

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120419\
 Data File : BN008842.D
 Acq On : 04 Dec 2019 14:55
 Operator : JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 04 15:42:46 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	2982	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	12932	0.40	ng	0.00
13) Acenaphthene-d10	14.19	164	8783	0.40	ng	0.00
19) Phenanthrene-d10	16.94	188	18894	0.40	ng	0.00
27) Chrysene-d12	21.14	240	20492	0.40	ng	-0.01
34) Perylene-d12	23.30	264	22389	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	40839	3.98	ng	0.00
5) Phenol-d6	6.76	99	57823	3.95	ng	0.00
8) Nitrobenzene-d5	8.69	82	60258	5.33	ng	-0.01
11) 2-Methylnaphthalene-d10	11.92	152	110571	5.08	ng	0.00
14) 2,4,6-Tribromophenol	15.70	330	26615	5.56	ng	0.00
15) 2-Fluorobiphenyl	12.81	172	170032	4.70	ng	0.00
25) Fluoranthene-d10	18.98	212	302035	4.74	ng	0.00
29) Terphenyl-d14	19.59	244	242856	4.82	ng	0.00

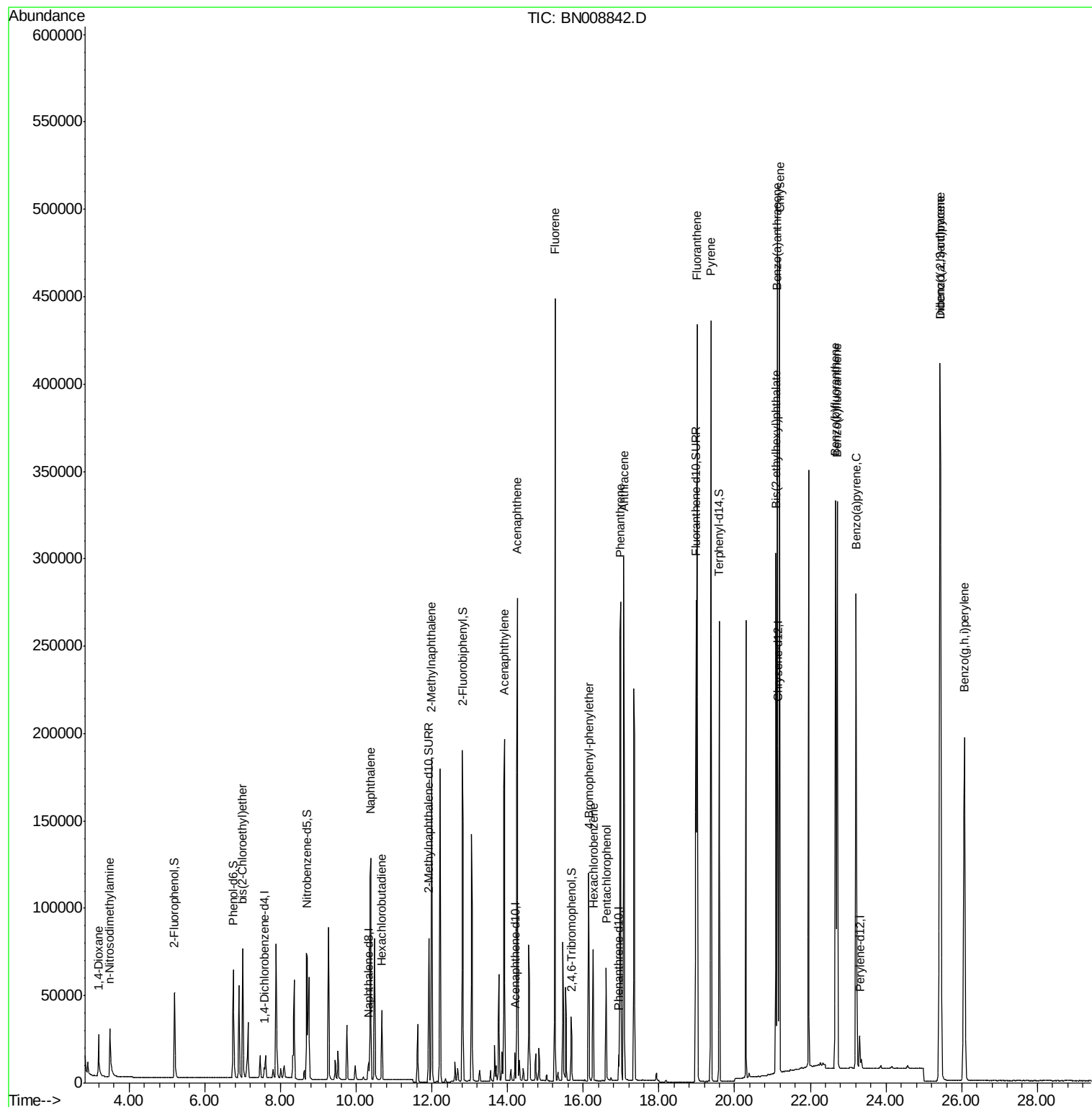
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	14727	4.431	ng	# 100
3) n-Nitrosodimethylamine	3.49	42	22397	14.712	ng	# 100
6) bis(2-Chloroethyl)ether	7.01	93	51325	6.079	ng	97
9) Naphthalene	10.38	128	176284	4.857	ng	99
10) Hexachlorobutadiene	10.67	225	33934	4.439	ng	# 99
12) 2-Methylnaphthalene	12.00	142	130225	5.309	ng	99
16) Acenaphthylene	13.91	152	222446	4.775	ng	100
17) Acenaphthene	14.26	154	135714	4.519	ng	99
18) Fluorene	15.25	166	180718	4.695	ng	100
20) 4-Bromophenyl-phenylether	16.15	248	58894	5.135	ng	97
21) Hexachlorobenzene	16.26	284	66063	5.269	ng	100
22) Pentachlorophenol	16.60	266	31722	6.862	ng	97
23) Phenanthrene	16.99	178	301218	5.118	ng	100
24) Anthracene	17.07	178	287407	5.407	ng	100
26) Fluoranthene	19.01	202	362386	4.952	ng	100
28) Pyrene	19.37	202	369645	5.289	ng	100
30) Benzo(a)anthracene	21.13	228	382188	5.065	ng	100
31) Chrysene	21.19	228	366570	4.984	ng	99
32) Bis(2-ethylhexyl)phthalate	21.09	149	236956	6.105	ng	100
33) Indeno(1,2,3-cd)pyrene	25.43	276	449196	4.878	ng	100
35) Benzo(b)fluoranthene	22.67	252	378995	4.876	ng	# 91
36) Benzo(k)fluoranthene	22.71	252	374856	4.877	ng	# 89
37) Benzo(a)pyrene	23.21	252	359939	4.928	ng	# 89
38) Dibenzo(a,h)anthracene	25.44	278	363468	4.863	ng	94
39) Benzo(g,h,i)perylene	26.07	276	372578	5.038	ng	97

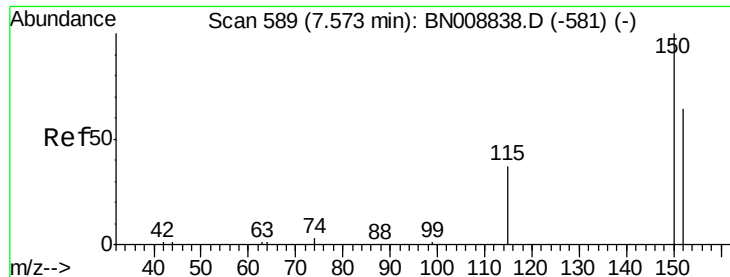
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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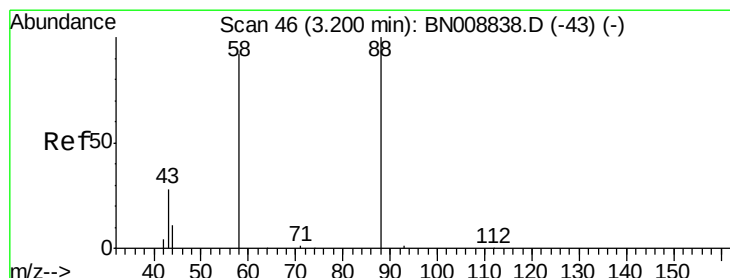
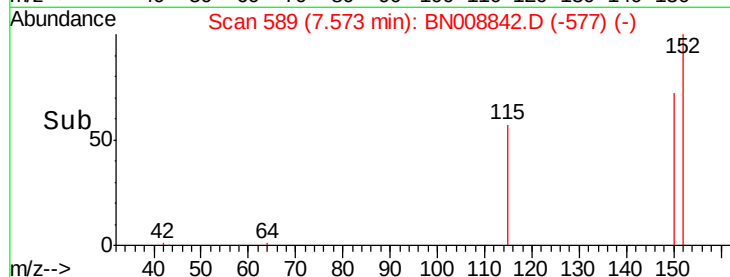
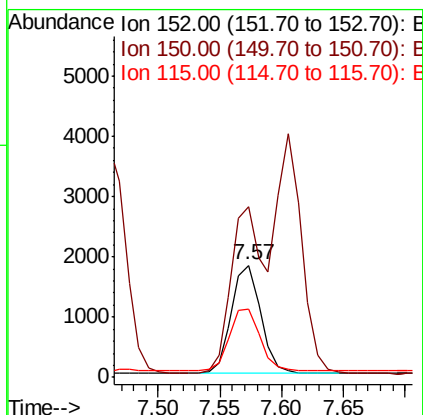
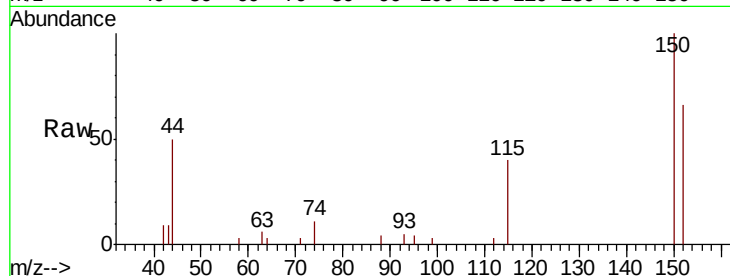


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 589
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Instrument :
BNA_N
ClientSampled :

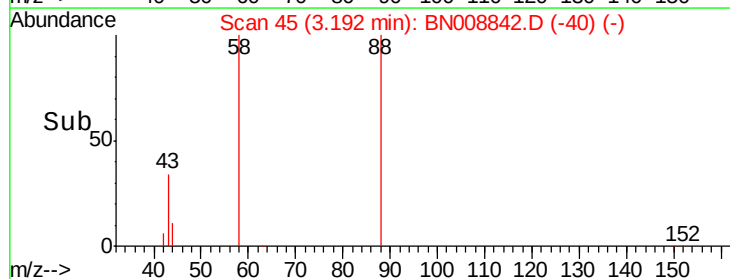
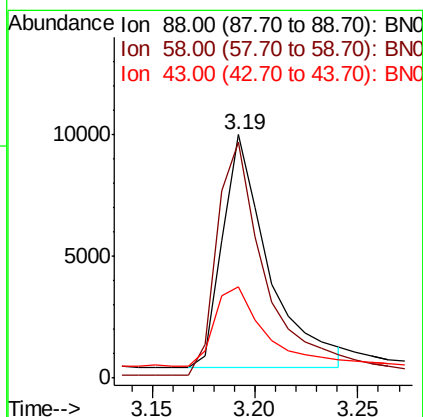
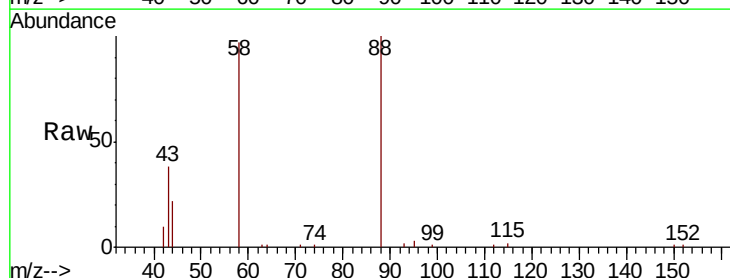
Tot Ion:152 Resp: 2982
Ion Ratio Lower Upper
152 100
150 152.4 123.9 185.9
115 61.5 49.9 74.9

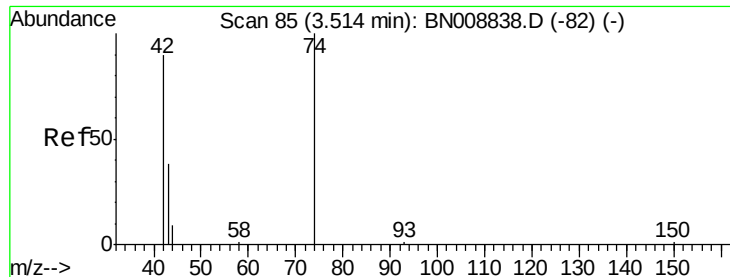


#2

1,4-Dioxane
Concen: 4.431 ng
RT: 3.19 min Scan# 45
Delta R.T. -0.01 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Tgt Ion: 88 Resp: 14727
Ion Ratio Lower Upper
88 100
58 105.1 0.0 0.0#
43 37.0 0.0 0.0#



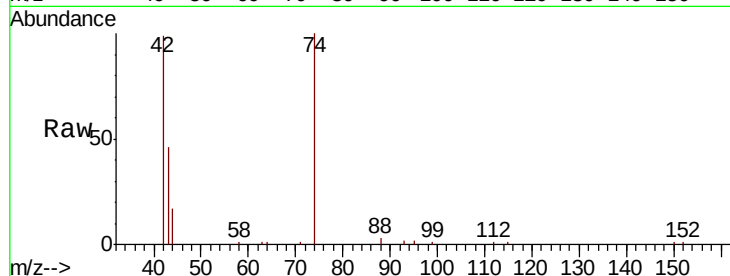


#3

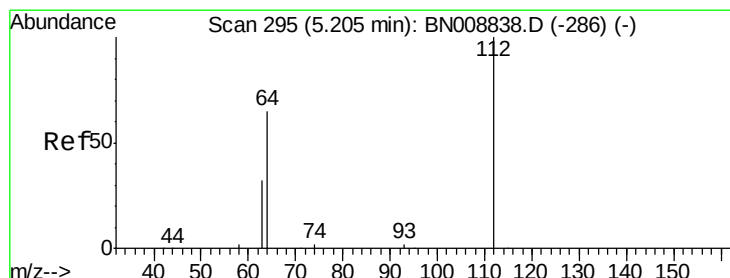
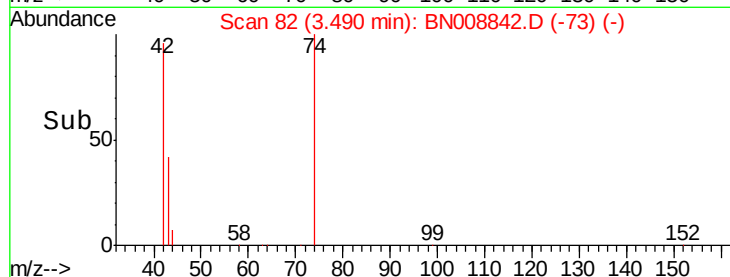
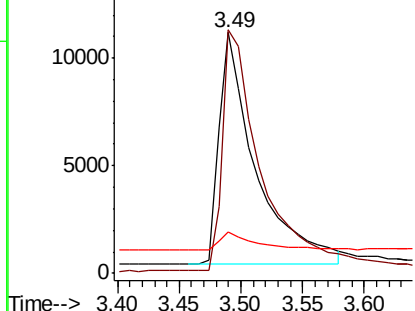
n-Nitrosodimethylamine
 Concen: 14.712 ng
 RT: 3.49 min Scan# 82
 Delta R.T. -0.02 min
 Lab File: BN008842.D
 Acq: 04 Dec 2019 14:55

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 42 Resp: 22397
 Ion Ratio Lower Upper
 42 100
 74 109.2 0.0 0.0#
 44 7.9 0.0 0.0#



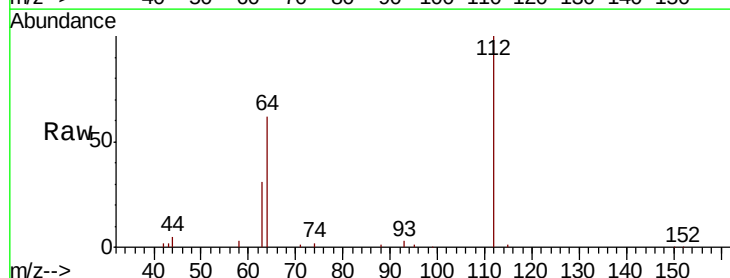
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



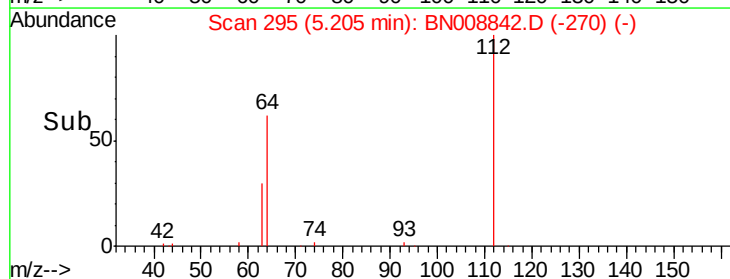
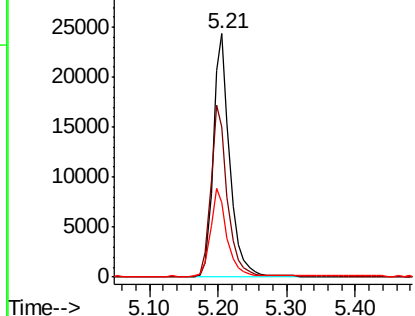
#4

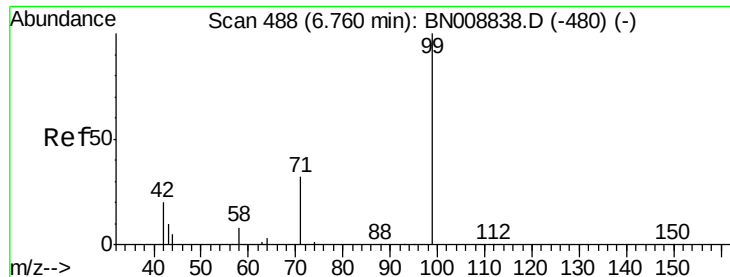
2-Fluorophenol
 Concen: 3.979 ng
 RT: 5.21 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: BN008842.D
 Acq: 04 Dec 2019 14:55

Tgt Ion: 112 Resp: 40839
 Ion Ratio Lower Upper
 112 100
 64 70.7 56.3 84.5
 63 36.0 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: 3.954 ng

RT: 6.76 min Scan# 488

Delta R.T. -0.00 min

Lab File: BN008842.D

Acq: 04 Dec 2019 14:55

Instrument :

BNA_N

ClientSampleId :

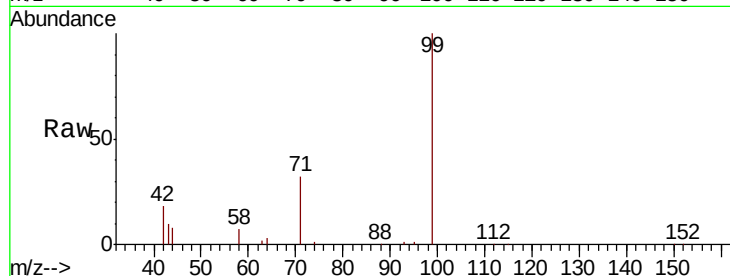
Tot Ion: 99 Resp: 57823

Ion Ratio Lower Upper

99 100

42 22.7 18.1 27.1

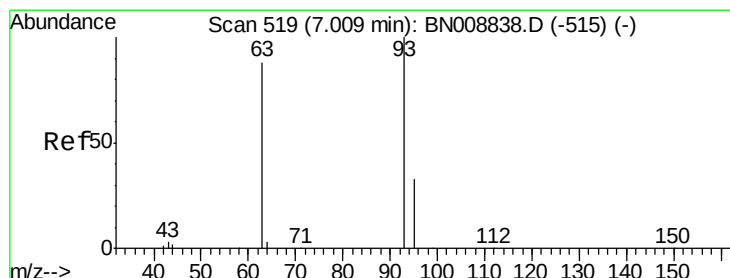
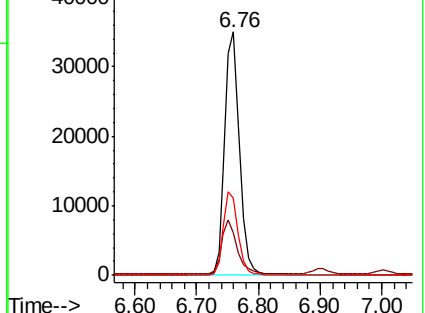
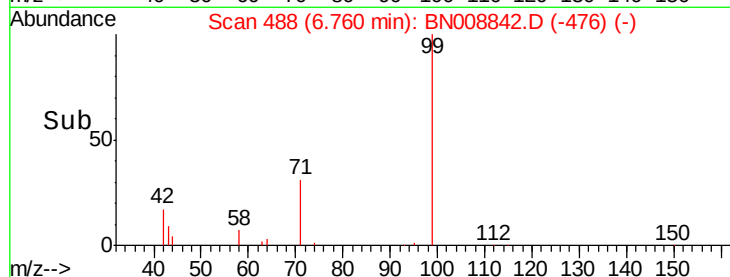
71 34.1 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN008842.D (-476) (-)

Ion 42.00 (41.70 to 42.70): BN008842.D (-476) (-)

Ion 71.00 (70.70 to 71.70): BN008842.D (-476) (-)



#6

bis(2-Chloroethyl)ether

Concen: 6.079 ng

RT: 7.01 min Scan# 519

Delta R.T. -0.00 min

Lab File: BN008842.D

Acq: 04 Dec 2019 14:55

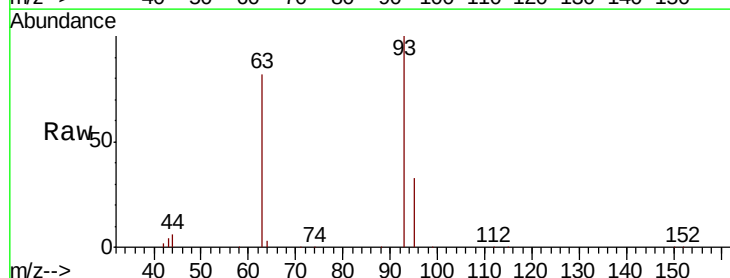
Tgt Ion: 93 Resp: 51325

Ion Ratio Lower Upper

93 100

63 93.3 72.1 108.1

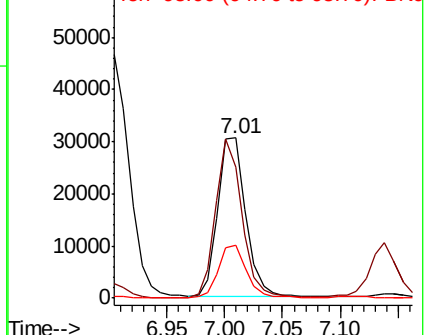
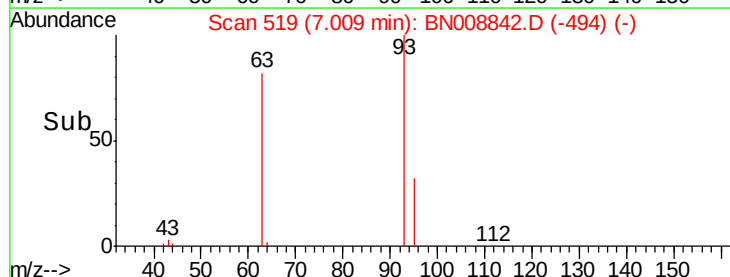
95 32.5 25.7 38.5

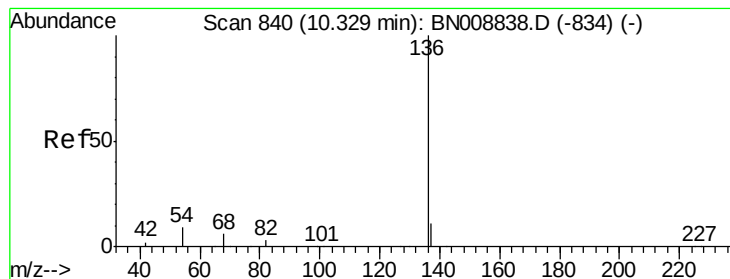


Abundance Ion 93.00 (92.70 to 93.70): BN008842.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN008842.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN008842.D (-494) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.33 min Scan# 840

Delta R.T. -0.00 min

Lab File: BN008842.D

Acq: 04 Dec 2019 14:55

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 12932

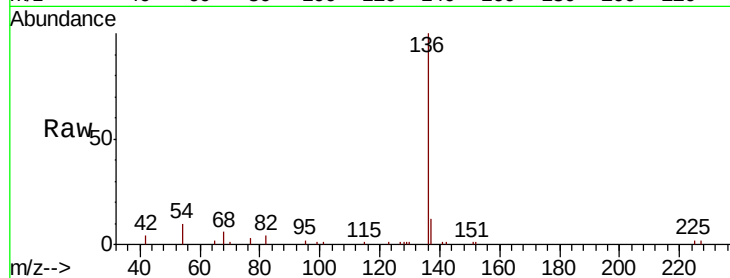
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 9.5 8.2 12.2

68 5.9 5.4 8.2

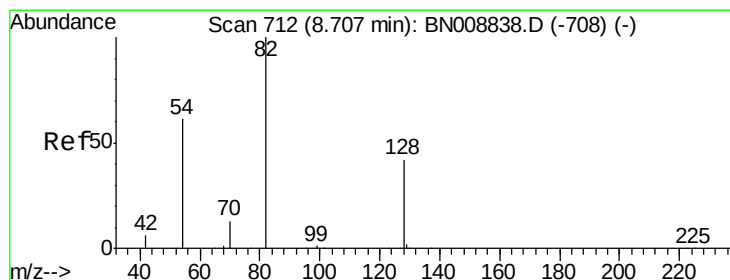
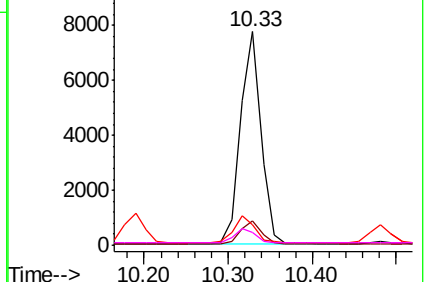
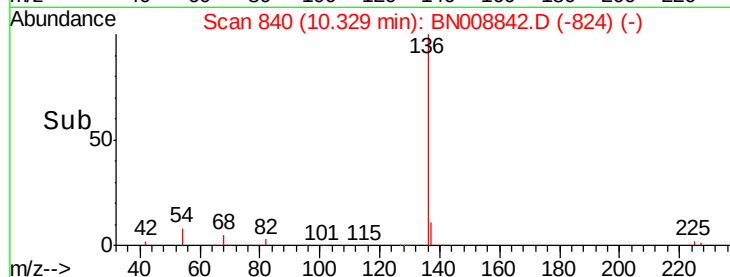


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.327 ng

RT: 8.69 min Scan# 711

Delta R.T. -0.01 min

Lab File: BN008842.D

Acq: 04 Dec 2019 14:55

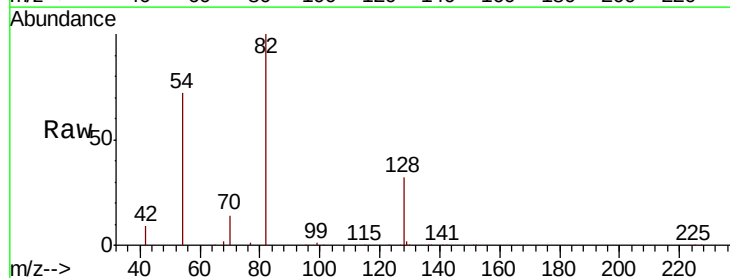
Tgt Ion: 82 Resp: 60258

Ion Ratio Lower Upper

82 100

128 32.2 35.0 52.6#

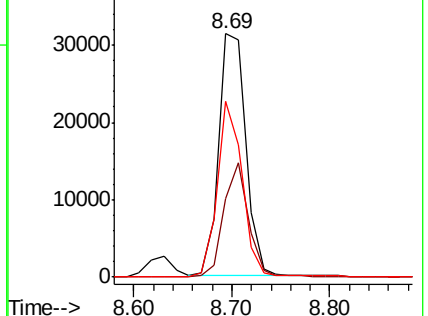
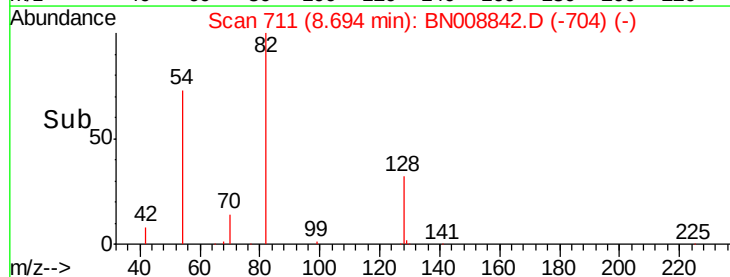
54 72.0 50.2 75.2

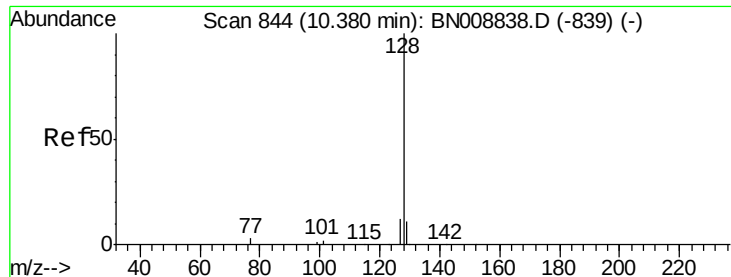


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

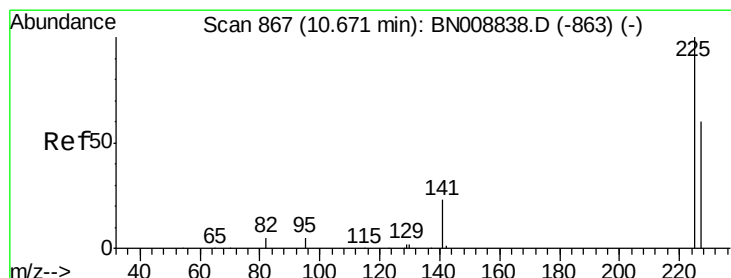
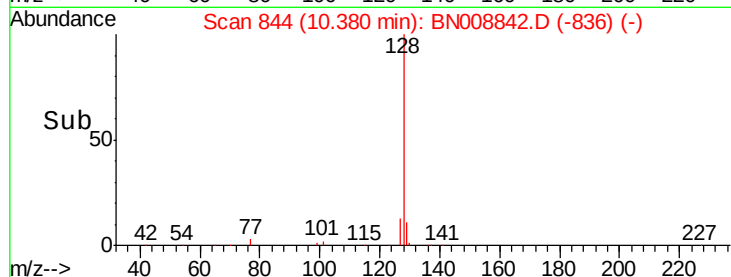
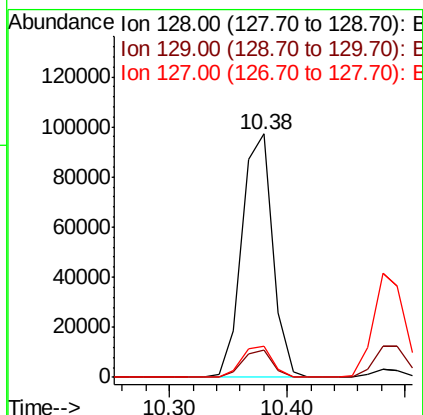
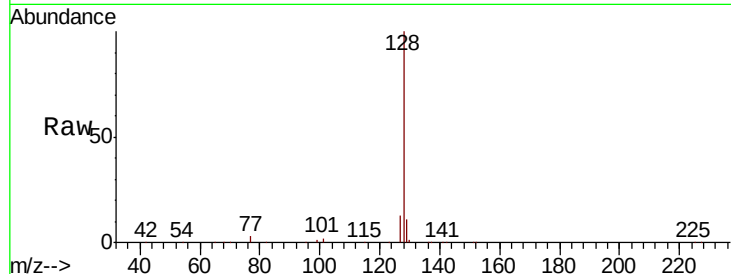




#9
Naphthalene
Concen: 4.857 ng
RT: 10.38 min Scan# 844
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

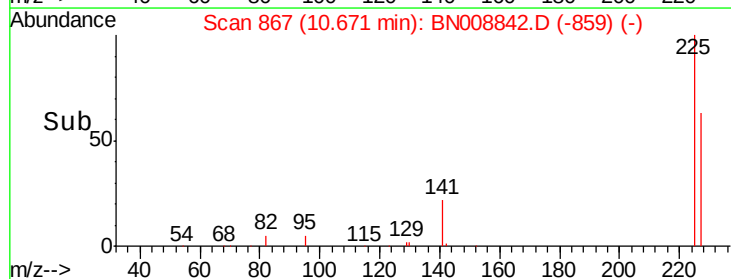
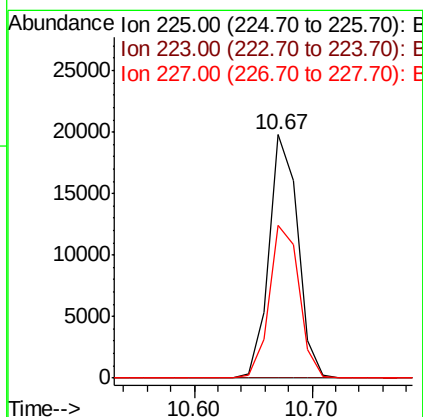
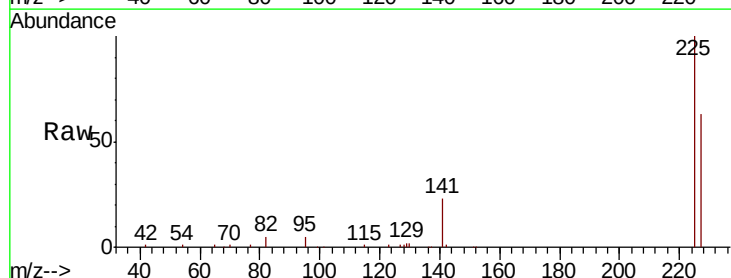
Instrument :
BNA_N
ClientSampleId :

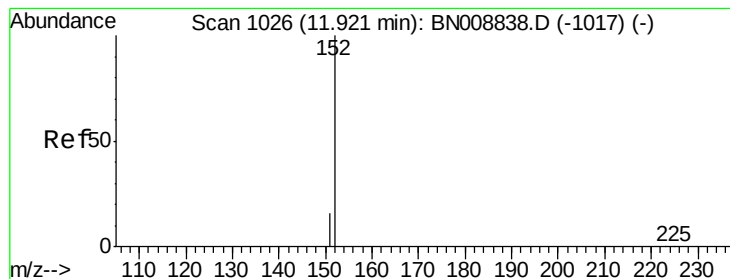
Tot Ion:128 Resp: 176284
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 12.6 10.5 15.7



#10
Hexachlorobutadiene
Concen: 4.439 ng
RT: 10.67 min Scan# 867
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Tgt Ion:225 Resp: 33934
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.5 50.9 76.3





#11

2-Methylnaphthalene-d10

Concen: 5.075 ng

RT: 11.92 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BN008842.D

Acq: 04 Dec 2019 14:55

Instrument :

BNA_N

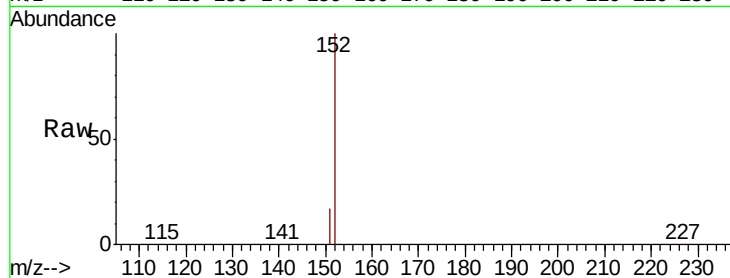
ClientSampleId :

Tot Ion:152 Resp: 110571

Ion Ratio Lower Upper

152 100

151 19.0 15.2 22.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

80000

60000

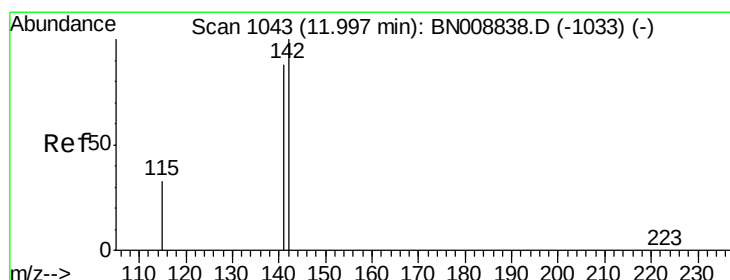
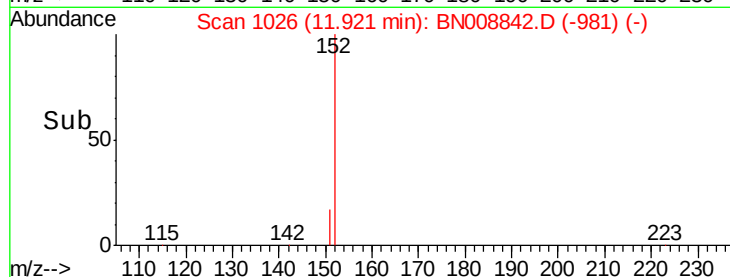
40000

20000

0

11.80 11.90 12.00 12.10

Time-->



#12

2-Methylnaphthalene

Concen: 5.309 ng

RT: 12.00 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BN008842.D

Acq: 04 Dec 2019 14:55

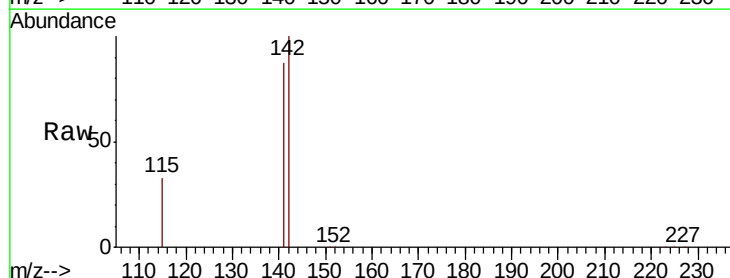
Tgt Ion:142 Resp: 130225

Ion Ratio Lower Upper

142 100

141 87.4 70.2 105.4

115 33.2 27.6 41.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

100000

80000

60000

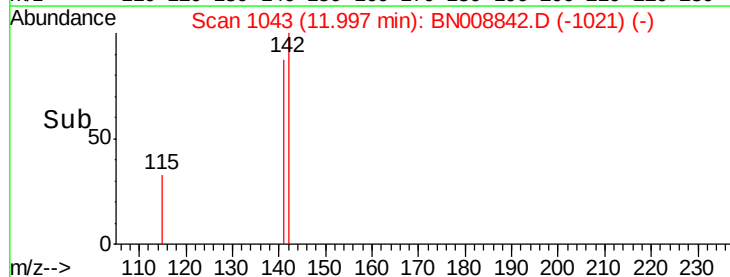
40000

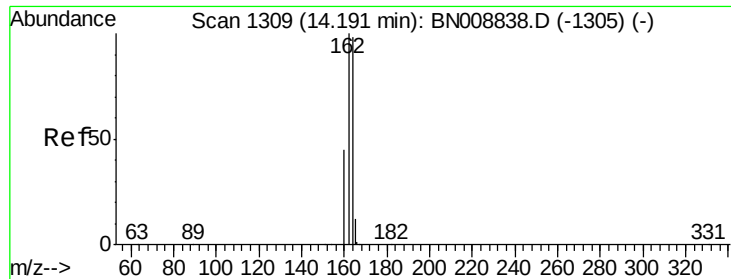
20000

0

11.90 12.00 12.10 12.20

Time-->

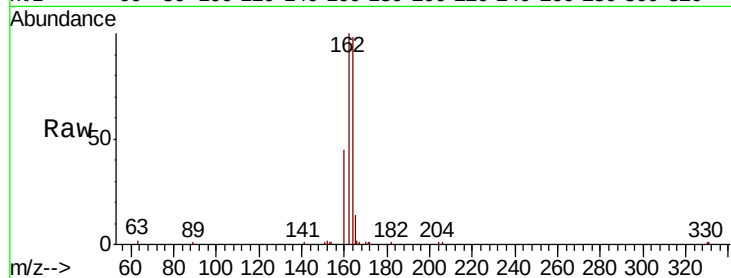




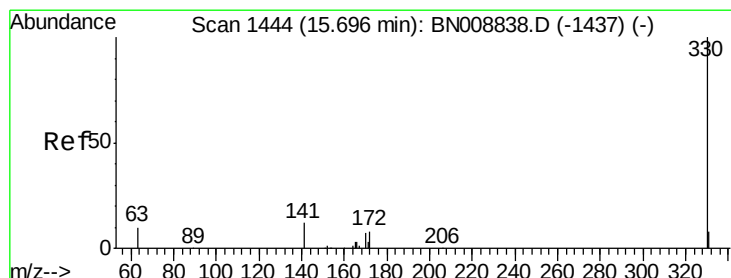
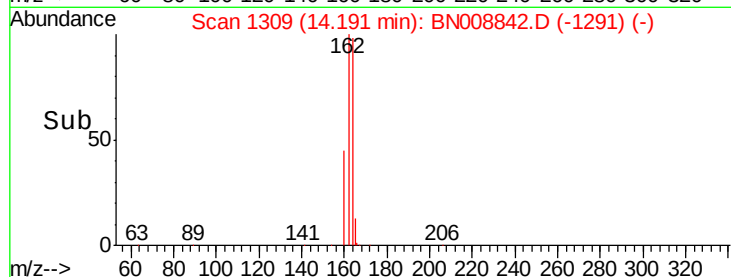
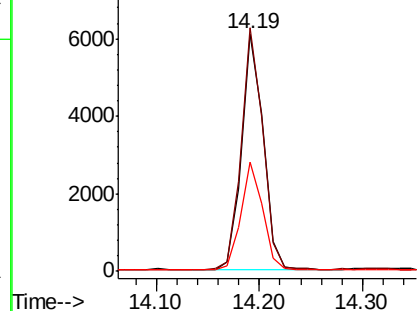
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.19 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BN008842.D
 Acq: 04 Dec 2019 14:55

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:164 Resp: 8783
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.9 122.9
 160 46.1 37.4 56.2

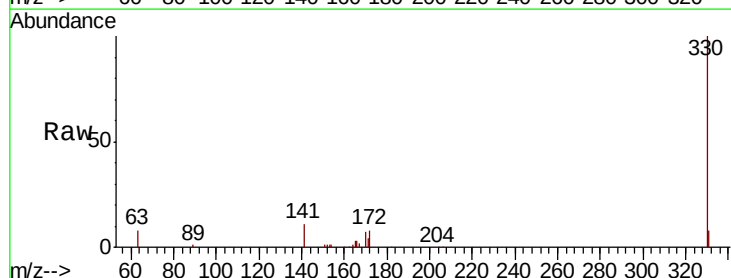


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

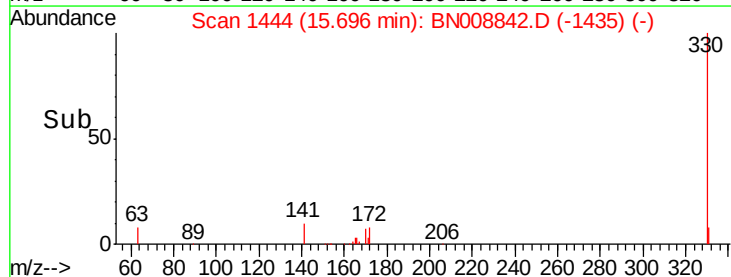
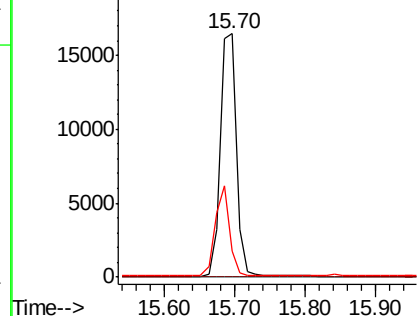


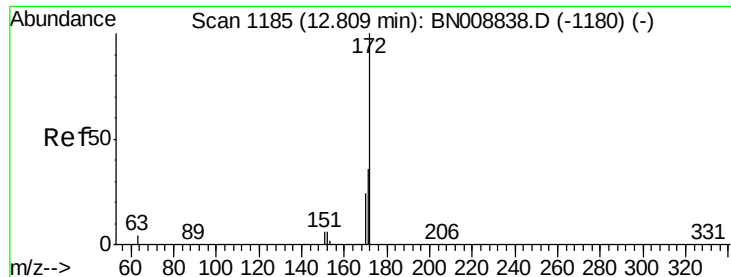
#14
 2,4,6-Tribromophenol
 Concen: 5.564 ng
 RT: 15.70 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BN008842.D
 Acq: 04 Dec 2019 14:55

Tgt Ion:330 Resp: 26615
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 33.0 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

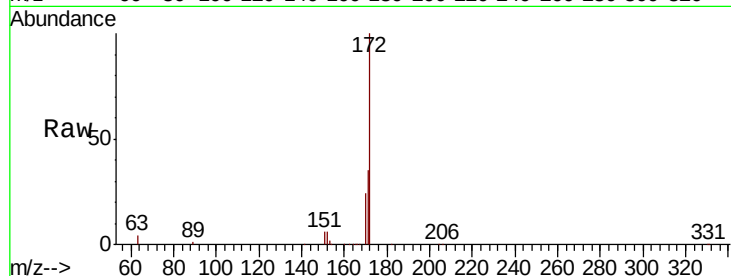




#15
2-Fluorobiphenyl
Concen: 4.700 ng
RT: 12.81 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	23.6	19.7	29.5

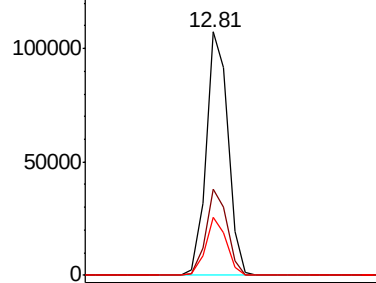


Abundance

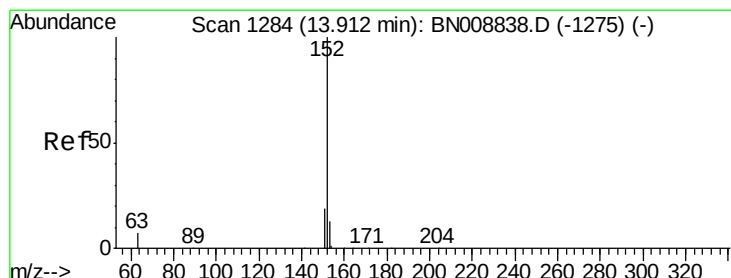
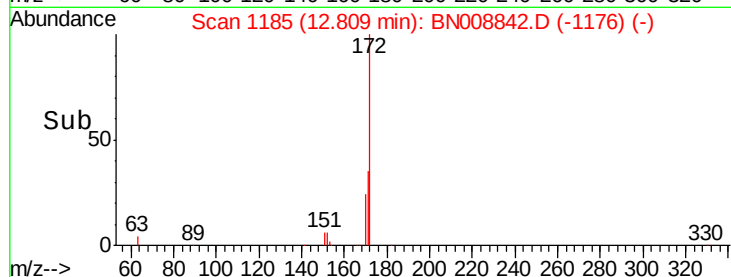
Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

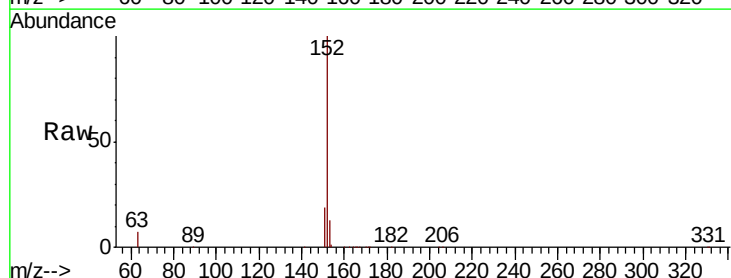


Time-->



#16
Acenaphthylene
Concen: 4.775 ng
RT: 13.91 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

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

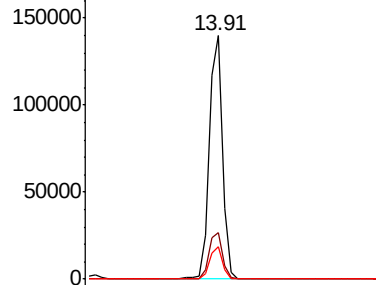


Abundance

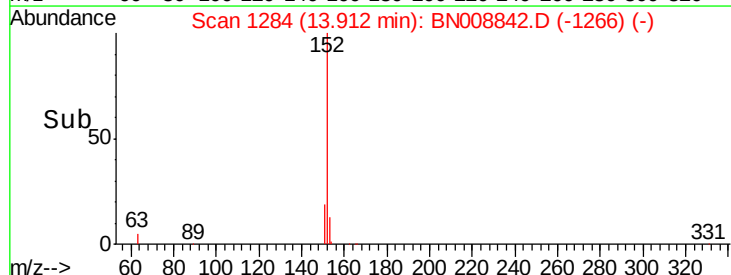
Ion 152.00 (151.70 to 152.70): E

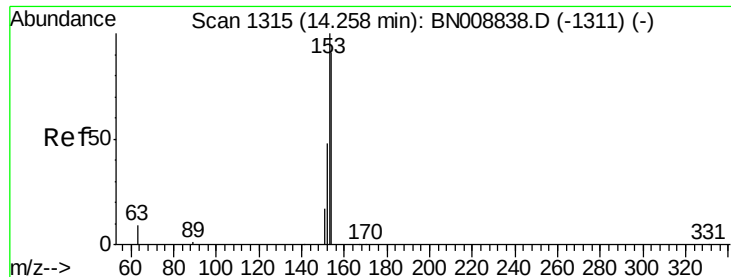
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->





#17

Acenaphthene

Concen: 4.519 ng

RT: 14.26 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BN008842.D

Acq: 04 Dec 2019 14:55

Instrument :

BNA_N

ClientSampleId :

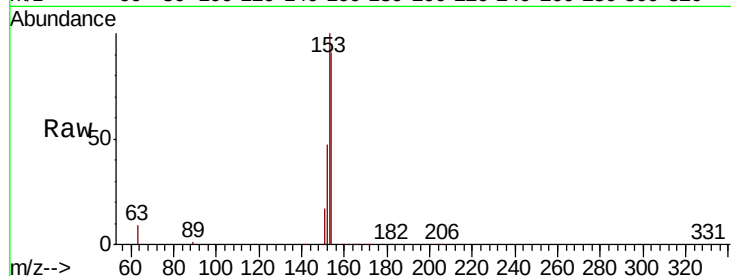
Tot Ion:154 Resp: 135714

Ion Ratio Lower Upper

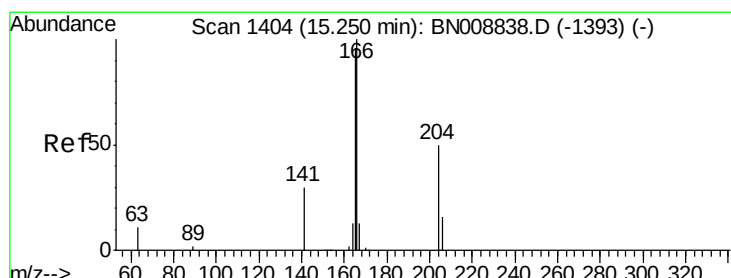
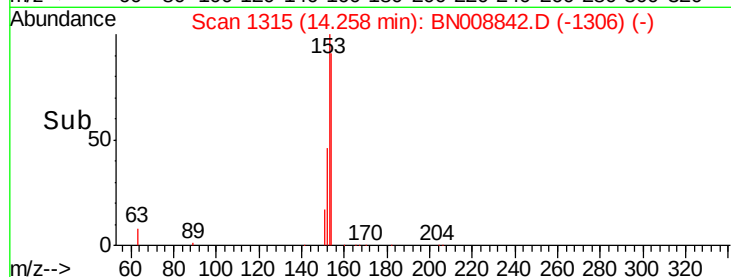
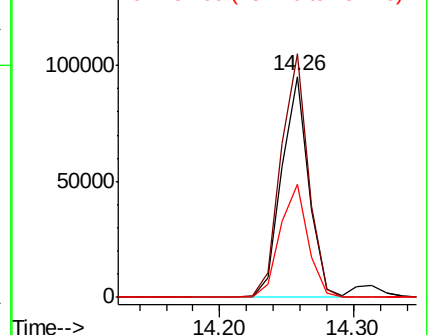
154 100

153 111.3 89.4 134.2

152 52.9 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: 4.695 ng

RT: 15.25 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BN008842.D

Acq: 04 Dec 2019 14:55

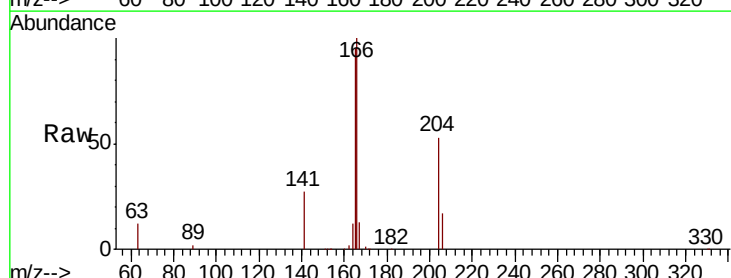
Tgt Ion:166 Resp: 180718

Ion Ratio Lower Upper

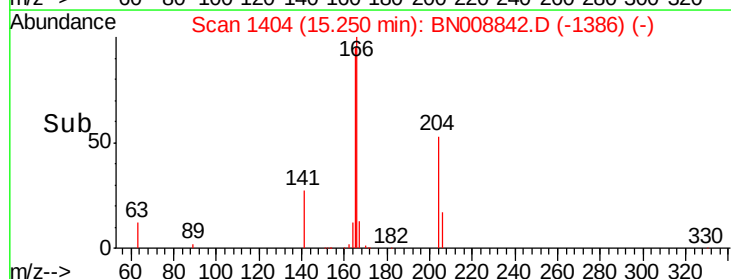
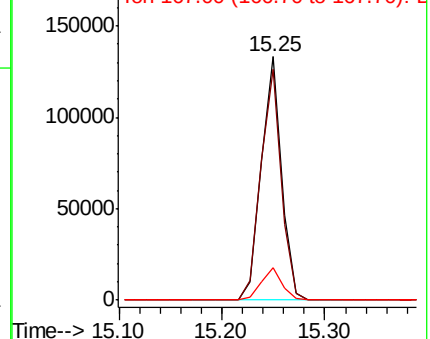
166 100

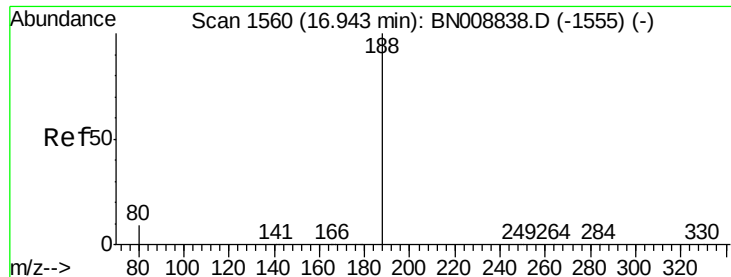
165 96.1 77.0 115.6

167 13.4 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: BN008842.D

Acq: 04 Dec 2019 14:55

Instrument :

BNA_N

ClientSampleId :

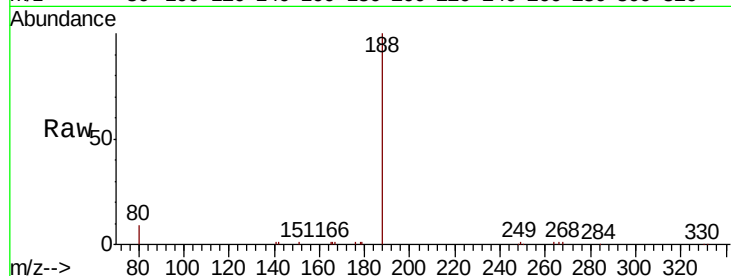
Tot Ion:188 Resp: 18894

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

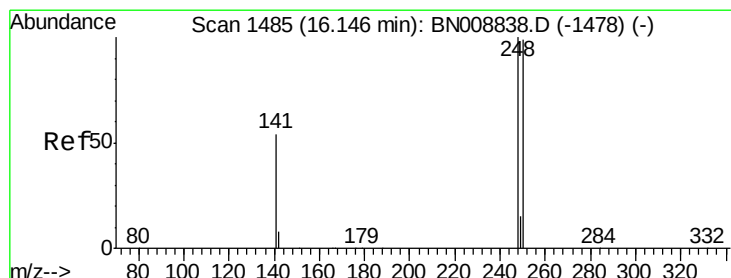
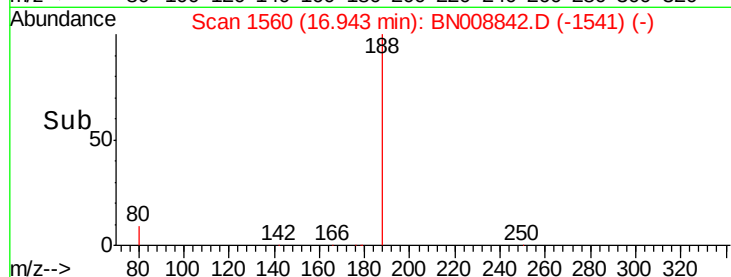
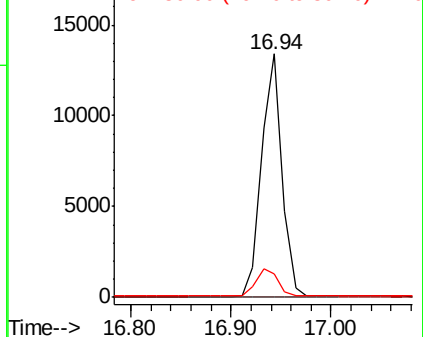
80 9.4 7.4 11.2



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: 5.135 ng

RT: 16.15 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BN008842.D

Acq: 04 Dec 2019 14:55

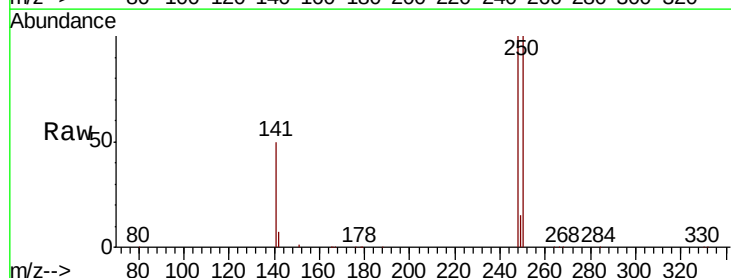
Tgt Ion:248 Resp: 58894

Ion Ratio Lower Upper

248 100

250 99.6 79.7 119.5

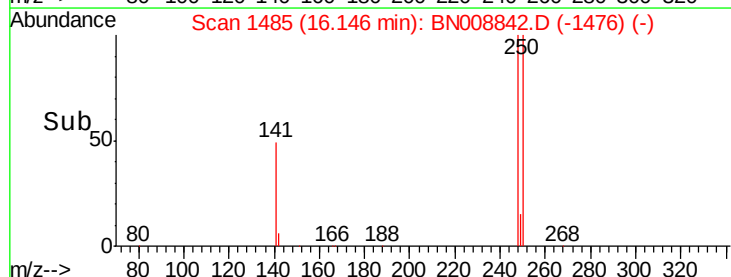
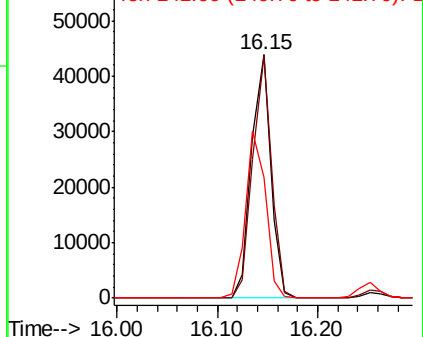
141 49.5 44.7 67.1

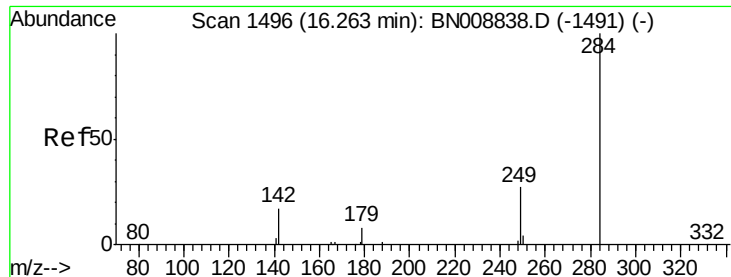


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 5.269 ng

RT: 16.26 min Scan# 1496

Delta R.T. -0.00 min

Lab File: BN008842.D

Acq: 04 Dec 2019 14:55

Instrument :

BNA_N

ClientSampleId :

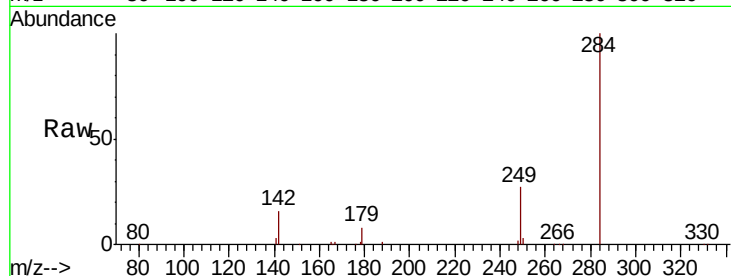
Tot Ion:284 Resp: 66063

Ion Ratio Lower Upper

284 100

142 31.8 25.4 38.0

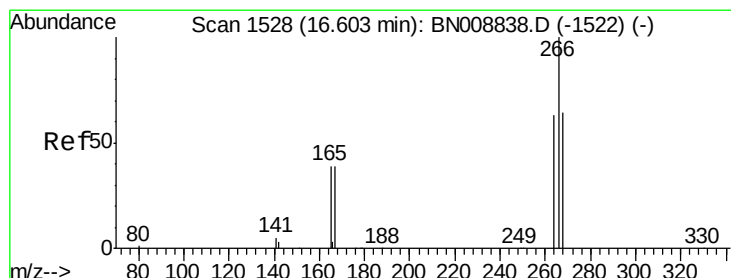
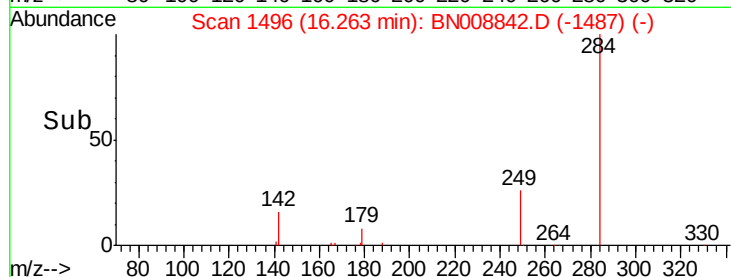
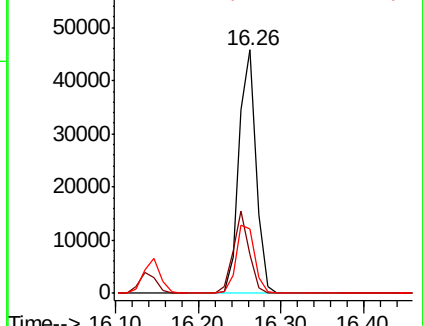
249 30.6 24.3 36.5



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: 6.862 ng

RT: 16.60 min Scan# 1528

Delta R.T. -0.00 min

Lab File: BN008842.D

Acq: 04 Dec 2019 14:55

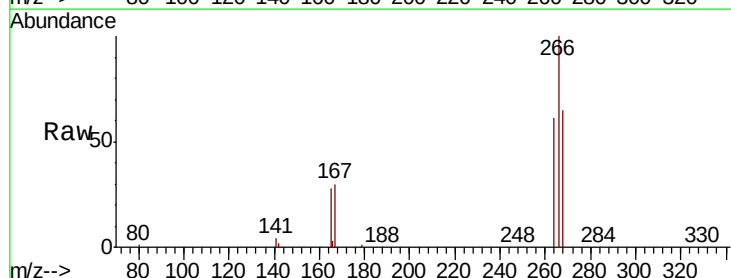
Tgt Ion:266 Resp: 31722

Ion Ratio Lower Upper

266 100

264 60.8 51.0 76.4

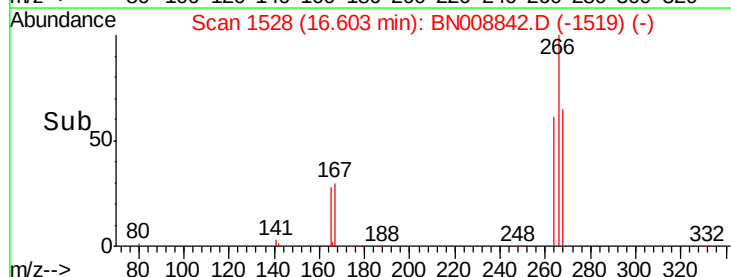
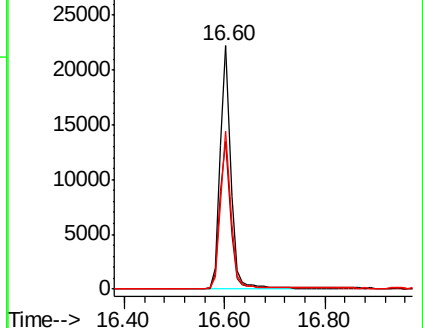
268 65.1 53.7 80.5

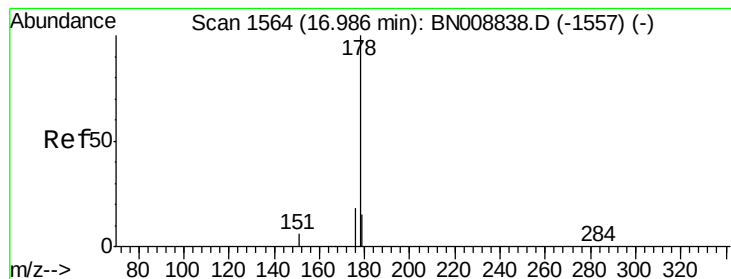


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 5.118 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN008842.D

Acq: 04 Dec 2019 14:55

Instrument :

BNA_N

ClientSampled :

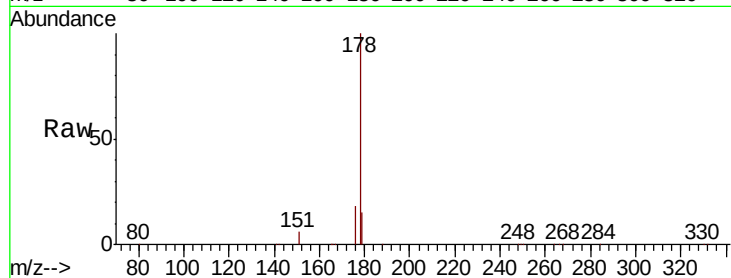
Tot Ion:178 Resp: 301218

Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

179 15.3 12.2 18.2

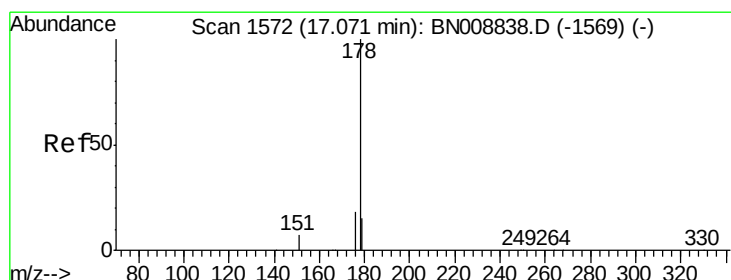
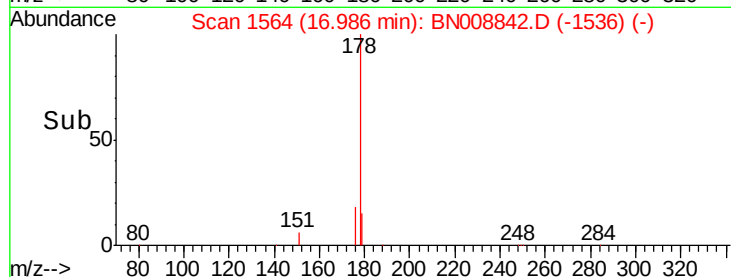
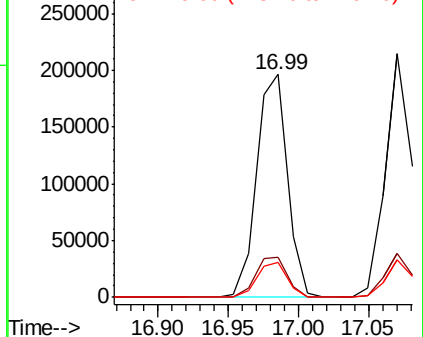


Abundance

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: 5.407 ng

RT: 17.07 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BN008842.D

Acq: 04 Dec 2019 14:55

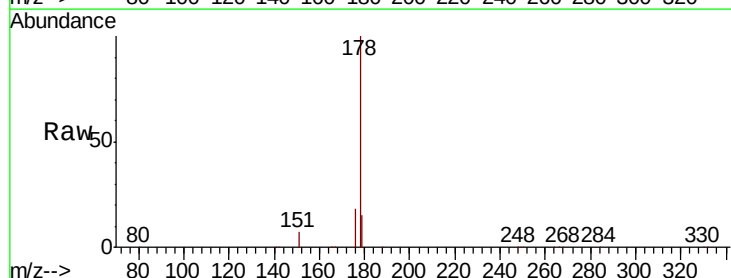
Tgt Ion:178 Resp: 287407

Ion Ratio Lower Upper

178 100

176 17.9 14.3 21.5

179 15.3 12.2 18.2

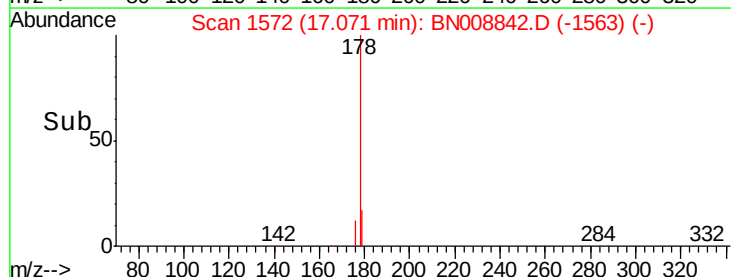
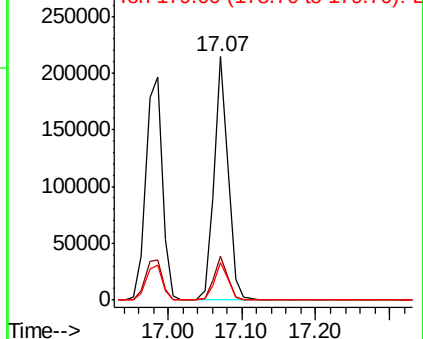


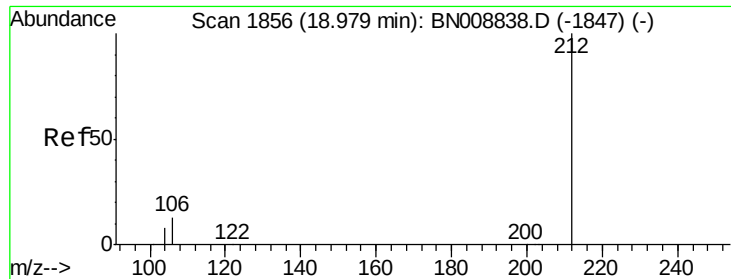
Abundance

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

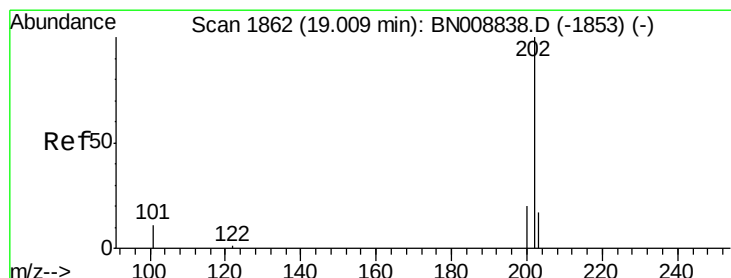
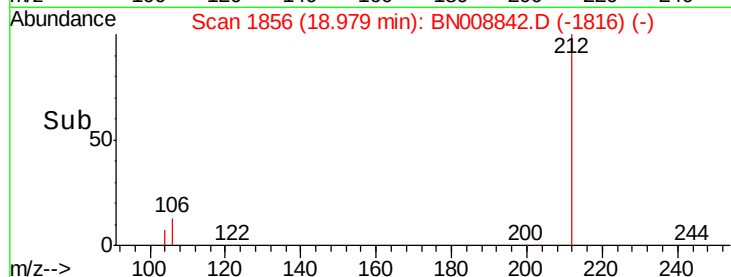
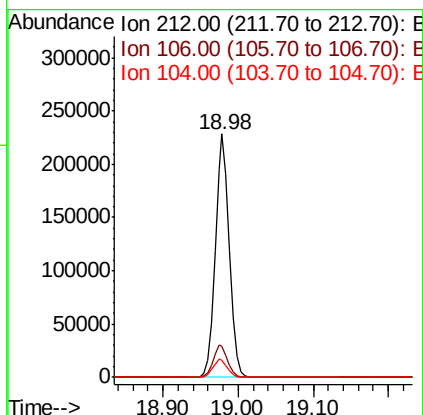
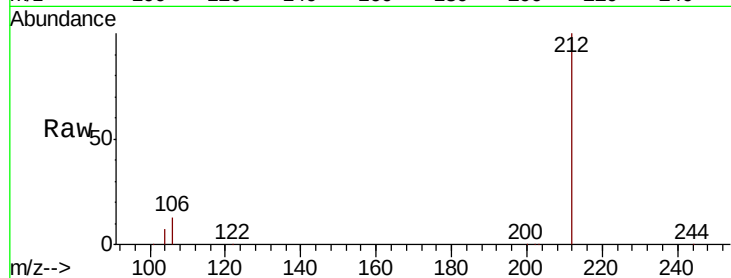




#25
 Fluoranthene-d10
 Concen: 4.743 ng
 RT: 18.98 min Scan# 1856
 Delta R.T. -0.00 min
 Lab File: BN008842.D
 Acq: 04 Dec 2019 14:55

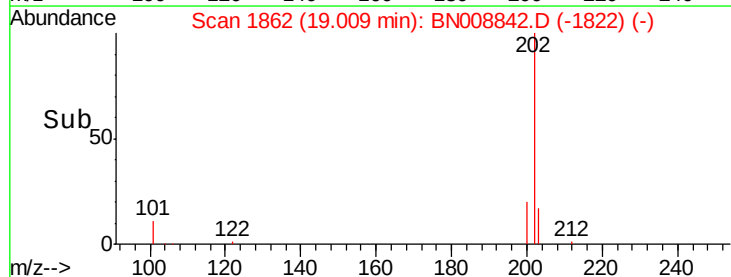
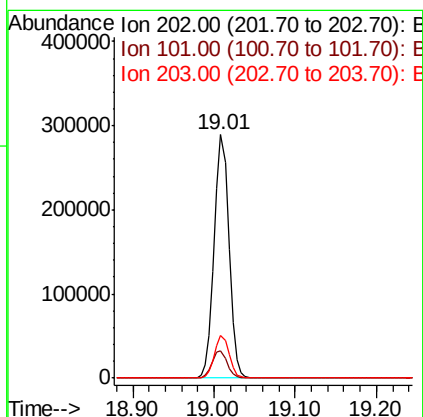
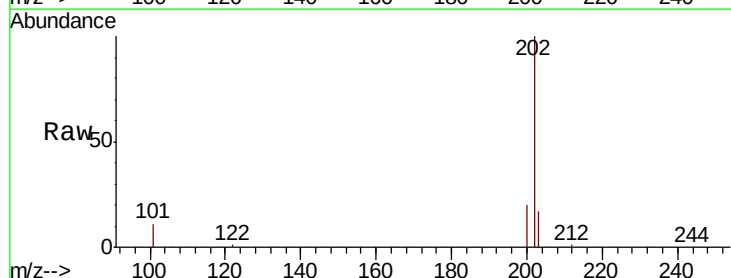
Instrument :
 BNA_N
 ClientSampleId :

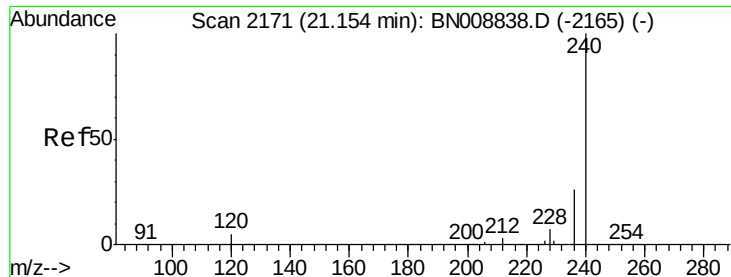
Tot Ion:212 Resp: 302035
 Ion Ratio Lower Upper
 212 100
 106 13.5 10.7 16.1
 104 7.6 6.1 9.1



#26
 Fluoranthene
 Concen: 4.952 ng
 RT: 19.01 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: BN008842.D
 Acq: 04 Dec 2019 14:55

Tgt Ion:202 Resp: 362386
 Ion Ratio Lower Upper
 202 100
 101 11.5 9.3 13.9
 203 17.3 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.14 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN008842.D

Acq: 04 Dec 2019 14:55

Instrument :

BNA_N

ClientSampleId :

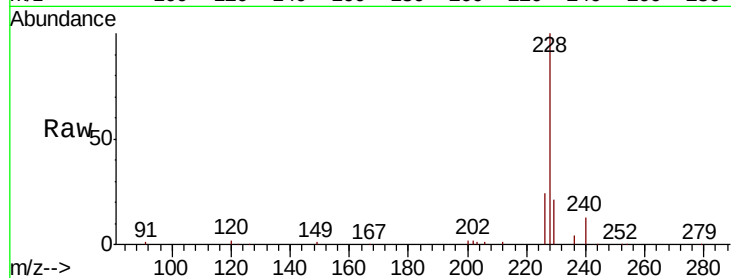
Tot Ion:240 Resp: 20492

Ion Ratio Lower Upper

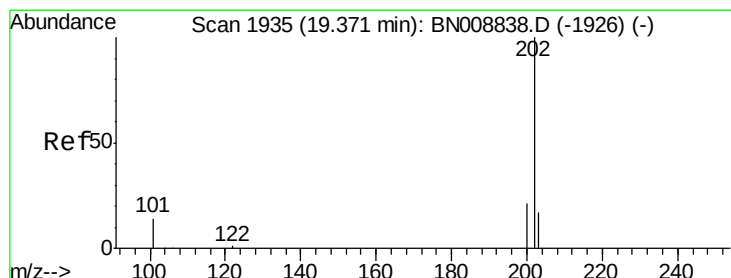
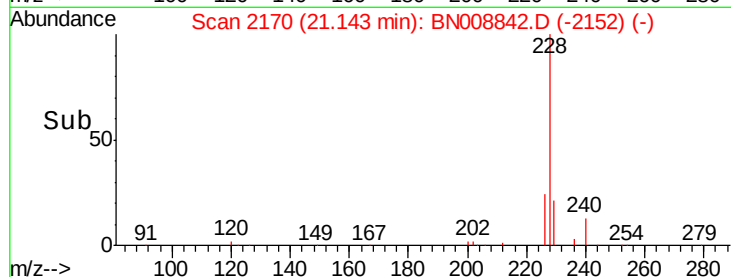
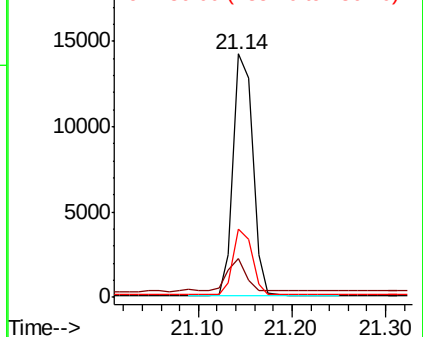
240 100

120 16.1 6.0 9.0#

236 27.9 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: 5.289 ng

RT: 19.37 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BN008842.D

Acq: 04 Dec 2019 14:55

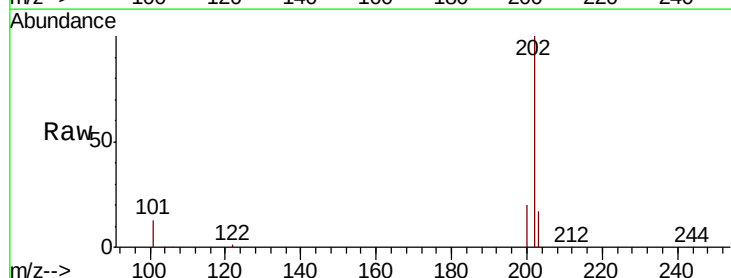
Tgt Ion:202 Resp: 369645

Ion Ratio Lower Upper

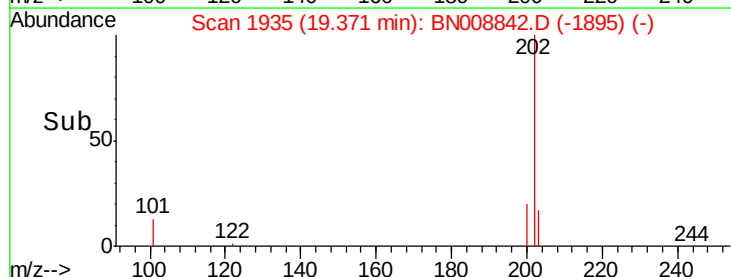
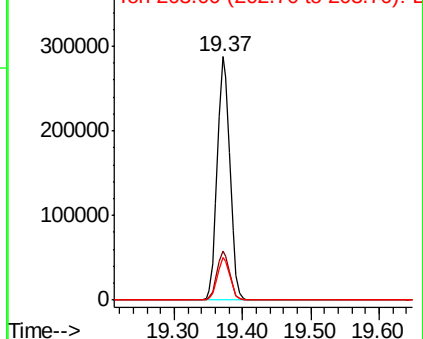
202 100

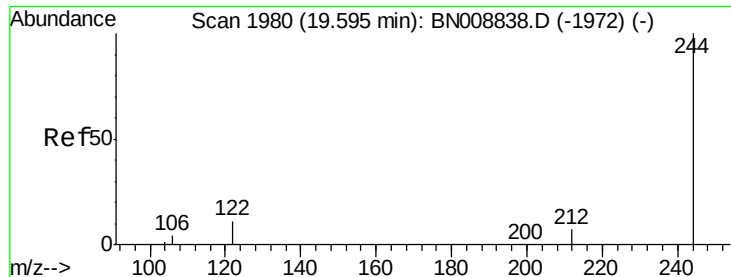
200 20.2 16.2 24.2

203 17.5 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: 4.825 ng

RT: 19.59 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BN008842.D

Acq: 04 Dec 2019 14:55

Instrument :

BNA_N

ClientSampled :

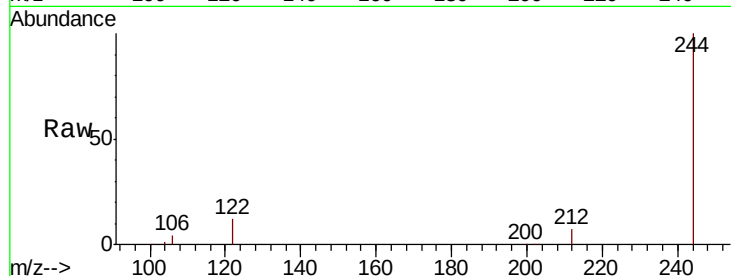
Tot Ion:244 Resp: 242856

Ion Ratio Lower Upper

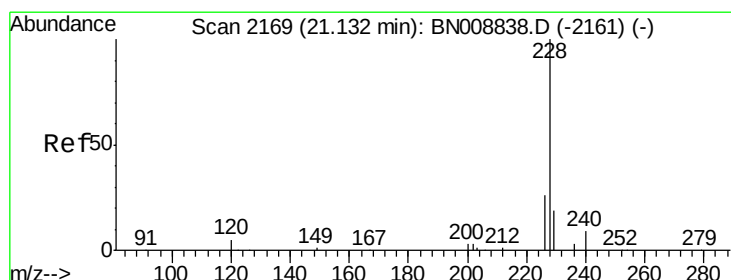
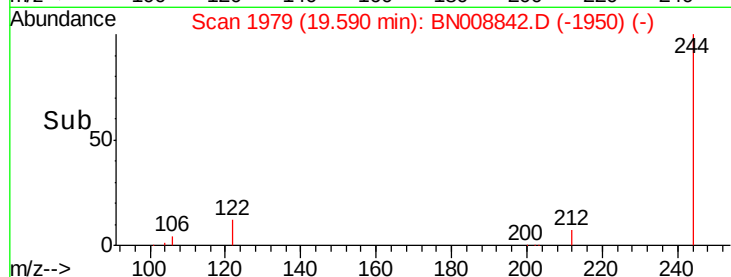
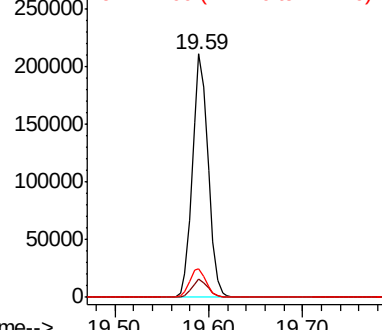
244 100

212 7.4 6.1 9.1

122 11.9 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 5.065 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BN008842.D

Acq: 04 Dec 2019 14:55

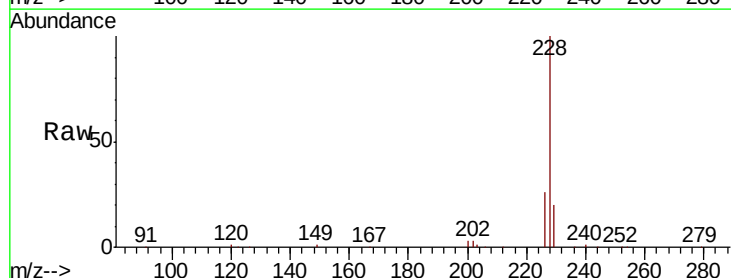
Tgt Ion:228 Resp: 382188

Ion Ratio Lower Upper

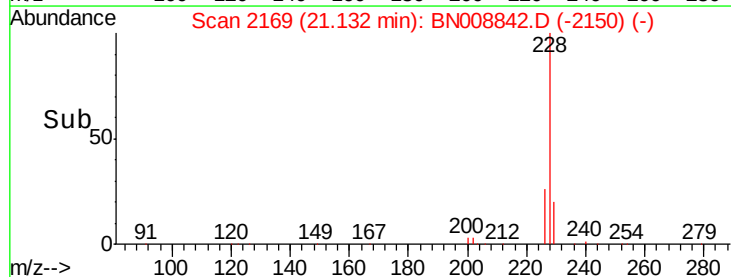
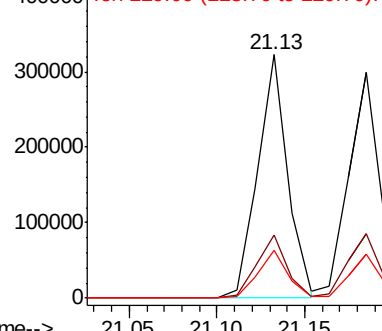
228 100

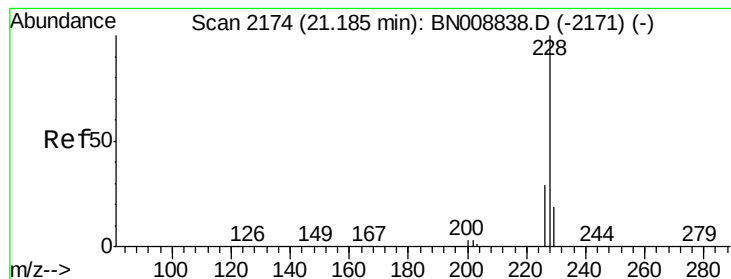
226 26.1 20.8 31.2

229 19.6 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: 4.984 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BN008842.D

Acq: 04 Dec 2019 14:55

Instrument :

BNA_N

ClientSampleId :

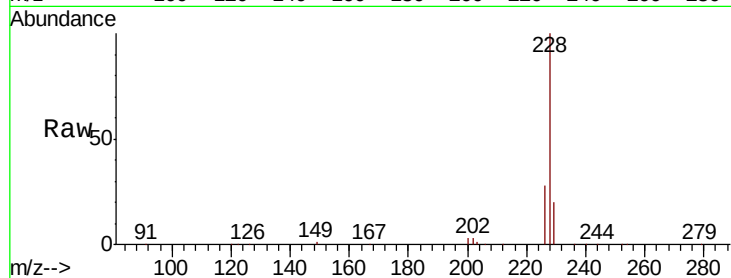
Tot Ion:228 Resp: 366570

Ion Ratio Lower Upper

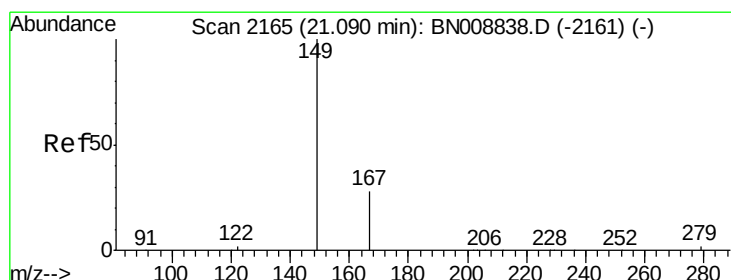
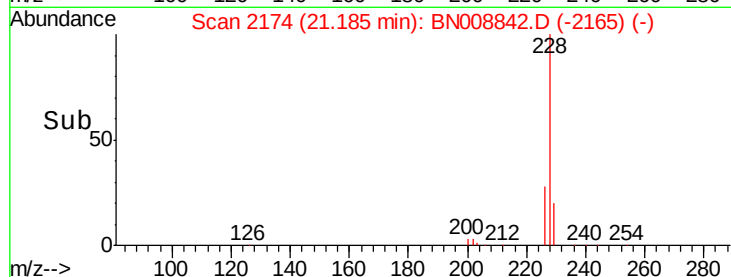
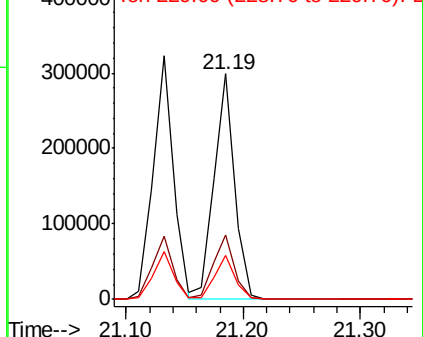
228 100

226 28.5 23.1 34.7

229 19.7 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: 6.105 ng

RT: 21.09 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BN008842.D

Acq: 04 Dec 2019 14:55

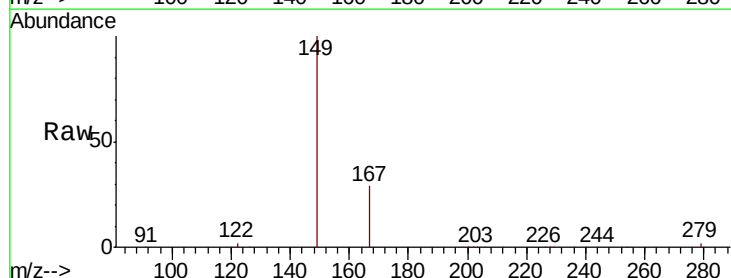
Tgt Ion:149 Resp: 236956

Ion Ratio Lower Upper

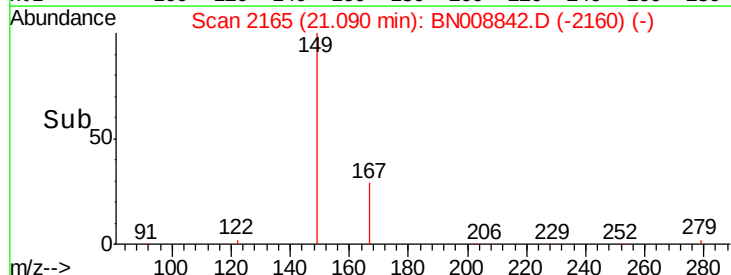
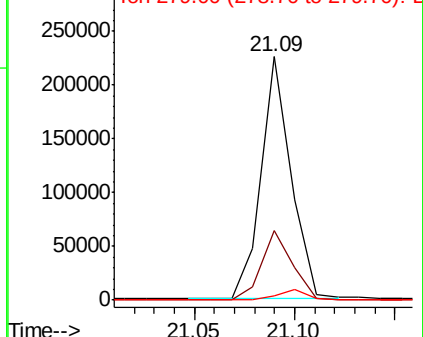
149 100

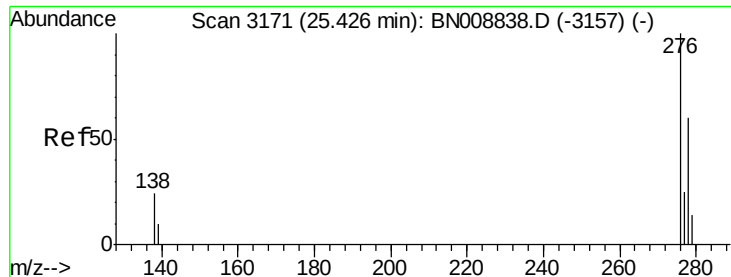
167 29.0 23.1 34.7

279 4.0 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

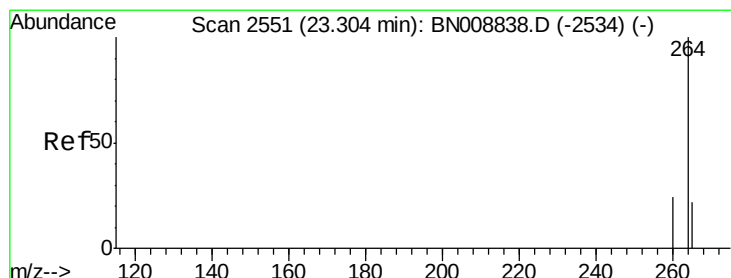
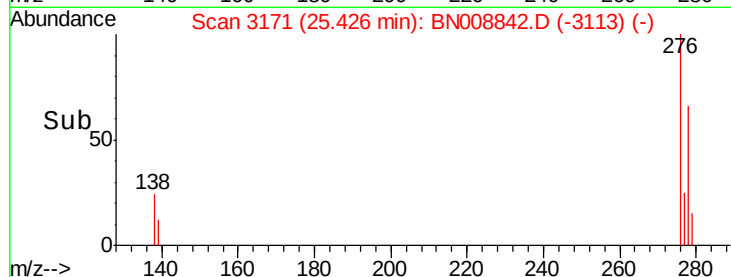
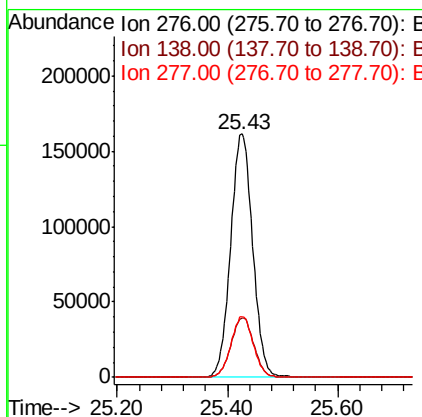
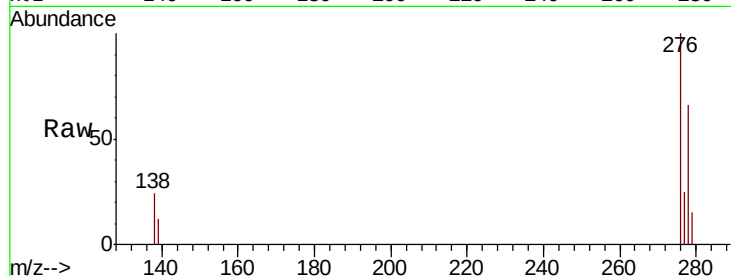




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 4.878 ng
 RT: 25.43 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: BN008842.D
 Acq: 04 Dec 2019 14:55

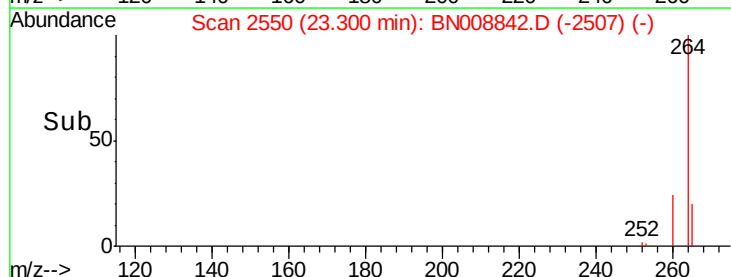
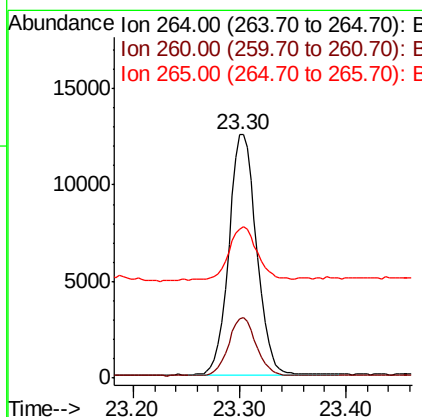
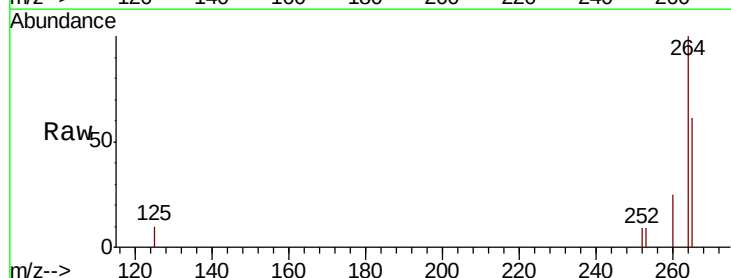
Instrument :
 BNA_N
 ClientSampleId :

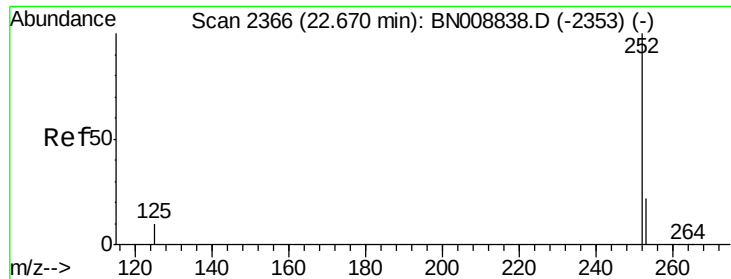
Tot Ion:276 Resp: 449196
 Ion Ratio Lower Upper
 276 100
 138 25.2 20.2 30.2
 277 25.0 19.8 29.6



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.30 min Scan# 2550
 Delta R.T. -0.00 min
 Lab File: BN008842.D
 Acq: 04 Dec 2019 14:55

Tgt Ion:264 Resp: 22389
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.9 29.9
 265 61.1 46.8 70.2

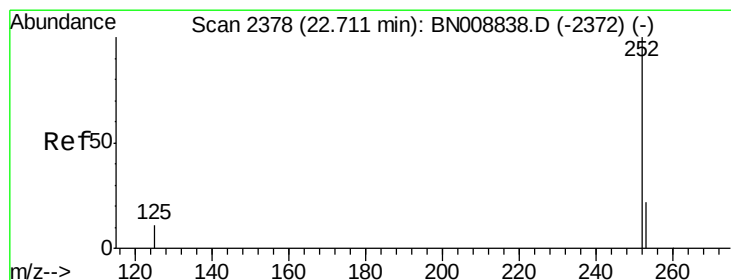
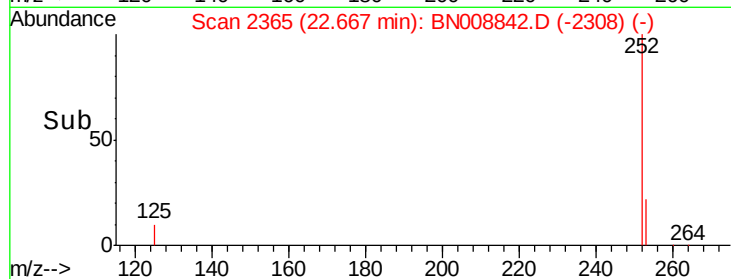
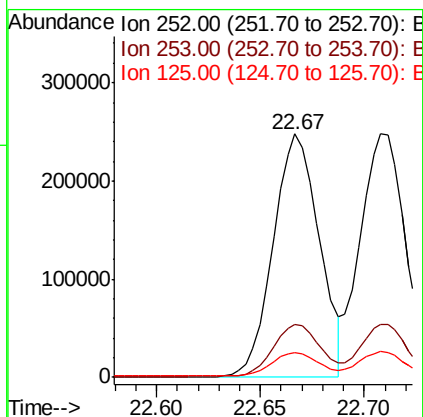
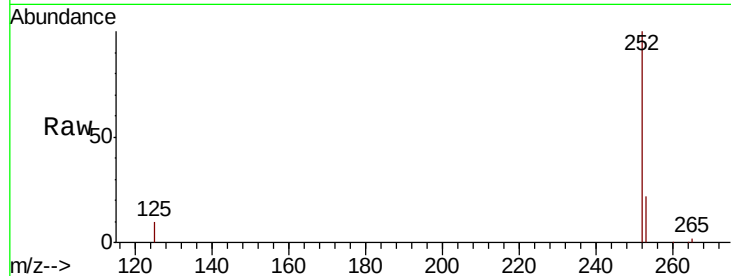




#35
Benzo(b)fluoranthene
Concen: 4.876 ng
RT: 22.67 min Scan# 2365
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

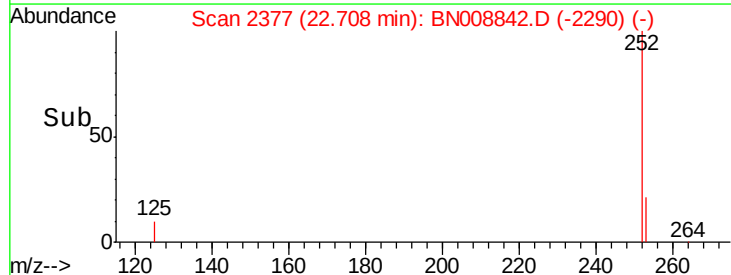
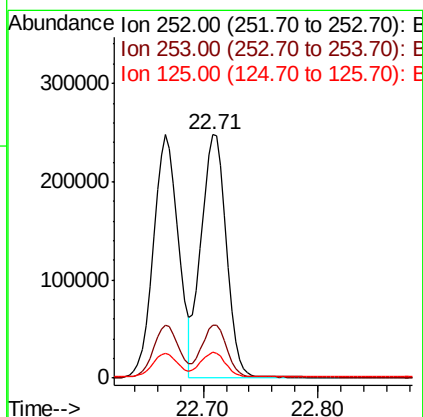
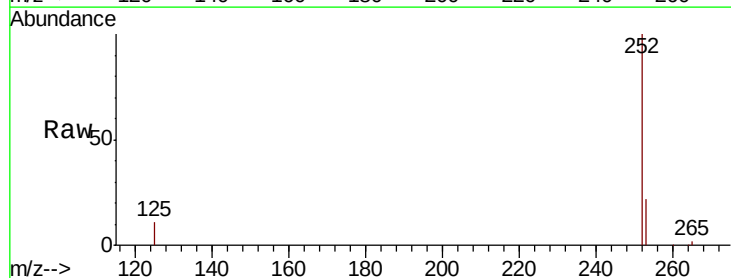
Instrument :
BNA_N
ClientSampleId :

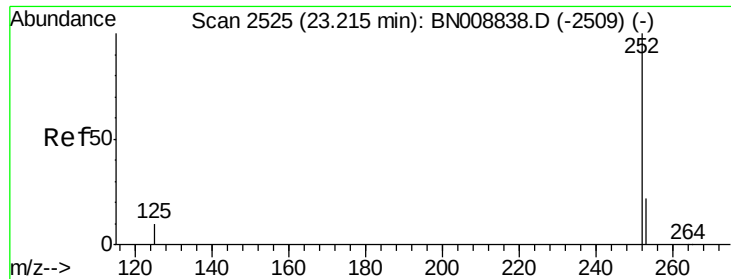
Tot Ion:252 Resp: 378995
Ion Ratio Lower Upper
252 100
253 22.0 20.6 31.0
125 10.3 12.3 18.5#



#36
Benzo(k)fluoranthene
Concen: 4.877 ng
RT: 22.71 min Scan# 2377
Delta R.T. -0.00 min
Lab File: BN008842.D
Acq: 04 Dec 2019 14:55

Tgt Ion:252 Resp: 374856
Ion Ratio Lower Upper
252 100
253 21.8 21.0 31.4
125 10.6 13.5 20.3#





#37

Benzo(a)pyrene

Concen: 4.928 ng

RT: 23.21 min Scan# 2524

Delta R.T. -0.00 min

Lab File: BN008842.D

Acq: 04 Dec 2019 14:55

Instrument :

BNA_N

ClientSampled :

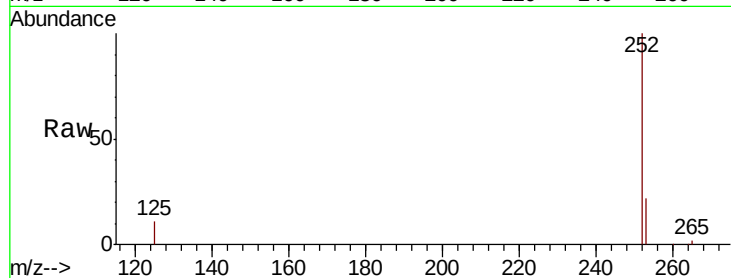
Tot Ion:252 Resp: 359939

Ion Ratio Lower Upper

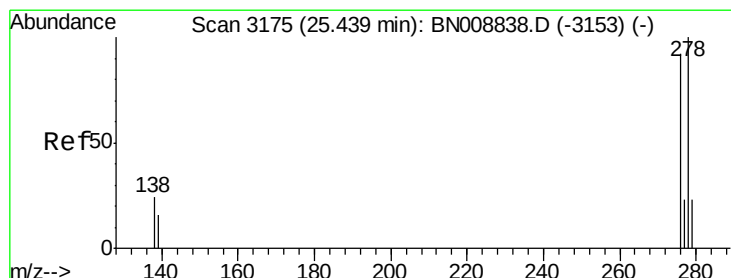
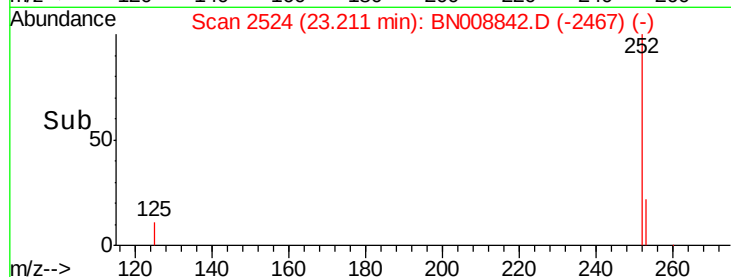
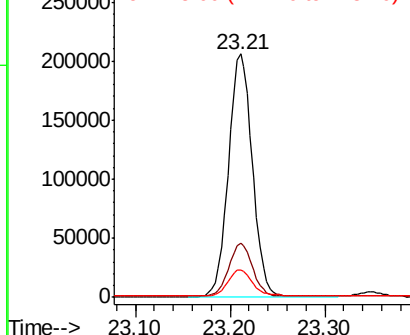
252 100

253 22.1 21.4 32.2

125 11.3 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: 4.863 ng

RT: 25.44 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BN008842.D

Acq: 04 Dec 2019 14:55

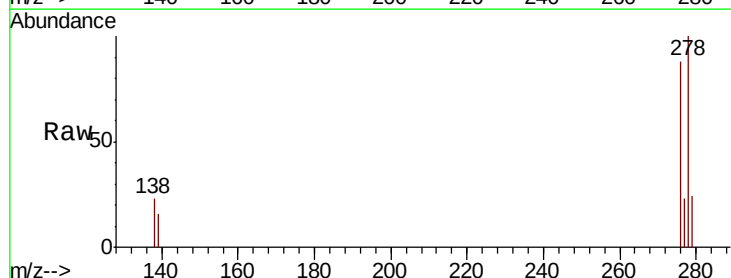
Tgt Ion:278 Resp: 363468

Ion Ratio Lower Upper

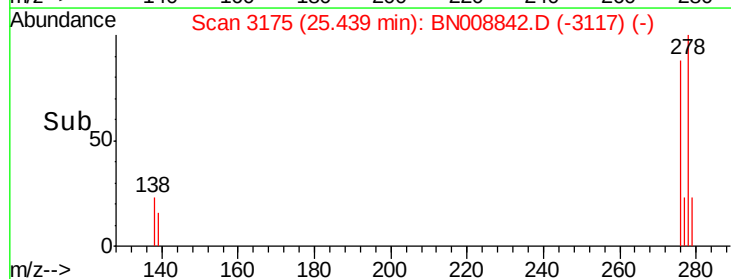
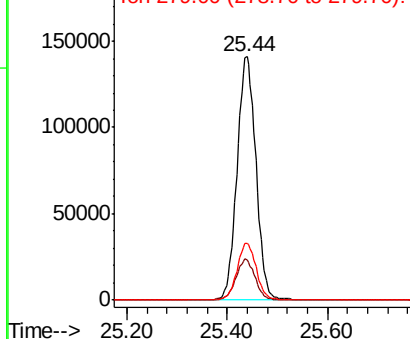
278 100

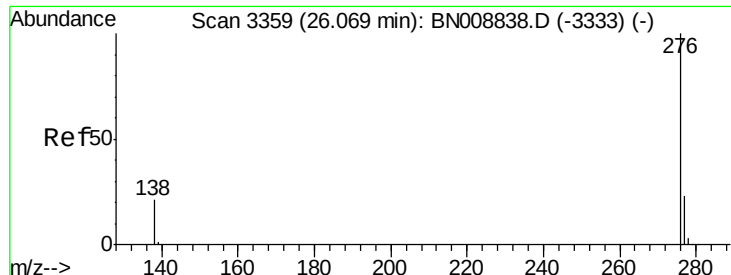
139 16.4 15.3 22.9

279 23.5 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: 5.038 ng

RT: 26.07 min Scan# 3359

Delta R.T. -0.00 min

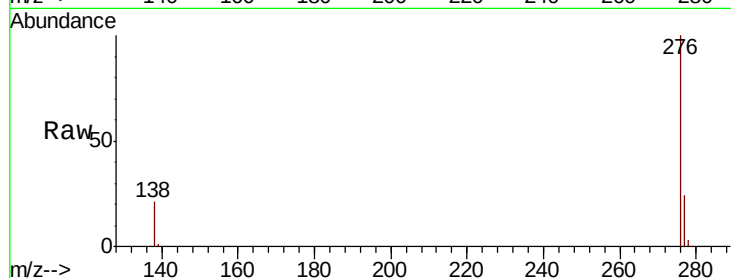
Lab File: BN008842.D

Acq: 04 Dec 2019 14:55

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 372578

Ion Ratio Lower Upper

276 100

277 23.7 20.1 30.1

138 21.4 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

