

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN063020\
 Data File : BN011077.D
 Acq On : 30 Jun 2020 12:19
 Operator : CG/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

Quant Time: Jun 30 12:50:57 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 11:38:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1862	0.40	ng	0.00
7) Naphthalene-d8	10.27	136	5952	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	3133	0.40	ng	0.00
19) Phenanthrene-d10	16.89	188	6356	0.40	ng	-0.01
29) Chrysene-d12	21.10	240	6223	0.40	ng	-0.01
36) Perylene-d12	23.25	264	5594	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	8331	1.59	ng	0.00
5) Phenol-d6	6.72	99	9298	1.50	ng	0.00
8) Nitrobenzene-d5	8.66	82	8956	1.65	ng	0.00
11) 2-Methylnaphthalene-d10	11.86	152	16647	1.59	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	2164	1.57	ng	-0.01
15) 2-Fluorobiphenyl	12.75	172	24585	1.68	ng	-0.01
27) Fluoranthene-d10	18.93	212	31249	1.55	ng	0.00
31) Terphenyl-d14	19.55	244	26658	1.60	ng	0.00

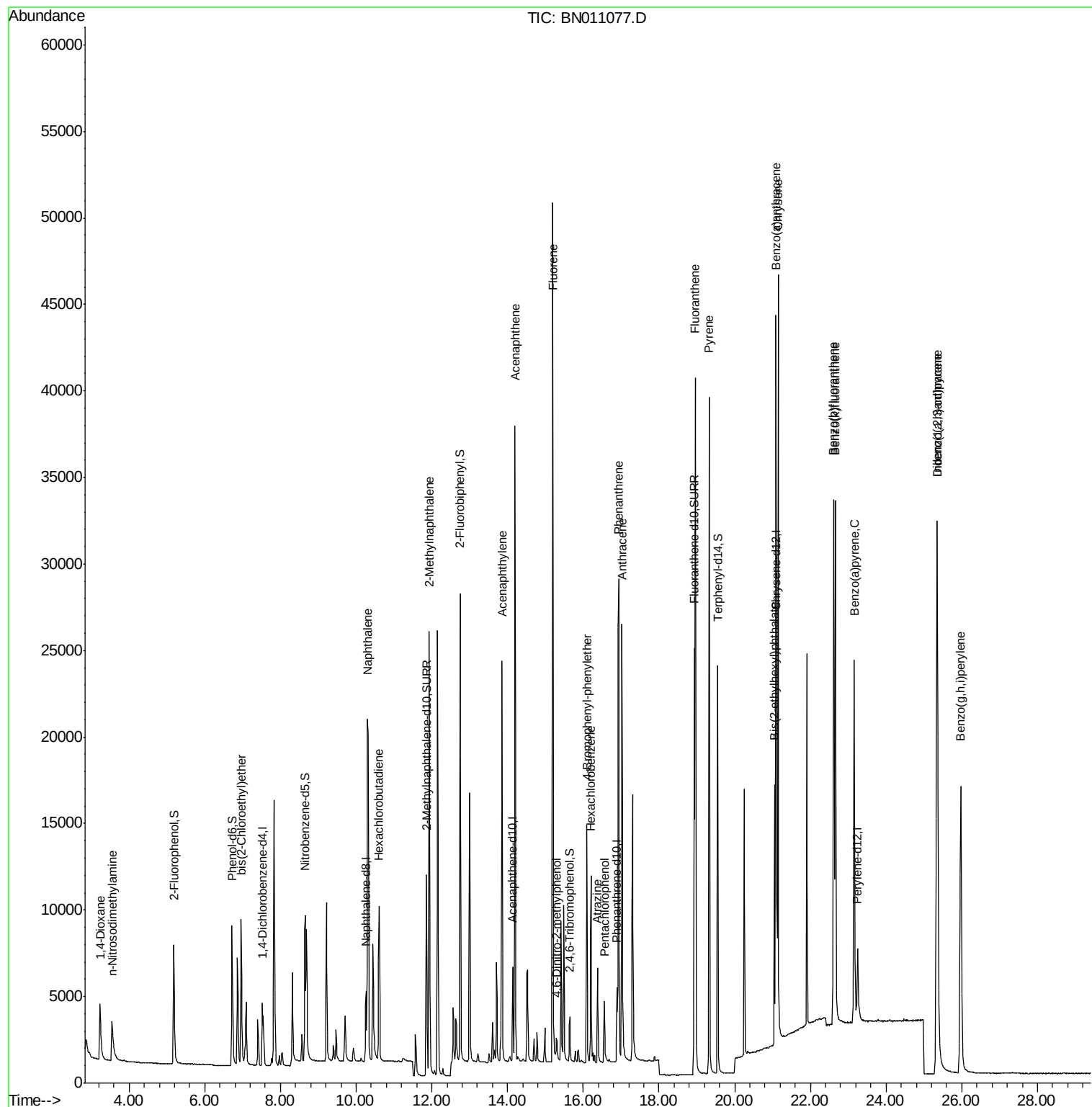
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	4570	1.826	ng	99
3) n-Nitrosodimethylamine	3.54	42	2533	1.814	ng	# 95
6) bis(2-Chloroethyl)ether	6.97	93	8481	1.580	ng	95
9) Naphthalene	10.30	128	29208	1.616	ng	98
10) Hexachlorobutadiene	10.61	225	7098	1.629	ng	# 100
12) 2-Methylnaphthalene	11.93	142	19411	1.603	ng	98
16) Acenaphthylene	13.85	152	26330	1.668	ng	99
17) Acenaphthene	14.20	154	17540	1.654	ng	99
18) Fluorene	15.20	166	21819	1.613	ng	100
20) 4,6-Dinitro-2-methylphenol	15.30	198	1456	1.368	ng	# 44
21) 4-Bromophenyl-phenylether	16.09	248	7104	1.617	ng	# 79
22) Hexachlorobenzene	16.20	284	7772	1.599	ng	97
23) Atrazine	16.37	200	4994	1.537	ng	96
24) Pentachlorophenol	16.56	266	2301	1.497	ng	95
25) Phenanthrene	16.93	178	33709	1.574	ng	100
26) Anthracene	17.02	178	28744	1.617	ng	99
28) Fluoranthene	18.96	202	38602	1.577	ng	99
30) Pyrene	19.33	202	38098	1.591	ng	99
32) Benzo(a)anthracene	21.09	228	34431	1.597	ng	99
33) Chrysene	21.14	228	39541	1.683	ng	98
34) Bis(2-ethylhexyl)phthalate	21.05	149	12973	1.497	ng	99
35) Indeno(1,2,3-cd)pyrene	25.35	276	40537	1.551	ng	99
37) Benzo(b)fluoranthene	22.62	252	37401	1.691	ng	# 90
38) Benzo(k)fluoranthene	22.66	252	38973	1.694	ng	# 90
39) Benzo(a)pyrene	23.15	252	31818	1.619	ng	# 86
40) Dibenzo(a,h)anthracene	25.36	278	32932	1.555	ng	# 90
41) Benzo(g,h,i)perylene	25.98	276	34812	1.586	ng	97

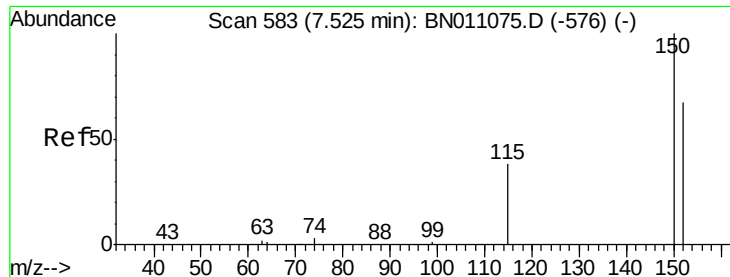
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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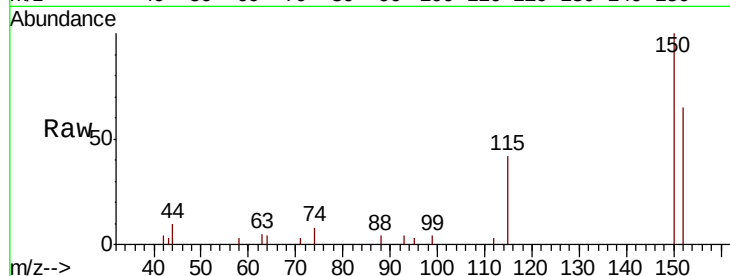


#1

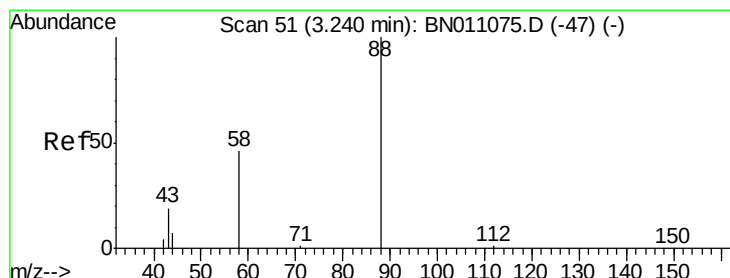
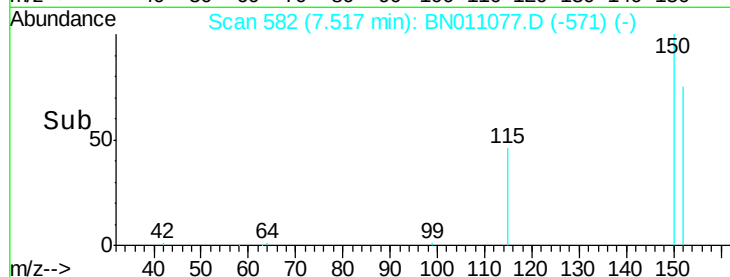
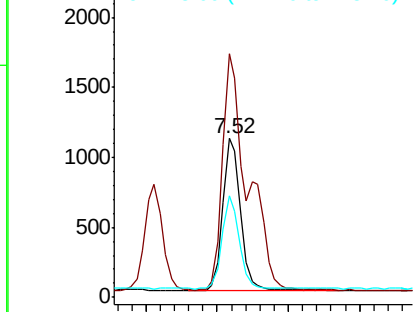
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. -0.01 min
Lab File: BN011077.D
Acq: 30 Jun 2020 12:19

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tot Ion:152 Resp: 1862
Ion Ratio Lower Upper
152 100
150 153.4 117.4 176.0
115 64.4 47.9 71.9



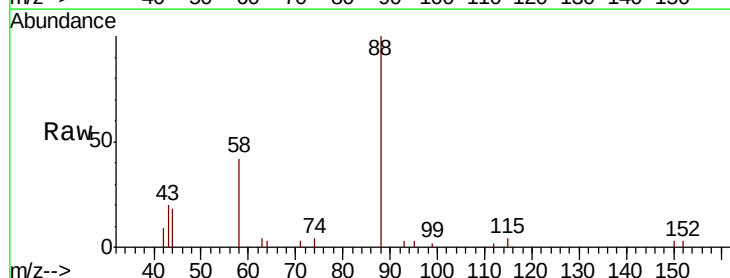
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



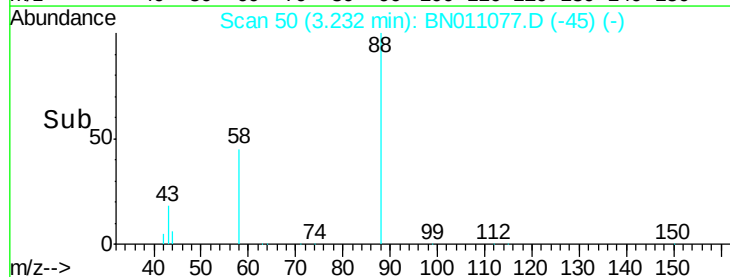
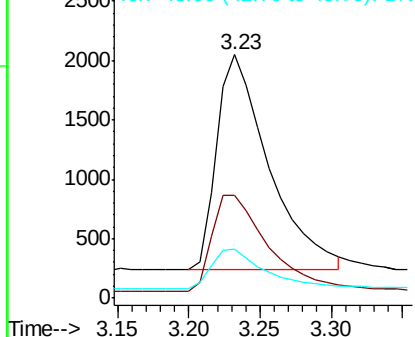
#2

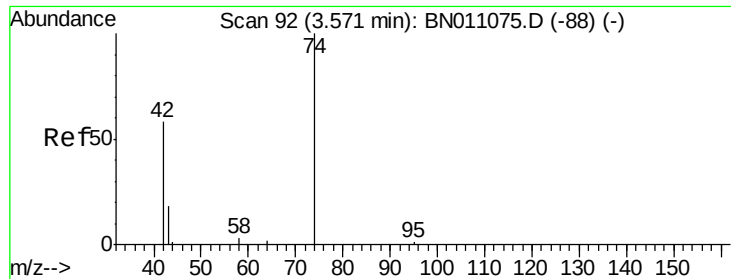
1,4-Dioxane
Concen: 1.826 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.01 min
Lab File: BN011077.D
Acq: 30 Jun 2020 12:19

Tgt Ion: 88 Resp: 4570
Ion Ratio Lower Upper
88 100
58 47.7 38.6 57.8
43 18.5 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



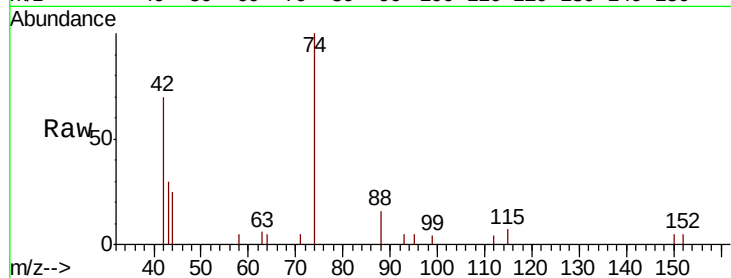


#3

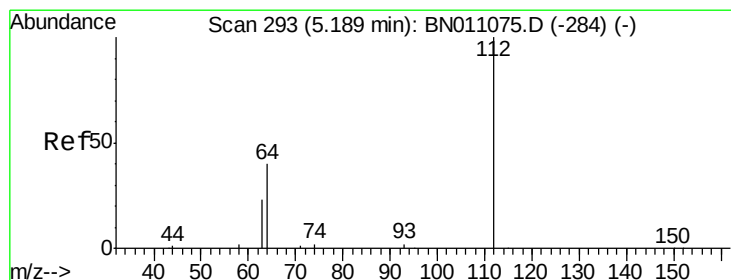
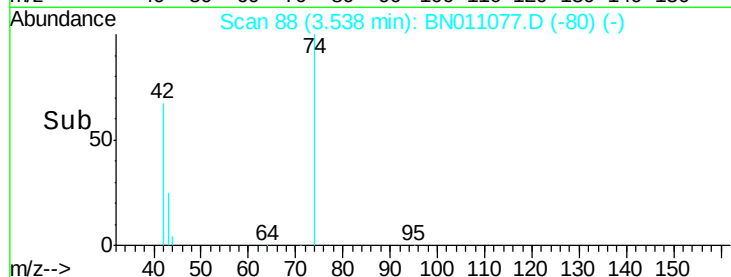
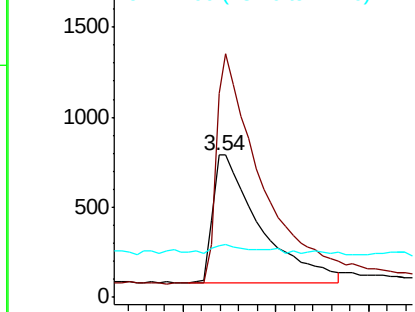
n-Nitrosodimethylamine
 Concen: 1.814 ng
 RT: 3.54 min Scan# 88
 Delta R.T. -0.03 min
 Lab File: BN011077.D
 Acq: 30 Jun 2020 12:19

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

Tot Ion: 42 Resp: 2533
 Ion Ratio Lower Upper
 42 100
 74 170.7 142.5 213.7
 44 5.1 0.0 0.0#



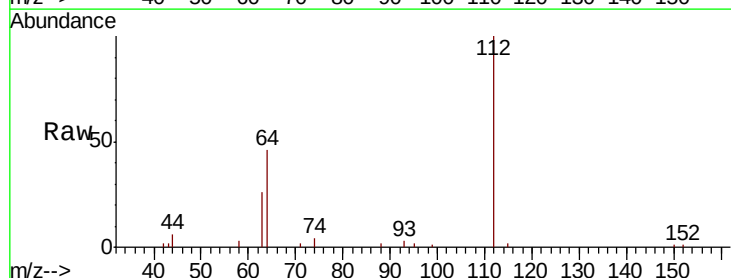
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



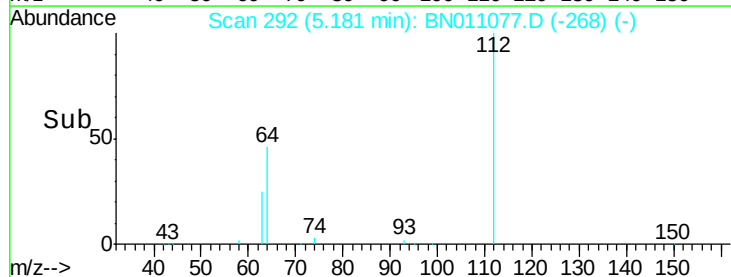
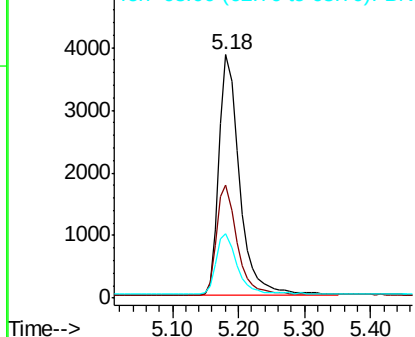
#4

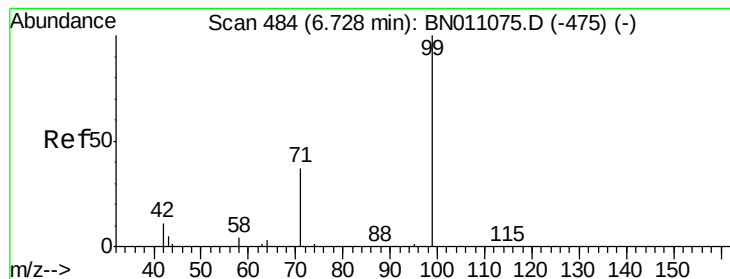
2-Fluorophenol
 Concen: 1.587 ng
 RT: 5.18 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: BN011077.D
 Acq: 30 Jun 2020 12:19

Tgt Ion: 112 Resp: 8331
 Ion Ratio Lower Upper
 112 100
 64 46.1 36.5 54.7
 63 26.2 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: 1.496 ng

RT: 6.72 min Scan# 483

Delta R.T. -0.01 min

Lab File: BN011077.D

Acq: 30 Jun 2020 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

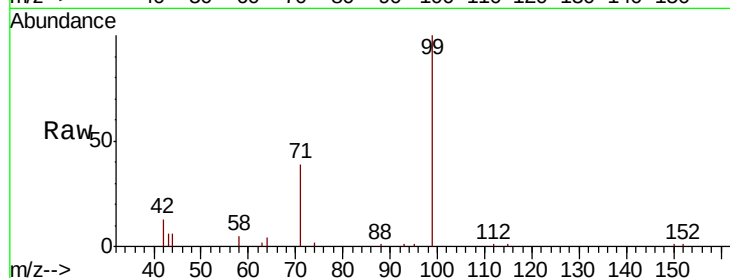
Tot Ion: 99 Resp: 9298

Ion Ratio Lower Upper

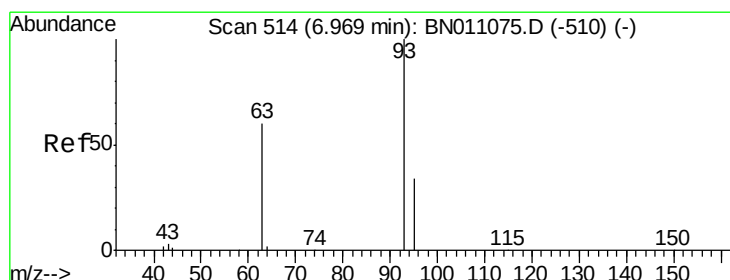
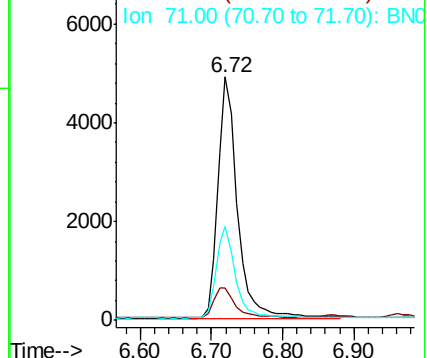
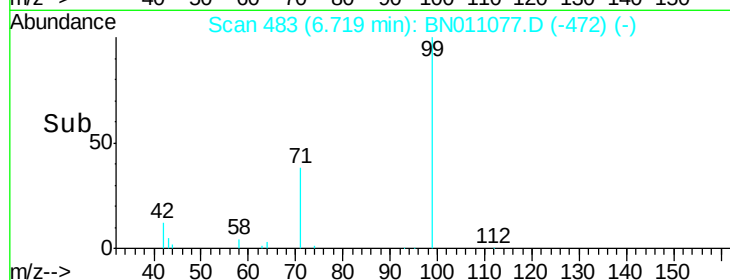
99 100

42 13.1 9.8 14.8

71 37.6 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BN011077.D (-472) (-)



#6

bis(2-Chloroethyl)ether

Concen: 1.580 ng

RT: 6.97 min Scan# 514

Delta R.T. -0.00 min

Lab File: BN011077.D

Acq: 30 Jun 2020 12:19

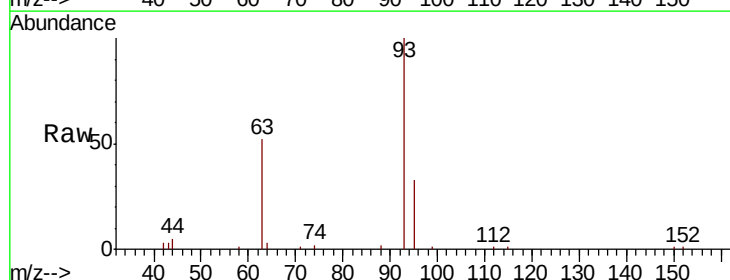
Tgt Ion: 93 Resp: 8481

Ion Ratio Lower Upper

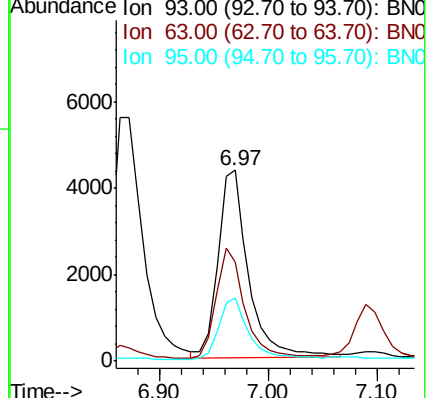
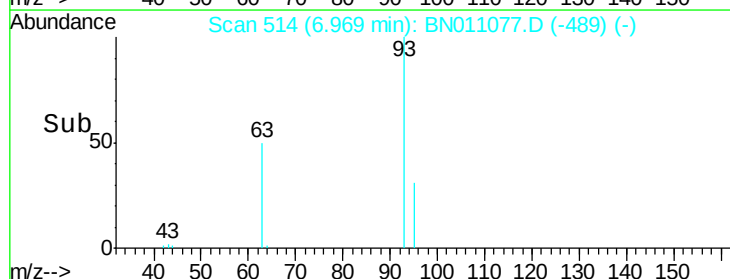
93 100

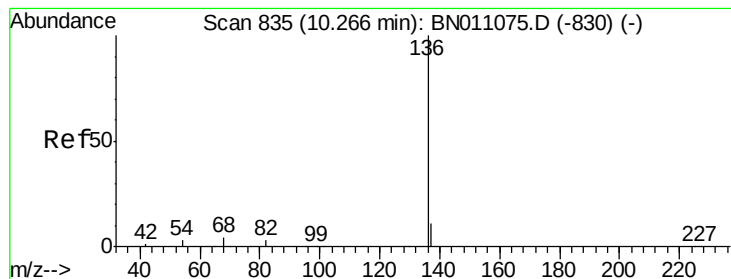
63 54.4 47.4 71.2

95 31.4 26.4 39.6



Abundance Ion 93.00 (92.70 to 93.70): BN011077.D (-489) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.27 min Scan# 835

Delta R.T. -0.00 min

Lab File: BN011077.D

Acq: 30 Jun 2020 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 5952

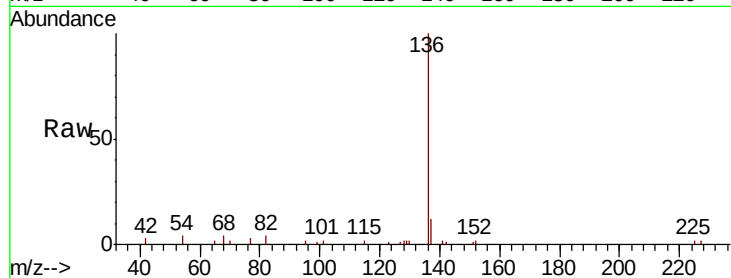
Ion Ratio Lower Upper

136 100

137 12.2 9.6 14.4

54 4.0 3.8 5.6

68 4.3 4.3 6.5#

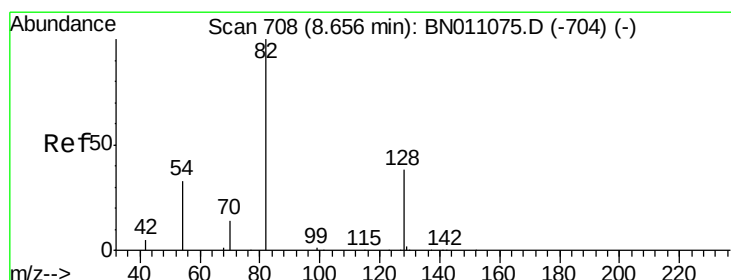
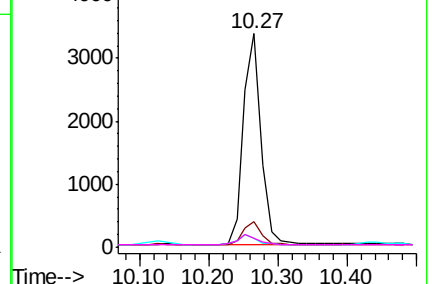
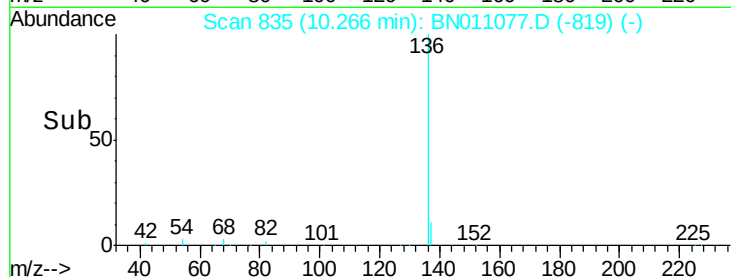


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 1.652 ng

RT: 8.66 min Scan# 708

Delta R.T. -0.00 min

Lab File: BN011077.D

Acq: 30 Jun 2020 12:19

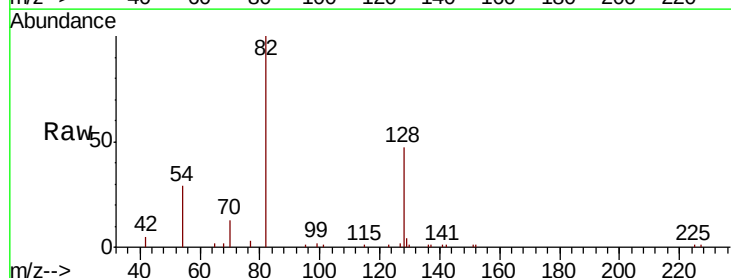
Tgt Ion: 82 Resp: 8956

Ion Ratio Lower Upper

82 100

128 47.4 34.2 51.2

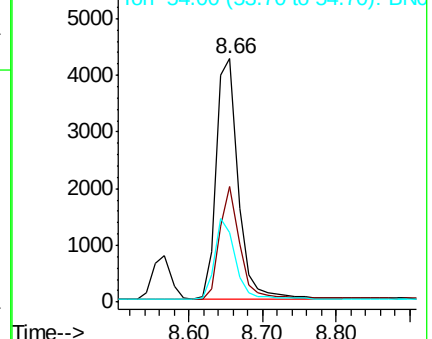
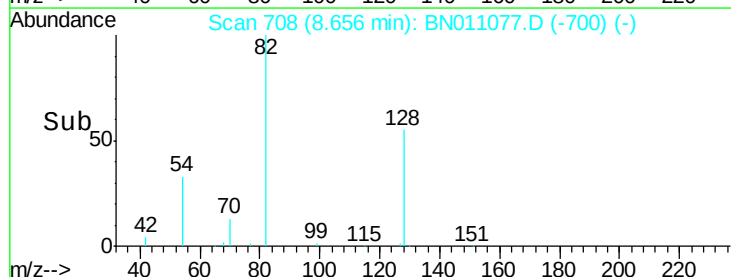
54 28.5 29.4 44.0#

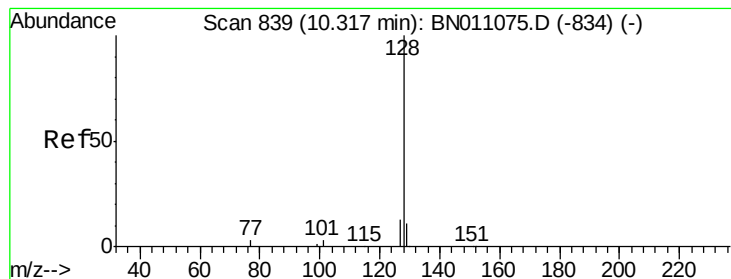


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 1.616 ng

RT: 10.30 min Scan# 838

Delta R.T. -0.01 min

Lab File: BN011077.D

Acq: 30 Jun 2020 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

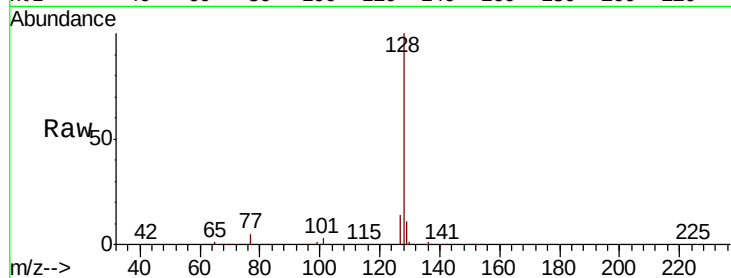
Tot Ion:128 Resp: 29208

Ion Ratio Lower Upper

128 100

129 11.2 9.8 14.8

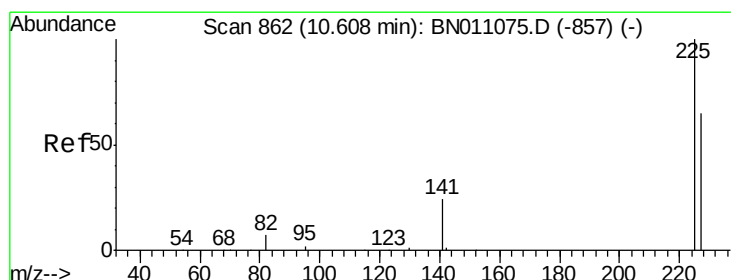
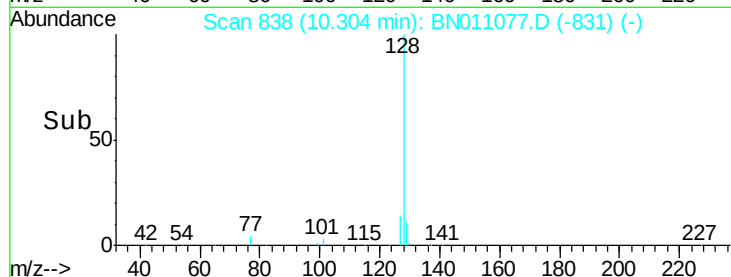
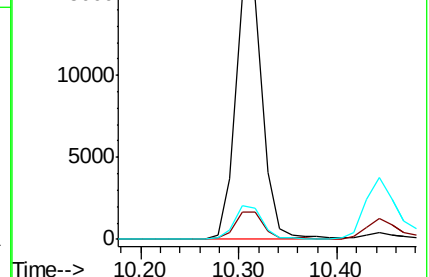
127 13.9 11.3 16.9



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: 1.629 ng

RT: 10.61 min Scan# 862

Delta R.T. -0.00 min

Lab File: BN011077.D

Acq: 30 Jun 2020 12:19

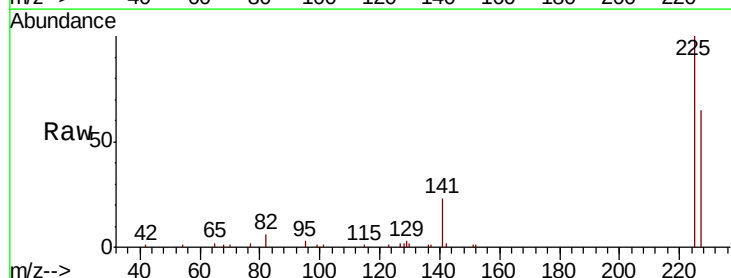
Tgt Ion:225 Resp: 7098

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

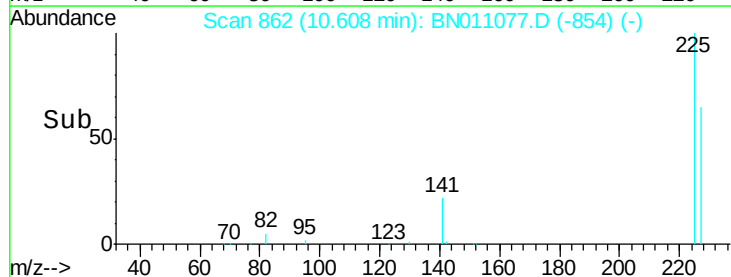
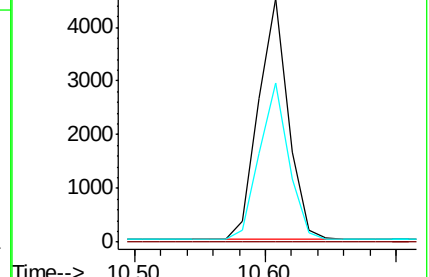
227 64.3 51.4 77.2

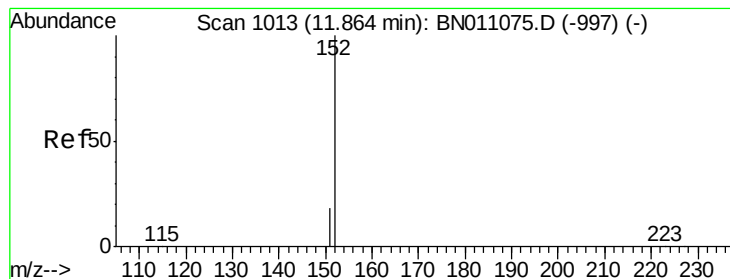


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.585 ng

RT: 11.86 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BN011077.D

Acq: 30 Jun 2020 12:19

Instrument :

BNA_N

ClientSampleId :

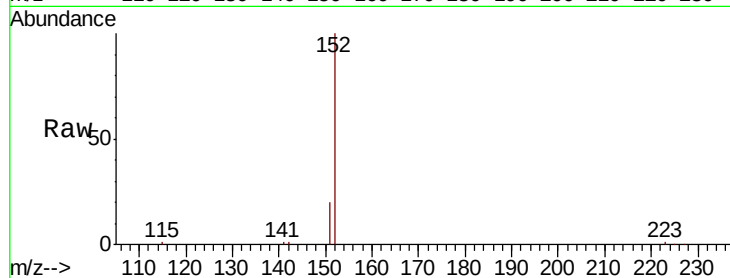
SSTDICC1.6

Tot Ion:152 Resp: 16647

Ion Ratio Lower Upper

152 100

151 20.5 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

10000

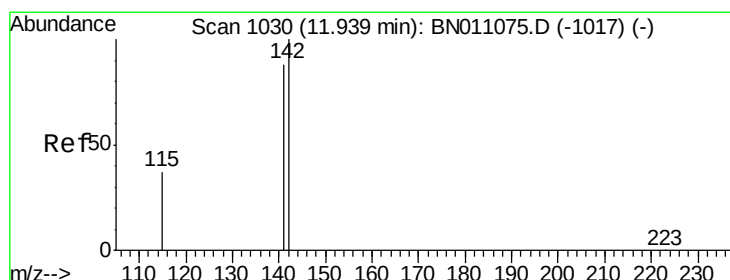
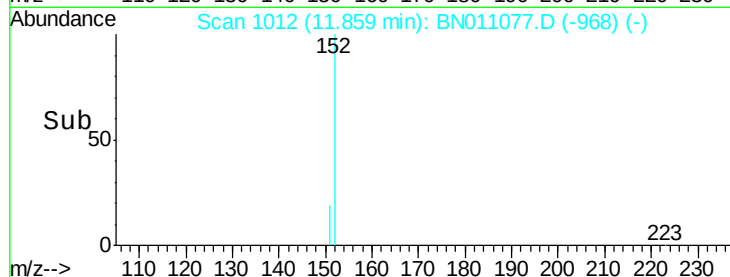
8000

6000

4000

2000

Time--> 11.80 11.90



#12

2-Methylnaphthalene

Concen: 1.603 ng

RT: 11.93 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BN011077.D

Acq: 30 Jun 2020 12:19

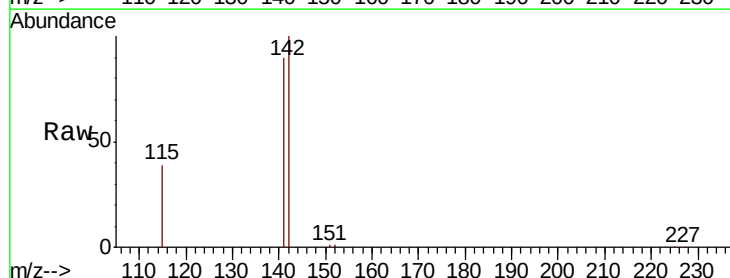
Tgt Ion:142 Resp: 19411

Ion Ratio Lower Upper

142 100

141 90.2 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

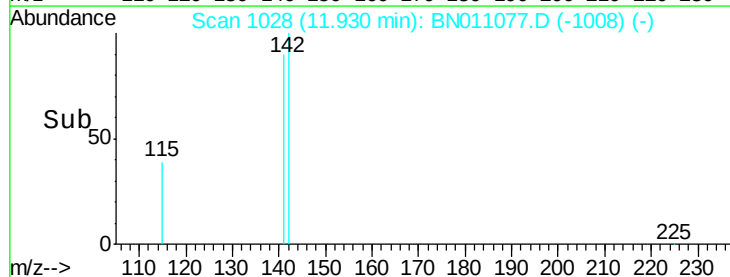
11.93

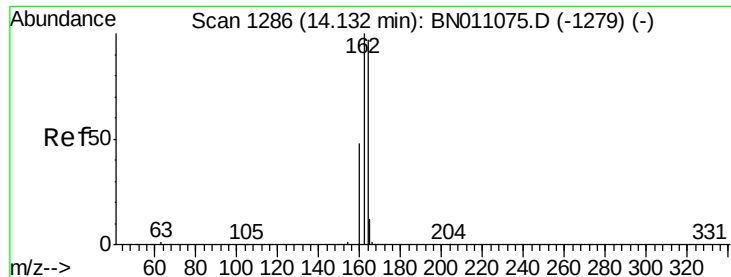
15000

10000

5000

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: BN011077.D

Acq: 30 Jun 2020 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

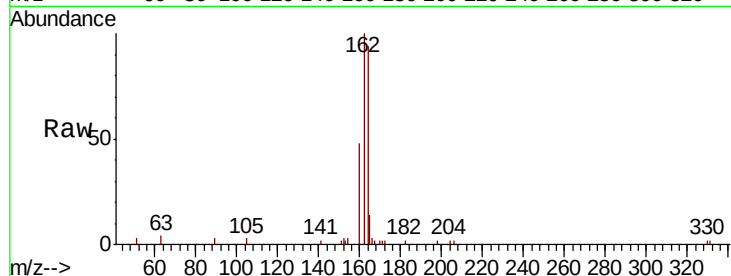
Tot Ion:164 Resp: 3133

Ion Ratio Lower Upper

164 100

162 106.0 82.3 123.5

160 50.4 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

14.13

2000

1500

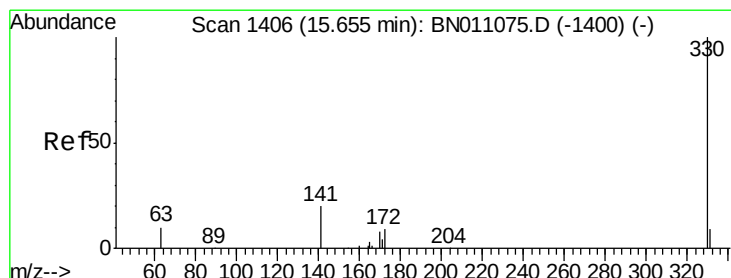
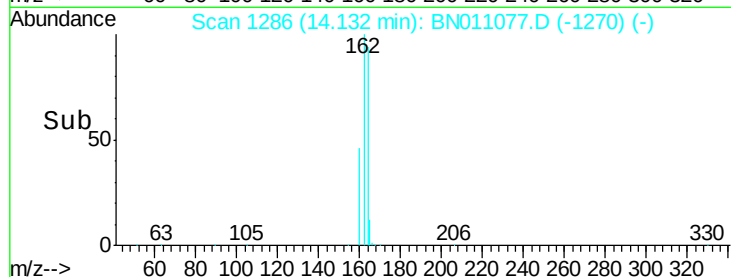
1000

500

0

Time-->

14.00 14.10 14.20 14.30



#14

2,4,6-Tribromophenol

Concen: 1.572 ng

RT: 15.64 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BN011077.D

Acq: 30 Jun 2020 12:19

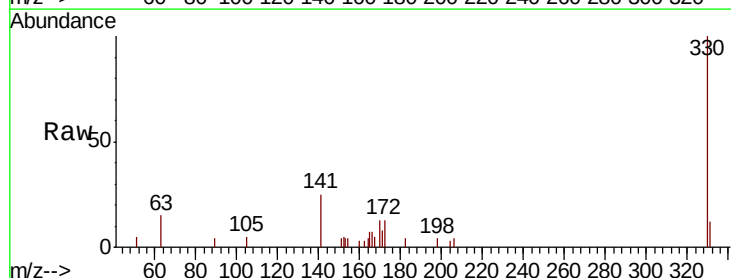
Tgt Ion:330 Resp: 2164

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 40.8 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

15.64

2000

1500

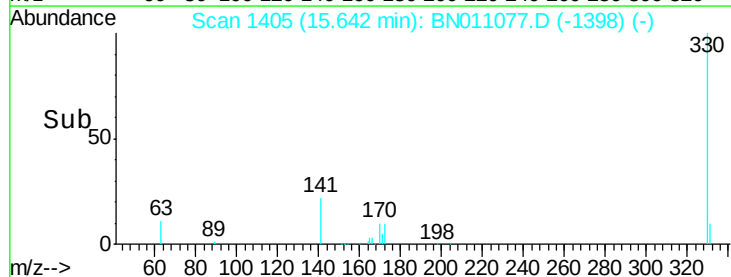
1000

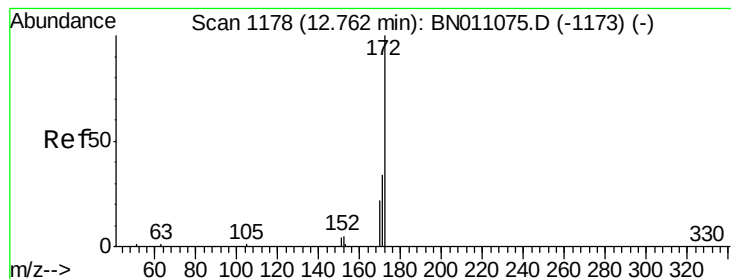
500

0

Time-->

15.50 15.60 15.70 15.80

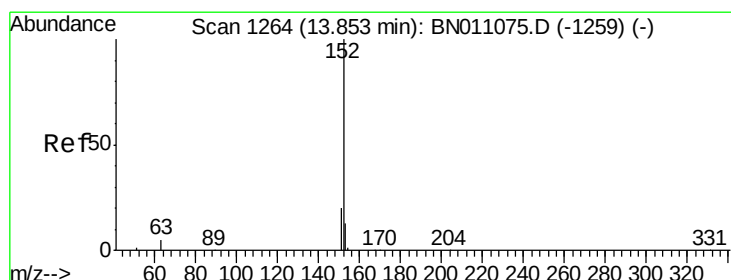
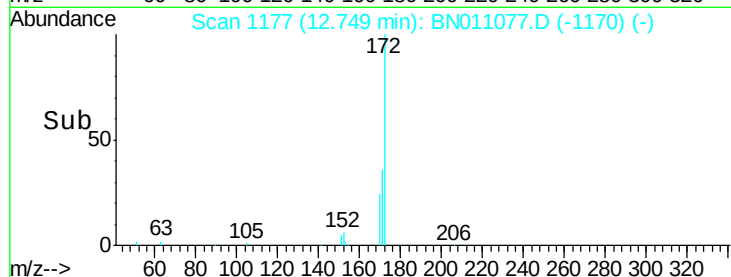
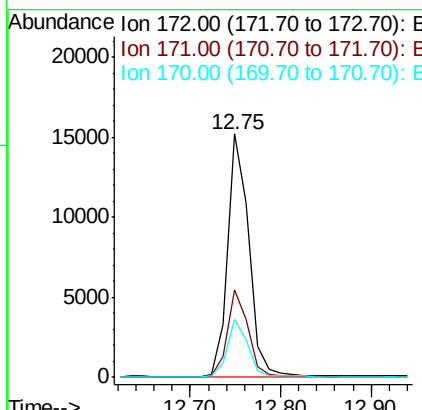
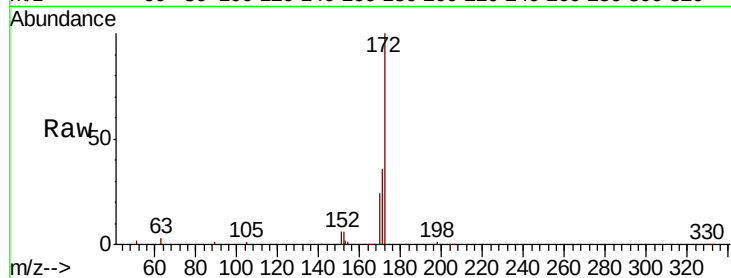




#15
2-Fluorobiphenyl
Concen: 1.683 ng
RT: 12.75 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN011077.D
Acq: 30 Jun 2020 12:19

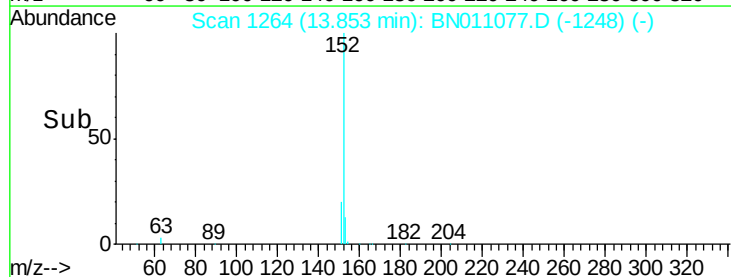
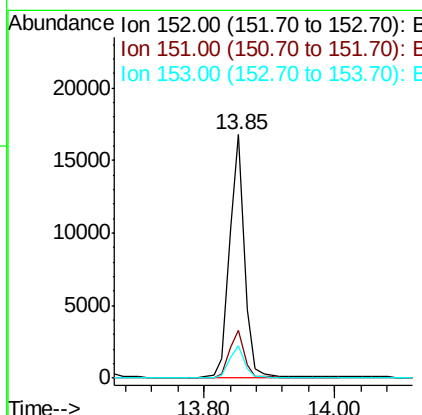
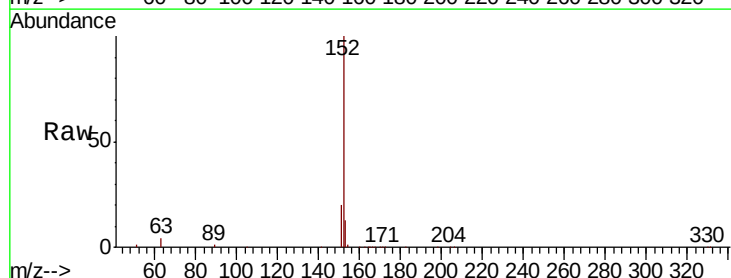
Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

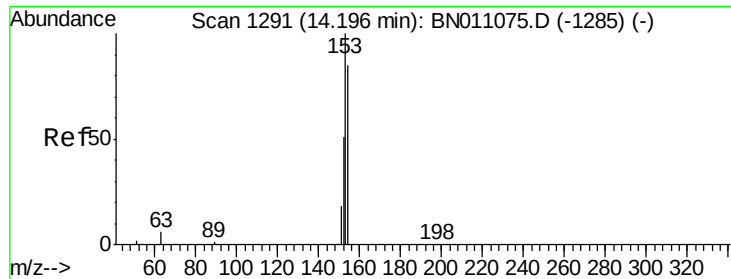
Tot Ion:172 Resp: 24585
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.9 18.7 28.1



#16
Acenaphthylene
Concen: 1.668 ng
RT: 13.85 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BN011077.D
Acq: 30 Jun 2020 12:19

Tgt Ion:152 Resp: 26330
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.2 10.8 16.2





#17

Acenaphthene

Concen: 1.654 ng

RT: 14.20 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BN011077.D

Acq: 30 Jun 2020 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

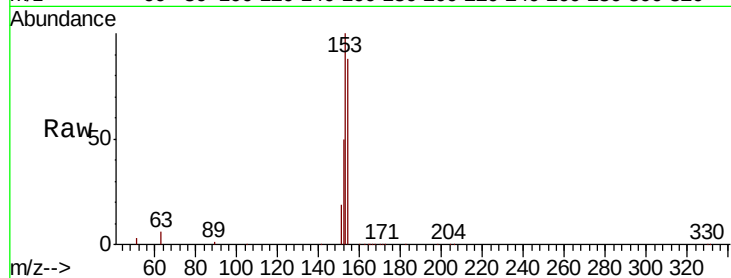
Tot Ion:154 Resp: 17540

Ion Ratio Lower Upper

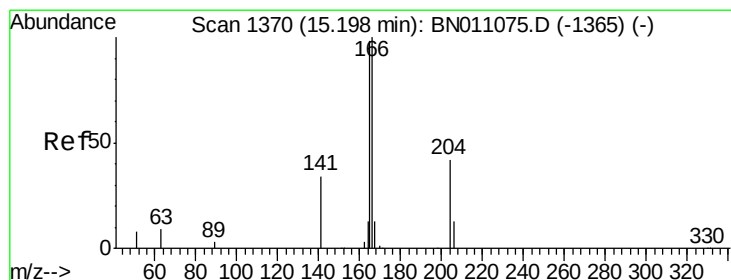
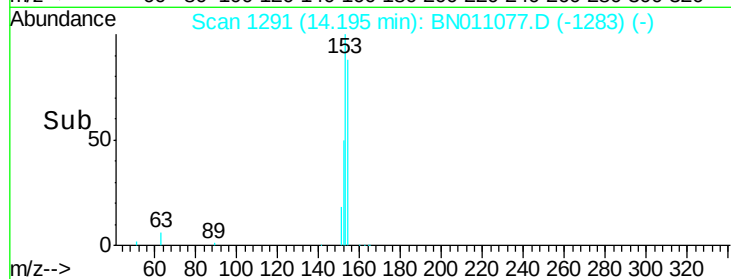
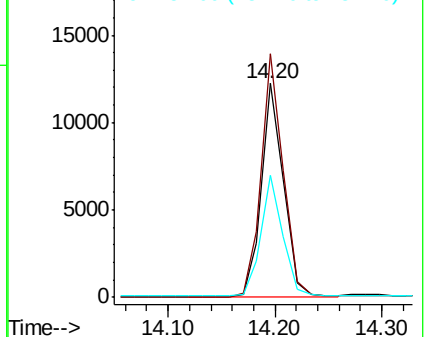
154 100

153 113.8 91.7 137.5

152 57.1 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: 1.613 ng

RT: 15.20 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BN011077.D

Acq: 30 Jun 2020 12:19

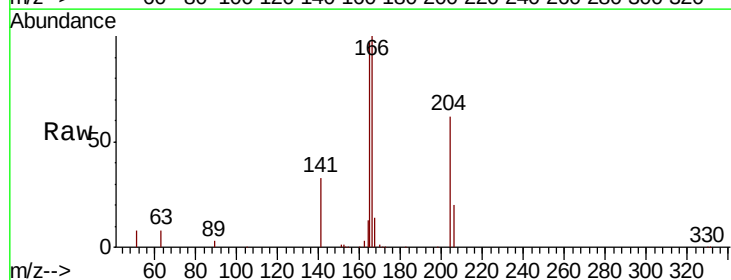
Tgt Ion:166 Resp: 21819

Ion Ratio Lower Upper

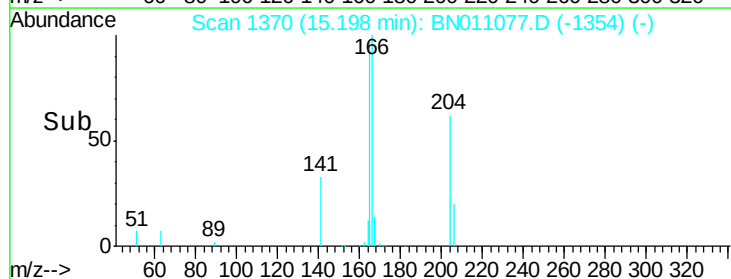
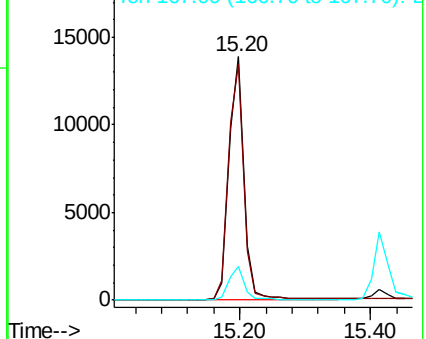
166 100

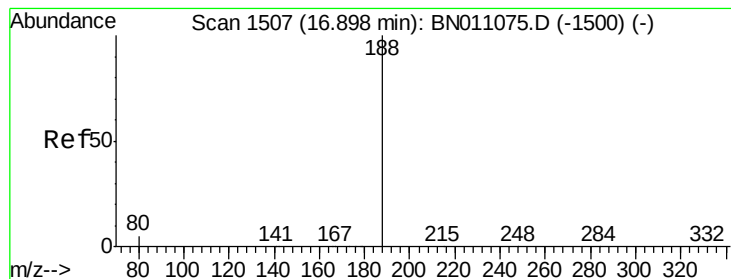
165 99.1 78.9 118.3

167 13.5 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: BN011077.D

Acq: 30 Jun 2020 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

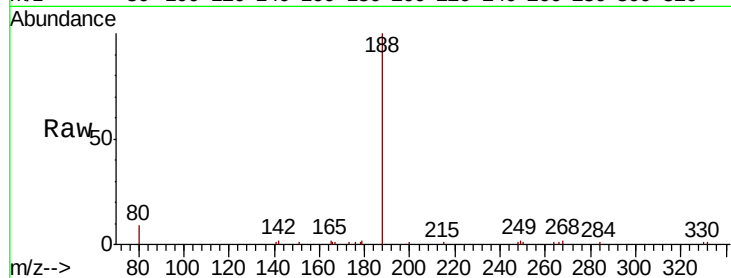
Tot Ion:188 Resp: 6356

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.1 5.3 7.9#



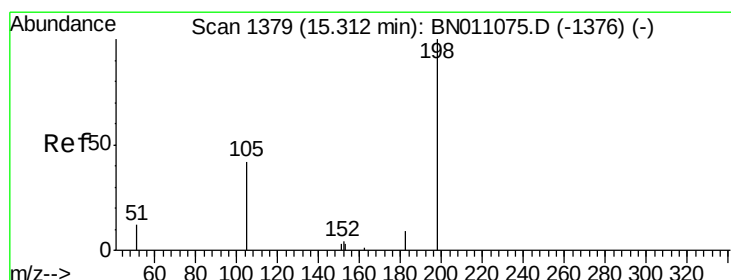
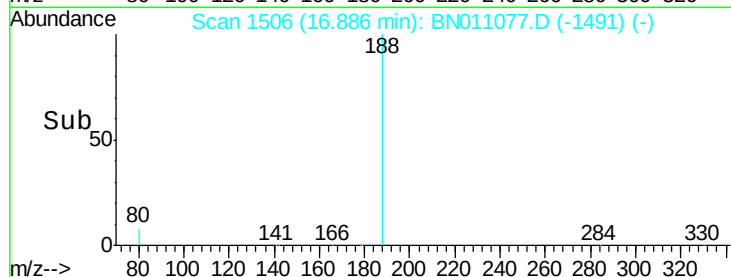
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

16.89

Time-->



#20

4,6-Dinitro-2-methylphenol

Concen: 1.368 ng

RT: 15.30 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BN011077.D

Acq: 30 Jun 2020 12:19

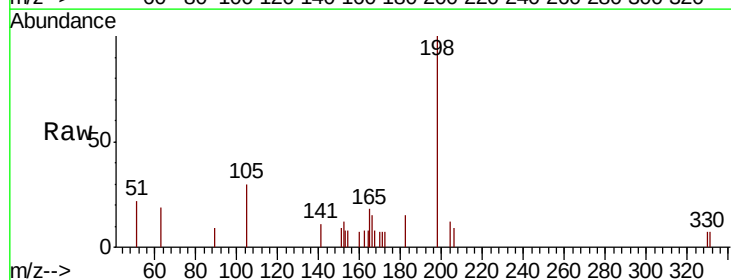
Tgt Ion:198 Resp: 1456

Ion Ratio Lower Upper

198 100

51 22.5 58.2 87.4#

105 30.0 59.0 88.4#



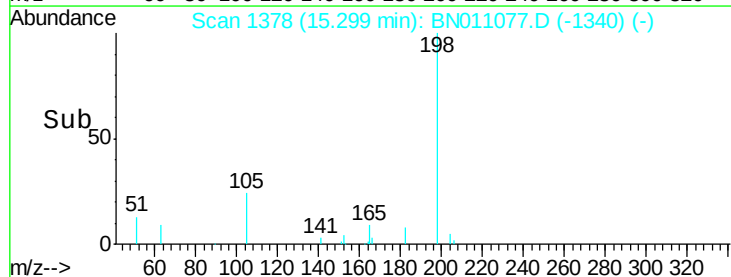
Abundance Ion 198.00 (197.70 to 198.70): E

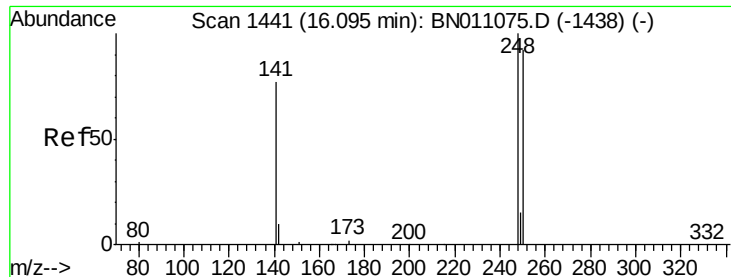
Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

15.30

Time-->

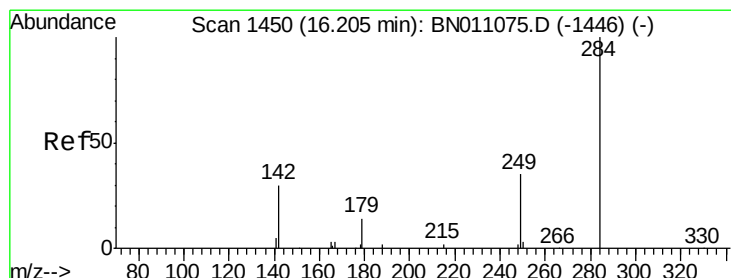
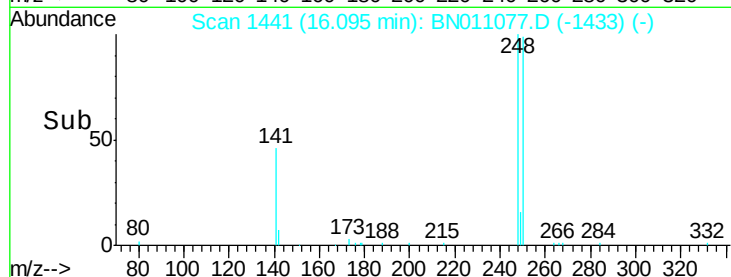
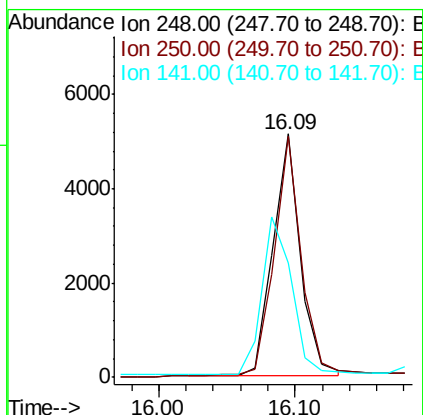
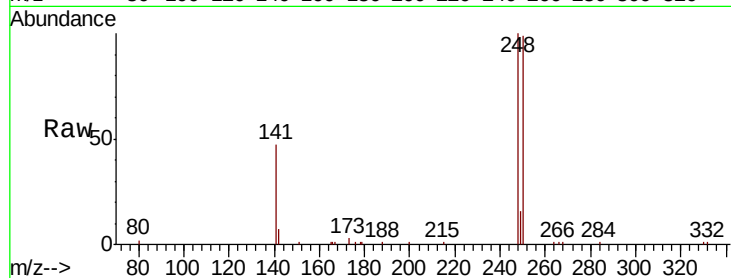




#21
4-Bromophenyl-phenylether
Concen: 1.617 ng
RT: 16.09 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BN011077.D
Acq: 30 Jun 2020 12:19

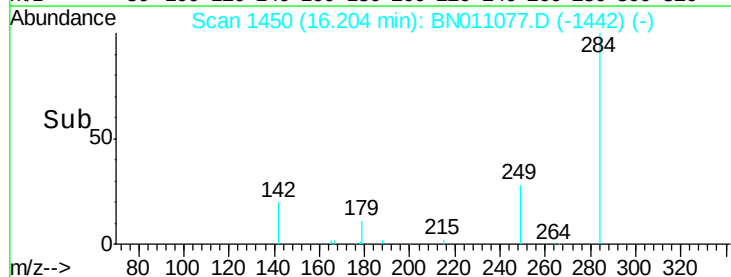
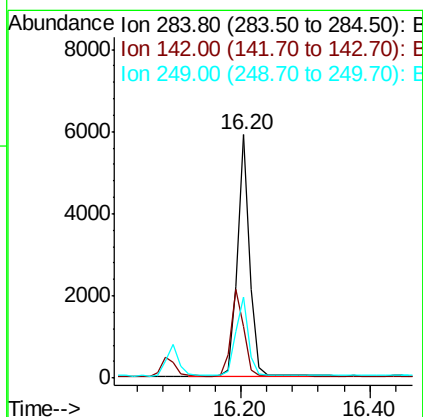
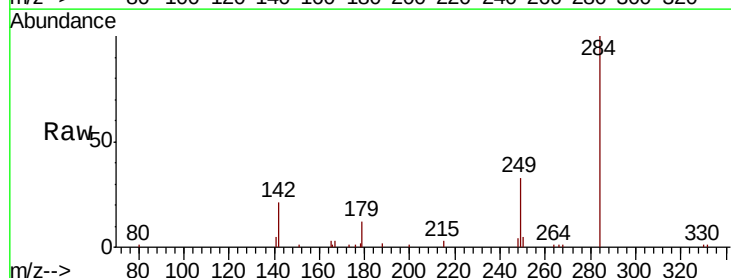
Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

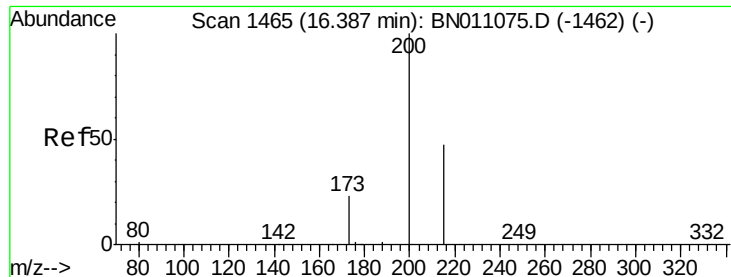
Tot Ion:248 Resp: 7104
Ion Ratio Lower Upper
248 100
250 99.0 73.8 110.8
141 46.9 63.1 94.7#



#22
Hexachlorobenzene
Concen: 1.599 ng
RT: 16.20 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BN011077.D
Acq: 30 Jun 2020 12:19

Tgt Ion:284 Resp: 7772
Ion Ratio Lower Upper
284 100
142 38.5 33.3 49.9
249 34.1 27.4 41.2





#23

Atrazine

Concen: 1.537 ng

RT: 16.37 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BN011077.D

Acq: 30 Jun 2020 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

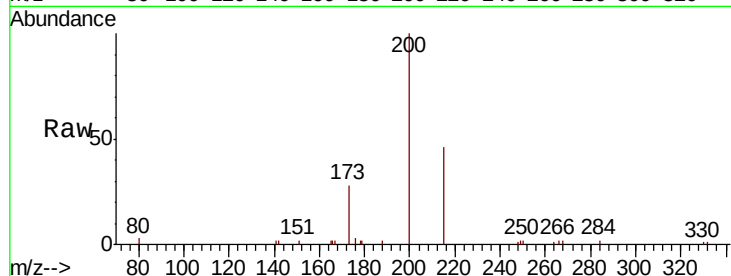
Tot Ion:200 Resp: 4994

Ion Ratio Lower Upper

200 100

173 28.0 22.8 34.2

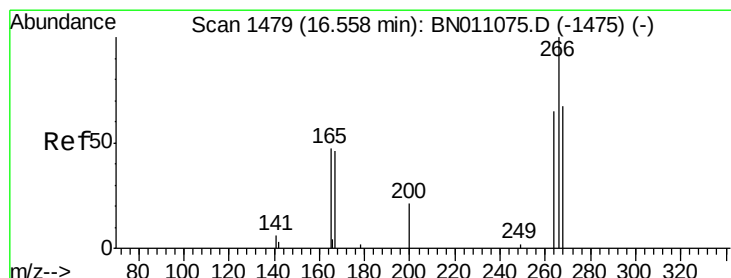
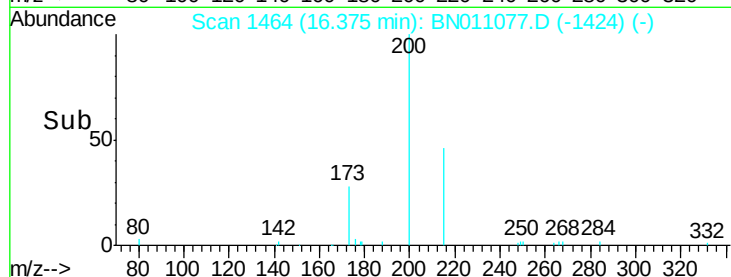
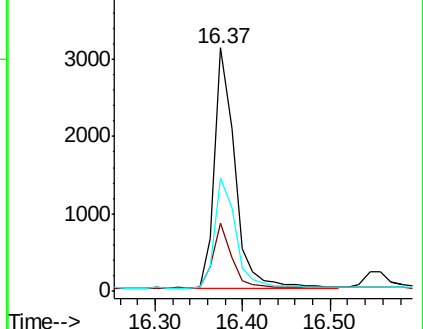
215 46.5 40.7 61.1



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: 1.497 ng

RT: 16.56 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BN011077.D

Acq: 30 Jun 2020 12:19

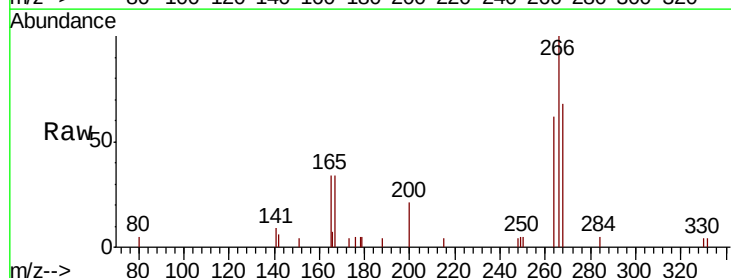
Tgt Ion:266 Resp: 2301

Ion Ratio Lower Upper

266 100

264 60.1 47.4 71.0

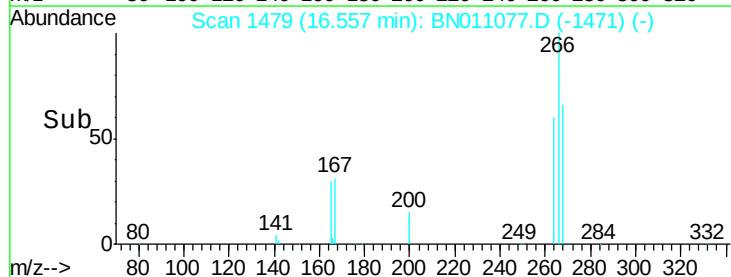
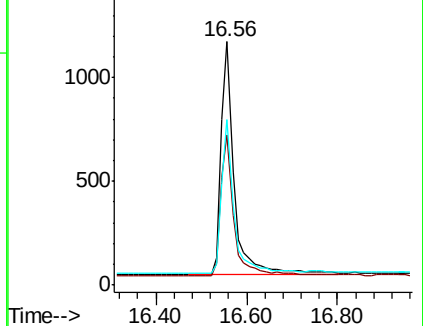
268 62.3 55.0 82.4

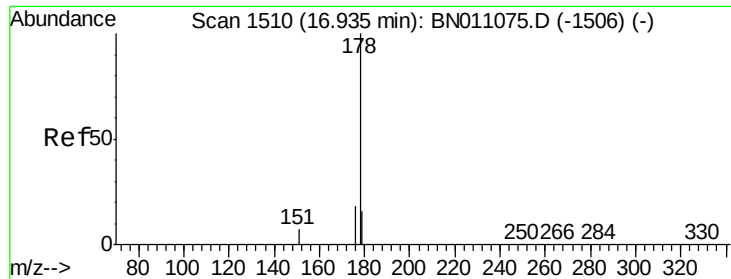


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 1.574 ng

RT: 16.93 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BN011077.D

Acq: 30 Jun 2020 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

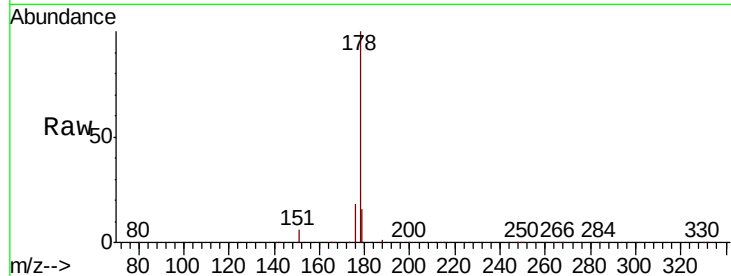
Tot Ion:178 Resp: 33709

Ion Ratio Lower Upper

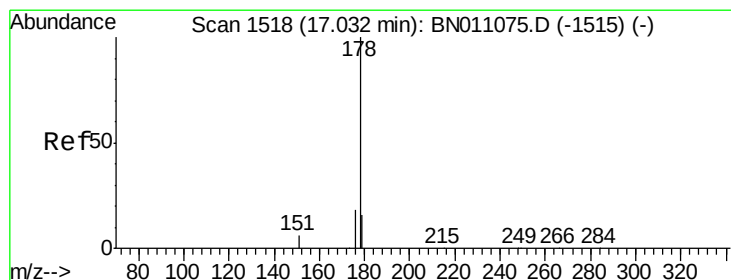
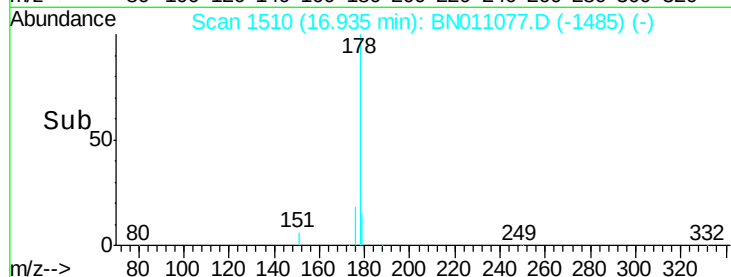
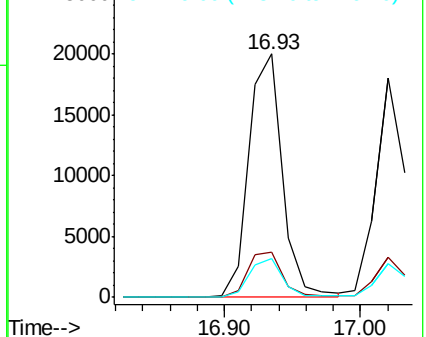
178 100

176 18.8 15.0 22.6

179 15.3 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: 1.617 ng

RT: 17.02 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BN011077.D

Acq: 30 Jun 2020 12:19

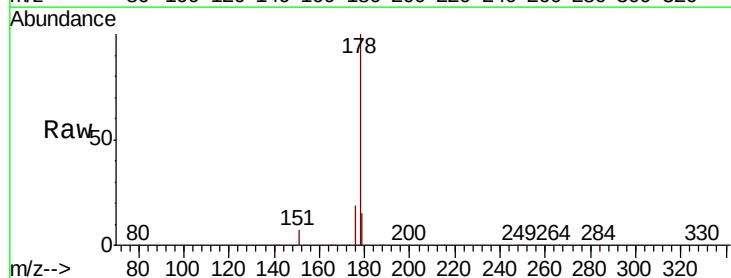
Tgt Ion:178 Resp: 28744

Ion Ratio Lower Upper

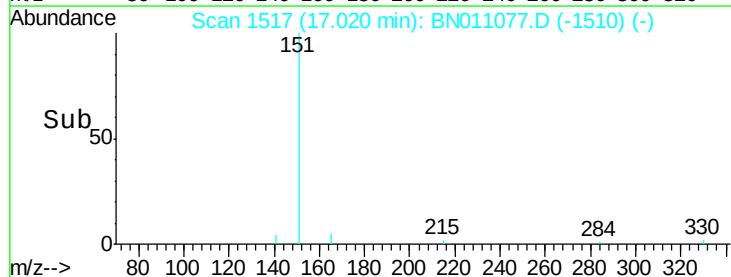
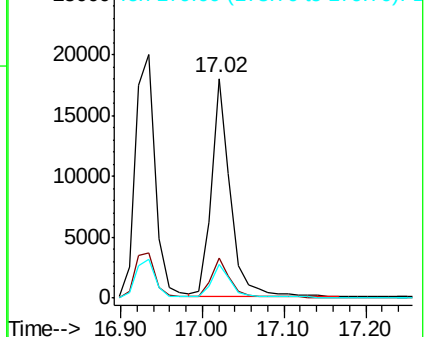
178 100

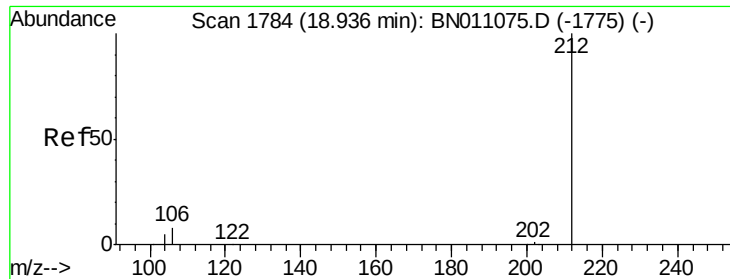
176 18.3 14.2 21.4

179 15.5 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

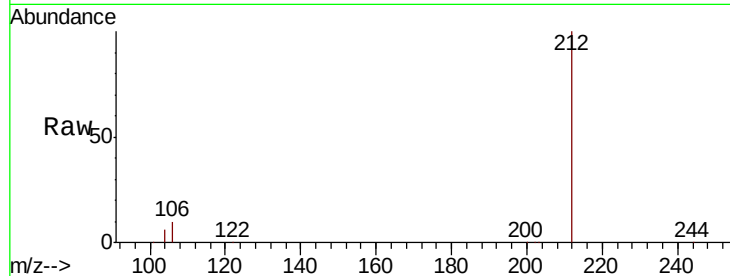




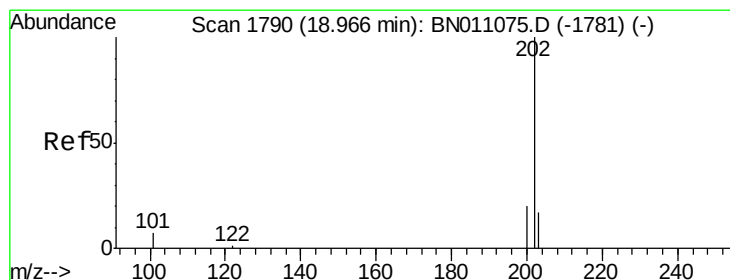
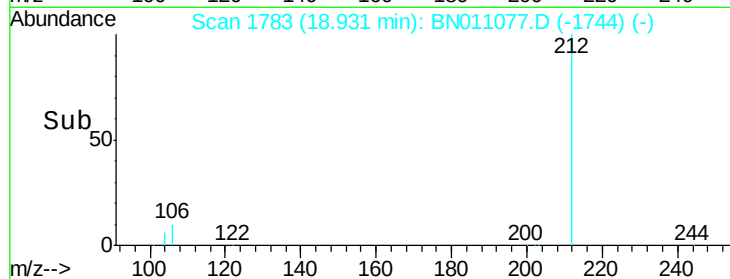
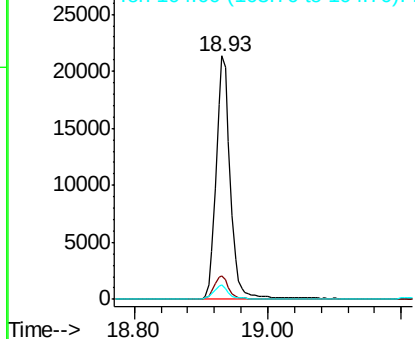
#27
 Fluoranthene-d10
 Concen: 1.554 ng
 RT: 18.93 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BN011077.D
 Acq: 30 Jun 2020 12:19

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

Tot Ion:212 Resp: 31249
 Ion Ratio Lower Upper
 212 100
 106 9.4 7.1 10.7
 104 5.4 4.2 6.4

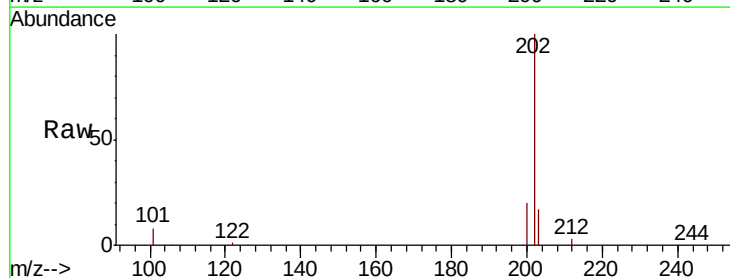


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

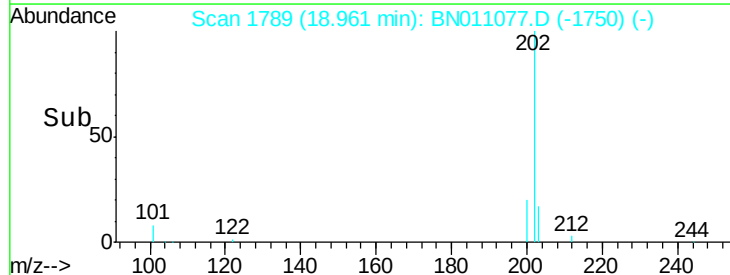
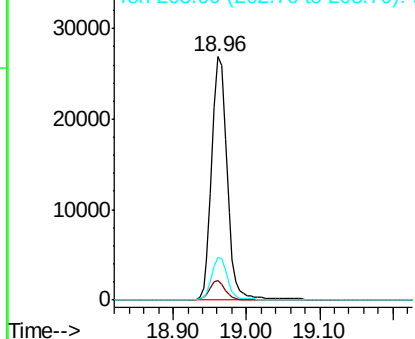


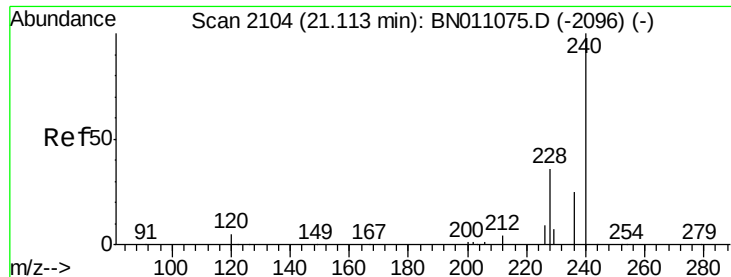
#28
 Fluoranthene
 Concen: 1.577 ng
 RT: 18.96 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BN011077.D
 Acq: 30 Jun 2020 12:19

Tgt Ion:202 Resp: 38602
 Ion Ratio Lower Upper
 202 100
 101 8.0 6.3 9.5
 203 17.2 13.5 20.3



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

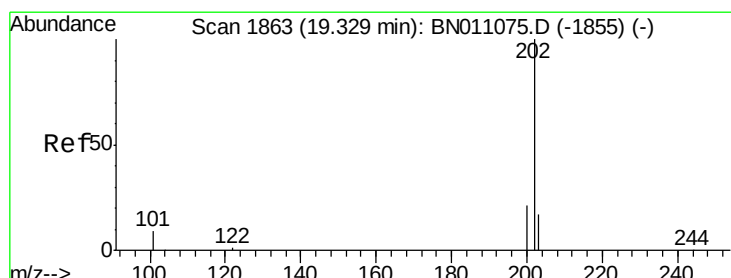
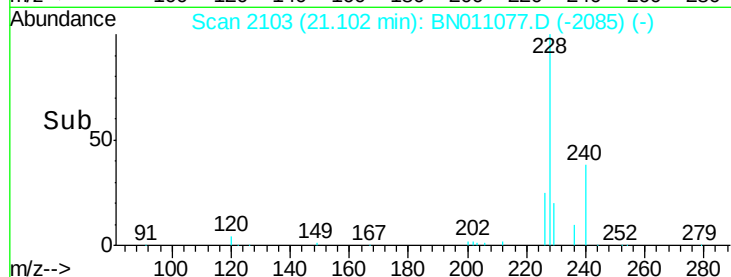
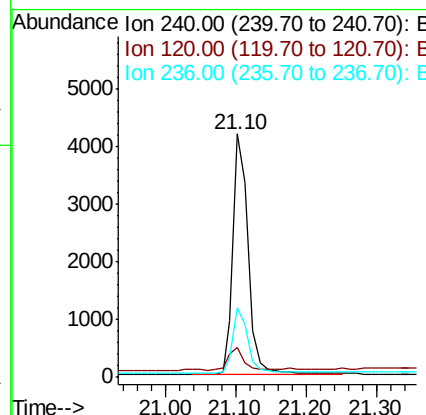
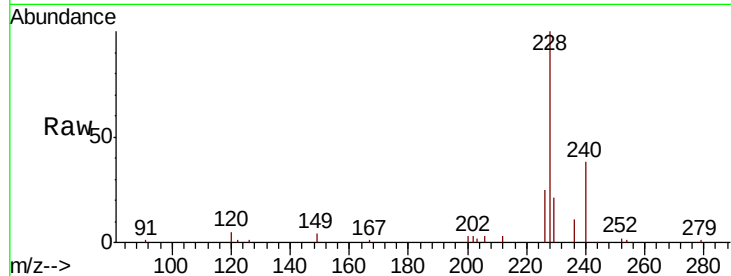




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.10 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BN011077.D
Acq: 30 Jun 2020 12:19

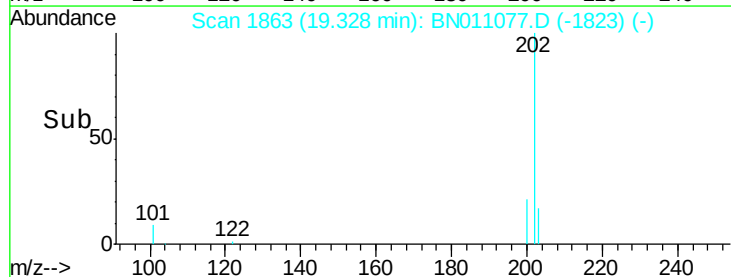
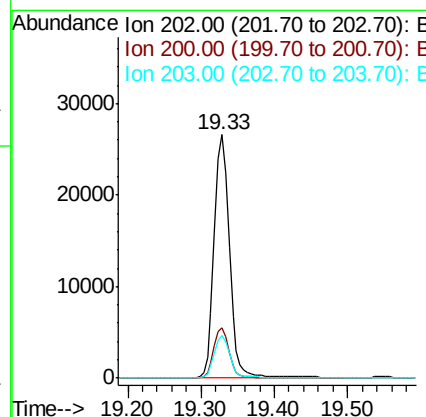
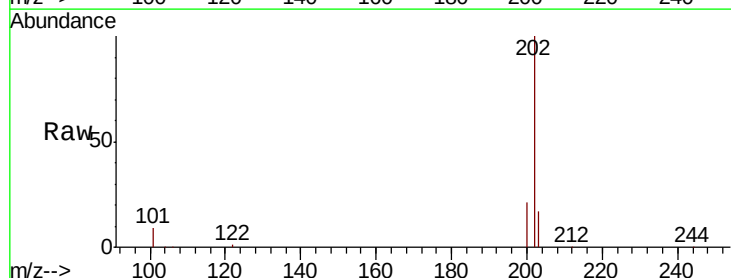
Instrument :
BNA_N
ClientSampled :
SSTDICC1.6

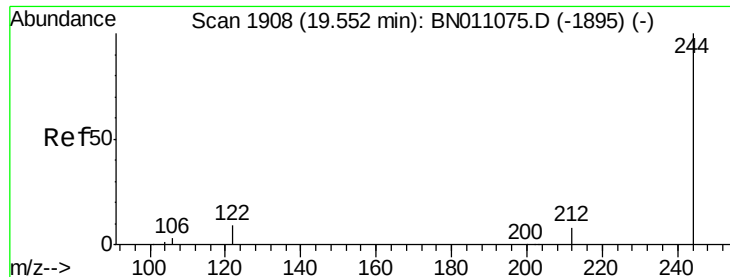
Tot Ion:240 Resp: 6223
Ion Ratio Lower Upper
240 100
120 12.2 6.5 9.7#
236 28.8 21.9 32.9



#30
Pyrene
Concen: 1.591 ng
RT: 19.33 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BN011077.D
Acq: 30 Jun 2020 12:19

Tgt Ion:202 Resp: 38098
Ion Ratio Lower Upper
202 100
200 20.5 16.6 25.0
203 17.3 14.2 21.4





#31

Terphenyl-d14

Concen: 1.595 ng

RT: 19.55 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BN011077.D

Acq: 30 Jun 2020 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

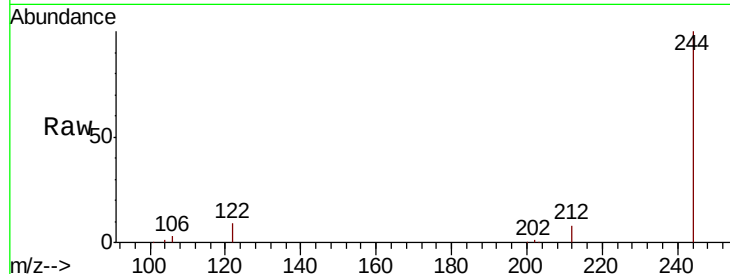
Tot Ion:244 Resp: 26658

Ion Ratio Lower Upper

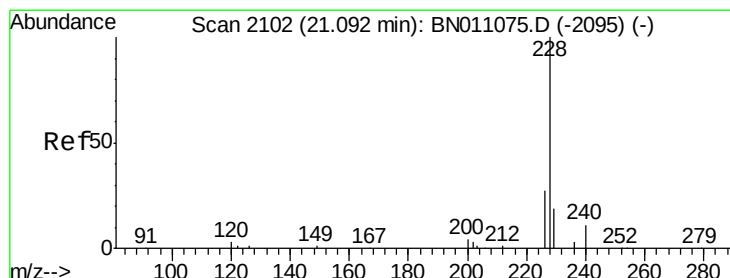
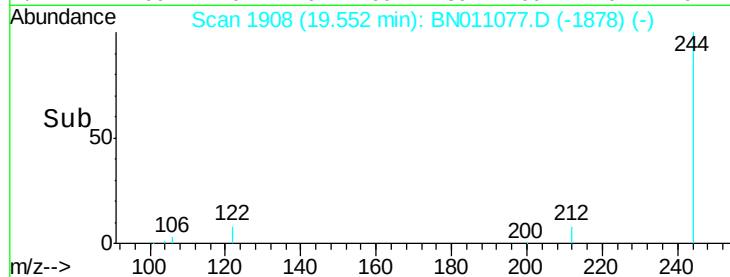
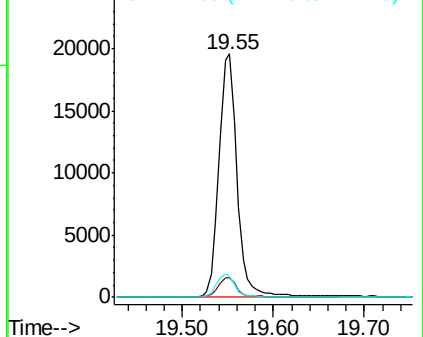
244 100

212 8.2 7.5 11.3

122 8.6 8.2 12.4



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: 1.597 ng

RT: 21.09 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN011077.D

Acq: 30 Jun 2020 12:19

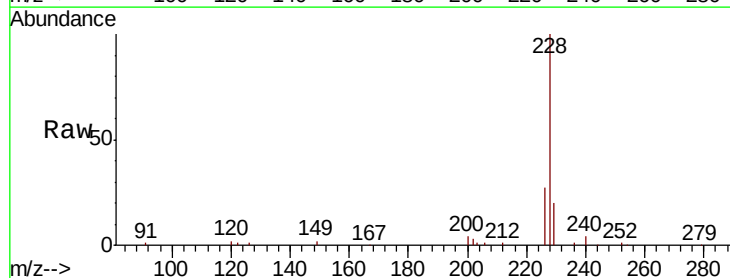
Tgt Ion:228 Resp: 34431

Ion Ratio Lower Upper

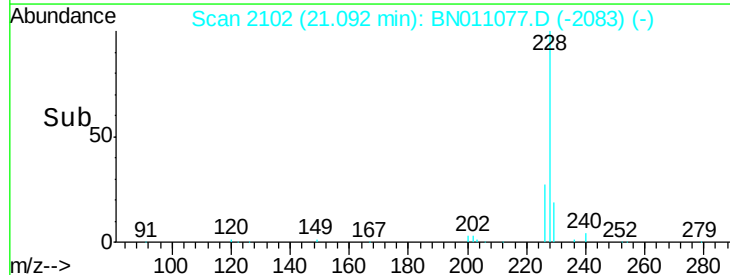
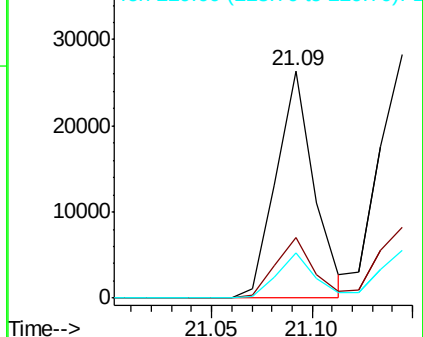
228 100

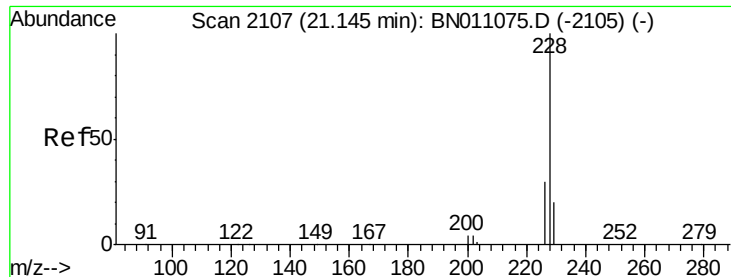
226 26.7 22.0 33.0

229 19.6 16.1 24.1



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

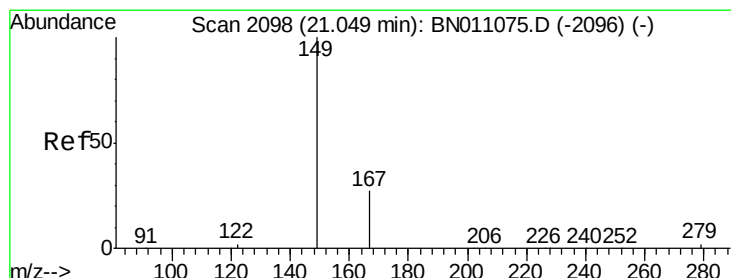
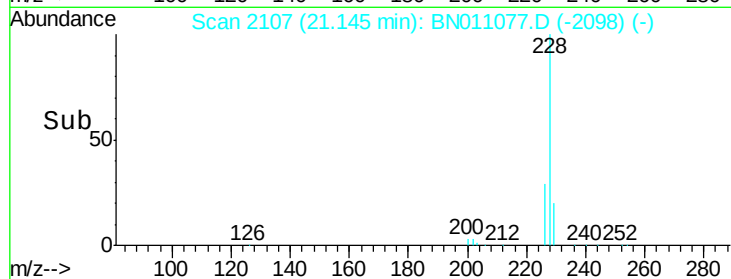
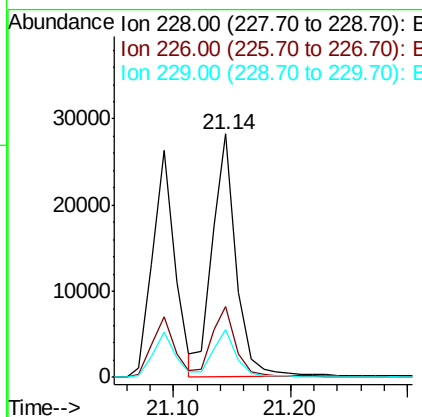
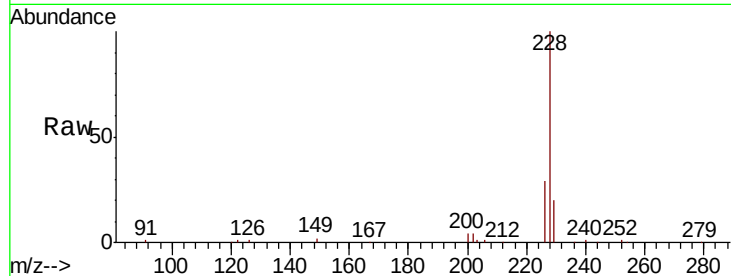




#33
Chrysene
Concen: 1.683 ng
RT: 21.14 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BN011077.D
Acq: 30 Jun 2020 12:19

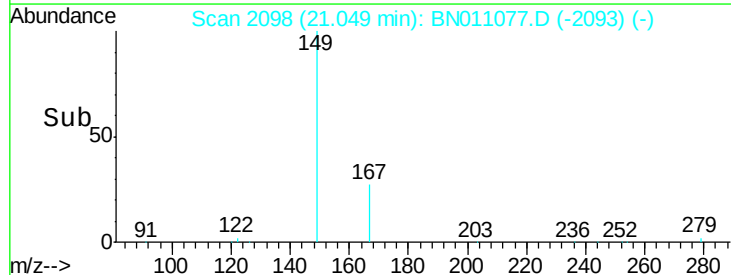
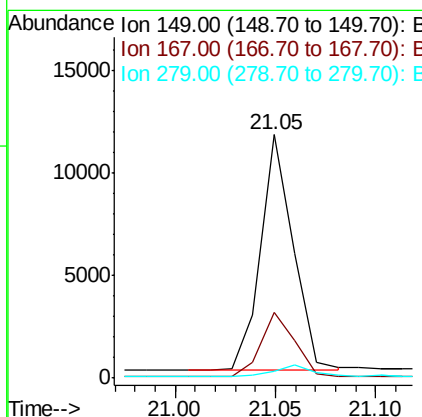
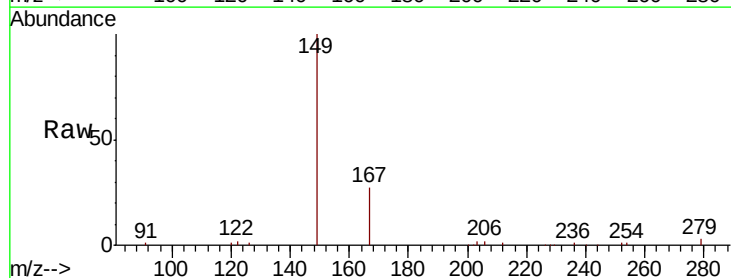
Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

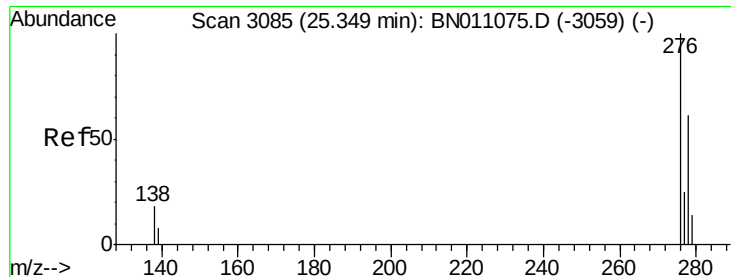
Tot Ion:228 Resp: 39541
Ion Ratio Lower Upper
228 100
226 29.0 24.0 36.0
229 19.7 16.4 24.6



#34
Bis(2-ethylhexyl)phthalate
Concen: 1.497 ng
RT: 21.05 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BN011077.D
Acq: 30 Jun 2020 12:19

Tgt Ion:149 Resp: 12973
Ion Ratio Lower Upper
149 100
167 28.0 22.2 33.4
279 4.6 4.5 6.7

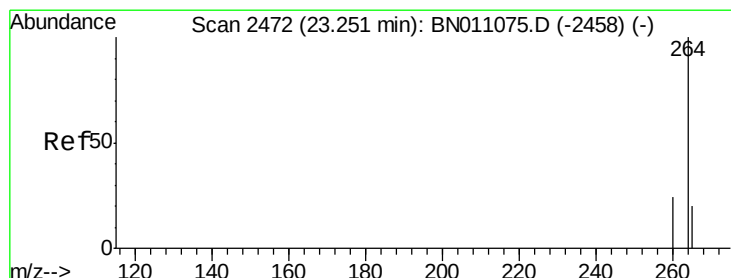
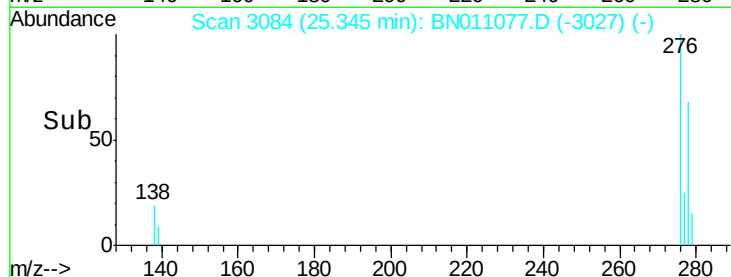
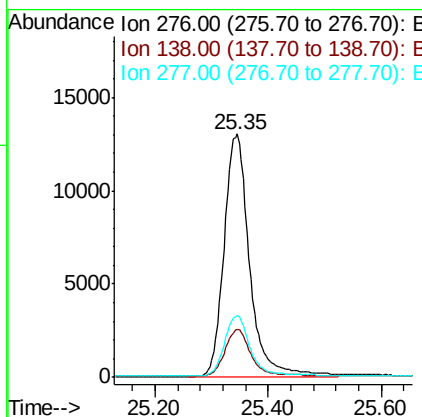
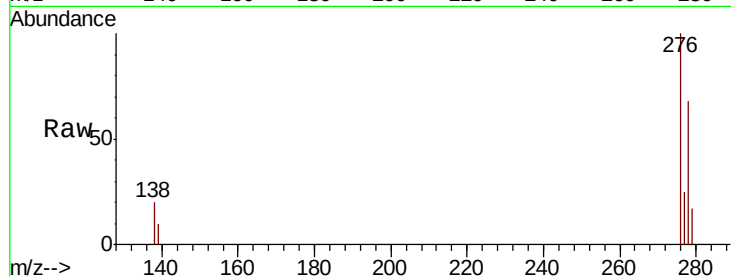




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 1.551 ng
 RT: 25.35 min Scan# 3084
 Delta R.T. -0.00 min
 Lab File: BN011077.D
 Acq: 30 Jun 2020 12:19

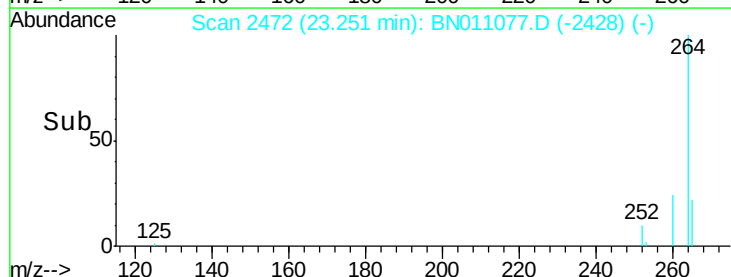
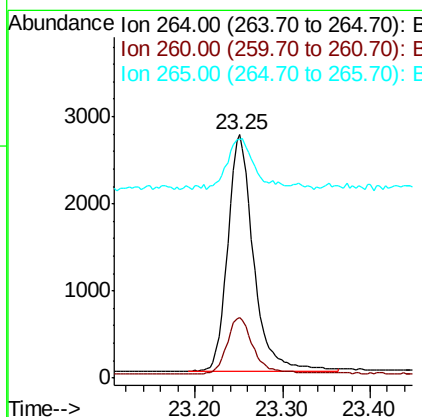
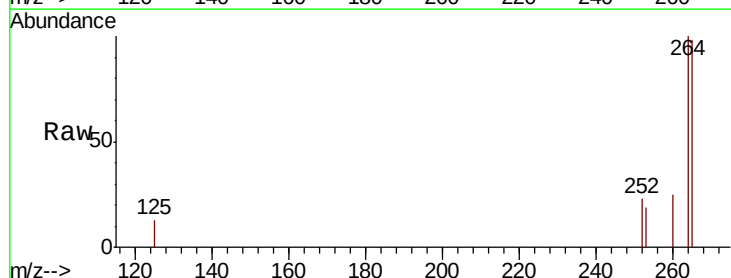
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

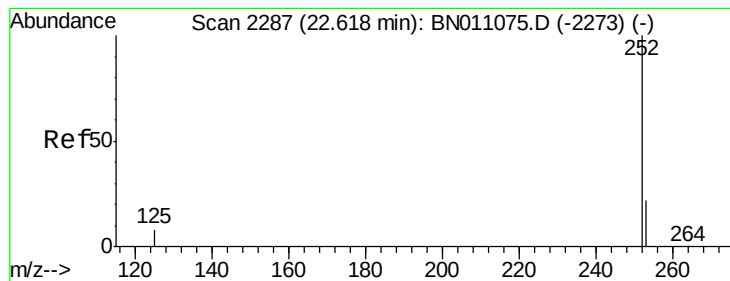
Tot Ion:276 Resp: 40537
 Ion Ratio Lower Upper
 276 100
 138 19.8 15.4 23.0
 277 24.9 19.4 29.0



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.25 min Scan# 2472
 Delta R.T. -0.00 min
 Lab File: BN011077.D
 Acq: 30 Jun 2020 12:19

Tgt Ion:264 Resp: 5594
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.4 30.6
 265 98.0 83.0 124.6





#37

Benzo(b)fluoranthene

Concen: 1.691 ng

RT: 22.62 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BN011077.D

Acq: 30 Jun 2020 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

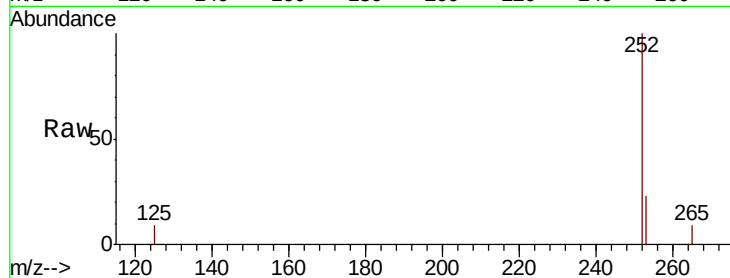
Tot Ion:252 Resp: 37401

Ion Ratio Lower Upper

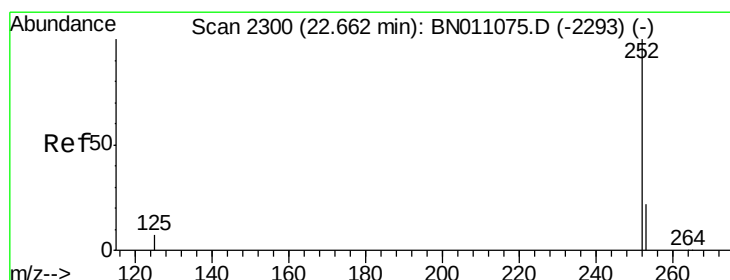
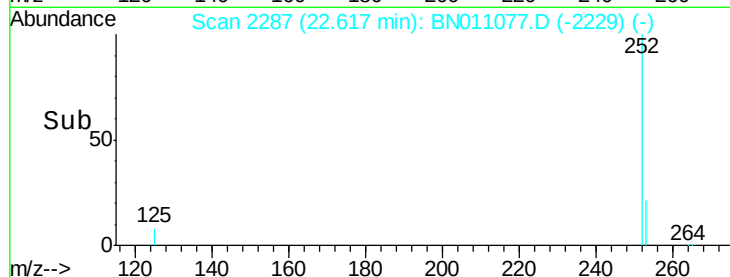
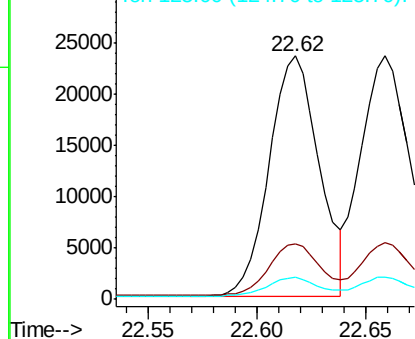
252 100

253 23.0 22.7 34.1

125 9.0 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: 1.694 ng

RT: 22.66 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BN011077.D

Acq: 30 Jun 2020 12:19

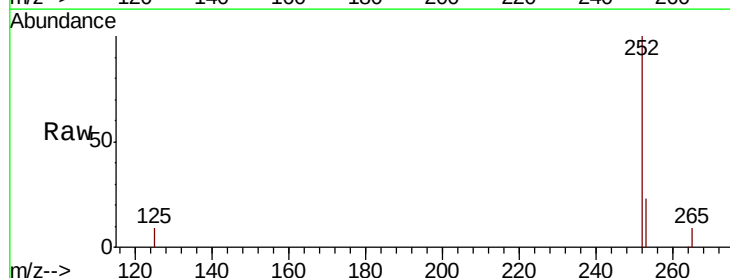
Tgt Ion:252 Resp: 38973

Ion Ratio Lower Upper

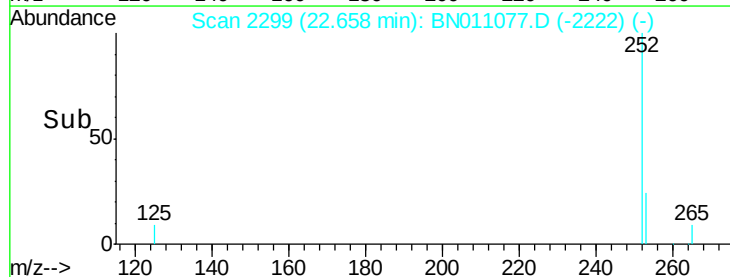
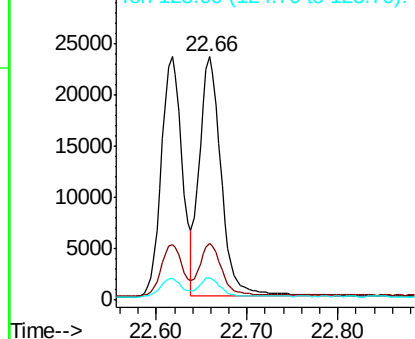
252 100

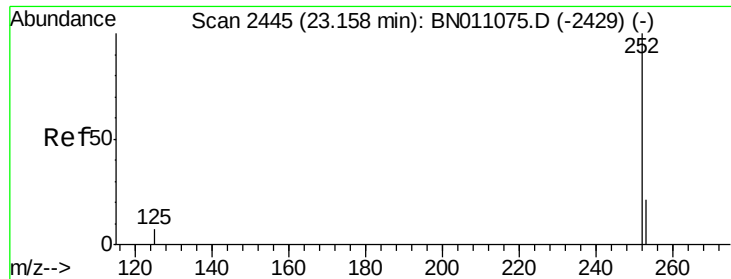
253 23.2 22.9 34.3

125 8.9 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: 1.619 ng

RT: 23.15 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BN011077.D

Acq: 30 Jun 2020 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

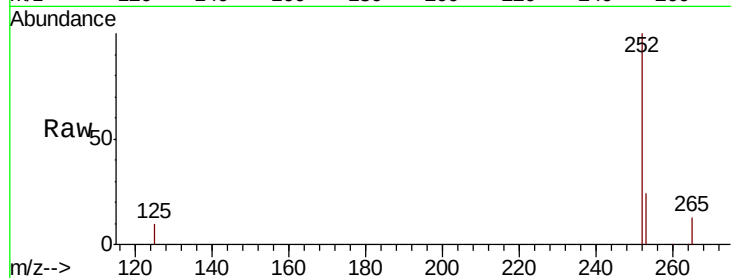
Tot Ion:252 Resp: 31818

Ion Ratio Lower Upper

252 100

253 24.2 25.9 38.9#

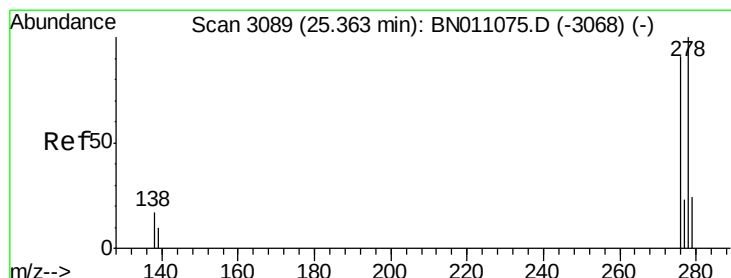
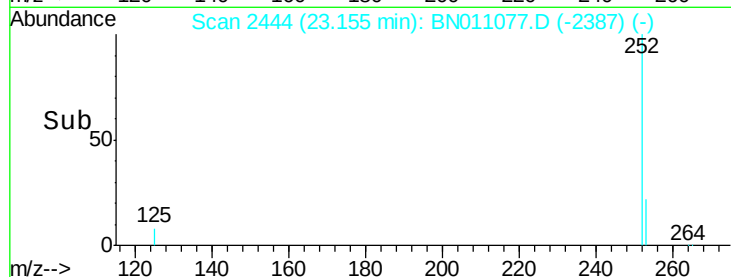
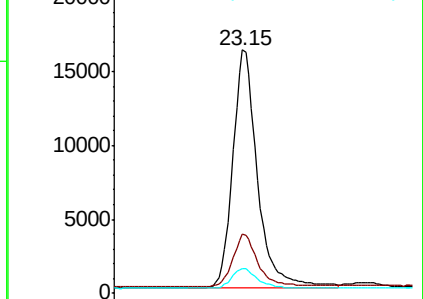
125 10.3 12.5 18.7#



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: 1.555 ng

RT: 25.36 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BN011077.D

Acq: 30 Jun 2020 12:19

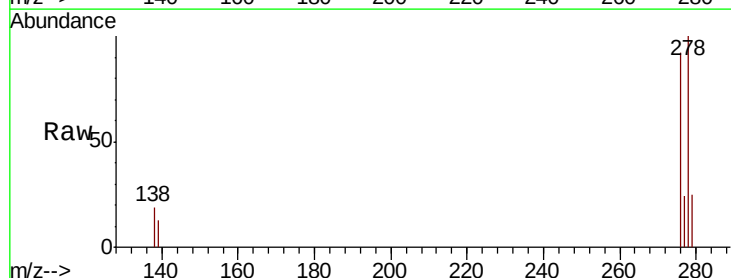
Tgt Ion:278 Resp: 32932

Ion Ratio Lower Upper

278 100

139 13.3 11.9 17.9

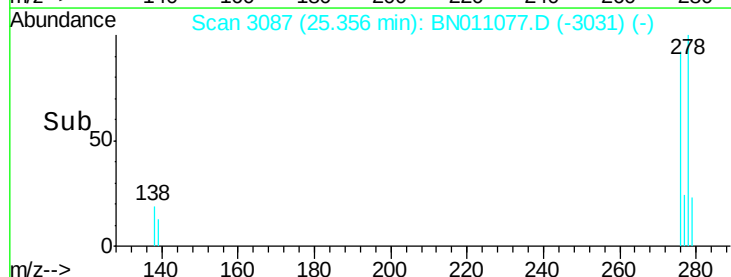
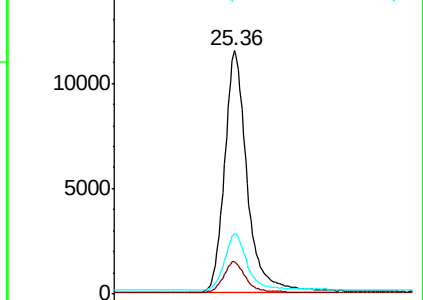
279 24.9 25.5 38.3#

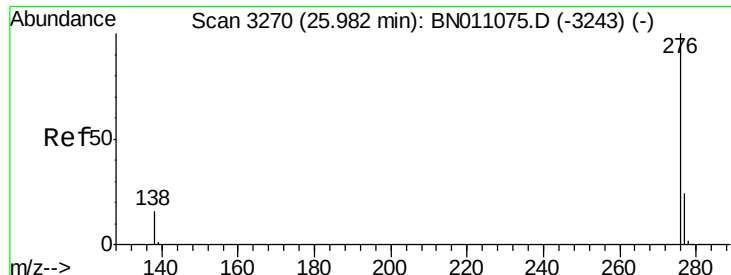


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.586 ng

RT: 25.98 min Scan# 3268

Delta R.T. -0.01 min

Lab File: BN011077.D

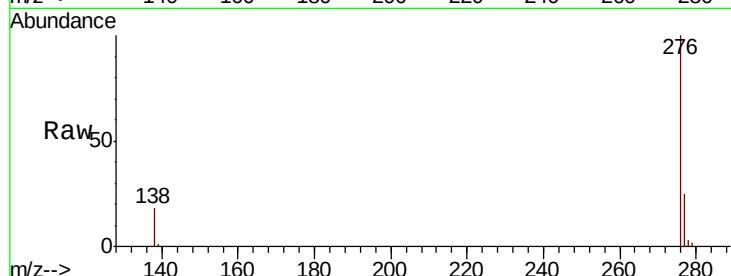
Acq: 30 Jun 2020 12:19

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6



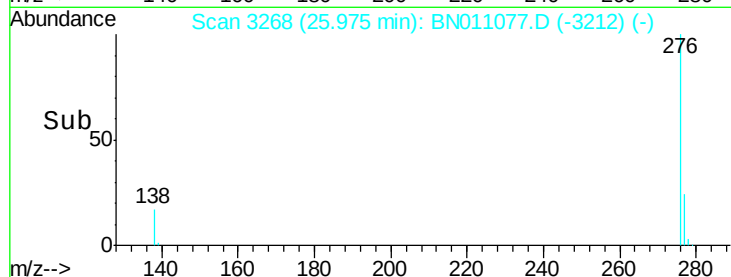
Tot Ion: 276 Resp: 34812

Ion Ratio Lower Upper

276 100

277 24.8 21.1 31.7

138 17.7 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

