

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN063020\
 Data File : BN011080.D
 Acq On : 30 Jun 2020 14:29
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN063020

Quant Time: Jun 30 15:24:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 30 14:12:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1889	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	6770	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	3275	0.40	ng	0.00
19) Phenanthrene-d10	16.89	188	6595	0.40	ng	-0.01
29) Chrysene-d12	21.11	240	6126	0.40	ng	0.00
36) Perylene-d12	23.25	264	5790	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.17	112	2044	0.43	ng	-0.02
5) Phenol-d6	6.72	99	2288	0.42	ng	0.00
8) Nitrobenzene-d5	8.66	82	2216	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.86	152	4229	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	536	0.39	ng	-0.01
15) 2-Fluorobiphenyl	12.76	172	6368	0.41	ng	0.00
27) Fluoranthene-d10	18.94	212	8015	0.40	ng	0.00
31) Terphenyl-d14	19.55	244	6780	0.43	ng	0.00

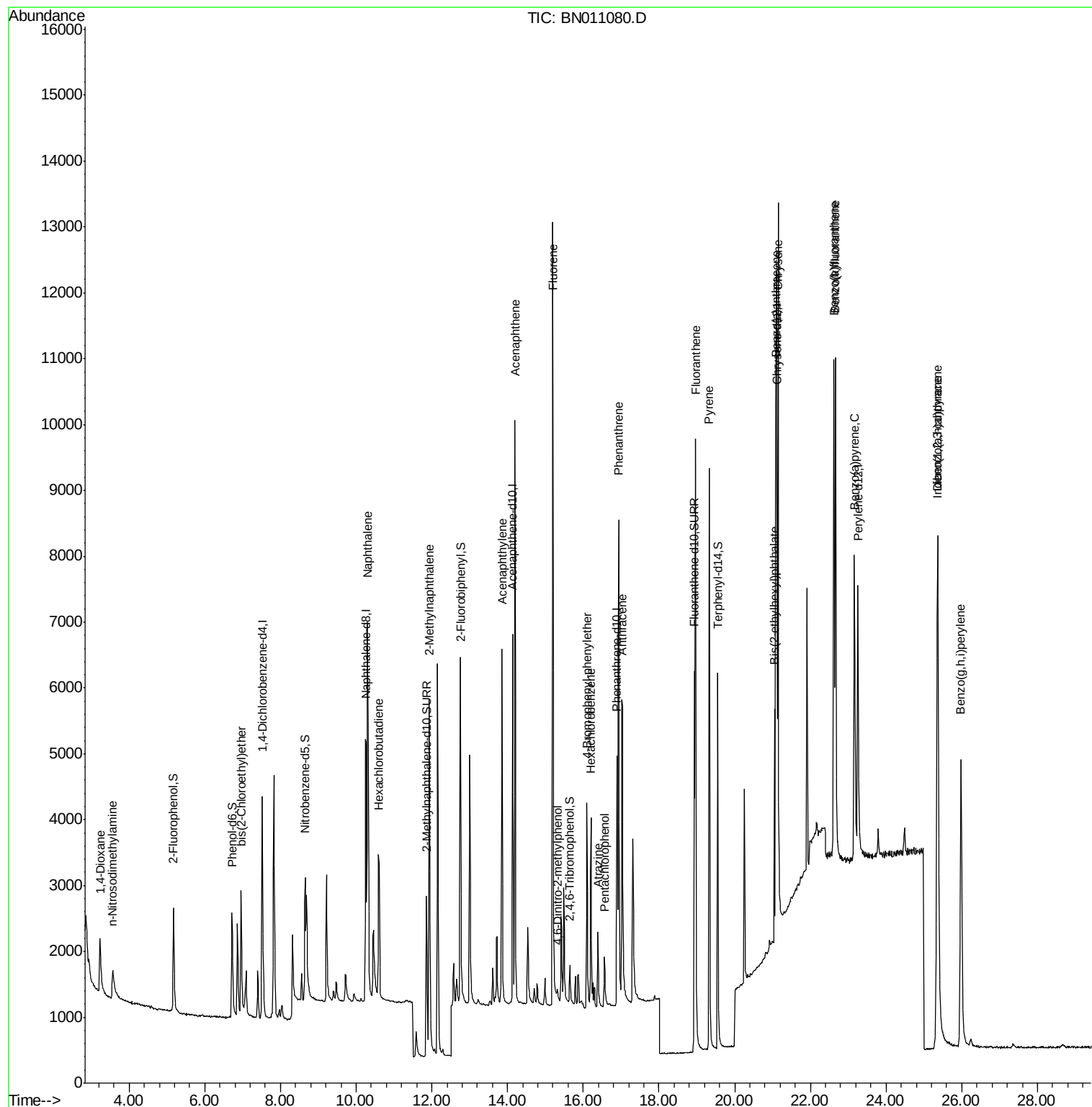
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	1168	0.438	ng	97
3) n-Nitrosodimethylamine	3.56	42	576	0.428	ng	# 99
6) bis(2-Chloroethyl)ether	6.96	93	2015	0.411	ng	98
9) Naphthalene	10.30	128	8152	0.403	ng	100
10) Hexachlorobutadiene	10.60	225	1962	0.383	ng	# 100
12) 2-Methylnaphthalene	11.93	142	4996	0.370	ng	99
16) Acenaphthylene	13.85	152	6554	0.399	ng	100
17) Acenaphthene	14.20	154	4472	0.402	ng	100
18) Fluorene	15.20	166	5654	0.407	ng	99
20) 4,6-Dinitro-2-methylphenol	15.31	198	242	0.381	ng	91
21) 4-Bromophenyl-phenylether	16.10	248	1711	0.390	ng	92
22) Hexachlorobenzene	16.20	284	2125	0.411	ng	98
23) Atrazine	16.39	200	1237	0.399	ng	98
24) Pentachlorophenol	16.56	266	581	0.418	ng	93
25) Phenanthrene	16.93	178	8650	0.405	ng	100
26) Anthracene	17.02	178	7060	0.399	ng	99
28) Fluoranthene	18.97	202	9705	0.404	ng	100
30) Pyrene	19.33	202	9619	0.421	ng	100
32) Benzo(a)anthracene	21.09	228	8123	0.397	ng	100
33) Chrysene	21.15	228	9793	0.417	ng	99
34) Bis(2-ethylhexyl)phthalate	21.05	149	3273	0.395	ng	99
35) Indeno(1,2,3-cd)pyrene	25.35	276	11490	0.468	ng	99
37) Benzo(b)fluoranthene	22.62	252	9871	0.425	ng	99
38) Benzo(k)fluoranthene	22.67	252	10337	0.416	ng	99
39) Benzo(a)pyrene	23.17	252	8335	0.417	ng	99
40) Dibenzo(a,h)anthracene	25.37	278	9126	0.445	ng	97
41) Benzo(g,h,i)perylene	25.98	276	9824	0.435	ng	99

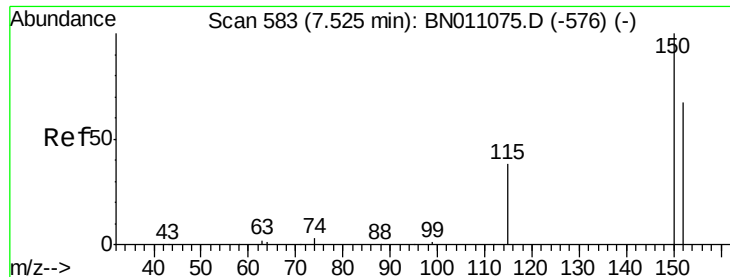
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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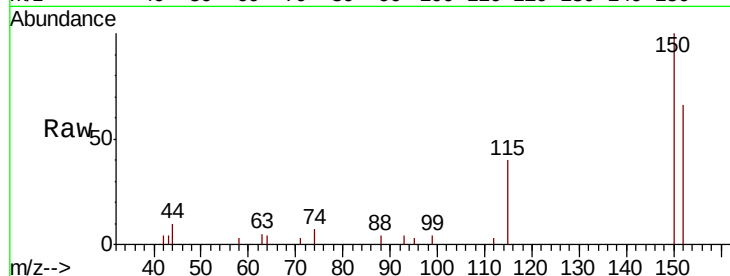


#1

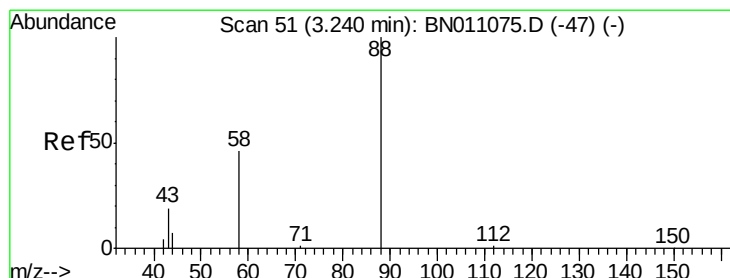
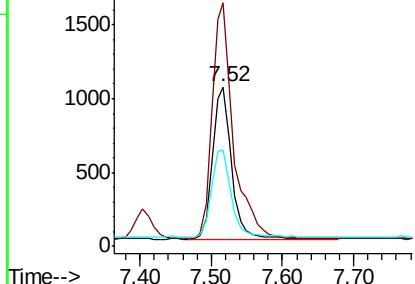
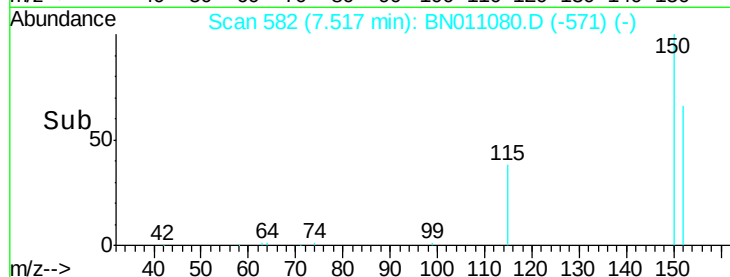
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. -0.01 min
Lab File: BN011080.D
Acq: 30 Jun 2020 14:29

Instrument :
BNA_N
ClientSampleId :
ICVBN063020

Tot Ion:152 Resp: 1889
Ion Ratio Lower Upper
152 100
150 152.4 117.4 176.0
115 60.5 47.9 71.9



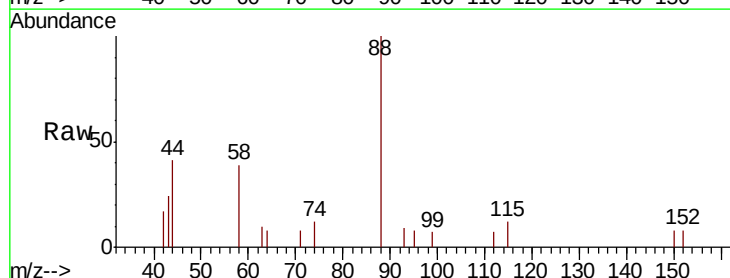
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



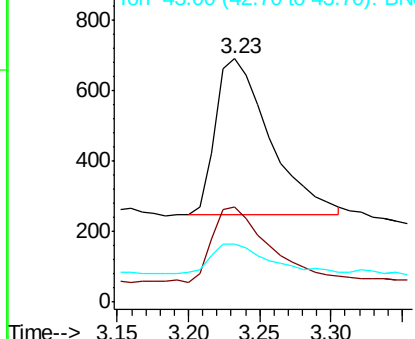
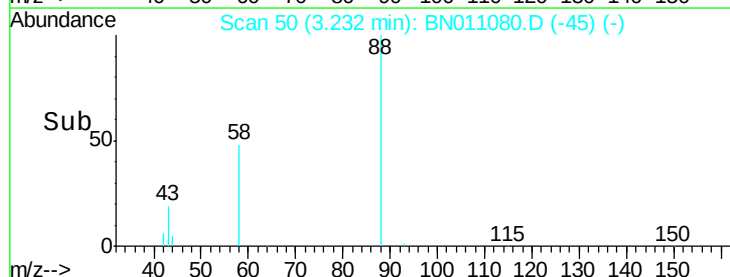
#2

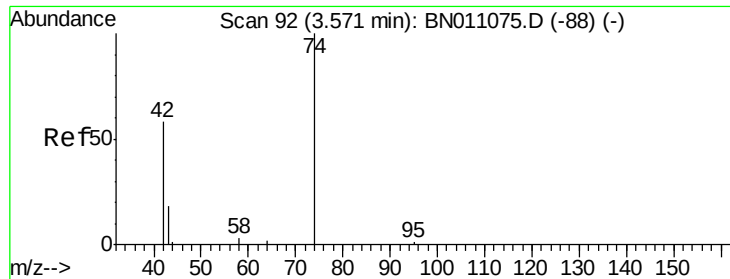
1,4-Dioxane
Concen: 0.438 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.01 min
Lab File: BN011080.D
Acq: 30 Jun 2020 14:29

Tgt Ion: 88 Resp: 1168
Ion Ratio Lower Upper
88 100
58 50.4 38.6 57.8
43 17.6 15.4 23.0



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



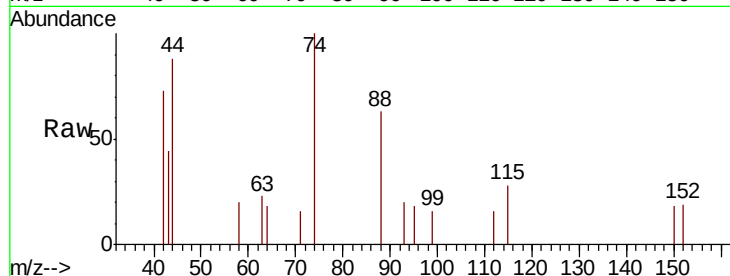


#3

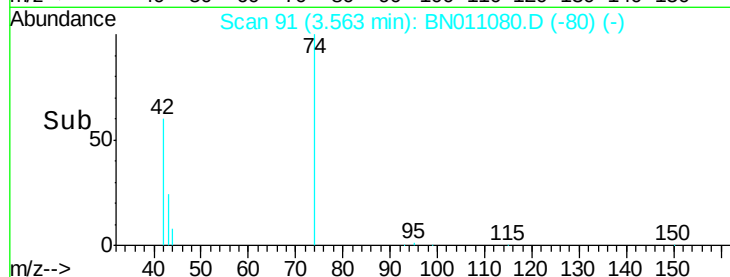
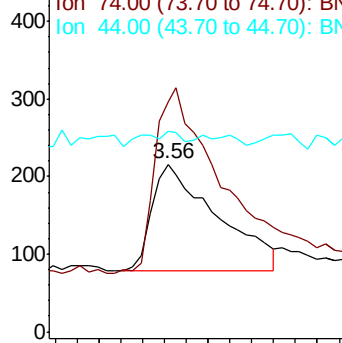
n-Nitrosodimethylamine
 Concen: 0.428 ng
 RT: 3.56 min Scan# 91
 Delta R.T. -0.01 min
 Lab File: BN011080.D
 Acq: 30 Jun 2020 14:29

Instrument :
 BNA_N
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 ICVBN063020

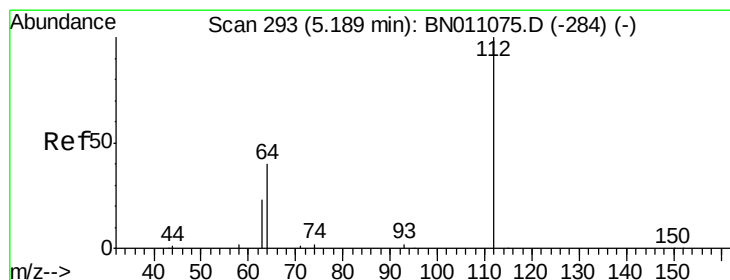
Tot Ion: 42 Resp: 576
 Ion Ratio Lower Upper
 42 100
 74 176.0 142.5 213.7
 44 9.4 0.0 0.0#



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



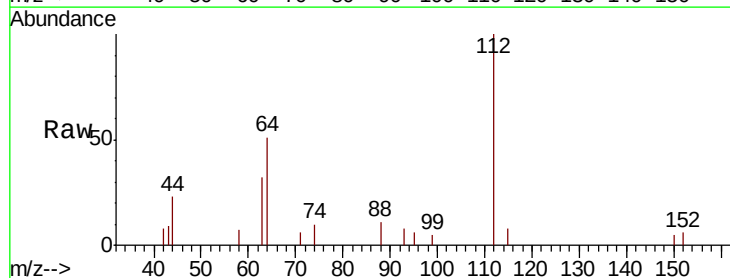
Time-->



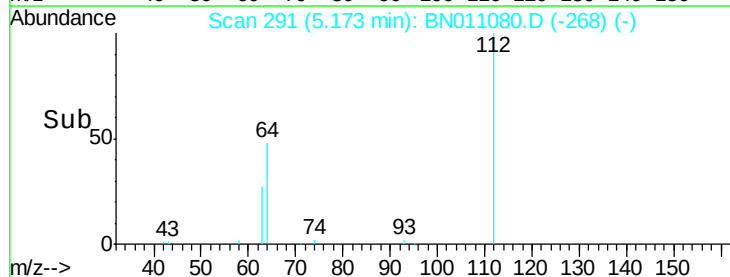
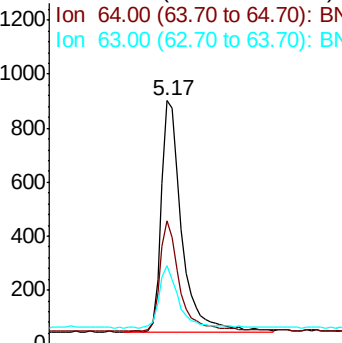
#4

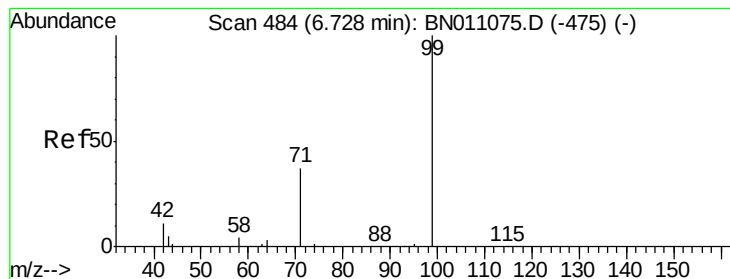
2-Fluorophenol
 Concen: 0.435 ng
 RT: 5.17 min Scan# 291
 Delta R.T. -0.02 min
 Lab File: BN011080.D
 Acq: 30 Jun 2020 14:29

Tgt Ion: 112 Resp: 2044
 Ion Ratio Lower Upper
 112 100
 64 45.1 36.5 54.7
 63 25.9 20.6 30.8



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: 0.423 ng

RT: 6.72 min Scan# 483

Delta R.T. -0.01 min

Lab File: BN011080.D

Acq: 30 Jun 2020 14:29

Instrument :

BNA_N

ClientSampleId :

ICVBN063020

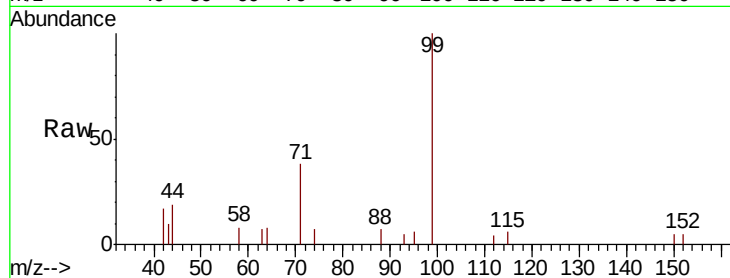
Tot Ion: 99 Resp: 2288

Ion Ratio Lower Upper

99 100

42 13.7 9.8 14.8

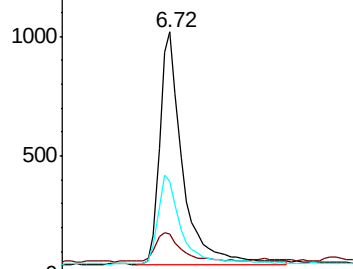
71 38.5 30.7 46.1



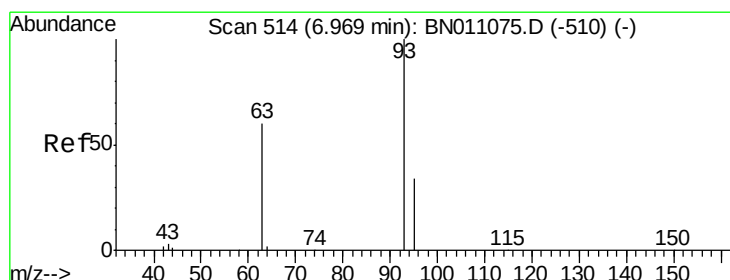
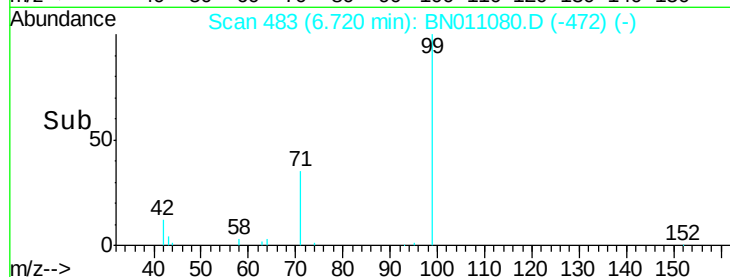
Abundance Ion 99.00 (98.70 to 99.70): BN011080.D (-472) (-)

Ion 42.00 (41.70 to 42.70): BN011080.D (-472) (-)

Ion 71.00 (70.70 to 71.70): BN011080.D (-472) (-)



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.411 ng

RT: 6.96 min Scan# 513

Delta R.T. -0.01 min

Lab File: BN011080.D

Acq: 30 Jun 2020 14:29

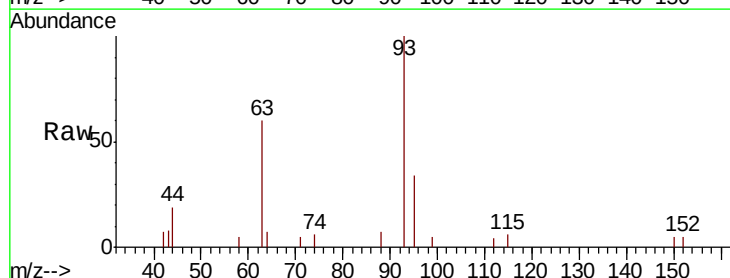
Tgt Ion: 93 Resp: 2015

Ion Ratio Lower Upper

93 100

63 57.5 47.4 71.2

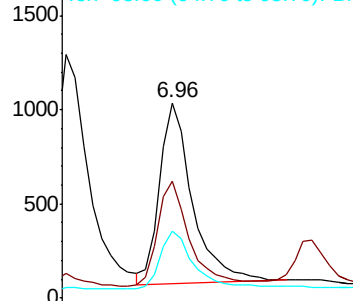
95 33.5 26.4 39.6



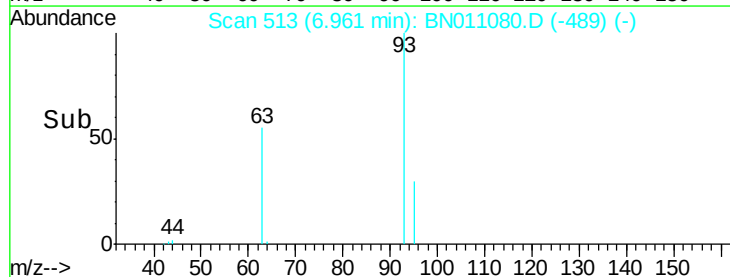
Abundance Ion 93.00 (92.70 to 93.70): BN011080.D (-489) (-)

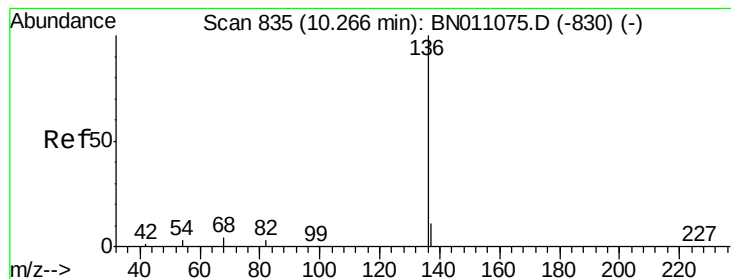
Ion 63.00 (62.70 to 63.70): BN011080.D (-489) (-)

Ion 95.00 (94.70 to 95.70): BN011080.D (-489) (-)



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011080.D

Acq: 30 Jun 2020 14:29

Instrument :

BNA_N

ClientSampleId :

ICVBN063020

Tot Ion:136 Resp: 6770

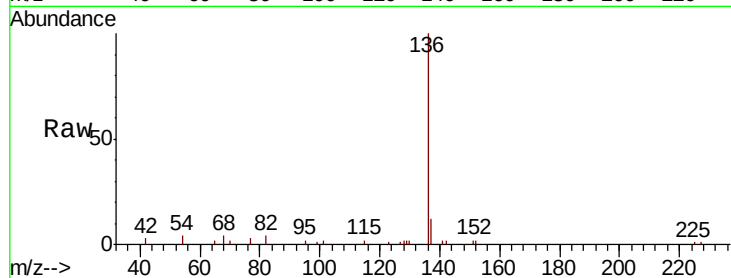
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 3.8 3.8 5.6

68 4.2 4.3 6.5#

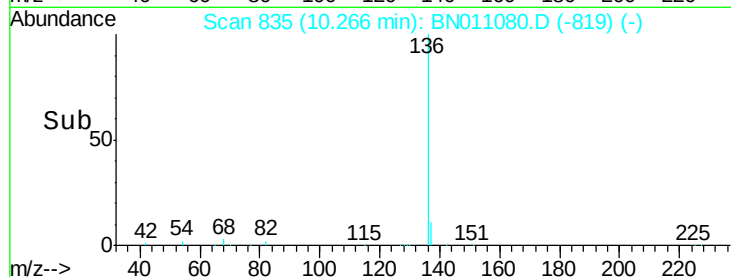


Abundance Ion 136.00 (135.70 to 136.70): E

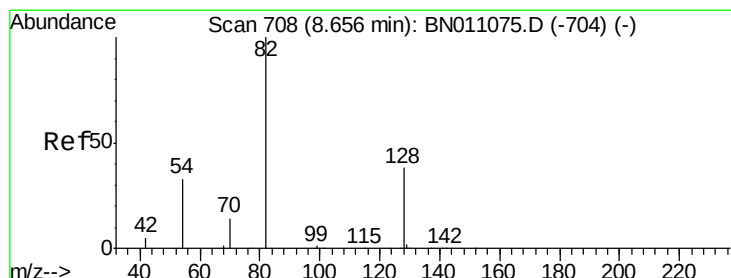
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.385 ng

RT: 8.66 min Scan# 708

Delta R.T. -0.00 min

Lab File: BN011080.D

Acq: 30 Jun 2020 14:29

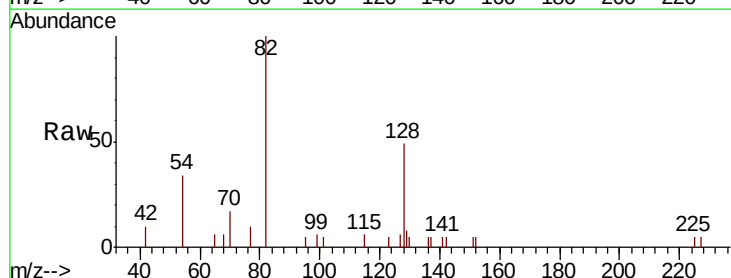
Tgt Ion: 82 Resp: 2216

Ion Ratio Lower Upper

82 100

128 48.9 34.2 51.2

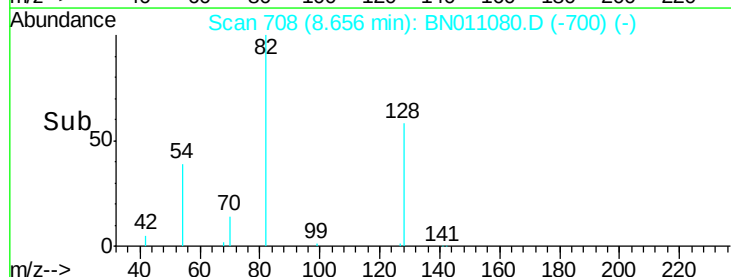
54 33.8 29.4 44.0



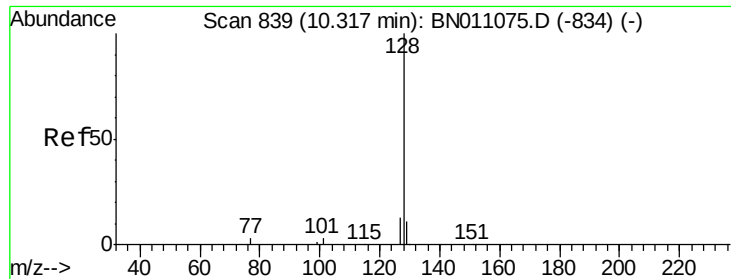
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#9

Naphthalene

Concen: 0.403 ng

RT: 10.30 min Scan# 838

Delta R.T. -0.01 min

Lab File: BN011080.D

Acq: 30 Jun 2020 14:29

Instrument :

BNA_N

ClientSampleId :

ICVBN063020

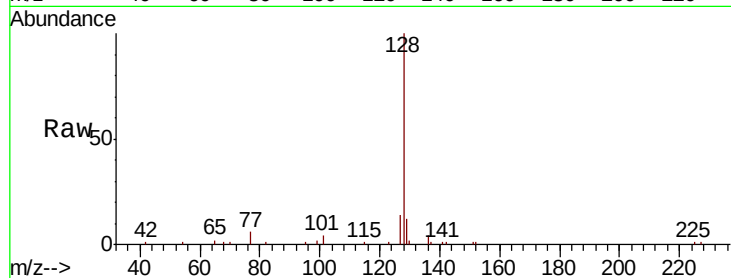
Tot Ion:128 Resp: 8152

Ion Ratio Lower Upper

128 100

129 12.2 9.8 14.8

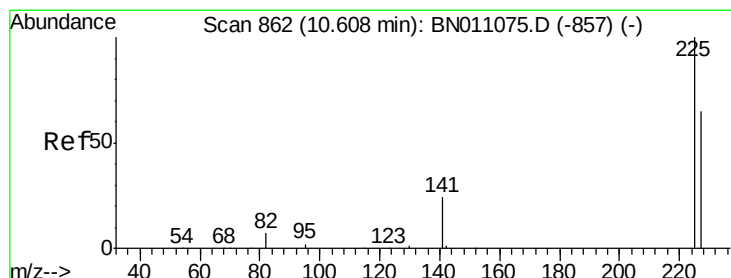
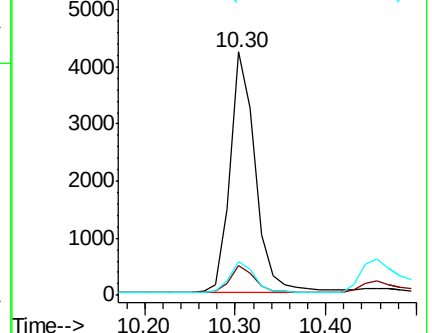
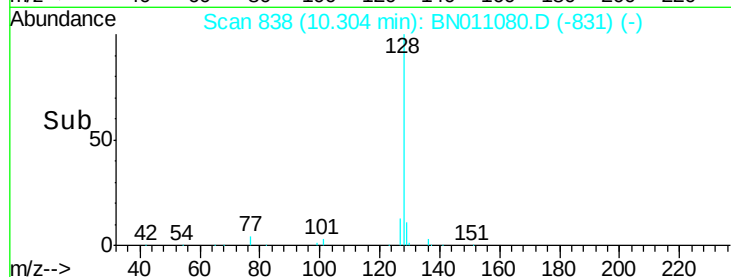
127 14.1 11.3 16.9



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: 0.383 ng

RT: 10.60 min Scan# 861

Delta R.T. -0.01 min

Lab File: BN011080.D

Acq: 30 Jun 2020 14:29

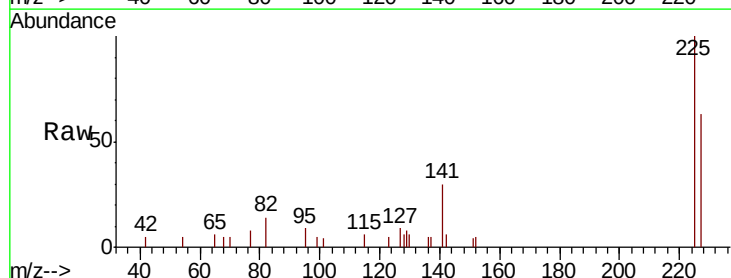
Tgt Ion:225 Resp: 1962

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

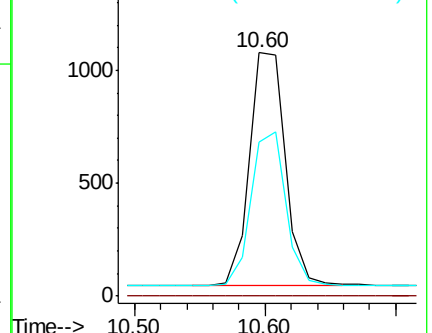
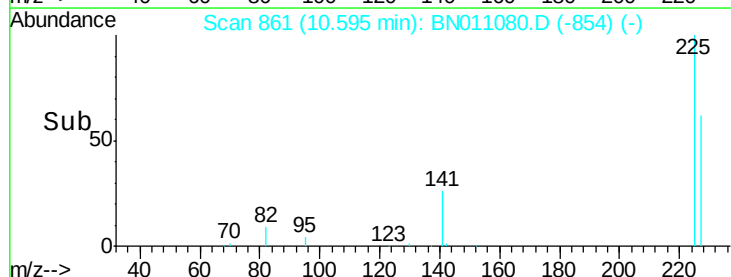
227 64.3 51.4 77.2

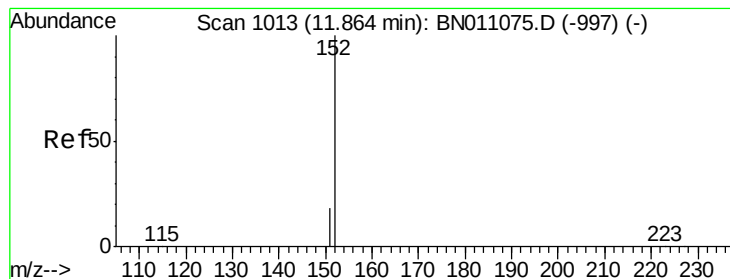


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.361 ng

RT: 11.86 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BN011080.D

Acq: 30 Jun 2020 14:29

Instrument :

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ClientSampleId :

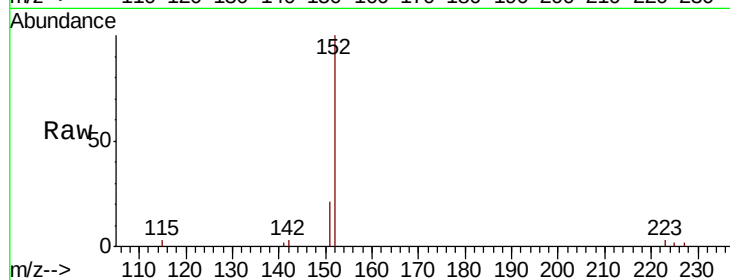
ICVBN063020

Tot Ion:152 Resp: 4229

Ion Ratio Lower Upper

152 100

151 20.8 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.86

2500

2000

1500

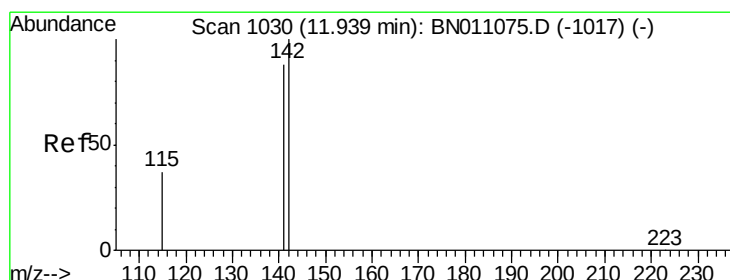
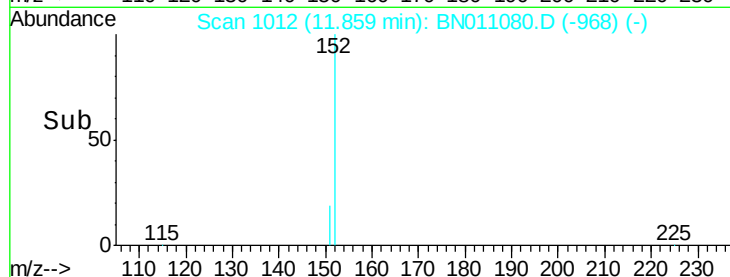
1000

500

0

Time-->

11.80 11.90



#12

2-Methylnaphthalene

Concen: 0.370 ng

RT: 11.93 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BN011080.D

Acq: 30 Jun 2020 14:29

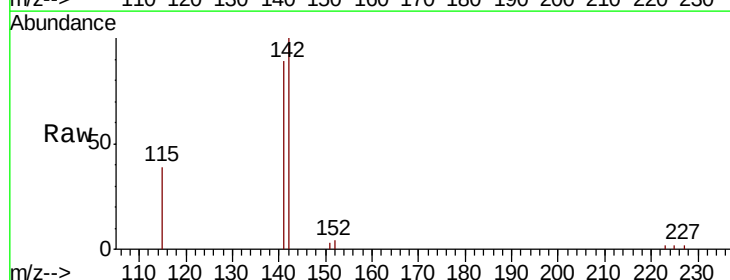
Tgt Ion:142 Resp: 4996

Ion Ratio Lower Upper

142 100

141 88.8 70.3 105.5

115 38.9 31.2 46.8



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

11.93

3000

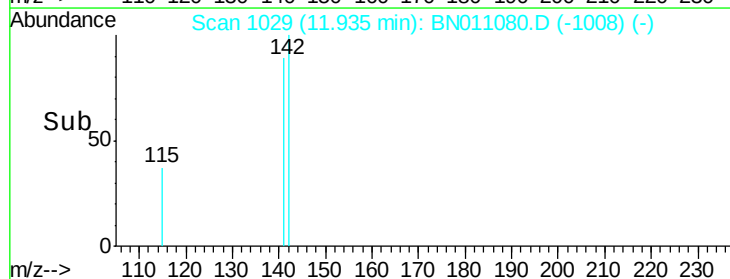
2000

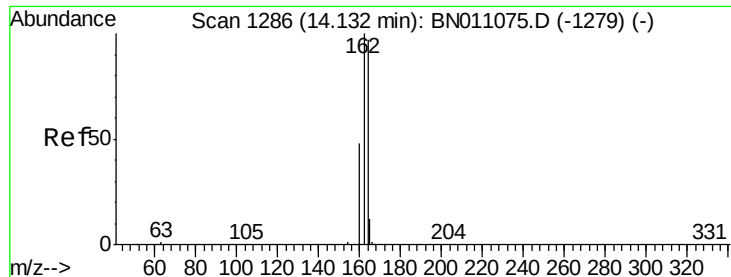
1000

0

Time-->

11.80 11.90 12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.13 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011080.D

Acq: 30 Jun 2020 14:29

Instrument :

BNA_N

ClientSampleId :

ICVBN063020

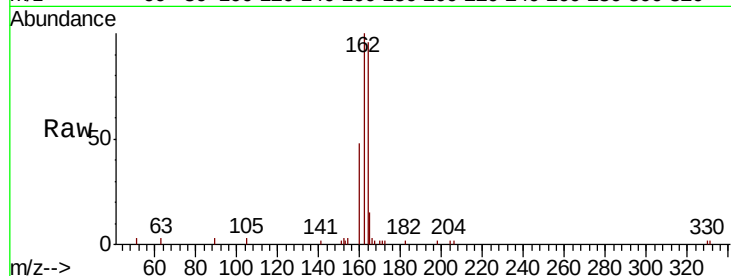
Tot Ion:164 Resp: 3275

Ion Ratio Lower Upper

164 100

162 104.1 82.3 123.5

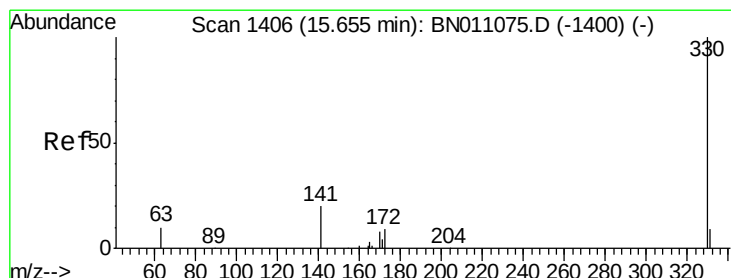
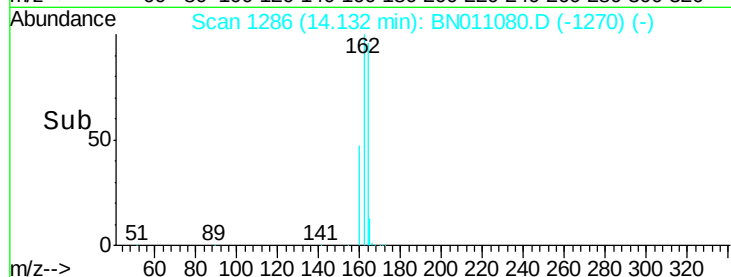
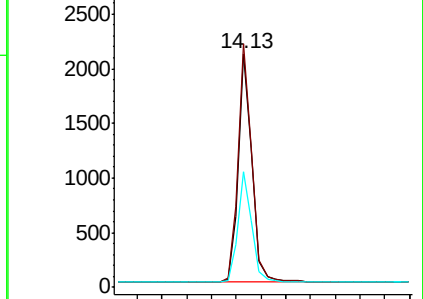
160 49.6 40.6 61.0



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: 0.390 ng

RT: 15.64 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BN011080.D

Acq: 30 Jun 2020 14:29

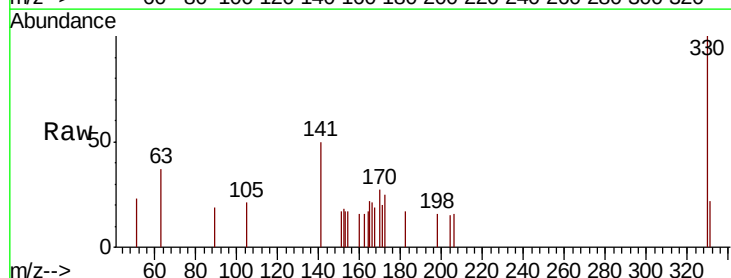
Tgt Ion:330 Resp: 536

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

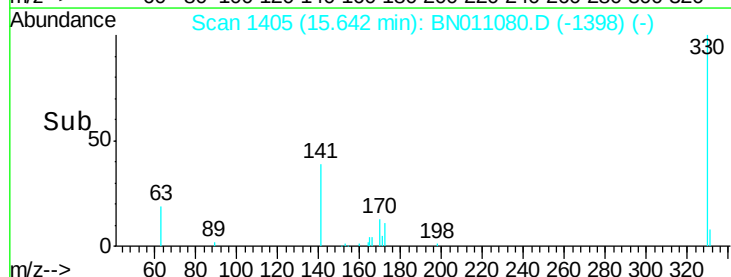
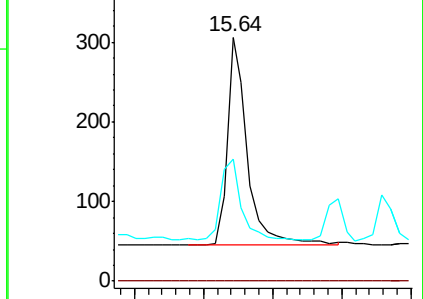
141 39.2 32.6 49.0

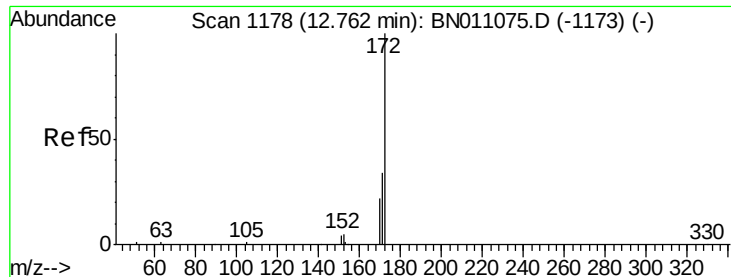


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

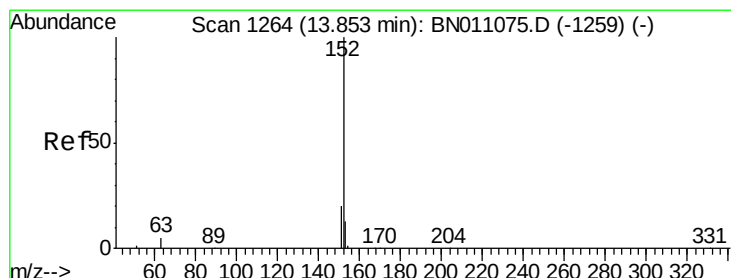
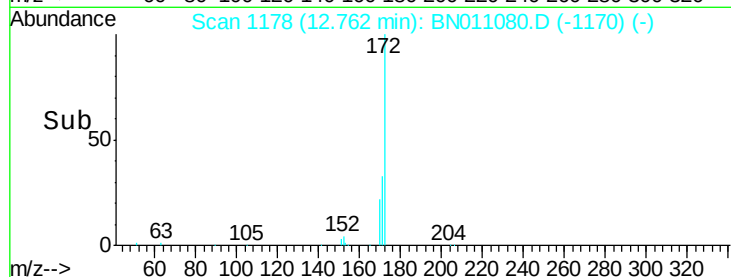
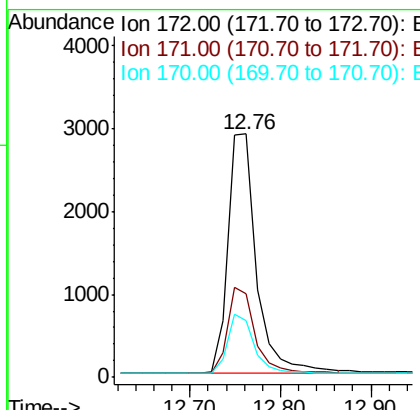
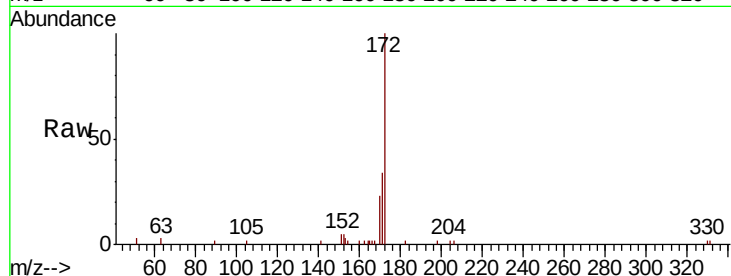




#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 12.76 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BN011080.D
Acq: 30 Jun 2020 14:29

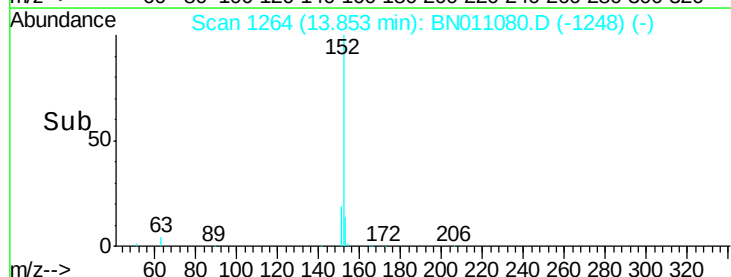
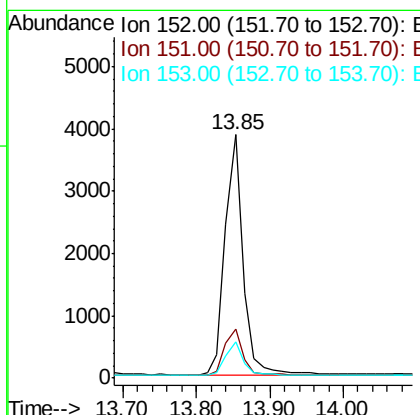
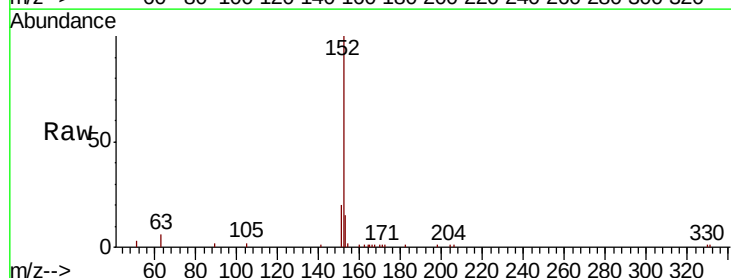
Instrument :
BNA_N
ClientSampleId :
ICVBN063020

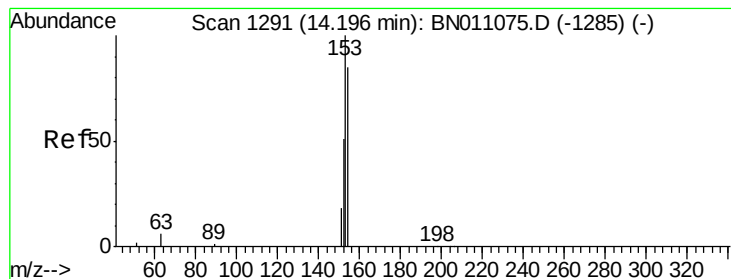
Tot Ion:172 Resp: 6368
Ion Ratio Lower Upper
172 100
171 34.5 27.9 41.9
170 23.2 18.7 28.1



#16
Acenaphthylene
Concen: 0.399 ng
RT: 13.85 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BN011080.D
Acq: 30 Jun 2020 14:29

Tgt Ion:152 Resp: 6554
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.5 10.8 16.2





#17

Acenaphthene

Concen: 0.402 ng

RT: 14.20 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BN011080.D

Acq: 30 Jun 2020 14:29

Instrument :

BNA_N

ClientSampleId :

ICVBN063020

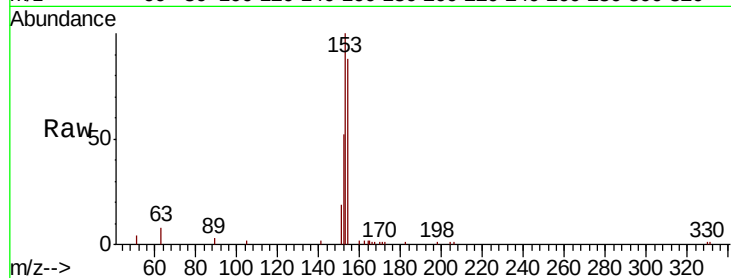
Tot Ion:154 Resp: 4472

Ion Ratio Lower Upper

154 100

153 114.9 91.7 137.5

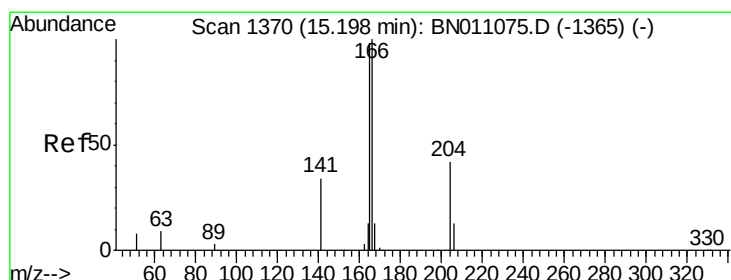
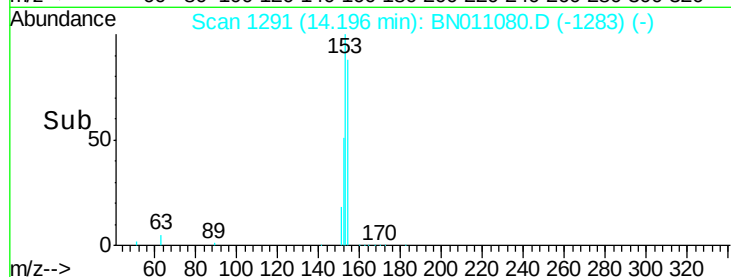
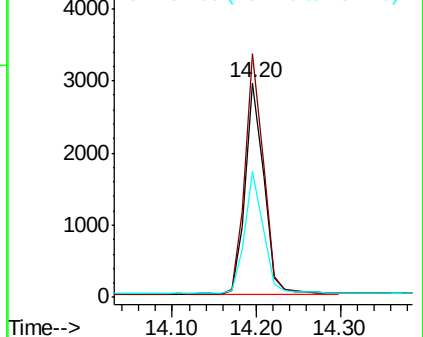
152 58.6 46.8 70.2



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: 0.407 ng

RT: 15.20 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BN011080.D

Acq: 30 Jun 2020 14:29

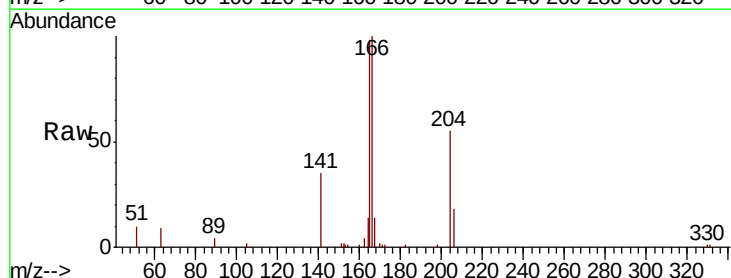
Tgt Ion:166 Resp: 5654

Ion Ratio Lower Upper

166 100

165 97.8 78.9 118.3

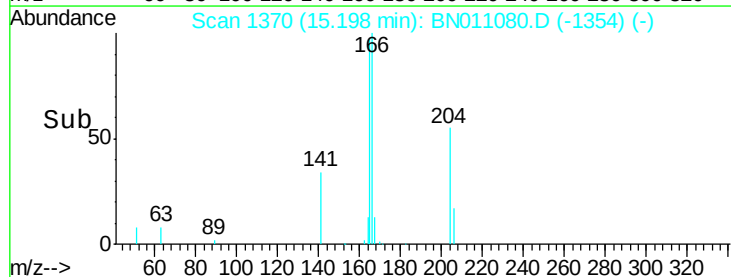
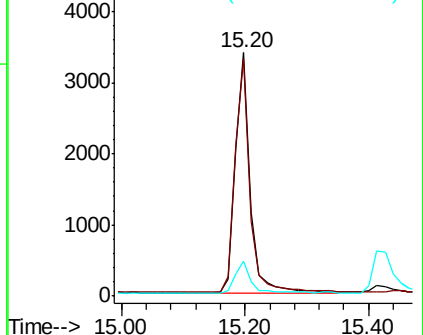
167 13.3 10.9 16.3

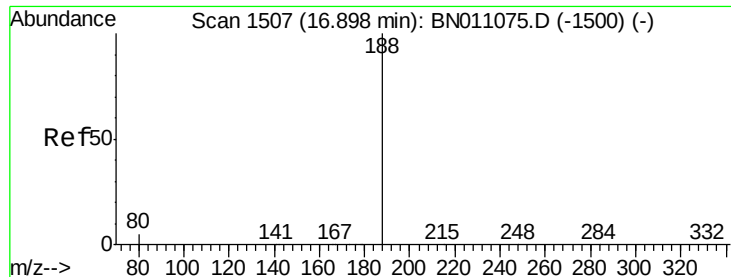


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

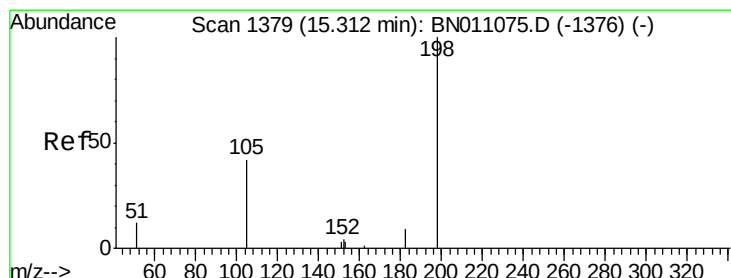
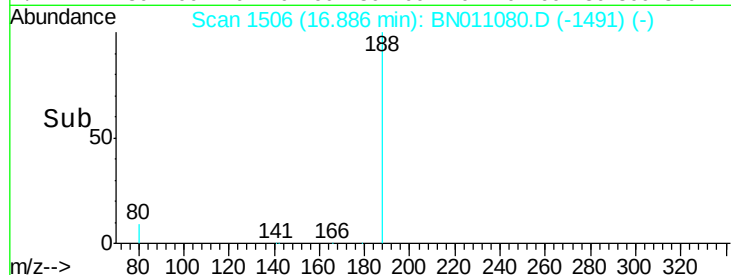
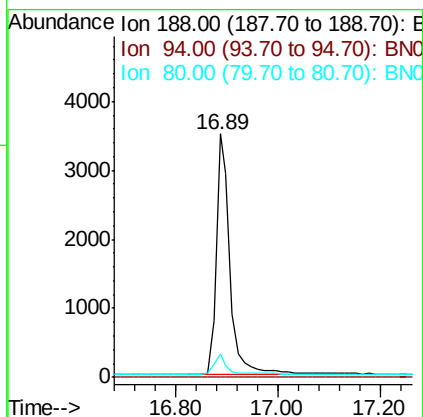
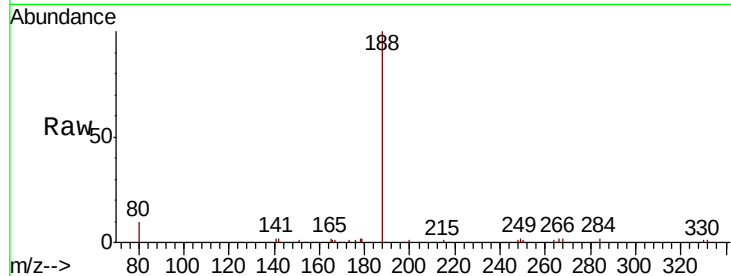




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.89 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BN011080.D
Acq: 30 Jun 2020 14:29

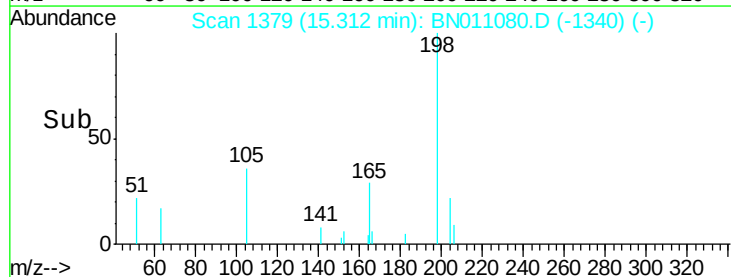
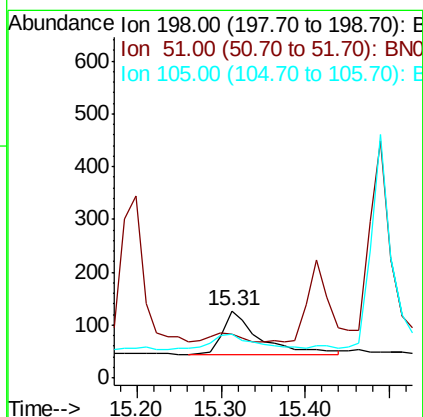
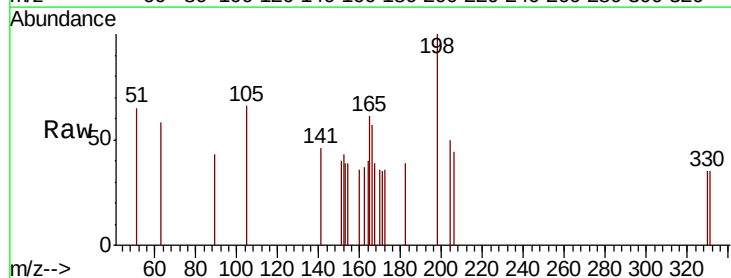
Instrument :
BNA_N
ClientSampleId :
ICVBN063020

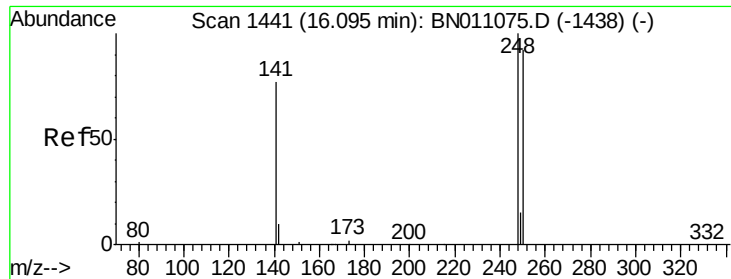
Tot Ion:188 Resp: 6595
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 5.3 7.9#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.381 ng
RT: 15.31 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BN011080.D
Acq: 30 Jun 2020 14:29

Tgt Ion:198 Resp: 242
Ion Ratio Lower Upper
198 100
51 65.4 58.2 87.4
105 66.1 59.0 88.4

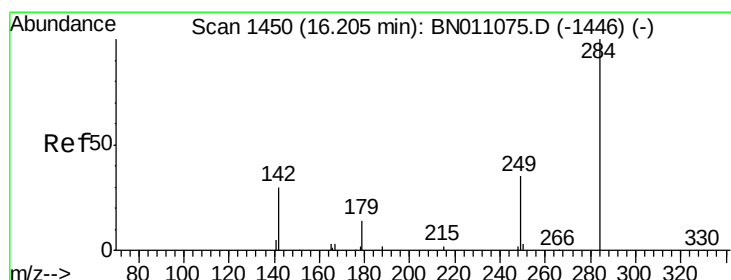
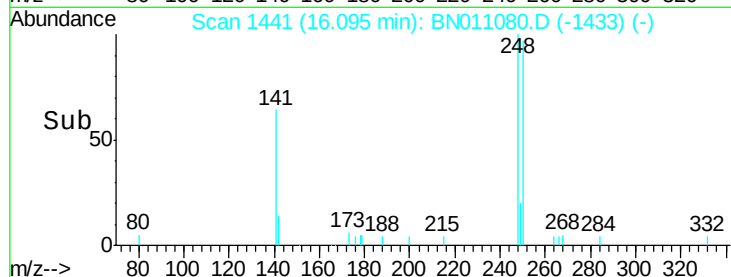
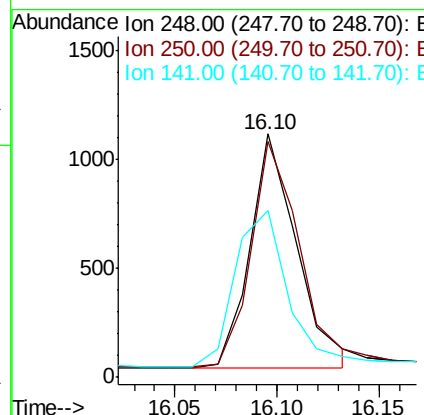
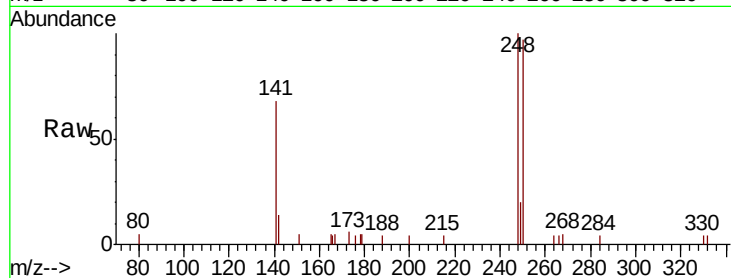




#21
4-Bromophenyl-phenylether
Concen: 0.390 ng
RT: 16.10 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BN011080.D
Acq: 30 Jun 2020 14:29

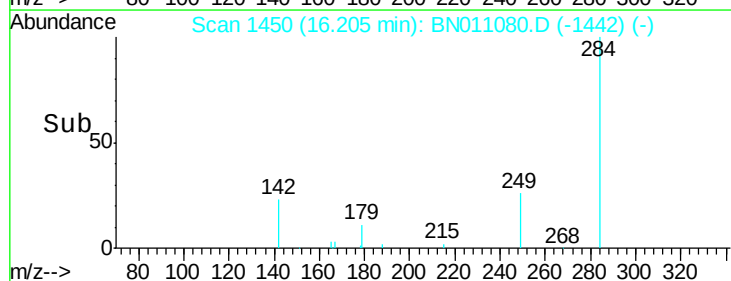
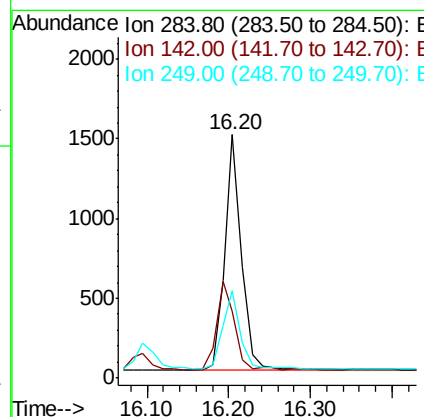
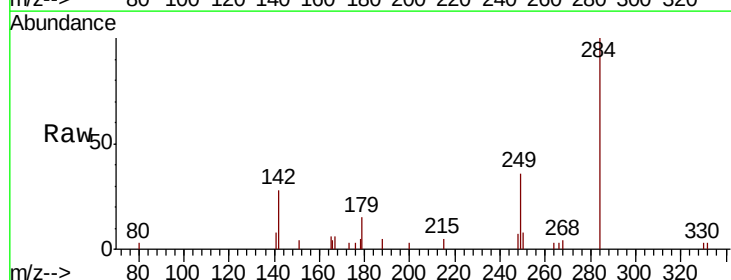
Instrument :
BNA_N
ClientSampleId :
ICVBN063020

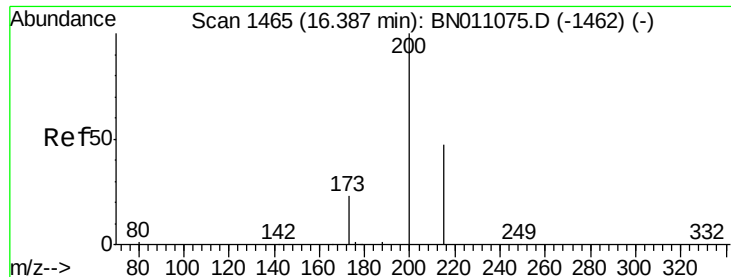
Tot Ion:248 Resp: 1711
Ion Ratio Lower Upper
248 100
250 96.7 73.8 110.8
141 68.4 63.1 94.7



#22
Hexachlorobenzene
Concen: 0.411 ng
RT: 16.20 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BN011080.D
Acq: 30 Jun 2020 14:29

Tgt Ion:284 Resp: 2125
Ion Ratio Lower Upper
284 100
142 40.5 33.3 49.9
249 35.4 27.4 41.2





#23

Atrazine

Concen: 0.399 ng

RT: 16.39 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BN011080.D

Acq: 30 Jun 2020 14:29

Instrument :

BNA_N

ClientSampleId :

ICVBN063020

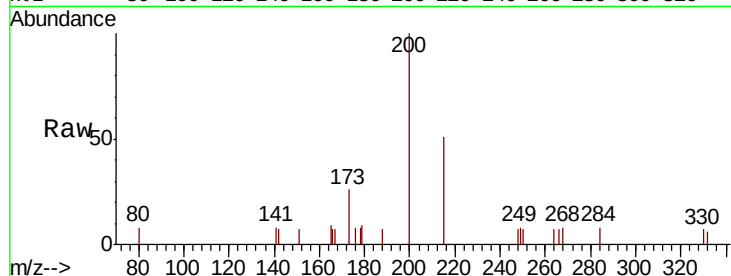
Tot Ion:200 Resp: 1237

Ion Ratio Lower Upper

200 100

173 26.2 22.8 34.2

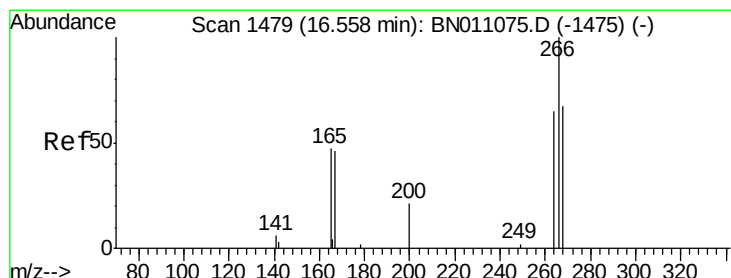
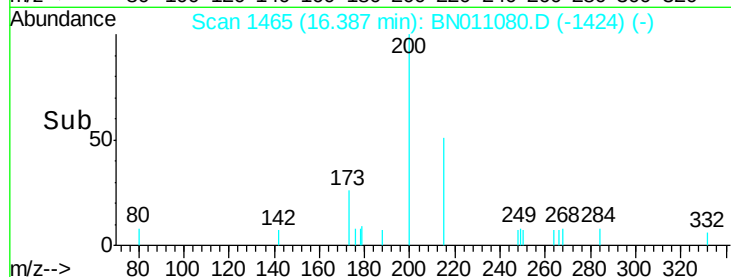
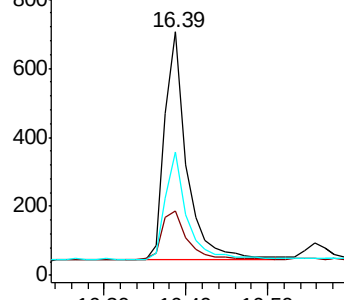
215 50.6 40.7 61.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#24

Pentachlorophenol

Concen: 0.418 ng

RT: 16.56 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BN011080.D

Acq: 30 Jun 2020 14:29

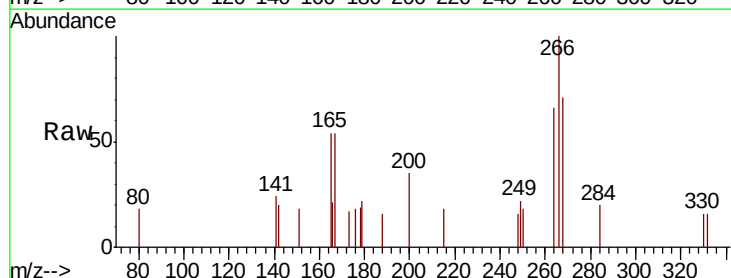
Tgt Ion:266 Resp: 581

Ion Ratio Lower Upper

266 100

264 57.0 47.4 71.0

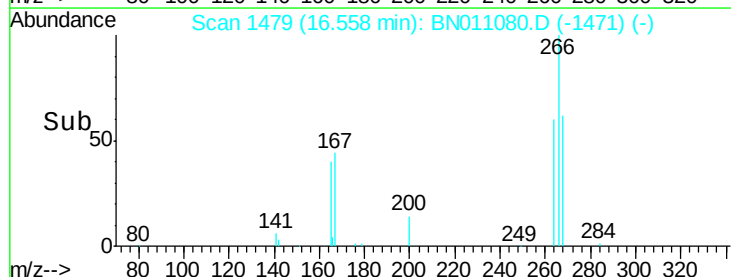
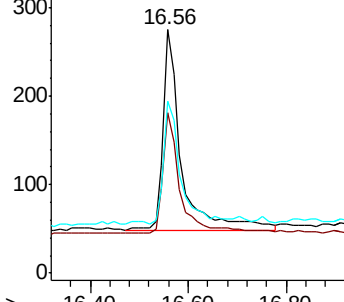
268 59.9 55.0 82.4

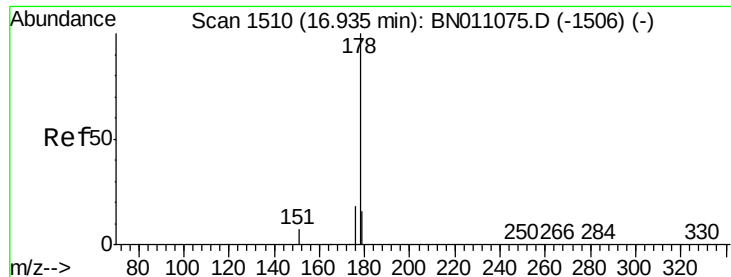


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.405 ng

RT: 16.93 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BN011080.D

Acq: 30 Jun 2020 14:29

Instrument :

BNA_N

ClientSampleId :

ICVBN063020

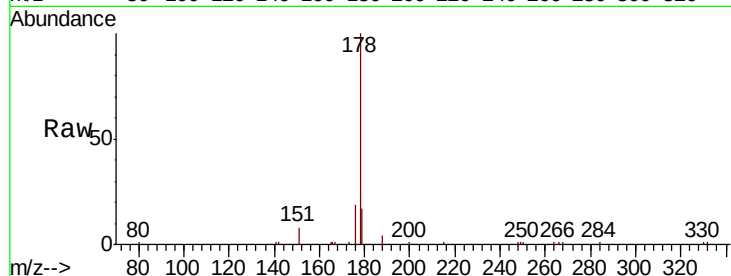
Tot Ion:178 Resp: 8650

Ion Ratio Lower Upper

178 100

176 19.0 15.0 22.6

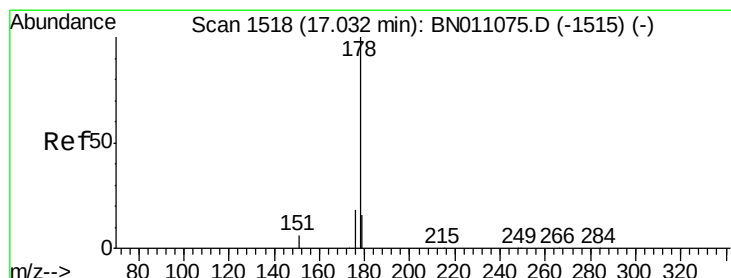
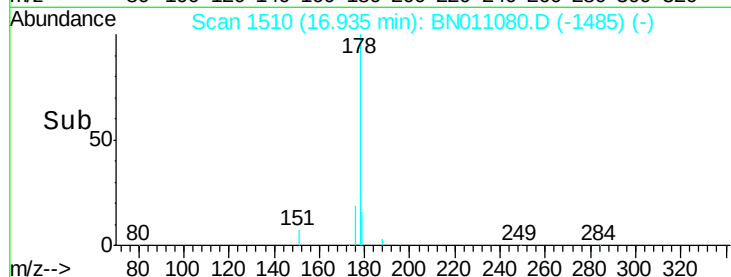
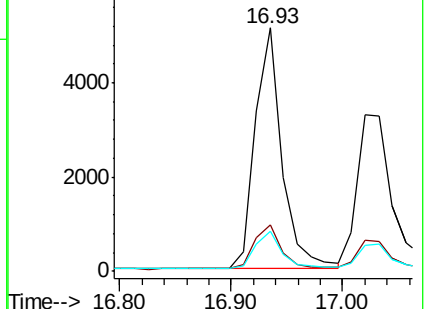
179 15.8 12.5 18.7



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



#26

Anthracene

Concen: 0.399 ng

RT: 17.02 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BN011080.D

Acq: 30 Jun 2020 14:29

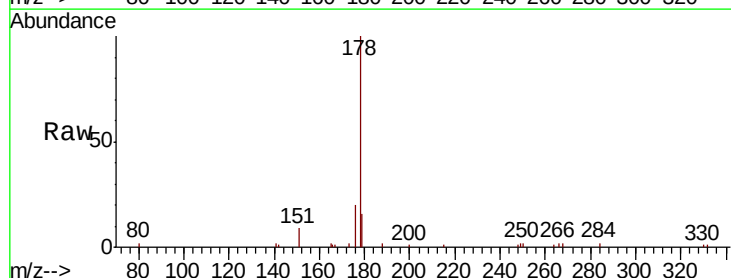
Tgt Ion:178 Resp: 7060

Ion Ratio Lower Upper

178 100

176 17.9 14.2 21.4

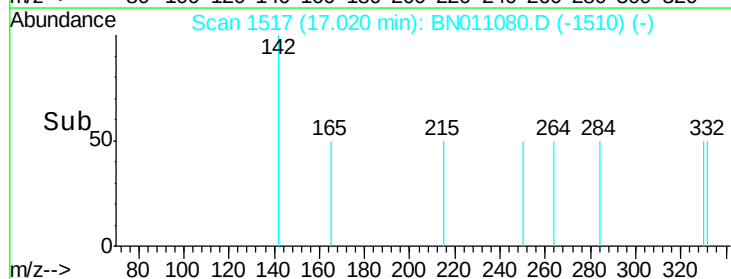
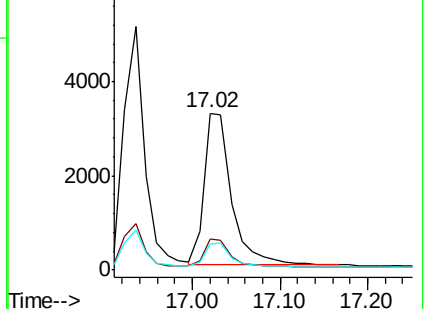
179 14.9 12.2 18.2

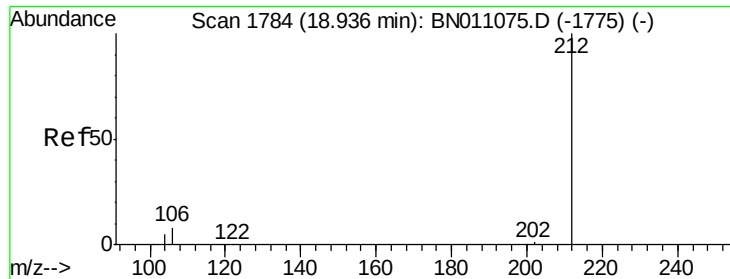


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

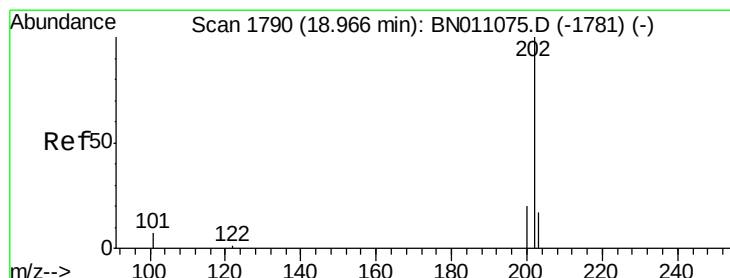
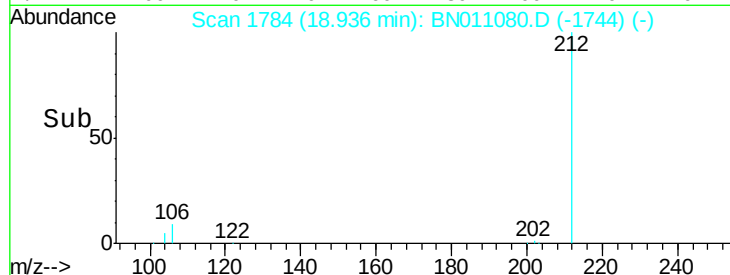
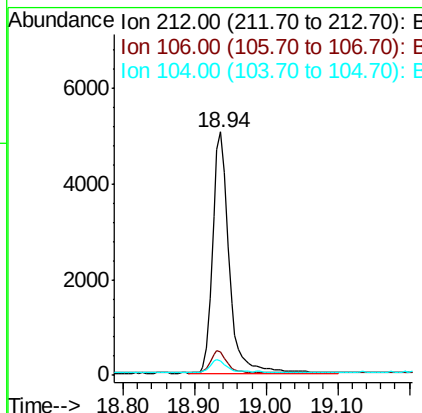
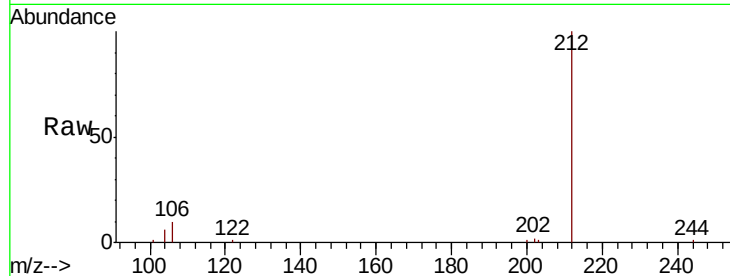




#27
 Fluoranthene-d10
 Concen: 0.402 ng
 RT: 18.94 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: BN011080.D
 Acq: 30 Jun 2020 14:29

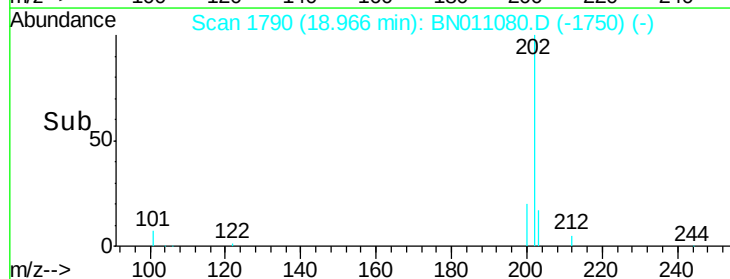
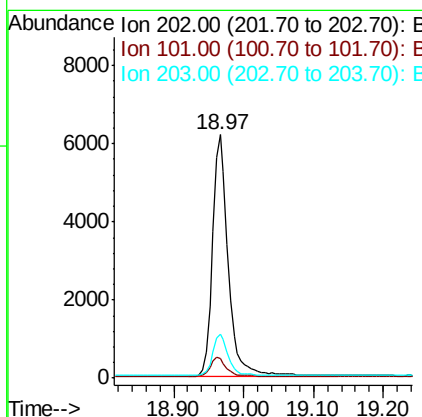
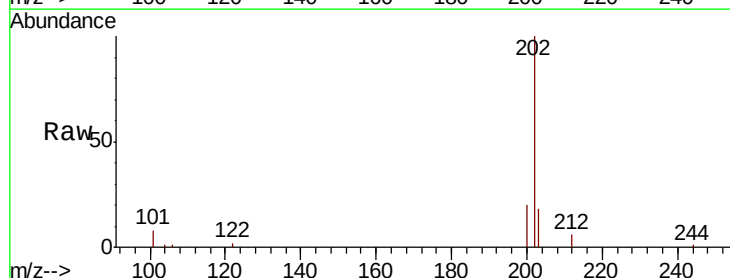
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN063020

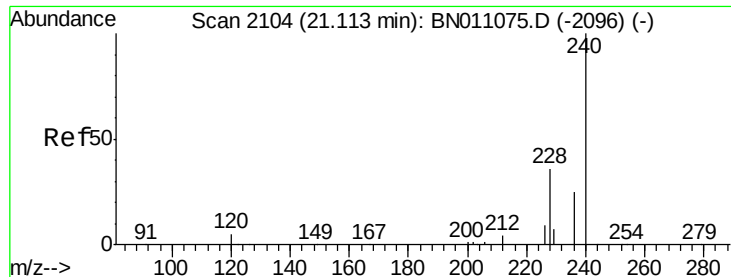
Tot Ion:212 Resp: 8015
 Ion Ratio Lower Upper
 212 100
 106 9.3 7.1 10.7
 104 5.3 4.2 6.4



#28
 Fluoranthene
 Concen: 0.404 ng
 RT: 18.97 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: BN011080.D
 Acq: 30 Jun 2020 14:29

Tgt Ion:202 Resp: 9705
 Ion Ratio Lower Upper
 202 100
 101 7.9 6.3 9.5
 203 16.7 13.5 20.3

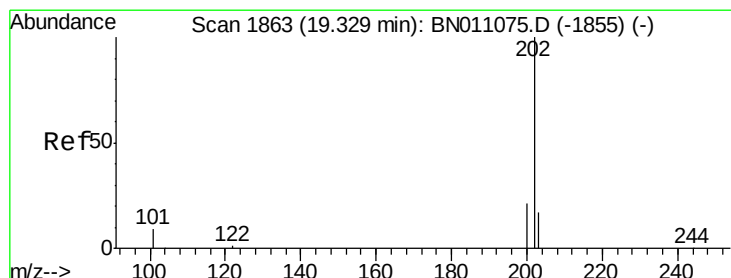
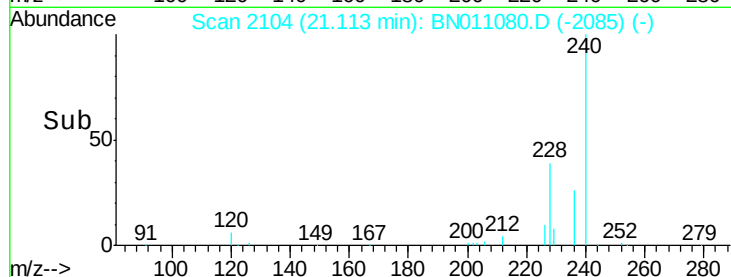
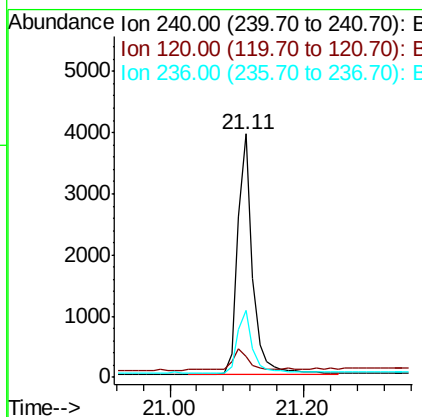
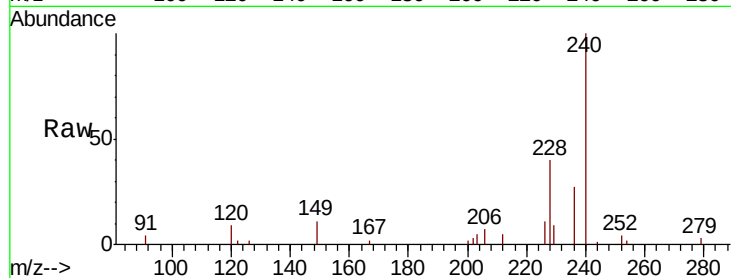




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BN011080.D
Acq: 30 Jun 2020 14:29

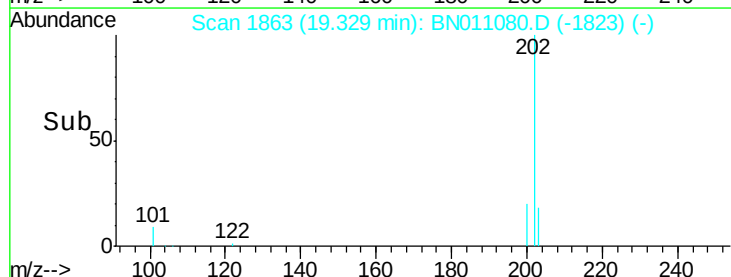
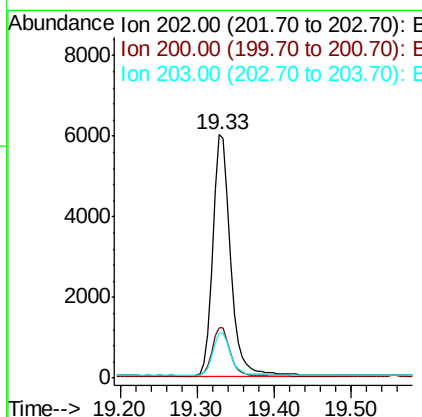
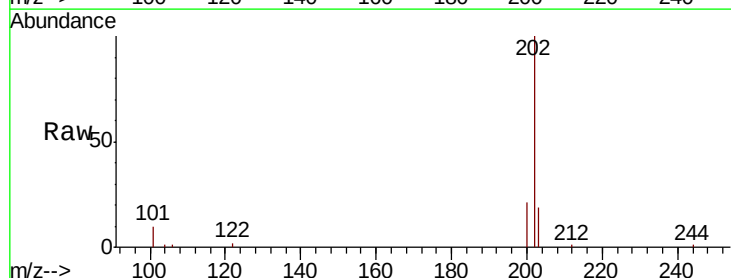
Instrument :
BNA_N
ClientSampleId :
ICVBN063020

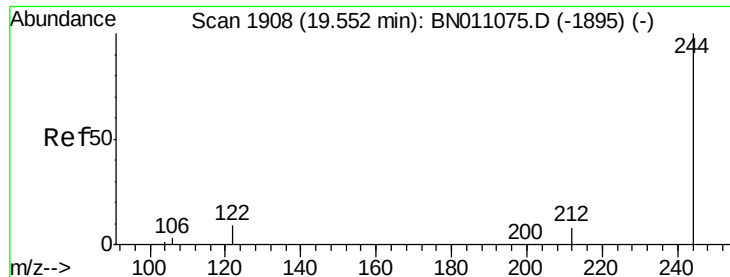
Tot Ion:240 Resp: 6126
Ion Ratio Lower Upper
240 100
120 8.7 6.5 9.7
236 27.3 21.9 32.9



#30
Pyrene
Concen: 0.421 ng
RT: 19.33 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BN011080.D
Acq: 30 Jun 2020 14:29

Tgt Ion:202 Resp: 9619
Ion Ratio Lower Upper
202 100
200 20.5 16.6 25.0
203 17.7 14.2 21.4

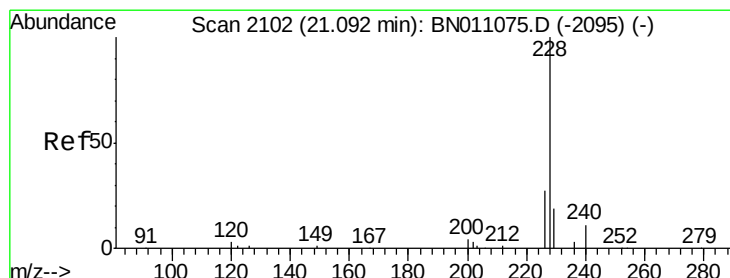
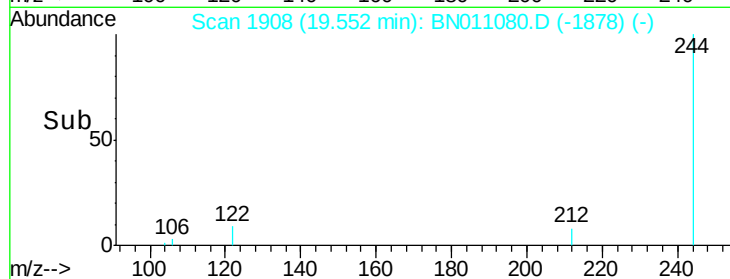
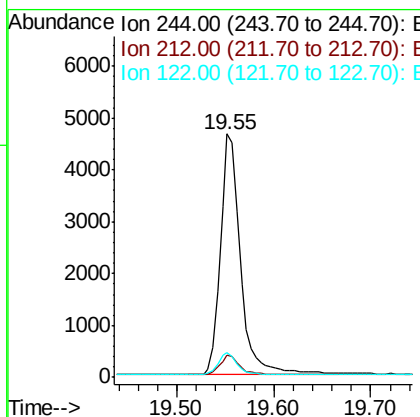
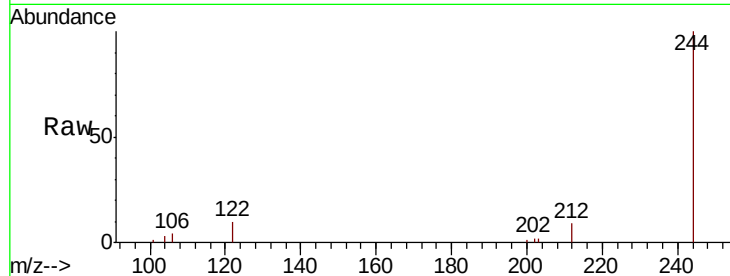




#31
 Terphenyl-d14
 Concen: 0.425 ng
 RT: 19.55 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: BN011080.D
 Acq: 30 Jun 2020 14:29

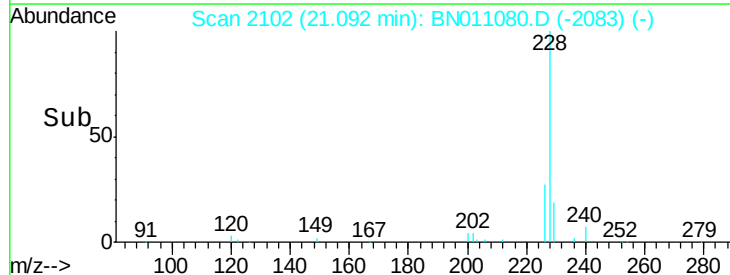
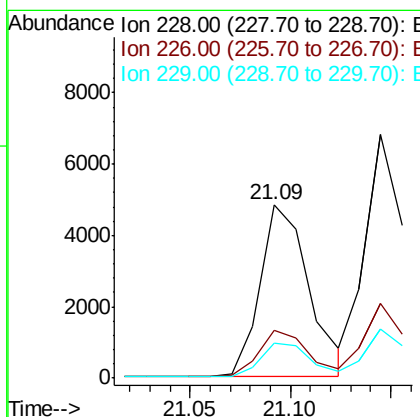
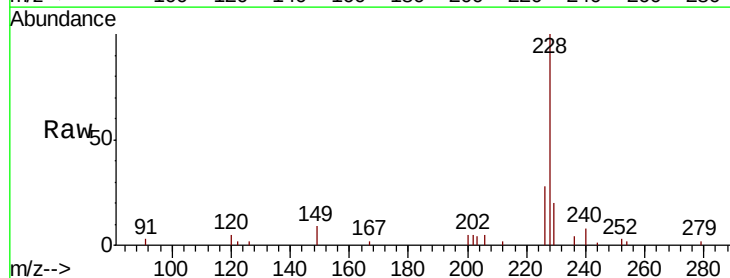
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN063020

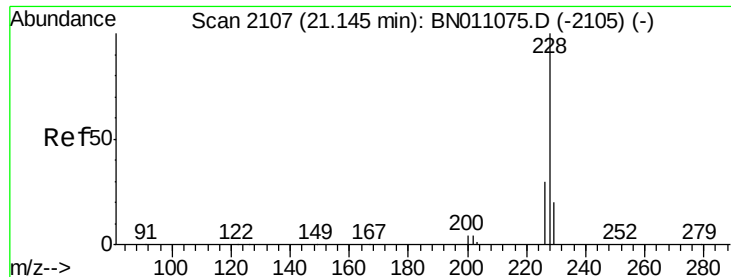
Tot Ion:244 Resp: 6780
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.5 11.3
 122 10.4 8.2 12.4



#32
 Benzo(a)anthracene
 Concen: 0.397 ng
 RT: 21.09 min Scan# 2102
 Delta R.T. -0.00 min
 Lab File: BN011080.D
 Acq: 30 Jun 2020 14:29

Tgt Ion:228 Resp: 8123
 Ion Ratio Lower Upper
 228 100
 226 27.8 22.0 33.0
 229 20.0 16.1 24.1





#33

Chrysene

Concen: 0.417 ng

RT: 21.15 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BN011080.D

Acq: 30 Jun 2020 14:29

Instrument :

BNA_N

ClientSampleId :

ICVBN063020

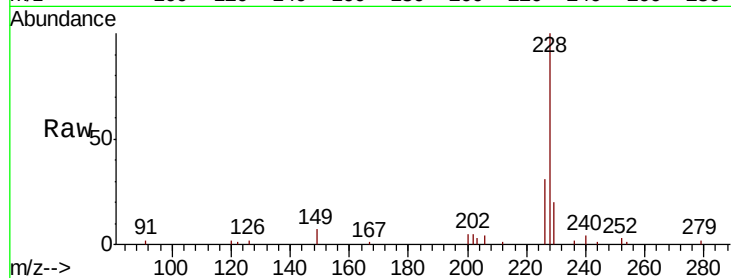
Tot Ion:228 Resp: 9793

Ion Ratio Lower Upper

228 100

226 30.7 24.0 36.0

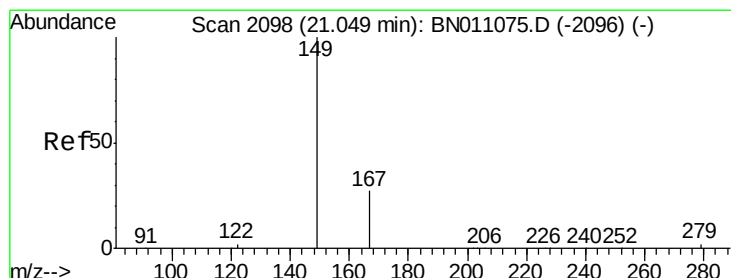
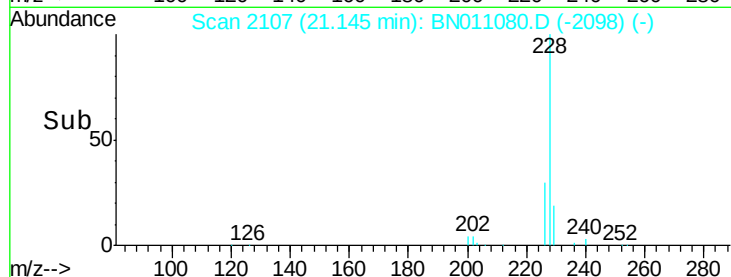
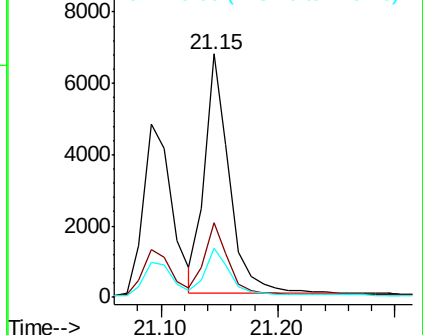
229 20.0 16.4 24.6



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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.395 ng

RT: 21.05 min Scan# 2098

Delta R.T. -0.00 min

Lab File: BN011080.D

Acq: 30 Jun 2020 14:29

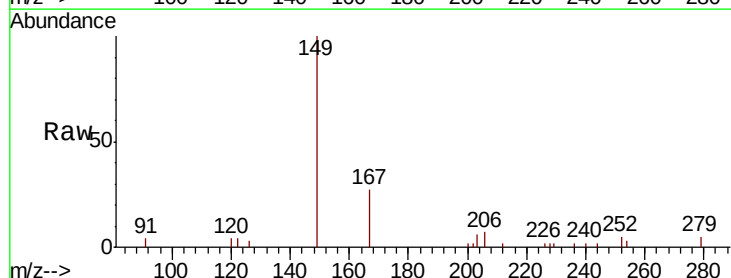
Tgt Ion:149 Resp: 3273

Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.4

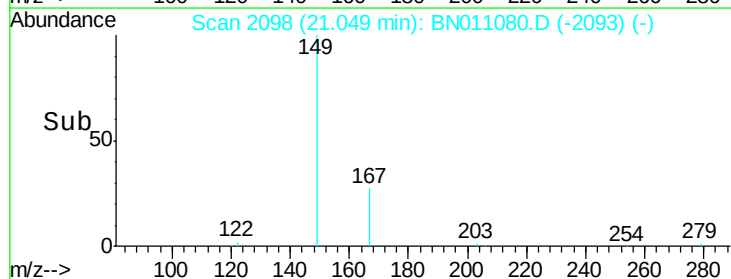
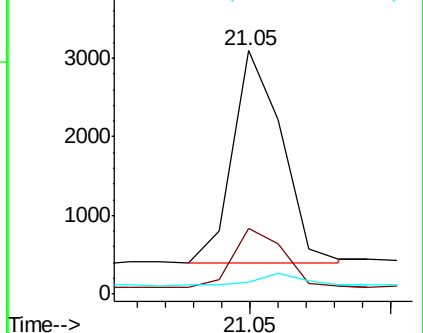
279 5.7 4.5 6.7

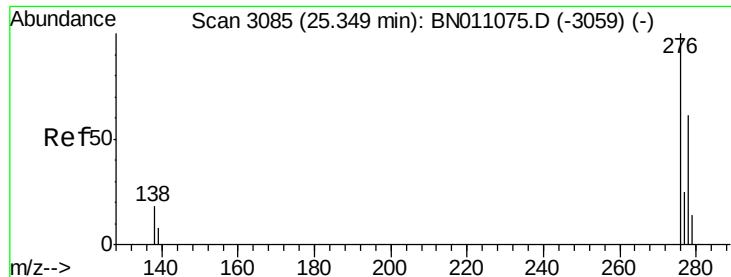


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

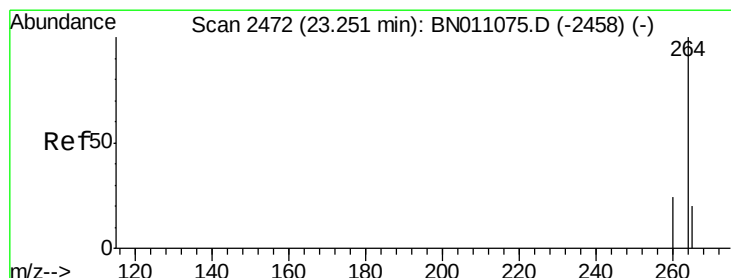
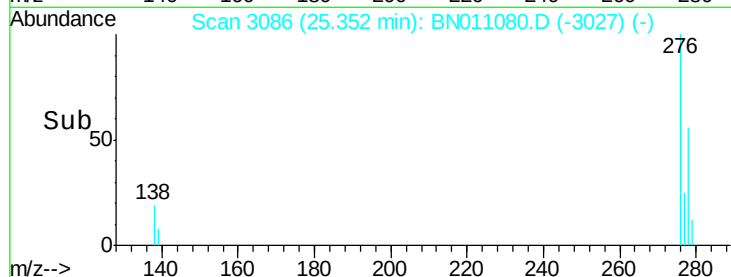
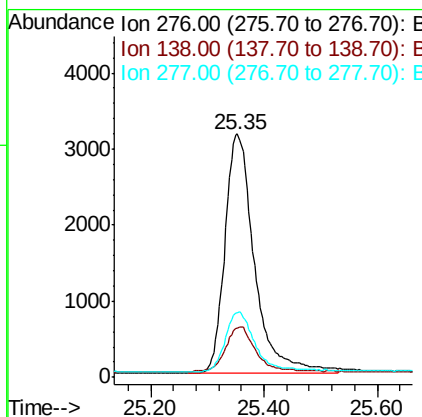
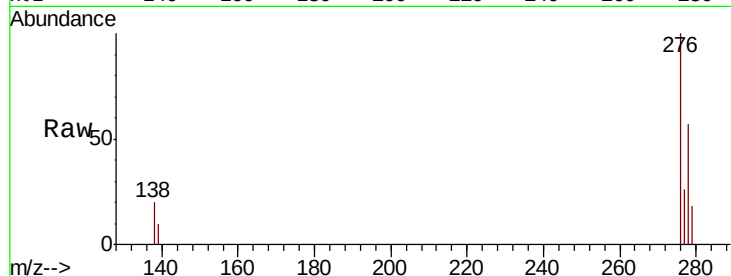




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.468 ng
 RT: 25.35 min Scan# 3086
 Delta R.T. 0.00 min
 Lab File: BN011080.D
 Acq: 30 Jun 2020 14:29

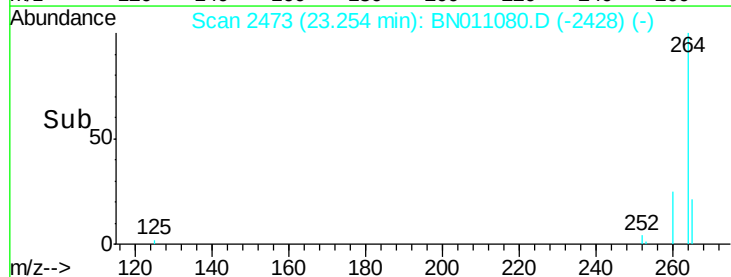
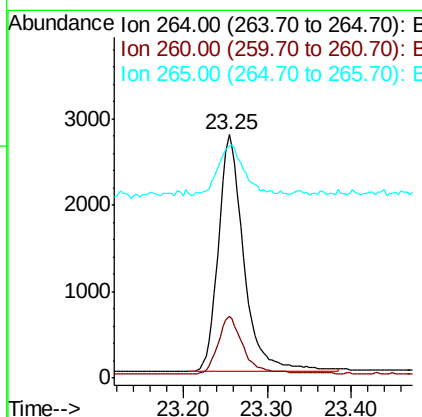
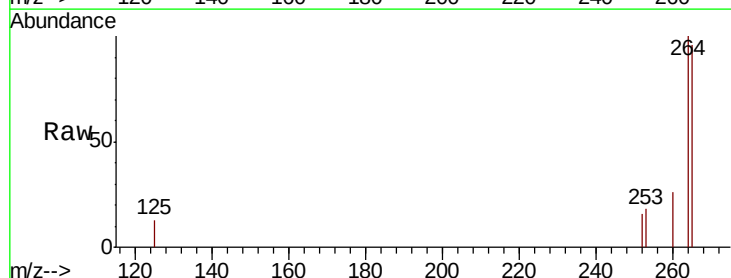
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN063020

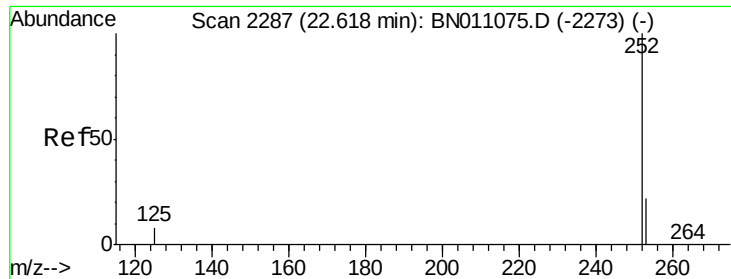
Tot Ion:276 Resp: 11490
 Ion Ratio Lower Upper
 276 100
 138 19.4 15.4 23.0
 277 25.0 19.4 29.0



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.25 min Scan# 2473
 Delta R.T. 0.00 min
 Lab File: BN011080.D
 Acq: 30 Jun 2020 14:29

Tgt Ion:264 Resp: 5790
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.4 30.6
 265 95.5 83.0 124.6





#37

Benzo(b)fluoranthene

Concen: 0.425 ng

RT: 22.62 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BN011080.D

Acq: 30 Jun 2020 14:29

Instrument :

BNA_N

ClientSampleId :

ICVBN063020

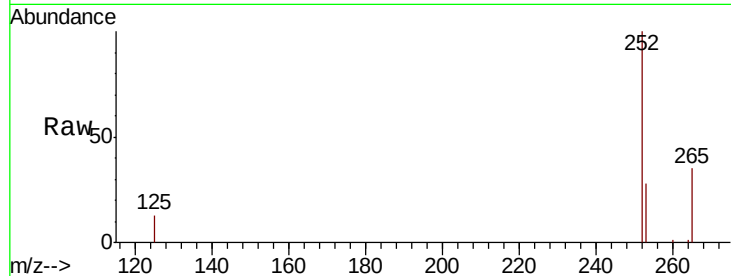
Tot Ion:252 Resp: 9871

Ion Ratio Lower Upper

252 100

253 28.2 22.7 34.1

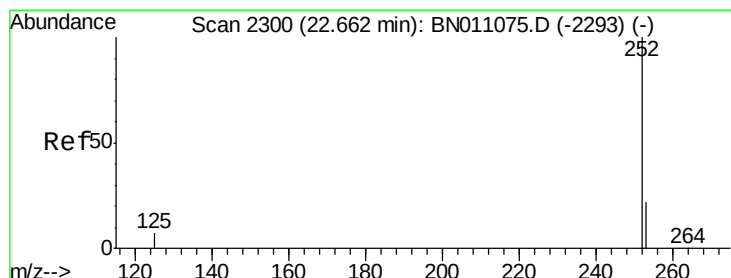
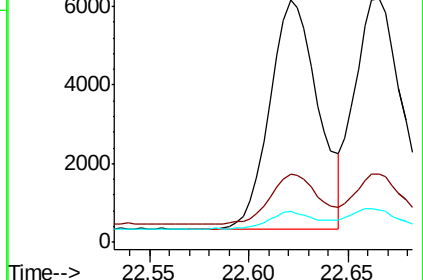
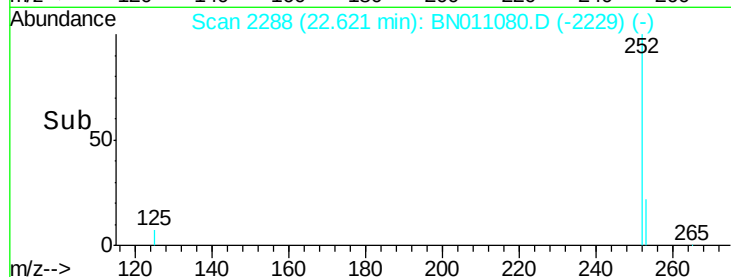
125 12.6 10.4 15.6



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

Benzo(k)fluoranthene

Concen: 0.416 ng

RT: 22.67 min Scan# 2301

Delta R.T. 0.00 min

Lab File: BN011080.D

Acq: 30 Jun 2020 14:29

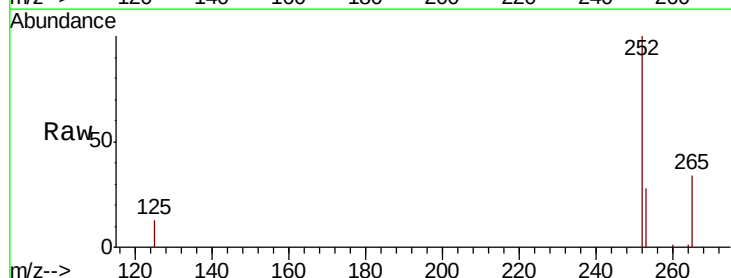
Tgt Ion:252 Resp: 10337

Ion Ratio Lower Upper

252 100

253 28.2 22.9 34.3

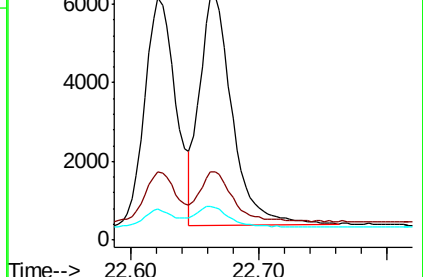
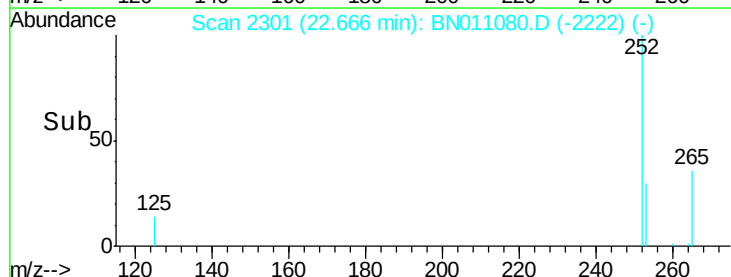
125 13.4 10.6 15.8

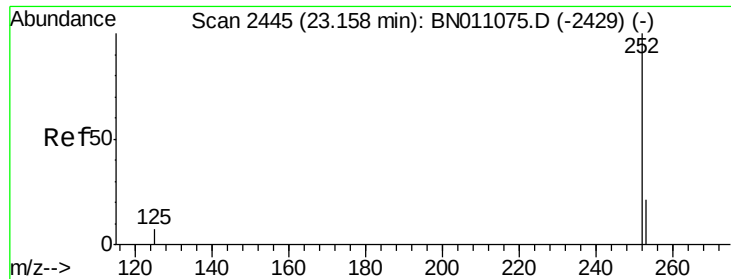


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.417 ng

RT: 23.17 min Scan# 2447

Delta R.T. 0.01 min

Lab File: BN011080.D

Acq: 30 Jun 2020 14:29

Instrument :

BNA_N

ClientSampleId :

ICVBN063020

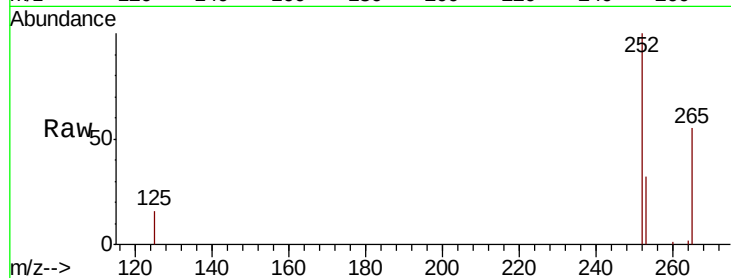
Tot Ion:252 Resp: 8335

Ion Ratio Lower Upper

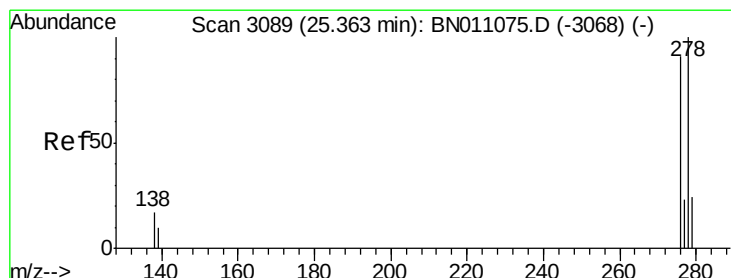
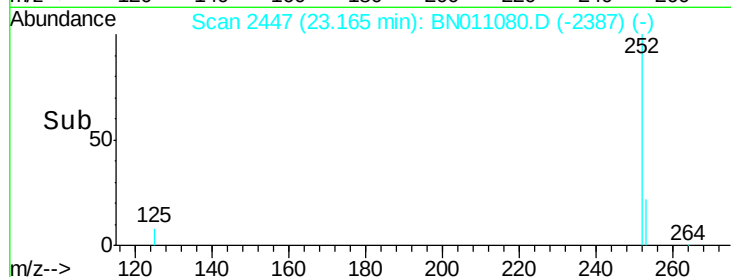
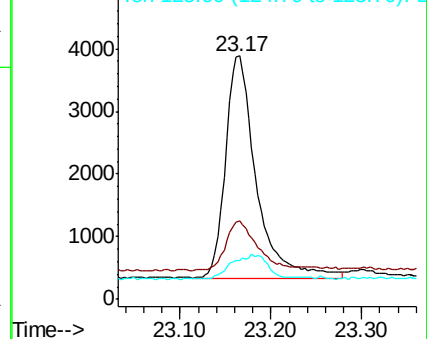
252 100

253 32.3 25.9 38.9

125 16.2 12.5 18.7



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



#40

Dibenzo(a,h)anthracene

Concen: 0.445 ng

RT: 25.37 min Scan# 3091

Delta R.T. 0.01 min

Lab File: BN011080.D

Acq: 30 Jun 2020 14:29

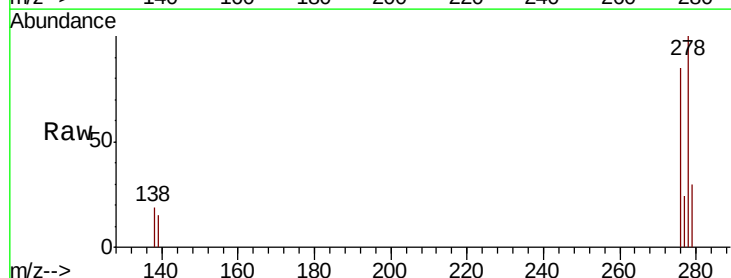
Tgt Ion:278 Resp: 9126

Ion Ratio Lower Upper

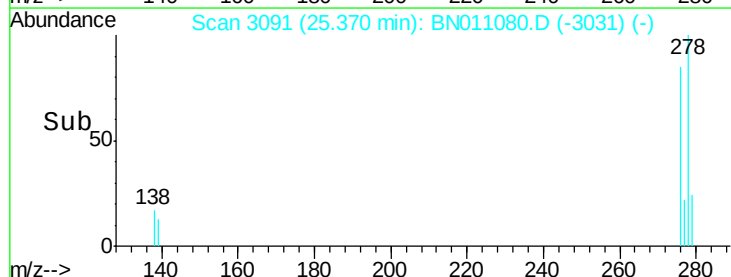
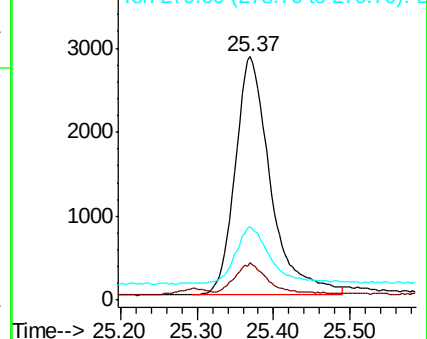
278 100

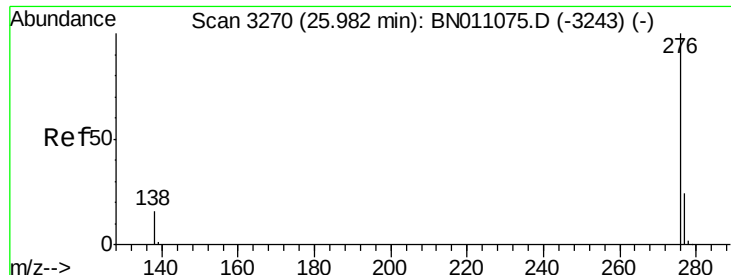
139 15.4 11.9 17.9

279 30.1 25.5 38.3



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





#41

Benzo(a,h,i)perylene

Concen: 0.435 ng

RT: 25.98 min Scan# 3269

Delta R.T. -0.00 min

Lab File: BN011080.D

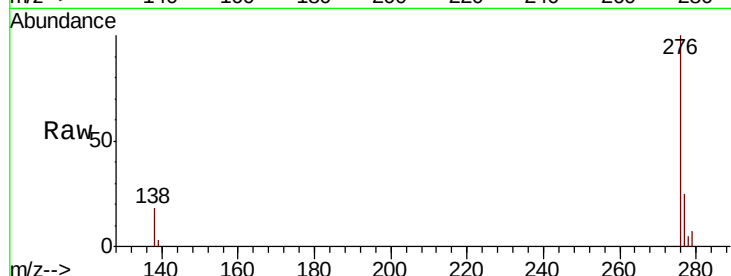
Acq: 30 Jun 2020 14:29

Instrument :

BNA_N

ClientSampleId :

ICVBN063020



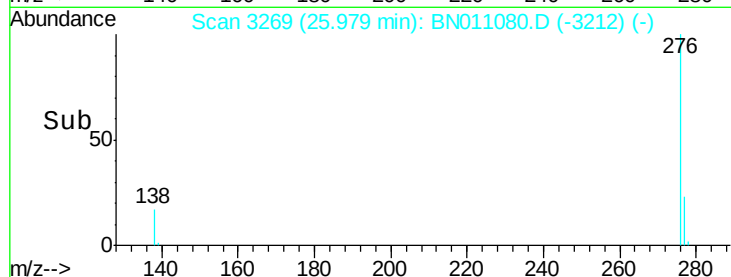
Tot Ion: 276 Resp: 9824

Ion Ratio Lower Upper

276 100

277 25.4 21.1 31.7

138 18.4 15.0 22.6



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

