

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120519\
 Data File : BN008850.D
 Acq On : 05 Dec 2019 16:38
 Operator : JU
 Sample : PB124508BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 06 03:11:37 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	4214	0.40	ng	-0.02
7) Naphthalene-d8	10.32	136	17894	0.40	ng	-0.01
13) Acenaphthene-d10	14.19	164	12614	0.40	ng	0.00
19) Phenanthrene-d10	16.93	188	28335	0.40	ng	-0.01
27) Chrysene-d12	21.15	240	30923	0.40	ng	0.00
34) Perylene-d12	23.31	264	34190	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	4499	0.39	ng	-0.02
5) Phenol-d6	6.74	99	6262	0.40	ng	-0.02
8) Nitrobenzene-d5	8.69	82	6339	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	11.91	152	12042	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	2637	0.38	ng	-0.01
15) 2-Fluorobiphenyl	12.81	172	19002	0.40	ng	0.00
25) Fluoranthene-d10	18.98	212	34188	0.40	ng	0.00
29) Terphenyl-d14	19.59	244	28315	0.40	ng	0.00

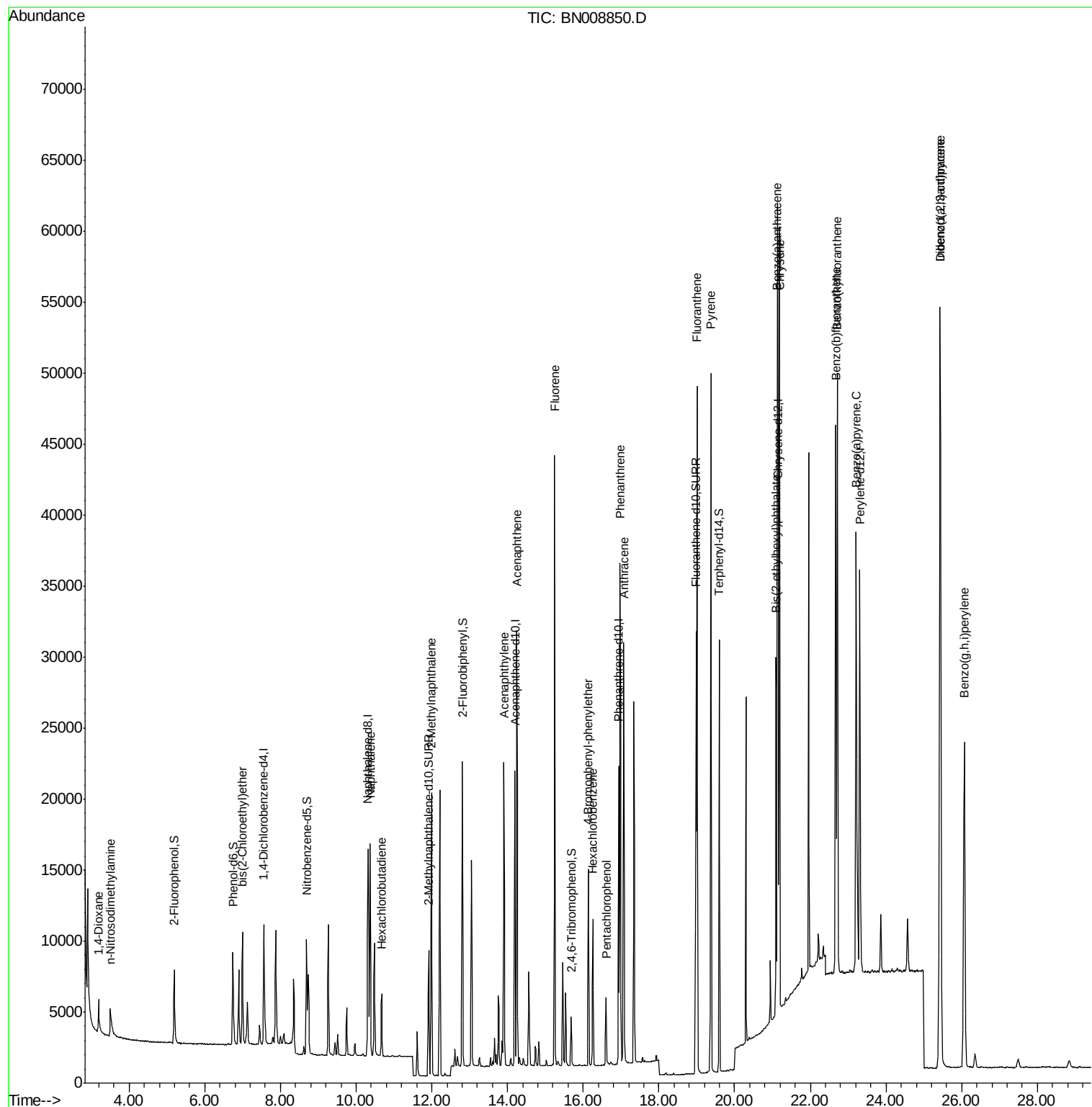
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	1472	0.364	ng	# 100
3) n-Nitrosodimethylamine	3.51	42	2100	0.375	ng	# 100
6) bis(2-Chloroethyl)ether	6.99	93	5642	0.404	ng	97
9) Naphthalene	10.37	128	19159	0.402	ng	99
10) Hexachlorobutadiene	10.67	225	3827	0.407	ng	# 100
12) 2-Methylnaphthalene	11.99	142	14205	0.404	ng	100
16) Acenaphthylene	13.90	152	22609	0.384	ng	100
17) Acenaphthene	14.25	154	14888	0.399	ng	99
18) Fluorene	15.24	166	19835	0.401	ng	100
20) 4-Bromophenyl-phenylether	16.14	248	6678	0.403	ng	# 83
21) Hexachlorobenzene	16.25	284	7715	0.403	ng	99
22) Pentachlorophenol	16.60	266	2812	0.367	ng	98
23) Phenanthrene	16.97	178	34875	0.403	ng	100
24) Anthracene	17.07	178	31051	0.391	ng	100
26) Fluoranthene	19.01	202	41954	0.403	ng	100
28) Pyrene	19.37	202	43329	0.402	ng	100
30) Benzo(a)anthracene	21.13	228	43956	0.393	ng	99
31) Chrysene	21.19	228	42324	0.390	ng	100
32) Bis(2-ethylhexyl)phthalate	21.09	149	25602	0.344	ng	100
33) Indeno(1,2,3-cd)pyrene	25.43	276	54592	0.408	ng	98
35) Benzo(b)fluoranthene	22.67	252	44652	0.393	ng	96
36) Benzo(k)fluoranthene	22.71	252	45687	0.409	ng	96
37) Benzo(a)pyrene	23.21	252	42275	0.395	ng	96
38) Dibenzo(a,h)anthracene	25.44	278	44190	0.404	ng	97
39) Benzo(g,h,i)perylene	26.07	276	44604	0.403	ng	98

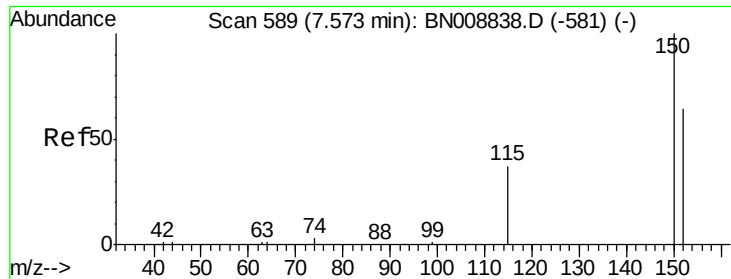
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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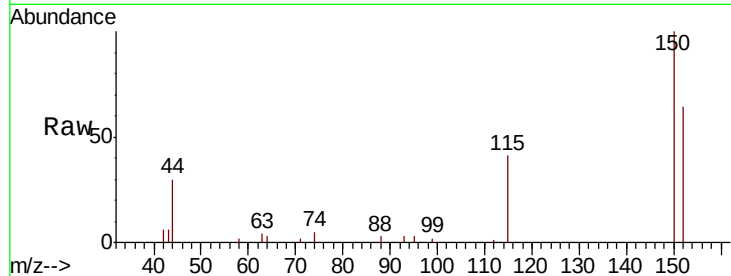


#1

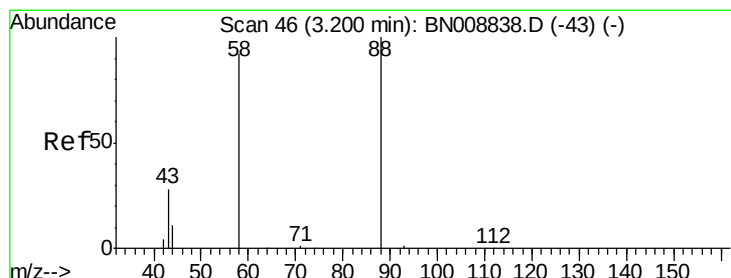
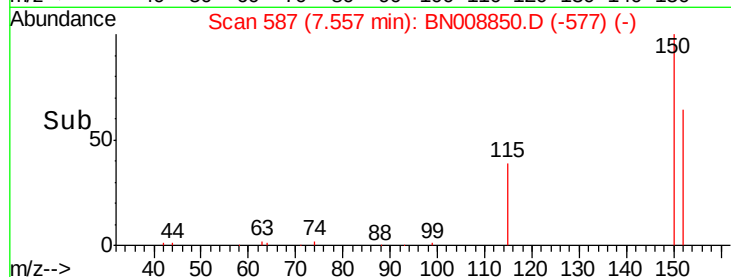
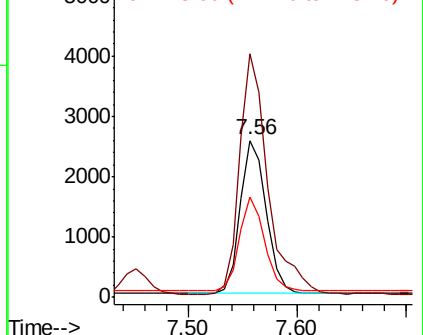
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. -0.02 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 4214
Ion Ratio Lower Upper
152 100
150 155.4 123.9 185.9
115 63.8 49.9 74.9



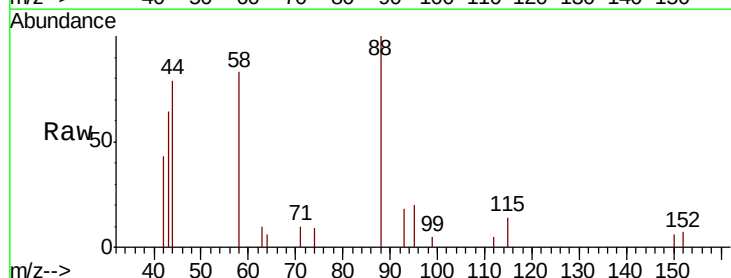
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



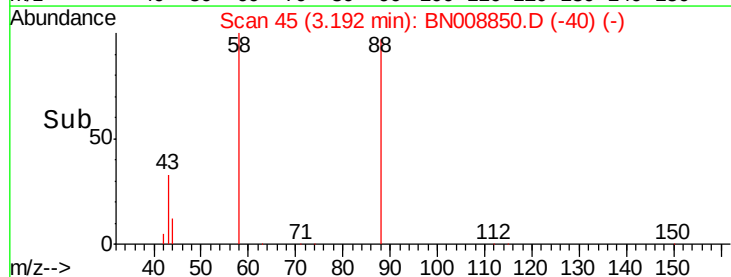
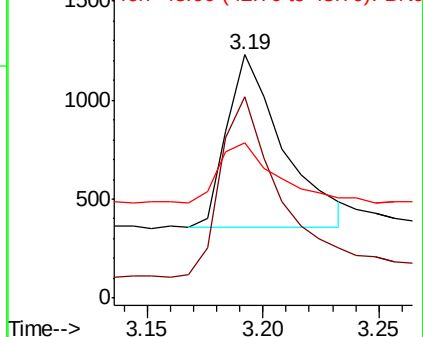
#2

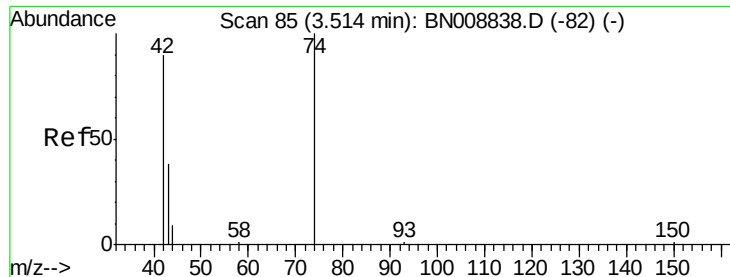
1,4-Dioxane
Concen: 0.364 ng
RT: 3.19 min Scan# 45
Delta R.T. -0.01 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Tgt Ion: 88 Resp: 1472
Ion Ratio Lower Upper
88 100
58 109.9 0.0 0.0#
43 35.8 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: 0.375 ng

RT: 3.51 min Scan# 84

Delta R.T. -0.01 min

Lab File: BN008850.D

Acq: 05 Dec 2019 16:38

Instrument :

BNA_N

ClientSampled :

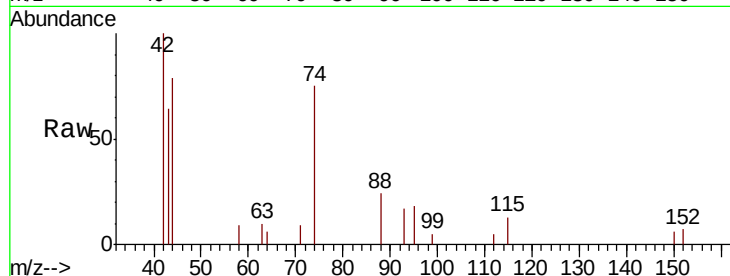
Tot Ion: 42 Resp: 2100

Ion Ratio Lower Upper

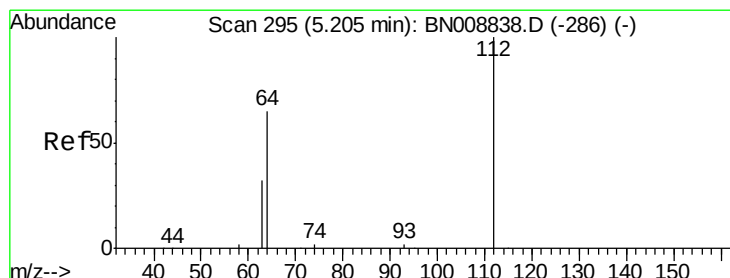
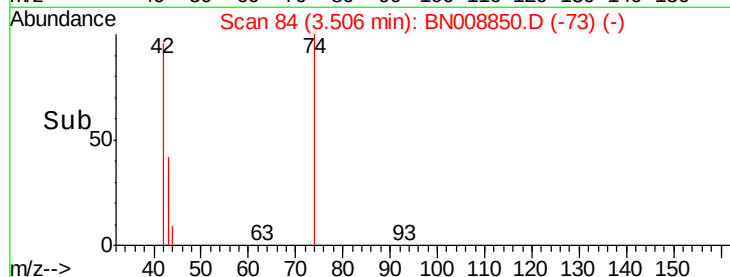
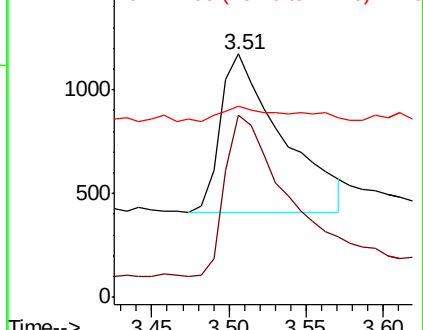
42 100

74 103.9 0.0 0.0#

44 11.6 0.0 0.0#



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



#4

2-Fluorophenol

Concen: 0.394 ng

RT: 5.19 min Scan# 293

Delta R.T. -0.02 min

Lab File: BN008850.D

Acq: 05 Dec 2019 16:38

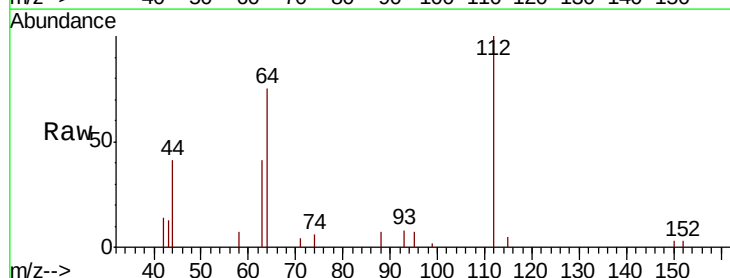
Tgt Ion: 112 Resp: 4499

Ion Ratio Lower Upper

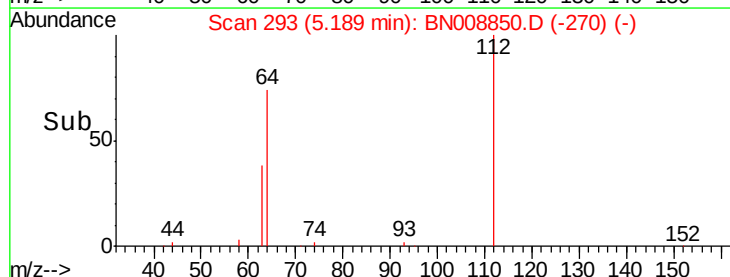
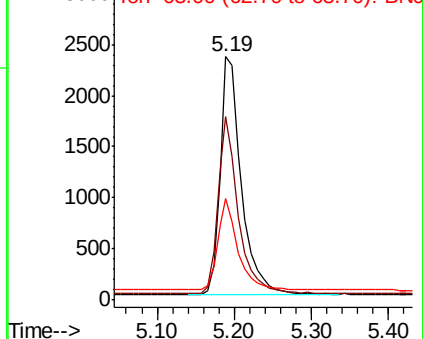
112 100

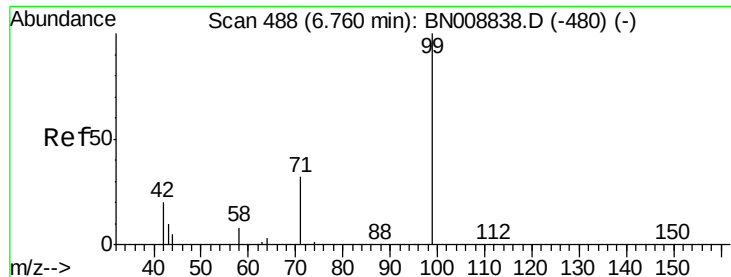
64 70.7 56.3 84.5

63 36.1 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.403 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.02 min

Lab File: BN008850.D

Acq: 05 Dec 2019 16:38

Instrument :

BNA_N

ClientSampleId :

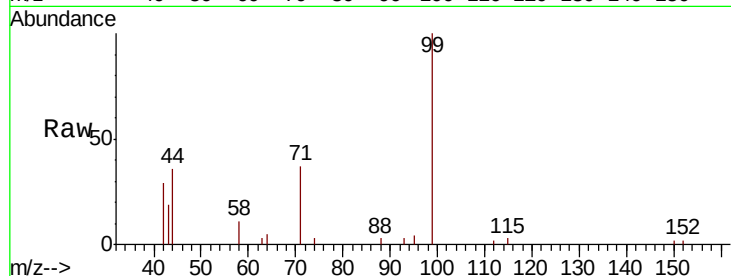
Tot Ion: 99 Resp: 6262

Ion Ratio Lower Upper

99 100

42 23.3 18.1 27.1

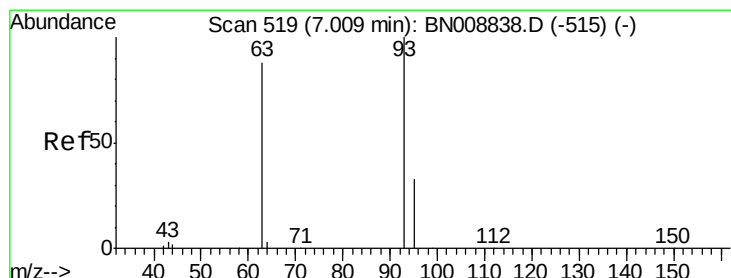
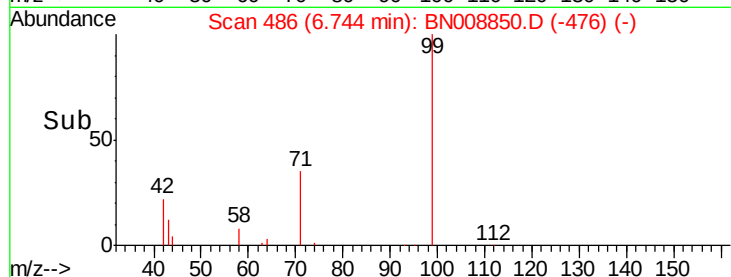
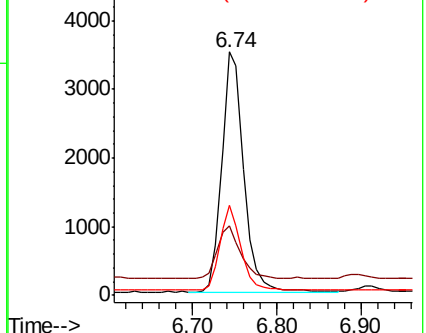
71 34.3 26.6 40.0



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

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

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



#6

bis(2-Chloroethyl)ether

Concen: 0.404 ng

RT: 6.99 min Scan# 517

Delta R.T. -0.02 min

Lab File: BN008850.D

Acq: 05 Dec 2019 16:38

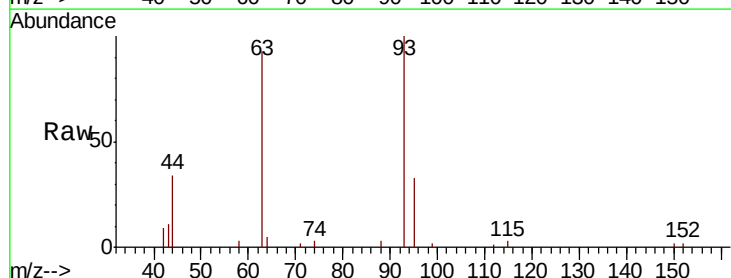
Tgt Ion: 93 Resp: 5642

Ion Ratio Lower Upper

93 100

63 93.1 72.1 108.1

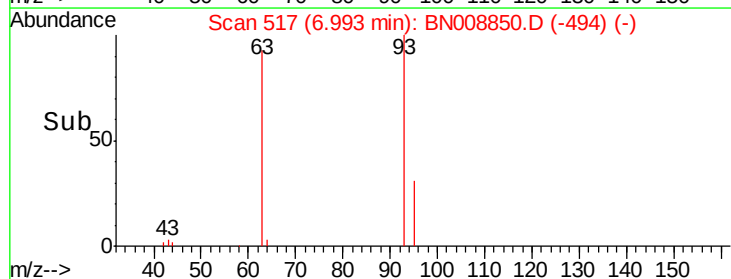
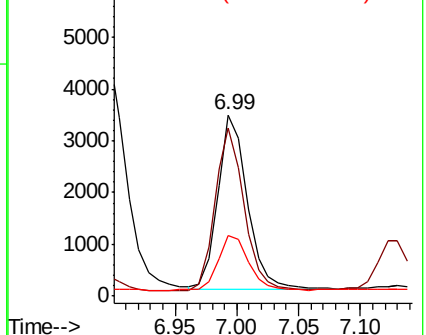
95 32.9 25.7 38.5

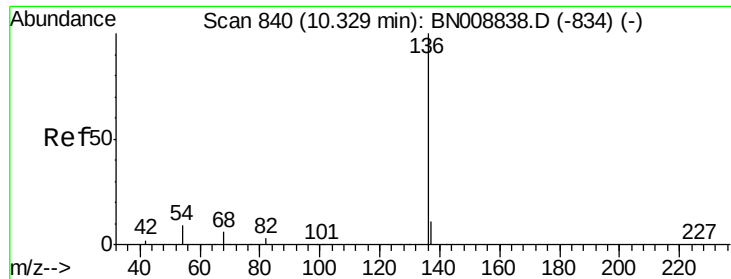


Abundance Ion 93.00 (92.70 to 93.70): BN008838.D (-515) (-)

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

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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. -0.01 min

Lab File: BN008850.D

Acq: 05 Dec 2019 16:38

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 17894

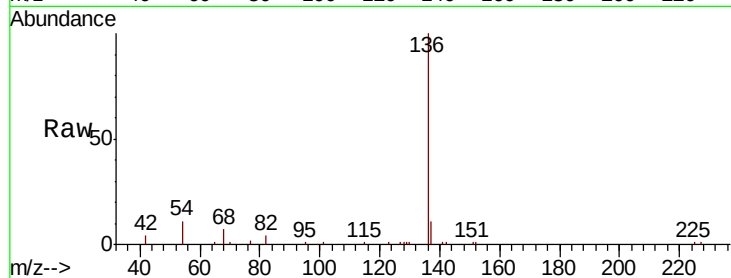
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 11.0 8.2 12.2

68 6.6 5.4 8.2

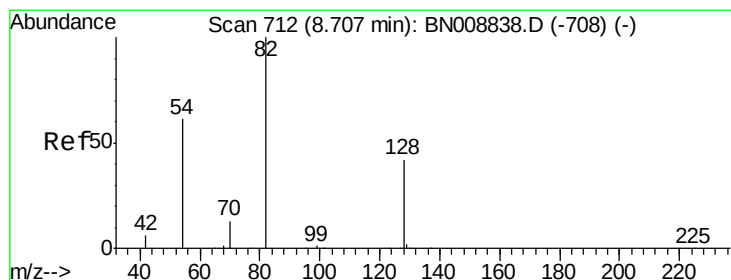
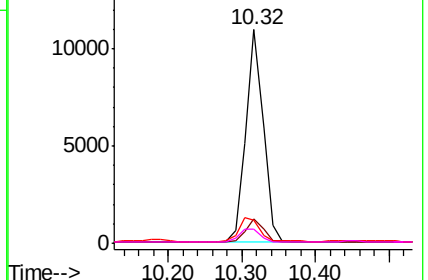
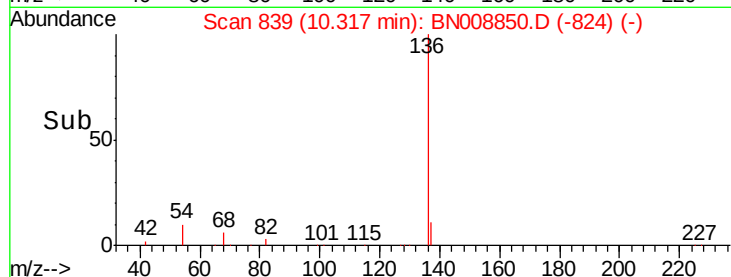


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.401 ng

RT: 8.69 min Scan# 711

Delta R.T. -0.01 min

Lab File: BN008850.D

Acq: 05 Dec 2019 16:38

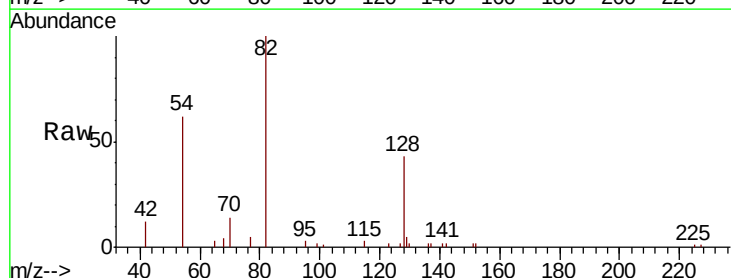
Tgt Ion: 82 Resp: 6339

Ion Ratio Lower Upper

82 100

128 43.2 35.0 52.6

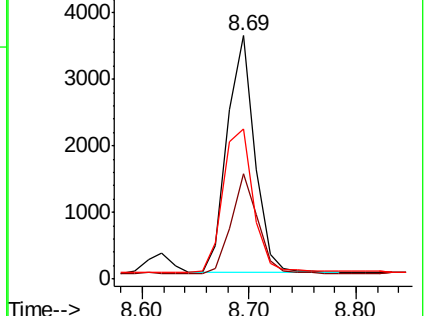
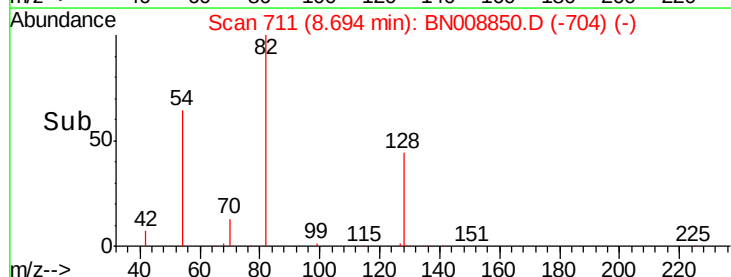
54 61.9 50.2 75.2

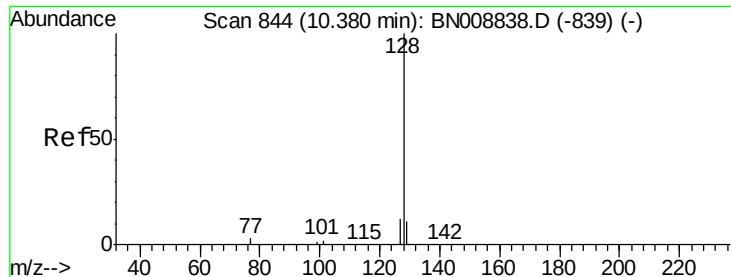


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.402 ng

RT: 10.37 min Scan# 843

Delta R.T. -0.01 min

Lab File: BN008850.D

Acq: 05 Dec 2019 16:38

Instrument :

BNA_N

ClientSampleId :

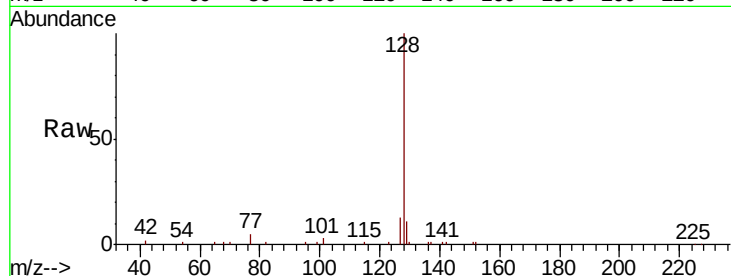
Tot Ion:128 Resp: 19159

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

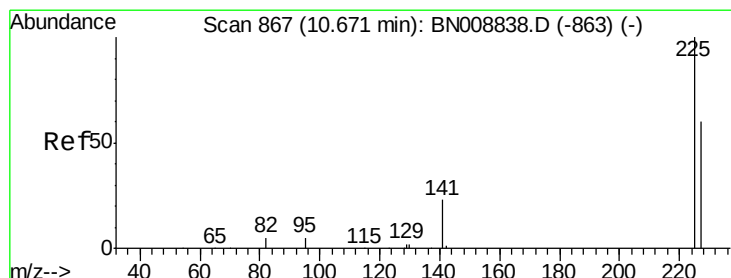
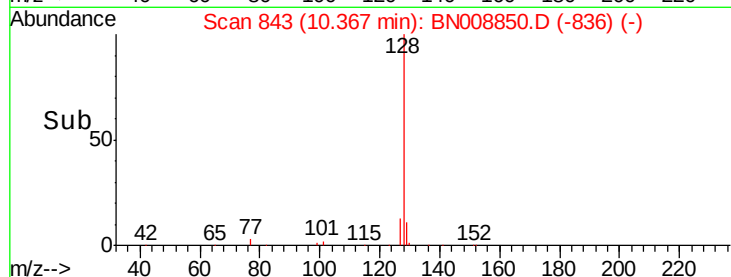
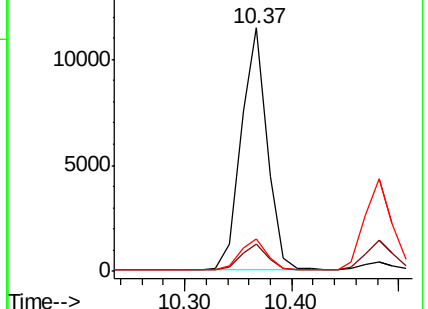
127 13.3 10.5 15.7



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: 0.407 ng

RT: 10.67 min Scan# 867

Delta R.T. -0.00 min

Lab File: BN008850.D

Acq: 05 Dec 2019 16:38

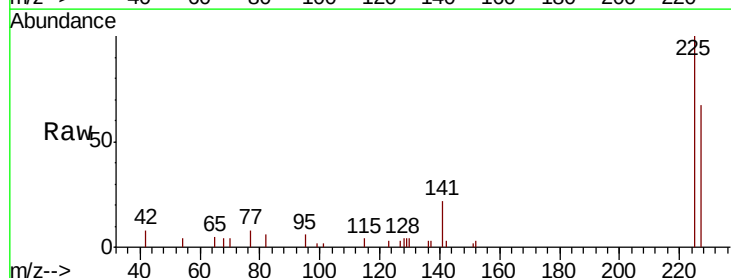
Tgt Ion:225 Resp: 3827

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

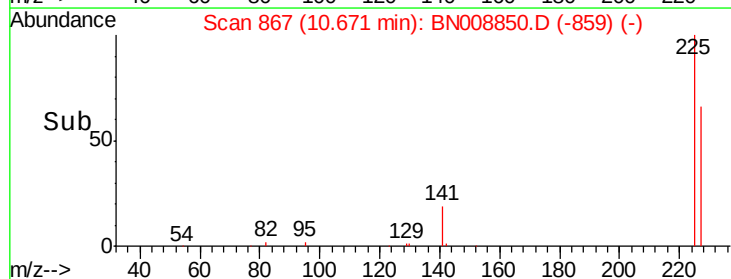
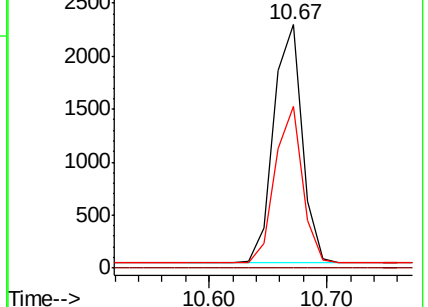
227 63.5 50.9 76.3

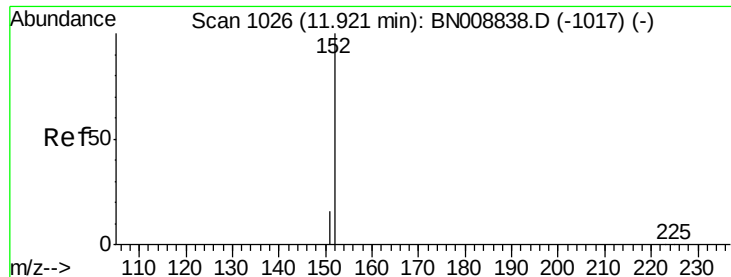


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

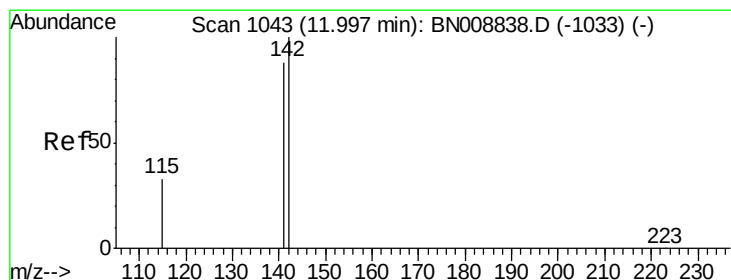
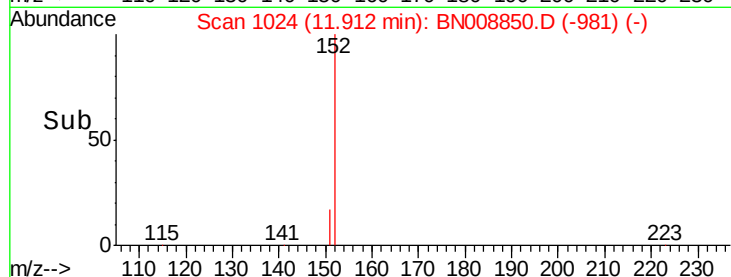
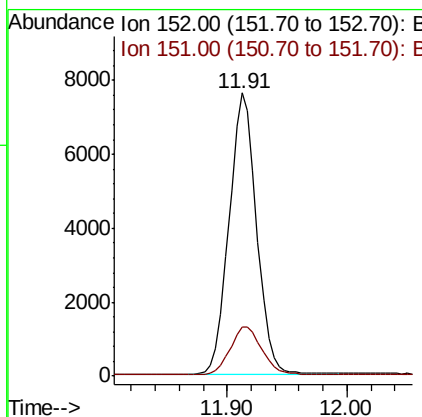
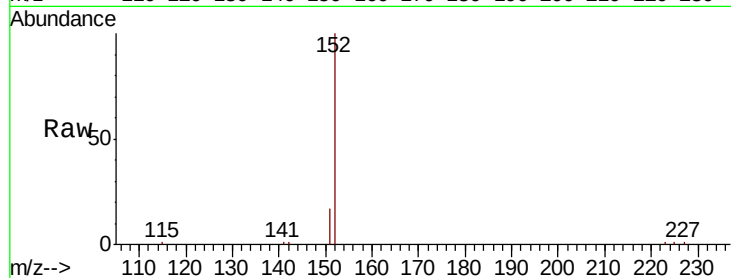




#11
2-Methylnaphthalene-d10
Concen: 0.406 ng
RT: 11.91 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

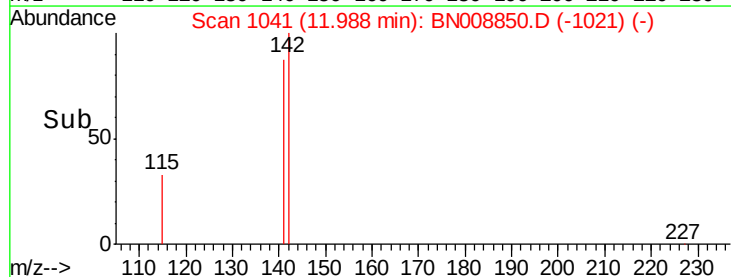
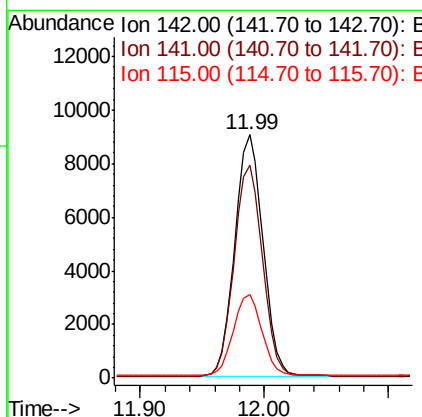
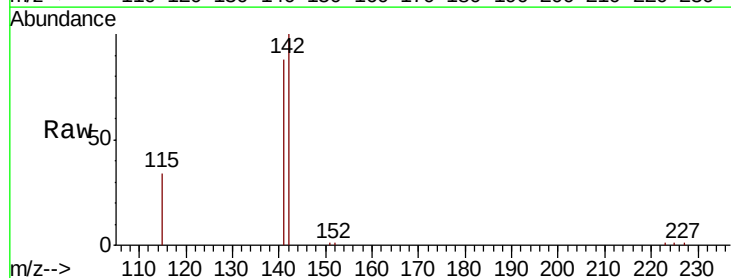
Instrument :
BNA_N
ClientSampleId :

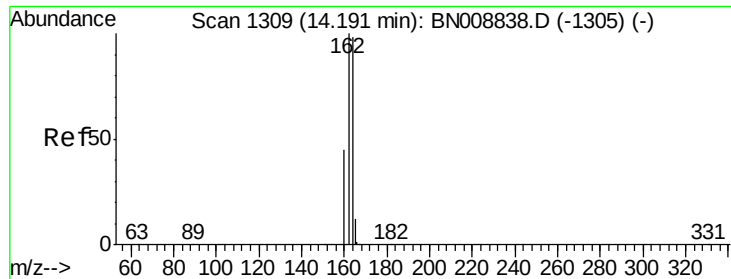
Tot Ion:152 Resp: 12042
Ion Ratio Lower Upper
152 100
151 19.0 15.2 22.8



#12
2-Methylnaphthalene
Concen: 0.404 ng
RT: 11.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Tgt Ion:142 Resp: 14205
Ion Ratio Lower Upper
142 100
141 87.6 70.2 105.4
115 34.3 27.6 41.4

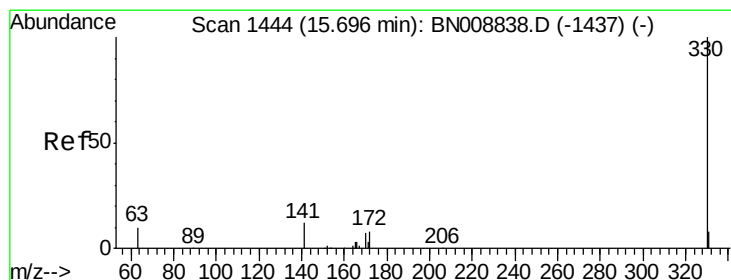
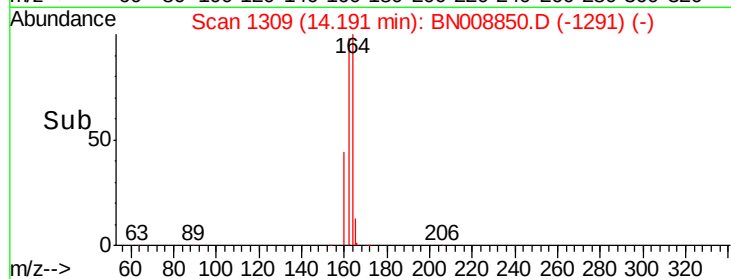
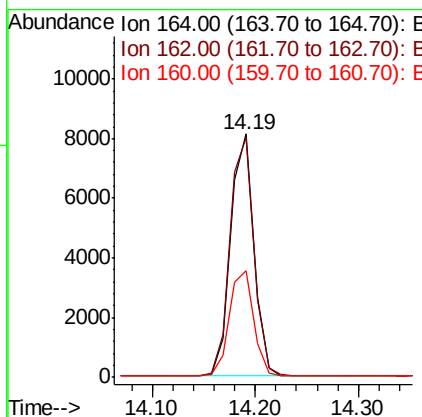
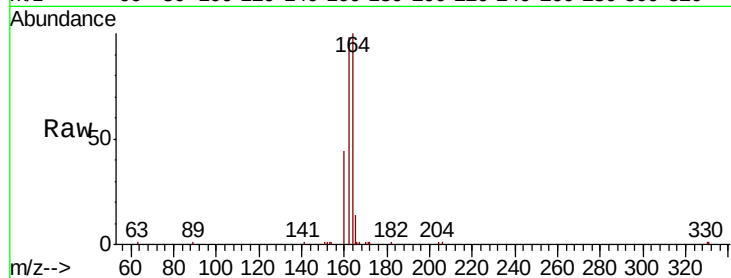




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.19 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BN008850.D
 Acq: 05 Dec 2019 16:38

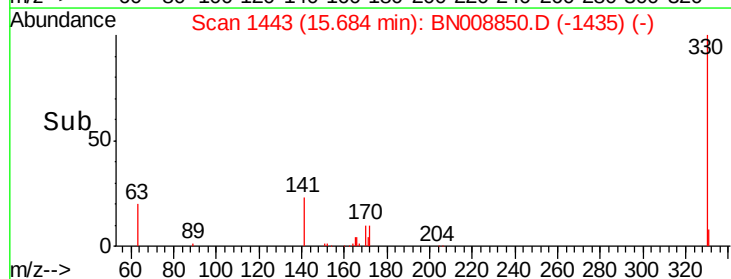
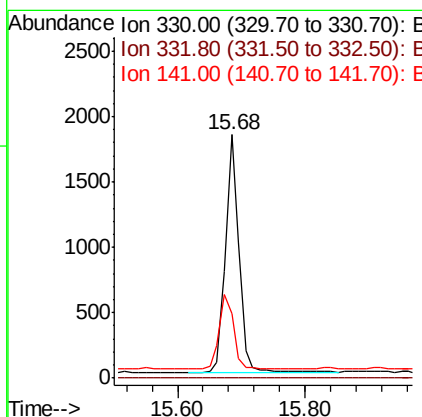
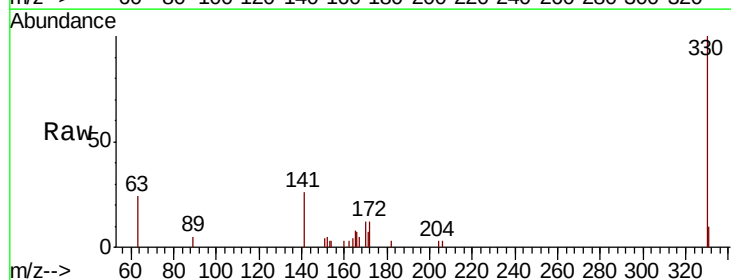
Instrument :
 BNA_N
 ClientSampled :

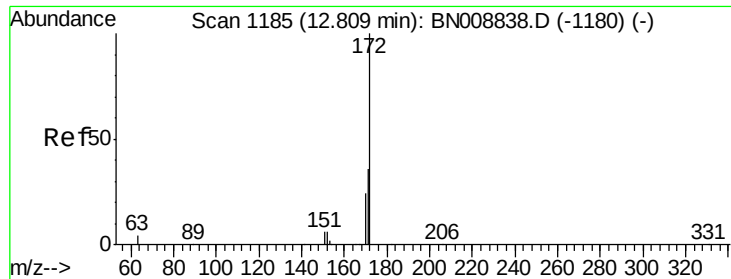
Tot Ion:164 Resp: 12614
 Ion Ratio Lower Upper
 164 100
 162 98.3 81.9 122.9
 160 44.0 37.4 56.2



#14
 2,4,6-Tribromophenol
 Concen: 0.384 ng
 RT: 15.68 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BN008850.D
 Acq: 05 Dec 2019 16:38

Tgt Ion:330 Resp: 2637
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 33.2 26.2 39.4

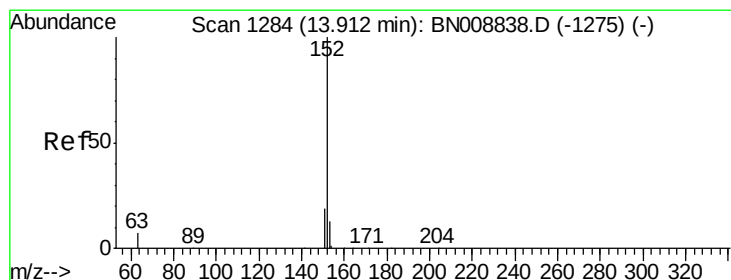
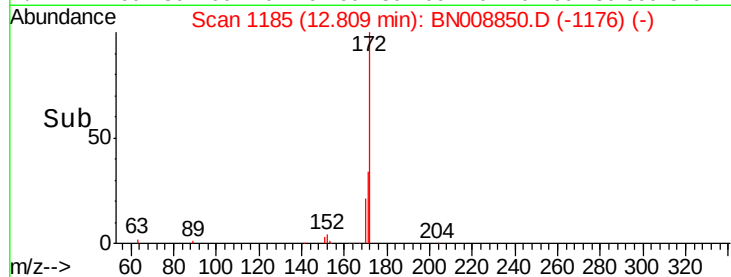
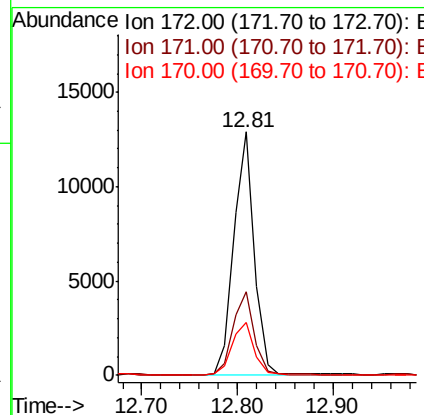
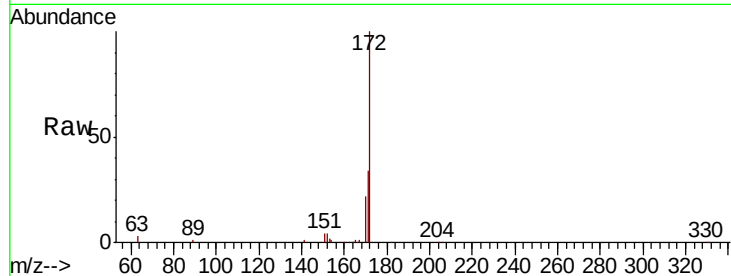




#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 12.81 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

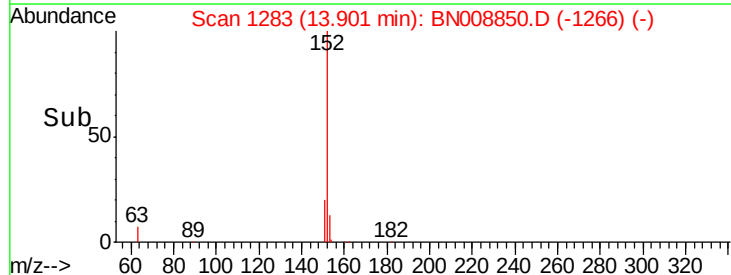
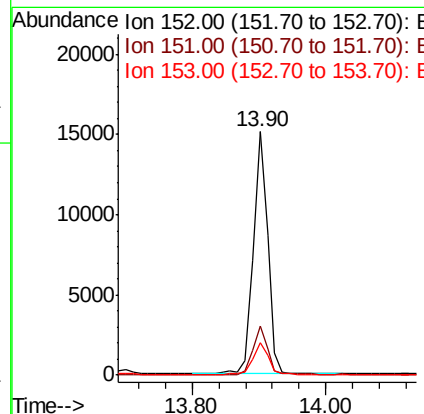
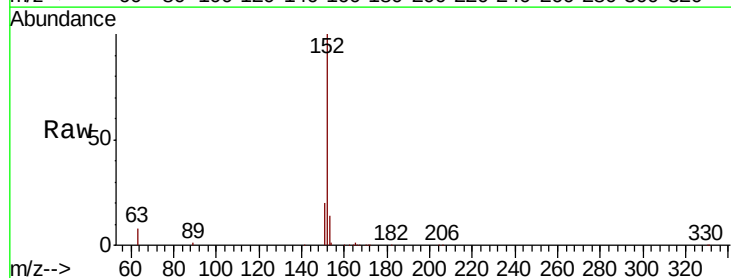
Instrument :
BNA_N
ClientSampleId :

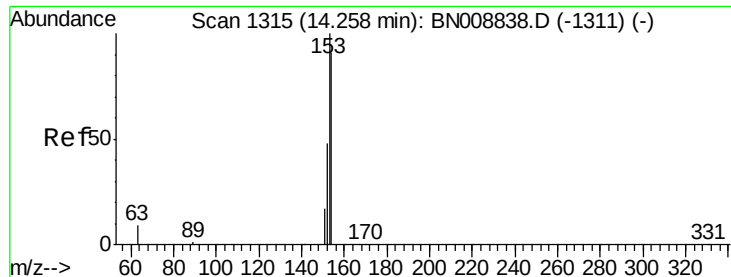
Tot Ion:172 Resp: 19002
Ion Ratio Lower Upper
172 100
171 34.3 28.9 43.3
170 21.8 19.7 29.5



#16
Acenaphthylene
Concen: 0.384 ng
RT: 13.90 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Tgt Ion:152 Resp: 22609
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.2
153 13.1 10.4 15.6





#17

Acenaphthene

Concen: 0.399 ng

RT: 14.25 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BN008850.D

Acq: 05 Dec 2019 16:38

Instrument :

BNA_N

ClientSampleId :

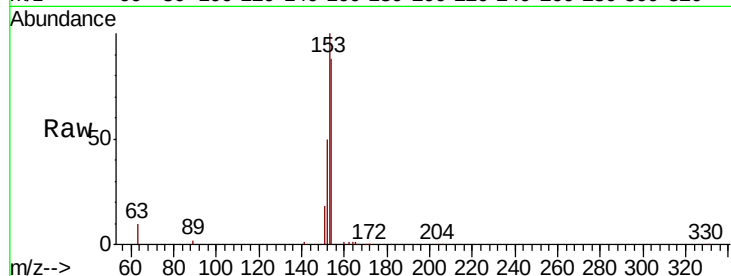
Tot Ion:154 Resp: 14888

Ion Ratio Lower Upper

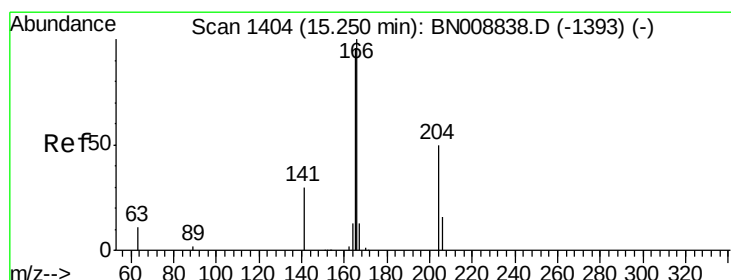
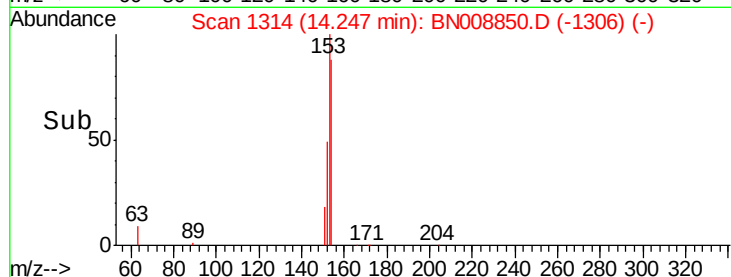
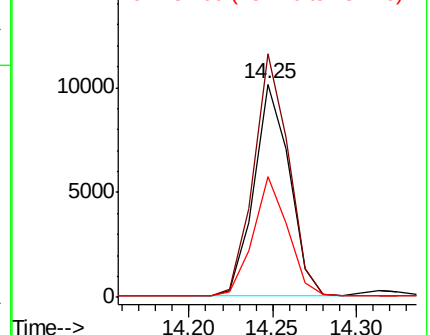
154 100

153 113.1 89.4 134.2

152 55.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.401 ng

RT: 15.24 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BN008850.D

Acq: 05 Dec 2019 16:38

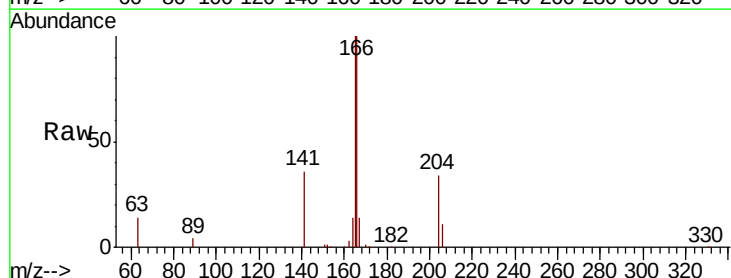
Tgt Ion:166 Resp: 19835

Ion Ratio Lower Upper

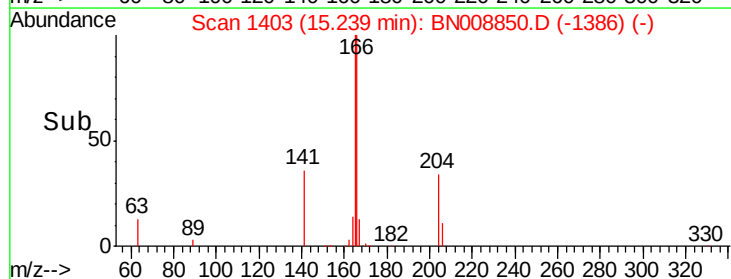
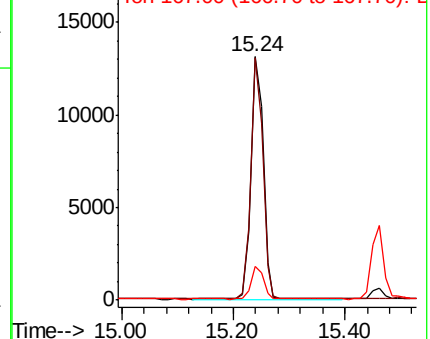
166 100

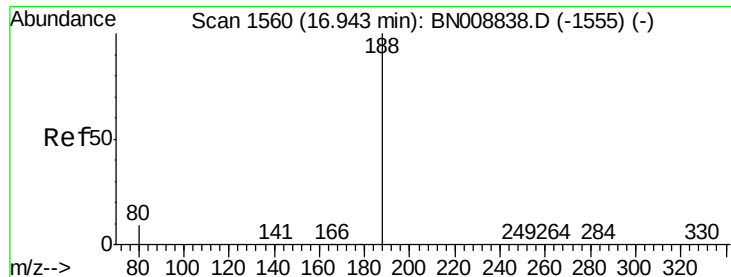
165 96.5 77.0 115.6

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: 16.93 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BN008850.D

Acq: 05 Dec 2019 16:38

Instrument :

BNA_N

ClientSampleId :

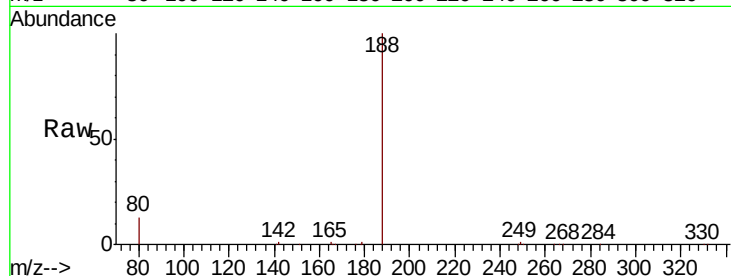
Tot Ion:188 Resp: 28335

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

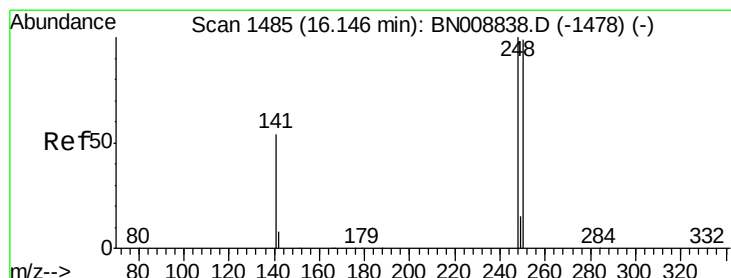
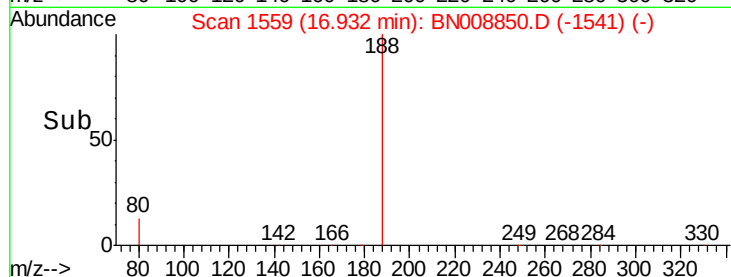
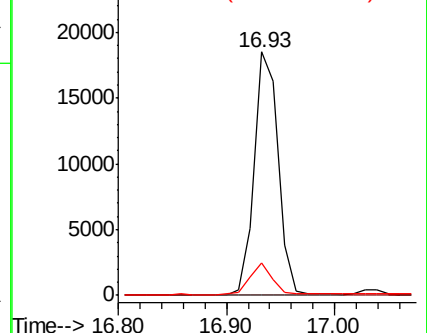
80 13.5 7.4 11.2#



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: 0.403 ng

RT: 16.14 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BN008850.D

Acq: 05 Dec 2019 16:38

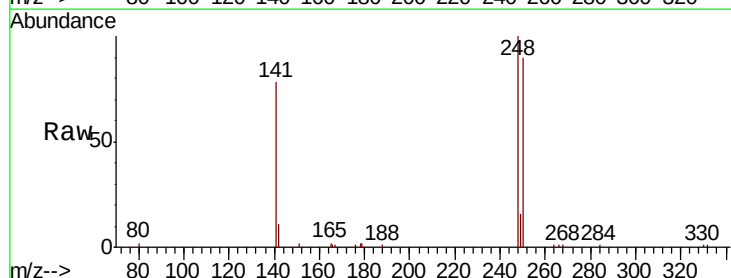
Tgt Ion:248 Resp: 6678

Ion Ratio Lower Upper

248 100

250 90.5 79.7 119.5

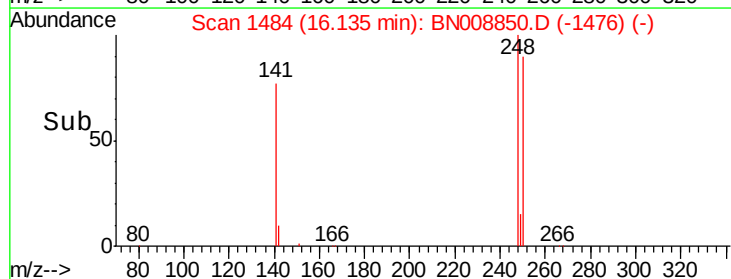
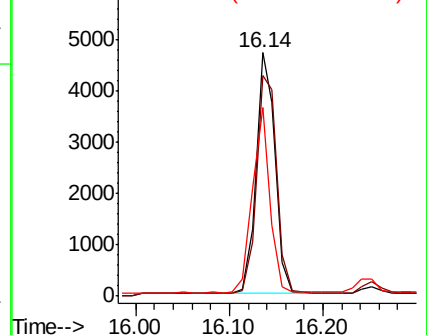
141 77.7 44.7 67.1#

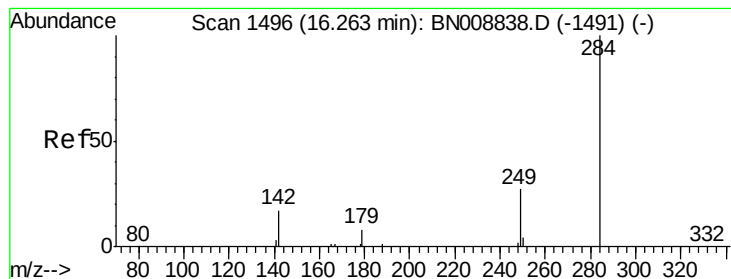


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.403 ng

RT: 16.25 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BN008850.D

Acq: 05 Dec 2019 16:38

Instrument :

BNA_N

ClientSampleId :

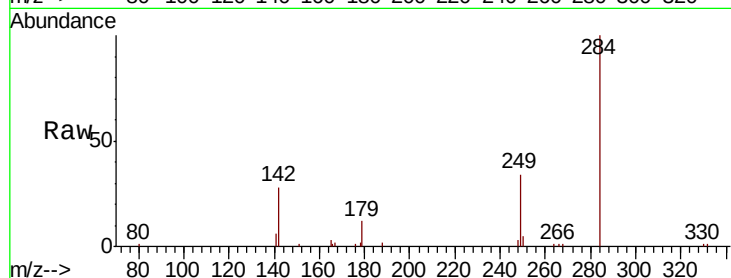
Tot Ion:284 Resp: 7715

Ion Ratio Lower Upper

284 100

142 31.9 25.4 38.0

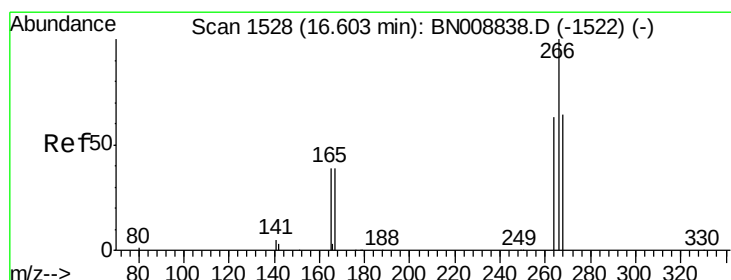
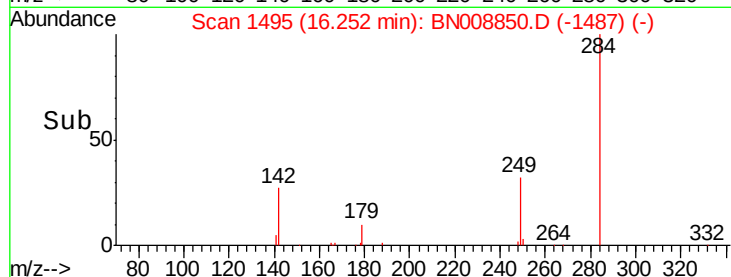
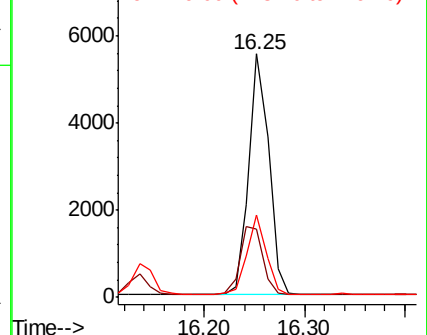
249 31.1 24.3 36.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.367 ng

RT: 16.60 min Scan# 1528

Delta R.T. -0.00 min

Lab File: BN008850.D

Acq: 05 Dec 2019 16:38

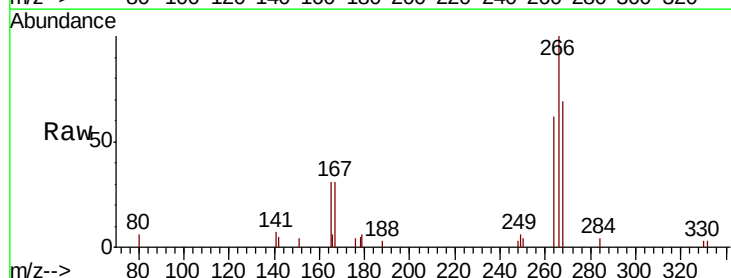
Tgt Ion:266 Resp: 2812

Ion Ratio Lower Upper

266 100

264 61.9 51.0 76.4

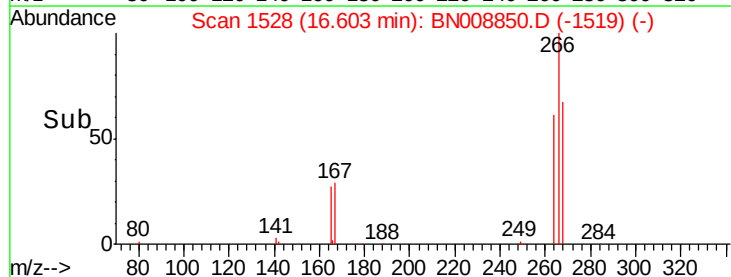
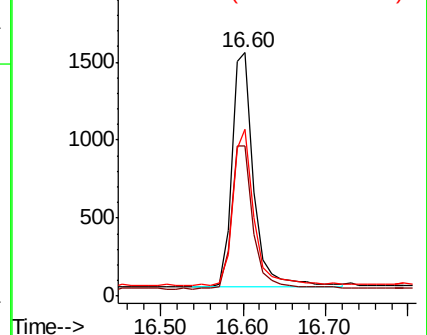
268 68.7 53.7 80.5

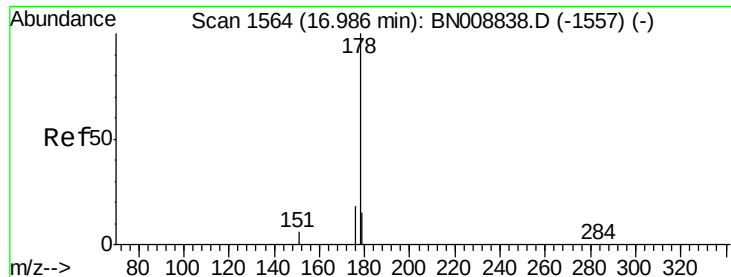


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

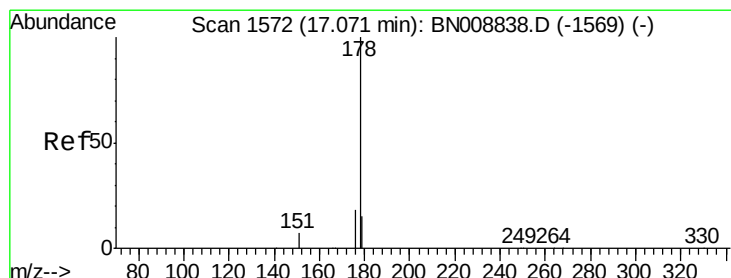
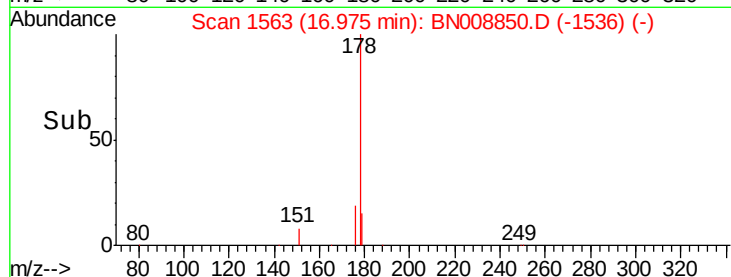
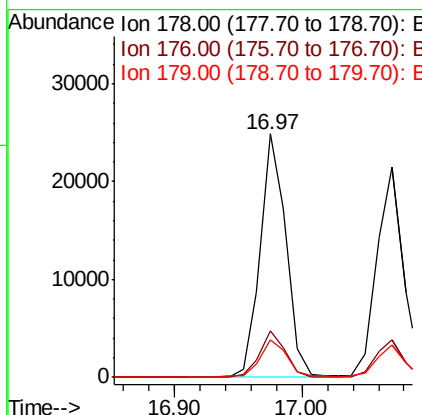
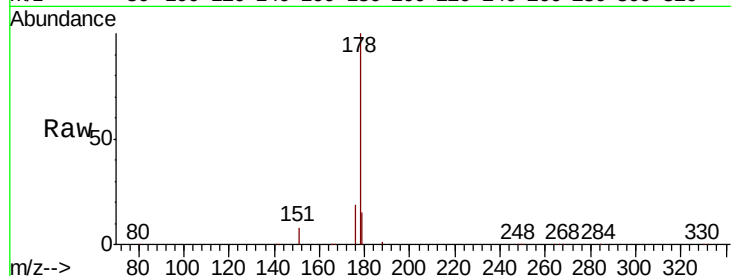




#23
Phenanthrene
Concen: 0.403 ng
RT: 16.97 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

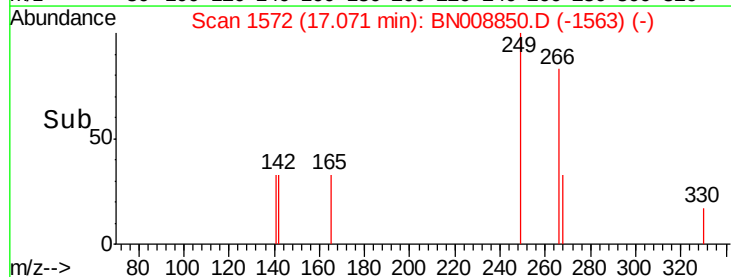
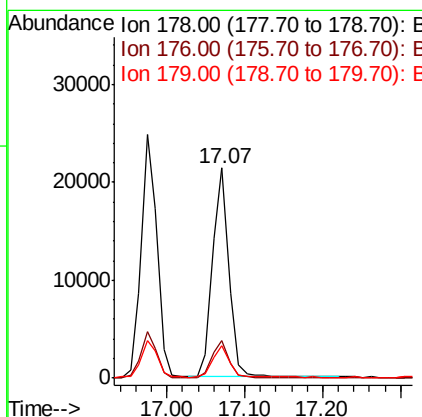
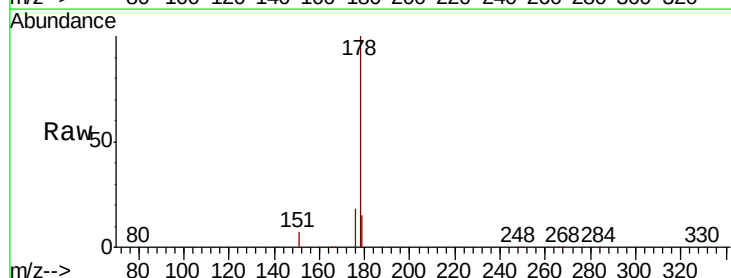
Instrument :
BNA_N
ClientSampleId :

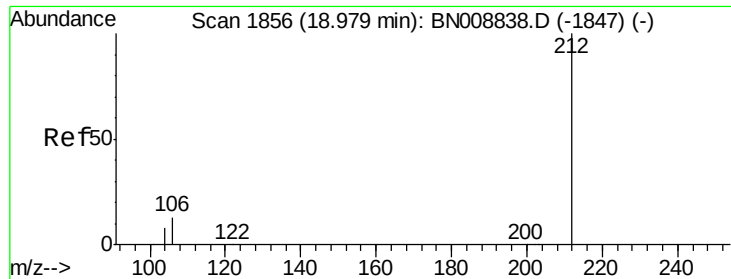
Tot Ion:178 Resp: 34875
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.5 12.2 18.2



#24
Anthracene
Concen: 0.391 ng
RT: 17.07 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Tgt Ion:178 Resp: 31051
Ion Ratio Lower Upper
178 100
176 17.9 14.3 21.5
179 15.2 12.2 18.2





#25

Fluoranthene-d10

Concen: 0.398 ng

RT: 18.98 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BN008850.D

Acq: 05 Dec 2019 16:38

Instrument :

BNA_N

ClientSampleId :

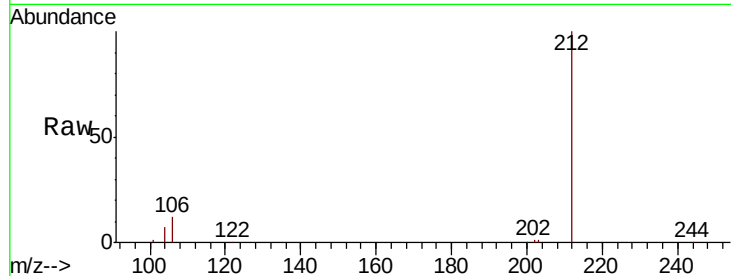
Tot Ion:212 Resp: 34188

Ion Ratio Lower Upper

212 100

106 13.6 10.7 16.1

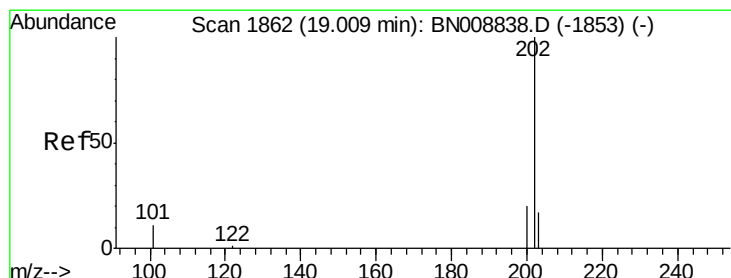
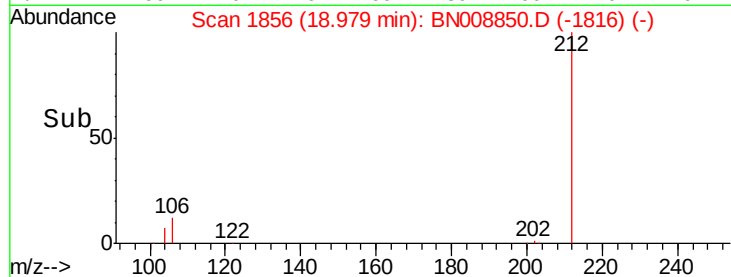
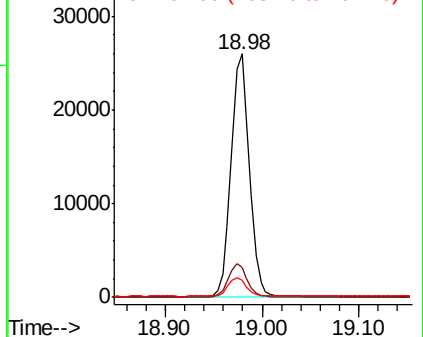
104 7.8 6.1 9.1



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.403 ng

RT: 19.01 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BN008850.D

Acq: 05 Dec 2019 16:38

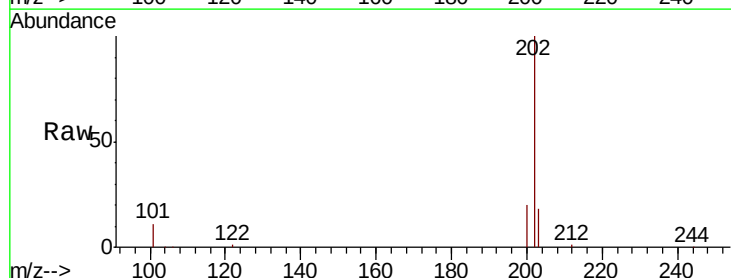
Tgt Ion:202 Resp: 41954

Ion Ratio Lower Upper

202 100

101 11.6 9.3 13.9

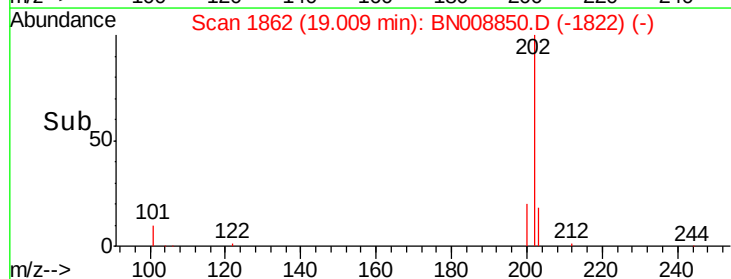
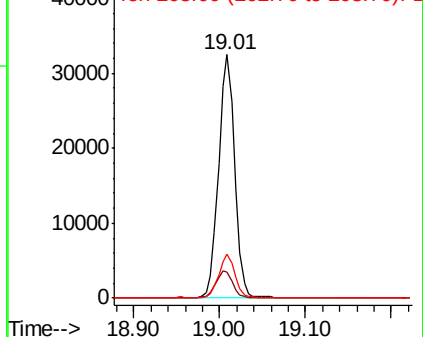
203 17.2 13.7 20.5

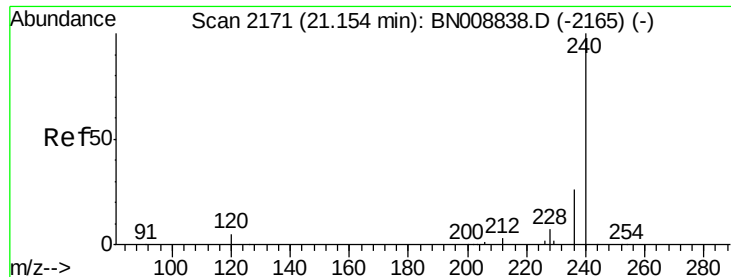


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN008850.D

Acq: 05 Dec 2019 16:38

Instrument :

BNA_N

ClientSampleId :

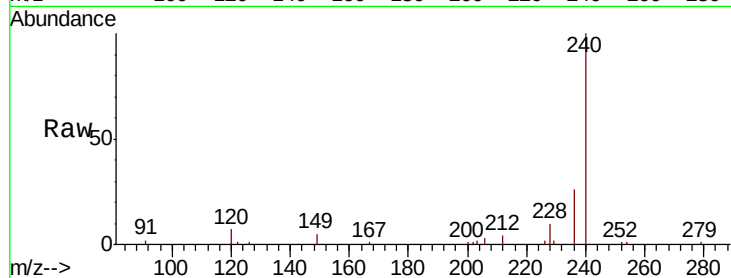
Tot Ion:240 Resp: 30923

Ion Ratio Lower Upper

240 100

120 7.1 6.0 9.0

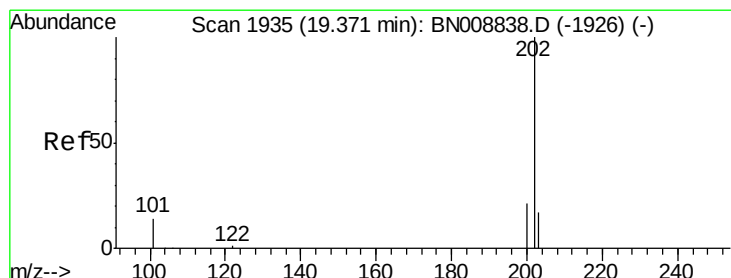
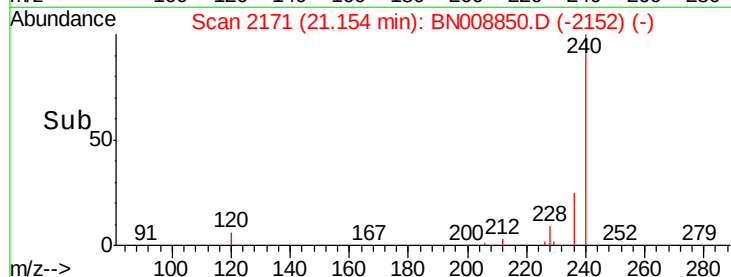
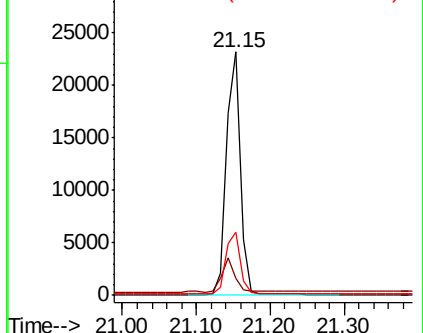
236 25.7 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.402 ng

RT: 19.37 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BN008850.D

Acq: 05 Dec 2019 16:38

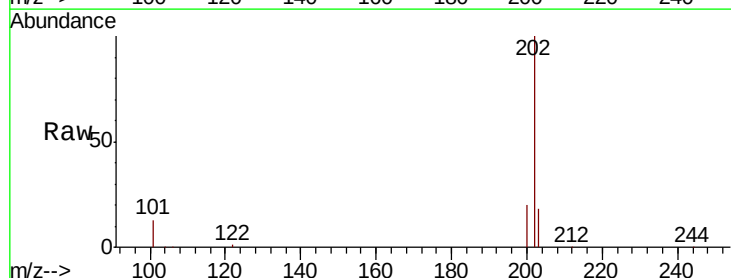
Tgt Ion:202 Resp: 43329

Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

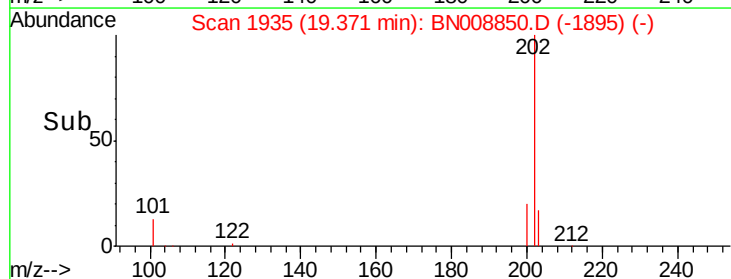
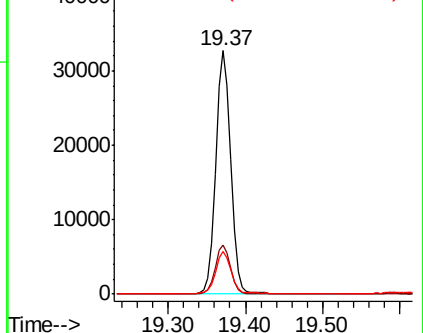
203 17.3 14.2 21.2

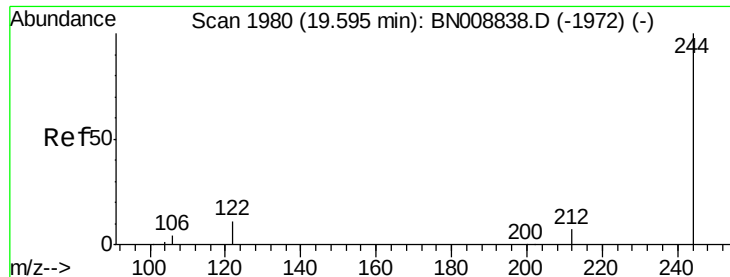


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.398 ng

RT: 19.59 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BN008850.D

Acq: 05 Dec 2019 16:38

Instrument :

BNA_N

ClientSampleId :

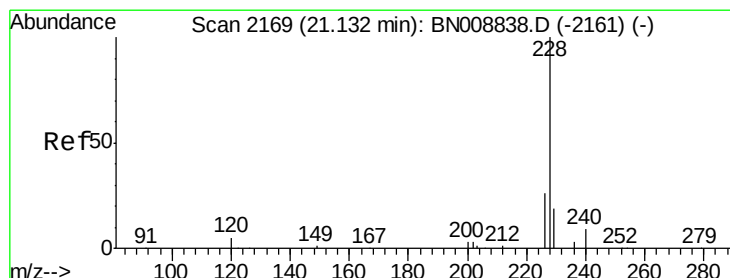
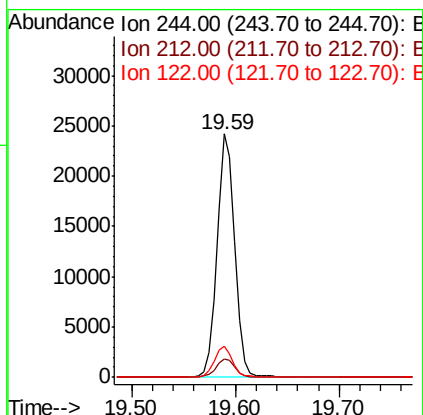
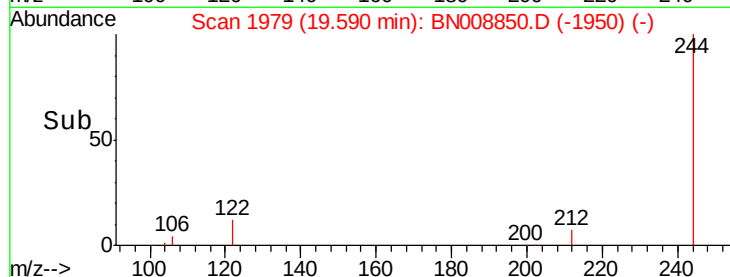
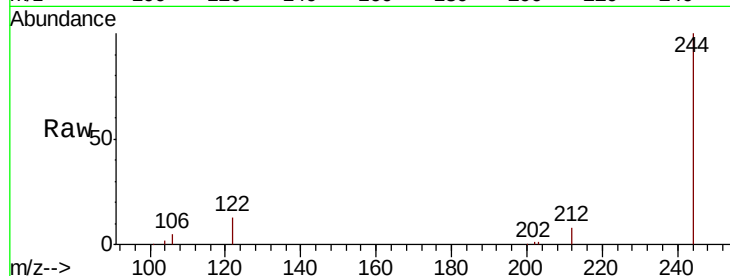
Tot Ion:244 Resp: 28315

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

122 12.7 8.9 13.3



#30

Benzo(a)anthracene

Concen: 0.393 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BN008850.D

Acq: 05 Dec 2019 16:38

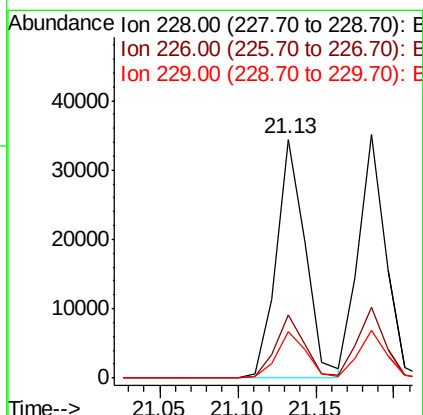
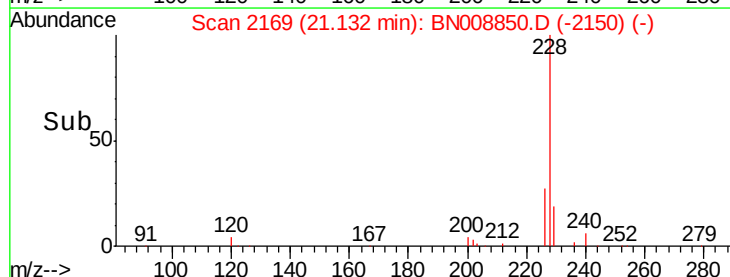
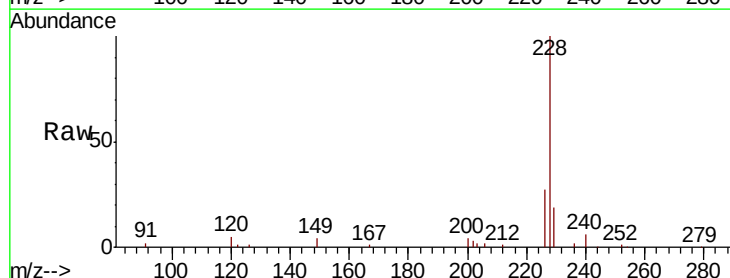
Tgt Ion:228 Resp: 43956

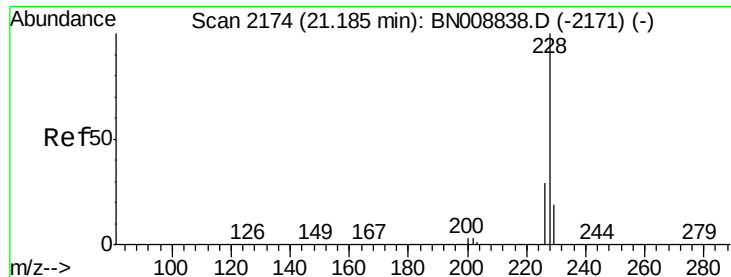
Ion Ratio Lower Upper

228 100

226 26.7 20.8 31.2

229 19.4 15.9 23.9





#31

Chrysene

Concen: 0.390 ng

RT: 21.19 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BN008850.D

Acq: 05 Dec 2019 16:38

Instrument :

BNA_N

ClientSampleId :

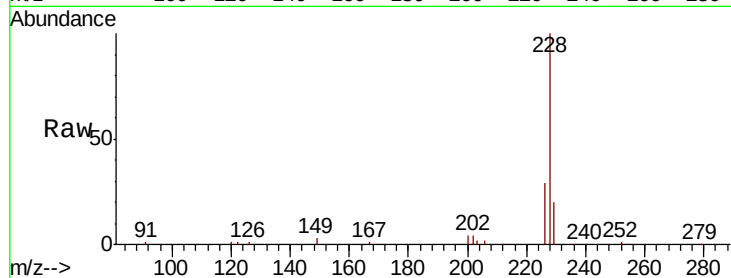
Tot Ion:228 Resp: 42324

Ion Ratio Lower Upper

228 100

226 29.2 23.1 34.7

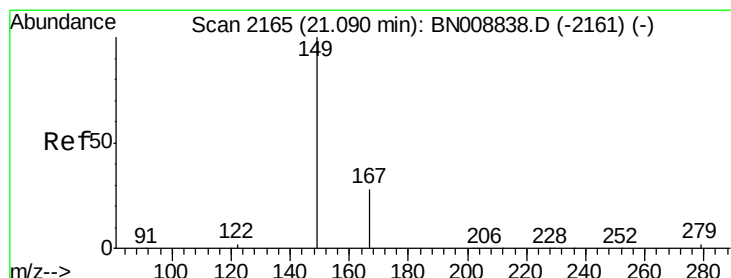
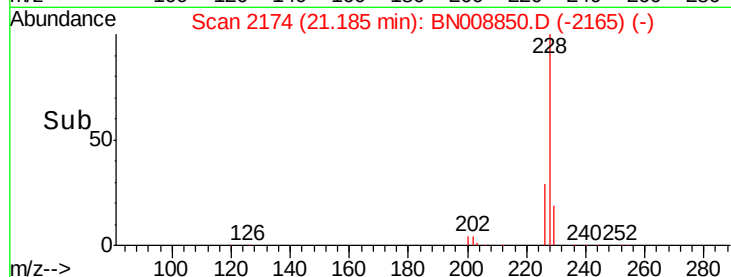
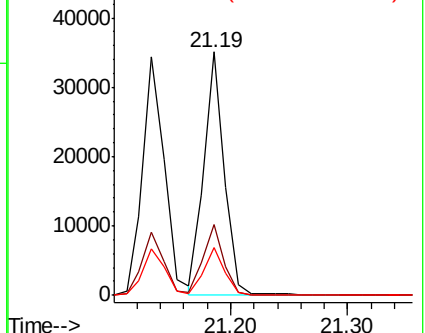
229 19.7 15.8 23.8



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: 0.344 ng

RT: 21.09 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BN008850.D

Acq: 05 Dec 2019 16:38

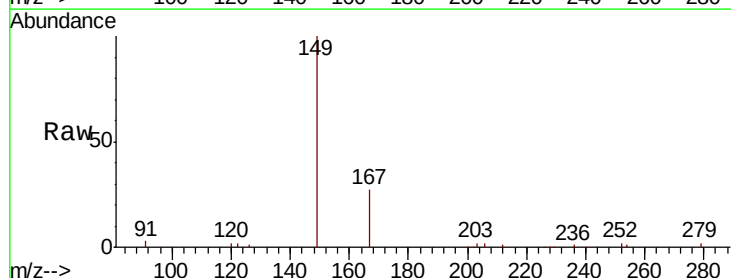
Tgt Ion:149 Resp: 25602

Ion Ratio Lower Upper

149 100

167 28.8 23.1 34.7

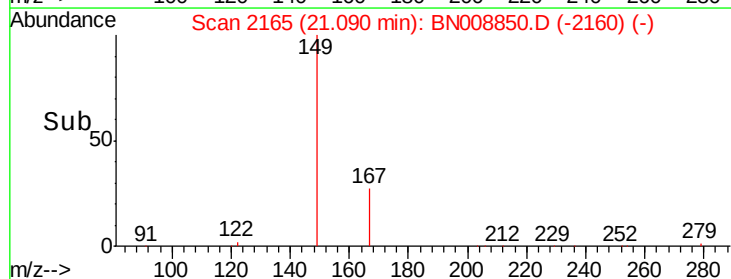
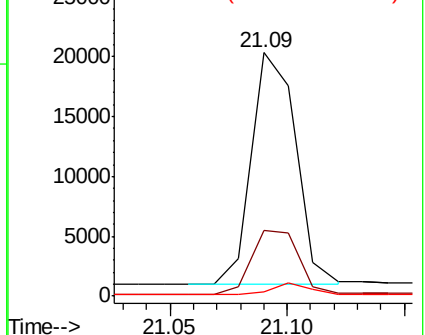
279 4.3 3.4 5.2

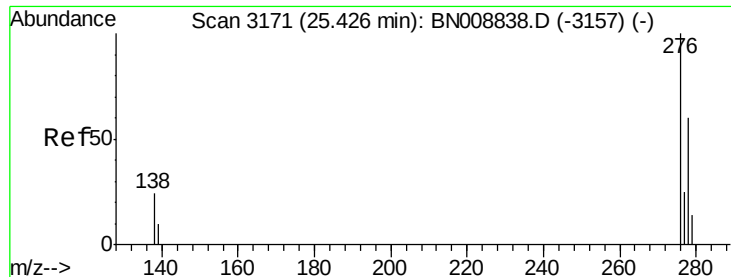


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

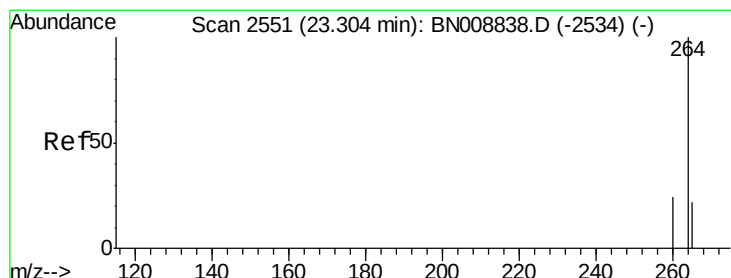
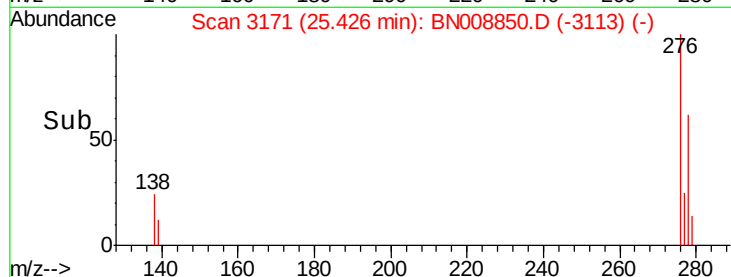
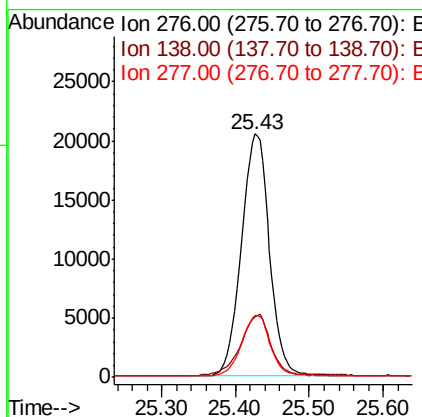
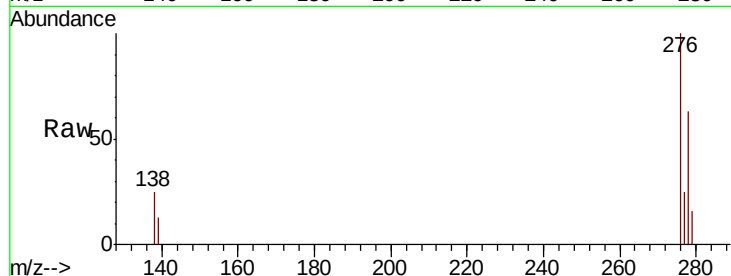




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.408 ng
 RT: 25.43 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: BN008850.D
 Acq: 05 Dec 2019 16:38

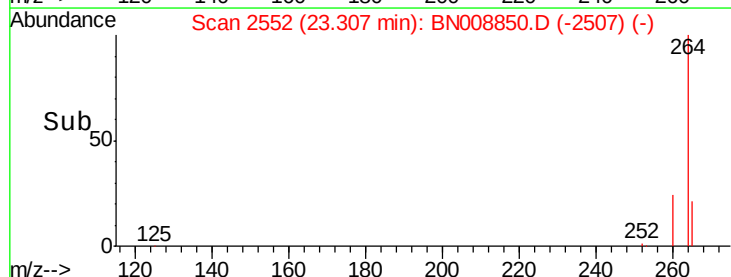
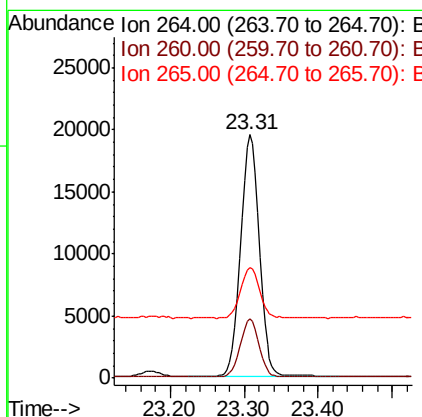
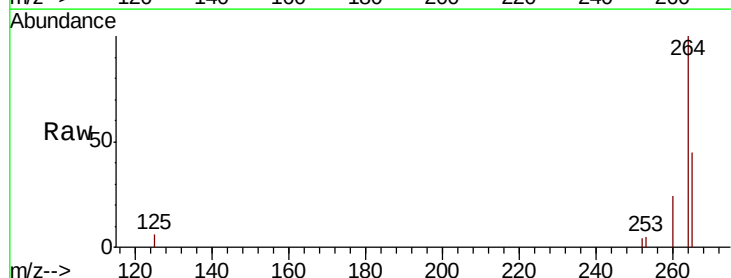
Instrument :
 BNA_N
 ClientSampled :

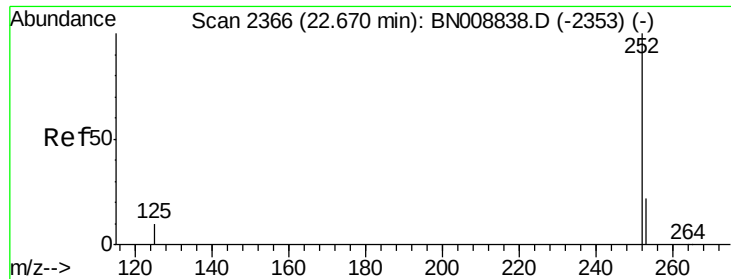
Tot Ion:276 Resp: 54592
 Ion Ratio Lower Upper
 276 100
 138 26.5 20.2 30.2
 277 25.0 19.8 29.6



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.31 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: BN008850.D
 Acq: 05 Dec 2019 16:38

Tgt Ion:264 Resp: 34190
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.9 29.9
 265 45.4 46.8 70.2#

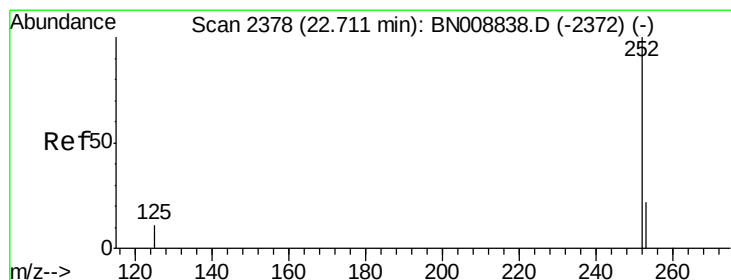
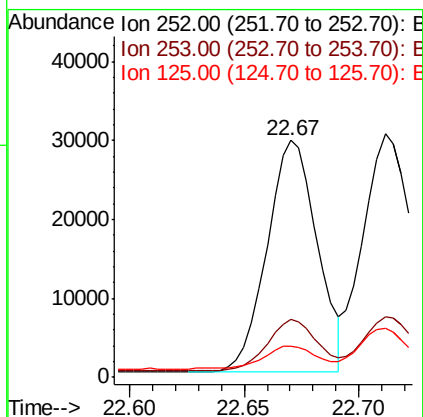
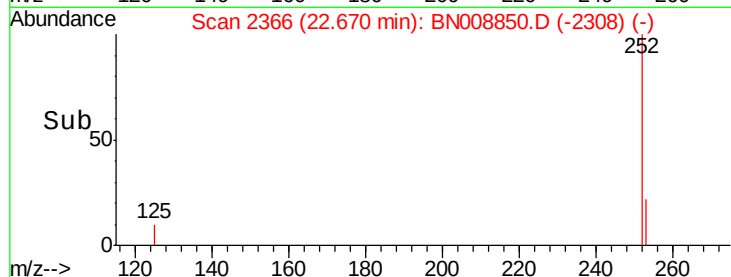
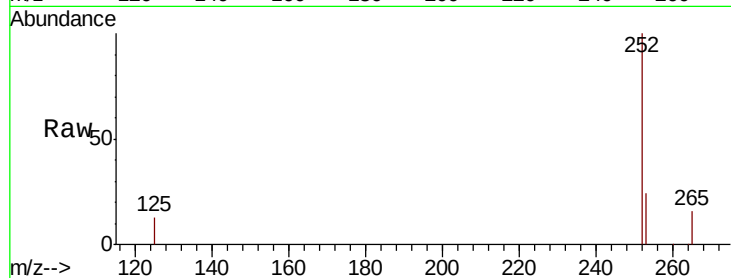




#35
Benzo(b)fluoranthene
Concen: 0.393 ng
RT: 22.67 min Scan# 2366
Delta R.T. -0.00 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

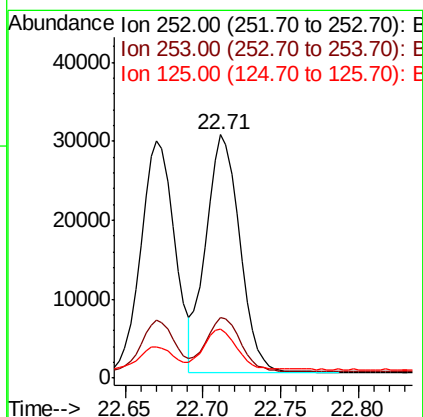
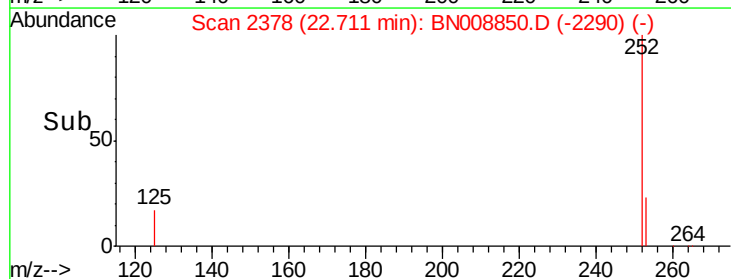
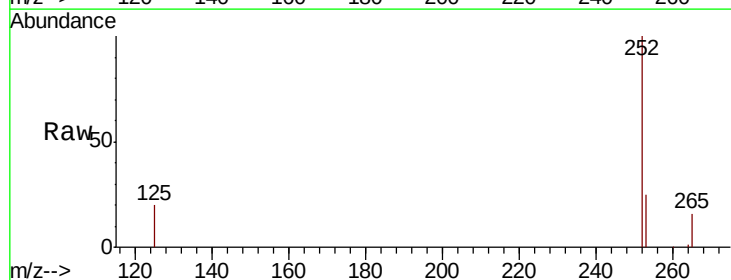
Instrument :
BNA_N
ClientSampleId :

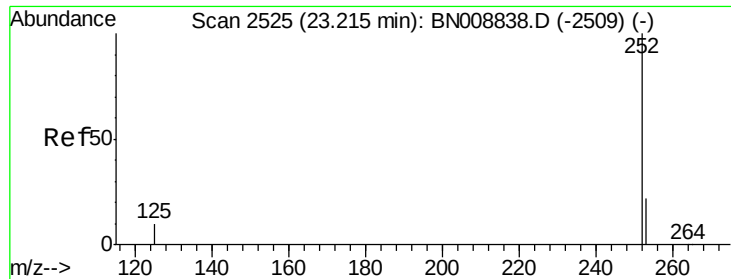
Tot Ion:252 Resp: 44652
Ion Ratio Lower Upper
252 100
253 24.2 20.6 31.0
125 13.2 12.3 18.5



#36
Benzo(k)fluoranthene
Concen: 0.409 ng
RT: 22.71 min Scan# 2378
Delta R.T. -0.00 min
Lab File: BN008850.D
Acq: 05 Dec 2019 16:38

Tgt Ion:252 Resp: 45687
Ion Ratio Lower Upper
252 100
253 25.0 21.0 31.4
125 20.2 13.5 20.3





#37

Benzo(a)pyrene

Concen: 0.395 ng

RT: 23.21 min Scan# 2525

Delta R.T. -0.00 min

Lab File: BN008850.D

Acq: 05 Dec 2019 16:38

Instrument :

BNA_N

ClientSampleId :

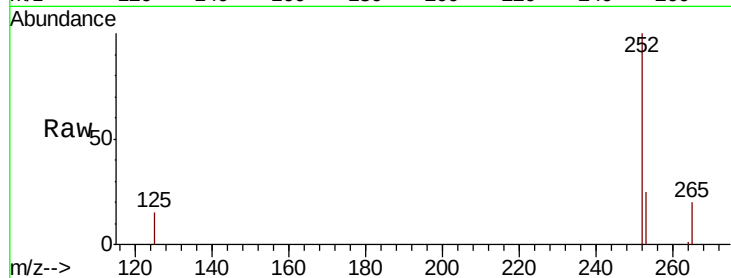
Tot Ion:252 Resp: 42275

Ion Ratio Lower Upper

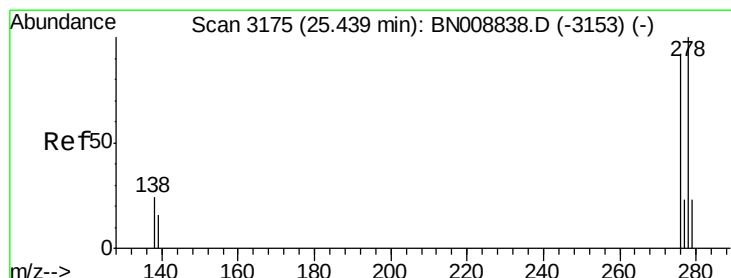
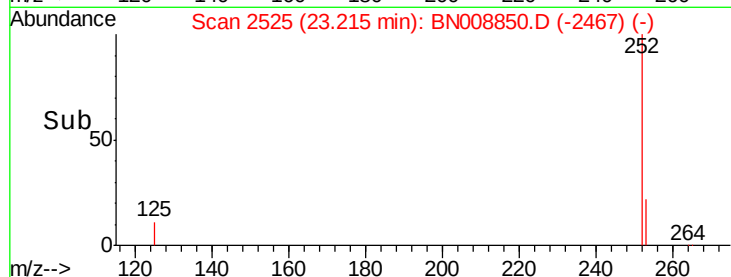
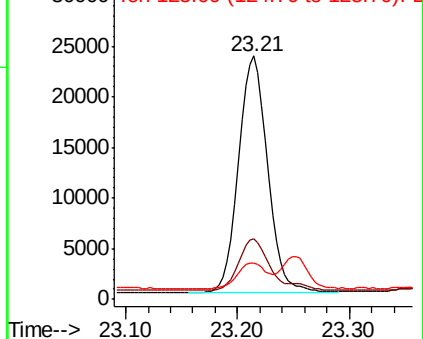
252 100

253 24.8 21.4 32.2

125 15.0 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: 0.404 ng

RT: 25.44 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BN008850.D

Acq: 05 Dec 2019 16:38

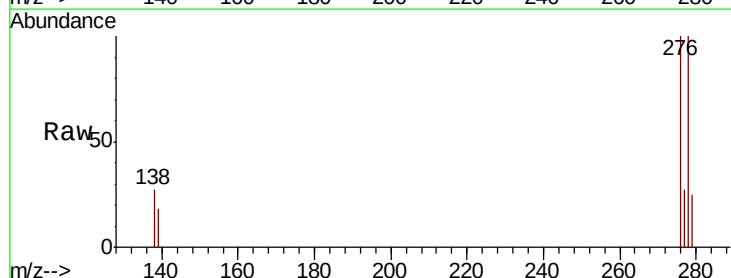
Tgt Ion:278 Resp: 44190

Ion Ratio Lower Upper

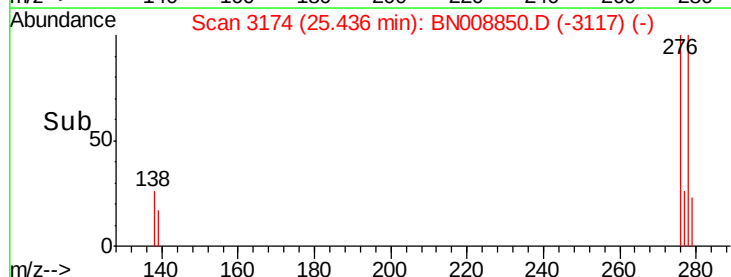
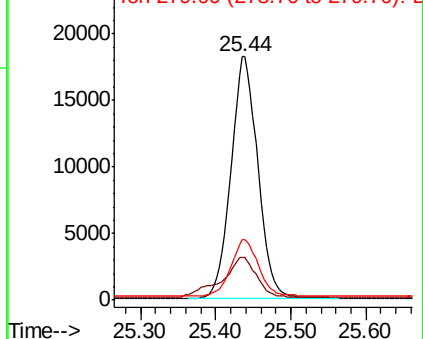
278 100

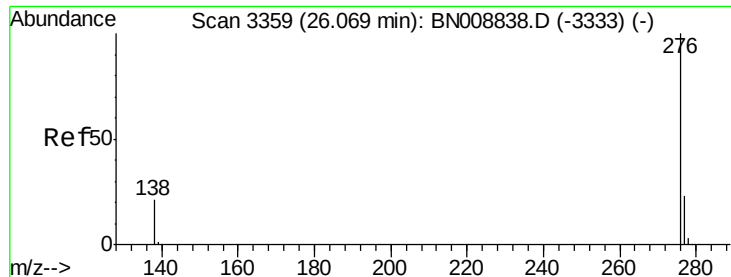
139 17.6 15.3 22.9

279 24.7 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: 0.403 ng

RT: 26.07 min Scan# 3359

Delta R.T. -0.00 min

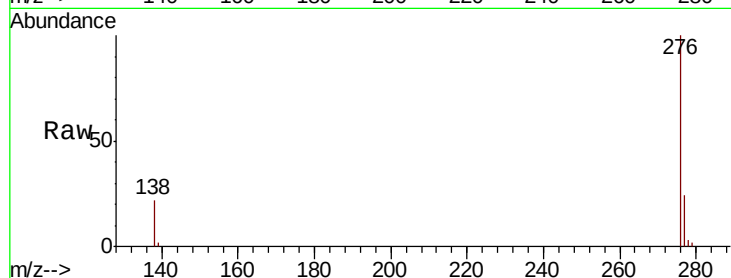
Lab File: BN008850.D

Acq: 05 Dec 2019 16:38

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 44604

Ion Ratio Lower Upper

276 100

277 24.2 20.1 30.1

138 22.1 18.6 27.8

