

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081920\
 Data File : BN011516.D
 Acq On : 19 Aug 2020 14:35
 Operator : CG/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

Quant Time: Aug 19 15:46:08 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	1168	0.40	ng	0.00
7) Naphthalene-d8	10.17	136	3717	0.40	ng	0.00
13) Acenaphthene-d10	14.06	164	2255	0.40	ng	0.00
19) Phenanthrene-d10	16.82	188	4967	0.40	ng	0.00
29) Chrysene-d12	21.04	240	6440	0.40	ng	-0.01
36) Perylene-d12	23.15	264	5333	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.10	112	8160	2.66	ng	0.00
5) Phenol-d6	6.64	99	10313	2.76	ng	-0.02
8) Nitrobenzene-d5	8.56	82	9922	2.99	ng	-0.03
11) 2-Methylnaphthalene-d10	11.77	152	20506	3.02	ng	0.00
14) 2,4,6-Tribromophenol	15.56	330	3464	3.33	ng	-0.01
15) 2-Fluorobiphenyl	12.67	172	30771	3.16	ng	-0.01
27) Fluoranthene-d10	18.86	212	49471	3.26	ng	0.00
31) Terphenyl-d14	19.48	244	42302	2.17	ng	0.00

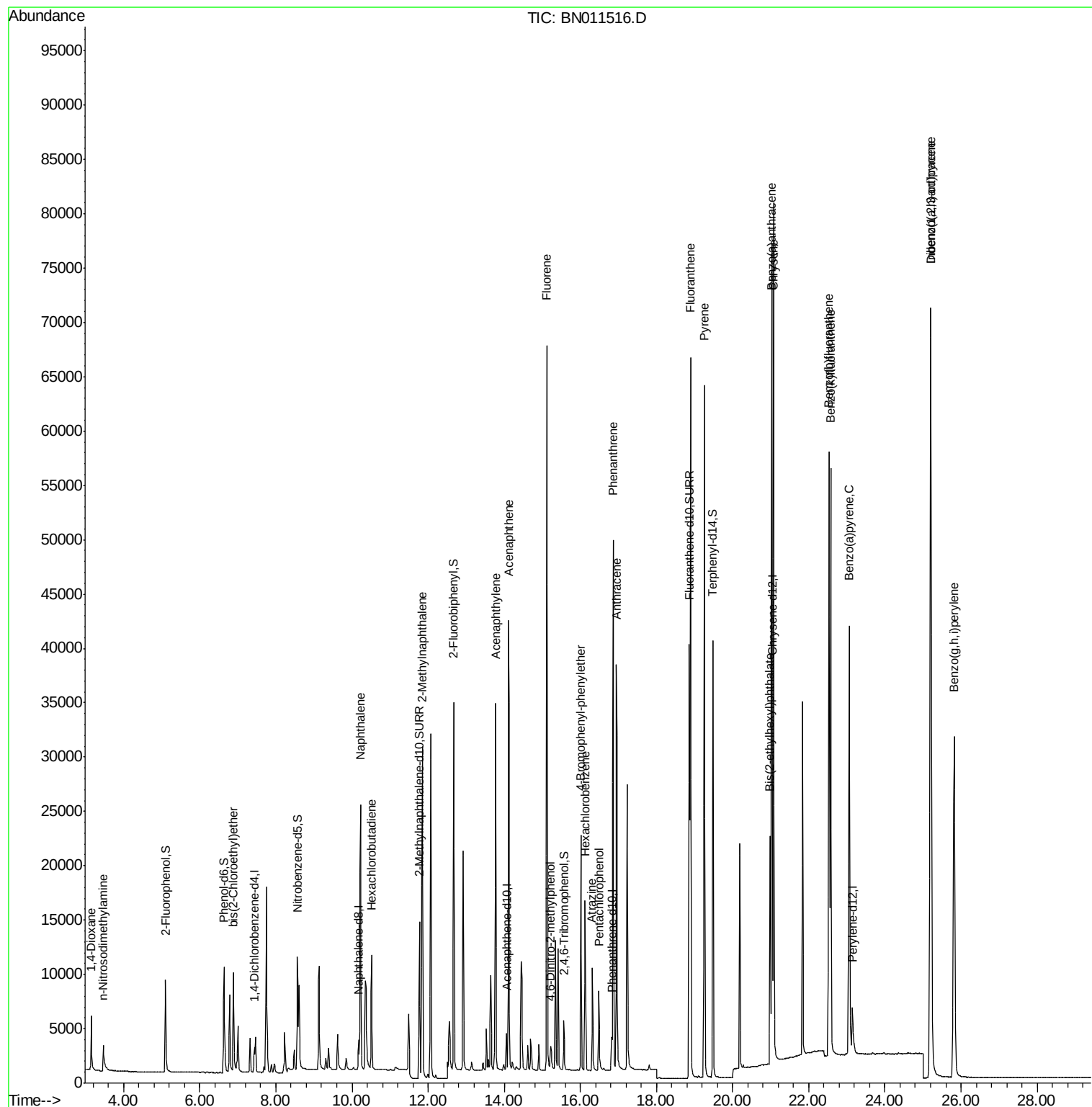
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.15	88	4464	2.715	ng	94
3) n-Nitrosodimethylamine	3.45	42	2203	2.614	ng	# 98
6) bis(2-Chloroethyl)ether	6.89	93	8500	2.737	ng	# 92
9) Naphthalene	10.22	128	32732	2.970	ng	# 94
10) Hexachlorobutadiene	10.52	225	8513	3.189	ng	# 98
12) 2-Methylnaphthalene	11.85	142	23357	2.987	ng	97
16) Acenaphthylene	13.77	152	35806	3.085	ng	99
17) Acenaphthene	14.12	154	22531	2.975	ng	99
18) Fluorene	15.12	166	29962	3.084	ng	98
20) 4,6-Dinitro-2-methylphenol	15.22	198	2543	3.701	ng	# 43
21) 4-Bromophenyl-phenylether	16.02	248	9573	2.907	ng	# 91
22) Hexachlorobenzene	16.13	284	11030	2.954	ng	98
23) Atrazine	16.31	200	7968	3.108	ng	# 91
24) Pentachlorophenol	16.48	266	3877	3.346	ng	96
25) Phenanthrene	16.86	178	49169	3.042	ng	100
26) Anthracene	16.94	178	44486	3.311	ng	99
28) Fluoranthene	18.89	202	60616	3.298	ng	99
30) Pyrene	19.26	202	60674	2.090	ng	99
32) Benzo(a)anthracene	21.02	228	60301	2.794	ng	98
33) Chrysene	21.08	228	64837	2.678	ng	97
34) Bis(2-ethylhexyl)phthalate	20.98	149	20294	1.753	ng	99
35) Indeno(1,2,3-cd)pyrene	25.20	276	77960	3.297	ng	99
37) Benzo(b)fluoranthene	22.53	252	66052	3.106	ng	# 89
38) Benzo(k)fluoranthene	22.57	252	66903	2.858	ng	# 88
39) Benzo(a)pyrene	23.06	252	57564	3.119	ng	# 84
40) Dibenzo(a,h)anthracene	25.21	278	64313	3.369	ng	91
41) Benzo(g,h,i)perylene	25.82	276	65139	3.077	ng	97

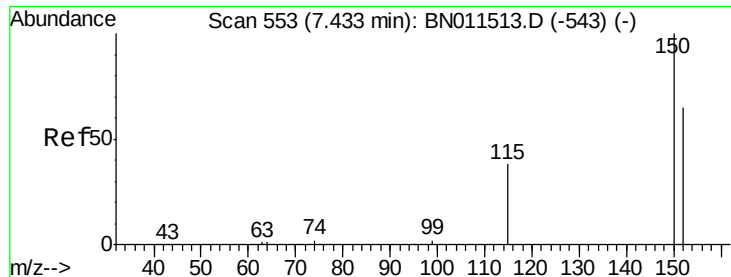
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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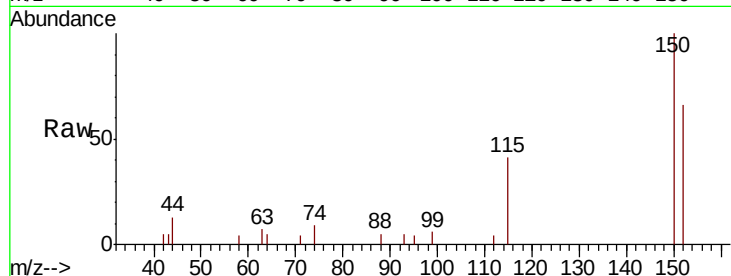


#1

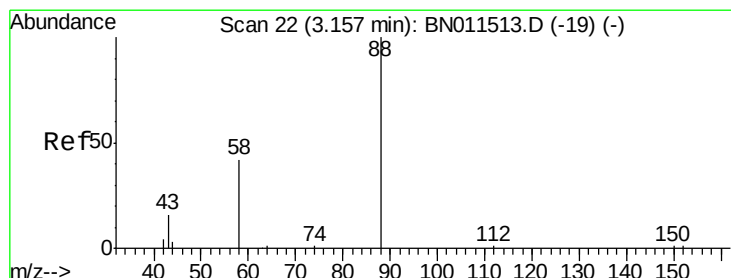
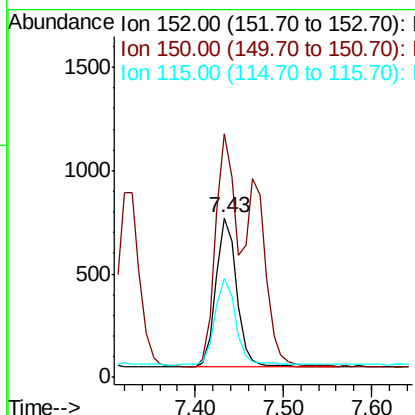
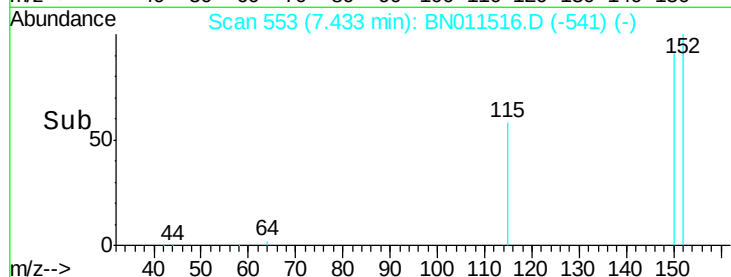
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 553
Delta R.T. -0.00 min
Lab File: BN011516.D
Acq: 19 Aug 2020 14:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tot Ion:152 Resp: 1168
Ion Ratio Lower Upper
152 100
150 152.6 121.6 182.4
115 62.4 51.9 77.9



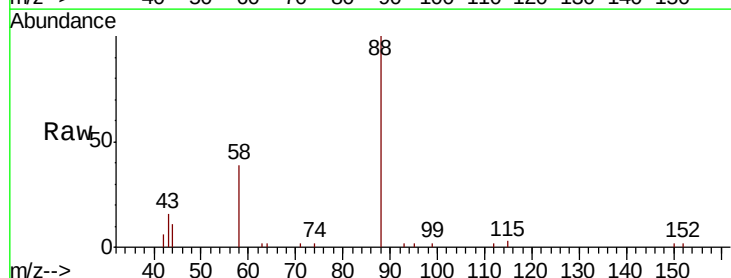
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



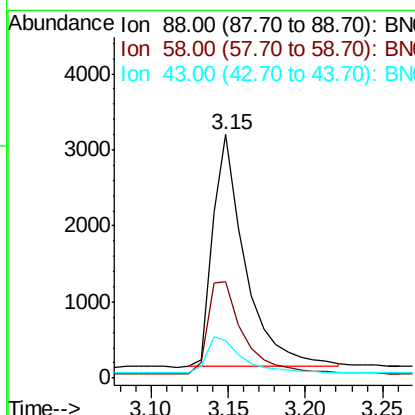
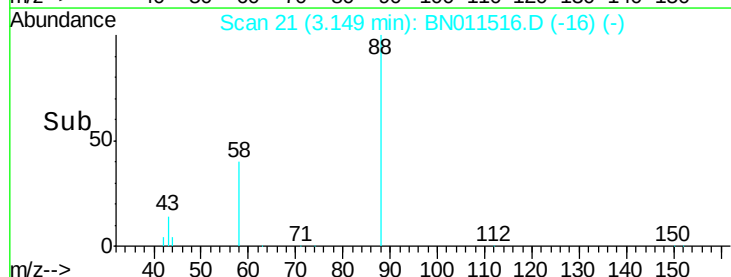
#2

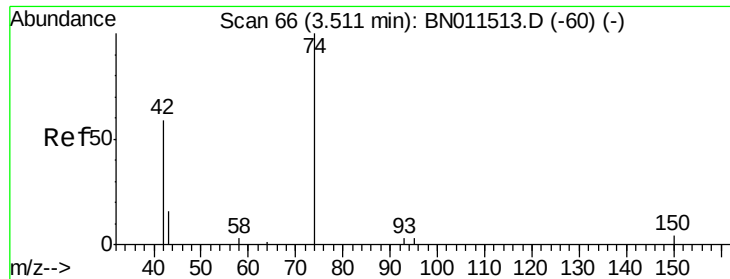
1,4-Dioxane
Concen: 2.715 ng
RT: 3.15 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN011516.D
Acq: 19 Aug 2020 14:35

Tgt Ion: 88 Resp: 4464
Ion Ratio Lower Upper
88 100
58 44.2 38.6 57.8
43 16.4 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: 2.614 ng

RT: 3.45 min Scan# 59

Delta R.T. -0.06 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

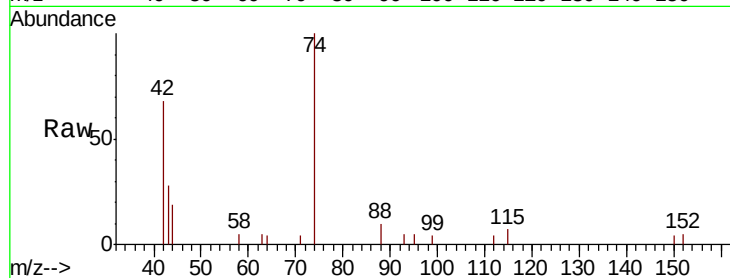
Tot Ion: 42 Resp: 2203

Ion Ratio Lower Upper

42 100

74 190.7 150.4 225.6

44 3.5 0.0 0.0#

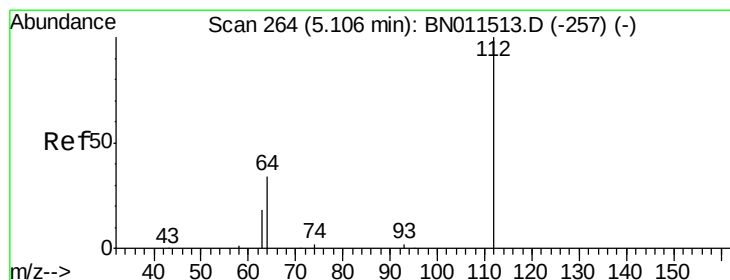
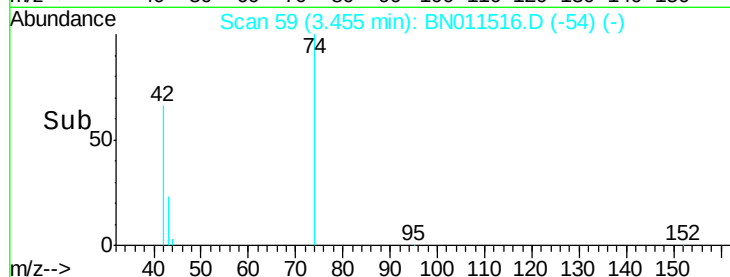


Abundance Ion 42.00 (41.70 to 42.70): BN011513.D (-60) (-)

Ion 74.00 (73.70 to 74.70): BN011513.D (-60) (-)

Ion 44.00 (43.70 to 44.70): BN011513.D (-60) (-)

Time-->



#4

2-Fluorophenol

Concen: 2.660 ng

RT: 5.10 min Scan# 263

Delta R.T. -0.01 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

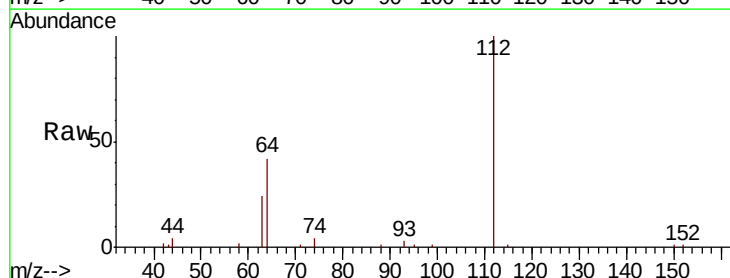
Tgt Ion: 112 Resp: 8160

Ion Ratio Lower Upper

112 100

64 42.8 33.8 50.6

63 24.3 19.5 29.3

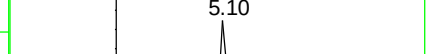
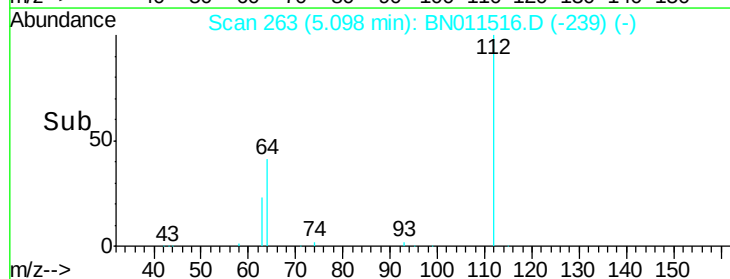


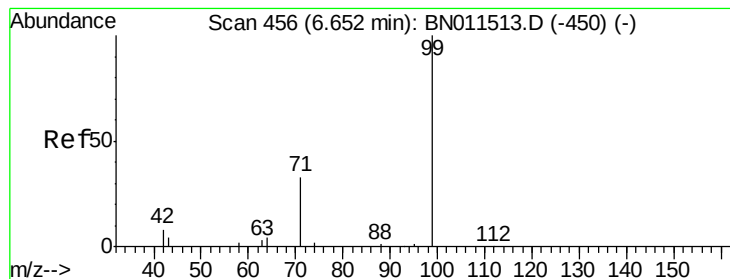
Abundance Ion 112.00 (111.70 to 112.70): BN011513.D (-257) (-)

Ion 64.00 (63.70 to 64.70): BN011513.D (-257) (-)

Ion 63.00 (62.70 to 63.70): BN011513.D (-257) (-)

Time-->





#5

Phenol-d6

Concen: 2.763 ng

RT: 6.64 min Scan# 454

Delta R.T. -0.02 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

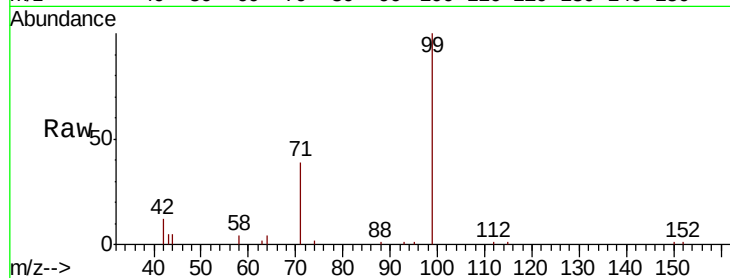
Tot Ion: 99 Resp: 10313

Ion Ratio Lower Upper

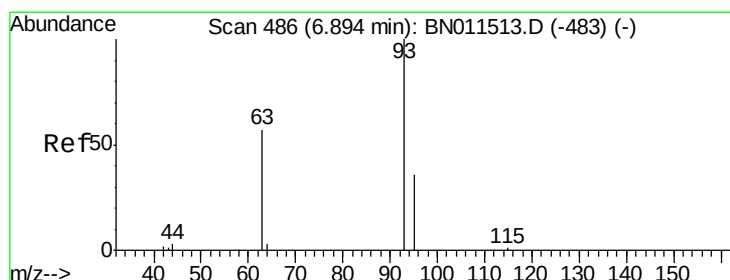
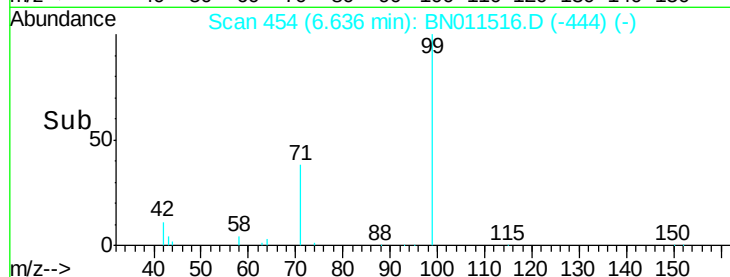
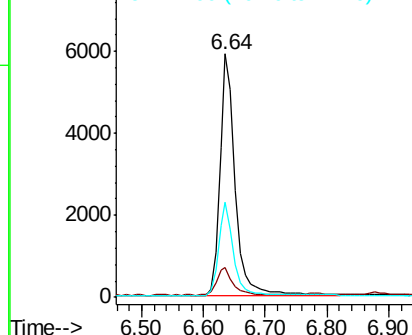
99 100

42 12.1 10.0 15.0

71 37.6 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 2.737 ng

RT: 6.89 min Scan# 485

Delta R.T. -0.01 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

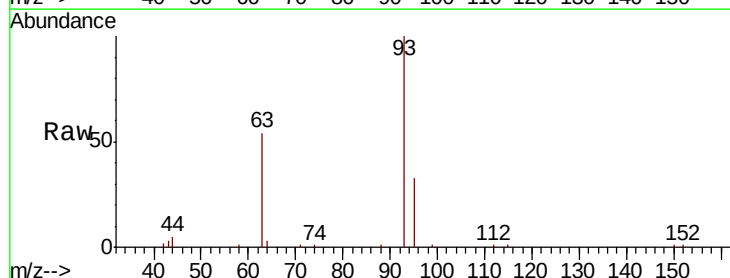
Tgt Ion: 93 Resp: 8500

Ion Ratio Lower Upper

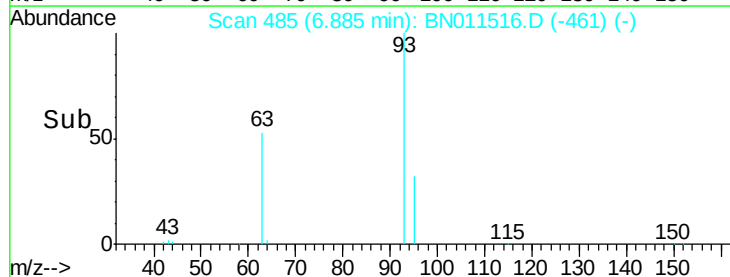
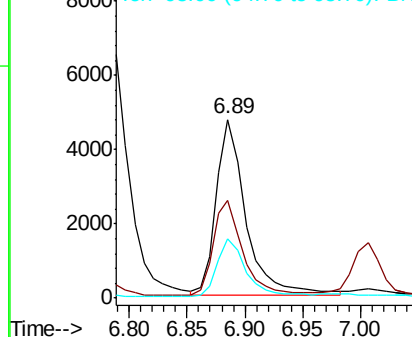
93 100

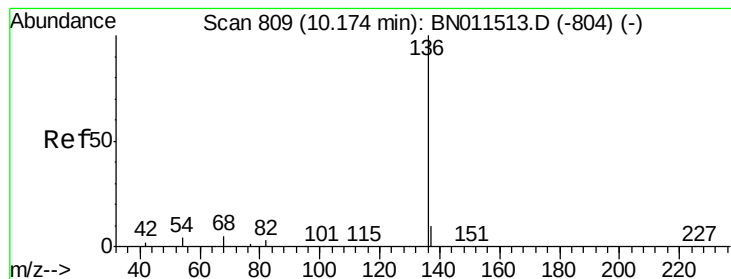
63 53.4 45.4 68.2

95 31.7 31.8 47.8#



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.17 min Scan# 809

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 3717

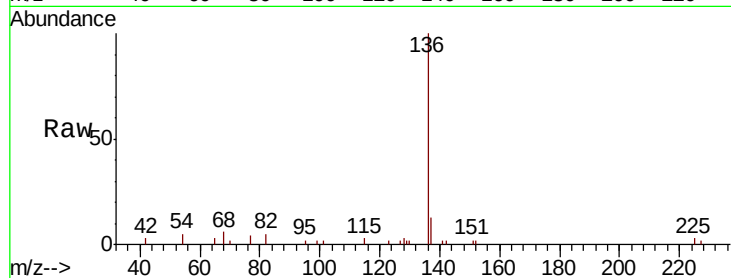
Ion Ratio Lower Upper

136 100

137 13.1 10.3 15.5

54 5.2 5.7 8.5#

68 5.7 6.0 9.0#

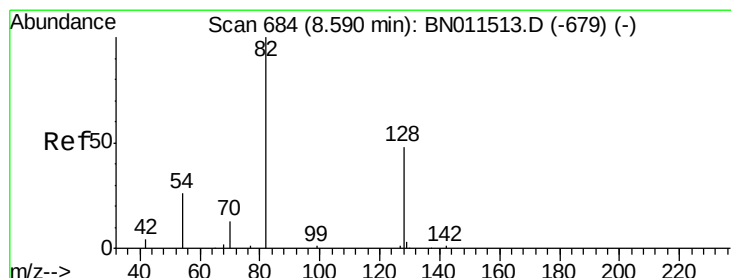
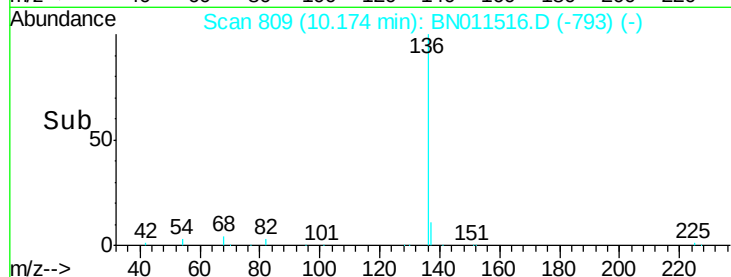
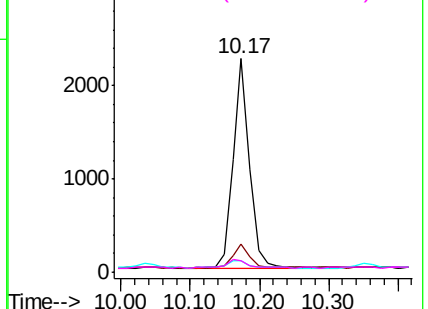


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.991 ng

RT: 8.56 min Scan# 682

Delta R.T. -0.03 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

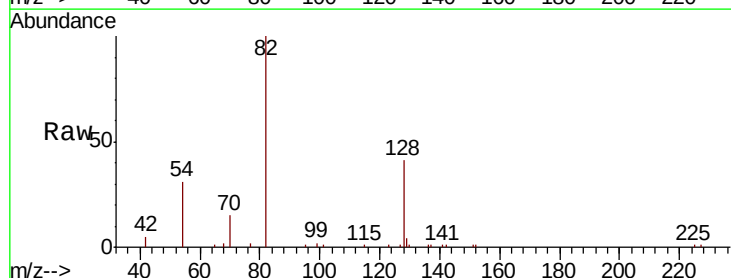
Tgt Ion: 82 Resp: 9922

Ion Ratio Lower Upper

82 100

128 41.2 44.6 66.8#

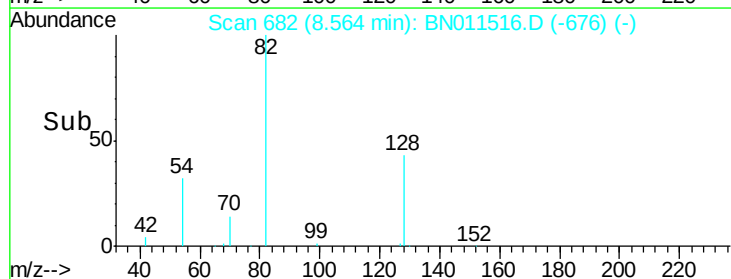
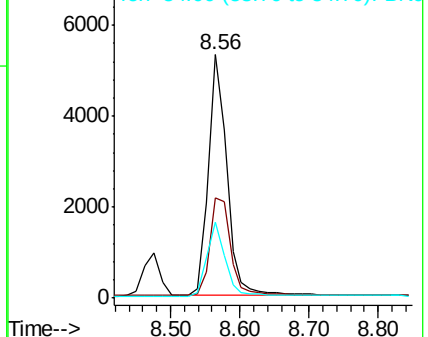
54 31.0 27.6 41.4

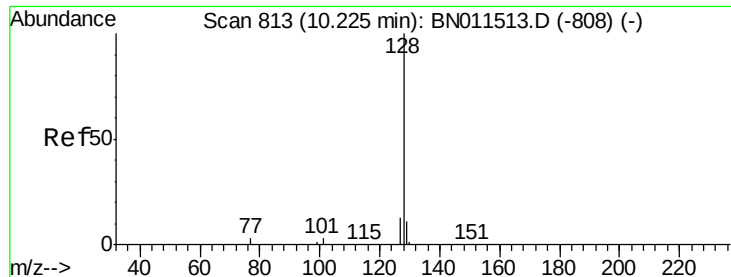


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 2.970 ng

RT: 10.22 min Scan# 813

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

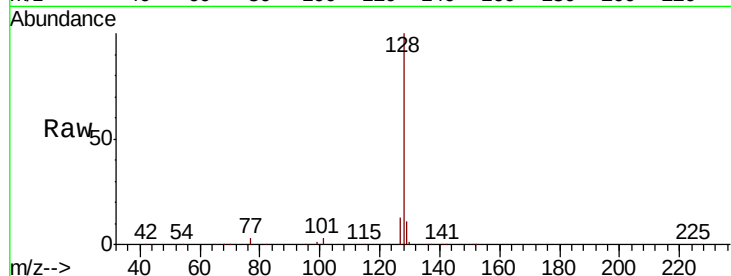
Tot Ion:128 Resp: 32732

Ion Ratio Lower Upper

128 100

129 11.1 11.1 16.7#

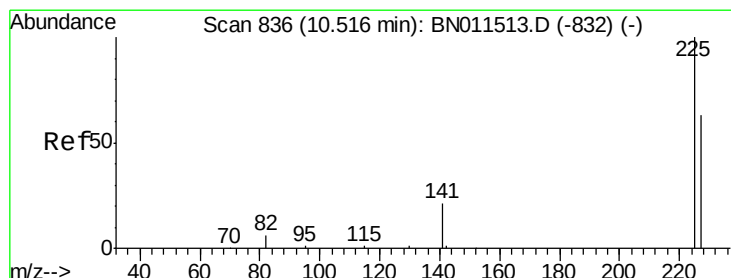
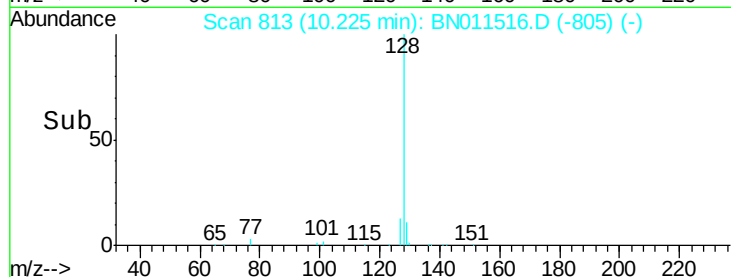
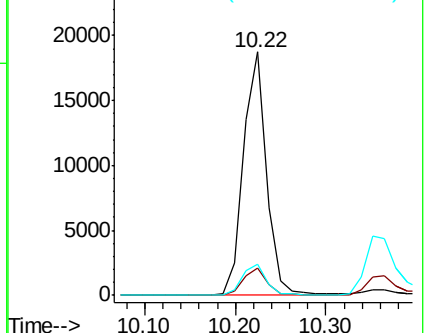
127 13.0 12.2 18.4



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: 3.189 ng

RT: 10.52 min Scan# 836

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

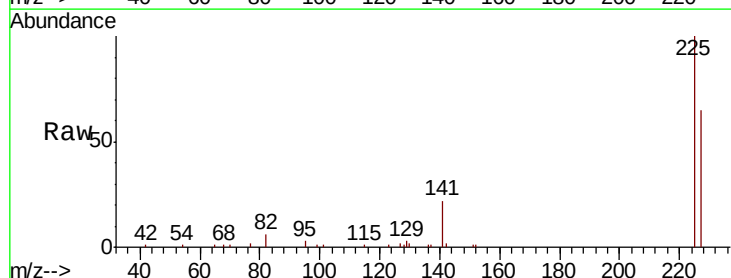
Tgt Ion:225 Resp: 8513

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

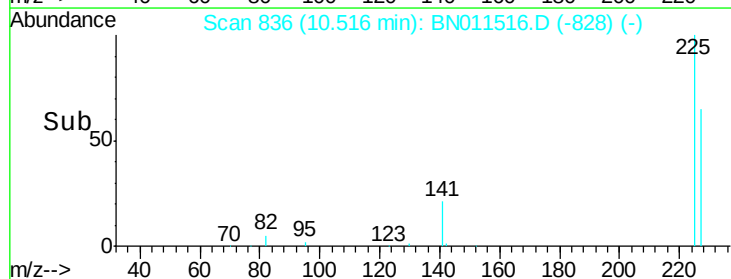
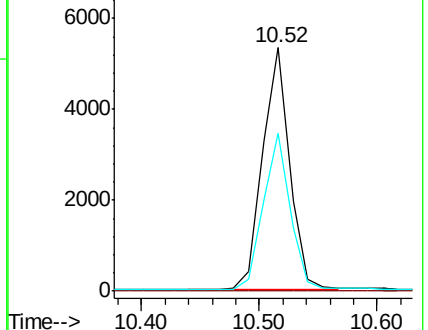
227 63.9 50.1 75.1

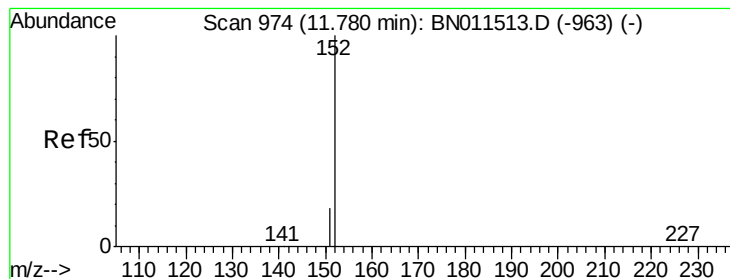


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.021 ng

RT: 11.77 min Scan# 972

Delta R.T. -0.01 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA_N

ClientSampleId :

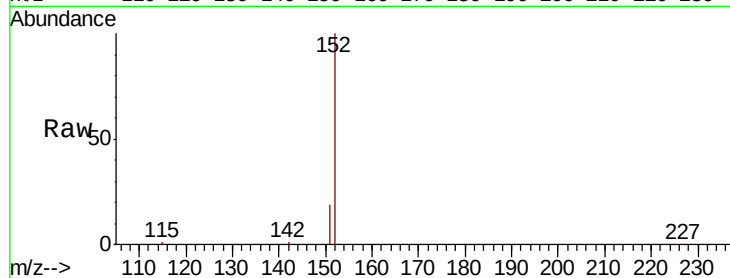
SSTDICC3.2

Tot Ion:152 Resp: 20506

Ion Ratio Lower Upper

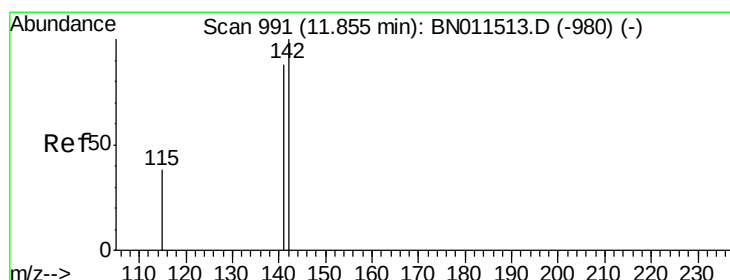
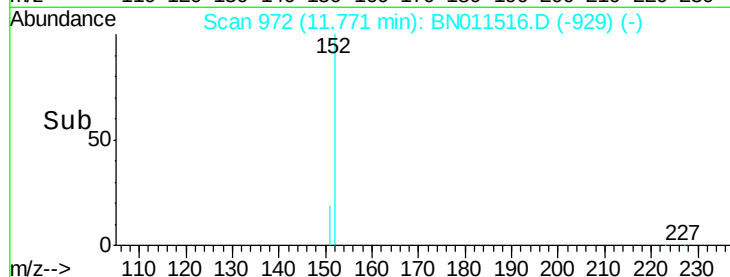
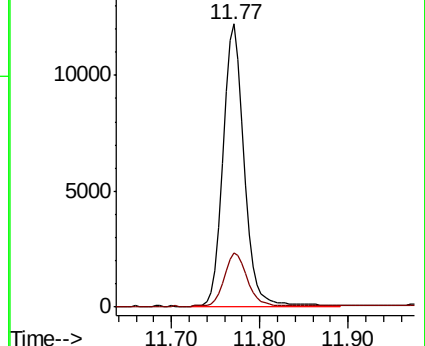
152 100

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: 2.987 ng

RT: 11.85 min Scan# 989

Delta R.T. -0.01 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

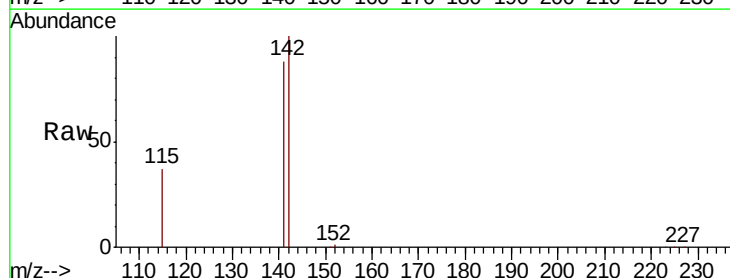
Tgt Ion:142 Resp: 23357

Ion Ratio Lower Upper

142 100

141 87.9 70.9 106.3

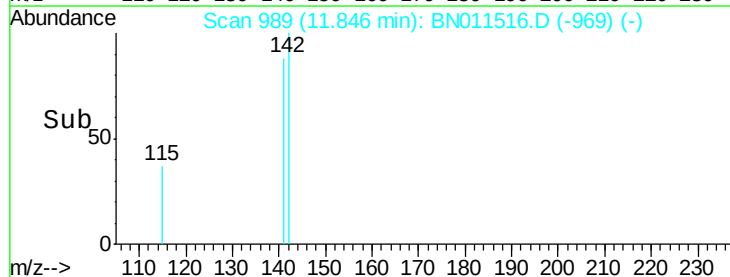
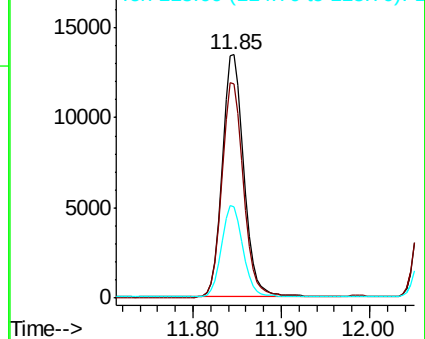
115 37.4 33.2 49.8

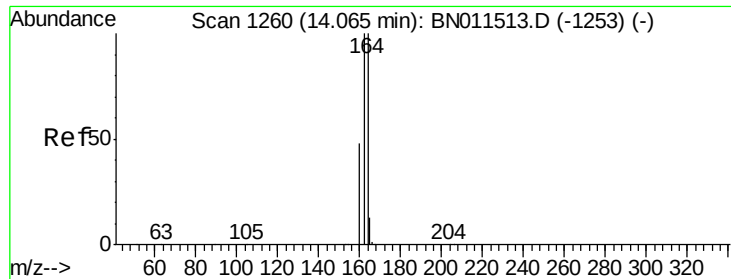


Abundance Ion 142.00 (141.70 to 142.70): E

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: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

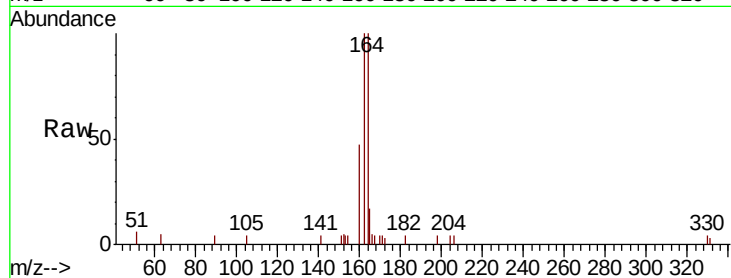
Tot Ion:164 Resp: 2255

Ion Ratio Lower Upper

164 100

162 99.8 79.8 119.8

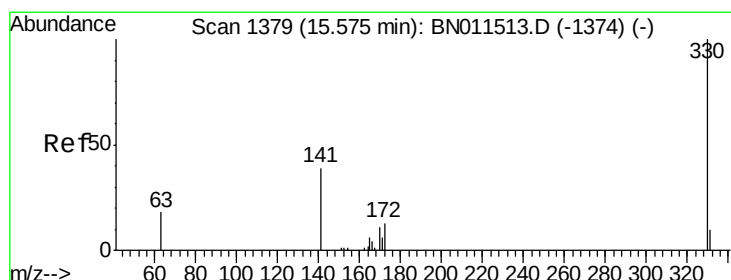
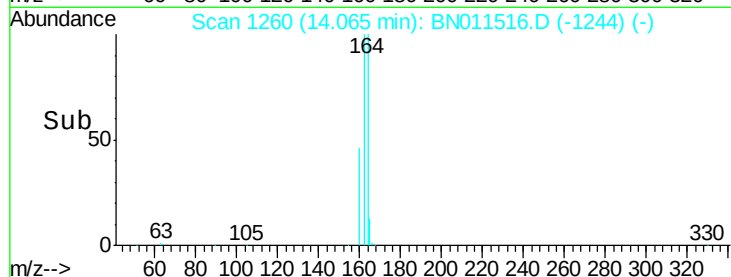
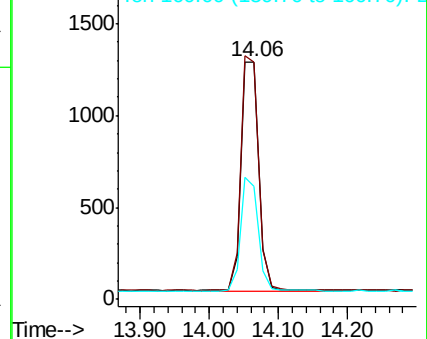
160 47.4 39.6 59.4



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: 3.329 ng

RT: 15.56 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

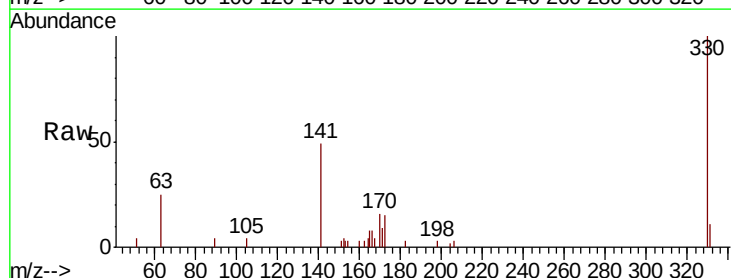
Tgt Ion:330 Resp: 3464

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

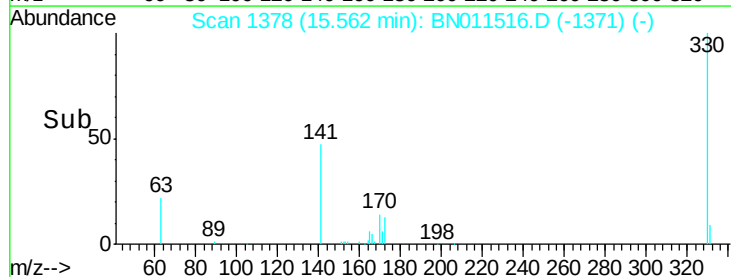
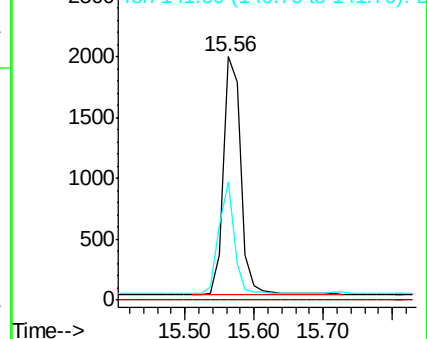
141 41.2 35.8 53.6

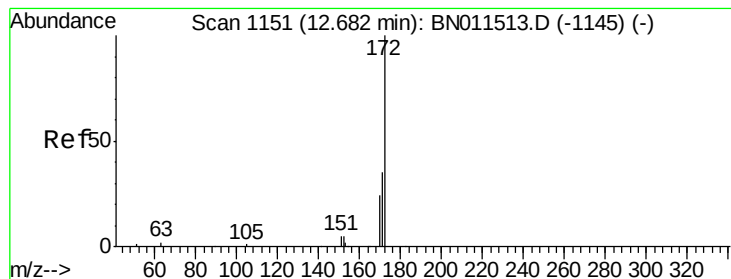


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 3.160 ng

RT: 12.67 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

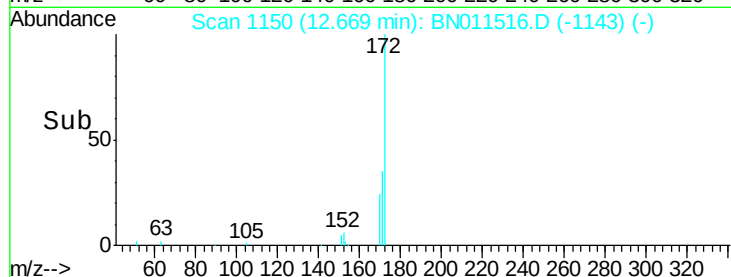
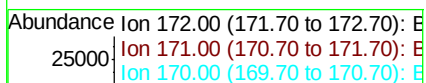
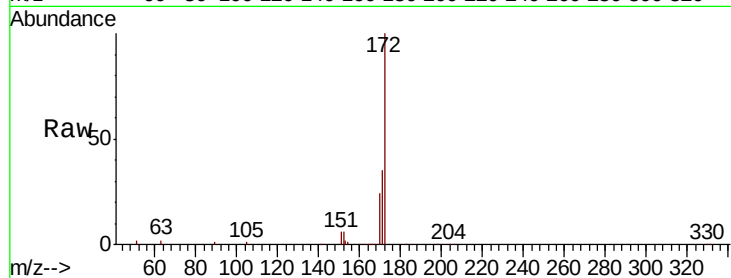
BNA_N

ClientSampleId :

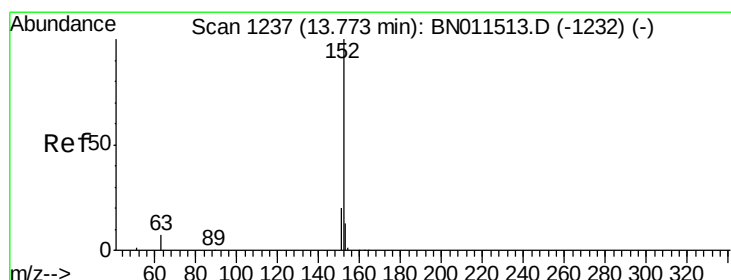
SSTDICC3.2

Tot Ion:172 Resp: 30771

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.5	44.3
170	23.9	20.9	31.3



Time-->



#16

Acenaphthylene

Concen: 3.085 ng

RT: 13.77 min Scan# 1237

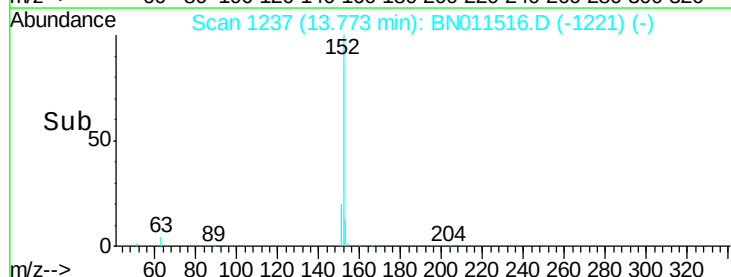
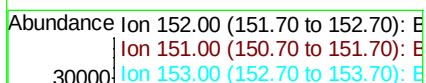
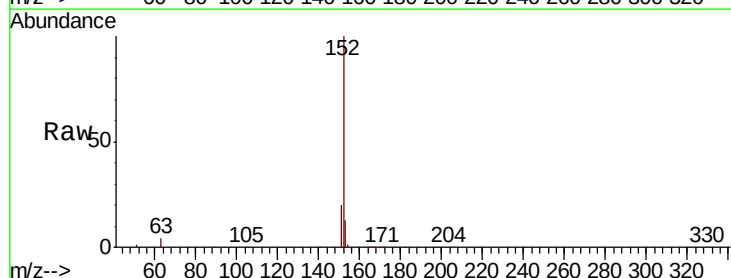
Delta R.T. -0.00 min

Lab File: BN011516.D

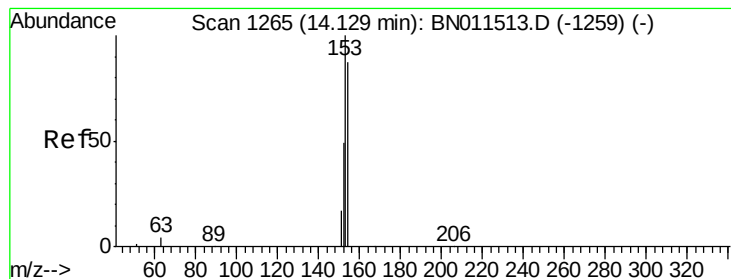
Acq: 19 Aug 2020 14:35

Tgt Ion:152 Resp: 35806

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



Time-->



#17

Acenaphthene

Concen: 2.975 ng

RT: 14.12 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

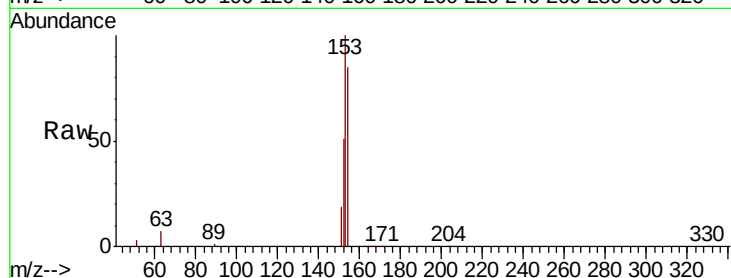
Tot Ion:154 Resp: 22531

Ion Ratio Lower Upper

154 100

153 113.9 92.1 138.1

152 56.5 46.4 69.6

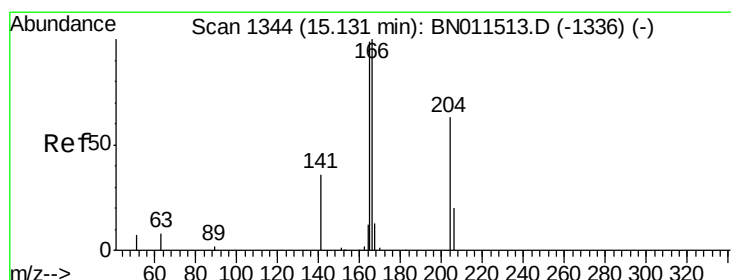
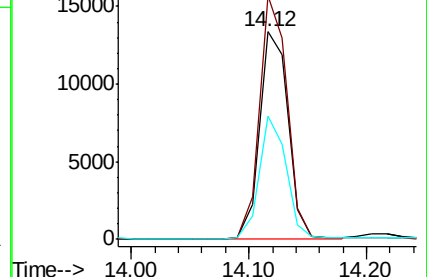
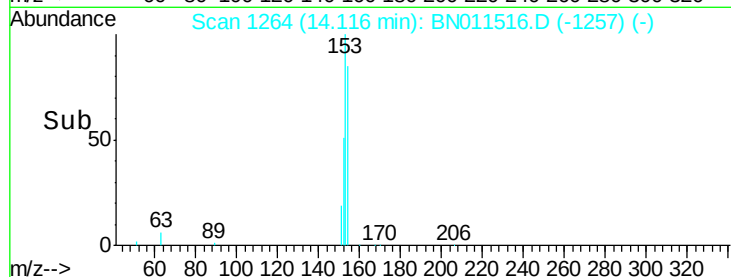


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.12



#18

Fluorene

Concen: 3.084 ng

RT: 15.12 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

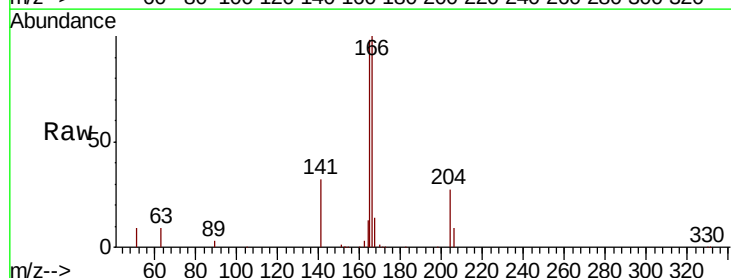
Tgt Ion:166 Resp: 29962

Ion Ratio Lower Upper

166 100

165 97.9 80.4 120.6

167 13.6 10.7 16.1

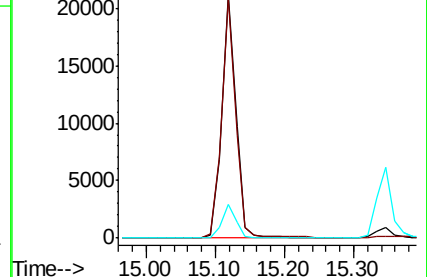
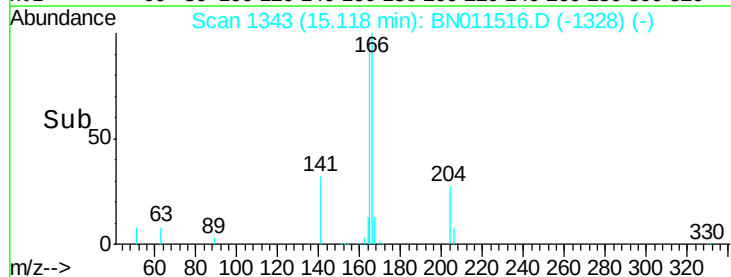


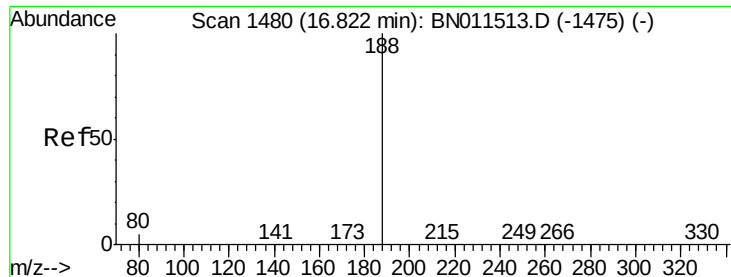
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.12





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.82 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

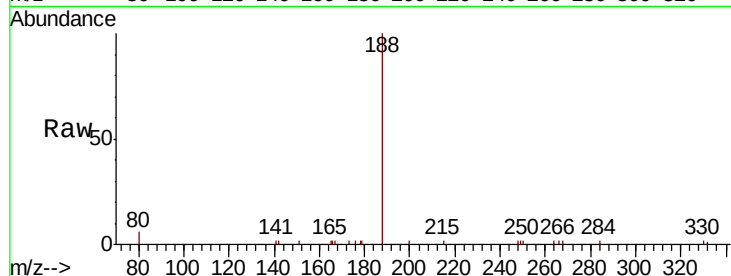
Tot Ion:188 Resp: 4967

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

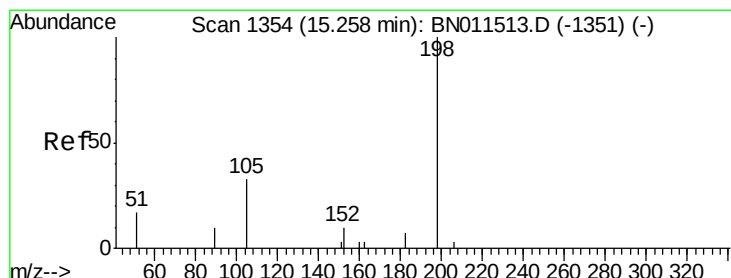
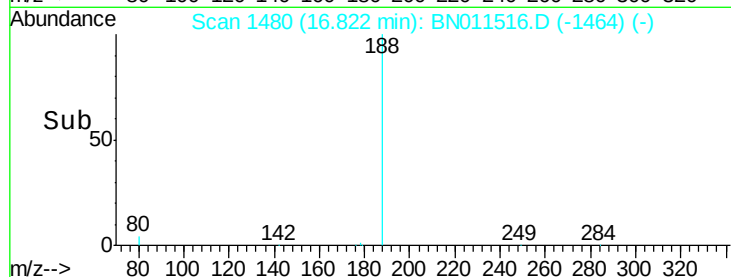
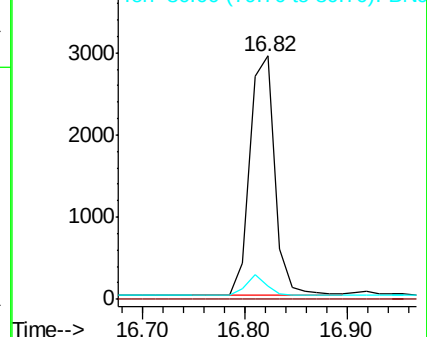
80 5.6 5.4 8.2



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: 3.701 ng

RT: 15.22 min Scan# 1351

Delta R.T. -0.04 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

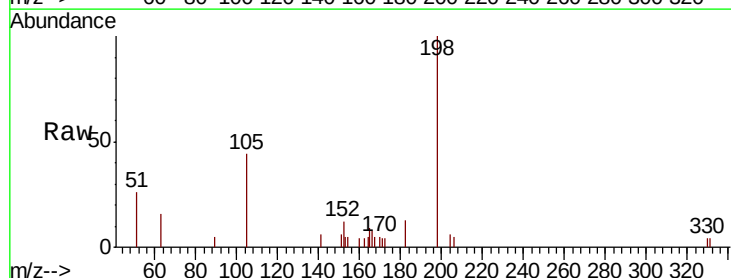
Tgt Ion:198 Resp: 2543

Ion Ratio Lower Upper

198 100

51 25.9 75.8 113.6#

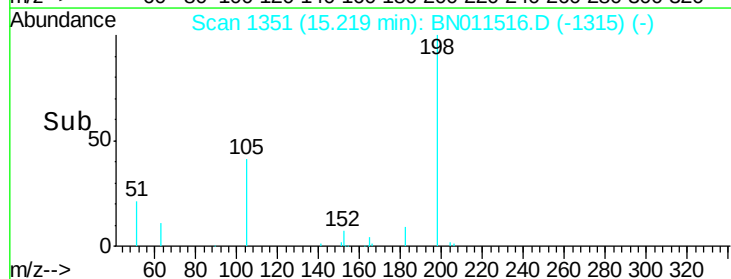
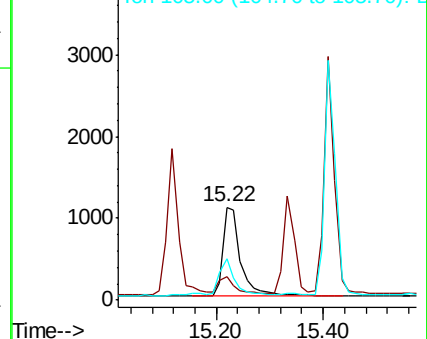
105 44.5 65.3 97.9#

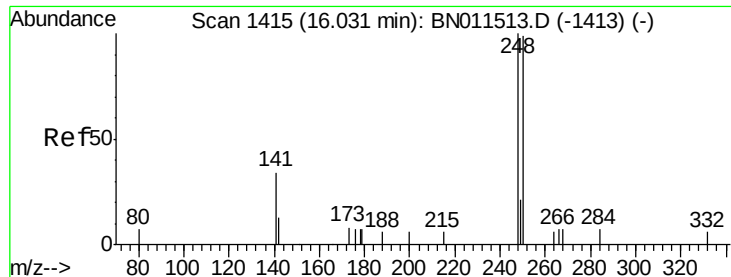


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

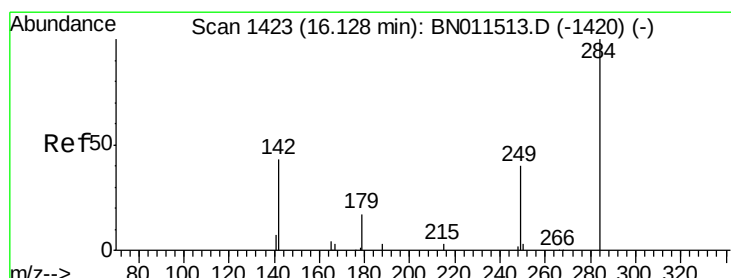
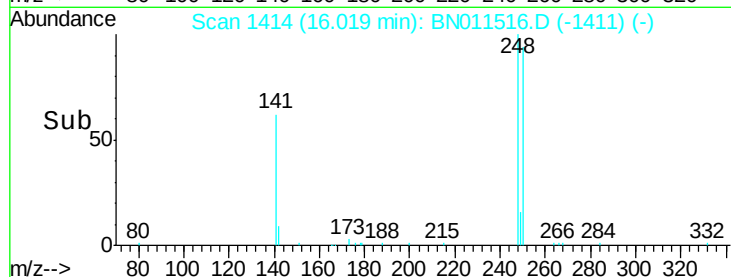
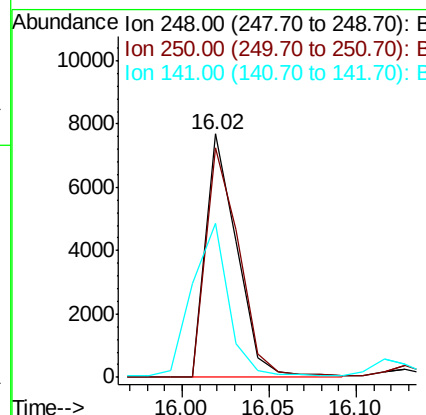
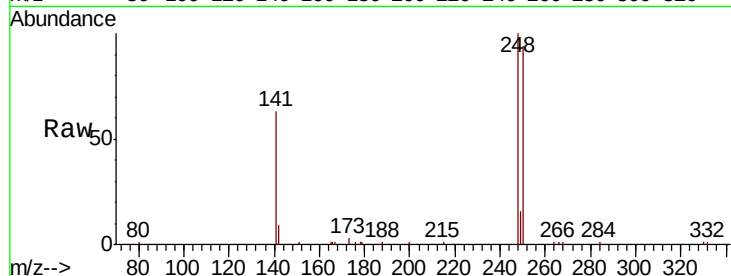




#21
4-Bromophenyl-phenylether
Concen: 2.907 ng
RT: 16.02 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN011516.D
Acq: 19 Aug 2020 14:35

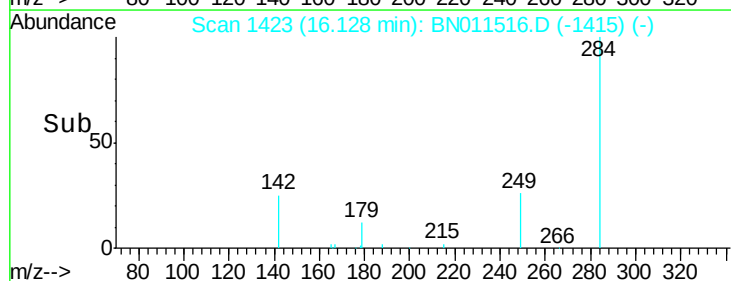
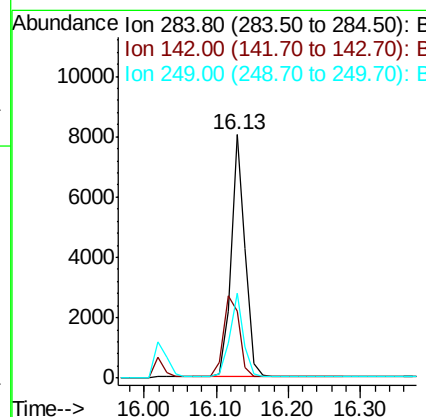
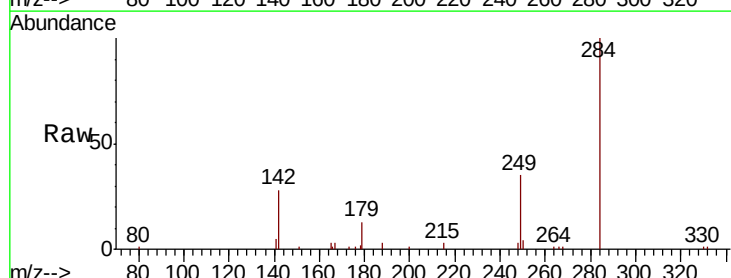
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

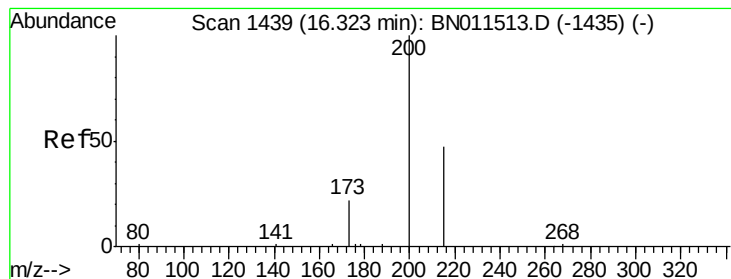
Tot Ion:248 Resp: 9573
Ion Ratio Lower Upper
248 100
250 94.0 79.4 119.0
141 63.1 40.8 61.2#



#22
Hexachlorobenzene
Concen: 2.954 ng
RT: 16.13 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BN011516.D
Acq: 19 Aug 2020 14:35

Tgt Ion:284 Resp: 11030
Ion Ratio Lower Upper
284 100
142 37.8 31.7 47.5
249 33.4 27.4 41.2





#23

Atrazine

Concen: 3.108 ng

RT: 16.31 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

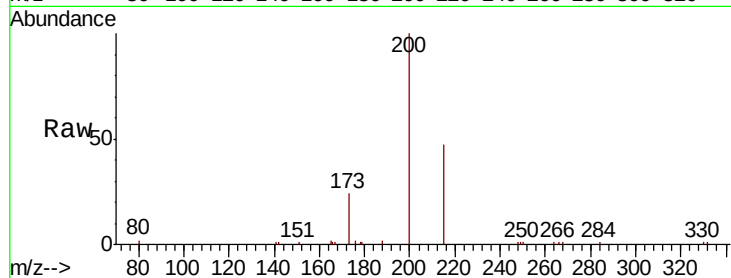
Tot Ion:200 Resp: 7968

Ion Ratio Lower Upper

200 100

173 23.8 24.0 36.0#

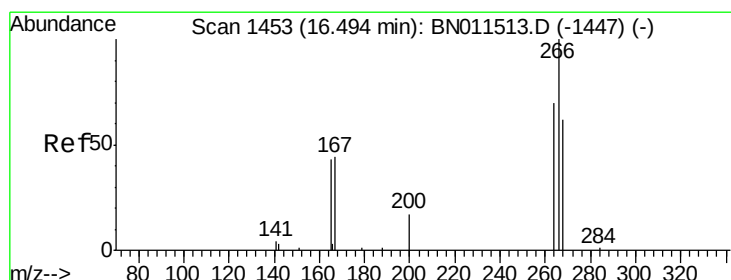
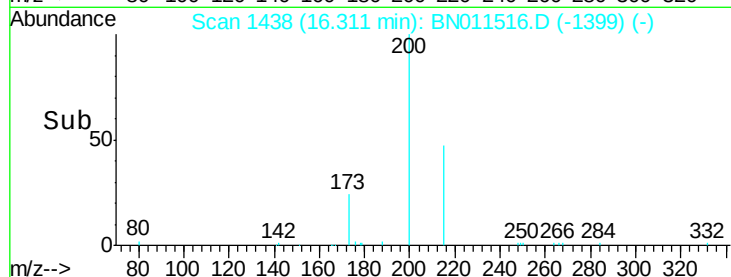
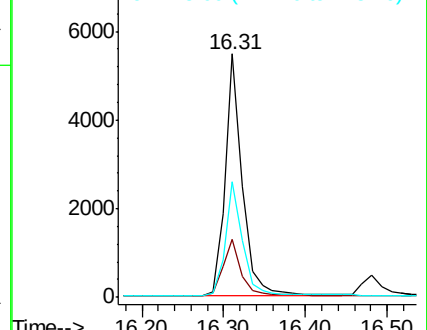
215 47.5 42.2 63.4



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: 3.346 ng

RT: 16.48 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

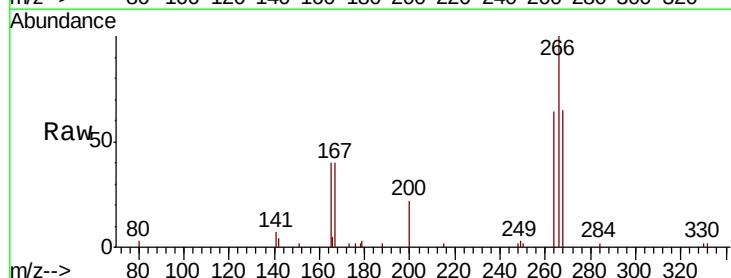
Tgt Ion:266 Resp: 3877

Ion Ratio Lower Upper

266 100

264 63.6 53.7 80.5

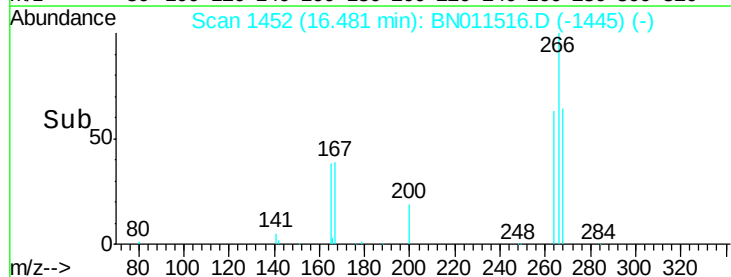
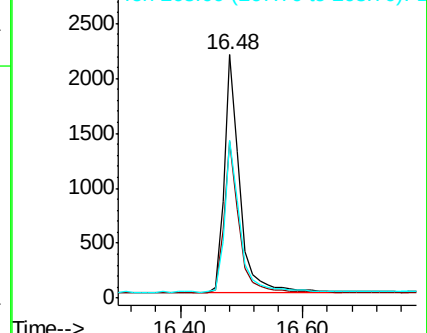
268 63.7 53.0 79.4

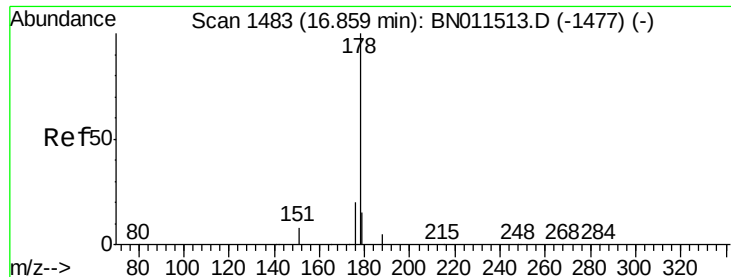


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 3.042 ng

RT: 16.86 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

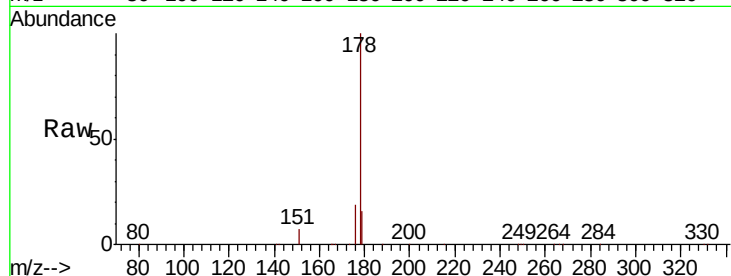
Tot Ion:178 Resp: 49169

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

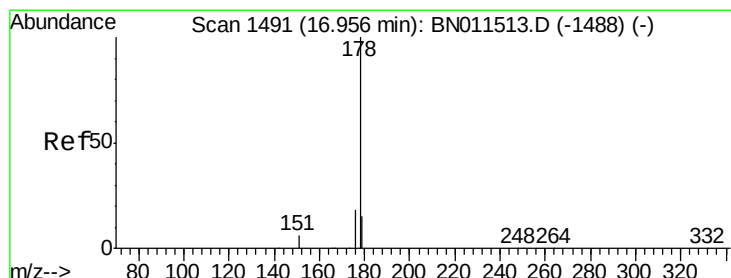
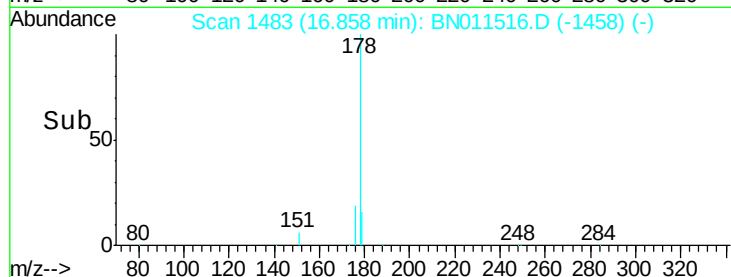
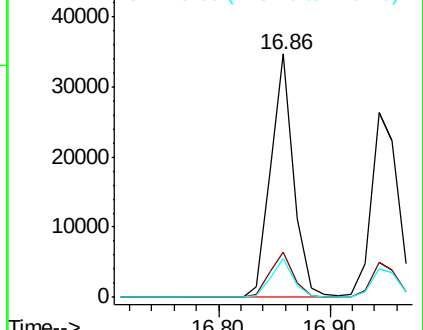
179 15.4 12.3 18.5



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: 3.311 ng

RT: 16.94 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

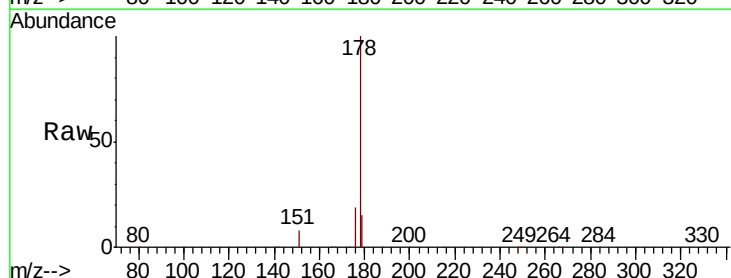
Tgt Ion:178 Resp: 44486

Ion Ratio Lower Upper

178 100

176 18.3 14.4 21.6

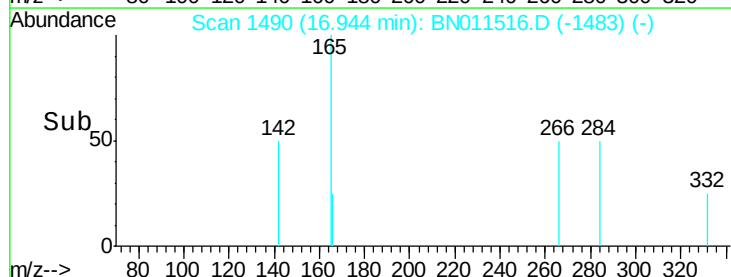
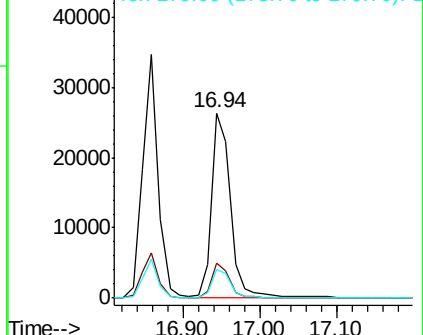
179 15.3 12.2 18.2

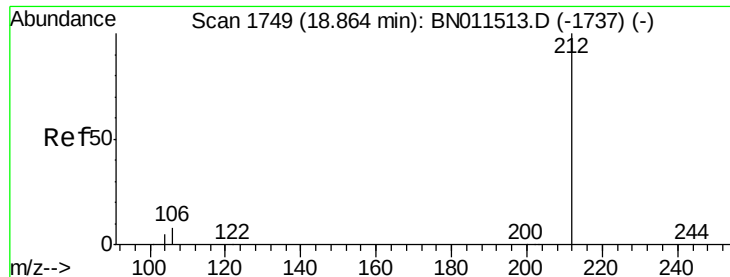


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 3.262 ng

RT: 18.86 min Scan# 1749

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

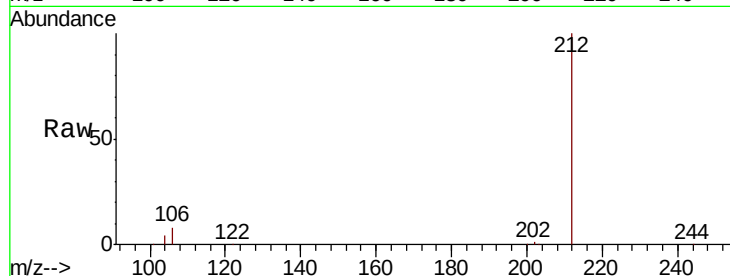
Tot Ion:212 Resp: 49471

Ion Ratio Lower Upper

212 100

106 8.2 6.0 9.0

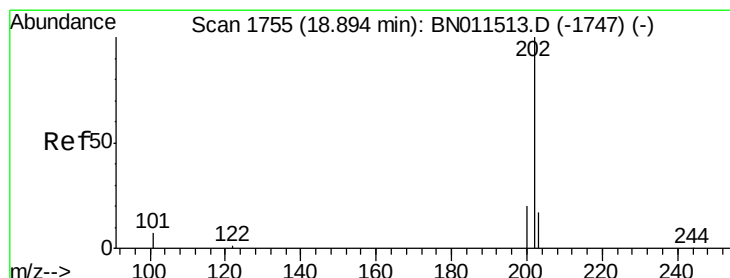
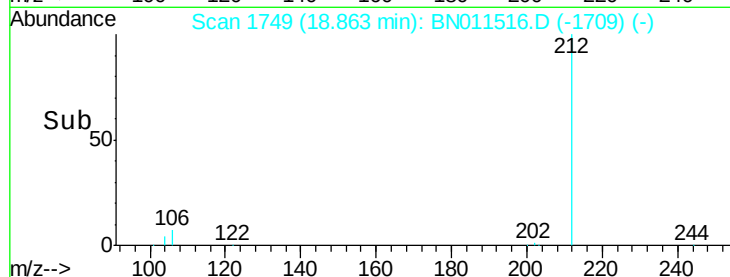
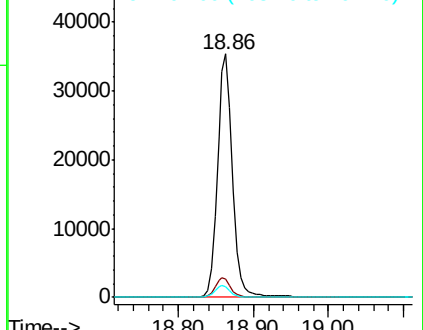
104 4.8 3.7 5.5



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: 3.298 ng

RT: 18.89 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

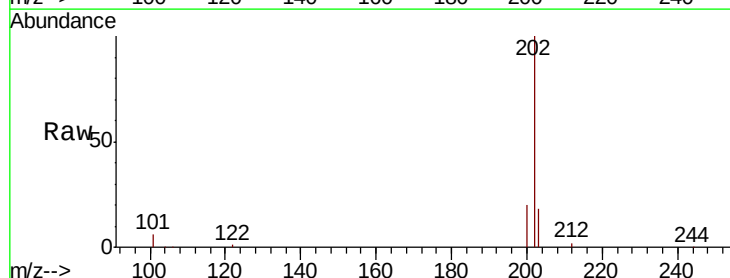
Tgt Ion:202 Resp: 60616

Ion Ratio Lower Upper

202 100

101 7.1 5.1 7.7

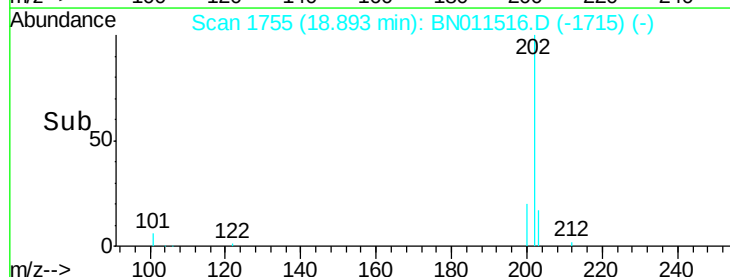
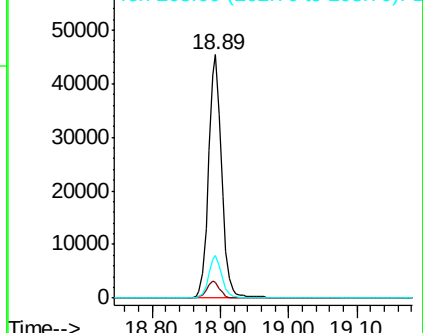
203 17.4 13.8 20.6

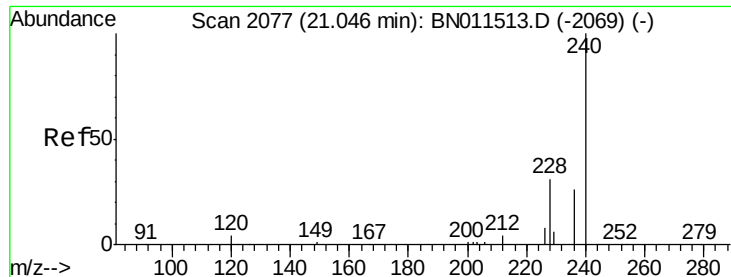


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

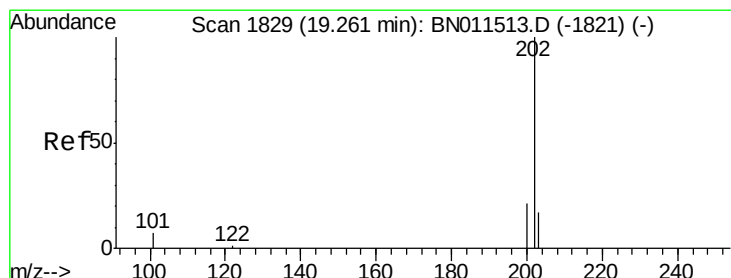
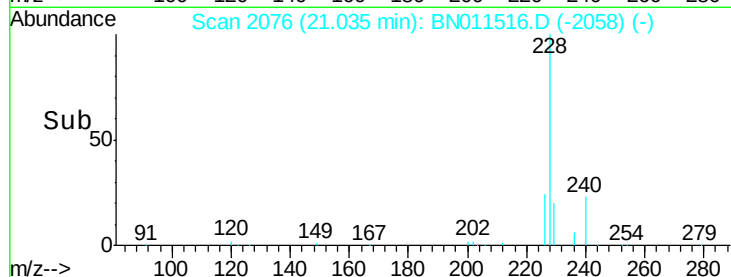
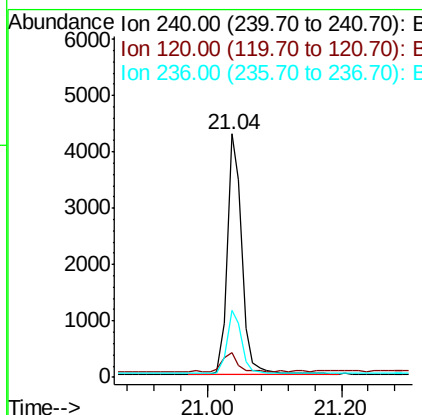
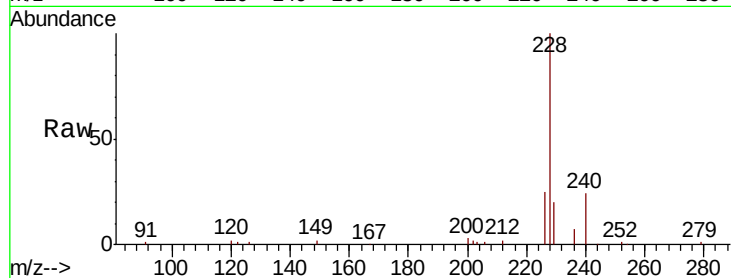




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.04 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BN011516.D
Acq: 19 Aug 2020 14:35

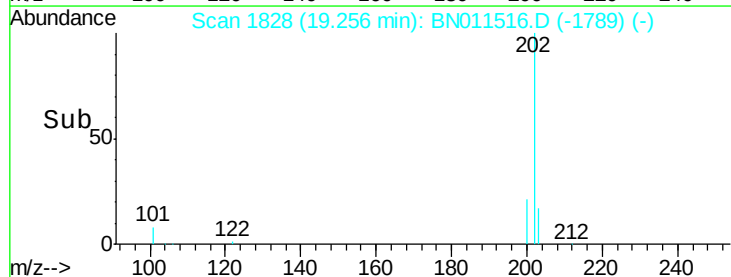
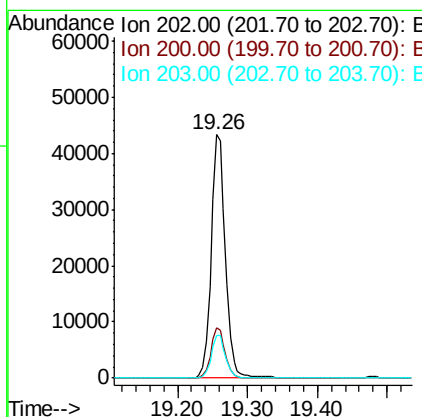
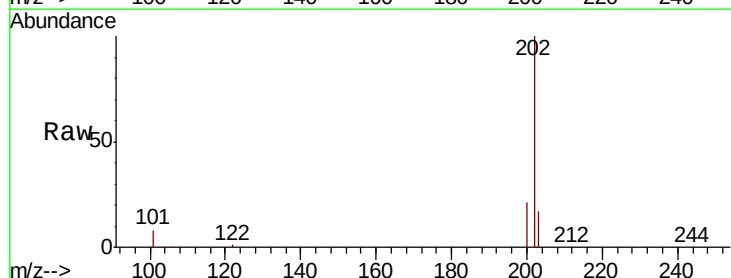
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

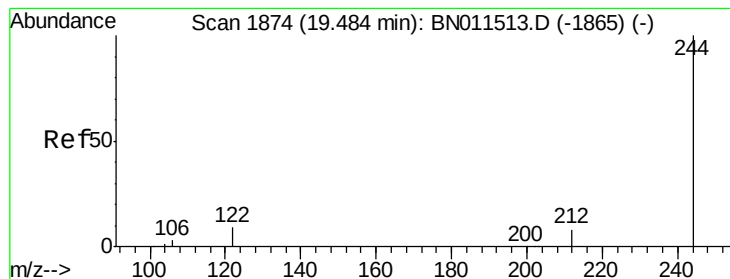
Tot Ion:240 Resp: 6440
Ion Ratio Lower Upper
240 100
120 10.1 6.0 9.0#
236 27.7 22.6 33.8



#30
Pyrene
Concen: 2.090 ng
RT: 19.26 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BN011516.D
Acq: 19 Aug 2020 14:35

Tgt Ion:202 Resp: 60674
Ion Ratio Lower Upper
202 100
200 20.4 16.6 25.0
203 17.5 13.9 20.9





#31

Terphenyl-d14

Concen: 2.170 ng

RT: 19.48 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

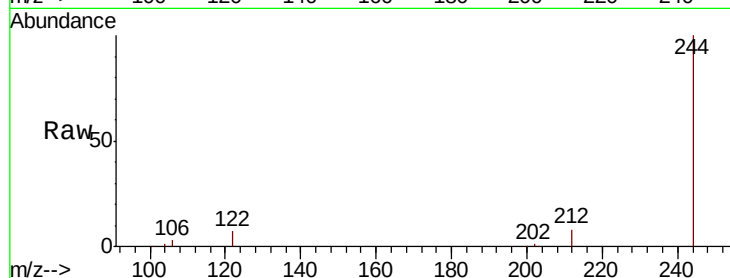
Tot Ion:244 Resp: 42302

Ion Ratio Lower Upper

244 100

212 8.1 8.2 12.4#

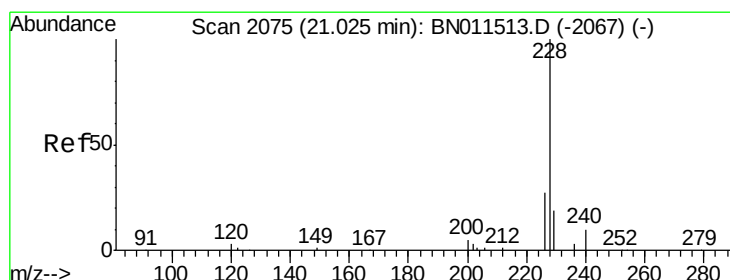
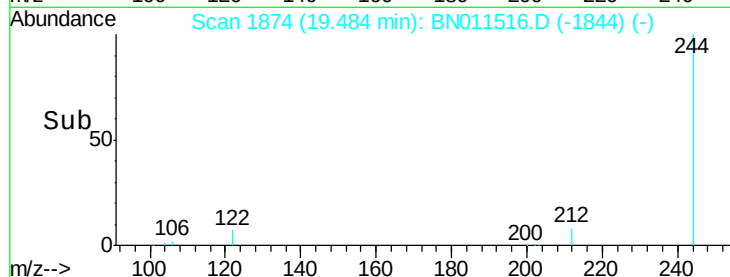
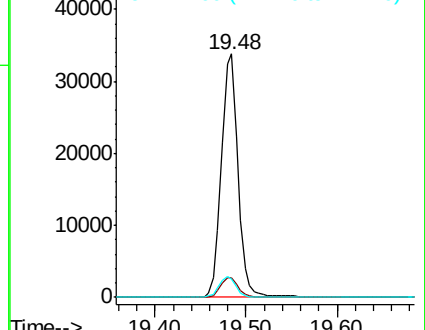
122 7.5 8.4 12.6#



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: 2.794 ng

RT: 21.02 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

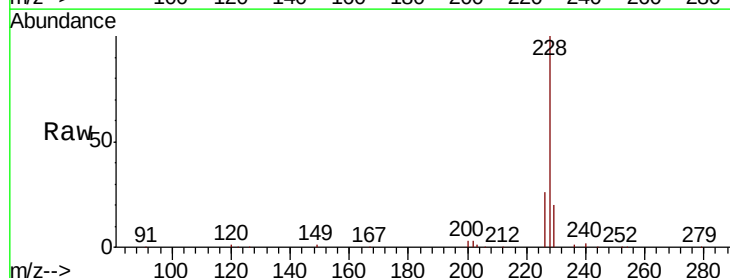
Tgt Ion:228 Resp: 60301

Ion Ratio Lower Upper

228 100

226 26.4 22.6 33.8

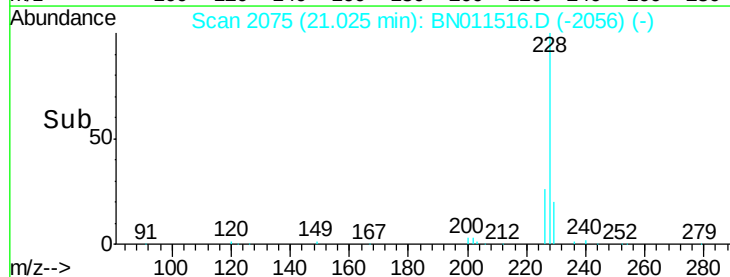
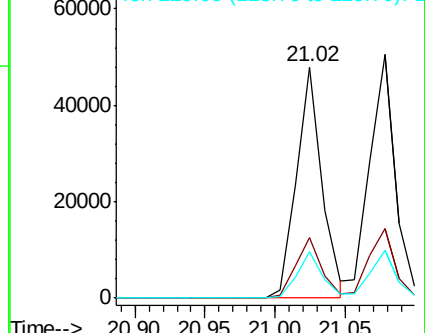
229 19.9 16.2 24.2

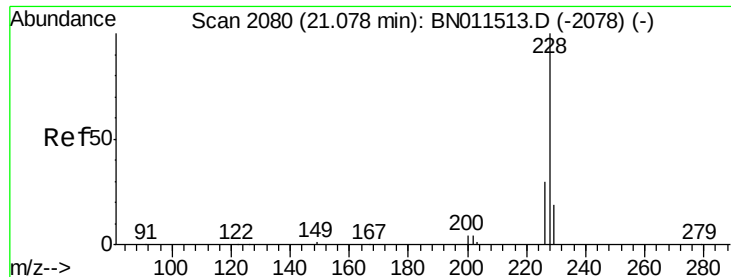


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 2.678 ng

RT: 21.08 min Scan# 2080

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

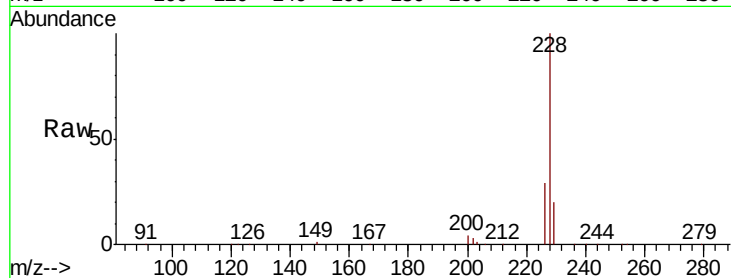
Tot Ion:228 Resp: 64837

Ion Ratio Lower Upper

228 100

226 28.5 24.6 37.0

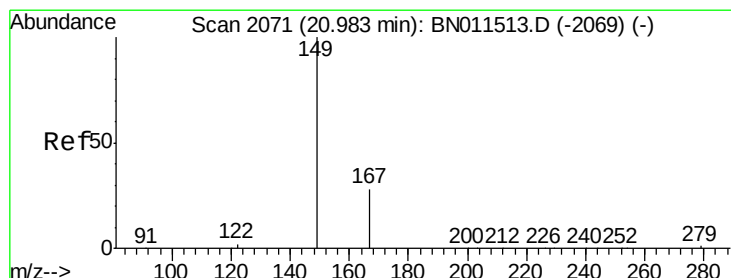
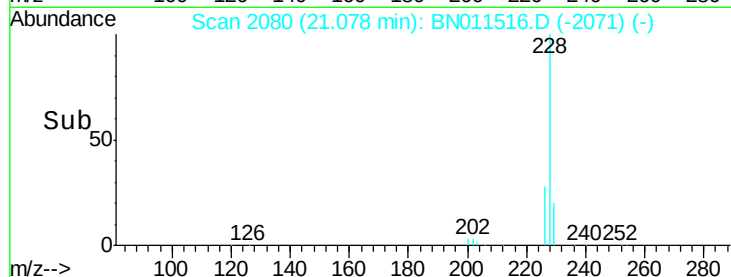
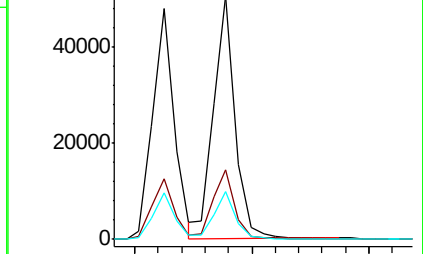
229 19.7 15.9 23.9



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: 1.753 ng

RT: 20.98 min Scan# 2071

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

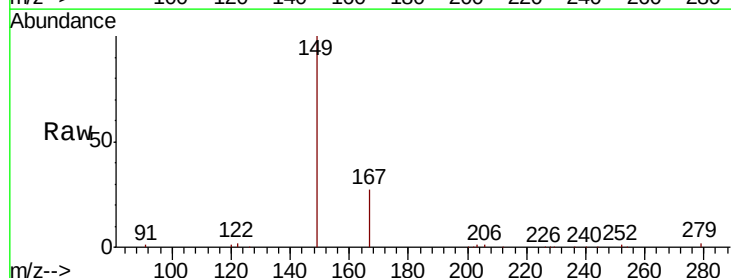
Tgt Ion:149 Resp: 20294

Ion Ratio Lower Upper

149 100

167 28.0 23.0 34.4

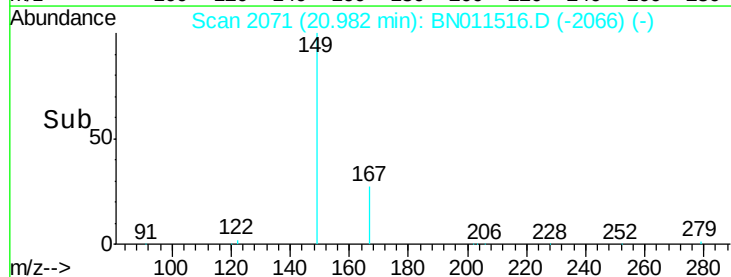
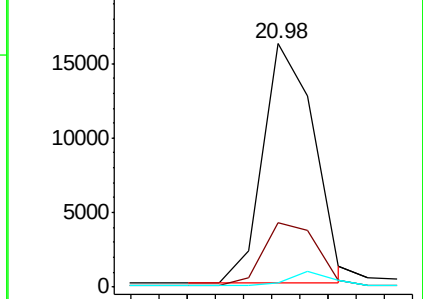
279 4.9 4.1 6.1

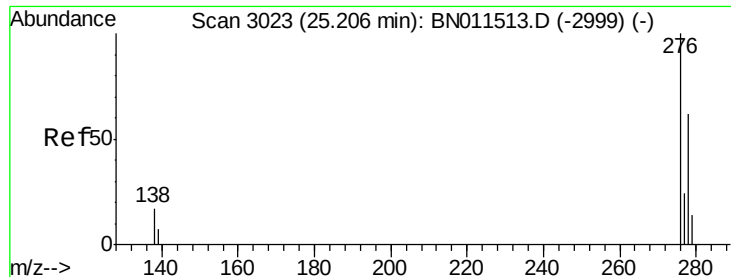


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

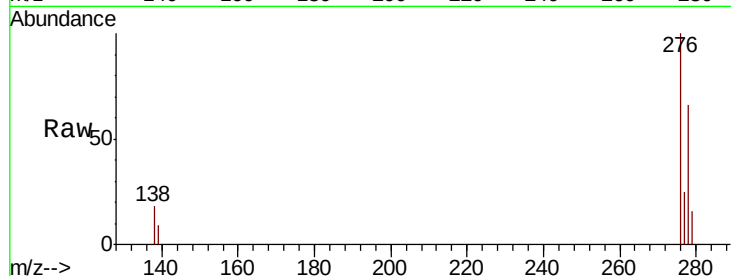




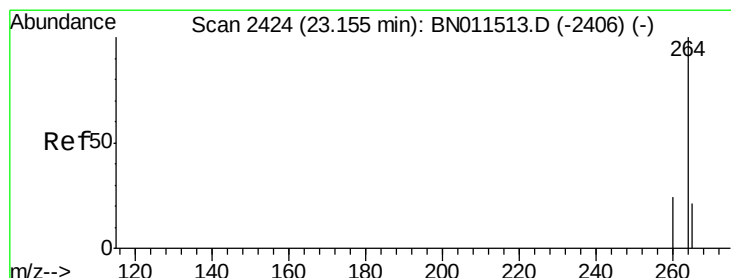
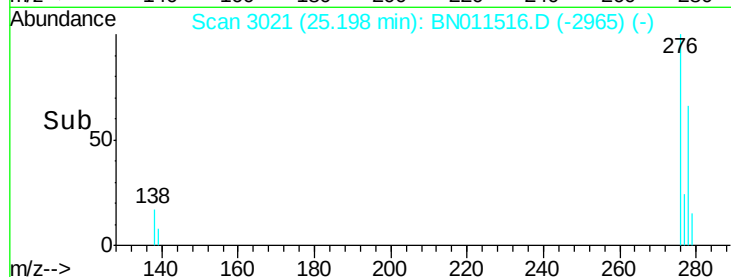
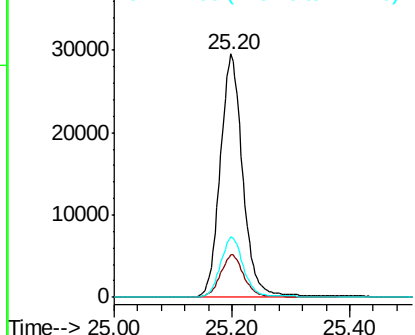
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 3.297 ng
 RT: 25.20 min Scan# 3021
 Delta R.T. -0.01 min
 Lab File: BN011516.D
 Acq: 19 Aug 2020 14:35

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

Tot Ion:276 Resp: 77960
 Ion Ratio Lower Upper
 276 100
 138 17.7 13.6 20.4
 277 24.7 19.8 29.8

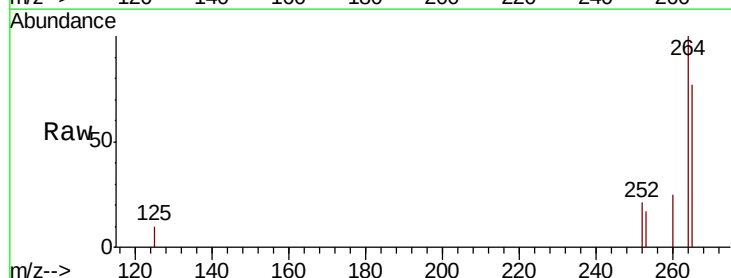


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

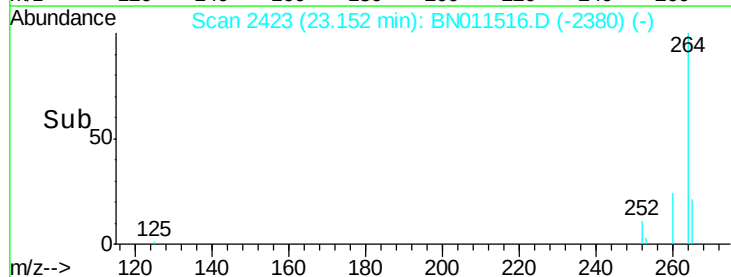
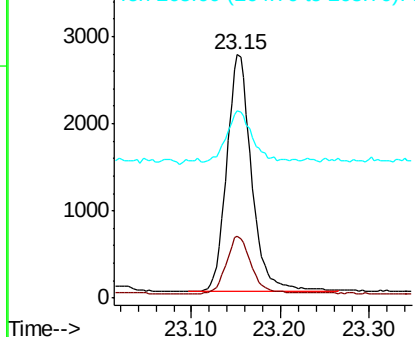


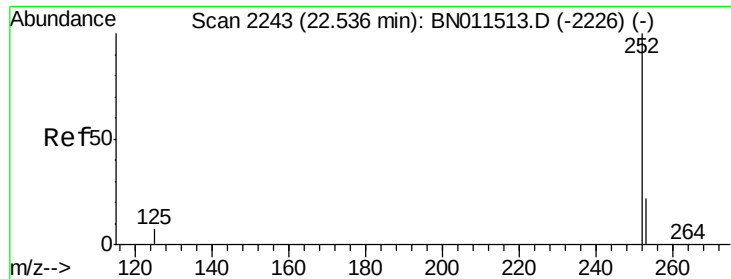
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.15 min Scan# 2423
 Delta R.T. -0.00 min
 Lab File: BN011516.D
 Acq: 19 Aug 2020 14:35

Tgt Ion:264 Resp: 5333
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.0 30.0
 265 77.0 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: 3.106 ng

RT: 22.53 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

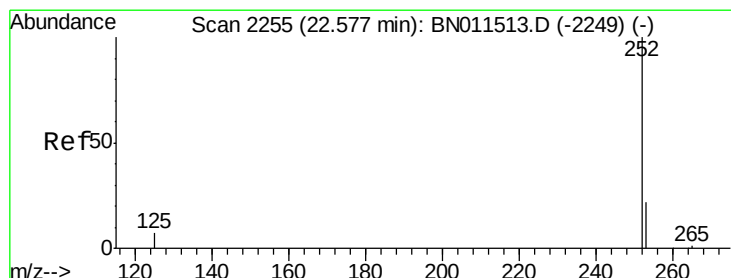
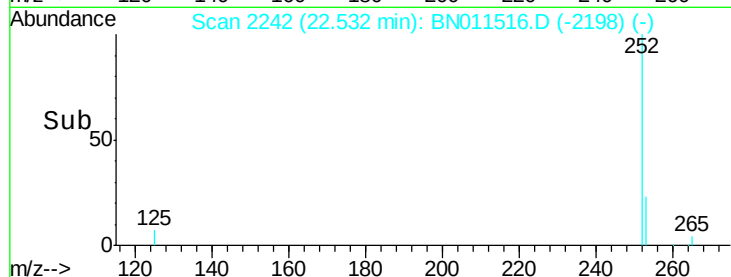
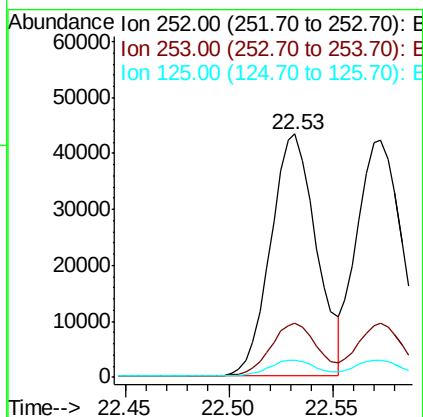
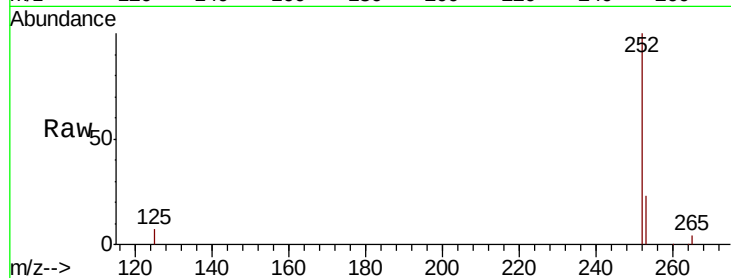
Tot Ion:252 Resp: 66052

Ion Ratio Lower Upper

252 100

253 22.5 23.0 34.6#

125 7.2 9.0 13.4#



#38

Benzo(k)fluoranthene

Concen: 2.858 ng

RT: 22.57 min Scan# 2254

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

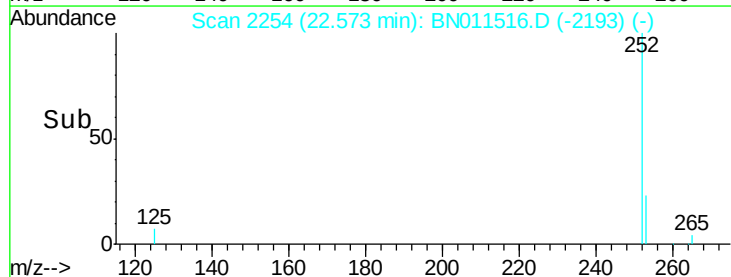
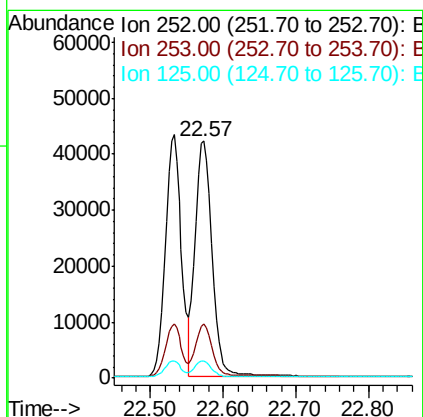
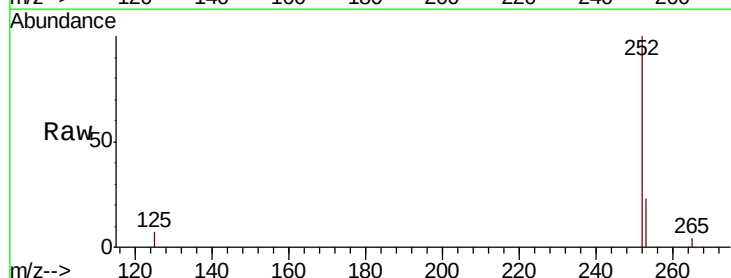
Tgt Ion:252 Resp: 66903

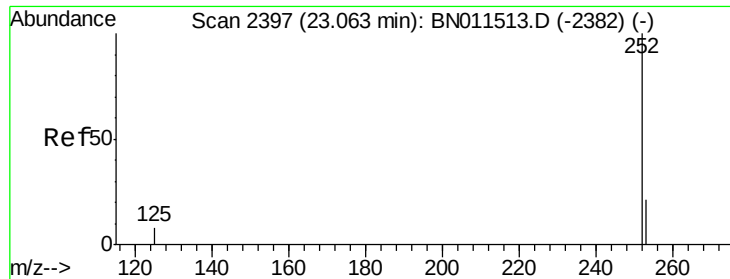
Ion Ratio Lower Upper

252 100

253 22.7 23.4 35.0#

125 7.2 9.7 14.5#





#39

Benzo(a)pyrene

Concen: 3.119 ng

RT: 23.06 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

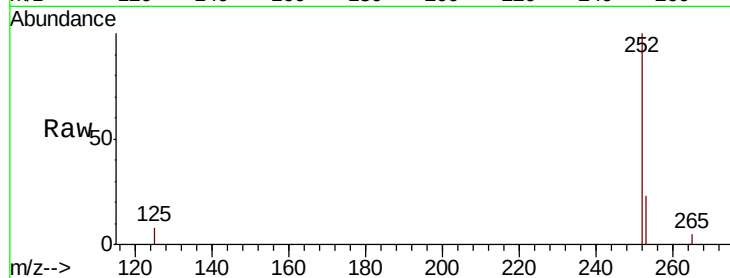
Tot Ion:252 Resp: 57564

Ion Ratio Lower Upper

252 100

253 22.6 25.4 38.0#

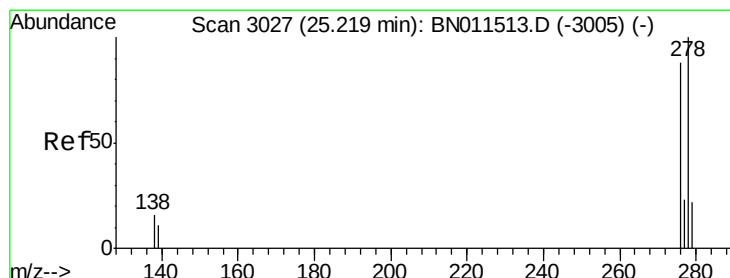
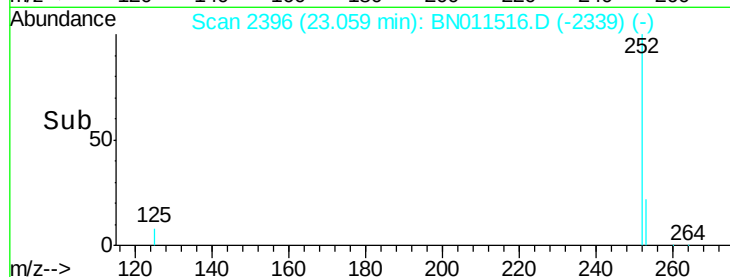
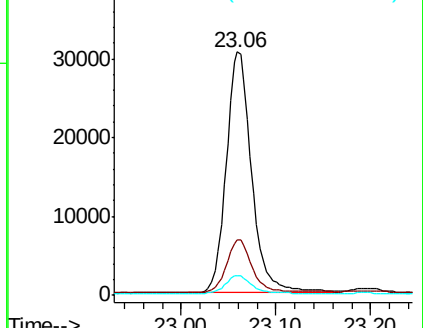
125 8.3 11.6 17.4#



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: 3.369 ng

RT: 25.21 min Scan# 3024

Delta R.T. -0.01 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

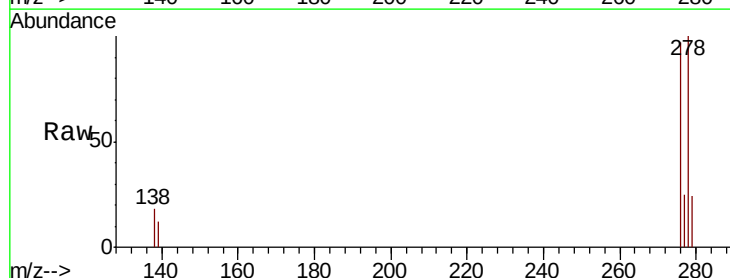
Tgt Ion:278 Resp: 64313

Ion Ratio Lower Upper

278 100

139 11.9 11.1 16.7

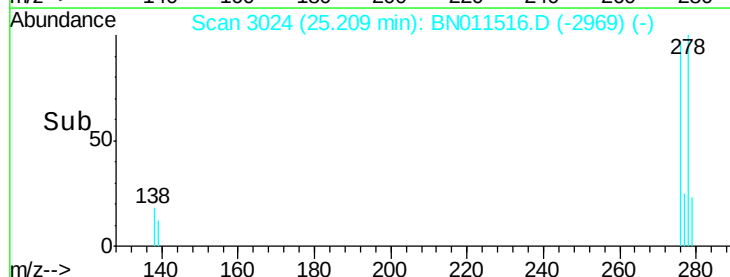
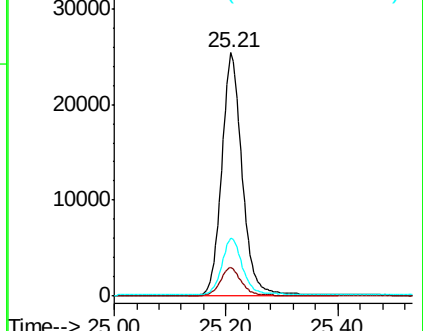
279 23.6 23.3 34.9

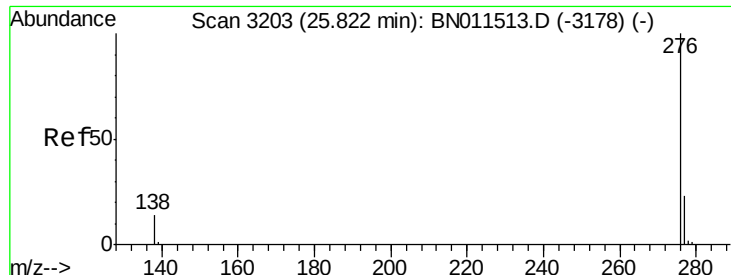


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.077 ng

RT: 25.82 min Scan# 3203

Delta R.T. -0.00 min

Lab File: BN011516.D

Acq: 19 Aug 2020 14:35

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

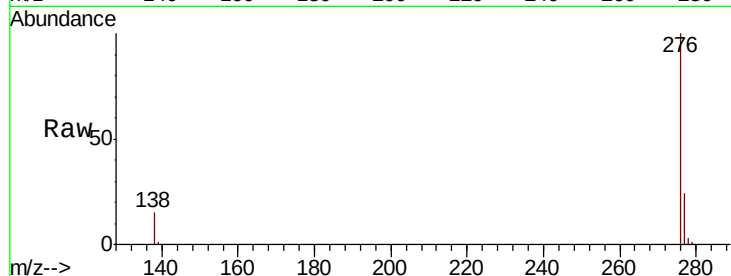
Tot Ion: 276 Resp: 65139

Ion Ratio Lower Upper

276 100

277 24.0 20.5 30.7

138 15.2 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

