

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
 Data File : BN011561.D
 Acq On : 21 Aug 2020 18:49
 Operator : CG/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

Quant Time: Aug 21 19:22:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 18:41:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	1405	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	5065	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	3241	0.40	ng	0.00
19) Phenanthrene-d10	16.79	188	7466	0.40	ng	0.00
29) Chrysene-d12	21.00	240	8338	0.40	ng	-0.01
36) Perylene-d12	23.11	264	7877	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	4947	1.51	ng	0.00
5) Phenol-d6	6.61	99	5912	1.56	ng	-0.02
8) Nitrobenzene-d5	8.54	82	6388	1.56	ng	-0.01
11) 2-Methylnaphthalene-d10	11.74	152	14964	1.60	ng	-0.01
14) 2,4,6-Tribromophenol	15.54	330	2714	1.86	ng	-0.01
15) 2-Fluorobiphenyl	12.64	172	23568	1.65	ng	-0.01
27) Fluoranthene-d10	18.83	212	40653	1.79	ng	0.00
31) Terphenyl-d14	19.45	244	33865	1.84	ng	0.00

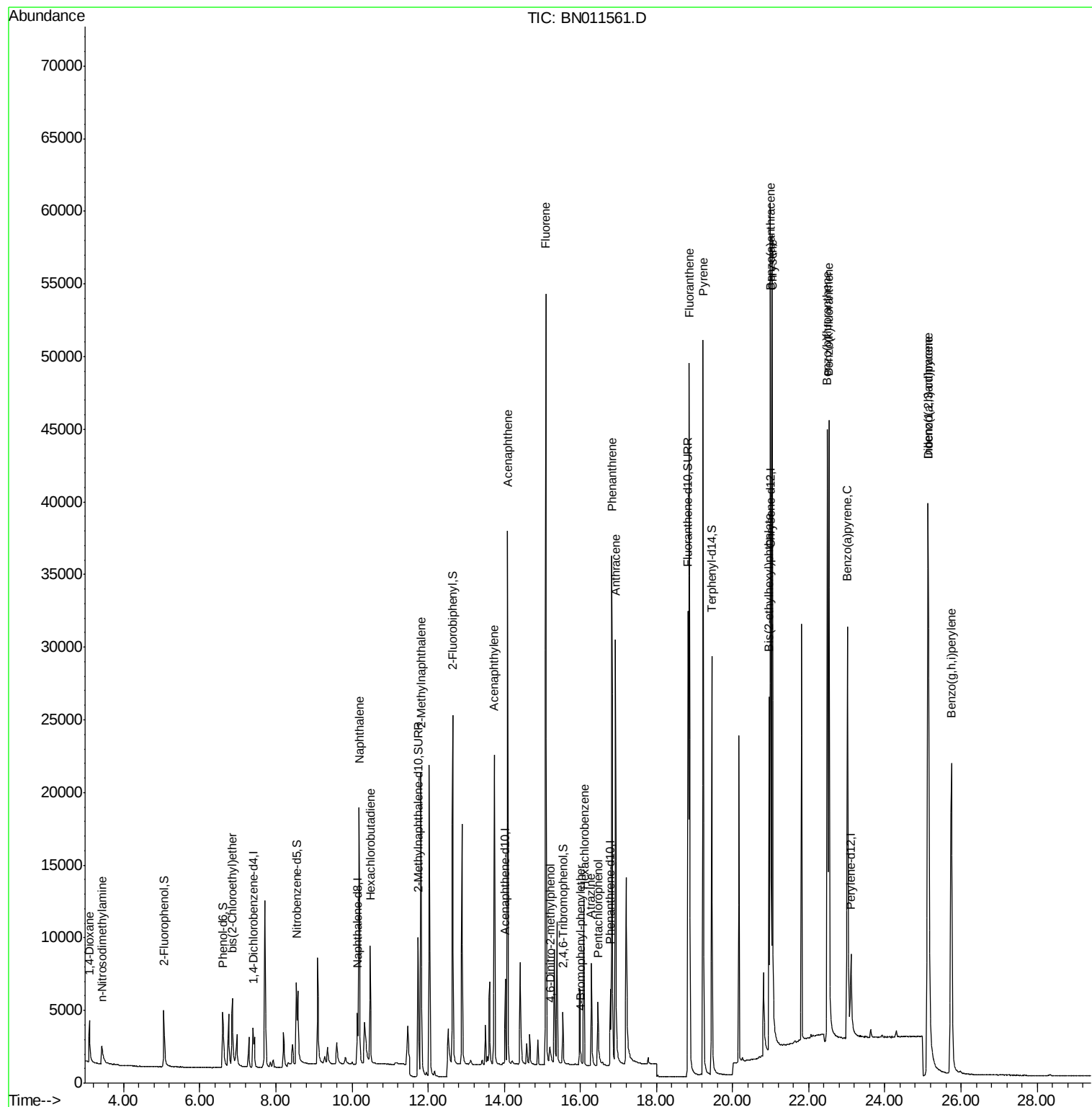
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	2971	1.626	ng	# 100
3) n-Nitrosodimethylamine	3.42	42	1393	1.841	ng	# 86
6) bis(2-Chloroethyl)ether	6.85	93	5015	1.681	ng	# 86
9) Naphthalene	10.19	128	23924	1.621	ng	95
10) Hexachlorobutadiene	10.48	225	6281	1.643	ng	# 100
12) 2-Methylnaphthalene	11.81	142	16932	1.596	ng	96
16) Acenaphthylene	13.74	152	27413	1.686	ng	99
17) Acenaphthene	14.09	154	17637	1.678	ng	99
18) Fluorene	15.09	166	23876	1.768	ng	100
20) 4,6-Dinitro-2-methylphenol	15.21	198	1985	2.183	ng	# 31
21) 4-Bromophenyl-phenylether	16.02	248	592	0.096	ng	95
22) Hexachlorobenzene	16.10	284	8864	1.592	ng	99
23) Atrazine	16.29	200	6780	1.867	ng	# 89
24) Pentachlorophenol	16.46	266	3006	1.761	ng	98
25) Phenanthrene	16.82	178	38807	1.631	ng	100
26) Anthracene	16.92	178	33922	1.671	ng	99
28) Fluoranthene	18.86	202	49219	1.747	ng	99
30) Pyrene	19.23	202	49122	1.785	ng	100
32) Benzo(a)anthracene	20.99	228	48702	1.912	ng	98
33) Chrysene	21.05	228	49817	1.719	ng	98
34) Bis(2-ethylhexyl)phthalate	20.96	149	20590	2.272	ng	100
35) Indeno(1,2,3-cd)pyrene	25.13	276	54477	1.536	ng	96
37) Benzo(b)fluoranthene	22.49	252	50044	1.592	ng	# 84
38) Benzo(k)fluoranthene	22.53	252	59043	1.815	ng	# 84
39) Benzo(a)pyrene	23.01	252	45550	1.665	ng	# 74
40) Dibenzo(a,h)anthracene	25.14	278	43184	1.415	ng	# 79
41) Benzo(g,h,i)perylene	25.75	276	45630	1.430	ng	93

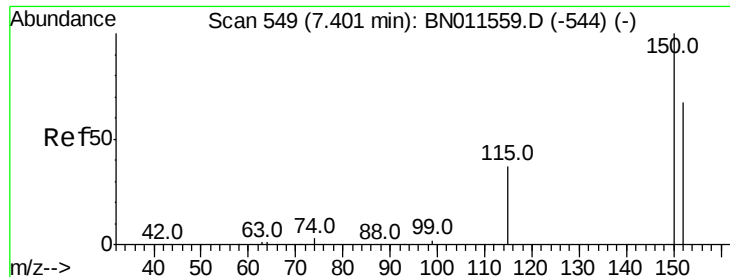
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.40 min Scan# 549

Delta R.T. -0.00 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

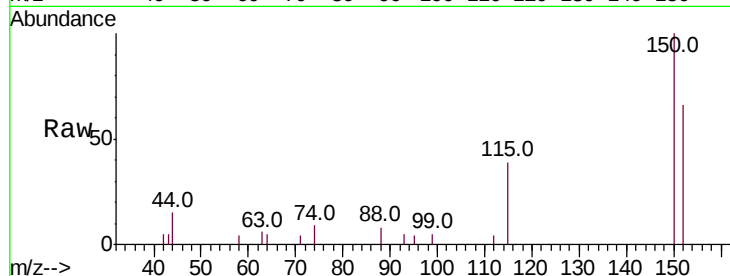
Tot Ion:152 Resp: 1405

Ion Ratio Lower Upper

152 100

150 151.7 117.1 175.7

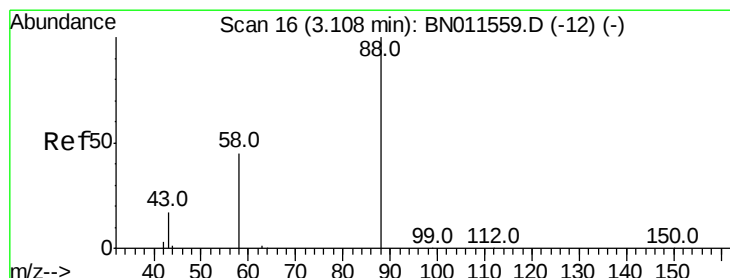
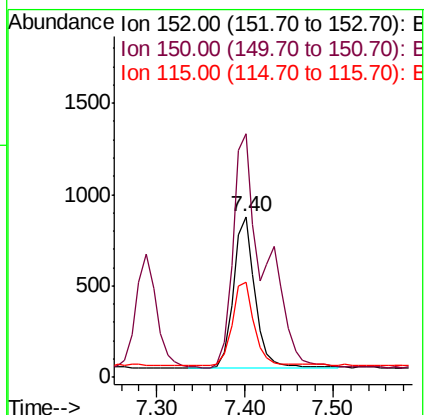
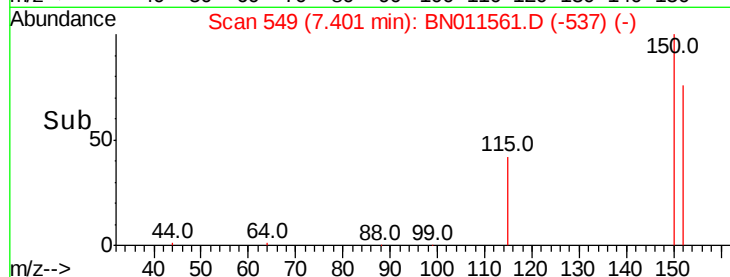
115 59.1 48.7 73.1



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: 1.626 ng

RT: 3.10 min Scan# 15

Delta R.T. -0.01 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

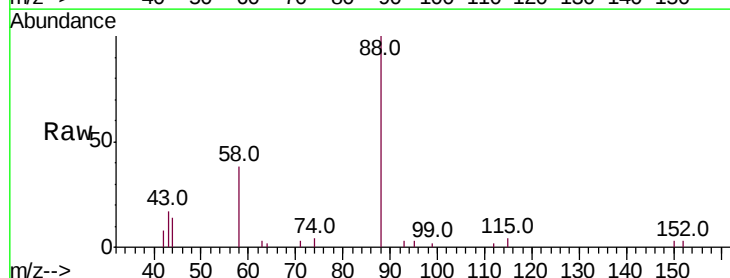
Tgt Ion: 88 Resp: 2971

Ion Ratio Lower Upper

88 100

58 44.5 0.0 0.0#

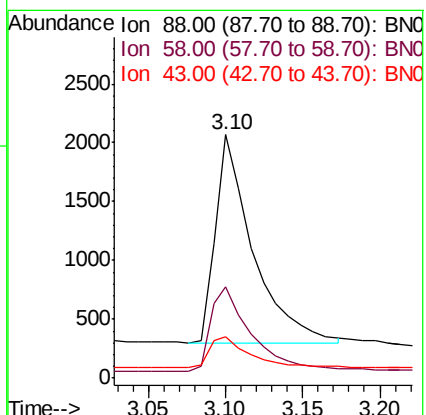
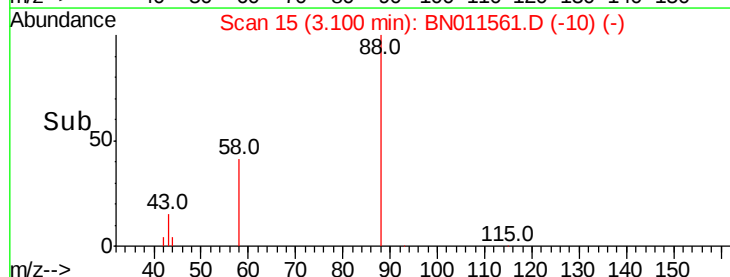
43 16.3 0.0 0.0#

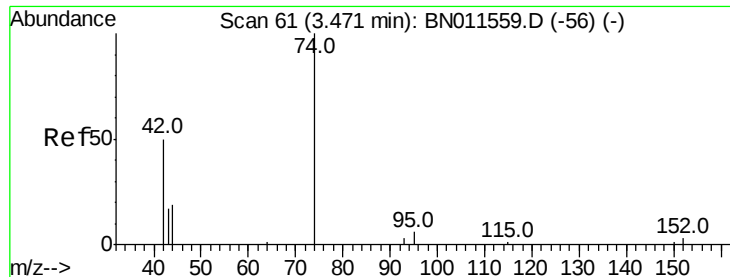


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



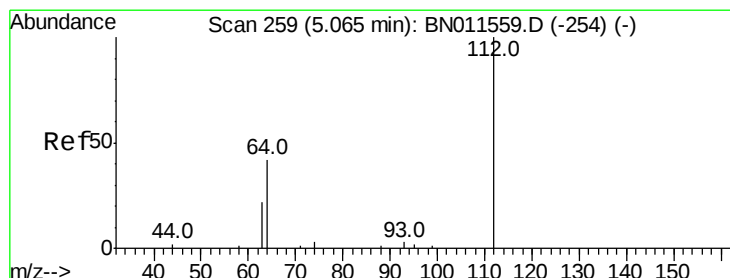
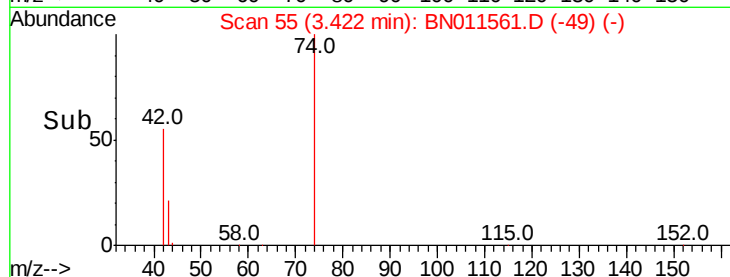
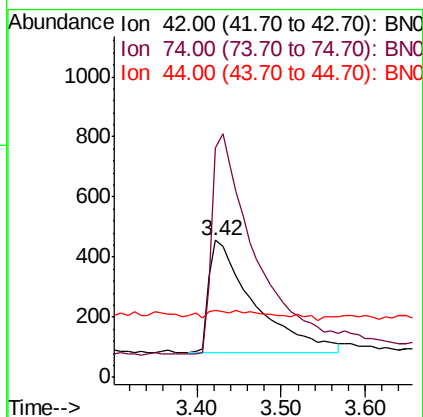
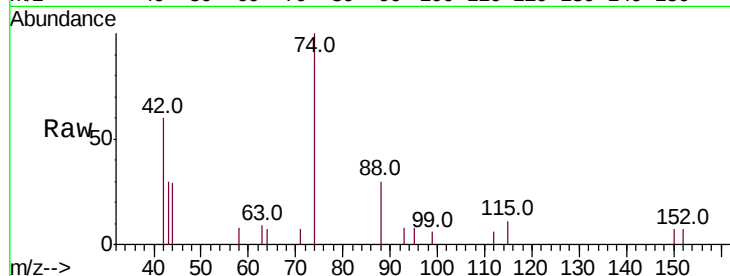


#3

n-Nitrosodimethylamine
 Concen: 1.841 ng
 RT: 3.42 min Scan# 55
 Delta R.T. -0.05 min
 Lab File: BN011561.D
 Acq: 21 Aug 2020 18:49

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

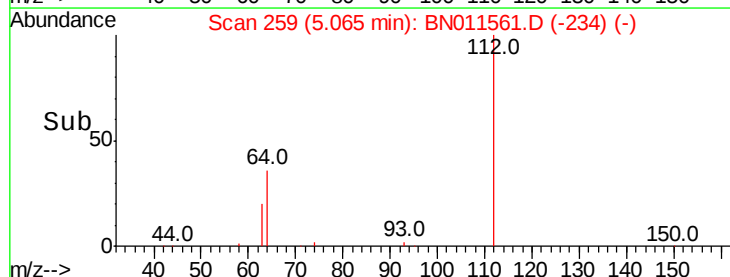
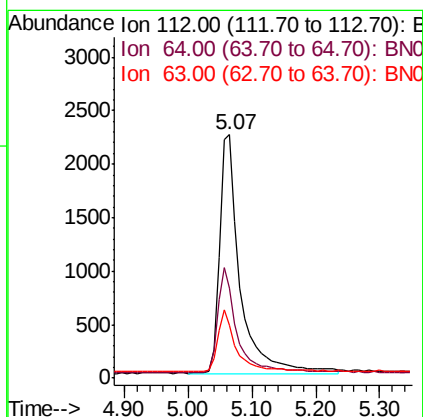
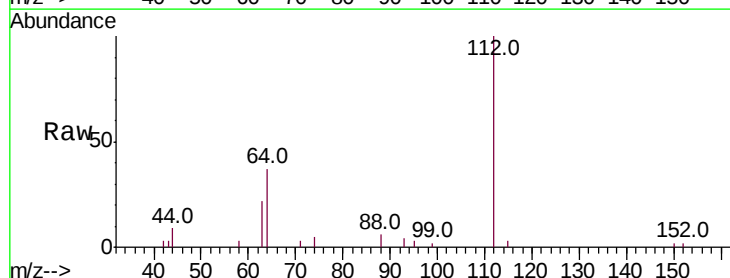
Tot Ion: 42 Resp: 1393
 Ion Ratio Lower Upper
 42 100
 74 195.3 169.0 253.4
 44 1.8 21.6 32.4#

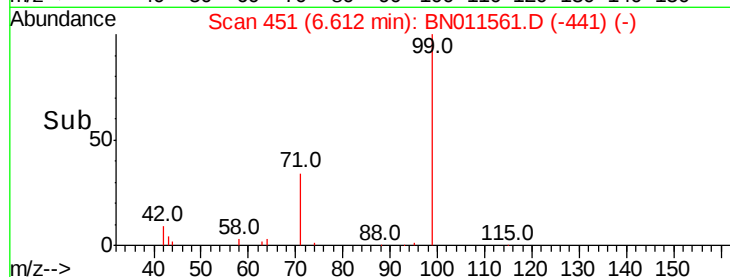
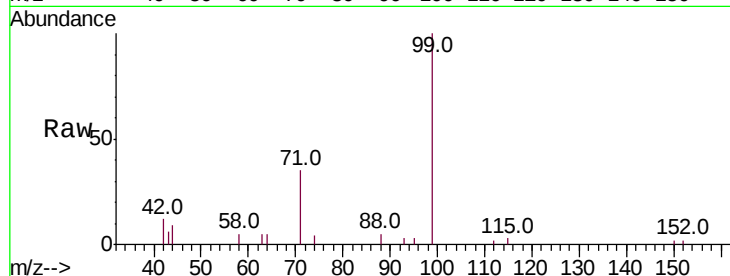
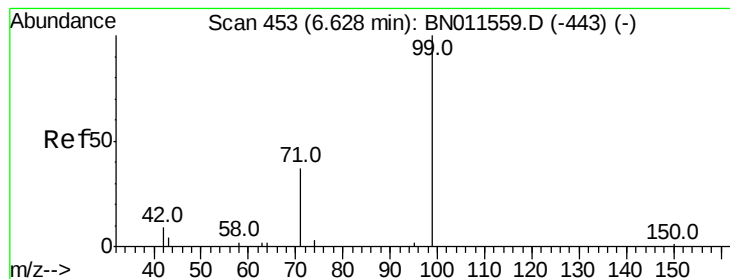


#4

2-Fluorophenol
 Concen: 1.509 ng
 RT: 5.07 min Scan# 259
 Delta R.T. -0.00 min
 Lab File: BN011561.D
 Acq: 21 Aug 2020 18:49

Tgt Ion: 112 Resp: 4947
 Ion Ratio Lower Upper
 112 100
 64 41.4 33.9 50.9
 63 23.9 17.7 26.5





#5

Phenol-d6

Concen: 1.558 ng

RT: 6.61 min Scan# 451

Delta R.T. -0.02 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

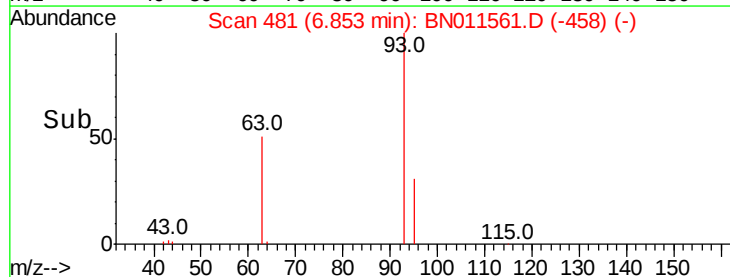
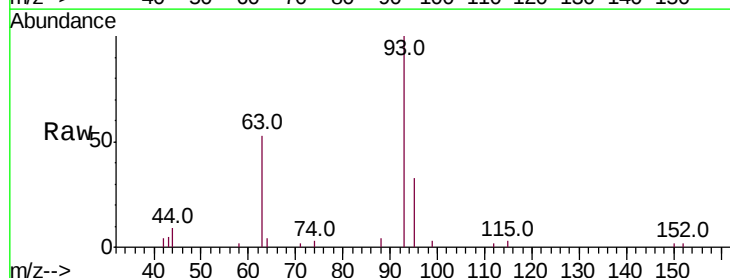
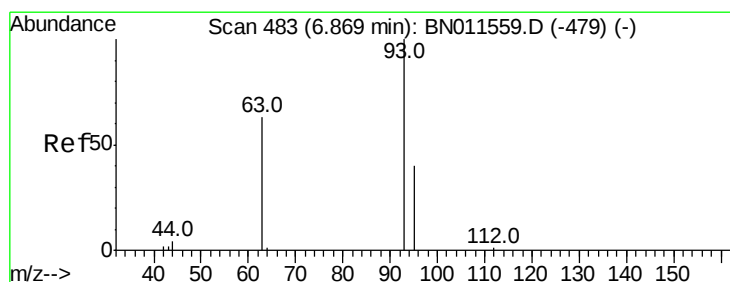
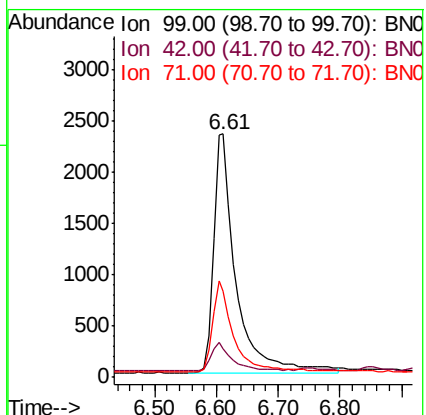
Tot Ion: 99 Resp: 5912

Ion Ratio Lower Upper

99 100

42 11.0 9.0 13.4

71 37.0 30.4 45.6



#6

bis(2-Chloroethyl)ether

Concen: 1.681 ng

RT: 6.85 min Scan# 481

Delta R.T. -0.02 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

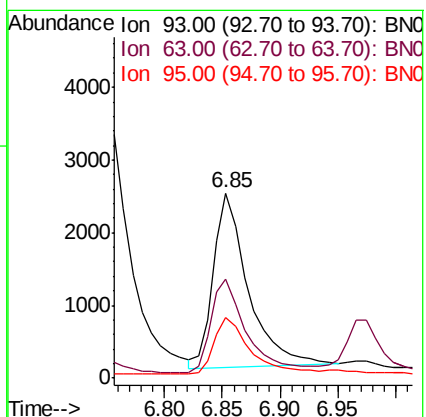
Tgt Ion: 93 Resp: 5015

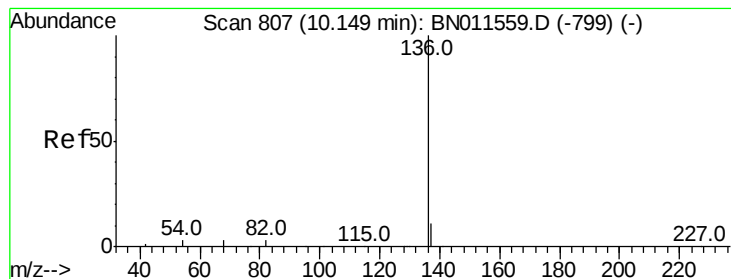
Ion Ratio Lower Upper

93 100

63 55.1 32.9 49.3#

95 33.6 25.3 37.9





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 806

Delta R.T. -0.01 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 5065

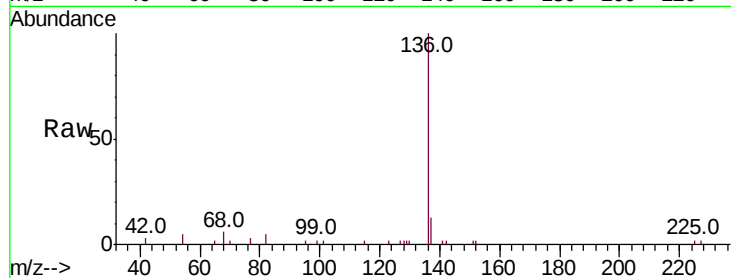
Ion Ratio Lower Upper

136 100

137 12.6 11.0 16.4

54 5.2 4.3 6.5

68 5.5 4.9 7.3

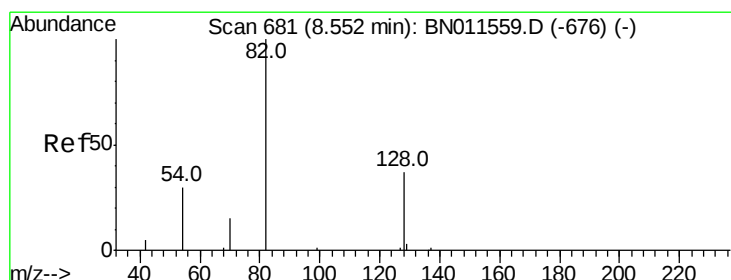
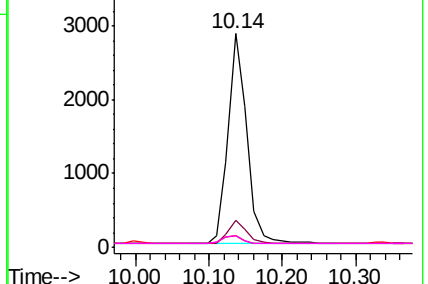
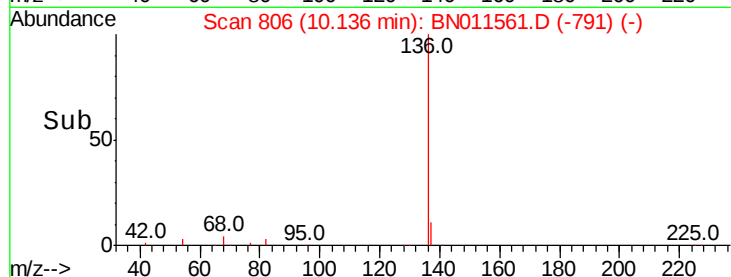


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.560 ng

RT: 8.54 min Scan# 680

Delta R.T. -0.01 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

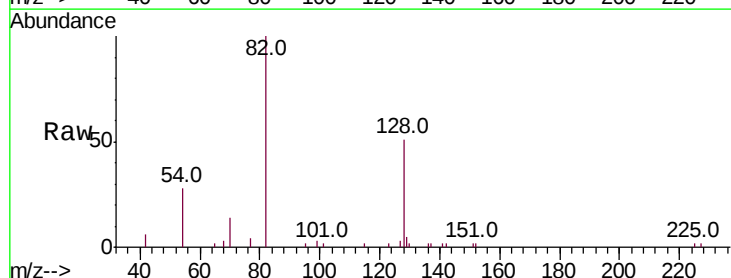
Tgt Ion: 82 Resp: 6388

Ion Ratio Lower Upper

82 100

128 50.8 41.7 62.5

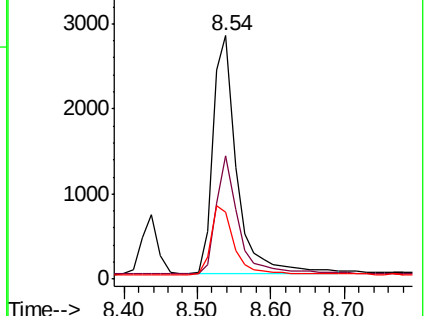
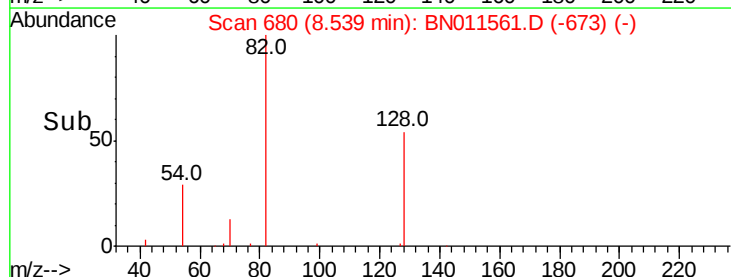
54 27.7 34.4 51.6#

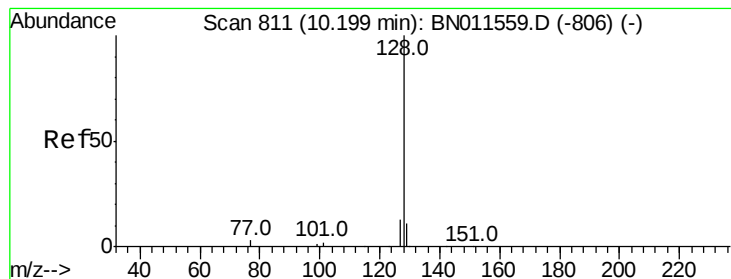


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 1.621 ng

RT: 10.19 min Scan# 810

Delta R.T. -0.01 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

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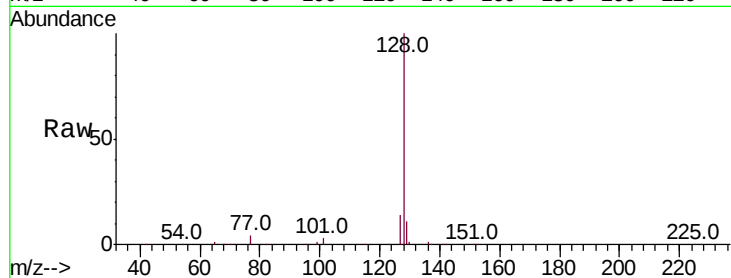
Tot Ion:128 Resp: 23924

Ion Ratio Lower Upper

128 100

129 11.5 10.8 16.2

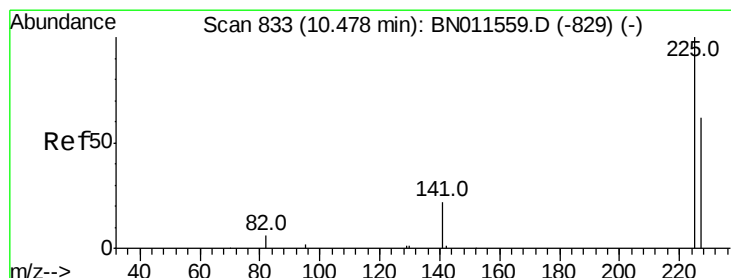
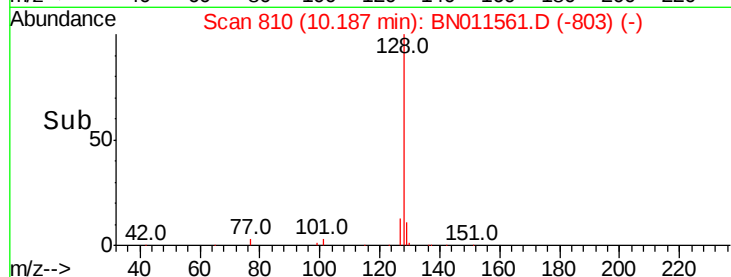
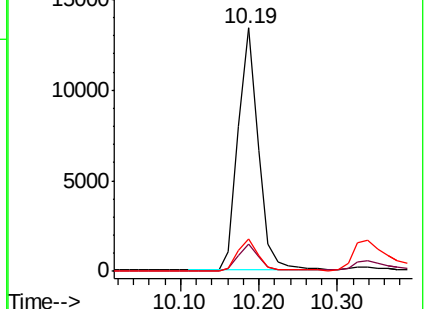
127 13.6 12.3 18.5



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: 1.643 ng

RT: 10.48 min Scan# 833

Delta R.T. -0.00 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

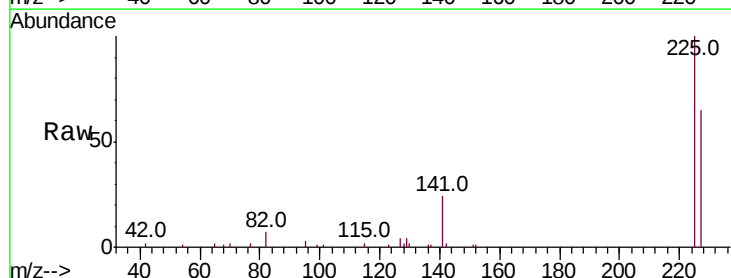
Tgt Ion:225 Resp: 6281

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

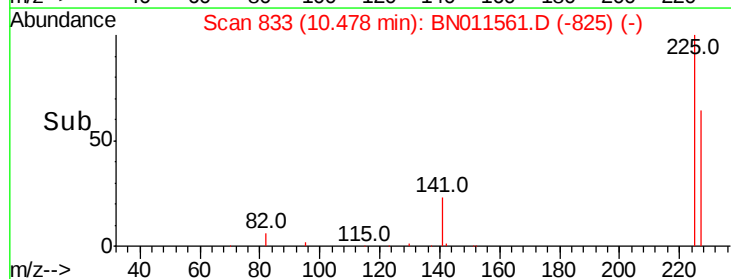
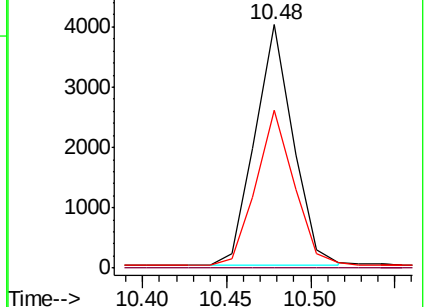
227 64.1 51.3 76.9

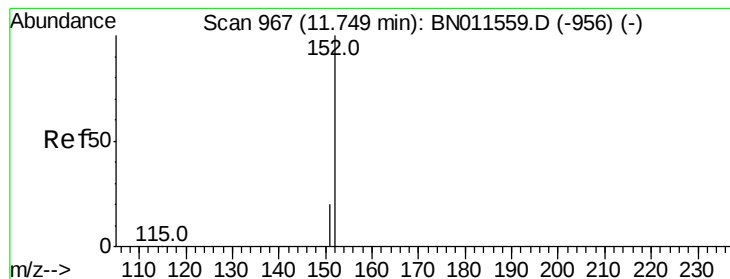


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.598 ng

RT: 11.74 min Scan# 964

Delta R.T. -0.01 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

Instrument :

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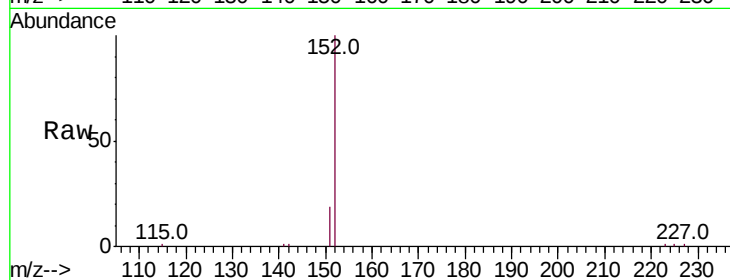
SSTDICC1.6

Tot Ion:152 Resp: 14964

Ion Ratio Lower Upper

152 100

151 20.3 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.74

8000

6000

4000

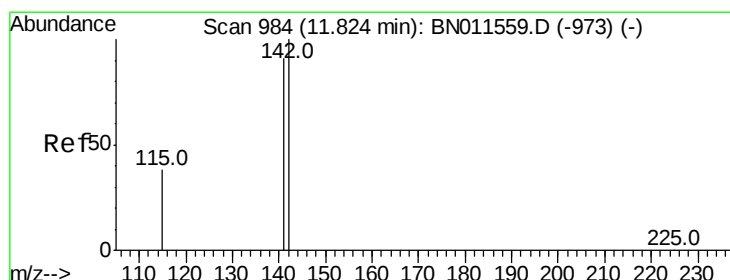
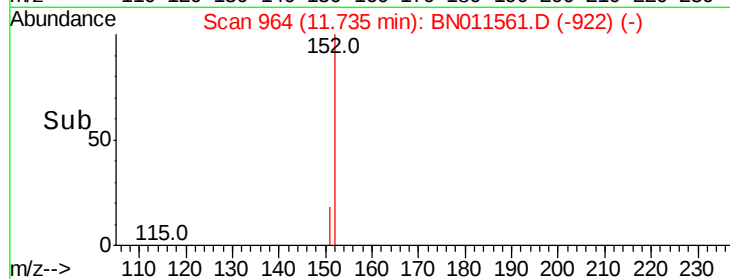
2000

0

Time-->

11.60

11.80



#12

2-Methylnaphthalene

Concen: 1.596 ng

RT: 11.81 min Scan# 981

Delta R.T. -0.01 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

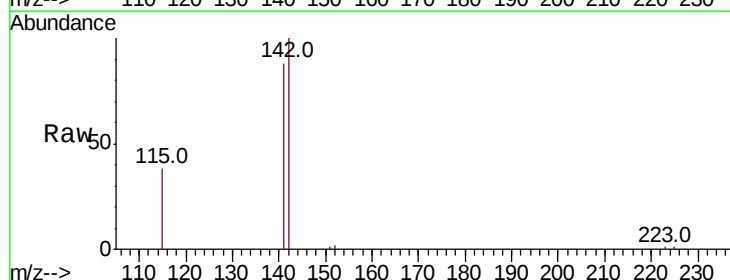
Tgt Ion:142 Resp: 16932

Ion Ratio Lower Upper

142 100

141 88.3 73.0 109.6

115 37.6 33.4 50.0



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

11.81

12000

10000

8000

6000

4000

2000

0

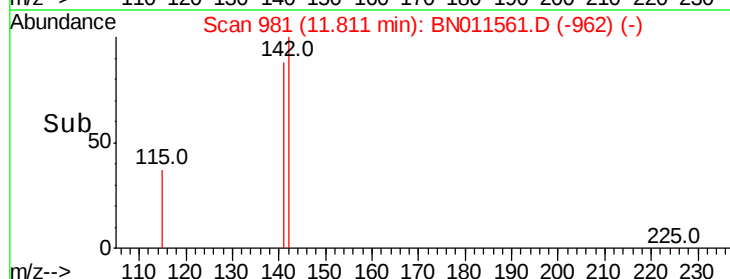
Time-->

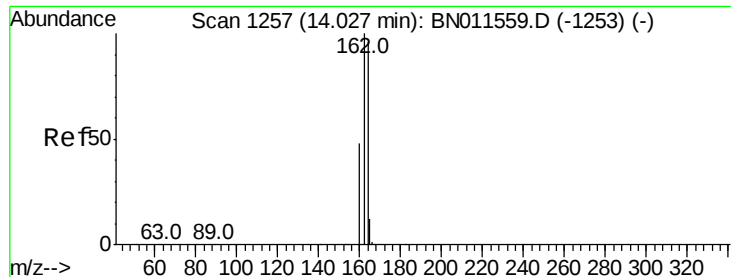
11.70

11.80

11.90

12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.03 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BN011561.D

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Instrument :

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ClientSampleId :

SSTDICC1.6

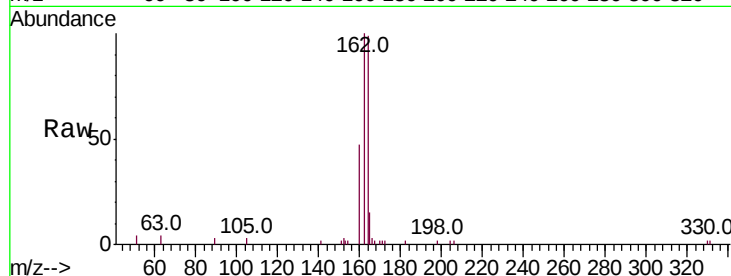
Tot Ion:164 Resp: 3241

Ion Ratio Lower Upper

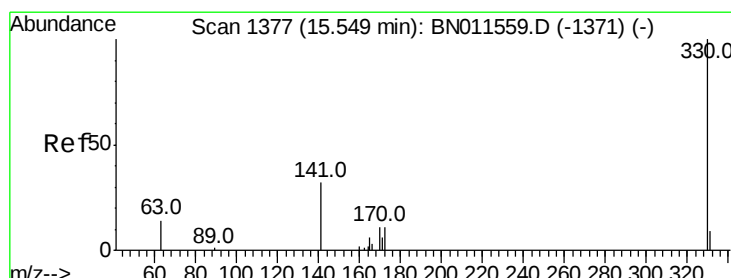
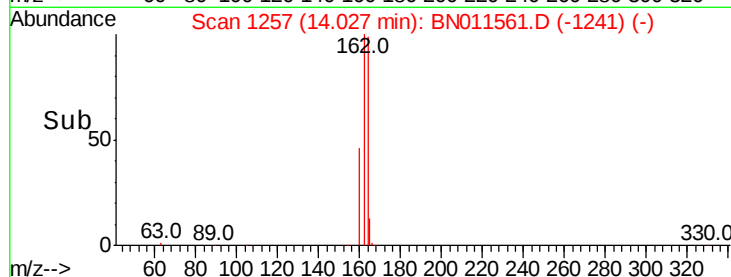
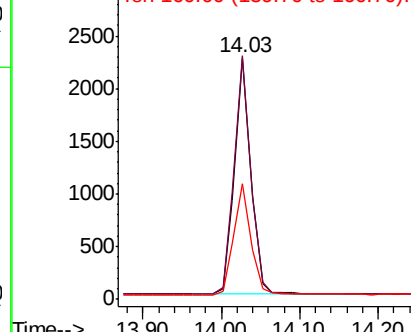
164 100

162 101.0 83.7 125.5

160 47.8 41.1 61.7



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: 1.862 ng

RT: 15.54 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

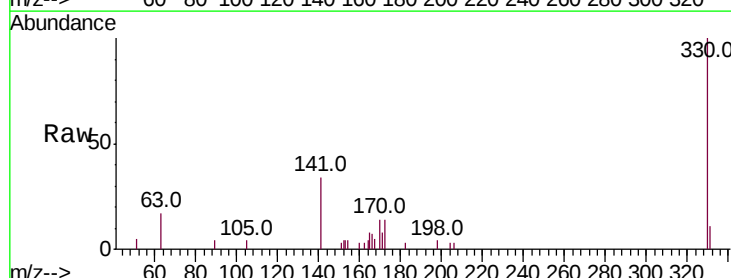
Tgt Ion:330 Resp: 2714

Ion Ratio Lower Upper

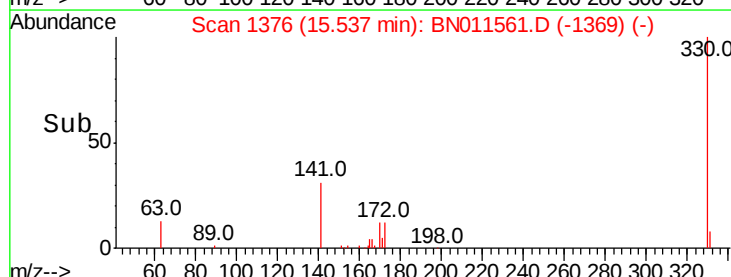
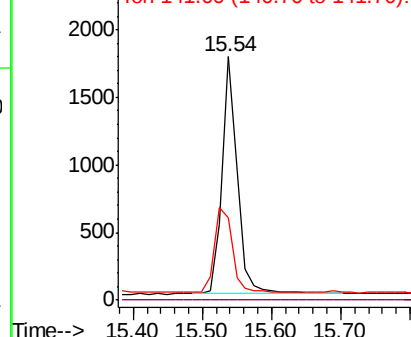
330 100

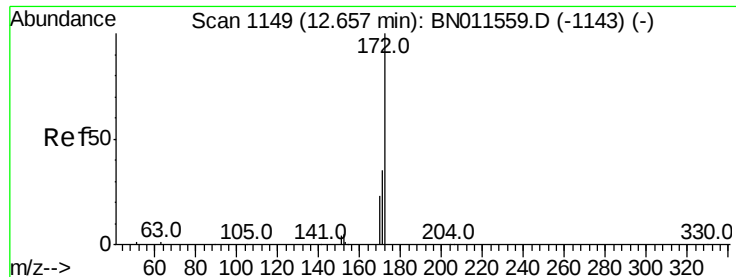
332 0.0 0.0 0.0

141 41.4 34.6 52.0



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 1.653 ng

RT: 12.64 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

Instrument :

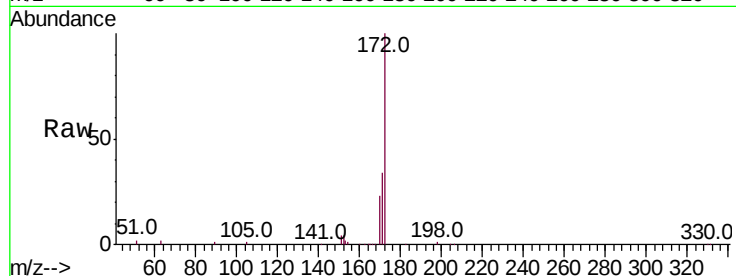
BNA_N

ClientSampleId :

SSTDICC1.6

Tot Ion:172 Resp: 23568

Ion	Ratio	Lower	Upper
172	100		
171	33.7	29.4	44.0
170	22.6	20.1	30.1

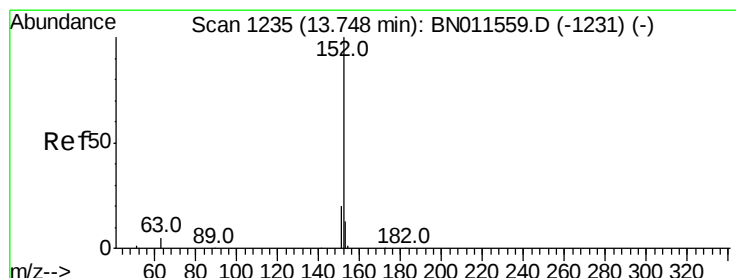
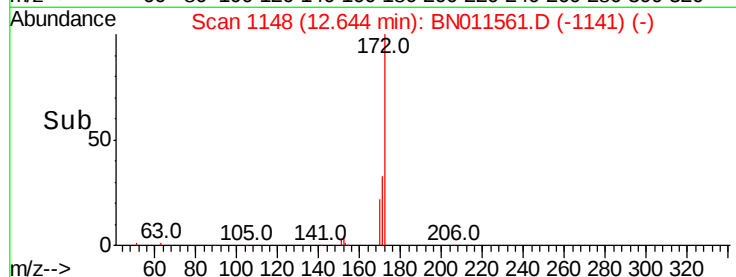
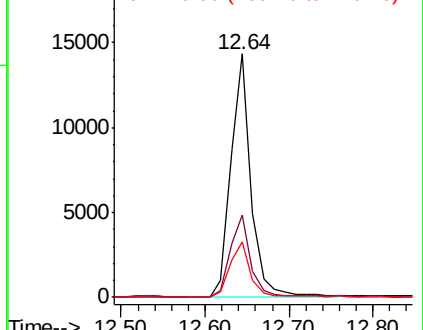


Abundance

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: 1.686 ng

RT: 13.74 min Scan# 1234

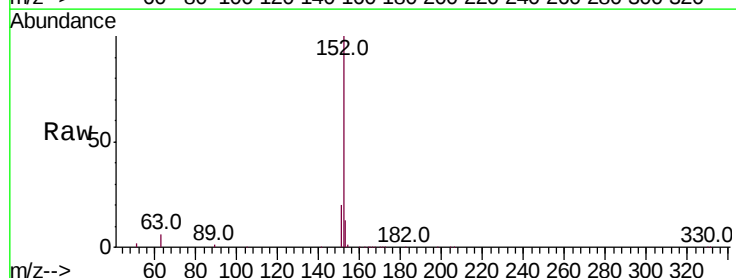
Delta R.T. -0.01 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

Tgt Ion:152 Resp: 27413

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.8
153	13.1	10.6	16.0

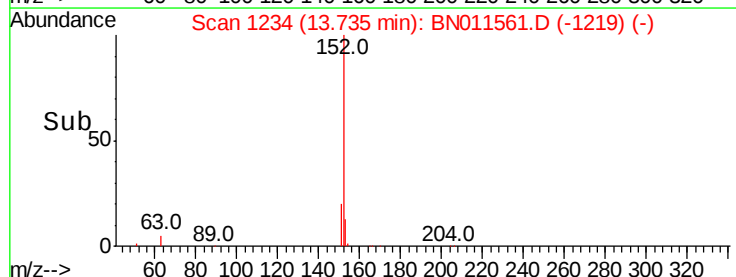
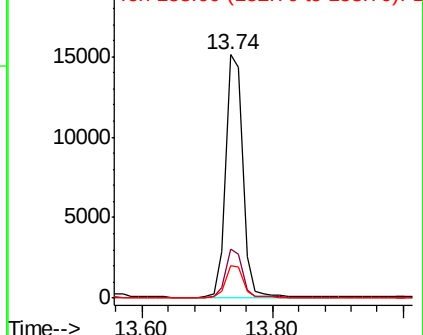


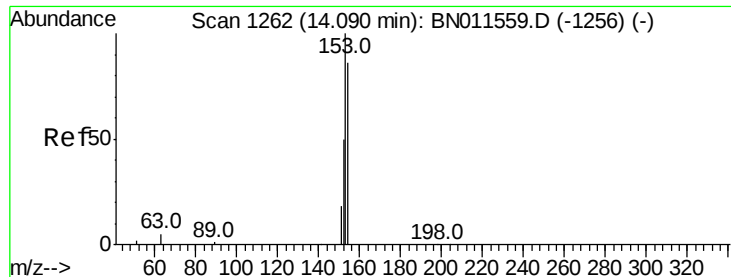
Abundance

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: 1.678 ng

RT: 14.09 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

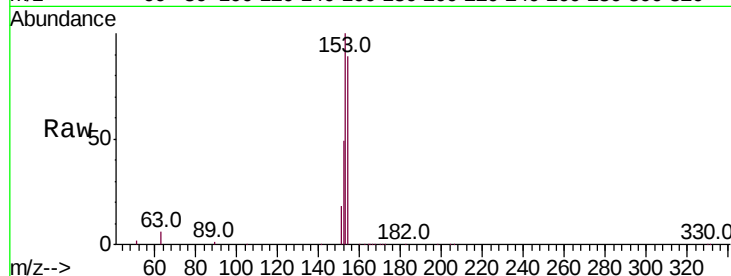
Tot Ion:154 Resp: 17637

Ion Ratio Lower Upper

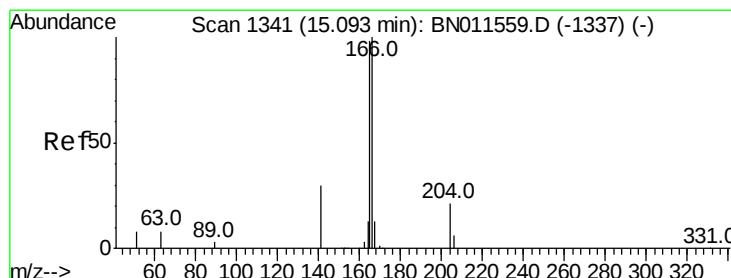
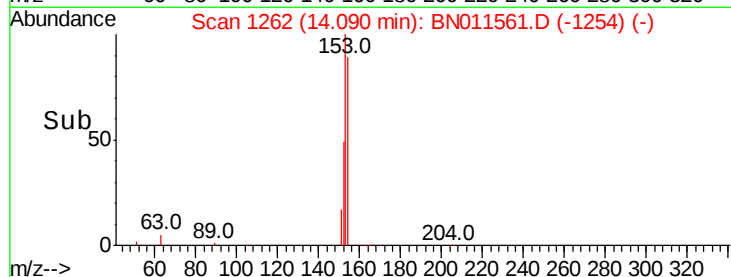
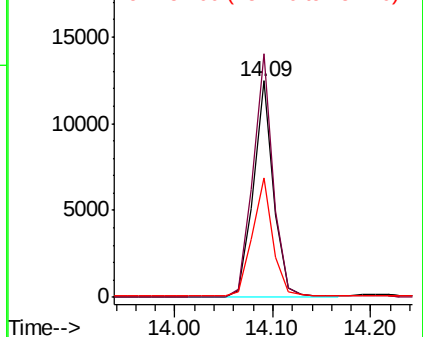
154 100

153 113.6 91.8 137.8

152 56.3 46.3 69.5



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: 1.768 ng

RT: 15.09 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

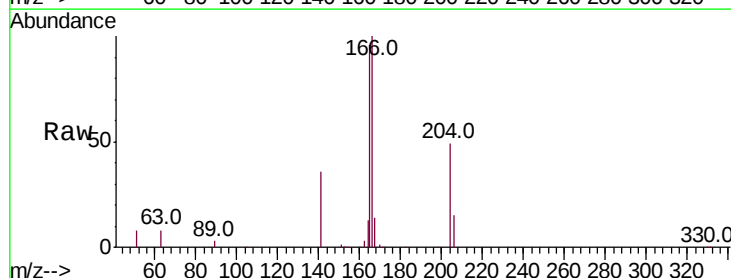
Tgt Ion:166 Resp: 23876

Ion Ratio Lower Upper

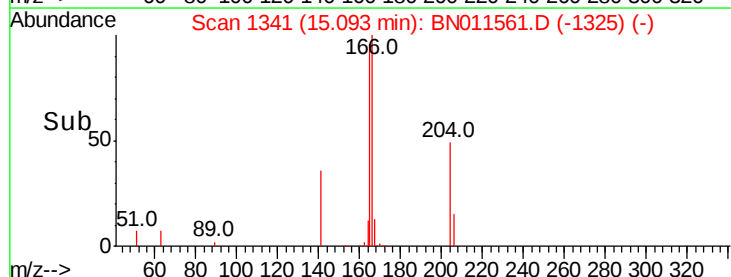
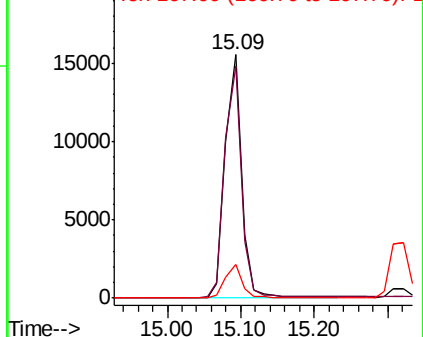
166 100

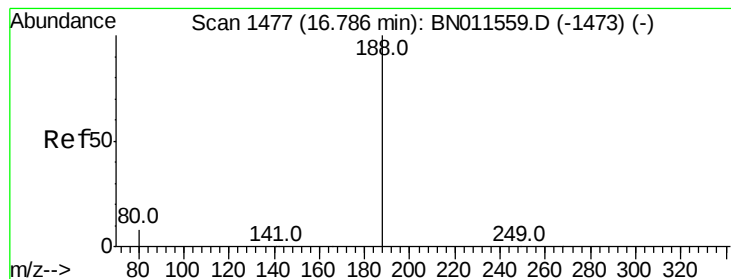
165 97.5 78.2 117.2

167 13.4 10.7 16.1



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: 16.79 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

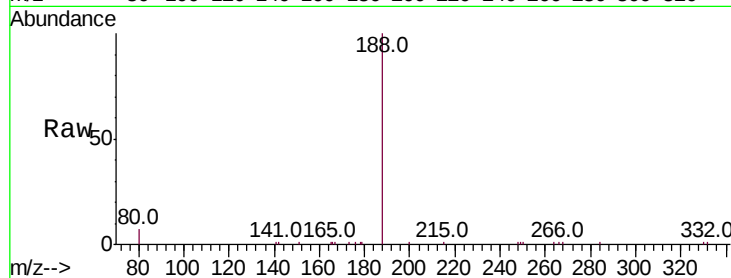
Tot Ion:188 Resp: 7466

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

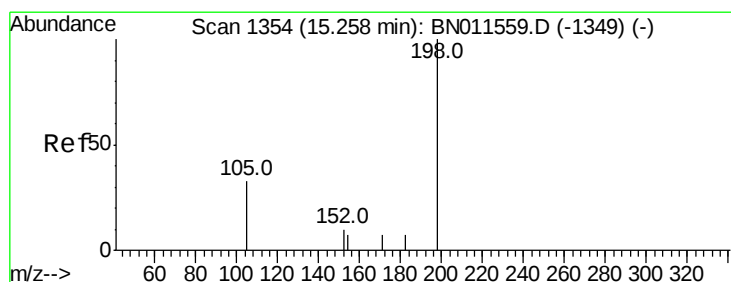
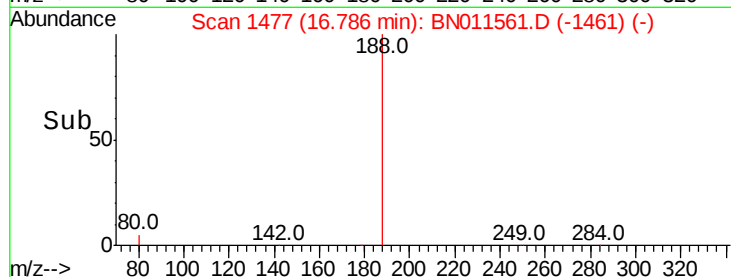
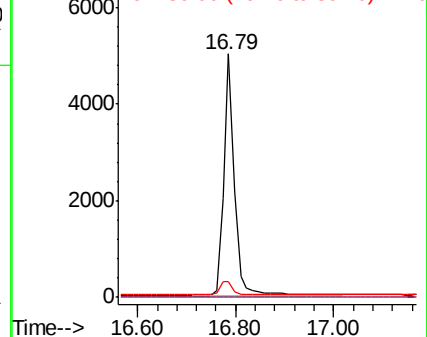
80 6.5 7.6 11.4#



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: 2.183 ng

RT: 15.21 min Scan# 1350

Delta R.T. -0.05 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

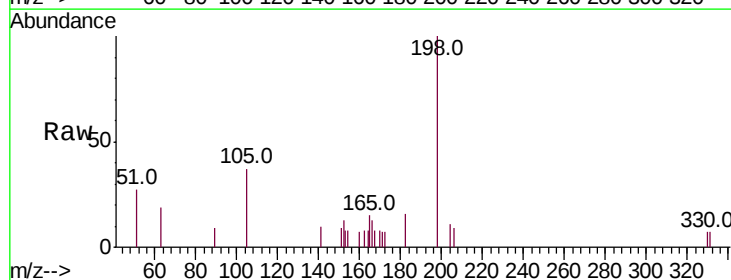
Tgt Ion:198 Resp: 1985

Ion Ratio Lower Upper

198 100

51 26.9 89.4 134.2#

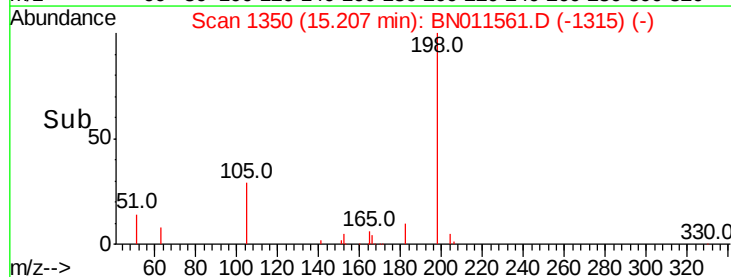
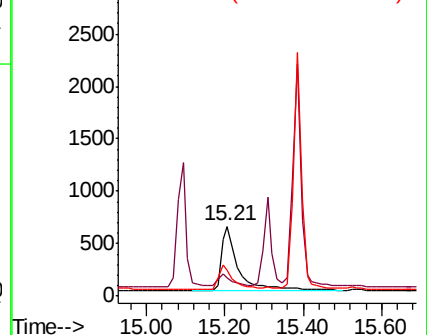
105 36.6 70.6 105.8#

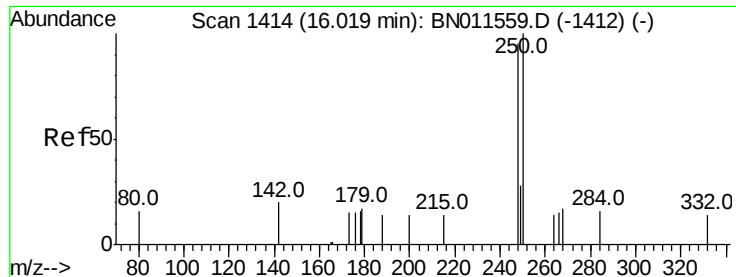


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

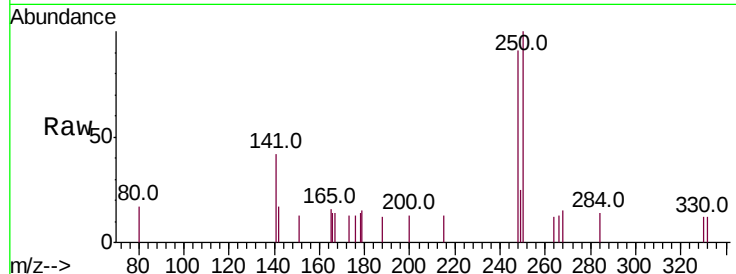




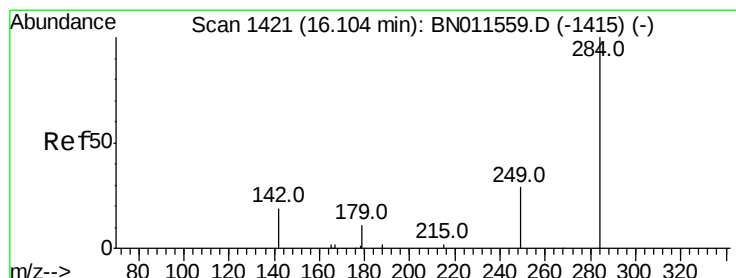
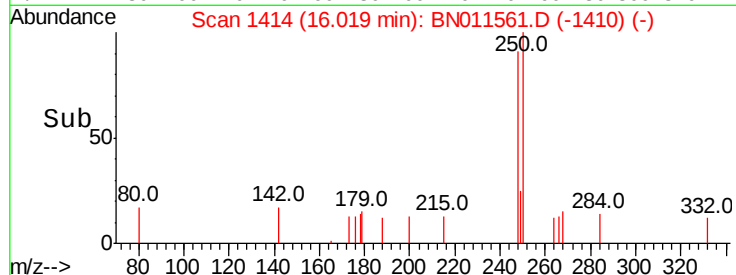
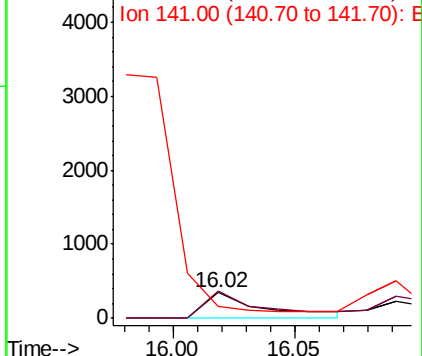
#21
4-Bromophenyl-phenylether
Concen: 0.096 ng
RT: 16.02 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BN011561.D
Acq: 21 Aug 2020 18:49

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tot Ion:248 Resp: 592
Ion Ratio Lower Upper
248 100
250 109.3 83.8 125.8
141 46.1 41.0 61.6

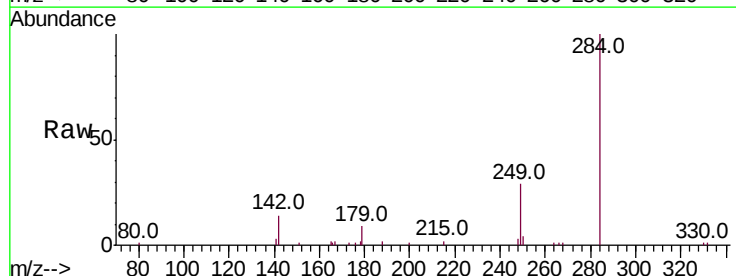


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

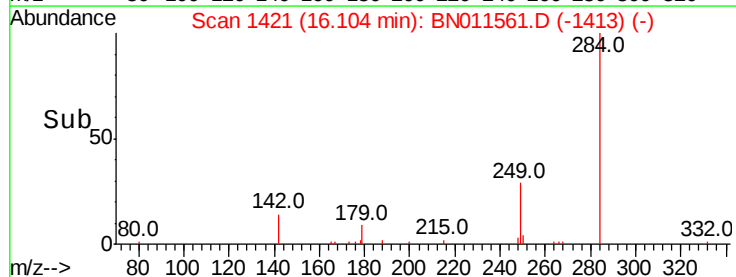
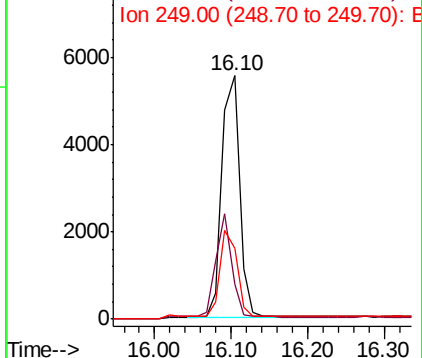


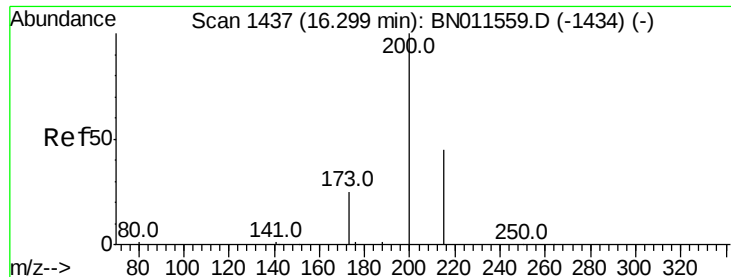
#22
Hexachlorobenzene
Concen: 1.592 ng
RT: 16.10 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BN011561.D
Acq: 21 Aug 2020 18:49

Tgt Ion:284 Resp: 8864
Ion Ratio Lower Upper
284 100
142 37.7 29.7 44.5
249 34.0 26.8 40.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#23

Atrazine

Concen: 1.867 ng

RT: 16.29 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

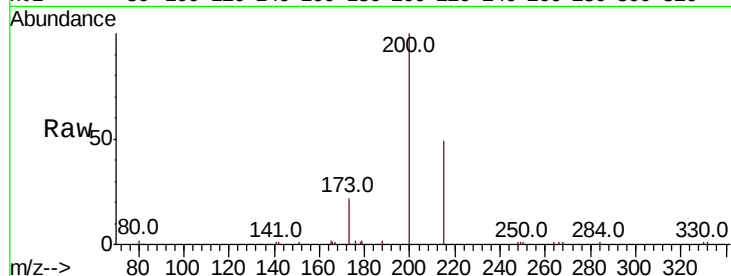
Tot Ion:200 Resp: 6780

Ion Ratio Lower Upper

200 100

173 22.5 27.7 41.5#

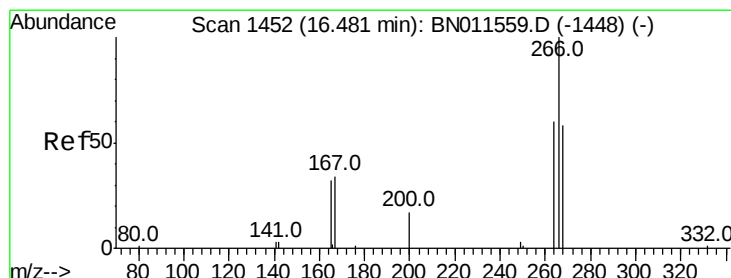
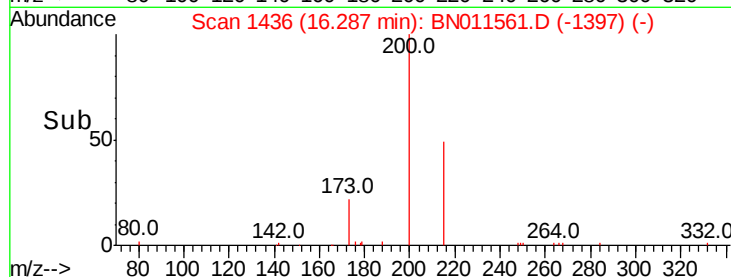
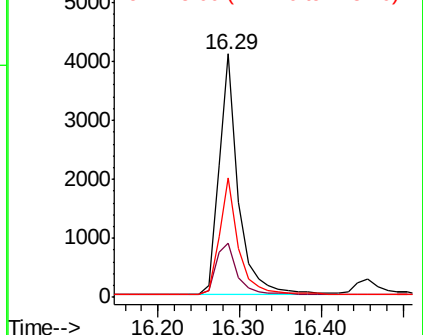
215 48.8 41.5 62.3



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: 1.761 ng

RT: 16.46 min Scan# 1450

Delta R.T. -0.02 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

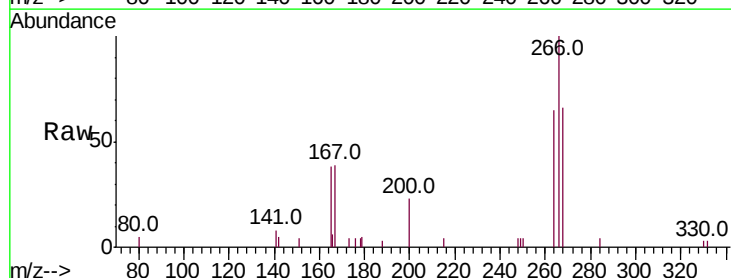
Tgt Ion:266 Resp: 3006

Ion Ratio Lower Upper

266 100

264 63.1 48.7 73.1

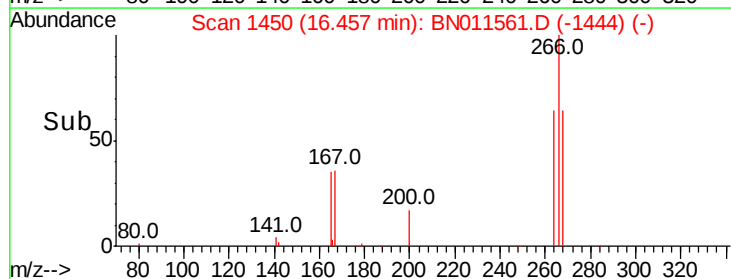
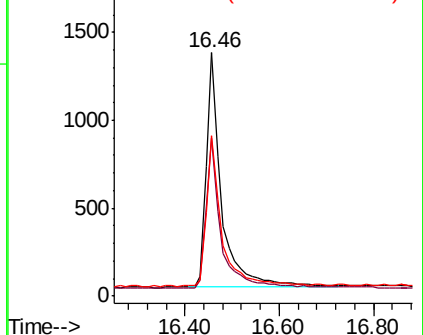
268 63.2 51.0 76.6

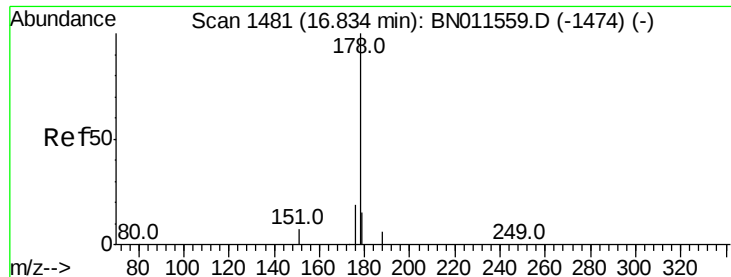


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 1.631 ng

RT: 16.82 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

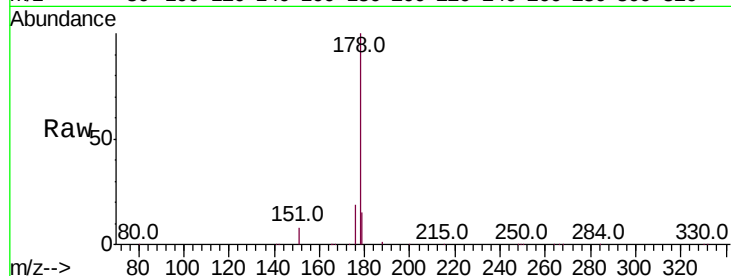
Tot Ion:178 Resp: 38807

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

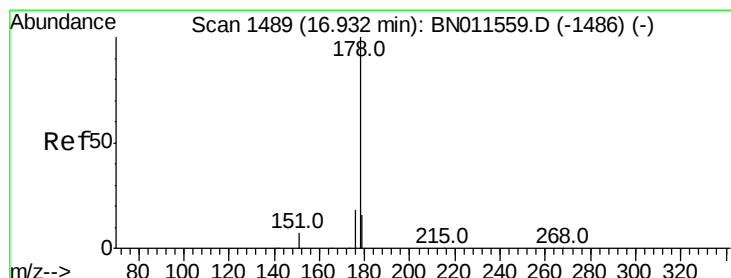
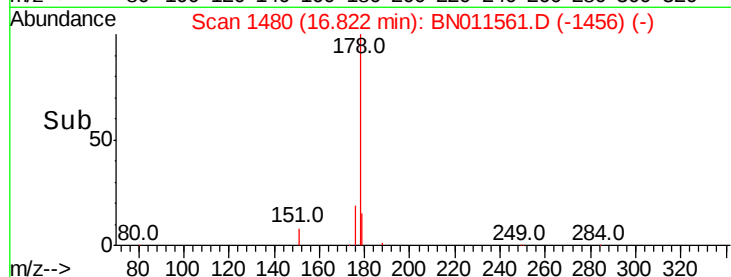
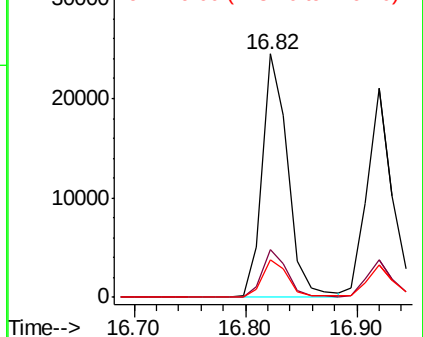
179 15.4 12.3 18.5



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: 1.671 ng

RT: 16.92 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

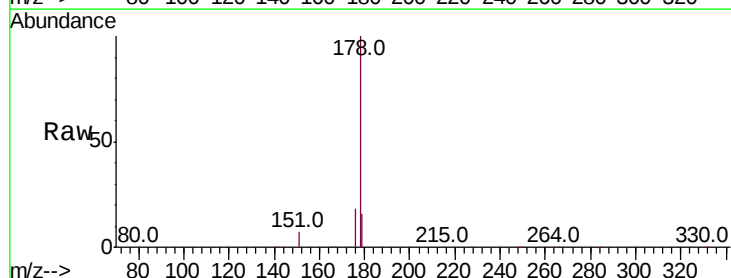
Tgt Ion:178 Resp: 33922

Ion Ratio Lower Upper

178 100

176 18.2 14.4 21.6

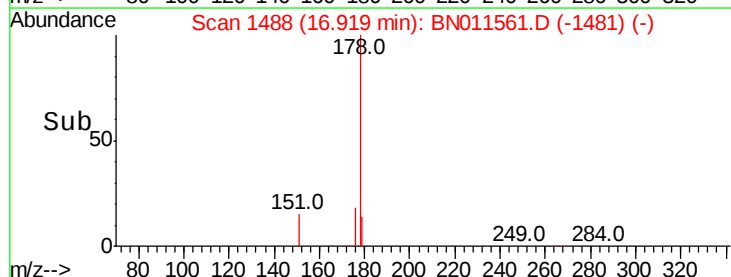
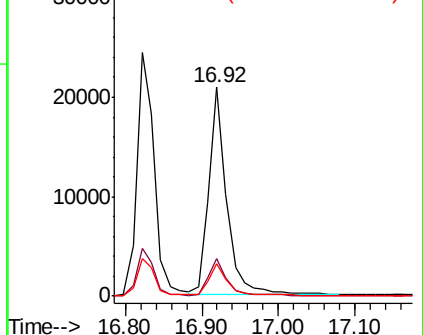
179 15.4 12.9 19.3

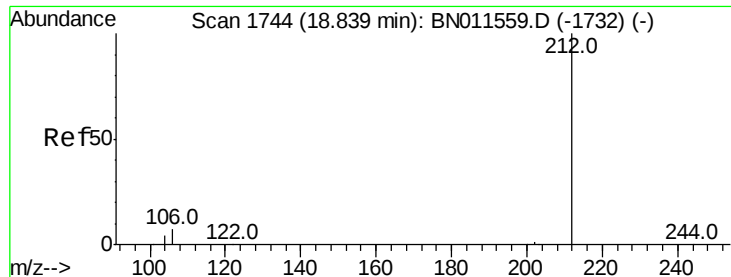


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 1.786 ng

RT: 18.83 min Scan# 1742

Delta R.T. -0.01 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

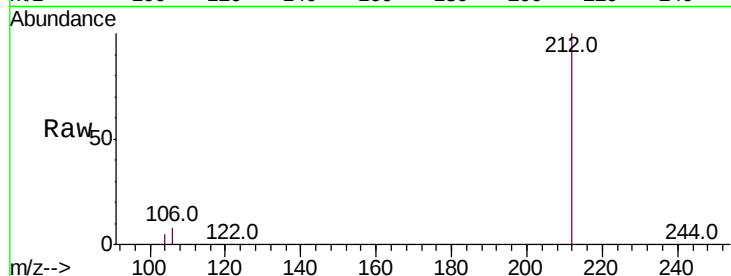
Tot Ion:212 Resp: 40653

Ion Ratio Lower Upper

212 100

106 8.2 6.2 9.2

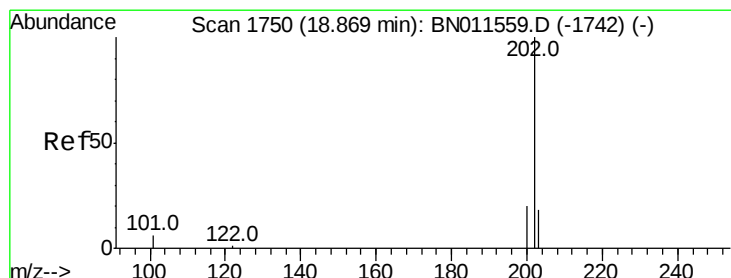
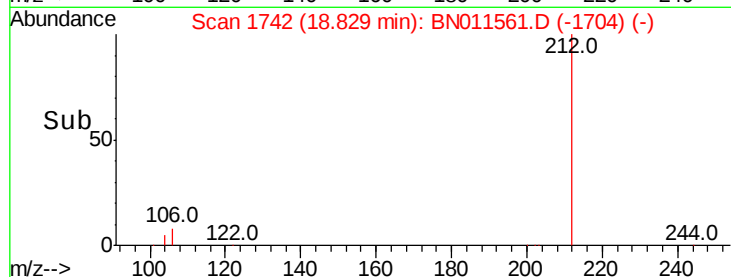
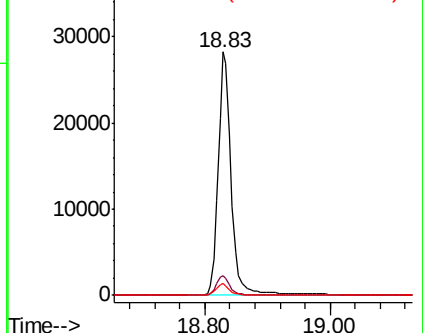
104 4.7 3.8 5.6



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: 1.747 ng

RT: 18.86 min Scan# 1749

Delta R.T. -0.01 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

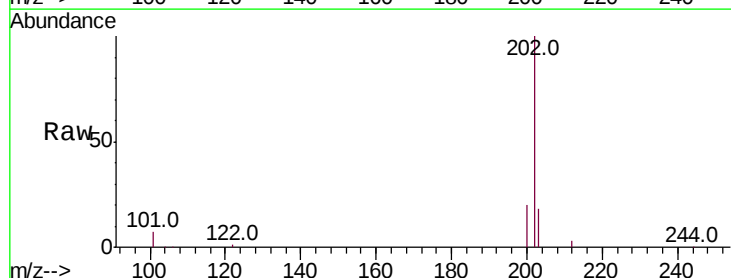
Tgt Ion:202 Resp: 49219

Ion Ratio Lower Upper

202 100

101 7.1 5.2 7.8

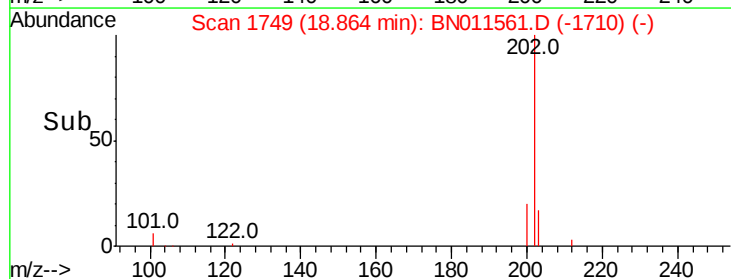
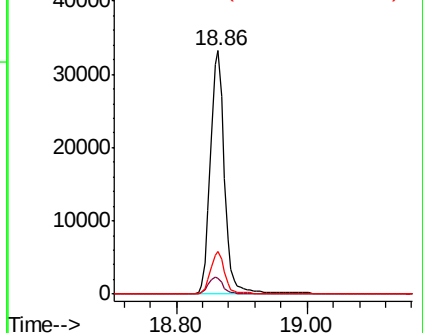
203 17.1 13.6 20.4

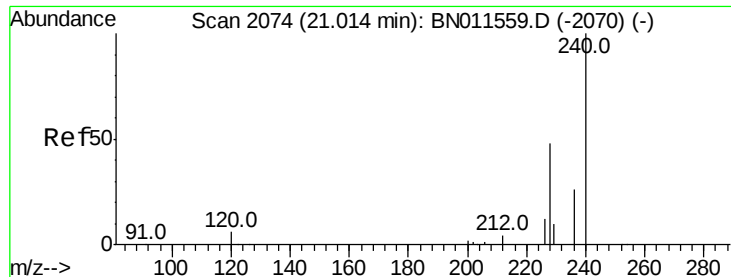


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.00 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

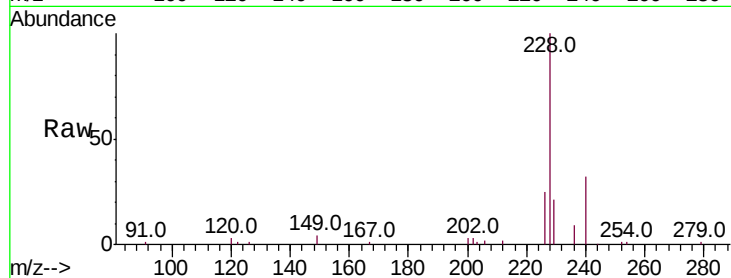
Tot Ion:240 Resp: 8338

Ion Ratio Lower Upper

240 100

120 10.6 7.4 11.0

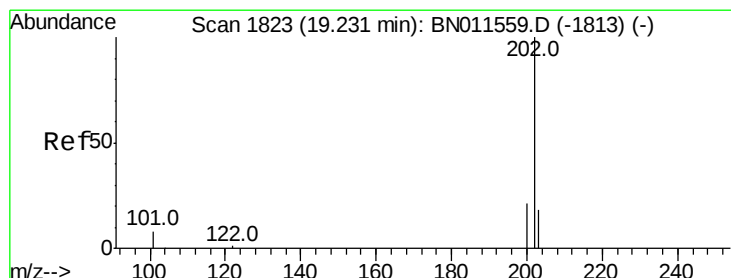
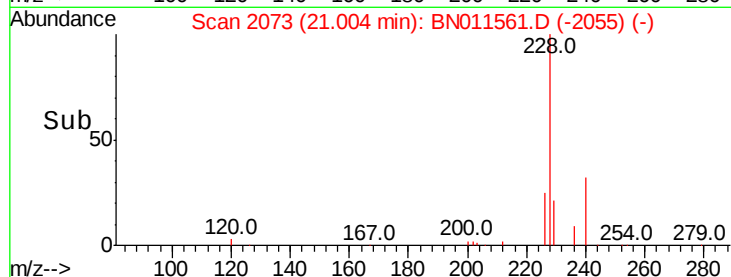
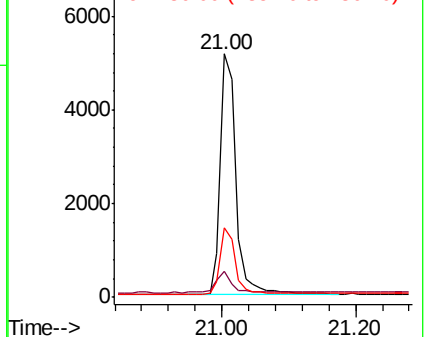
236 28.7 22.3 33.5



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



#30

Pyrene

Concen: 1.785 ng

RT: 19.23 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

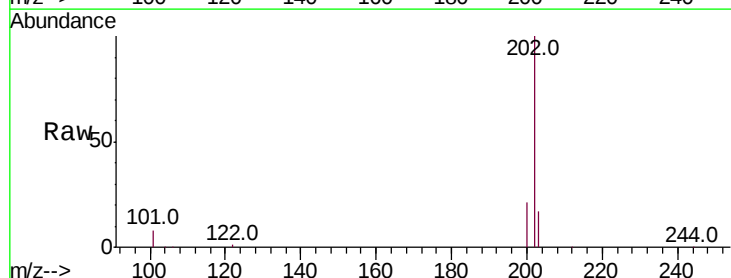
Tgt Ion:202 Resp: 49122

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

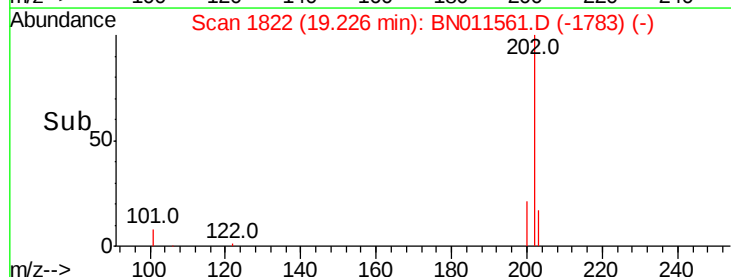
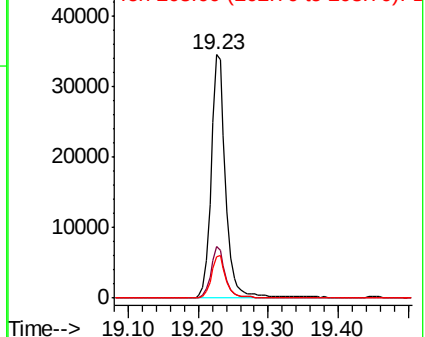
203 17.5 14.2 21.2

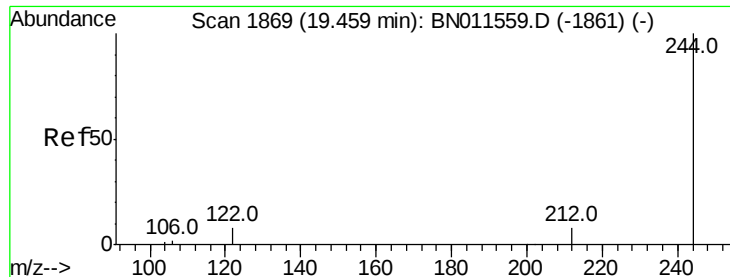


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 1.836 ng

RT: 19.45 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

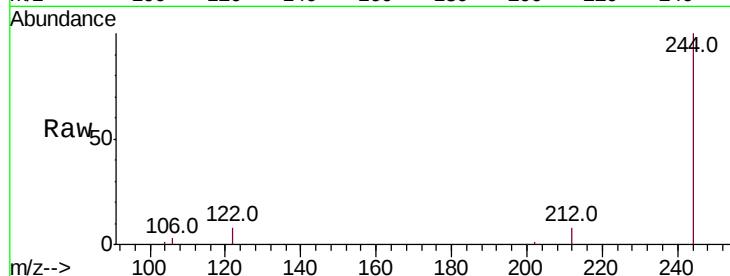
Tot Ion:244 Resp: 33865

Ion Ratio Lower Upper

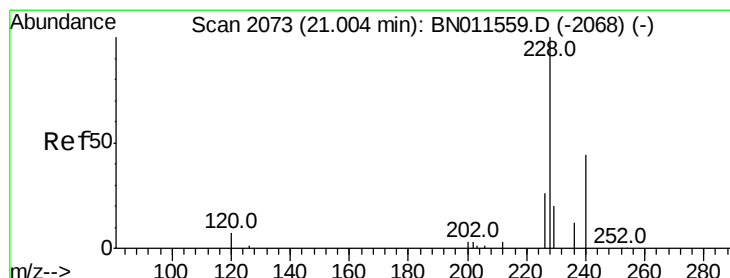
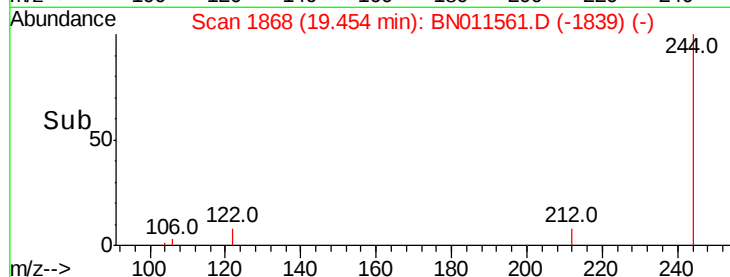
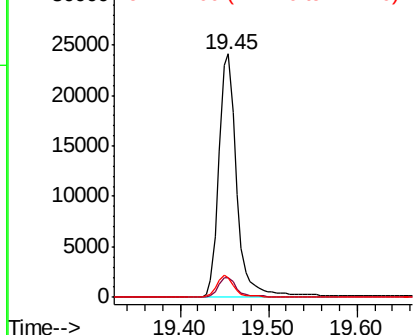
244 100

212 8.3 8.2 12.4

122 7.8 8.0 12.0#



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: 1.912 ng

RT: 20.99 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

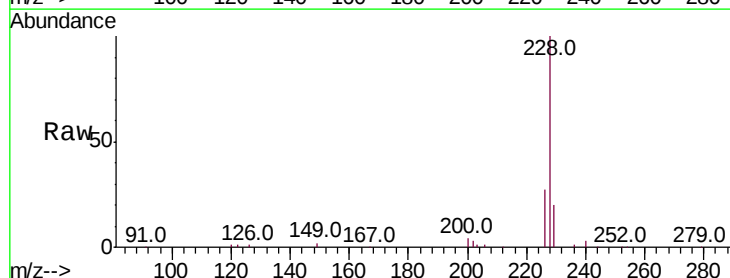
Tgt Ion:228 Resp: 48702

Ion Ratio Lower Upper

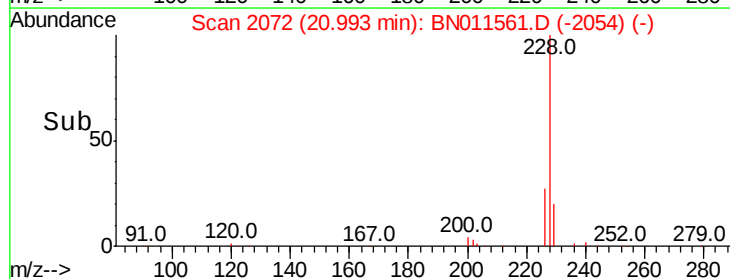
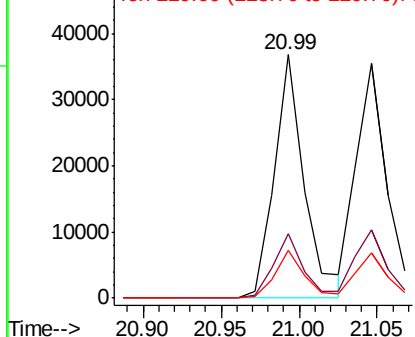
228 100

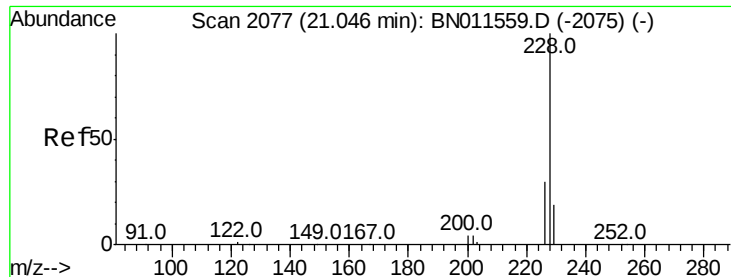
226 26.7 22.2 33.2

229 19.7 16.9 25.3



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: 1.719 ng

RT: 21.05 min Scan# 2077

Delta R.T. -0.00 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

Instrument :

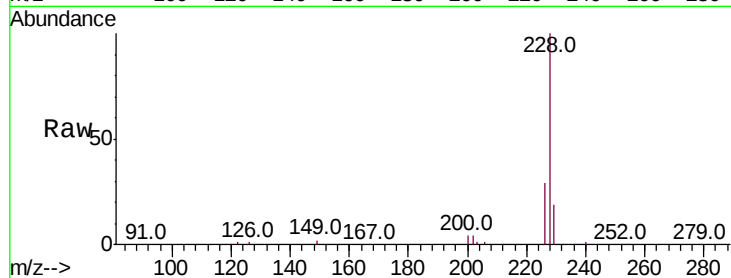
BNA_N

ClientSampleId :

SSTDICC1.6

Tot Ion:228 Resp: 49817

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.5	36.7
229	19.5	16.2	24.2

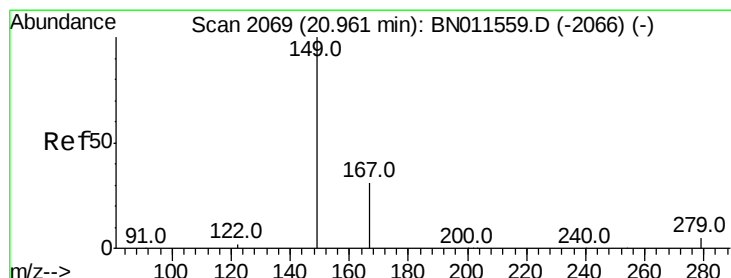
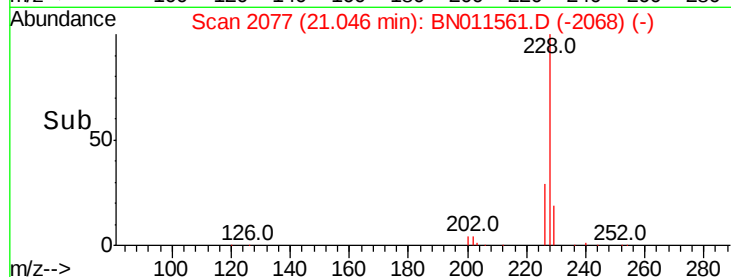
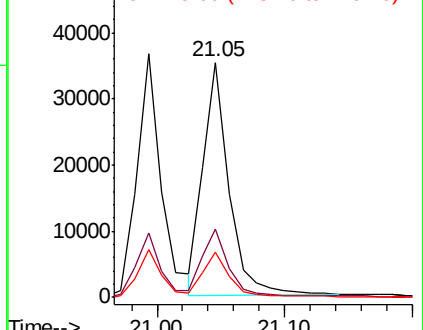


Abundance

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: 2.272 ng

RT: 20.96 min Scan# 2069

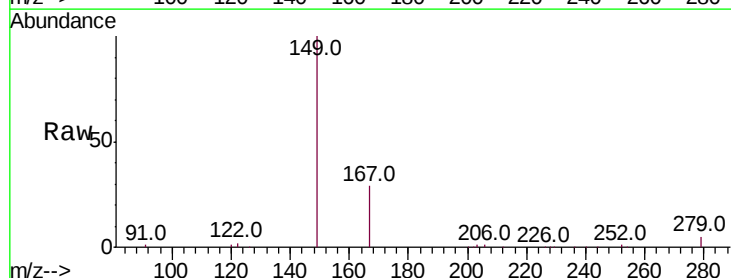
Delta R.T. -0.00 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

Tgt Ion:149 Resp: 20590

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.8	34.2
279	4.7	4.2	6.2

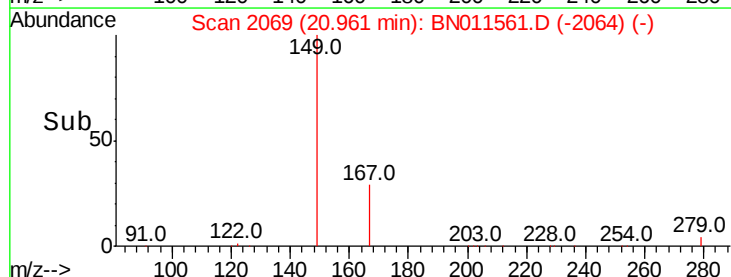
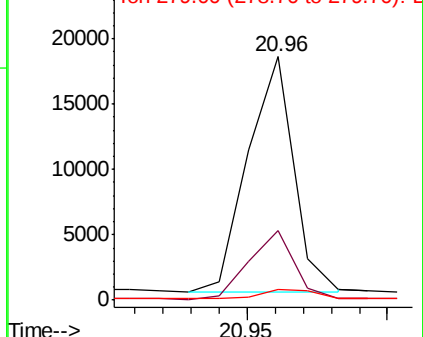


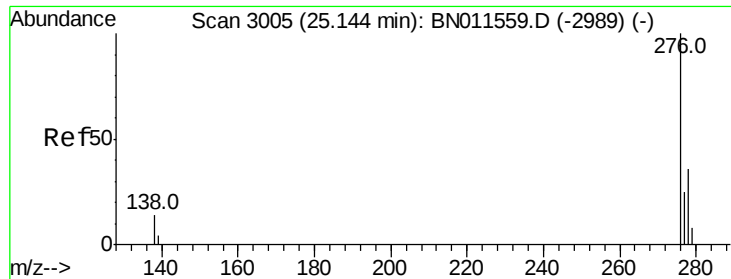
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

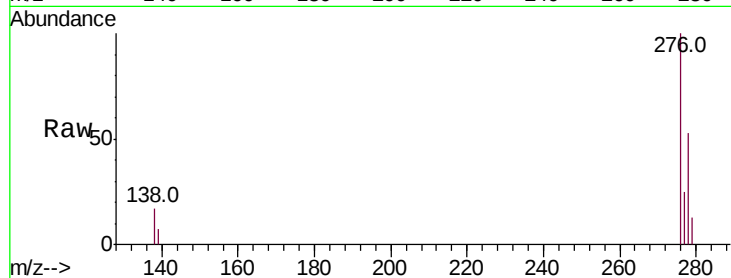




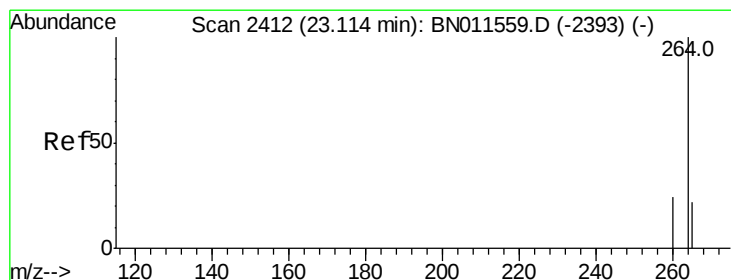
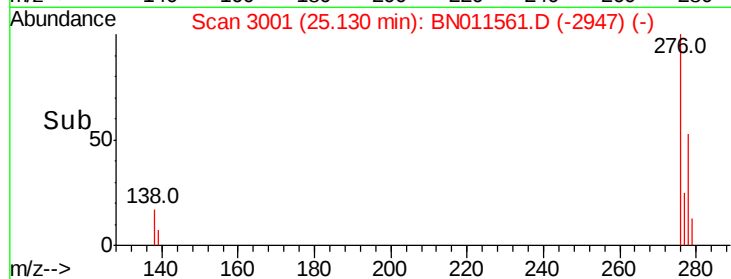
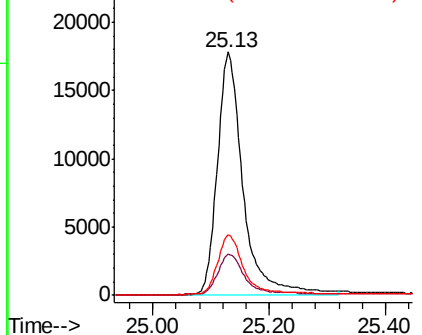
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 1.536 ng
 RT: 25.13 min Scan# 3001
 Delta R.T. -0.01 min
 Lab File: BN011561.D
 Acq: 21 Aug 2020 18:49

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

Tot Ion:276 Resp: 54477
 Ion Ratio Lower Upper
 276 100
 138 17.0 11.6 17.4
 277 24.4 18.2 27.4

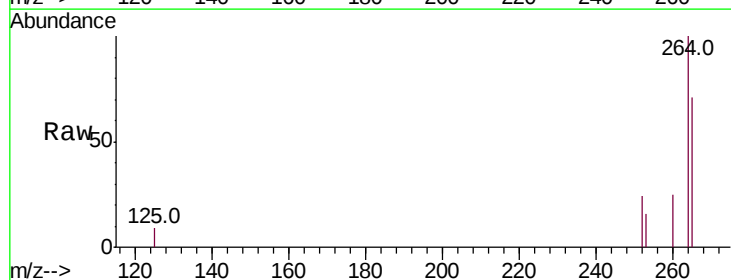


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

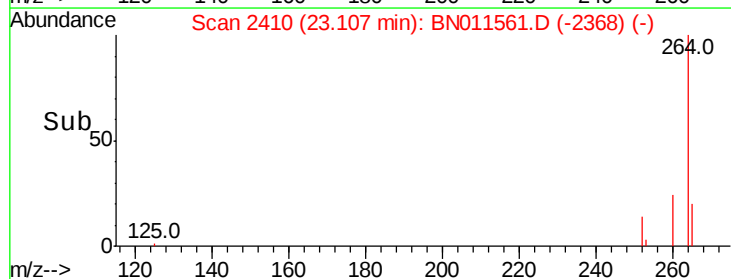
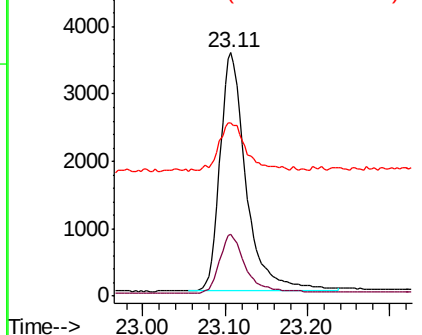


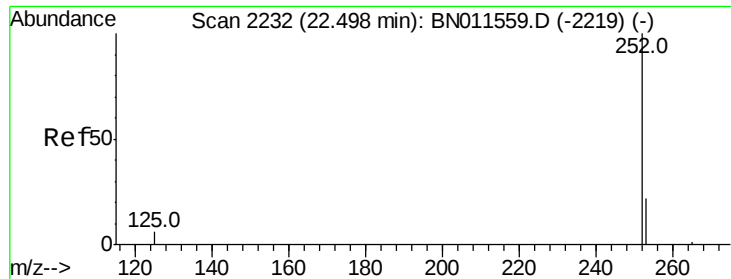
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.11 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BN011561.D
 Acq: 21 Aug 2020 18:49

Tgt Ion:264 Resp: 7877
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.3 30.5
 265 71.3 96.1 144.1#



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

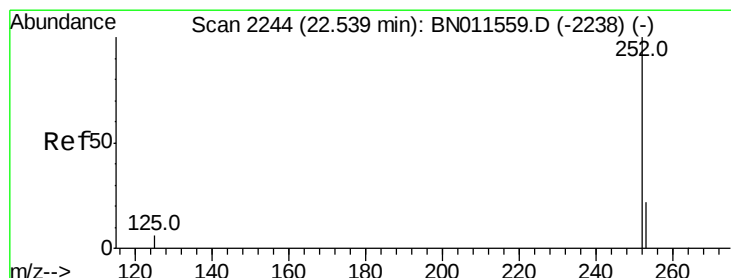
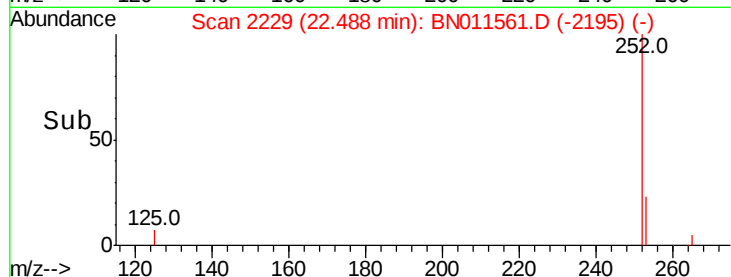
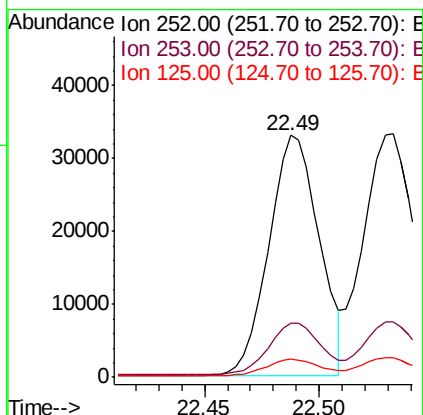
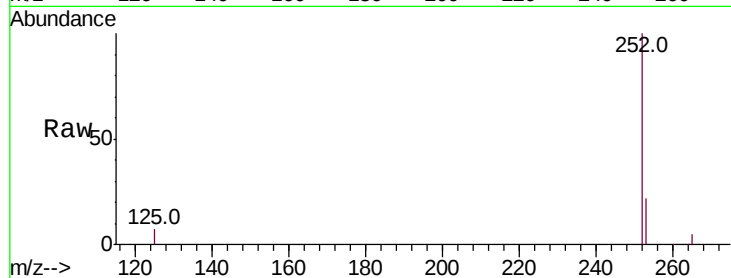




#37
Benzo(b)fluoranthene
Concen: 1.592 ng
RT: 22.49 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BN011561.D
Acq: 21 Aug 2020 18:49

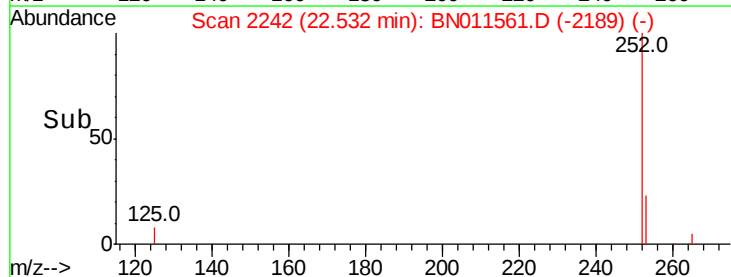
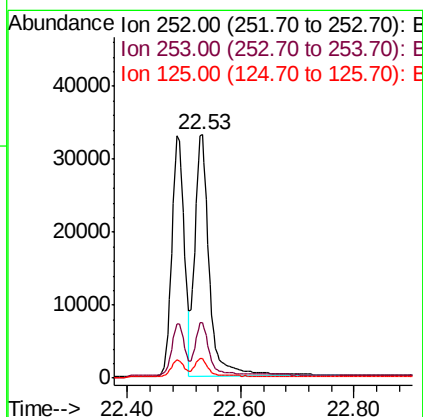
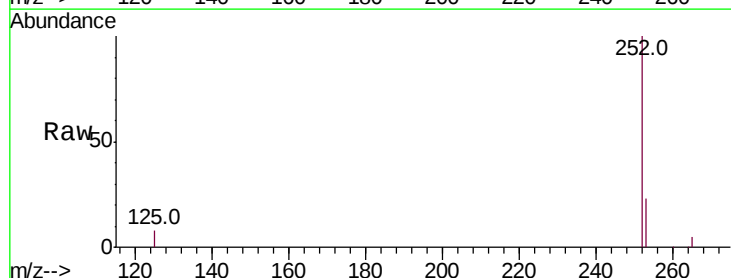
Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

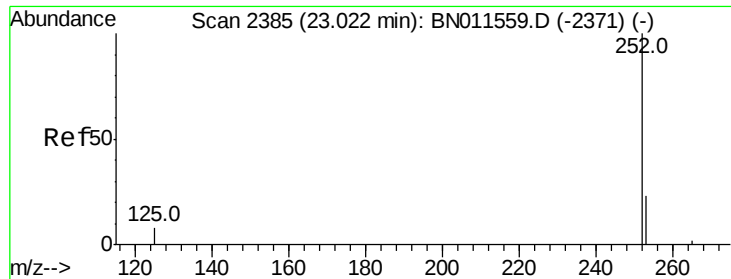
Tot Ion:252 Resp: 50044
Ion Ratio Lower Upper
252 100
253 22.4 25.5 38.3#
125 7.4 10.2 15.4#



#38
Benzo(k)fluoranthene
Concen: 1.815 ng
RT: 22.53 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BN011561.D
Acq: 21 Aug 2020 18:49

Tgt Ion:252 Resp: 59043
Ion Ratio Lower Upper
252 100
253 22.9 25.8 38.6#
125 7.8 10.8 16.2#





#39

Benzo(a)pyrene

Concen: 1.665 ng

RT: 23.01 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

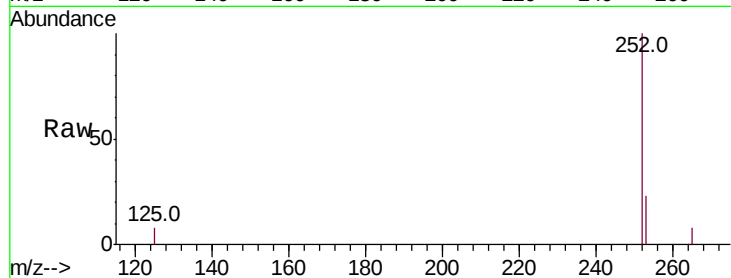
Tot Ion:252 Resp: 45550

Ion Ratio Lower Upper

252 100

253 23.0 31.8 47.8#

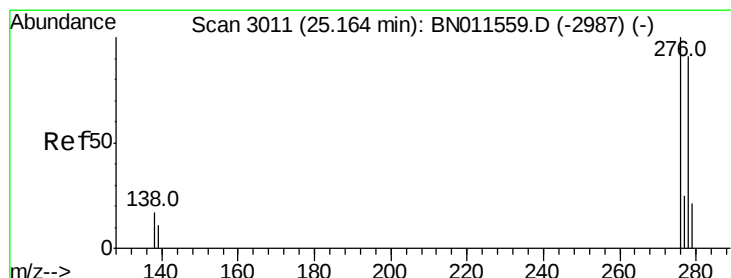
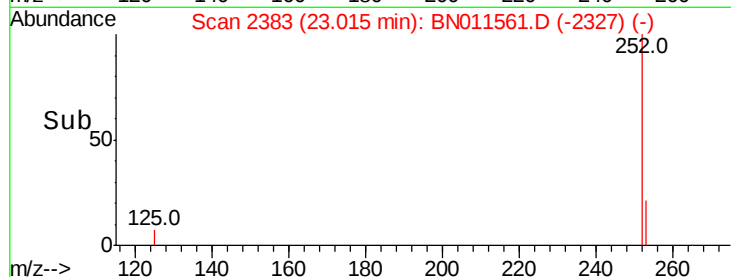
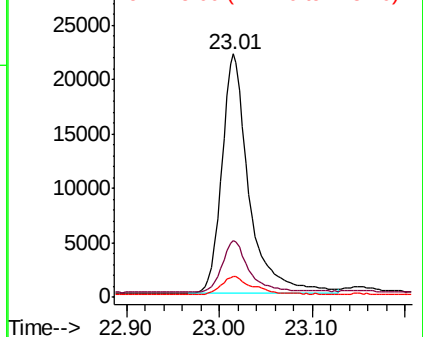
125 8.4 15.4 23.0#



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: 1.415 ng

RT: 25.14 min Scan# 3005

Delta R.T. -0.02 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

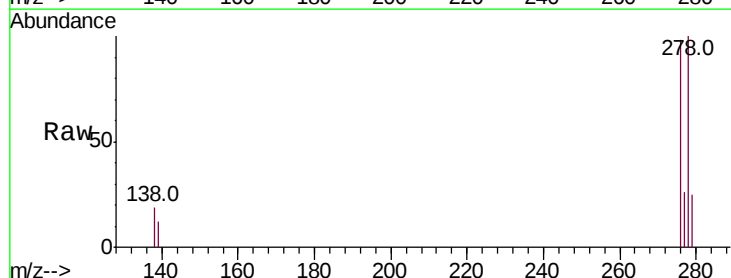
Tgt Ion:278 Resp: 43184

Ion Ratio Lower Upper

278 100

139 11.9 14.0 21.0#

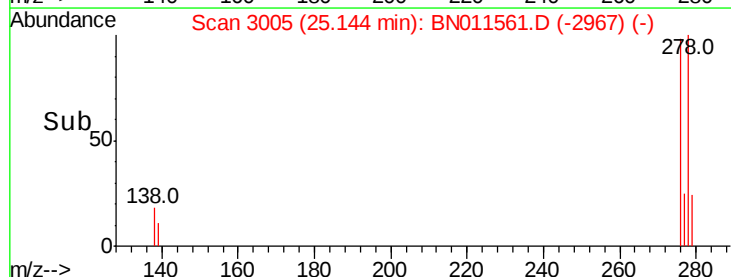
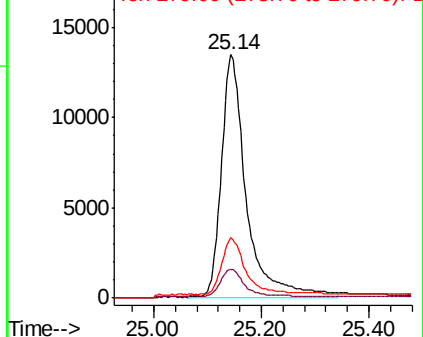
279 24.9 32.4 48.6#

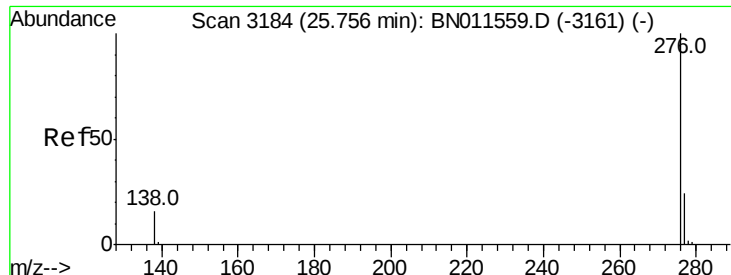


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.430 ng

RT: 25.75 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BN011561.D

Acq: 21 Aug 2020 18:49

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

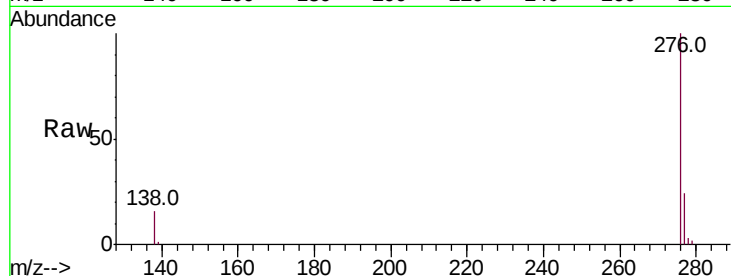
Tot Ion:276 Resp: 45630

Ion Ratio Lower Upper

276 100

277 24.3 22.1 33.1

138 16.0 15.4 23.2



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

