

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081920\
 Data File : BN011517.D
 Acq On : 19 Aug 2020 15:11
 Operator : CG/JU
 Sample : SSTDICC5.0
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Quant Time: Aug 19 15:45:54 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	1277	0.40	ng	0.00
7) Naphthalene-d8	10.17	136	3885	0.40	ng	0.00
13) Acenaphthene-d10	14.05	164	2379	0.40	ng	-0.01
19) Phenanthrene-d10	16.81	188	5216	0.40	ng	-0.01
29) Chrysene-d12	21.04	240	6678	0.40	ng	-0.01
36) Perylene-d12	23.15	264	5285	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.10	112	13265	3.95	ng	0.00
5) Phenol-d6	6.64	99	16751	4.10	ng	-0.02
8) Nitrobenzene-d5	8.56	82	15685	4.52	ng	-0.03
11) 2-Methylnaphthalene-d10	11.77	152	31739	4.47	ng	-0.01
14) 2,4,6-Tribromophenol	15.56	330	5690	5.18	ng	-0.01
15) 2-Fluorobiphenyl	12.67	172	47330	4.61	ng	-0.01
27) Fluoranthene-d10	18.86	212	74149	4.66	ng	0.00
31) Terphenyl-d14	19.48	244	63673	3.15	ng	0.00

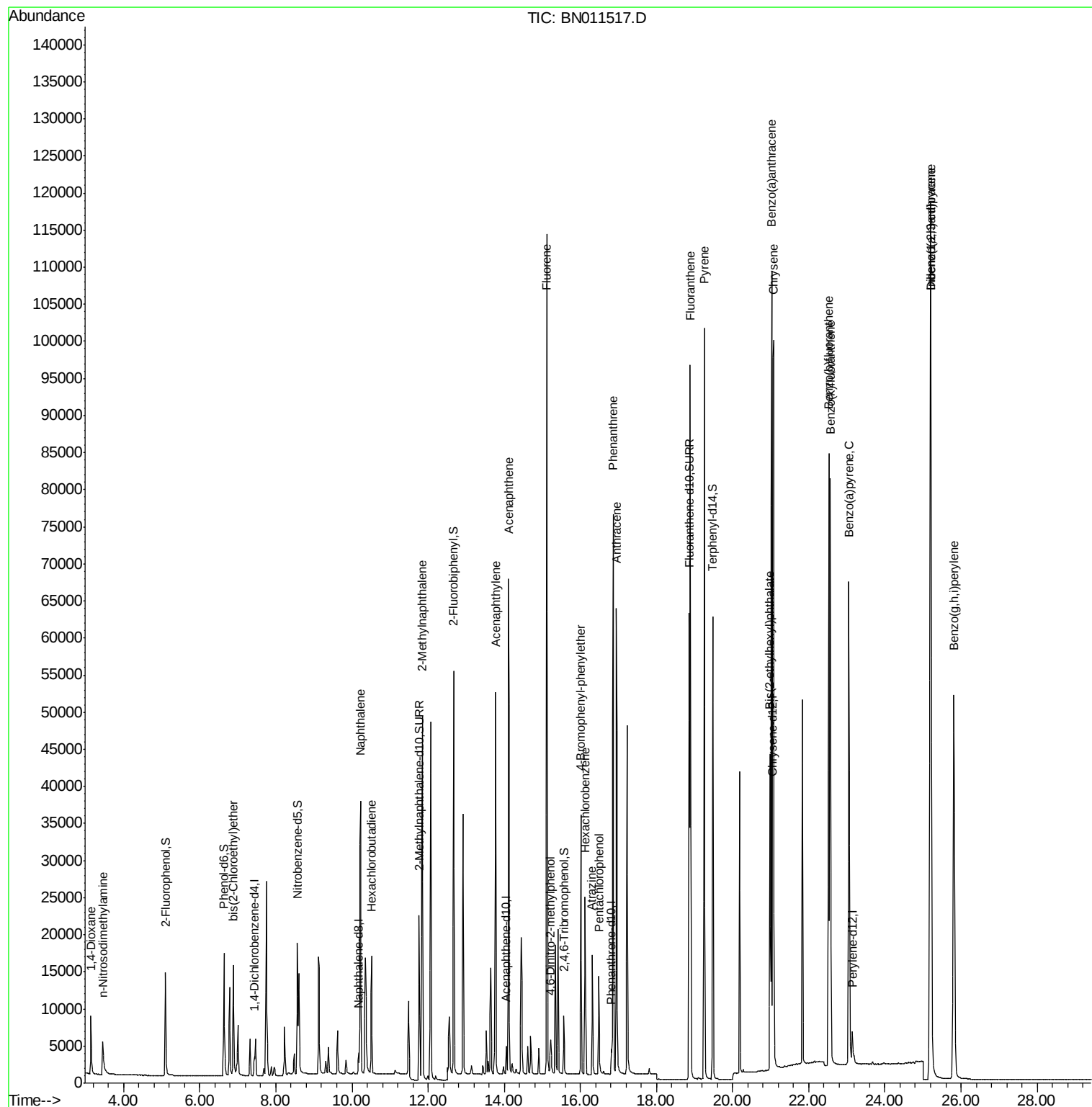
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.14	88	6979	3.882	ng	93
3) n-Nitrosodimethylamine	3.45	42	3646	3.958	ng	# 96
6) bis(2-Chloroethyl)ether	6.89	93	13445	3.960	ng	# 92
9) Naphthalene	10.22	128	50536	4.387	ng	# 94
10) Hexachlorobutadiene	10.52	225	12759	4.573	ng	# 98
12) 2-Methylnaphthalene	11.84	142	36299	4.442	ng	98
16) Acenaphthylene	13.77	152	56873	4.644	ng	99
17) Acenaphthene	14.12	154	35438	4.436	ng	98
18) Fluorene	15.12	166	47411	4.626	ng	97
20) 4,6-Dinitro-2-methylphenol	15.22	198	4716	6.536	ng	# 32
21) 4-Bromophenyl-phenylether	16.02	248	14562	4.211	ng	93
22) Hexachlorobenzene	16.13	284	17097	4.361	ng	98
23) Atrazine	16.31	200	12877	4.782	ng	# 91
24) Pentachlorophenol	16.48	266	6707	5.512	ng	96
25) Phenanthrene	16.86	178	77472	4.564	ng	100
26) Anthracene	16.94	178	70870	5.023	ng	100
28) Fluoranthene	18.89	202	91194	4.725	ng	99
30) Pvrene	19.26	202	91398	3.036	ng	100
32) Benzo(a)anthracene	21.02	228	91663	4.096	ng	97
33) Chrysene	21.08	228	94549	3.766	ng	97
34) Bis(2-ethylhexyl)phthalate	20.98	149	33989	2.832	ng	99
35) Indeno(1,2,3-cd)pyrene	25.20	276	130104	5.306	ng	99
37) Benzo(b)fluoranthene	22.53	252	94783	4.498	ng	# 88
38) Benzo(k)fluoranthene	22.57	252	98847	4.260	ng	# 87
39) Benzo(a)pyrene	23.06	252	85715	4.686	ng	# 83
40) Dibenzo(a,h)anthracene	25.21	278	107348	5.674	ng	91
41) Benzo(g,h,i)perylene	25.81	276	102769	4.899	ng	97

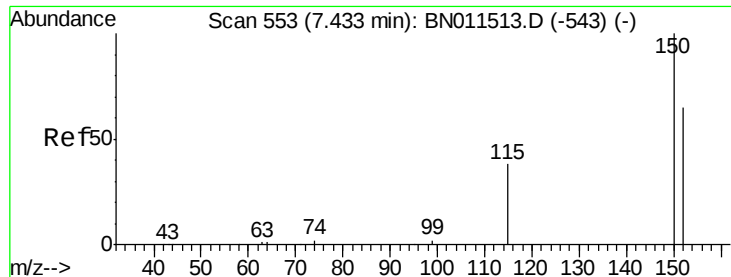
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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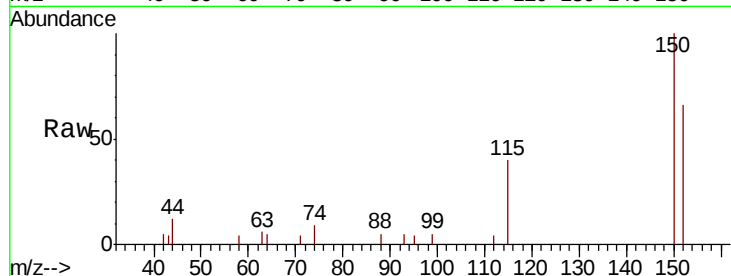




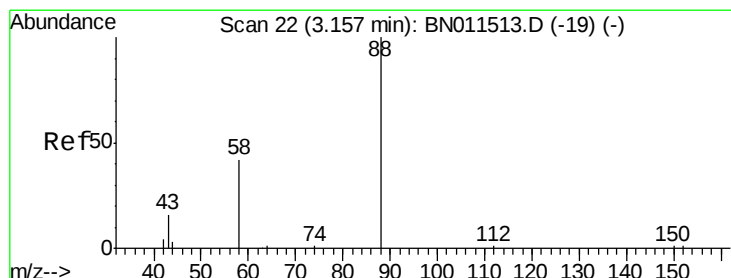
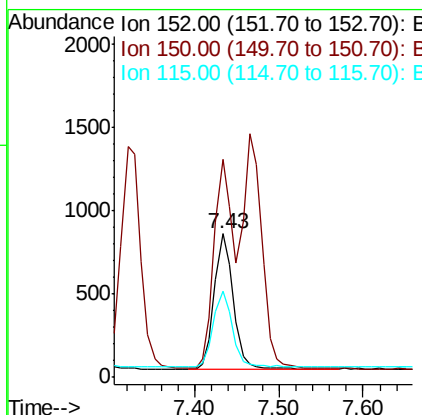
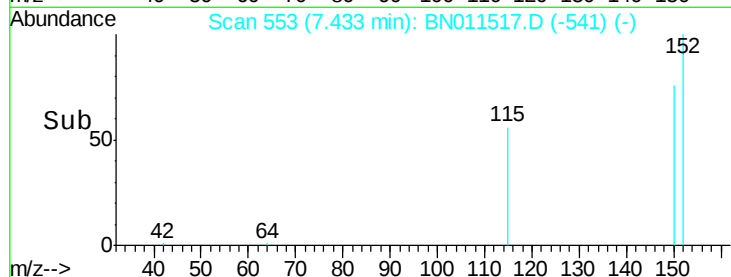
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.43 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: BN011517.D
 Acq: 19 Aug 2020 15:11

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Tot Ion:152 Resp: 1277
 Ion Ratio Lower Upper
 152 100
 150 152.3 121.6 182.4
 115 60.4 51.9 77.9

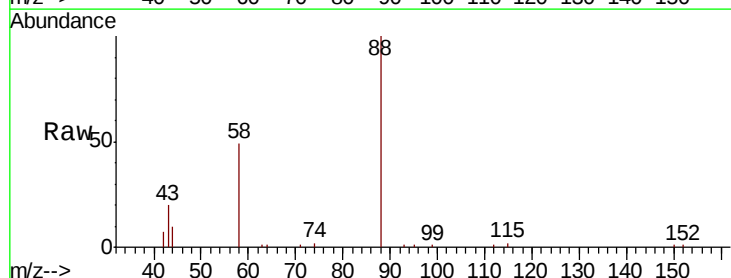


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

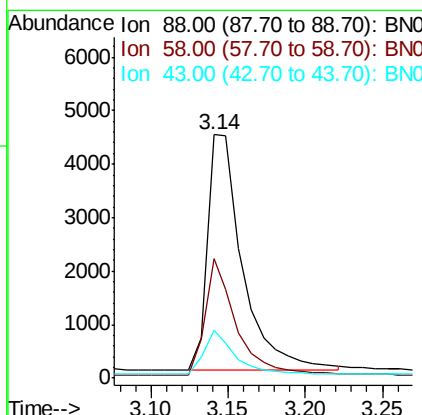
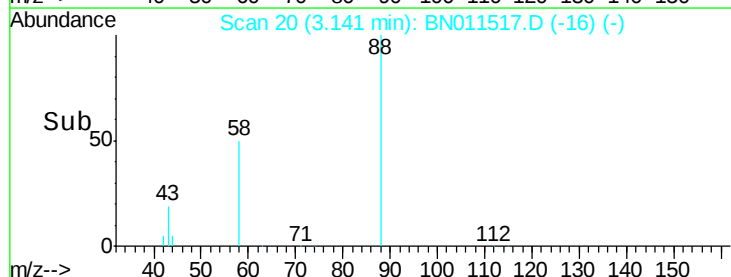


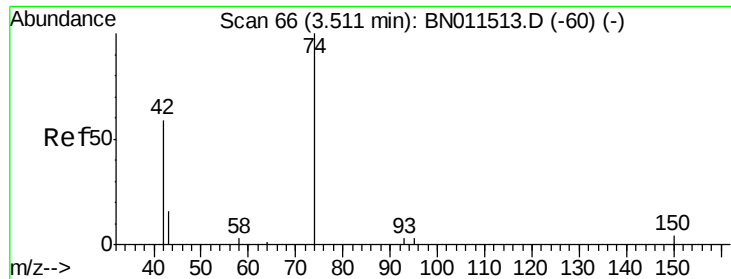
#2
 1,4-Dioxane
 Concen: 3.882 ng
 RT: 3.14 min Scan# 20
 Delta R.T. -0.02 min
 Lab File: BN011517.D
 Acq: 19 Aug 2020 15:11

Tgt Ion: 88 Resp: 6979
 Ion Ratio Lower Upper
 88 100
 58 43.7 38.6 57.8
 43 16.1 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: 3.958 ng

RT: 3.45 min Scan# 58

Delta R.T. -0.06 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

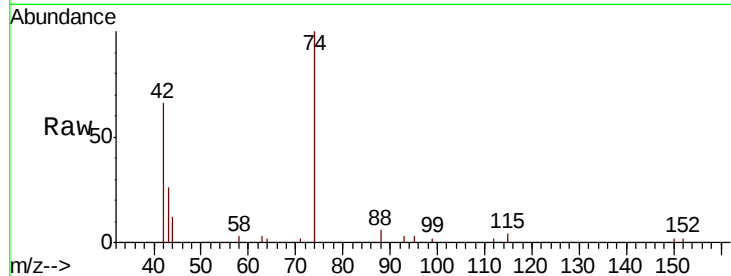
Tot Ion: 42 Resp: 3646

Ion Ratio Lower Upper

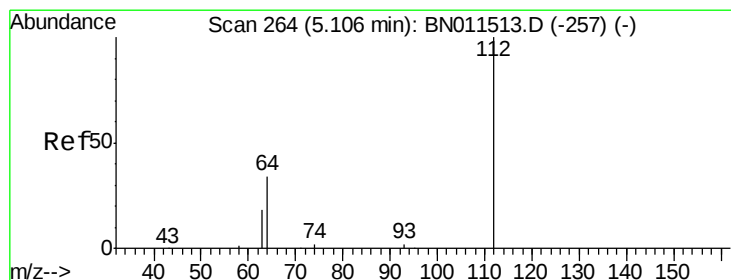
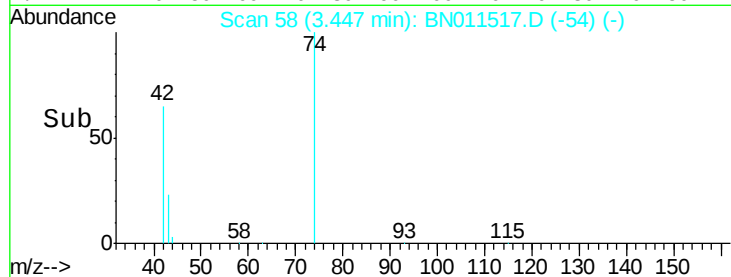
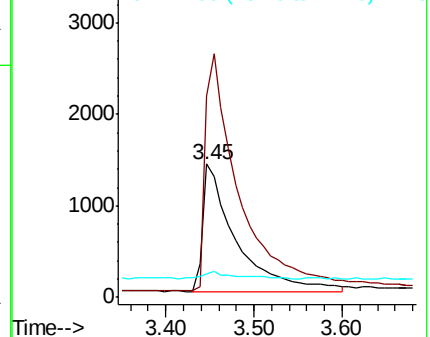
42 100

74 194.0 150.4 225.6

44 2.4 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: 3.955 ng

RT: 5.10 min Scan# 263

Delta R.T. -0.01 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

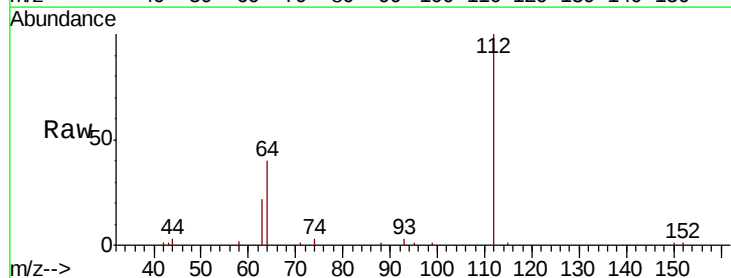
Tgt Ion: 112 Resp: 13265

Ion Ratio Lower Upper

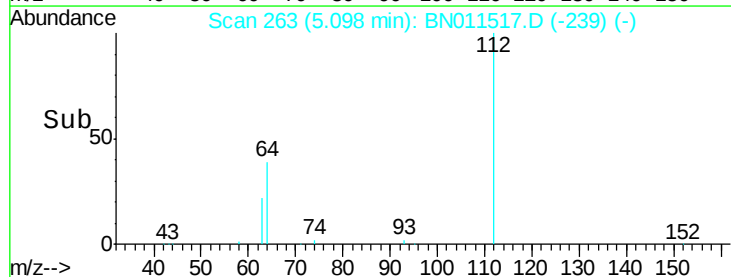
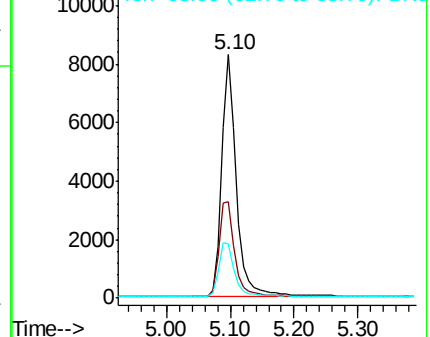
112 100

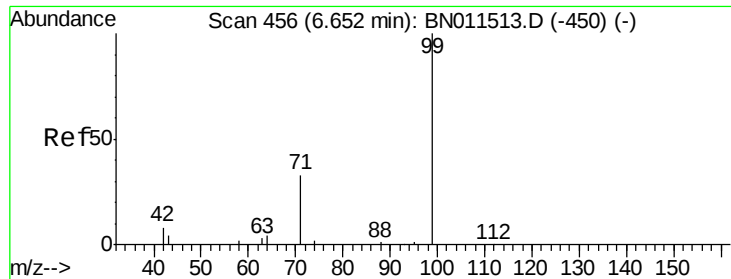
64 42.6 33.8 50.6

63 23.8 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: 4.105 ng

RT: 6.64 min Scan# 454

Delta R.T. -0.02 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

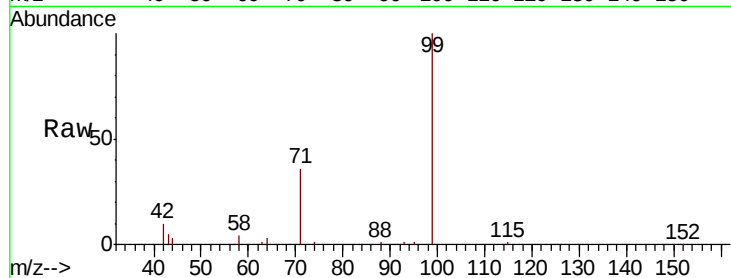
Tot Ion: 99 Resp: 16751

Ion Ratio Lower Upper

99 100

42 12.0 10.0 15.0

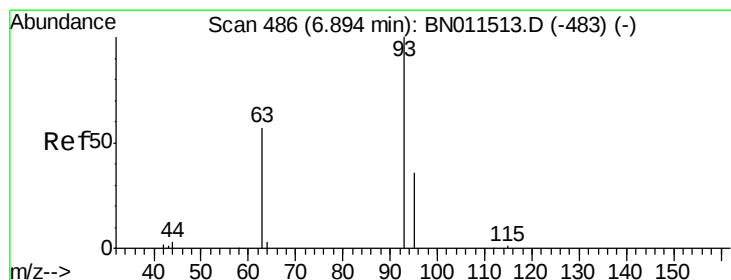
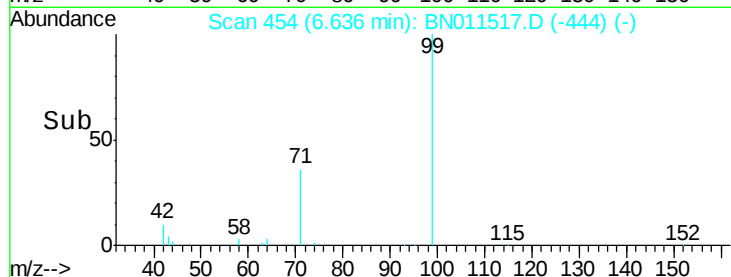
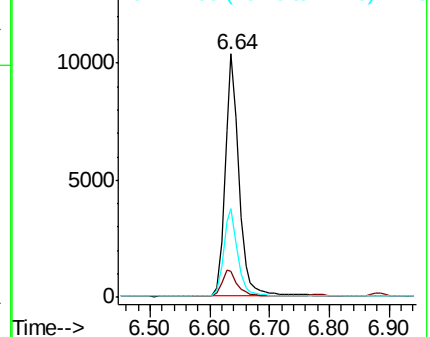
71 36.9 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BN011517.D (-450) (-)

Ion 42.00 (41.70 to 42.70): BN011517.D (-450) (-)

Ion 71.00 (70.70 to 71.70): BN011517.D (-450) (-)



#6

bis(2-Chloroethyl)ether

Concen: 3.960 ng

RT: 6.89 min Scan# 485

Delta R.T. -0.01 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

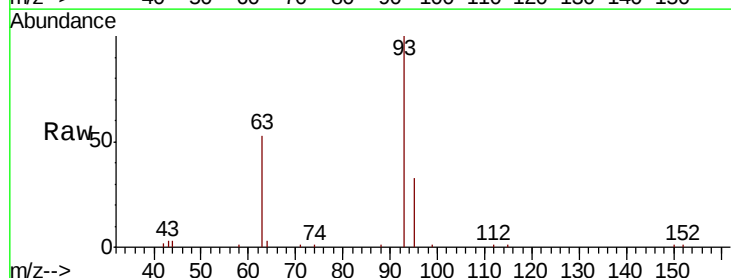
Tgt Ion: 93 Resp: 13445

Ion Ratio Lower Upper

93 100

63 53.7 45.4 68.2

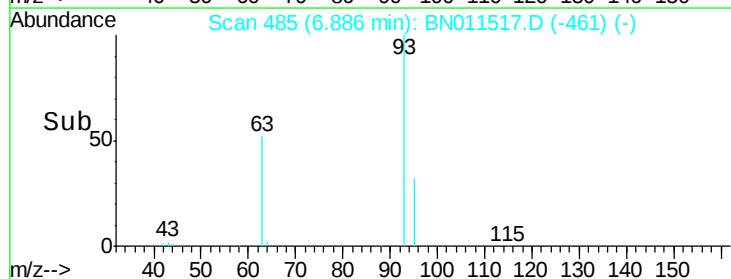
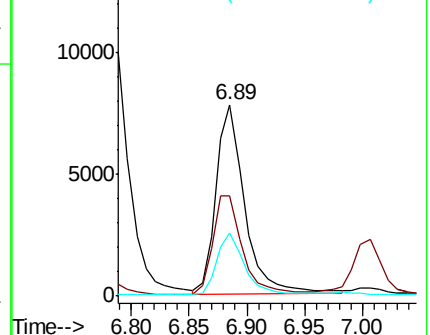
95 31.7 31.8 47.8#

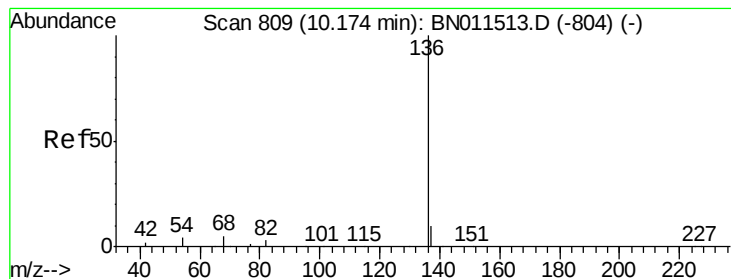


Abundance Ion 93.00 (92.70 to 93.70): BN011517.D (-483) (-)

Ion 63.00 (62.70 to 63.70): BN011517.D (-483) (-)

Ion 95.00 (94.70 to 95.70): BN011517.D (-483) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.17 min Scan# 809

Delta R.T. -0.00 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

Tot Ion:136 Resp: 3885

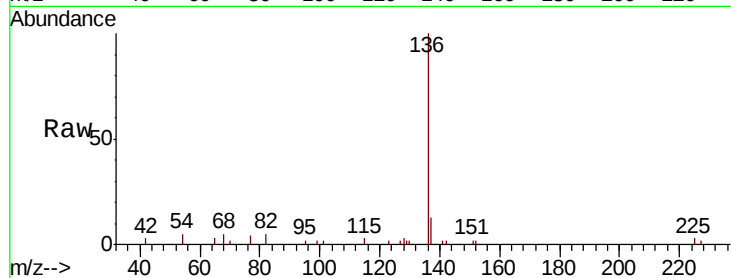
Ion Ratio Lower Upper

136 100

137 12.9 10.3 15.5

54 5.1 5.7 8.5#

68 5.2 6.0 9.0#

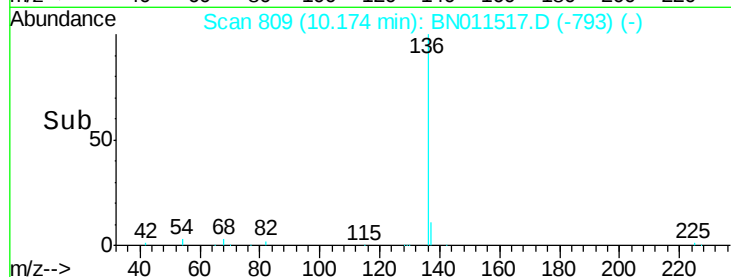


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

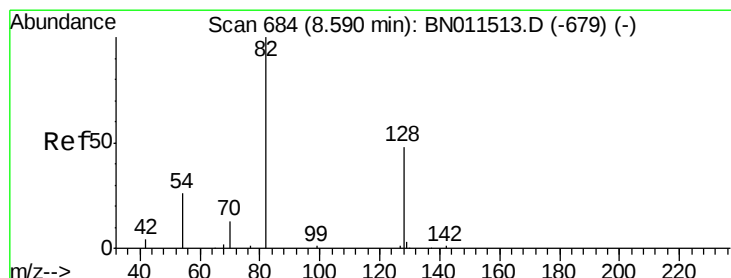
Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->

10.17



#8

Nitrobenzene-d5

Concen: 4.523 ng

RT: 8.56 min Scan# 682

Delta R.T. -0.03 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

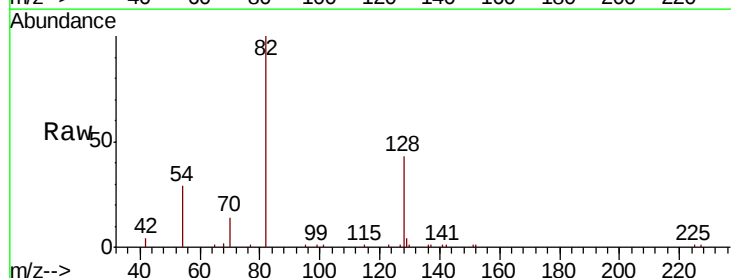
Tgt Ion: 82 Resp: 15685

Ion Ratio Lower Upper

82 100

128 43.5 44.6 66.8#

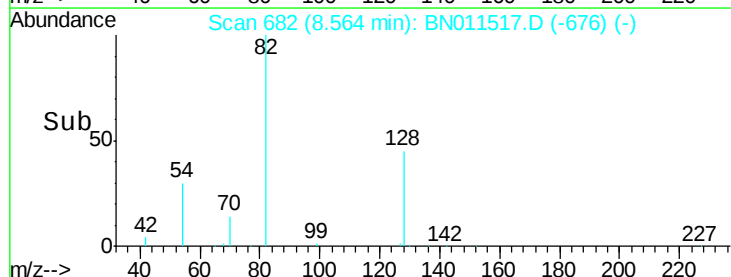
54 29.4 27.6 41.4



Abundance Ion 82.00 (81.70 to 82.70): BNC

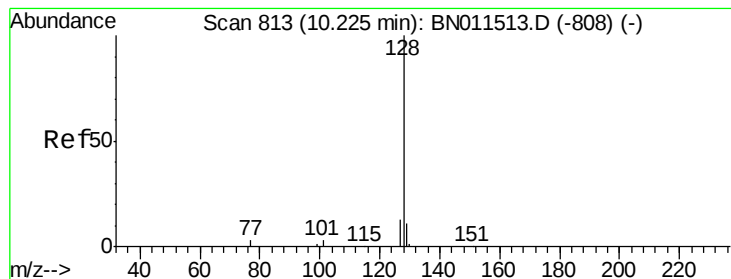
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->

8.56



#9

Naphthalene

Concen: 4.387 ng

RT: 10.22 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

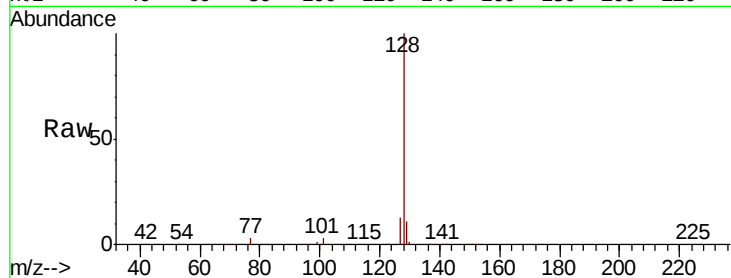
Tot Ion:128 Resp: 50536

Ion Ratio Lower Upper

128 100

129 11.0 11.1 16.7#

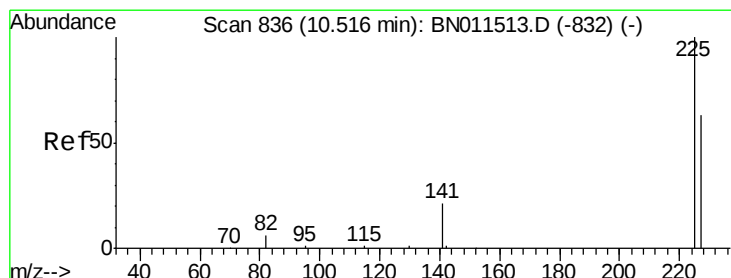
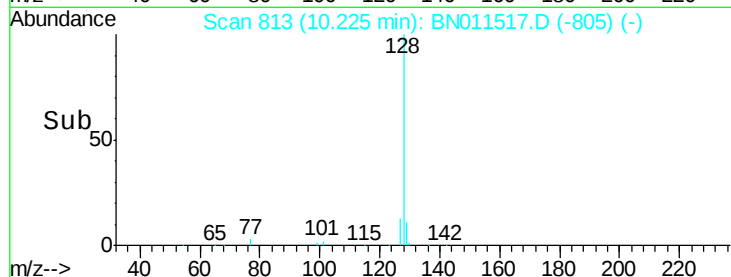
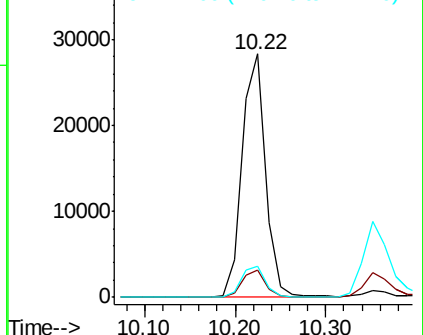
127 12.9 12.2 18.4



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: 4.573 ng

RT: 10.52 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

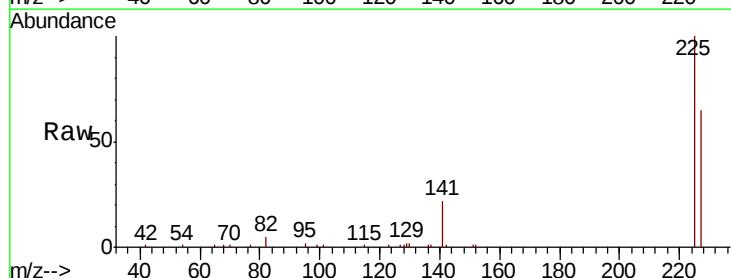
Tgt Ion:225 Resp: 12759

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

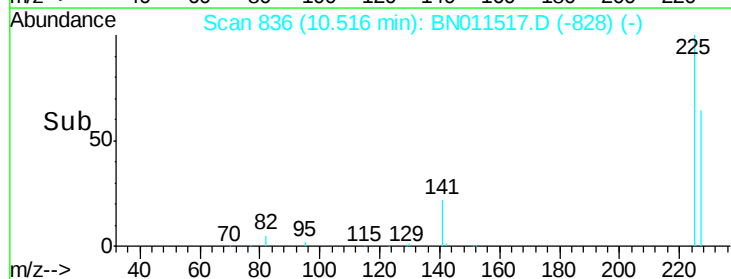
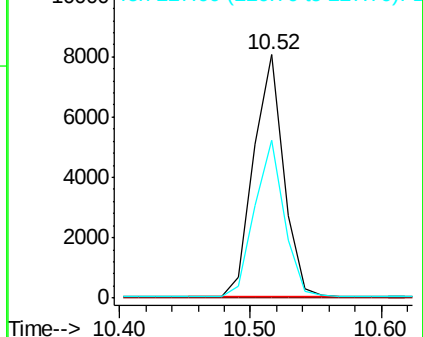
227 63.9 50.1 75.1

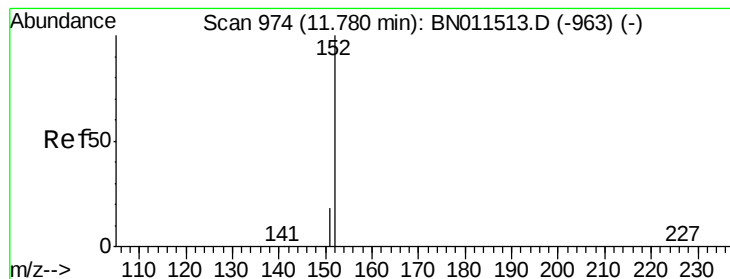


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 4.474 ng

RT: 11.77 min Scan# 971

Delta R.T. -0.01 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

Instrument :

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ClientSampleId :

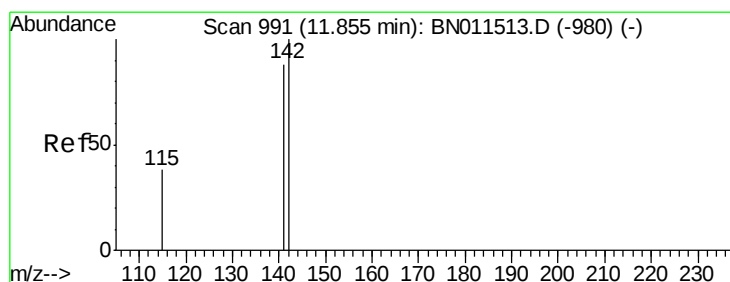
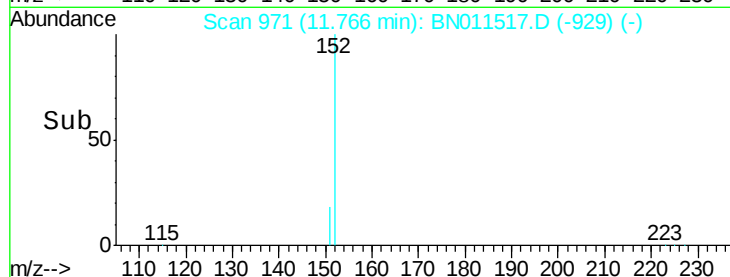
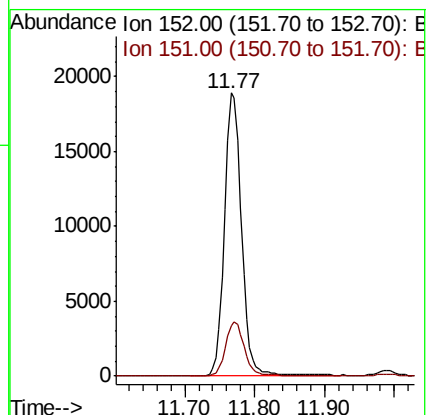
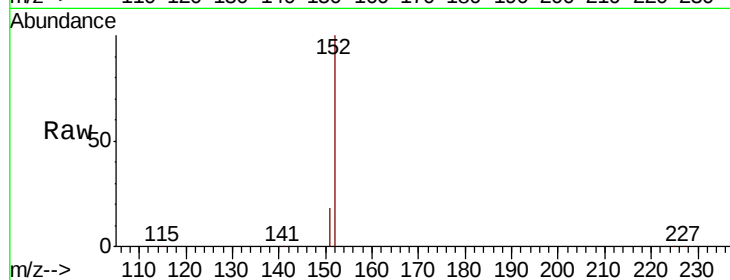
SSTDICC5.0

Tot Ion:152 Resp: 31739

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4



#12

2-Methylnaphthalene

Concen: 4.442 ng

RT: 11.84 min Scan# 988

Delta R.T. -0.01 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

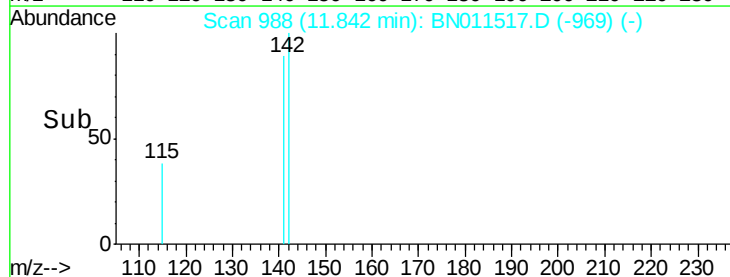
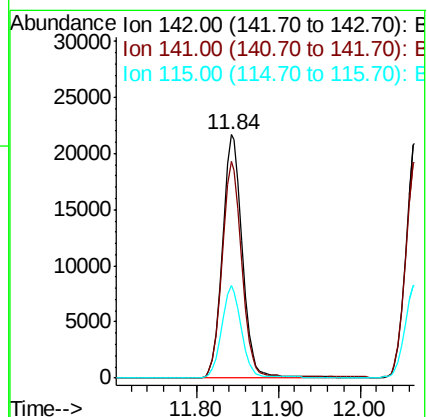
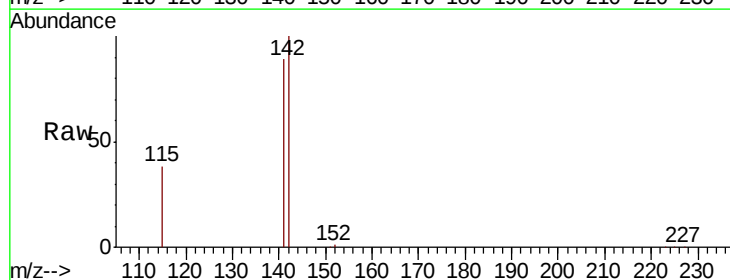
Tgt Ion:142 Resp: 36299

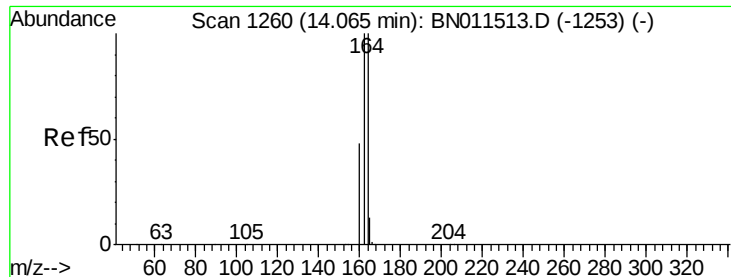
Ion Ratio Lower Upper

142 100

141 88.8 70.9 106.3

115 37.9 33.2 49.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.05 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

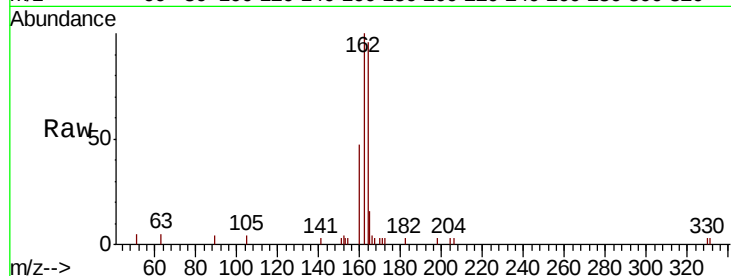
Tot Ion:164 Resp: 2379

Ion Ratio Lower Upper

164 100

162 104.5 79.8 119.8

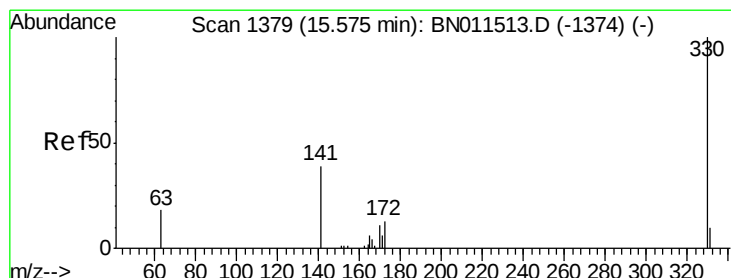
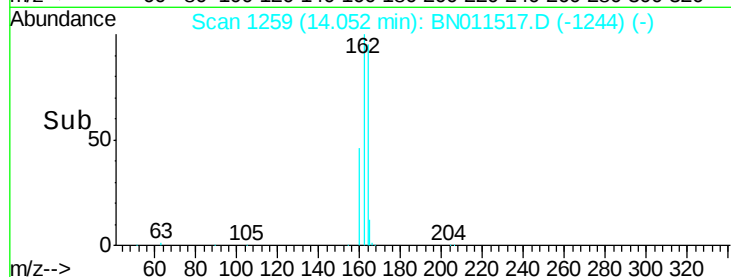
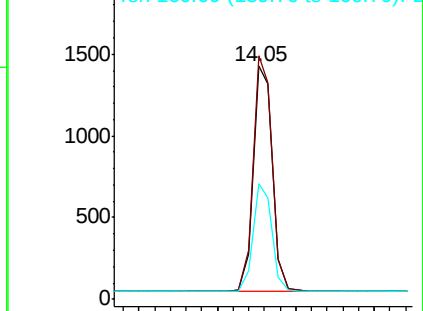
160 49.5 39.6 59.4



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: 5.184 ng

RT: 15.56 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

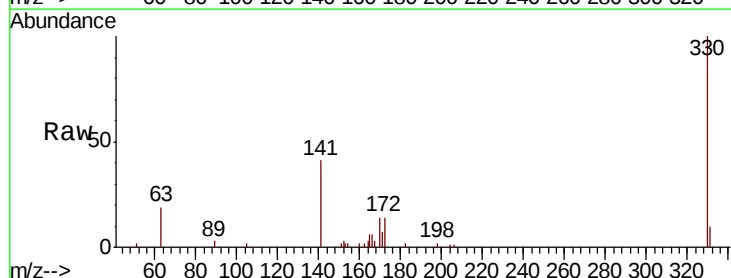
Tgt Ion:330 Resp: 5690

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

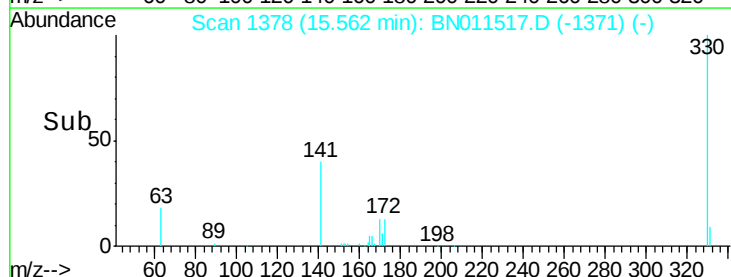
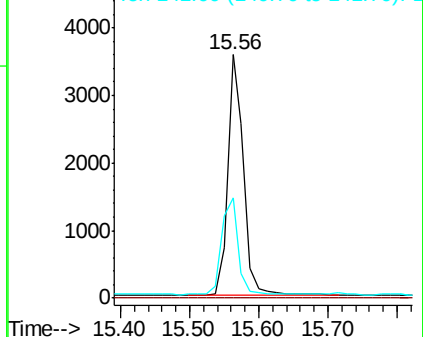
141 41.8 35.8 53.6

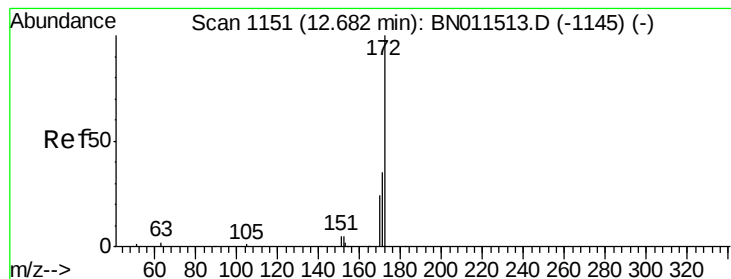


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 4.608 ng

RT: 12.67 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

Instrument :

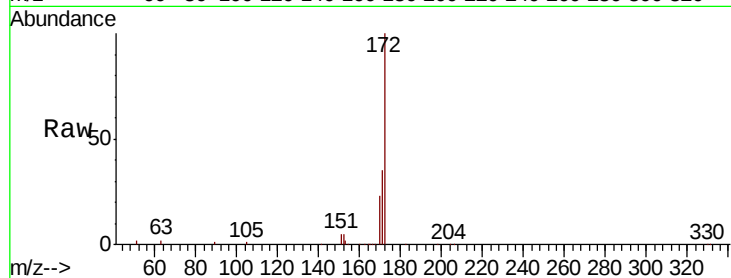
BNA_N

ClientSampleId :

SSTDICC5.0

Tot Ion:172 Resp: 47330

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.5	44.3
170	23.3	20.9	31.3

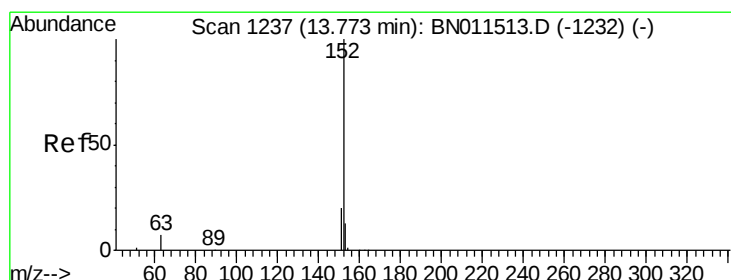
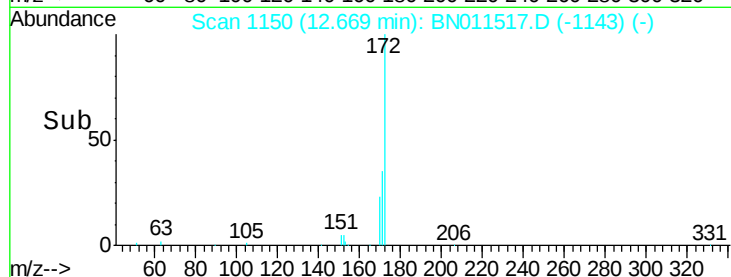
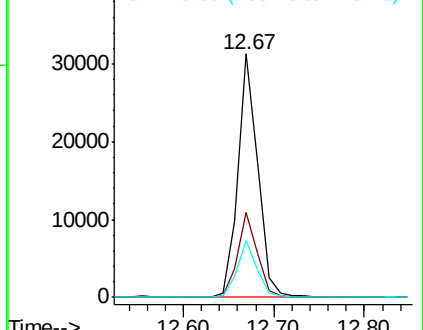


Abundance

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: 4.644 ng

RT: 13.77 min Scan# 1237

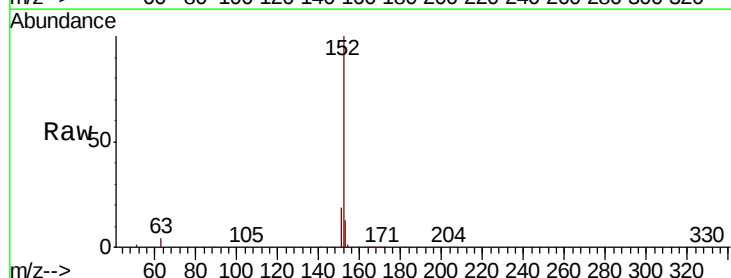
Delta R.T. -0.00 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

Tgt Ion:152 Resp: 56873

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.6
153	13.0	10.1	15.1

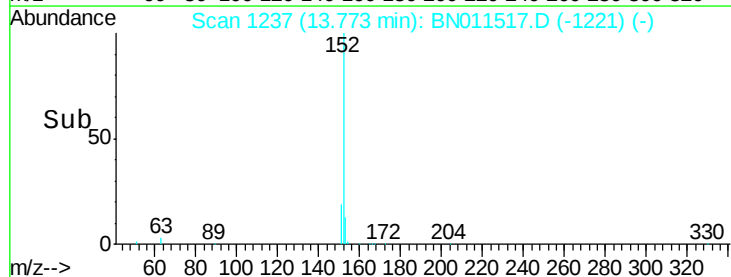
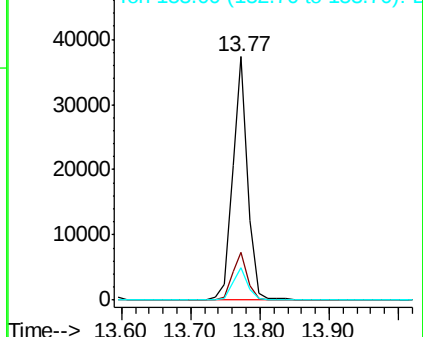


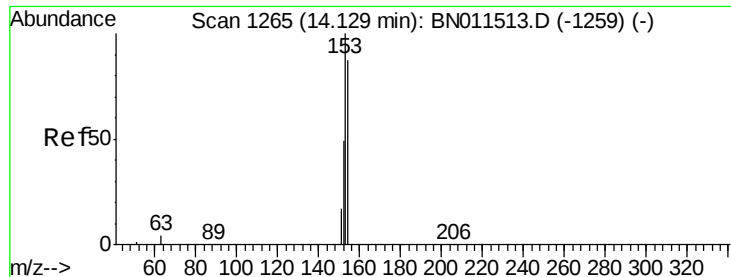
Abundance

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: 4.436 ng

RT: 14.12 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

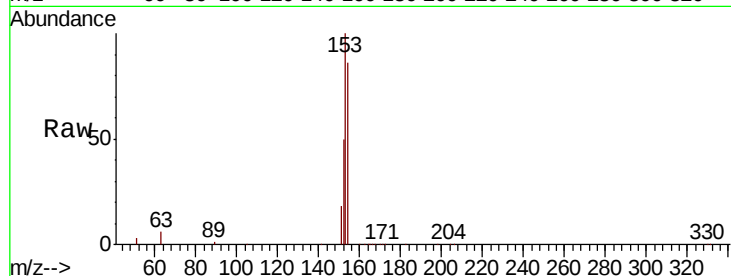
Tot Ion:154 Resp: 35438

Ion Ratio Lower Upper

154 100

153 114.2 92.1 138.1

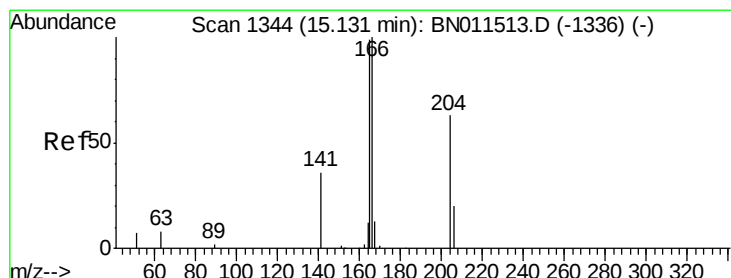
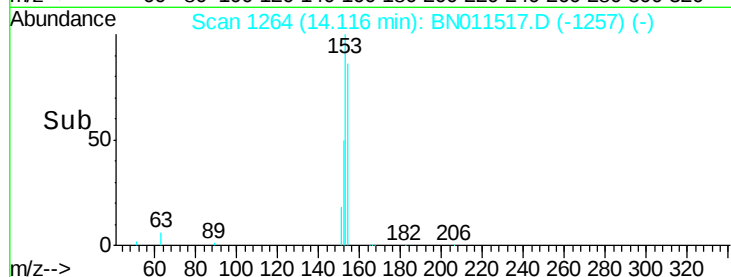
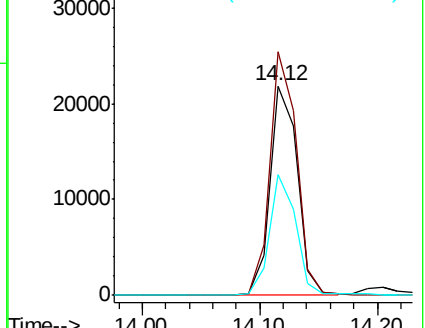
152 55.8 46.4 69.6



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: 4.626 ng

RT: 15.12 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

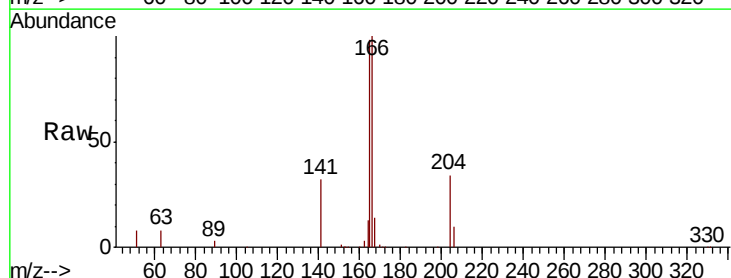
Tgt Ion:166 Resp: 47411

Ion Ratio Lower Upper

166 100

165 97.5 80.4 120.6

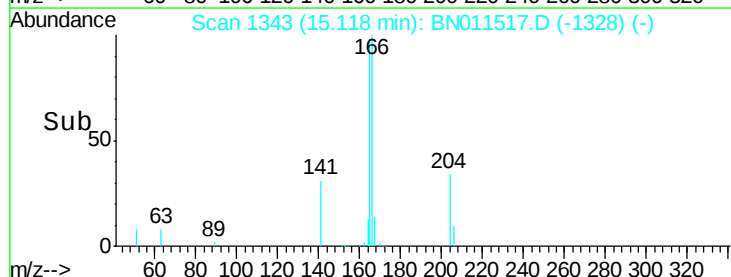
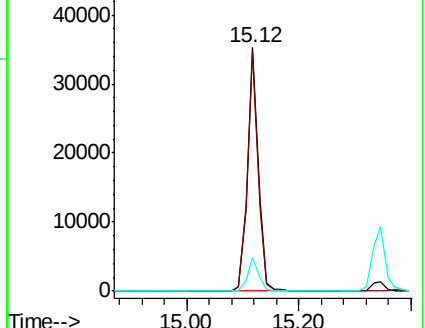
167 13.5 10.7 16.1

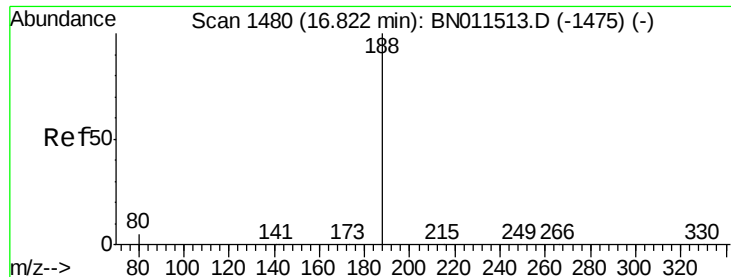


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.81 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

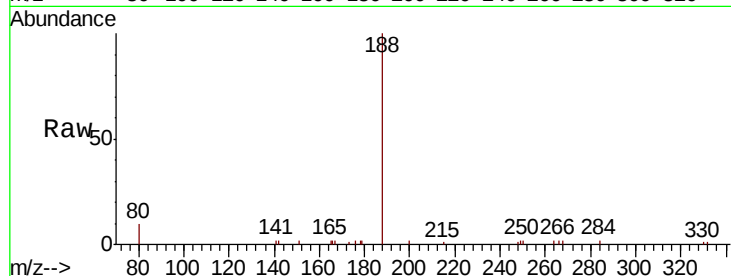
Tot Ion:188 Resp: 5216

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

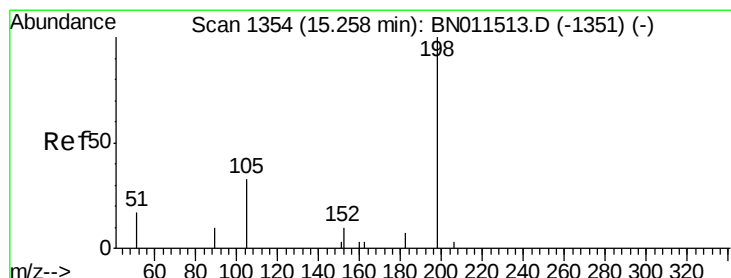
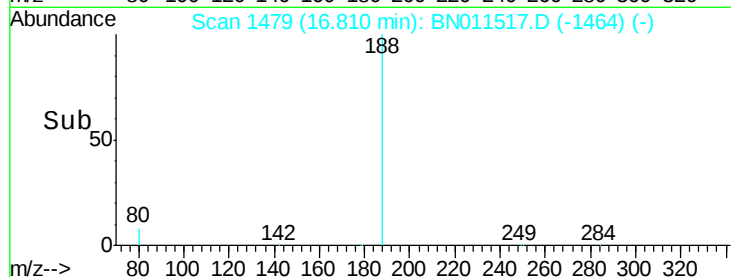
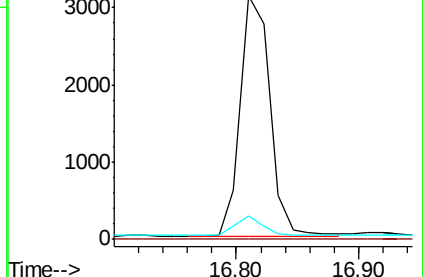
80 9.9 5.4 8.2#



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: 6.536 ng

RT: 15.22 min Scan# 1351

Delta R.T. -0.04 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

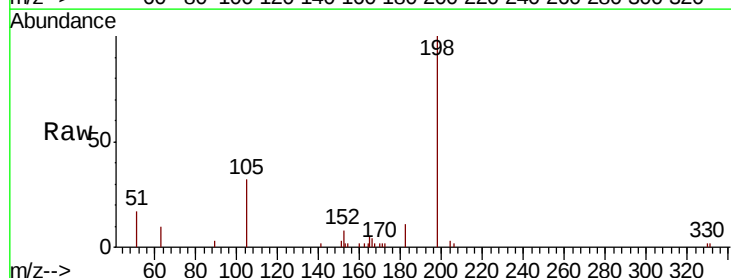
Tgt Ion:198 Resp: 4716

Ion Ratio Lower Upper

198 100

51 17.4 75.8 113.6#

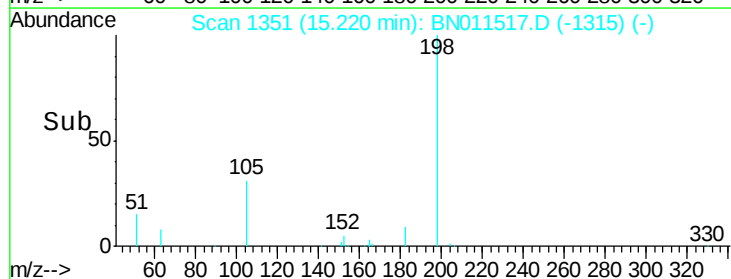
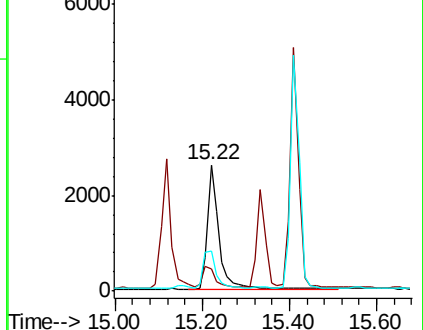
105 32.3 65.3 97.9#

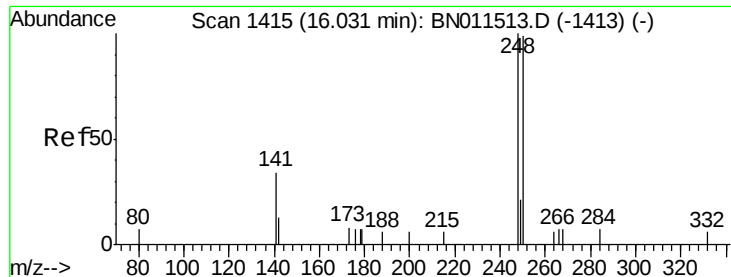


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 4.211 ng

RT: 16.02 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

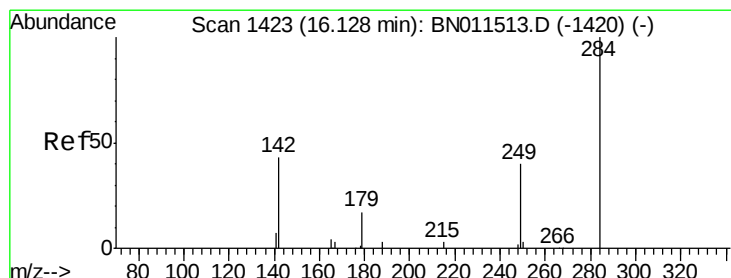
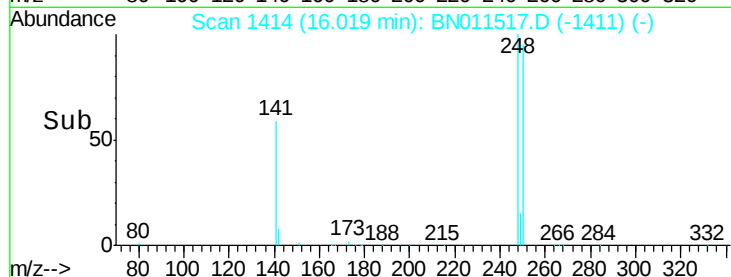
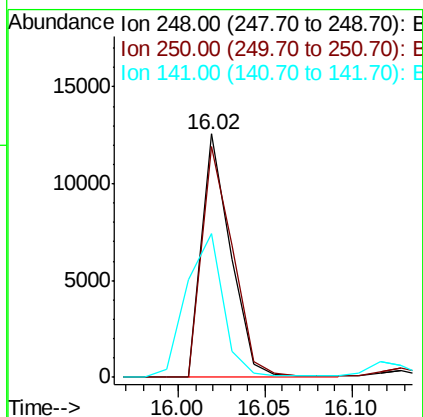
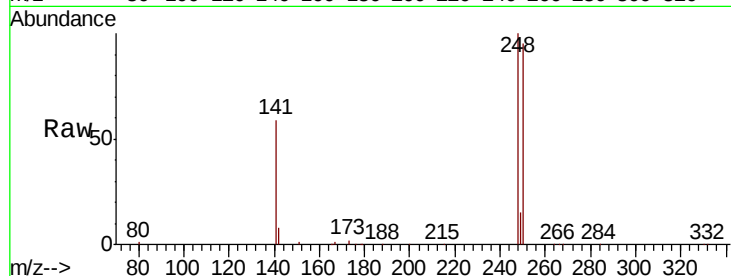
Tot Ion:248 Resp: 14562

Ion Ratio Lower Upper

248 100

250 94.9 79.4 119.0

141 59.2 40.8 61.2



#22

Hexachlorobenzene

Concen: 4.361 ng

RT: 16.13 min Scan# 1423

Delta R.T. -0.00 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

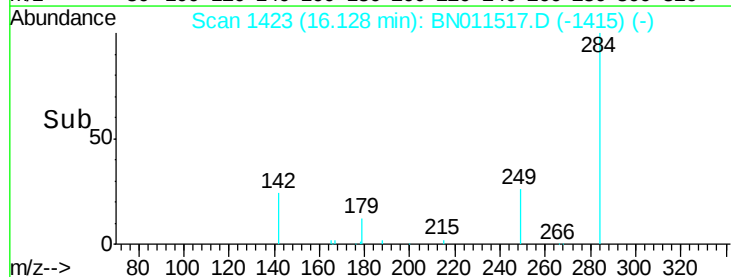
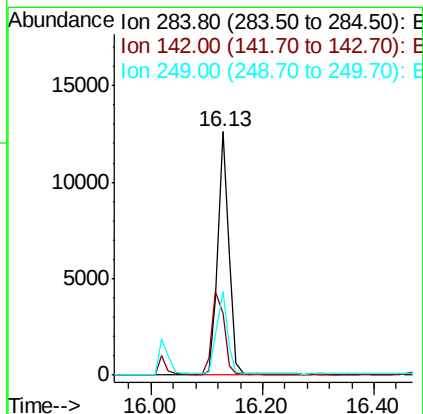
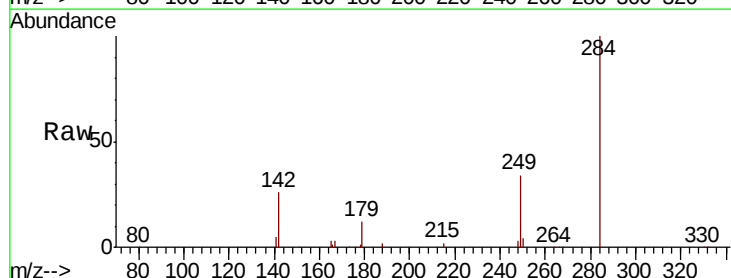
Tgt Ion:284 Resp: 17097

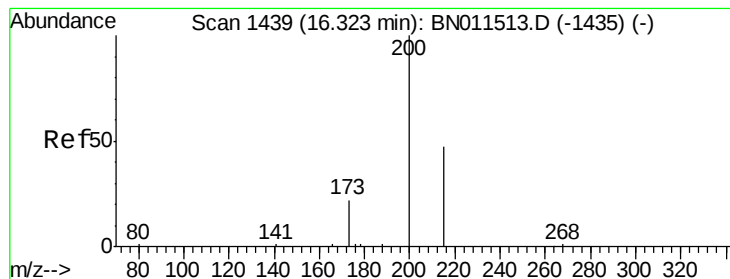
Ion Ratio Lower Upper

284 100

142 37.6 31.7 47.5

249 34.2 27.4 41.2





#23

Atrazine

Concen: 4.782 ng

RT: 16.31 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

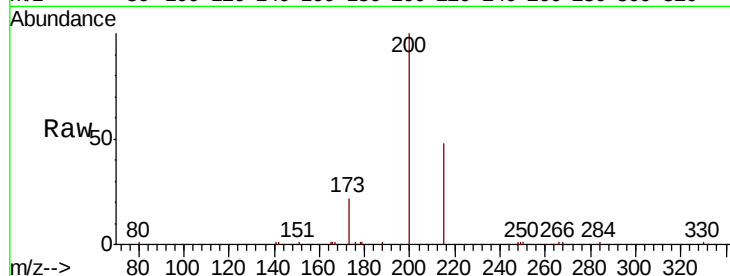
Tot Ion:200 Resp: 12877

Ion Ratio Lower Upper

200 100

173 22.1 24.0 36.0#

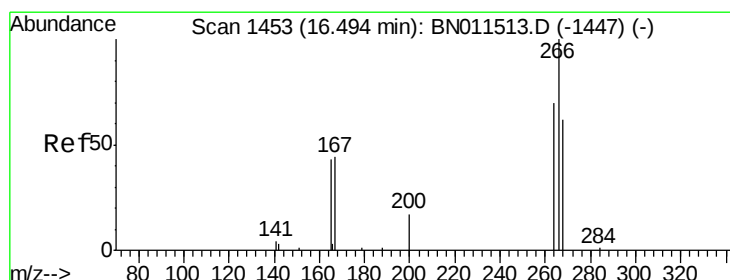
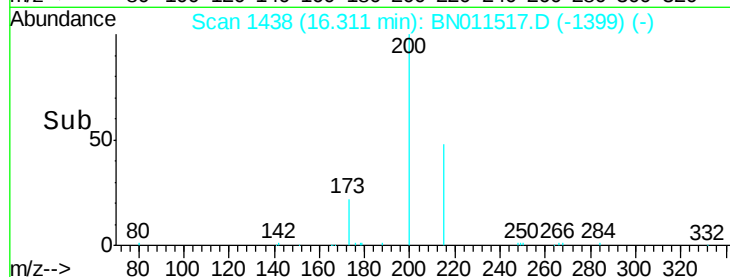
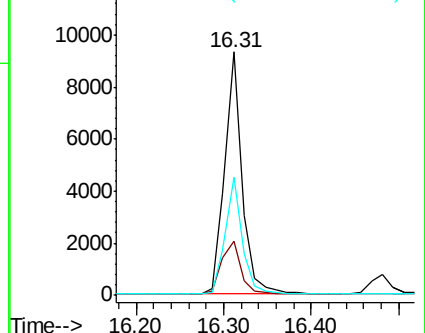
215 48.5 42.2 63.4



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: 5.512 ng

RT: 16.48 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

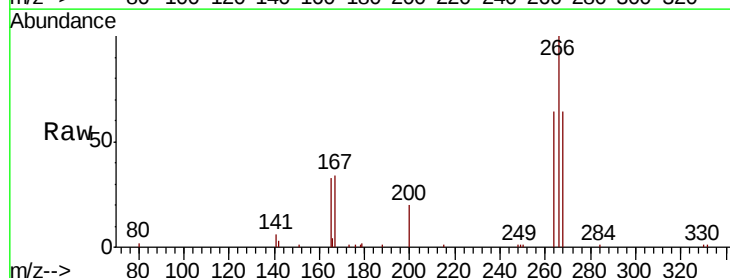
Tgt Ion:266 Resp: 6707

Ion Ratio Lower Upper

266 100

264 63.4 53.7 80.5

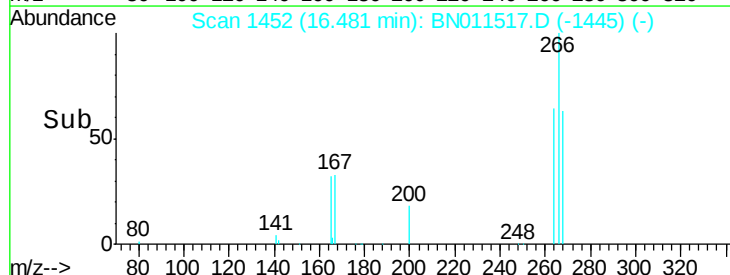
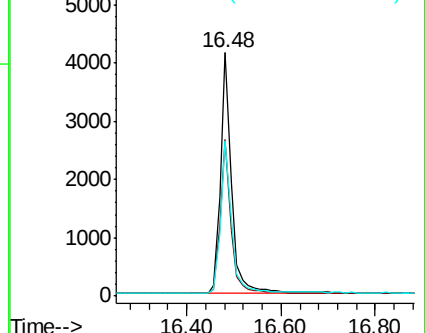
268 63.4 53.0 79.4

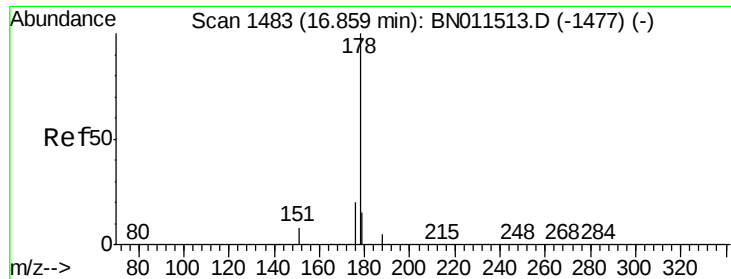


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 4.564 ng

RT: 16.86 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

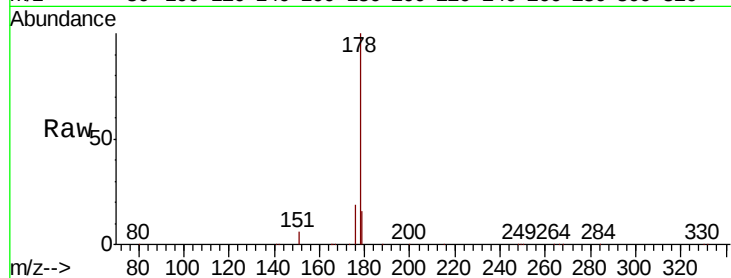
Tot Ion:178 Resp: 77472

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

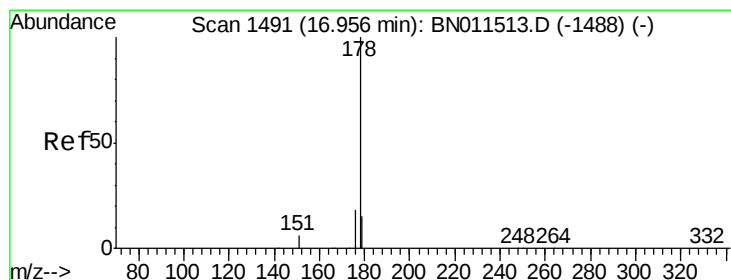
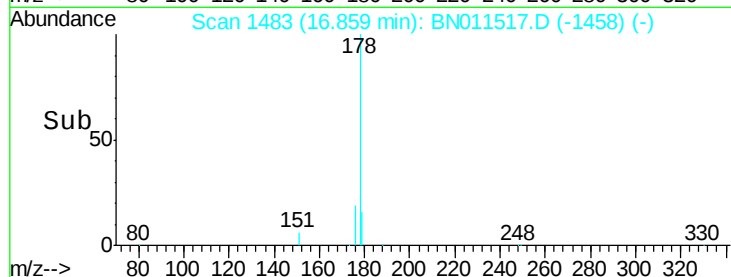
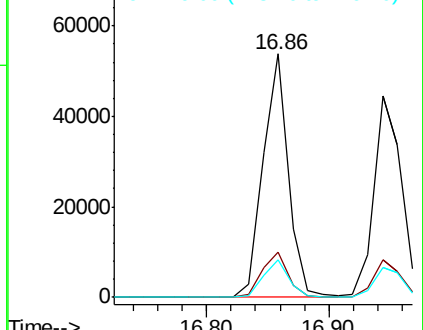
179 15.4 12.3 18.5



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: 5.023 ng

RT: 16.94 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

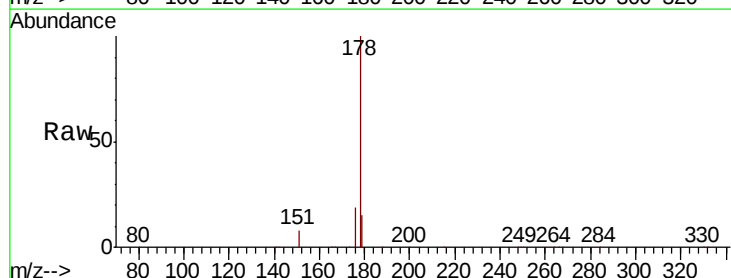
Tgt Ion:178 Resp: 70870

Ion Ratio Lower Upper

178 100

176 18.1 14.4 21.6

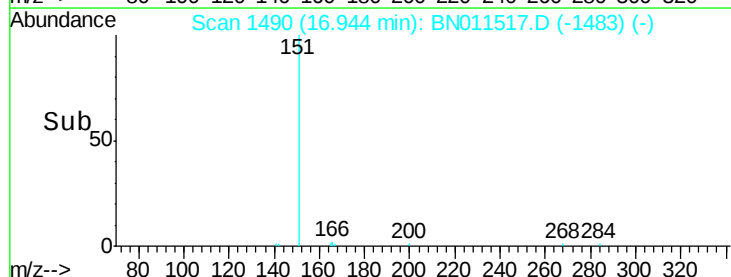
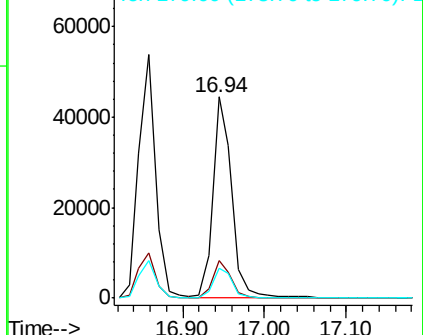
179 15.3 12.2 18.2

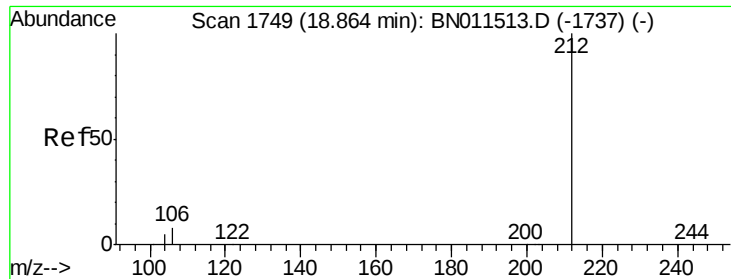


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

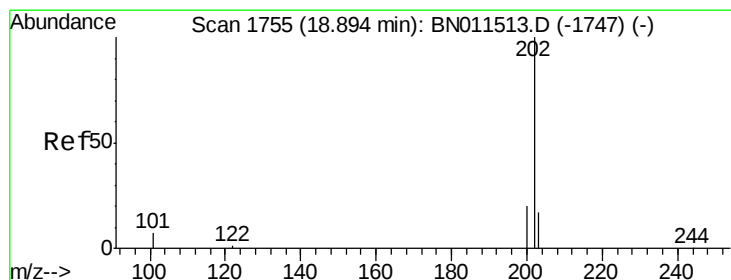
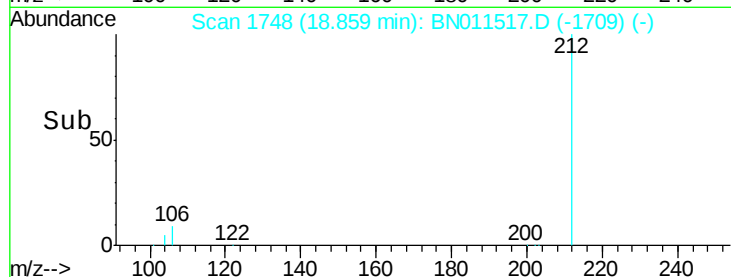
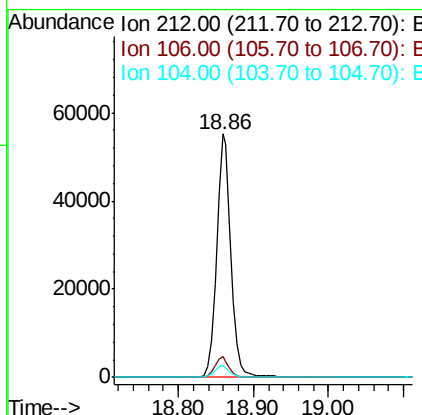
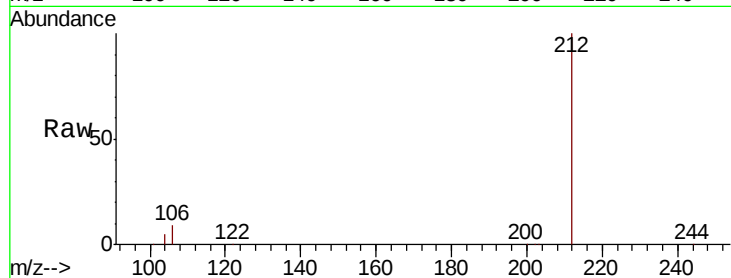




#27
 Fluoranthene-d10
 Concen: 4.656 ng
 RT: 18.86 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BN011517.D
 Acq: 19 Aug 2020 15:11

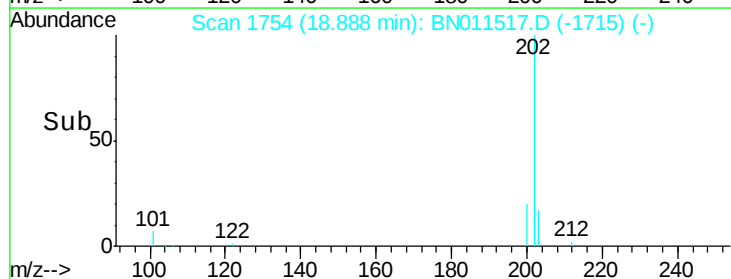
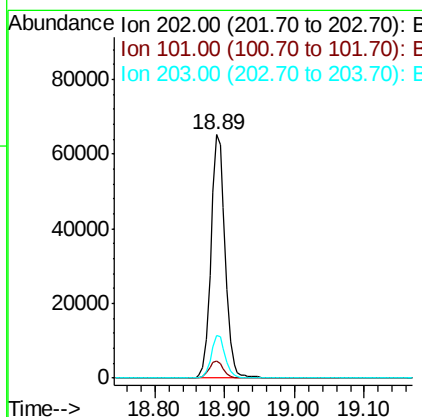
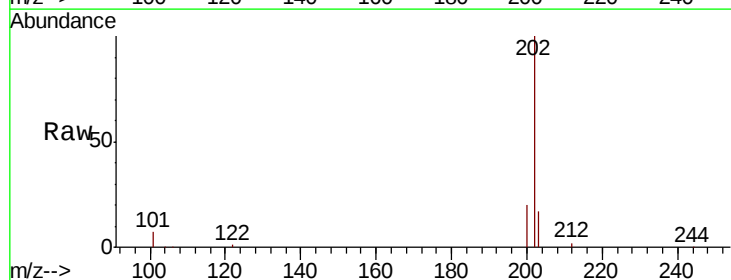
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

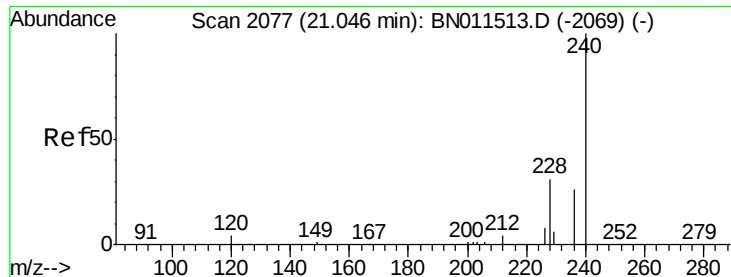
Tot Ion:212 Resp: 74149
 Ion Ratio Lower Upper
 212 100
 106 8.3 6.0 9.0
 104 4.8 3.7 5.5



#28
 Fluoranthene
 Concen: 4.725 ng
 RT: 18.89 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BN011517.D
 Acq: 19 Aug 2020 15:11

Tgt Ion:202 Resp: 91194
 Ion Ratio Lower Upper
 202 100
 101 7.2 5.1 7.7
 203 17.4 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.04 min Scan# 2076

Delta R.T. -0.01 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

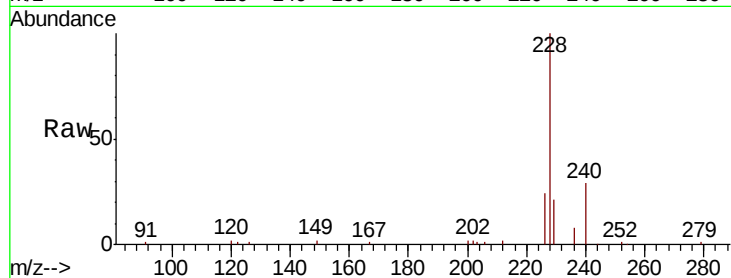
Tot Ion:240 Resp: 6678

Ion Ratio Lower Upper

240 100

120 8.0 6.0 9.0

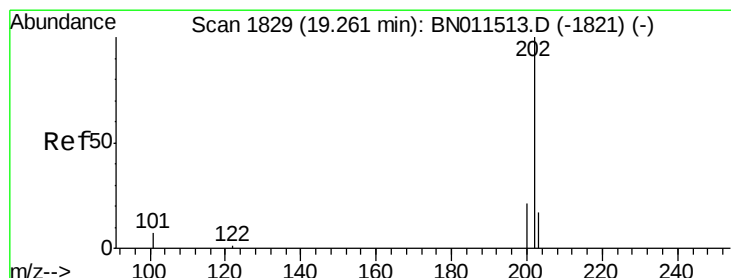
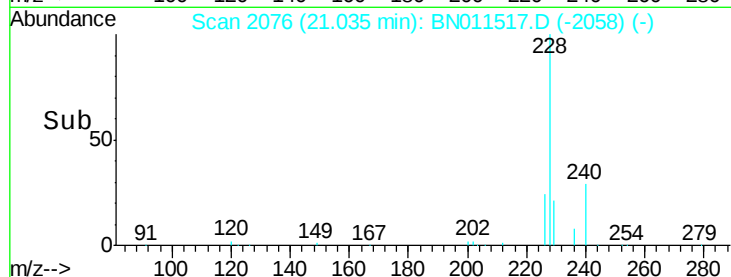
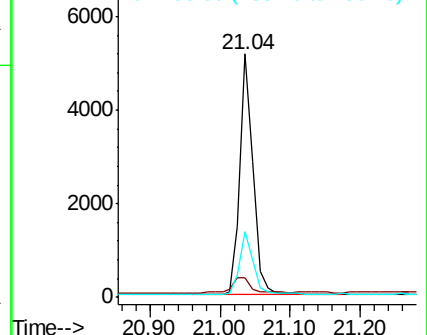
236 27.1 22.6 33.8



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: 3.036 ng

RT: 19.26 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

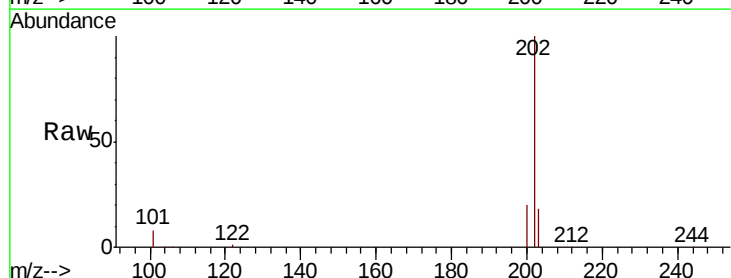
Tgt Ion:202 Resp: 91398

Ion Ratio Lower Upper

202 100

200 20.5 16.6 25.0

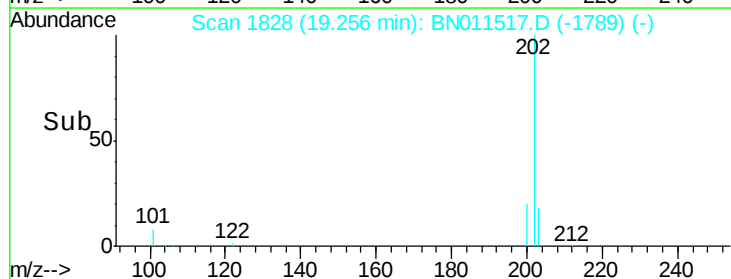
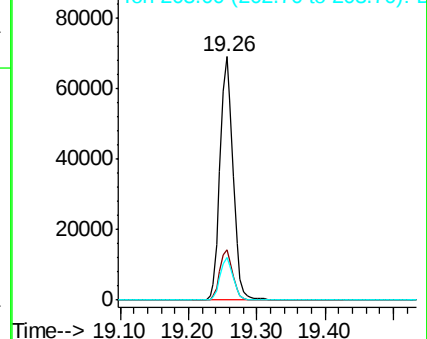
203 17.5 13.9 20.9

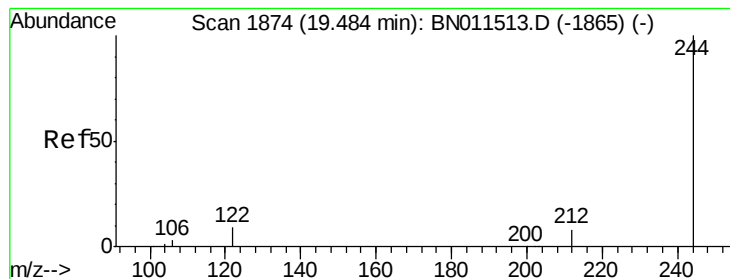


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 3.149 ng

RT: 19.48 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

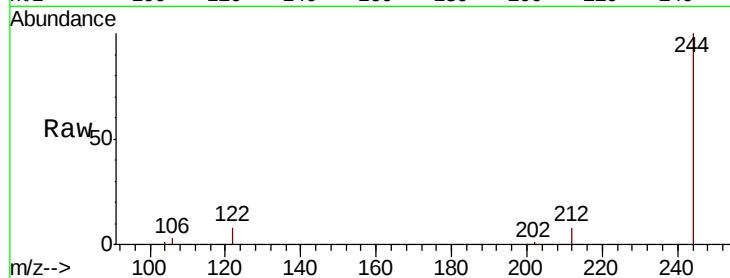
Tot Ion:244 Resp: 63673

Ion Ratio Lower Upper

244 100

212 8.2 8.2 12.4#

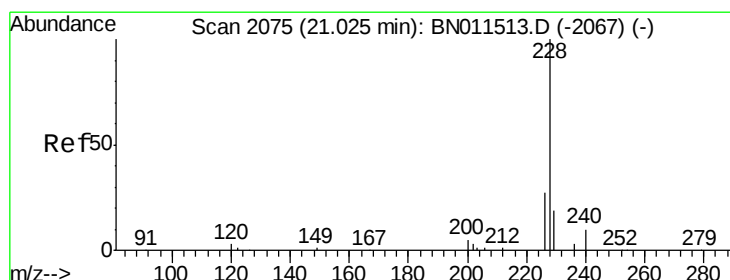
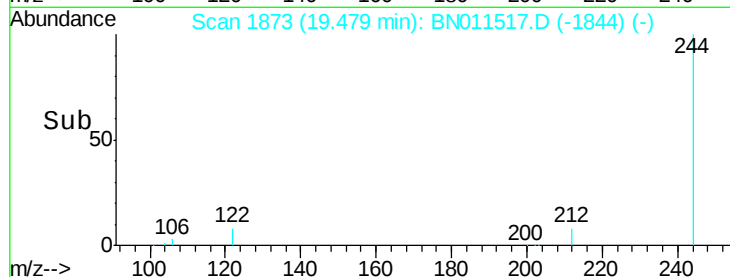
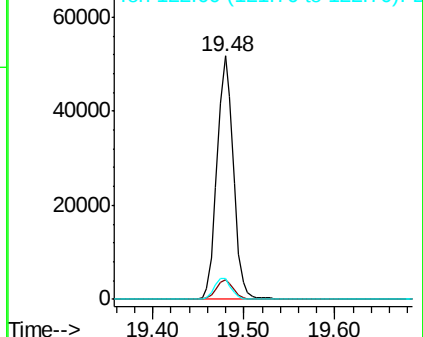
122 8.3 8.4 12.6#



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



#32

Benzo(a)anthracene

Concen: 4.096 ng

RT: 21.02 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

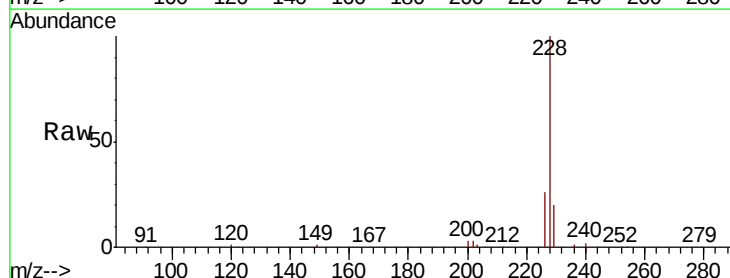
Tgt Ion:228 Resp: 91663

Ion Ratio Lower Upper

228 100

226 25.7 22.6 33.8

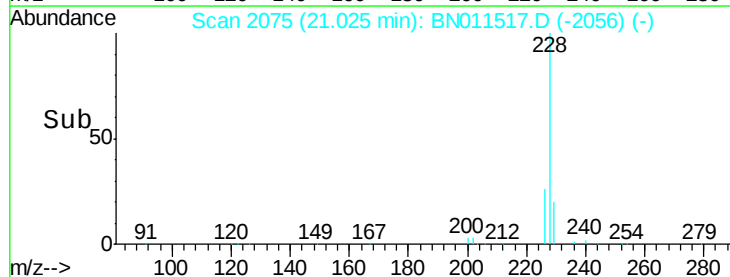
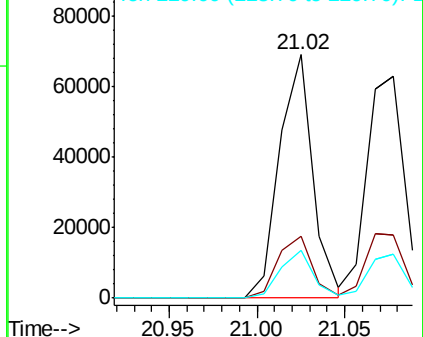
229 19.7 16.2 24.2

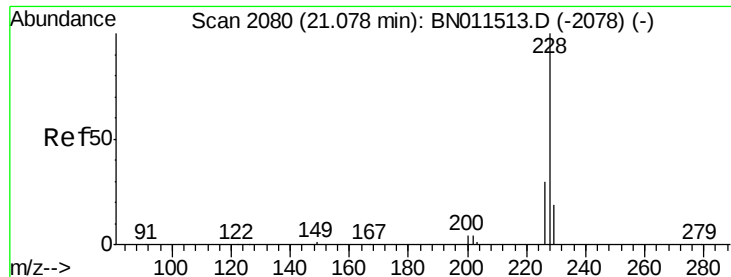


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 3.766 ng

RT: 21.08 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

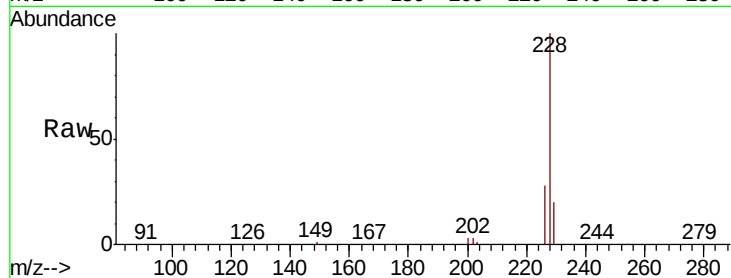
Tot Ion:228 Resp: 94549

Ion Ratio Lower Upper

228 100

226 28.3 24.6 37.0

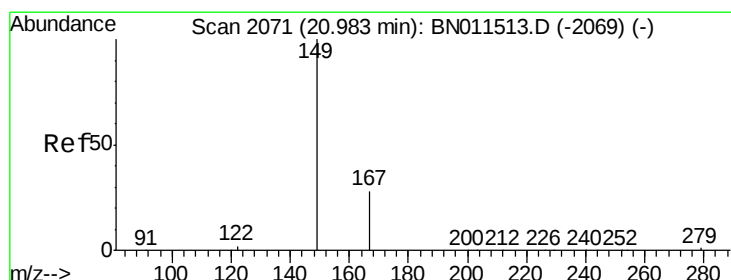
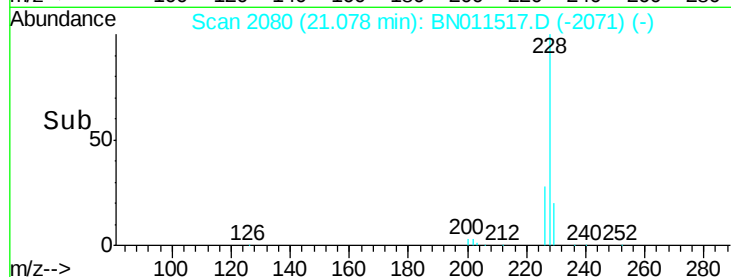
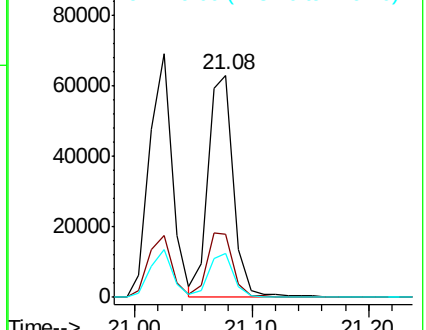
229 20.0 15.9 23.9



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: 2.832 ng

RT: 20.98 min Scan# 2071

Delta R.T. -0.00 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

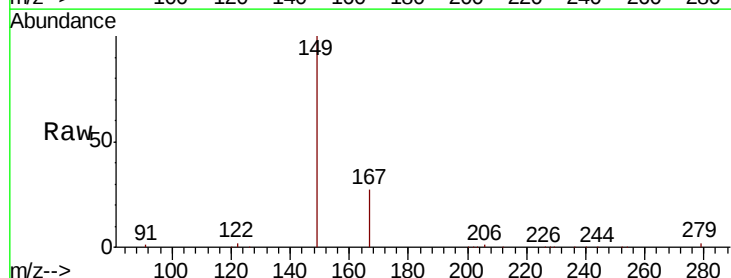
Tgt Ion:149 Resp: 33989

Ion Ratio Lower Upper

149 100

167 28.1 23.0 34.4

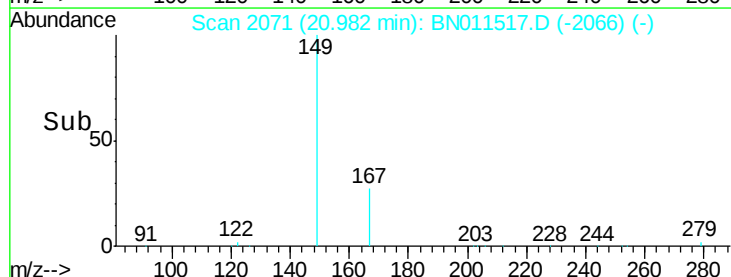
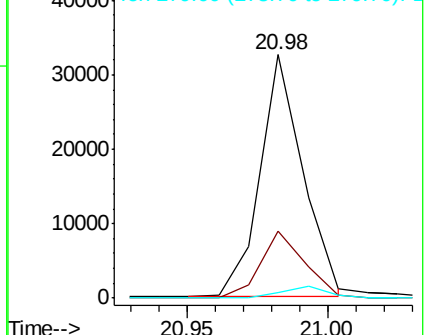
279 4.9 4.1 6.1

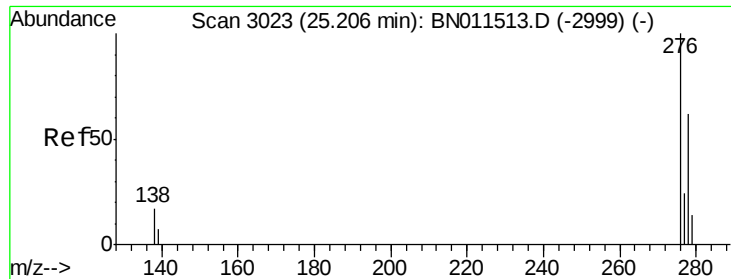


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

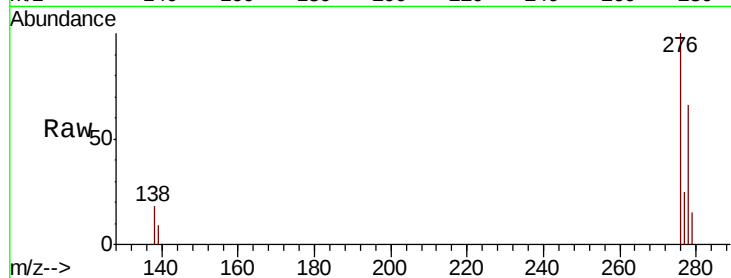




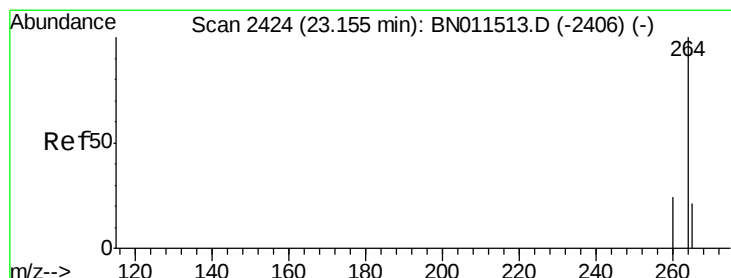
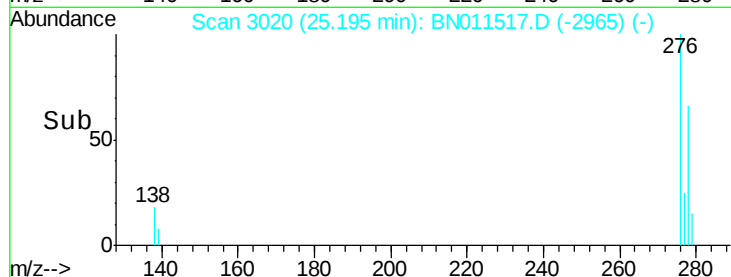
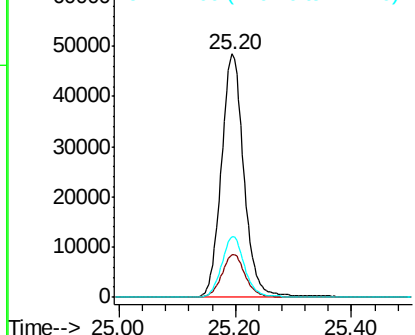
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 5.306 ng
 RT: 25.20 min Scan# 3020
 Delta R.T. -0.01 min
 Lab File: BN011517.D
 Acq: 19 Aug 2020 15:11

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC5.0

Tot Ion:276 Resp: 130104
 Ion Ratio Lower Upper
 276 100
 138 18.0 13.6 20.4
 277 25.1 19.8 29.8

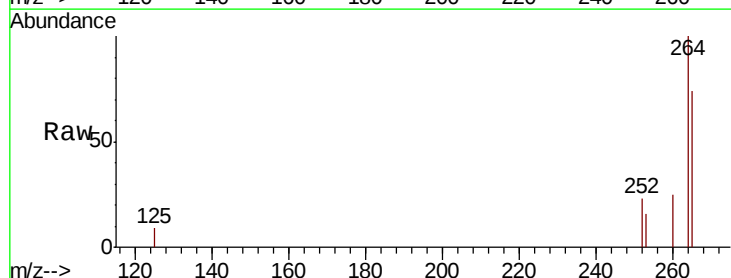


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

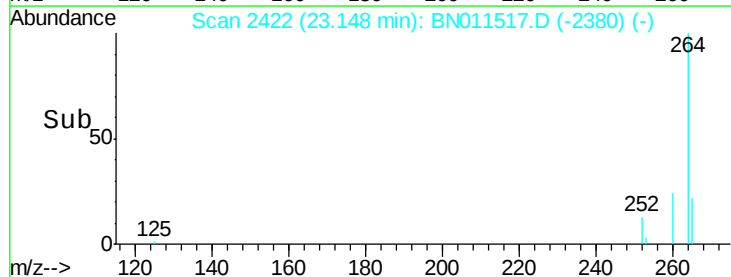
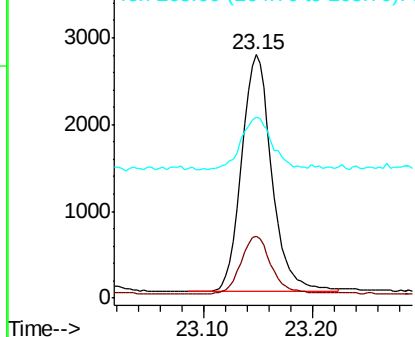


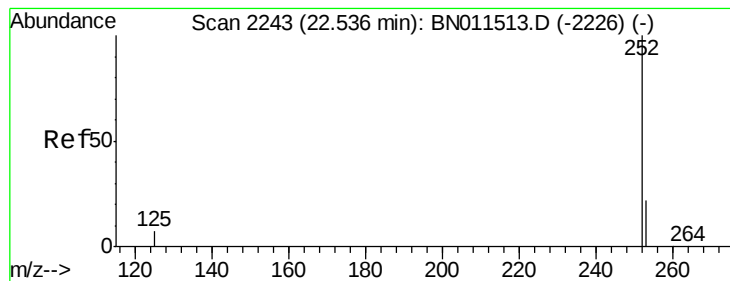
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.15 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BN011517.D
 Acq: 19 Aug 2020 15:11

Tgt Ion:264 Resp: 5285
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.0 30.0
 265 74.3 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: 4.498 ng

RT: 22.53 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

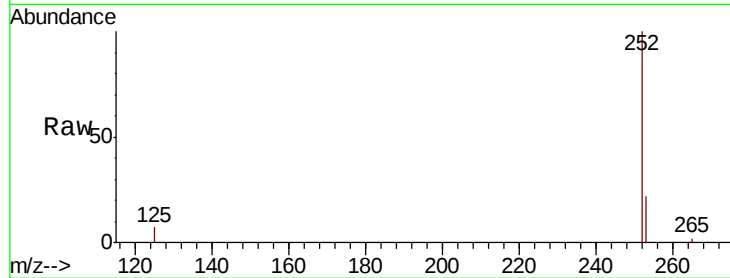
Tot Ion:252 Resp: 94783

Ion Ratio Lower Upper

252 100

253 22.0 23.0 34.6#

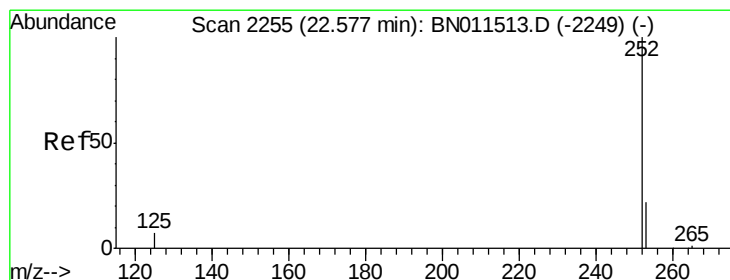
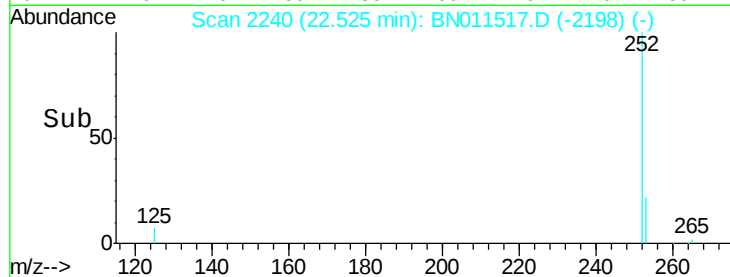
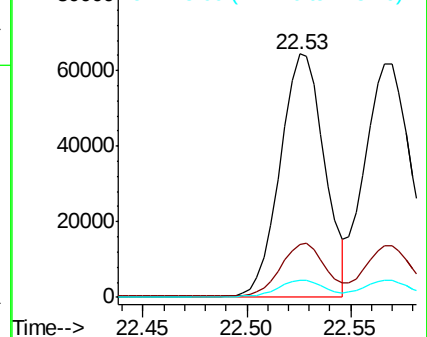
125 7.3 9.0 13.4#



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: 4.260 ng

RT: 22.57 min Scan# 2252

Delta R.T. -0.01 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

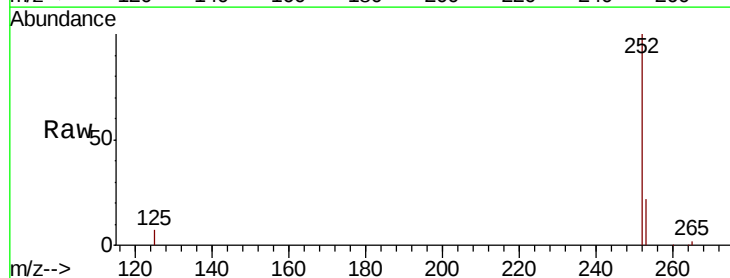
Tgt Ion:252 Resp: 98847

Ion Ratio Lower Upper

252 100

253 22.3 23.4 35.0#

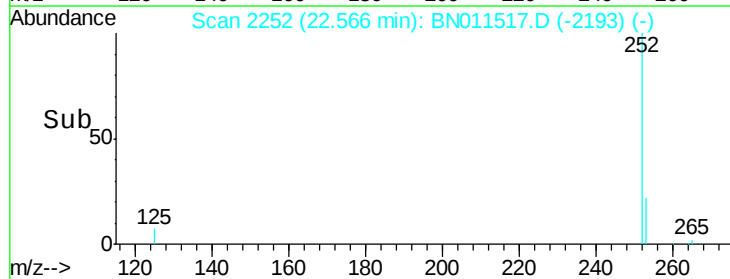
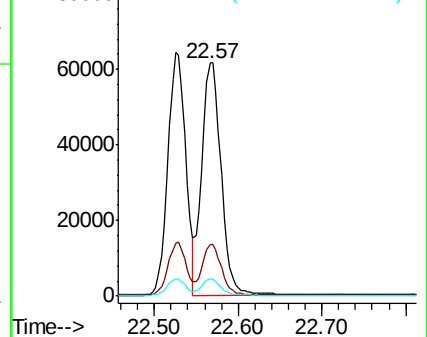
125 7.4 9.7 14.5#

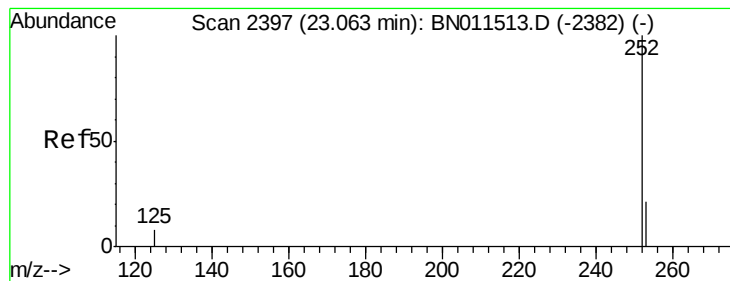


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 4.686 ng

RT: 23.06 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

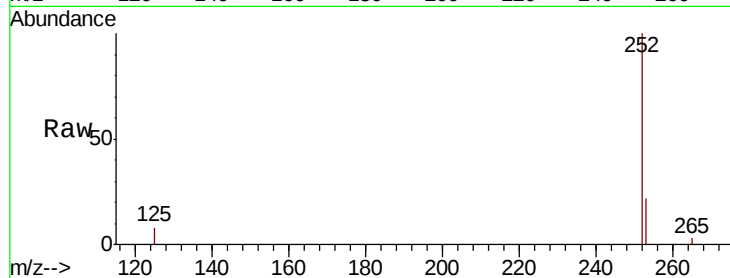
Tot Ion:252 Resp: 85715

Ion Ratio Lower Upper

252 100

253 22.1 25.4 38.0#

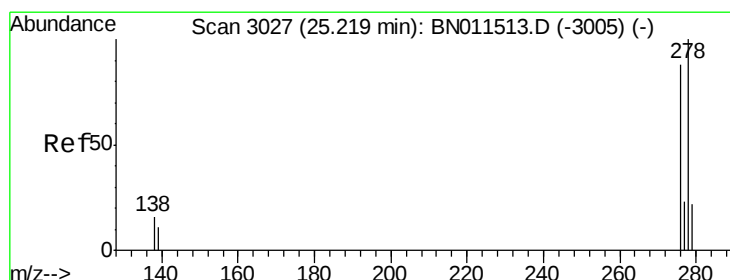
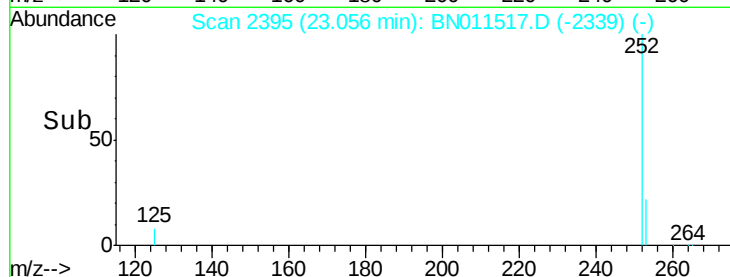
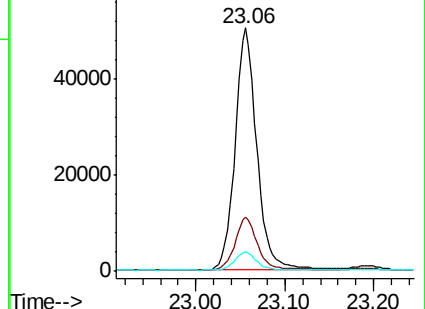
125 8.1 11.6 17.4#



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: 5.674 ng

RT: 25.21 min Scan# 3023

Delta R.T. -0.01 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

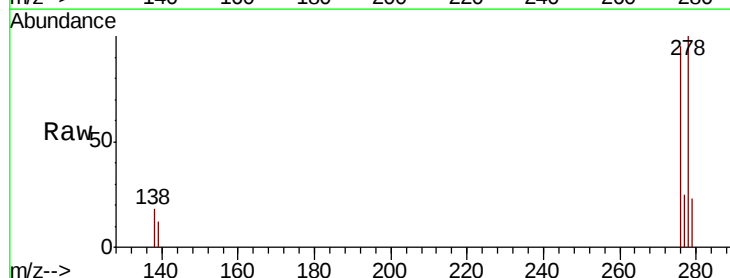
Tgt Ion:278 Resp: 107348

Ion Ratio Lower Upper

278 100

139 12.0 11.1 16.7

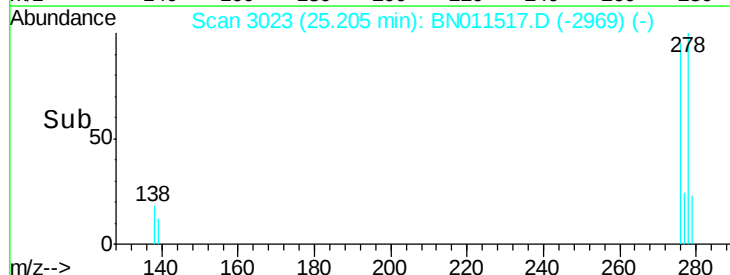
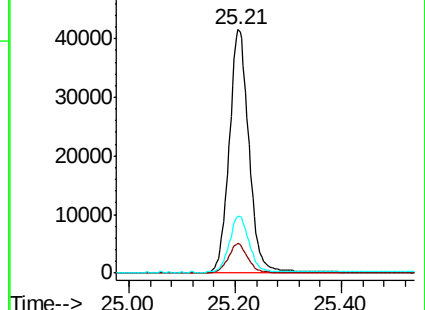
279 23.5 23.3 34.9

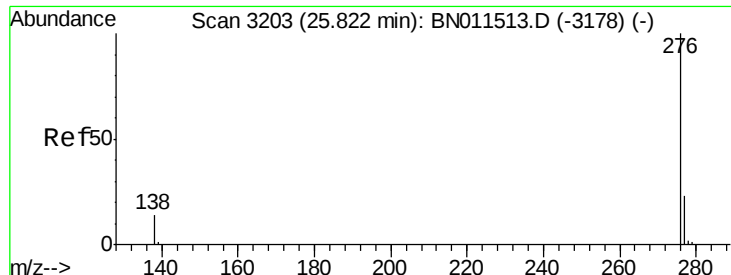


Abundance Ion 278.00 (277.70 to 278.70): E

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: 4.899 ng

RT: 25.81 min Scan# 3201

Delta R.T. -0.01 min

Lab File: BN011517.D

Acq: 19 Aug 2020 15:11

Instrument :

BNA_N

ClientSampleId :

SSTDICC5.0

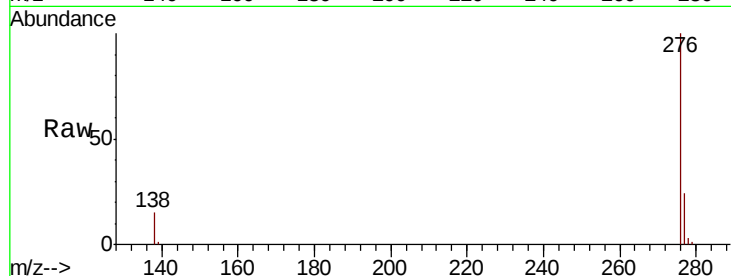
Tot Ion: 276 Resp: 102769

Ion Ratio Lower Upper

276 100

277 23.7 20.5 30.7

138 15.3 13.2 19.8



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

