

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072820\
 Data File : BN011278.D
 Acq On : 28 Jul 2020 13:22
 Operator : CG/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

Quant Time: Jul 28 13:53:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN072820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 28 12:05:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1914	0.40	ng	0.00
7) Naphthalene-d8	10.22	136	5816	0.40	ng	0.00
13) Acenaphthene-d10	14.10	164	3611	0.40	ng	0.00
19) Phenanthrene-d10	16.86	188	7679	0.40	ng	0.00
29) Chrysene-d12	21.09	240	6743	0.40	ng	0.00
36) Perylene-d12	23.22	264	5127	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.14	112	14416	3.05	ng	0.00
5) Phenol-d6	6.68	99	19124	3.58	ng	0.00
8) Nitrobenzene-d5	8.62	82	18973	3.68	ng	-0.01
11) 2-Methylnaphthalene-d10	11.82	152	32782	3.47	ng	0.00
14) 2,4,6-Tribromophenol	15.61	330	5725	3.57	ng	0.00
15) 2-Fluorobiphenyl	12.72	172	49086	2.90	ng	0.00
27) Fluoranthene-d10	18.90	212	75196	3.11	ng	0.00
31) Terphenyl-d14	19.52	244	62353	3.55	ng	0.00

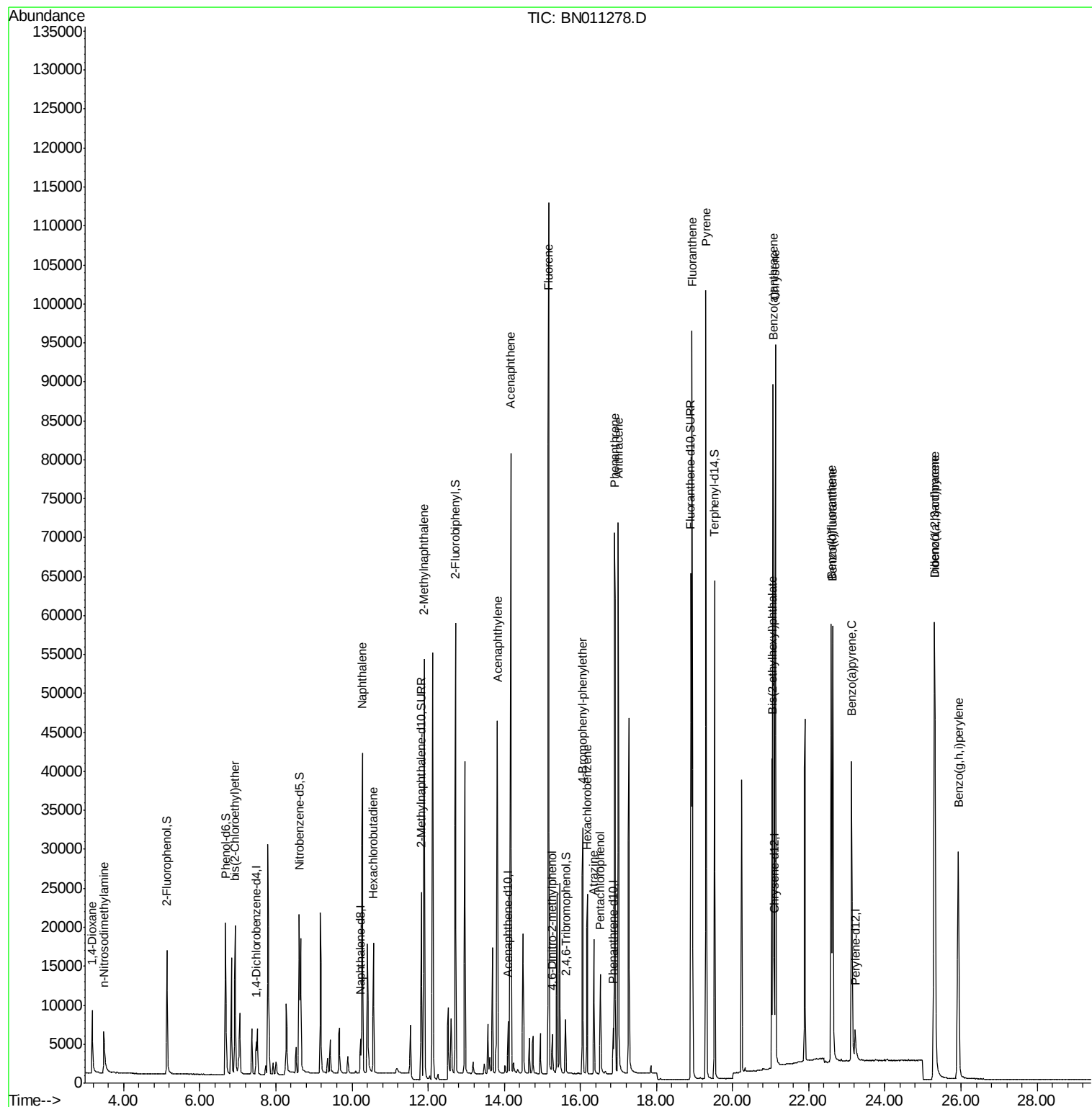
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.18	88	7428	2.714	ng	98
3) n-Nitrosodimethylamine	3.48	42	4562	3.313	ng	# 92
6) bis(2-Chloroethyl)ether	6.93	93	16035	3.281	ng	97
9) Naphthalene	10.28	128	52856	3.055	ng	97
10) Hexachlorobutadiene	10.57	225	12630	2.945	ng	# 99
12) 2-Methylnaphthalene	11.90	142	38088	3.500	ng	98
16) Acenaphthylene	13.82	152	59404	3.232	ng	99
17) Acenaphthene	14.17	154	37401	3.052	ng	100
18) Fluorene	15.17	166	49679	3.160	ng	99
20) 4,6-Dinitro-2-methylphenol	15.26	198	4641	4.603	ng	# 53
21) 4-Bromophenyl-phenylether	16.07	248	16799	3.219	ng	# 82
22) Hexachlorobenzene	16.18	284	17595	2.897	ng	98
23) Atrazine	16.35	200	13702	3.744	ng	95
24) Pentachlorophenol	16.52	266	6613	3.669	ng	95
25) Phenanthrene	16.90	178	79284	3.213	ng	100
26) Anthracene	16.99	178	72131	3.520	ng	99
28) Fluoranthene	18.94	202	92748	3.134	ng	99
30) Pvrene	19.30	202	90910	3.531	ng	100
32) Benzo(a)anthracene	21.07	228	73808	3.379	ng	99
33) Chrysene	21.12	228	73469	2.751	ng	99
34) Bis(2-ethylhexyl)phthalate	21.04	149	36788	4.088	ng	99
35) Indeno(1,2,3-cd)pyrene	25.30	276	70458	2.523	ng	97
37) Benzo(b)fluoranthene	22.59	252	65238	3.168	ng	# 89
38) Benzo(k)fluoranthene	22.63	252	68574	2.947	ng	# 87
39) Benzo(a)pyrene	23.13	252	55847	3.011	ng	# 82
40) Dibenzo(a,h)anthracene	25.31	278	57762	2.940	ng	# 88
41) Benzo(g,h,i)perylene	25.93	276	59594	2.763	ng	96

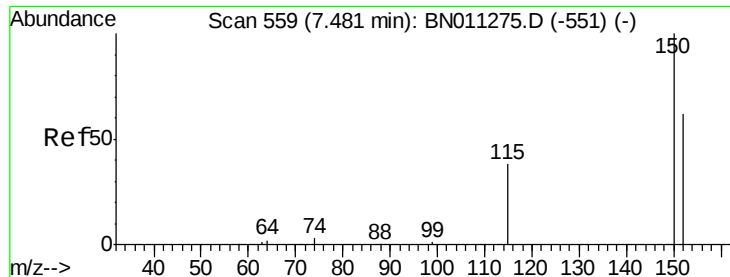
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN072820.M
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QLast Update : Tue Jul 28 12:05:27 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.48 min Scan# 559

Delta R.T. 0.00 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

Instrument :

BNA_N

ClientSampled :

SSTDICC3.2

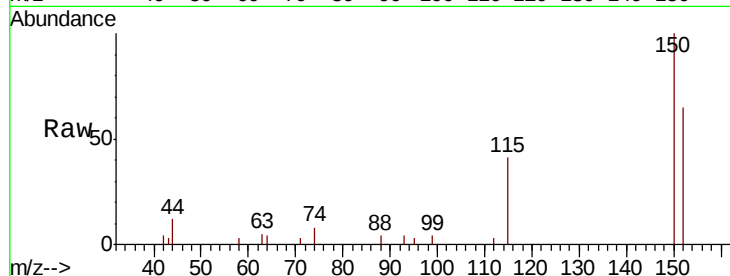
Tot Ion:152 Resp: 1914

Ion Ratio Lower Upper

152 100

150 153.8 126.5 189.7

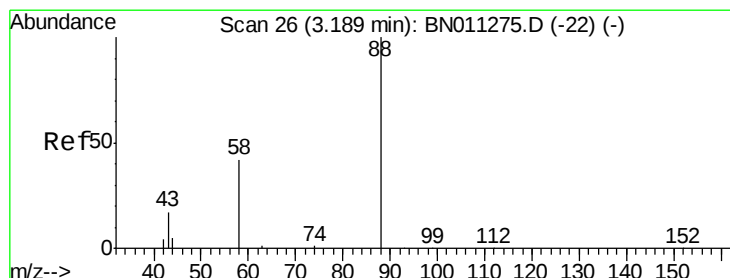
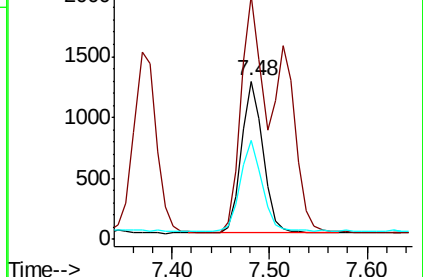
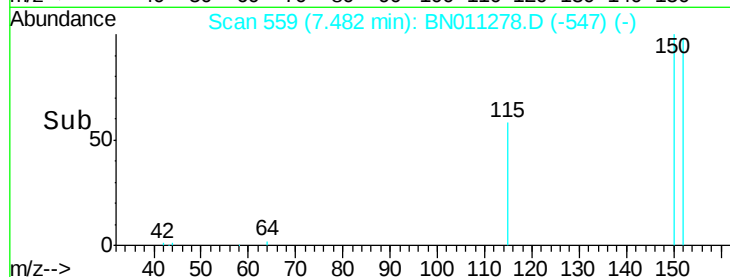
115 62.5 51.9 77.9



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



#2

1,4-Dioxane

Concen: 2.714 ng

RT: 3.18 min Scan# 25

Delta R.T. -0.01 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

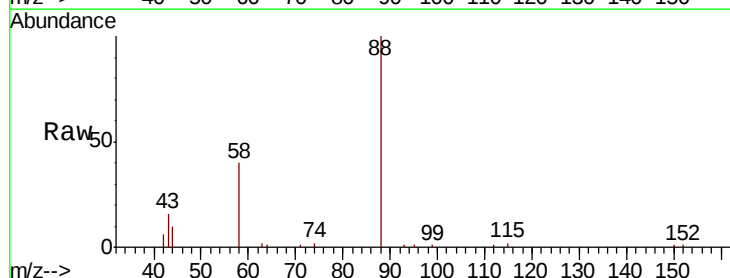
Tgt Ion: 88 Resp: 7428

Ion Ratio Lower Upper

88 100

58 45.6 36.5 54.7

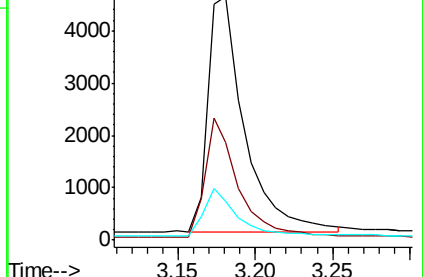
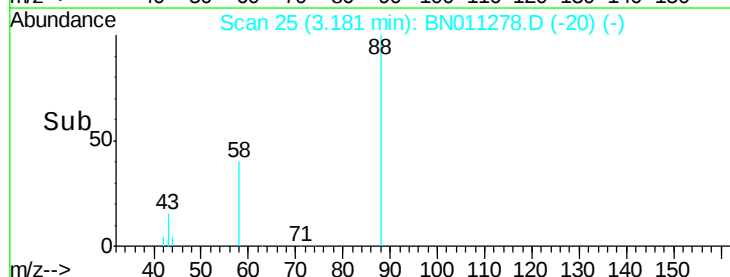
43 17.6 16.1 24.1

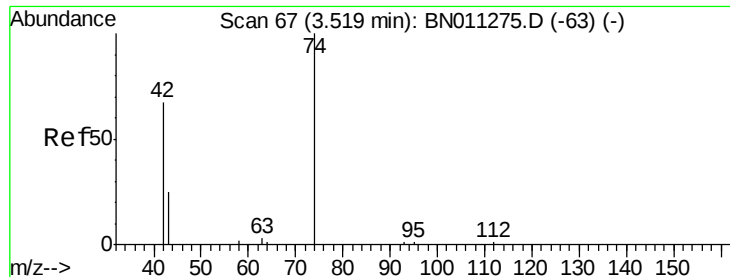


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 3.313 ng

RT: 3.48 min Scan# 62

Delta R.T. -0.04 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

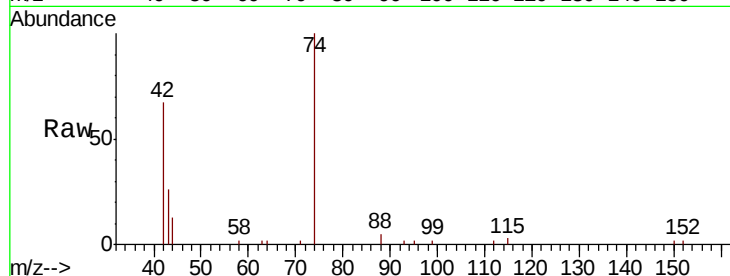
Tot Ion: 42 Resp: 4562

Ion Ratio Lower Upper

42 100

74 170.8 144.2 216.2

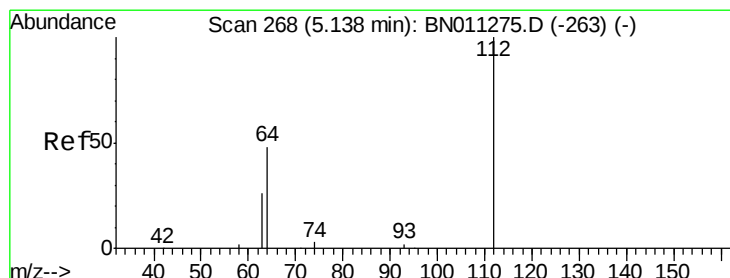
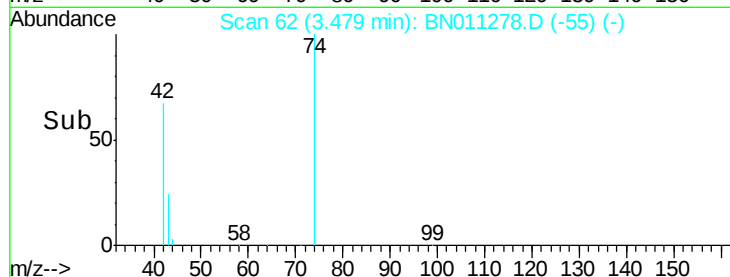
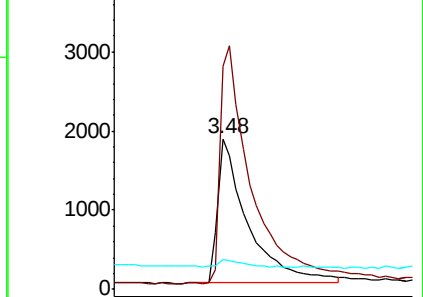
44 3.6 11.1 16.7#



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: 3.054 ng

RT: 5.14 min Scan# 268

Delta R.T. 0.00 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

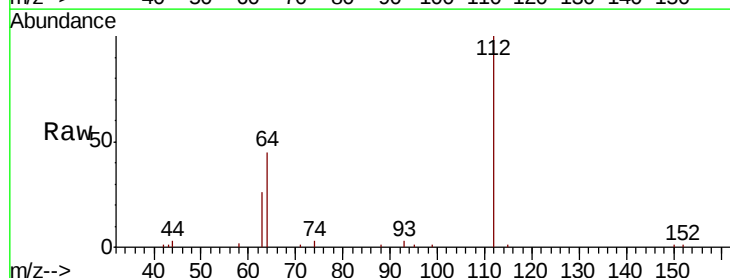
Tgt Ion: 112 Resp: 14416

Ion Ratio Lower Upper

112 100

64 46.0 35.8 53.6

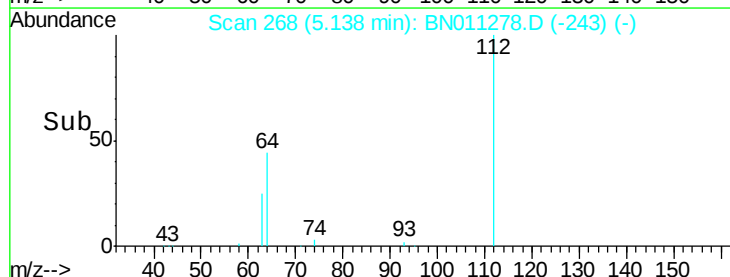
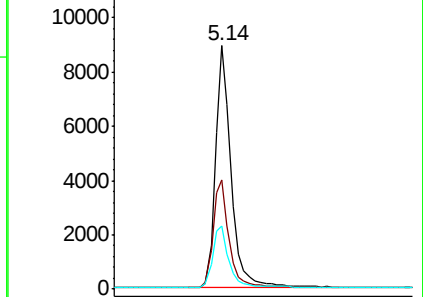
63 26.0 19.3 28.9

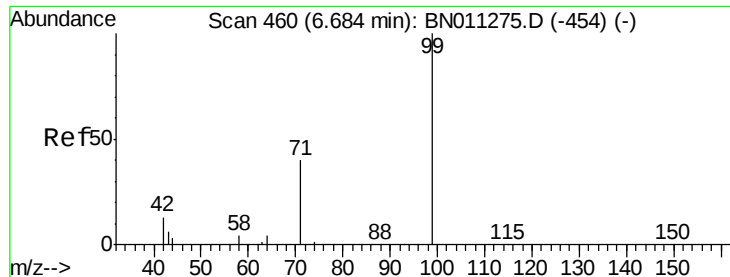


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 3.584 ng

RT: 6.68 min Scan# 459

Delta R.T. -0.01 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

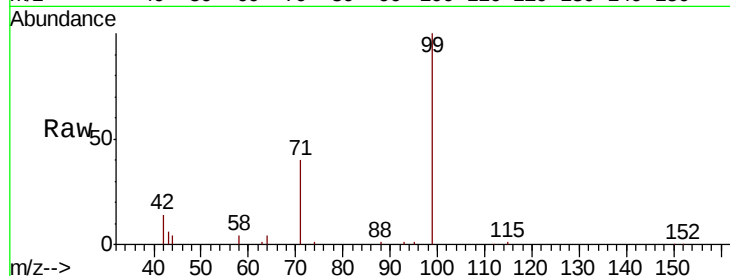
Tot Ion: 99 Resp: 19124

Ion Ratio Lower Upper

99 100

42 13.9 11.2 16.8

71 38.3 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BN011278.D (-454) (-)

Ion 42.00 (41.70 to 42.70): BN011278.D (-454) (-)

Ion 71.00 (70.70 to 71.70): BN011278.D (-454) (-)

6.68

15000

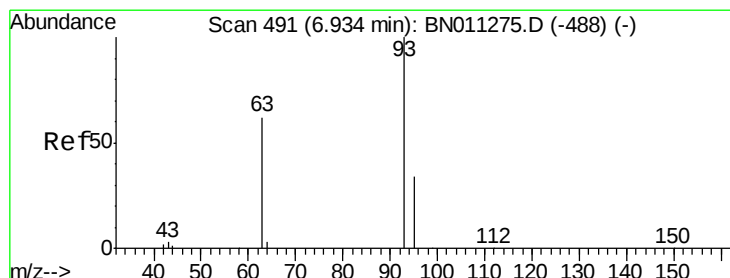
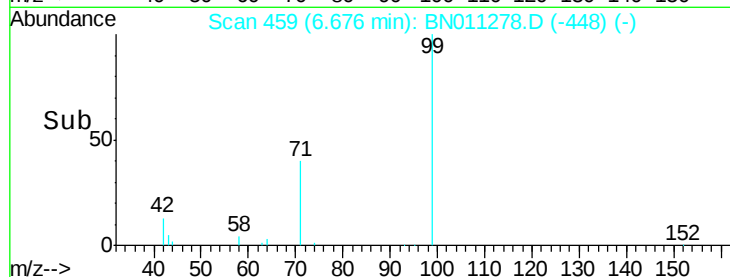
10000

5000

0

6.60 6.70 6.80 6.90

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 3.281 ng

RT: 6.93 min Scan# 490

Delta R.T. -0.01 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

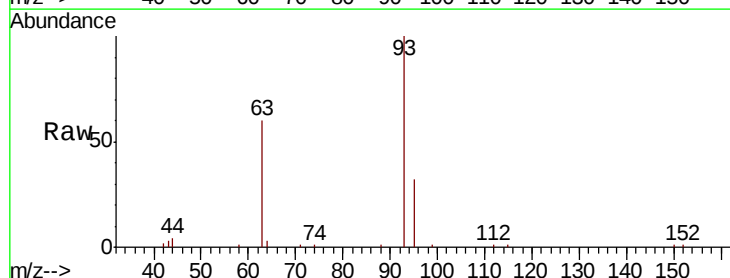
Tgt Ion: 93 Resp: 16035

Ion Ratio Lower Upper

93 100

63 57.7 47.8 71.6

95 31.5 27.1 40.7



Abundance Ion 93.00 (92.70 to 93.70): BN011278.D (-488) (-)

Ion 63.00 (62.70 to 63.70): BN011278.D (-488) (-)

Ion 95.00 (94.70 to 95.70): BN011278.D (-488) (-)

6.93

15000

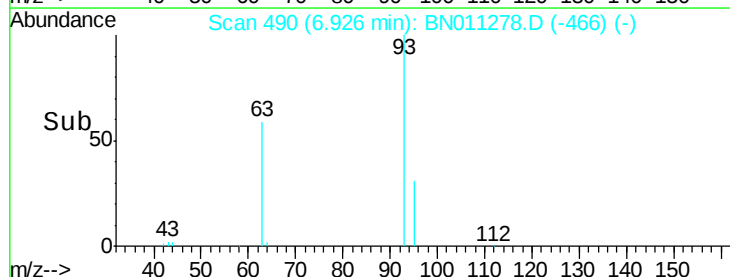
10000

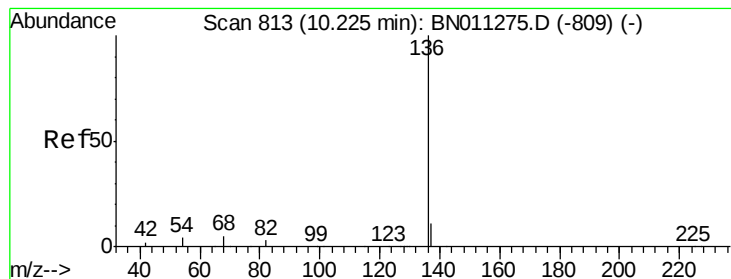
5000

0

6.85 6.90 6.95 7.00 7.05

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.22 min Scan# 813

Delta R.T. 0.00 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 5816

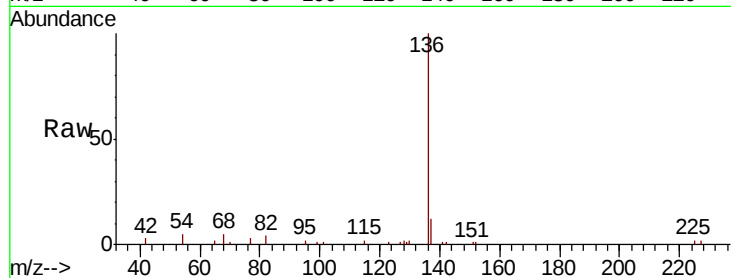
Ion Ratio Lower Upper

136 100

137 12.4 9.9 14.9

54 4.6 4.8 7.2#

68 4.9 4.9 7.3

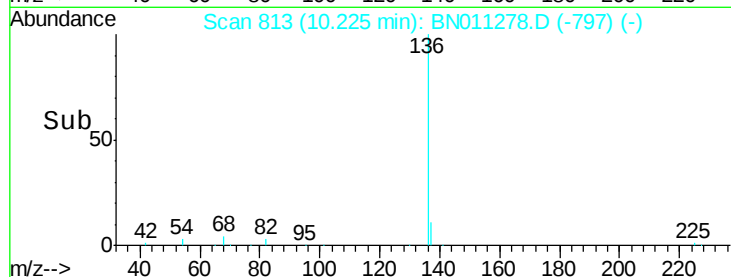


Abundance Ion 136.00 (135.70 to 136.70): E

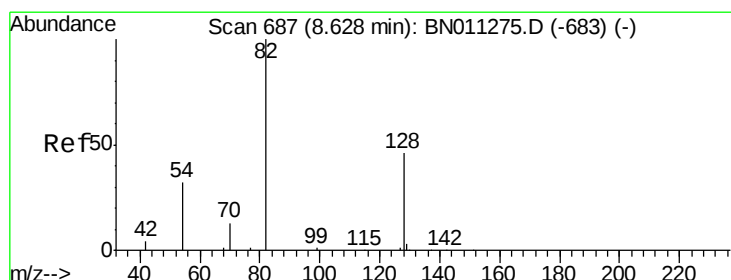
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 3.680 ng

RT: 8.62 min Scan# 686

Delta R.T. -0.01 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

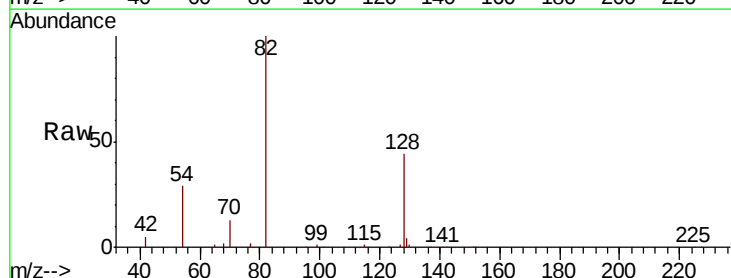
Tgt Ion: 82 Resp: 18973

Ion Ratio Lower Upper

82 100

128 44.2 40.1 60.1

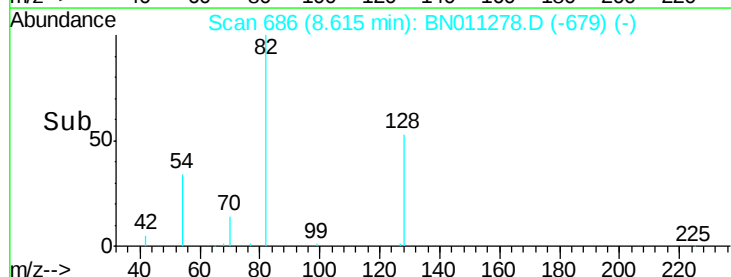
54 28.7 29.0 43.6#



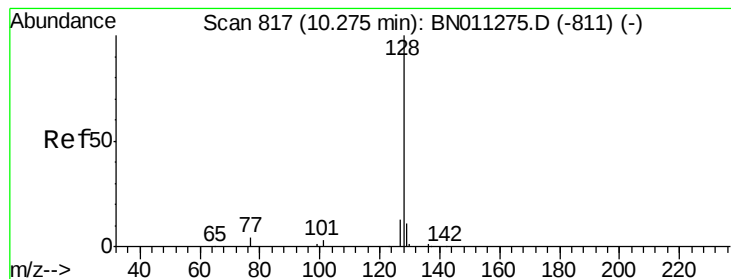
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#9

Naphthalene

Concen: 3.055 ng

RT: 10.28 min Scan# 817

Delta R.T. 0.00 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

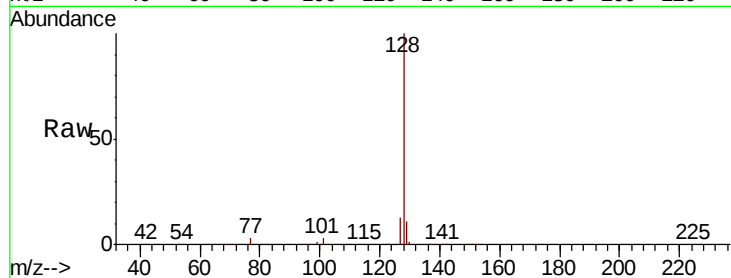
Tot Ion:128 Resp: 52856

Ion Ratio Lower Upper

128 100

129 11.2 9.7 14.5

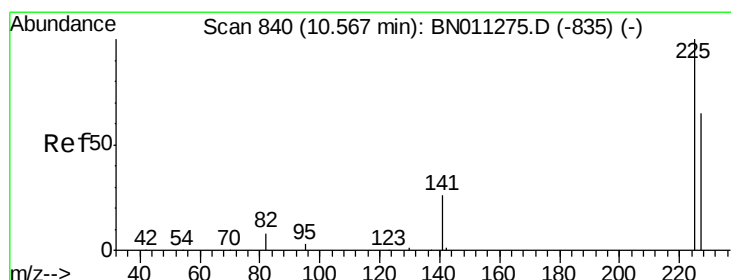
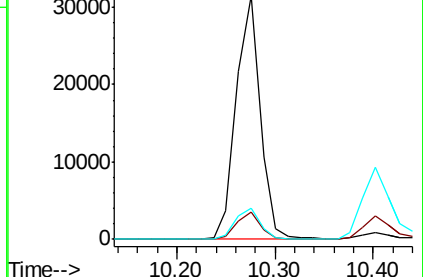
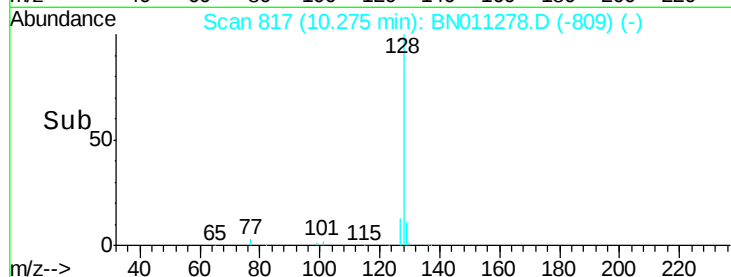
127 13.0 11.5 17.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 2.945 ng

RT: 10.57 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

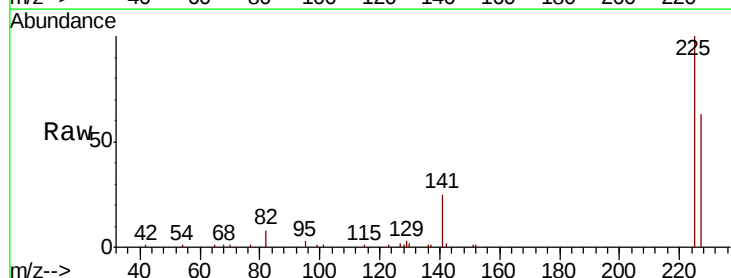
Tgt Ion:225 Resp: 12630

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

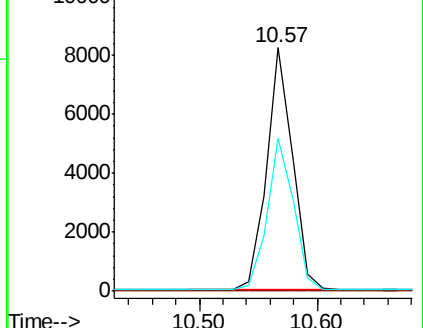
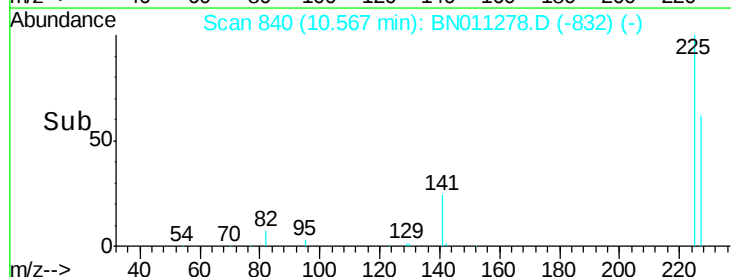
227 63.5 51.7 77.5

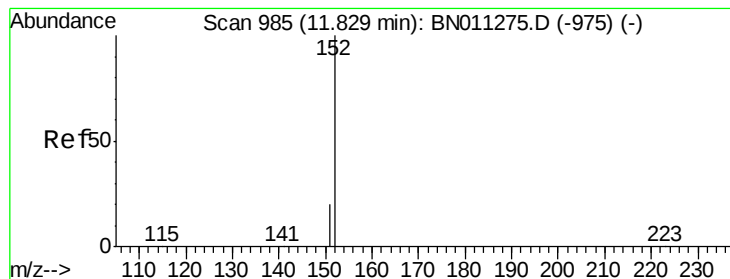


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.475 ng

RT: 11.82 min Scan# 983

Delta R.T. -0.01 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

Instrument :

BNA_N

ClientSampleId :

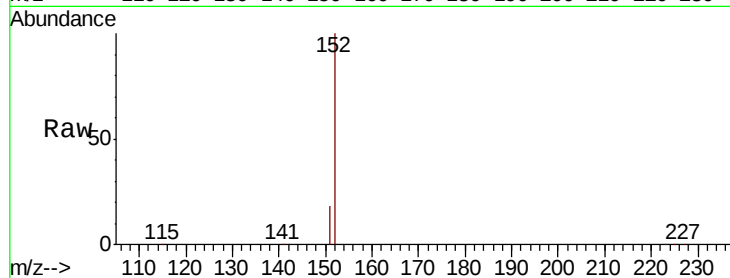
SSTDICC3.2

Tot Ion:152 Resp: 32782

Ion Ratio Lower Upper

152 100

151 20.6 16.6 24.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

20000

15000

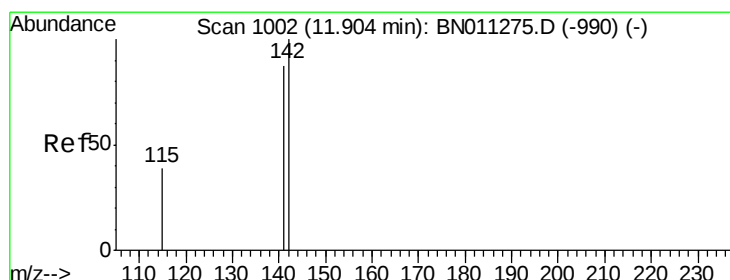
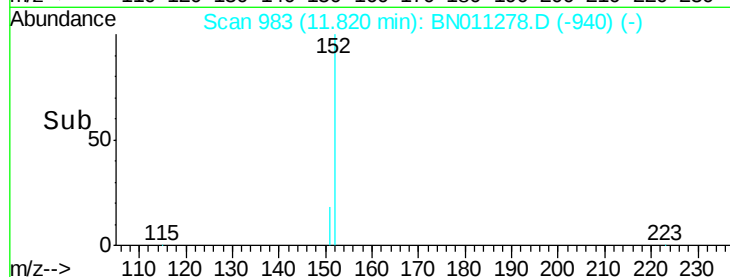
10000

5000

0

11.70 11.80 11.90 12.00

Time-->



#12

2-Methylnaphthalene

Concen: 3.500 ng

RT: 11.90 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

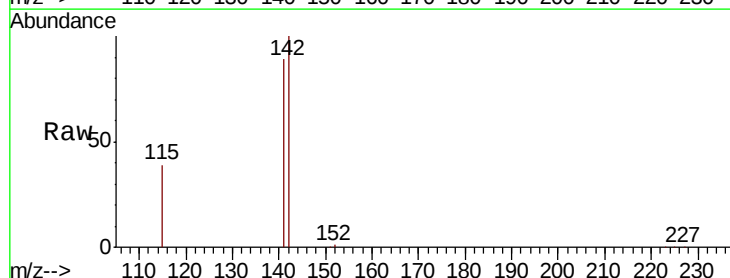
Tgt Ion:142 Resp: 38088

Ion Ratio Lower Upper

142 100

141 88.7 69.6 104.4

115 38.7 32.5 48.7



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

30000

25000

20000

15000

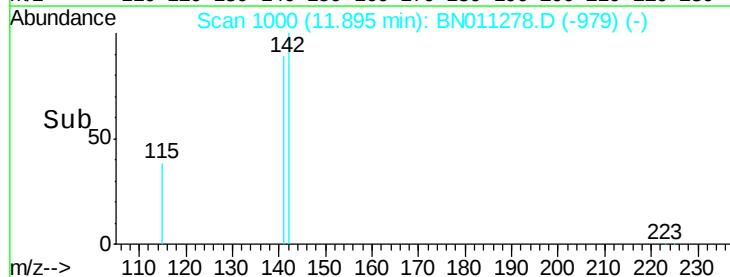
10000

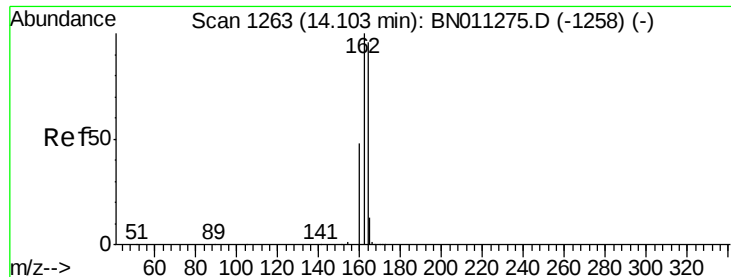
5000

0

11.80 11.90 12.00 12.10

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.10 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

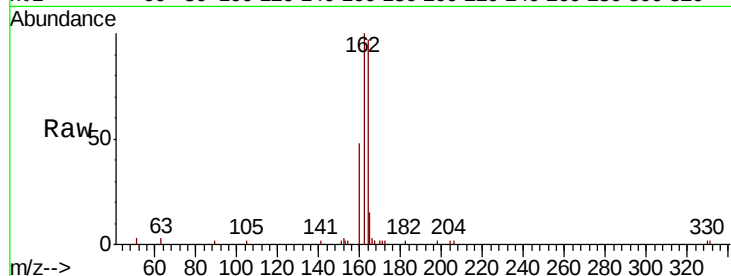
Tot Ion:164 Resp: 3611

Ion Ratio Lower Upper

164 100

162 103.2 83.6 125.4

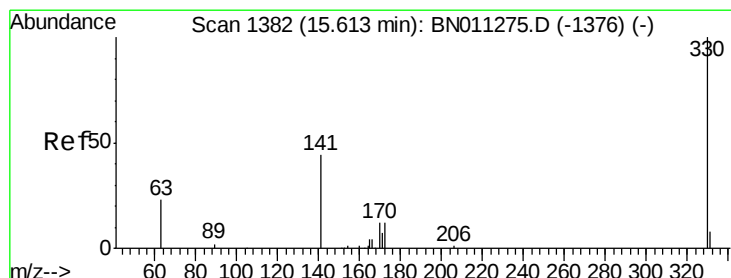
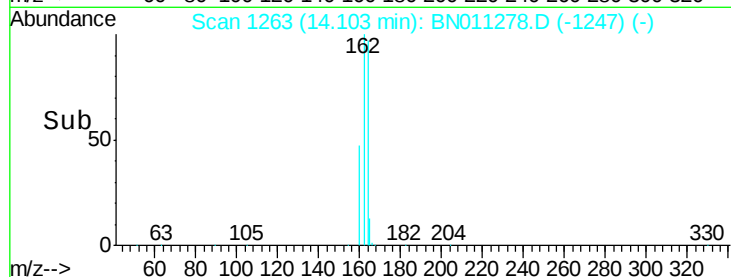
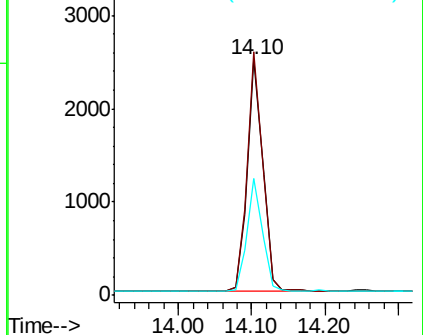
160 49.8 41.2 61.8



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: 3.572 ng

RT: 15.61 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

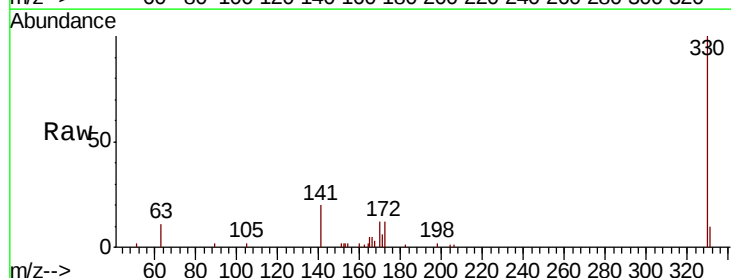
Tgt Ion:330 Resp: 5725

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

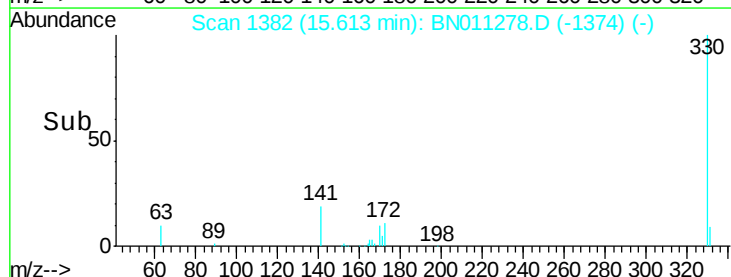
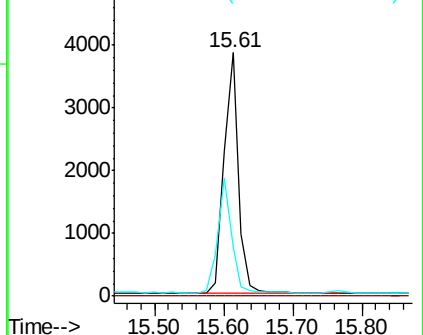
141 44.4 34.2 51.2

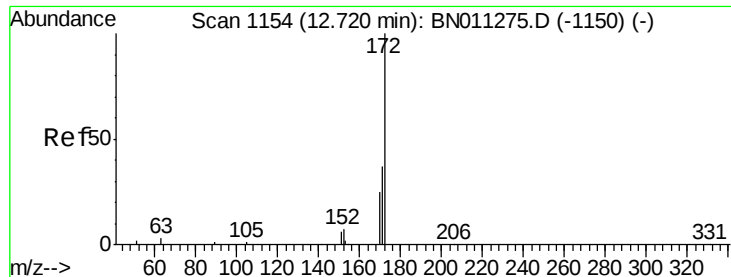


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

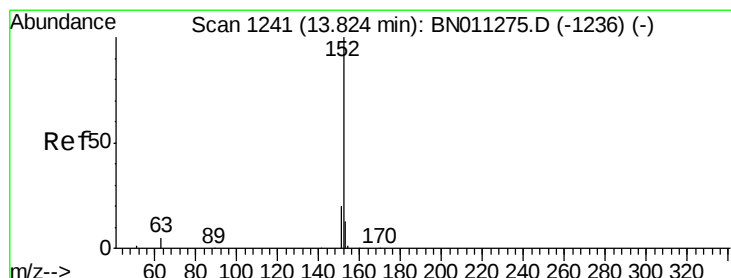
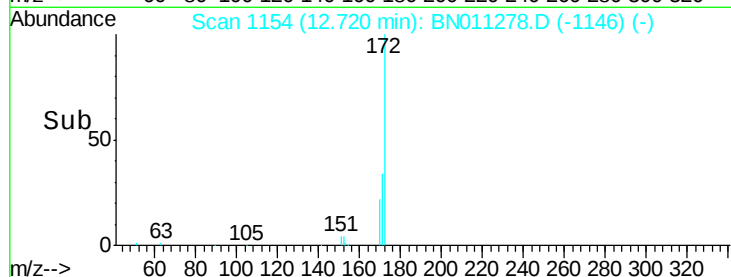
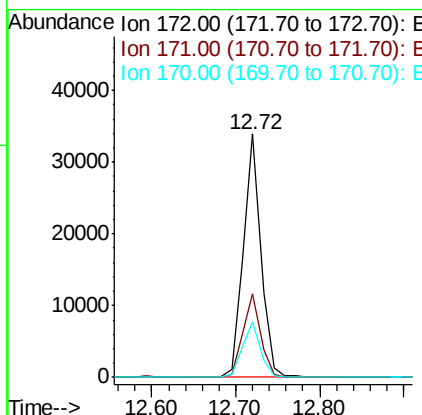
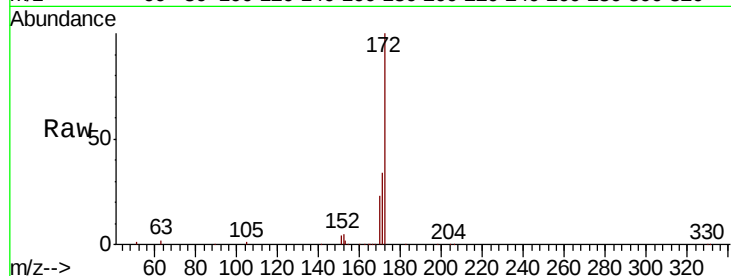




#15
2-Fluorobiphenyl
Concen: 2.902 ng
RT: 12.72 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BN011278.D
Acq: 28 Jul 2020 13:22

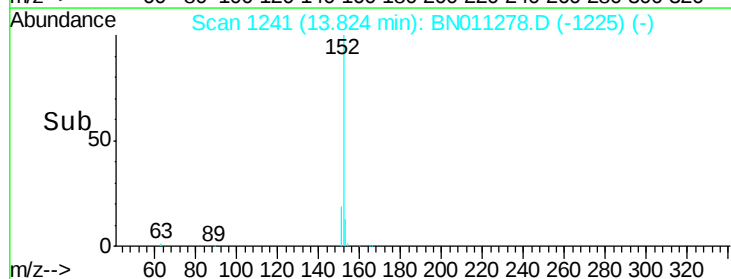
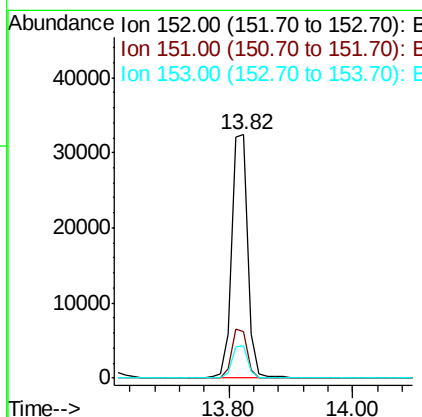
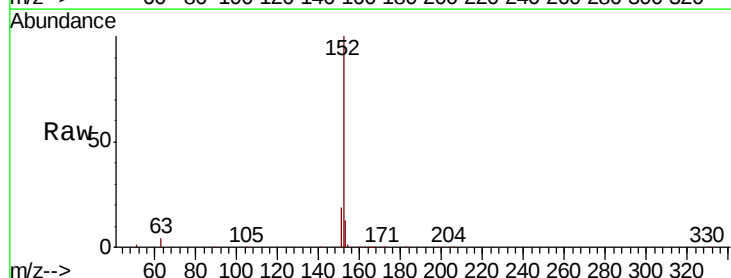
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

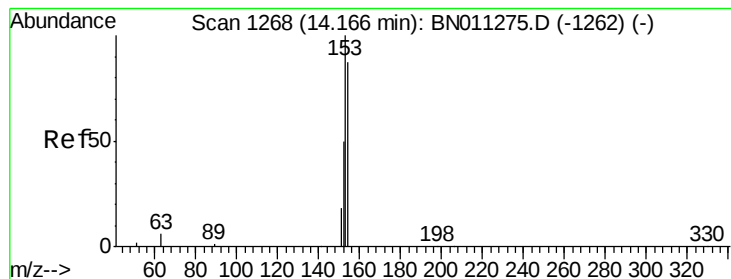
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	30.6	46.0
170	22.5	21.0	31.4



#16
Acenaphthylene
Concen: 3.232 ng
RT: 13.82 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BN011278.D
Acq: 28 Jul 2020 13:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.8
153	13.1	10.2	15.4





#17

Acenaphthene

Concen: 3.052 ng

RT: 14.17 min Scan# 1268

Delta R.T. 0.00 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

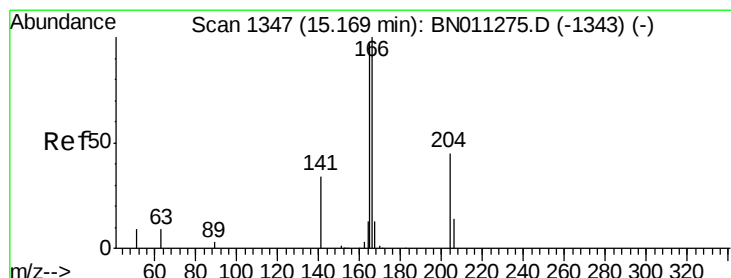
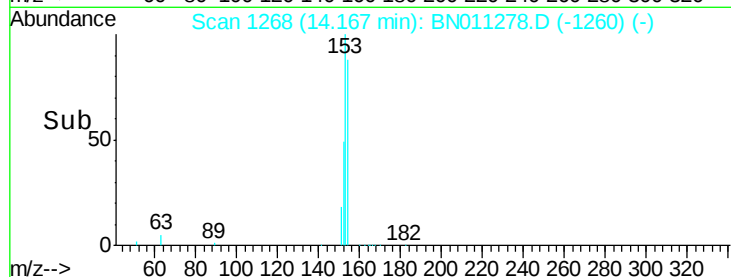
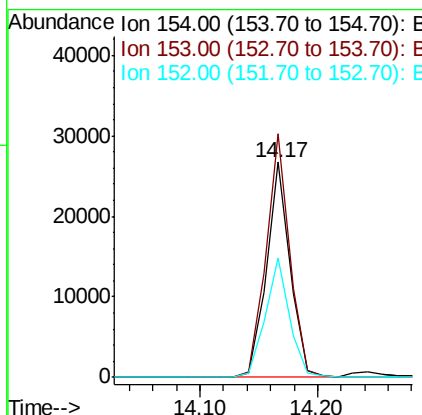
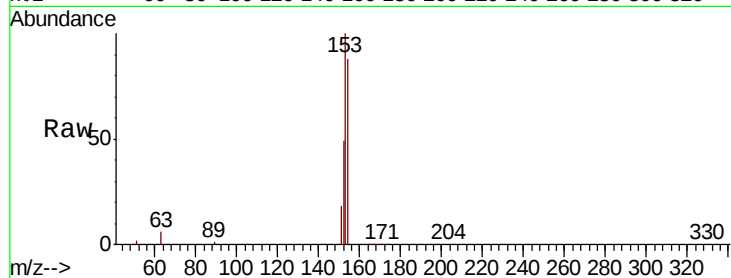
Tot Ion:154 Resp: 37401

Ion Ratio Lower Upper

154 100

153 114.0 91.3 136.9

152 56.7 45.8 68.6



#18

Fluorene

Concen: 3.160 ng

RT: 15.17 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

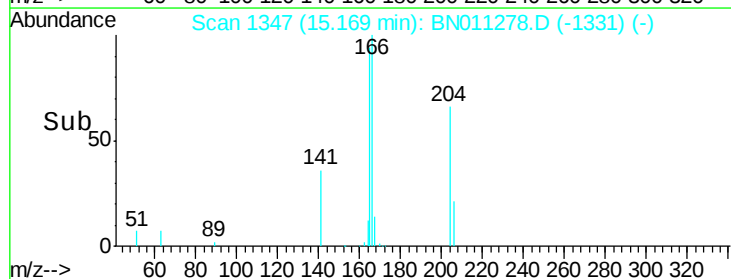
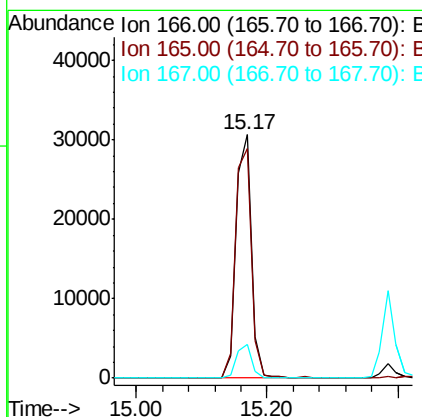
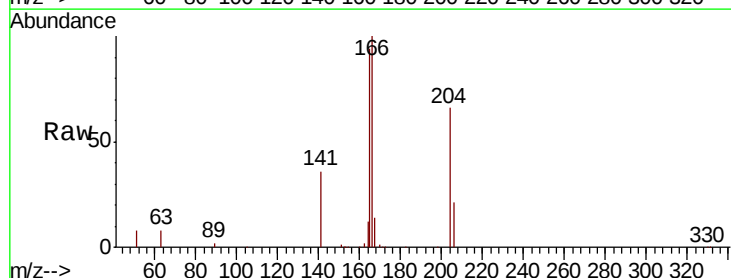
Tgt Ion:166 Resp: 49679

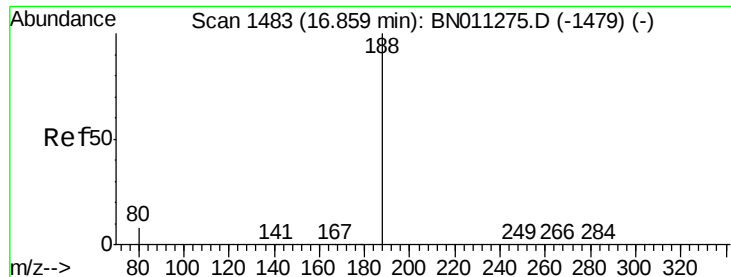
Ion Ratio Lower Upper

166 100

165 98.1 79.6 119.4

167 13.6 10.8 16.2





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.86 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

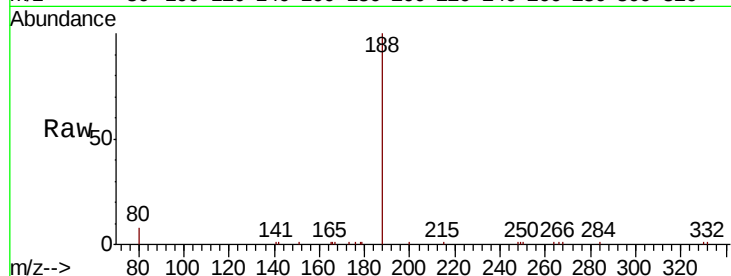
Tot Ion:188 Resp: 7679

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

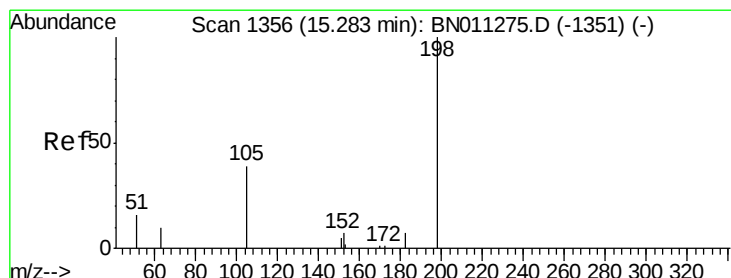
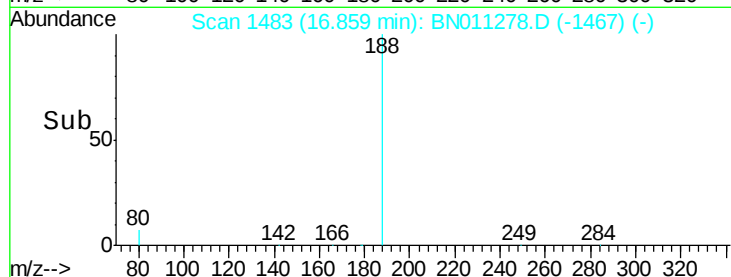
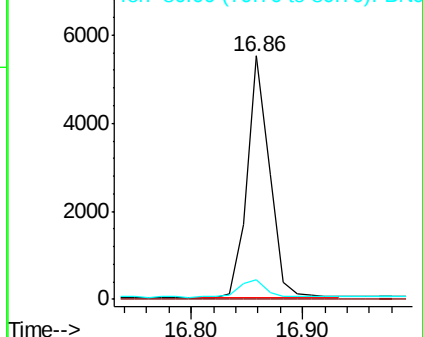
80 8.0 7.4 11.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4,6-Dinitro-2-methylphenol

Concen: 4.603 ng

RT: 15.26 min Scan# 1354

Delta R.T. -0.03 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

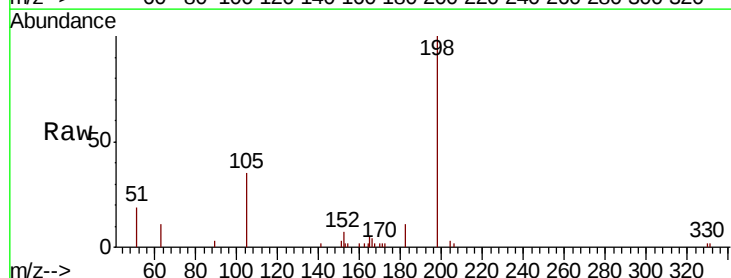
Tgt Ion:198 Resp: 4641

Ion Ratio Lower Upper

198 100

51 18.8 49.0 73.6#

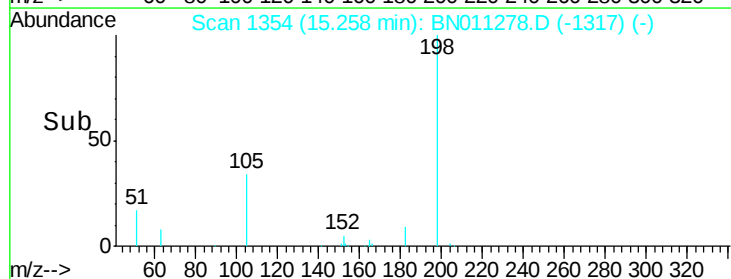
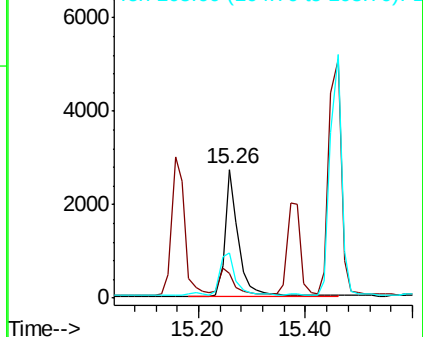
105 35.0 53.8 80.6#

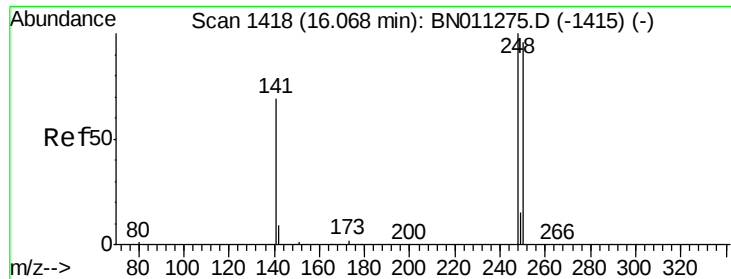


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E

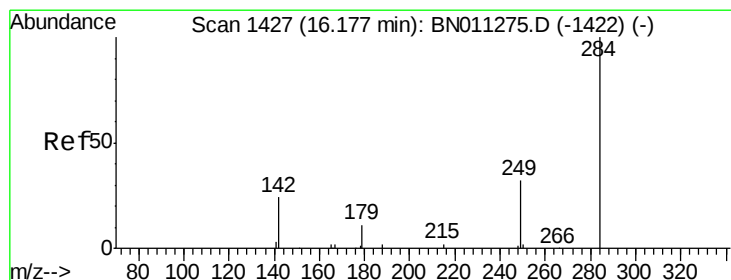
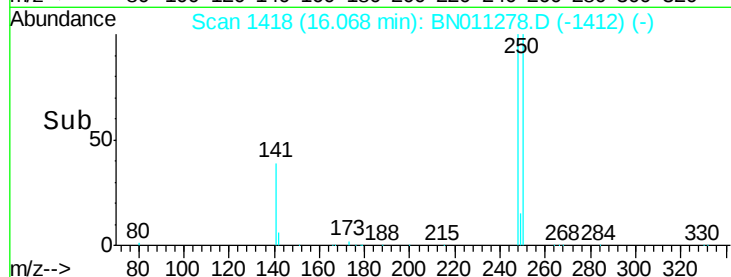
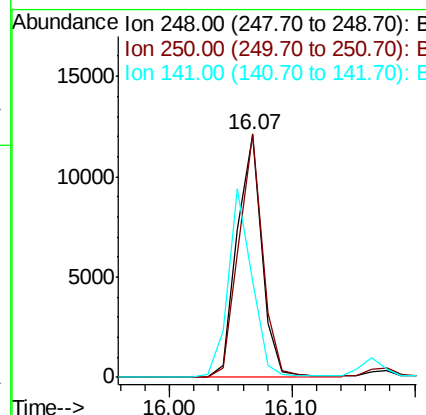
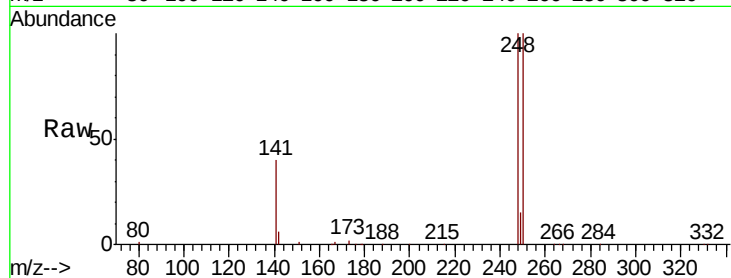




#21
4-Bromophenyl-phenylether
Concen: 3.219 ng
RT: 16.07 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BN011278.D
Acq: 28 Jul 2020 13:22

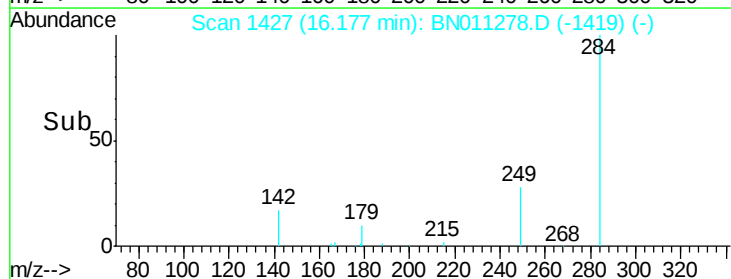
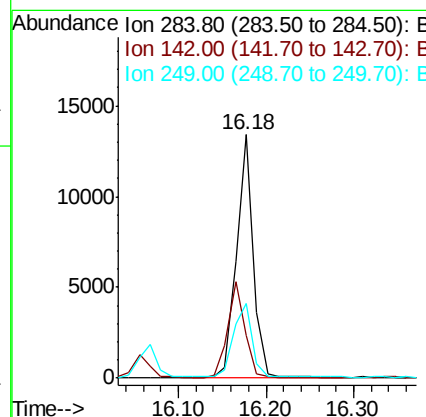
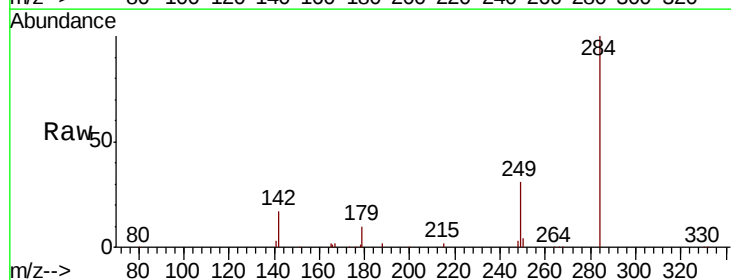
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

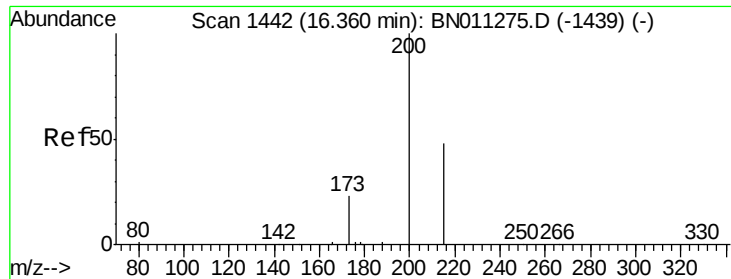
Tot Ion:248 Resp: 16799
Ion Ratio Lower Upper
248 100
250 100.5 77.2 115.8
141 39.7 56.5 84.7#



#22
Hexachlorobenzene
Concen: 2.897 ng
RT: 16.18 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BN011278.D
Acq: 28 Jul 2020 13:22

Tgt Ion:284 Resp: 17595
Ion Ratio Lower Upper
284 100
142 39.7 32.8 49.2
249 34.0 26.6 40.0

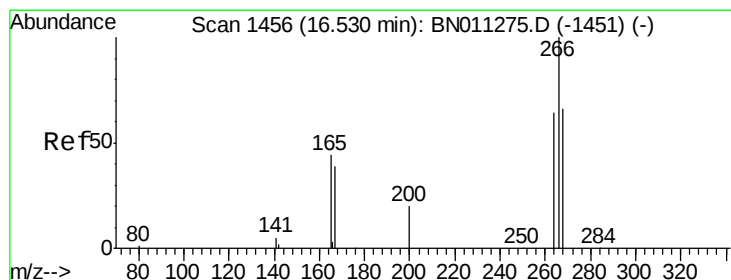
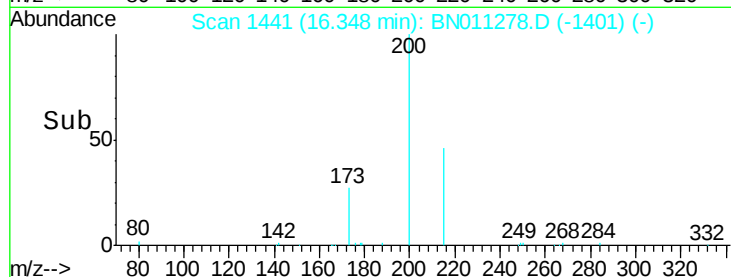
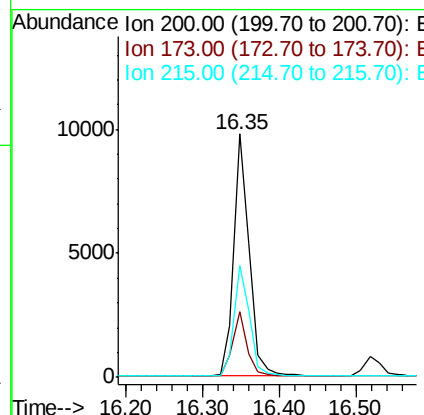
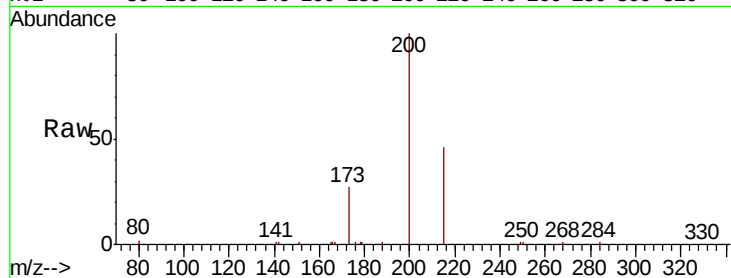




#23
Atrazine
Concen: 3.744 ng
RT: 16.35 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BN011278.D
Acq: 28 Jul 2020 13:22

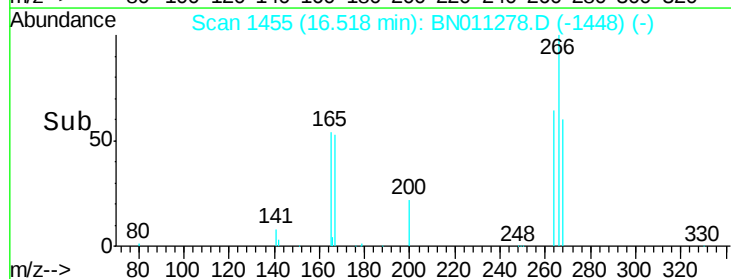
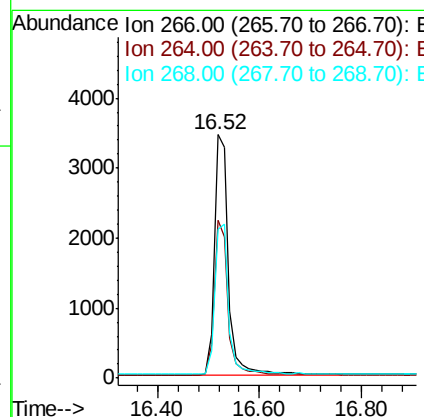
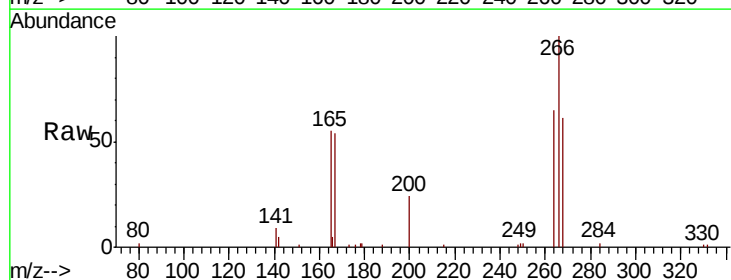
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

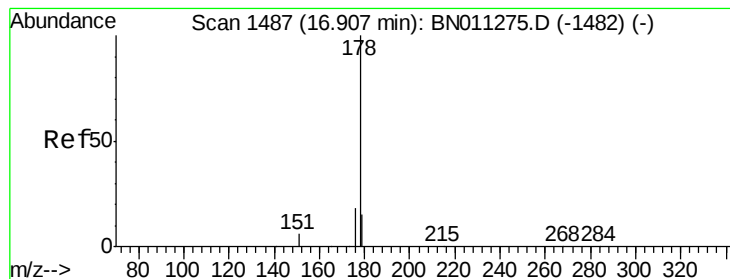
Tot Ion:200 Resp: 13702
Ion Ratio Lower Upper
200 100
173 27.0 22.0 33.0
215 46.0 41.1 61.7



#24
Pentachlorophenol
Concen: 3.669 ng
RT: 16.52 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BN011278.D
Acq: 28 Jul 2020 13:22

Tgt Ion:266 Resp: 6613
Ion Ratio Lower Upper
266 100
264 62.8 51.1 76.7
268 62.9 55.5 83.3





#25

Phenanthrene

Concen: 3.213 ng

RT: 16.90 min Scan# 1486

Delta R.T. -0.01 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

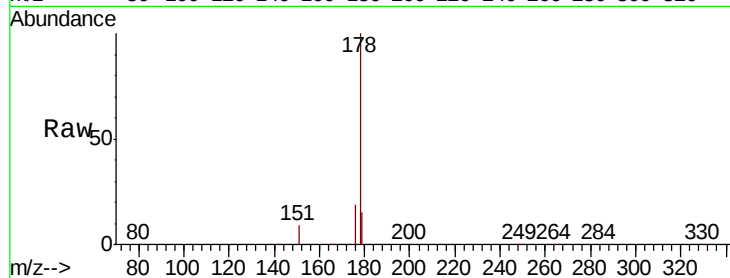
Tot Ion:178 Resp: 79284

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

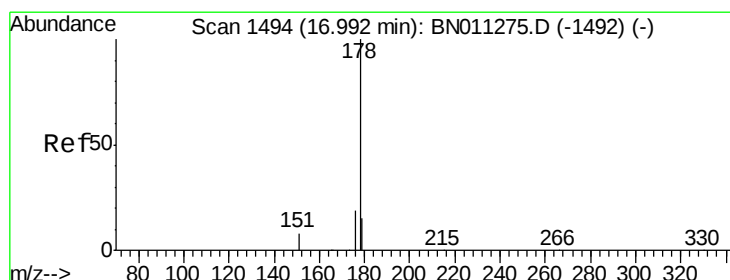
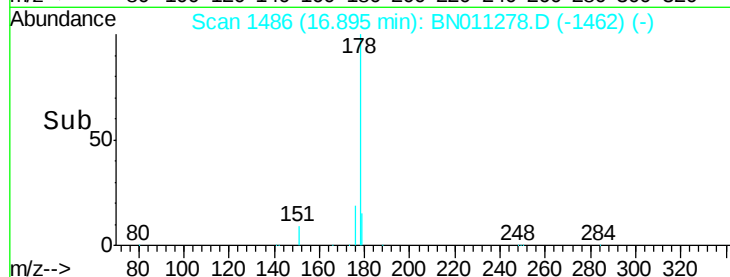
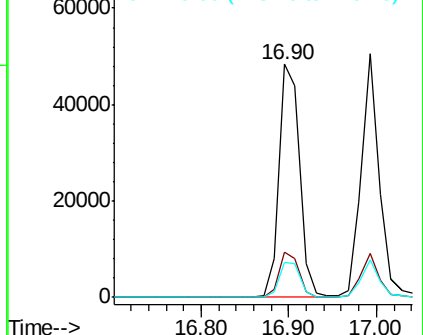
179 15.4 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#26

Anthracene

Concen: 3.520 ng

RT: 16.99 min Scan# 1494

Delta R.T. 0.00 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

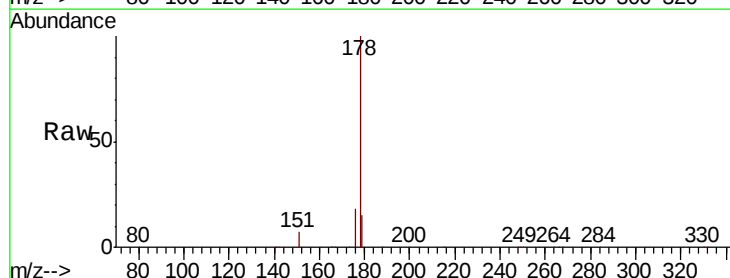
Tgt Ion:178 Resp: 72131

Ion Ratio Lower Upper

178 100

176 18.1 15.0 22.6

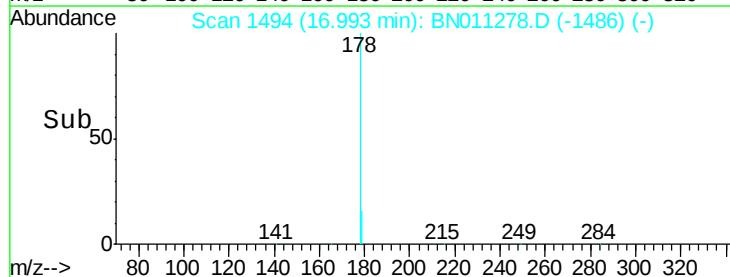
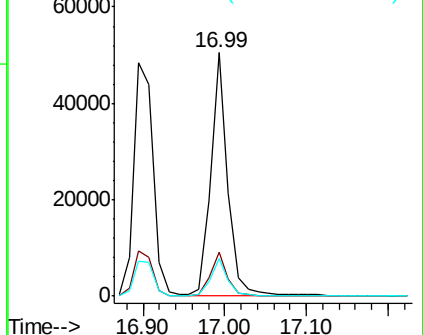
179 15.3 12.1 18.1

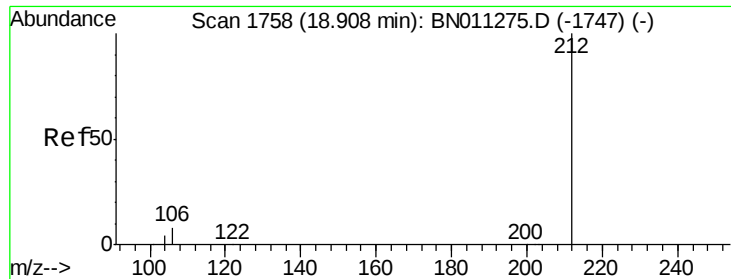


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 3.106 ng

RT: 18.90 min Scan# 1757

Delta R.T. -0.00 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

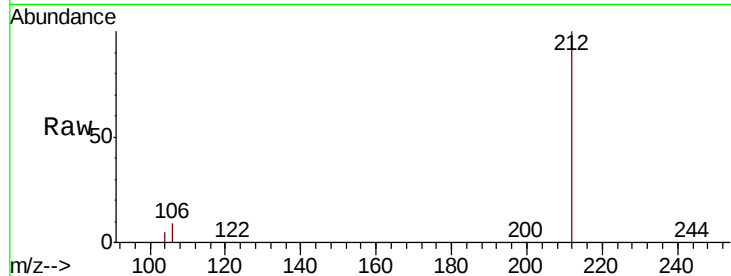
Tot Ion:212 Resp: 75196

Ion Ratio Lower Upper

212 100

106 9.2 6.9 10.3

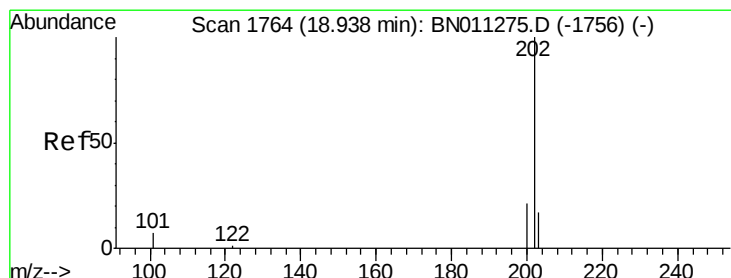
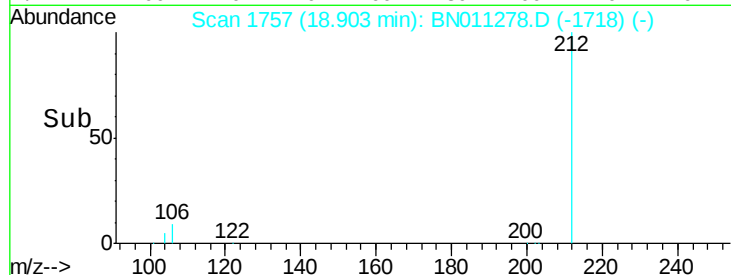
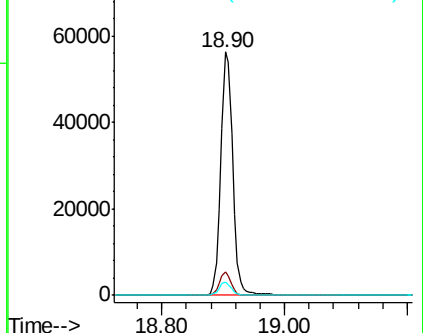
104 5.3 4.2 6.2



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: 3.134 ng

RT: 18.94 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

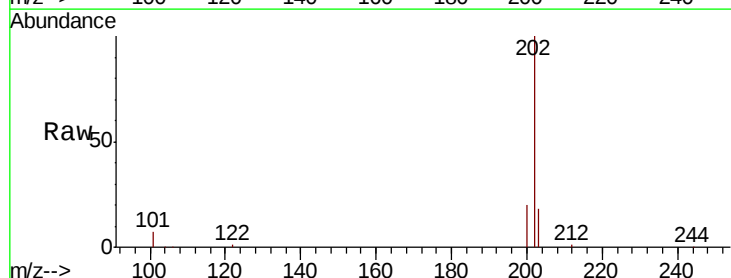
Tgt Ion:202 Resp: 92748

Ion Ratio Lower Upper

202 100

101 7.9 5.9 8.9

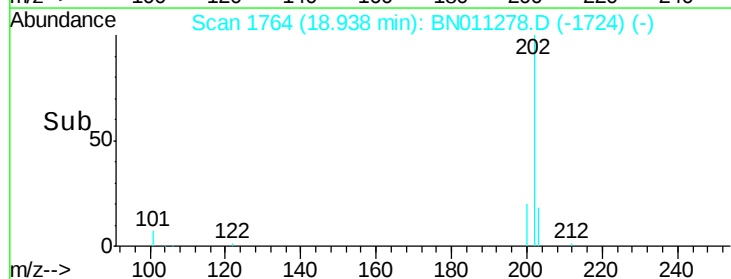
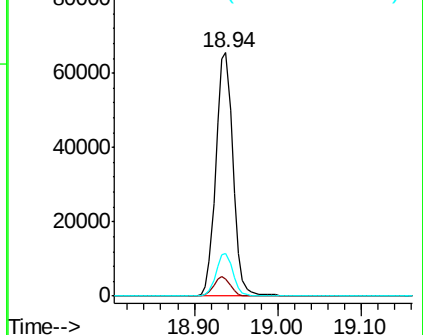
203 17.4 13.7 20.5

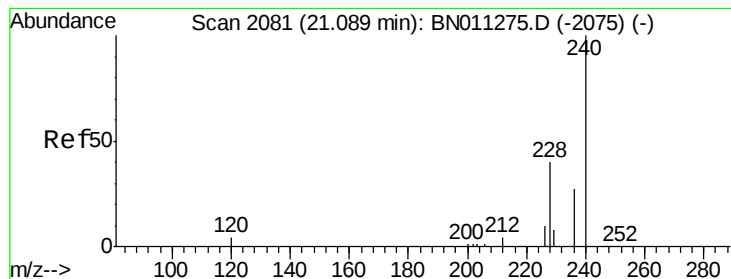


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.09 min Scan# 2081

Delta R.T. 0.00 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

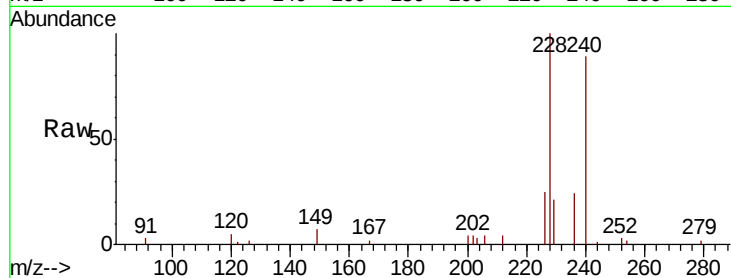
Tot Ion:240 Resp: 6743

Ion Ratio Lower Upper

240 100

120 5.9 5.8 8.8

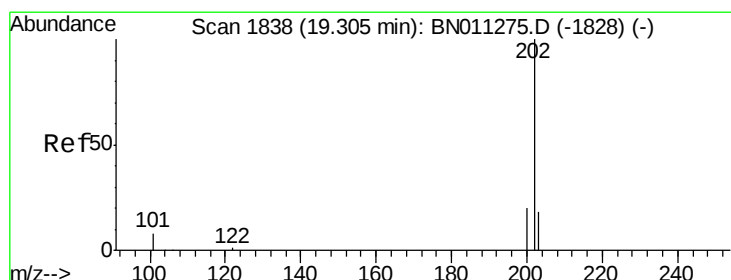
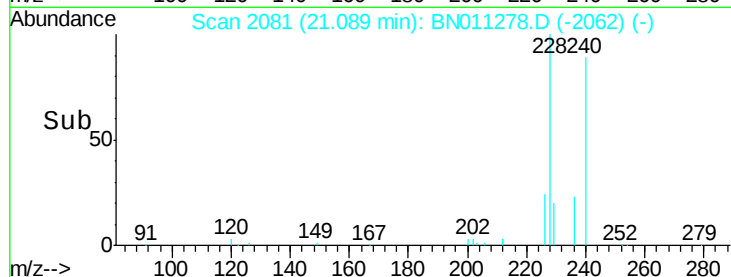
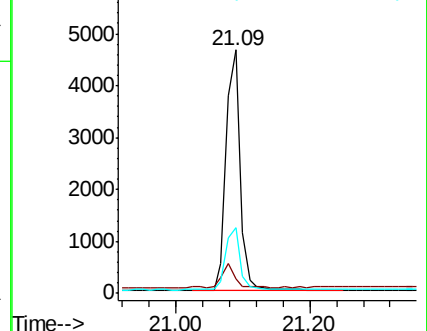
236 26.8 22.7 34.1



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: 3.531 ng

RT: 19.30 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

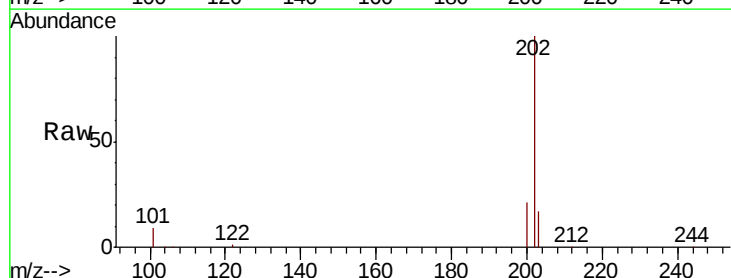
Tgt Ion:202 Resp: 90910

Ion Ratio Lower Upper

202 100

200 20.5 16.3 24.5

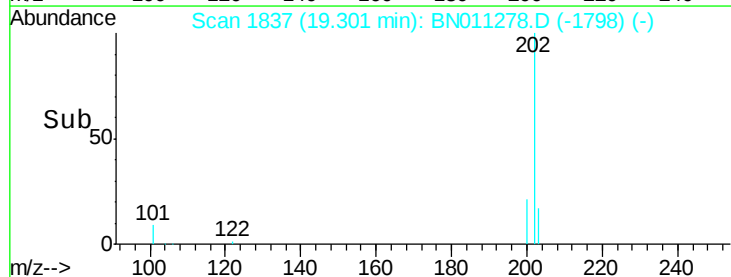
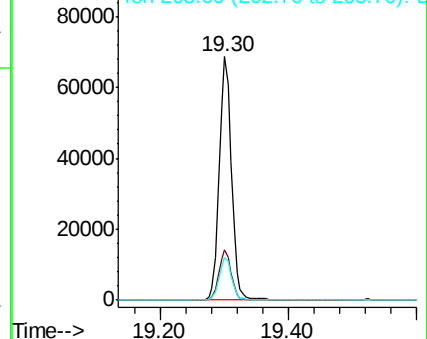
203 17.4 14.1 21.1

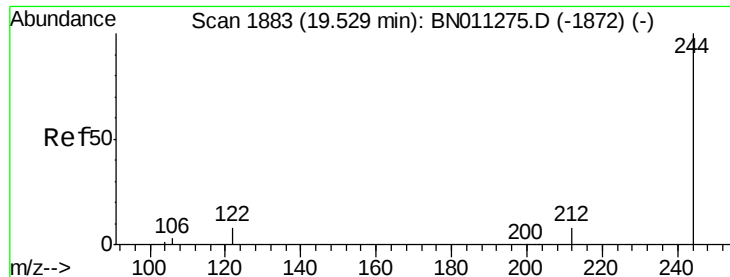


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 3.552 ng

RT: 19.52 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

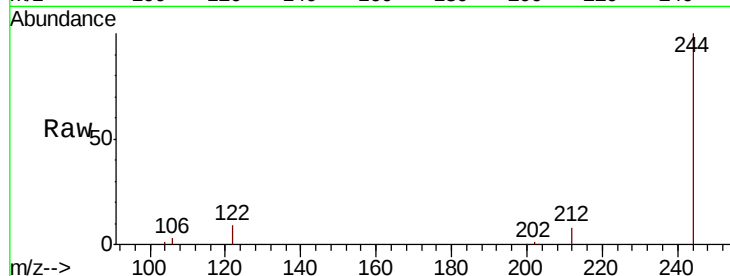
Tot Ion:244 Resp: 62353

Ion Ratio Lower Upper

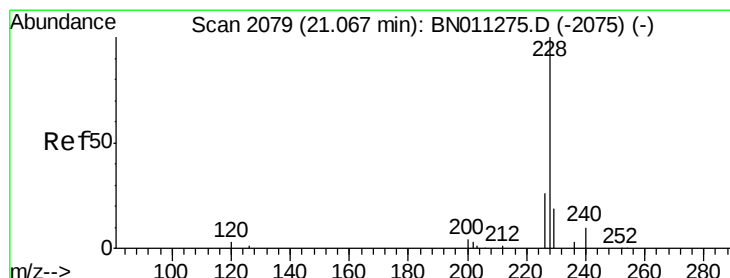
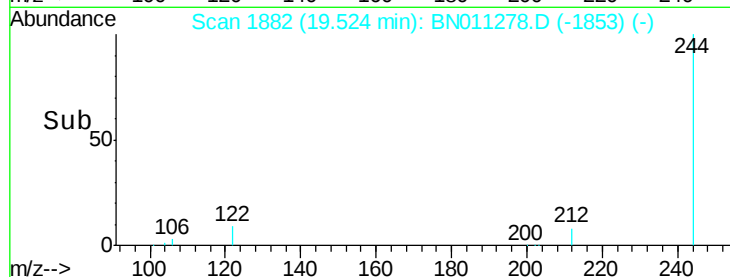
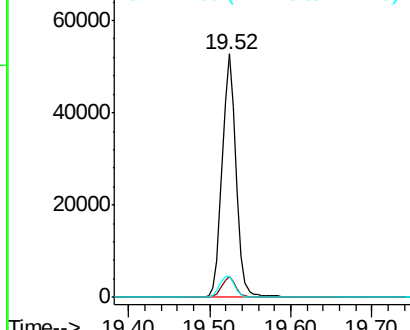
244 100

212 8.4 7.6 11.4

122 8.6 7.5 11.3



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: 3.379 ng

RT: 21.07 min Scan# 2079

Delta R.T. 0.00 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

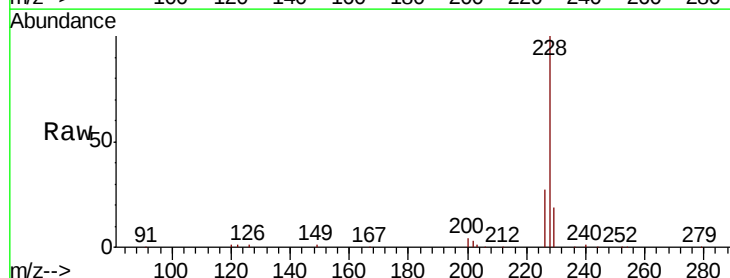
Tgt Ion:228 Resp: 73808

Ion Ratio Lower Upper

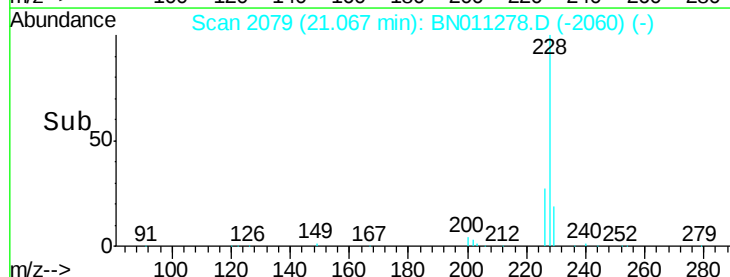
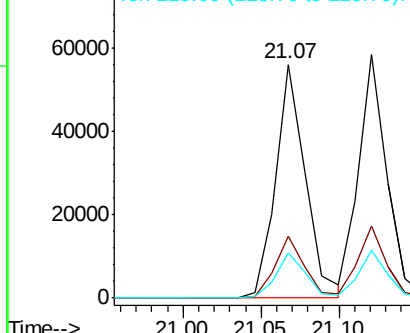
228 100

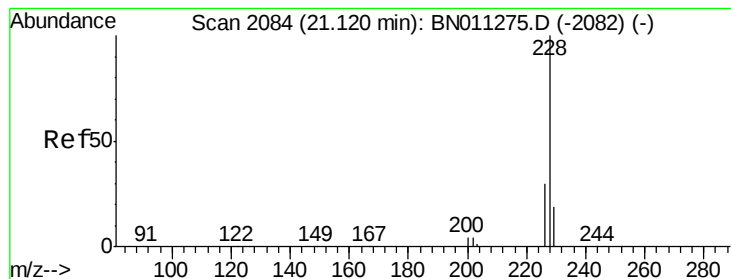
226 26.6 21.6 32.4

229 19.4 16.0 24.0



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: 2.751 ng

RT: 21.12 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

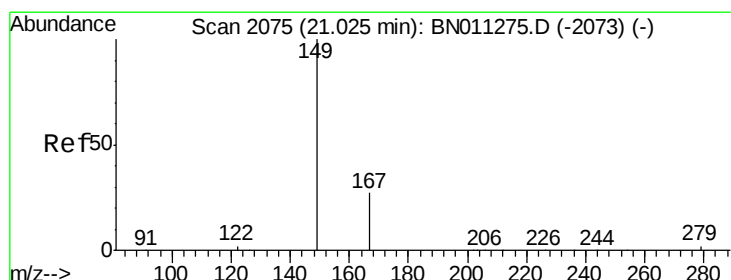
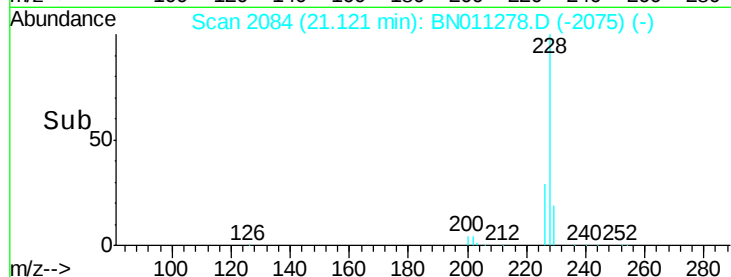
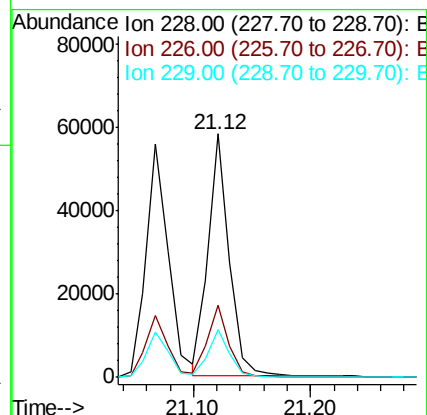
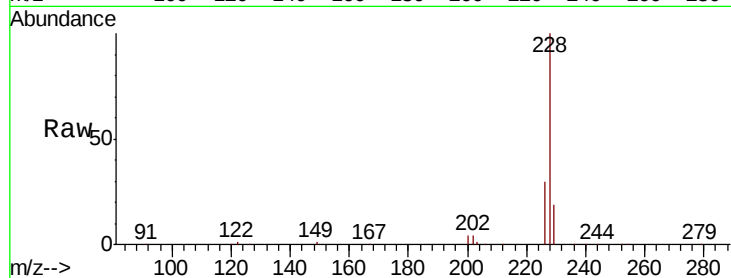
Tot Ion:228 Resp: 73469

Ion Ratio Lower Upper

228 100

226 29.5 24.3 36.5

229 19.5 15.9 23.9



#34

Bis(2-ethylhexyl)phthalate

Concen: 4.088 ng

RT: 21.04 min Scan# 2076

Delta R.T. 0.01 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

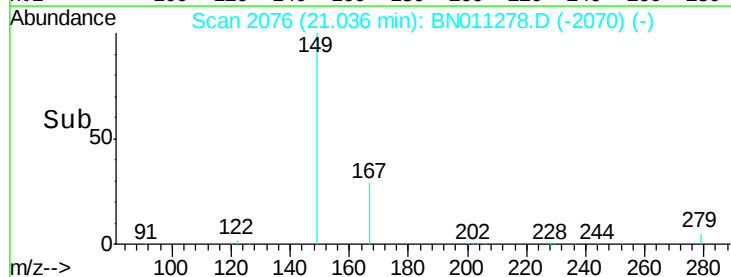
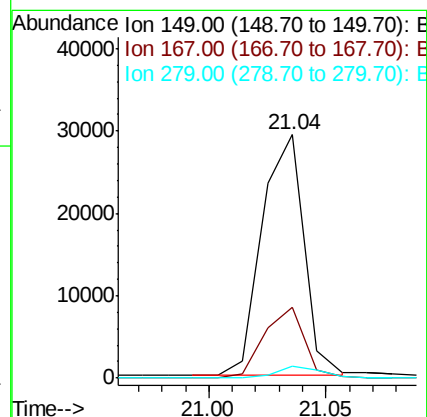
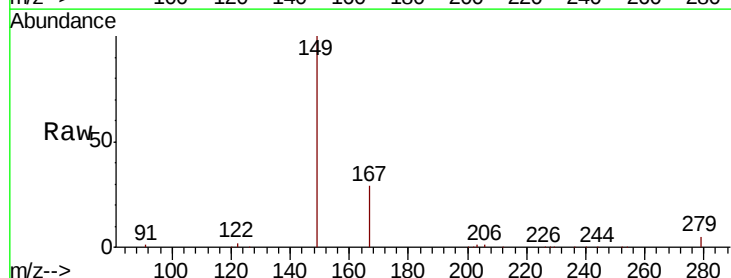
Tgt Ion:149 Resp: 36788

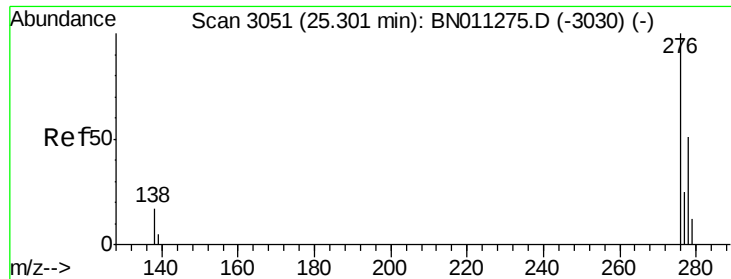
Ion Ratio Lower Upper

149 100

167 27.5 21.7 32.5

279 4.4 3.9 5.9

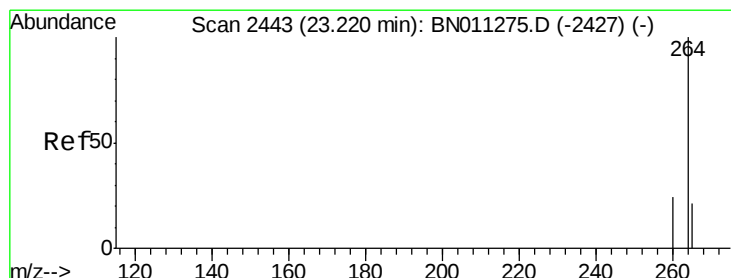
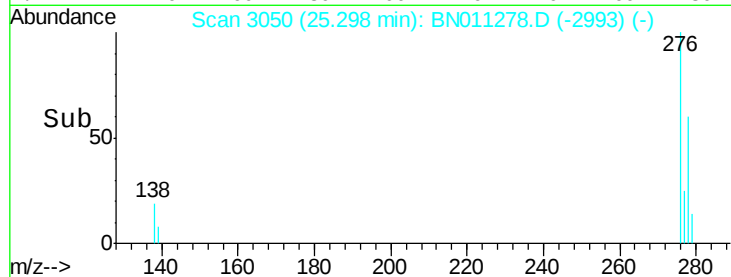
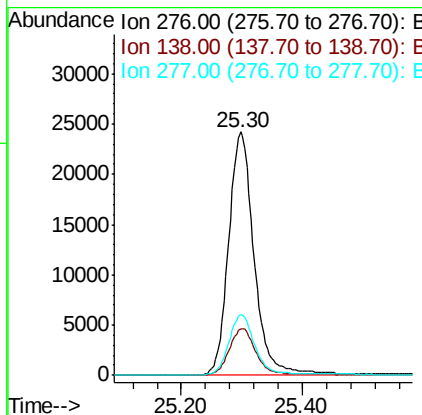
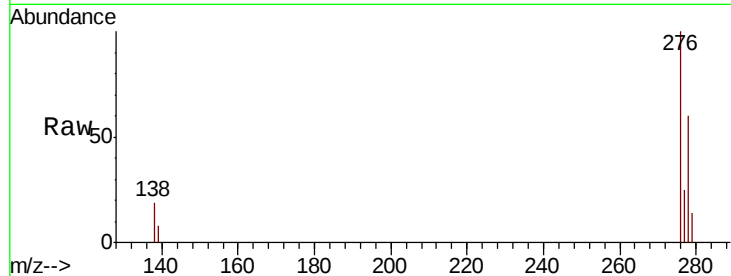




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 2.523 ng
 RT: 25.30 min Scan# 3050
 Delta R.T. -0.00 min
 Lab File: BN011278.D
 Acq: 28 Jul 2020 13:22

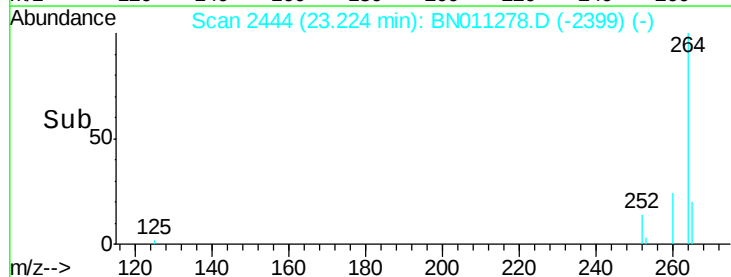
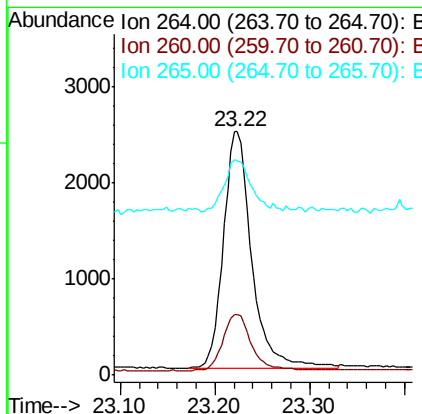
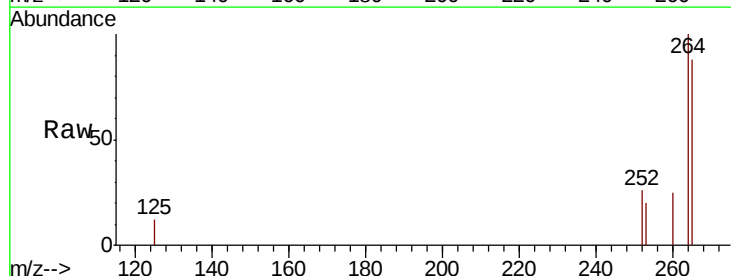
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

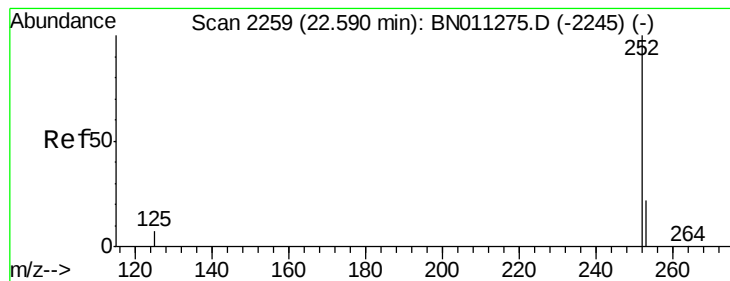
Tot Ion:276 Resp: 70458
 Ion Ratio Lower Upper
 276 100
 138 19.8 13.6 20.4
 277 25.1 19.7 29.5



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.22 min Scan# 2444
 Delta R.T. 0.00 min
 Lab File: BN011278.D
 Acq: 28 Jul 2020 13:22

Tgt Ion:264 Resp: 5127
 Ion Ratio Lower Upper
 264 100
 260 24.9 20.1 30.1
 265 87.8 70.7 106.1





#37

Benzo(b)fluoranthene

Concen: 3.168 ng

RT: 22.59 min Scan# 2259

Delta R.T. 0.00 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

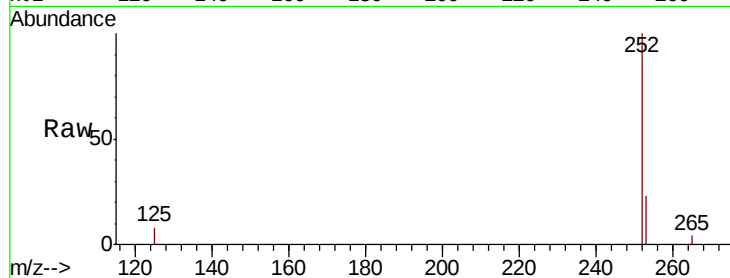
Tot Ion:252 Resp: 65238

Ion Ratio Lower Upper

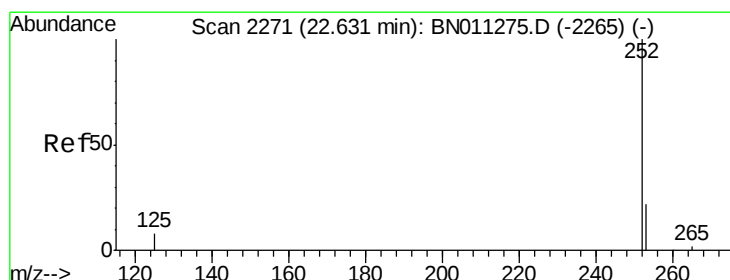
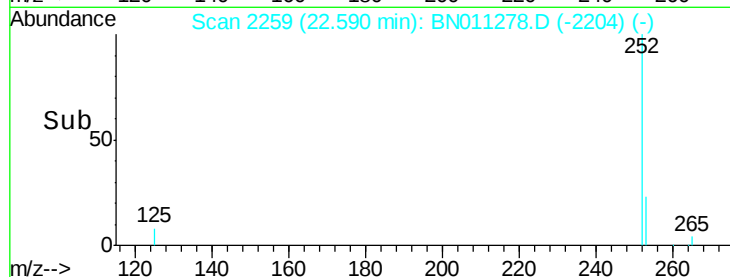
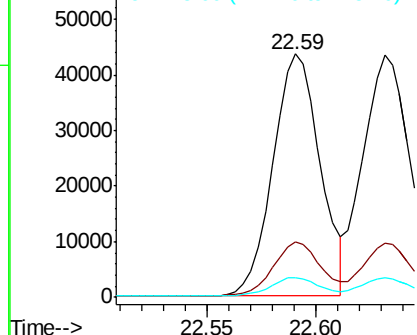
252 100

253 22.5 23.1 34.7#

125 8.1 9.4 14.2#



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: 2.947 ng

RT: 22.63 min Scan# 2271

Delta R.T. 0.00 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

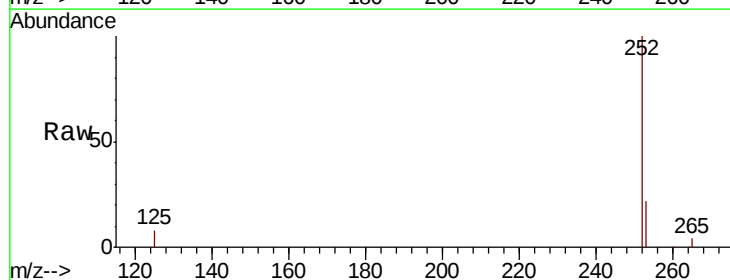
Tgt Ion:252 Resp: 68574

Ion Ratio Lower Upper

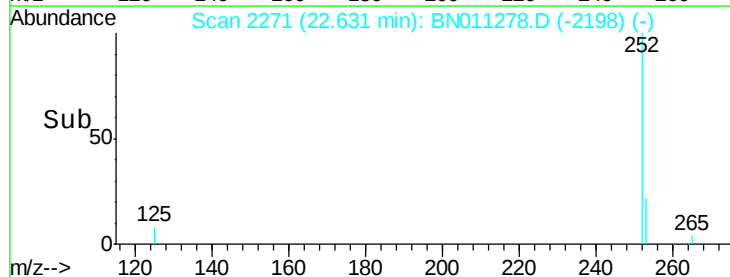
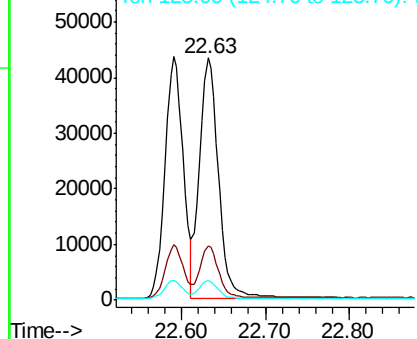
252 100

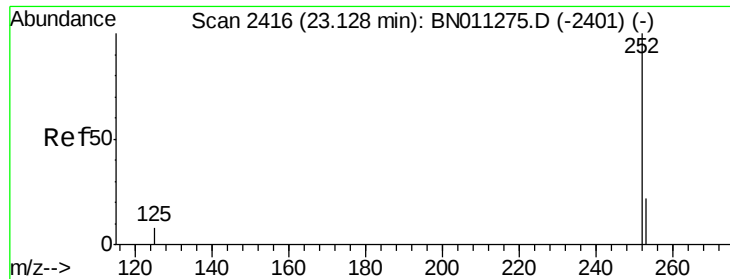
253 22.3 22.9 34.3#

125 8.3 11.3 16.9#



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: 3.011 ng

RT: 23.13 min Scan# 2416

Delta R.T. 0.00 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

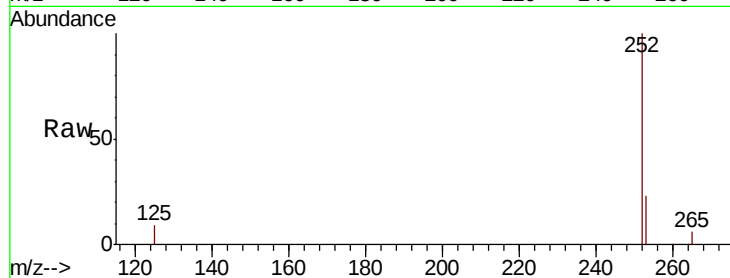
Tot Ion:252 Resp: 55847

Ion Ratio Lower Upper

252 100

253 22.7 26.6 39.8#

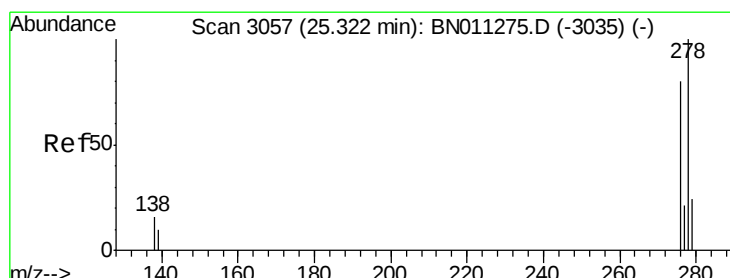
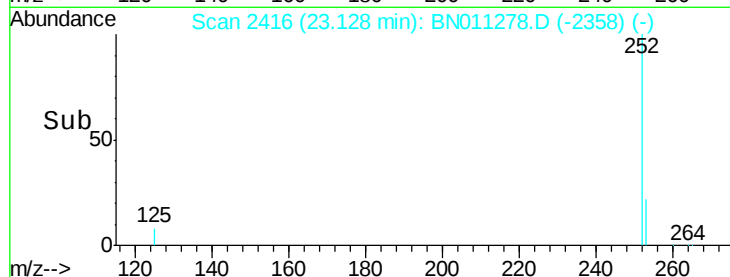
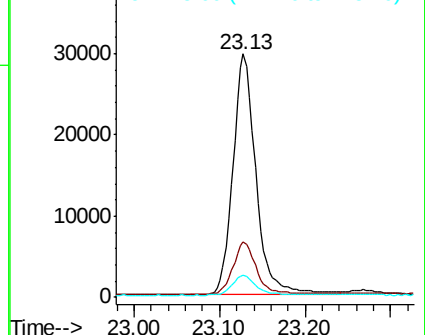
125 9.1 12.7 19.1#



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: 2.940 ng

RT: 25.31 min Scan# 3054

Delta R.T. -0.01 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

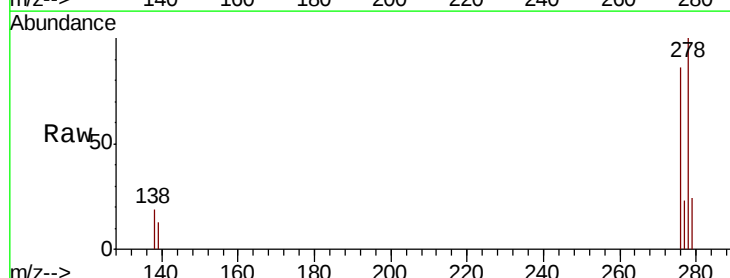
Tgt Ion:278 Resp: 57762

Ion Ratio Lower Upper

278 100

139 13.1 12.4 18.6

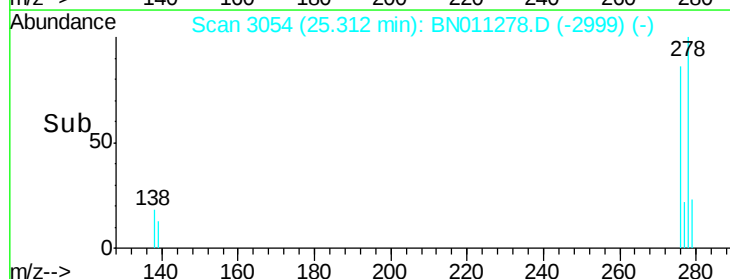
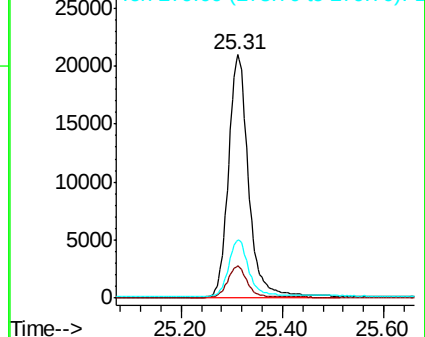
279 23.9 25.8 38.6#

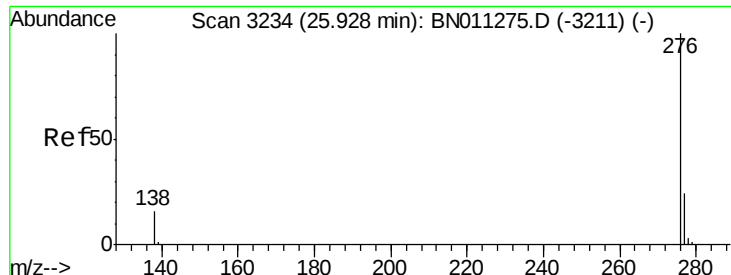


Abundance Ion 278.00 (277.70 to 278.70): E

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: 2.763 ng

RT: 25.93 min Scan# 3234

Delta R.T. 0.00 min

Lab File: BN011278.D

Acq: 28 Jul 2020 13:22

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

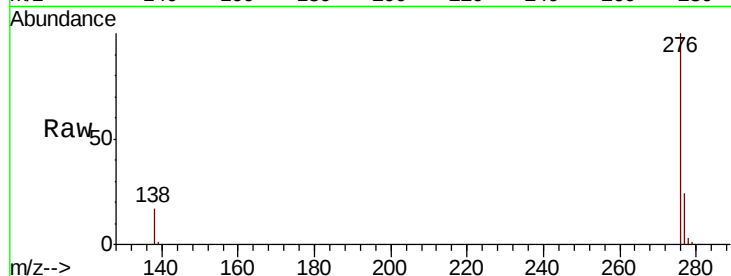
Tot Ion:276 Resp: 59594

Ion Ratio Lower Upper

276 100

277 23.9 21.0 31.6

138 17.2 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

