

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120419\
 Data File : BN008841.D
 Acq On : 04 Dec 2019 14:19
 Operator : JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 04 15:42:56 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	3278	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	14374	0.40	ng	0.00
13) Acenaphthene-d10	14.19	164	10055	0.40	ng	0.00
19) Phenanthrene-d10	16.94	188	21924	0.40	ng	0.00
27) Chrysene-d12	21.14	240	23179	0.40	ng	-0.01
34) Perylene-d12	23.30	264	25115	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	28989	2.57	ng	0.00
5) Phenol-d6	6.76	99	40770	2.54	ng	0.00
8) Nitrobenzene-d5	8.71	82	42529	3.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.92	152	80232	3.31	ng	0.00
14) 2,4,6-Tribromophenol	15.70	330	19205	3.51	ng	0.00
15) 2-Fluorobiphenyl	12.81	172	124303	3.00	ng	0.00
25) Fluoranthene-d10	18.98	212	222454	3.01	ng	0.00
29) Terphenyl-d14	19.59	244	179332	3.15	ng	0.00

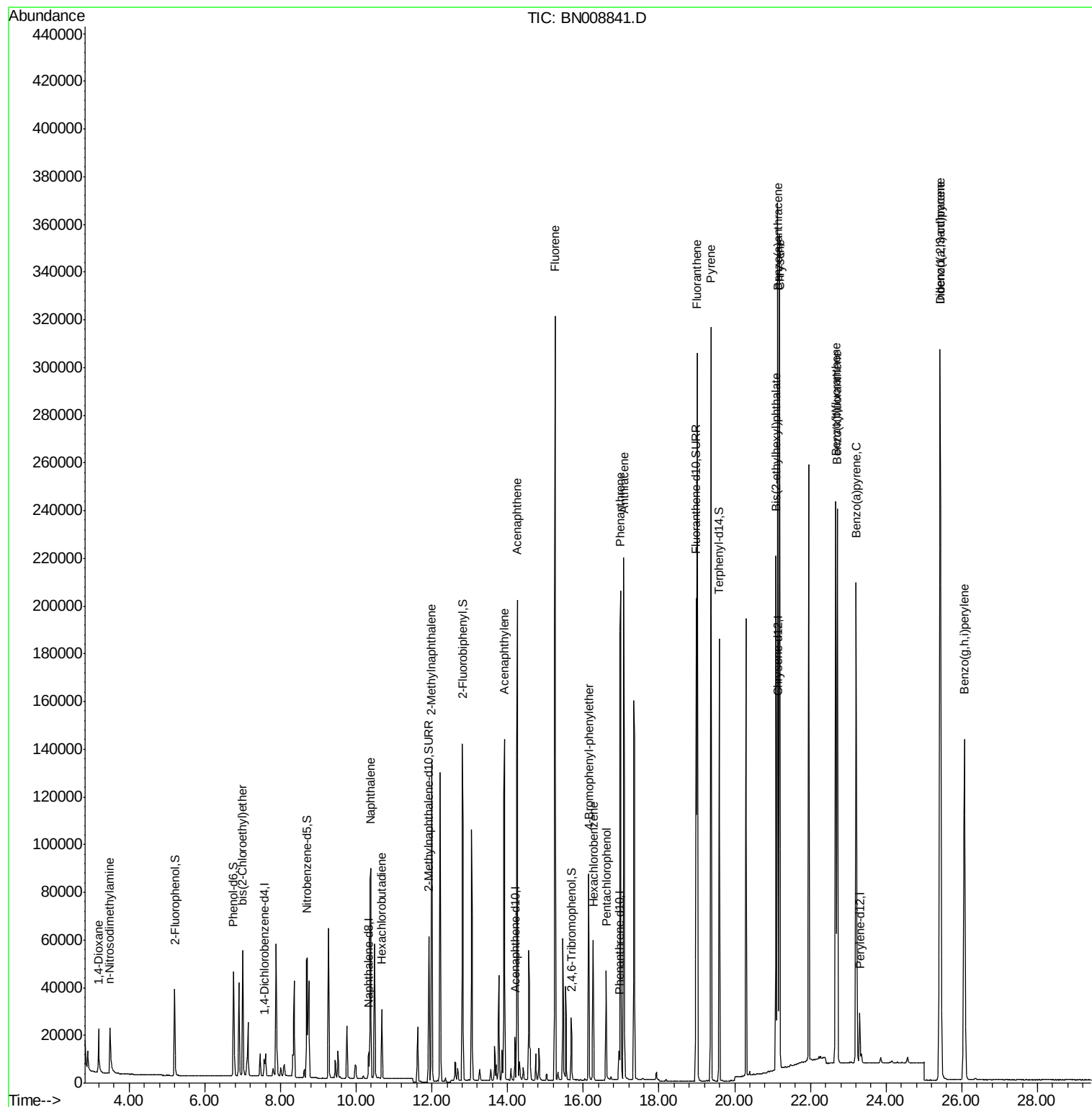
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	10770	2.948	ng	# 100
3) n-Nitrosodimethylamine	3.49	42	15702	9.383	ng	# 100
6) bis(2-Chloroethyl)ether	7.01	93	36473	3.930	ng	97
9) Naphthalene	10.38	128	126080	3.126	ng	99
10) Hexachlorobutadiene	10.67	225	24451	2.878	ng	# 100
12) 2-Methylnaphthalene	12.00	142	94544	3.468	ng	99
16) Acenaphthylene	13.91	152	162265	3.043	ng	100
17) Acenaphthene	14.26	154	99712	2.900	ng	99
18) Fluorene	15.25	166	132686	3.011	ng	100
20) 4-Bromophenyl-phenylether	16.15	248	43796	3.291	ng	96
21) Hexachlorobenzene	16.26	284	49076	3.373	ng	100
22) Pentachlorophenol	16.60	266	22526	4.199	ng	97
23) Phenanthrene	16.99	178	223291	3.269	ng	100
24) Anthracene	17.07	178	211038	3.421	ng	100
26) Fluoranthene	19.01	202	268890	3.166	ng	100
28) Pyrene	19.37	202	272516	3.447	ng	100
30) Benzo(a)anthracene	21.13	228	279574	3.275	ng	100
31) Chrysene	21.19	228	273447	3.287	ng	99
32) Bis(2-ethylhexyl)phthalate	21.09	149	171984	3.918	ng	100
33) Indeno(1,2,3-cd)pyrene	25.43	276	326170	3.132	ng	100
35) Benzo(b)fluoranthene	22.67	252	277032	3.177	ng	# 91
36) Benzo(k)fluoranthene	22.71	252	272408	3.160	ng	# 90
37) Benzo(a)pyrene	23.21	252	260974	3.185	ng	# 90
38) Dibenzo(a,h)anthracene	25.44	278	263558	3.144	ng	95
39) Benzo(g,h,i)perylene	26.07	276	268640	3.238	ng	97

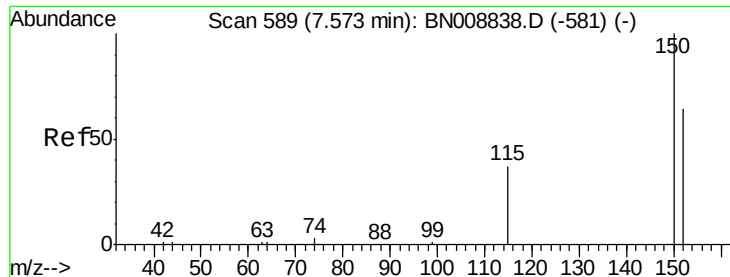
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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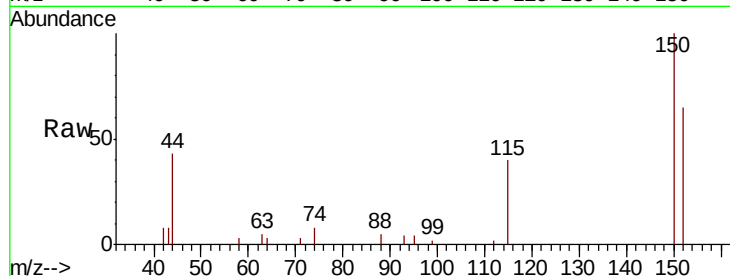


#1

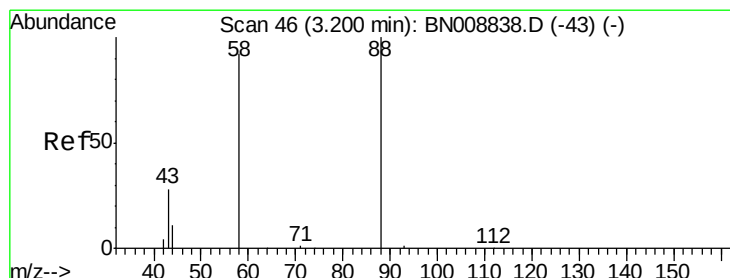
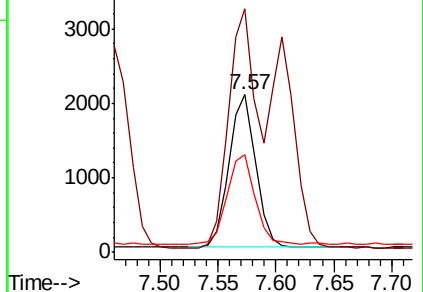
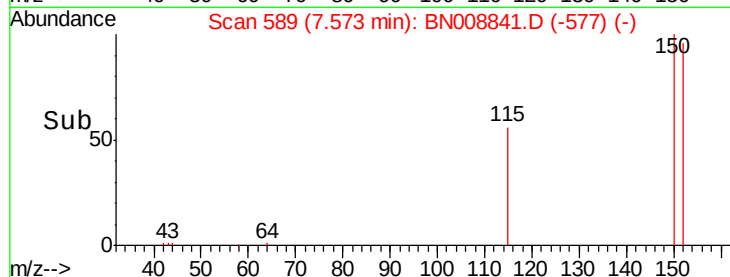
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 589
Delta R.T. -0.00 min
Lab File: BN008841.D
Acq: 04 Dec 2019 14:19

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3278
Ion Ratio Lower Upper
152 100
150 154.4 123.9 185.9
115 62.0 49.9 74.9



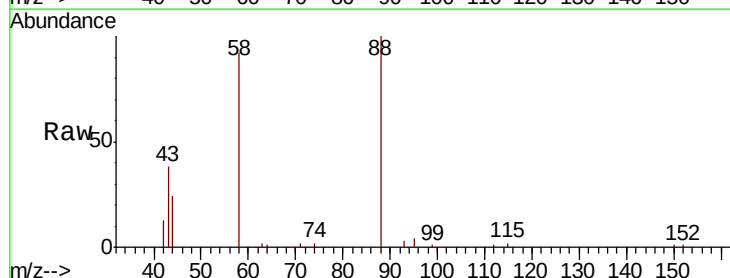
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



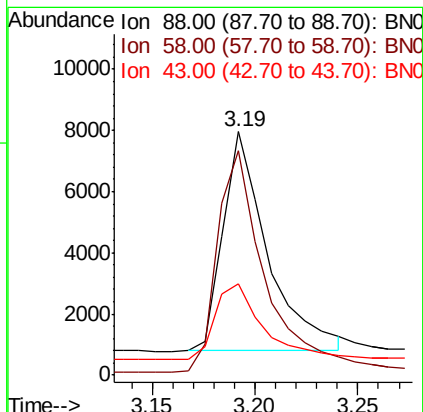
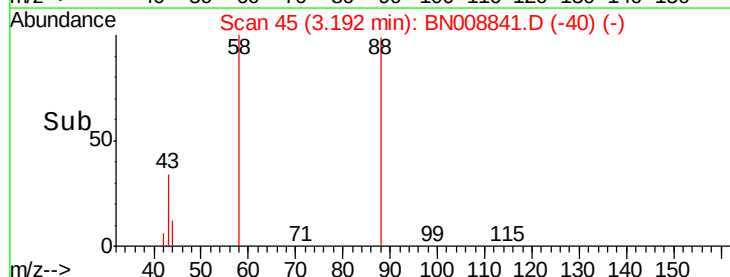
#2

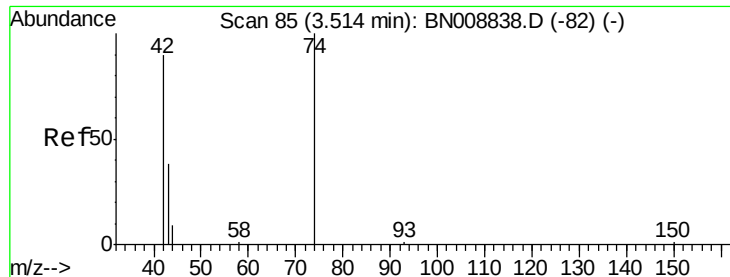
1,4-Dioxane
Concen: 2.948 ng
RT: 3.19 min Scan# 45
Delta R.T. -0.01 min
Lab File: BN008841.D
Acq: 04 Dec 2019 14:19

Tgt Ion: 88 Resp: 10770
Ion Ratio Lower Upper
88 100
58 105.3 0.0 0.0#
43 37.0 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: 9.383 ng

RT: 3.49 min Scan# 82

Delta R.T. -0.02 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

BNA_N

ClientSampleId :

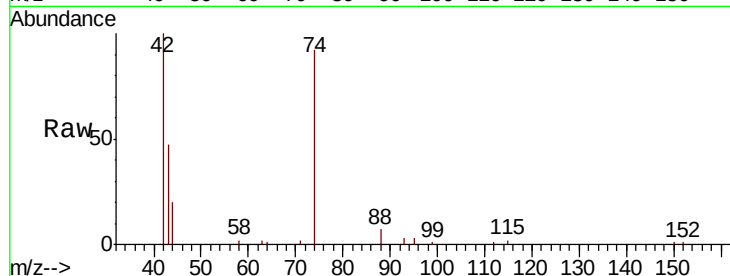
Tot Ion: 42 Resp: 15702

Ion Ratio Lower Upper

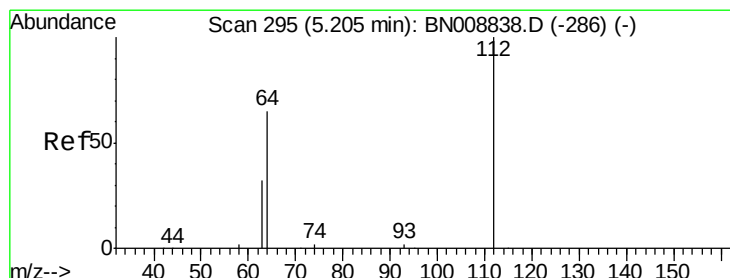
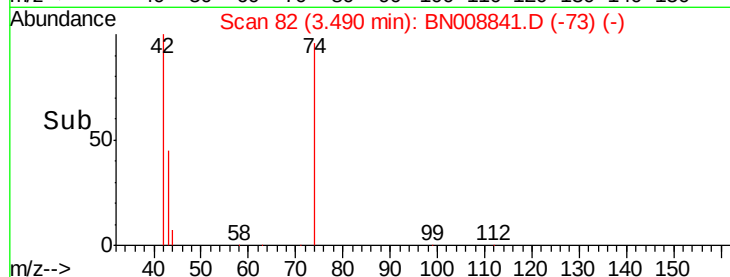
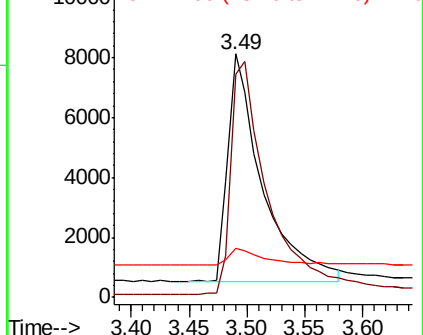
42 100

74 110.0 0.0 0.0#

44 8.0 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: 2.569 ng

RT: 5.21 min Scan# 295

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

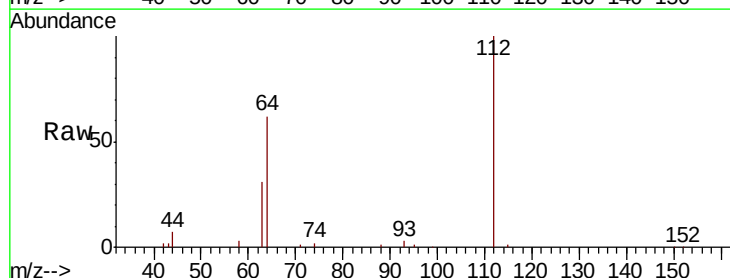
Tgt Ion: 112 Resp: 28989

Ion Ratio Lower Upper

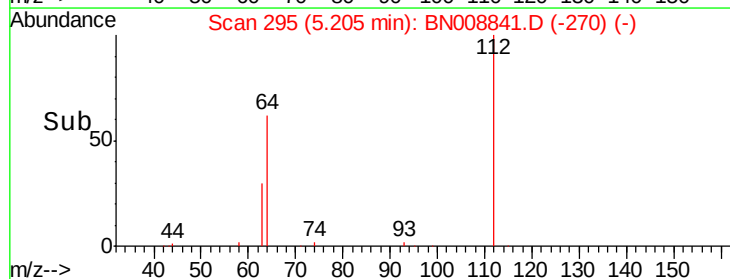
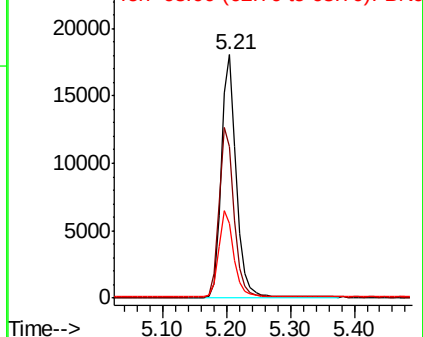
112 100

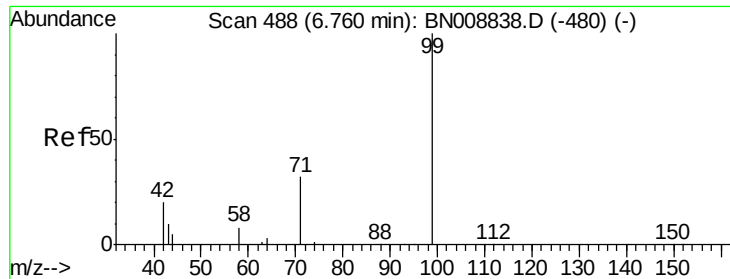
64 70.7 56.3 84.5

63 35.7 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: 2.536 ng

RT: 6.76 min Scan# 488

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

BNA_N

ClientSampleId :

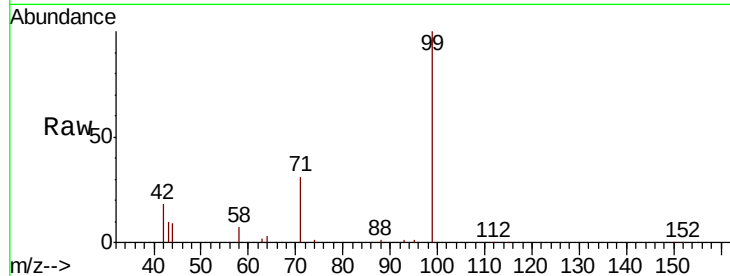
Tot Ion: 99 Resp: 40770

Ion Ratio Lower Upper

99 100

42 22.6 18.1 27.1

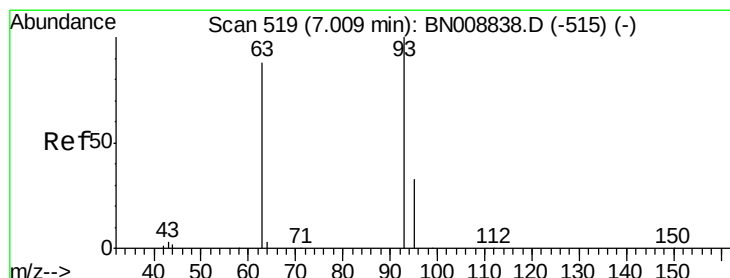
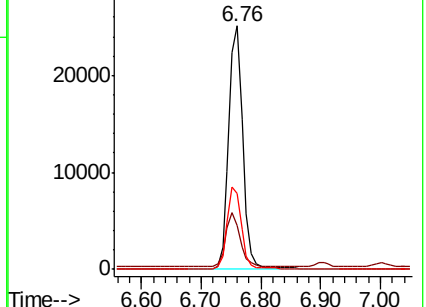
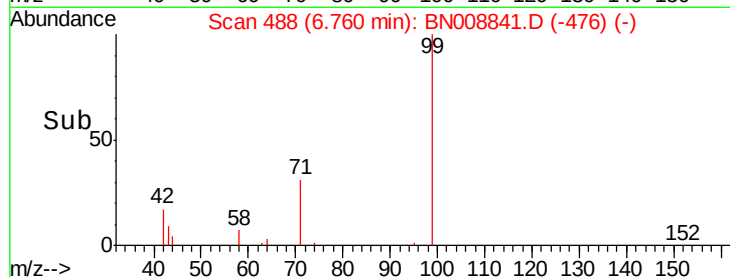
71 33.9 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN008841.D (-476) (-)

Ion 42.00 (41.70 to 42.70): BN008841.D (-476) (-)

Ion 71.00 (70.70 to 71.70): BN008841.D (-476) (-)



#6

bis(2-Chloroethyl)ether

Concen: 3.930 ng

RT: 7.01 min Scan# 519

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

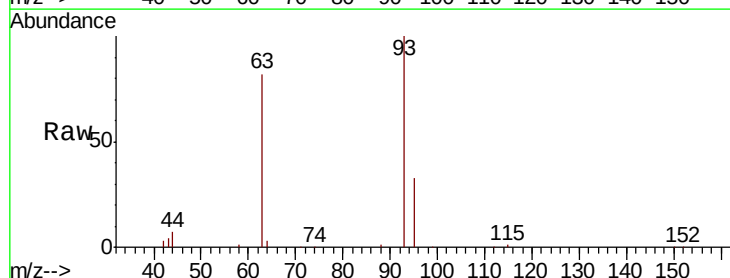
Tgt Ion: 93 Resp: 36473

Ion Ratio Lower Upper

93 100

63 93.8 72.1 108.1

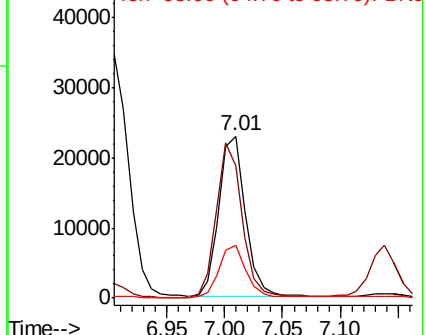
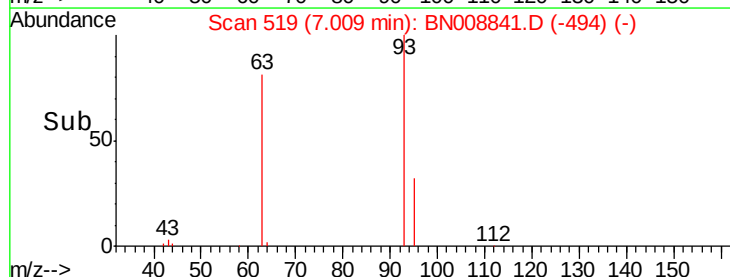
95 32.5 25.7 38.5

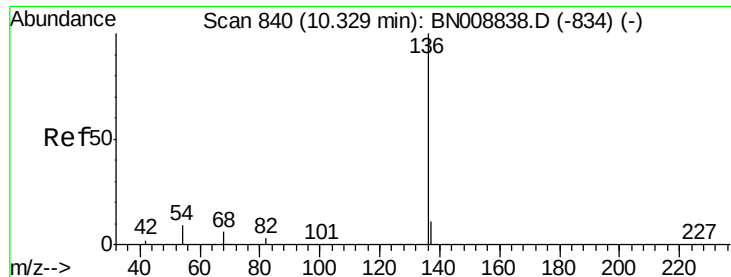


Abundance Ion 93.00 (92.70 to 93.70): BN008841.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN008841.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN008841.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 14374

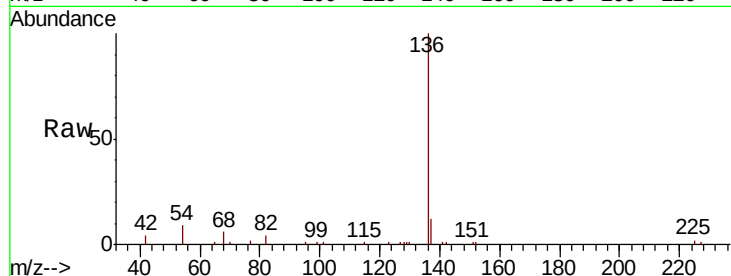
Ion Ratio Lower Upper

136 100

137 11.9 9.1 13.7

54 9.3 8.2 12.2

68 6.0 5.4 8.2

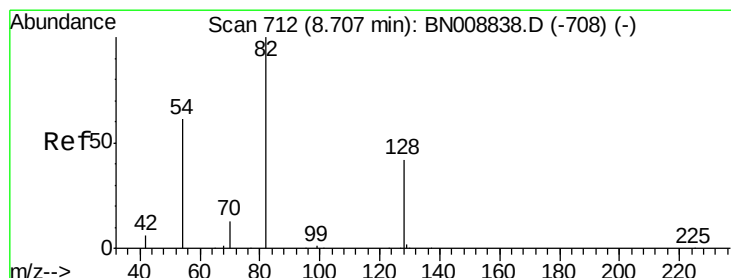
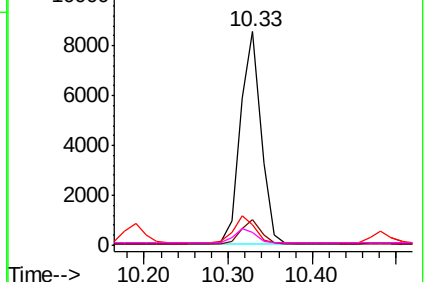
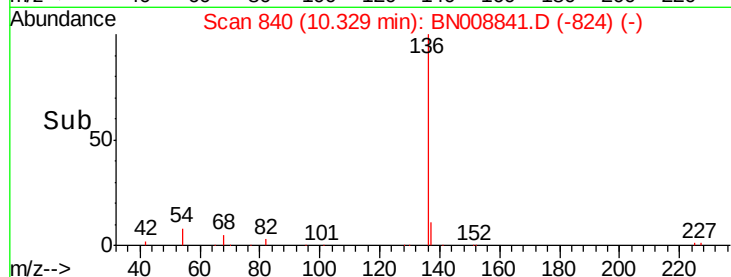


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.383 ng

RT: 8.71 min Scan# 712

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

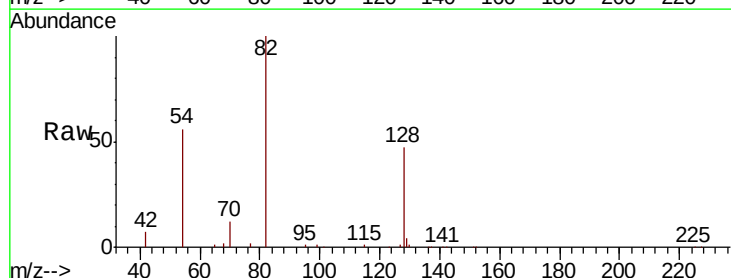
Tgt Ion: 82 Resp: 42529

Ion Ratio Lower Upper

82 100

128 46.9 35.0 52.6

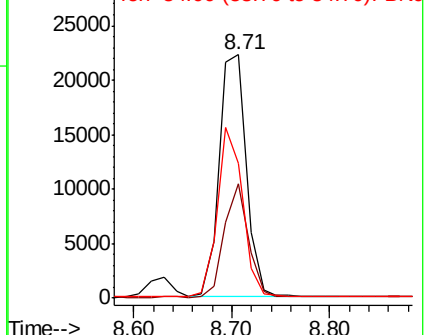
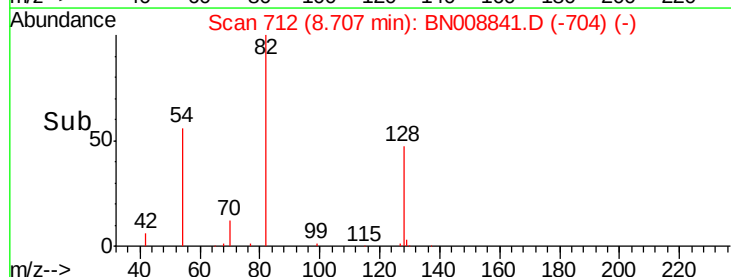
54 55.5 50.2 75.2

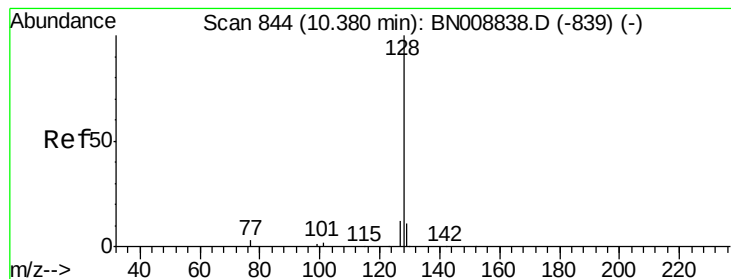


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 3.126 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

BNA_N

ClientSampleId :

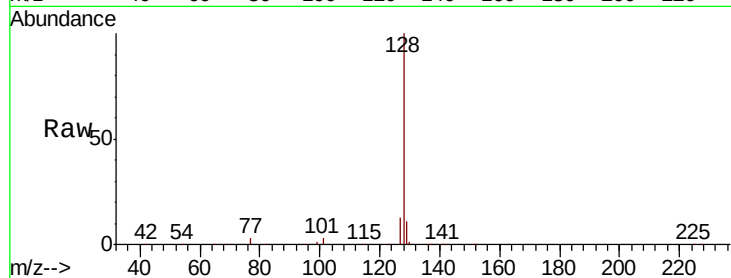
Tot Ion:128 Resp: 126080

Ion Ratio Lower Upper

128 100

129 11.0 9.3 13.9

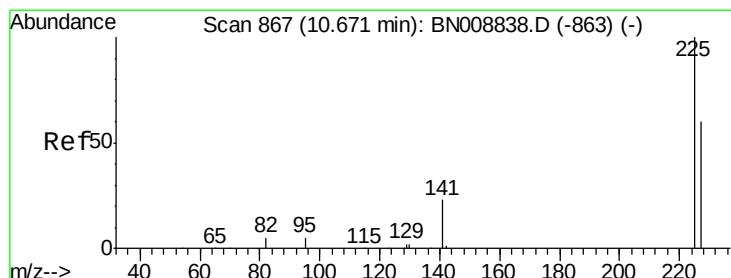
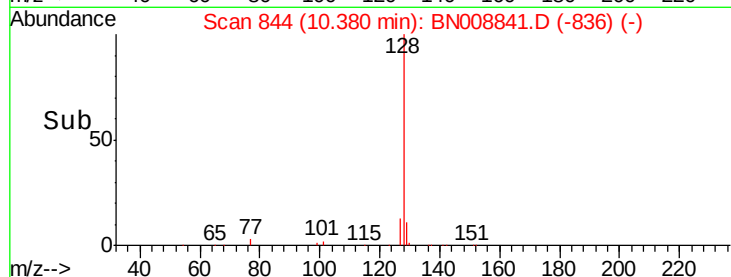
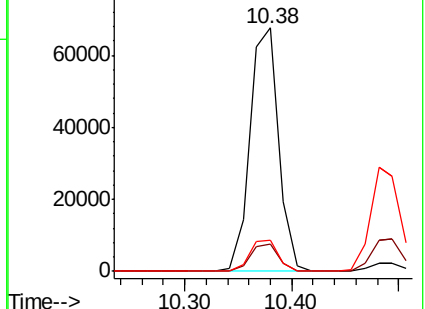
127 12.7 10.5 15.7



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: 2.878 ng

RT: 10.67 min Scan# 867

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

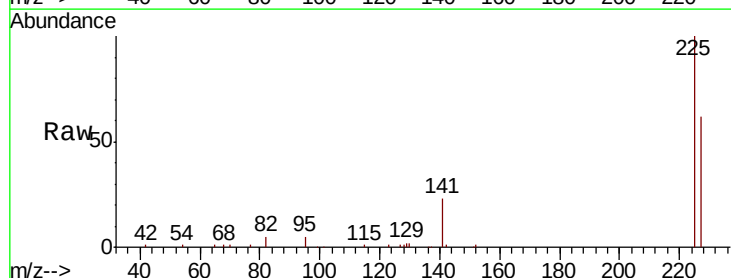
Tgt Ion:225 Resp: 24451

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

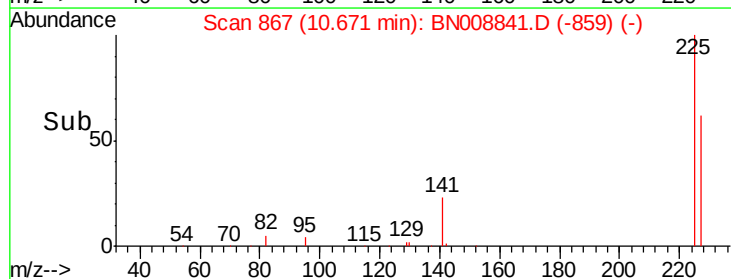
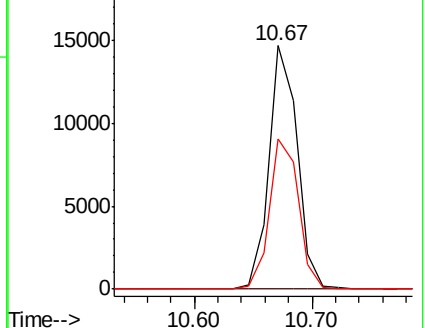
227 63.6 50.9 76.3

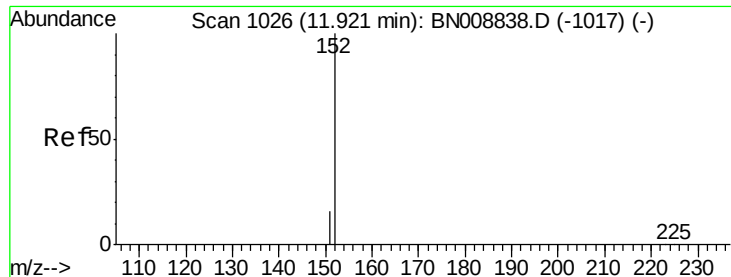


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

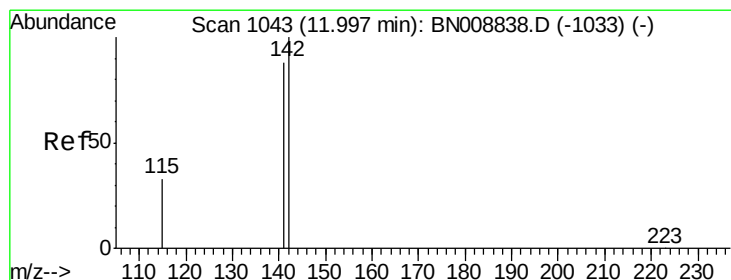
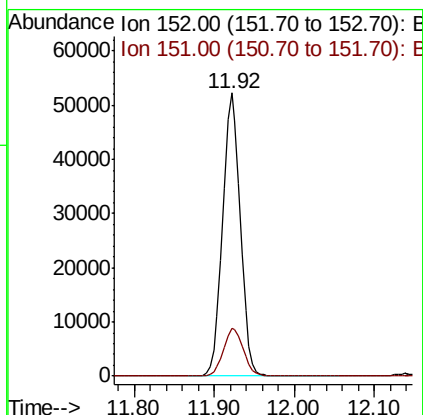
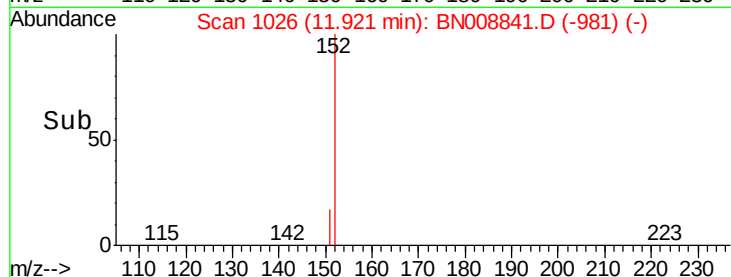
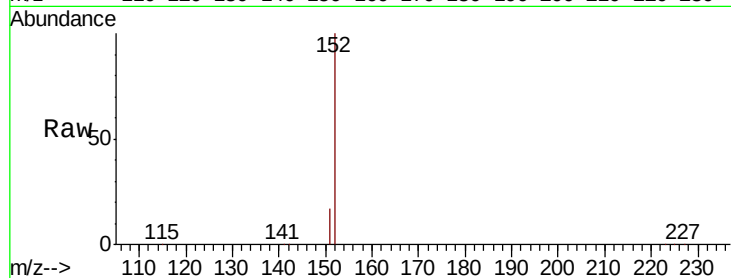




#11
2-Methylnaphthalene-d10
Concen: 3.313 ng
RT: 11.92 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BN008841.D
Acq: 04 Dec 2019 14:19

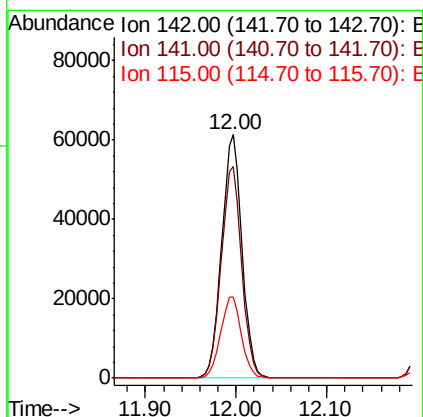
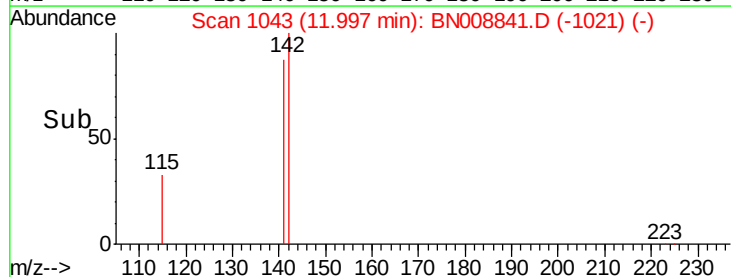
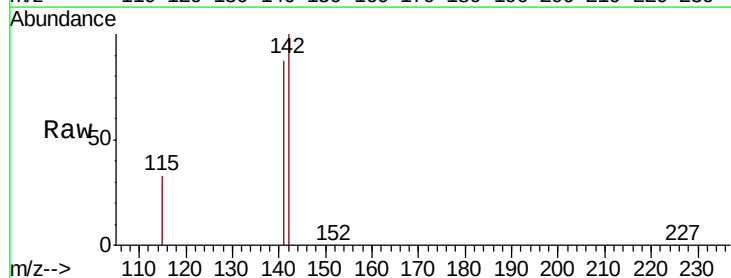
Instrument :
BNA_N
ClientSampleId :

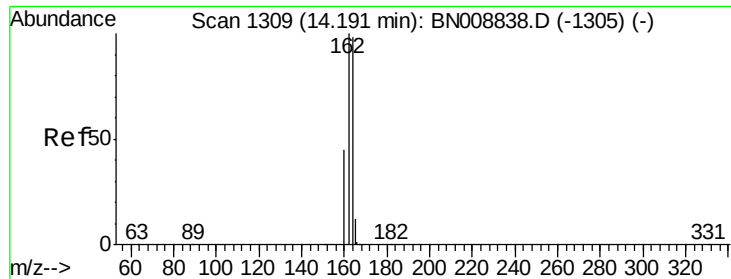
Tot Ion:152 Resp: 80232
Ion Ratio Lower Upper
152 100
151 18.9 15.2 22.8



#12
2-Methylnaphthalene
Concen: 3.468 ng
RT: 12.00 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BN008841.D
Acq: 04 Dec 2019 14:19

Tgt Ion:142 Resp: 94544
Ion Ratio Lower Upper
142 100
141 86.8 70.2 105.4
115 33.2 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: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

BNA_N

ClientSampleId :

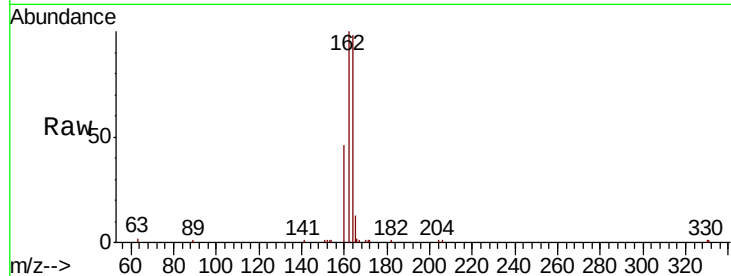
Tot Ion:164 Resp: 10055

Ion Ratio Lower Upper

164 100

162 102.1 81.9 122.9

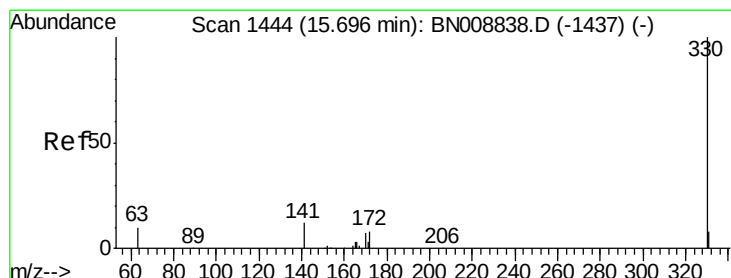
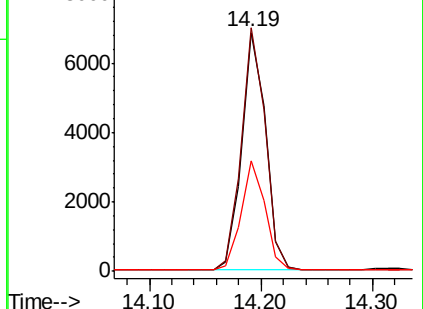
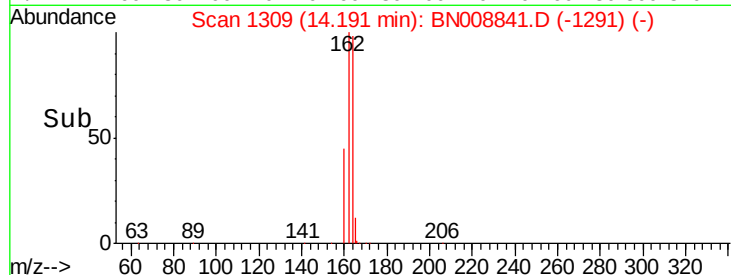
160 46.6 37.4 56.2



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: 3.507 ng

RT: 15.70 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

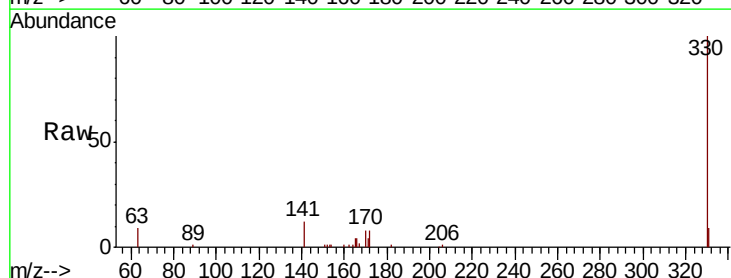
Tgt Ion:330 Resp: 19205

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

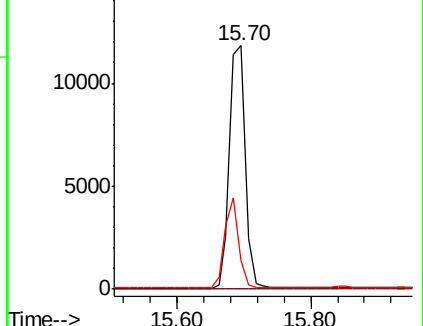
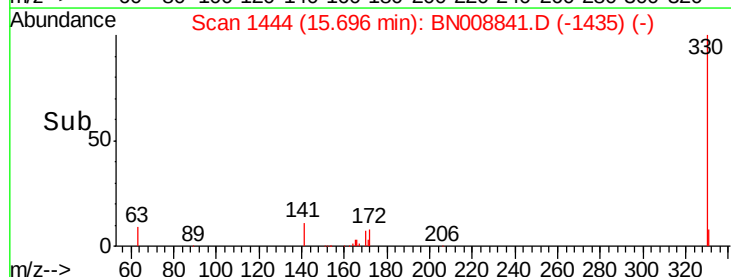
141 32.7 26.2 39.4

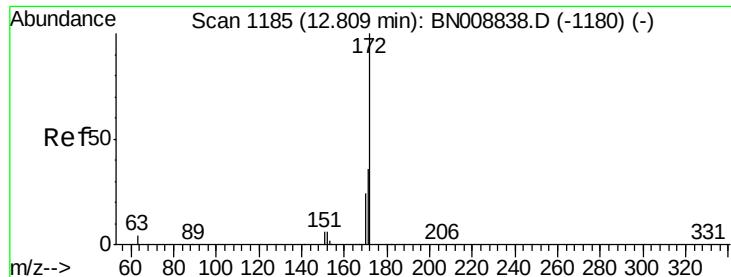


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

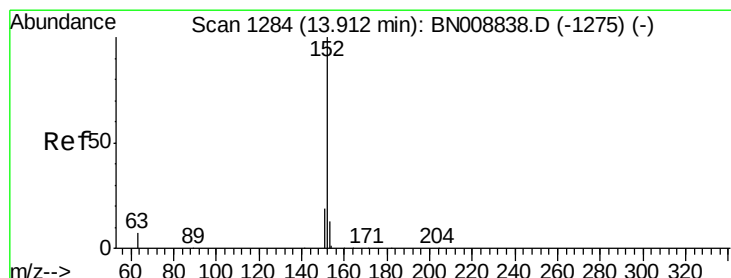
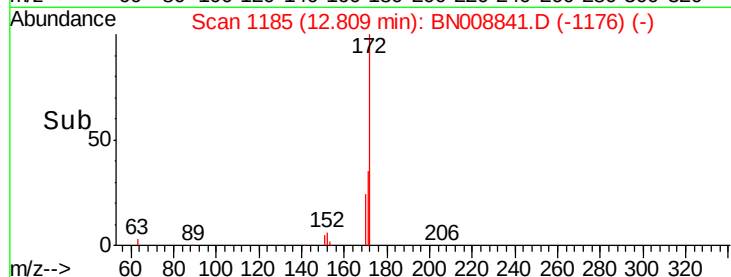
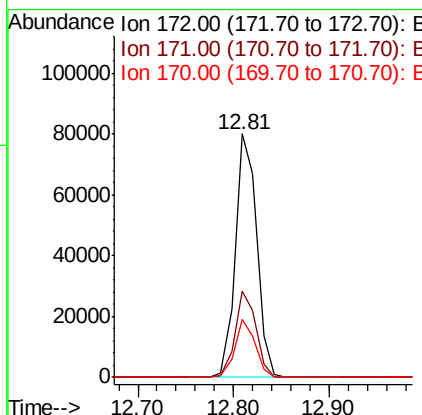
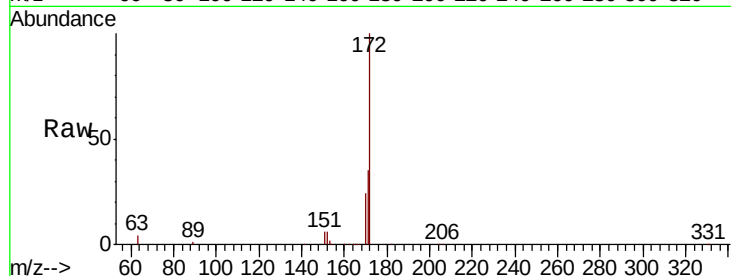




#15
2-Fluorobiphenyl
Concen: 3.001 ng
RT: 12.81 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BN008841.D
Acq: 04 Dec 2019 14:19

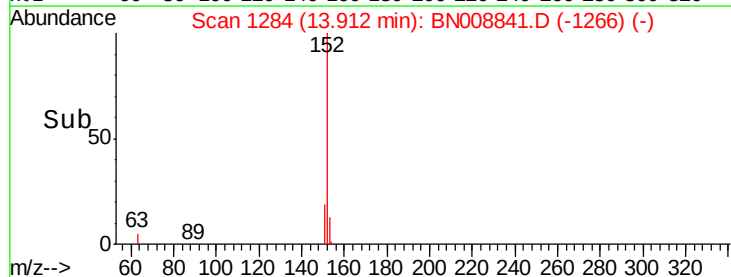
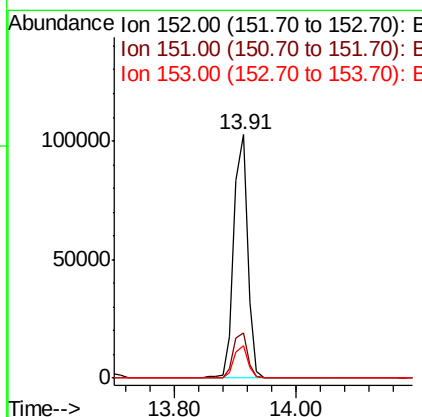
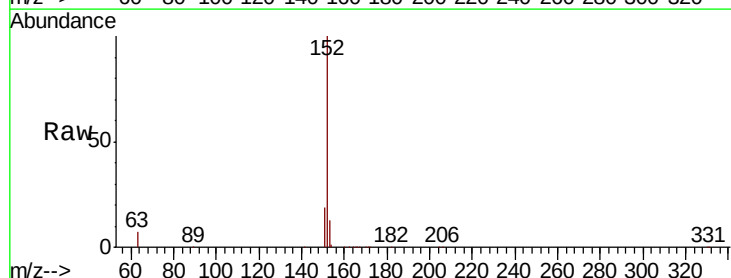
Instrument :
BNA_N
ClientSampled :

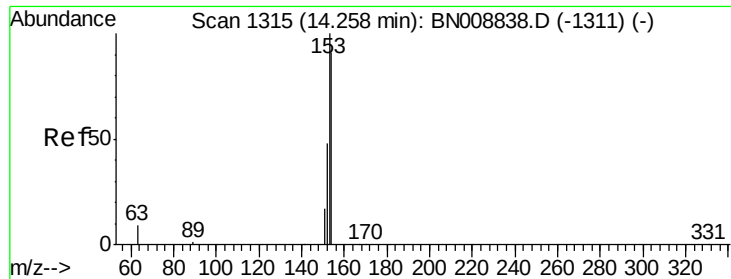
Tot Ion:172 Resp: 124303
Ion Ratio Lower Upper
172 100
171 35.4 28.9 43.3
170 23.6 19.7 29.5



#16
Acenaphthylene
Concen: 3.043 ng
RT: 13.91 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN008841.D
Acq: 04 Dec 2019 14:19

Tgt Ion:152 Resp: 162265
Ion Ratio Lower Upper
152 100
151 19.2 15.4 23.2
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 2.900 ng

RT: 14.26 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

BNA_N

ClientSampleId :

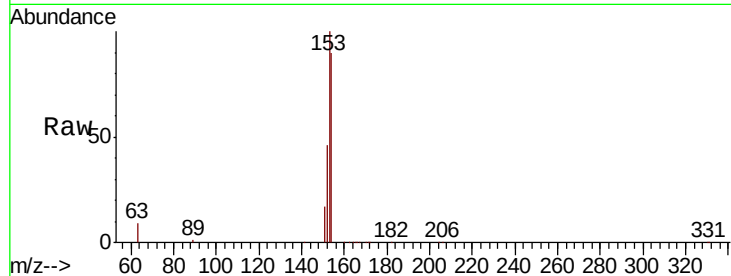
Tot Ion:154 Resp: 99712

Ion Ratio Lower Upper

154 100

153 111.6 89.4 134.2

152 53.1 43.8 65.8

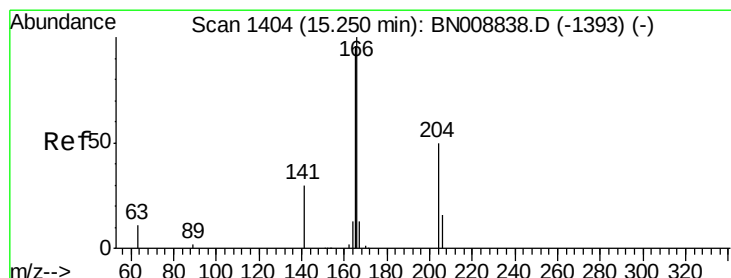
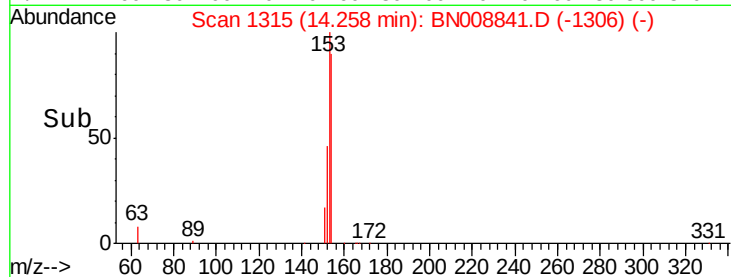
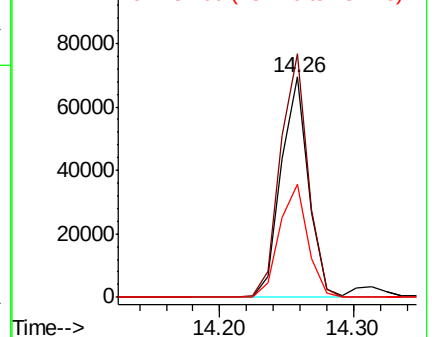


Abundance

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: 3.011 ng

RT: 15.25 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

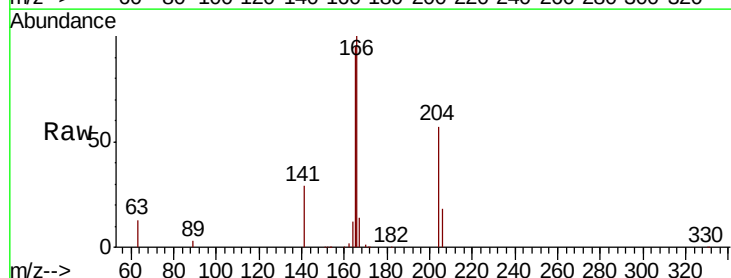
Tgt Ion:166 Resp: 132686

Ion Ratio Lower Upper

166 100

165 96.3 77.0 115.6

167 13.5 10.8 16.2

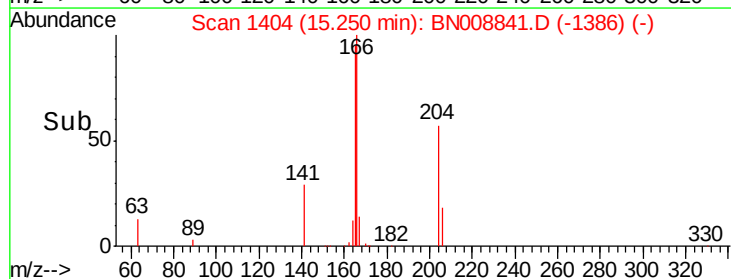
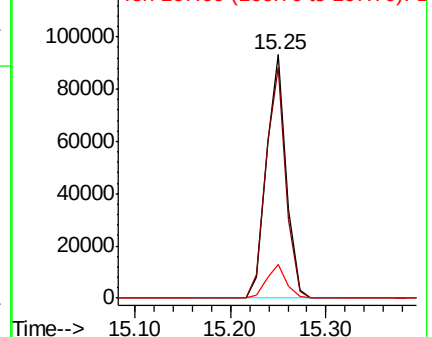


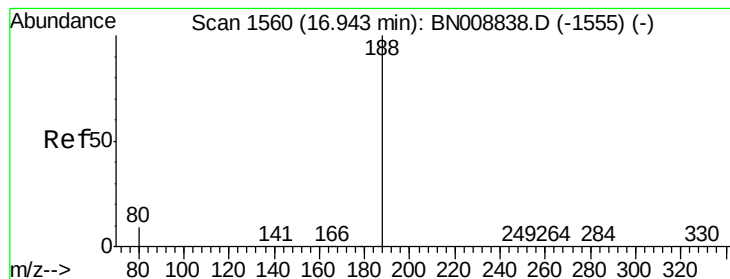
Abundance

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: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

BNA_N

ClientSampleId :

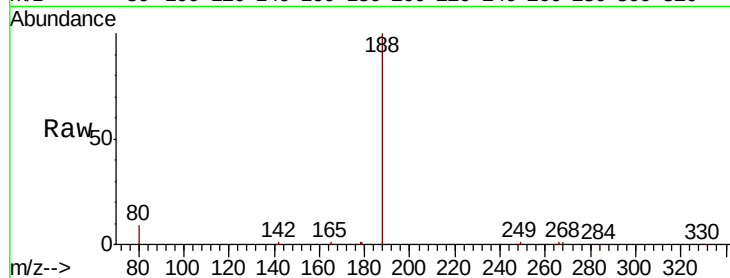
Tot Ion:188 Resp: 21924

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

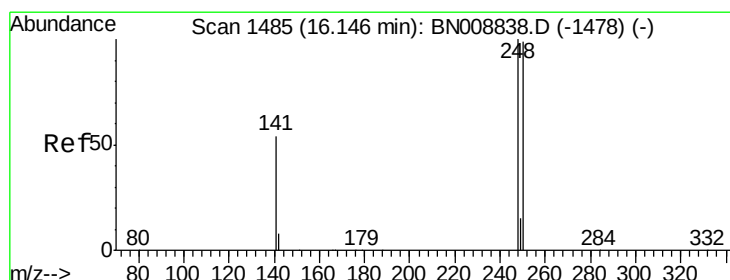
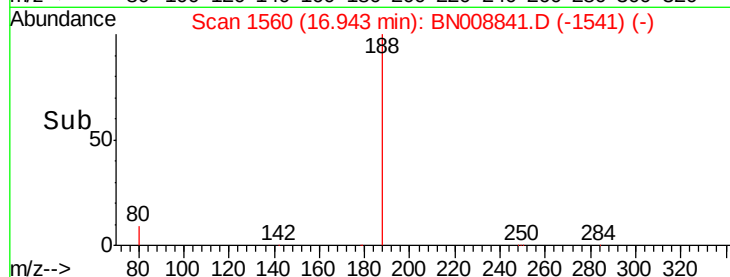
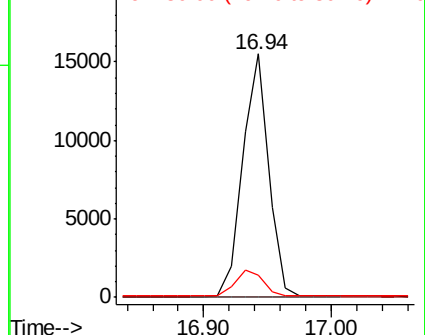
80 9.1 7.4 11.2



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: 3.291 ng

RT: 16.15 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

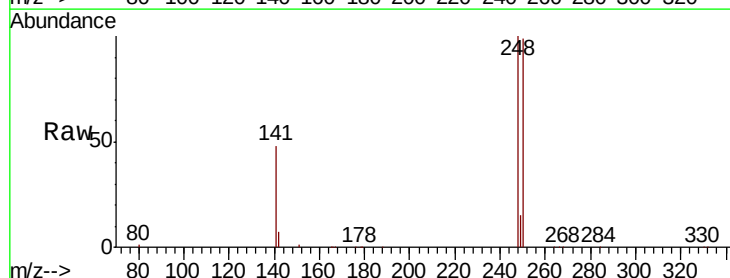
Tgt Ion:248 Resp: 43796

Ion Ratio Lower Upper

248 100

250 99.3 79.7 119.5

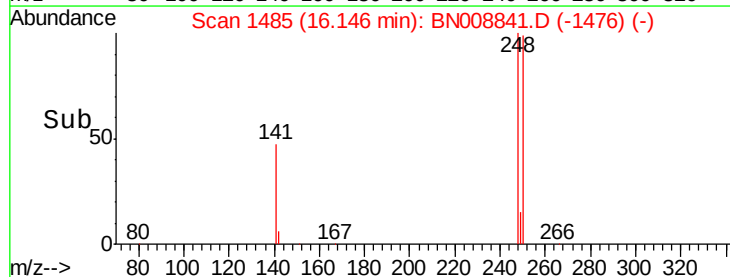
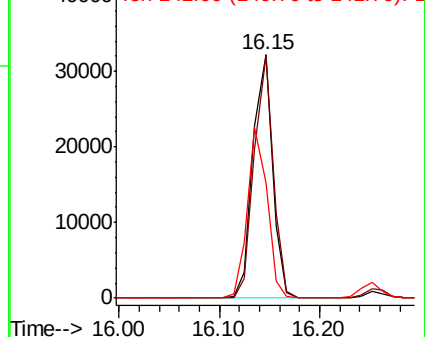
141 47.6 44.7 67.1

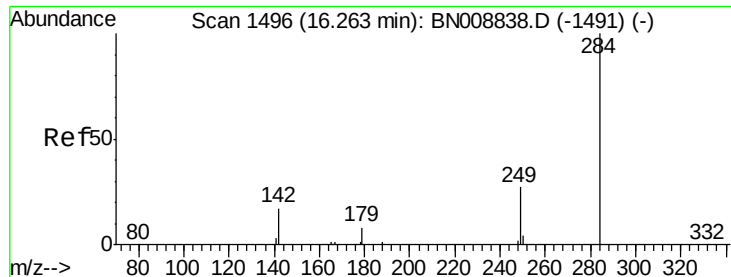


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 3.373 ng

RT: 16.26 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

BNA_N

ClientSampleId :

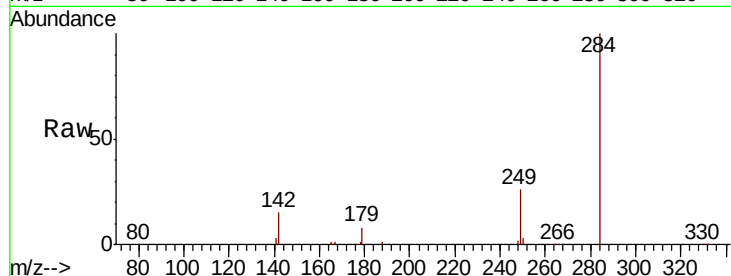
Tot Ion:284 Resp: 49076

Ion Ratio Lower Upper

284 100

142 31.7 25.4 38.0

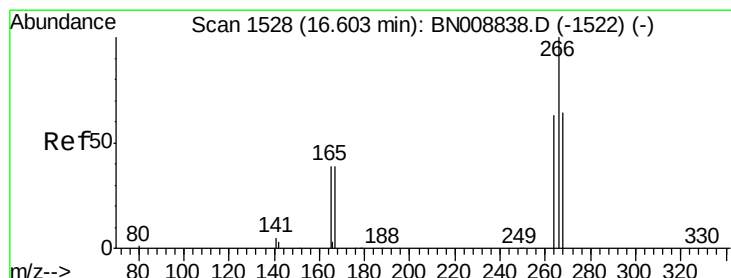
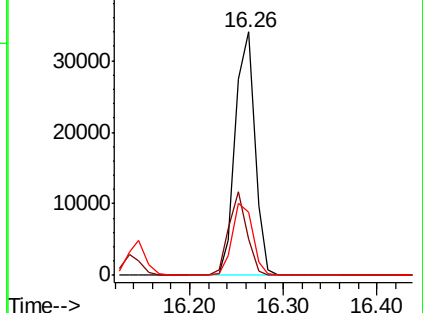
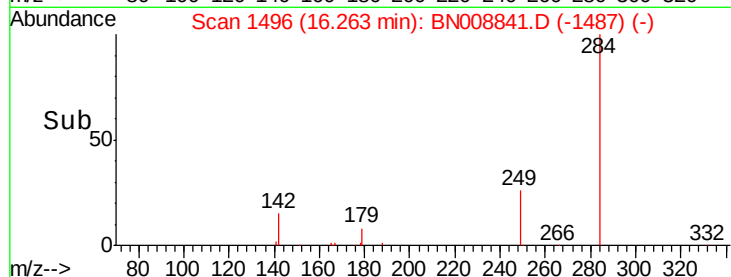
249 30.7 24.3 36.5



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: 4.199 ng

RT: 16.60 min Scan# 1528

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

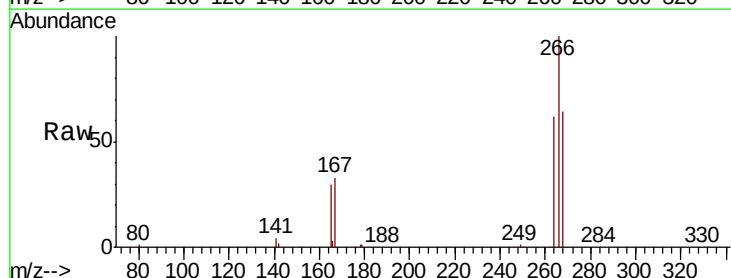
Tgt Ion:266 Resp: 22526

Ion Ratio Lower Upper

266 100

264 61.6 51.0 76.4

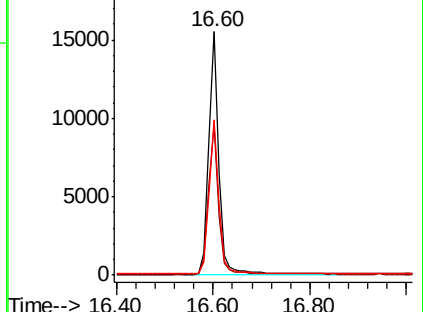
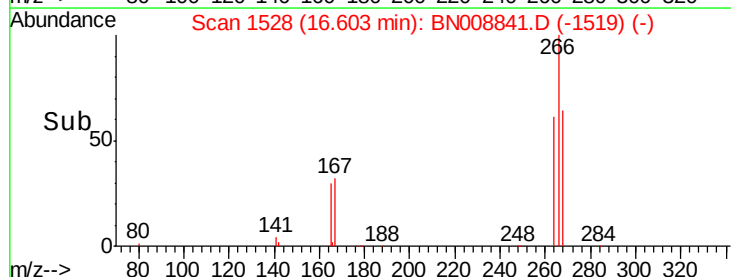
268 63.8 53.7 80.5

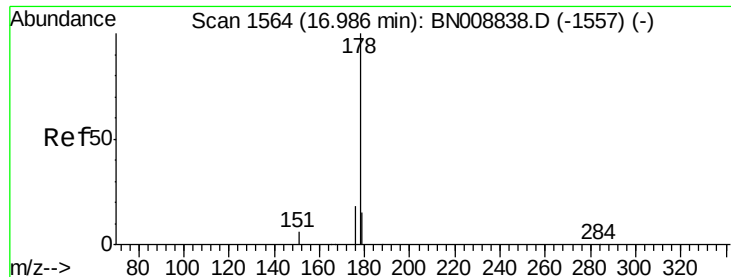


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 3.269 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

BNA_N

ClientSampleId :

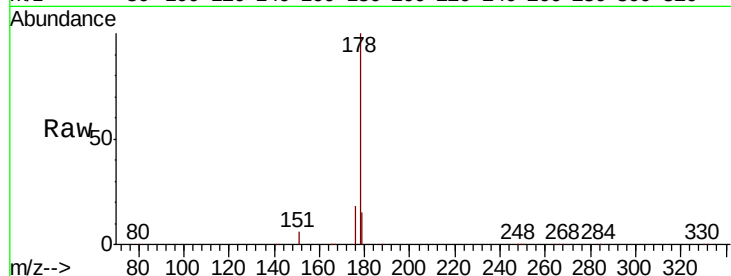
Tot Ion:178 Resp: 223291

Ion Ratio Lower Upper

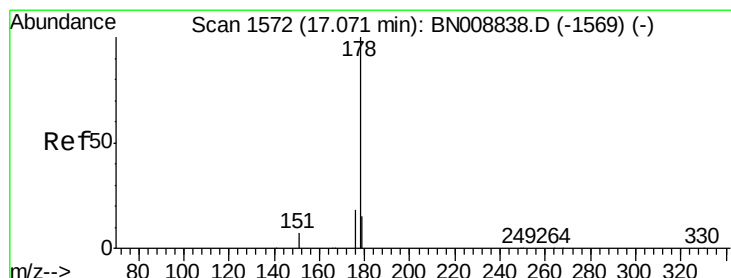
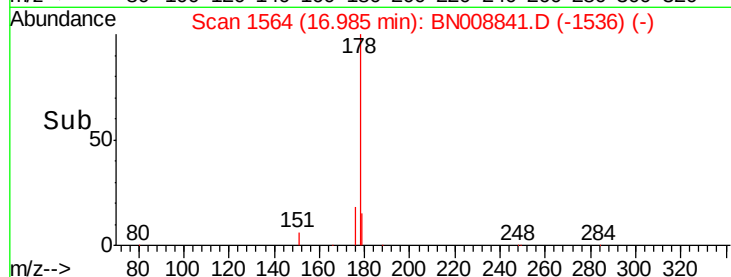
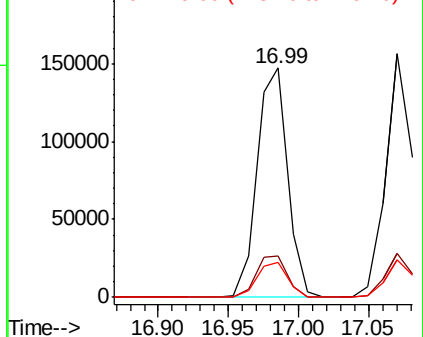
178 100

176 18.5 14.8 22.2

179 15.3 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: 3.421 ng

RT: 17.07 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

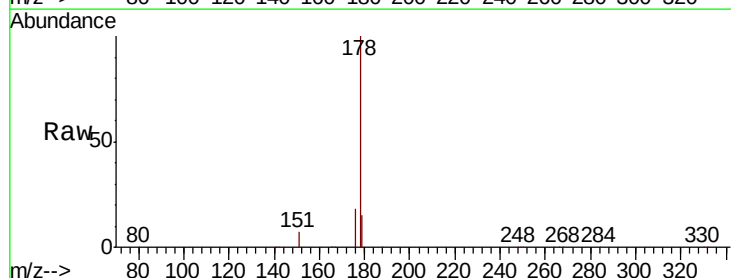
Tgt Ion:178 Resp: 211038

Ion Ratio Lower Upper

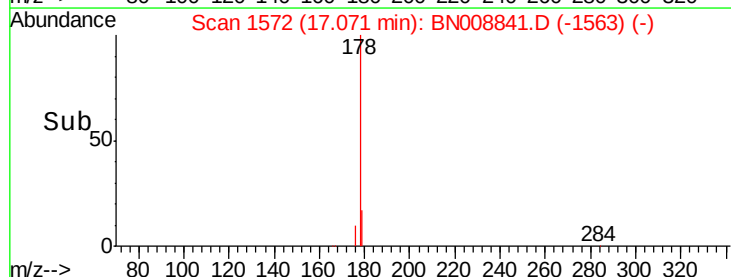
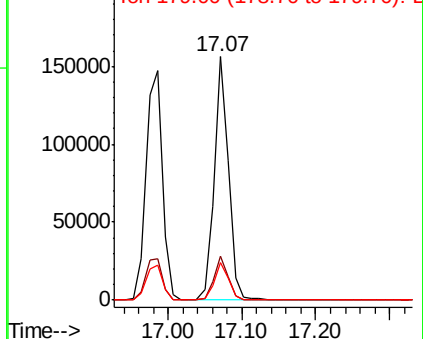
178 100

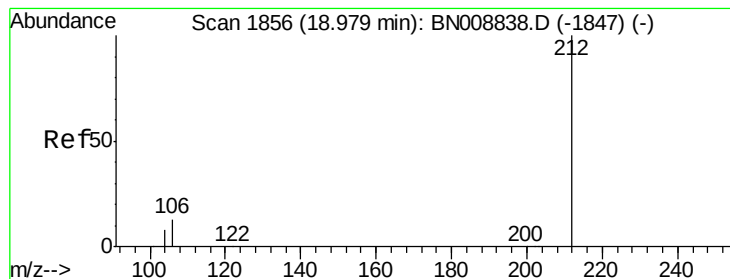
176 17.8 14.3 21.5

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





#25

Fluoranthene-d10

Concen: 3.011 ng

RT: 18.98 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

BNA_N

ClientSampleId :

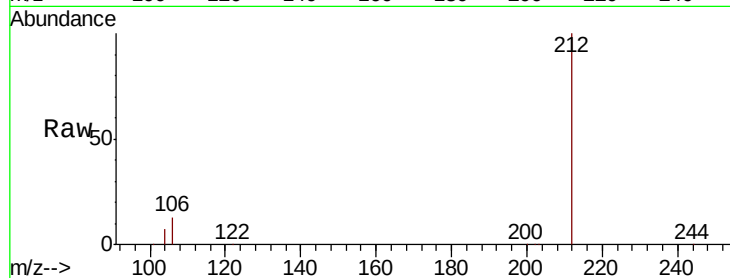
Tot Ion:212 Resp: 222454

Ion Ratio Lower Upper

212 100

106 13.5 10.7 16.1

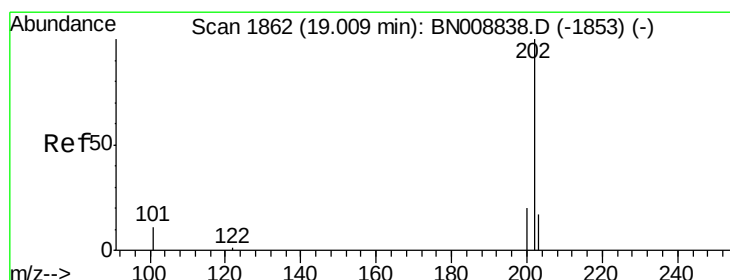
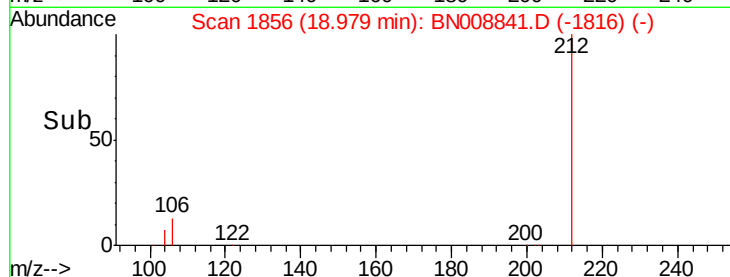
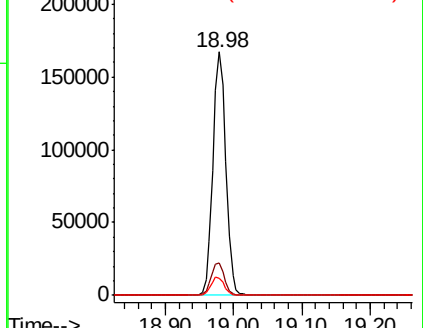
104 7.6 6.1 9.1



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: 3.166 ng

RT: 19.01 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

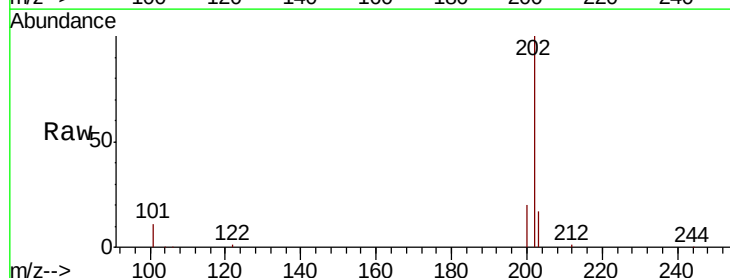
Tgt Ion:202 Resp: 268890

Ion Ratio Lower Upper

202 100

101 11.5 9.3 13.9

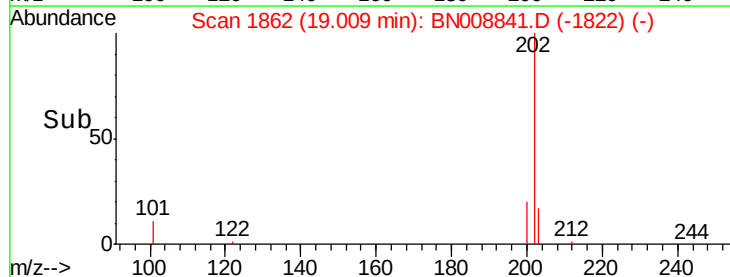
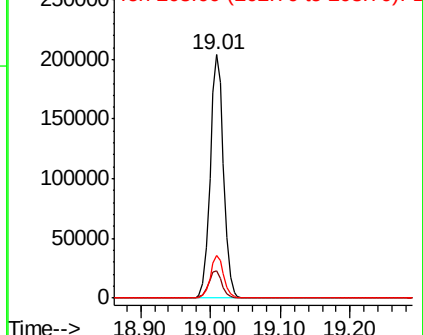
203 17.3 13.7 20.5

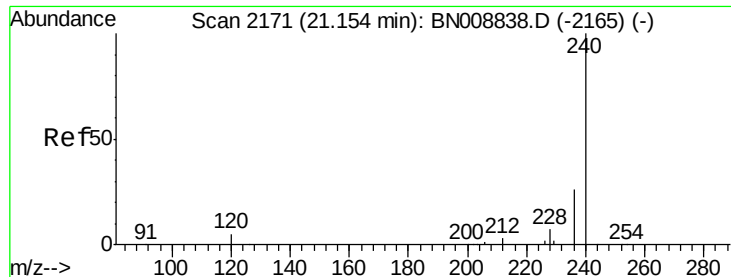


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

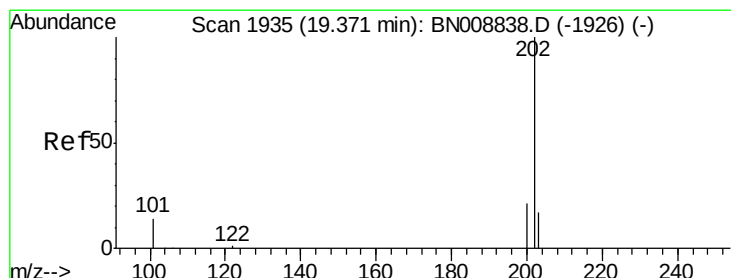
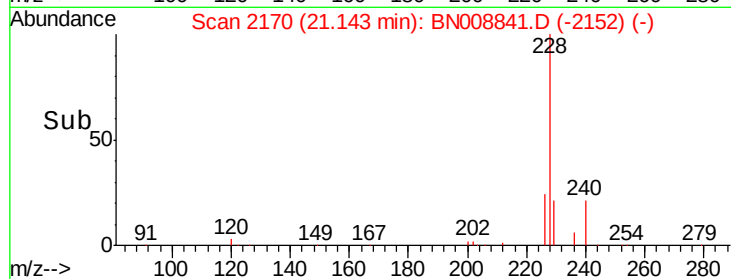
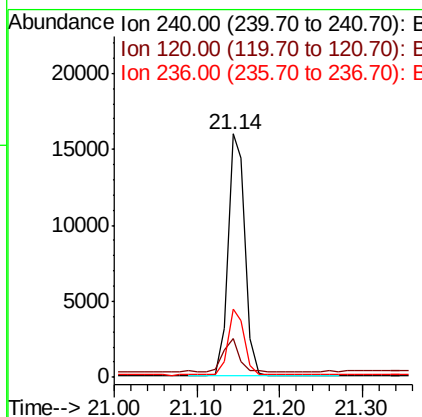
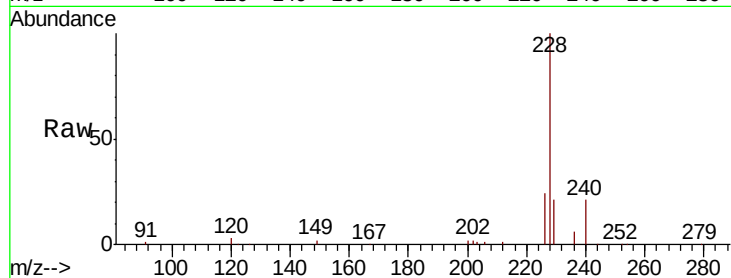




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.14 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BN008841.D
 Acq: 04 Dec 2019 14:19

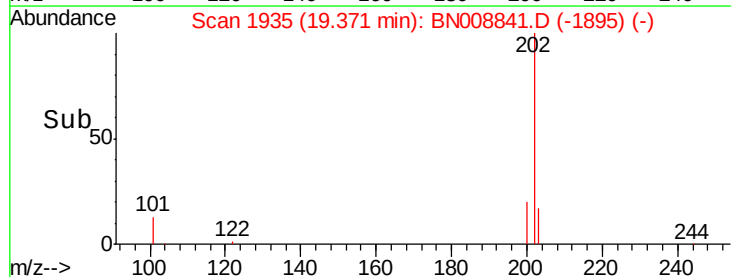
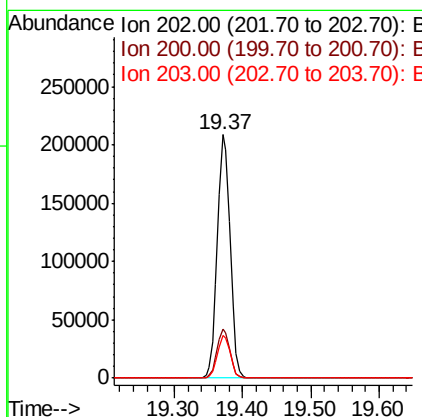
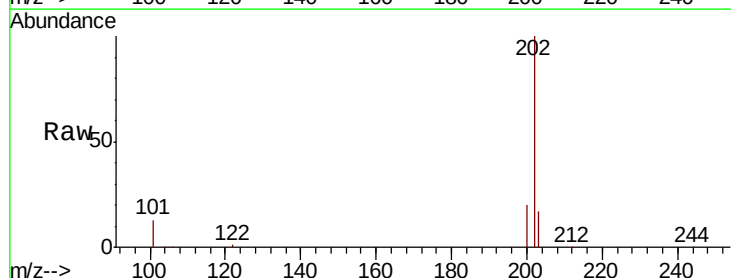
Instrument :
 BNA_N
 ClientSampleId :

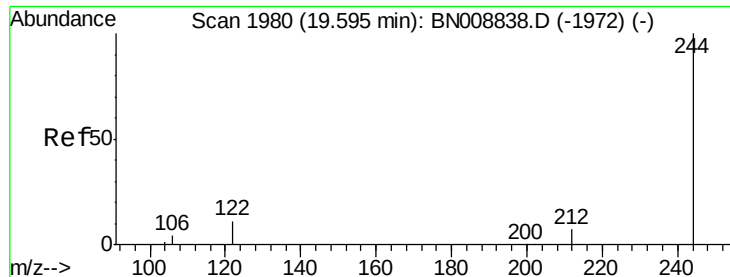
Tot Ion:240 Resp: 23179
 Ion Ratio Lower Upper
 240 100
 120 16.2 6.0 9.0#
 236 28.0 21.4 32.0



#28
 Pyrene
 Concen: 3.447 ng
 RT: 19.37 min Scan# 1935
 Delta R.T. -0.00 min
 Lab File: BN008841.D
 Acq: 04 Dec 2019 14:19

Tgt Ion:202 Resp: 272516
 Ion Ratio Lower Upper
 202 100
 200 20.2 16.2 24.2
 203 17.4 14.2 21.2





#29

Terphenyl-d14

Concen: 3.150 ng

RT: 19.59 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

BNA_N

ClientSampleId :

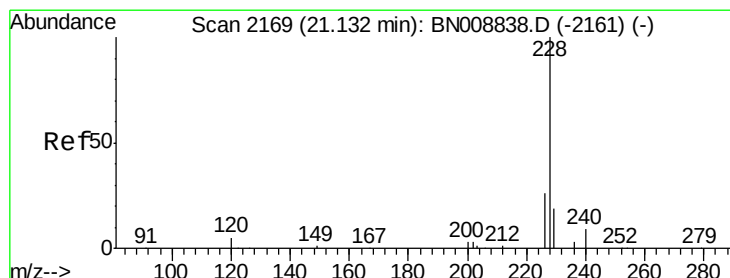
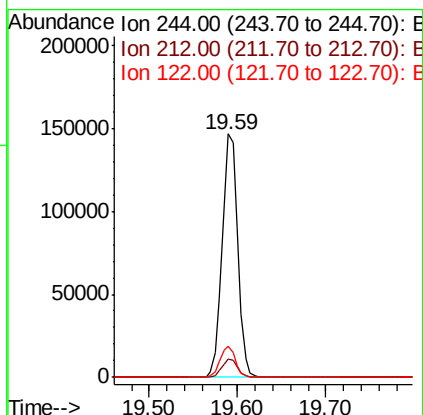
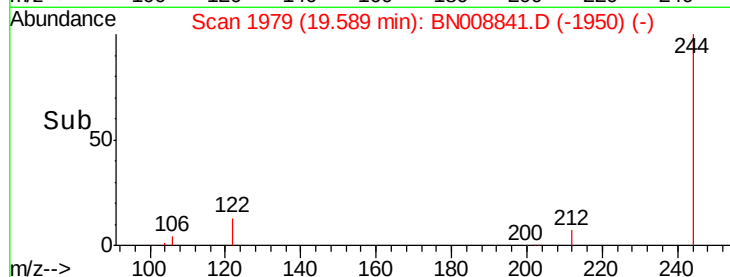
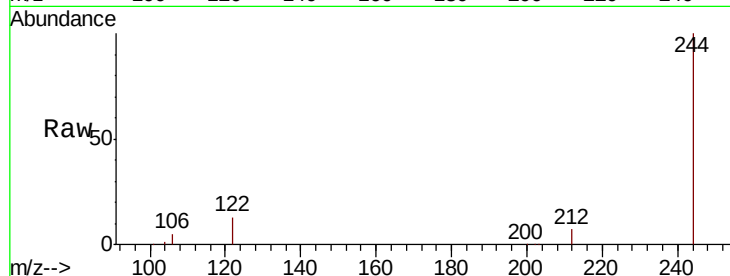
Tot Ion:244 Resp: 179332

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 12.8 8.9 13.3



#30

Benzo(a)anthracene

Concen: 3.275 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

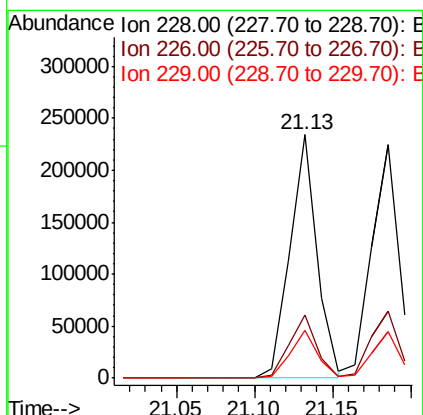
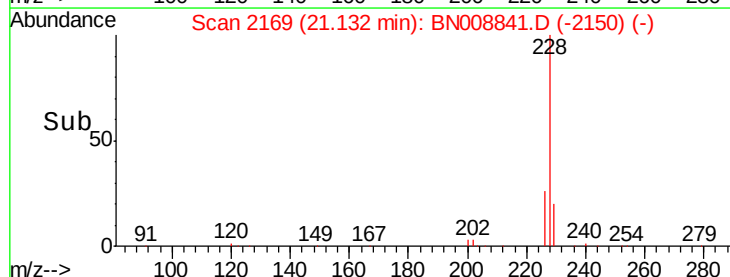
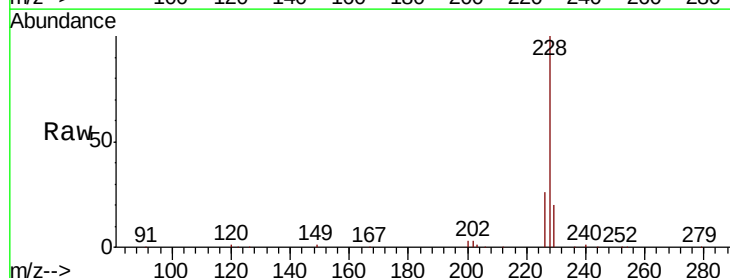
Tgt Ion:228 Resp: 279574

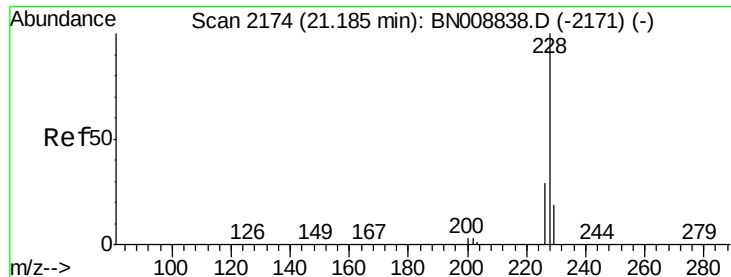
Ion Ratio Lower Upper

228 100

226 26.0 20.8 31.2

229 19.7 15.9 23.9





#31

Chrysene

Concen: 3.287 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

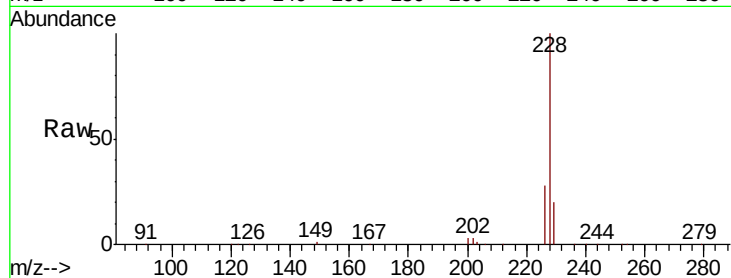
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 273447

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.1	34.7
229	19.8	15.8	23.8

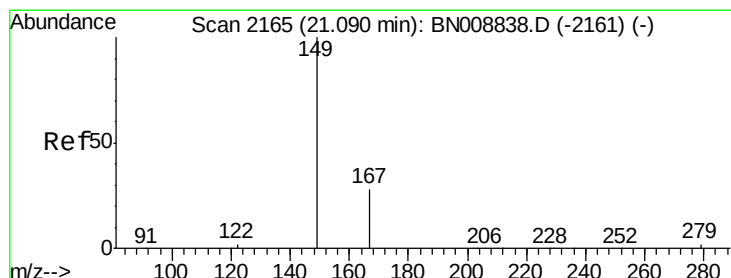
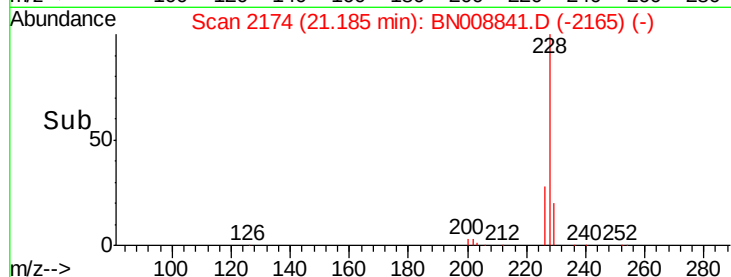
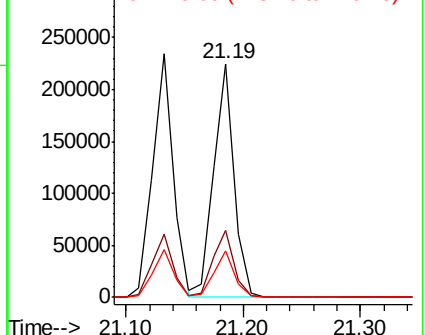


Abundance

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: 3.918 ng

RT: 21.09 min Scan# 2165

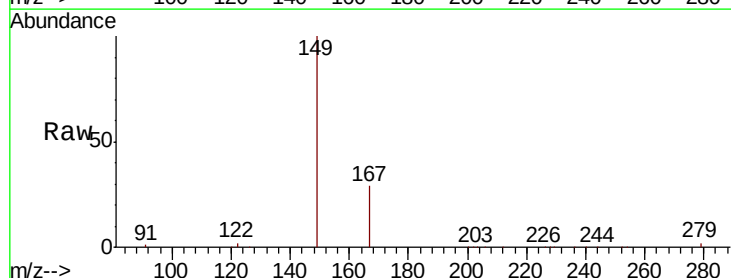
Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Tgt Ion:149 Resp: 171984

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.1	34.7
279	4.1	3.4	5.2

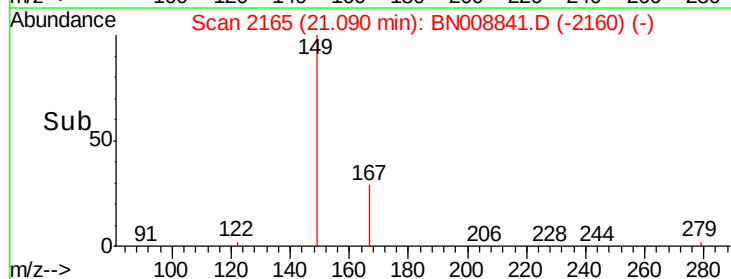
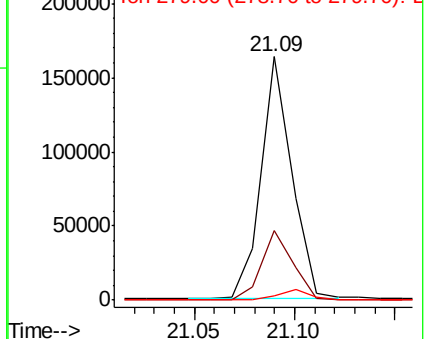


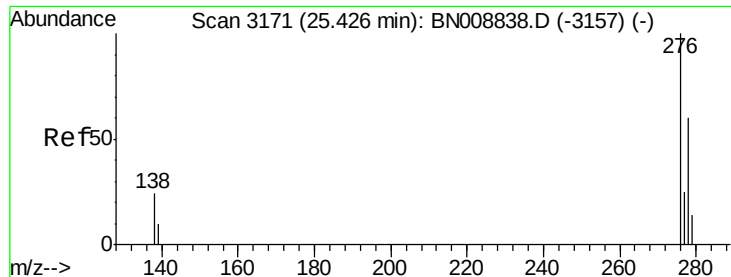
Abundance

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

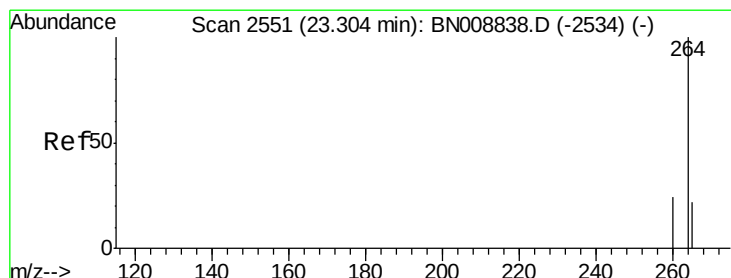
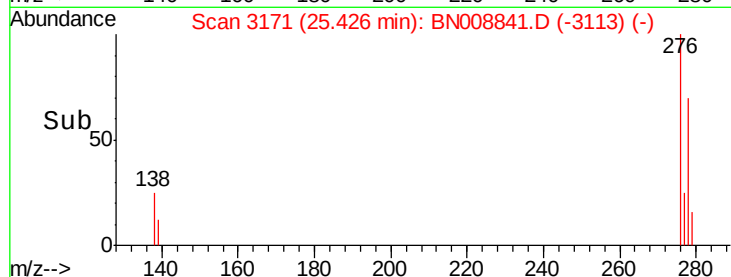
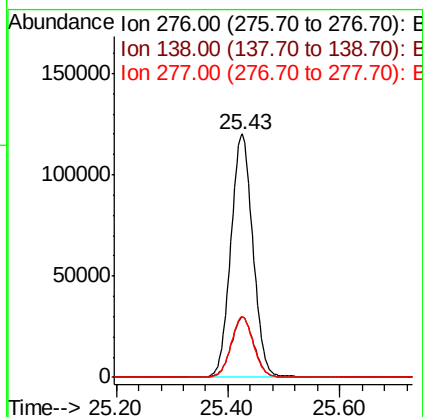
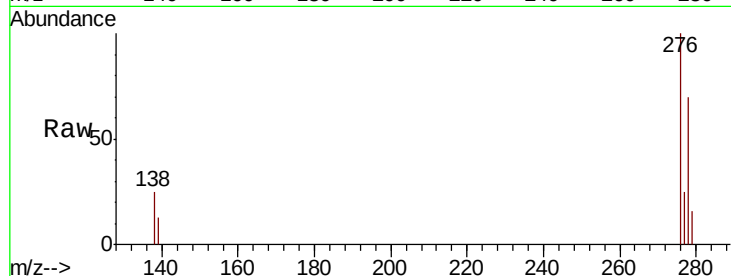




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 3.132 ng
 RT: 25.43 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: BN008841.D
 Acq: 04 Dec 2019 14:19

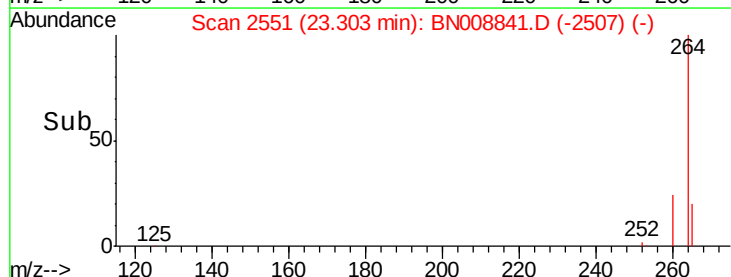
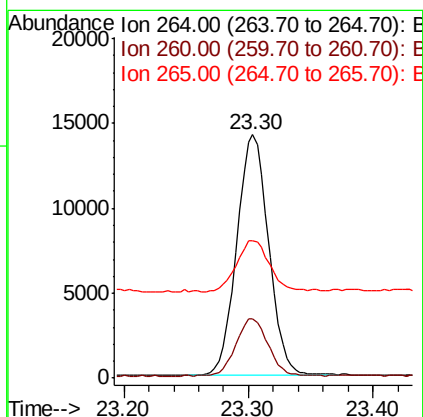
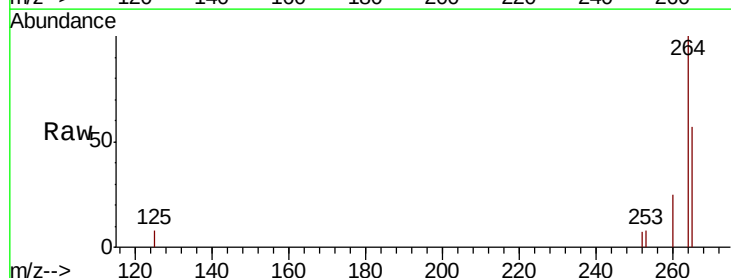
Instrument :
 BNA_N
 ClientSampleId :

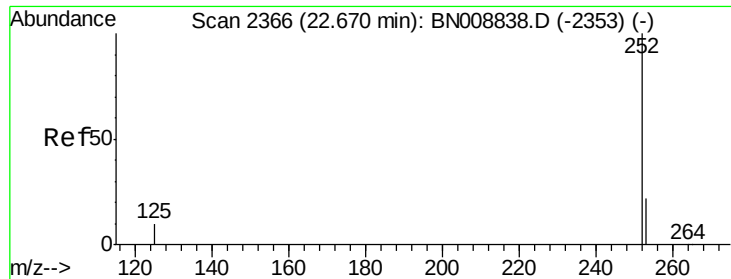
Tot Ion:276 Resp: 326170
 Ion Ratio Lower Upper
 276 100
 138 25.2 20.2 30.2
 277 24.9 19.8 29.6



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.30 min Scan# 2551
 Delta R.T. -0.00 min
 Lab File: BN008841.D
 Acq: 04 Dec 2019 14:19

Tgt Ion:264 Resp: 25115
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.9 29.9
 265 56.6 46.8 70.2





#35

Benzo(b)fluoranthene

Concen: 3.177 ng

RT: 22.67 min Scan# 2365

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

BNA_N

ClientSampleId :

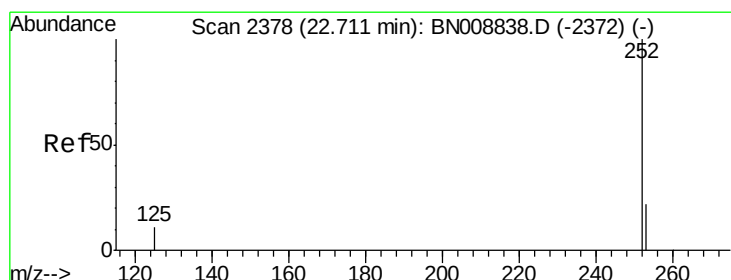
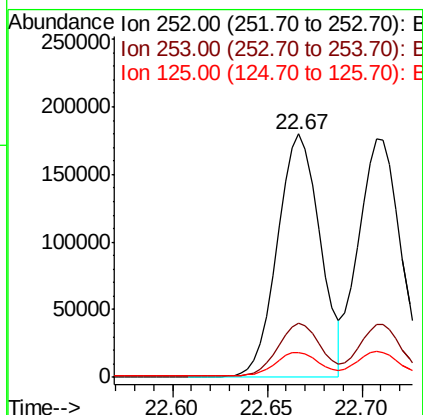
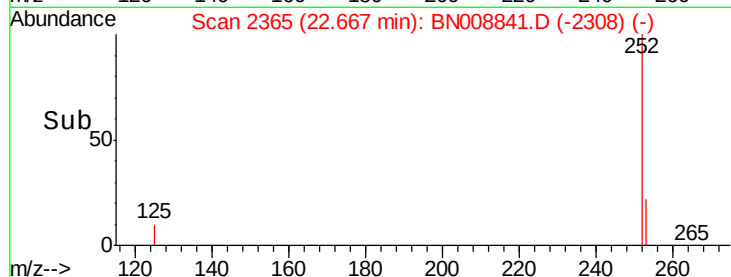
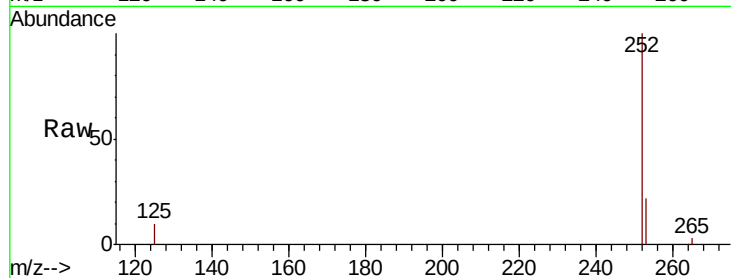
Tot Ion:252 Resp: 277032

Ion Ratio Lower Upper

252 100

253 22.2 20.6 31.0

125 10.3 12.3 18.5#



#36

Benzo(k)fluoranthene

Concen: 3.160 ng

RT: 22.71 min Scan# 2377

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

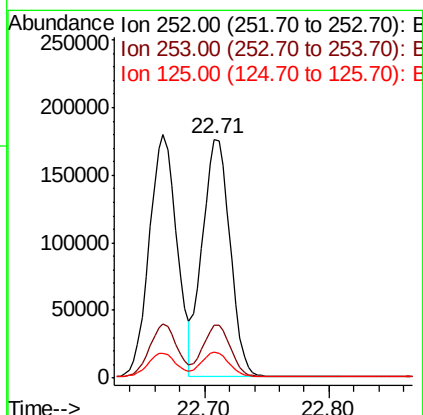
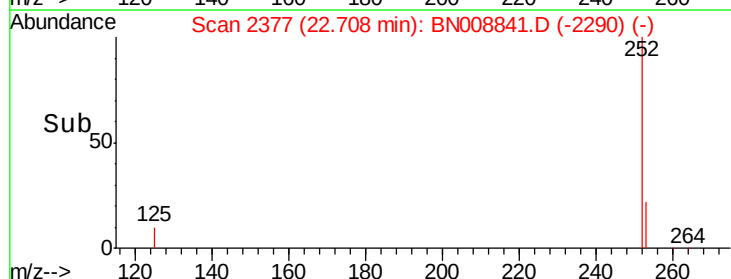
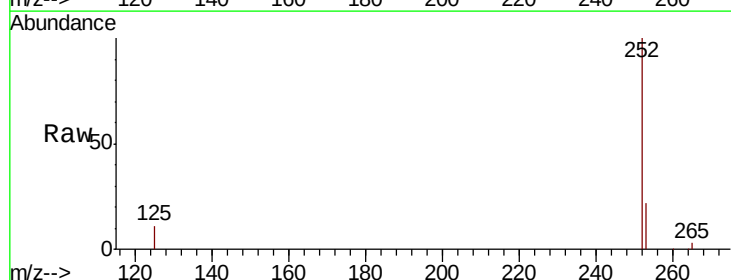
Tgt Ion:252 Resp: 272408

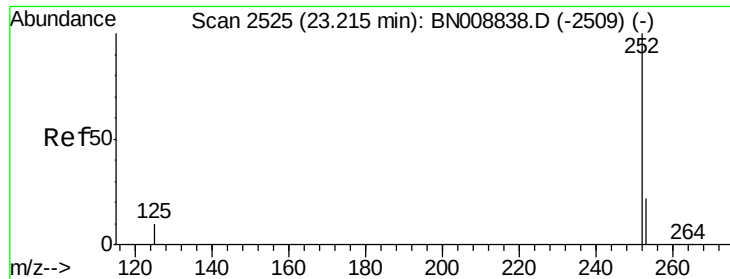
Ion Ratio Lower Upper

252 100

253 22.2 21.0 31.4

125 10.9 13.5 20.3#





#37

Benzo(a)pyrene

Concen: 3.185 ng

RT: 23.21 min Scan# 2524

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

BNA_N

ClientSampleId :

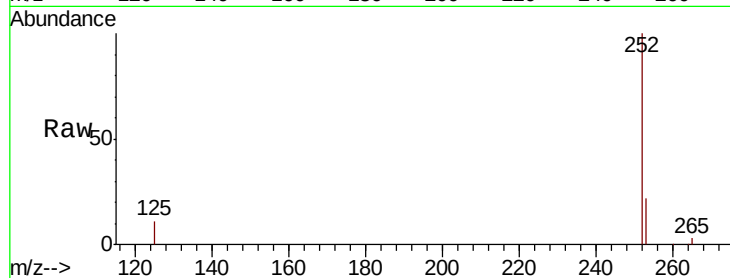
Tot Ion:252 Resp: 260974

Ion Ratio Lower Upper

252 100

253 22.3 21.4 32.2

125 11.4 13.7 20.5#

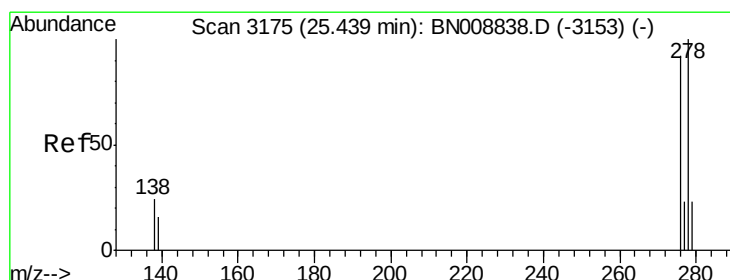
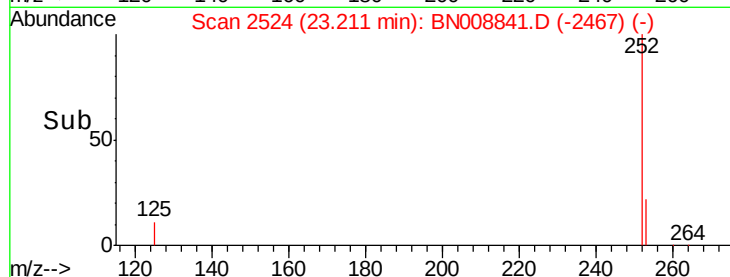
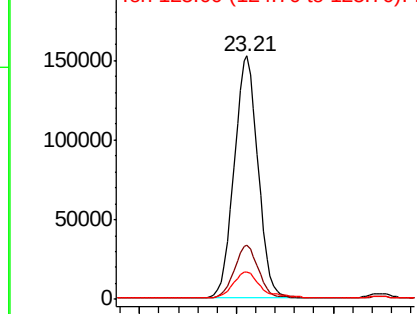


Abundance

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: 3.144 ng

RT: 25.44 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

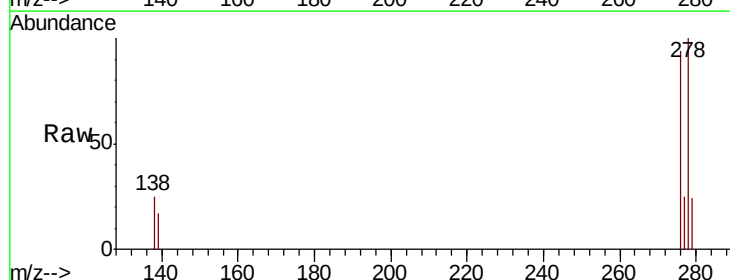
Tgt Ion:278 Resp: 263558

Ion Ratio Lower Upper

278 100

139 16.6 15.3 22.9

279 23.7 21.2 31.8

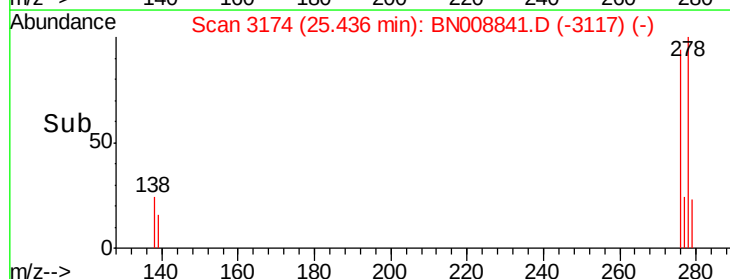
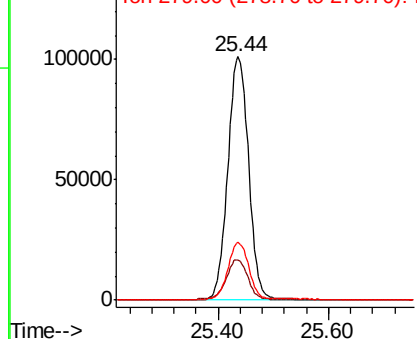


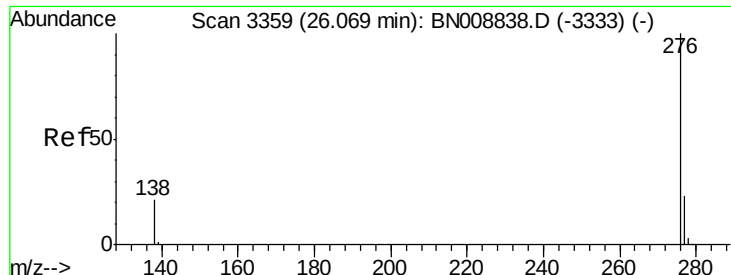
Abundance

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: 3.238 ng

RT: 26.07 min Scan# 3358

Delta R.T. -0.00 min

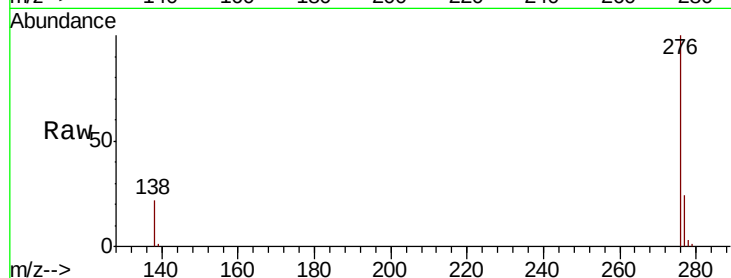
Lab File: BN008841.D

Acq: 04 Dec 2019 14:19

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 268640

Ion Ratio Lower Upper

276 100

277 23.8 20.1 30.1

138 21.8 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

