

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062320\
 Data File : BN011037.D
 Acq On : 23 Jun 2020 19:34
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 23 20:07:50 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	2417	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	7754	0.40	ng	0.00
13) Acenaphthene-d10	14.14	164	4539	0.40	ng	0.00
19) Phenanthrene-d10	16.90	188	8179	0.40	ng	0.00
29) Chrysene-d12	21.11	240	8735	0.40	ng	-0.01
36) Perylene-d12	23.25	264	7933	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	2767	0.41	ng	0.00
5) Phenol-d6	6.72	99	3208	0.40	ng	0.00
8) Nitrobenzene-d5	8.66	82	2783	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	11.86	152	5706	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.65	330	707	0.35	ng	0.01
15) 2-Fluorobiphenyl	12.76	172	9094	0.43	ng	0.00
27) Fluoranthene-d10	18.94	212	10241	0.40	ng	0.00
31) Terphenyl-d14	19.55	244	8779	0.37	ng	0.00

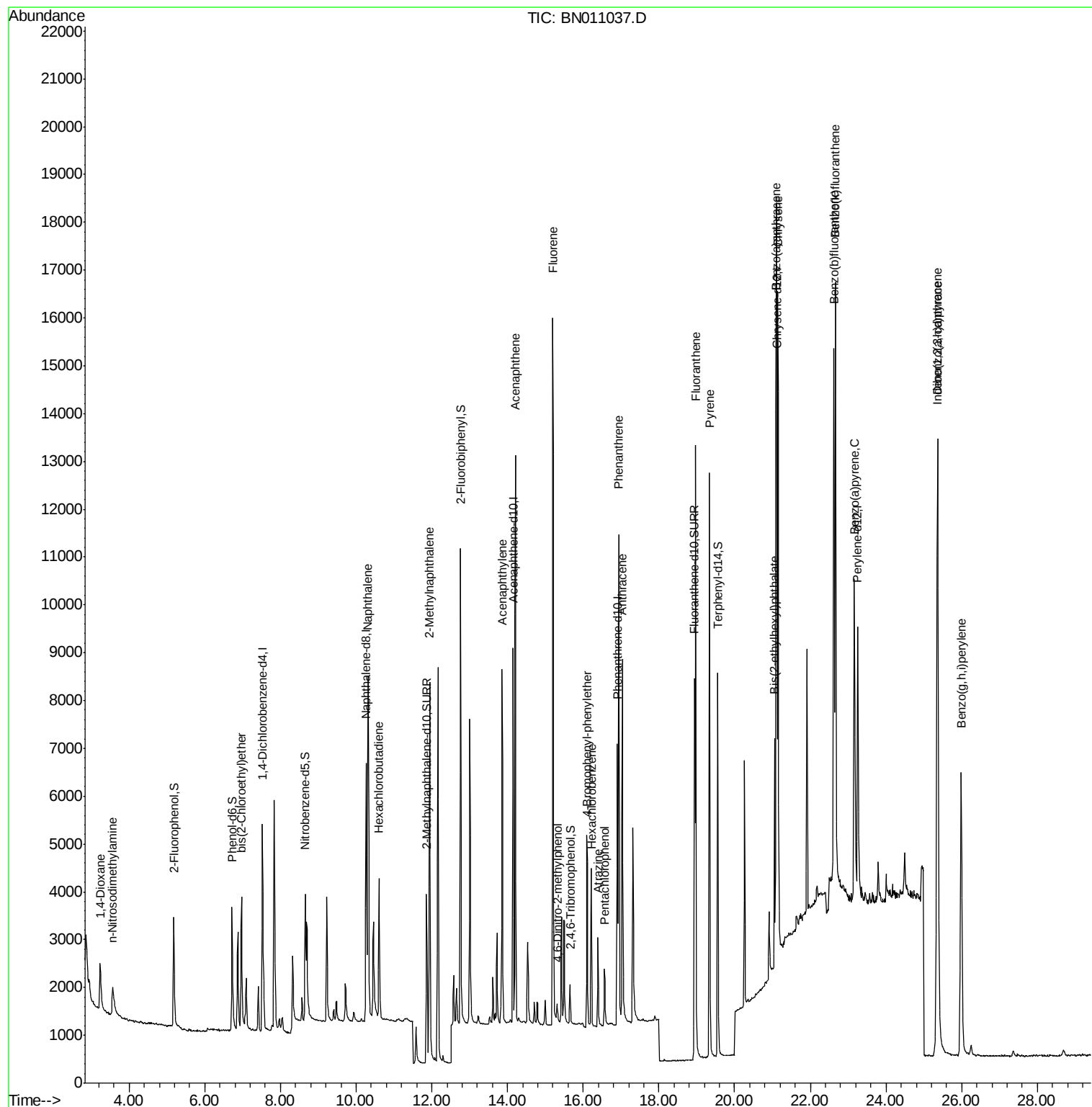
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	1402	0.431	ng	99
3) n-Nitrosodimethylamine	3.55	42	714	0.394	ng	# 1
6) bis(2-Chloroethyl)ether	6.97	93	2878	0.413	ng	99
9) Naphthalene	10.32	128	9623	0.409	ng	98
10) Hexachlorobutadiene	10.61	225	2449	0.432	ng	# 98
12) 2-Methylnaphthalene	11.94	142	6618	0.420	ng	100
16) Acenaphthylene	13.85	152	9044	0.395	ng	99
17) Acenaphthene	14.21	154	6215	0.405	ng	99
18) Fluorene	15.20	166	7232	0.369	ng	99
20) 4,6-Dinitro-2-methylphenol	15.31	198	487	0.356	ng	95
21) 4-Bromophenyl-phenylether	16.11	248	2290	0.405	ng	# 74
22) Hexachlorobenzene	16.22	284	2638	0.422	ng	100
23) Atrazine	16.39	200	1647	0.394	ng	94
24) Pentachlorophenol	16.56	266	733	0.371	ng	99
25) Phenanthrene	16.93	178	11423	0.414	ng	100
26) Anthracene	17.03	178	9036	0.395	ng	99
28) Fluoranthene	18.97	202	12477	0.396	ng	100
30) Pvrene	19.34	202	12411	0.369	ng	99
32) Benzo(a)anthracene	21.10	228	11907	0.393	ng	98
33) Chrysene	21.14	228	13612	0.413	ng	99
34) Bis(2-ethylhexyl)phthalate	21.06	149	4419	0.363	ng	100
35) Indeno(1,2,3-cd)pyrene	25.35	276	16670	0.454	ng	100
37) Benzo(b)fluoranthene	22.62	252	14283	0.455	ng	99
38) Benzo(k)fluoranthene	22.66	252	15933	0.488	ng	98
39) Benzo(a)pyrene	23.16	252	11280	0.405	ng	98
40) Dibenzo(a,h)anthracene	25.37	278	13420	0.447	ng	100
41) Benzo(g,h,i)perylene	25.99	276	12530	0.403	ng	99

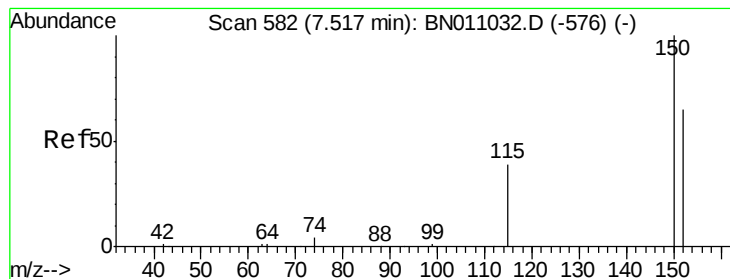
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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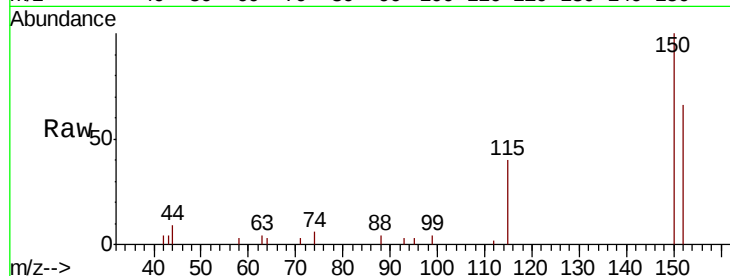


#1

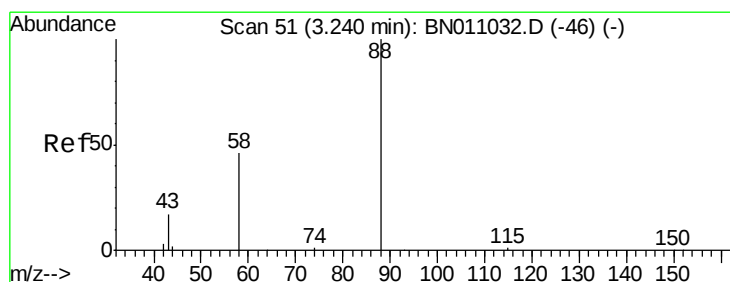
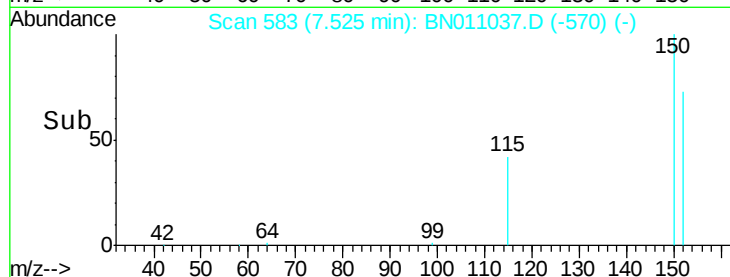
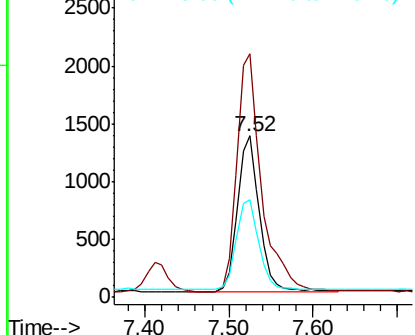
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.52 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: BN011037.D
 Acq: 23 Jun 2020 19:34

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:152 Resp: 2417
 Ion Ratio Lower Upper
 152 100
 150 150.8 121.8 182.8
 115 60.4 50.2 75.2



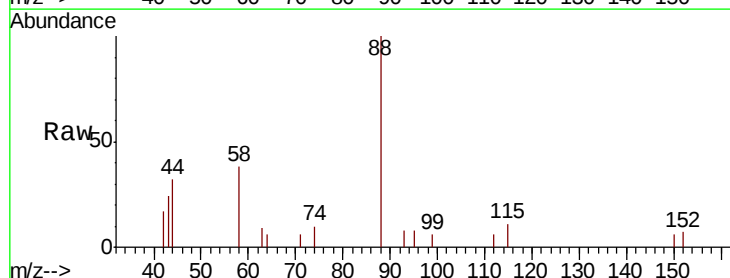
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



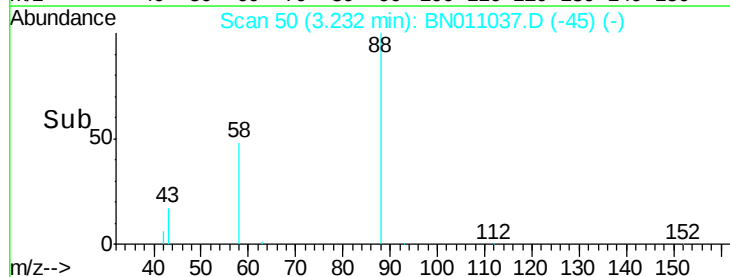
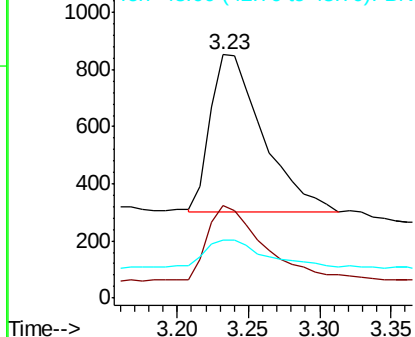
#2

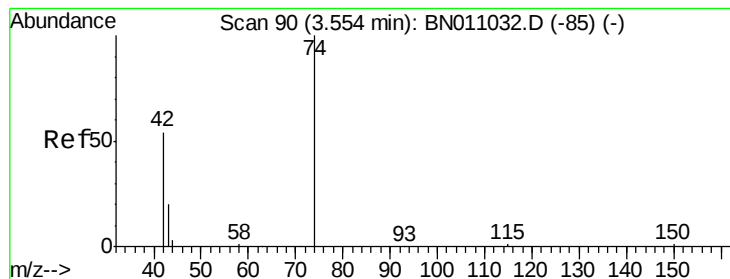
1,4-Dioxane
 Concen: 0.431 ng
 RT: 3.23 min Scan# 50
 Delta R.T. -0.01 min
 Lab File: BN011037.D
 Acq: 23 Jun 2020 19:34

Tgt Ion: 88 Resp: 1402
 Ion Ratio Lower Upper
 88 100
 58 48.9 38.4 57.6
 43 18.3 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: 0.394 ng

RT: 3.55 min Scan# 90

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

Instrument :

BNA_N

ClientSampled :

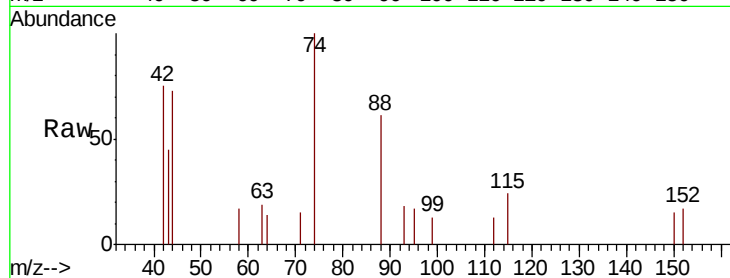
Tot Ion: 42 Resp: 714

Ion Ratio Lower Upper

42 100

74 0.0 154.8 232.2#

44 7.4 4.8 7.2#

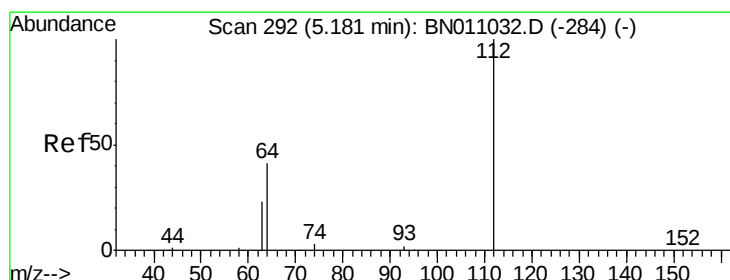
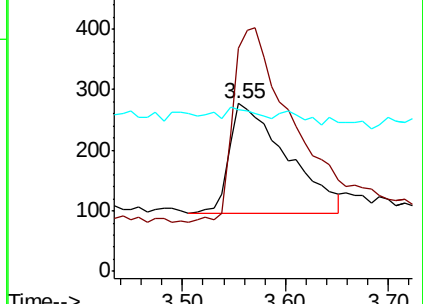
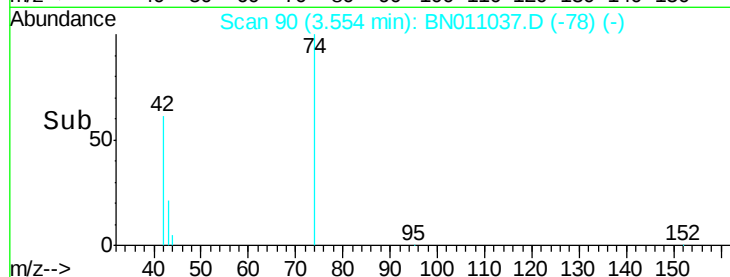


Abundance Ion 42.00 (41.70 to 42.70): BN011032.D (-85) (-)

Ion 74.00 (73.70 to 74.70): BN011032.D (-85) (-)

Ion 44.00 (43.70 to 44.70): BN011032.D (-85) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.406 ng

RT: 5.18 min Scan# 292

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

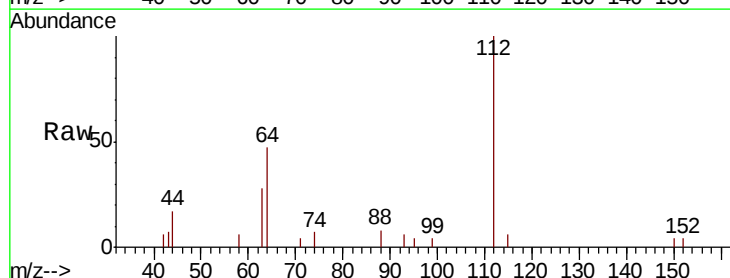
Tgt Ion: 112 Resp: 2767

Ion Ratio Lower Upper

112 100

64 45.4 37.3 55.9

63 25.5 20.4 30.6

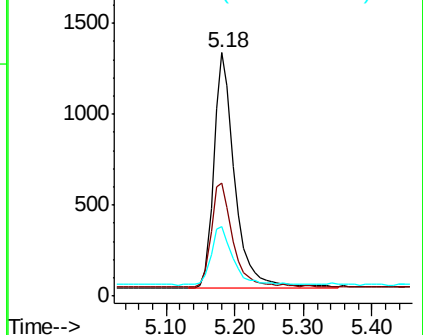
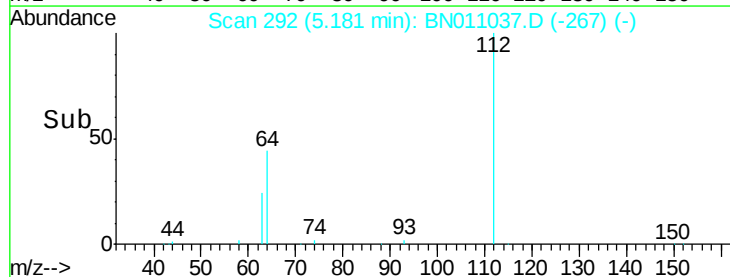


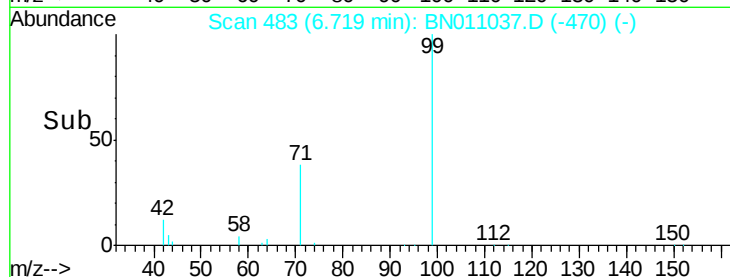
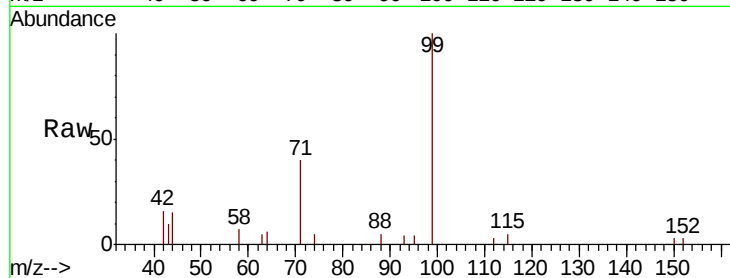
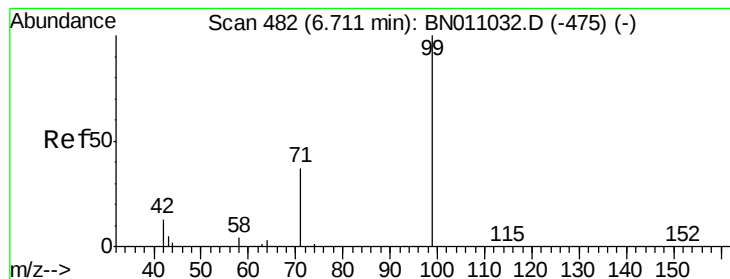
Abundance Ion 112.00 (111.70 to 112.70): BN011032.D (-284) (-)

Ion 64.00 (63.70 to 64.70): BN011032.D (-284) (-)

Ion 63.00 (62.70 to 63.70): BN011032.D (-284) (-)

Time-->





#5

Phenol-d6

Concen: 0.398 ng

RT: 6.72 min Scan# 483

Delta R.T. 0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

Instrument :

BNA_N

ClientSampleId :

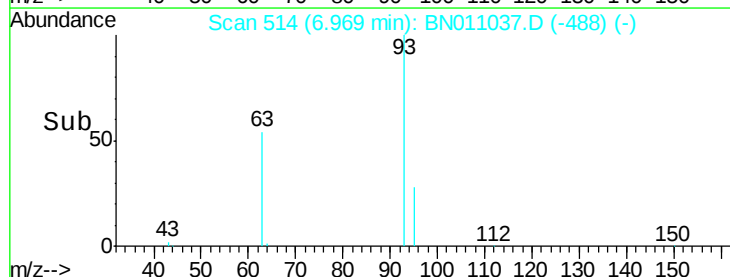
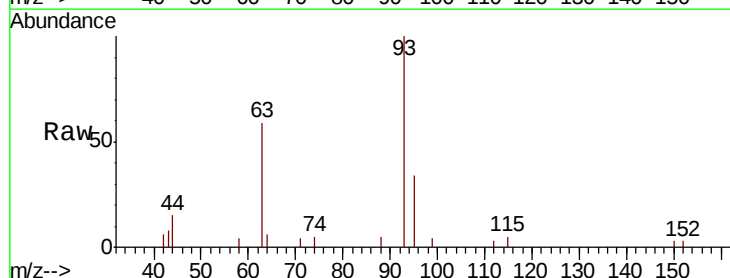
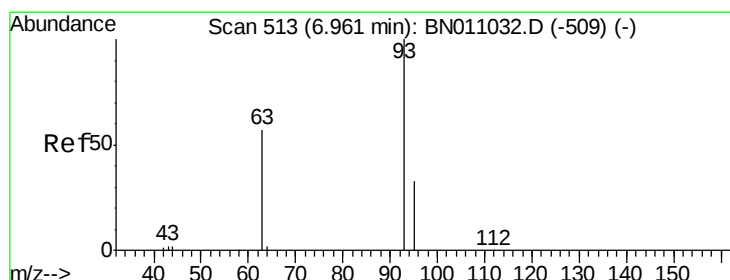
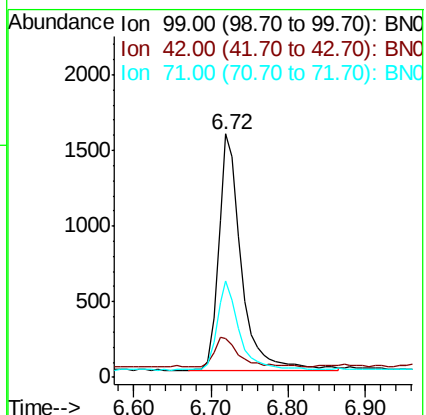
Tot Ion: 99 Resp: 3208

Ion Ratio Lower Upper

99 100

42 13.4 10.6 16.0

71 36.5 28.7 43.1



#6

bis(2-Chloroethyl)ether

Concen: 0.413 ng

RT: 6.97 min Scan# 514

Delta R.T. 0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

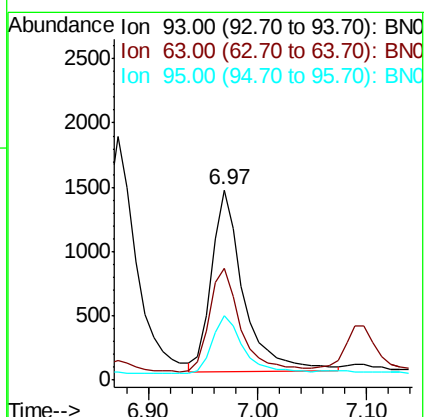
Tgt Ion: 93 Resp: 2878

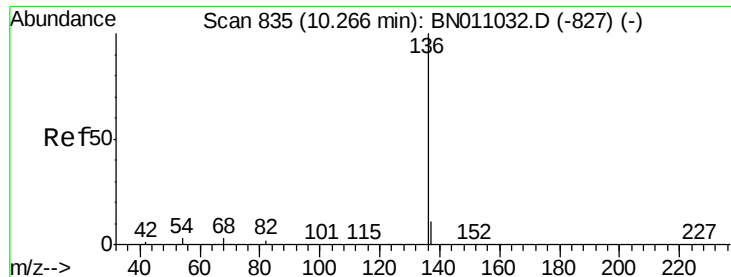
Ion Ratio Lower Upper

93 100

63 55.6 43.7 65.5

95 31.0 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 19:34

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 7754

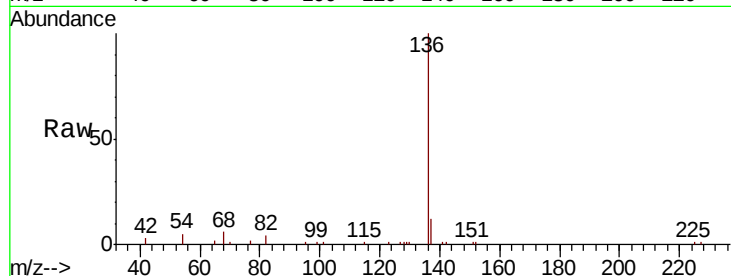
Ion Ratio Lower Upper

136 100

137 11.6 9.6 14.4

54 5.1 3.0 4.4#

68 5.7 3.4 5.2#

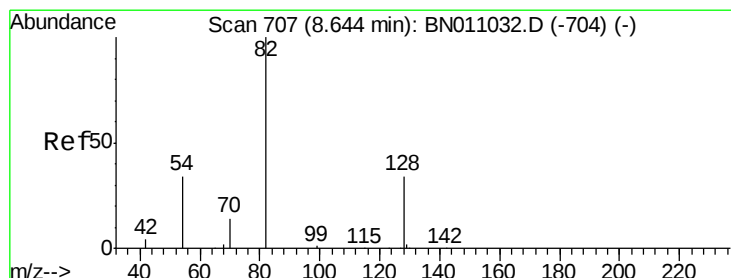
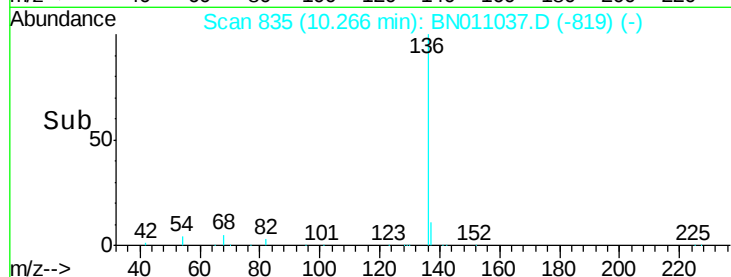
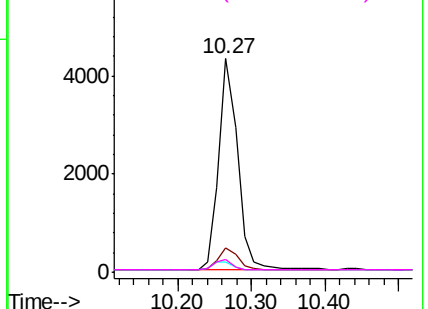


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.394 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

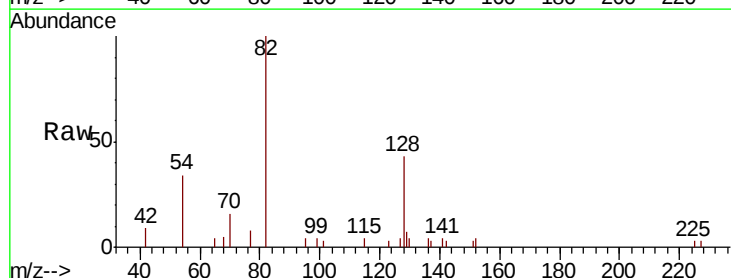
Tgt Ion: 82 Resp: 2783

Ion Ratio Lower Upper

82 100

128 43.0 29.4 44.2

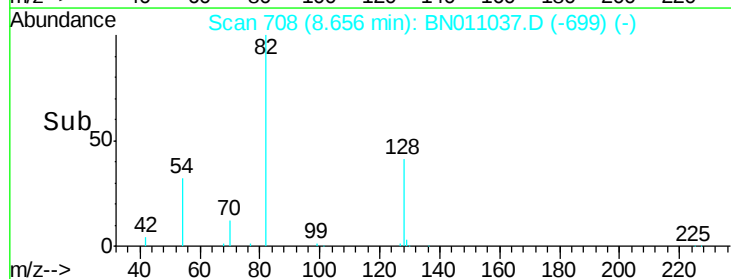
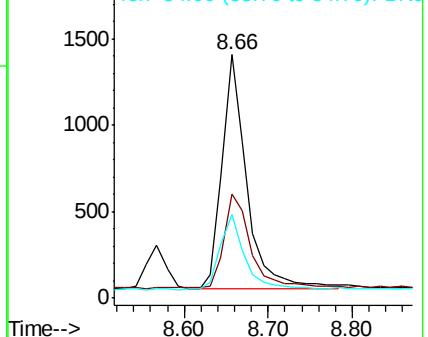
54 34.2 28.8 43.2

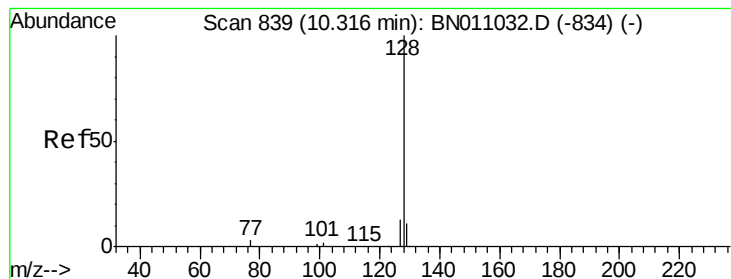


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.409 ng

RT: 10.32 min Scan# 839

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

Instrument :

BNA_N

ClientSampleId :

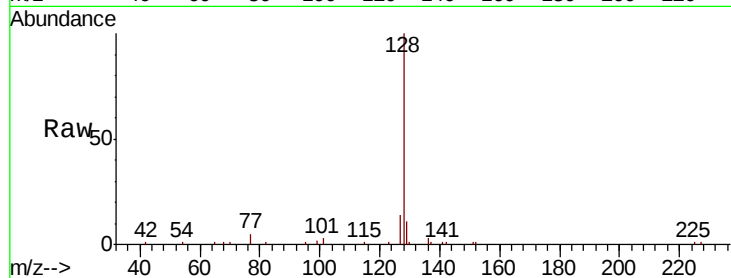
Tot Ion:128 Resp: 9623

Ion Ratio Lower Upper

128 100

129 11.4 9.8 14.6

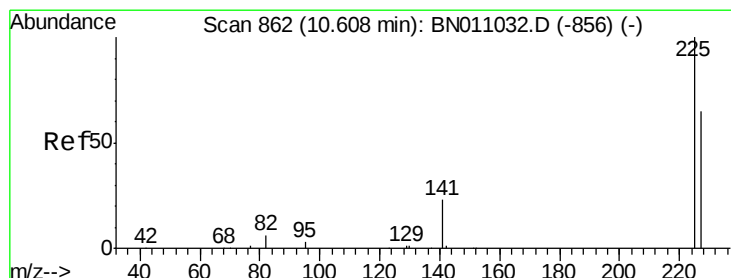
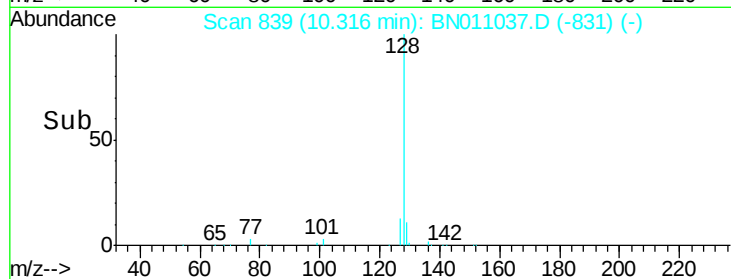
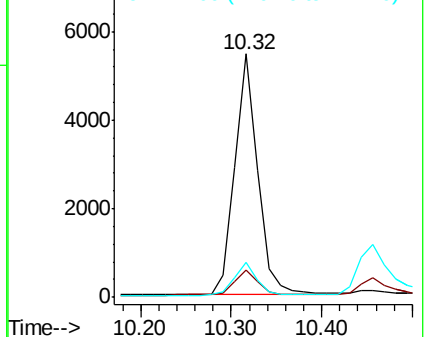
127 14.2 10.9 16.3



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: 0.432 ng

RT: 10.61 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

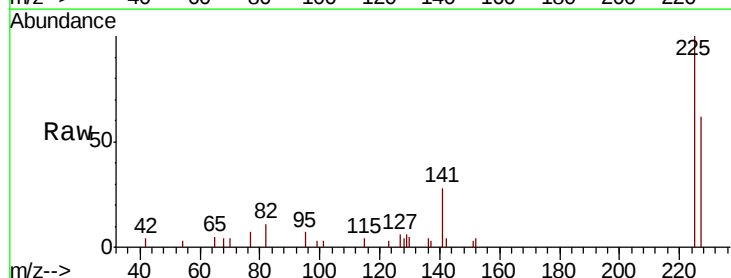
Tgt Ion:225 Resp: 2449

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

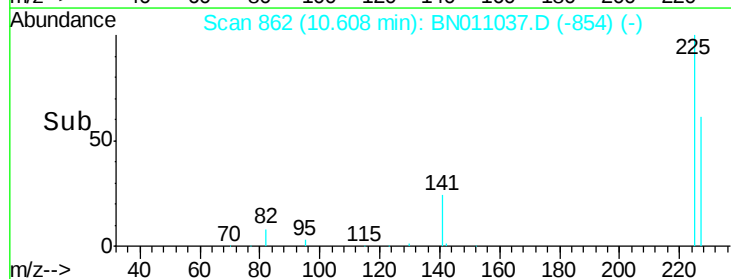
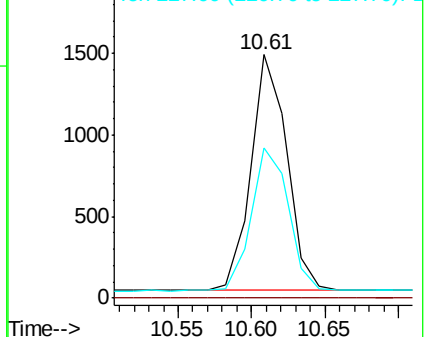
227 62.9 51.7 77.5

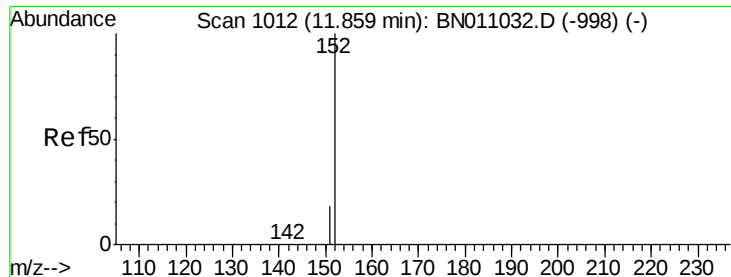


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.417 ng

RT: 11.86 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

Instrument :

BNA_N

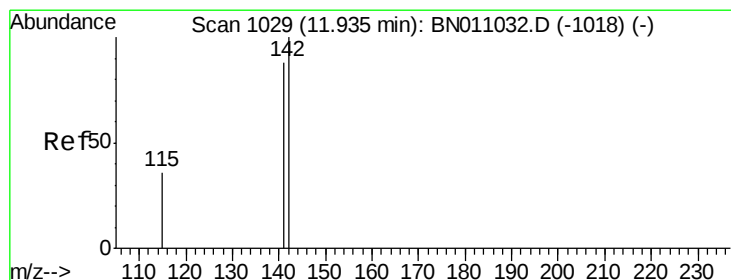
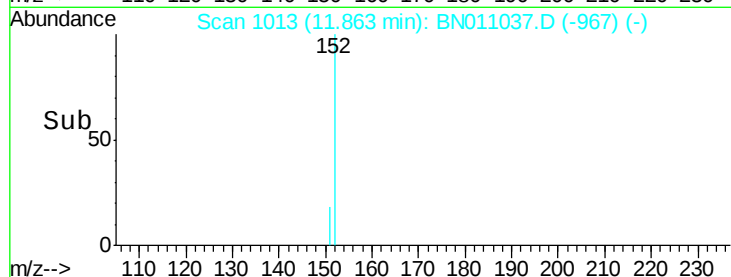
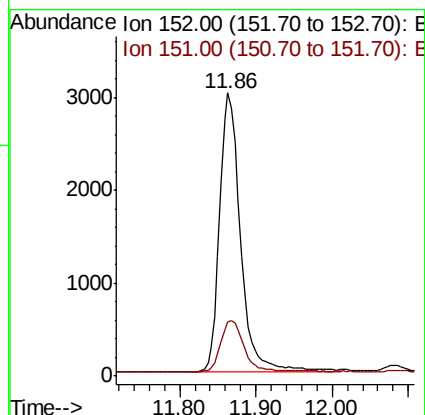
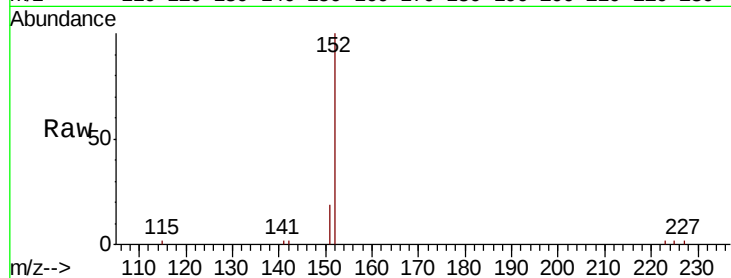
ClientSampleId :

Tot Ion:152 Resp: 5706

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4



#12

2-Methylnaphthalene

Concen: 0.420 ng

RT: 11.94 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

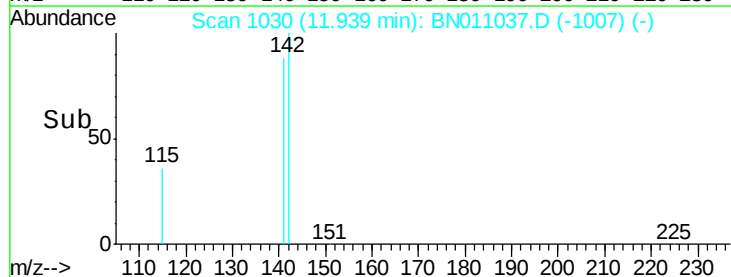
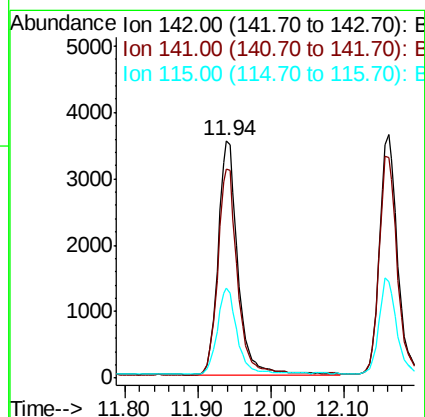
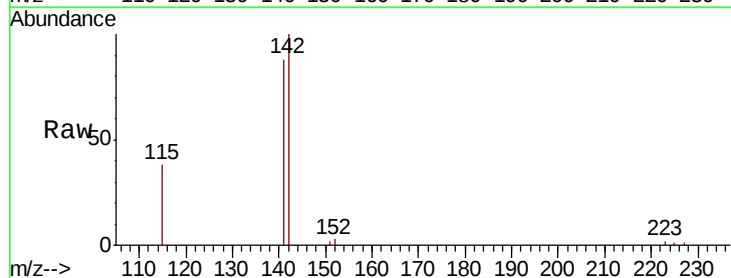
Tgt Ion:142 Resp: 6618

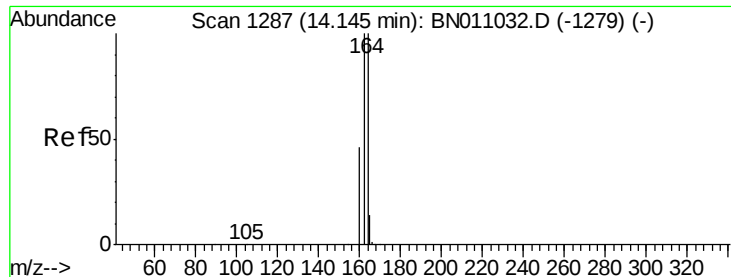
Ion Ratio Lower Upper

142 100

141 87.9 70.6 106.0

115 37.7 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 19:34

Instrument :

BNA_N

ClientSampleId :

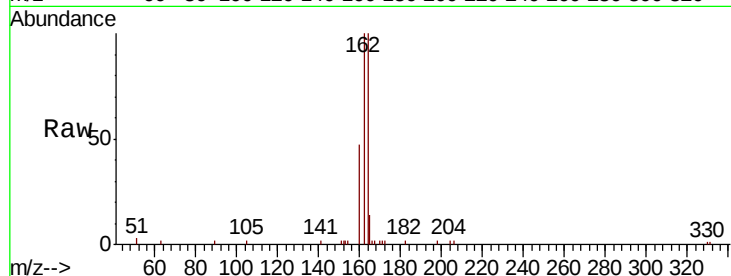
Tot Ion:164 Resp: 4539

Ion Ratio Lower Upper

164 100

162 99.9 80.2 120.4

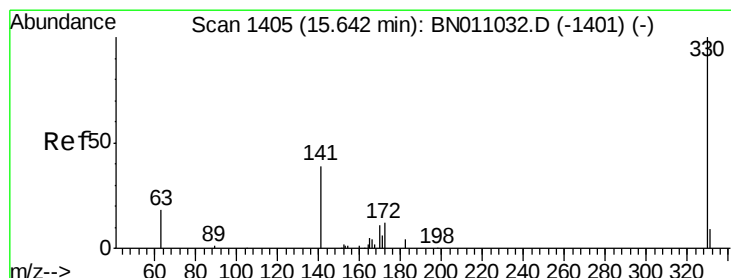
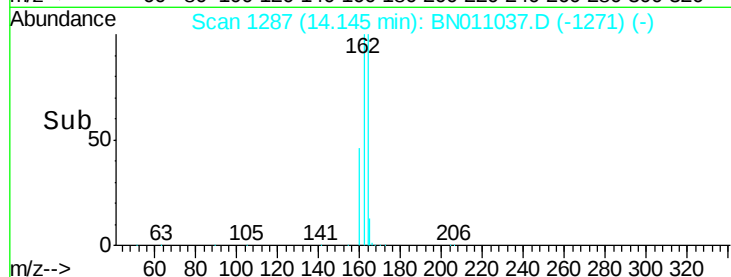
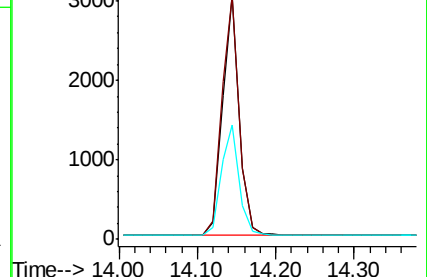
160 47.1 37.7 56.5



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: 0.354 ng

RT: 15.65 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

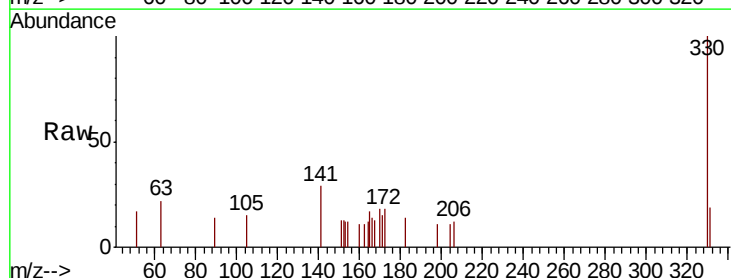
Tgt Ion:330 Resp: 707

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

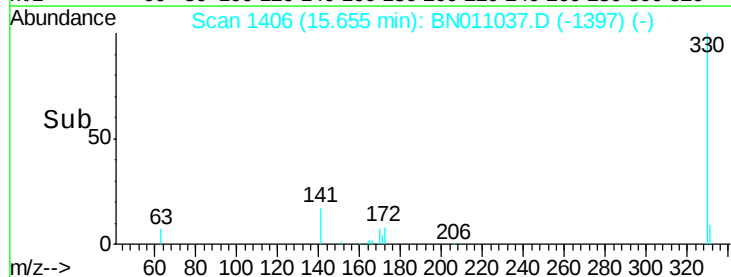
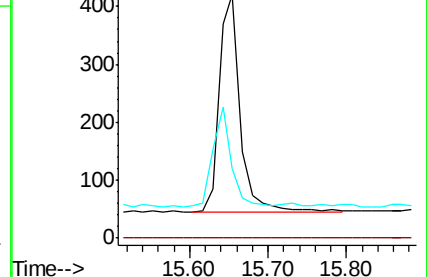
141 39.9 34.5 51.7

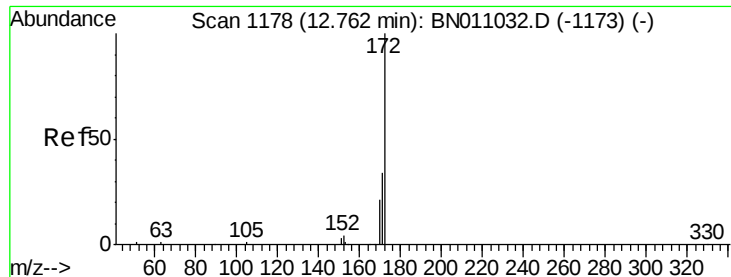


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

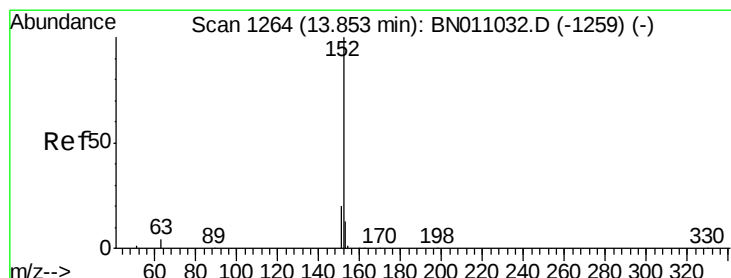
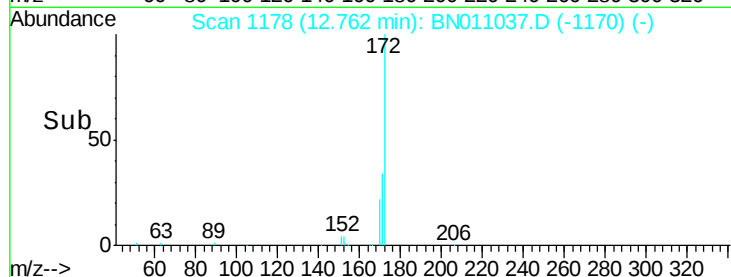
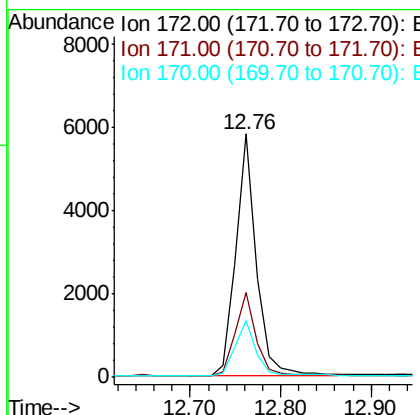
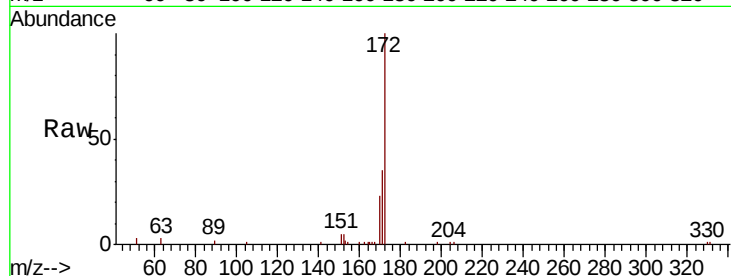




#15
2-Fluorobiphenyl
Concen: 0.430 ng
RT: 12.76 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

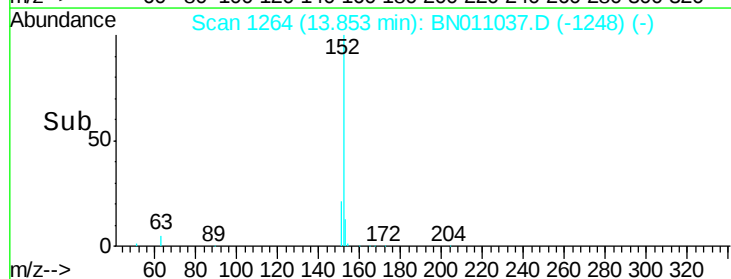
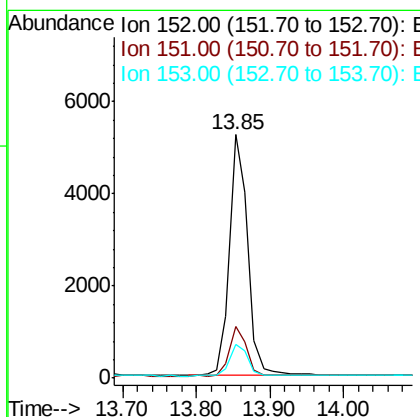
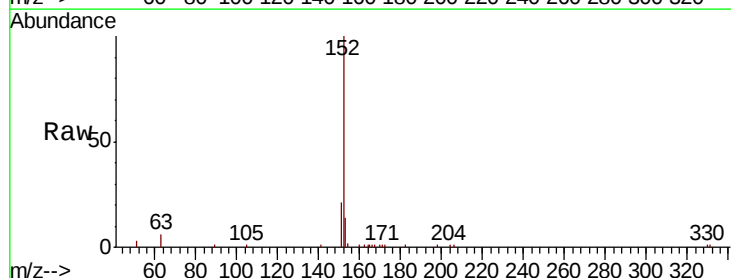
Instrument :
BNA_N
ClientSampleId :

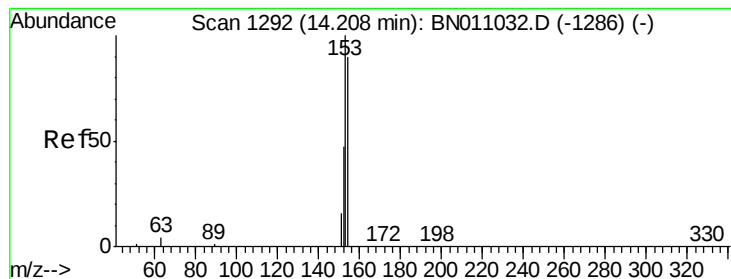
Tot Ion:172 Resp: 9094
Ion Ratio Lower Upper
172 100
171 34.8 27.4 41.2
170 23.1 17.5 26.3



#16
Acenaphthylene
Concen: 0.395 ng
RT: 13.85 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Tgt Ion:152 Resp: 9044
Ion Ratio Lower Upper
152 100
151 19.8 15.6 23.4
153 13.4 10.2 15.2





#17

Acenaphthene

Concen: 0.405 ng

RT: 14.21 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

Instrument :

BNA_N

ClientSampleId :

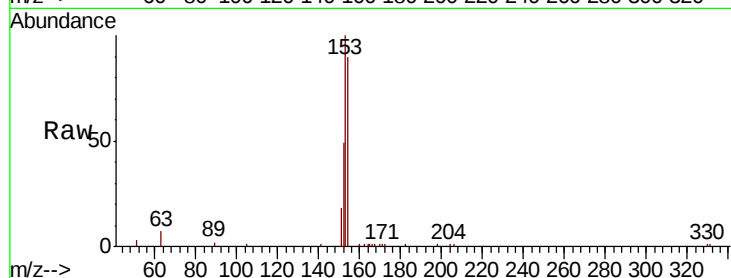
Tot Ion:154 Resp: 6215

Ion Ratio Lower Upper

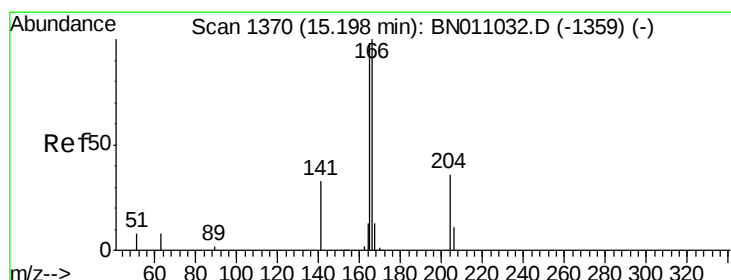
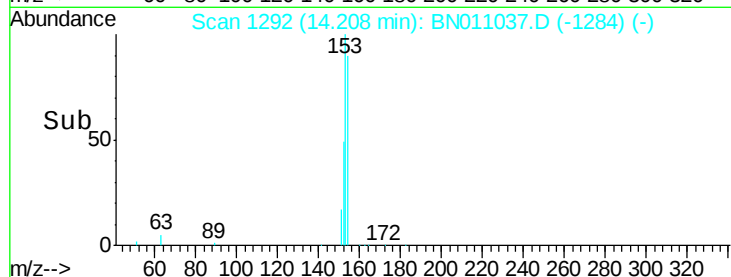
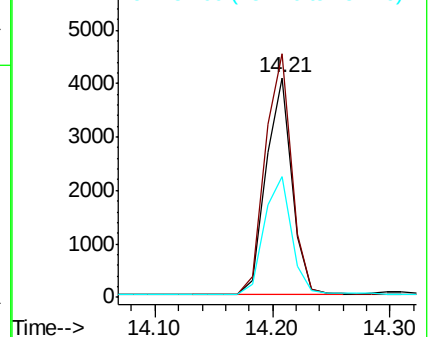
154 100

153 115.3 92.3 138.5

152 58.2 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: 0.369 ng

RT: 15.20 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

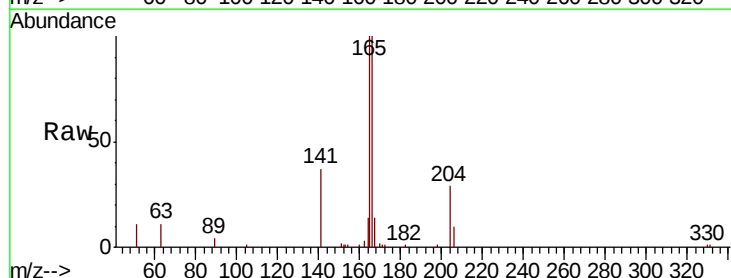
Tgt Ion:166 Resp: 7232

Ion Ratio Lower Upper

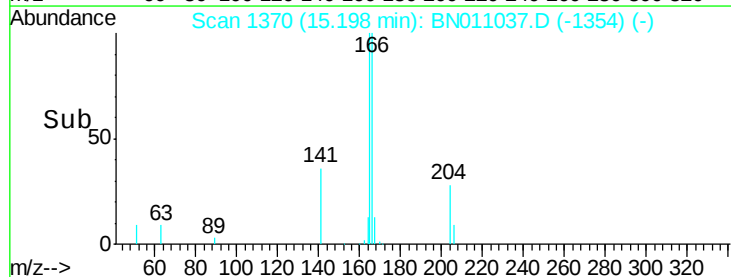
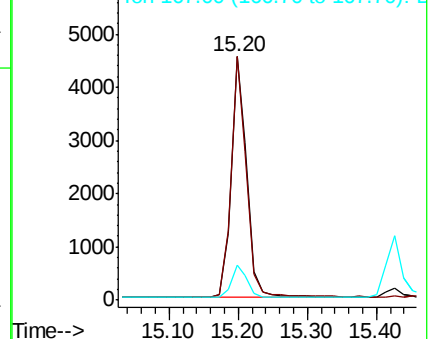
166 100

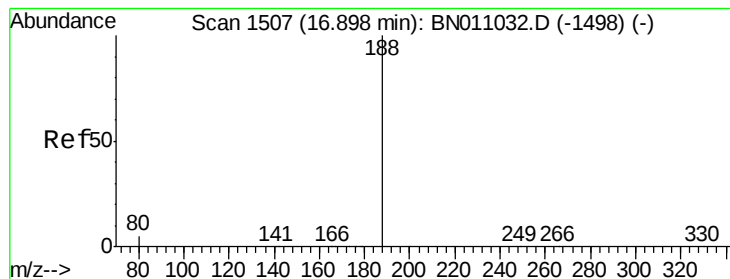
165 98.3 77.8 116.8

167 13.6 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 19:34

Instrument :

BNA_N

ClientSampleId :

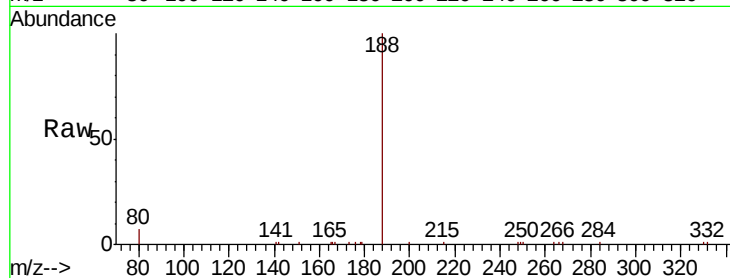
Tot Ion:188 Resp: 8179

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

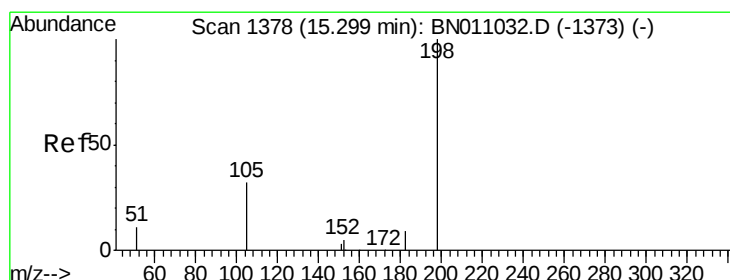
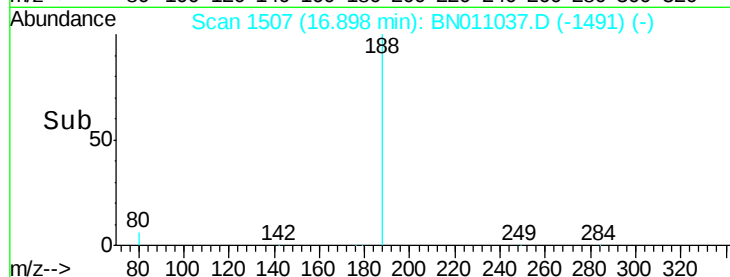
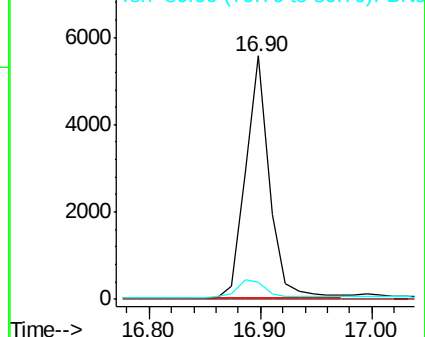
80 6.9 4.6 7.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4,6-Dinitro-2-methylphenol

Concen: 0.356 ng

RT: 15.31 min Scan# 1379

Delta R.T. 0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

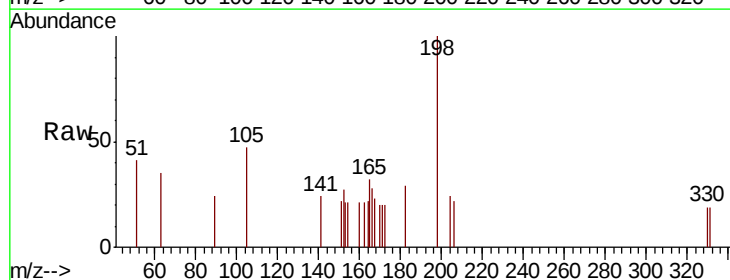
Tgt Ion:198 Resp: 487

Ion Ratio Lower Upper

198 100

51 41.0 29.5 44.3

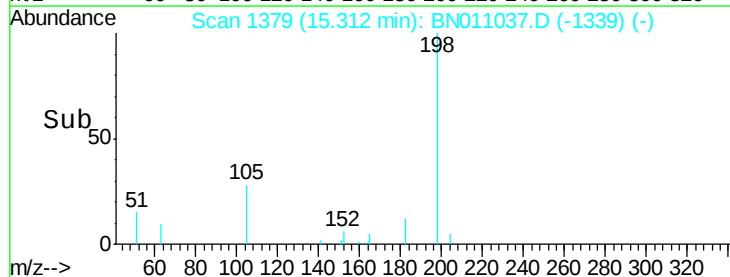
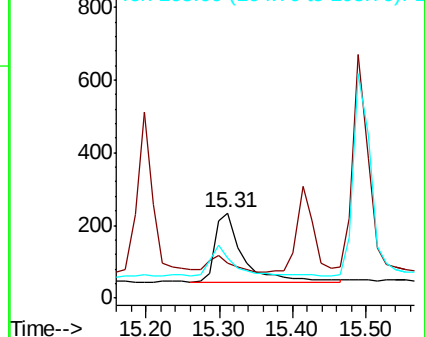
105 46.6 39.2 58.8

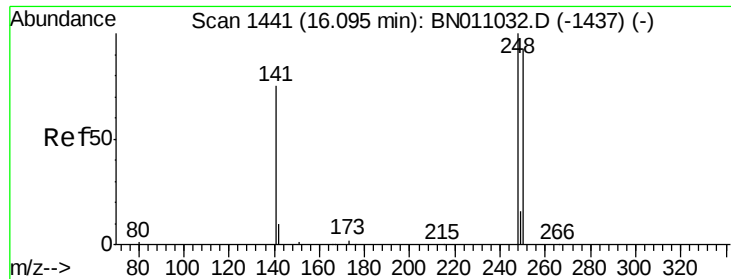


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E

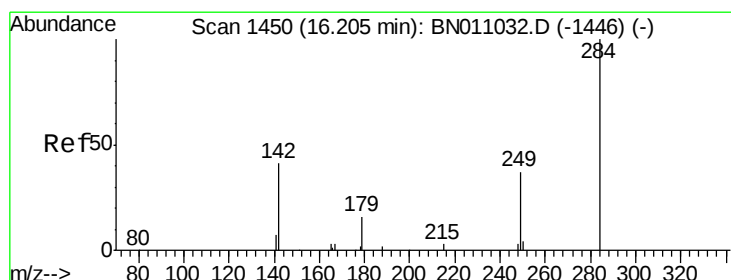
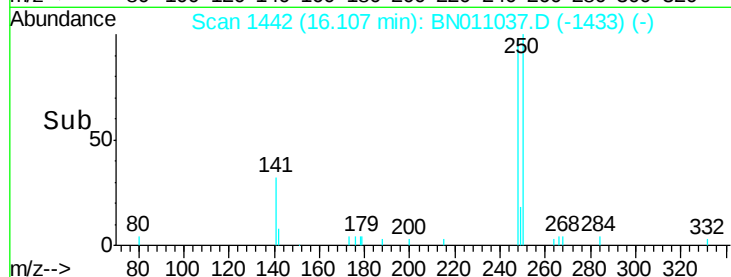
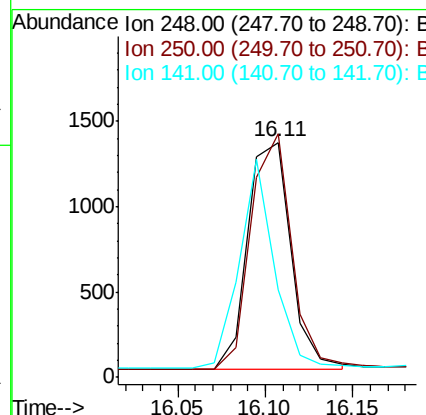
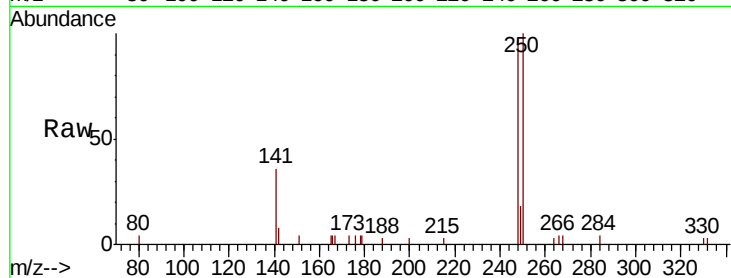




#21
4-Bromophenyl-phenylether
Concen: 0.405 ng
RT: 16.11 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

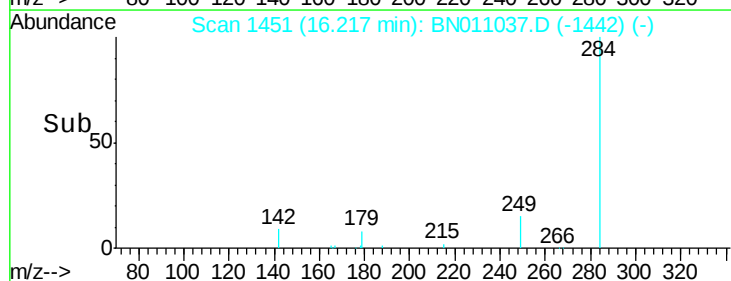
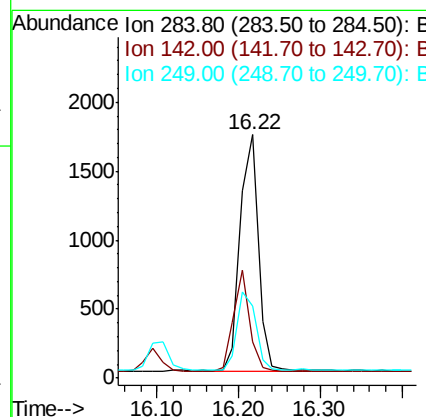
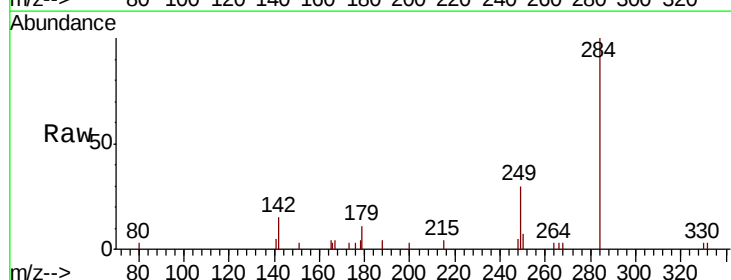
Instrument :
BNA_N
ClientSampleId :

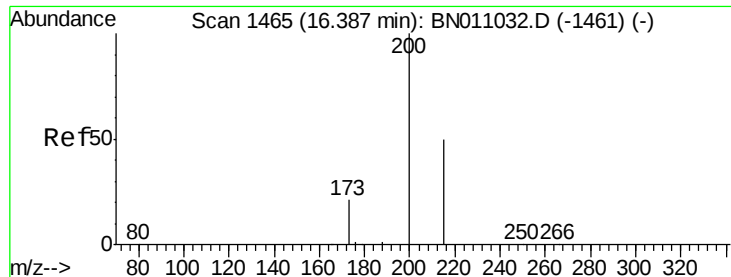
Tot Ion:248 Resp: 2290
Ion Ratio Lower Upper
248 100
250 103.5 74.6 111.8
141 37.1 60.9 91.3#



#22
Hexachlorobenzene
Concen: 0.422 ng
RT: 16.22 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Tgt Ion:284 Resp: 2638
Ion Ratio Lower Upper
284 100
142 37.8 30.4 45.6
249 33.8 27.0 40.4





#23

Atrazine

Concen: 0.394 ng

RT: 16.39 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

Instrument :

BNA_N

ClientSampleId :

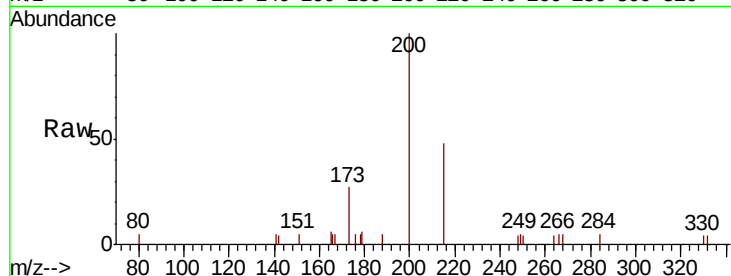
Tot Ion:200 Resp: 1647

Ion Ratio Lower Upper

200 100

173 26.9 19.4 29.2

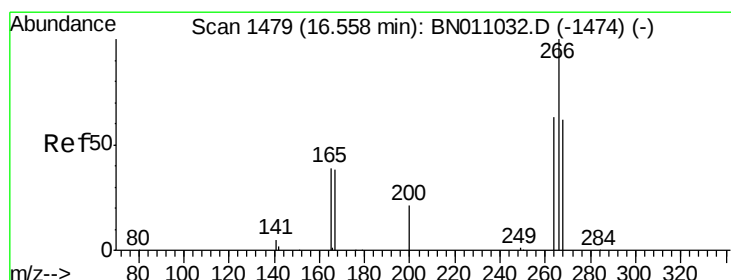
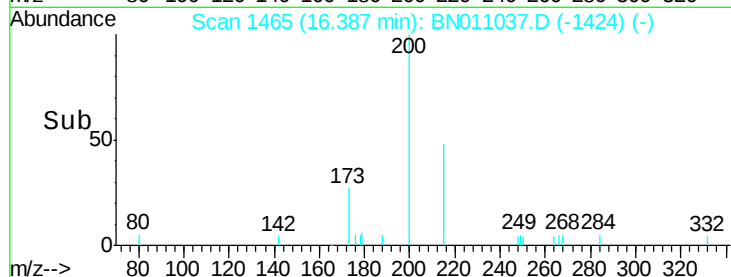
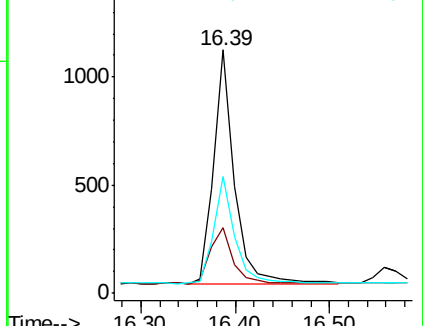
215 47.8 41.5 62.3



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: 0.371 ng

RT: 16.56 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

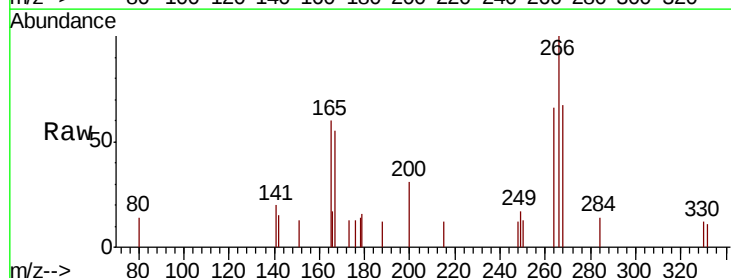
Tgt Ion:266 Resp: 733

Ion Ratio Lower Upper

266 100

264 64.0 51.4 77.0

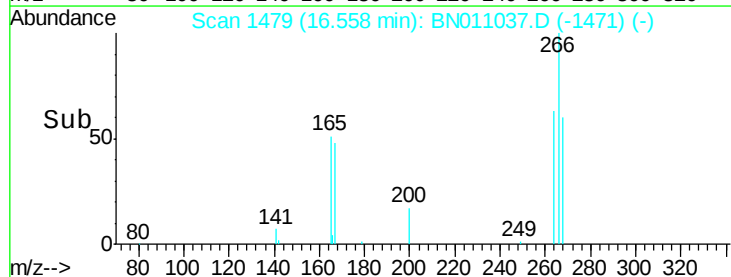
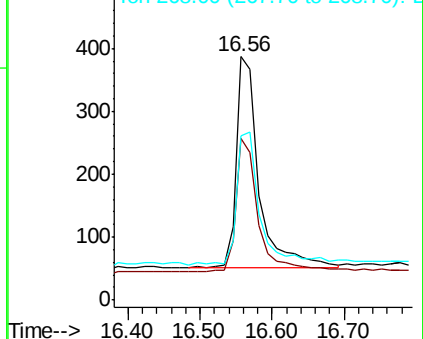
268 66.8 54.9 82.3

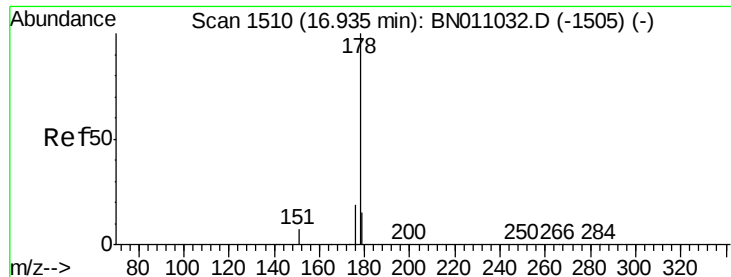


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.414 ng

RT: 16.93 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

Instrument :

BNA_N

ClientSampled :

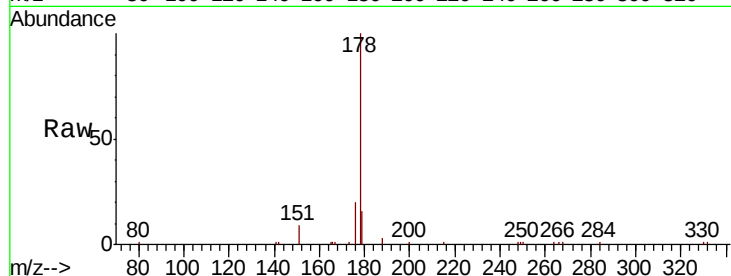
Tot Ion:178 Resp: 11423

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

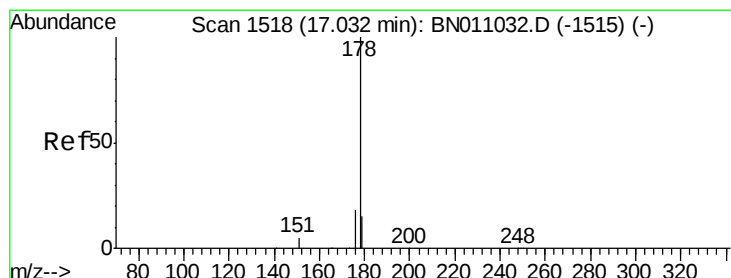
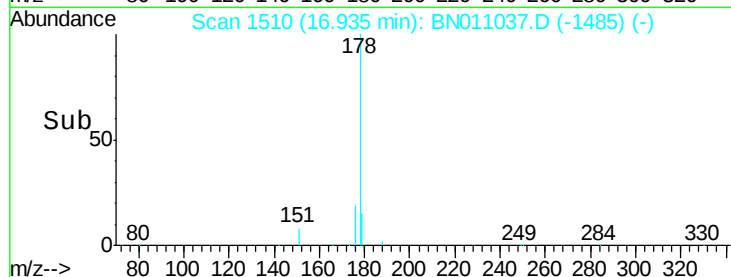
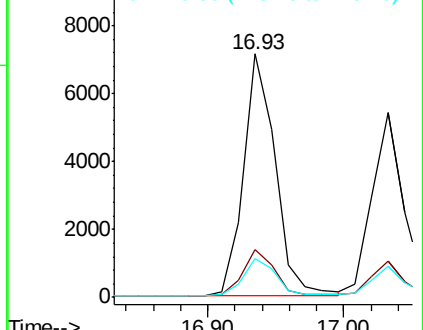
179 15.7 12.3 18.5



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: 0.395 ng

RT: 17.03 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

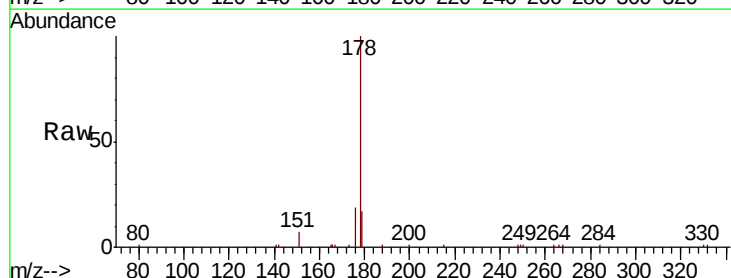
Tgt Ion:178 Resp: 9036

Ion Ratio Lower Upper

178 100

176 18.7 14.7 22.1

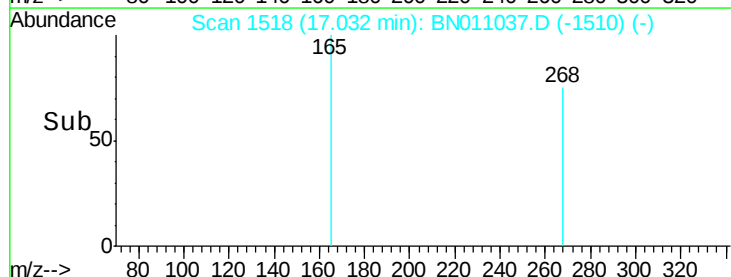
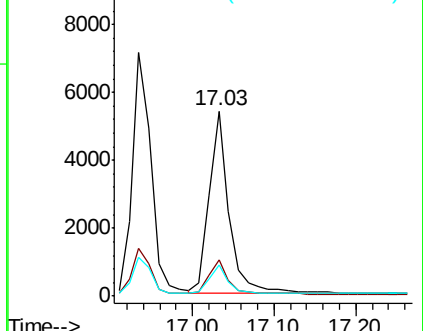
179 15.8 12.2 18.4

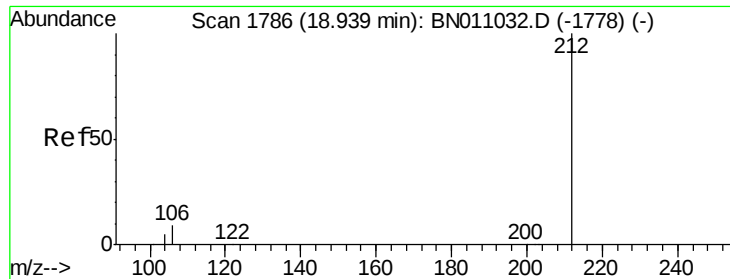


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

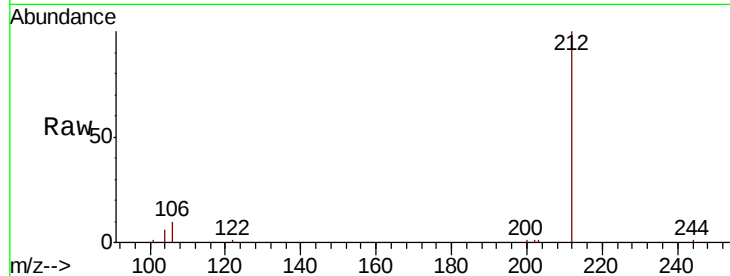




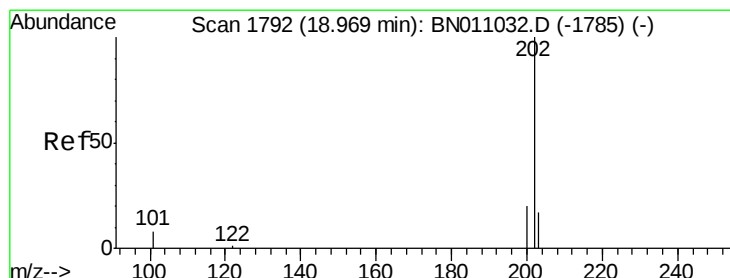
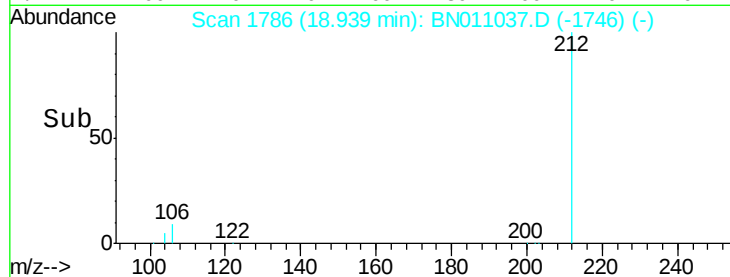
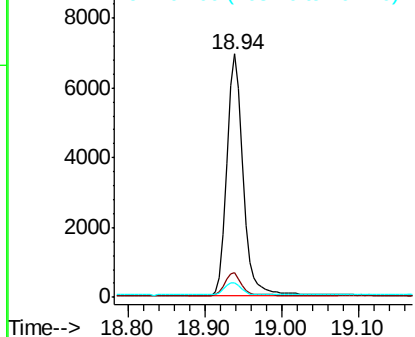
#27
 Fluoranthene-d10
 Concen: 0.396 ng
 RT: 18.94 min Scan# 1786
 Delta R.T. -0.00 min
 Lab File: BN011037.D
 Acq: 23 Jun 2020 19:34

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
212	100		
106	9.6	7.7	11.5
104	5.4	4.6	6.8

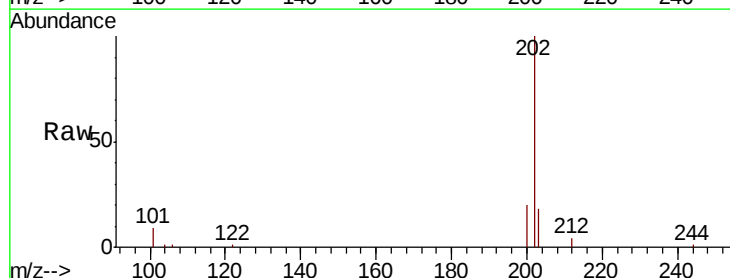


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

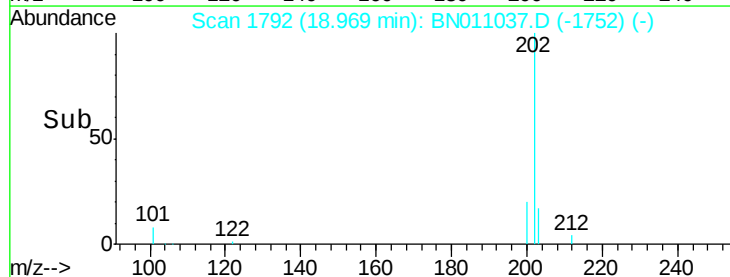
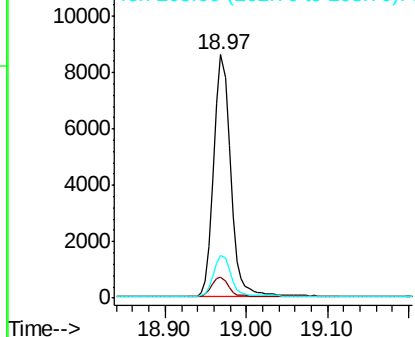


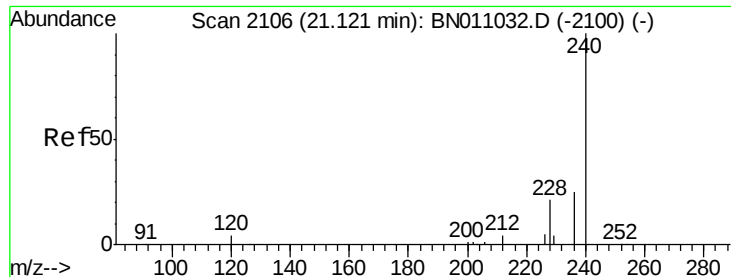
#28
 Fluoranthene
 Concen: 0.396 ng
 RT: 18.97 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BN011037.D
 Acq: 23 Jun 2020 19:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.6	10.0
203	17.1	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 19:34

Instrument :

BNA_N

ClientSampleId :

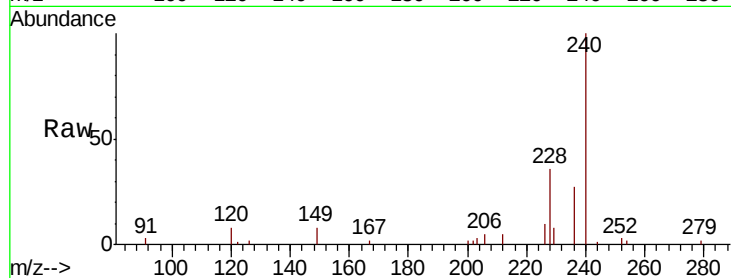
Tot Ion:240 Resp: 8735

Ion Ratio Lower Upper

240 100

120 7.8 5.4 8.0

236 27.2 21.4 32.2



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

21.11

6000

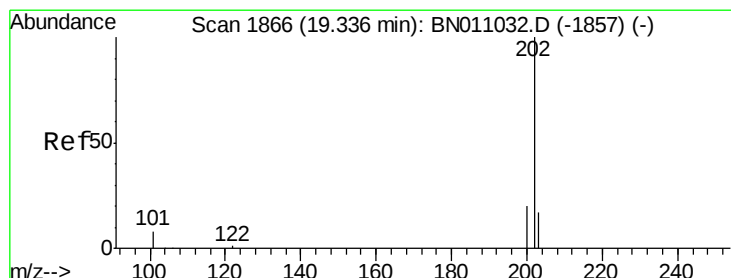
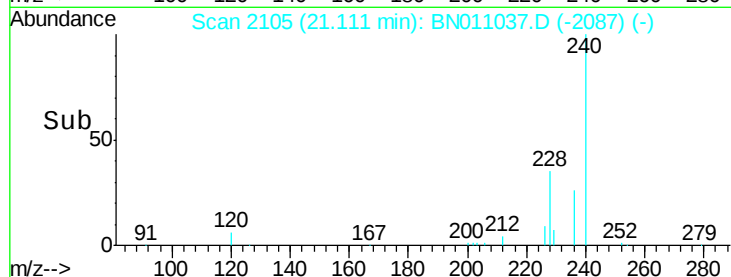
4000

2000

0

Time-->

21.00 21.20



#30

Pyrene

Concen: 0.369 ng

RT: 19.34 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

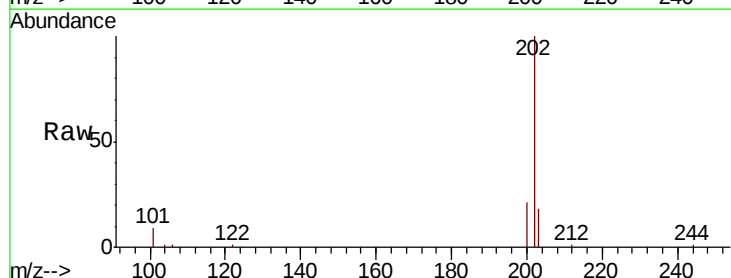
Tgt Ion:202 Resp: 12411

Ion Ratio Lower Upper

202 100

200 20.4 16.6 24.8

203 17.4 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

19.34

10000

8000

6000

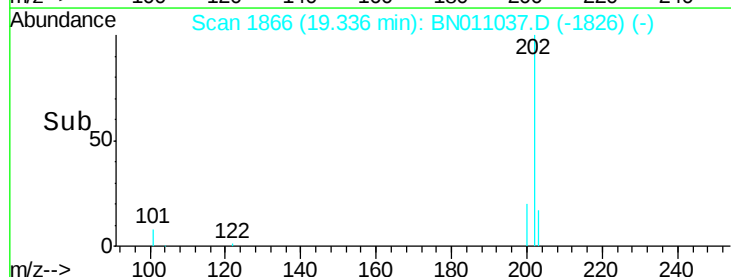
4000

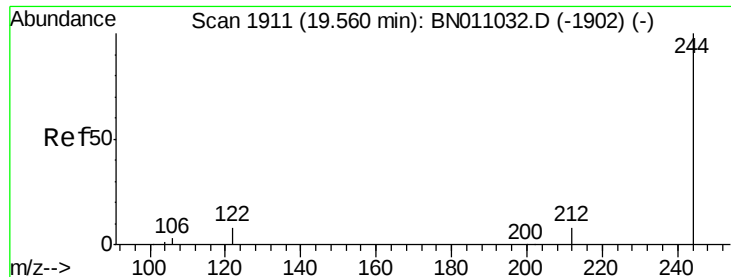
2000

0

Time-->

19.20 19.30 19.40 19.50





#31

Terphenyl-d14

Concen: 0.374 ng

RT: 19.55 min Scan# 1910

Delta R.T. -0.00 min

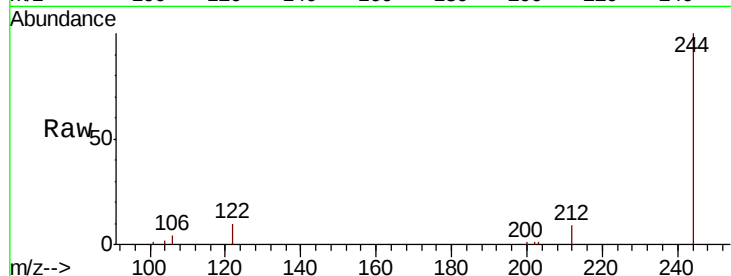
Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

Instrument :

BNA_N

ClientSampleId :



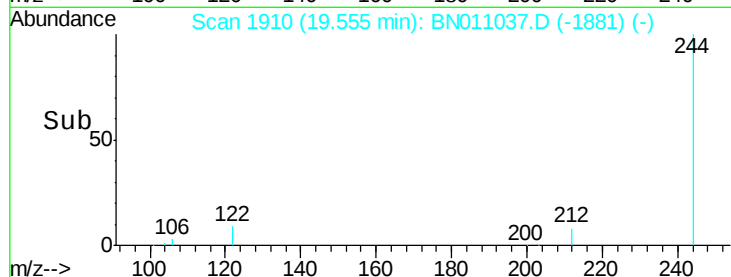
Tot Ion:244 Resp: 8779

Ion Ratio Lower Upper

244 100

212 8.8 6.9 10.3

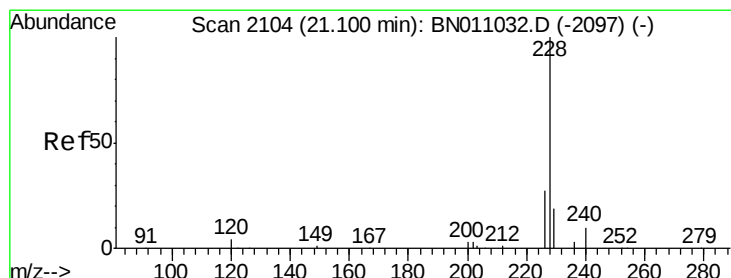
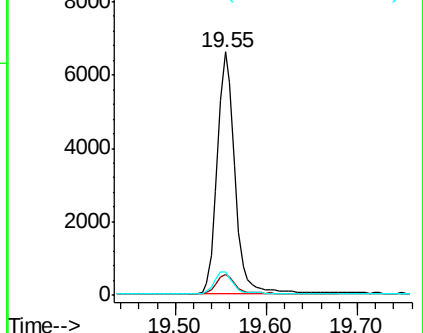
122 9.7 7.4 11.0



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: 0.393 ng

RT: 21.10 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

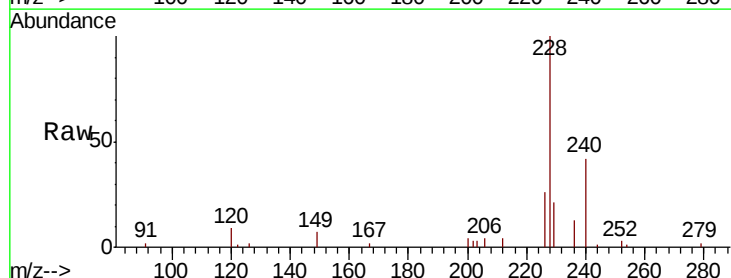
Tgt Ion:228 Resp: 11907

Ion Ratio Lower Upper

228 100

226 26.3 22.0 33.0

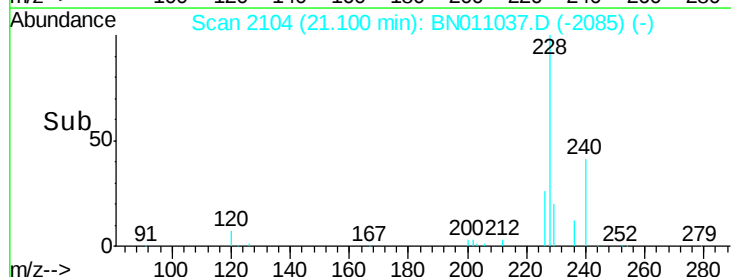
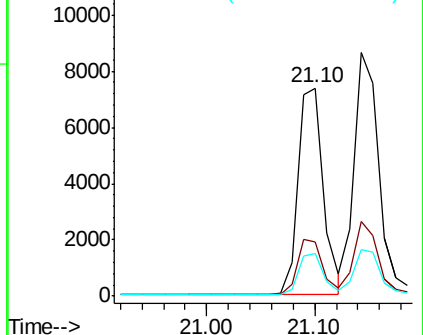
229 20.8 15.9 23.9

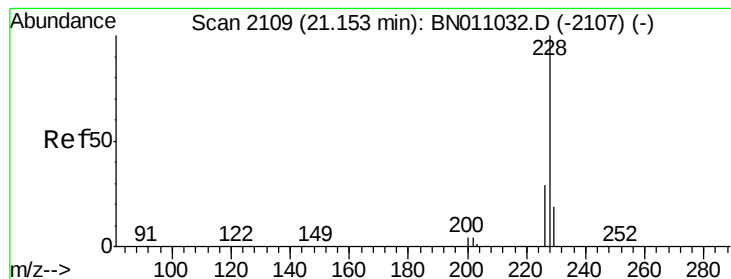


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.413 ng

RT: 21.14 min Scan# 2108

Delta R.T. -0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

Instrument :

BNA_N

ClientSampleId :

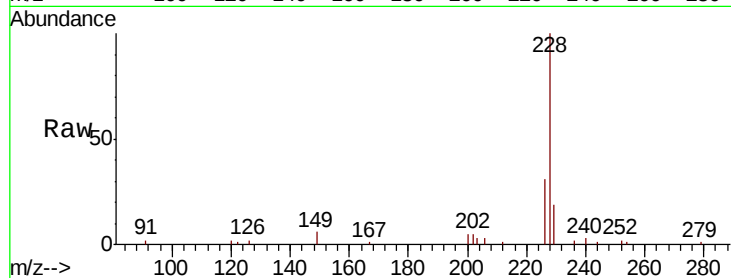
Tot Ion:228 Resp: 13612

Ion Ratio Lower Upper

228 100

226 30.6 23.8 35.6

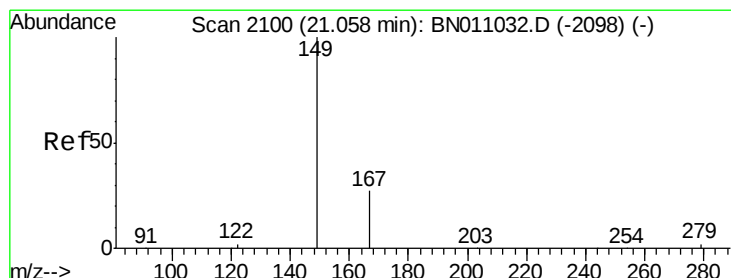
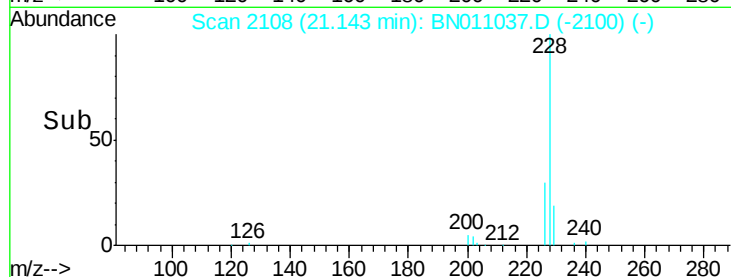
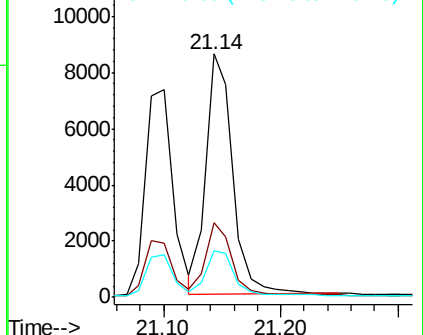
229 19.2 15.8 23.6



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: 0.363 ng

RT: 21.06 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

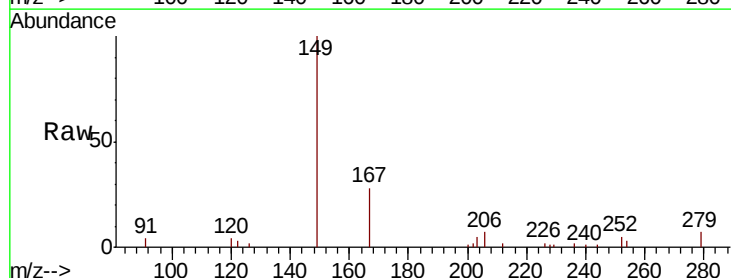
Tgt Ion:149 Resp: 4419

Ion Ratio Lower Upper

149 100

167 27.9 22.2 33.2

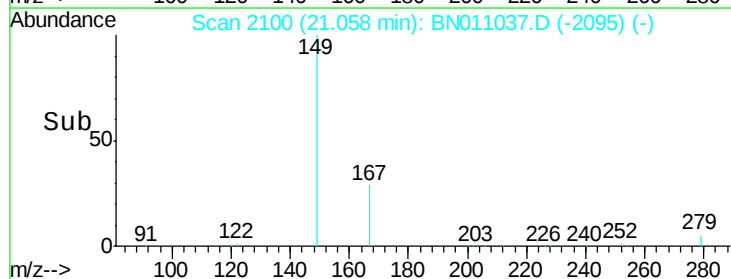
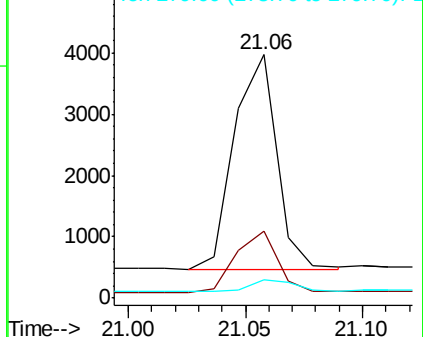
279 5.0 3.9 5.9

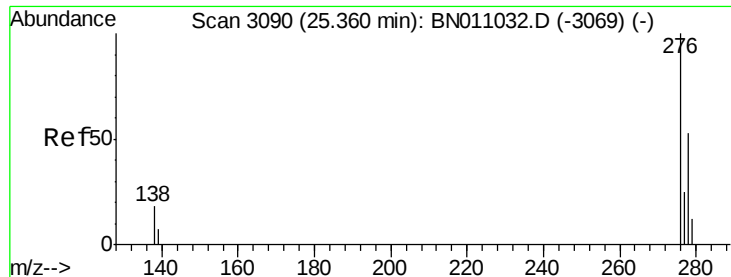


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

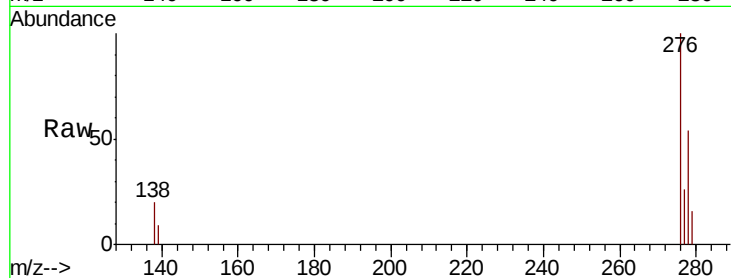




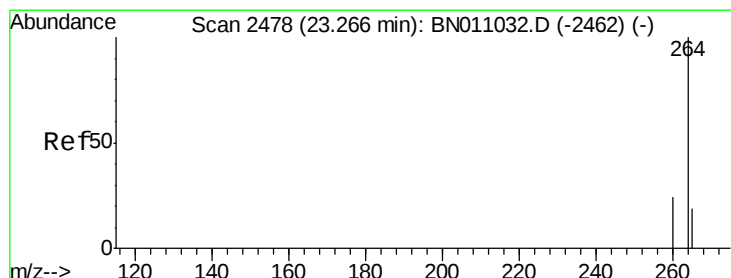
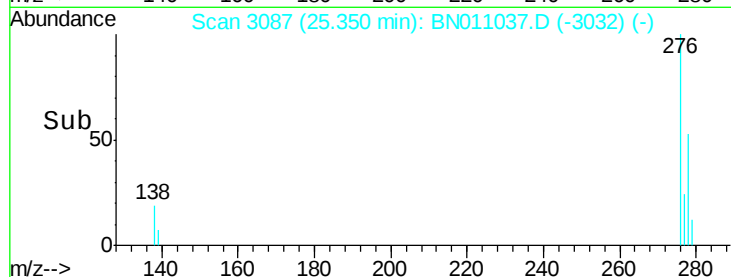
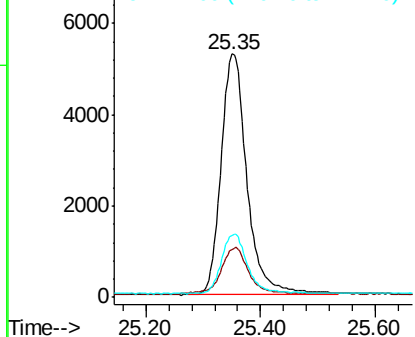
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.454 ng
 RT: 25.35 min Scan# 3087
 Delta R.T. -0.01 min
 Lab File: BN011037.D
 Acq: 23 Jun 2020 19:34

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 16670
 Ion Ratio Lower Upper
 276 100
 138 20.2 16.2 24.2
 277 24.8 19.9 29.9

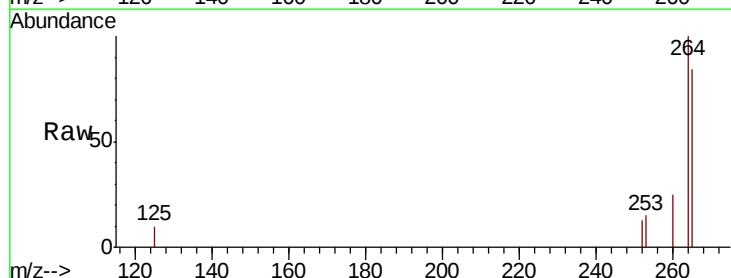


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

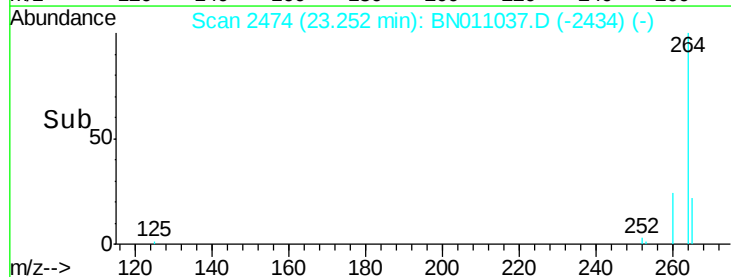
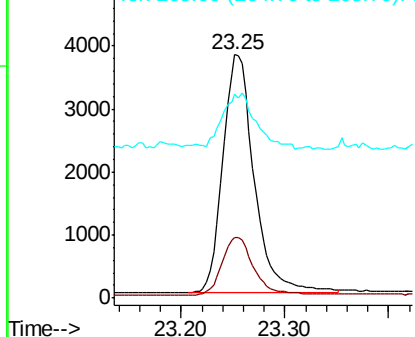


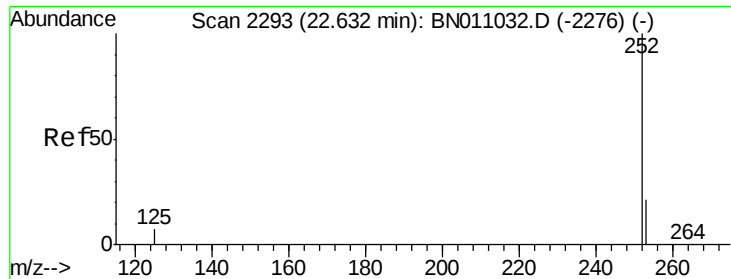
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.25 min Scan# 2474
 Delta R.T. -0.01 min
 Lab File: BN011037.D
 Acq: 23 Jun 2020 19:34

Tgt Ion:264 Resp: 7933
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.0 30.0
 265 83.7 64.9 97.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

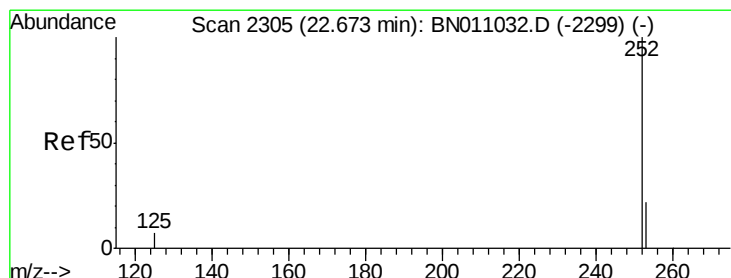
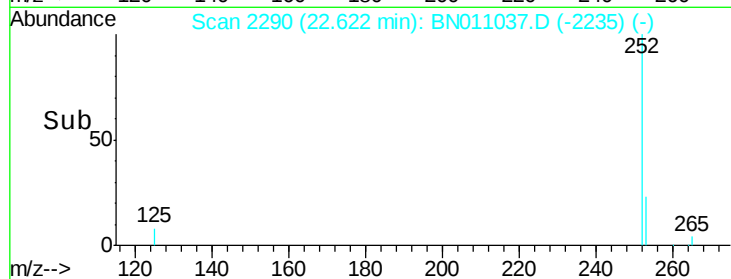
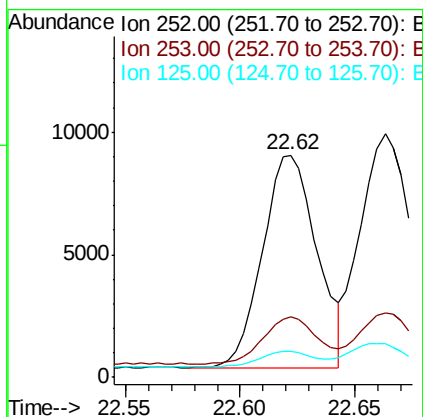
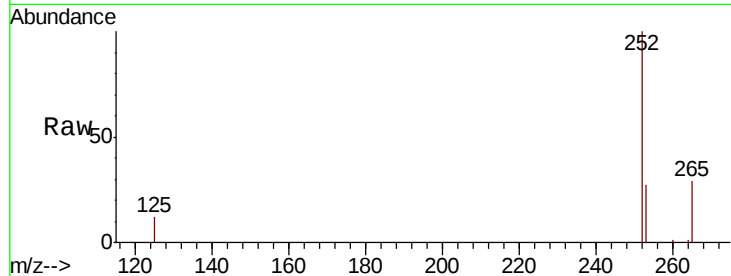




#37
Benzo(b)fluoranthene
Concen: 0.455 ng
RT: 22.62 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

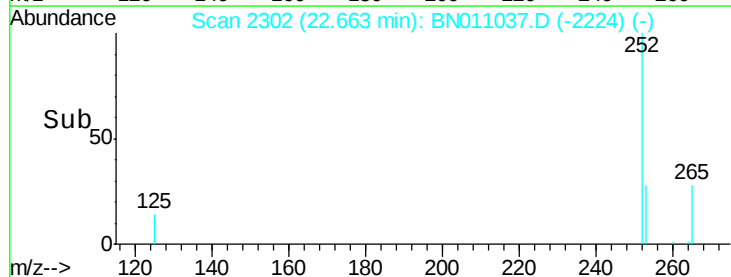
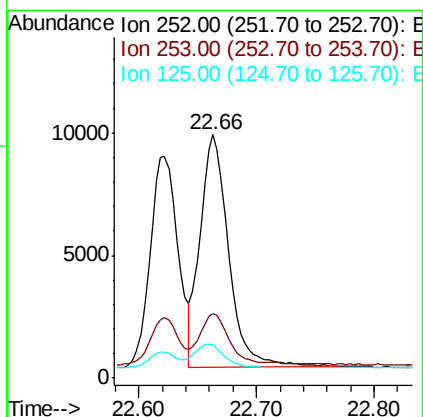
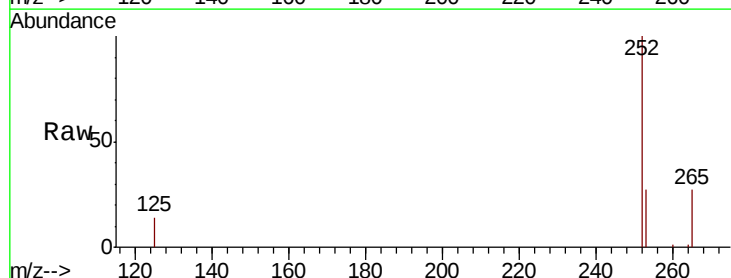
Instrument :
BNA_N
ClientSampleId :

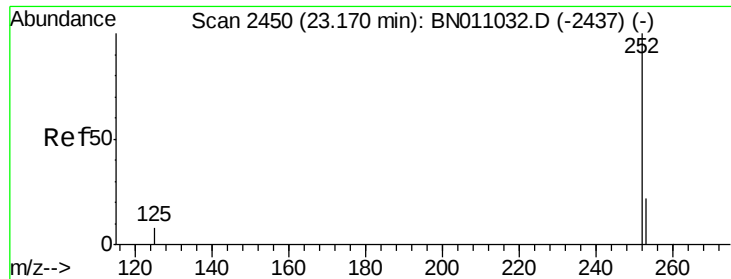
Tot Ion:252 Resp: 14283
Ion Ratio Lower Upper
252 100
253 27.1 21.4 32.0
125 11.9 9.3 13.9



#38
Benzo(k)fluoranthene
Concen: 0.488 ng
RT: 22.66 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BN011037.D
Acq: 23 Jun 2020 19:34

Tgt Ion:252 Resp: 15933
Ion Ratio Lower Upper
252 100
253 26.6 21.8 32.6
125 13.8 9.8 14.6





#39

Benzo(a)pyrene

Concen: 0.405 ng

RT: 23.16 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

Instrument :

BNA_N

ClientSampleId :

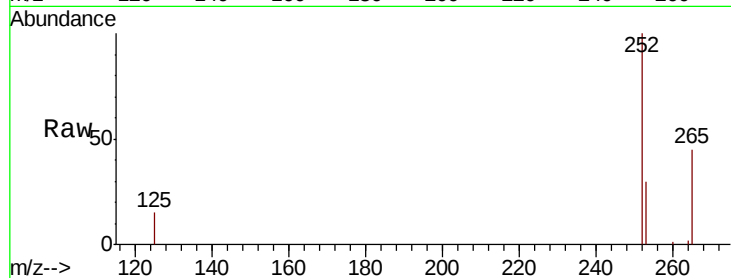
Tot Ion:252 Resp: 11280

Ion Ratio Lower Upper

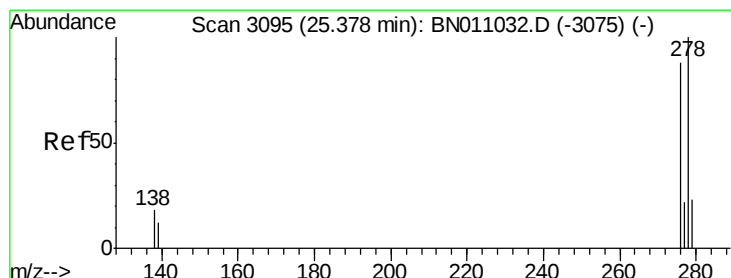
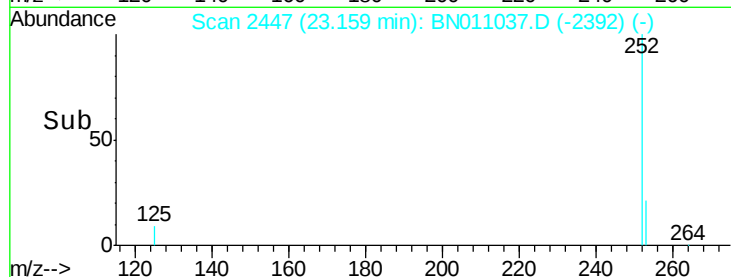
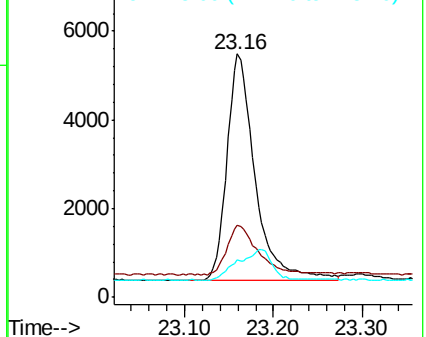
252 100

253 29.6 23.1 34.7

125 15.3 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: 0.447 ng

RT: 25.37 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

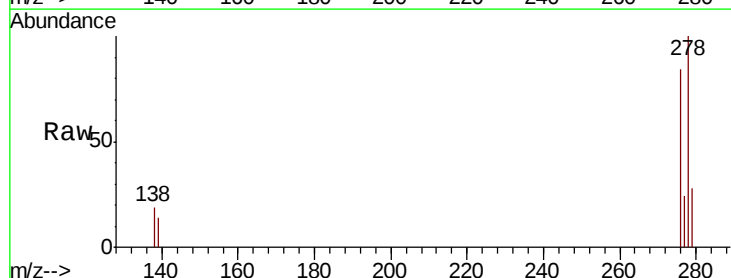
Tgt Ion:278 Resp: 13420

Ion Ratio Lower Upper

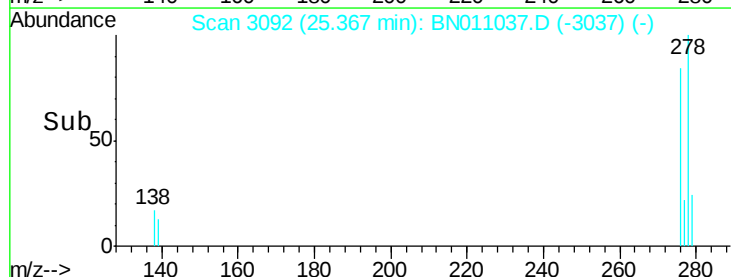
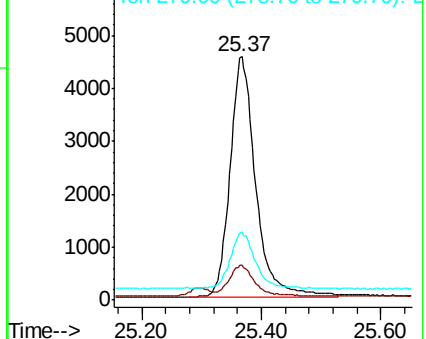
278 100

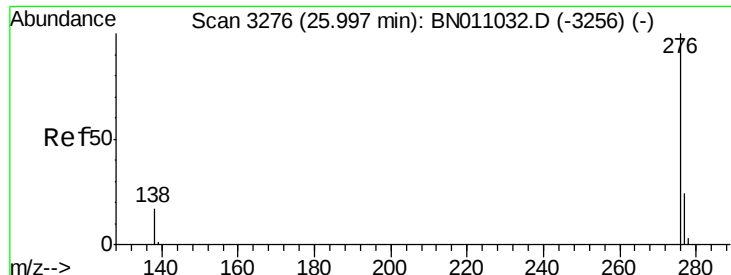
139 14.2 11.2 16.8

279 28.2 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: 0.403 ng

RT: 25.99 min Scan# 3273

Delta R.T. -0.01 min

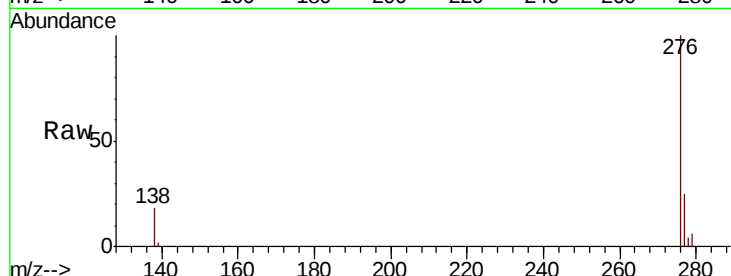
Lab File: BN011037.D

Acq: 23 Jun 2020 19:34

Instrument :

BNA_N

ClientSampleId :



Tot Ion:276 Resp: 12530

Ion Ratio Lower Upper

276 100

277 25.0 20.4 30.6

138 18.2 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

