

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120419\
 Data File : BN008843.D
 Acq On : 04 Dec 2019 16:11
 Operator : JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN120419

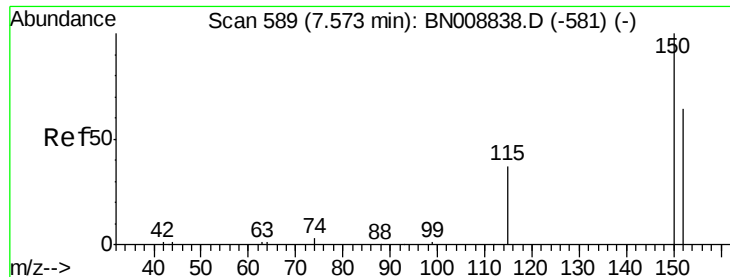
Quant Time: Dec 04 16:44:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 15:42:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	3141	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	13101	0.40	ng	-0.01
13) Acenaphthene-d10	14.19	164	9133	0.40	ng	0.00
19) Phenanthrene-d10	16.94	188	20985	0.40	ng	0.00
27) Chrysene-d12	21.15	240	22489	0.40	ng	0.00
34) Perylene-d12	23.31	264	25215	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	3306	0.39	ng	0.00
5) Phenol-d6	6.75	99	4391	0.38	ng	0.00
8) Nitrobenzene-d5	8.69	82	4310	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	11.92	152	8283	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	1812	0.36	ng	-0.01
15) 2-Fluorobiphenyl	12.81	172	13156	0.38	ng	0.00
25) Fluoranthene-d10	18.98	212	24026	0.38	ng	0.00
29) Terphenyl-d14	19.59	244	19680	0.38	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	1202	0.398	ng	# 100
3) n-Nitrosodimethylamine	3.51	42	1672	0.401	ng	# 100
6) bis(2-Chloroethyl)ether	7.00	93	4008	0.385	ng	98
9) Naphthalene	10.37	128	13513	0.387	ng	99
10) Hexachlorobutadiene	10.67	225	2679	0.389	ng	# 99
12) 2-Methylnaphthalene	11.99	142	9820	0.381	ng	98
16) Acenaphthylene	13.90	152	15673	0.368	ng	100
17) Acenaphthene	14.25	154	10180	0.377	ng	99
18) Fluorene	15.25	166	13749	0.384	ng	99
20) 4-Bromophenyl-phenylether	16.15	248	4556	0.371	ng	# 91
21) Hexachlorobenzene	16.25	284	5226	0.369	ng	98
22) Pentachlorophenol	16.60	266	1913	0.337	ng	98
23) Phenanthrene	16.97	178	24133	0.377	ng	100
24) Anthracene	17.07	178	21615	0.368	ng	100
26) Fluoranthene	19.01	202	29200	0.379	ng	100
28) Pyrene	19.37	202	30072	0.383	ng	99
30) Benzo(a)anthracene	21.13	228	31219	0.384	ng	99
31) Chrysene	21.19	228	30028	0.381	ng	100
32) Bis(2-ethylhexyl)phthalate	21.09	149	18358	0.339	ng	100
33) Indeno(1,2,3-cd)pyrene	25.43	276	38353	0.394	ng	99
35) Benzo(b)fluoranthene	22.67	252	32151	0.384	ng	99
36) Benzo(k)fluoranthene	22.71	252	31565	0.384	ng	99
37) Benzo(a)pyrene	23.21	252	30050	0.380	ng	99
38) Dibenzo(a,h)anthracene	25.44	278	31245	0.387	ng	99
39) Benzo(g,h,i)perylene	26.07	276	31484	0.385	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.56 min Scan# 588

Delta R.T. -0.01 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

Instrument :

BNA_N

ClientSampleId :

ICVBN120419

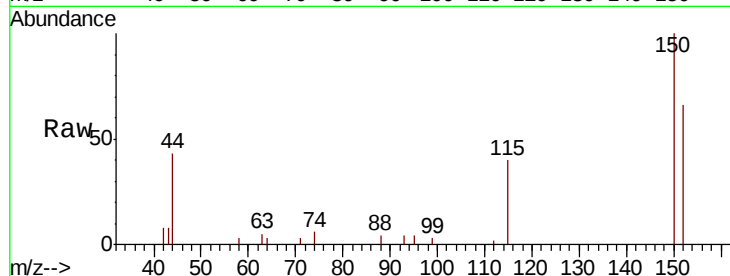
Tot Ion:152 Resp: 3141

Ion Ratio Lower Upper

152 100

150 152.0 123.9 185.9

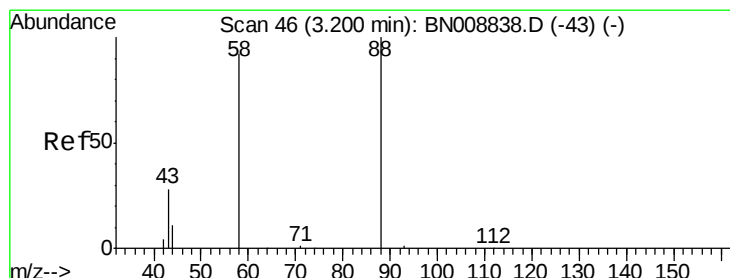
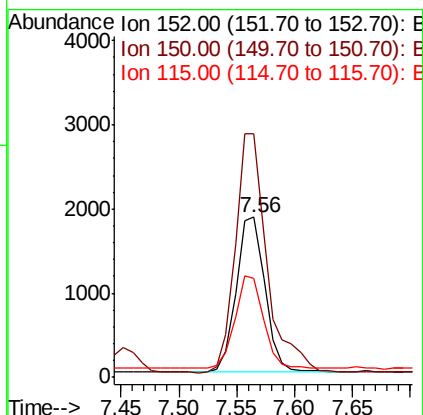
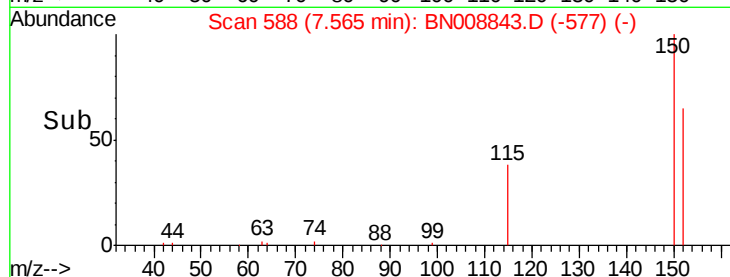
115 61.5 49.9 74.9



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: 0.398 ng

RT: 3.19 min Scan# 45

Delta R.T. -0.01 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

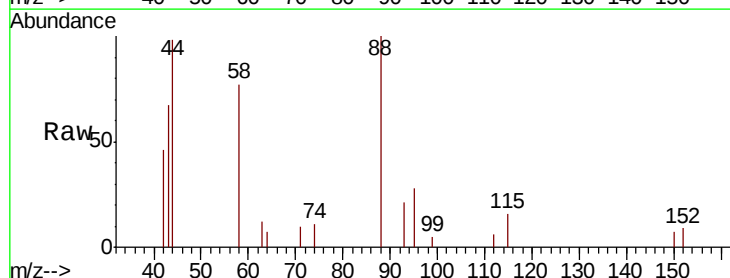
Tgt Ion: 88 Resp: 1202

Ion Ratio Lower Upper

88 100

58 103.7 0.0 0.0#

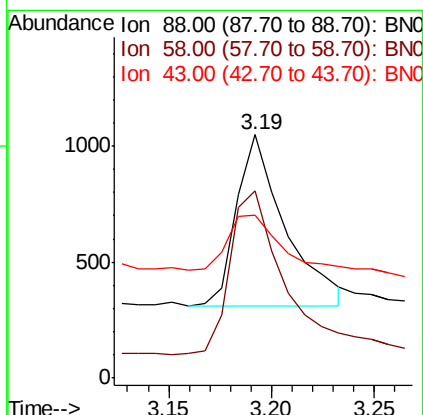
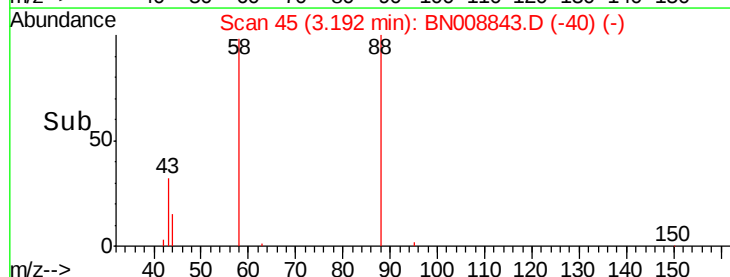
43 35.3 0.0 0.0#

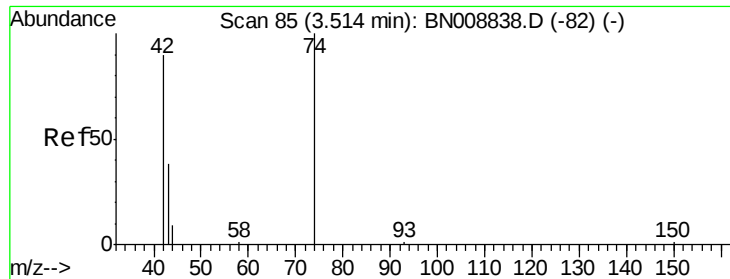


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.401 ng

RT: 3.51 min Scan# 84

Delta R.T. -0.01 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

Instrument :

BNA_N

ClientSampleId :

ICVBN120419

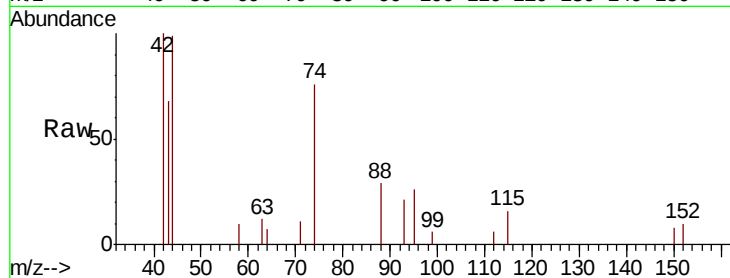
Tot Ion: 42 Resp: 1672

Ion Ratio Lower Upper

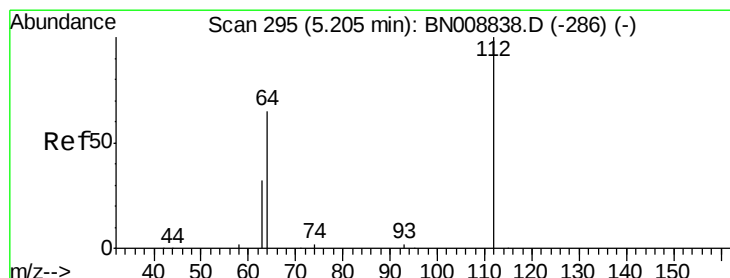
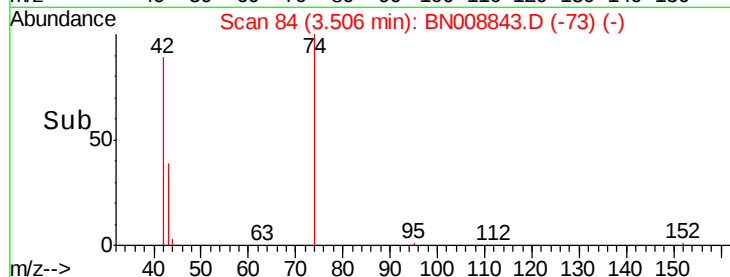
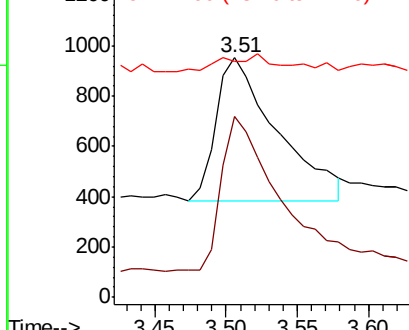
42 100

74 103.9 0.0 0.0#

44 10.0 0.0 0.0#



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



#4

2-Fluorophenol

Concen: 0.389 ng

RT: 5.20 min Scan# 294

Delta R.T. -0.01 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

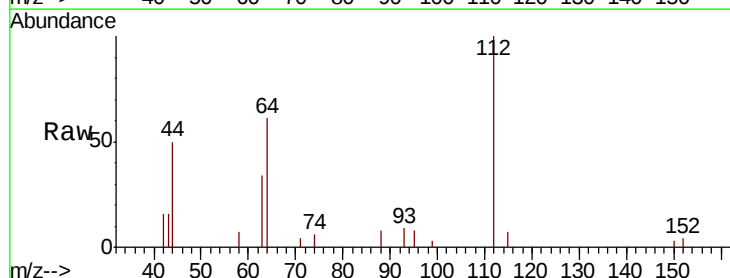
Tgt Ion: 112 Resp: 3306

Ion Ratio Lower Upper

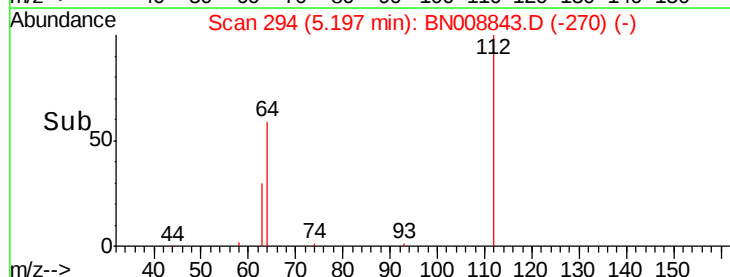
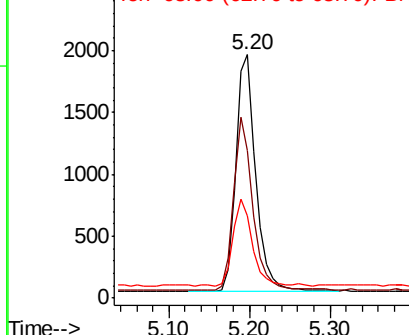
112 100

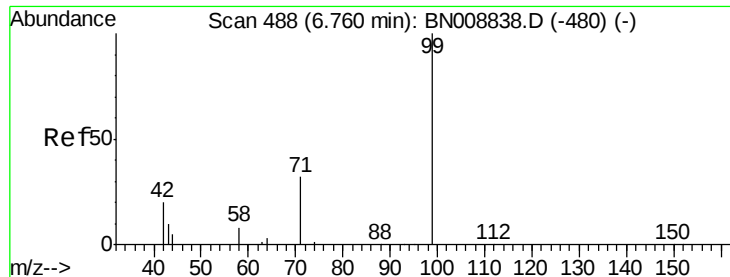
64 70.0 56.3 84.5

63 36.1 28.2 42.2



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





#5

Phenol-d6

Concen: 0.379 ng

RT: 6.75 min Scan# 487

Delta R.T. -0.01 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

Instrument :

BNA_N

ClientSampleId :

ICVBN120419

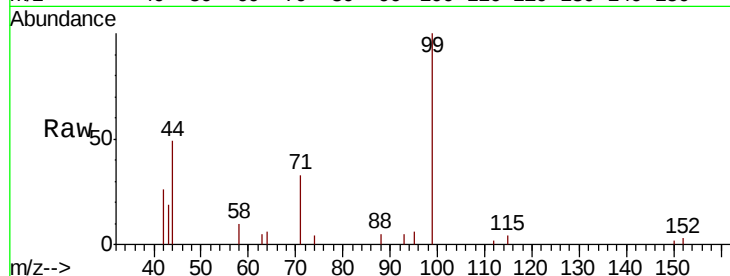
Tot Ion: 99 Resp: 4391

Ion Ratio Lower Upper

99 100

42 23.4 18.1 27.1

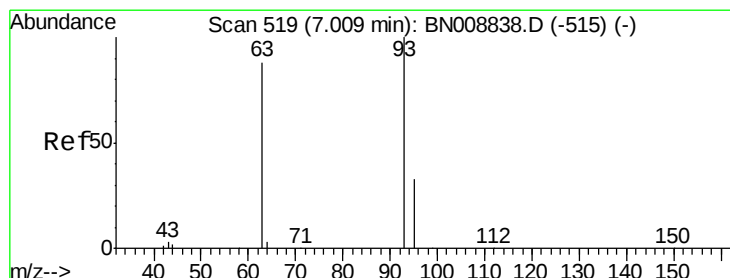
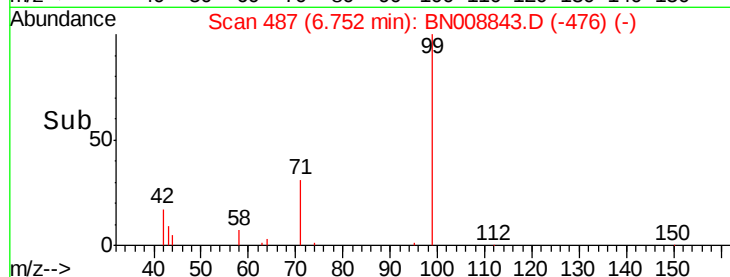
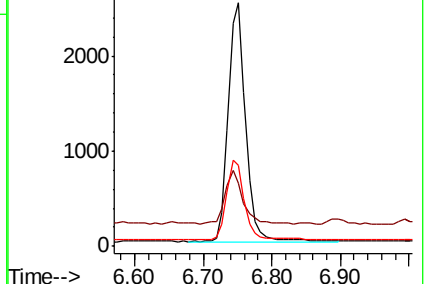
71 34.1 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN008843.D (-480) (-)

Ion 42.00 (41.70 to 42.70): BN008843.D (-480) (-)

Ion 71.00 (70.70 to 71.70): BN008843.D (-480) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.385 ng

RT: 7.00 min Scan# 518

Delta R.T. -0.01 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

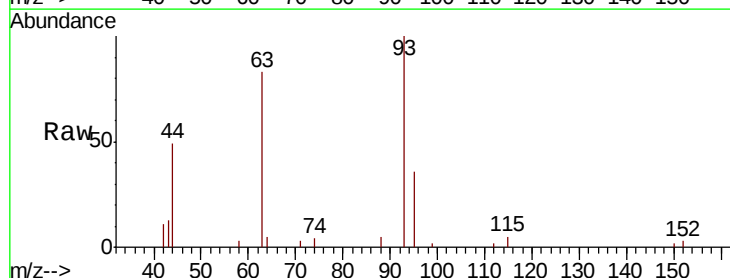
Tgt Ion: 93 Resp: 4008

Ion Ratio Lower Upper

93 100

63 92.1 72.1 108.1

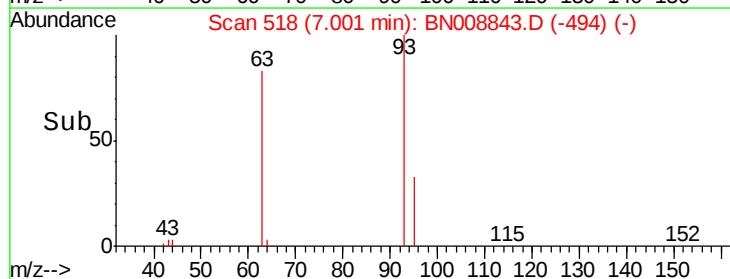
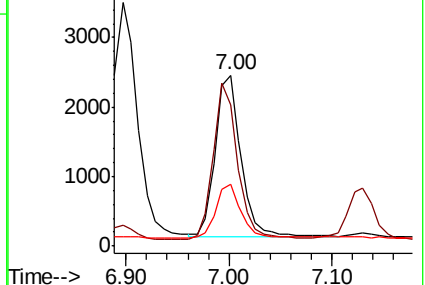
95 32.9 25.7 38.5

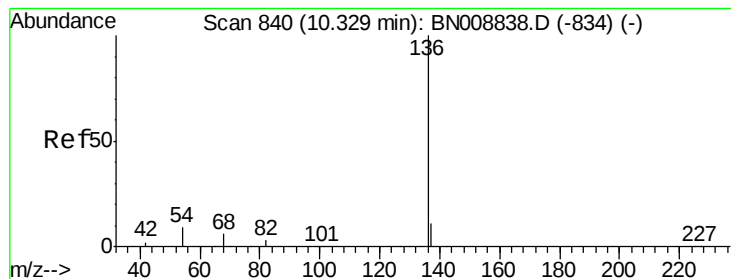


Abundance Ion 93.00 (92.70 to 93.70): BN008843.D (-515) (-)

Ion 63.00 (62.70 to 63.70): BN008843.D (-515) (-)

Ion 95.00 (94.70 to 95.70): BN008843.D (-515) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. -0.01 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

Instrument :

BNA_N

ClientSampleId :

ICVBN120419

Tot Ion:136 Resp: 13101

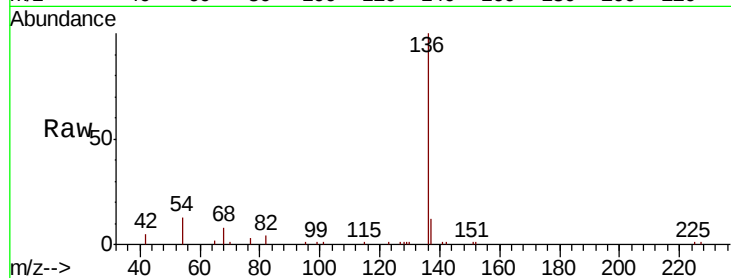
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 13.2 8.2 12.2#

68 8.2 5.4 8.2#

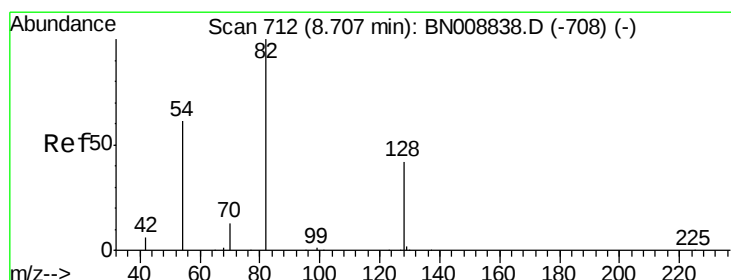
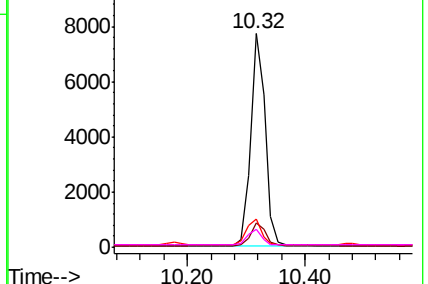
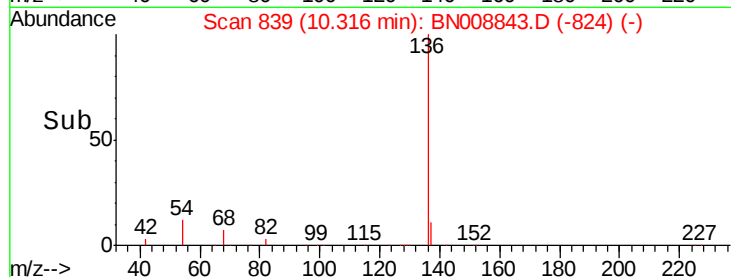


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.373 ng

RT: 8.69 min Scan# 711

Delta R.T. -0.01 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

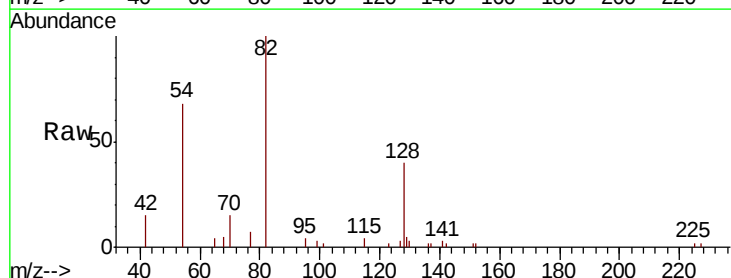
Tgt Ion: 82 Resp: 4310

Ion Ratio Lower Upper

82 100

128 40.3 35.0 52.6

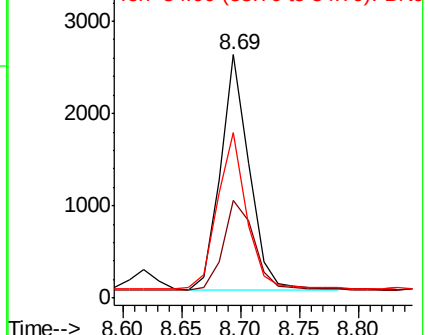
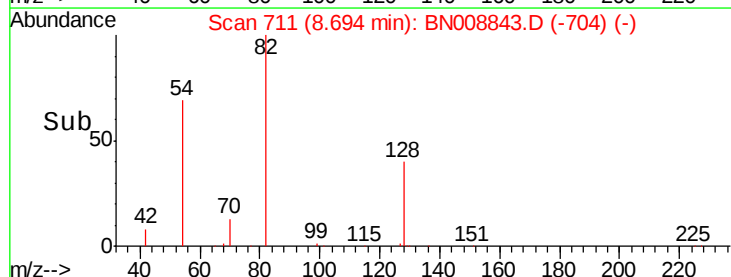
54 67.8 50.2 75.2

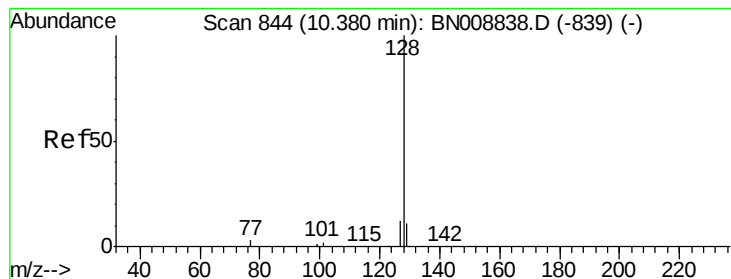


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.387 ng

RT: 10.37 min Scan# 843

Delta R.T. -0.01 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

Instrument :

BNA_N

ClientSampleId :

ICVBN120419

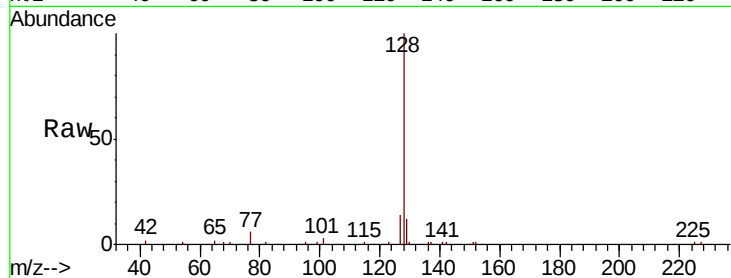
Tot Ion:128 Resp: 13513

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

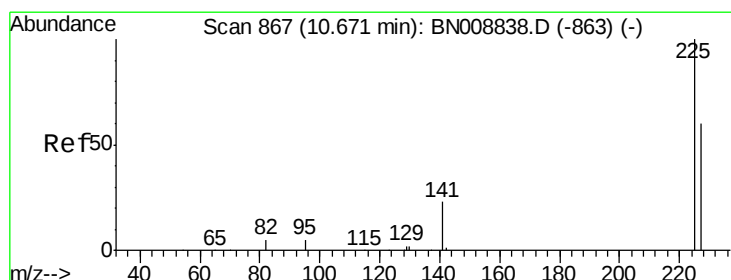
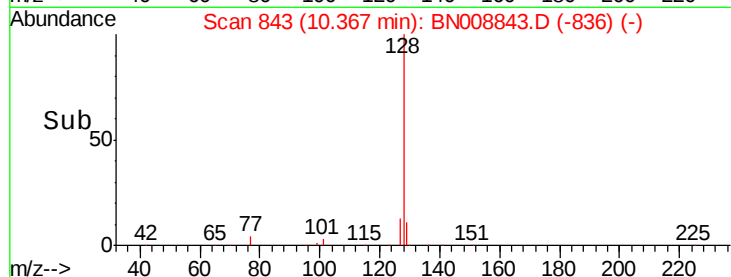
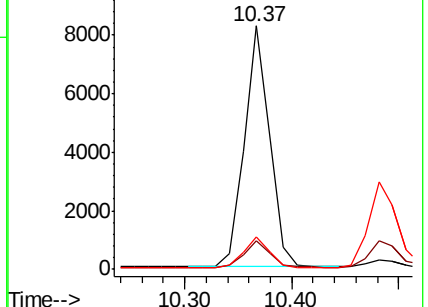
127 13.6 10.5 15.7



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: 0.389 ng

RT: 10.67 min Scan# 867

Delta R.T. -0.00 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

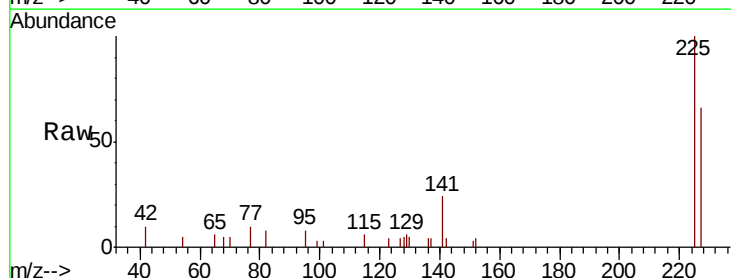
Tgt Ion:225 Resp: 2679

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

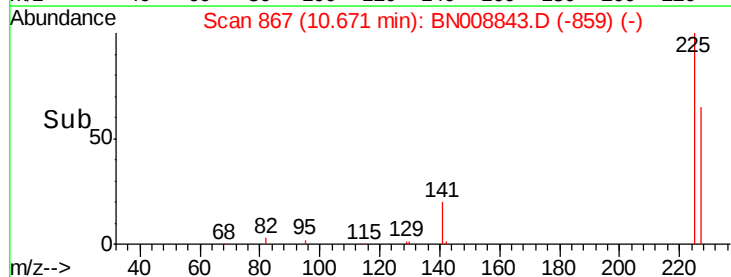
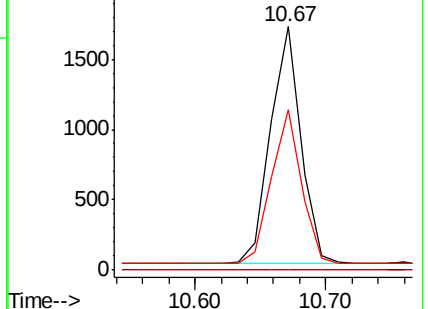
227 64.8 50.9 76.3

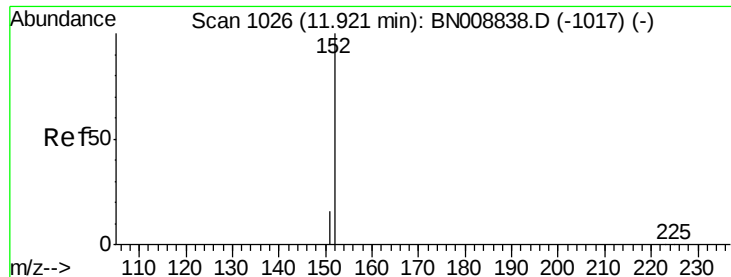


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

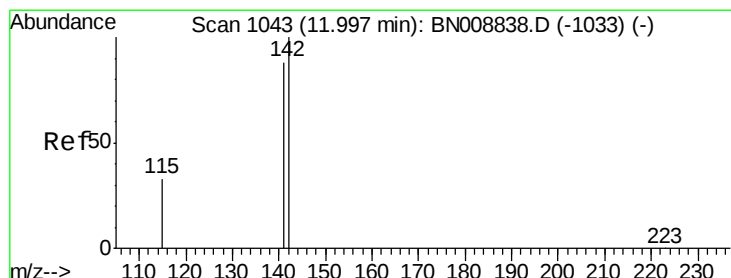
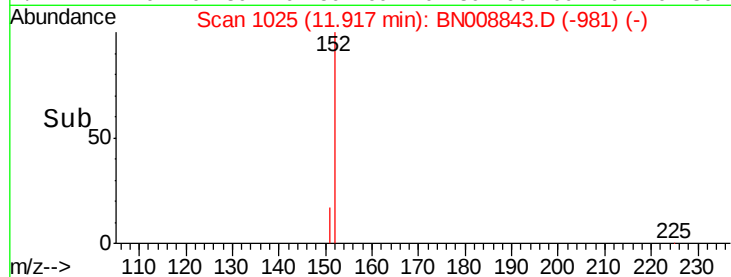
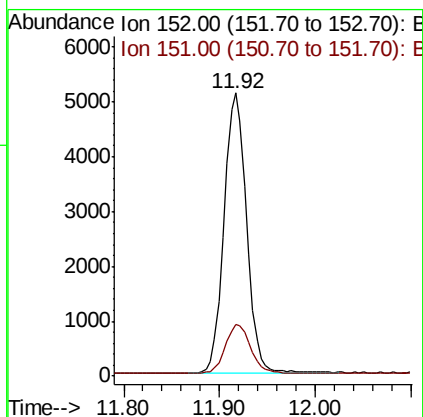
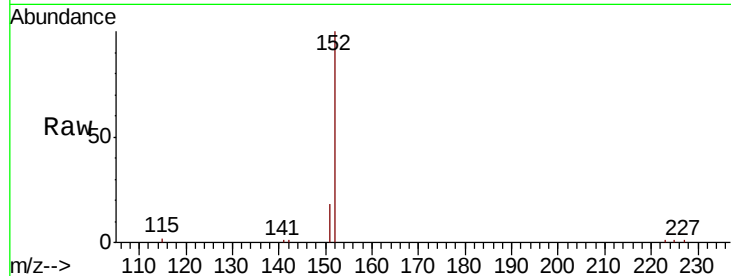




#11
 2-Methylnaphthalene-d10
 Concen: 0.381 ng
 RT: 11.92 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BN008843.D
 Acq: 04 Dec 2019 16:11

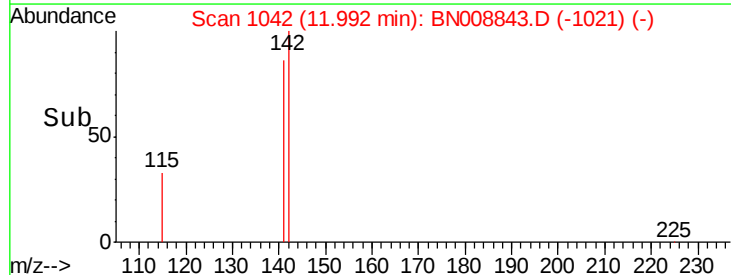
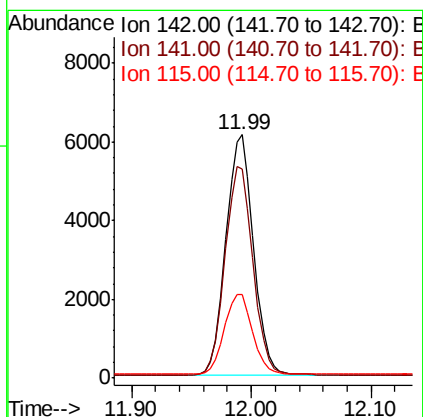
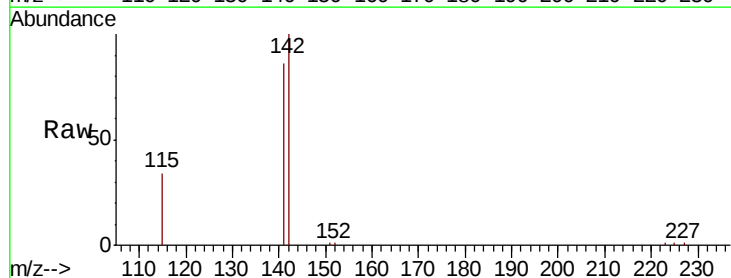
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN120419

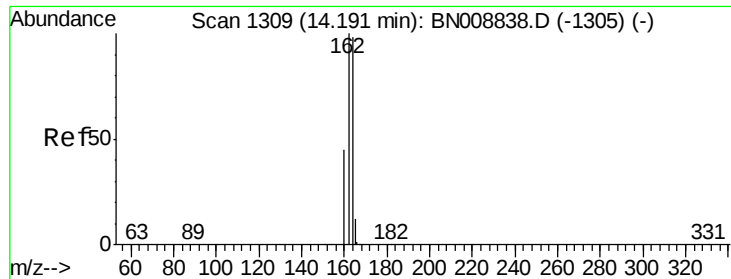
Tot Ion:152 Resp: 8283
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.2 22.8



#12
 2-Methylnaphthalene
 Concen: 0.381 ng
 RT: 11.99 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BN008843.D
 Acq: 04 Dec 2019 16:11

Tgt Ion:142 Resp: 9820
 Ion Ratio Lower Upper
 142 100
 141 85.8 70.2 105.4
 115 34.4 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: BN008843.D

Acq: 04 Dec 2019 16:11

Instrument :

BNA_N

ClientSampleId :

ICVBN120419

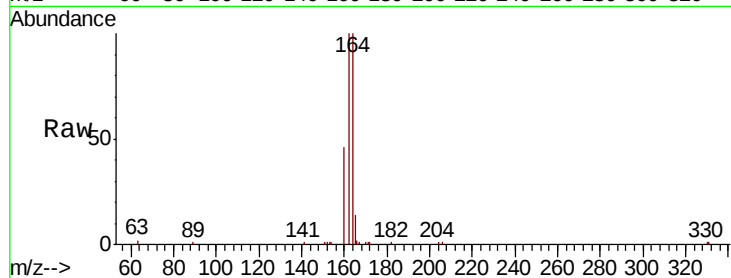
Tot Ion:164 Resp: 9133

Ion Ratio Lower Upper

164 100

162 99.7 81.9 122.9

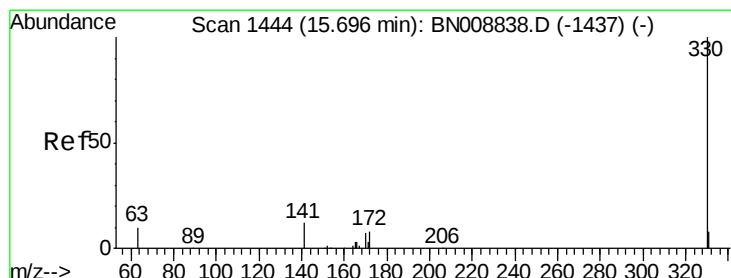
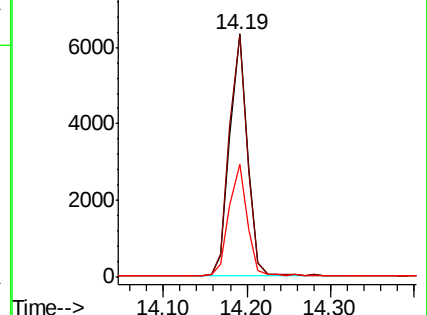
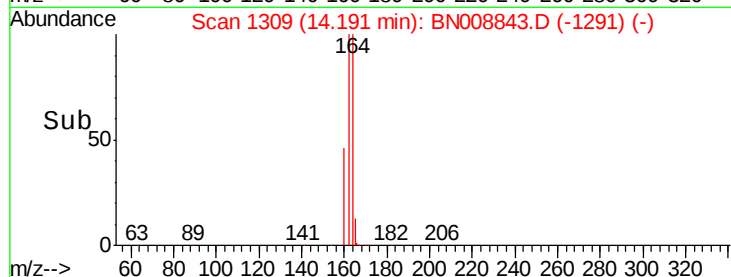
160 46.3 37.4 56.2



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: 0.365 ng

RT: 15.68 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

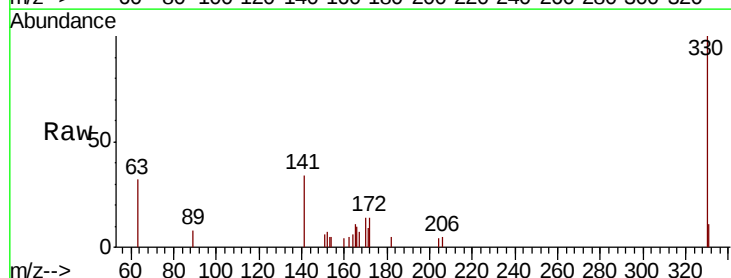
Tgt Ion:330 Resp: 1812

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

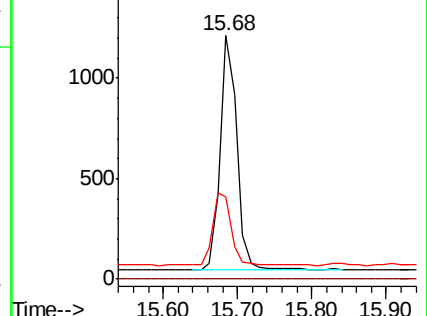
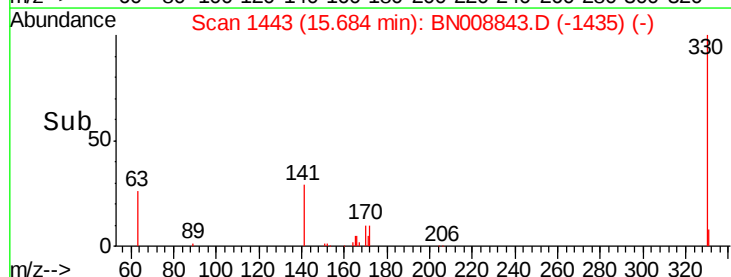
141 33.1 26.2 39.4

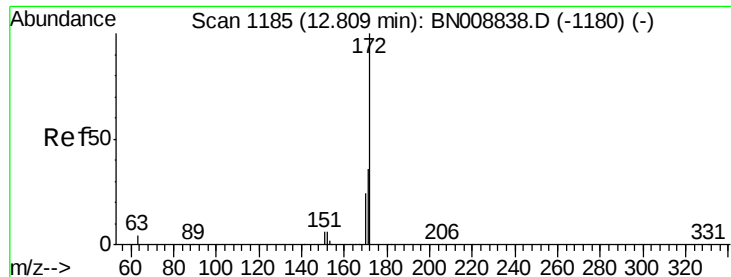


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

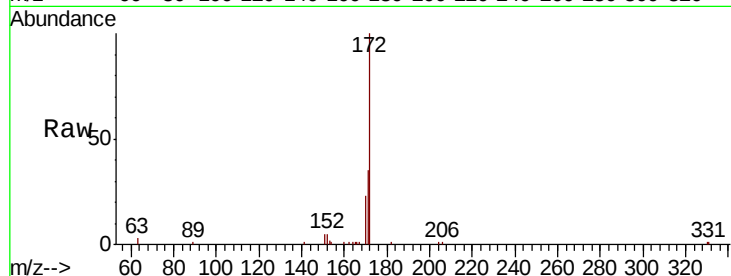




#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 12.81 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Instrument :
BNA_N
ClientSampleId :
ICVBN120419

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.9	43.3
170	22.7	19.7	29.5

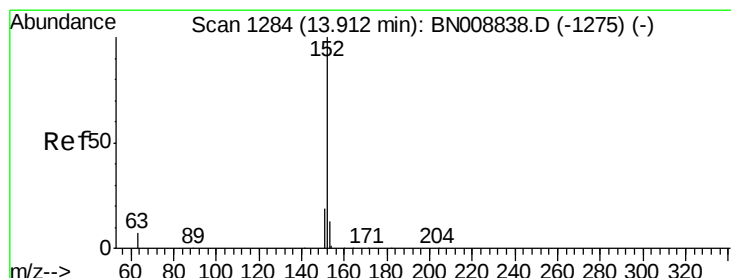
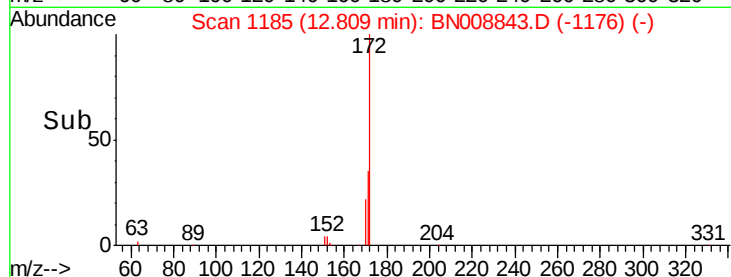
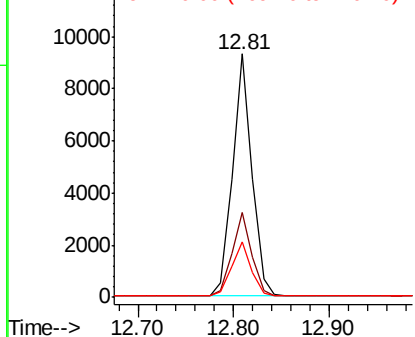


Abundance

Ion 172.00 (171.70 to 172.70): E

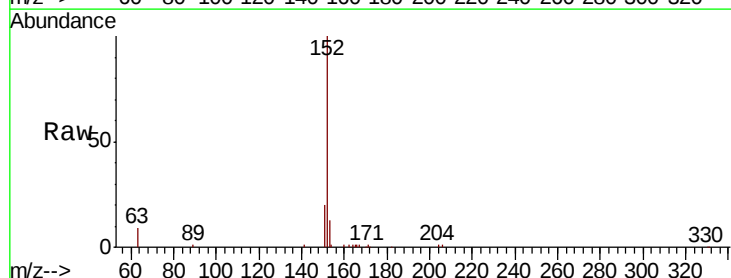
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.368 ng
RT: 13.90 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2
153	13.0	10.4	15.6

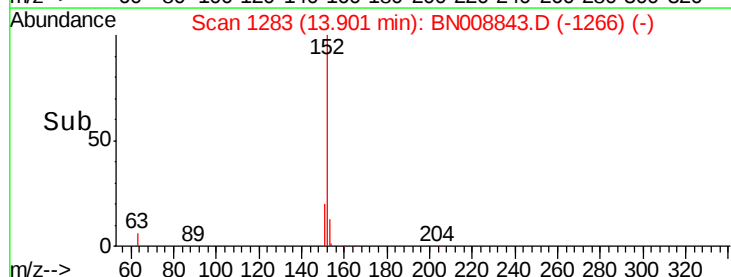
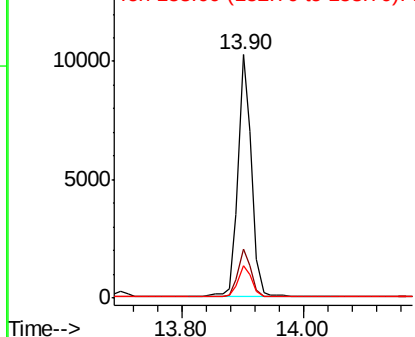


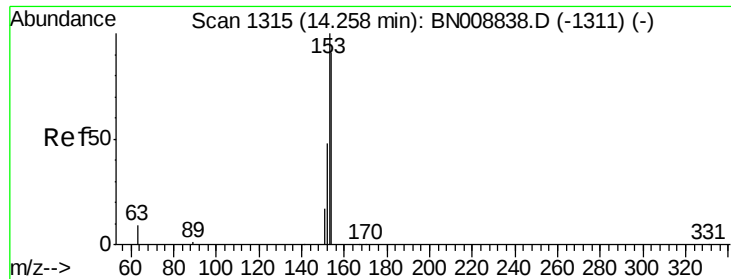
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.377 ng

RT: 14.25 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

Instrument :

BNA_N

ClientSampleId :

ICVBN120419

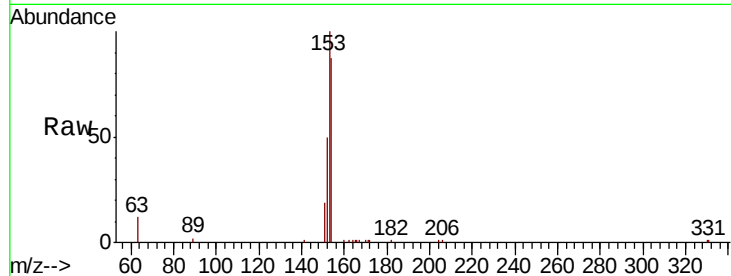
Tot Ion:154 Resp: 10180

Ion Ratio Lower Upper

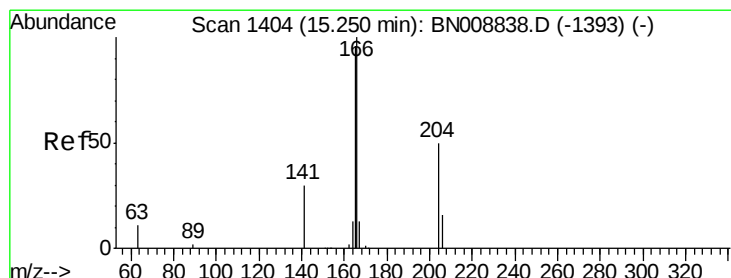
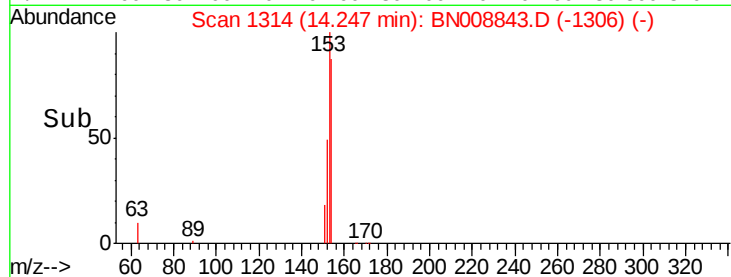
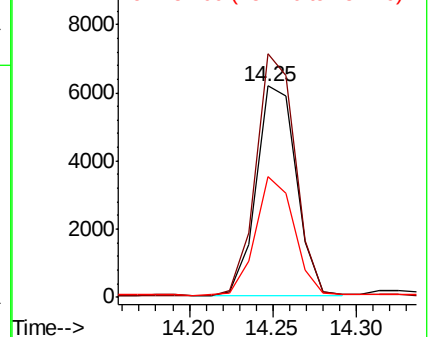
154 100

153 113.7 89.4 134.2

152 55.1 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: 0.384 ng

RT: 15.25 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

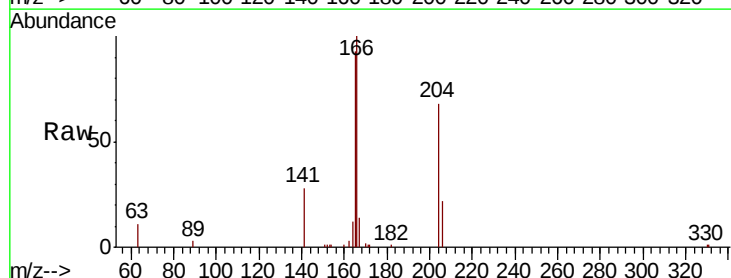
Tgt Ion:166 Resp: 13749

Ion Ratio Lower Upper

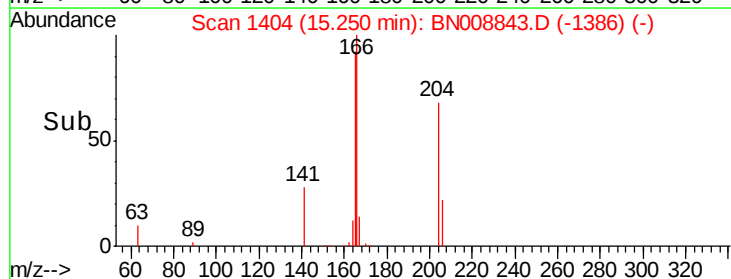
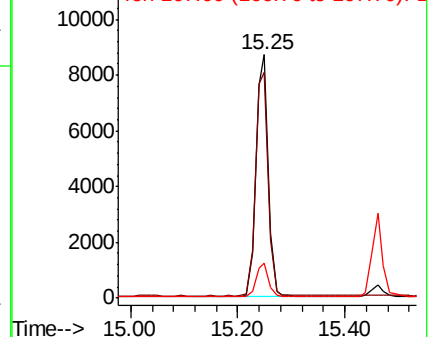
166 100

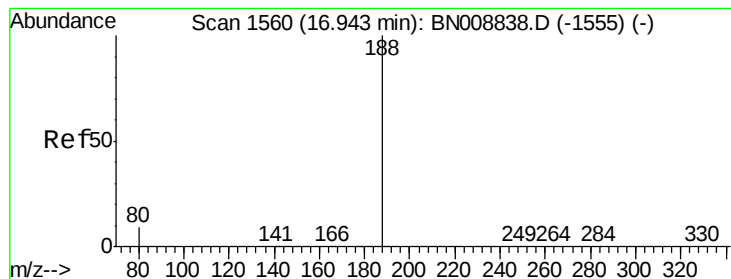
165 95.5 77.0 115.6

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: BN008843.D

Acq: 04 Dec 2019 16:11

Instrument :

BNA_N

ClientSampleId :

ICVBN120419

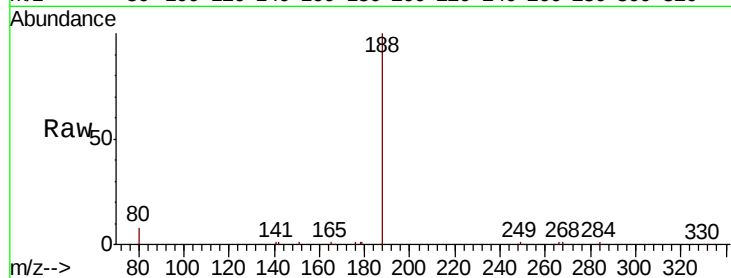
Tot Ion:188 Resp: 20985

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

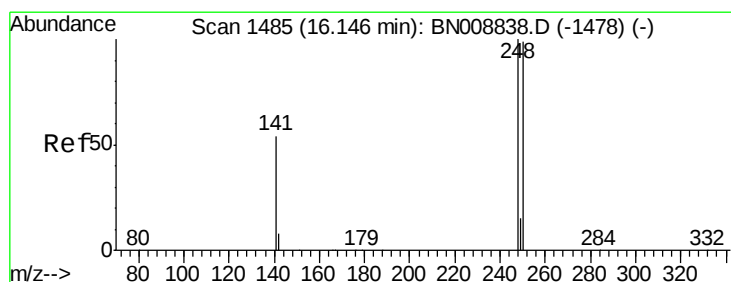
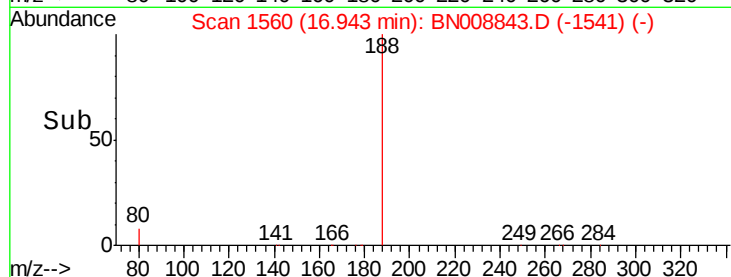
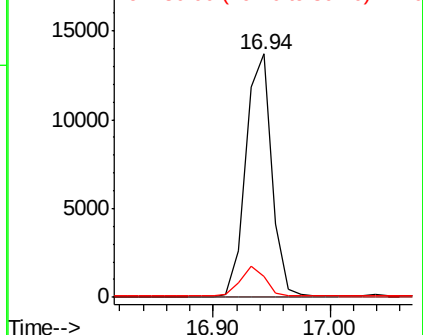
80 8.4 7.4 11.2



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: 0.371 ng

RT: 16.15 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

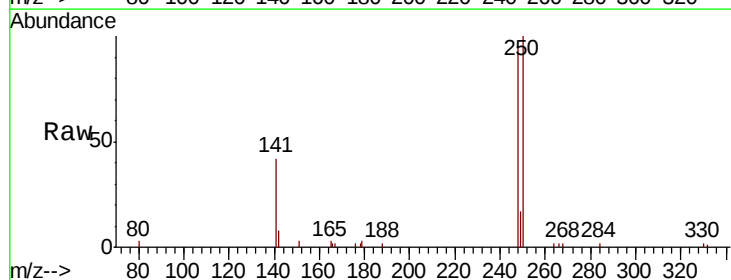
Tgt Ion:248 Resp: 4556

Ion Ratio Lower Upper

248 100

250 105.0 79.7 119.5

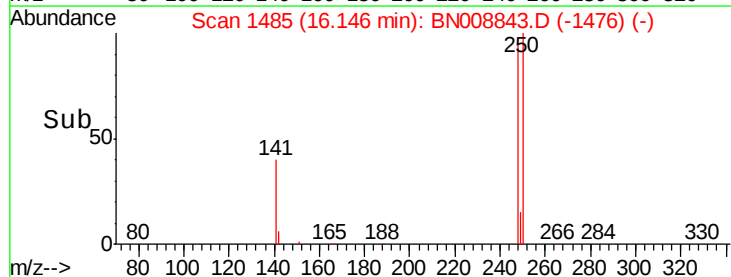
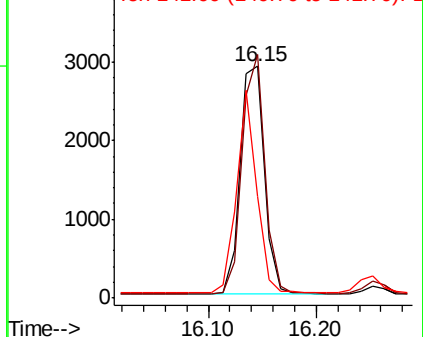
141 43.8 44.7 67.1#

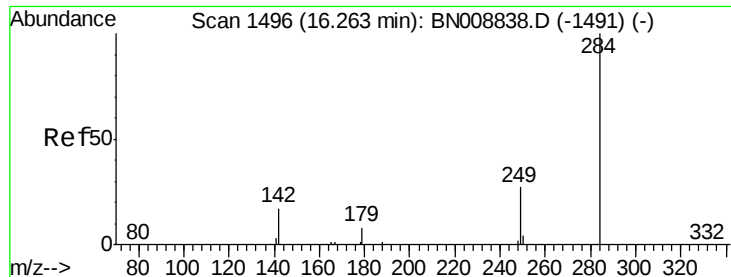


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.369 ng

RT: 16.25 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

Instrument :

BNA_N

ClientSampleId :

ICVBN120419

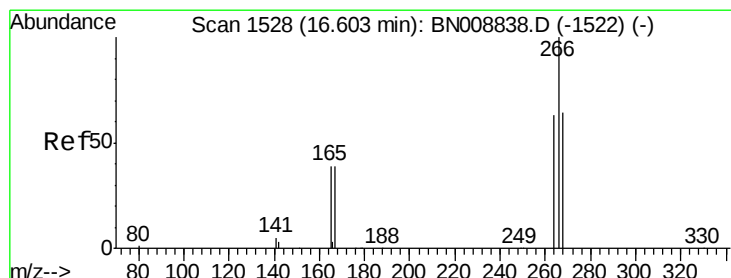
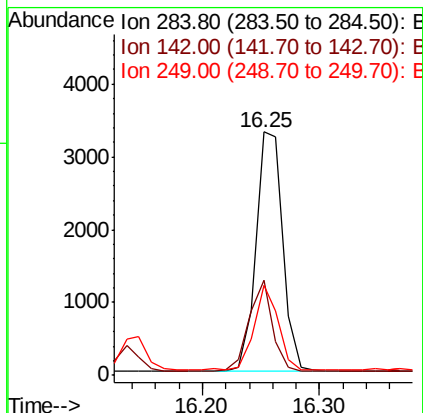
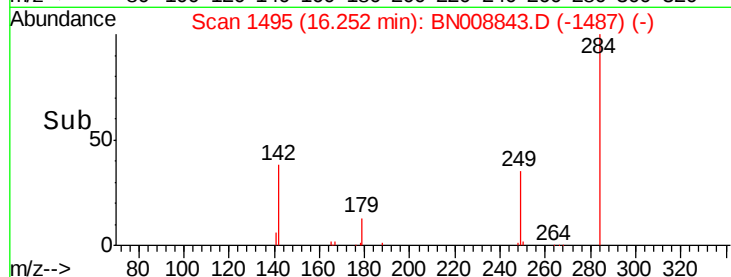
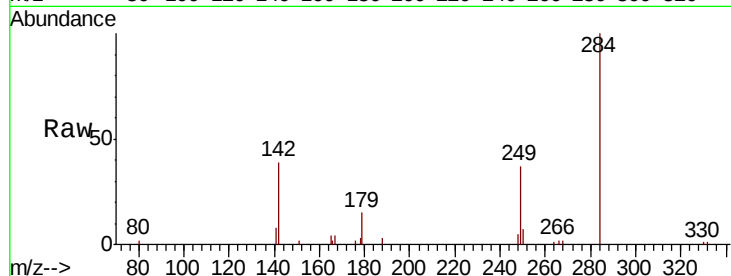
Tot Ion:284 Resp: 5226

Ion Ratio Lower Upper

284 100

142 33.0 25.4 38.0

249 31.3 24.3 36.5



#22

Pentachlorophenol

Concen: 0.337 ng

RT: 16.60 min Scan# 1528

Delta R.T. -0.00 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

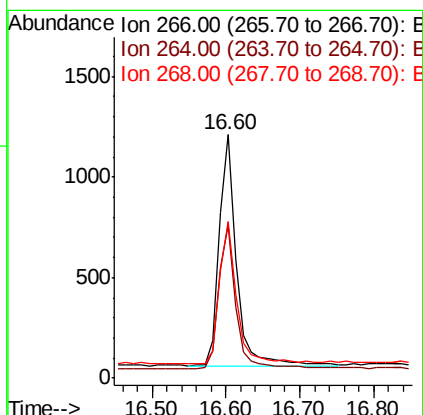
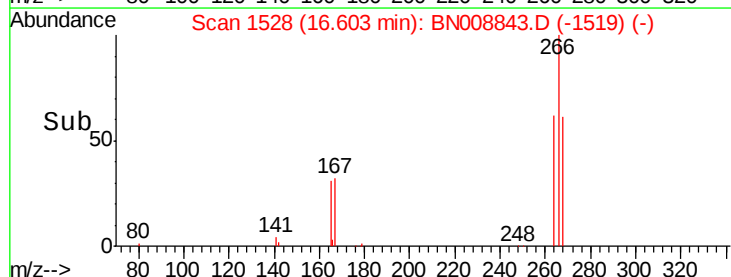
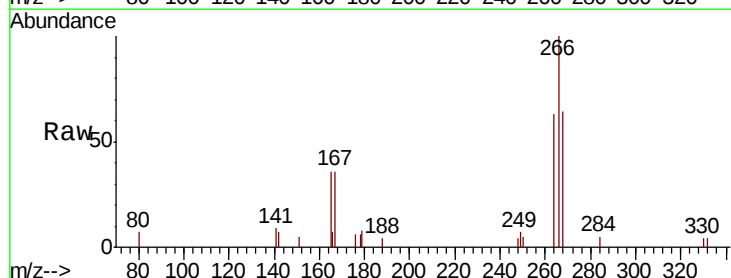
Tgt Ion:266 Resp: 1913

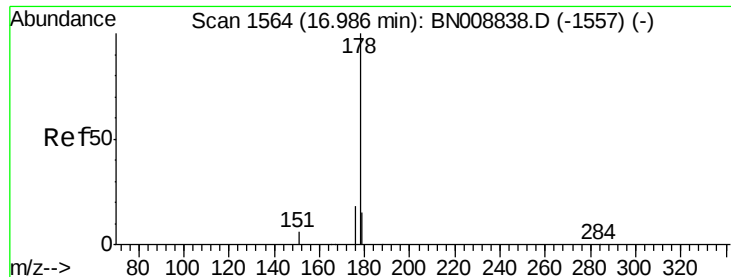
Ion Ratio Lower Upper

266 100

264 62.8 51.0 76.4

268 64.5 53.7 80.5





#23

Phenanthrene

Concen: 0.377 ng

RT: 16.97 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

Instrument :

BNA_N

ClientSampleId :

ICVBN120419

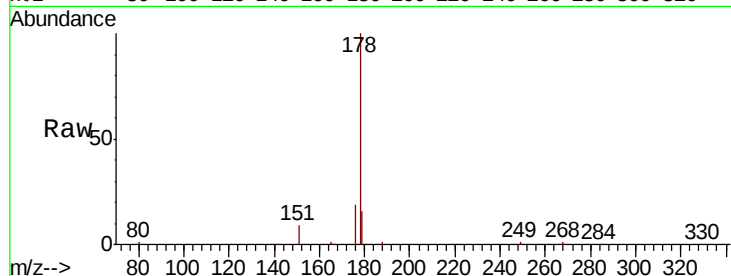
Tot Ion:178 Resp: 24133

Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

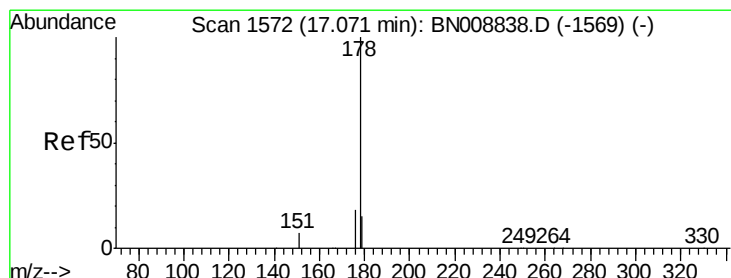
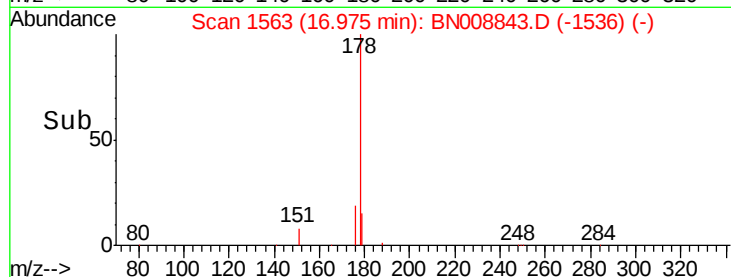
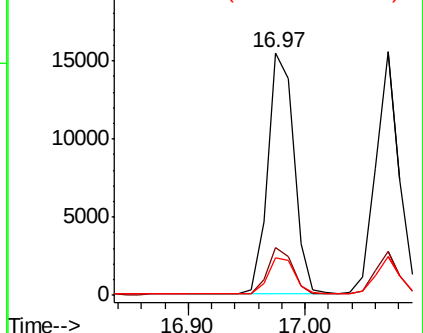
179 15.4 12.2 18.2



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: 0.368 ng

RT: 17.07 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

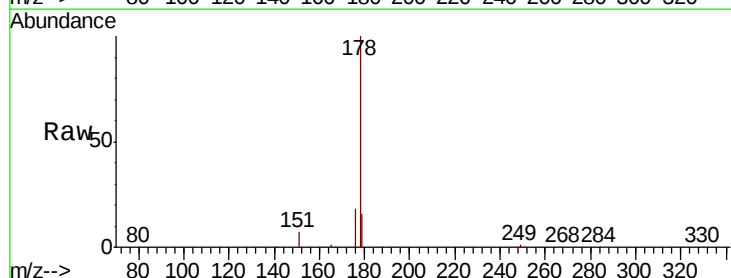
Tgt Ion:178 Resp: 21615

Ion Ratio Lower Upper

178 100

176 17.7 14.3 21.5

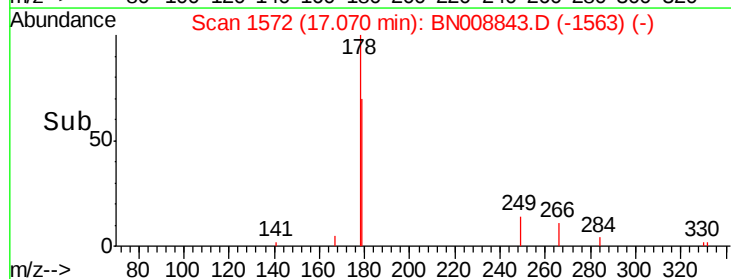
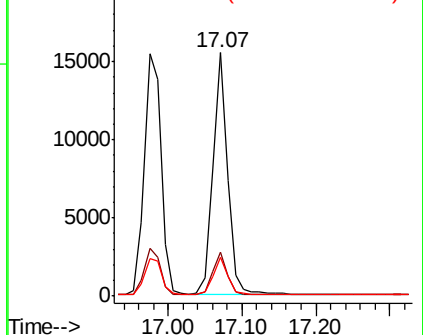
179 15.1 12.2 18.2

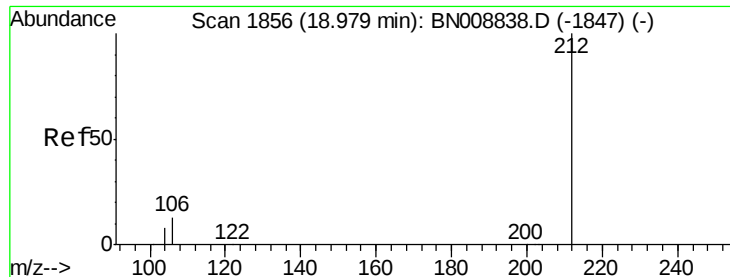


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.378 ng

RT: 18.98 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

Instrument :

BNA_N

ClientSampleId :

ICVBN120419

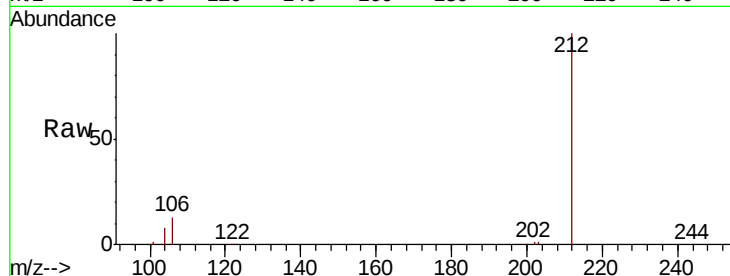
Tot Ion:212 Resp: 24026

Ion Ratio Lower Upper

212 100

106 13.6 10.7 16.1

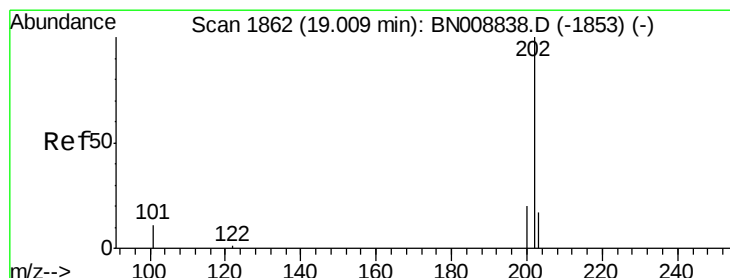
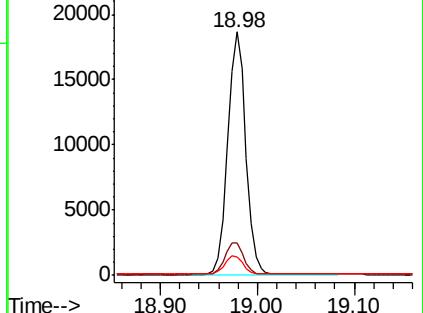
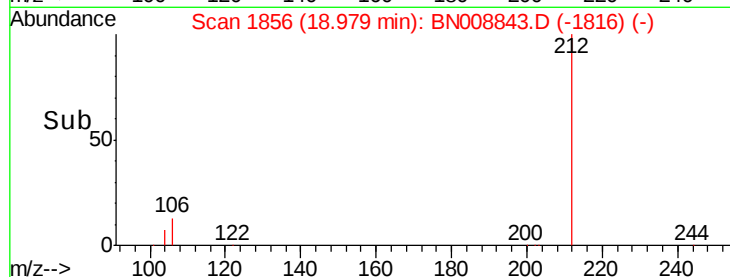
104 7.7 6.1 9.1



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: 0.379 ng

RT: 19.01 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

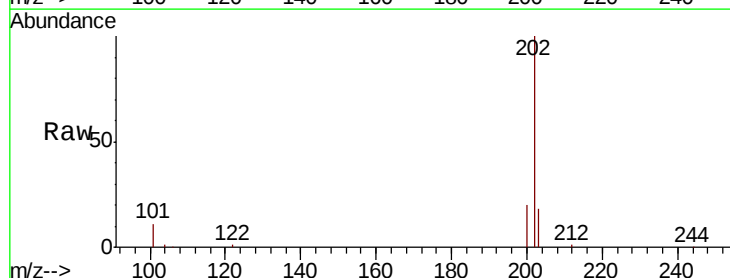
Tgt Ion:202 Resp: 29200

Ion Ratio Lower Upper

202 100

101 11.6 9.3 13.9

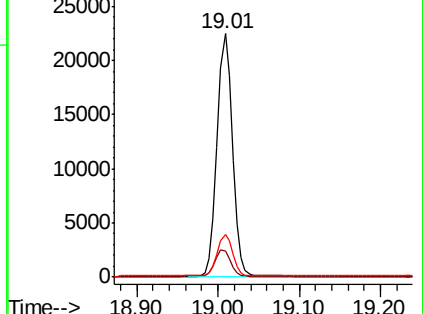
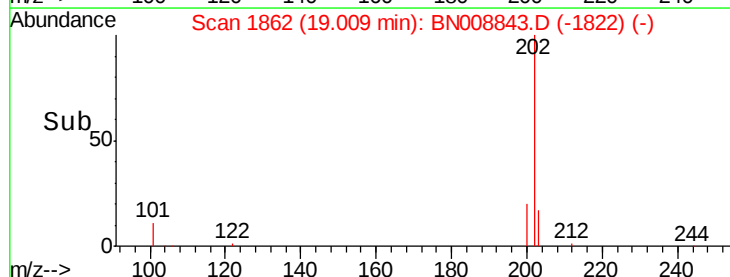
203 17.0 13.7 20.5

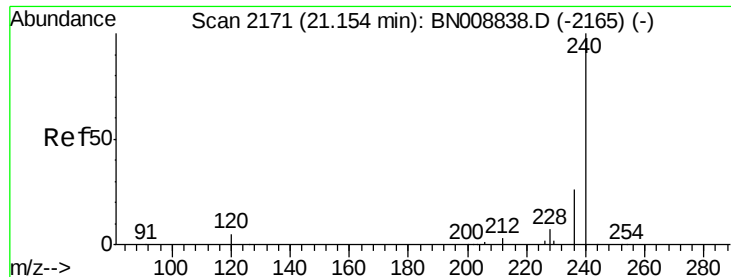


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

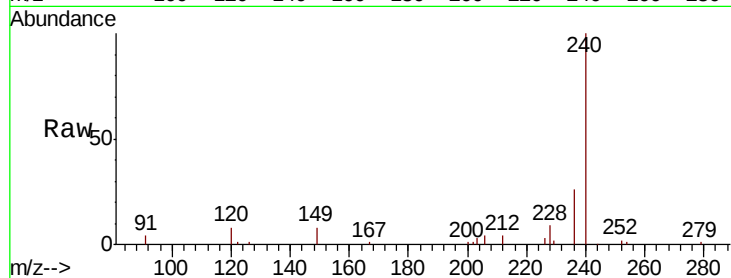




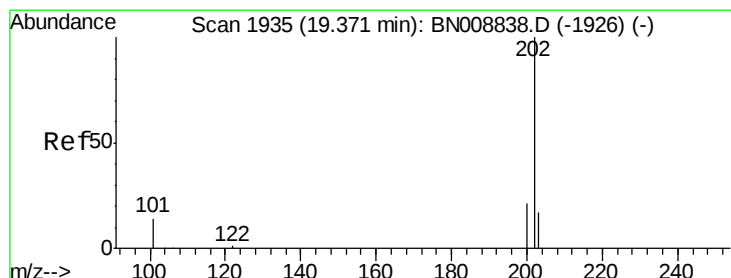
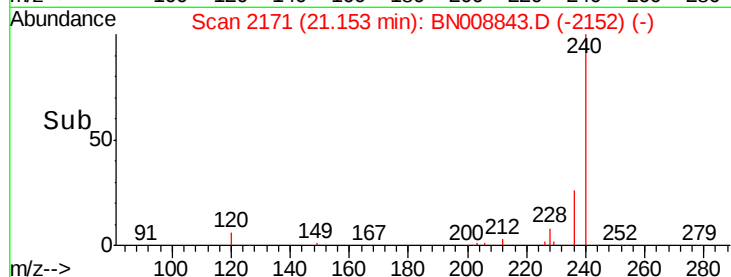
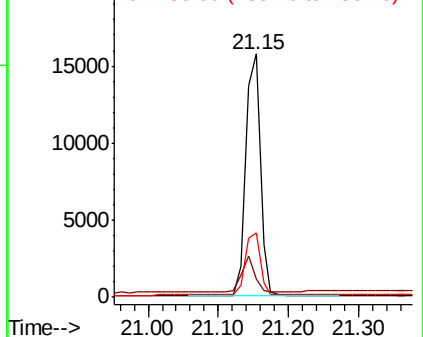
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.15 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Instrument :
BNA_N
ClientSampleId :
ICVBN120419

Tot Ion:240 Resp: 22489
Ion Ratio Lower Upper
240 100
120 7.7 6.0 9.0
236 26.4 21.4 32.0

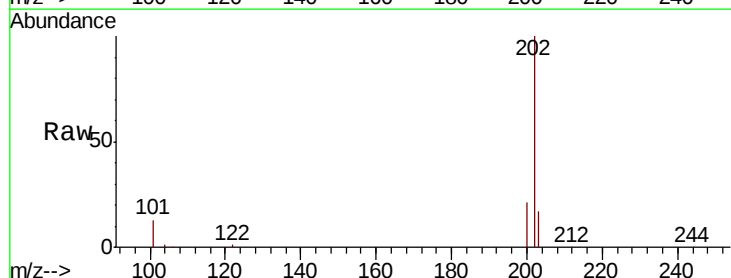


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

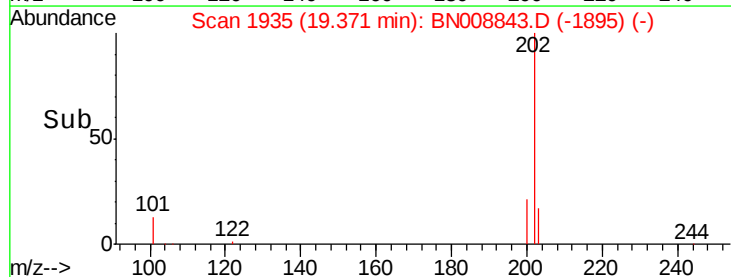
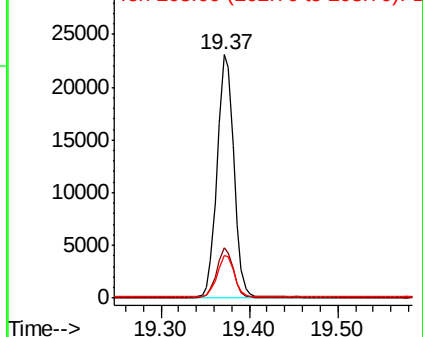


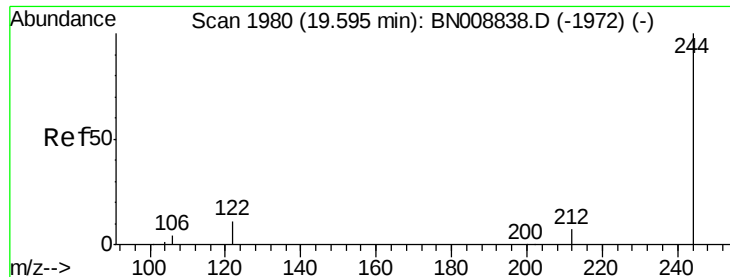
#28
Pyrene
Concen: 0.383 ng
RT: 19.37 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Tgt Ion:202 Resp: 30072
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.2
203 17.3 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: 0.380 ng

RT: 19.59 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

Instrument :

BNA_N

ClientSampleId :

ICVBN120419

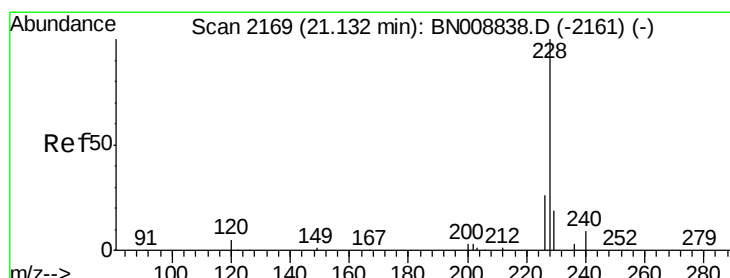
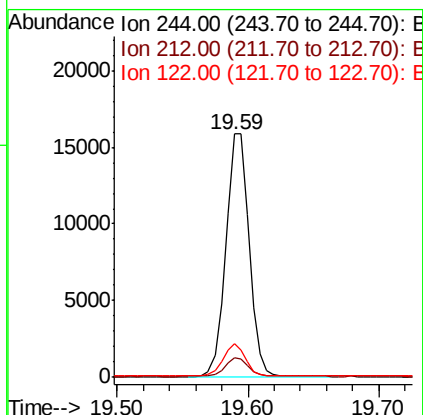
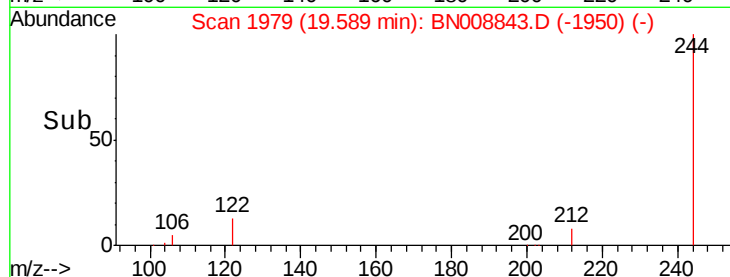
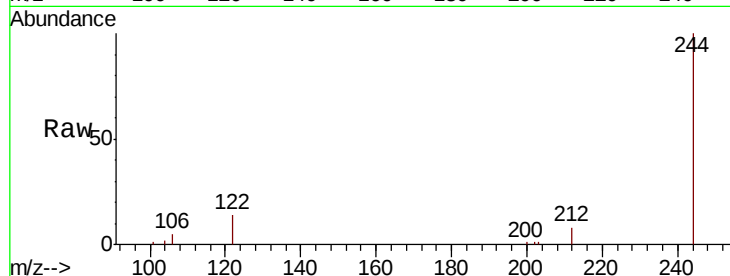
Tot Ion:244 Resp: 19680

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

122 13.7 8.9 13.3#



#30

Benzo(a)anthracene

Concen: 0.384 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

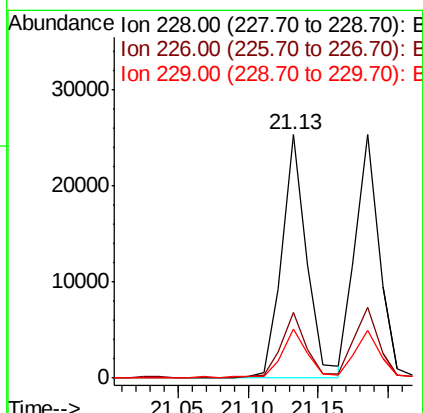
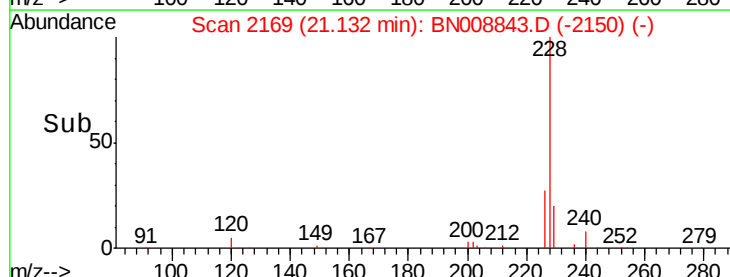
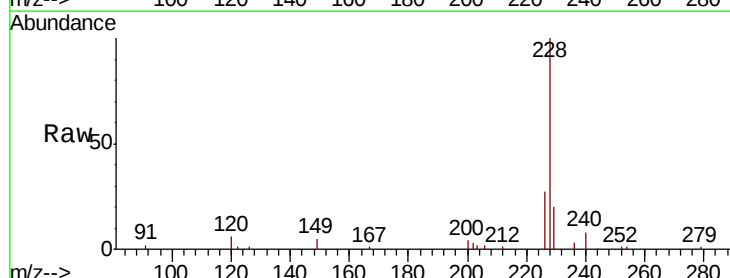
Tgt Ion:228 Resp: 31219

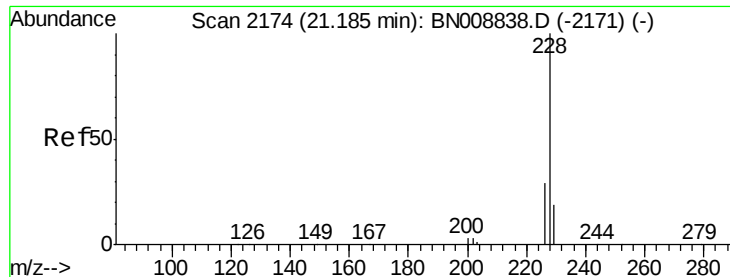
Ion Ratio Lower Upper

228 100

226 26.9 20.8 31.2

229 20.0 15.9 23.9





#31

Chrysene

Concen: 0.381 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

Instrument :

BNA_N

ClientSampleId :

ICVBN120419

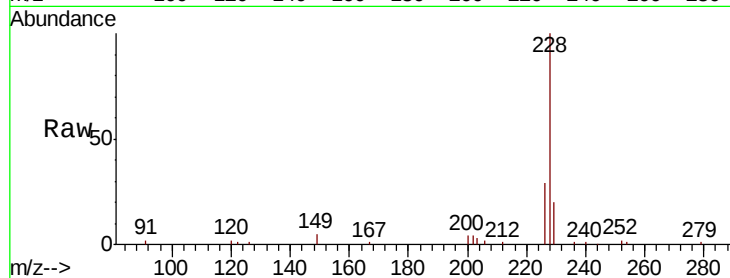
Tot Ion:228 Resp: 30028

Ion Ratio Lower Upper

228 100

226 29.1 23.1 34.7

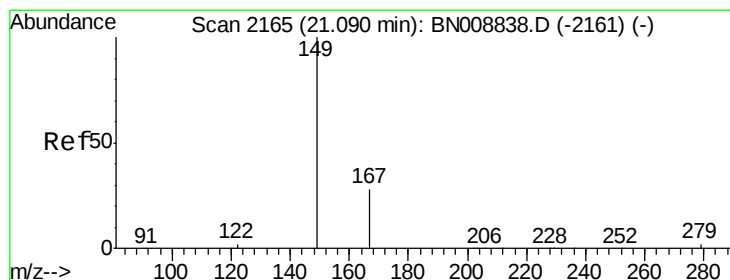
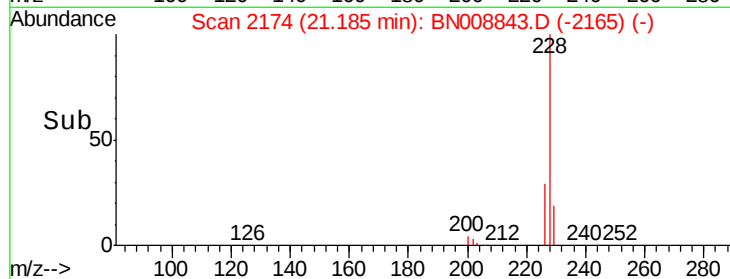
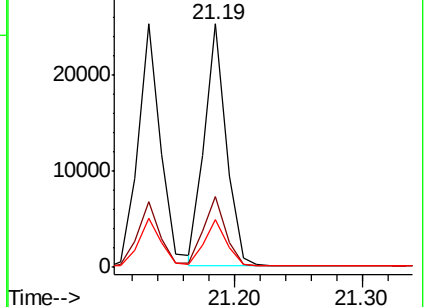
229 19.6 15.8 23.8



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: 0.339 ng

RT: 21.09 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

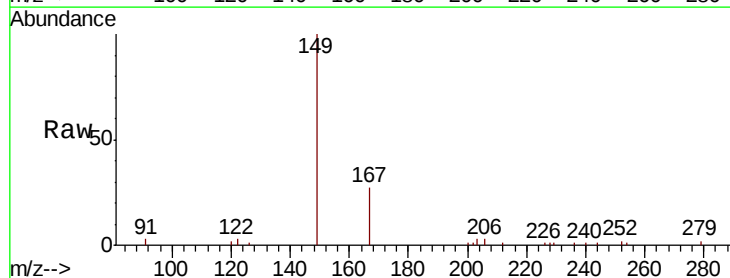
Tgt Ion:149 Resp: 18358

Ion Ratio Lower Upper

149 100

167 28.7 23.1 34.7

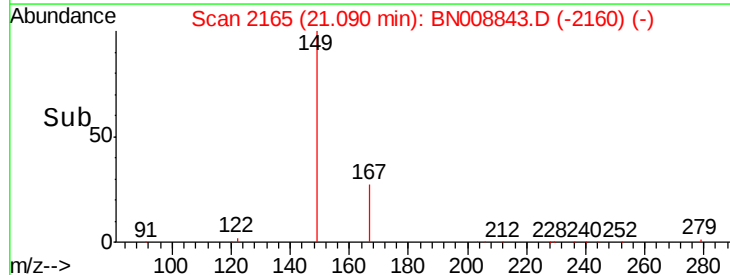
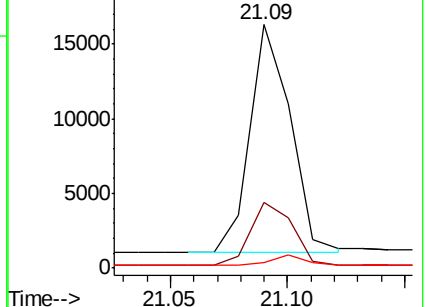
279 4.3 3.4 5.2

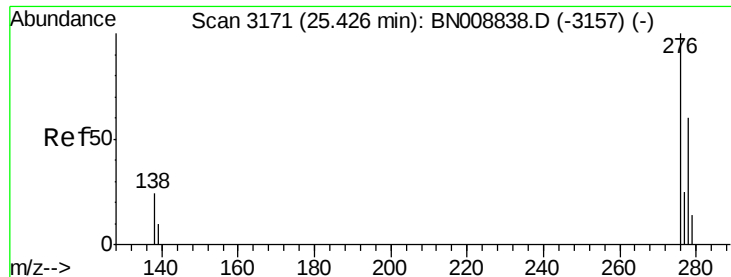


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

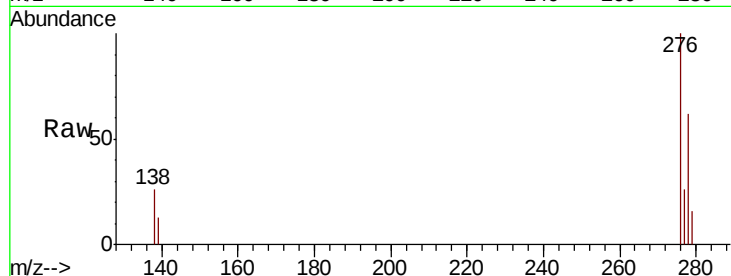




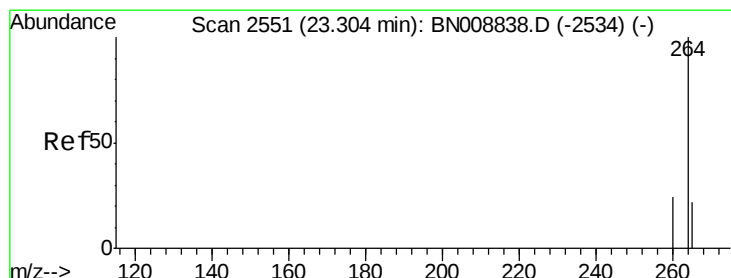
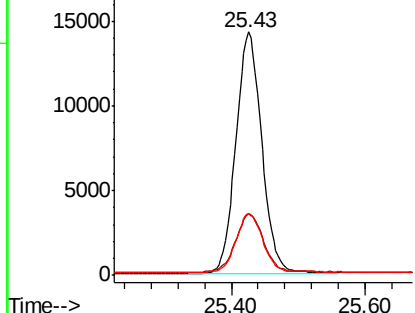
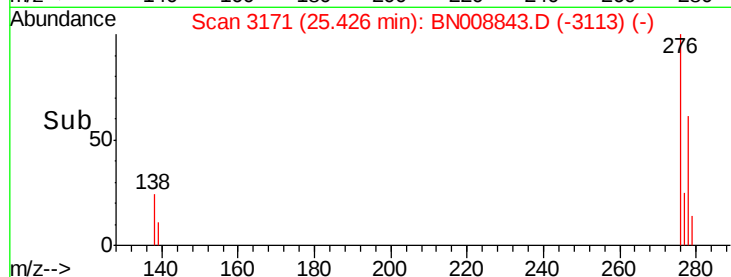
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.394 ng
RT: 25.43 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Instrument :
BNA_N
ClientSampleId :
ICVBN120419

Tot Ion:276 Resp: 38353
Ion Ratio Lower Upper
276 100
138 25.7 20.2 30.2
277 24.9 19.8 29.6

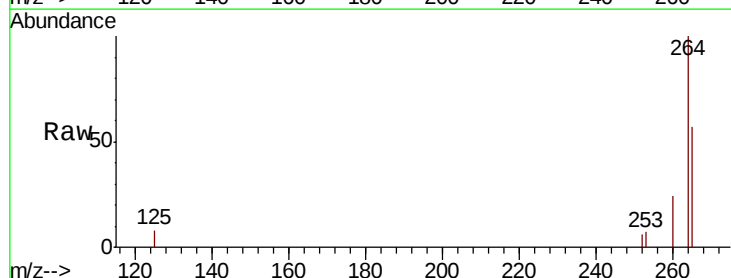


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

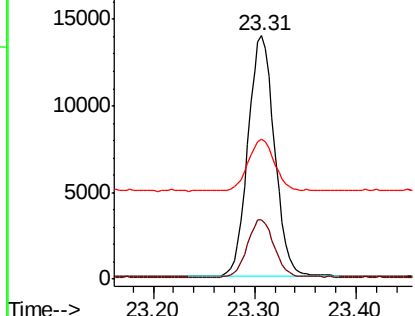
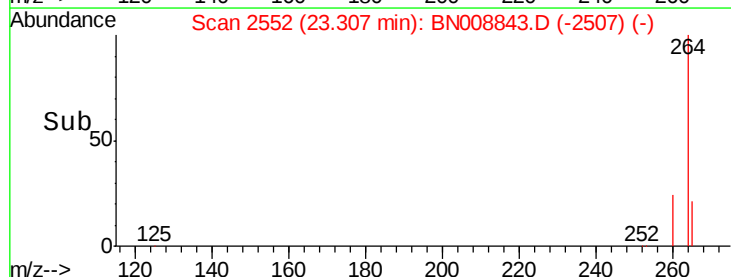


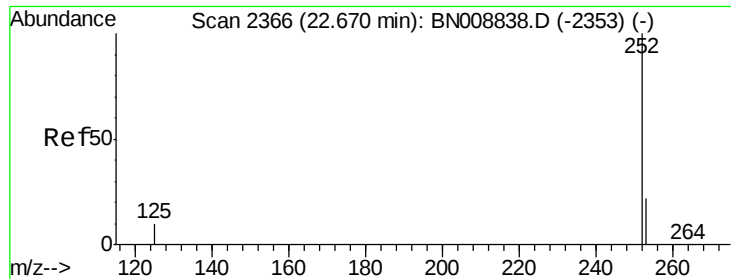
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.31 min Scan# 2552
Delta R.T. 0.00 min
Lab File: BN008843.D
Acq: 04 Dec 2019 16:11

Tgt Ion:264 Resp: 25215
Ion Ratio Lower Upper
264 100
260 24.4 19.9 29.9
265 57.4 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: 0.384 ng

RT: 22.67 min Scan# 2366

Delta R.T. -0.00 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

Instrument :

BNA_N

ClientSampleId :

ICVBN120419

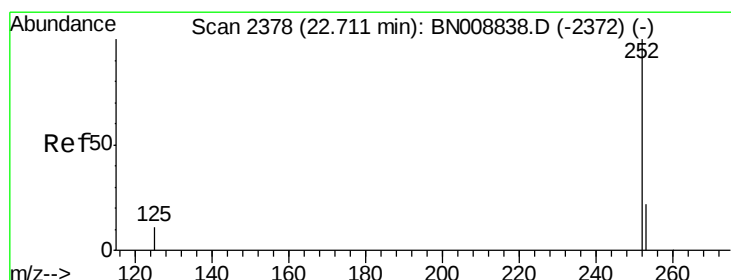
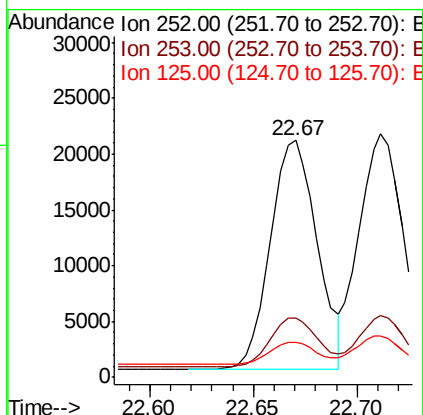
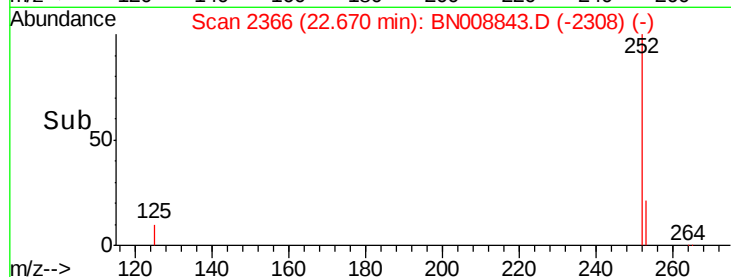
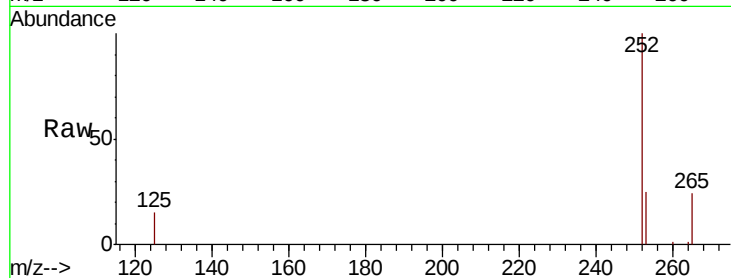
Tot Ion:252 Resp: 32151

Ion Ratio Lower Upper

252 100

253 25.2 20.6 31.0

125 14.8 12.3 18.5



#36

Benzo(k)fluoranthene

Concen: 0.384 ng

RT: 22.71 min Scan# 2378

Delta R.T. -0.00 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

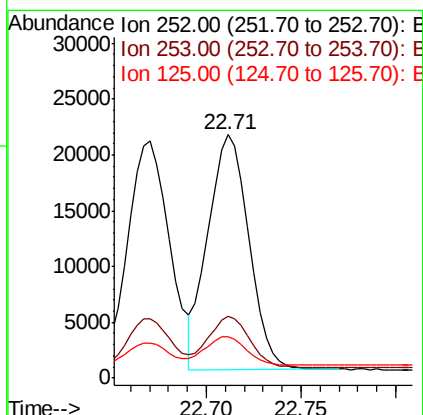
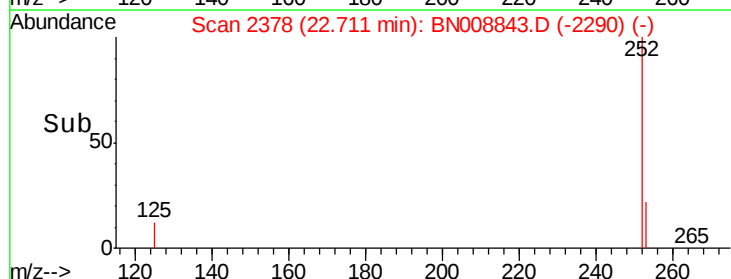
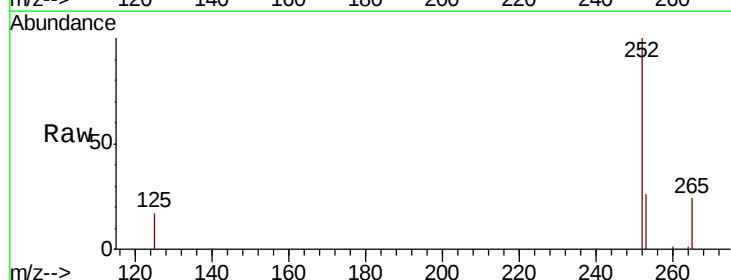
Tgt Ion:252 Resp: 31565

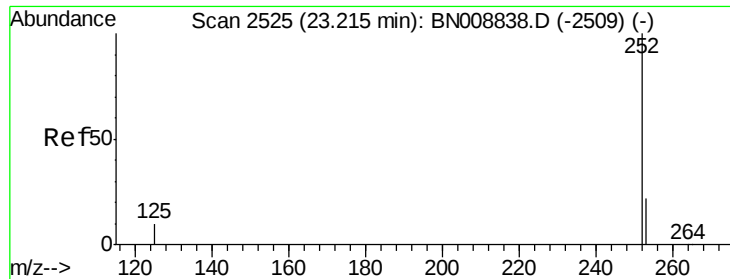
Ion Ratio Lower Upper

252 100

253 25.6 21.0 31.4

125 16.8 13.5 20.3





#37

Benzo(a)pyrene

Concen: 0.380 ng

RT: 23.21 min Scan# 2524

Delta R.T. -0.00 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

Instrument :

BNA_N

ClientSampleId :

ICVBN120419

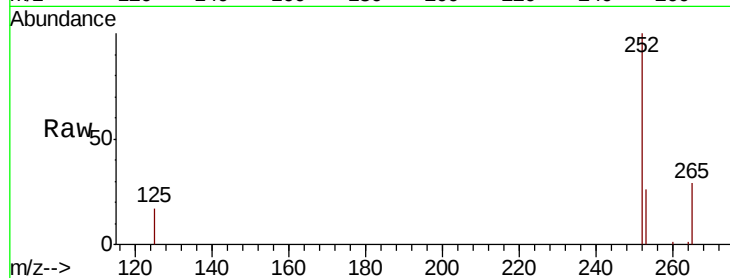
Tot Ion:252 Resp: 30050

Ion Ratio Lower Upper

252 100

253 25.7 21.4 32.2

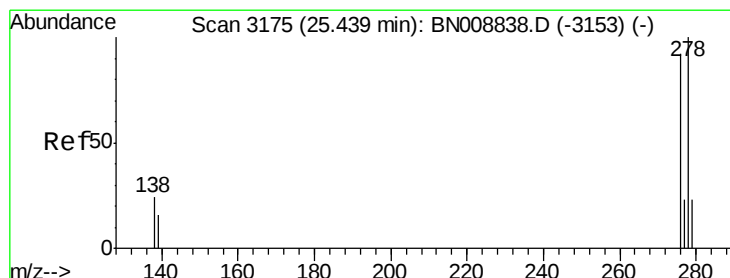
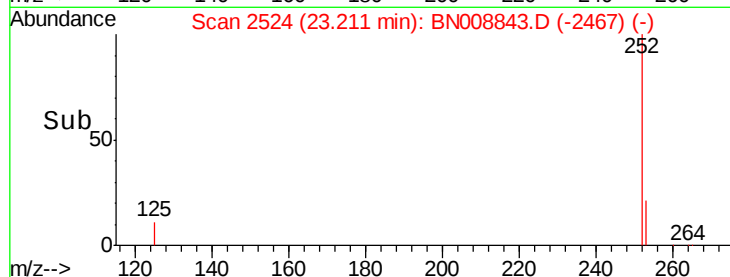
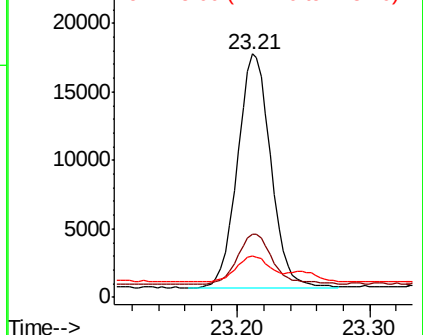
125 17.2 13.7 20.5



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: 0.387 ng

RT: 25.44 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

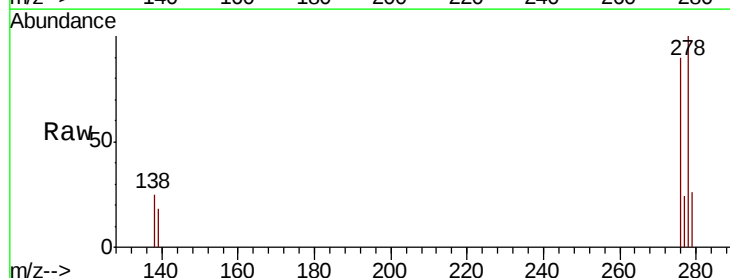
Tgt Ion:278 Resp: 31245

Ion Ratio Lower Upper

278 100

139 18.3 15.3 22.9

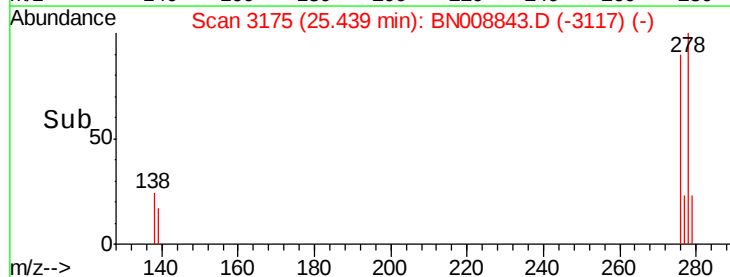
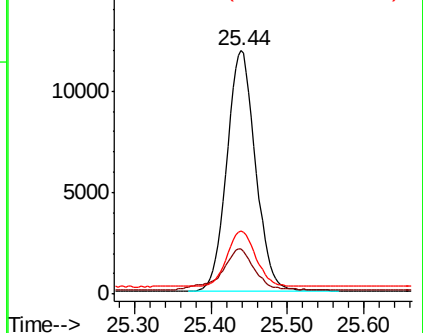
279 26.0 21.2 31.8

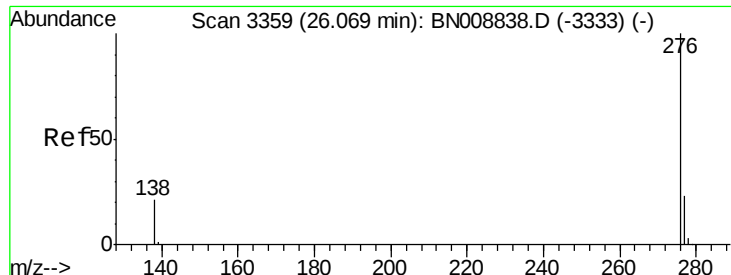


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.385 ng

RT: 26.07 min Scan# 3358

Delta R.T. -0.00 min

Lab File: BN008843.D

Acq: 04 Dec 2019 16:11

Instrument :

BNA_N

ClientSampleId :

ICVBN120419

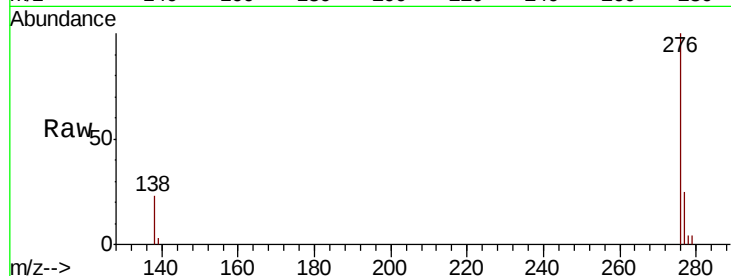
Tot Ion:276 Resp: 31484

Ion Ratio Lower Upper

276 100

277 25.0 20.1 30.1

138 23.4 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

