

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071120\
 Data File : BN011145.D
 Acq On : 10 Jul 2020 12:33
 Operator : CG/JU
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC3.2

Quant Time: Jul 10 13:04:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 10 11:21:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	1820	0.40	ng	0.00
7) Naphthalene-d8	10.25	136	5480	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	2885	0.40	ng	0.00
19) Phenanthrene-d10	16.89	188	5806	0.40	ng	0.00
29) Chrysene-d12	21.09	240	6189	0.40	ng	-0.01
36) Perylene-d12	23.24	264	5372	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.17	112	14535	3.21	ng	0.00
5) Phenol-d6	6.71	99	16291	3.13	ng	0.00
8) Nitrobenzene-d5	8.64	82	15869	3.41	ng	-0.01
11) 2-Methylnaphthalene-d10	11.85	152	29108	3.07	ng	0.00
14) 2,4,6-Tribromophenol	15.63	330	4158	3.43	ng	-0.01
15) 2-Fluorobiphenyl	12.74	172	41570	3.06	ng	-0.01
27) Fluoranthene-d10	18.92	212	55601	3.17	ng	0.00
31) Terphenyl-d14	19.54	244	47203	2.93	ng	0.00

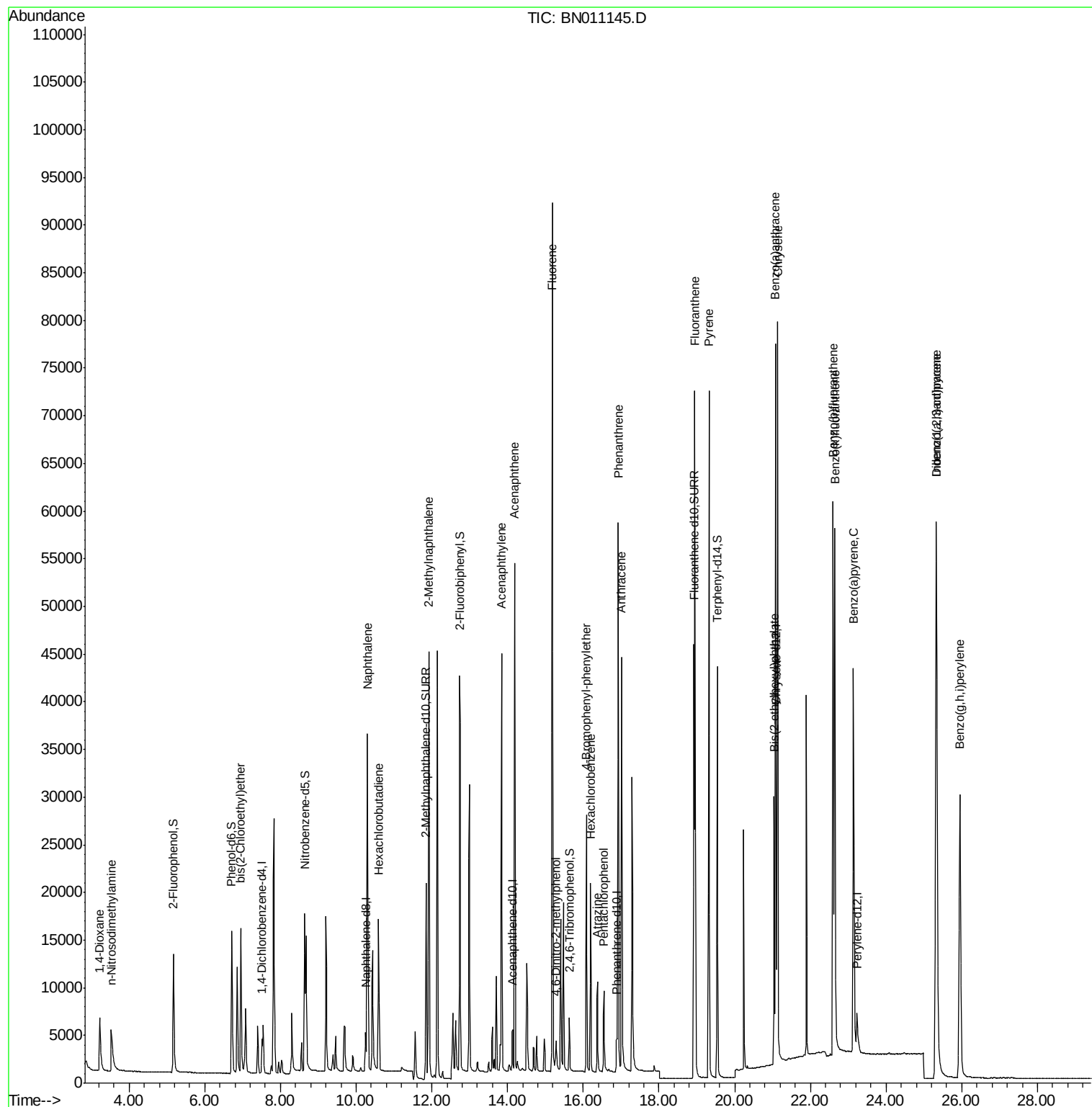
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.22	88	7778	3.030	ng	97
3) n-Nitrosodimethylamine	3.53	42	4566	3.521	ng	# 97
6) bis(2-Chloroethyl)ether	6.95	93	14192	3.001	ng	95
9) Naphthalene	10.30	128	49277	3.011	ng	97
10) Hexachlorobutadiene	10.60	225	12175	2.937	ng	# 99
12) 2-Methylnaphthalene	11.92	142	33002	3.017	ng	96
16) Acenaphthylene	13.84	152	46816	3.237	ng	99
17) Acenaphthene	14.18	154	29811	3.041	ng	100
18) Fluorene	15.19	166	38070	3.108	ng	99
20) 4,6-Dinitro-2-methylphenol	15.27	198	3391	5.467	ng	# 68
21) 4-Bromophenyl-phenylether	16.08	248	13113	3.398	ng	94
22) Hexachlorobenzene	16.19	284	13452	2.958	ng	99
23) Atrazine	16.38	200	9193	3.370	ng	# 91
24) Pentachlorophenol	16.55	266	4612	3.768	ng	96
25) Phenanthrene	16.92	178	58536	3.113	ng	99
26) Anthracene	17.01	178	52195	3.355	ng	99
28) Fluoranthene	18.95	202	69132	3.269	ng	99
30) Pyrene	19.32	202	67960	2.943	ng	99
32) Benzo(a)anthracene	21.08	228	62416	3.018	ng	97
33) Chrysene	21.13	228	70105	2.954	ng	98
34) Bis(2-ethylhexyl)phthalate	21.04	149	23258	2.782	ng	98
35) Indeno(1,2,3-cd)pyrene	25.32	276	74380	2.998	ng	97
37) Benzo(b)fluoranthene	22.60	252	71878	3.338	ng	# 89
38) Benzo(k)fluoranthene	22.64	252	71607	3.107	ng	# 88
39) Benzo(a)pyrene	23.14	252	61052	3.289	ng	# 83
40) Dibenzo(a,h)anthracene	25.34	278	60507	3.182	ng	# 90
41) Benzo(g,h,i)perylene	25.95	276	63183	3.016	ng	97

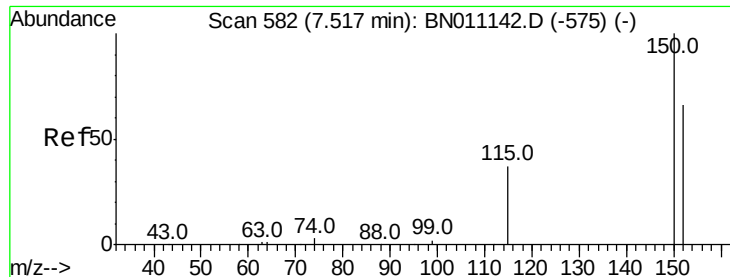
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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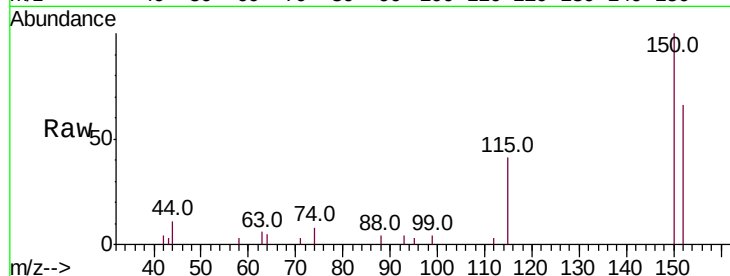


#1

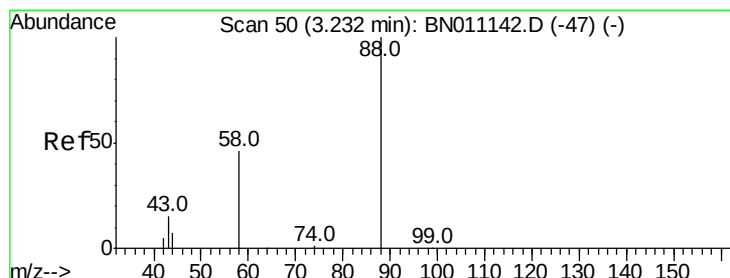
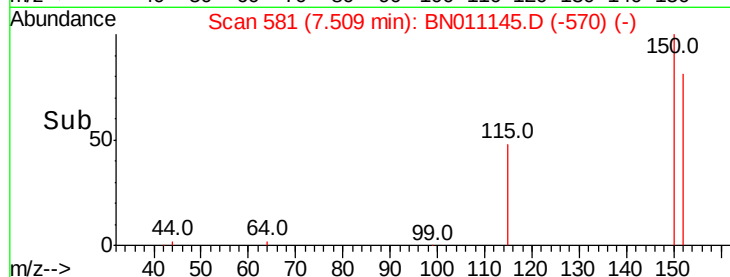
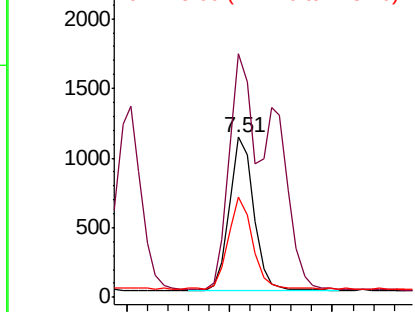
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.51 min Scan# 581
Delta R.T. -0.01 min
Lab File: BN011145.D
Acq: 10 Jul 2020 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tot Ion:152 Resp: 1820
Ion Ratio Lower Upper
152 100
150 152.3 119.4 179.0
115 62.9 48.3 72.5



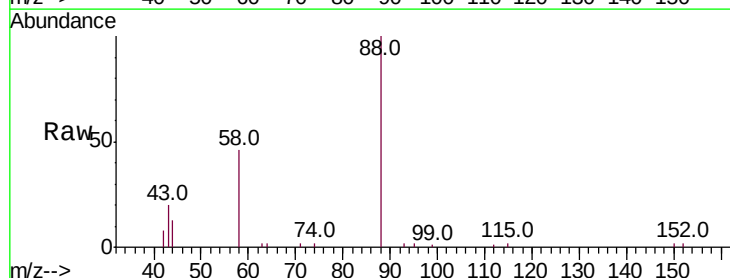
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



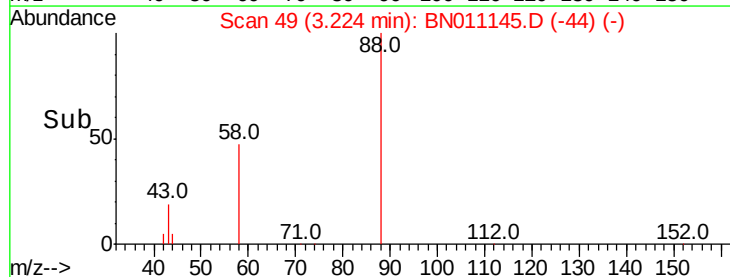
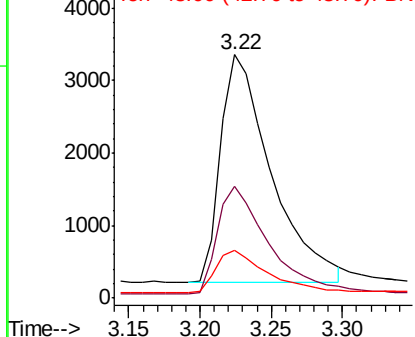
#2

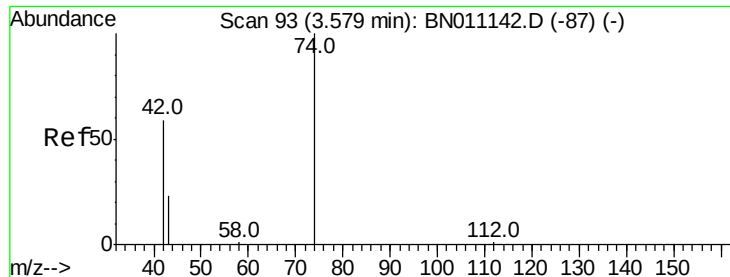
1,4-Dioxane
Concen: 3.030 ng
RT: 3.22 min Scan# 49
Delta R.T. -0.01 min
Lab File: BN011145.D
Acq: 10 Jul 2020 12:33

Tgt Ion: 88 Resp: 7778
Ion Ratio Lower Upper
88 100
58 47.3 36.5 54.7
43 19.0 14.3 21.5



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: 3.521 ng

RT: 3.53 min Scan# 87

Delta R.T. -0.05 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

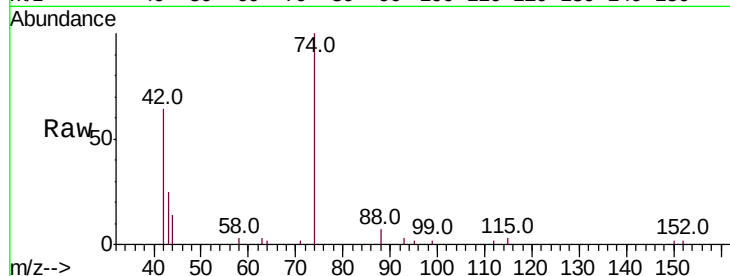
Tot Ion: 42 Resp: 4566

Ion Ratio Lower Upper

42 100

74 172.0 140.9 211.3

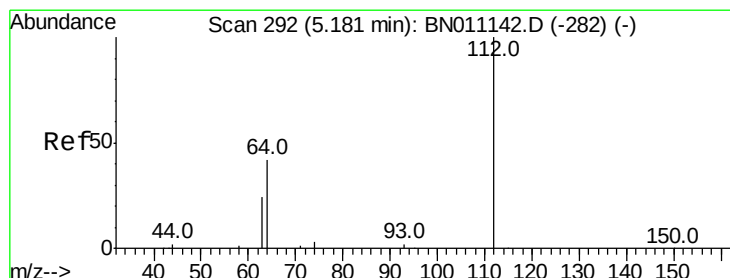
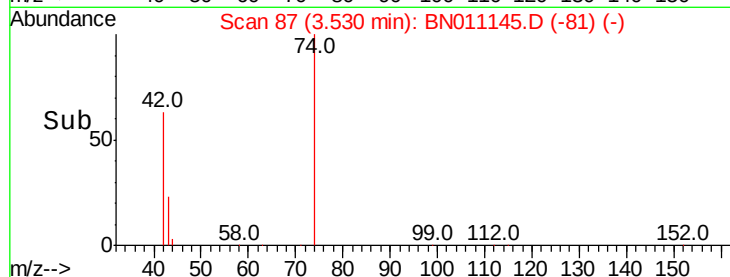
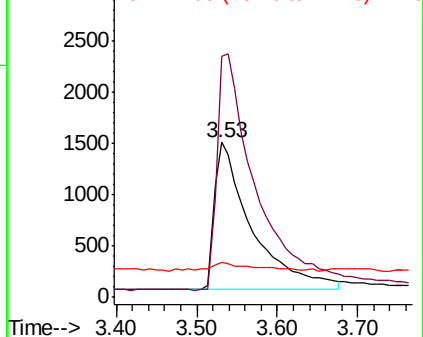
44 6.7 7.6 11.4#



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: 3.209 ng

RT: 5.17 min Scan# 291

Delta R.T. -0.01 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

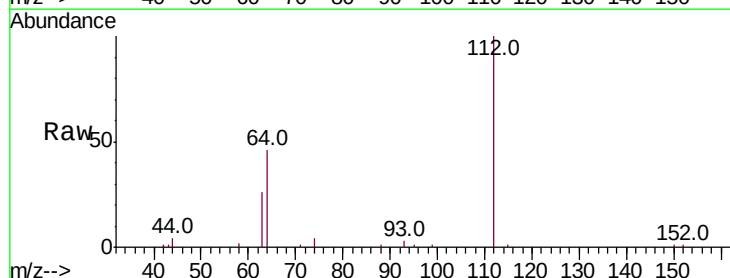
Tgt Ion: 112 Resp: 14535

Ion Ratio Lower Upper

112 100

64 46.1 36.7 55.1

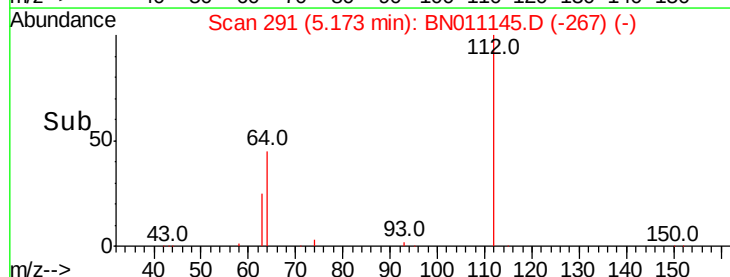
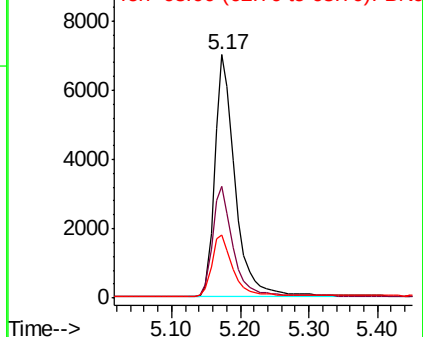
63 26.4 20.4 30.6

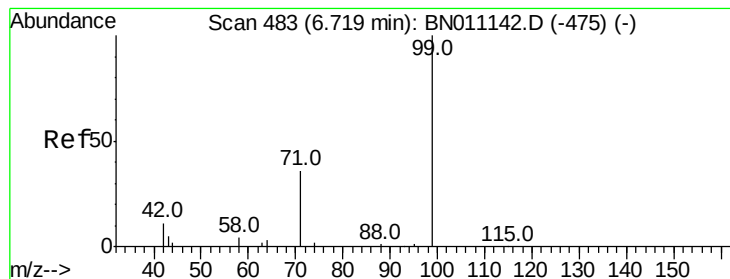


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 3.129 ng

RT: 6.71 min Scan# 482

Delta R.T. -0.01 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

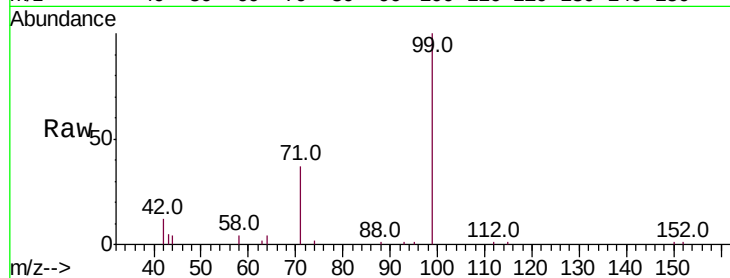
Tot Ion: 99 Resp: 16291

Ion Ratio Lower Upper

99 100

42 14.1 10.8 16.2

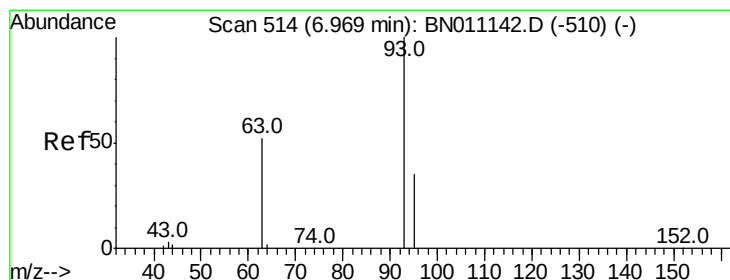
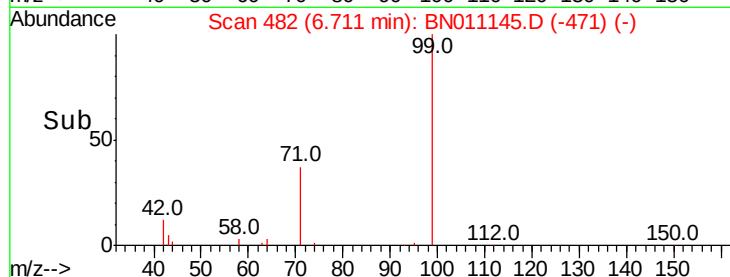
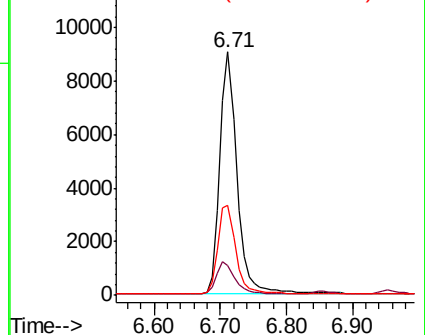
71 39.0 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BN011145.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011145.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011145.D (-475) (-)



#6

bis(2-Chloroethyl)ether

Concen: 3.001 ng

RT: 6.95 min Scan# 512

Delta R.T. -0.02 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

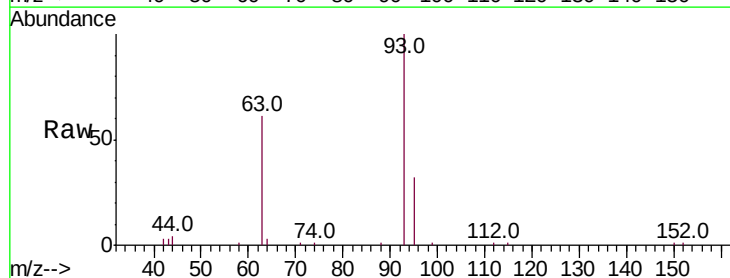
Tgt Ion: 93 Resp: 14192

Ion Ratio Lower Upper

93 100

63 55.7 47.4 71.0

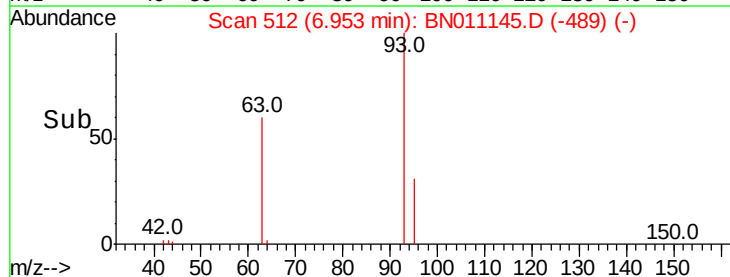
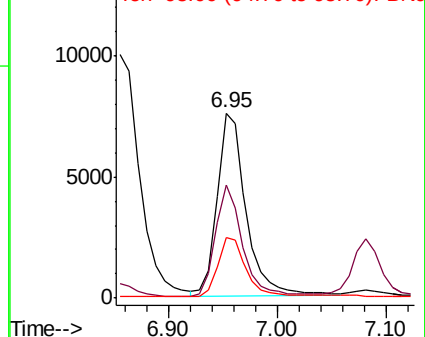
95 31.7 28.1 42.1

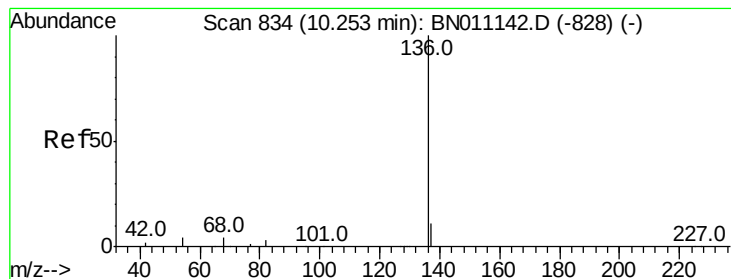


Abundance Ion 93.00 (92.70 to 93.70): BN011145.D (-489) (-)

Ion 63.00 (62.70 to 63.70): BN011145.D (-489) (-)

Ion 95.00 (94.70 to 95.70): BN011145.D (-489) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.25 min Scan# 834

Delta R.T. 0.00 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

Tot Ion:136 Resp: 5480

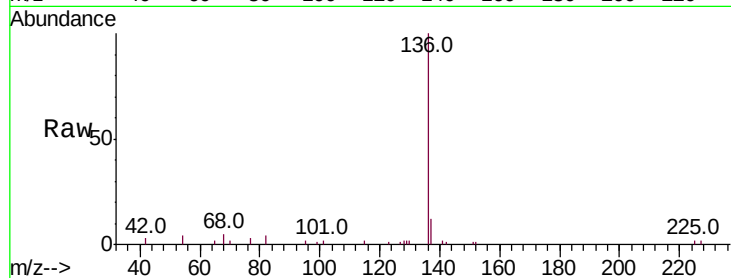
Ion Ratio Lower Upper

136 100

137 12.2 10.3 15.5

54 4.4 4.9 7.3#

68 5.0 4.9 7.3

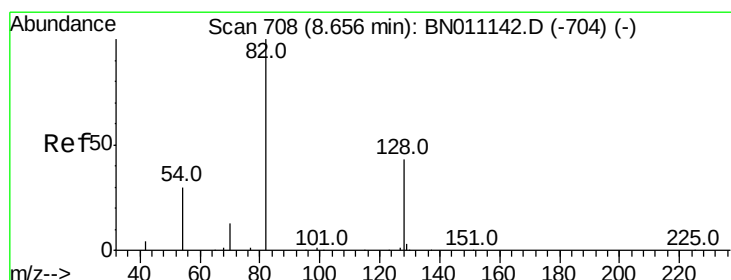
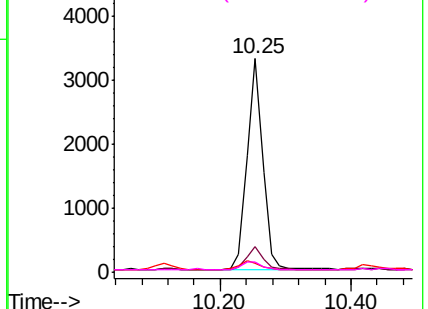
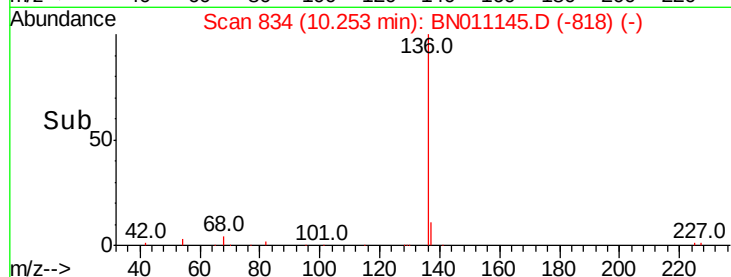


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 3.407 ng

RT: 8.64 min Scan# 707

Delta R.T. -0.01 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

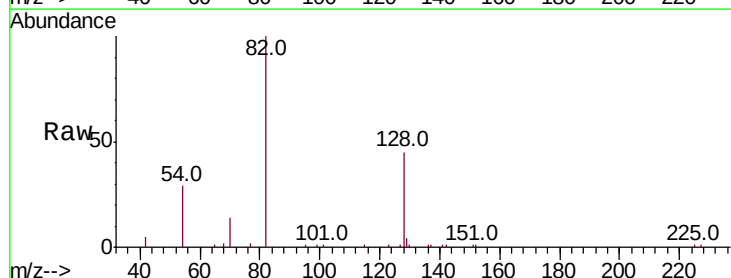
Tgt Ion: 82 Resp: 15869

Ion Ratio Lower Upper

82 100

128 45.5 38.1 57.1

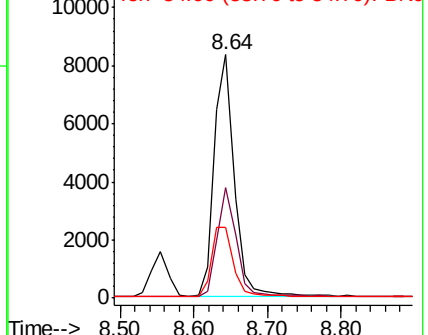
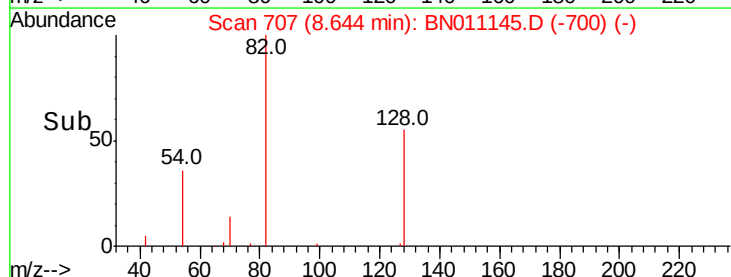
54 29.3 27.1 40.7

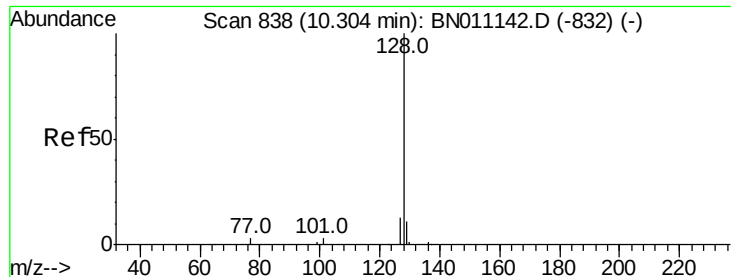


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 3.011 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

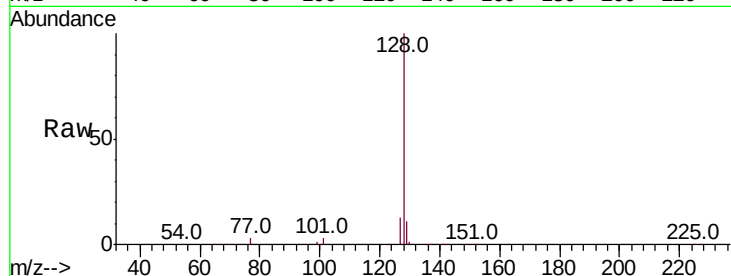
Tot Ion:128 Resp: 49277

Ion Ratio Lower Upper

128 100

129 11.1 9.8 14.6

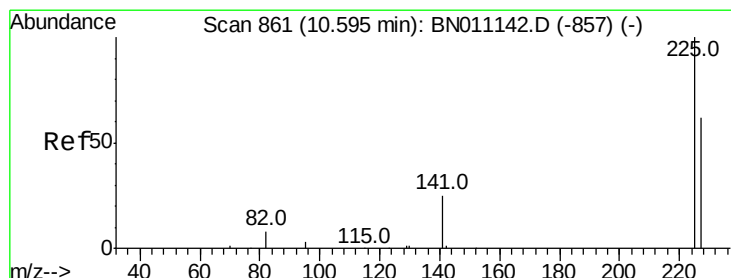
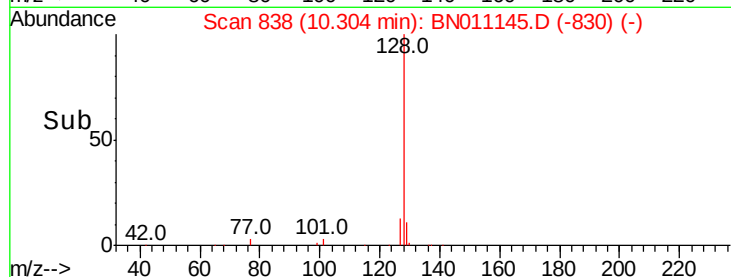
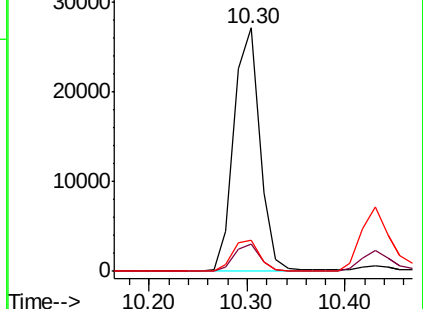
127 13.1 11.8 17.6



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: 2.937 ng

RT: 10.60 min Scan# 861

Delta R.T. 0.00 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

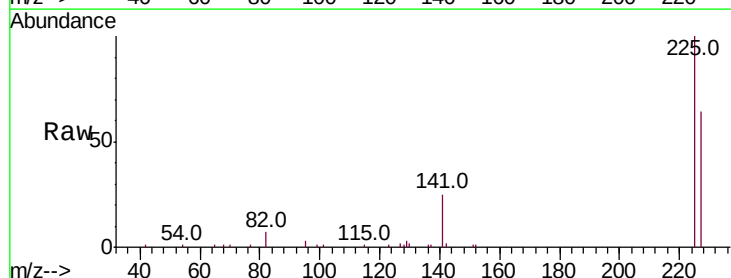
Tgt Ion:225 Resp: 12175

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

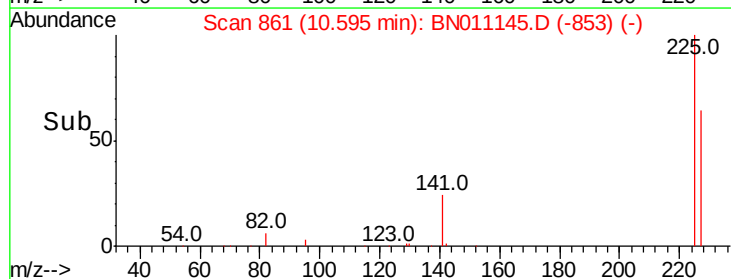
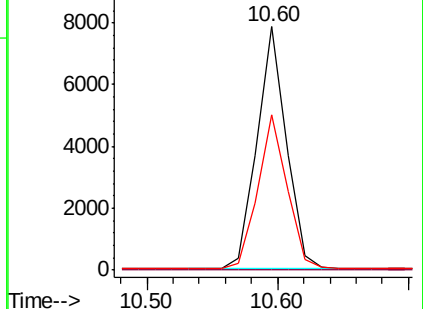
227 63.5 51.2 76.8

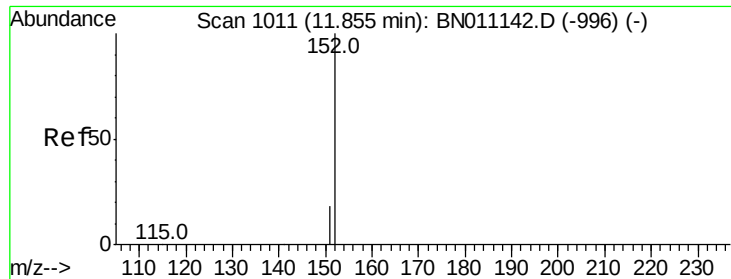


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

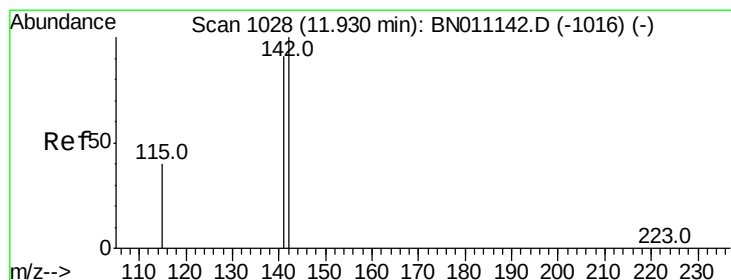
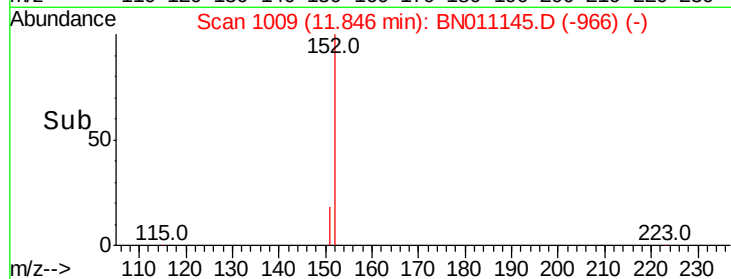
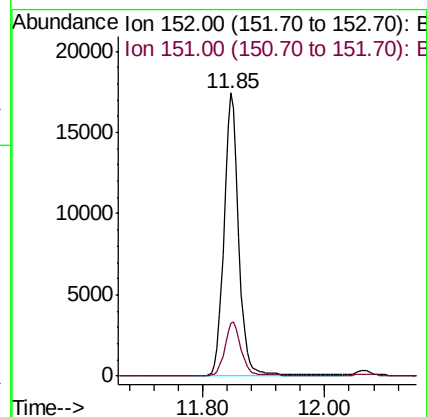
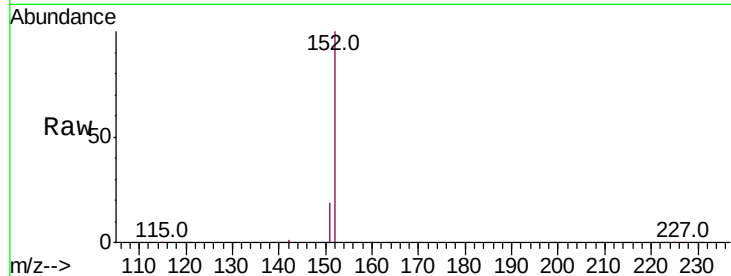




#11
2-Methylnaphthalene-d10
Concen: 3.069 ng
RT: 11.85 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BN011145.D
Acq: 10 Jul 2020 12:33

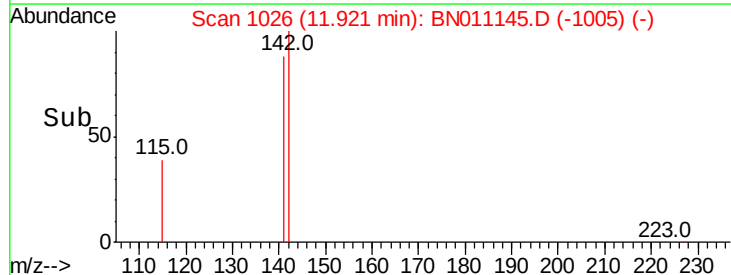
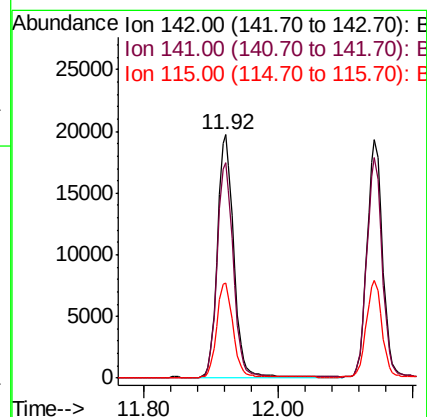
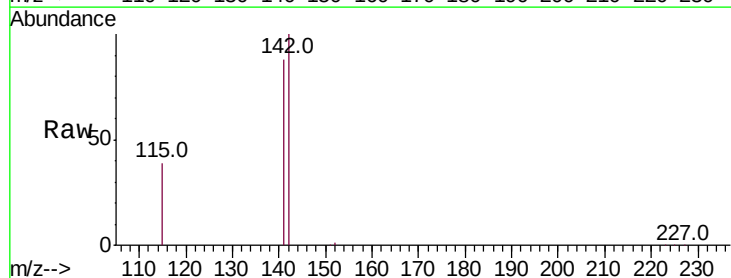
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

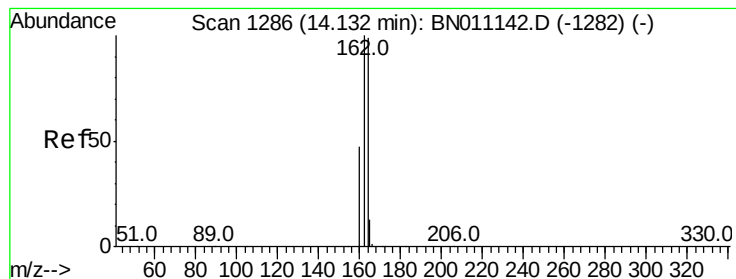
Tot Ion:152 Resp: 29108
Ion Ratio Lower Upper
152 100
151 20.8 16.5 24.7



#12
2-Methylnaphthalene
Concen: 3.017 ng
RT: 11.92 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BN011145.D
Acq: 10 Jul 2020 12:33

Tgt Ion:142 Resp: 33002
Ion Ratio Lower Upper
142 100
141 88.2 72.7 109.1
115 38.9 33.8 50.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.13 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

Instrument :

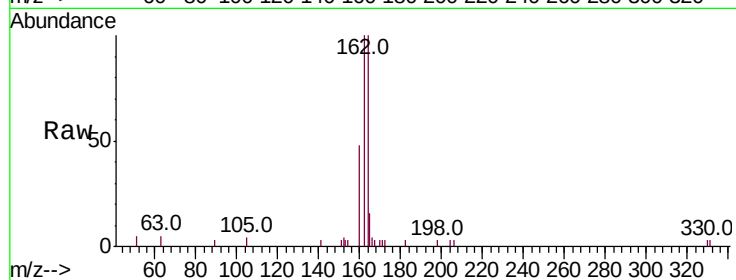
BNA_N

ClientSampleId :

SSTDICC3.2

Tot Ion:164 Resp: 2885

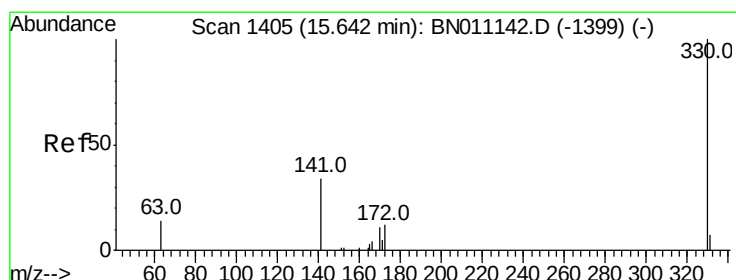
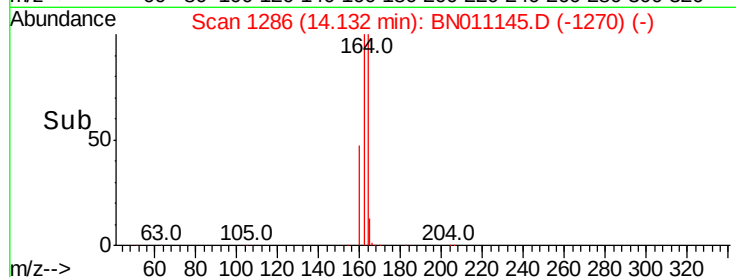
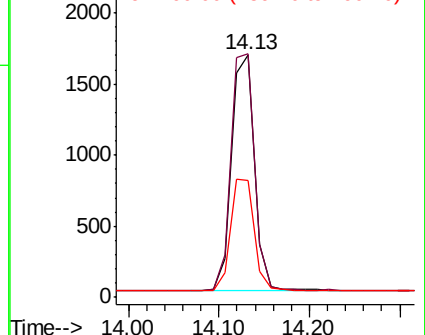
Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.0	121.4
160	48.2	39.0	58.6



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: 3.431 ng

RT: 15.63 min Scan# 1404

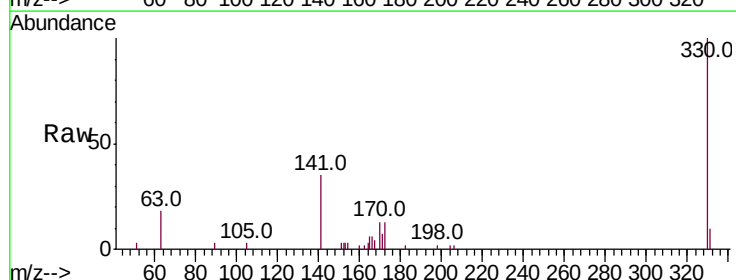
Delta R.T. -0.01 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

Tgt Ion:330 Resp: 4158

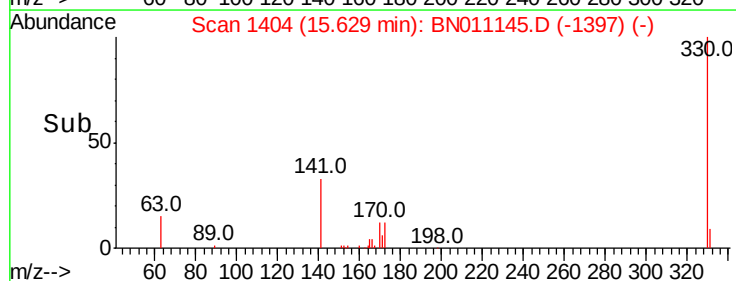
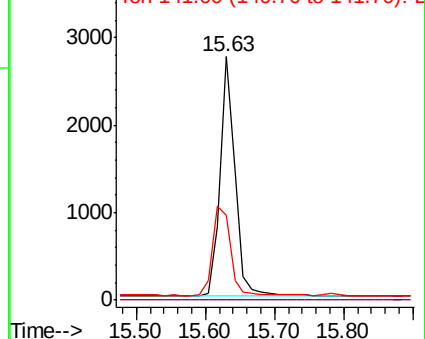
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.7	31.5	47.3

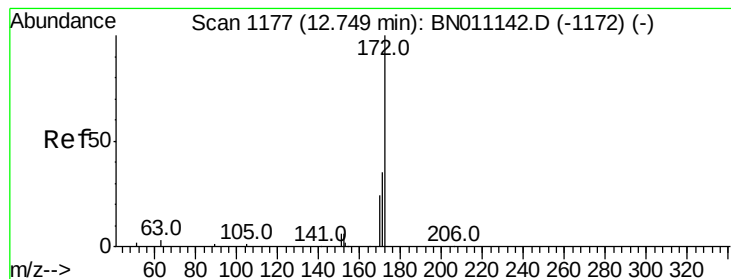


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 3.059 ng

RT: 12.74 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

Instrument :

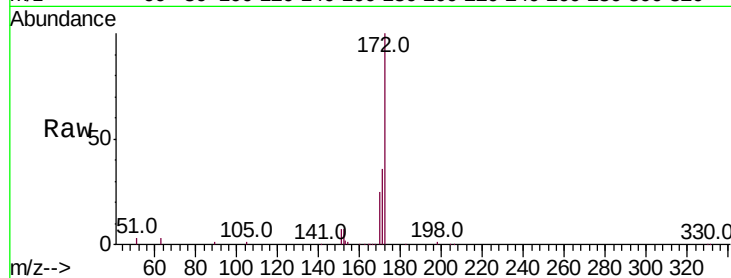
BNA_N

ClientSampleId :

SSTDICC3.2

Tot Ion:172 Resp: 41570

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.6	20.3	30.5

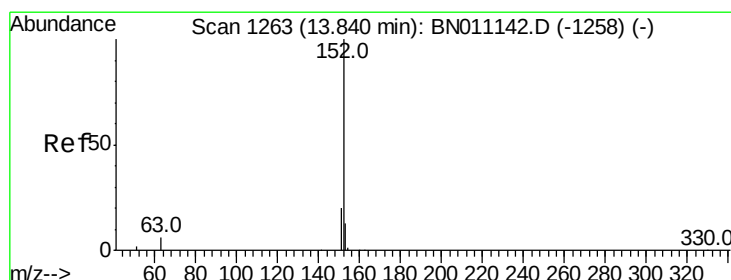
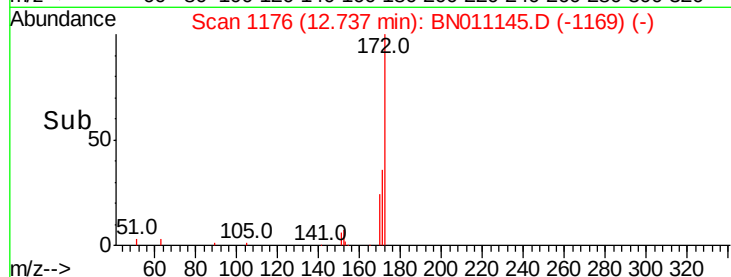
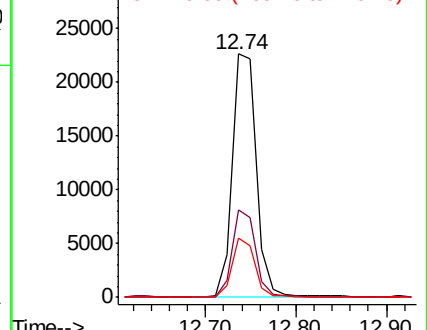


Abundance

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: 3.237 ng

RT: 13.84 min Scan# 1263

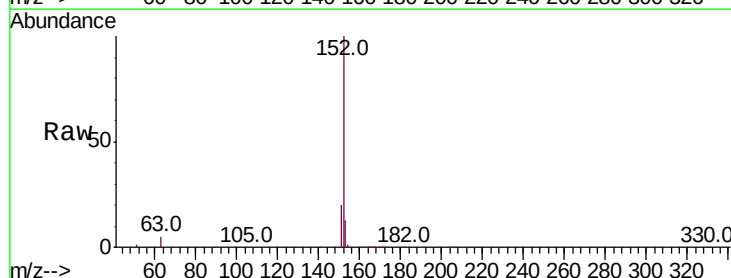
Delta R.T. 0.00 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

Tgt Ion:152 Resp: 46816

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	12.9	10.6	15.8

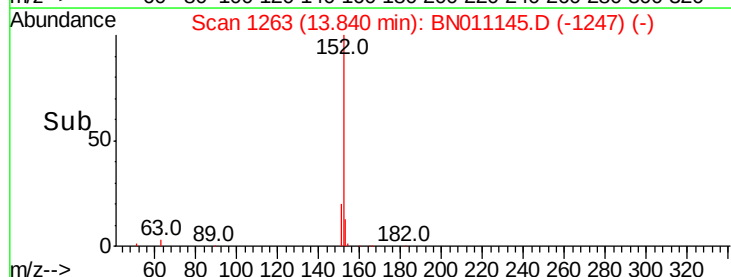
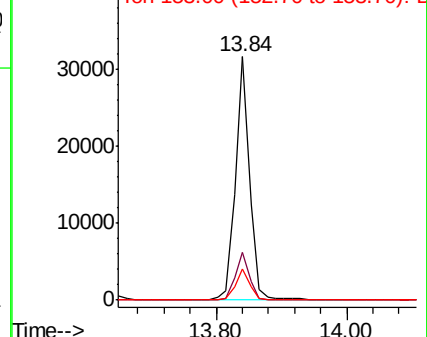


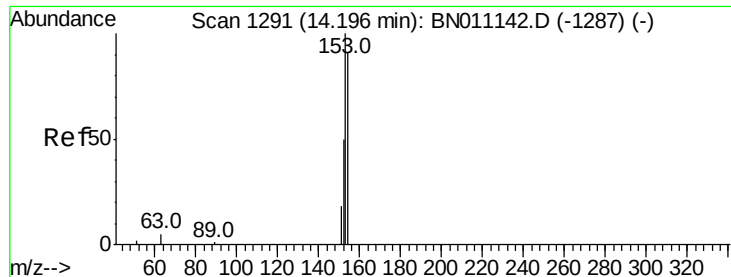
Abundance

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: 3.041 ng

RT: 14.18 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

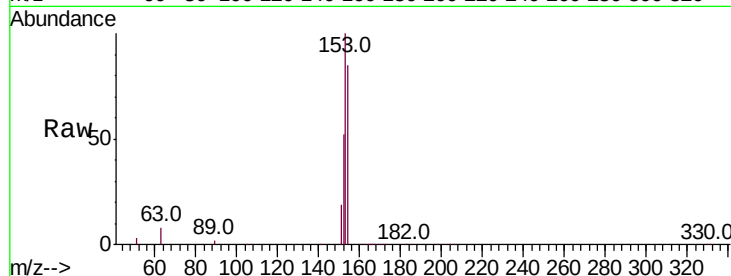
Tot Ion:154 Resp: 29811

Ion Ratio Lower Upper

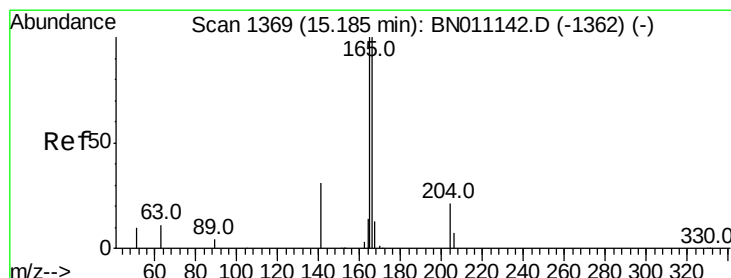
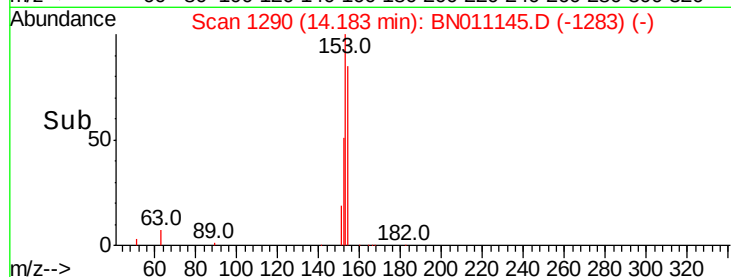
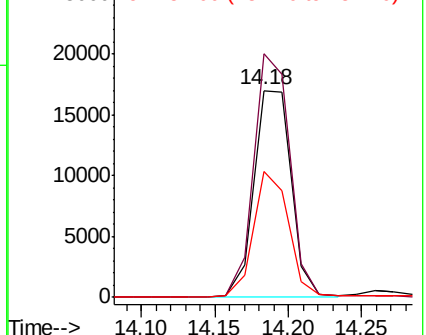
154 100

153 114.4 91.3 136.9

152 57.6 46.6 69.8



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: 3.108 ng

RT: 15.19 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

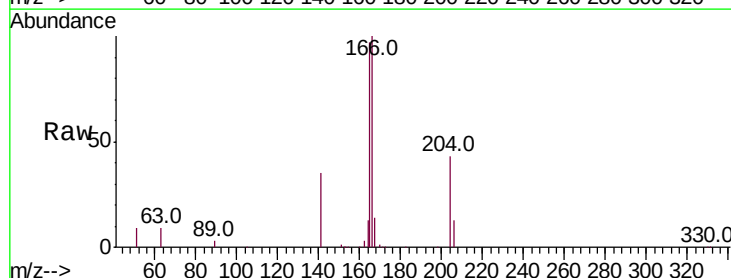
Tgt Ion:166 Resp: 38070

Ion Ratio Lower Upper

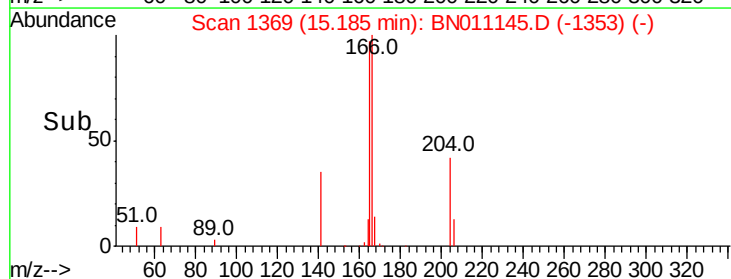
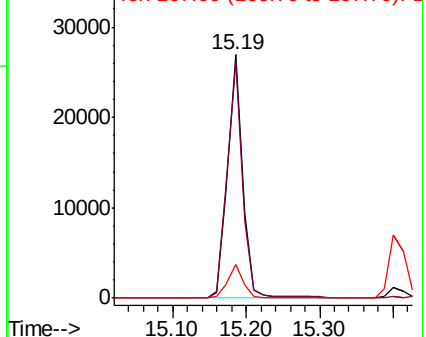
166 100

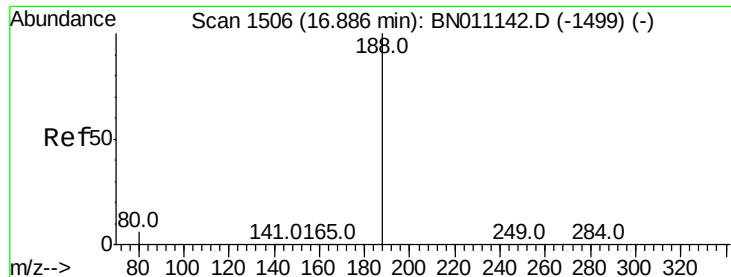
165 98.0 79.1 118.7

167 13.6 10.5 15.7



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

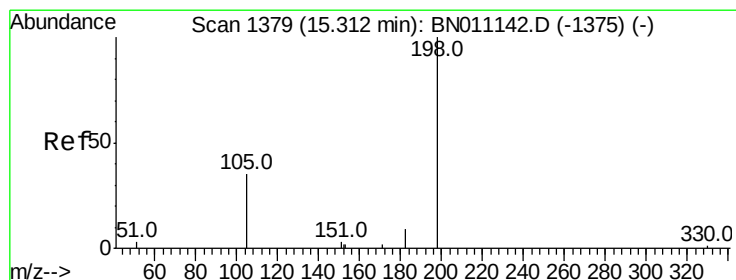
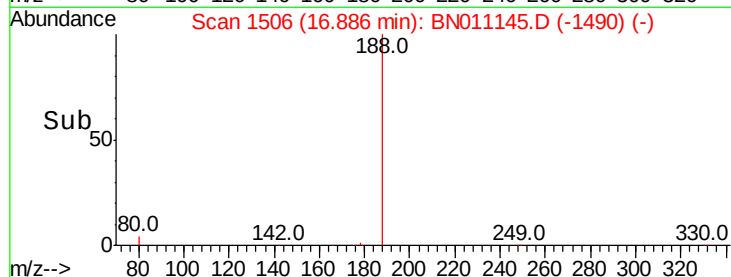
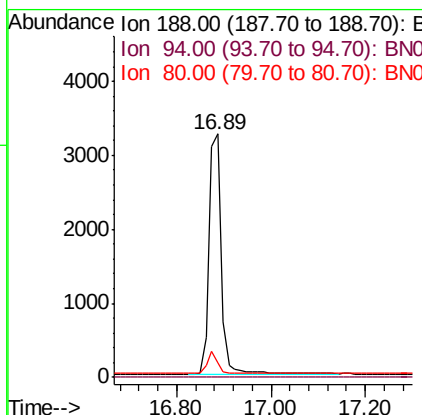




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.89 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BN011145.D
Acq: 10 Jul 2020 12:33

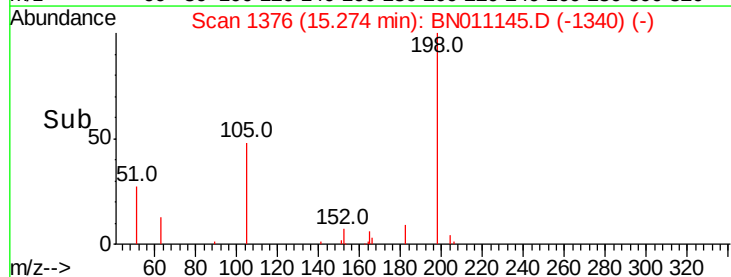
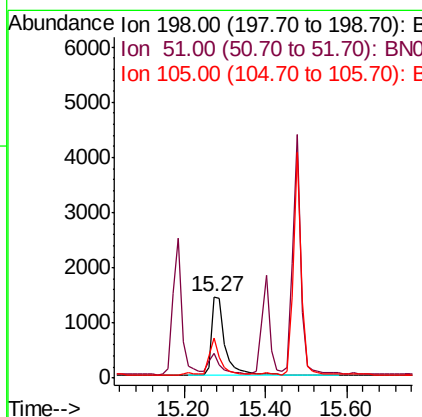
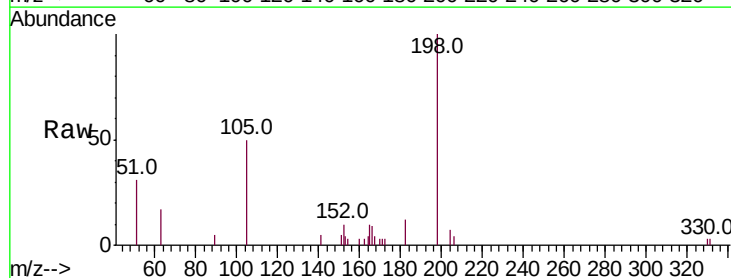
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

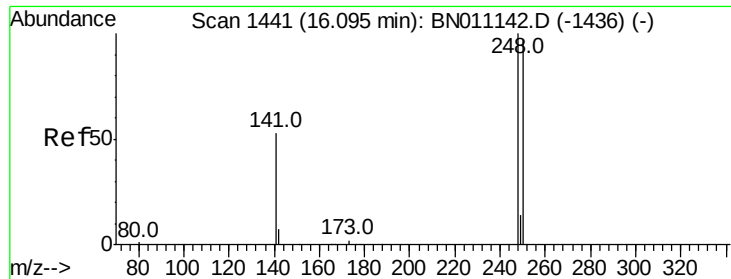
Tot Ion:188 Resp: 5806
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 5.8 6.3 9.5#



#20
4,6-Dinitro-2-methylphenol
Concen: 5.467 ng
RT: 15.27 min Scan# 1376
Delta R.T. -0.04 min
Lab File: BN011145.D
Acq: 10 Jul 2020 12:33

Tgt Ion:198 Resp: 3391
Ion Ratio Lower Upper
198 100
51 30.8 53.1 79.7#
105 49.8 51.9 77.9#

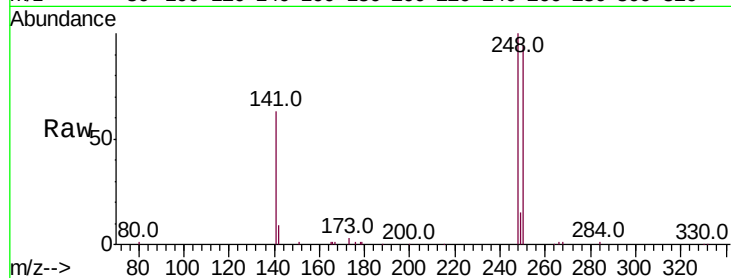




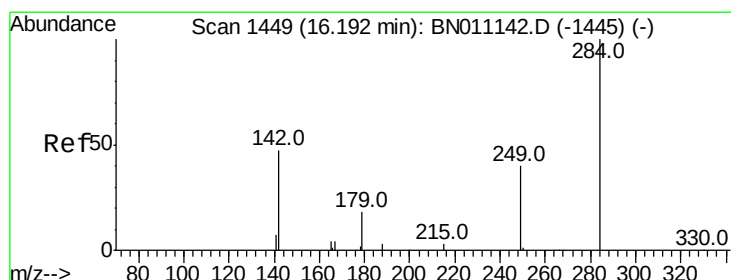
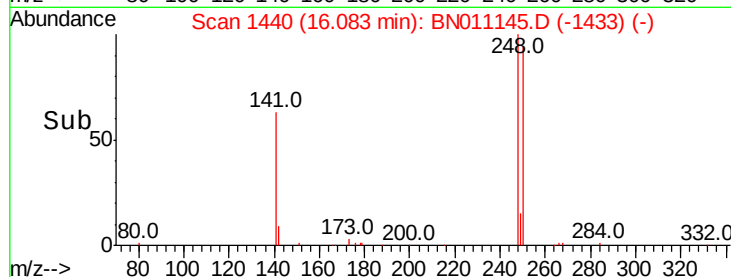
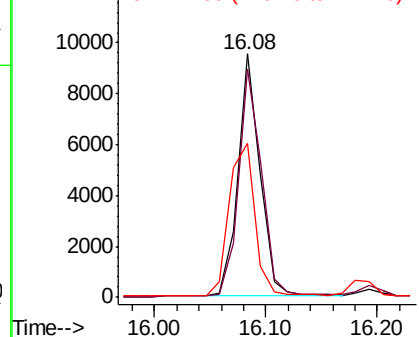
#21
4-Bromophenyl-phenylether
Concen: 3.398 ng
RT: 16.08 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BN011145.D
Acq: 10 Jul 2020 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tot Ion:248 Resp: 13113
Ion Ratio Lower Upper
248 100
250 93.9 78.4 117.6
141 63.3 45.1 67.7

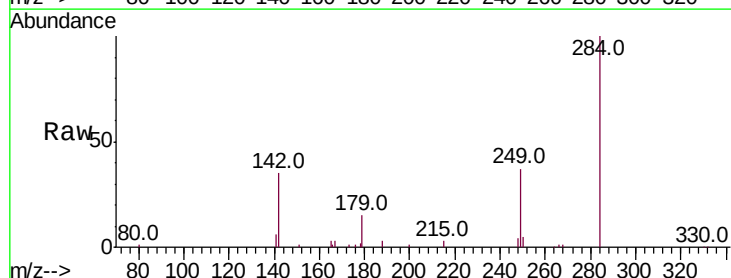


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

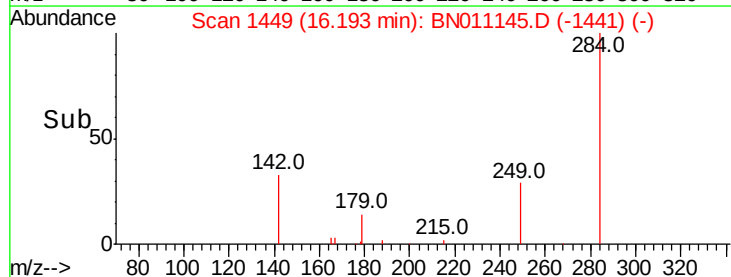
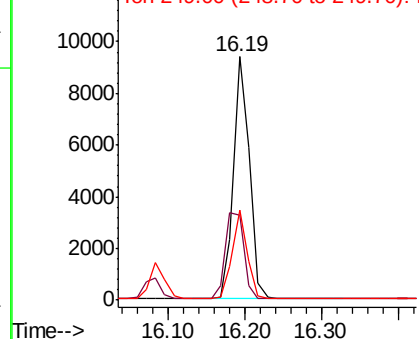


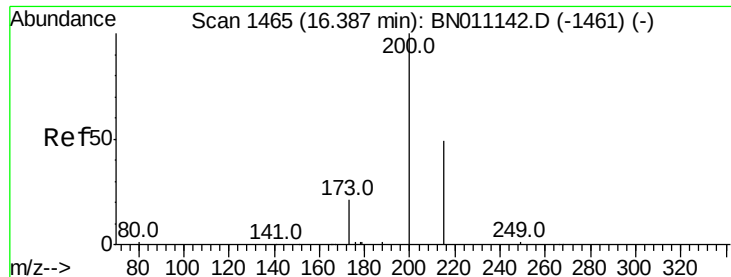
#22
Hexachlorobenzene
Concen: 2.958 ng
RT: 16.19 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BN011145.D
Acq: 10 Jul 2020 12:33

Tgt Ion:284 Resp: 13452
Ion Ratio Lower Upper
284 100
142 41.5 32.6 48.8
249 34.5 28.4 42.6



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





#23

Atrazine

Concen: 3.370 ng

RT: 16.38 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

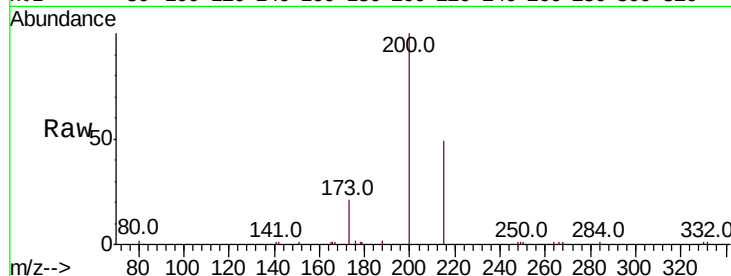
Tot Ion:200 Resp: 9193

Ion Ratio Lower Upper

200 100

173 21.0 23.0 34.4#

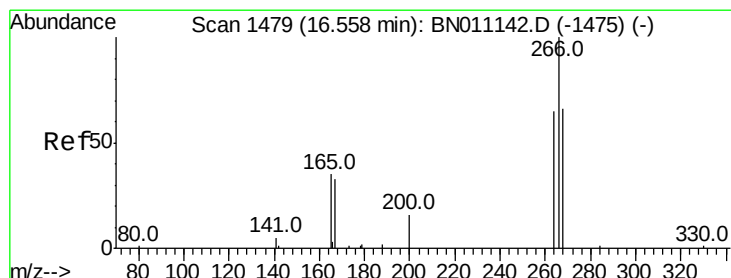
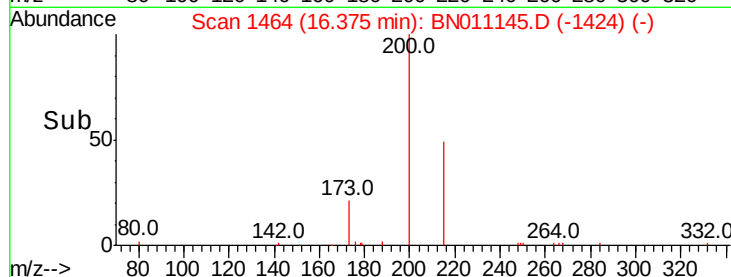
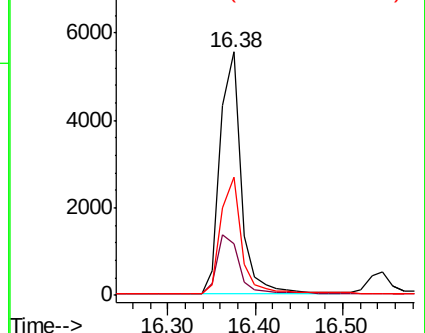
215 48.5 42.6 63.8



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: 3.768 ng

RT: 16.55 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

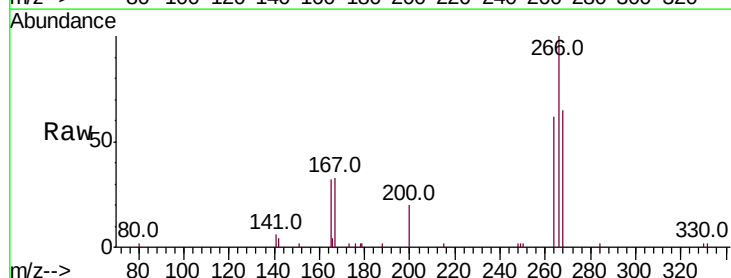
Tgt Ion:266 Resp: 4612

Ion Ratio Lower Upper

266 100

264 62.7 52.5 78.7

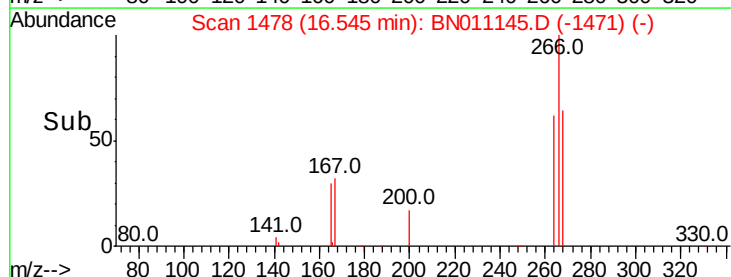
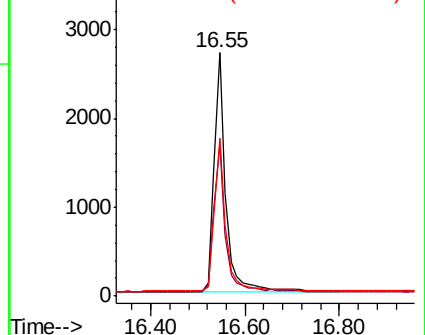
268 64.1 48.9 73.3

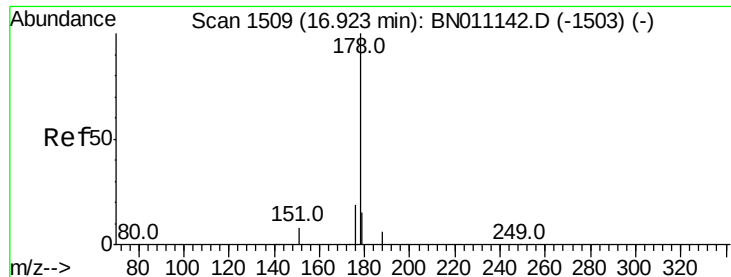


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 3.113 ng

RT: 16.92 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

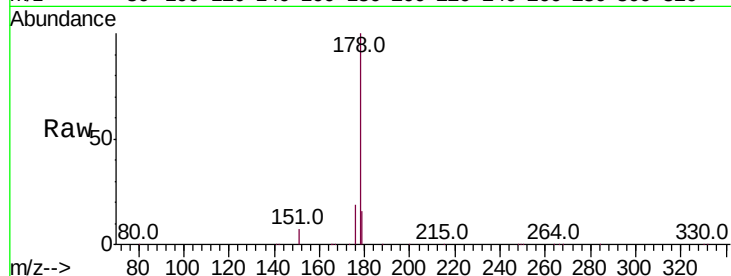
Tot Ion:178 Resp: 58536

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

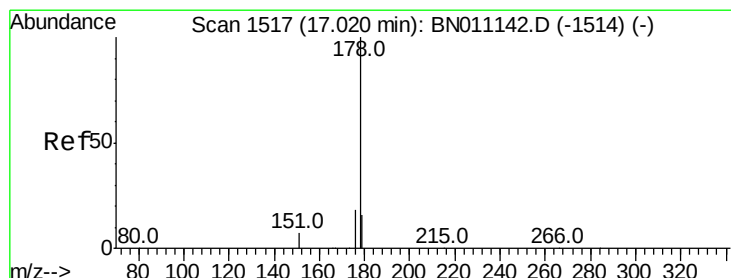
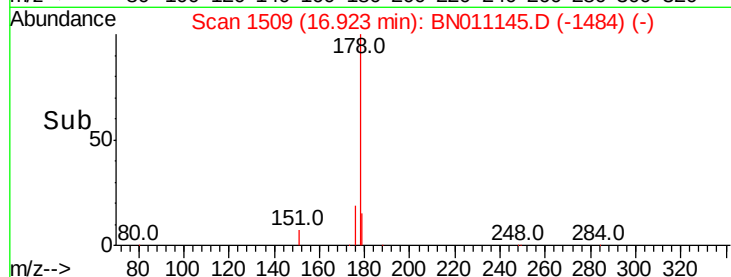
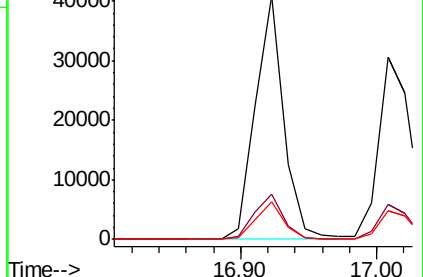
179 15.3 12.6 18.8



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: 3.355 ng

RT: 17.01 min Scan# 1516

Delta R.T. -0.01 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

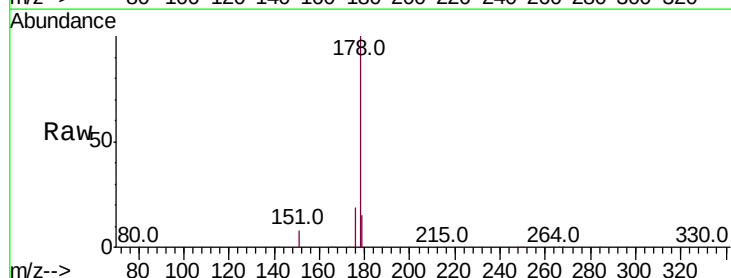
Tgt Ion:178 Resp: 52195

Ion Ratio Lower Upper

178 100

176 18.4 14.5 21.7

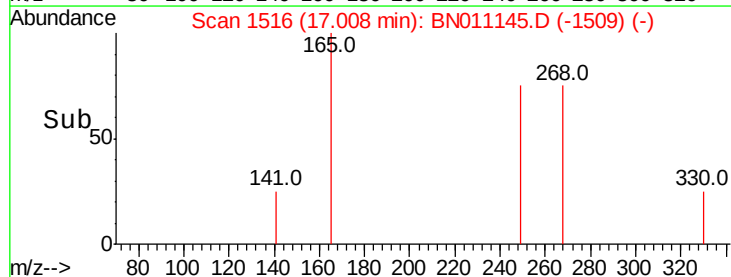
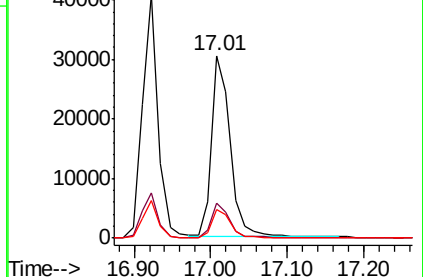
179 15.3 12.0 18.0

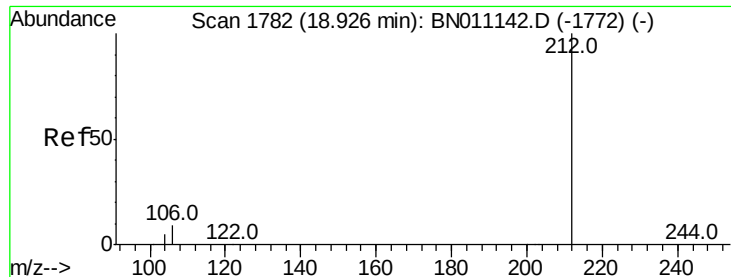


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 3.167 ng

RT: 18.92 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

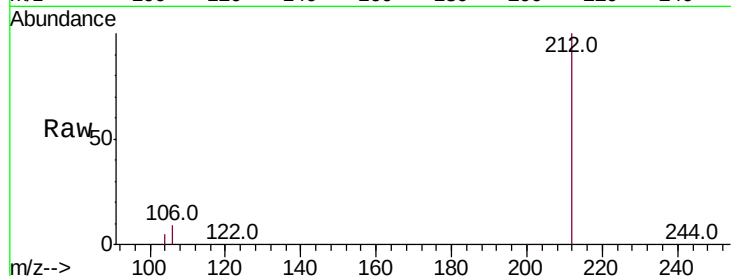
Tot Ion:212 Resp: 55601

Ion Ratio Lower Upper

212 100

106 8.8 7.0 10.6

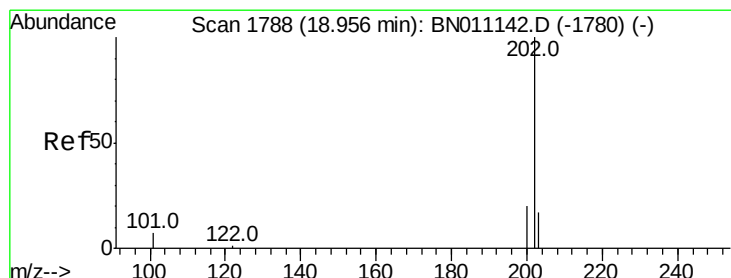
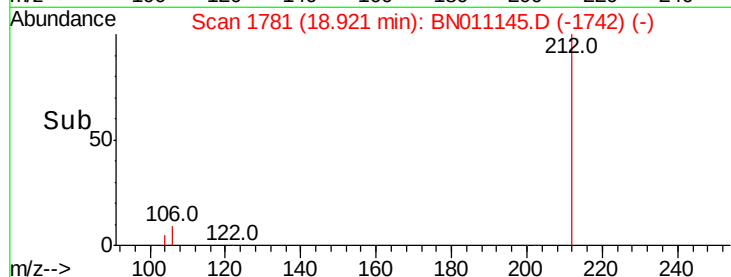
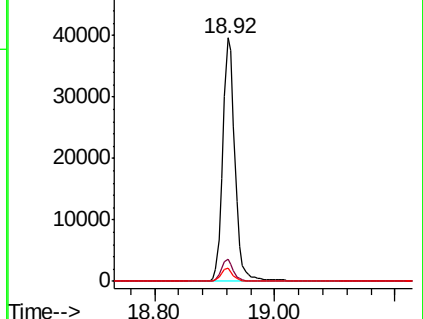
104 5.1 4.2 6.4



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: 3.269 ng

RT: 18.95 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

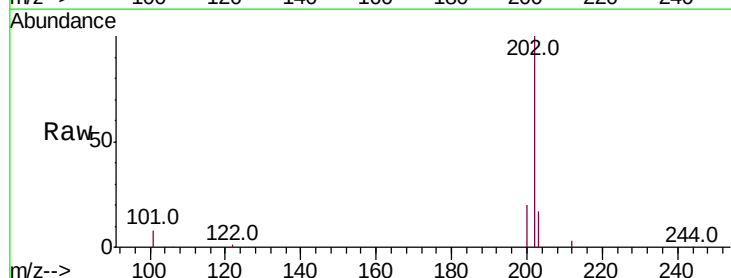
Tgt Ion:202 Resp: 69132

Ion Ratio Lower Upper

202 100

101 7.7 5.9 8.9

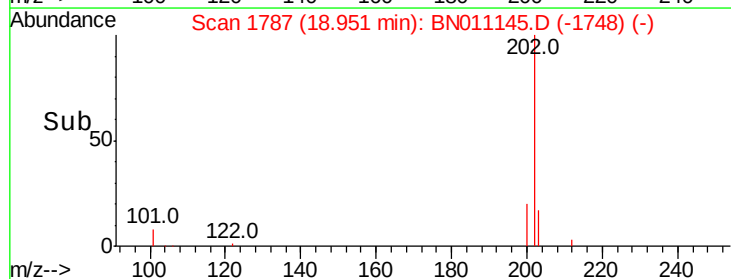
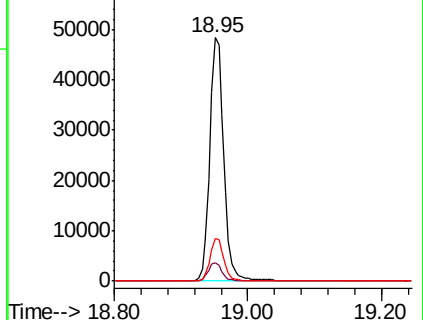
203 17.2 13.6 20.4

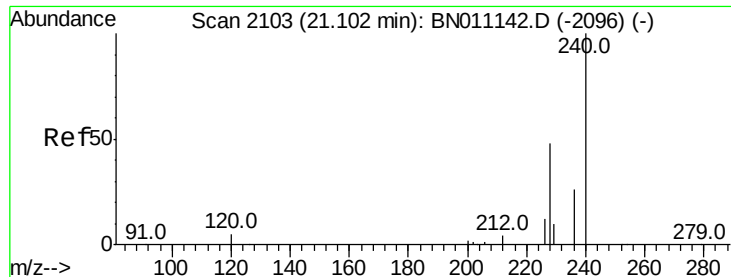


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.09 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

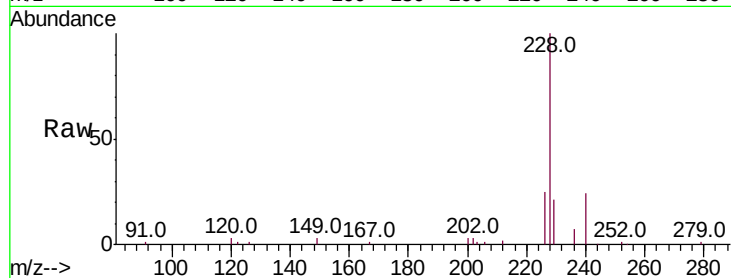
Tot Ion:240 Resp: 6189

Ion Ratio Lower Upper

240 100

120 10.8 6.5 9.7#

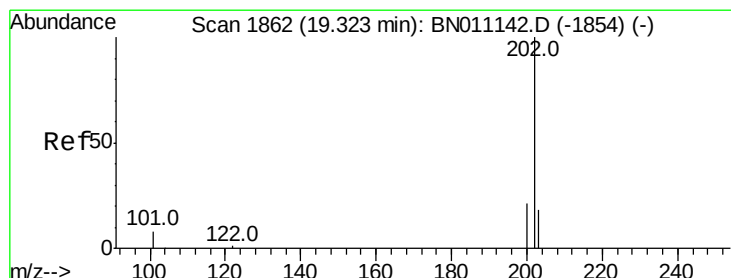
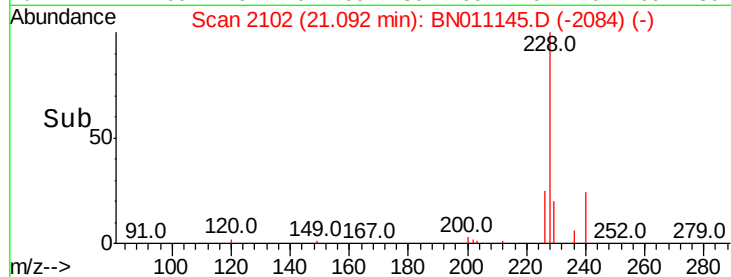
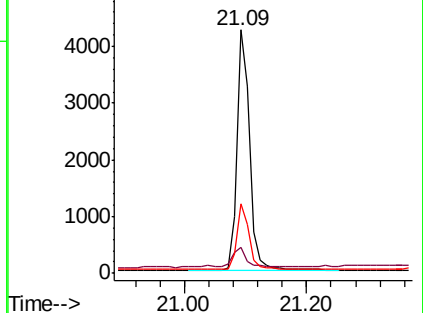
236 28.3 21.9 32.9



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: 2.943 ng

RT: 19.32 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

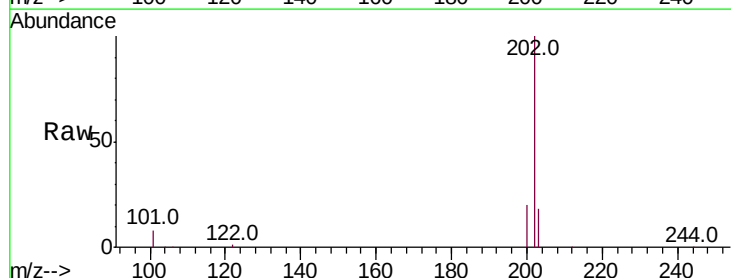
Tgt Ion:202 Resp: 67960

Ion Ratio Lower Upper

202 100

200 20.5 16.5 24.7

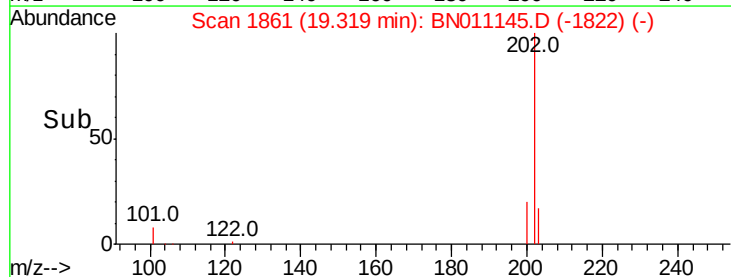
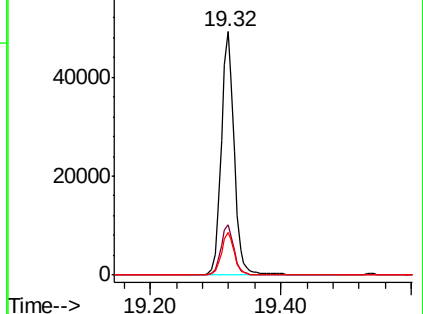
203 17.3 14.2 21.4

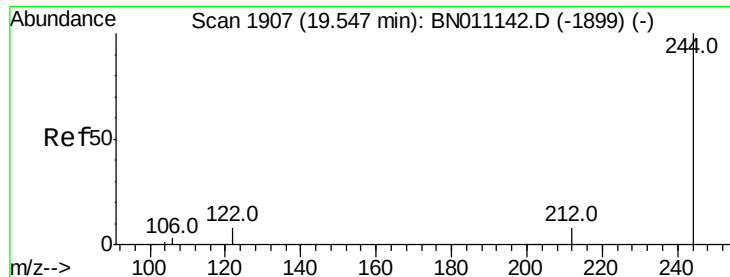


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 2.929 ng

RT: 19.54 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

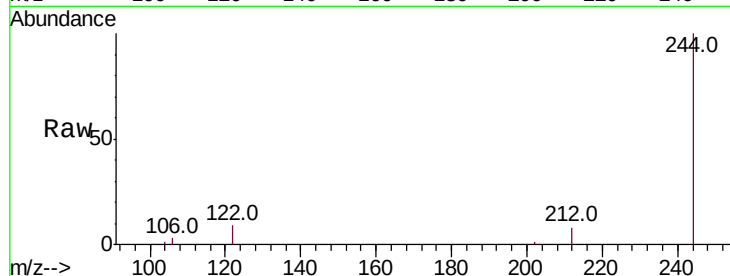
Tot Ion:244 Resp: 47203

Ion Ratio Lower Upper

244 100

212 8.4 7.8 11.6

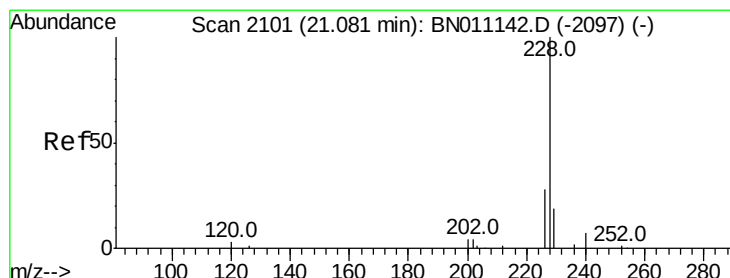
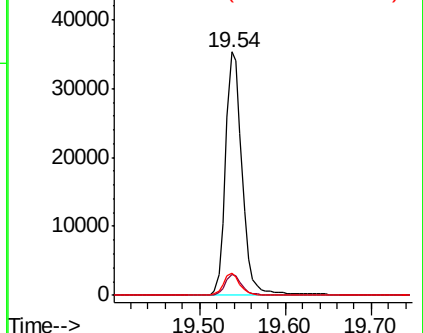
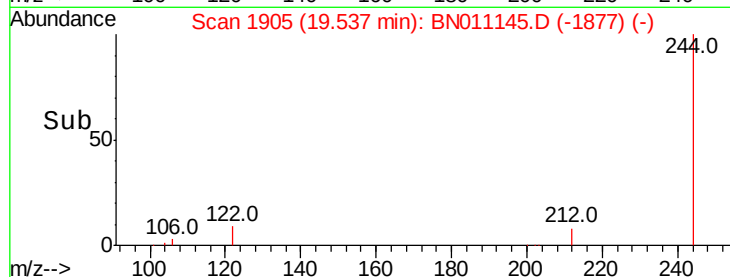
122 9.3 7.4 11.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#32

Benzo(a)anthracene

Concen: 3.018 ng

RT: 21.08 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

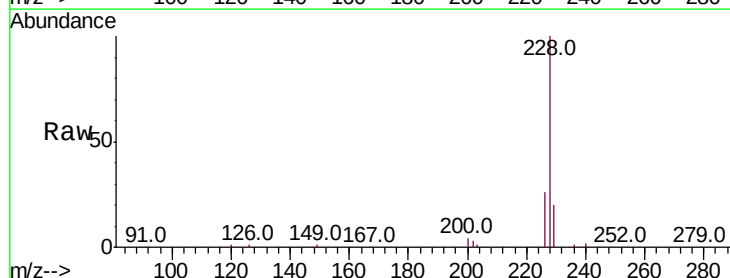
Tgt Ion:228 Resp: 62416

Ion Ratio Lower Upper

228 100

226 26.4 23.2 34.8

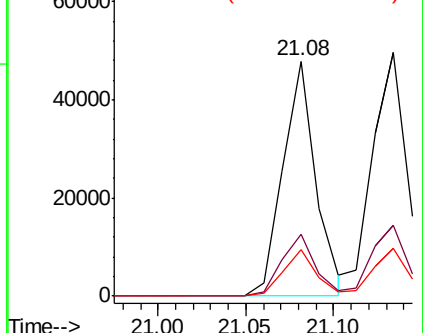
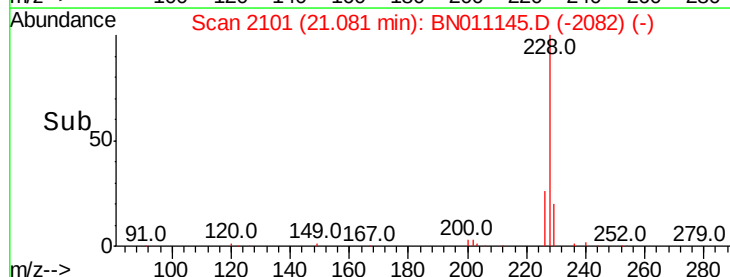
229 19.7 16.2 24.4

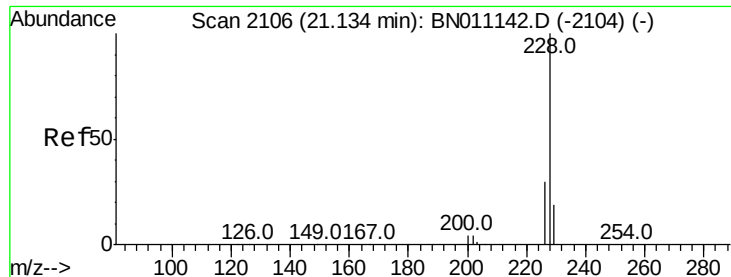


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 2.954 ng

RT: 21.13 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

Instrument :

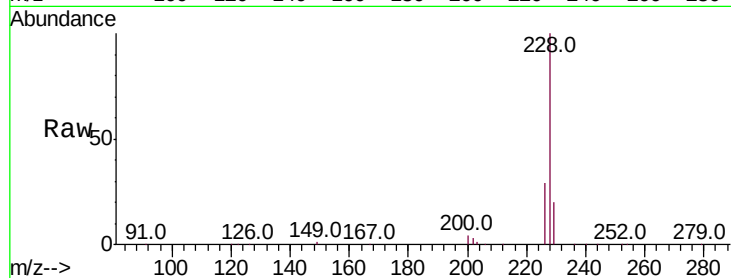
BNA_N

ClientSampleId :

SSTDICC3.2

Tot Ion:228 Resp: 70105

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.0	36.0
229	19.6	16.2	24.4

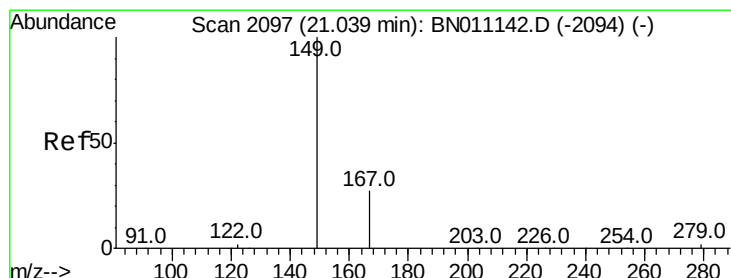
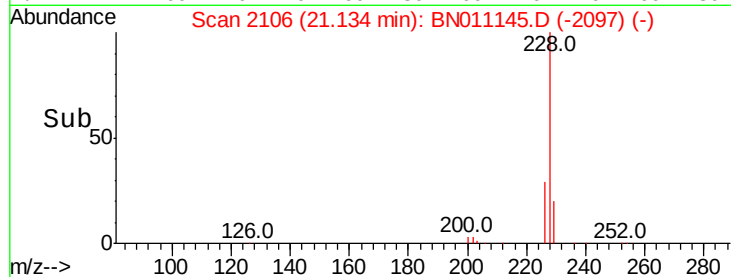
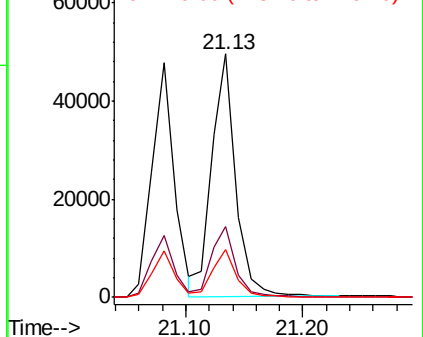


Abundance

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: 2.782 ng

RT: 21.04 min Scan# 2097

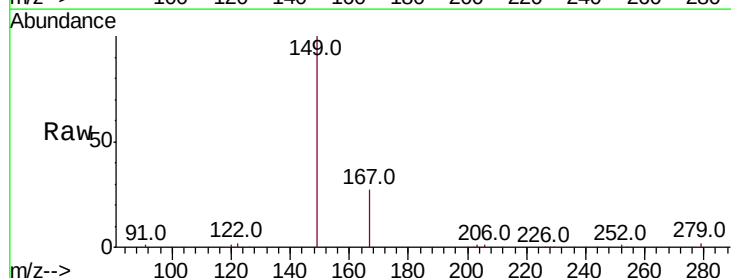
Delta R.T. 0.00 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

Tgt Ion:149 Resp: 23258

Ion	Ratio	Lower	Upper
149	100		
167	27.9	23.4	35.0
279	4.7	4.5	6.7

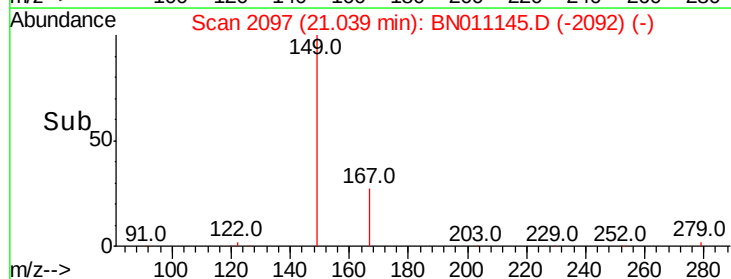
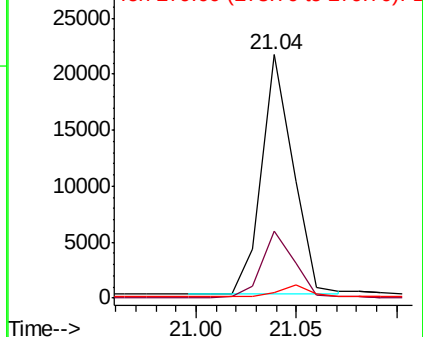


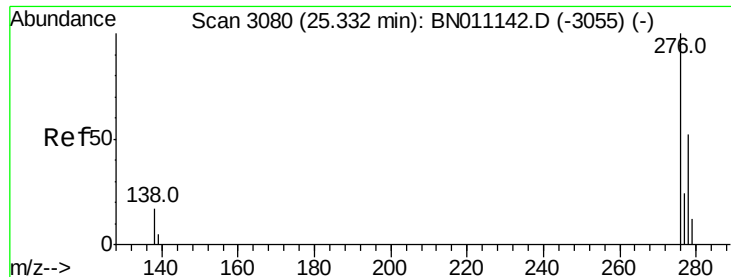
Abundance

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: 2.998 ng

RT: 25.32 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

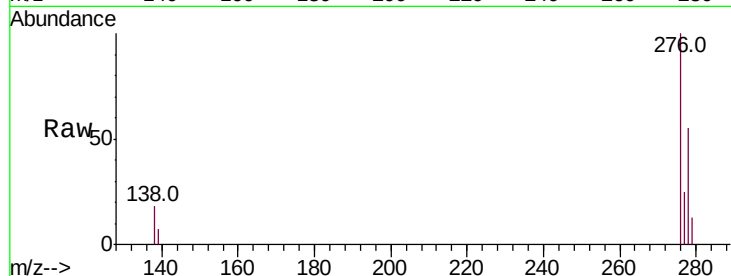
Tot Ion:276 Resp: 74380

Ion Ratio Lower Upper

276 100

138 18.7 13.0 19.6

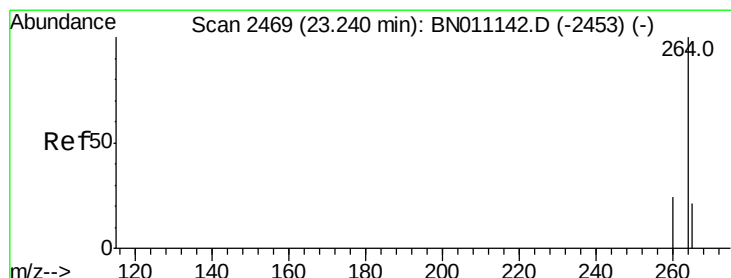
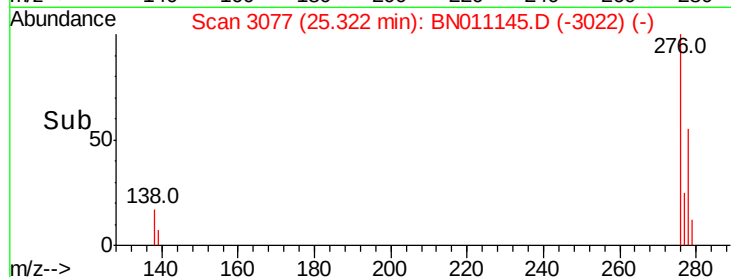
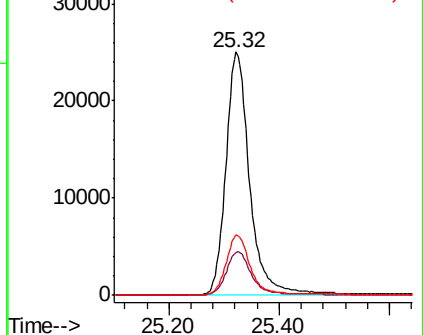
277 25.1 19.7 29.5



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: 23.24 min Scan# 2468

Delta R.T. -0.00 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

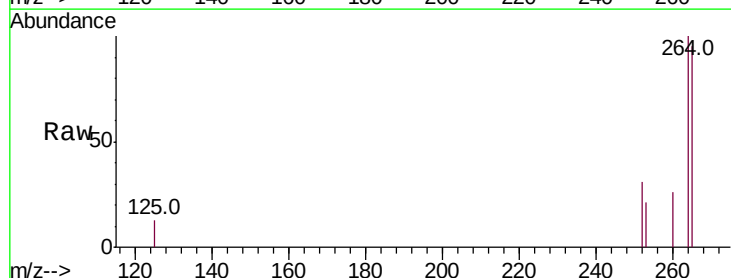
Tgt Ion:264 Resp: 5372

Ion Ratio Lower Upper

264 100

260 25.8 20.1 30.1

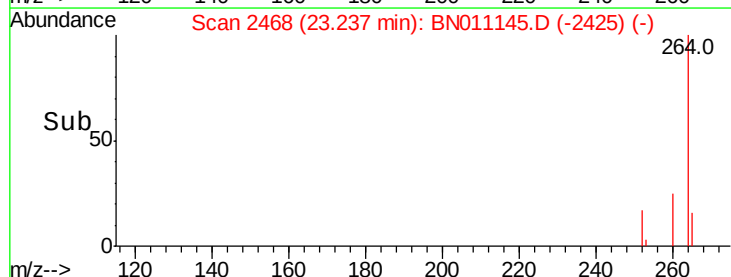
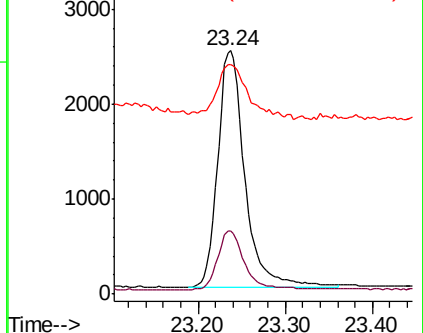
265 94.5 76.6 115.0

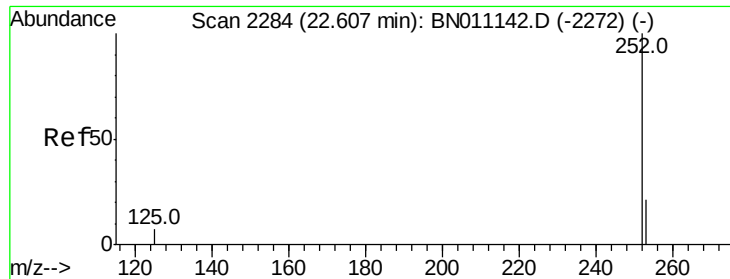


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#37

Benzo(b)fluoranthene

Concen: 3.338 ng

RT: 22.60 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

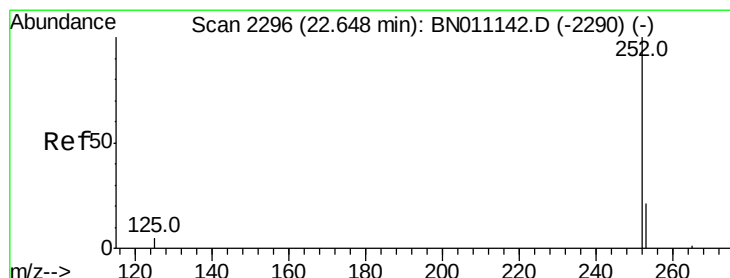
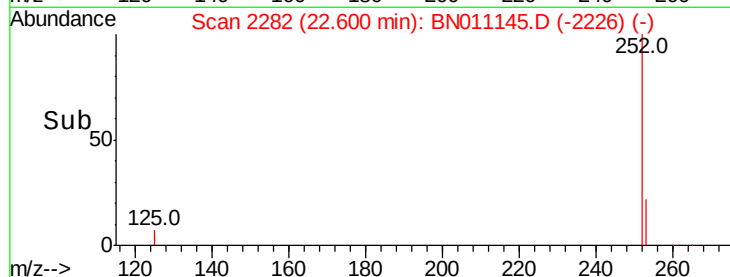
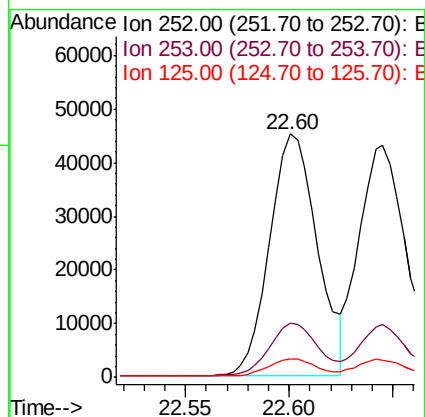
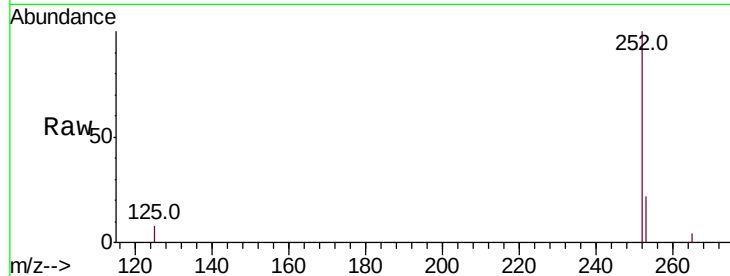
Tot Ion:252 Resp: 71878

Ion Ratio Lower Upper

252 100

253 22.3 22.6 34.0#

125 7.6 9.6 14.4#



#38

Benzo(k)fluoranthene

Concen: 3.107 ng

RT: 22.64 min Scan# 2295

Delta R.T. -0.00 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

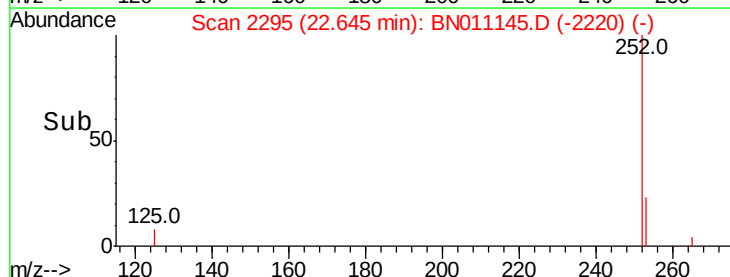
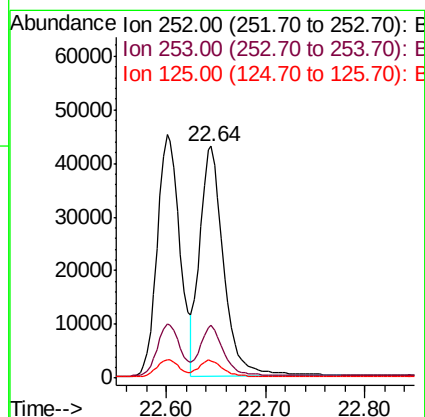
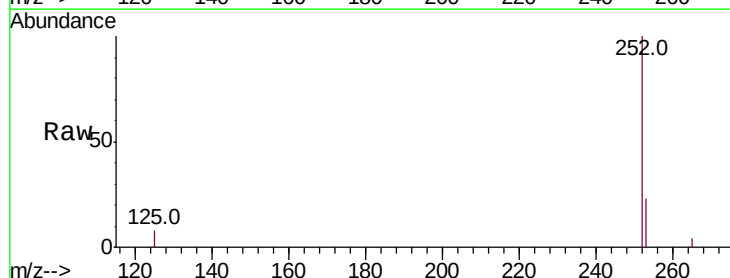
Tgt Ion:252 Resp: 71607

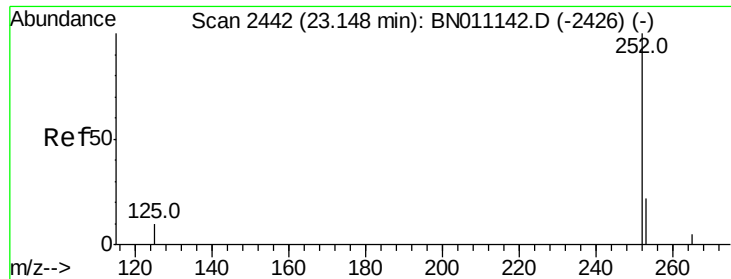
Ion Ratio Lower Upper

252 100

253 22.6 22.2 33.4

125 7.6 11.0 16.4#





#39

Benzo(a)pyrene

Concen: 3.289 ng

RT: 23.14 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

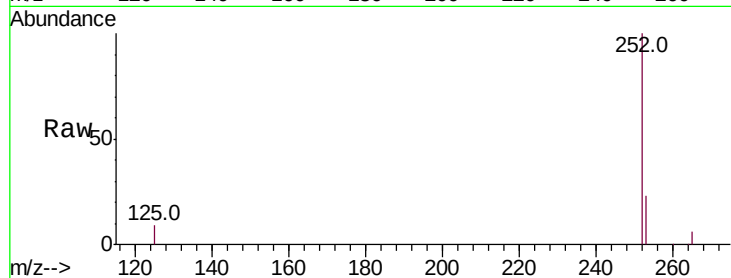
Tot Ion:252 Resp: 61052

Ion Ratio Lower Upper

252 100

253 23.1 25.8 38.6#

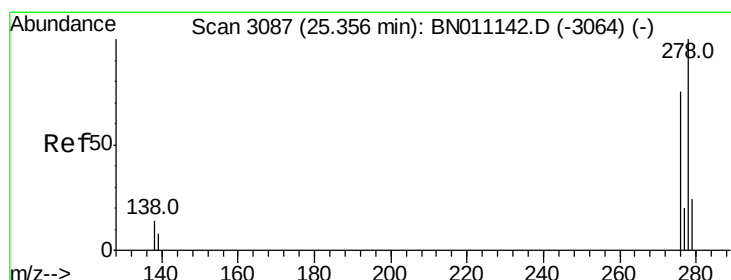
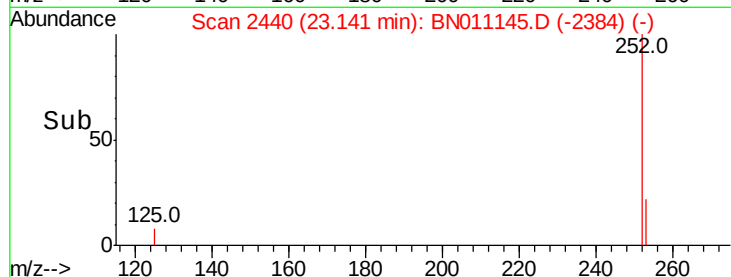
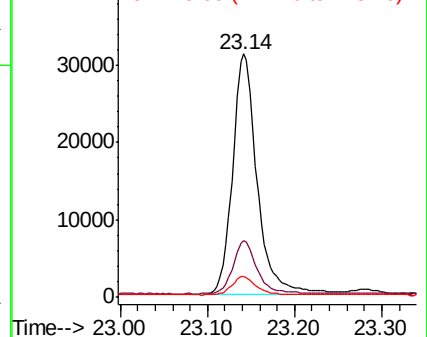
125 8.6 13.4 20.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#40

Dibenzo(a,h)anthracene

Concen: 3.182 ng

RT: 25.34 min Scan# 3081

Delta R.T. -0.02 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

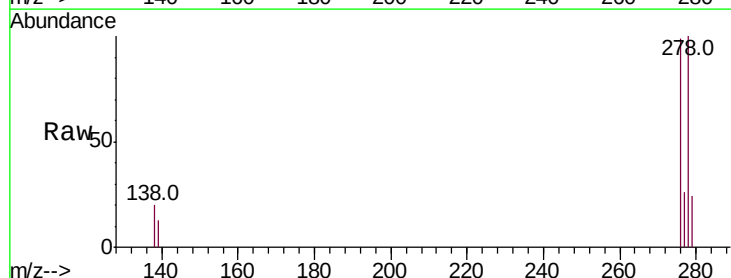
Tgt Ion:278 Resp: 60507

Ion Ratio Lower Upper

278 100

139 12.6 11.7 17.5

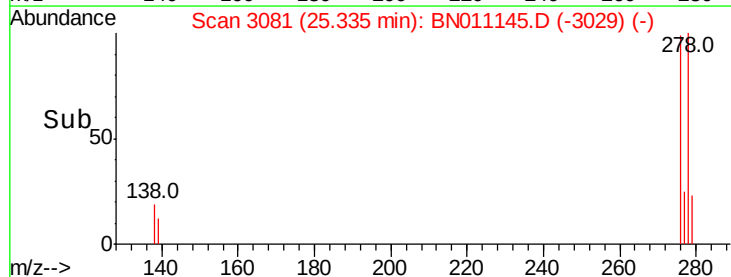
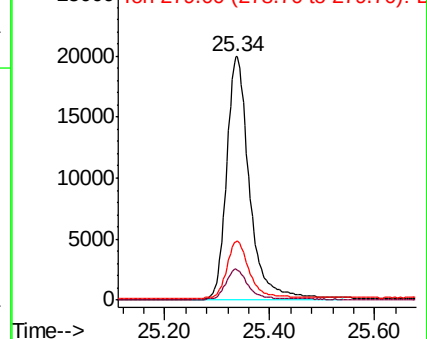
279 24.1 25.0 37.6#

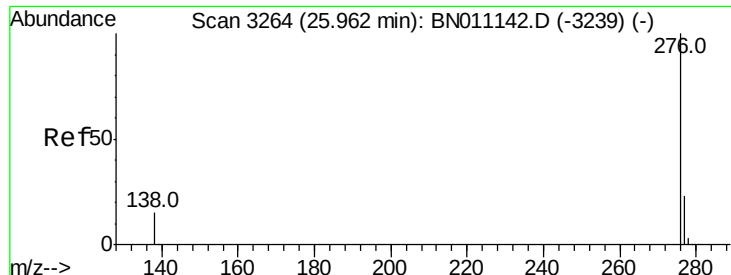


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.016 ng

RT: 25.95 min Scan# 3260

Delta R.T. -0.01 min

Lab File: BN011145.D

Acq: 10 Jul 2020 12:33

Instrument :

BNA_N

ClientSampleId :

SSTDICC3.2

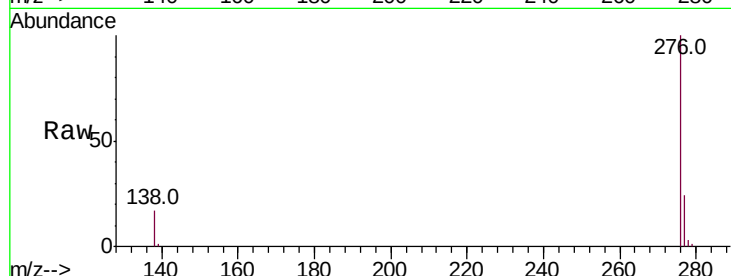
Tot Ion:276 Resp: 63183

Ion Ratio Lower Upper

276 100

277 23.9 20.5 30.7

138 16.5 13.8 20.6



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

