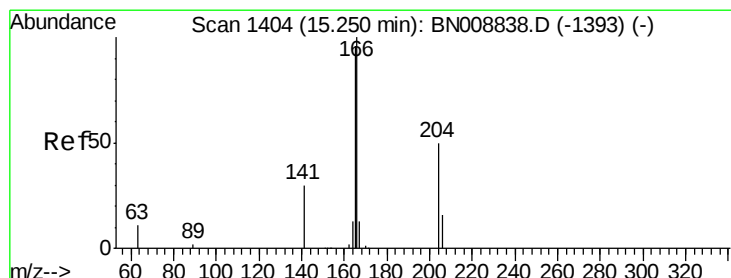
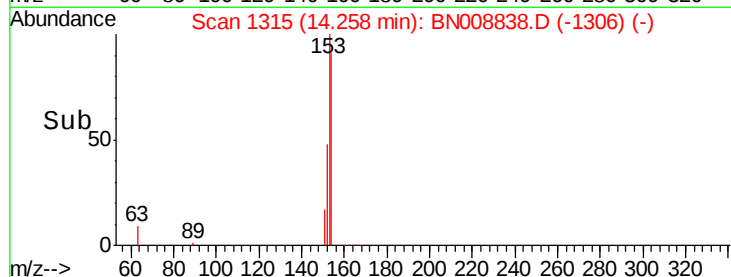
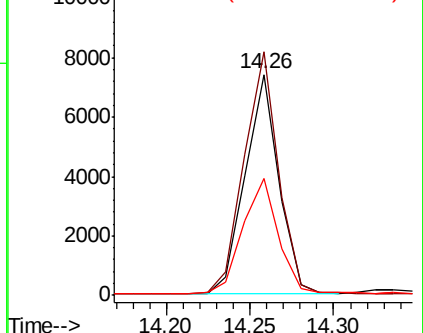
152 54.8 43.8 65.8



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: 0.340 ng

RT: 15.25 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

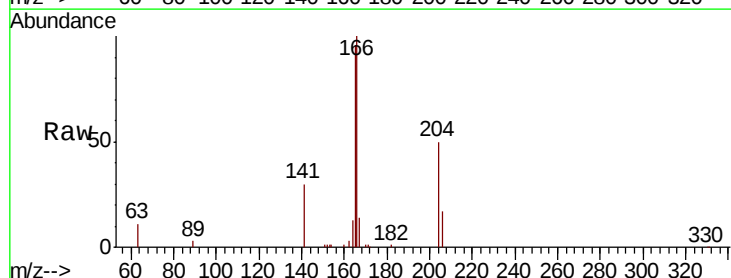
Tgt Ion:166 Resp: 13733

Ion Ratio Lower Upper

166 100

165 96.3 77.0 115.6

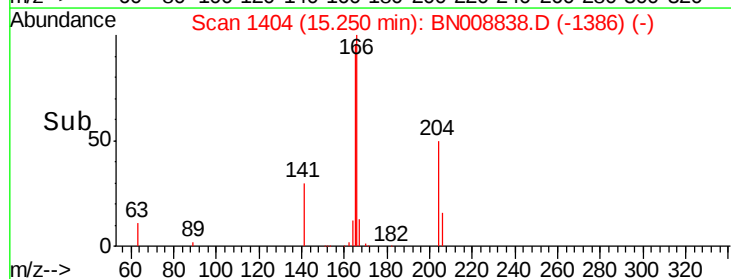
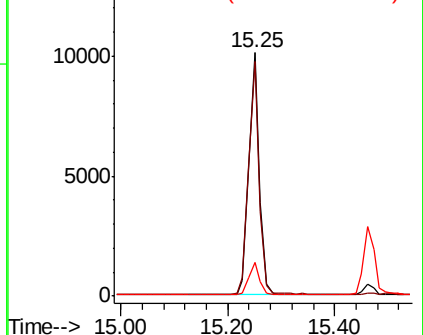
167 13.5 10.8 16.2

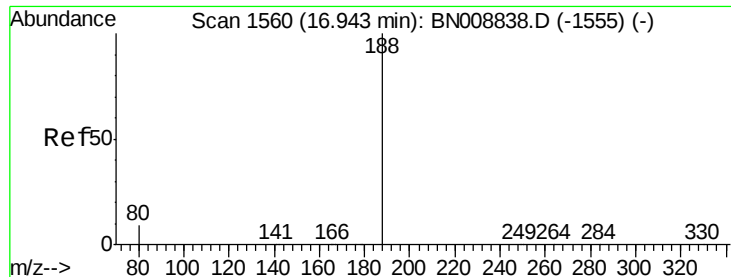


Abundance Ion 166.00 (165.70 to 166.70): E

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# 1560

Delta R.T. 0.00 min

Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

Instrument :

BNA_N

ClientSampleId :

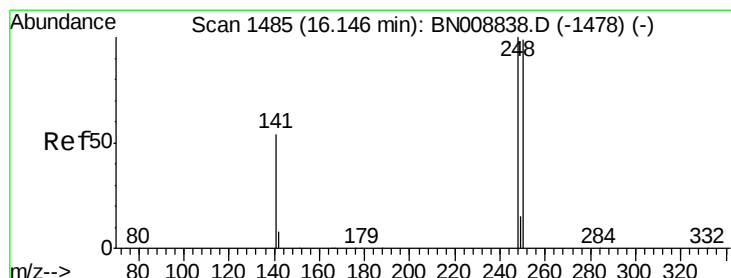
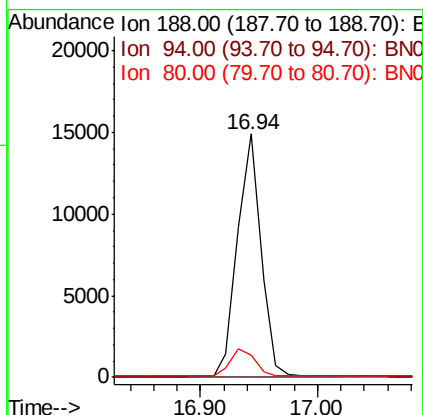
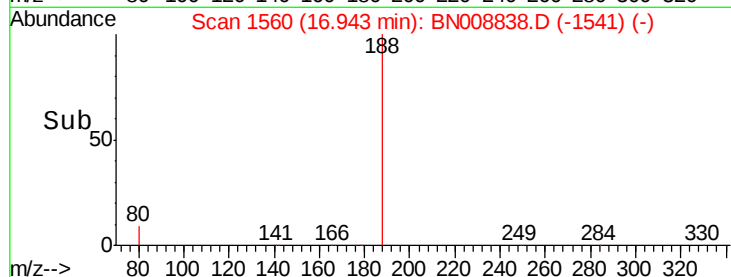
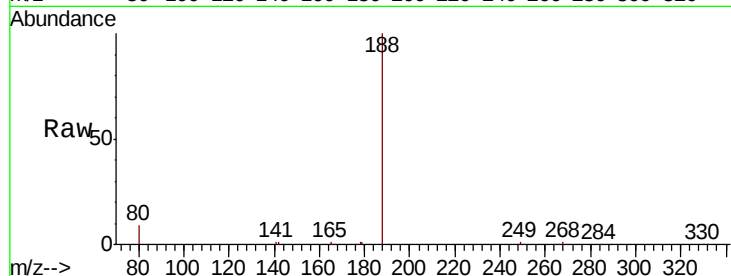
Tot Ion:188 Resp: 20565

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.3 7.4 11.2



#20

4-Bromophenyl-phenylether

Concen: 0.360 ng

RT: 16.15 min Scan# 1485

Delta R.T. 0.00 min

Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

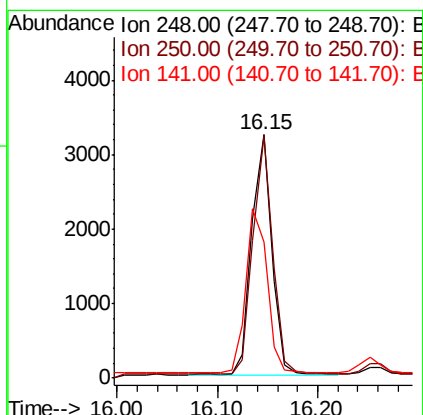
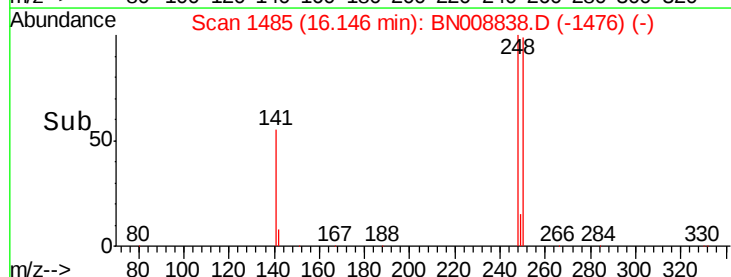
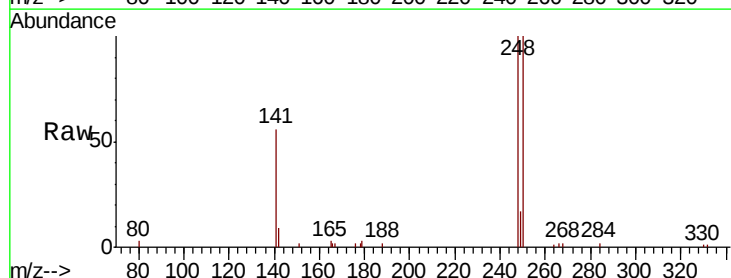
Tgt Ion:248 Resp: 4493

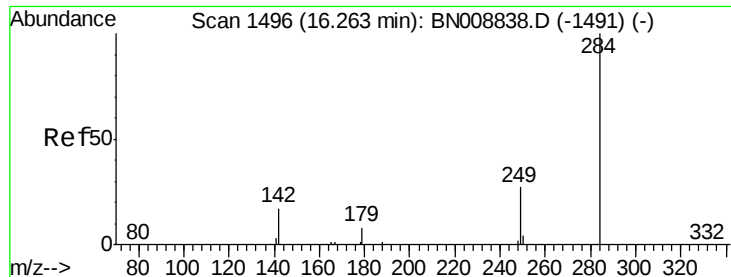
Ion Ratio Lower Upper

248 100

250 99.6 79.7 119.5

141 55.9 44.7 67.1

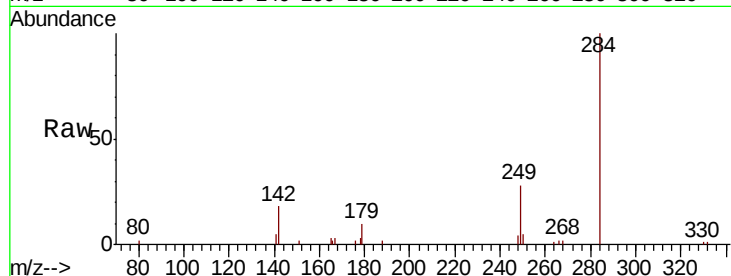




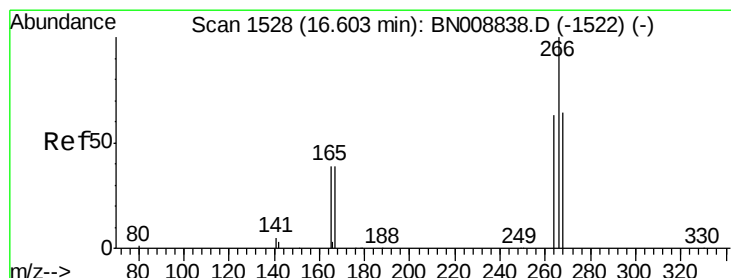
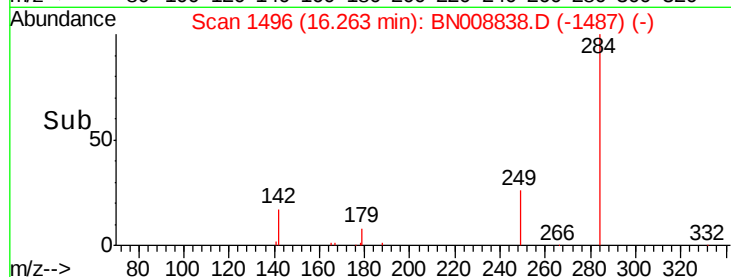
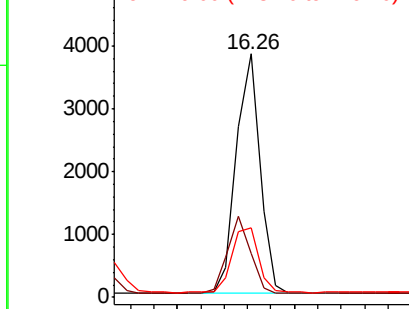
#21
Hexachlorobenzene
Concen: 0.392 ng
RT: 16.26 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BN008838.D
Acq: 04 Dec 2019 12:31

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 5348
Ion Ratio Lower Upper
284 100
142 31.7 25.4 38.0
249 30.4 24.3 36.5

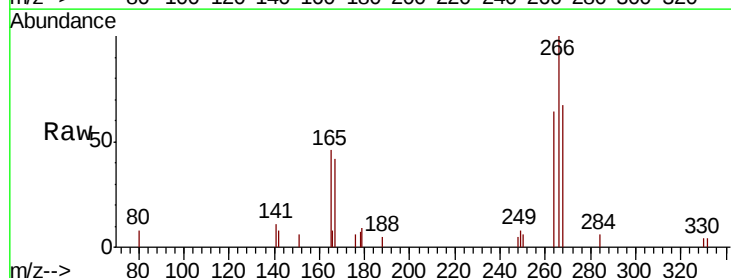


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

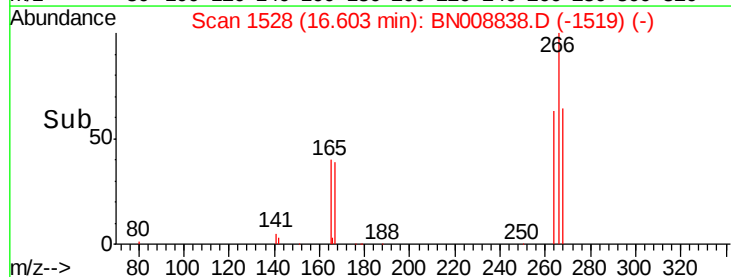
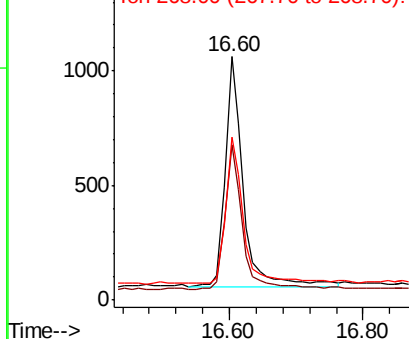


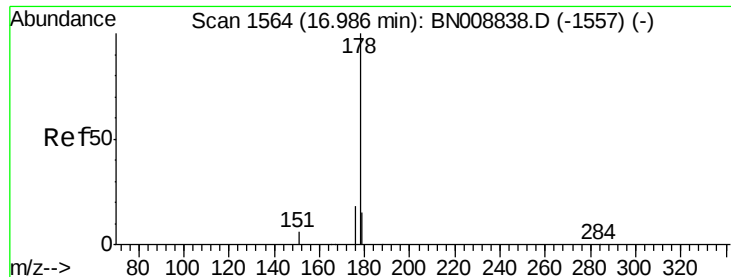
#22
Pentachlorophenol
Concen: 0.366 ng
RT: 16.60 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BN008838.D
Acq: 04 Dec 2019 12:31

Tgt Ion:266 Resp: 1841
Ion Ratio Lower Upper
266 100
264 63.7 51.0 76.4
268 67.1 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: 0.373 ng

RT: 16.99 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

Instrument :

BNA_N

ClientSampleId :

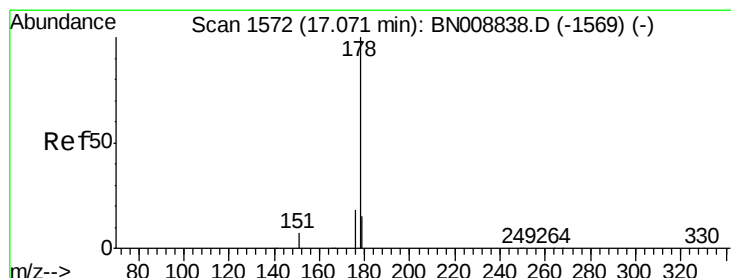
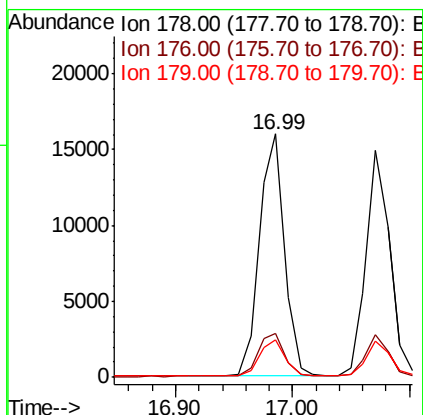
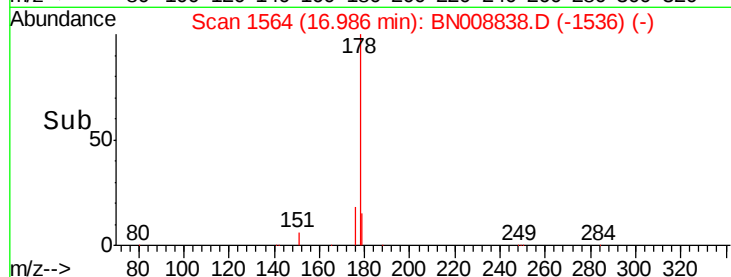
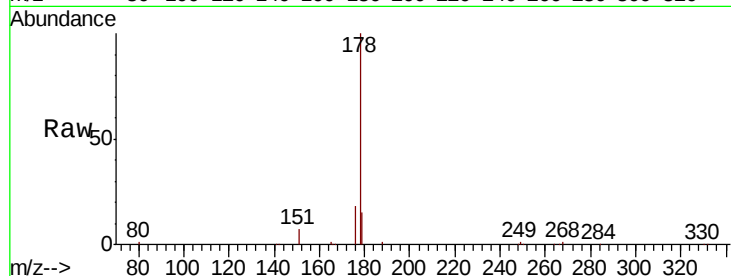
Tot Ion:178 Resp: 23913

Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

179 15.2 12.2 18.2



#24

Anthracene

Concen: 0.369 ng

RT: 17.07 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

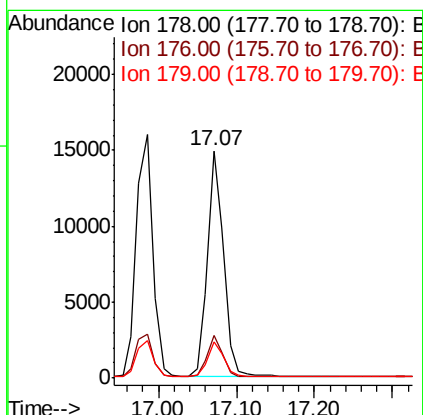
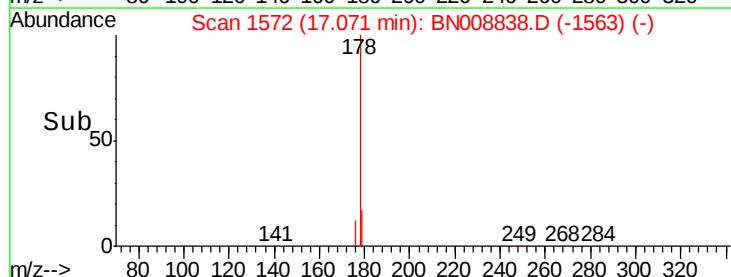
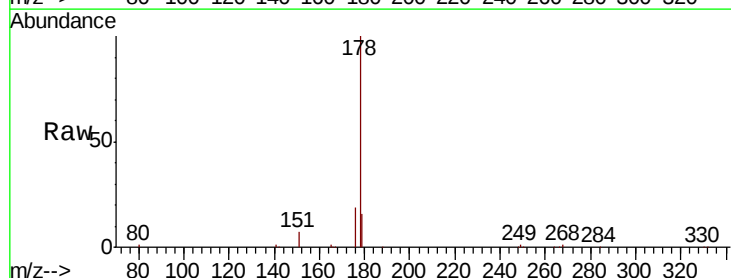
Tgt Ion:178 Resp: 21368

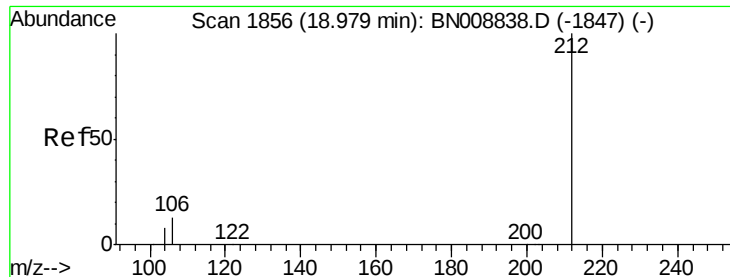
Ion Ratio Lower Upper

178 100

176 17.9 14.3 21.5

179 15.2 12.2 18.2





#25

Fluoranthene-d10

Concen: 0.342 ng

RT: 18.98 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

Instrument :

BNA_N

ClientSampled :

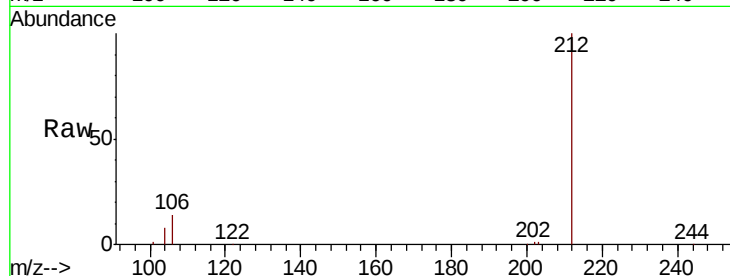
Tot Ion:212 Resp: 23677

Ion Ratio Lower Upper

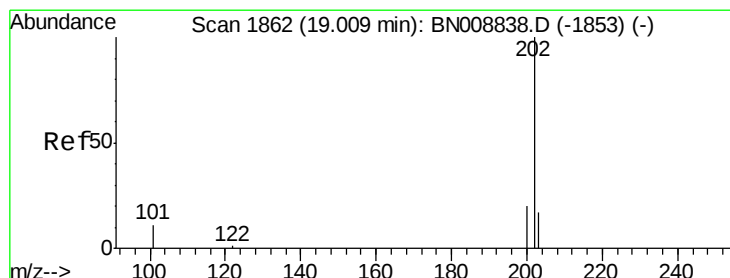
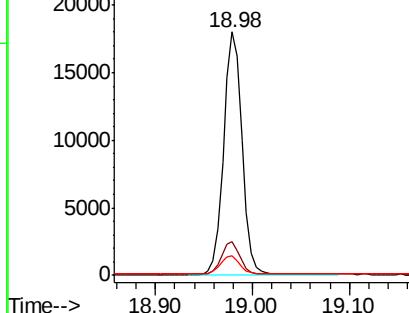
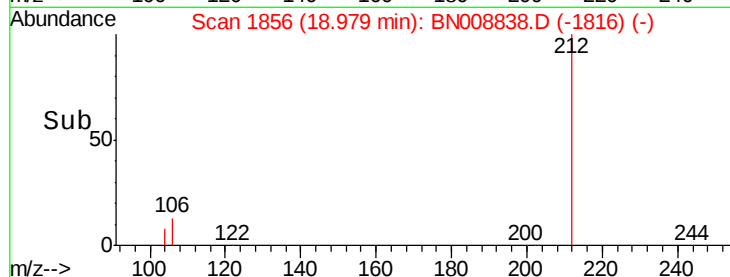
212 100

106 13.4 10.7 16.1

104 7.6 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: 0.361 ng

RT: 19.01 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

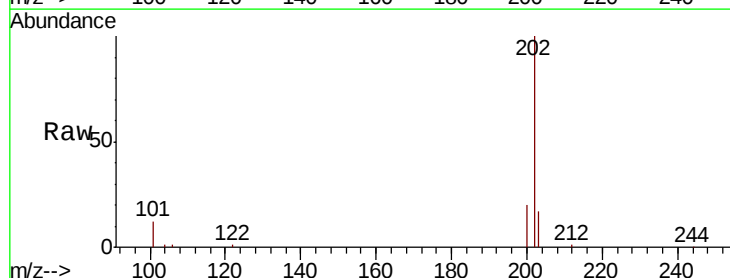
Tgt Ion:202 Resp: 28776

Ion Ratio Lower Upper

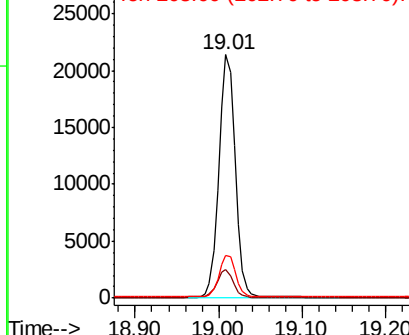
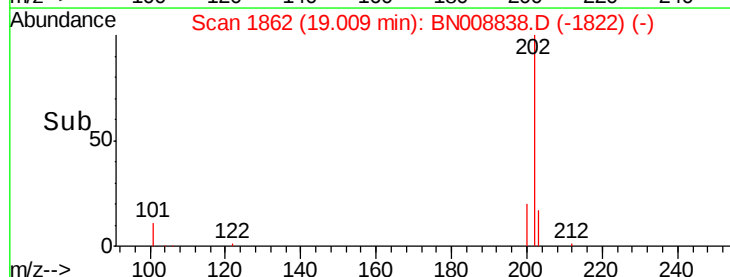
202 100

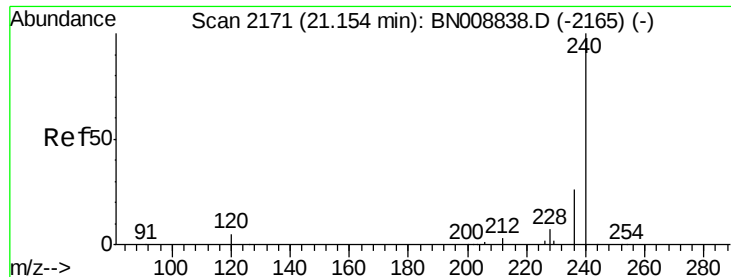
101 11.6 9.3 13.9

203 17.1 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: 21.15 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

Instrument :

BNA_N

ClientSampleId :

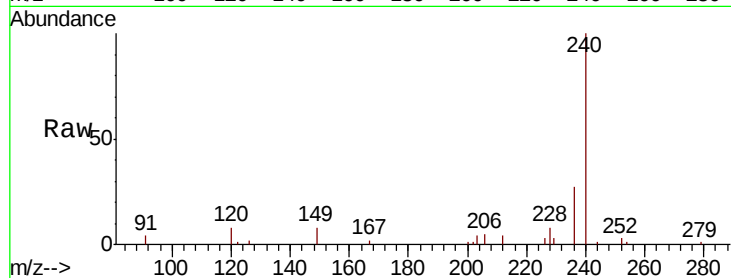
Tot Ion:240 Resp: 22084

Ion Ratio Lower Upper

240 100

120 7.5 6.0 9.0

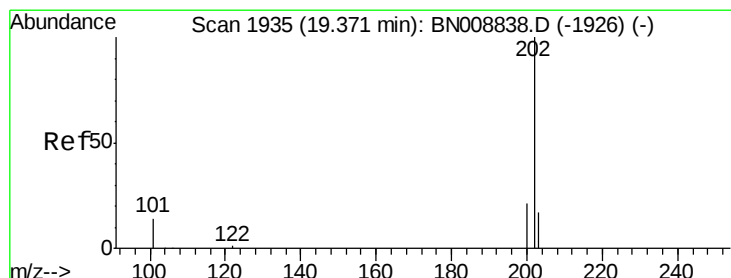
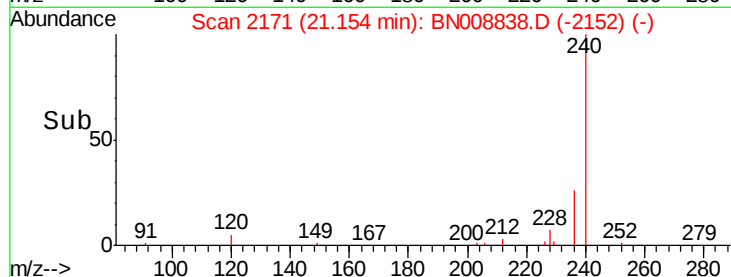
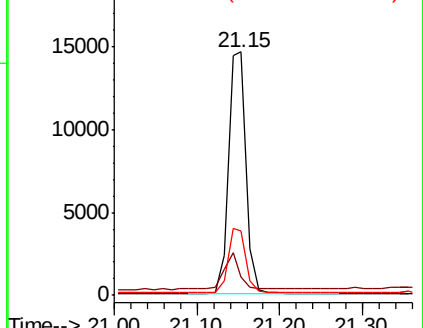
236 26.7 21.4 32.0



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: 0.394 ng

RT: 19.37 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

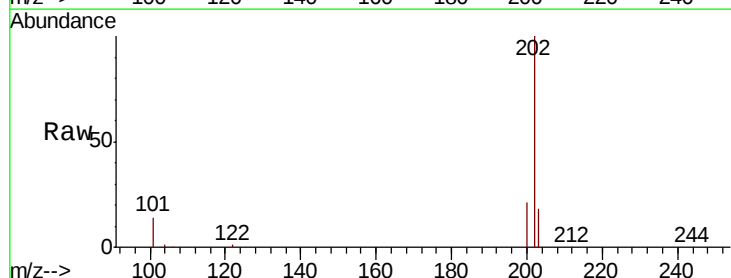
Tgt Ion:202 Resp: 29689

Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

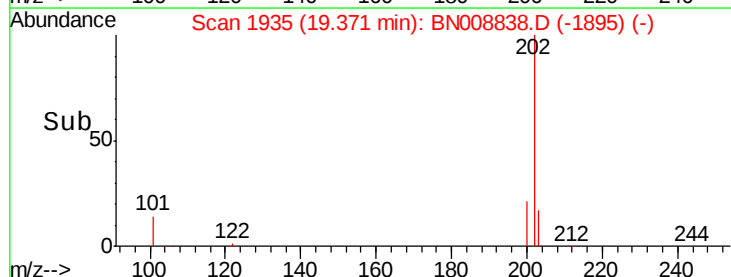
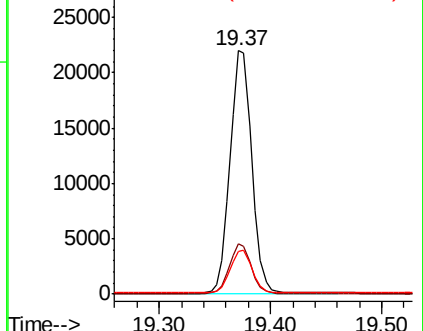
203 17.7 14.2 21.2

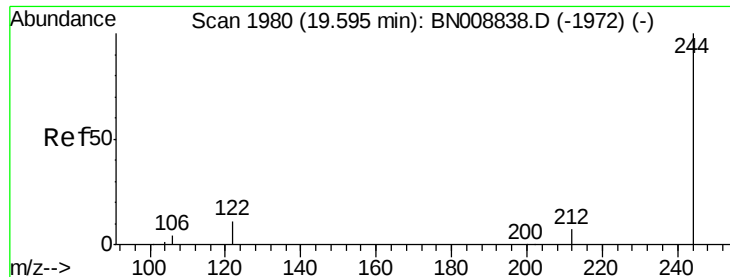


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.361 ng

RT: 19.59 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

Instrument :

BNA_N

ClientSampleId :

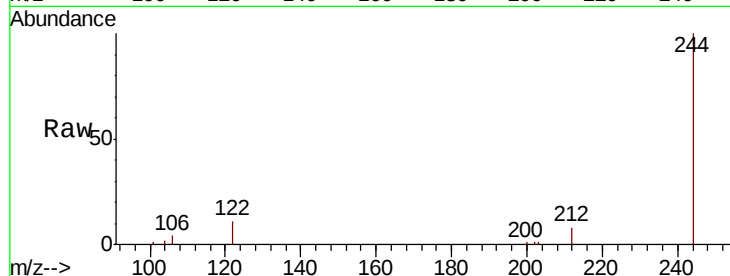
Tot Ion:244 Resp: 19609

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

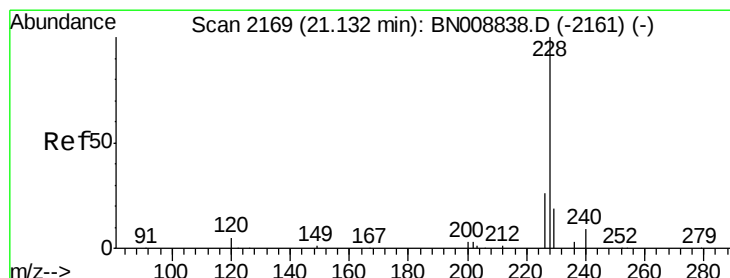
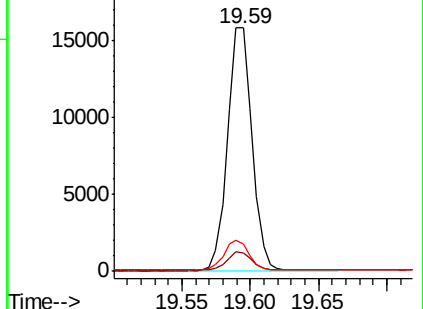
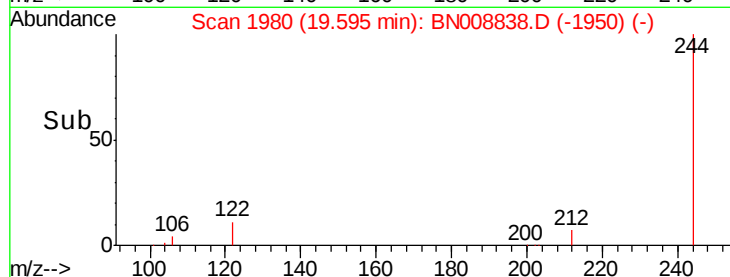
122 11.1 8.9 13.3



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: 0.376 ng

RT: 21.13 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

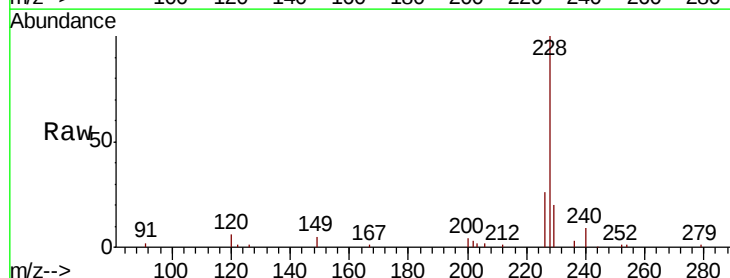
Tgt Ion:228 Resp: 30614

Ion Ratio Lower Upper

228 100

226 26.0 20.8 31.2

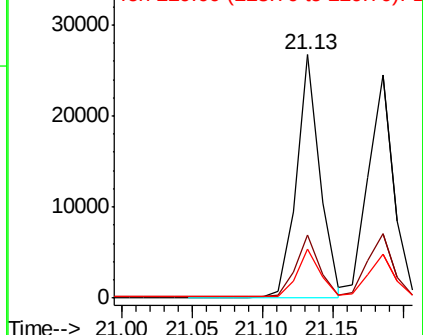
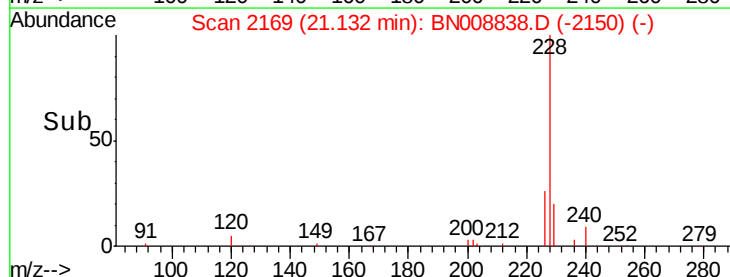
229 19.9 15.9 23.9

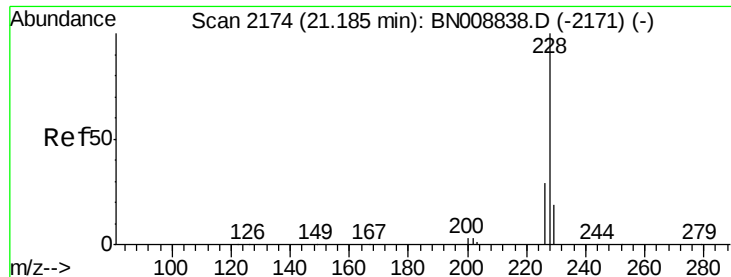


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.385 ng

RT: 21.19 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

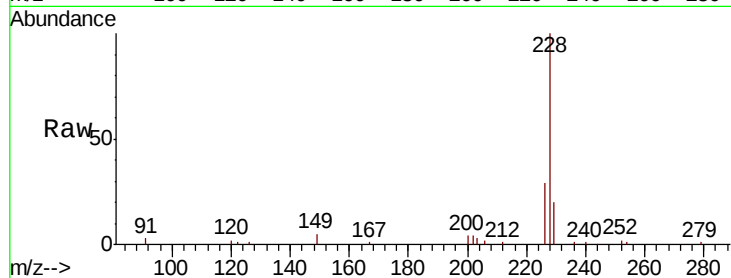
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 30525

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.1	34.7
229	19.8	15.8	23.8

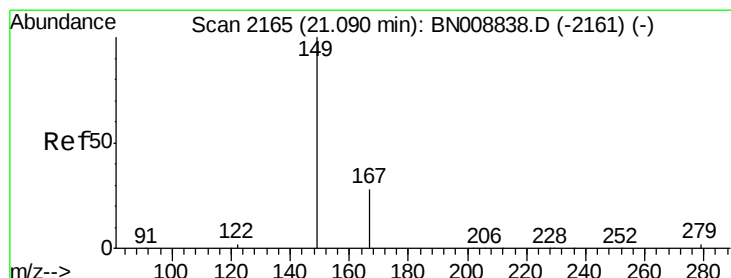
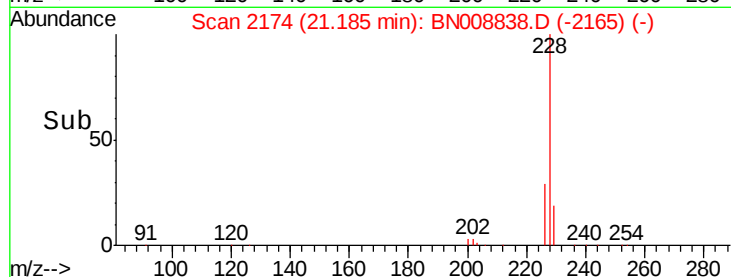
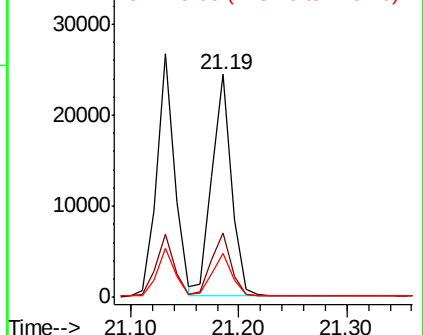


Abundance

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: 0.445 ng

RT: 21.09 min Scan# 2165

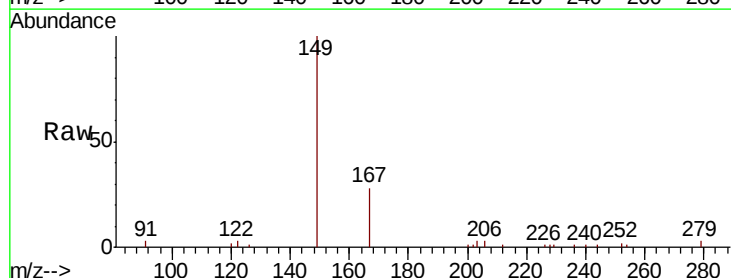
Delta R.T. 0.00 min

Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

Tgt Ion:149 Resp: 18623

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.1	34.7
279	4.1	3.4	5.2

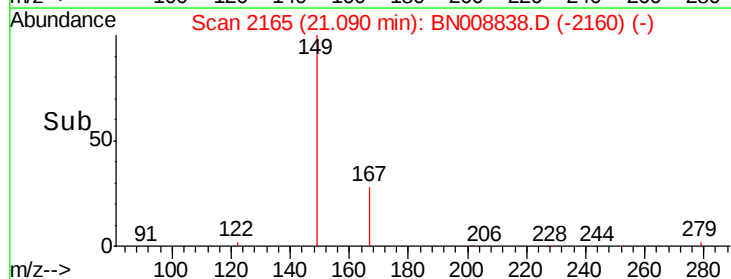
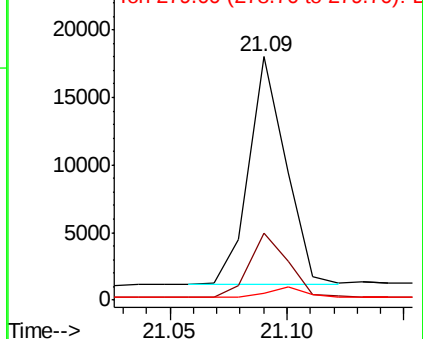


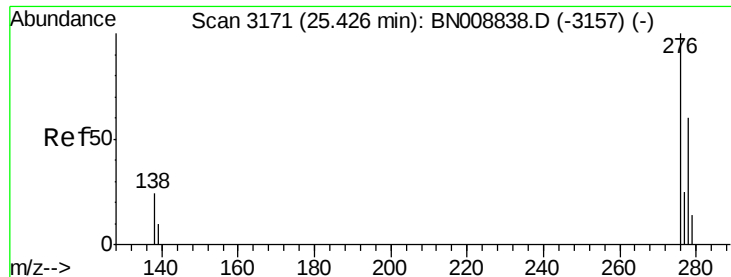
Abundance

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

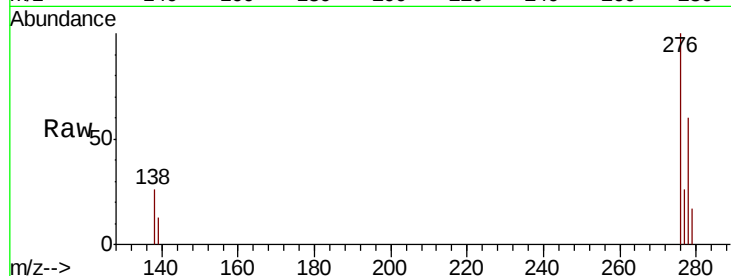




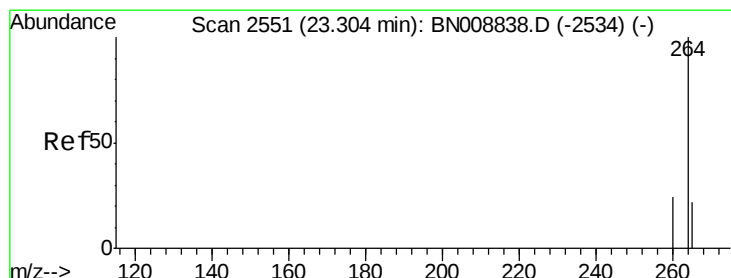
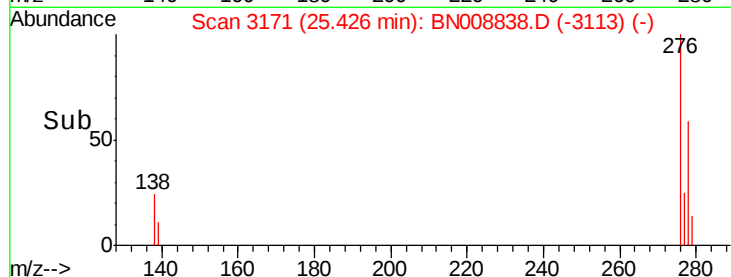
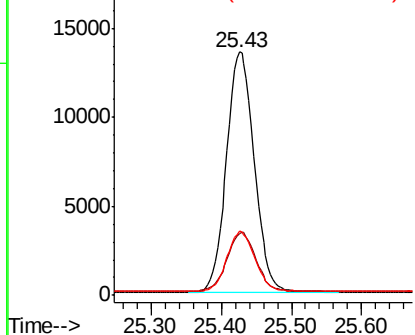
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.377 ng
RT: 25.43 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BN008838.D
Acq: 04 Dec 2019 12:31

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 37374
Ion Ratio Lower Upper
276 100
138 25.0 20.2 30.2
277 25.0 19.8 29.6

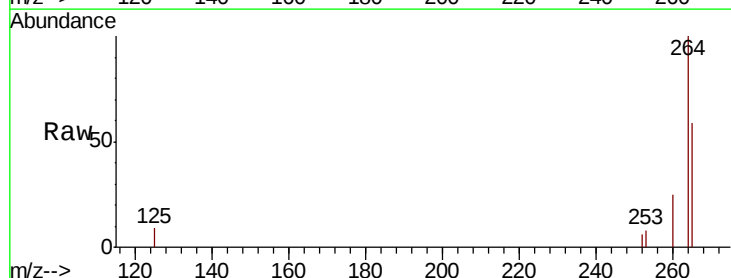


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

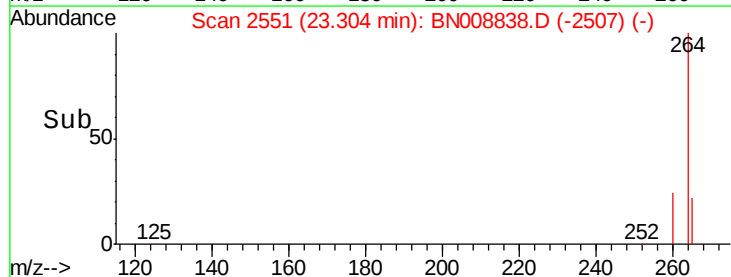
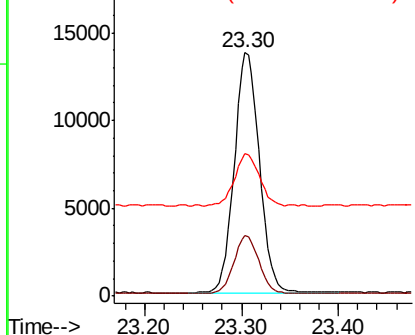


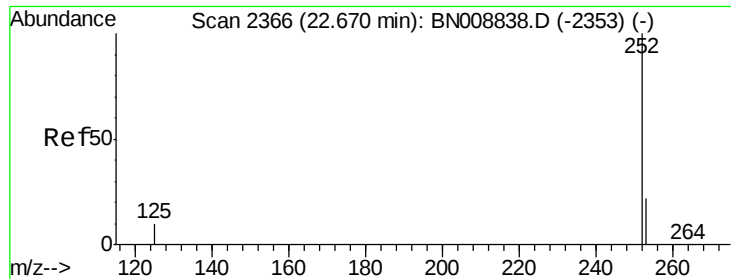
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.30 min Scan# 2551
Delta R.T. 0.00 min
Lab File: BN008838.D
Acq: 04 Dec 2019 12:31

Tgt Ion:264 Resp: 24705
Ion Ratio Lower Upper
264 100
260 24.9 19.9 29.9
265 58.5 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

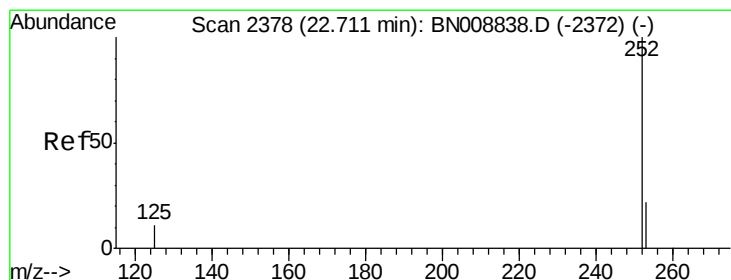
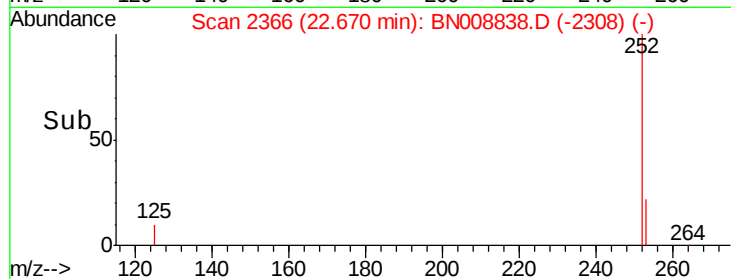
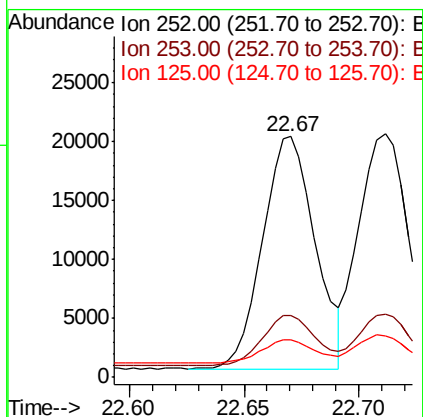
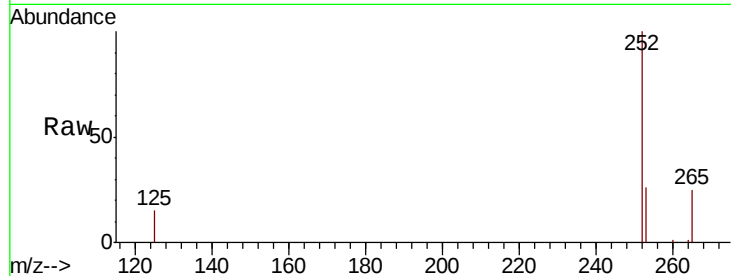




#35
Benzo(b)fluoranthene
Concen: 0.366 ng
RT: 22.67 min Scan# 2366
Delta R.T. 0.00 min
Lab File: BN008838.D
Acq: 04 Dec 2019 12:31

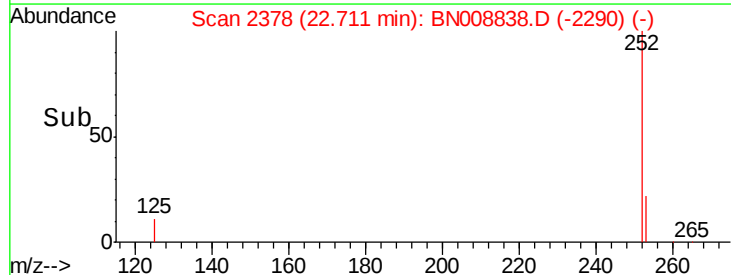
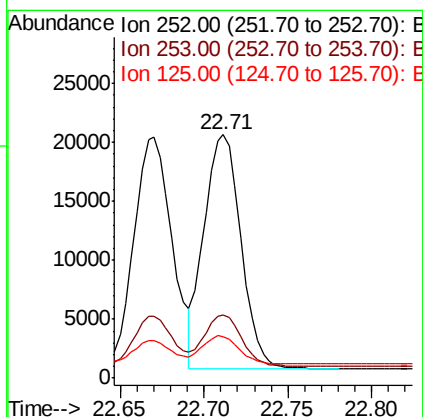
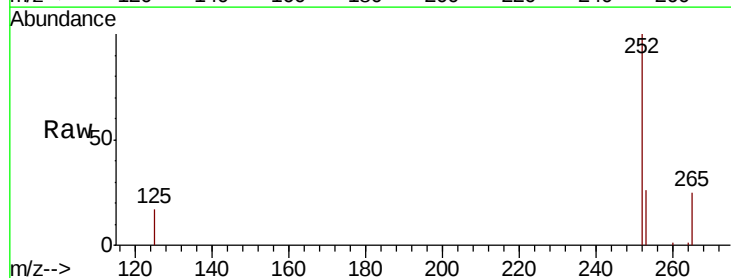
Instrument :
BNA_N
ClientSampleId :

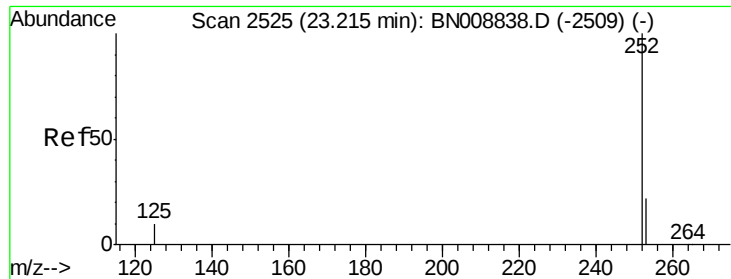
Tot Ion:252 Resp: 31369
Ion Ratio Lower Upper
252 100
253 25.8 20.6 31.0
125 15.4 12.3 18.5



#36
Benzo(k)fluoranthene
Concen: 0.358 ng
RT: 22.71 min Scan# 2378
Delta R.T. 0.00 min
Lab File: BN008838.D
Acq: 04 Dec 2019 12:31

Tgt Ion:252 Resp: 30395
Ion Ratio Lower Upper
252 100
253 26.2 21.0 31.4
125 16.9 13.5 20.3





#37

Benzo(a)pyrene

Concen: 0.362 ng

RT: 23.21 min Scan# 2525

Delta R.T. 0.00 min

Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

Instrument :

BNA_N

ClientSampleId :

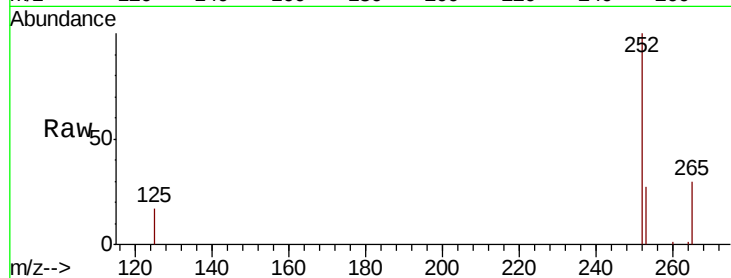
Tot Ion:252 Resp: 29155

Ion Ratio Lower Upper

252 100

253 26.8 21.4 32.2

125 17.1 13.7 20.5

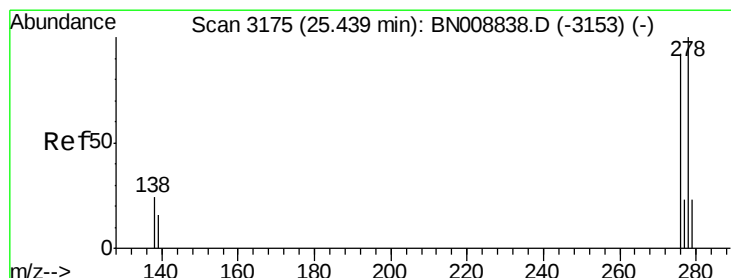
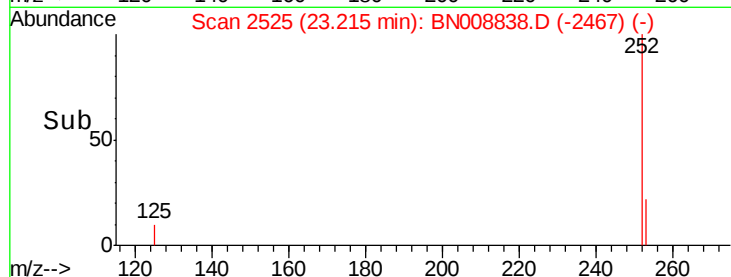
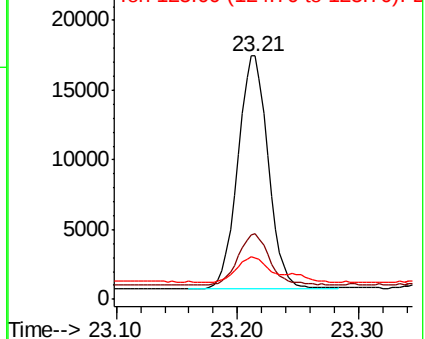


Abundance

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: 0.368 ng

RT: 25.44 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

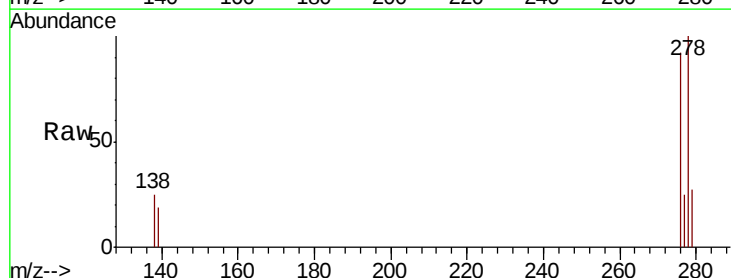
Tgt Ion:278 Resp: 30354

Ion Ratio Lower Upper

278 100

139 19.1 15.3 22.9

279 26.5 21.2 31.8

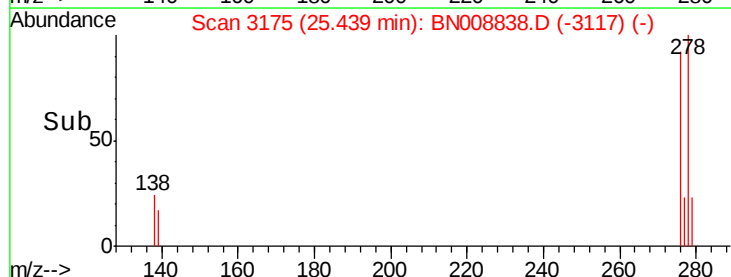
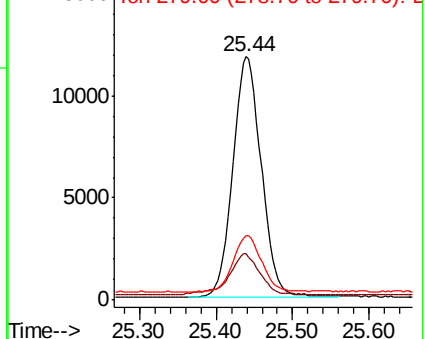


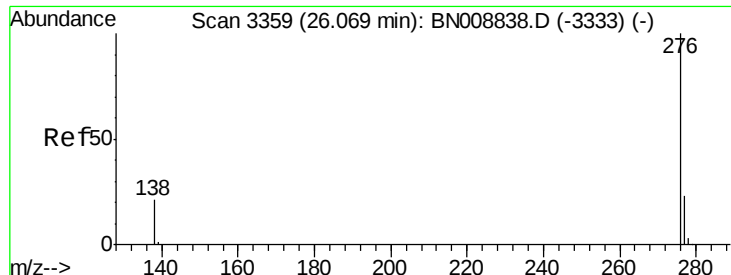
Abundance

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: 0.376 ng

RT: 26.07 min Scan# 3359

Delta R.T. 0.00 min

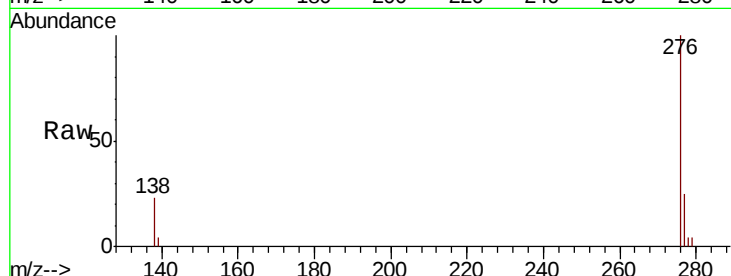
Lab File: BN008838.D

Acq: 04 Dec 2019 12:31

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 30699

Ion Ratio Lower Upper

276 100

277 25.1 20.1 30.1

138 23.2 18.6 27.8

Abundance Ion 276.00 (275.70 to 276.70): E
15000 Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

