

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062320\
 Data File : BN011037.D
 Acq On : 23 Jun 2020 18:51
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN062320

Quant Time: Jun 23 19:23:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 18:53:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	2300	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	8389	0.40	ng	0.00
13) Acenaphthene-d10	14.14	164	4105	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	8049	0.40	ng	0.00
29) Chrysene-d12	21.11	240	9469	0.40	ng	-0.01
36) Perylene-d12	23.25	264	7300	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.19	112	2779	0.43	ng	0.00
5) Phenol-d6	6.73	99	3275	0.43	ng	0.02
8) Nitrobenzene-d5	8.66	82	2741	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	11.87	152	5335	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	687	0.38	ng	0.01
15) 2-Fluorobiphenyl	12.76	172	8059	0.42	ng	0.00
27) Fluoranthene-d10	18.94	212	10081	0.40	ng	0.00
31) Terphenyl-d14	19.55	244	8689	0.34	ng	0.00

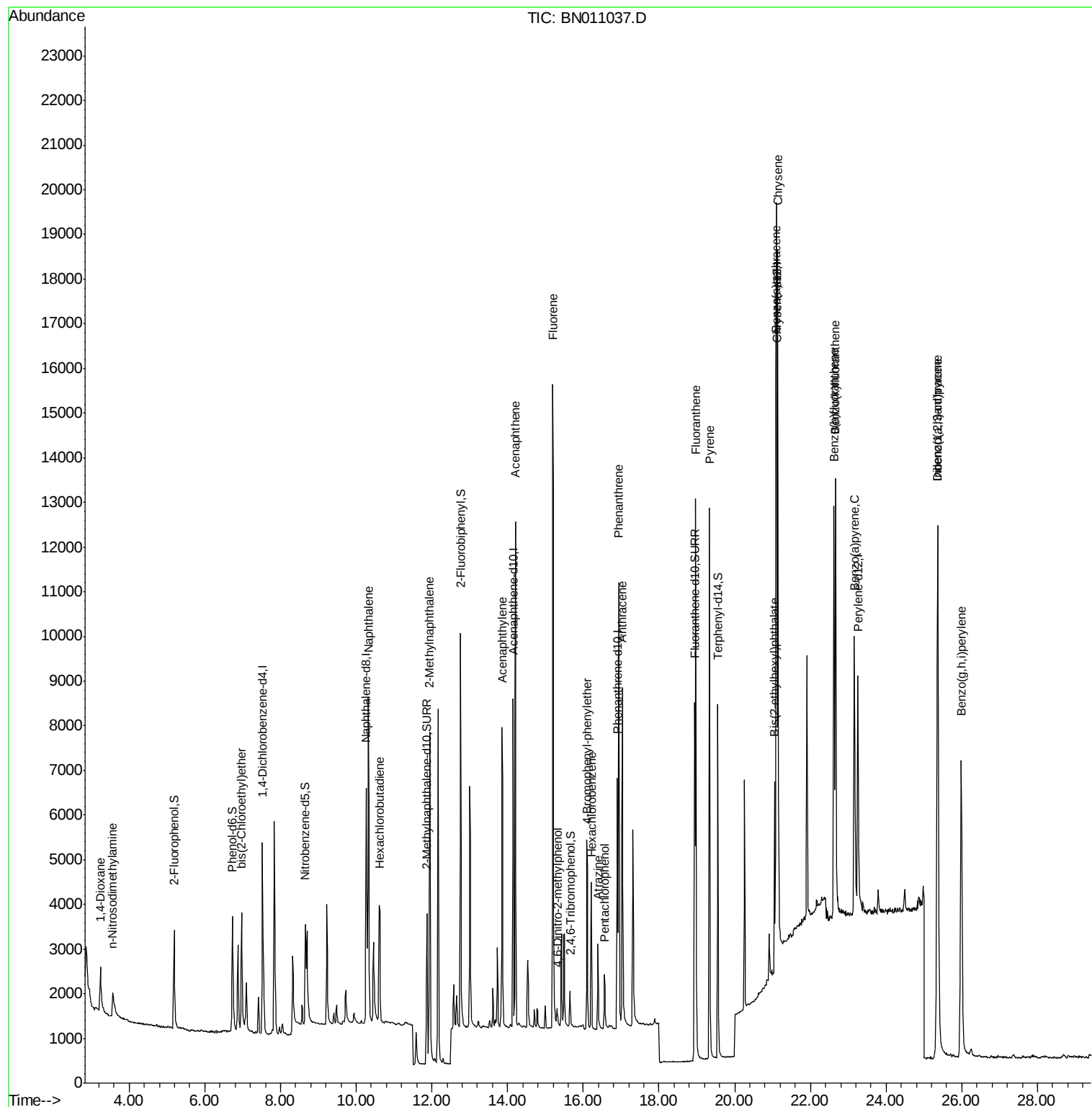
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.24	88	1399	0.452	ng	95
3) n-Nitrosodimethylamine	3.57	42	670	0.388	ng	# 92
6) bis(2-Chloroethyl)ether	6.98	93	2899	0.437	ng	99
9) Naphthalene	10.32	128	9811	0.385	ng	99
10) Hexachlorobutadiene	10.62	225	2362	0.385	ng	# 99
12) 2-Methylnaphthalene	11.94	142	6251	0.366	ng	99
16) Acenaphthylene	13.85	152	8546	0.413	ng	99
17) Acenaphthene	14.21	154	5685	0.409	ng	99
18) Fluorene	15.20	166	7090	0.400	ng	99
20) 4,6-Dinitro-2-methylphenol	15.31	198	481	0.357	ng	# 92
21) 4-Bromophenyl-phenylether	16.11	248	2440	0.438	ng	# 72
22) Hexachlorobenzene	16.22	284	2665	0.433	ng	99
23) Atrazine	16.39	200	1677	0.408	ng	96
24) Pentachlorophenol	16.57	266	792	0.407	ng	92
25) Phenanthrene	16.93	178	11039	0.407	ng	100
26) Anthracene	17.03	178	9101	0.404	ng	99
28) Fluoranthene	18.97	202	12176	0.393	ng	100
30) Pyrene	19.34	202	12206	0.335	ng	99
32) Benzo(a)anthracene	21.09	228	13099	0.399	ng	99
33) Chrysene	21.14	228	14838	0.415	ng	99
34) Bis(2-ethylhexyl)phthalate	21.06	149	4309	0.327	ng	99
35) Indeno(1,2,3-cd)pyrene	25.36	276	14668	0.369	ng	100
37) Benzo(b)fluoranthene	22.62	252	11634	0.403	ng	99
38) Benzo(k)fluoranthene	22.66	252	13000	0.433	ng	98
39) Benzo(a)pyrene	23.16	252	10319	0.402	ng	97
40) Dibenzo(a,h)anthracene	25.37	278	11861	0.429	ng	99
41) Benzo(g,h,i)perylene	25.98	276	14421	0.503	ng	99

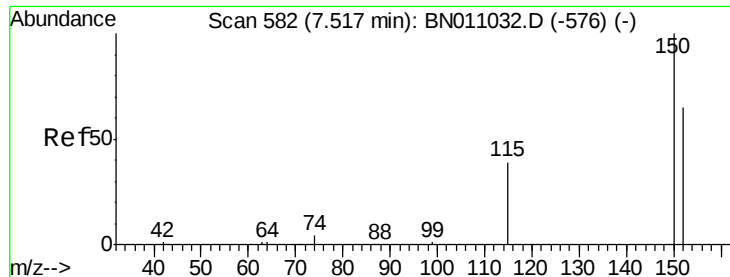
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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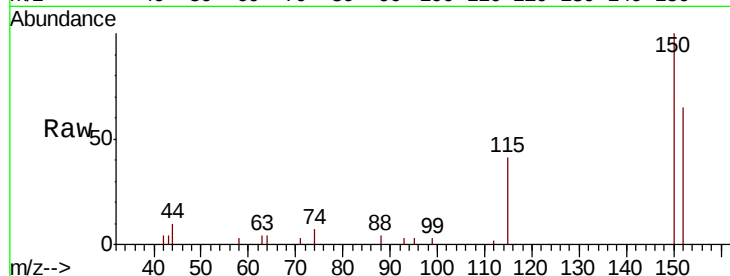


#1

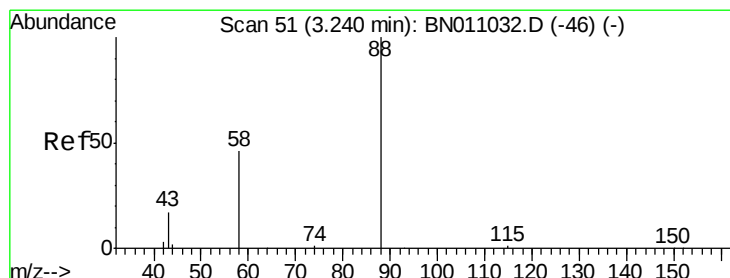
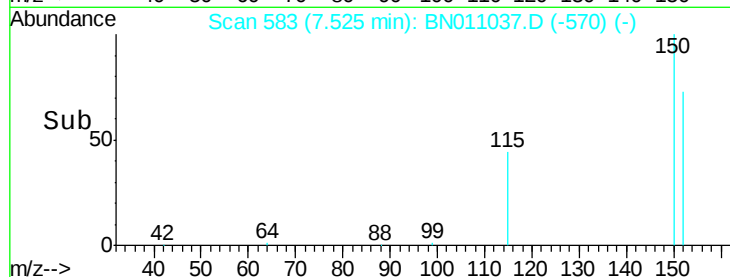
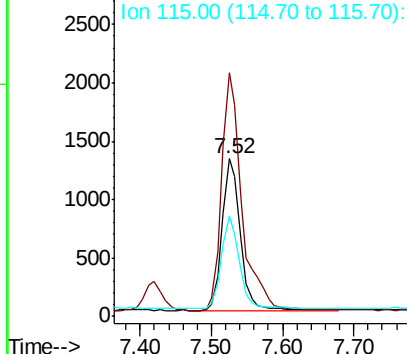
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 18:51

Instrument :
BNA_N
ClientSampleId :
ICVBN062320

Tot Ion:152 Resp: 2300
Ion Ratio Lower Upper
152 100
150 154.5 121.8 182.8
115 63.7 50.2 75.2



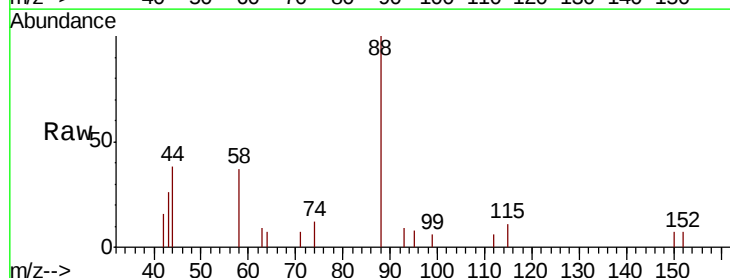
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



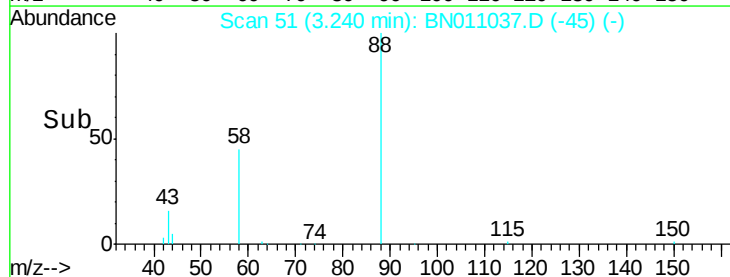
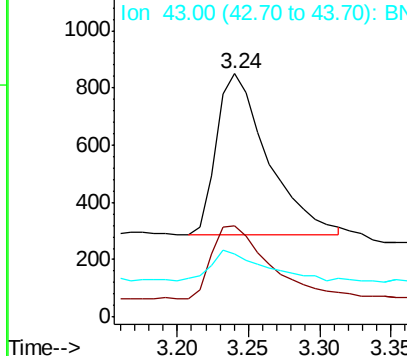
#2

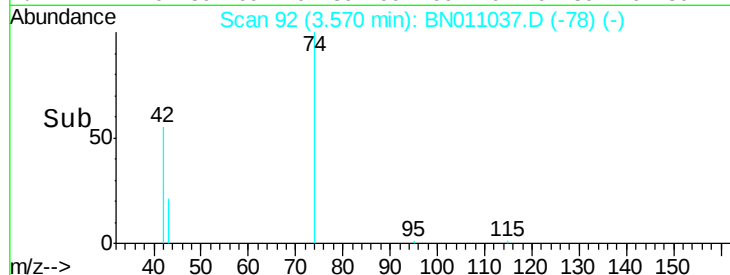
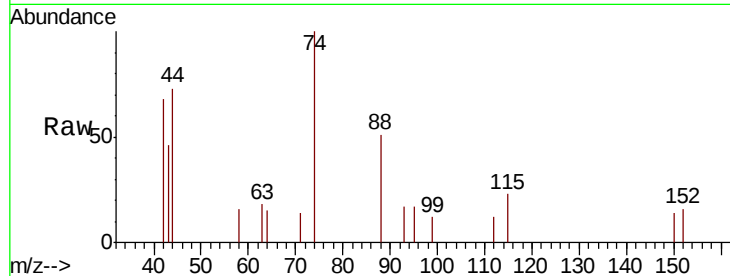
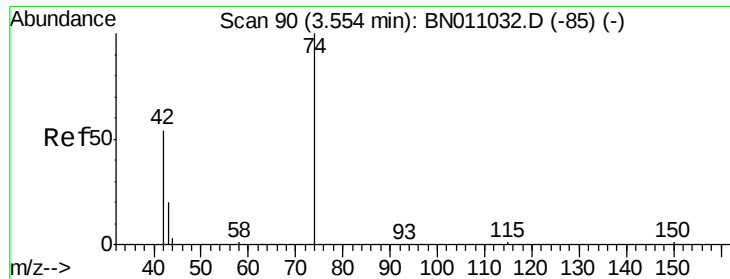
1,4-Dioxane
Concen: 0.452 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.00 min
Lab File: BN011037.D
Acq: 23 Jun 2020 18:51

Tgt Ion: 88 Resp: 1399
Ion Ratio Lower Upper
88 100
58 51.8 38.4 57.6
43 18.4 14.2 21.4



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

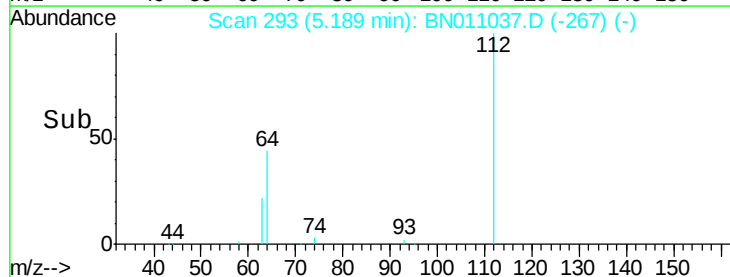
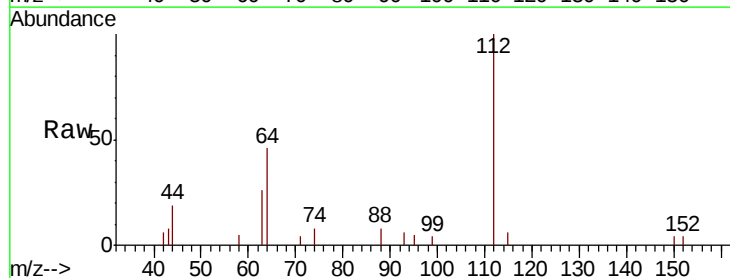
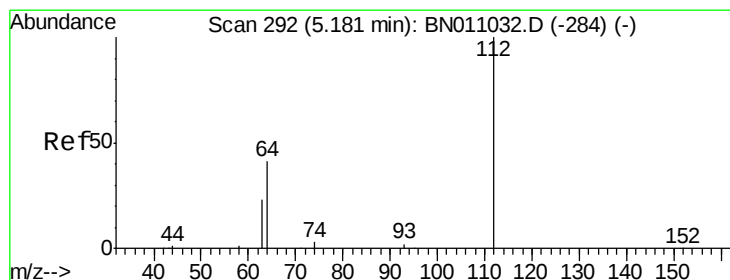
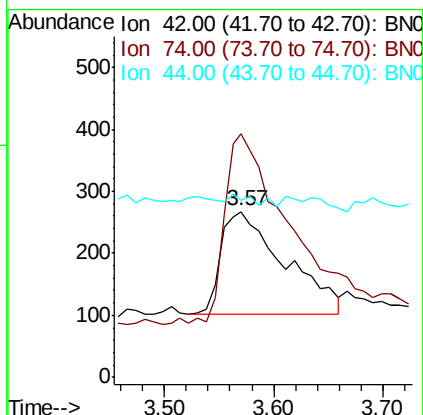




#3
n-Nitrosodimethylamine
Concen: 0.388 ng
RT: 3.57 min Scan# 92
Delta R.T. 0.02 min
Lab File: BN011037.D
Acq: 23 Jun 2020 18:51

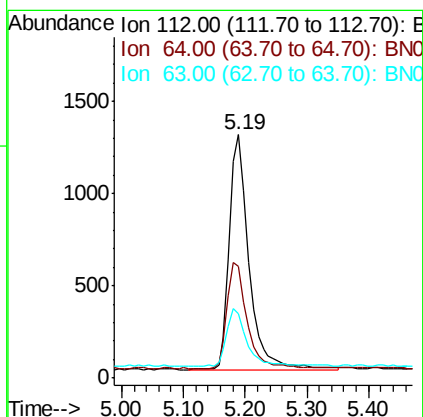
Instrument :
BNA_N
ClientSampleId :
ICVBN062320

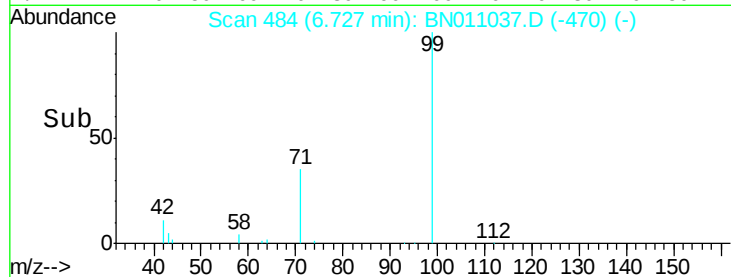
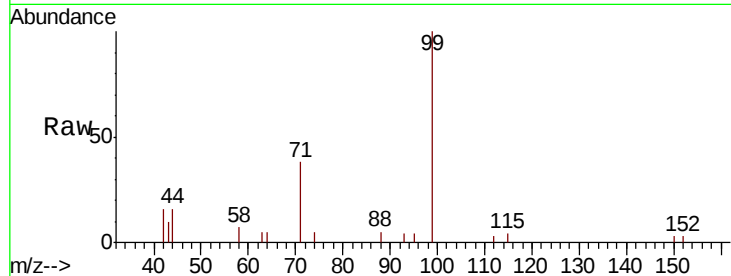
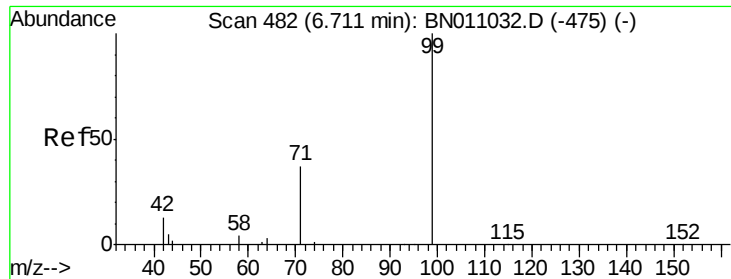
Tot Ion: 42 Resp: 670
Ion Ratio Lower Upper
42 100
74 182.4 154.8 232.2
44 2.7 4.8 7.2#



#4
2-Fluorophenol
Concen: 0.429 ng
RT: 5.19 min Scan# 293
Delta R.T. 0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 18:51

Tgt Ion: 112 Resp: 2779
Ion Ratio Lower Upper
112 100
64 46.5 37.3 55.9
63 24.8 20.4 30.6





#5

Phenol-d6

Concen: 0.427 ng

RT: 6.73 min Scan# 484

Delta R.T. 0.02 min

Lab File: BN011037.D

Acq: 23 Jun 2020 18:51

Instrument :

BNA_N

ClientSampleId :

ICVBN062320

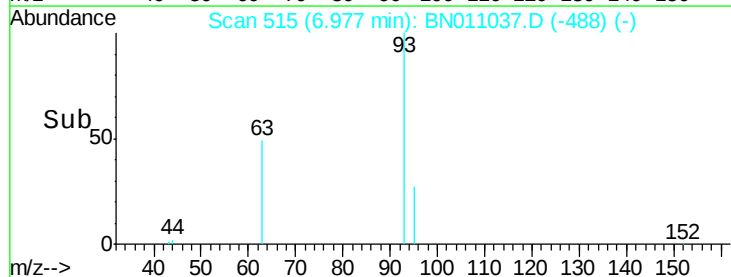
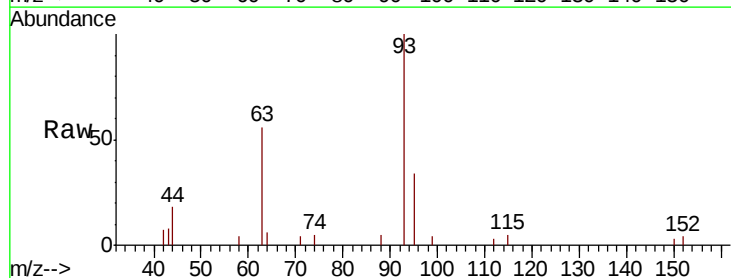
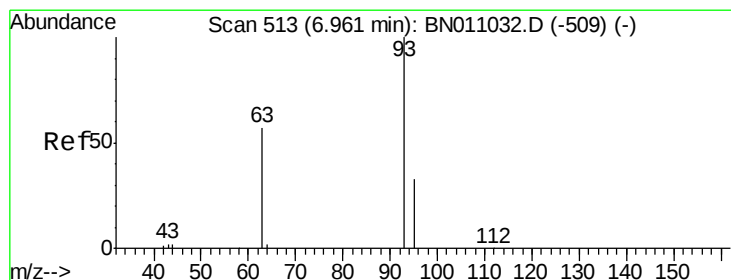
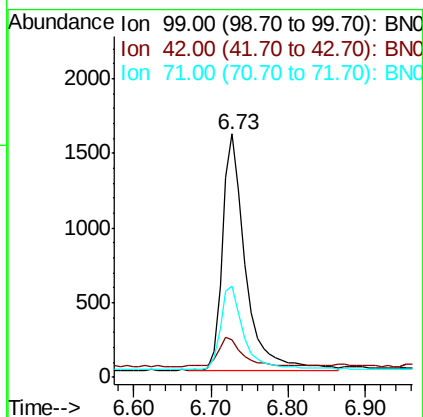
Tot Ion: 99 Resp: 3275

Ion Ratio Lower Upper

99 100

42 13.6 10.6 16.0

71 37.0 28.7 43.1



#6

bis(2-Chloroethyl)ether

Concen: 0.437 ng

RT: 6.98 min Scan# 515

Delta R.T. 0.02 min

Lab File: BN011037.D

Acq: 23 Jun 2020 18:51

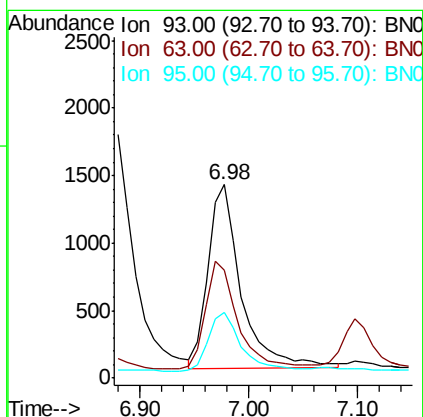
Tgt Ion: 93 Resp: 2899

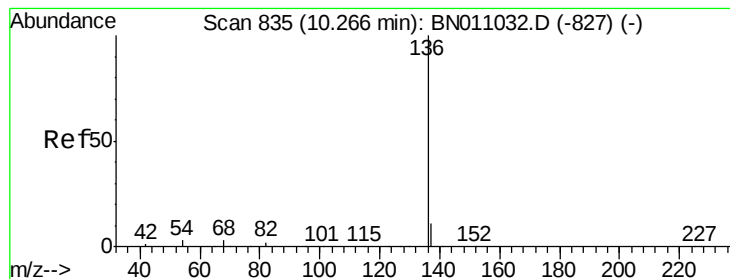
Ion Ratio Lower Upper

93 100

63 56.0 43.7 65.5

95 31.4 25.3 37.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 18:51

Instrument :

BNA_N

ClientSampleId :

ICVBN062320

Tot Ion:136 Resp: 8389

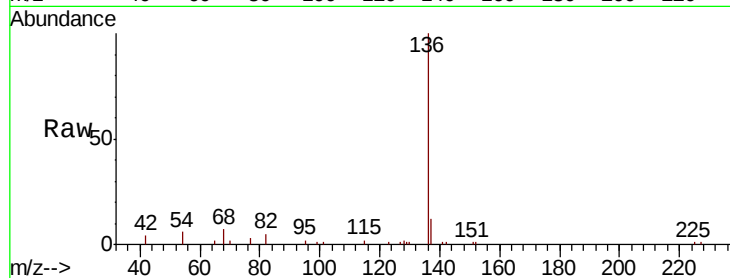
Ion Ratio Lower Upper

136 100

137 12.2 9.6 14.4

54 6.2 3.0 4.4#

68 6.9 3.4 5.2#

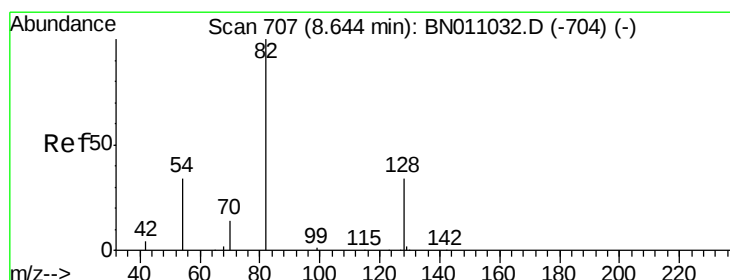
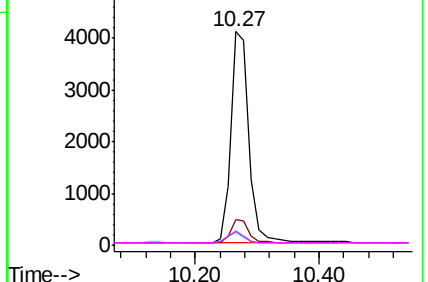
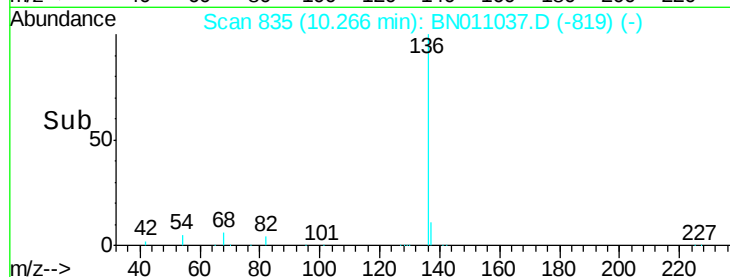


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.359 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 18:51

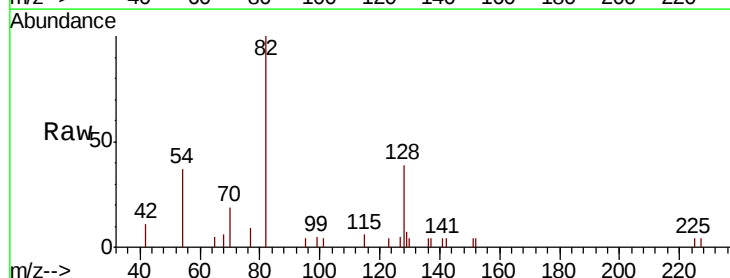
Tgt Ion: 82 Resp: 2741

Ion Ratio Lower Upper

82 100

128 38.9 29.4 44.2

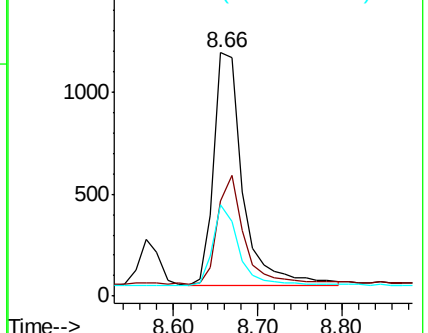
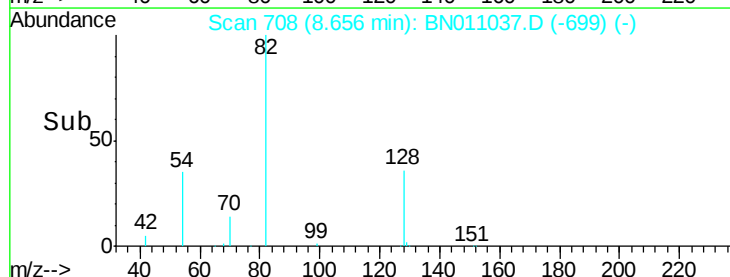
54 37.4 28.8 43.2

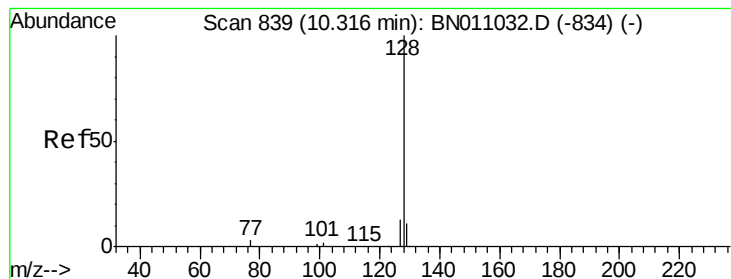


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.385 ng

RT: 10.32 min Scan# 839

Delta R.T. -0.00 min

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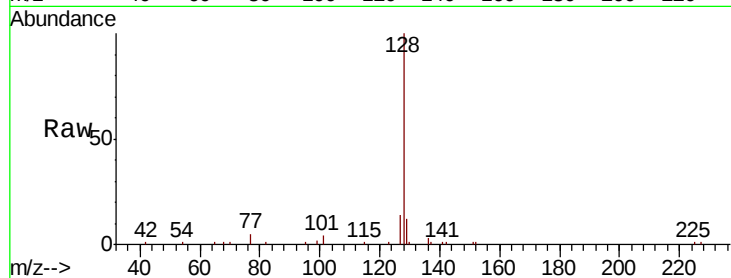
Tot Ion:128 Resp: 9811

Ion Ratio Lower Upper

128 100

129 11.7 9.8 14.6

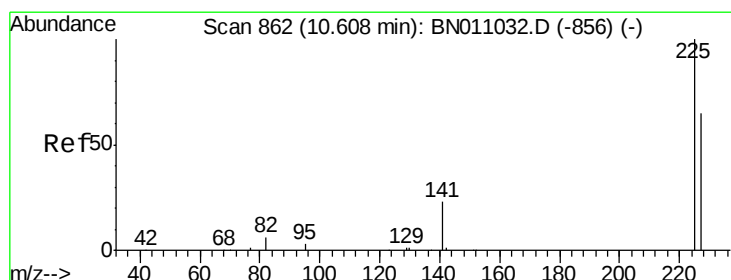
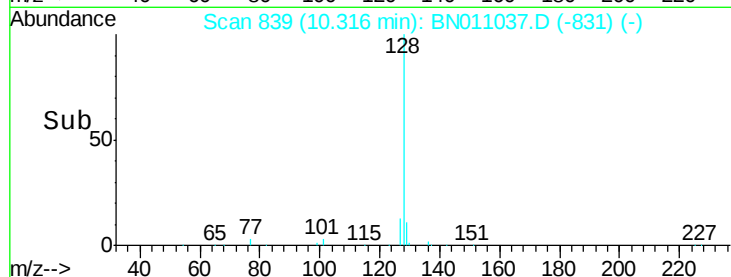
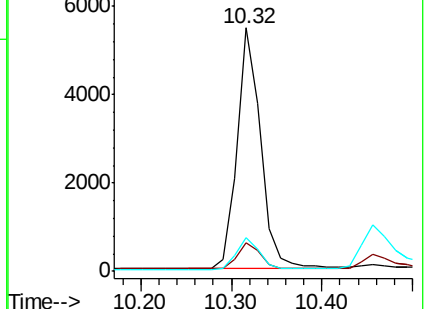
127 13.8 10.9 16.3



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: 0.385 ng

RT: 10.62 min Scan# 863

Delta R.T. 0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 18:51

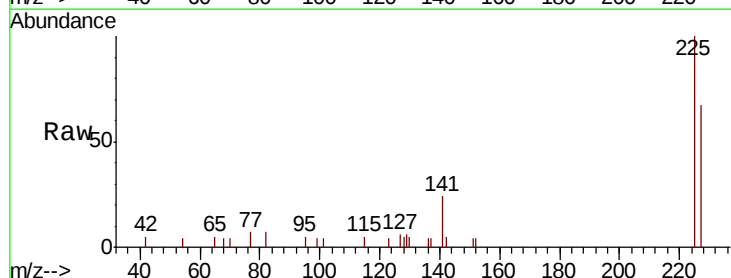
Tgt Ion:225 Resp: 2362

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

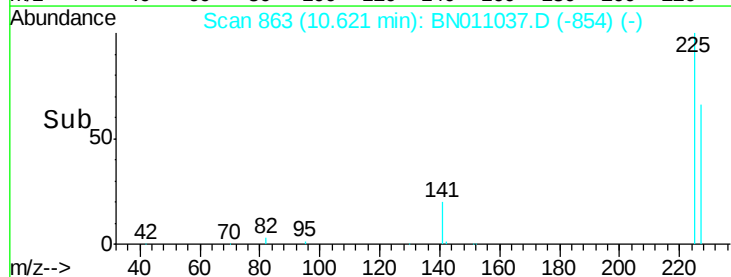
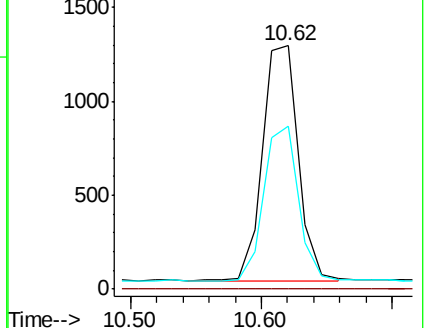
227 64.0 51.7 77.5

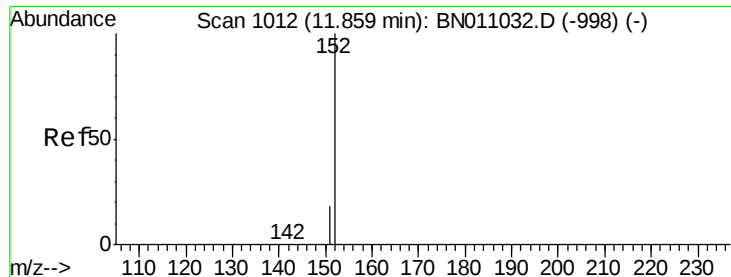


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.360 ng

RT: 11.87 min Scan# 1014

Delta R.T. 0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 18:51

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ClientSampleId :

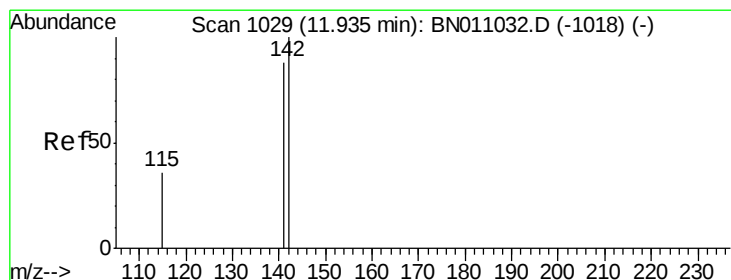
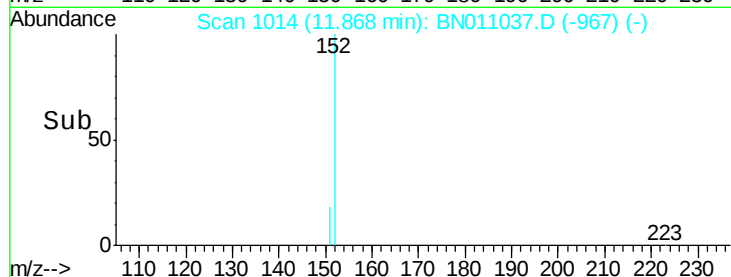
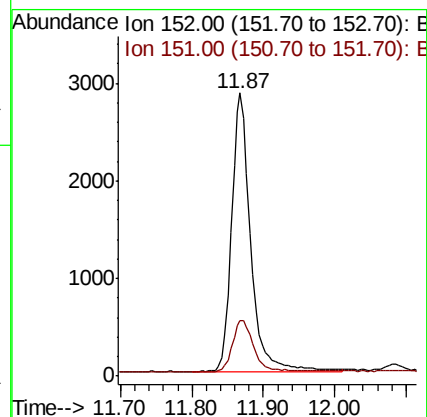
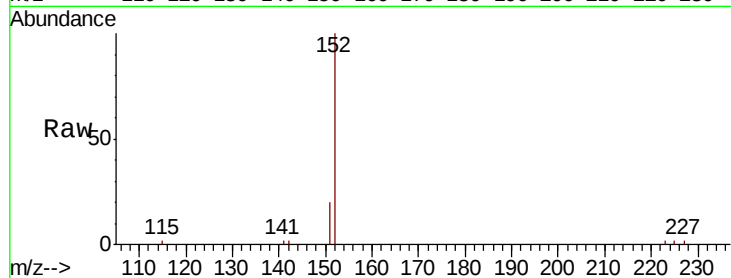
ICVBN062320

Tot Ion:152 Resp: 5335

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4



#12

2-Methylnaphthalene

Concen: 0.366 ng

RT: 11.94 min Scan# 1031

Delta R.T. 0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 18:51

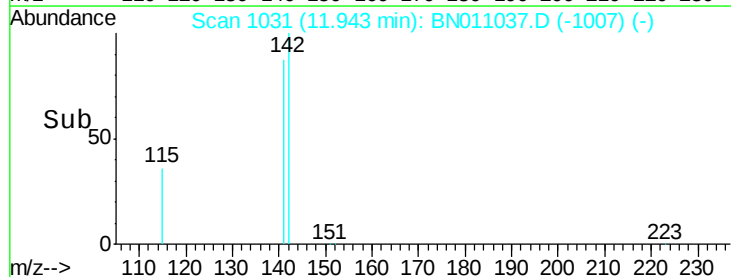
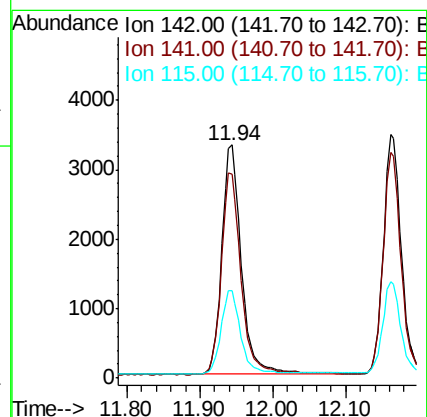
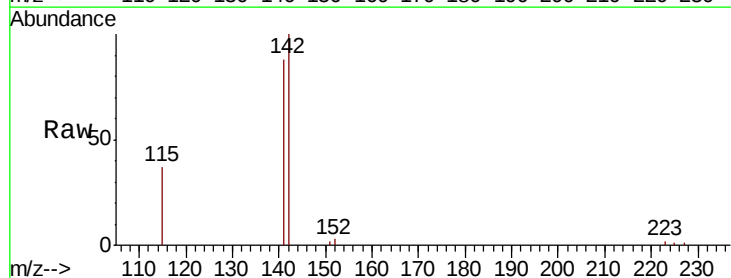
Tgt Ion:142 Resp: 6251

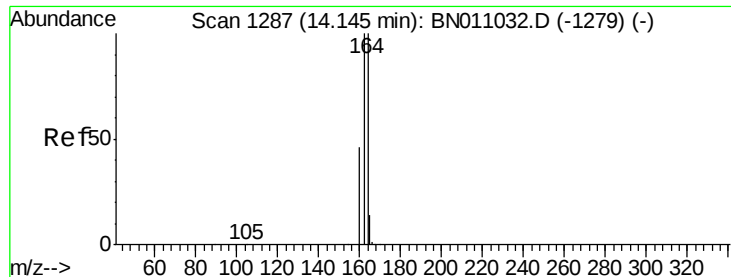
Ion Ratio Lower Upper

142 100

141 87.6 70.6 106.0

115 37.4 30.2 45.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.14 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 18:51

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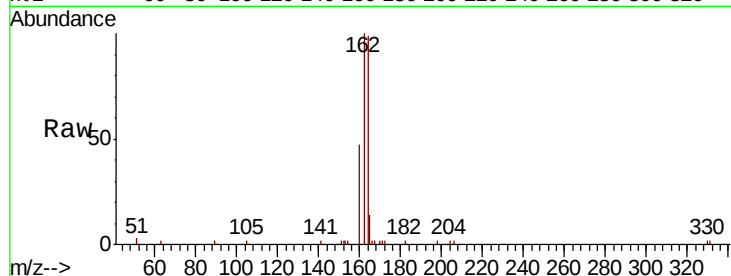
Tot Ion:164 Resp: 4105

Ion Ratio Lower Upper

164 100

162 101.2 80.2 120.4

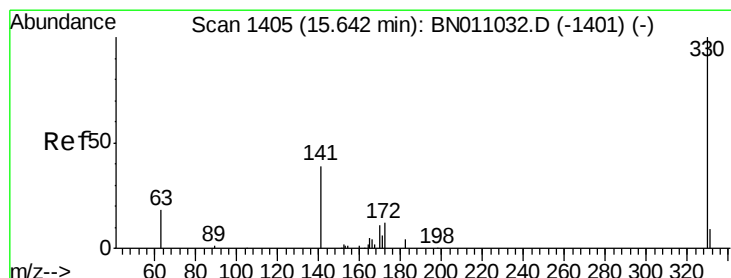
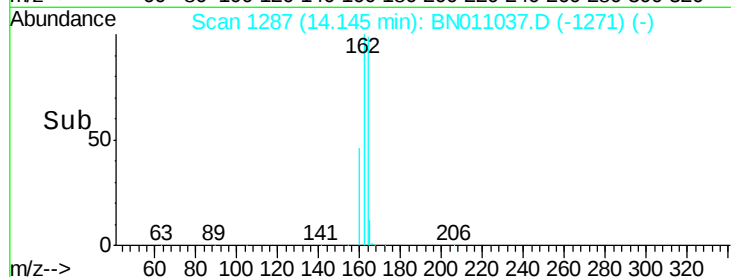
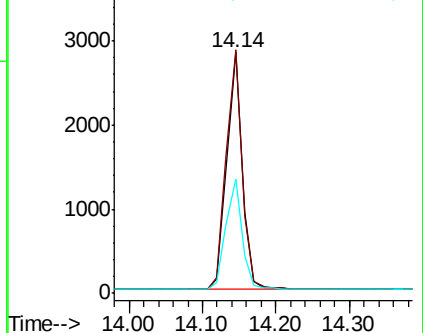
160 47.4 37.7 56.5



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: 0.381 ng

RT: 15.65 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 18:51

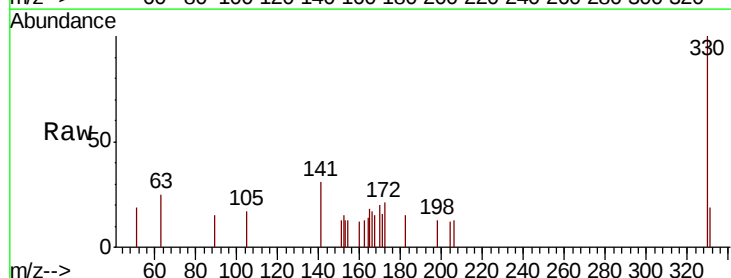
Tgt Ion:330 Resp: 687

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

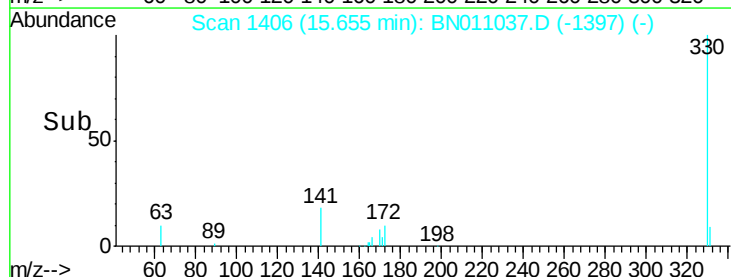
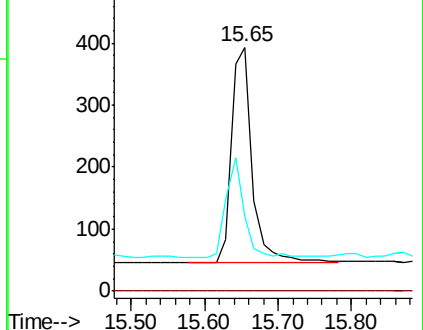
141 40.6 34.5 51.7

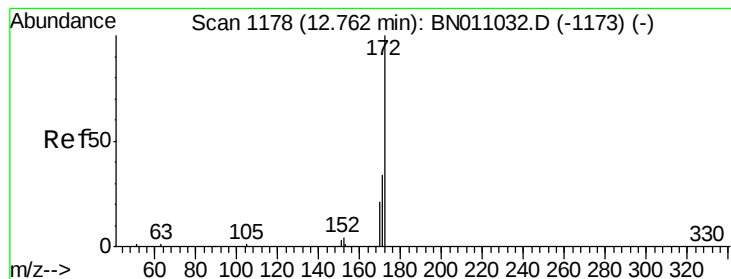


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.421 ng

RT: 12.76 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 18:51

Instrument :

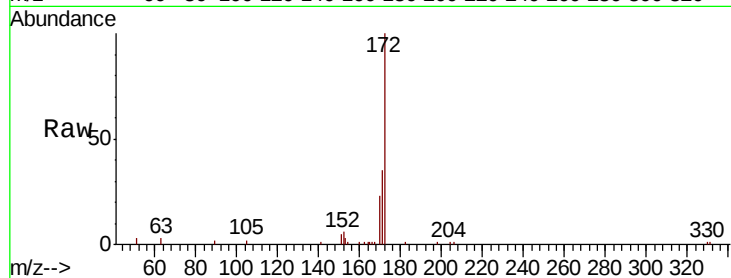
BNA_N

ClientSampleId :

ICVBN062320

Tot Ion:172 Resp: 8059

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.4	41.2
170	23.4	17.5	26.3

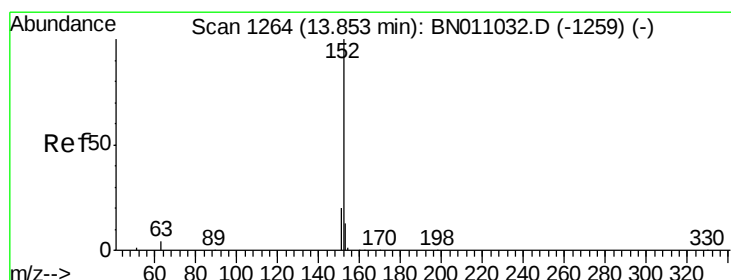
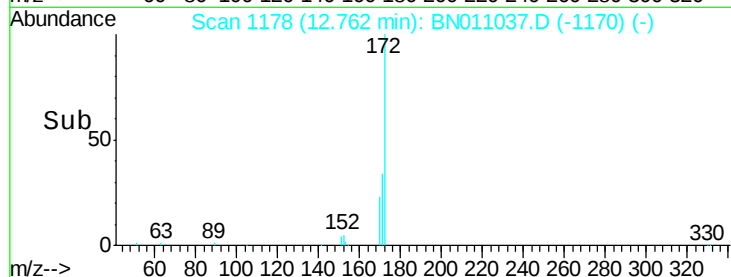
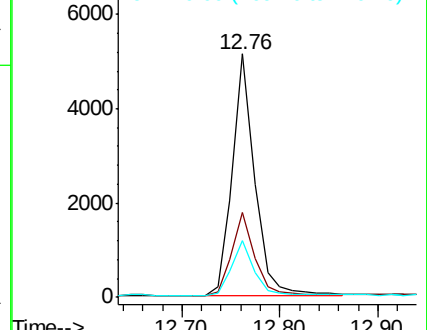


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.413 ng

RT: 13.85 min Scan# 1264

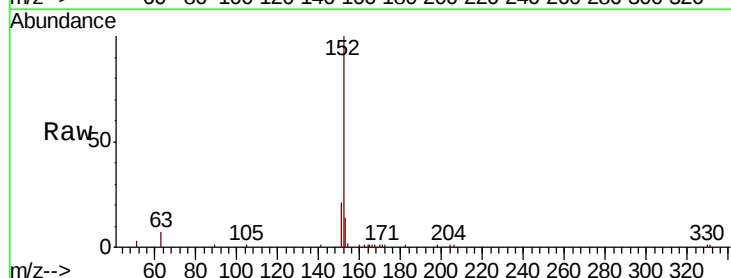
Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 18:51

Tgt Ion:152 Resp: 8546

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.6	23.4
153	13.2	10.2	15.2

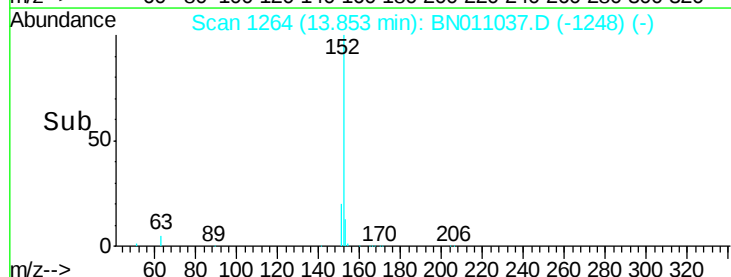
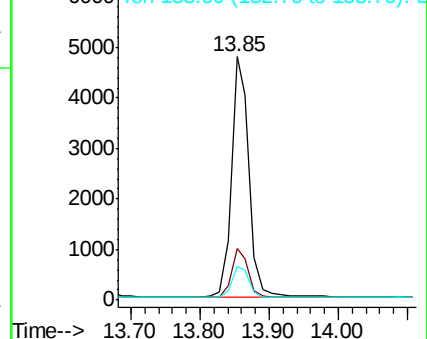


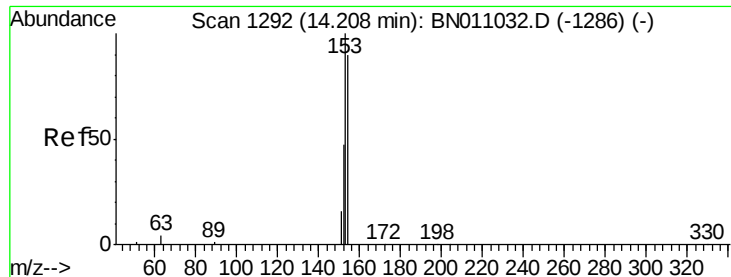
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.409 ng

RT: 14.21 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 18:51

Instrument :

BNA_N

ClientSampleId :

ICVBN062320

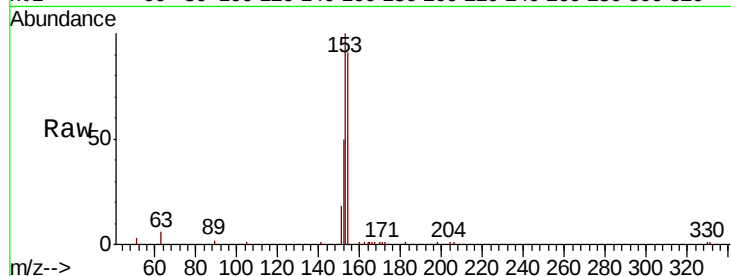
Tot Ion:154 Resp: 5685

Ion Ratio Lower Upper

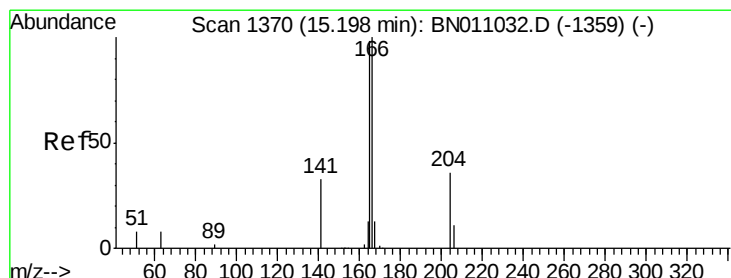
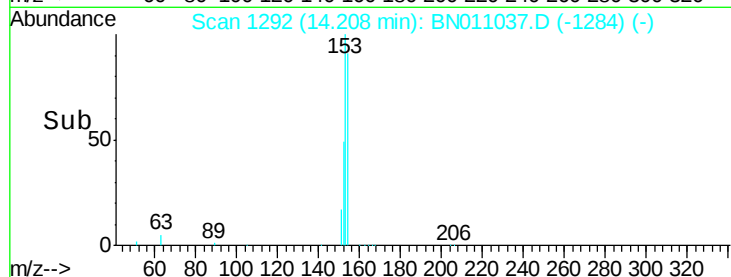
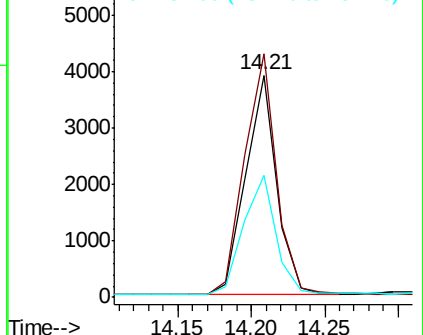
154 100

153 113.2 92.3 138.5

152 57.2 45.5 68.3



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: 0.400 ng

RT: 15.20 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 18:51

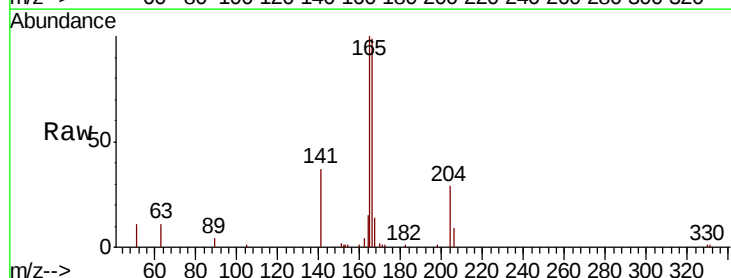
Tgt Ion:166 Resp: 7090

Ion Ratio Lower Upper

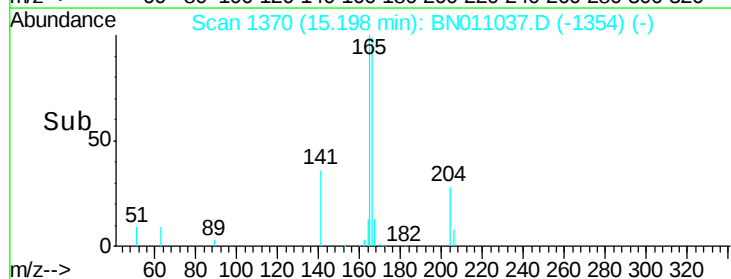
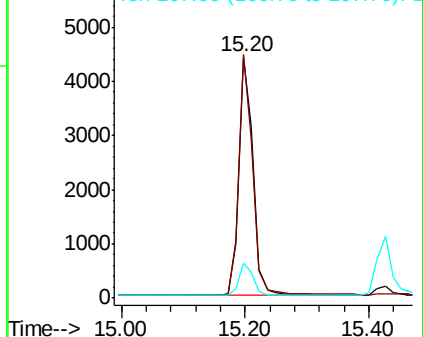
166 100

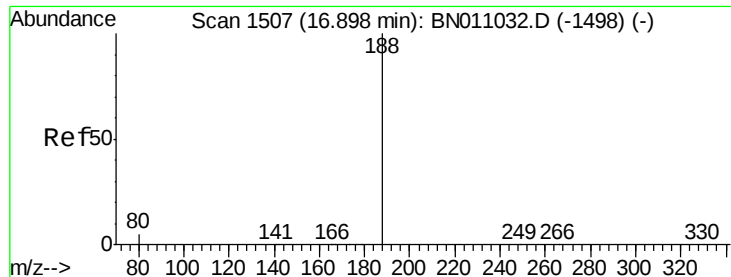
165 97.9 77.8 116.8

167 13.8 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: 16.90 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 18:51

Instrument :

BNA_N

ClientSampleId :

ICVBN062320

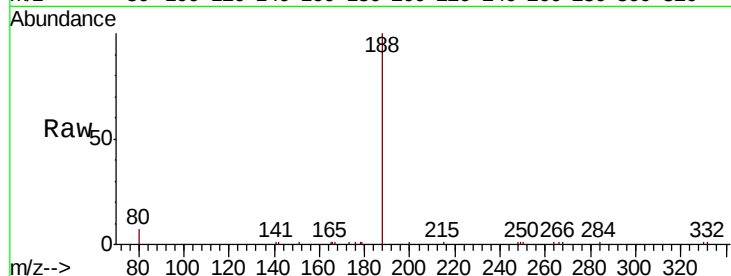
Tot Ion:188 Resp: 8049

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

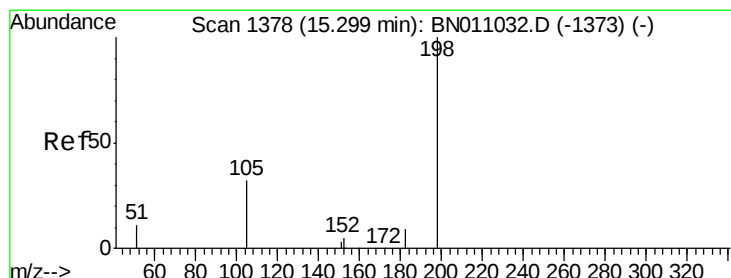
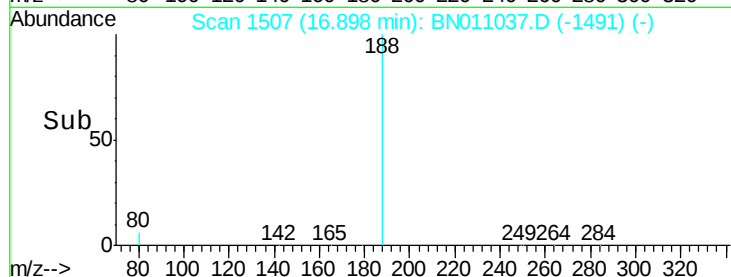
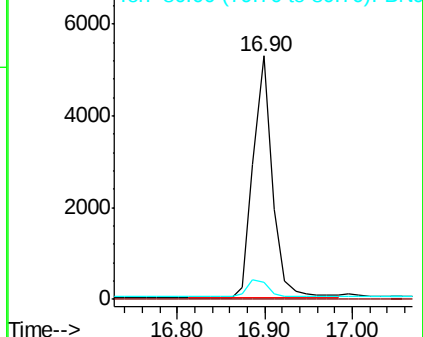
80 6.9 4.6 7.0



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

4,6-Dinitro-2-methylphenol

Concen: 0.357 ng

RT: 15.31 min Scan# 1379

Delta R.T. 0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 18:51

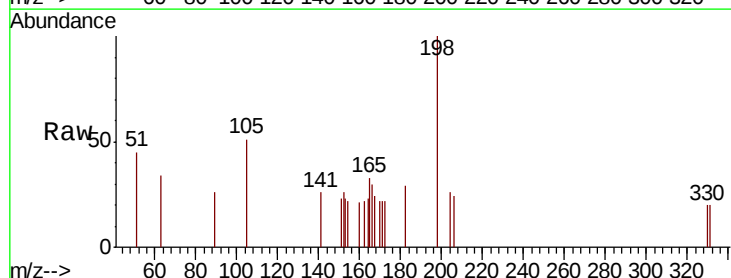
Tgt Ion:198 Resp: 481

Ion Ratio Lower Upper

198 100

51 45.3 29.5 44.3#

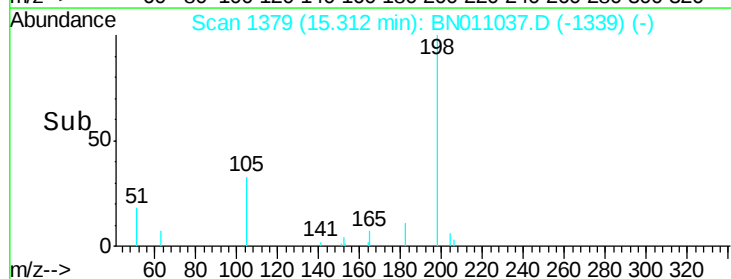
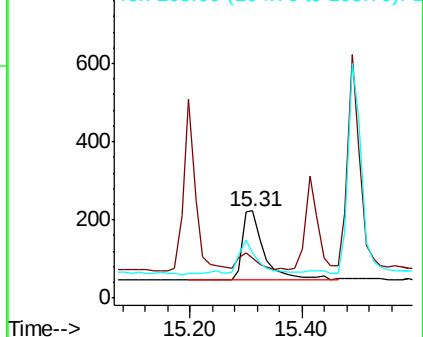
105 51.1 39.2 58.8

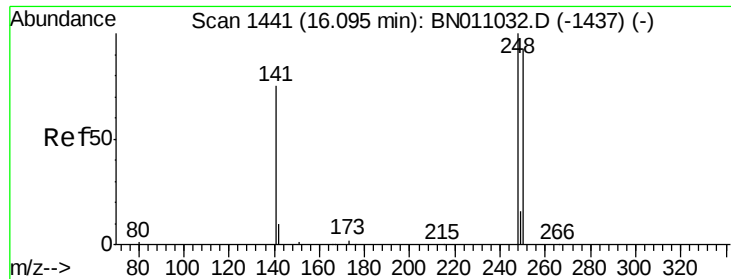


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

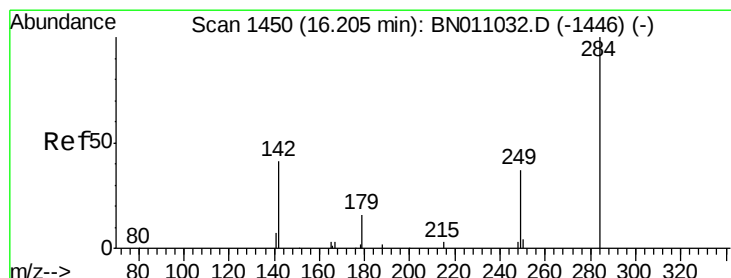
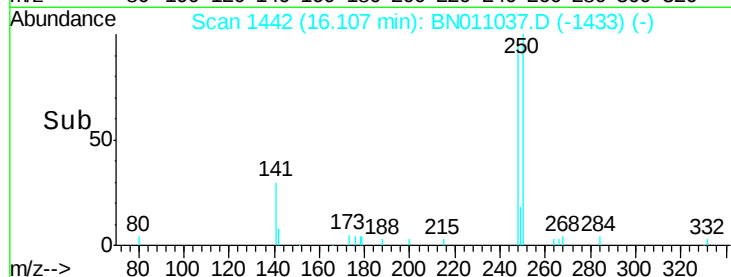
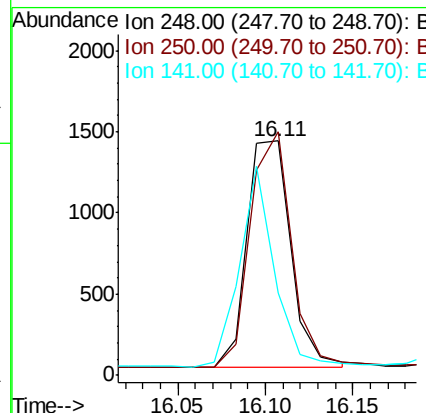
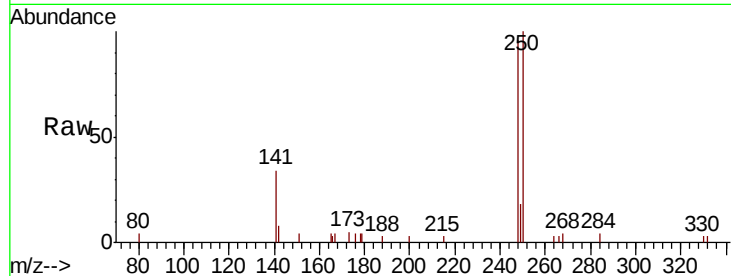




#21
4-Bromophenyl-phenylether
Concen: 0.438 ng
RT: 16.11 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 18:51

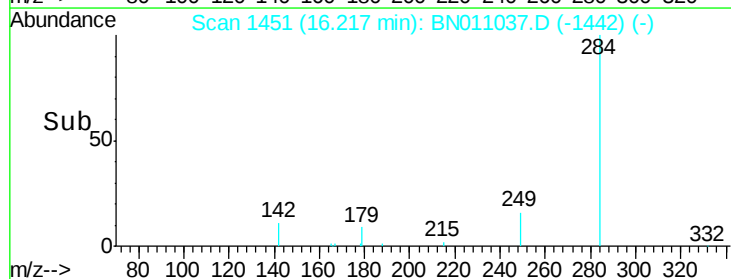
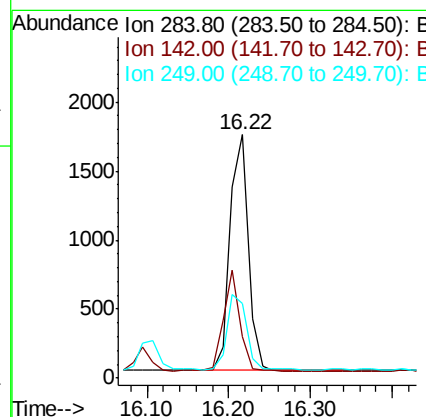
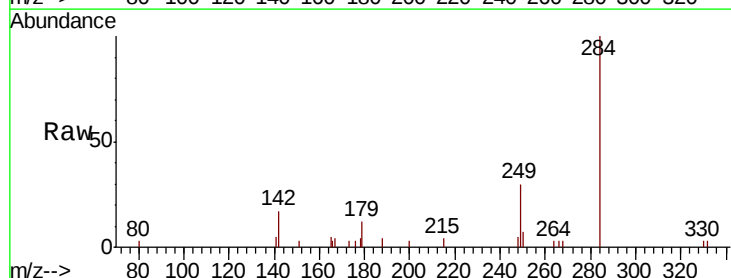
Instrument :
BNA_N
ClientSampleId :
ICVBN062320

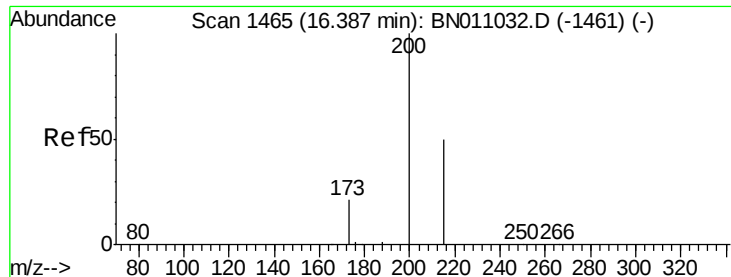
Tot Ion:248 Resp: 2440
Ion Ratio Lower Upper
248 100
250 104.0 74.6 111.8
141 35.2 60.9 91.3#



#22
Hexachlorobenzene
Concen: 0.433 ng
RT: 16.22 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 18:51

Tgt Ion:284 Resp: 2665
Ion Ratio Lower Upper
284 100
142 38.9 30.4 45.6
249 34.1 27.0 40.4





#23

Atrazine

Concen: 0.408 ng

RT: 16.39 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 18:51

Instrument :

BNA_N

ClientSampleId :

ICVBN062320

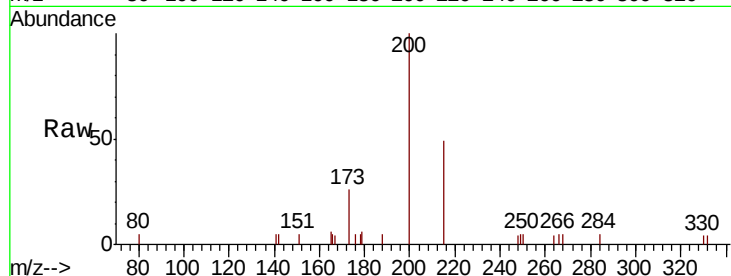
Tot Ion:200 Resp: 1677

Ion Ratio Lower Upper

200 100

173 26.1 19.4 29.2

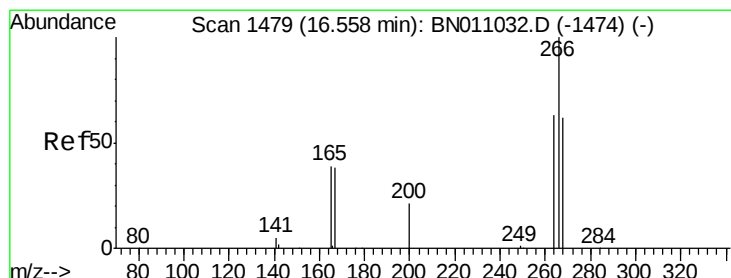
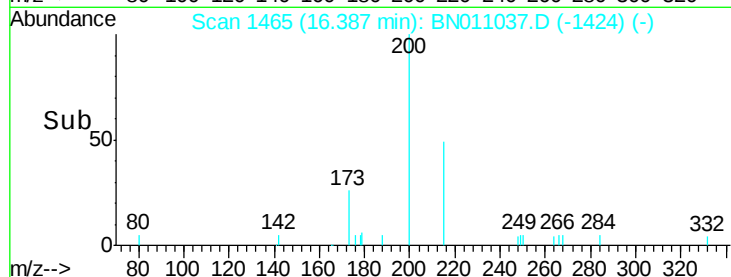
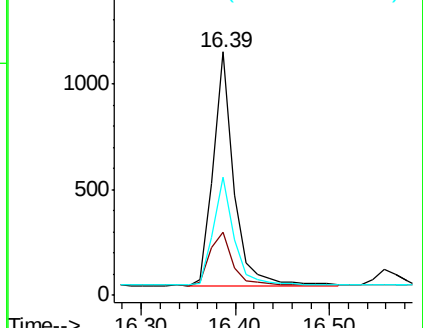
215 48.6 41.5 62.3



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: 0.407 ng

RT: 16.57 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 18:51

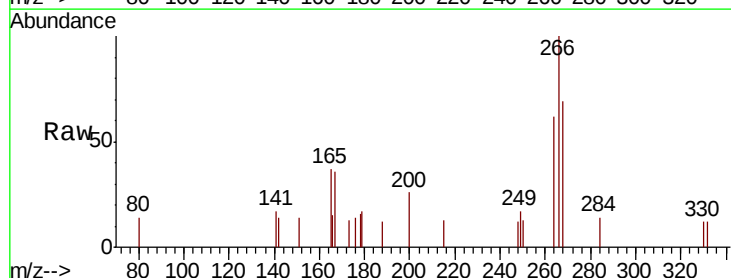
Tgt Ion:266 Resp: 792

Ion Ratio Lower Upper

266 100

264 58.2 51.4 77.0

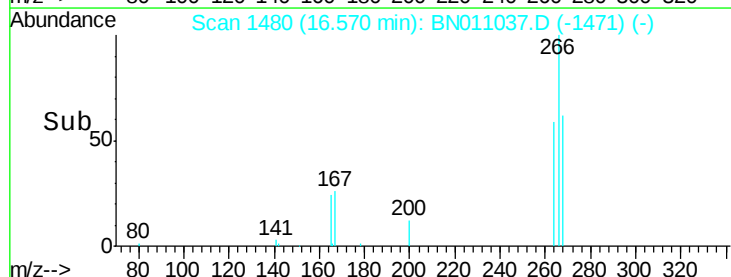
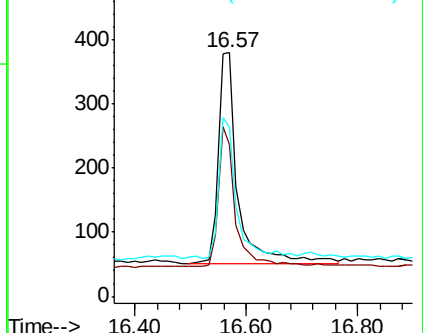
268 62.0 54.9 82.3

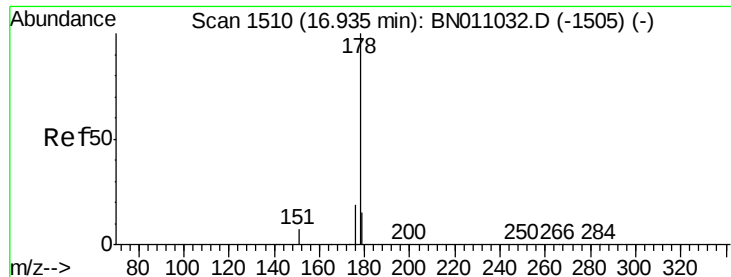


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.407 ng

RT: 16.93 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 18:51

Instrument :

BNA_N

ClientSampleId :

ICVBN062320

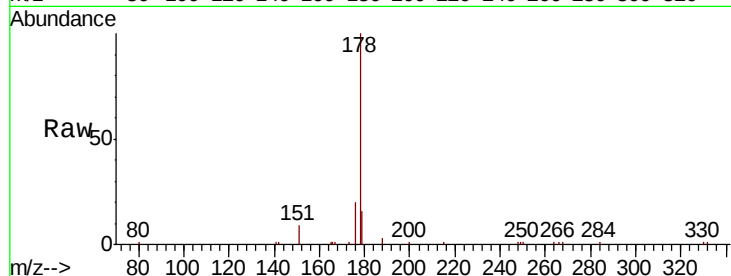
Tot Ion:178 Resp: 11039

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

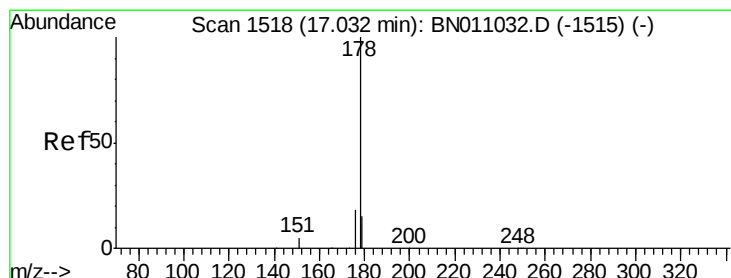
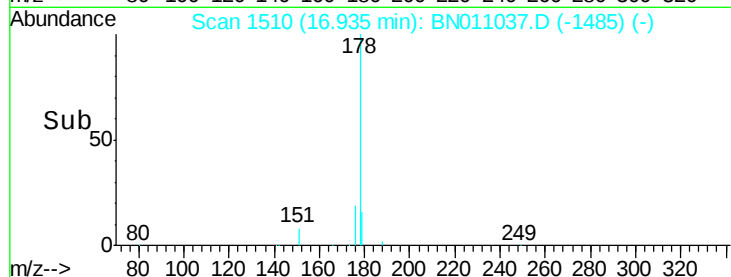
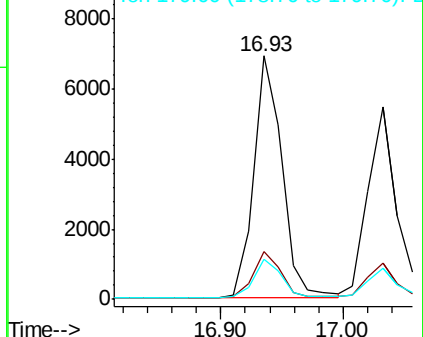
179 15.6 12.3 18.5



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: 0.404 ng

RT: 17.03 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 18:51

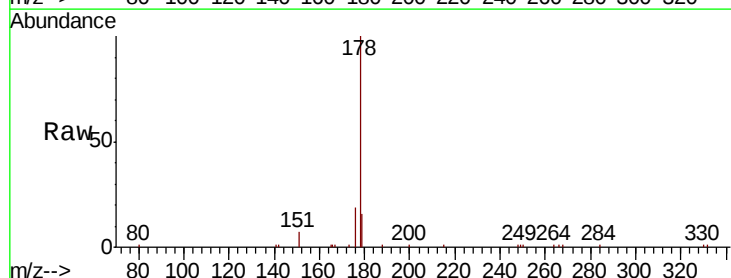
Tgt Ion:178 Resp: 9101

Ion Ratio Lower Upper

178 100

176 17.8 14.7 22.1

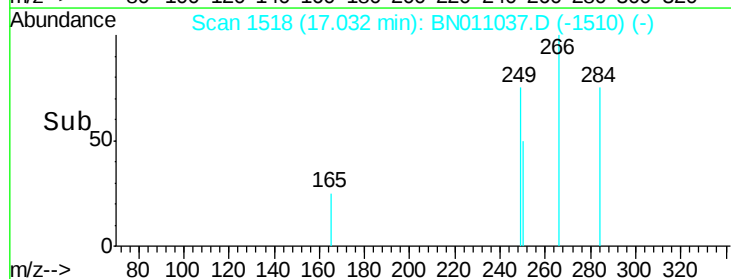
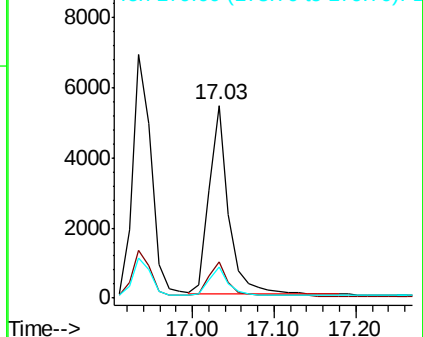
179 15.3 12.2 18.4

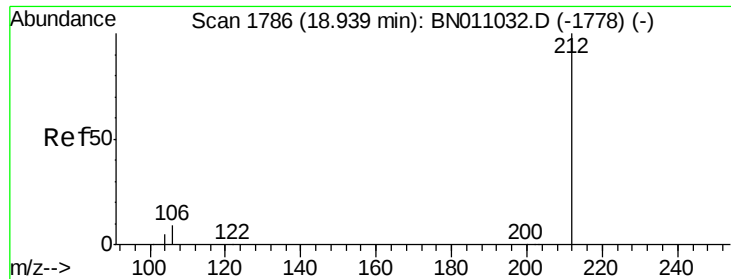


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

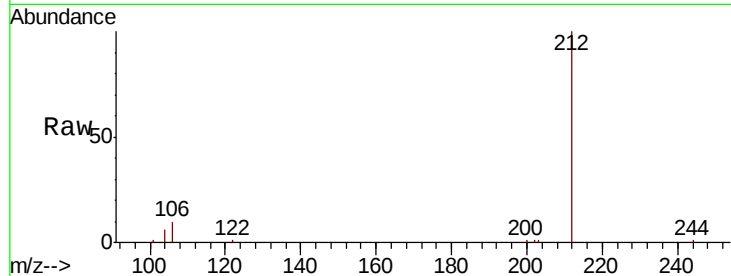




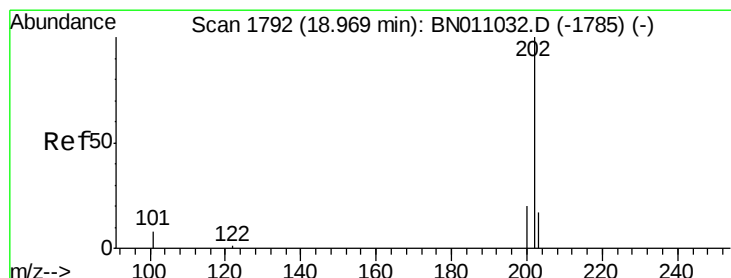
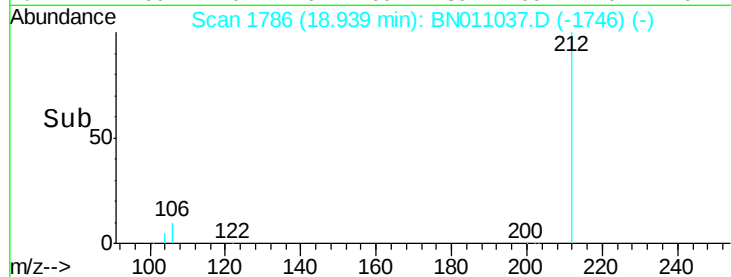
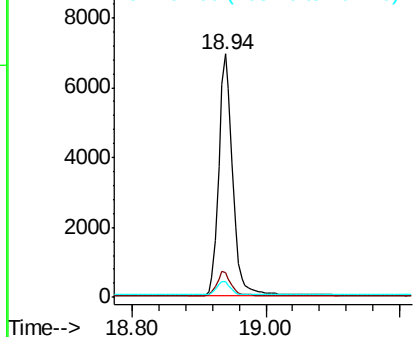
#27
 Fluoranthene-d10
 Concen: 0.396 ng
 RT: 18.94 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BN011037.D
 Acq: 23 Jun 2020 18:51

Instrument :
 BNA_N
 ClientSampleId :
 ICVBN062320

Tot Ion:212 Resp: 10081
 Ion Ratio Lower Upper
 212 100
 106 9.8 7.7 11.5
 104 5.7 4.6 6.8

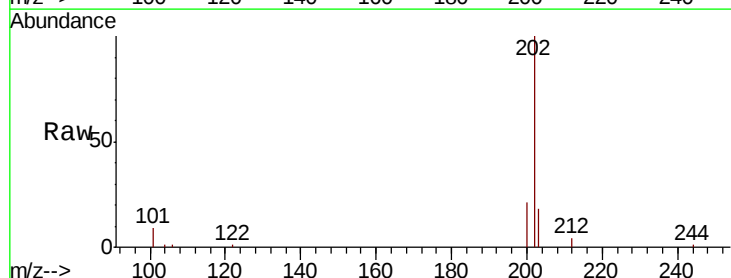


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

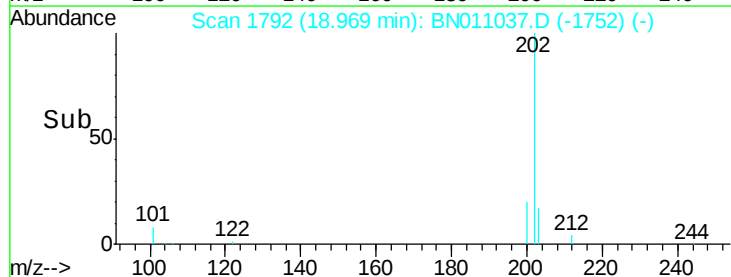
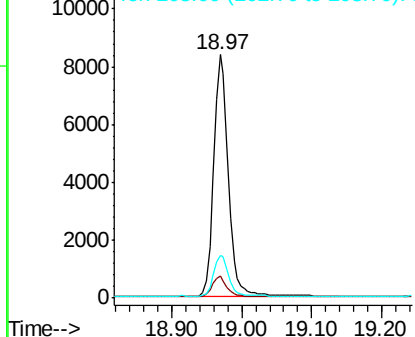


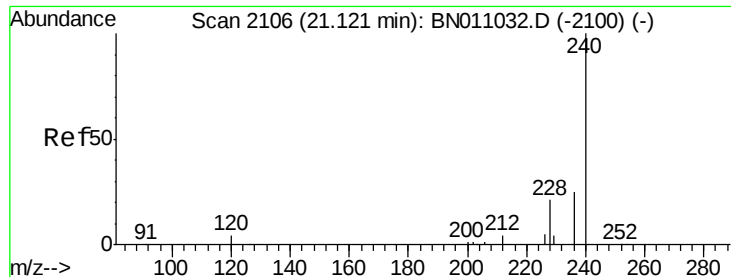
#28
 Fluoranthene
 Concen: 0.393 ng
 RT: 18.97 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BN011037.D
 Acq: 23 Jun 2020 18:51

Tgt Ion:202 Resp: 12176
 Ion Ratio Lower Upper
 202 100
 101 8.4 6.6 10.0
 203 17.0 13.8 20.6



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

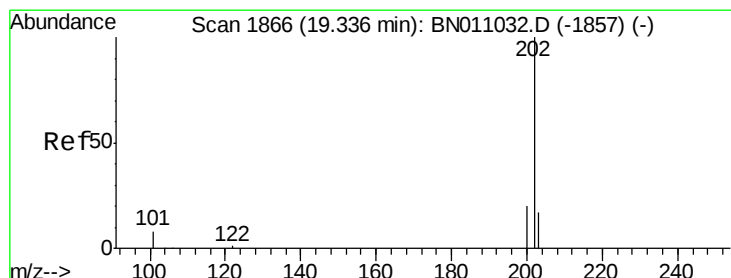
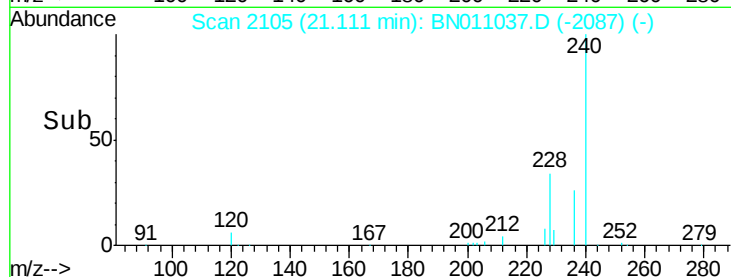
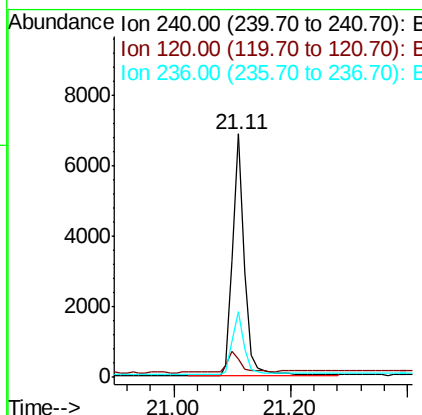
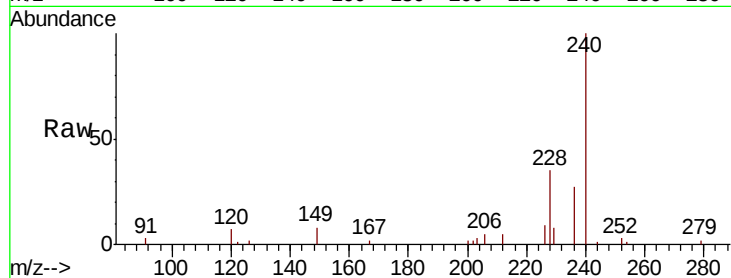




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 18:51

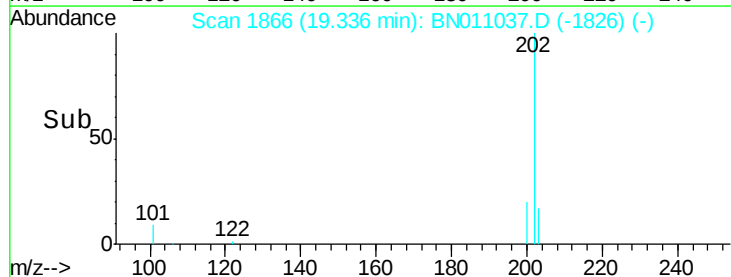
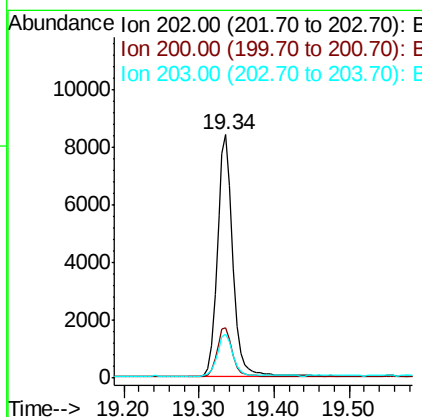
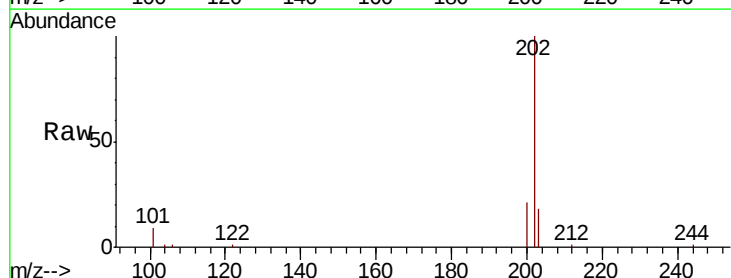
Instrument :
BNA_N
ClientSampleId :
ICVBN062320

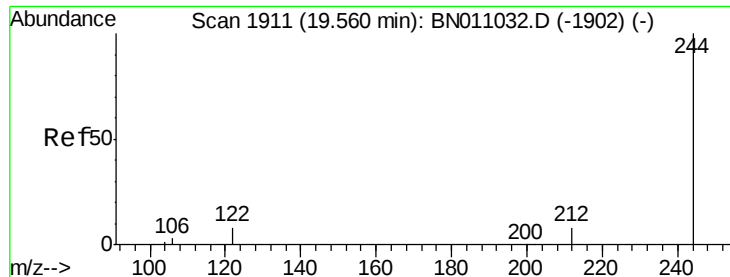
Tot Ion:240 Resp: 9469
Ion Ratio Lower Upper
240 100
120 7.4 5.4 8.0
236 26.8 21.4 32.2



#30
Pyrene
Concen: 0.335 ng
RT: 19.34 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BN011037.D
Acq: 23 Jun 2020 18:51

Tgt Ion:202 Resp: 12206
Ion Ratio Lower Upper
202 100
200 20.4 16.6 24.8
203 17.3 14.2 21.2





#31

Terphenyl-d14

Concen: 0.342 ng

RT: 19.55 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 18:51

Instrument :

BNA_N

ClientSampleId :

ICVBN062320

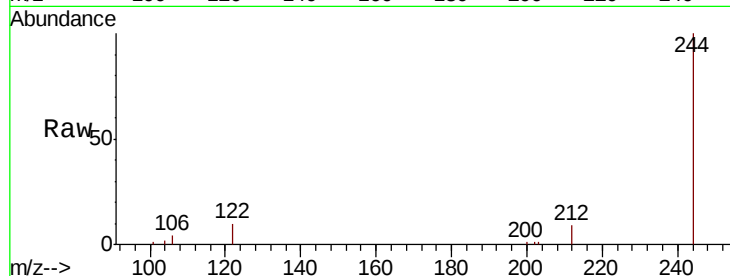
Tot Ion:244 Resp: 8689

Ion Ratio Lower Upper

244 100

212 8.7 6.9 10.3

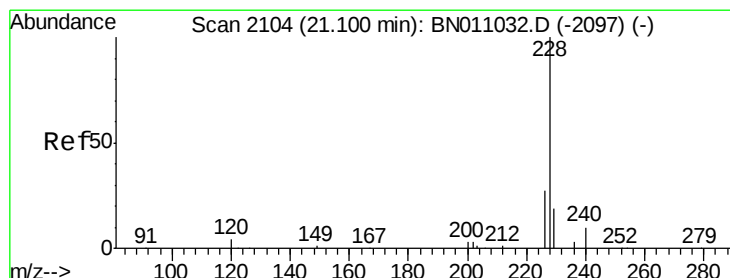
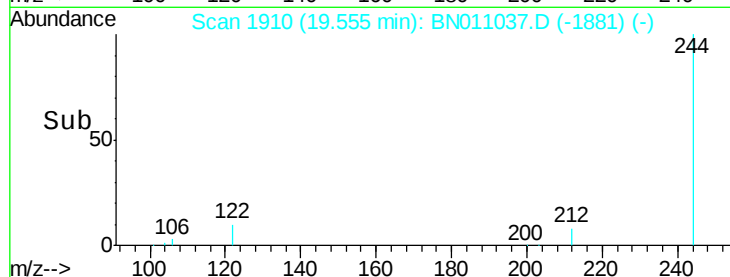
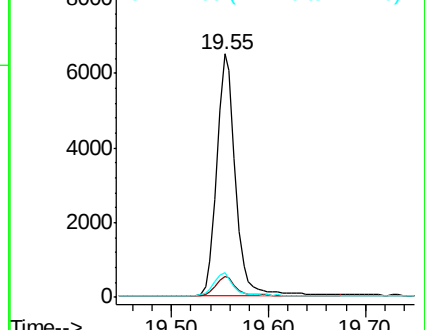
122 10.3 7.4 11.0



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



#32

Benzo(a)anthracene

Concen: 0.399 ng

RT: 21.09 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 18:51

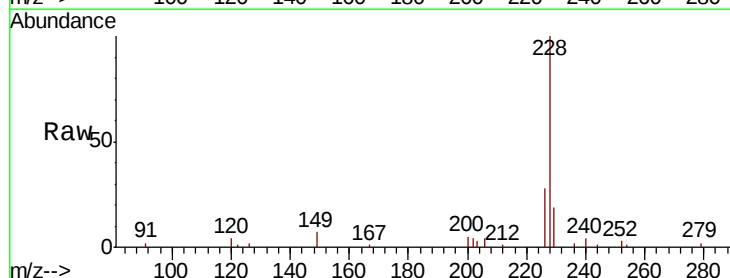
Tgt Ion:228 Resp: 13099

Ion Ratio Lower Upper

228 100

226 27.8 22.0 33.0

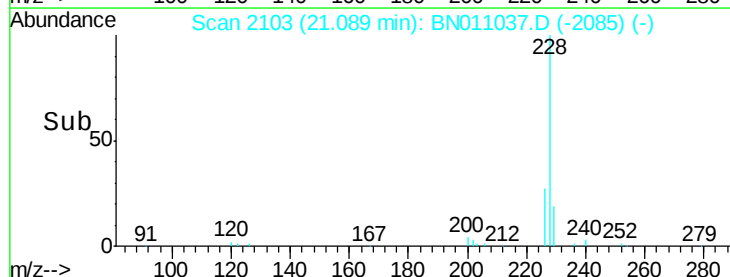
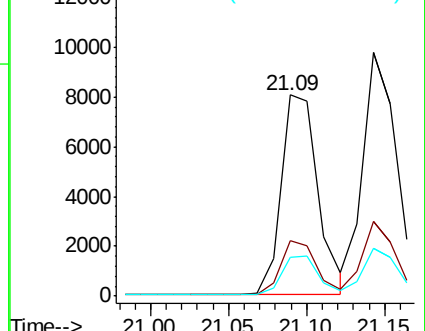
229 19.2 15.9 23.9

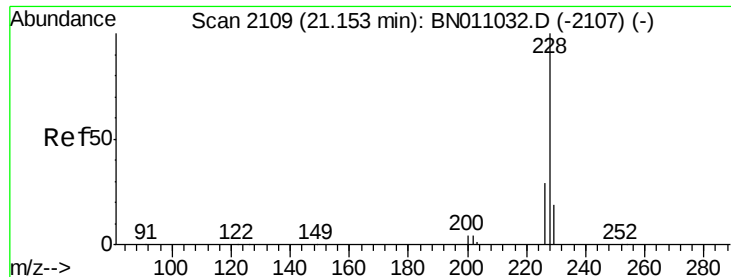


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.415 ng

RT: 21.14 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 18:51

Instrument :

BNA_N

ClientSampleId :

ICVBN062320

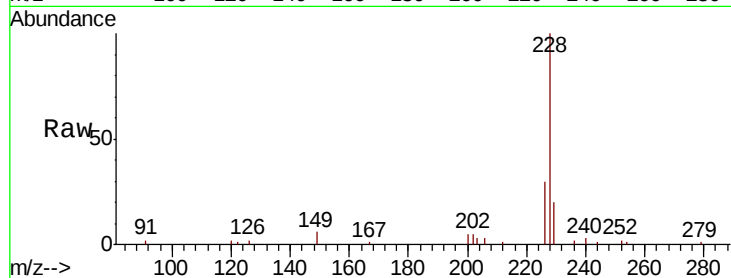
Tot Ion:228 Resp: 14838

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.6

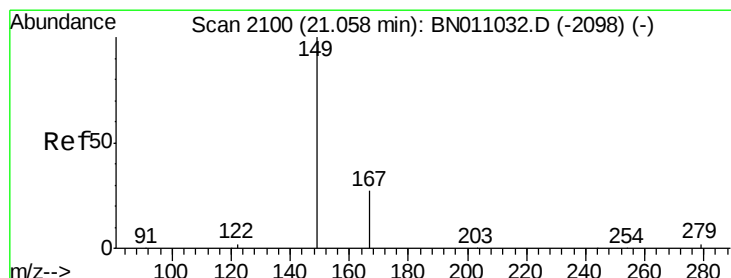
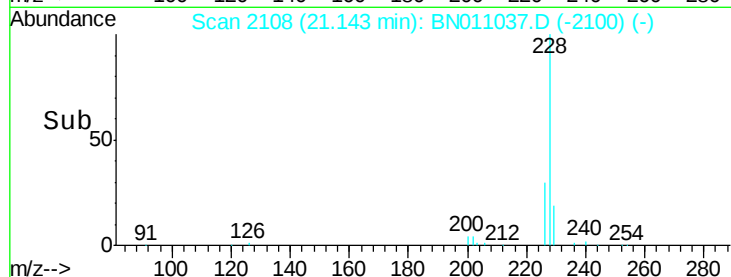
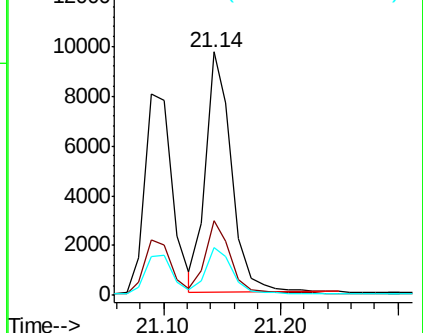
229 19.7 15.8 23.6



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: 0.327 ng

RT: 21.06 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 18:51

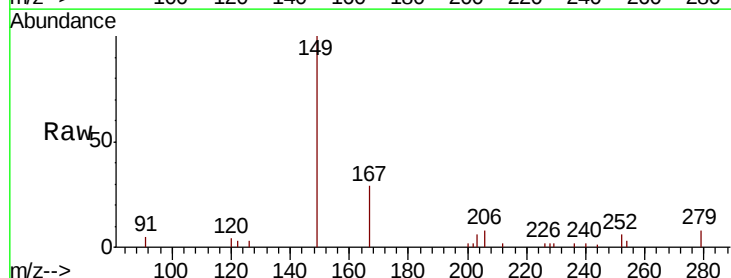
Tgt Ion:149 Resp: 4309

Ion Ratio Lower Upper

149 100

167 28.1 22.2 33.2

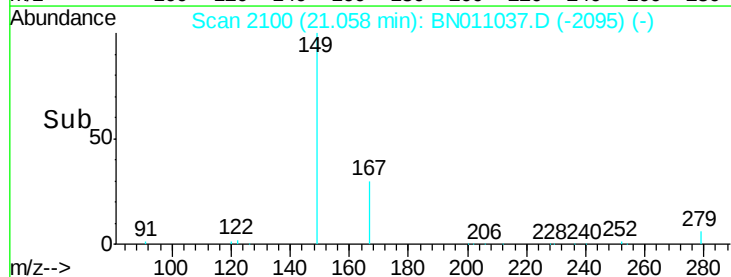
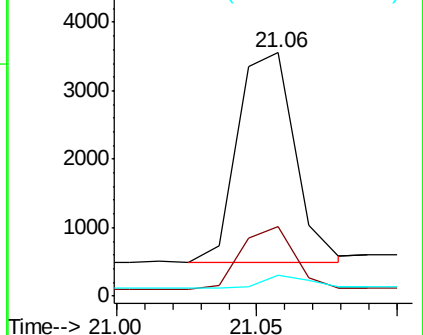
279 5.5 3.9 5.9

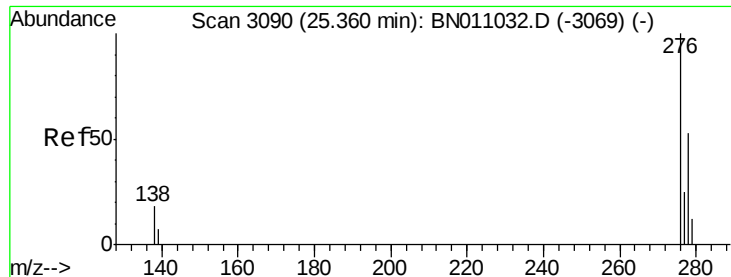


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

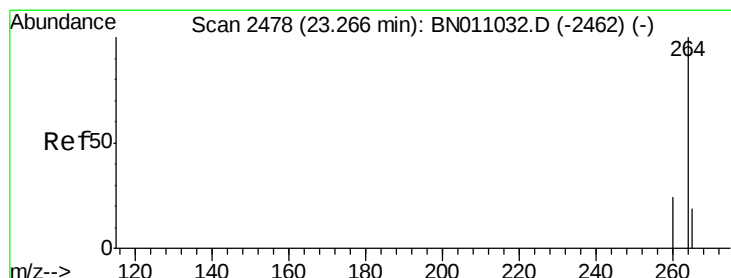
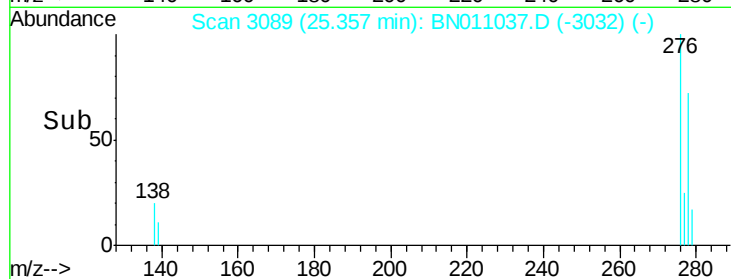
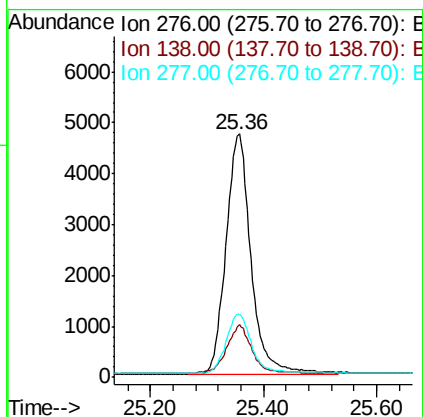
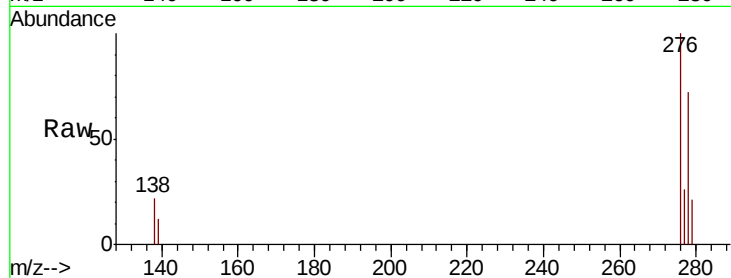




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.369 ng
 RT: 25.36 min Scan# 3089
 Delta R.T. -0.00 min
 Lab File: BN011037.D
 Acq: 23 Jun 2020 18:51

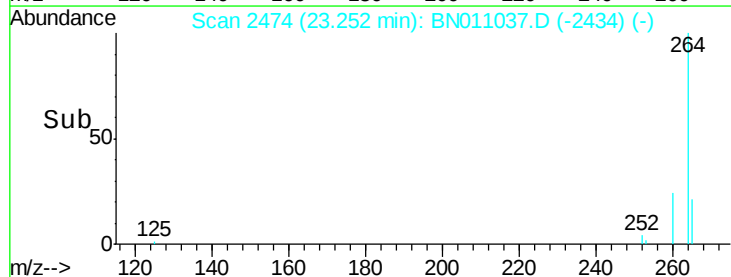
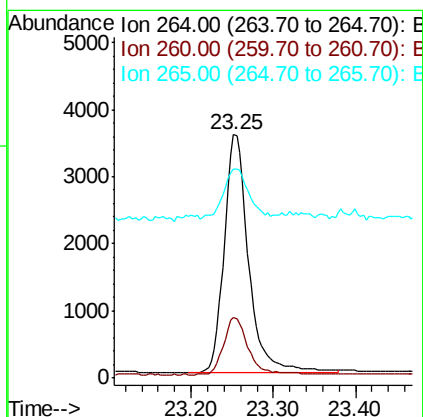
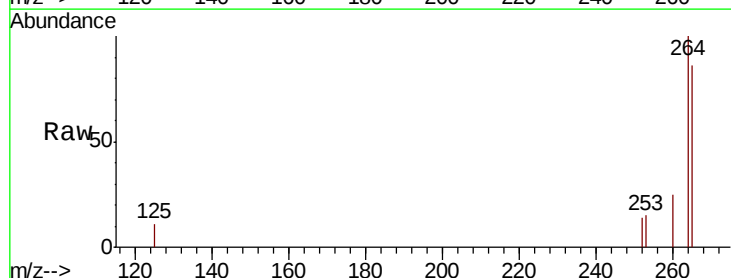
Instrument :
 BNA_N
 ClientSampleId :
 ICVBN062320

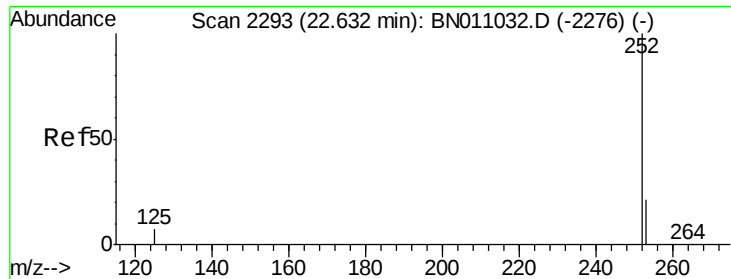
Tot Ion:276 Resp: 14668
 Ion Ratio Lower Upper
 276 100
 138 20.3 16.2 24.2
 277 24.6 19.9 29.9



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.25 min Scan# 2474
 Delta R.T. -0.01 min
 Lab File: BN011037.D
 Acq: 23 Jun 2020 18:51

Tgt Ion:264 Resp: 7300
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.0 30.0
 265 86.0 64.9 97.3

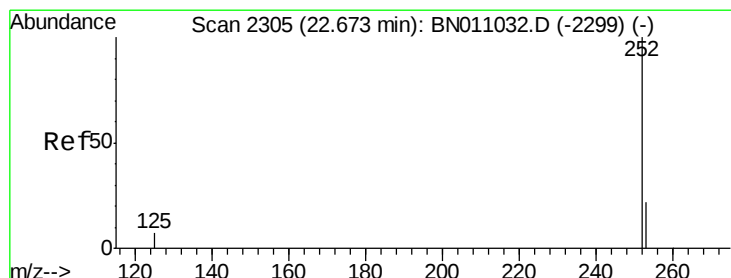
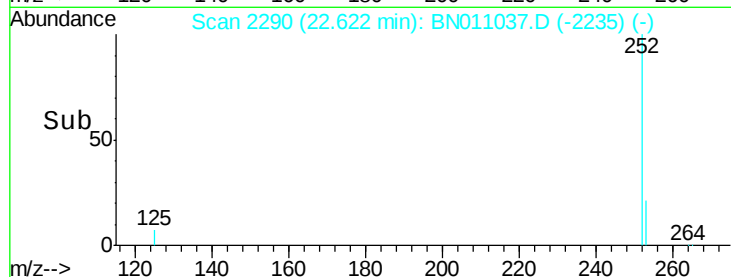
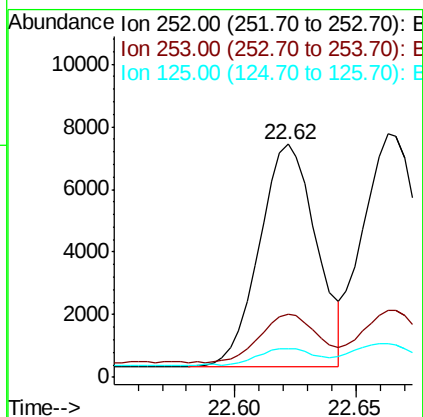
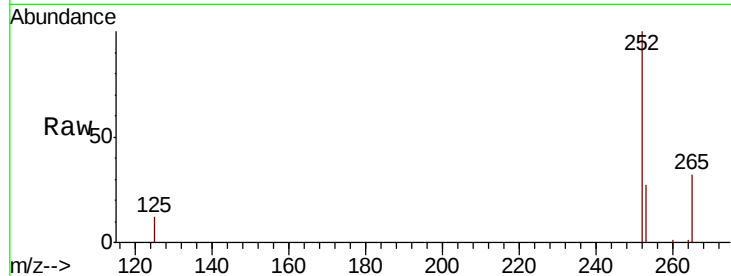




#37
Benzo(b)fluoranthene
Concen: 0.403 ng
RT: 22.62 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 18:51

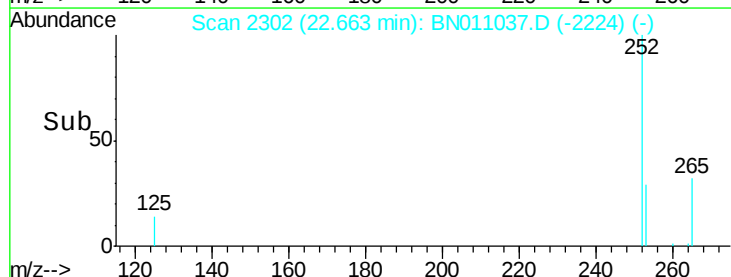
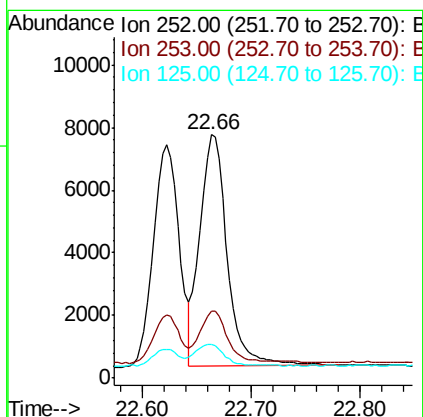
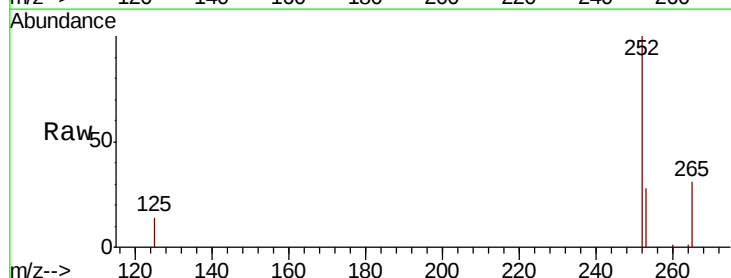
Instrument :
BNA_N
ClientSampleId :
ICVBN062320

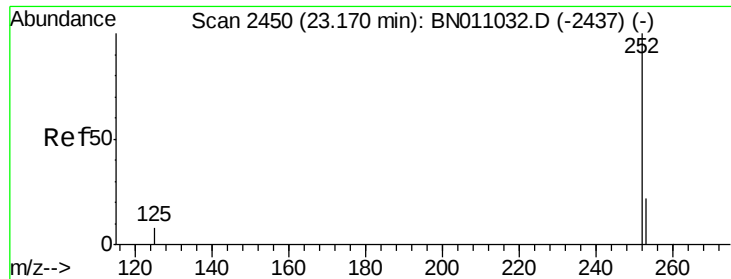
Tot Ion:252 Resp: 11634
Ion Ratio Lower Upper
252 100
253 27.1 21.4 32.0
125 12.3 9.3 13.9



#38
Benzo(k)fluoranthene
Concen: 0.433 ng
RT: 22.66 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 18:51

Tgt Ion:252 Resp: 13000
Ion Ratio Lower Upper
252 100
253 27.7 21.8 32.6
125 13.8 9.8 14.6





#39

Benzo(a)pyrene

Concen: 0.402 ng

RT: 23.16 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 18:51

Instrument :

BNA_N

ClientSampleId :

ICVBN062320

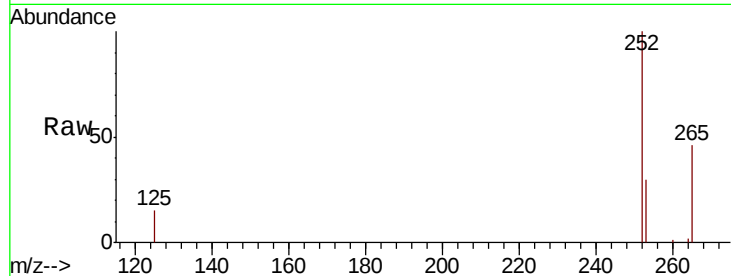
Tot Ion:252 Resp: 10319

Ion Ratio Lower Upper

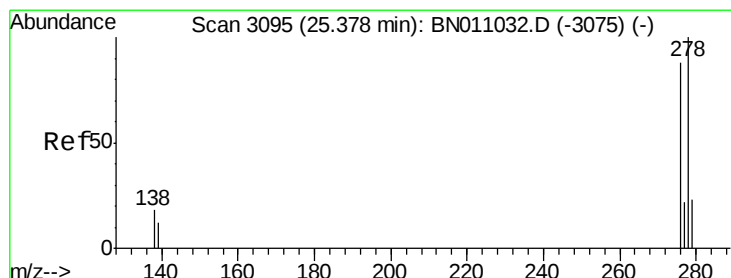
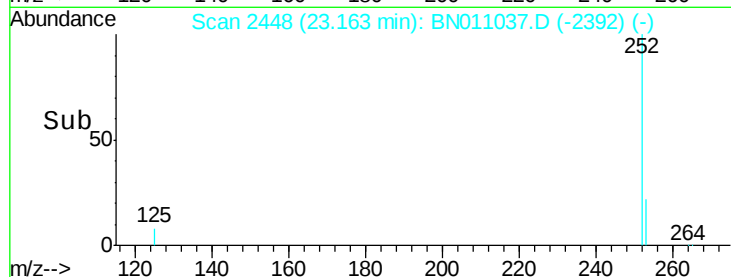
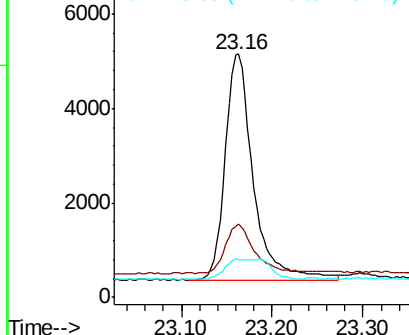
252 100

253 30.3 23.1 34.7

125 15.2 11.2 16.8



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



#40

Dibenzo(a,h)anthracene

Concen: 0.429 ng

RT: 25.37 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 18:51

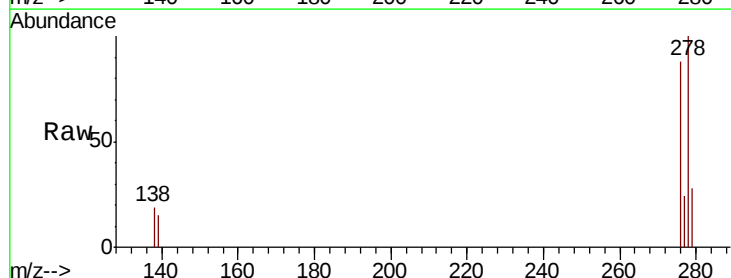
Tgt Ion:278 Resp: 11861

Ion Ratio Lower Upper

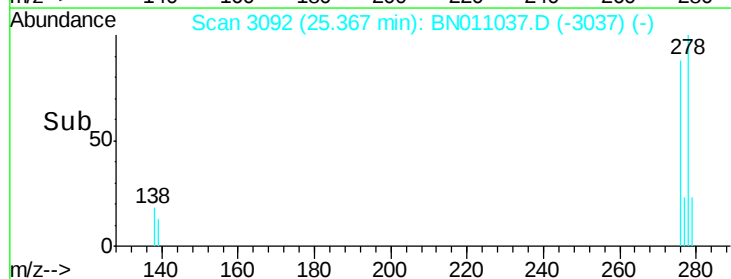
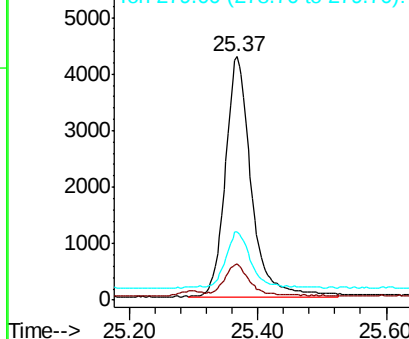
278 100

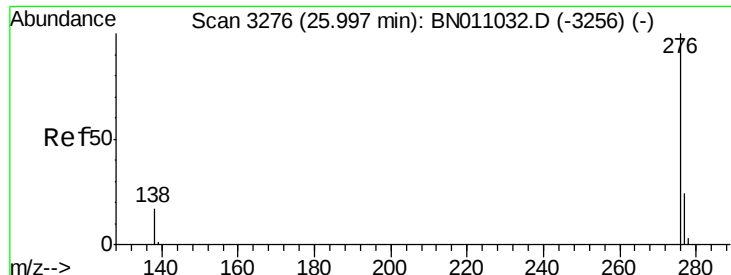
139 15.0 11.2 16.8

279 27.9 22.6 34.0



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: 0.503 ng

RT: 25.98 min Scan# 3272

Delta R.T. -0.01 min

Lab File: BN011037.D

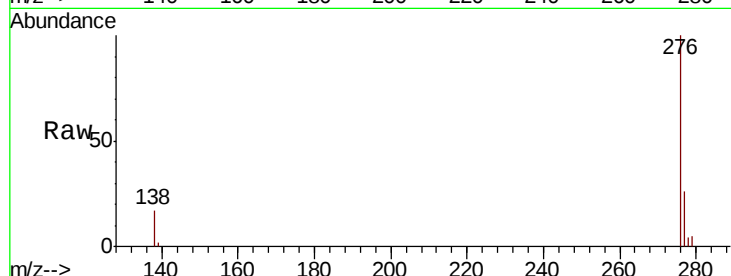
Acq: 23 Jun 2020 18:51

Instrument :

BNA_N

ClientSampleId :

ICVBN062320



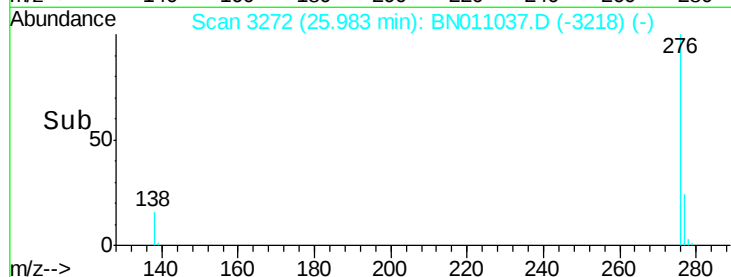
Tot Ion:276 Resp: 14421

Ion Ratio Lower Upper

276 100

277 25.5 20.4 30.6

138 17.5 15.1 22.7



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

