

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081920\
 Data File : BN011515.D
 Acq On : 19 Aug 2020 13:59
 Operator : CG/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

Quant Time: Aug 19 15:46:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 19 13:20:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	1052	0.40	ng	0.00
7) Naphthalene-d8	10.17	136	3580	0.40	ng	0.00
13) Acenaphthene-d10	14.06	164	2221	0.40	ng	0.00
19) Phenanthrene-d10	16.82	188	4753	0.40	ng	0.00
29) Chrysene-d12	21.04	240	5891	0.40	ng	-0.01
36) Perylene-d12	23.15	264	4925	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.10	112	4031	1.46	ng	0.00
5) Phenol-d6	6.64	99	5065	1.51	ng	-0.02
8) Nitrobenzene-d5	8.56	82	5039	1.58	ng	-0.03
11) 2-Methylnaphthalene-d10	11.77	152	10742	1.64	ng	0.00
14) 2,4,6-Tribromophenol	15.57	330	1648	1.61	ng	0.00
15) 2-Fluorobiphenyl	12.67	172	16316	1.70	ng	-0.01
27) Fluoranthene-d10	18.86	212	24680	1.70	ng	0.00
31) Terphenyl-d14	19.48	244	21236	1.19	ng	0.00

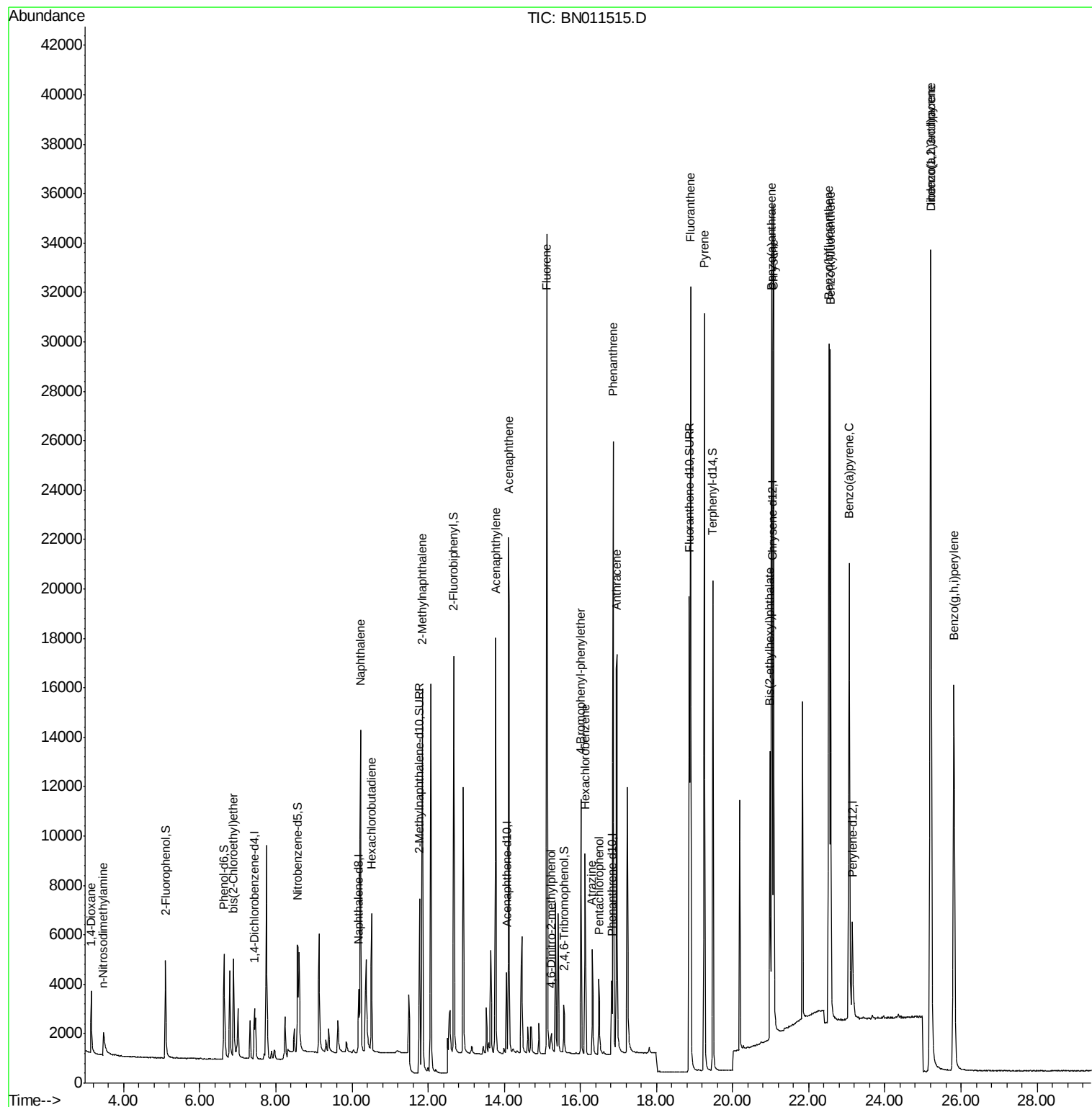
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.15	88	2211	1.493	ng	93
3) n-Nitrosodimethylamine	3.47	42	995	1.311	ng	# 94
6) bis(2-Chloroethyl)ether	6.89	93	4344	1.553	ng	# 90
9) Naphthalene	10.22	128	17235	1.623	ng	95
10) Hexachlorobutadiene	10.52	225	4415	1.717	ng	# 98
12) 2-Methylnaphthalene	11.85	142	12228	1.624	ng	98
16) Acenaphthylene	13.77	152	18502	1.618	ng	99
17) Acenaphthene	14.12	154	11838	1.587	ng	99
18) Fluorene	15.12	166	15637	1.634	ng	97
20) 4,6-Dinitro-2-methylphenol	15.23	198	1066	1.621	ng	# 38
21) 4-Bromophenyl-phenylether	16.02	248	5264	1.670	ng	# 86
22) Hexachlorobenzene	16.13	284	5730	1.604	ng	98
23) Atrazine	16.31	200	3903	1.591	ng	94
24) Pentachlorophenol	16.48	266	1810	1.632	ng	96
25) Phenanthrene	16.86	178	25374	1.640	ng	99
26) Anthracene	16.96	178	21788	1.695	ng	99
28) Fluoranthene	18.89	202	30291	1.722	ng	99
30) Pvrene	19.26	202	30095	1.133	ng	99
32) Benzo(a)anthracene	21.02	228	28358	1.436	ng	98
33) Chrysene	21.08	228	32117	1.450	ng	98
34) Bis(2-ethylhexyl)phthalate	20.98	149	9436	0.891	ng	99
35) Indeno(1,2,3-cd)pyrene	25.20	276	38470	1.778	ng	99
37) Benzo(b)fluoranthene	22.53	252	32474	1.654	ng	# 90
38) Benzo(k)fluoranthene	22.57	252	33604	1.554	ng	# 89
39) Benzo(a)pyrene	23.06	252	28296	1.660	ng	# 86
40) Dibenzo(a,h)anthracene	25.21	278	31558	1.790	ng	92
41) Benzo(g,h,i)perylene	25.81	276	32106	1.642	ng	97

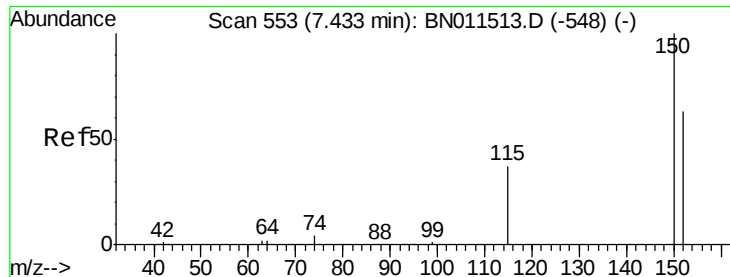
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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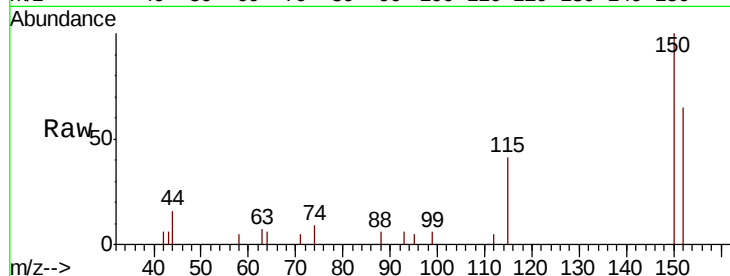


#1

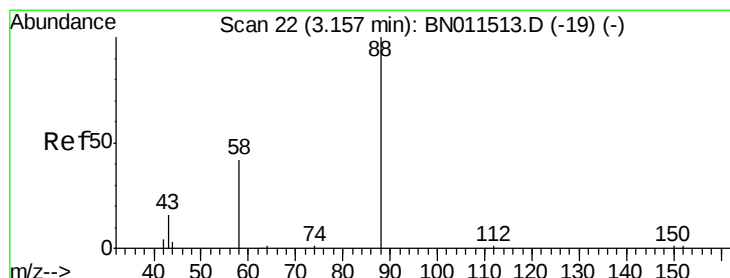
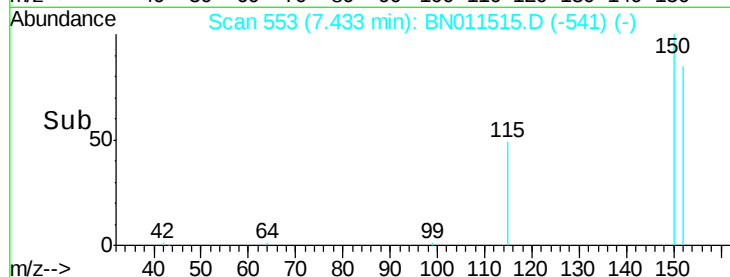
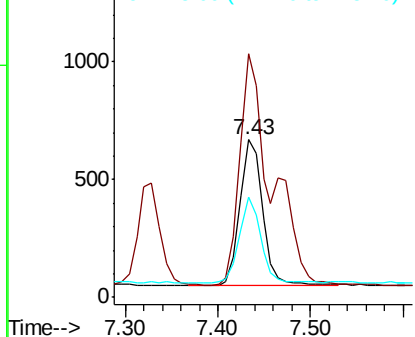
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 553
Delta R.T. -0.00 min
Lab File: BN011515.D
Acq: 19 Aug 2020 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tot Ion:152 Resp: 1052
Ion Ratio Lower Upper
152 100
150 154.3 121.6 182.4
115 63.3 51.9 77.9



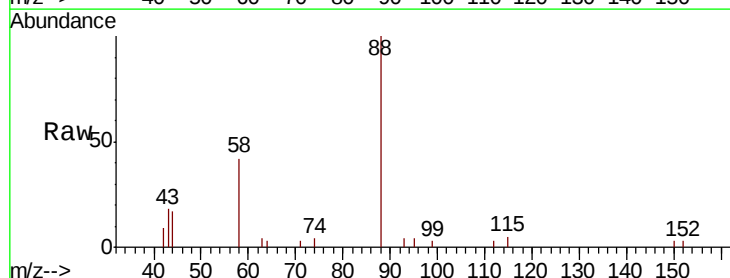
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



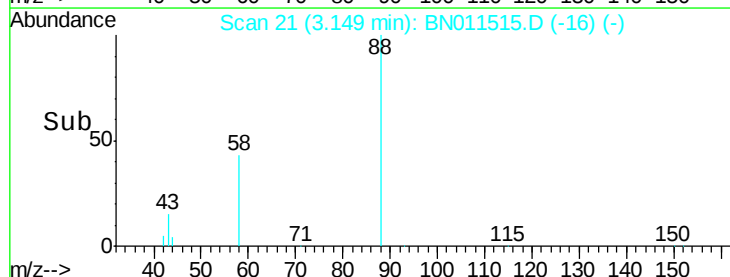
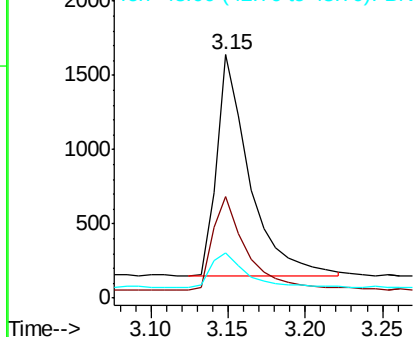
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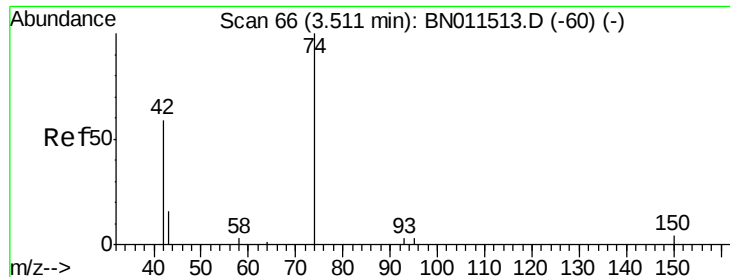
1,4-Dioxane
Concen: 1.493 ng
RT: 3.15 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN011515.D
Acq: 19 Aug 2020 13:59

Tgt Ion: 88 Resp: 2211
Ion Ratio Lower Upper
88 100
58 43.9 38.6 57.8
43 16.5 15.8 23.6



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



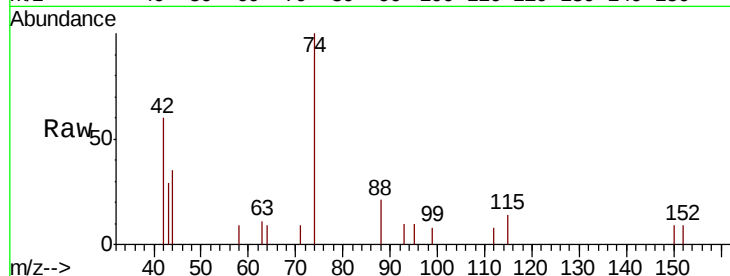


#3

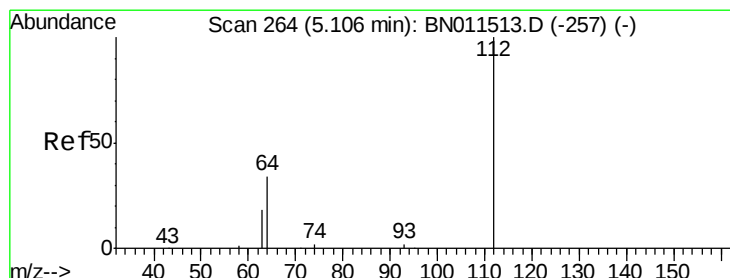
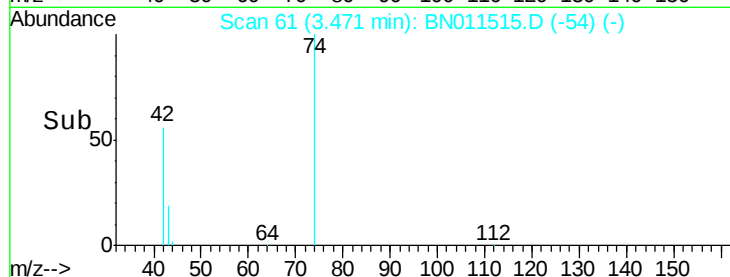
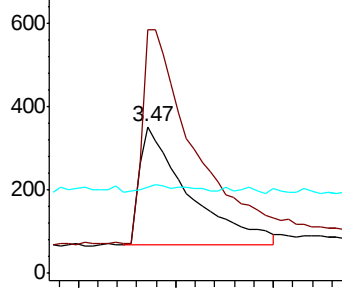
n-Nitrosodimethylamine
 Concen: 1.311 ng
 RT: 3.47 min Scan# 61
 Delta R.T. -0.04 min
 Lab File: BN011515.D
 Acq: 19 Aug 2020 13:59

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

Tot Ion: 42 Resp: 995
 Ion Ratio Lower Upper
 42 100
 74 196.5 150.4 225.6
 44 3.2 0.0 0.0#



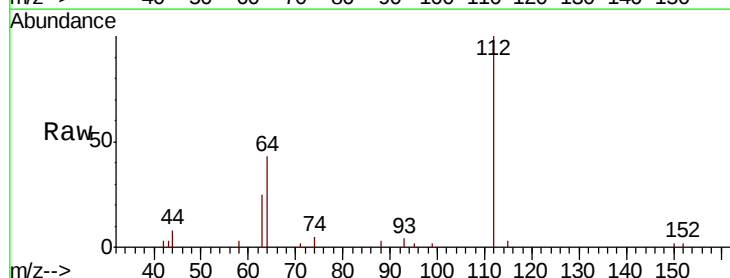
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



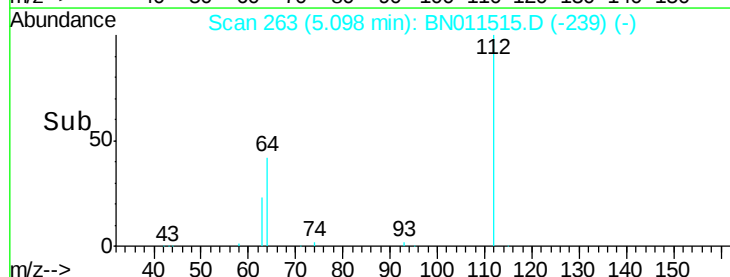
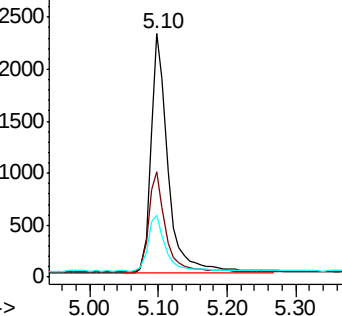
#4

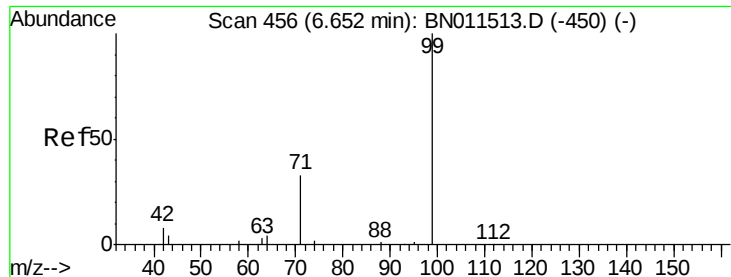
2-Fluorophenol
 Concen: 1.459 ng
 RT: 5.10 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: BN011515.D
 Acq: 19 Aug 2020 13:59

Tgt Ion: 112 Resp: 4031
 Ion Ratio Lower Upper
 112 100
 64 41.8 33.8 50.6
 63 23.5 19.5 29.3



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: 1.507 ng

RT: 6.64 min Scan# 454

Delta R.T. -0.02 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

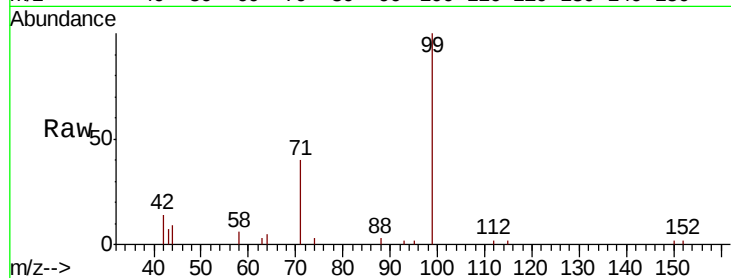
Tot Ion: 99 Resp: 5065

Ion Ratio Lower Upper

99 100

42 11.8 10.0 15.0

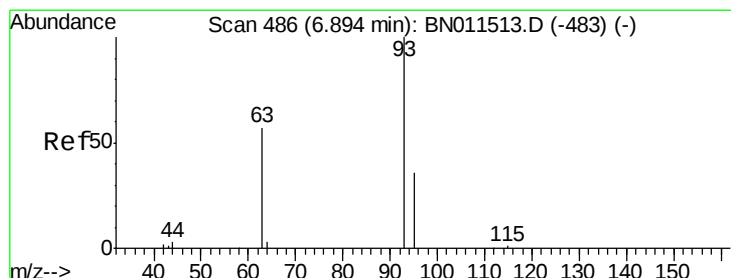
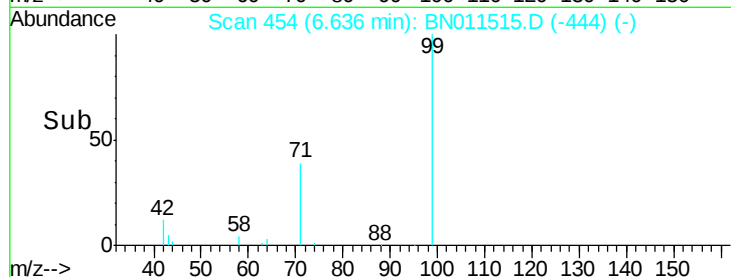
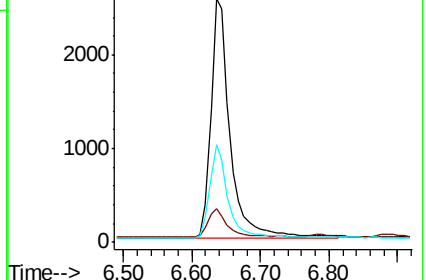
71 37.6 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BN011515.D (-450) (-)

Ion 42.00 (41.70 to 42.70): BN011515.D (-450) (-)

Ion 71.00 (70.70 to 71.70): BN011515.D (-450) (-)



#6

bis(2-Chloroethyl)ether

Concen: 1.553 ng

RT: 6.89 min Scan# 485

Delta R.T. -0.01 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

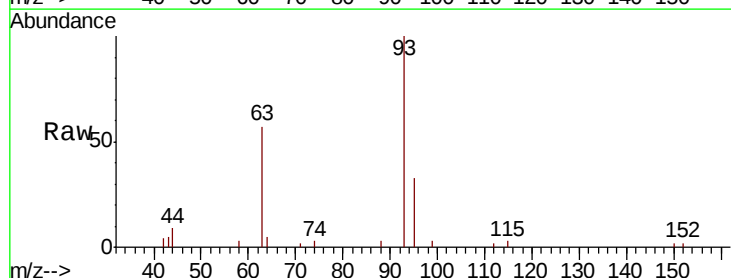
Tgt Ion: 93 Resp: 4344

Ion Ratio Lower Upper

93 100

63 52.0 45.4 68.2

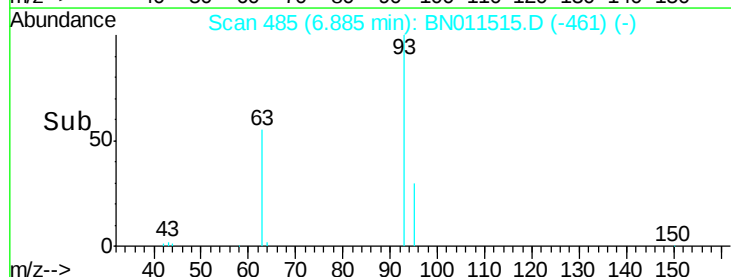
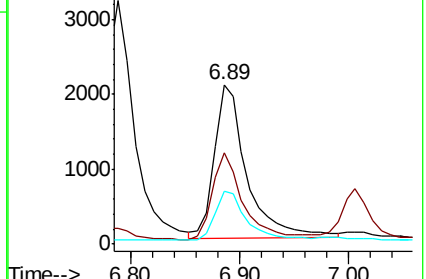
95 30.7 31.8 47.8#

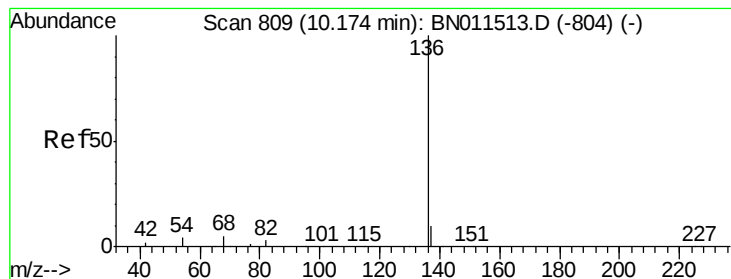


Abundance Ion 93.00 (92.70 to 93.70): BN011515.D (-483) (-)

Ion 63.00 (62.70 to 63.70): BN011515.D (-483) (-)

Ion 95.00 (94.70 to 95.70): BN011515.D (-483) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.17 min Scan# 809

Delta R.T. -0.00 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 3580

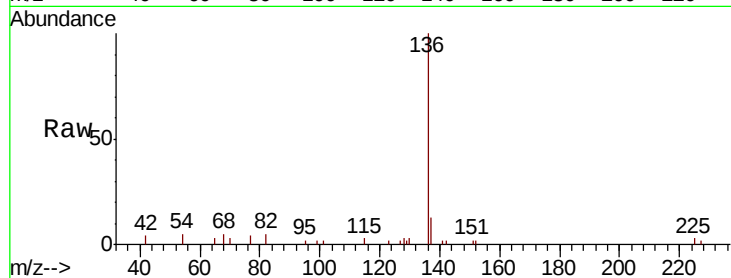
Ion Ratio Lower Upper

136 100

137 12.7 10.3 15.5

54 5.5 5.7 8.5#

68 5.5 6.0 9.0#

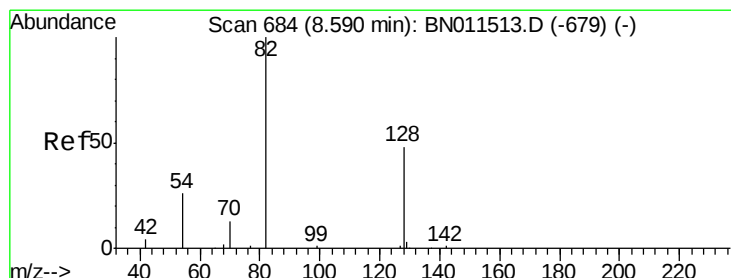
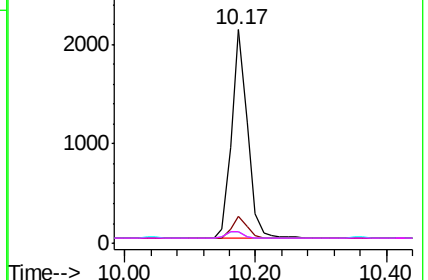
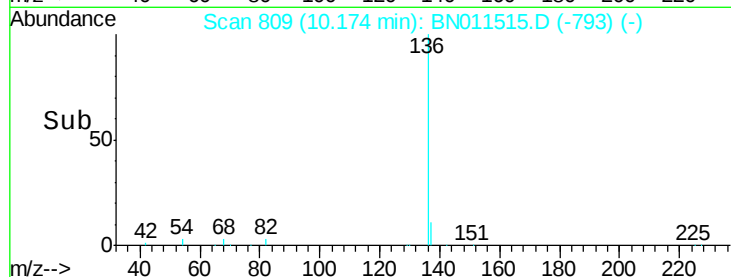


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.577 ng

RT: 8.56 min Scan# 682

Delta R.T. -0.03 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

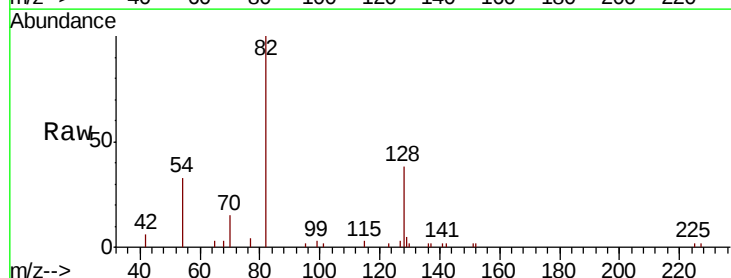
Tgt Ion: 82 Resp: 5039

Ion Ratio Lower Upper

82 100

128 37.8 44.6 66.8#

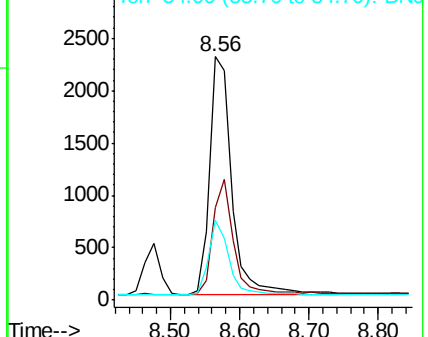
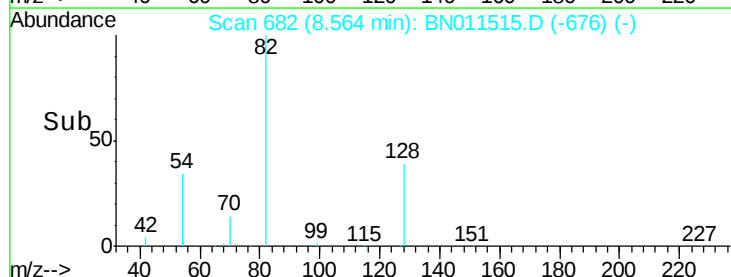
54 33.0 27.6 41.4

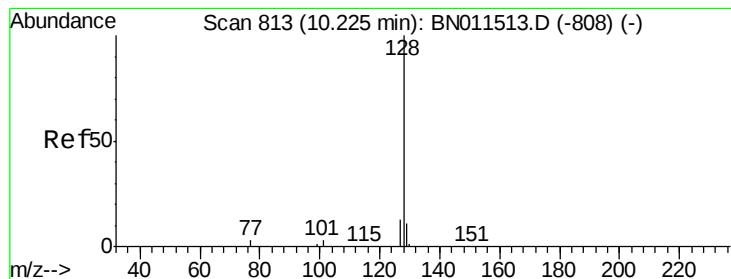


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 1.623 ng

RT: 10.22 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

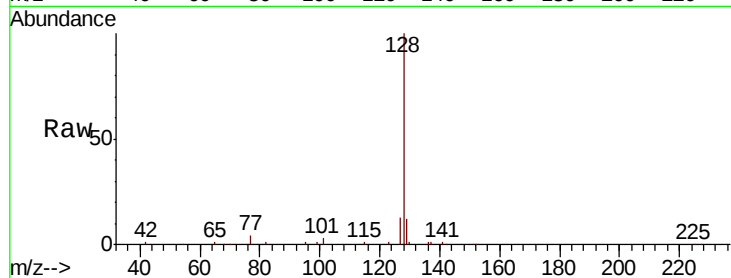
Tot Ion:128 Resp: 17235

Ion Ratio Lower Upper

128 100

129 11.5 11.1 16.7

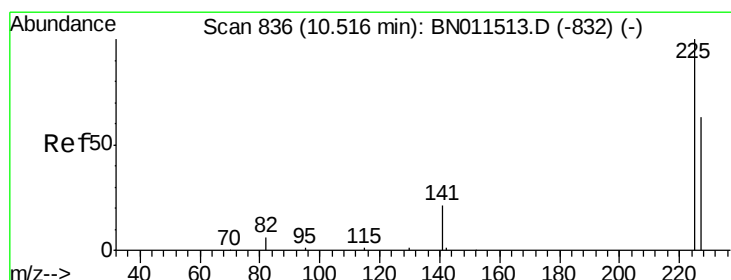
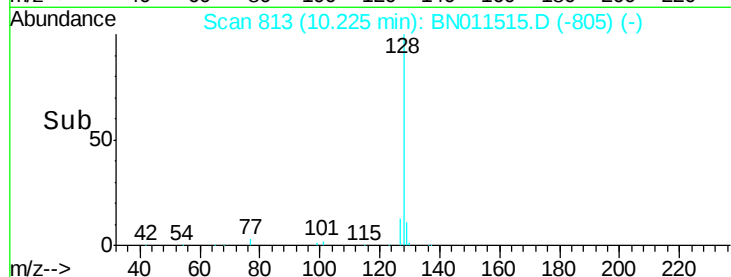
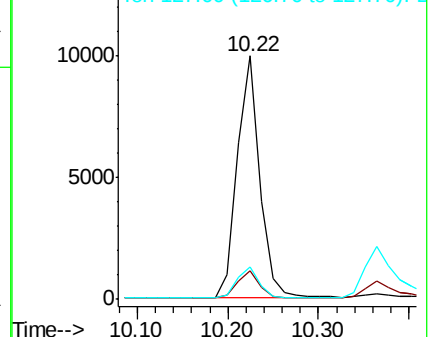
127 13.3 12.2 18.4



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: 1.717 ng

RT: 10.52 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

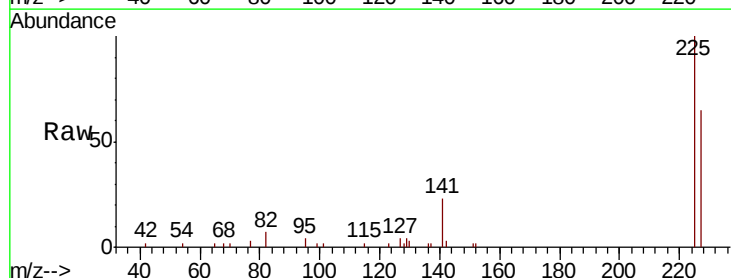
Tgt Ion:225 Resp: 4415

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

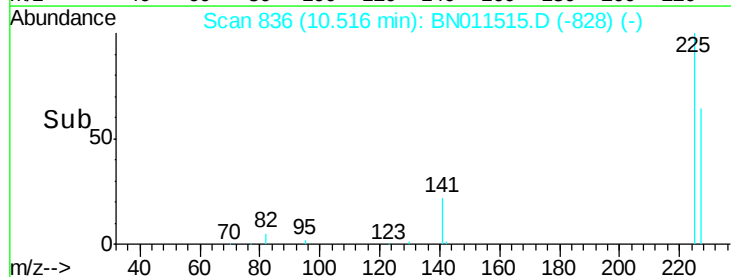
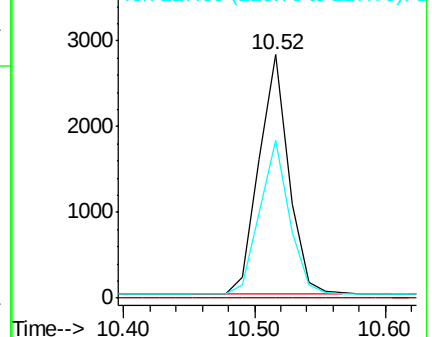
227 64.1 50.1 75.1

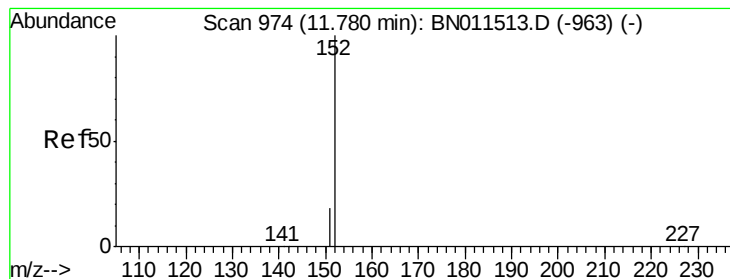


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.643 ng

RT: 11.77 min Scan# 972

Delta R.T. -0.01 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

Instrument :

BNA_N

ClientSampleId :

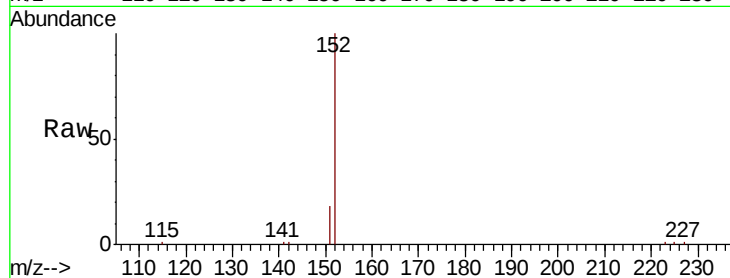
SSTDICC1.6

Tot Ion:152 Resp: 10742

Ion Ratio Lower Upper

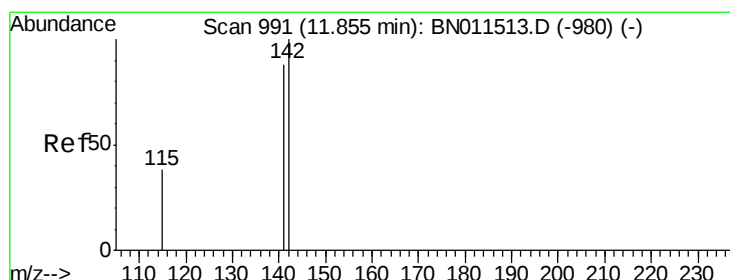
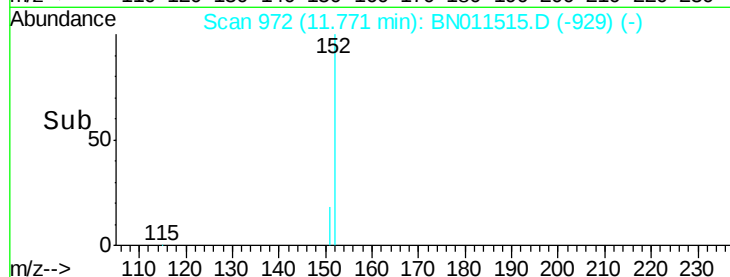
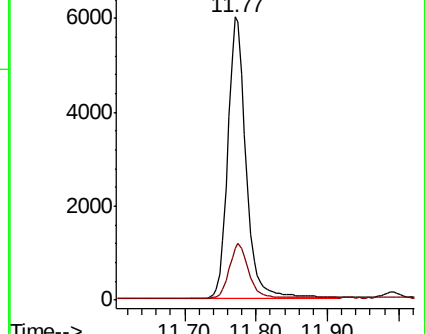
152 100

151 20.7 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 1.624 ng

RT: 11.85 min Scan# 989

Delta R.T. -0.01 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

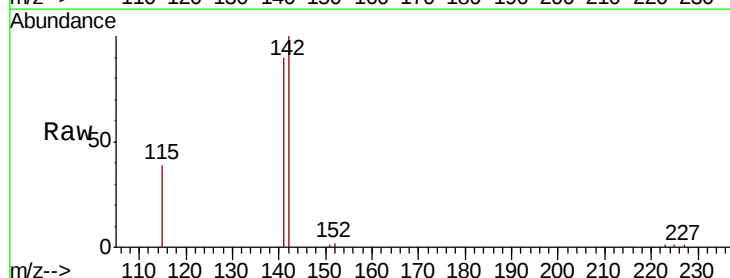
Tgt Ion:142 Resp: 12228

Ion Ratio Lower Upper

142 100

141 89.9 70.9 106.3

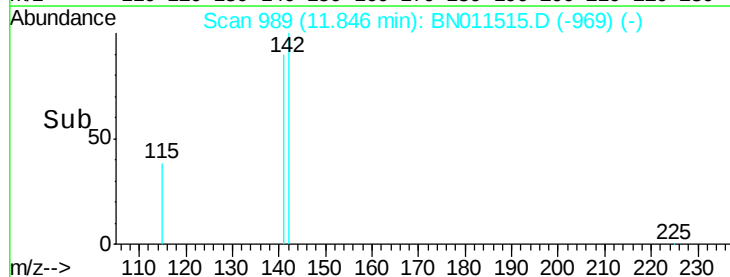
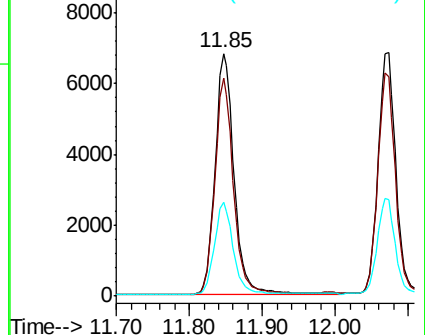
115 38.6 33.2 49.8

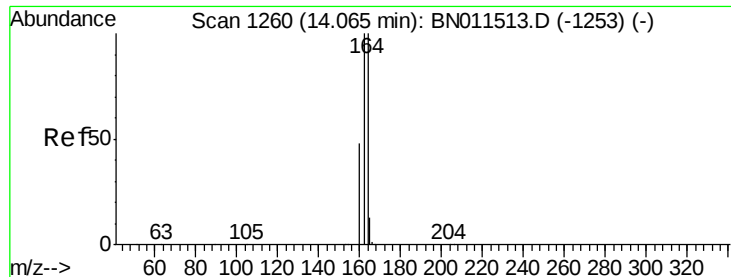


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.06 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

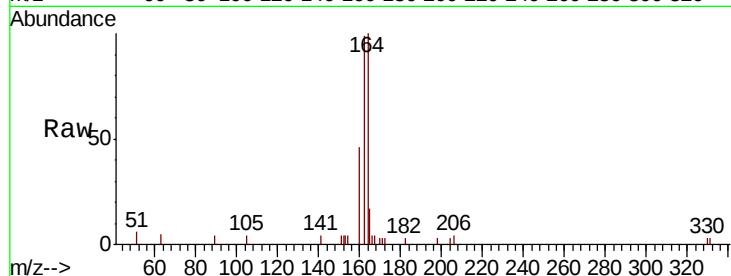
Tot Ion:164 Resp: 2221

Ion Ratio Lower Upper

164 100

162 99.4 79.8 119.8

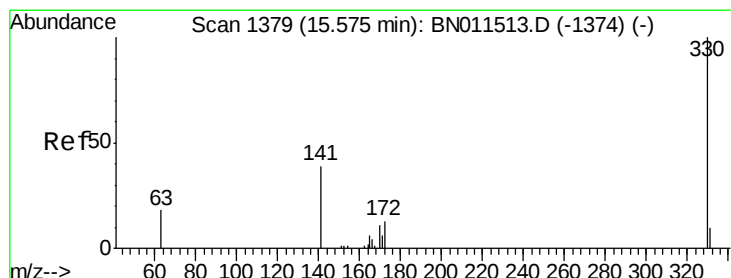
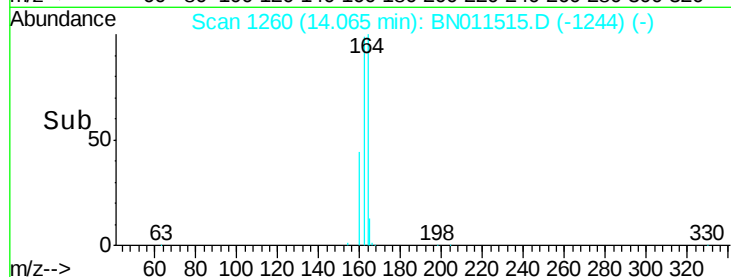
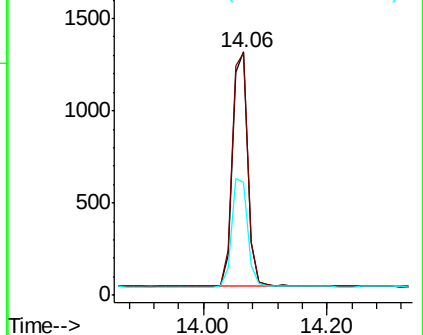
160 46.4 39.6 59.4



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: 1.608 ng

RT: 15.57 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

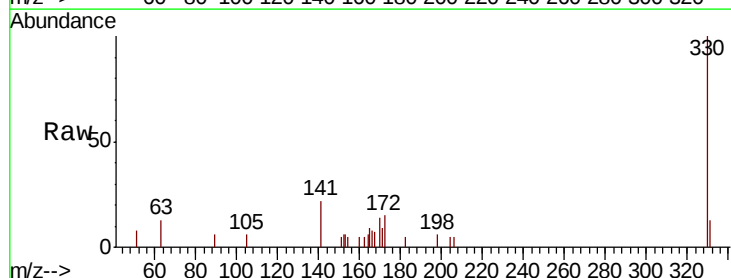
Tgt Ion:330 Resp: 1648

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

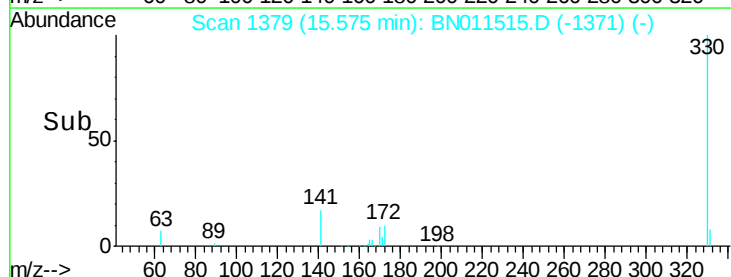
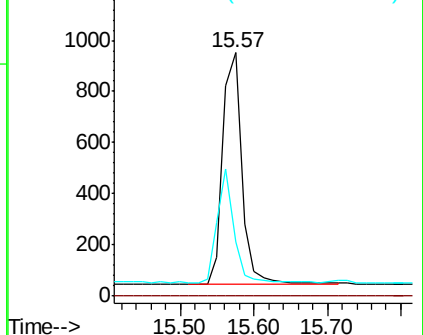
141 41.7 35.8 53.6

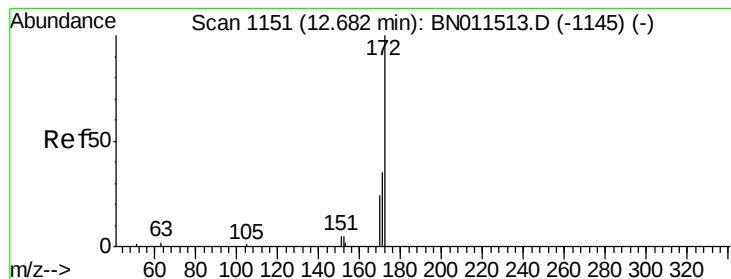


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 1.701 ng

RT: 12.67 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

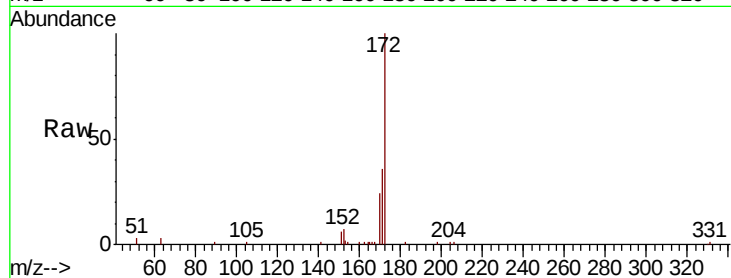
Tot Ion:172 Resp: 16316

Ion Ratio Lower Upper

172 100

171 35.5 29.5 44.3

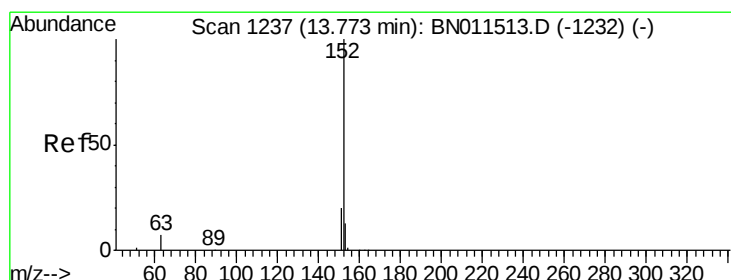
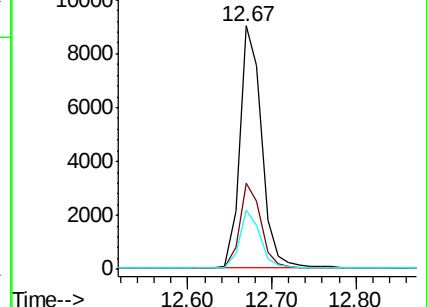
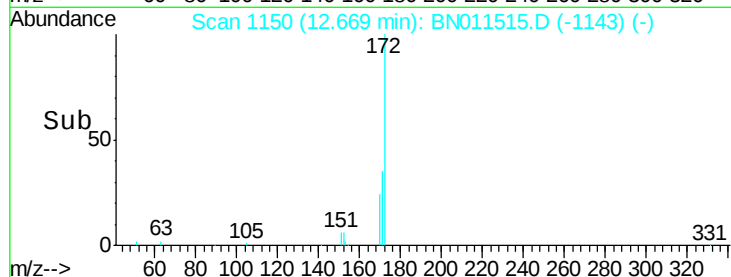
170 24.3 20.9 31.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 1.618 ng

RT: 13.77 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

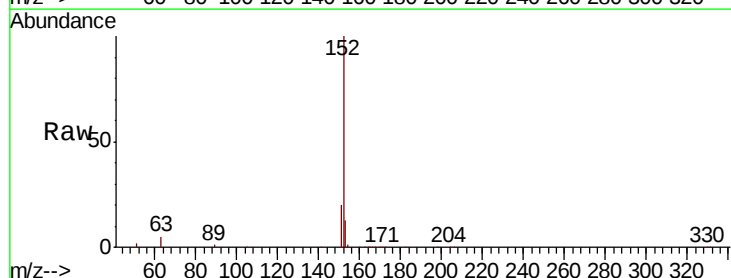
Tgt Ion:152 Resp: 18502

Ion Ratio Lower Upper

152 100

151 19.3 15.8 23.6

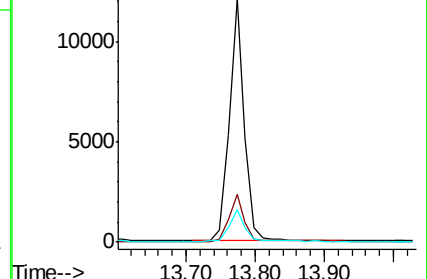
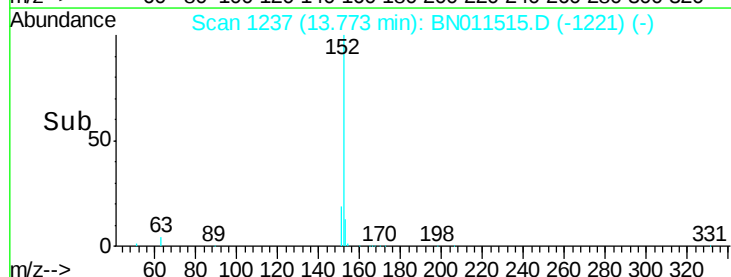
153 13.1 10.1 15.1

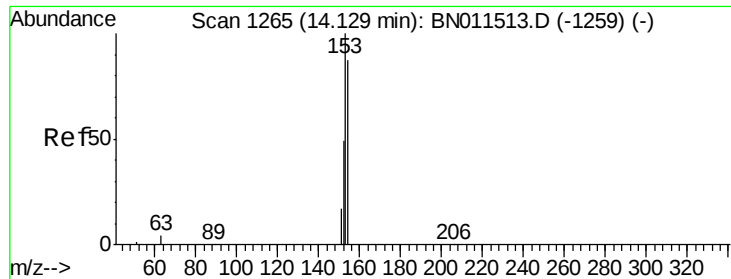


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 1.587 ng

RT: 14.12 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

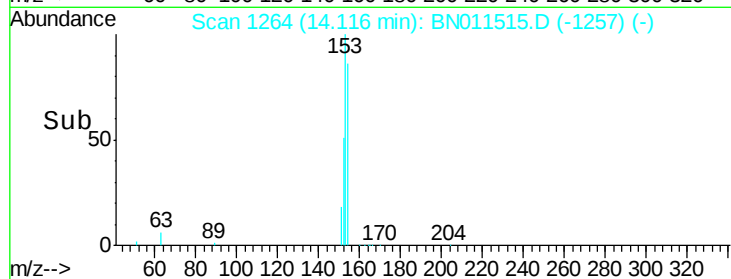
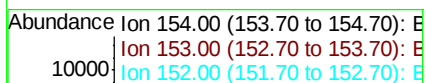
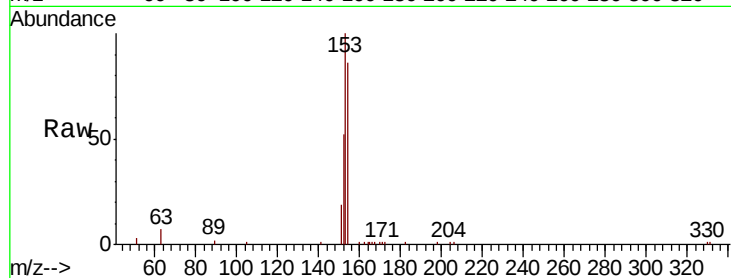
Tot Ion:154 Resp: 11838

Ion Ratio Lower Upper

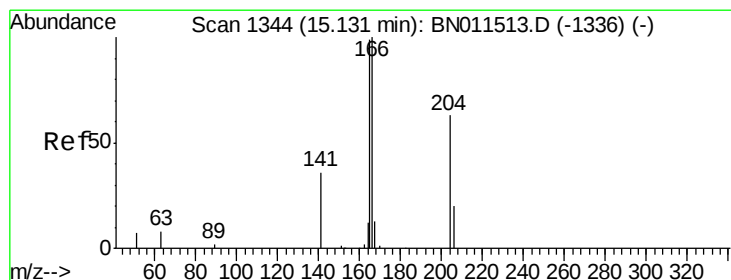
154 100

153 114.3 92.1 138.1

152 57.7 46.4 69.6



Time-->



#18

Fluorene

Concen: 1.634 ng

RT: 15.12 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

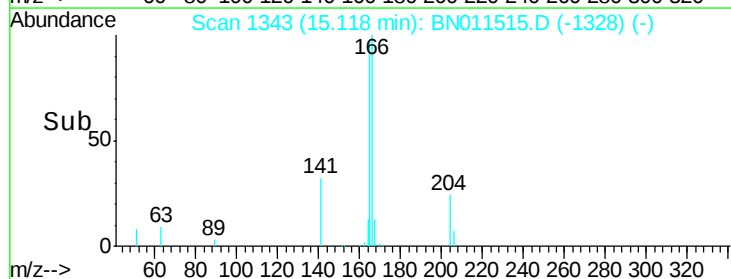
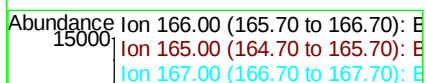
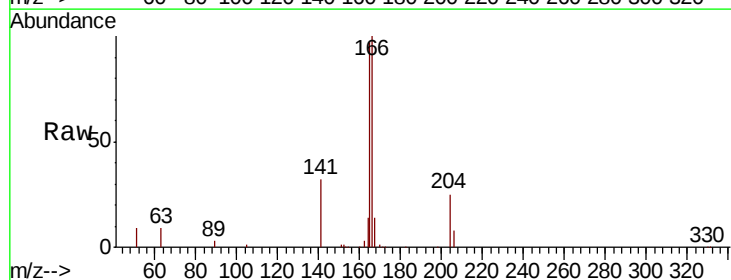
Tgt Ion:166 Resp: 15637

Ion Ratio Lower Upper

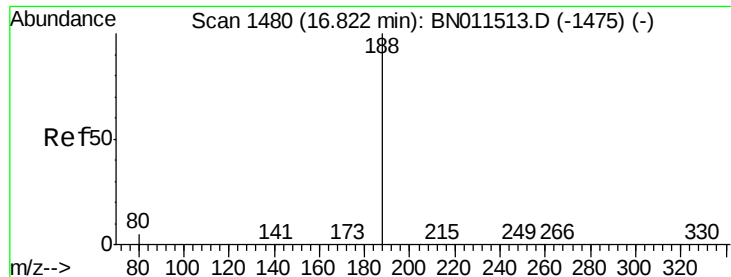
166 100

165 97.1 80.4 120.6

167 13.5 10.7 16.1



Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.82 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

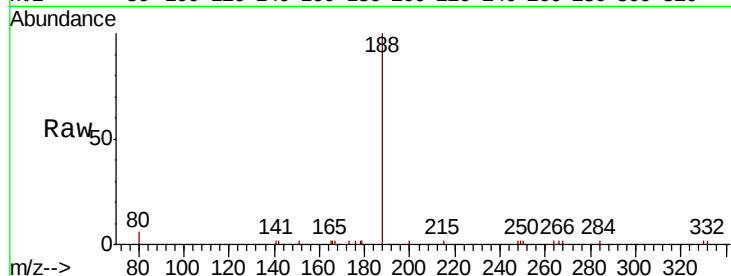
Tot Ion:188 Resp: 4753

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

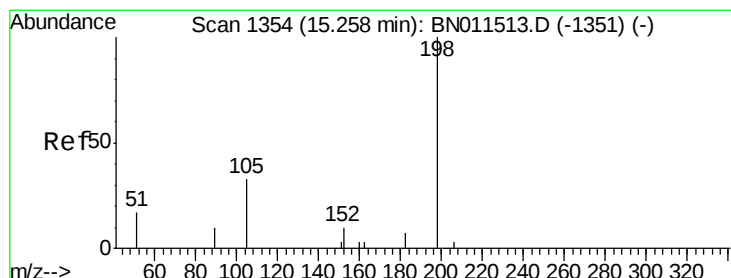
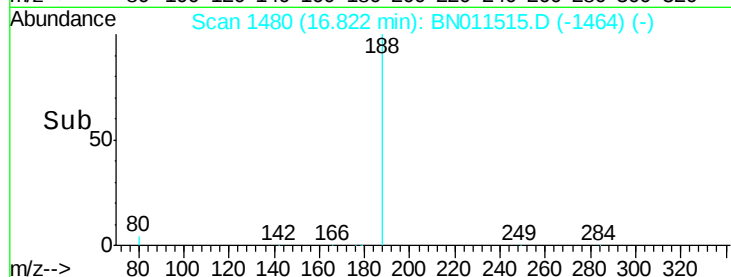
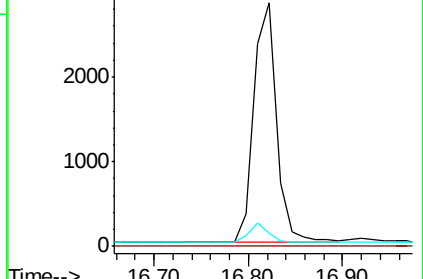
80 5.6 5.4 8.2



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: 1.621 ng

RT: 15.23 min Scan# 1352

Delta R.T. -0.03 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

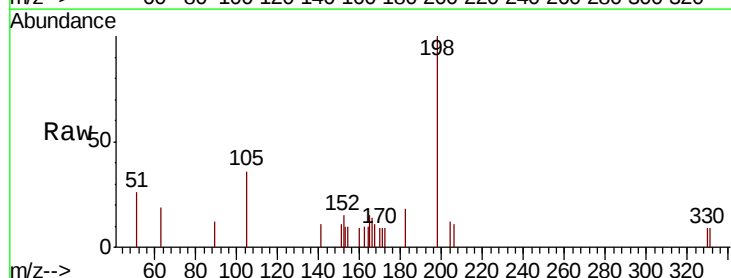
Tgt Ion:198 Resp: 1066

Ion Ratio Lower Upper

198 100

51 25.7 75.8 113.6#

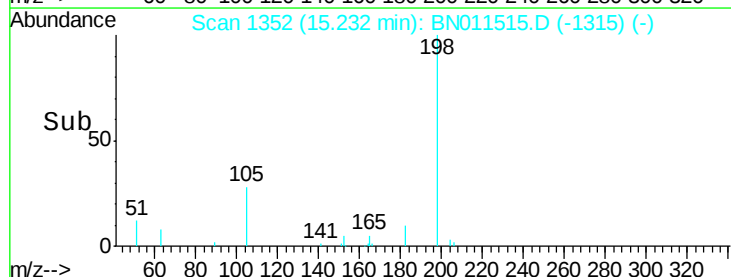
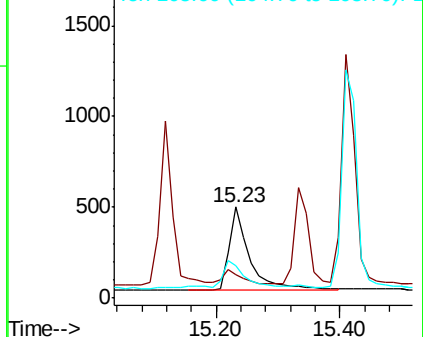
105 36.3 65.3 97.9#

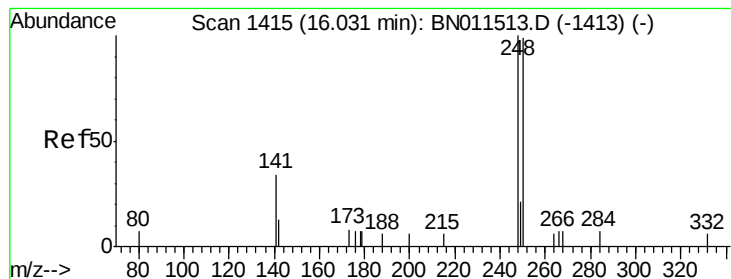


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 1.670 ng

RT: 16.02 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

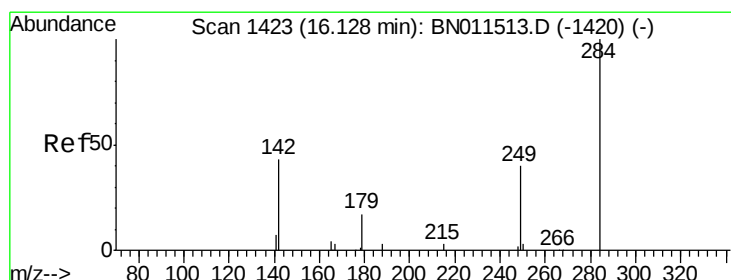
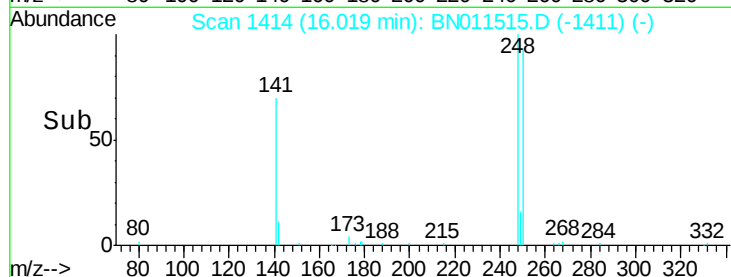
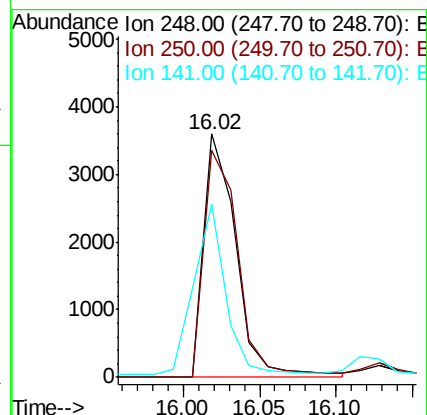
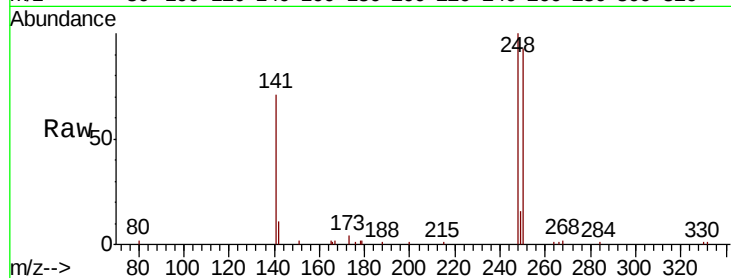
Tot Ion:248 Resp: 5264

Ion Ratio Lower Upper

248 100

250 93.3 79.4 119.0

141 71.0 40.8 61.2#



#22

Hexachlorobenzene

Concen: 1.604 ng

RT: 16.13 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

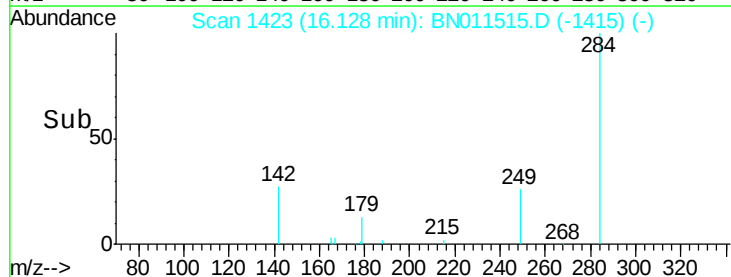
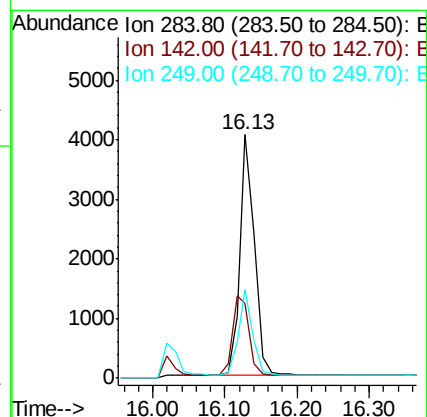
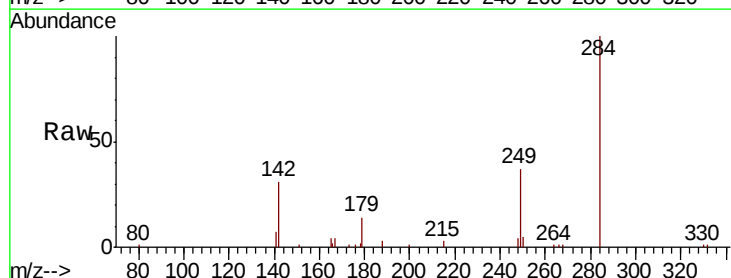
Tgt Ion:284 Resp: 5730

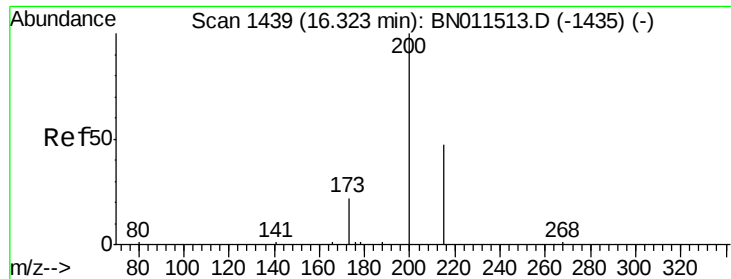
Ion Ratio Lower Upper

284 100

142 38.1 31.7 47.5

249 33.7 27.4 41.2

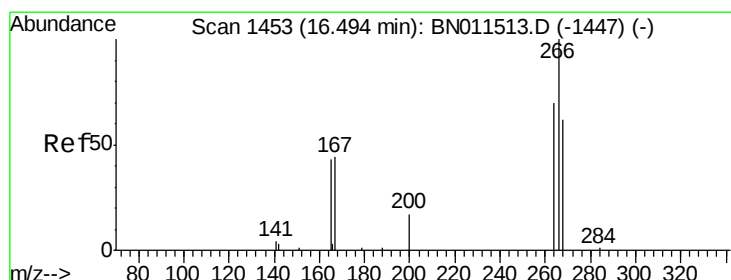
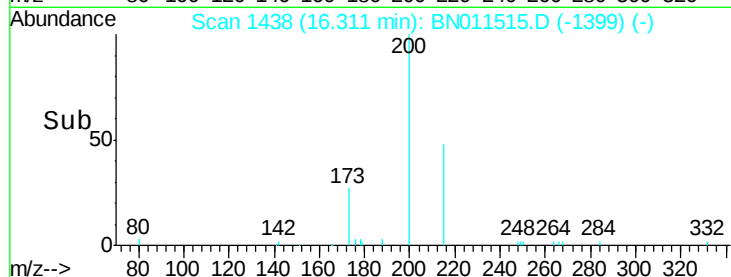
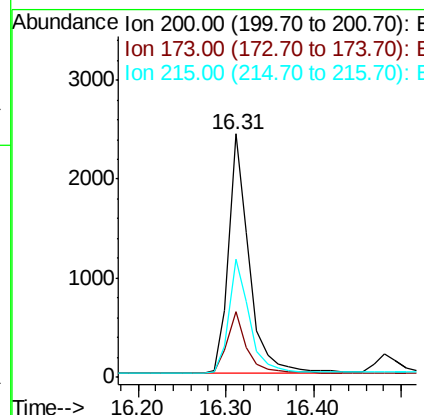
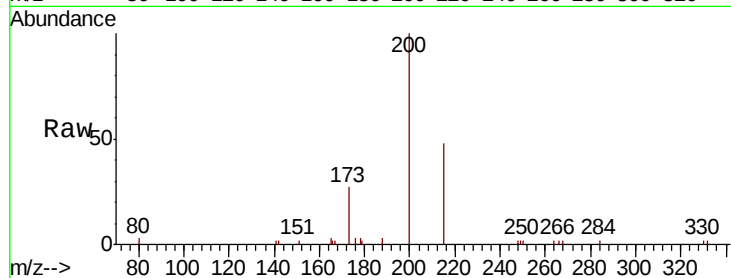




#23
Atrazine
Concen: 1.591 ng
RT: 16.31 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BN011515.D
Acq: 19 Aug 2020 13:59

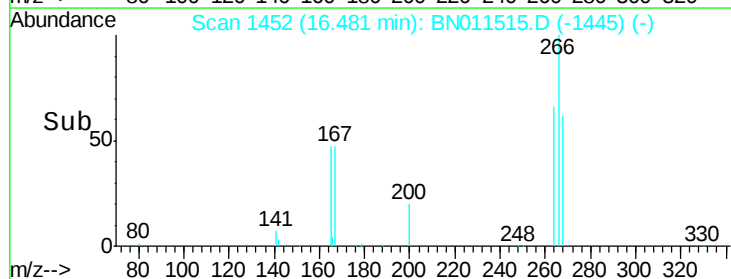
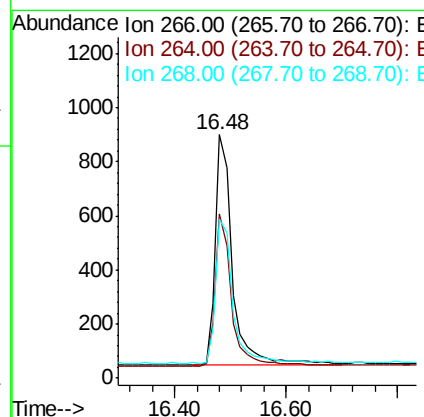
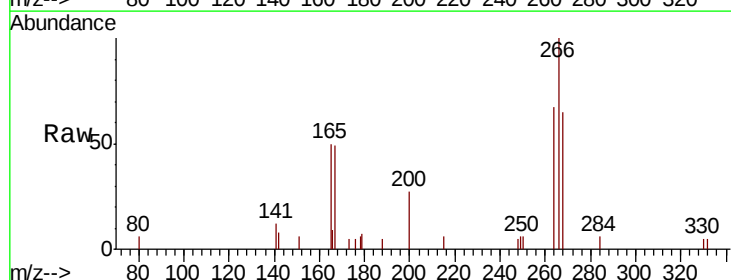
Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

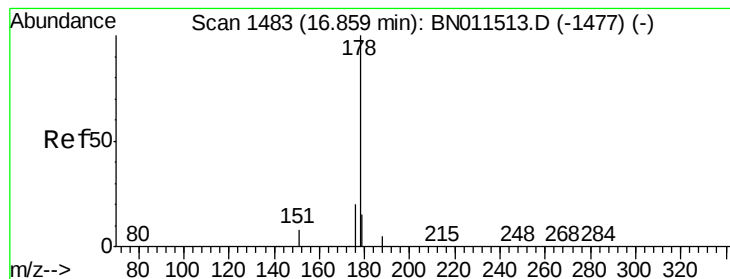
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	24.0	36.0
215	48.4	42.2	63.4



#24
Pentachlorophenol
Concen: 1.632 ng
RT: 16.48 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BN011515.D
Acq: 19 Aug 2020 13:59

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.9	53.7	80.5
268	63.5	53.0	79.4





#25

Phenanthrene

Concen: 1.640 ng

RT: 16.86 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

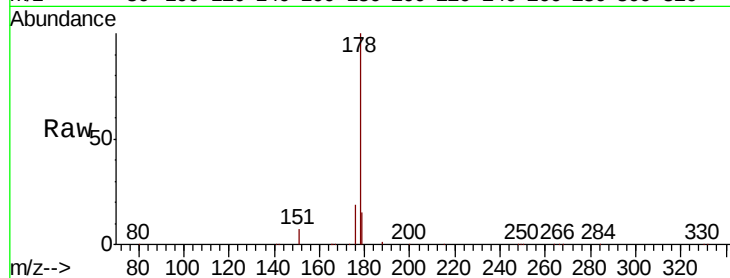
Tot Ion:178 Resp: 25374

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

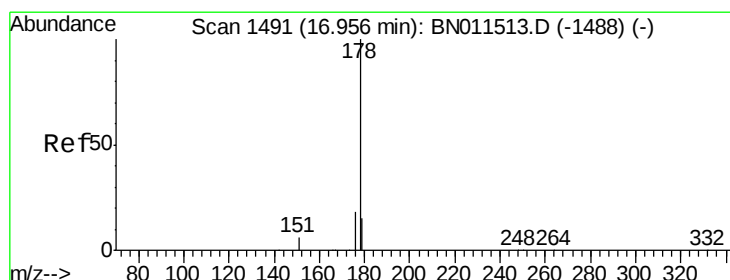
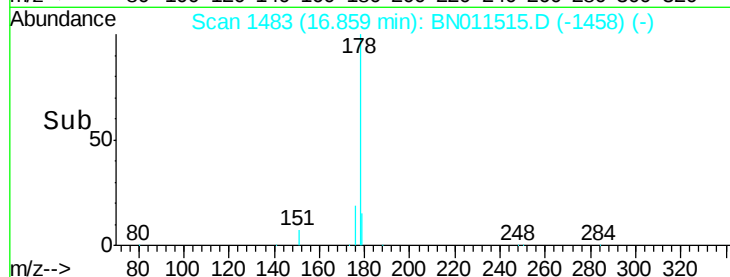
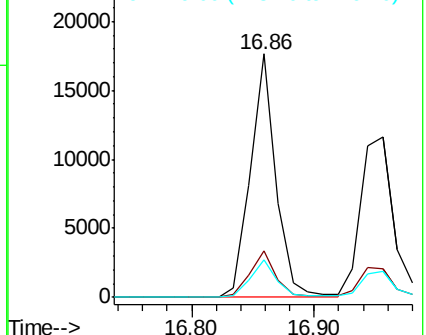
179 15.2 12.3 18.5



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: 1.695 ng

RT: 16.96 min Scan# 1491

Delta R.T. -0.00 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

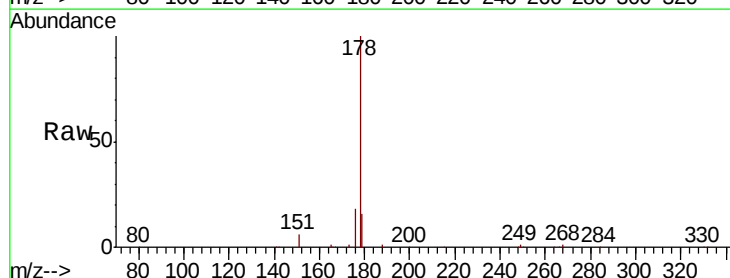
Tgt Ion:178 Resp: 21788

Ion Ratio Lower Upper

178 100

176 18.3 14.4 21.6

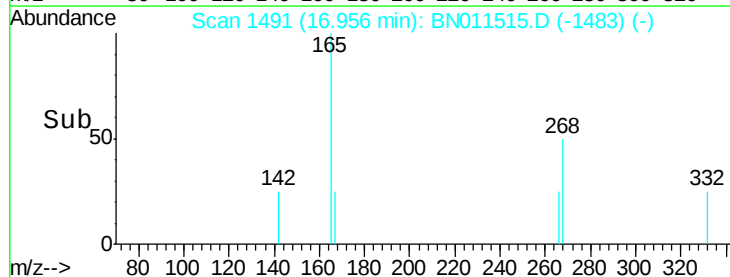
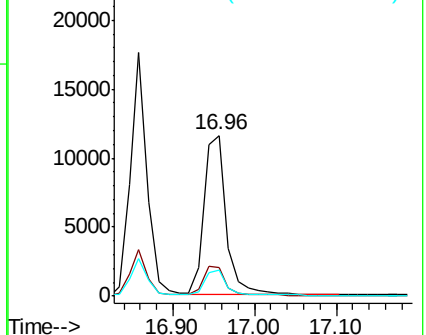
179 15.4 12.2 18.2

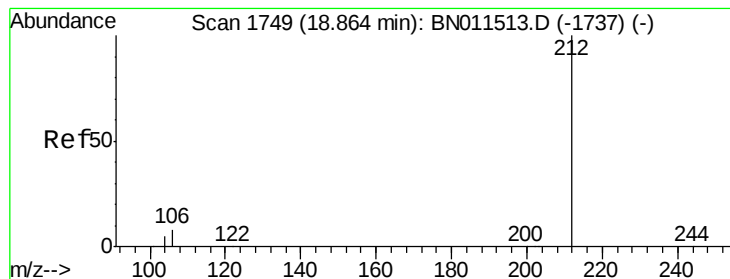


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 1.701 ng

RT: 18.86 min Scan# 1749

Delta R.T. -0.00 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

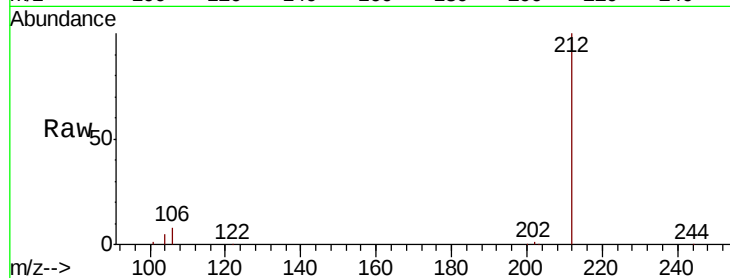
Tot Ion:212 Resp: 24680

Ion Ratio Lower Upper

212 100

106 8.1 6.0 9.0

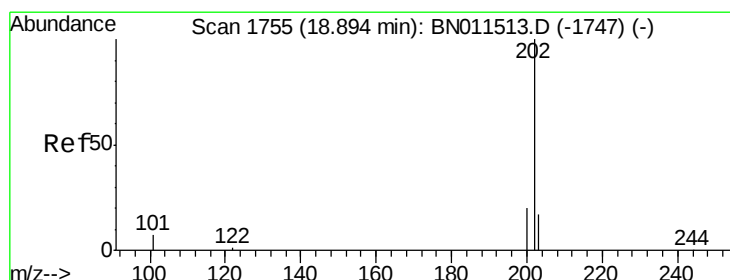
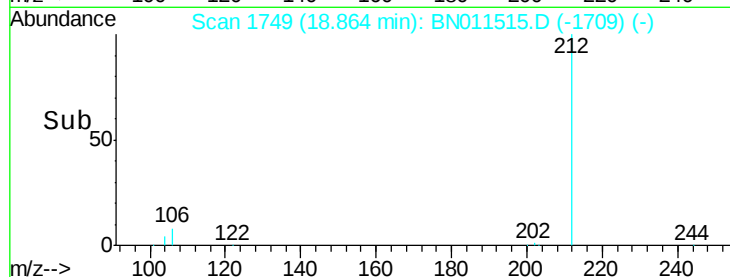
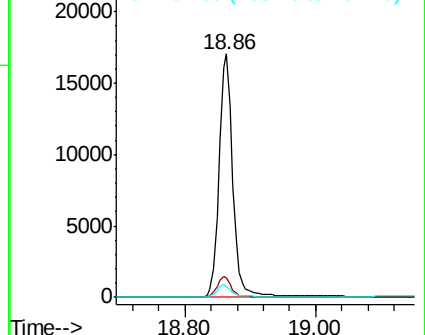
104 4.7 3.7 5.5



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: 1.722 ng

RT: 18.89 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

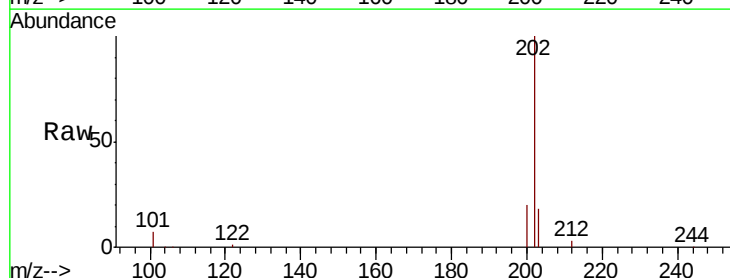
Tgt Ion:202 Resp: 30291

Ion Ratio Lower Upper

202 100

101 7.1 5.1 7.7

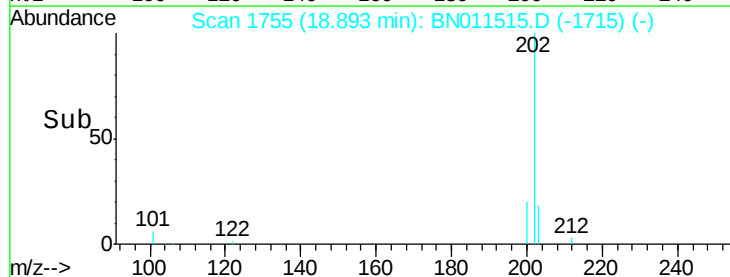
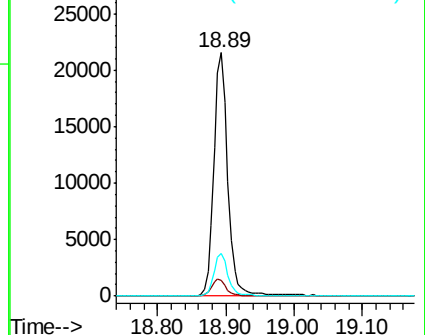
203 17.3 13.8 20.6

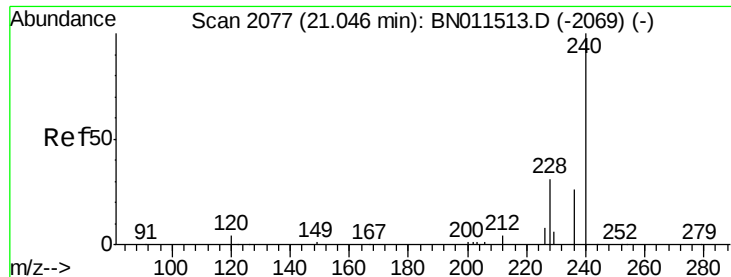


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

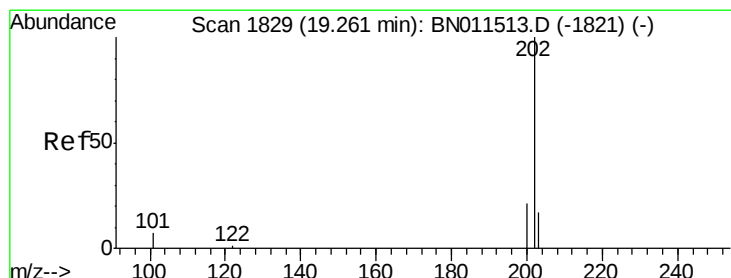
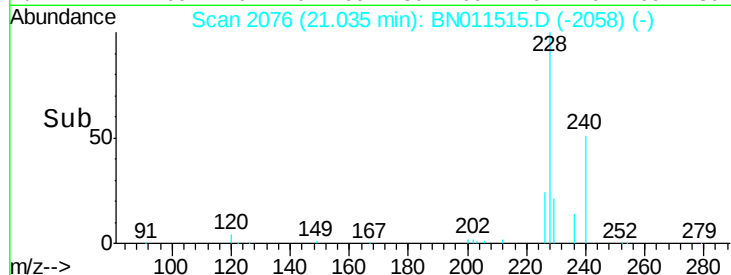
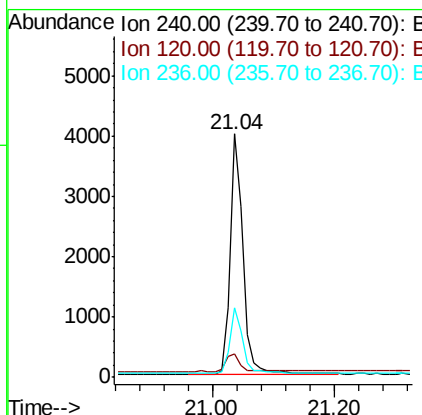
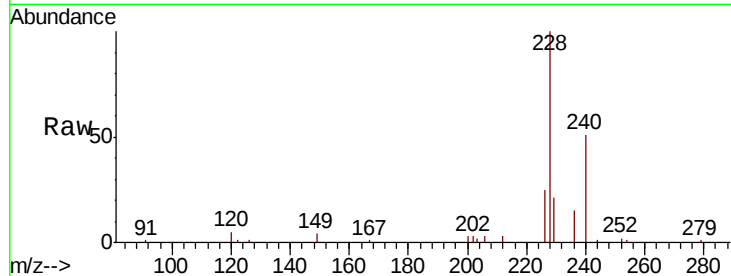




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.04 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BN011515.D
Acq: 19 Aug 2020 13:59

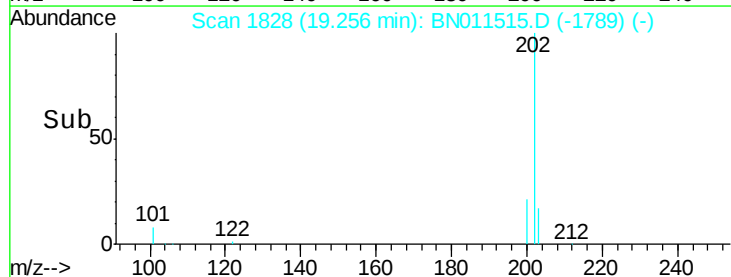
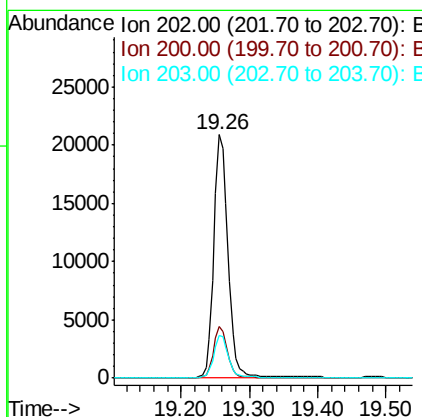
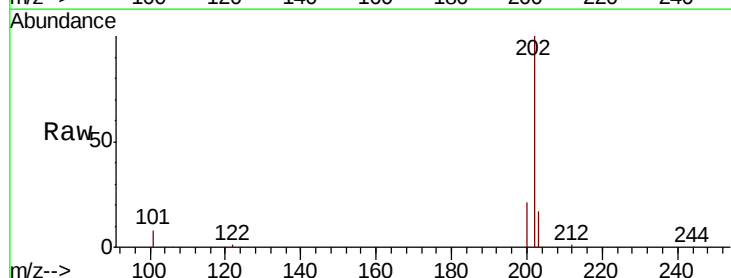
Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

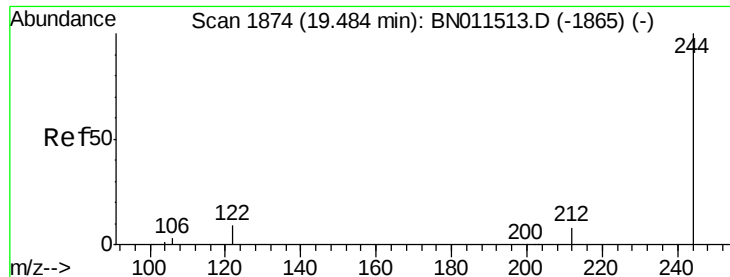
Tot Ion:240 Resp: 5891
Ion Ratio Lower Upper
240 100
120 9.5 6.0 9.0#
236 28.6 22.6 33.8



#30
Pyrene
Concen: 1.133 ng
RT: 19.26 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BN011515.D
Acq: 19 Aug 2020 13:59

Tgt Ion:202 Resp: 30095
Ion Ratio Lower Upper
202 100
200 20.4 16.6 25.0
203 17.5 13.9 20.9





#31

Terphenyl-d14

Concen: 1.191 ng

RT: 19.48 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

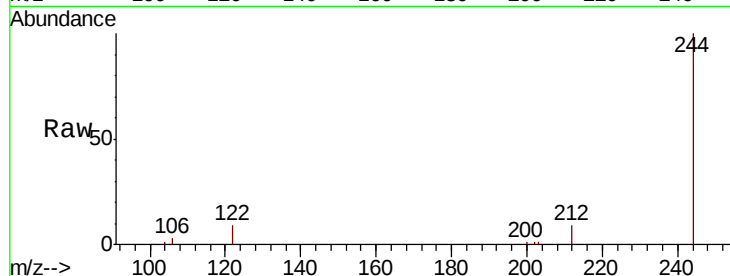
Tot Ion:244 Resp: 21236

Ion Ratio Lower Upper

244 100

212 8.8 8.2 12.4

122 9.1 8.4 12.6



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

19.48

20000

15000

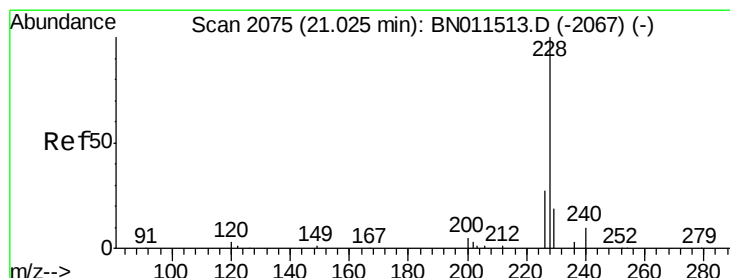
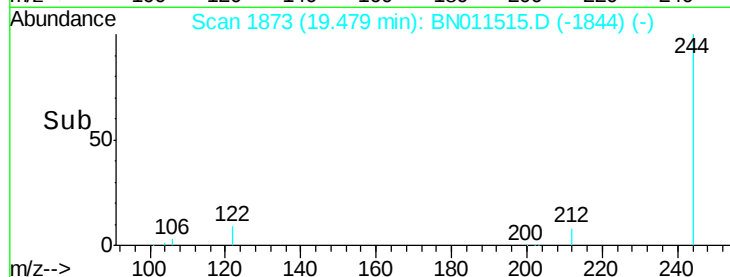
10000

5000

0

Time-->

19.40 19.50 19.60



#32

Benzo(a)anthracene

Concen: 1.436 ng

RT: 21.02 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

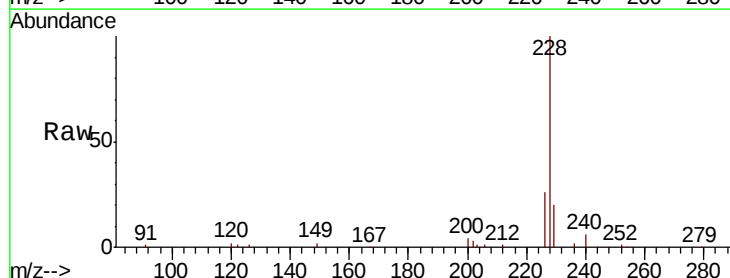
Tgt Ion:228 Resp: 28358

Ion Ratio Lower Upper

228 100

226 26.3 22.6 33.8

229 20.1 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

21.02

30000

25000

20000

15000

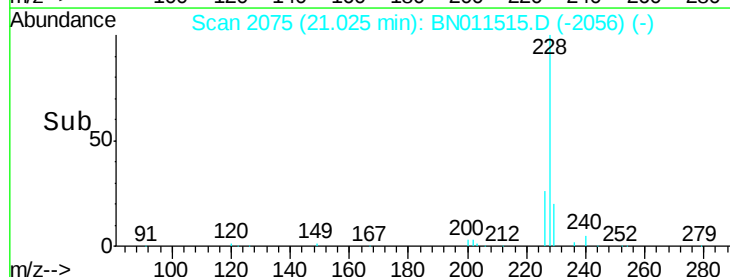
10000

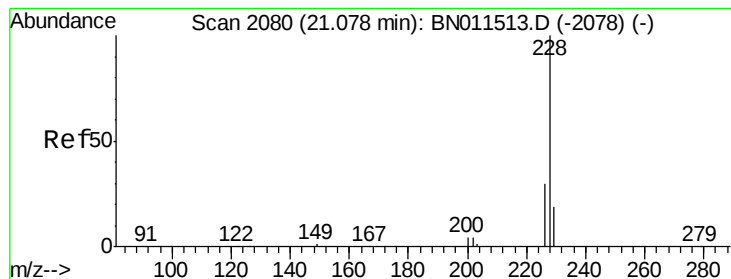
5000

0

Time-->

20.95 21.00 21.05





#33

Chrysene

Concen: 1.450 ng

RT: 21.08 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

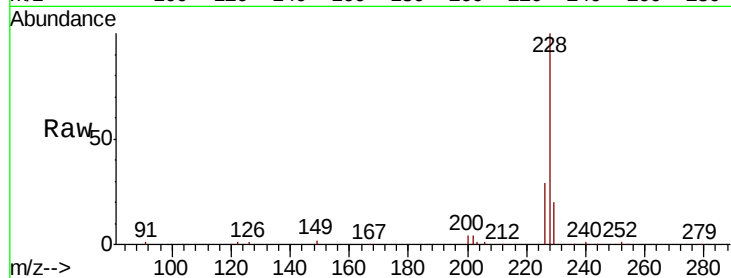
Tot Ion:228 Resp: 32117

Ion Ratio Lower Upper

228 100

226 28.9 24.6 37.0

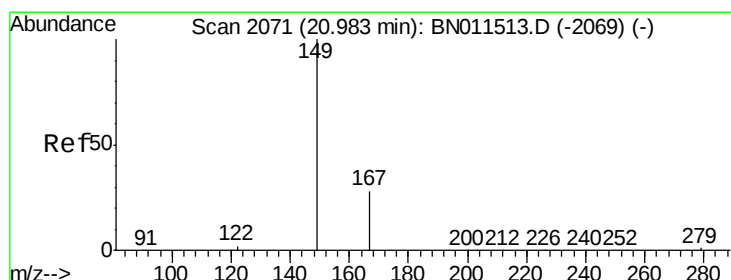
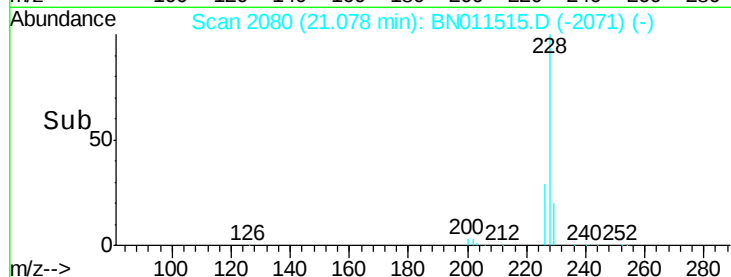
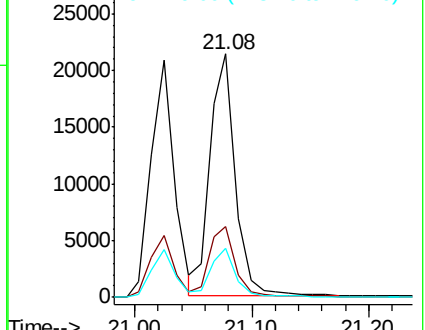
229 19.9 15.9 23.9



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



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.891 ng

RT: 20.98 min Scan# 2071

Delta R.T. -0.00 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

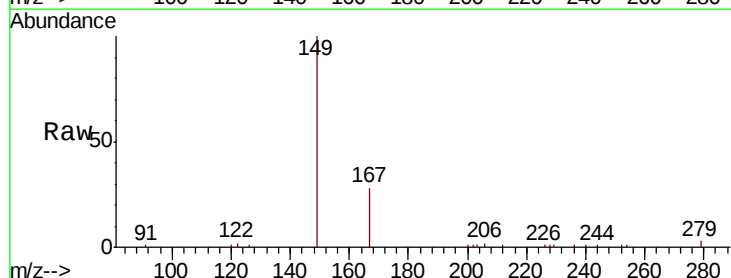
Tgt Ion:149 Resp: 9436

Ion Ratio Lower Upper

149 100

167 28.0 23.0 34.4

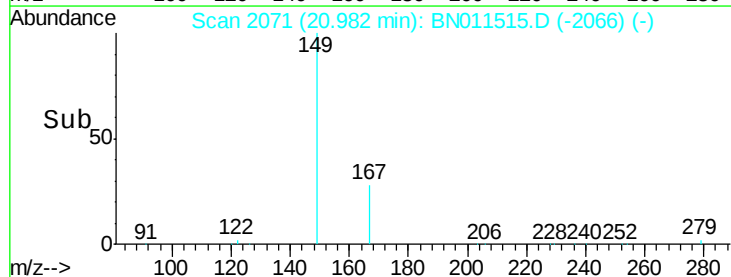
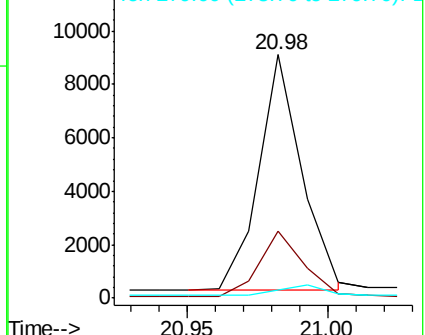
279 4.8 4.1 6.1

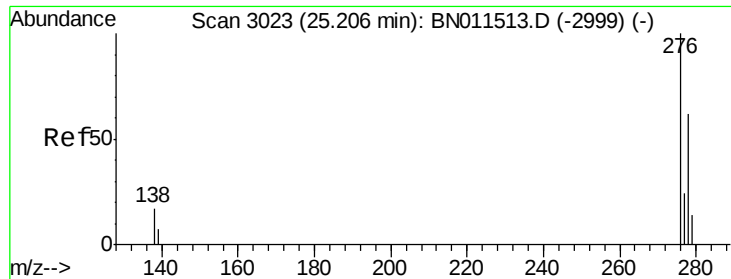


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

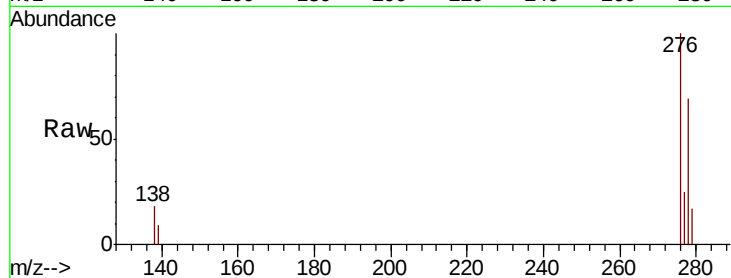




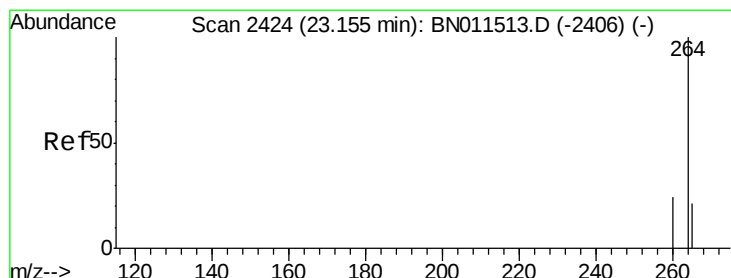
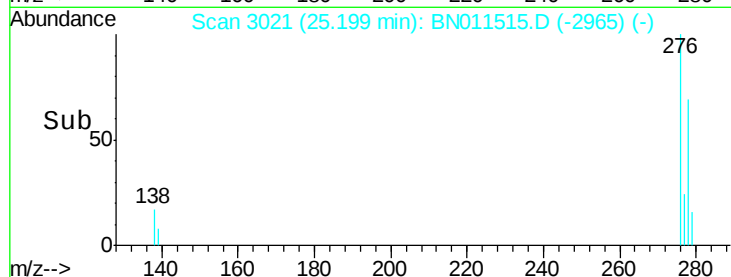
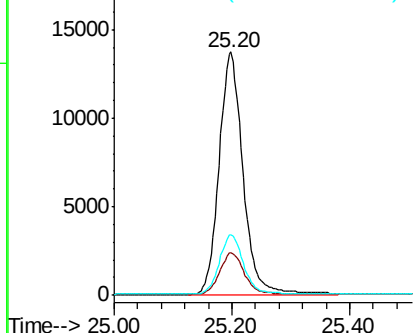
#35
Indeno(1,2,3-cd)pyrene
Concen: 1.778 ng
RT: 25.20 min Scan# 3021
Delta R.T. -0.01 min
Lab File: BN011515.D
Acq: 19 Aug 2020 13:59

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tot Ion:276 Resp: 38470
Ion Ratio Lower Upper
276 100
138 17.4 13.6 20.4
277 24.9 19.8 29.8

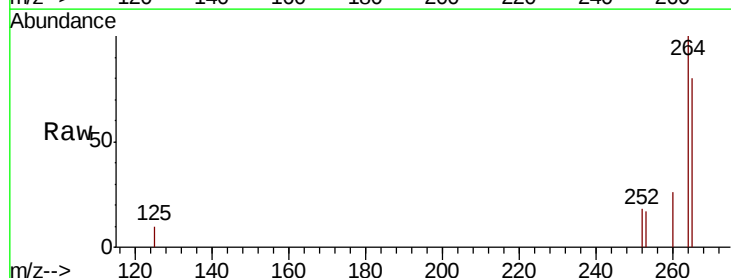


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

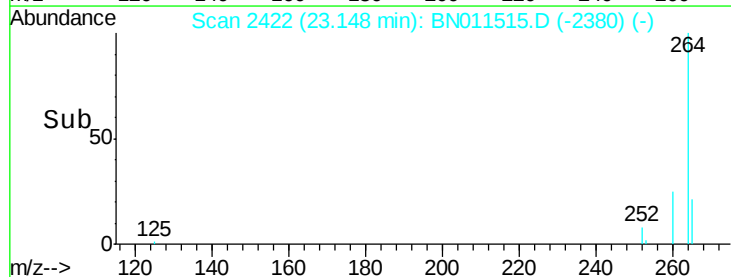
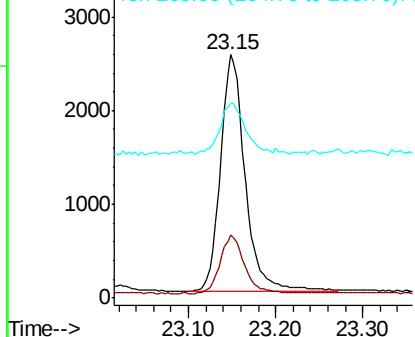


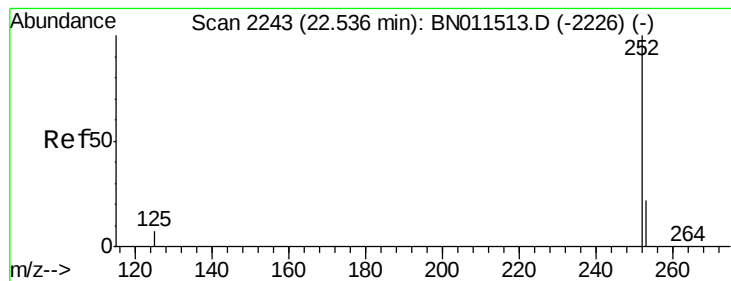
#36
Perylene-d12
Concen: 0.400 ng
RT: 23.15 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BN011515.D
Acq: 19 Aug 2020 13:59

Tgt Ion:264 Resp: 4925
Ion Ratio Lower Upper
264 100
260 25.8 20.0 30.0
265 80.2 62.6 94.0



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: 1.654 ng

RT: 22.53 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

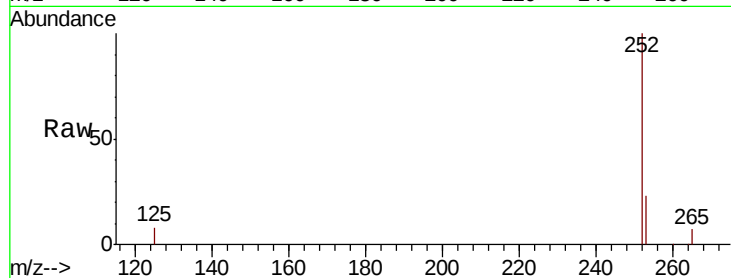
Tot Ion:252 Resp: 32474

Ion Ratio Lower Upper

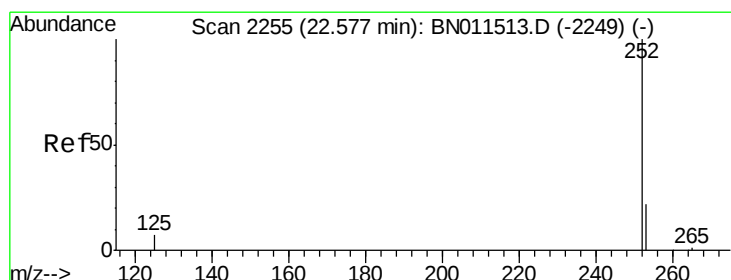
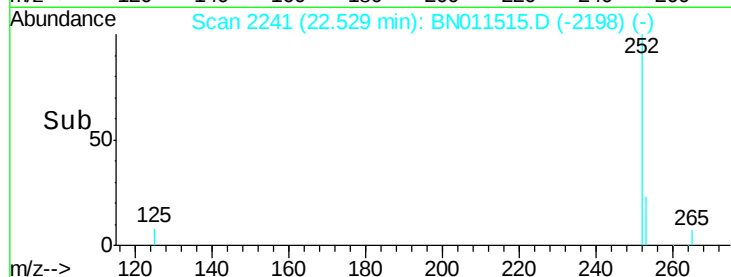
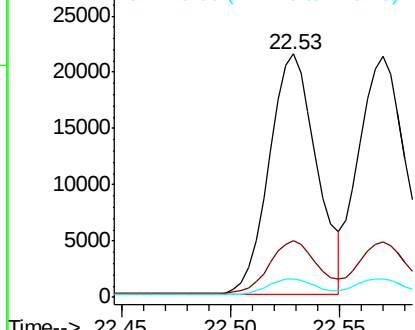
252 100

253 23.1 23.0 34.6

125 7.7 9.0 13.4#



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: 1.554 ng

RT: 22.57 min Scan# 2253

Delta R.T. -0.01 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

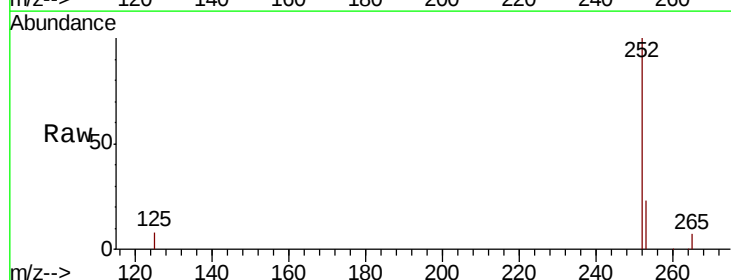
Tgt Ion:252 Resp: 33604

Ion Ratio Lower Upper

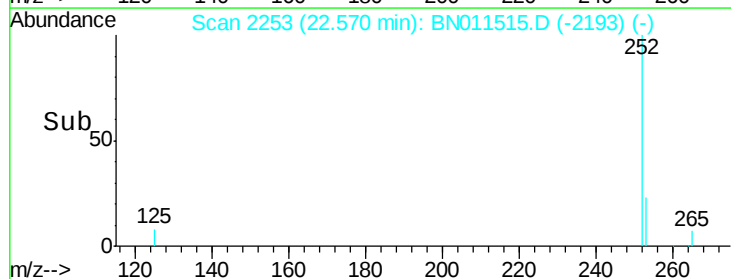
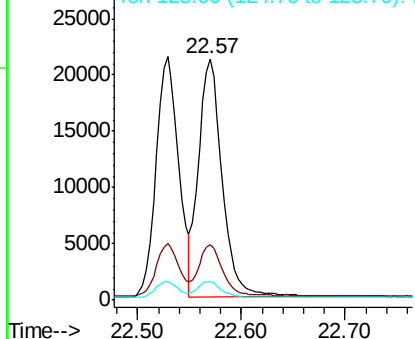
252 100

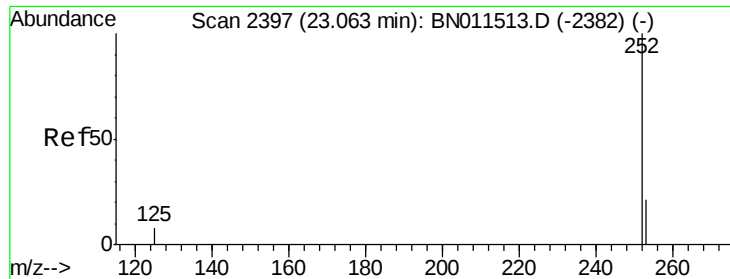
253 23.1 23.4 35.0#

125 7.7 9.7 14.5#



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: 1.660 ng

RT: 23.06 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

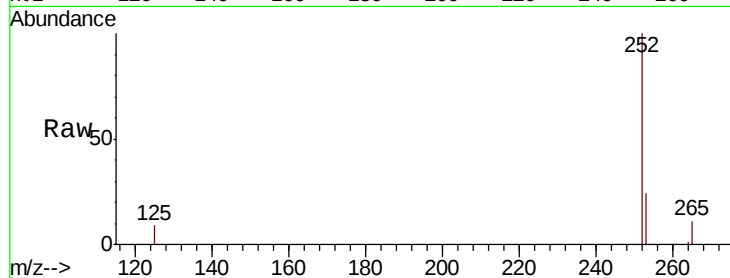
Tot Ion:252 Resp: 28296

Ion Ratio Lower Upper

252 100

253 23.8 25.4 38.0#

125 8.9 11.6 17.4#

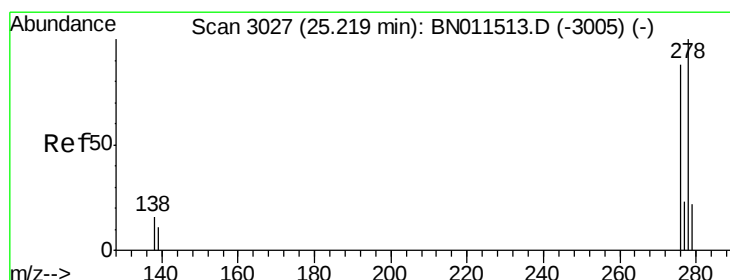
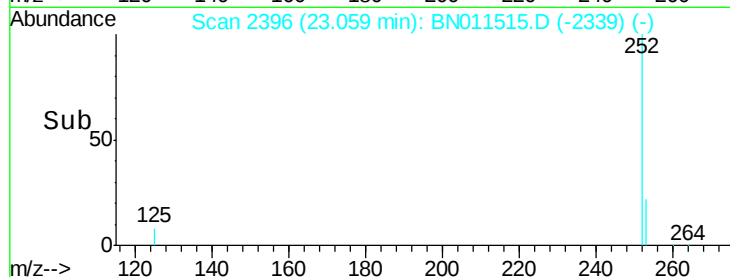
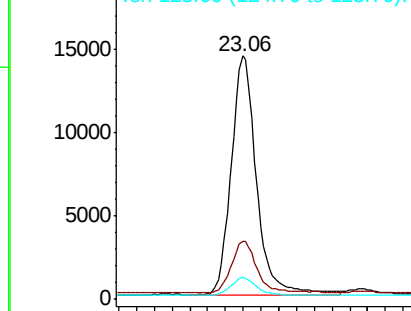


Abundance

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: 1.790 ng

RT: 25.21 min Scan# 3025

Delta R.T. -0.01 min

Lab File: BN011515.D

Acq: 19 Aug 2020 13:59

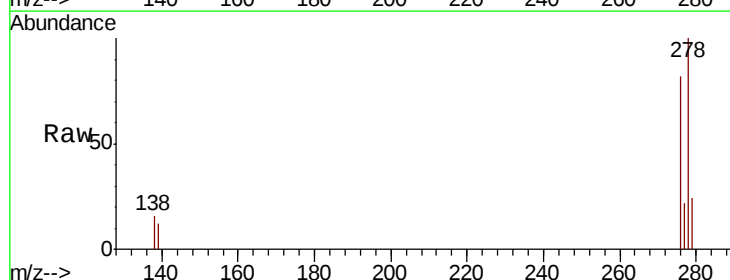
Tgt Ion:278 Resp: 31558

Ion Ratio Lower Upper

278 100

139 11.6 11.1 16.7

279 24.5 23.3 34.9

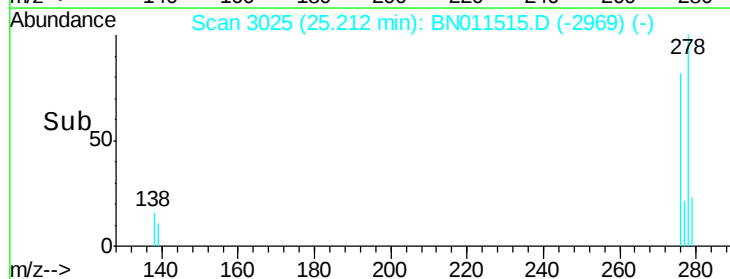
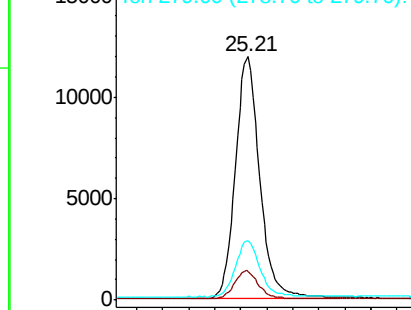


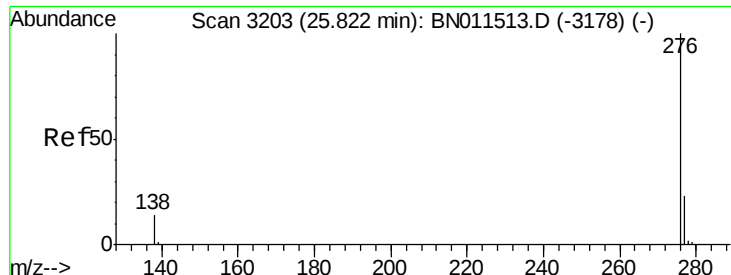
Abundance

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: 1.642 ng

RT: 25.81 min Scan# 3201

Delta R.T. -0.01 min

Lab File: BN011515.D

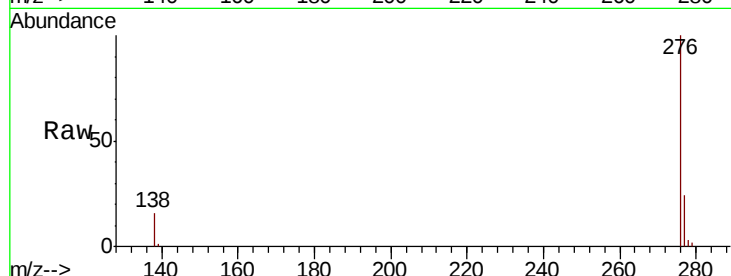
Acq: 19 Aug 2020 13:59

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6



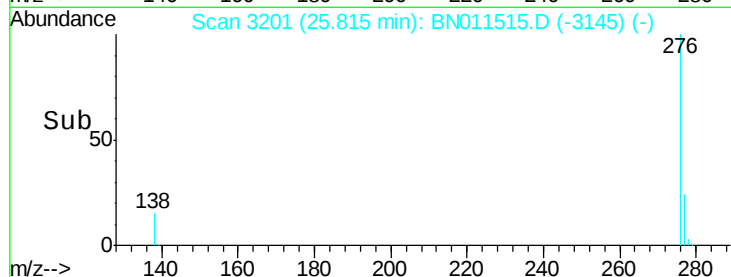
Tot Ion: 276 Resp: 32106

Ion Ratio Lower Upper

276 100

277 24.1 20.5 30.7

138 15.6 13.2 19.8



Abundance Ion 276.00 (275.70 to 276.70): E

15000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

