

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071120\
 Data File : BN011144.D
 Acq On : 10 Jul 2020 11:58
 Operator : CG/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

Quant Time: Jul 10 12:28:04 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	1713	0.40	ng	0.00
7) Naphthalene-d8	10.25	136	5290	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	2772	0.40	ng	0.00
19) Phenanthrene-d10	16.89	188	5679	0.40	ng	0.00
29) Chrysene-d12	21.10	240	6196	0.40	ng	0.00
36) Perylene-d12	23.24	264	4658	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.17	112	6677	1.57	ng	0.00
5) Phenol-d6	6.71	99	8644	1.76	ng	0.00
8) Nitrobenzene-d5	8.64	82	8562	1.90	ng	-0.01
11) 2-Methylnaphthalene-d10	11.85	152	14818	1.62	ng	0.00
14) 2,4,6-Tribromophenol	15.63	330	1982	1.70	ng	-0.01
15) 2-Fluorobiphenyl	12.75	172	21490	1.65	ng	0.00
27) Fluoranthene-d10	18.92	212	28164	1.64	ng	0.00
31) Terphenyl-d14	19.54	244	23700	1.47	ng	0.00

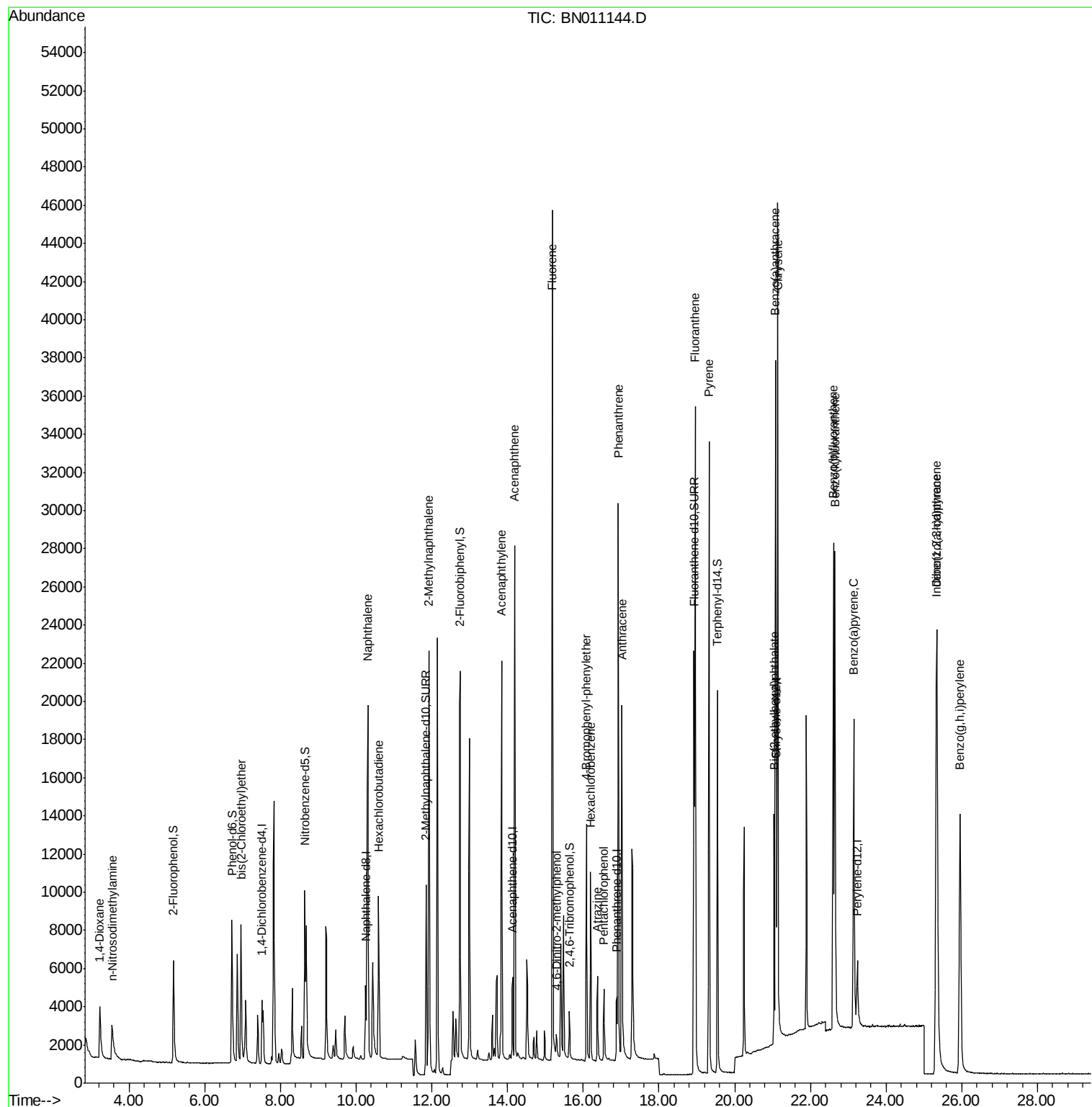
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	3881	1.607	ng	97
3) n-Nitrosodimethylamine	3.55	42	2180	1.786	ng	# 93
6) bis(2-Chloroethyl)ether	6.96	93	7374	1.657	ng	96
9) Naphthalene	10.30	128	25761	1.631	ng	97
10) Hexachlorobutadiene	10.60	225	6522	1.630	ng	# 99
12) 2-Methylnaphthalene	11.92	142	17112	1.620	ng	99
16) Acenaphthylene	13.84	152	23265	1.674	ng	99
17) Acenaphthene	14.18	154	15197	1.614	ng	99
18) Fluorene	15.19	166	19171	1.629	ng	99
20) 4,6-Dinitro-2-methylphenol	15.29	198	1478	2.436	ng	# 60
21) 4-Bromophenyl-phenylether	16.08	248	6402	1.696	ng	# 90
22) Hexachlorobenzene	16.19	284	6847	1.539	ng	98
23) Atrazine	16.38	200	4452	1.668	ng	93
24) Pentachlorophenol	16.55	266	2099	1.753	ng	98
25) Phenanthrene	16.92	178	29794	1.620	ng	100
26) Anthracene	17.02	178	25193	1.656	ng	100
28) Fluoranthene	18.95	202	34712	1.678	ng	100
30) Pvrene	19.32	202	33913	1.467	ng	100
32) Benzo(a)anthracene	21.08	228	33318	1.609	ng	97
33) Chrysene	21.13	228	37757	1.589	ng	99
34) Bis(2-ethylhexyl)phthalate	21.04	149	11569	1.382	ng	97
35) Indeno(1,2,3-cd)pyrene	25.32	276	34351	1.383	ng	98
37) Benzo(b)fluoranthene	22.61	252	31352	1.679	ng	# 91
38) Benzo(k)fluoranthene	22.65	252	33684	1.685	ng	# 90
39) Benzo(a)pyrene	23.14	252	26622	1.654	ng	# 85
40) Dibenzo(a,h)anthracene	25.34	278	27986	1.697	ng	91
41) Benzo(g,h,i)perylene	25.95	276	30250	1.665	ng	98

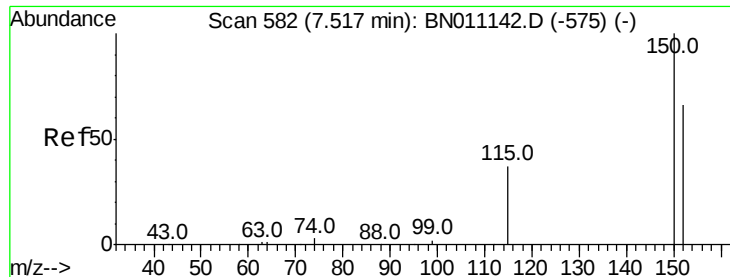
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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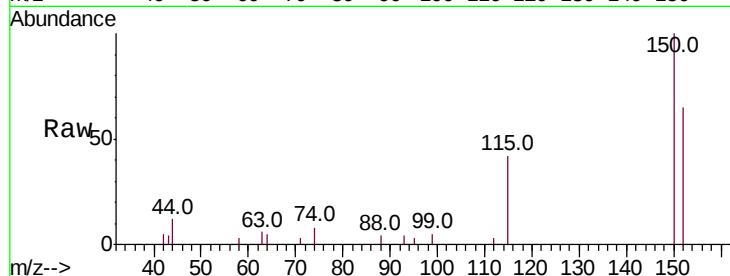


#1

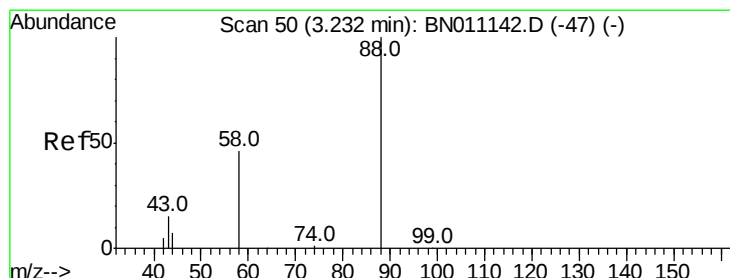
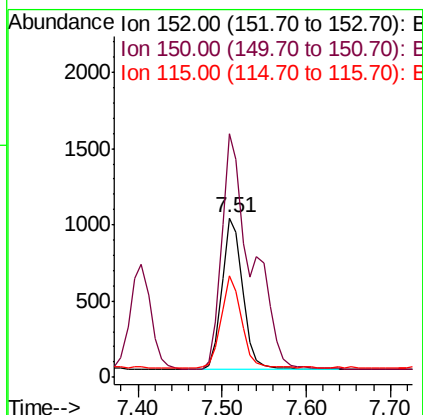
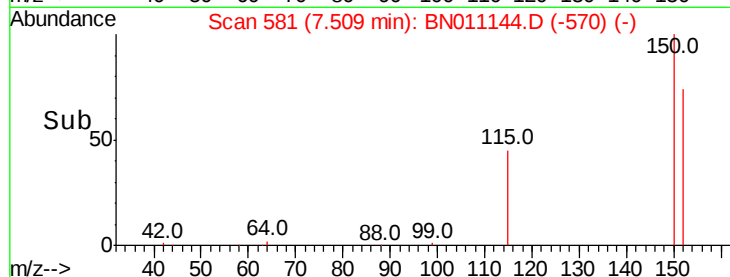
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.51 min Scan# 581
Delta R.T. -0.01 min
Lab File: BN011144.D
Acq: 10 Jul 2020 11:58

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tot Ion:152 Resp: 1713
Ion Ratio Lower Upper
152 100
150 152.7 119.4 179.0
115 63.5 48.3 72.5



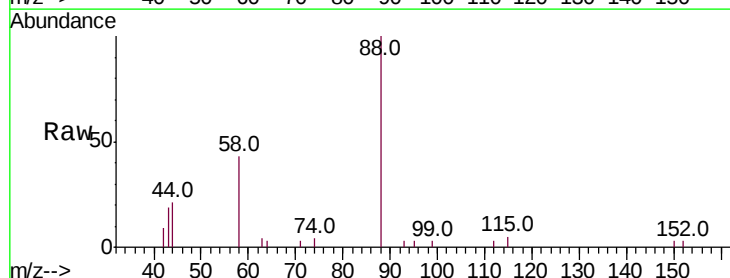
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



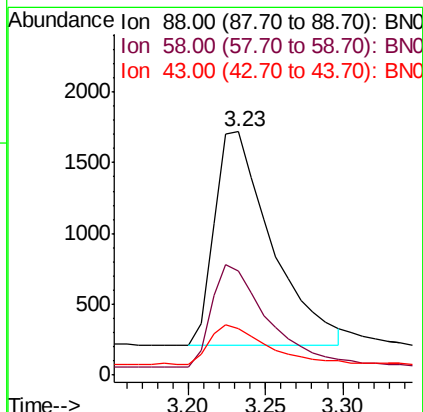
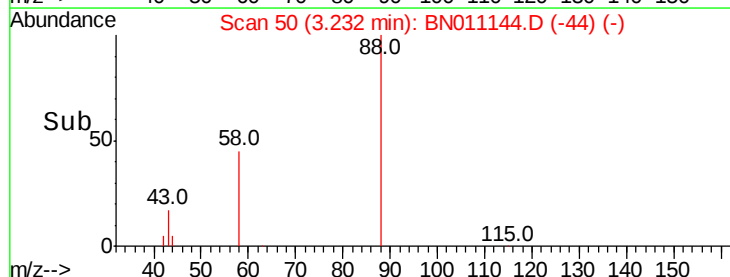
#2

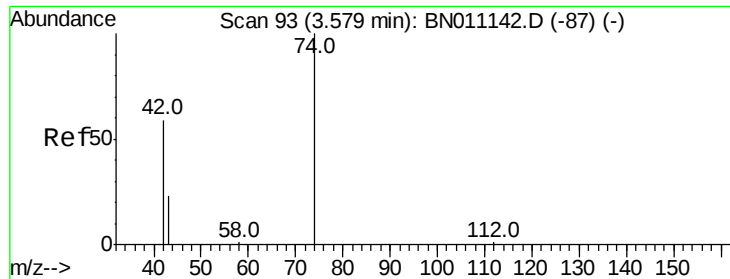
1,4-Dioxane
Concen: 1.607 ng
RT: 3.23 min Scan# 50
Delta R.T. 0.00 min
Lab File: BN011144.D
Acq: 10 Jul 2020 11:58

Tgt Ion: 88 Resp: 3881
Ion Ratio Lower Upper
88 100
58 47.7 36.5 54.7
43 18.7 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: 1.786 ng

RT: 3.55 min Scan# 89

Delta R.T. -0.03 min

Lab File: BN011144.D

Acq: 10 Jul 2020 11:58

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

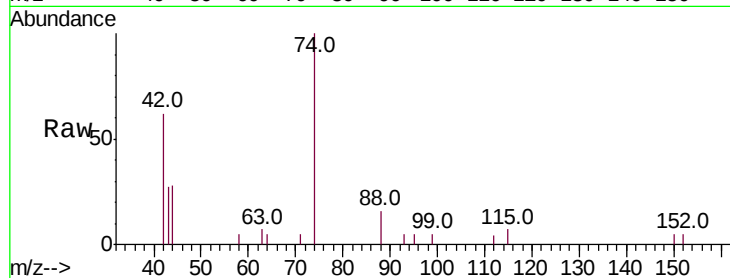
Tot Ion: 42 Resp: 2180

Ion Ratio Lower Upper

42 100

74 167.1 140.9 211.3

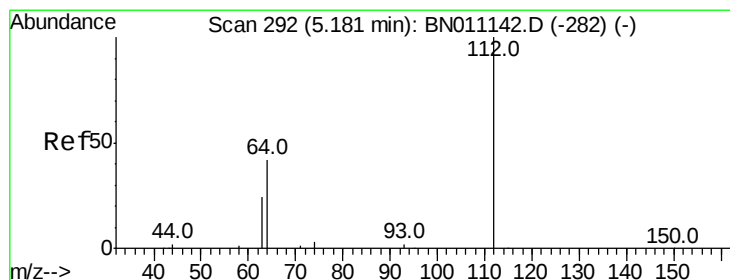
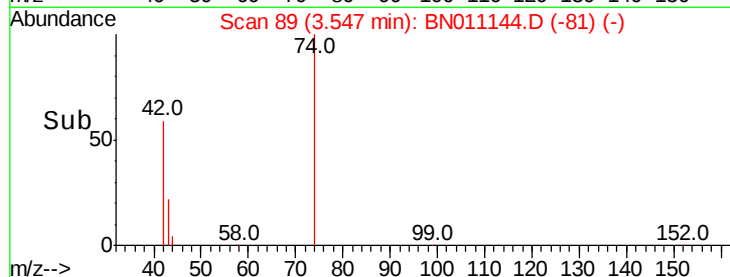
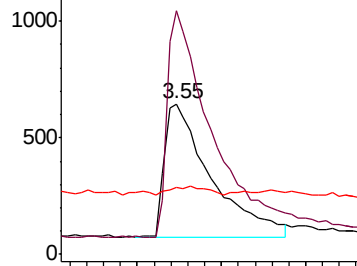
44 5.1 7.6 11.4#



Abundance Ion 42.00 (41.70 to 42.70): BN011142.D (-87) (-)

Ion 74.00 (73.70 to 74.70): BN011142.D (-87) (-)

Ion 44.00 (43.70 to 44.70): BN011142.D (-87) (-)



#4

2-Fluorophenol

Concen: 1.566 ng

RT: 5.17 min Scan# 291

Delta R.T. -0.01 min

Lab File: BN011144.D

Acq: 10 Jul 2020 11:58

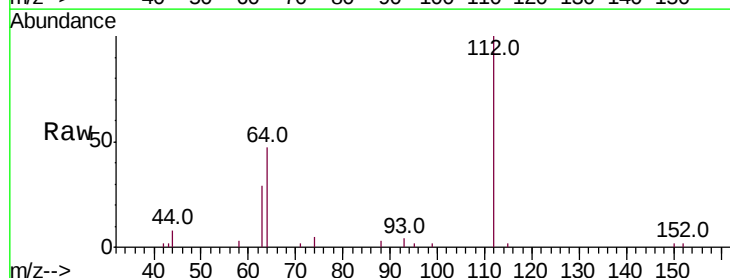
Tgt Ion: 112 Resp: 6677

Ion Ratio Lower Upper

112 100

64 45.2 36.7 55.1

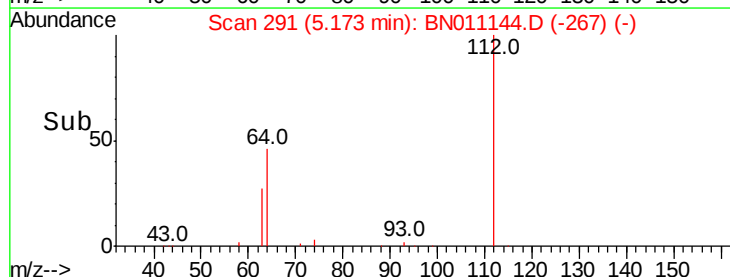
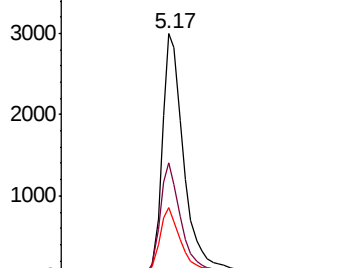
63 26.8 20.4 30.6

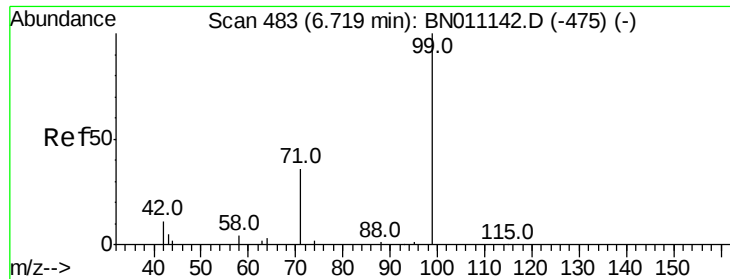


Abundance Ion 112.00 (111.70 to 112.70): BN011142.D (-282) (-)

Ion 64.00 (63.70 to 64.70): BN011142.D (-282) (-)

Ion 63.00 (62.70 to 63.70): BN011142.D (-282) (-)





#5

Phenol-d6

Concen: 1.764 ng

RT: 6.71 min Scan# 482

Delta R.T. -0.01 min

Lab File: BN011144.D

Acq: 10 Jul 2020 11:58

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

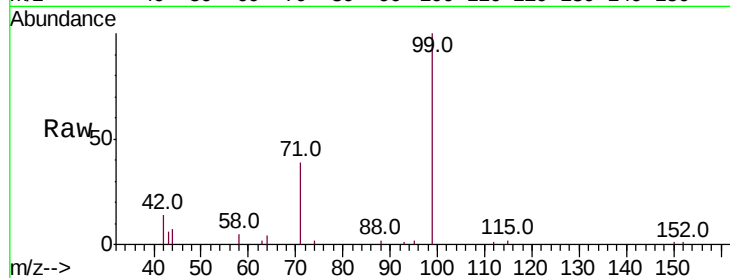
Tot Ion: 99 Resp: 8644

Ion Ratio Lower Upper

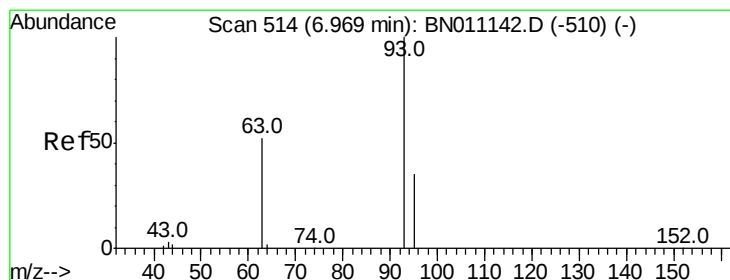
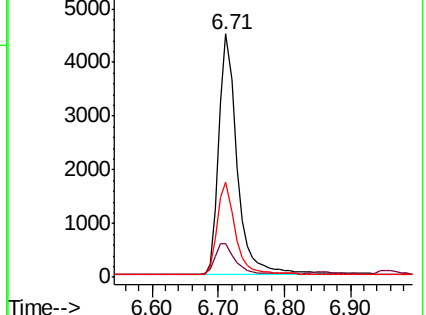
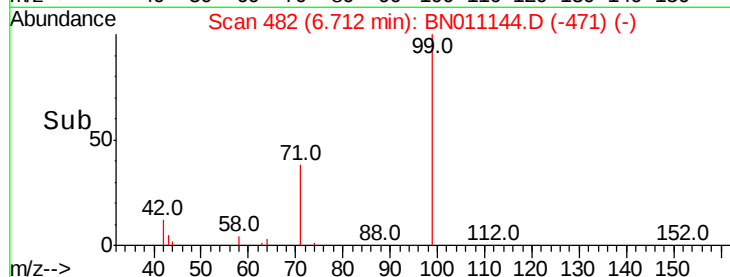
99 100

42 14.0 10.8 16.2

71 38.4 31.3 46.9



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: 1.657 ng

RT: 6.96 min Scan# 513

Delta R.T. -0.01 min

Lab File: BN011144.D

Acq: 10 Jul 2020 11:58

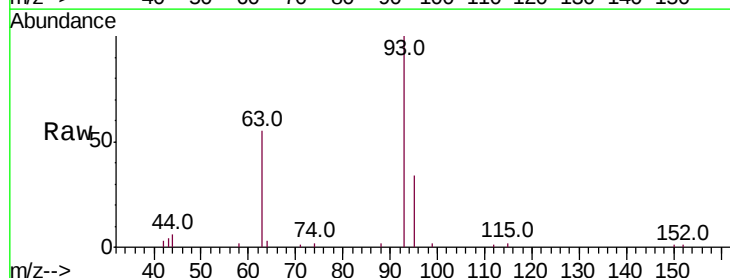
Tgt Ion: 93 Resp: 7374

Ion Ratio Lower Upper

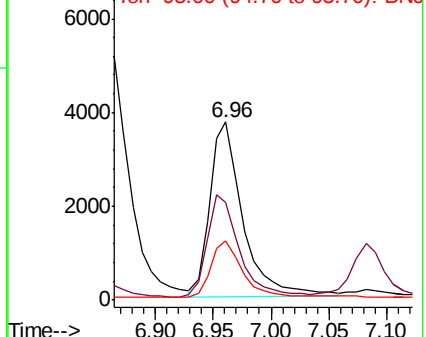
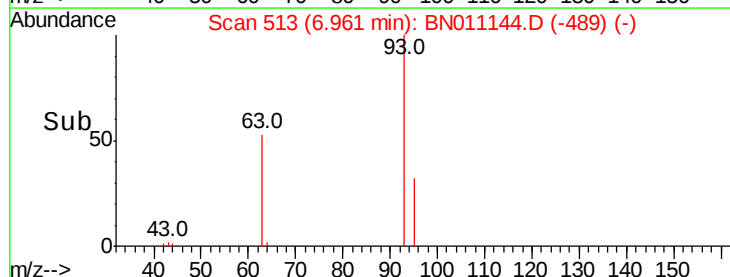
93 100

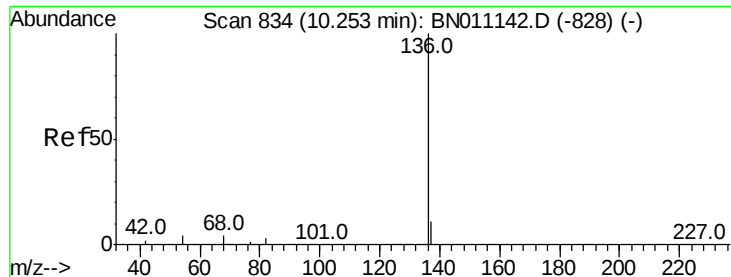
63 56.6 47.4 71.0

95 31.9 28.1 42.1



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: 10.25 min Scan# 834

Delta R.T. 0.00 min

Lab File: BN011144.D

Acq: 10 Jul 2020 11:58

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

Tot Ion:136 Resp: 5290

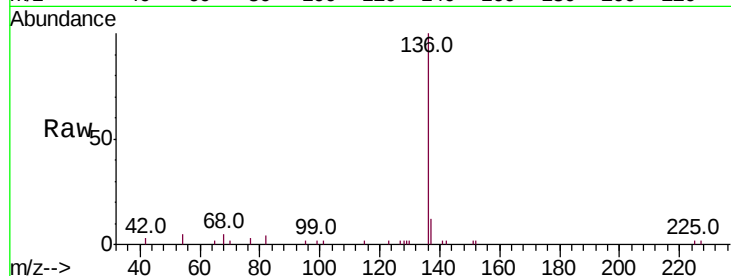
Ion Ratio Lower Upper

136 100

137 12.1 10.3 15.5

54 4.7 4.9 7.3#

68 5.2 4.9 7.3

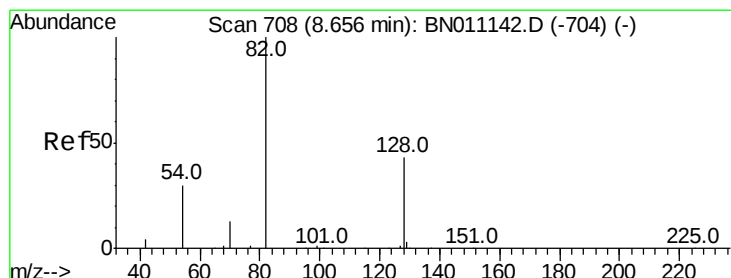
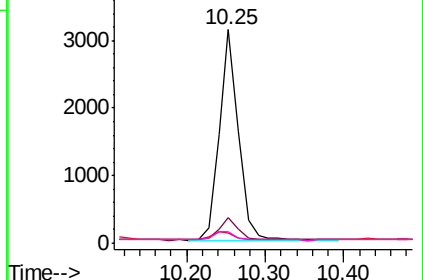
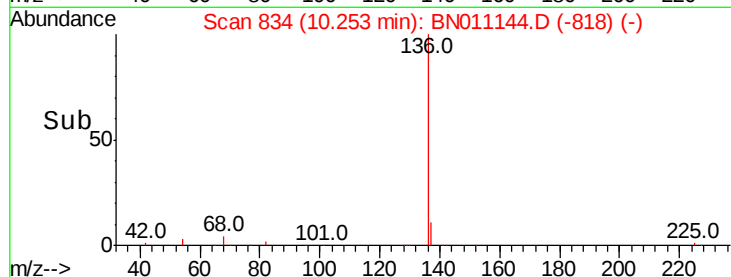


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.905 ng

RT: 8.64 min Scan# 707

Delta R.T. -0.01 min

Lab File: BN011144.D

Acq: 10 Jul 2020 11:58

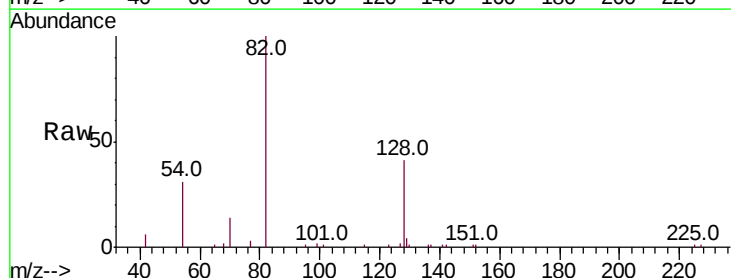
Tgt Ion: 82 Resp: 8562

Ion Ratio Lower Upper

82 100

128 41.0 38.1 57.1

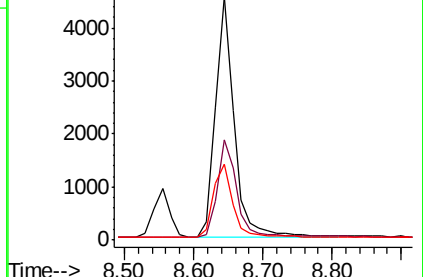
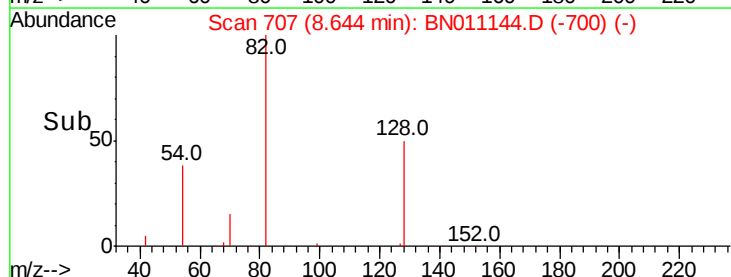
54 31.1 27.1 40.7

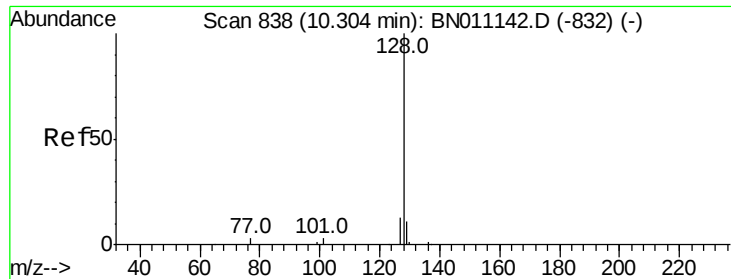


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 1.631 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN011144.D

Acq: 10 Jul 2020 11:58

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

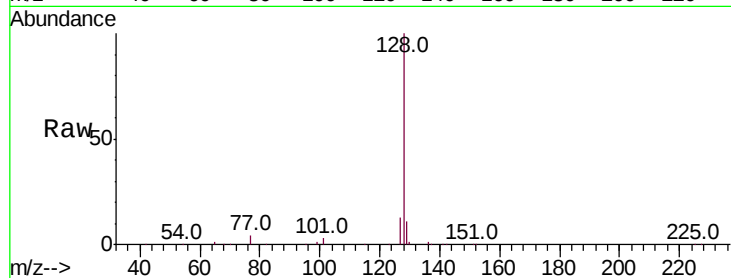
Tot Ion:128 Resp: 25761

Ion Ratio Lower Upper

128 100

129 11.4 9.8 14.6

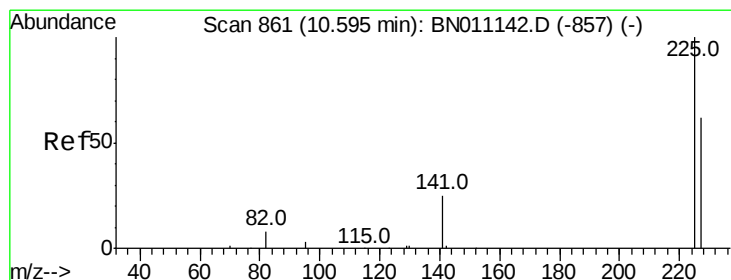
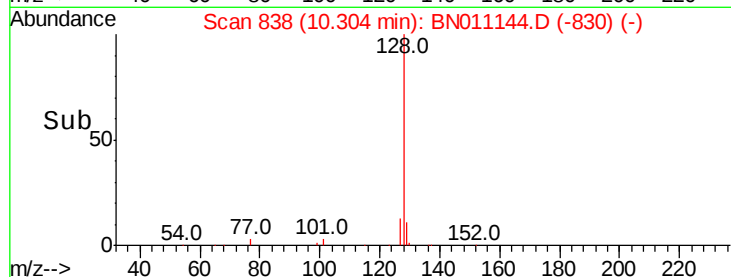
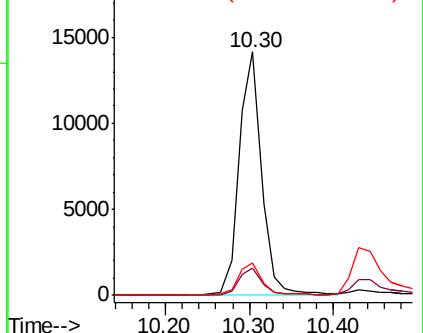
127 13.3 11.8 17.6



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: 1.630 ng

RT: 10.60 min Scan# 861

Delta R.T. 0.00 min

Lab File: BN011144.D

Acq: 10 Jul 2020 11:58

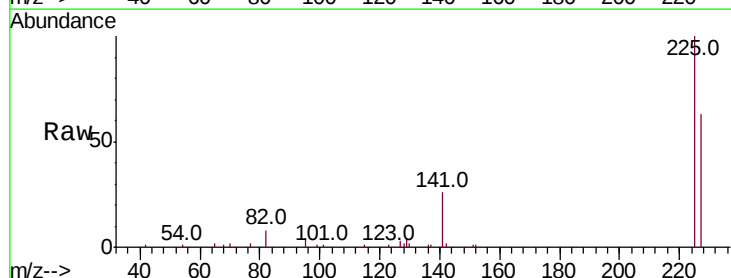
Tgt Ion:225 Resp: 6522

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

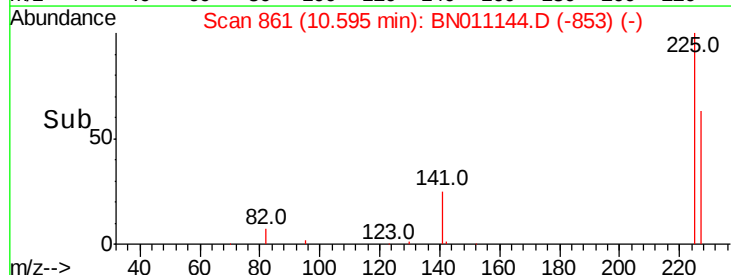
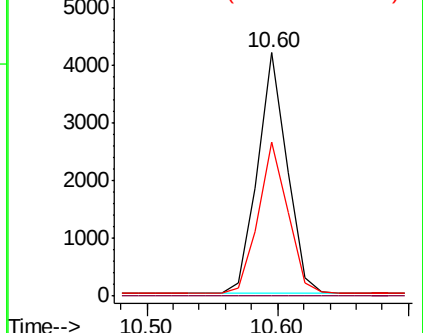
227 63.0 51.2 76.8

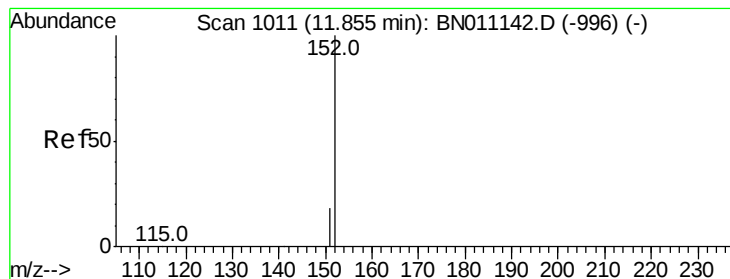


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.618 ng

RT: 11.85 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BN011144.D

Acq: 10 Jul 2020 11:58

Instrument :

BNA_N

ClientSampleId :

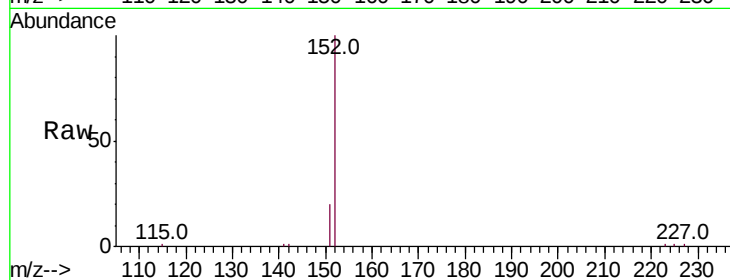
SSTDICC1.6

Tot Ion:152 Resp: 14818

Ion Ratio Lower Upper

152 100

151 20.5 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.85

10000

8000

6000

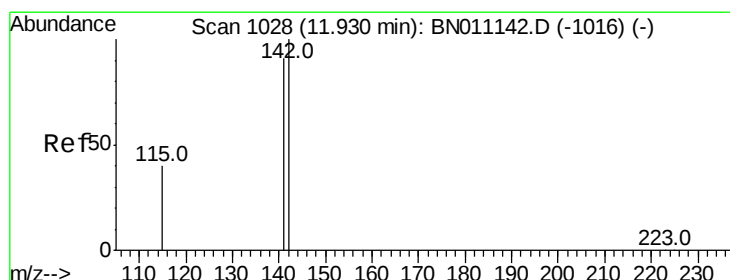
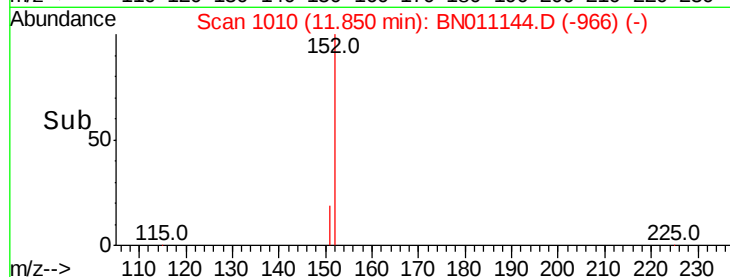
4000

2000

0

Time-->

11.70 11.80 11.90 12.00



#12

2-Methylnaphthalene

Concen: 1.620 ng

RT: 11.92 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BN011144.D

Acq: 10 Jul 2020 11:58

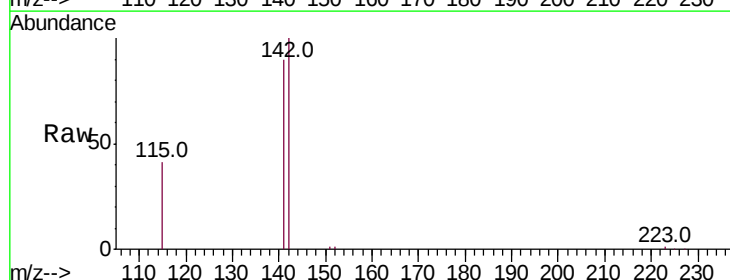
Tgt Ion:142 Resp: 17112

Ion Ratio Lower Upper

142 100

141 89.9 72.7 109.1

115 40.9 33.8 50.6



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

11.92

12000

10000

8000

6000

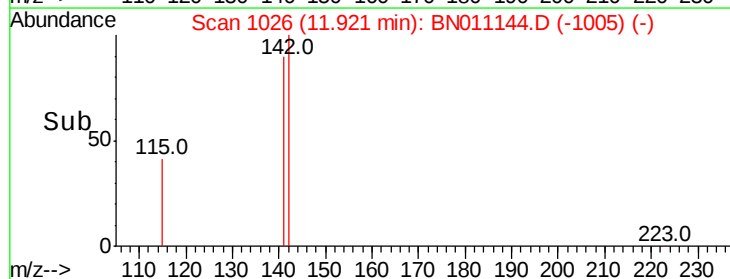
4000

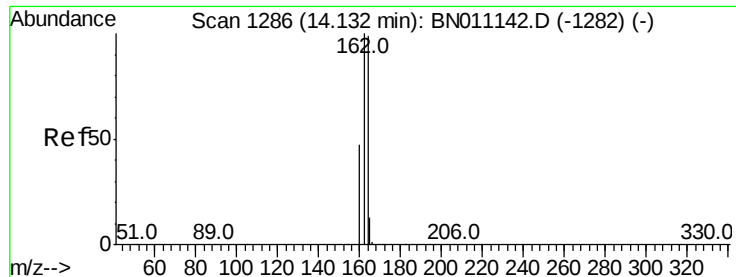
2000

0

Time-->

11.80 11.90 12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.13 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BN011144.D

Acq: 10 Jul 2020 11:58

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

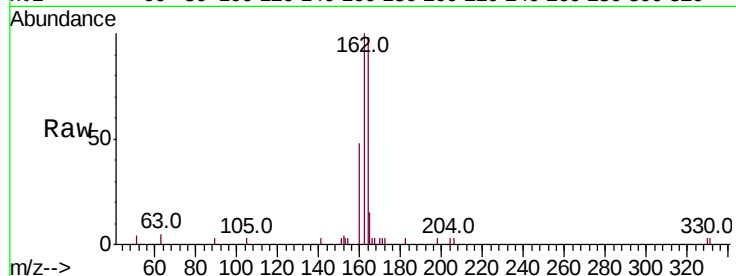
Tot Ion:164 Resp: 2772

Ion Ratio Lower Upper

164 100

162 102.0 81.0 121.4

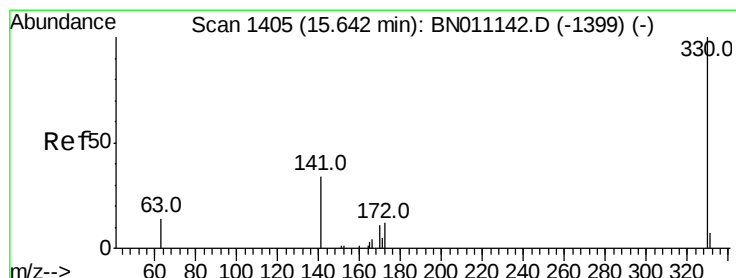
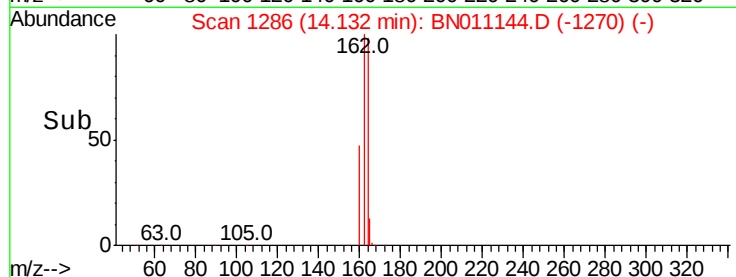
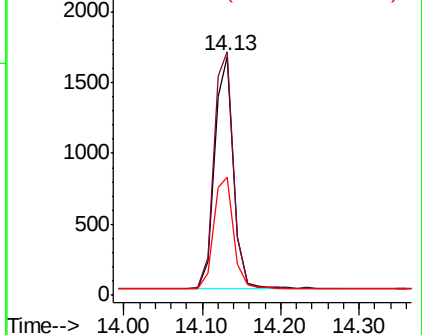
160 49.3 39.0 58.6



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: 1.702 ng

RT: 15.63 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BN011144.D

Acq: 10 Jul 2020 11:58

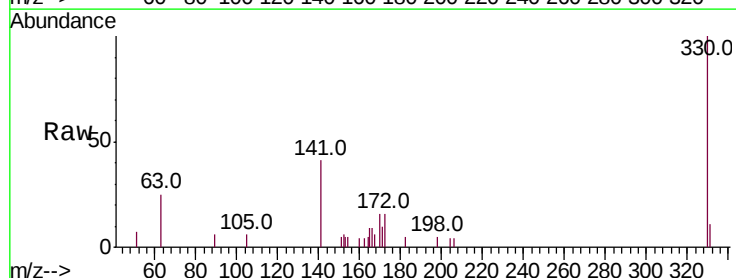
Tgt Ion:330 Resp: 1982

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

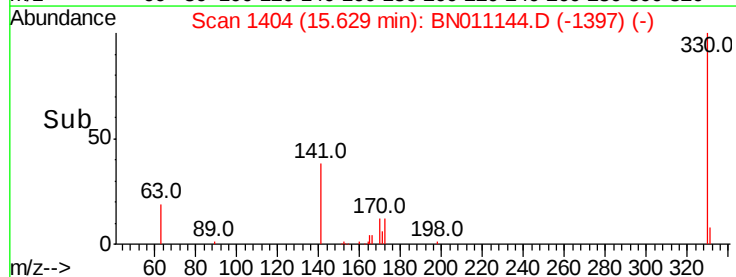
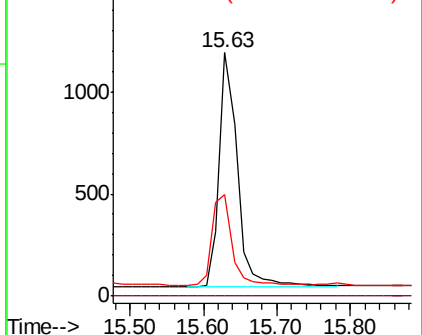
141 42.5 31.5 47.3

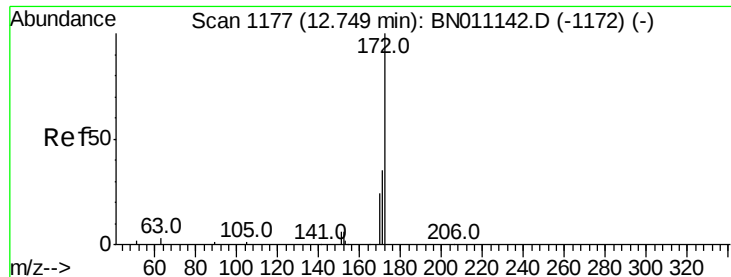


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

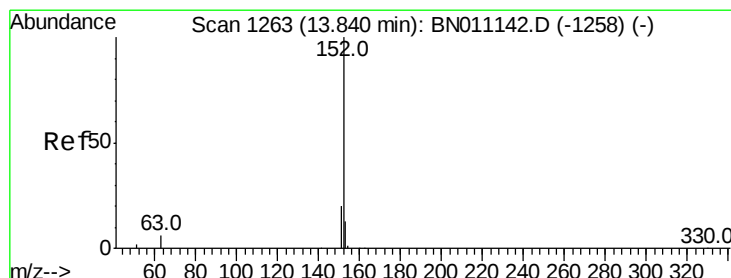
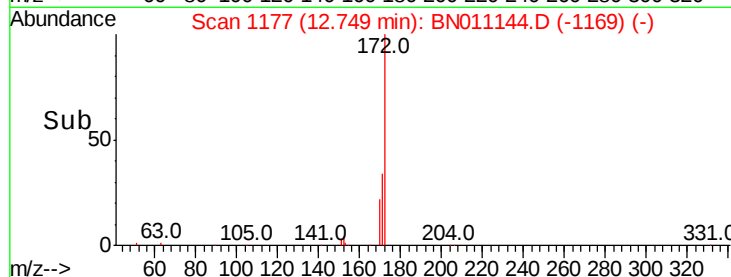
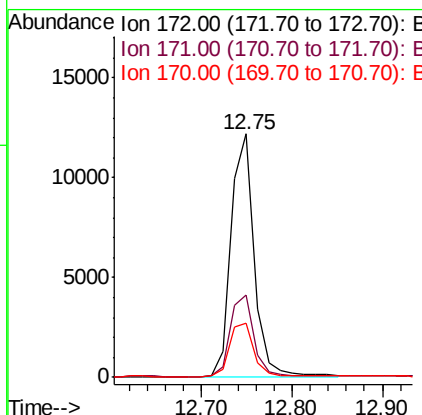
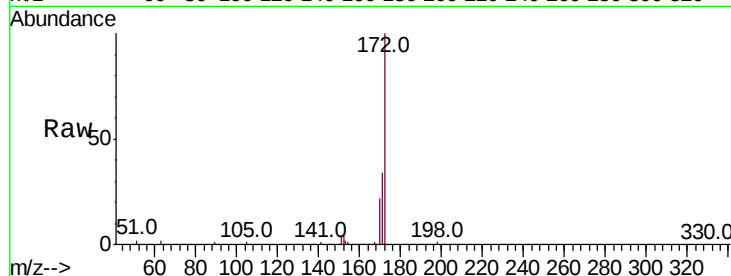




#15
2-Fluorobiphenyl
Concen: 1.646 ng
RT: 12.75 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BN011144.D
Acq: 10 Jul 2020 11:58

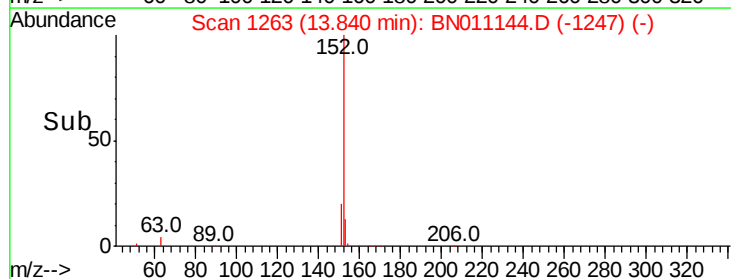
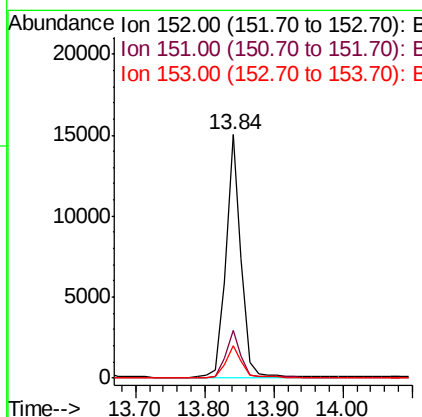
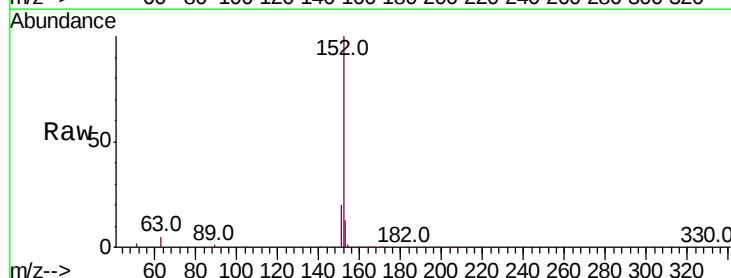
Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

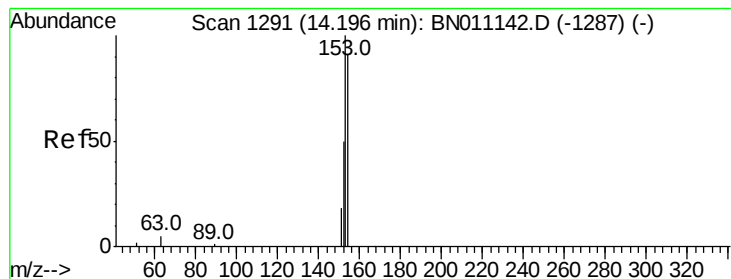
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.0	43.6
170	22.0	20.3	30.5



#16
Acenaphthylene
Concen: 1.674 ng
RT: 13.84 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BN011144.D
Acq: 10 Jul 2020 11:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5
153	13.1	10.6	15.8





#17

Acenaphthene

Concen: 1.614 ng

RT: 14.18 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BN011144.D

Acq: 10 Jul 2020 11:58

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

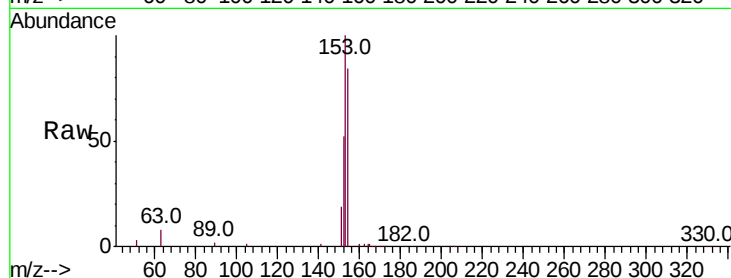
Tot Ion:154 Resp: 15197

Ion Ratio Lower Upper

154 100

153 115.6 91.3 136.9

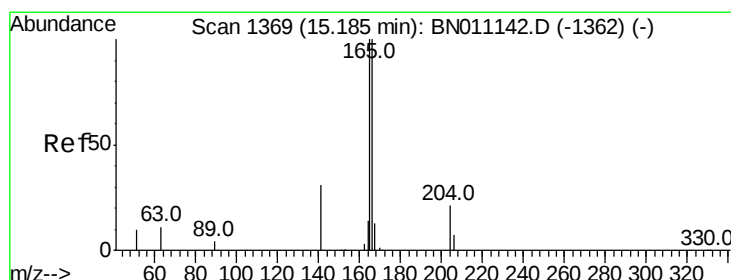
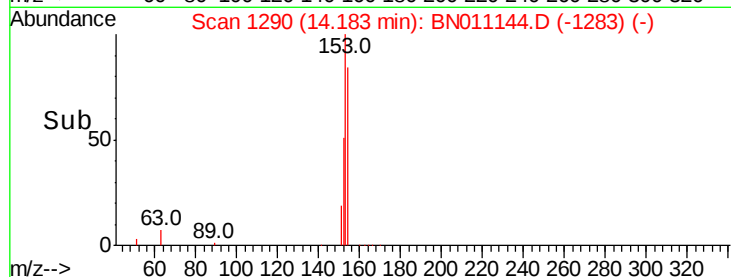
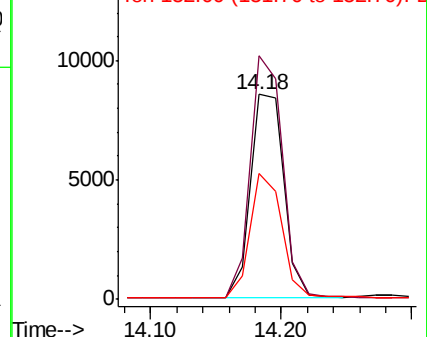
152 58.3 46.6 69.8



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: 1.629 ng

RT: 15.19 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BN011144.D

Acq: 10 Jul 2020 11:58

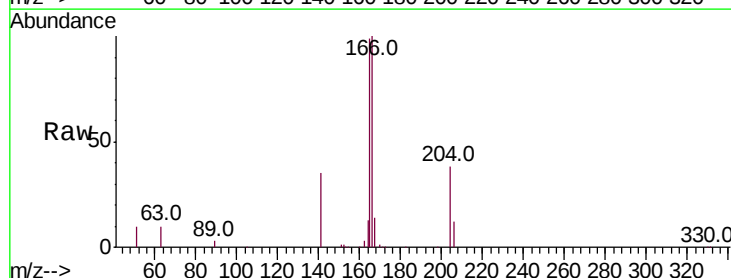
Tgt Ion:166 Resp: 19171

Ion Ratio Lower Upper

166 100

165 98.0 79.1 118.7

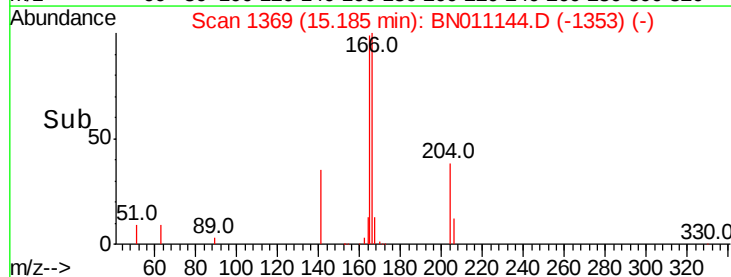
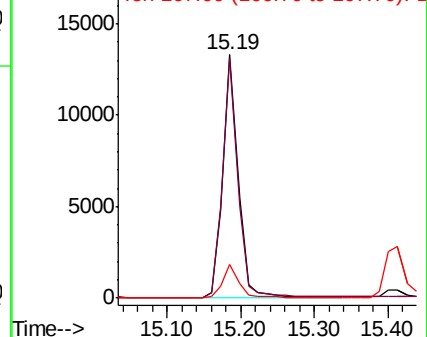
167 13.5 10.5 15.7

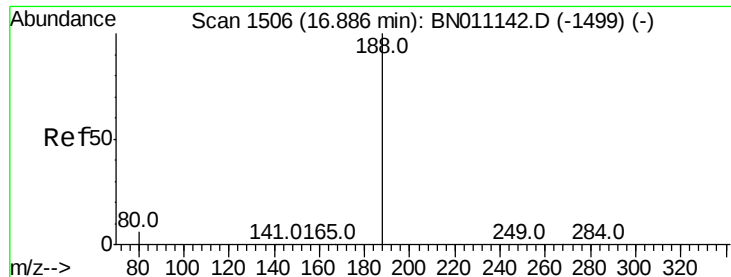


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN011144.D

Acq: 10 Jul 2020 11:58

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

Tot Ion:188 Resp: 5679

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

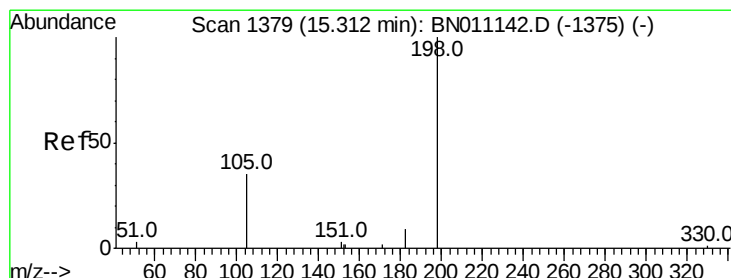
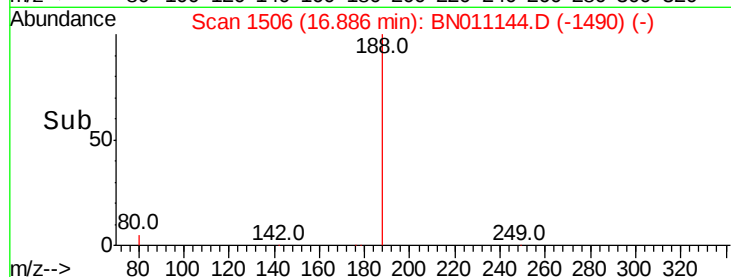
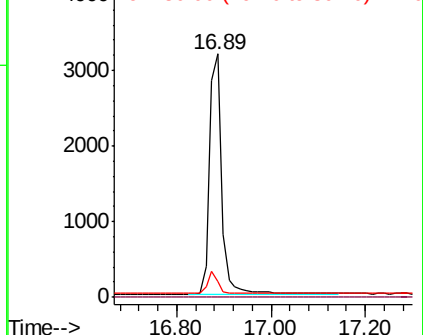
80 6.4 6.3 9.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4,6-Dinitro-2-methylphenol

Concen: 2.436 ng

RT: 15.29 min Scan# 1377

Delta R.T. -0.03 min

Lab File: BN011144.D

Acq: 10 Jul 2020 11:58

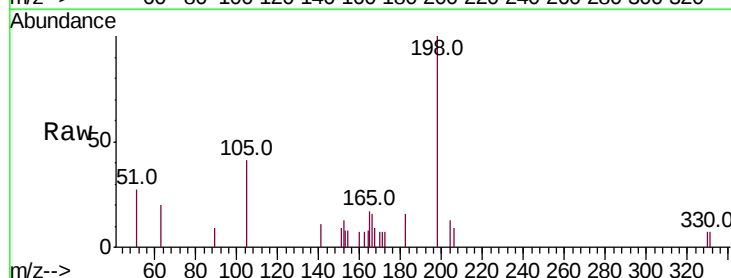
Tgt Ion:198 Resp: 1478

Ion Ratio Lower Upper

198 100

51 26.5 53.1 79.7#

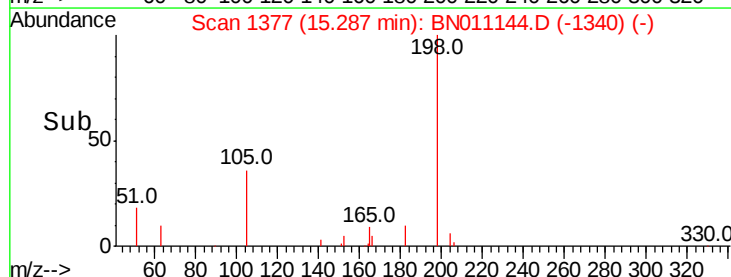
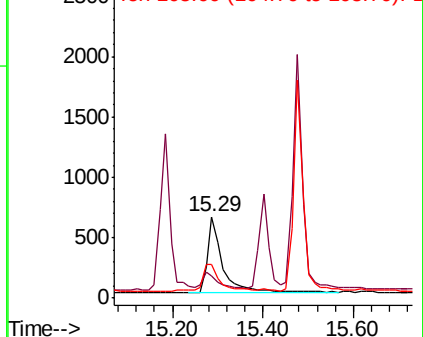
105 40.8 51.9 77.9#

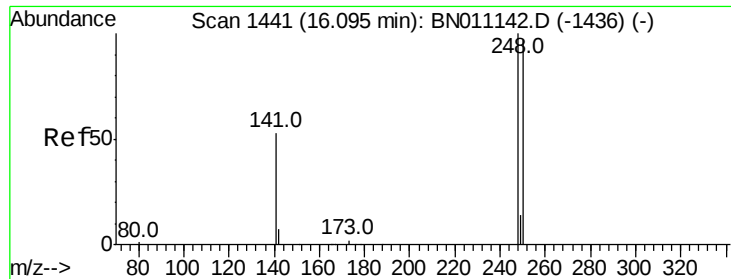


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E

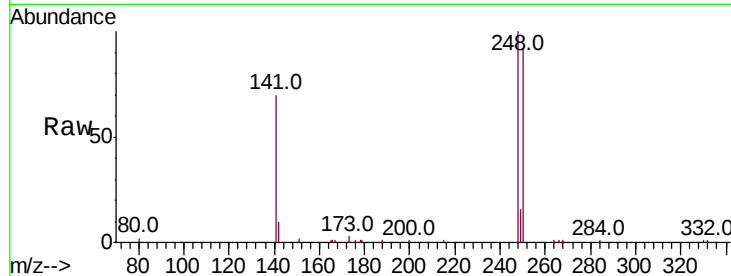




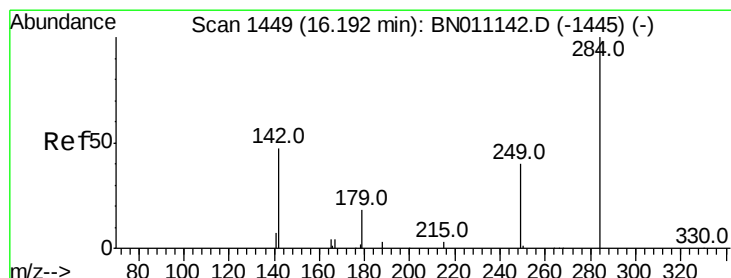
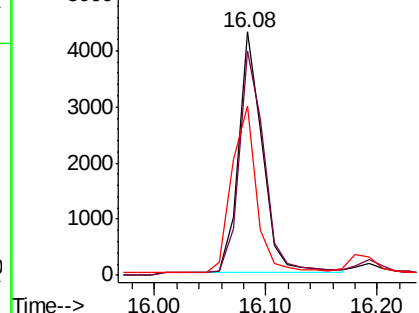
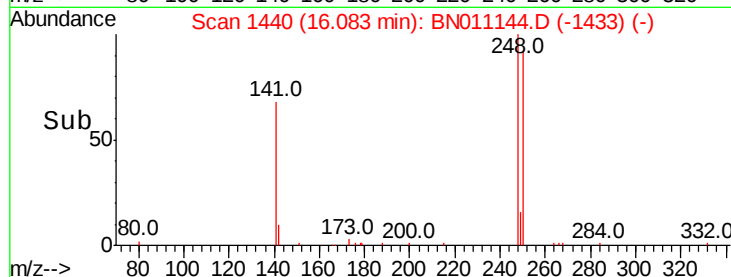
#21
4-Bromophenyl-phenylether
Concen: 1.696 ng
RT: 16.08 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BN011144.D
Acq: 10 Jul 2020 11:58

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tot Ion:248 Resp: 6402
Ion Ratio Lower Upper
248 100
250 92.3 78.4 117.6
141 69.6 45.1 67.7#

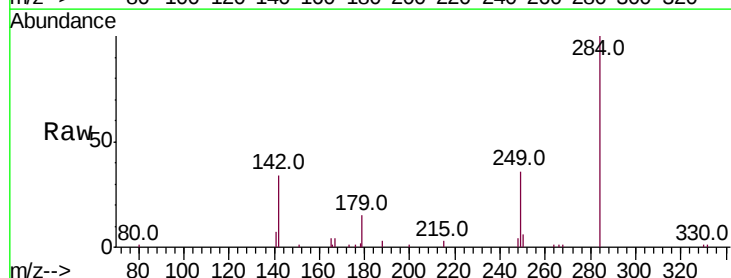


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

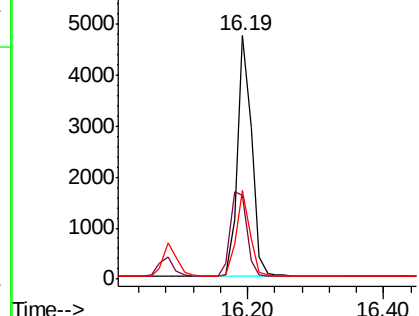
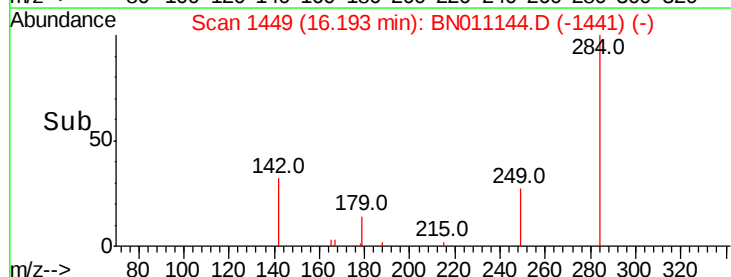


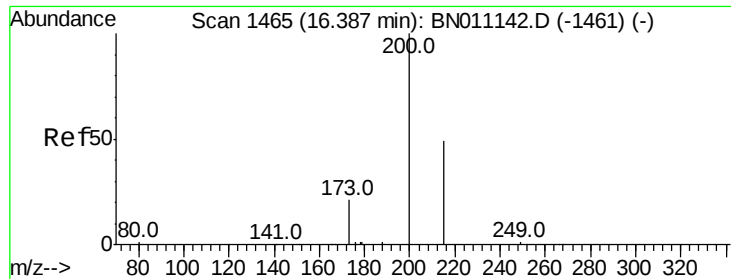
#22
Hexachlorobenzene
Concen: 1.539 ng
RT: 16.19 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BN011144.D
Acq: 10 Jul 2020 11:58

Tgt Ion:284 Resp: 6847
Ion Ratio Lower Upper
284 100
142 41.6 32.6 48.8
249 33.6 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

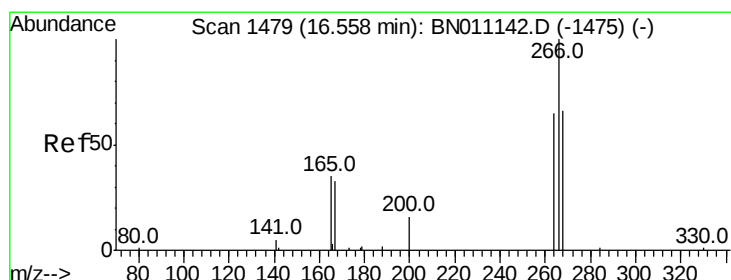
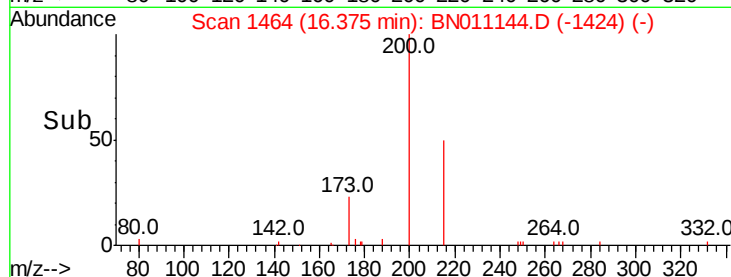
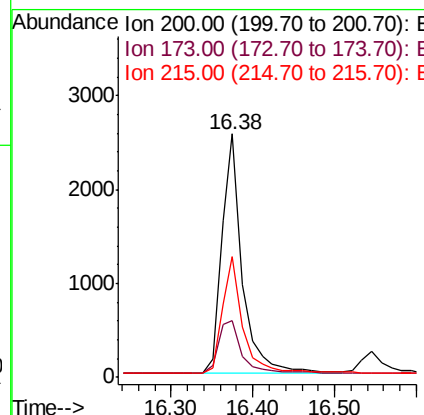
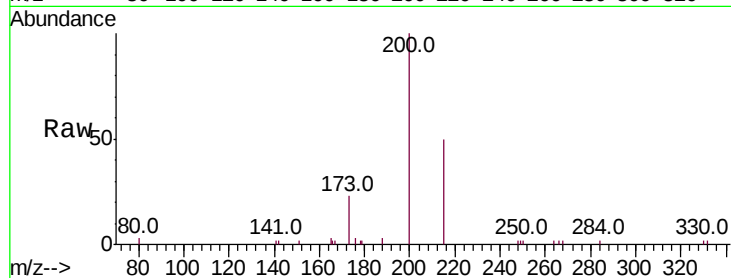




#23
Atrazine
Concen: 1.668 ng
RT: 16.38 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BN011144.D
Acq: 10 Jul 2020 11:58

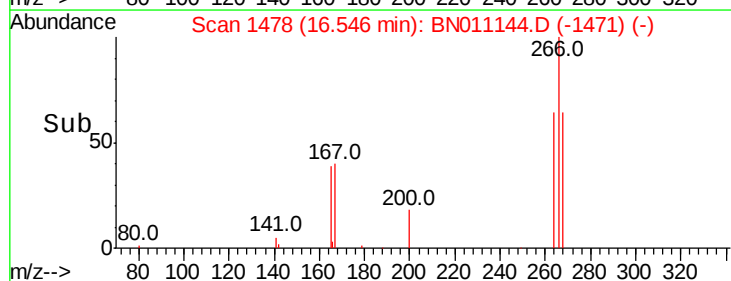
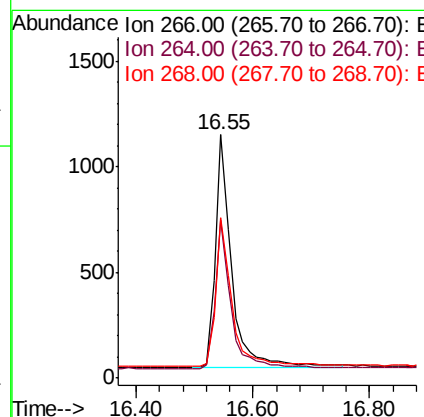
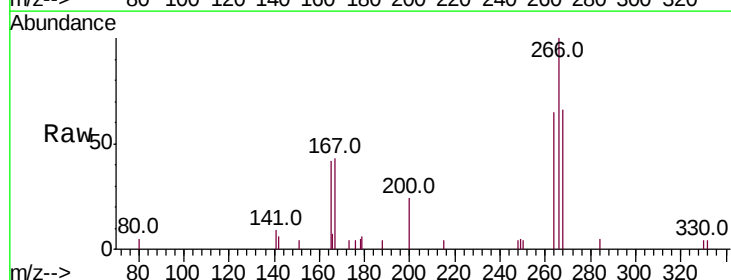
Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

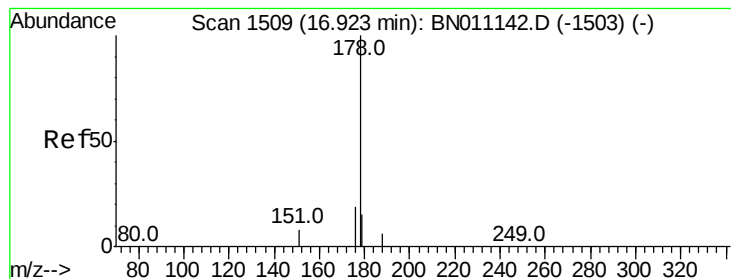
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.1	23.0	34.4
215	49.6	42.6	63.8



#24
Pentachlorophenol
Concen: 1.753 ng
RT: 16.55 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BN011144.D
Acq: 10 Jul 2020 11:58

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.4	52.5	78.7
268	62.5	48.9	73.3





#25

Phenanthrene

Concen: 1.620 ng

RT: 16.92 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BN011144.D

Acq: 10 Jul 2020 11:58

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

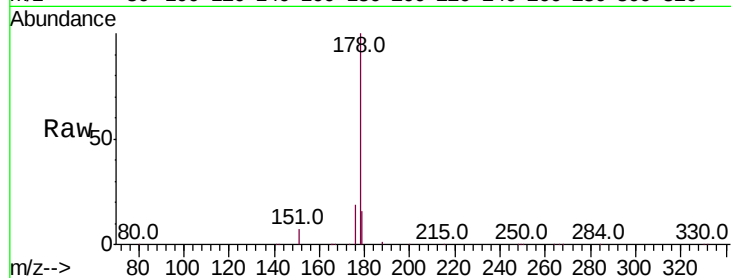
Tot Ion:178 Resp: 29794

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

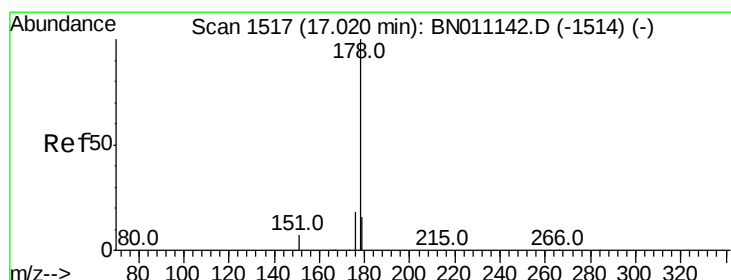
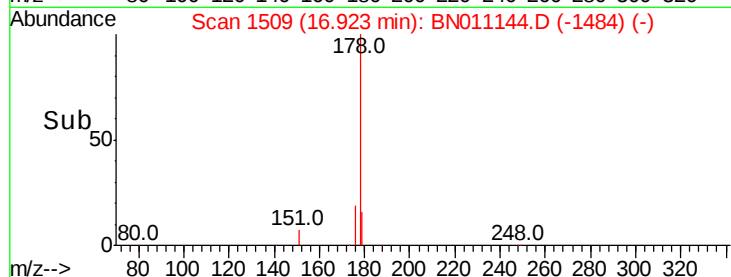
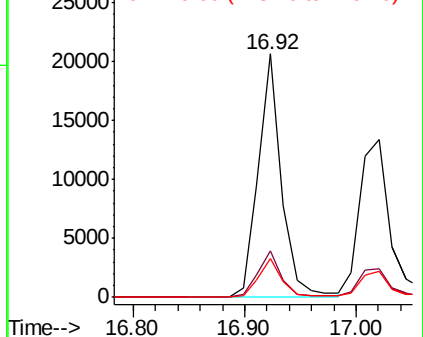
179 15.5 12.6 18.8



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: 1.656 ng

RT: 17.02 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BN011144.D

Acq: 10 Jul 2020 11:58

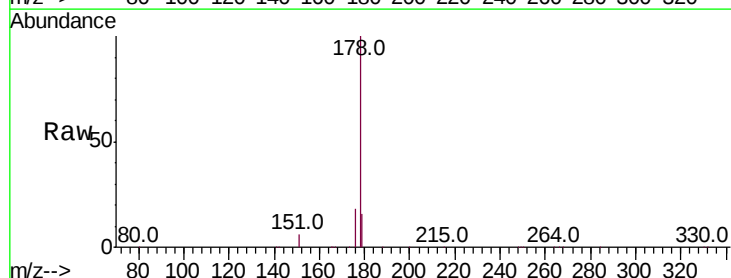
Tgt Ion:178 Resp: 25193

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

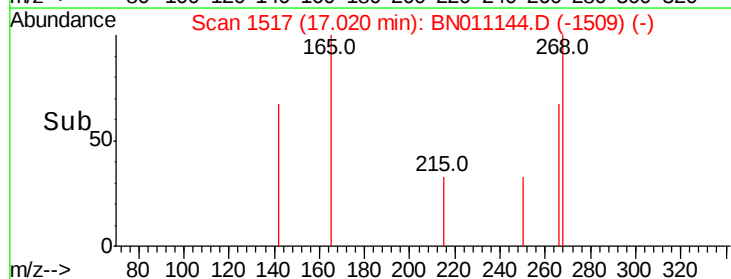
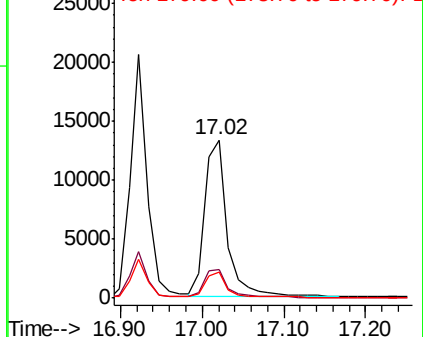
179 15.3 12.0 18.0

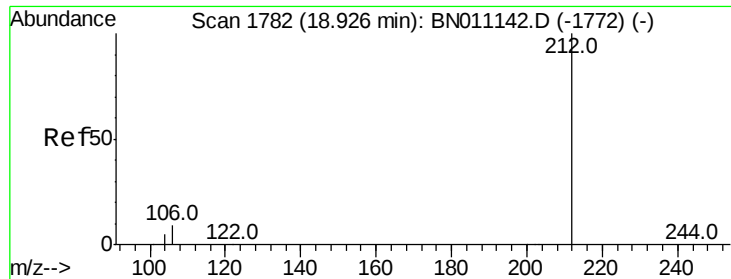


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

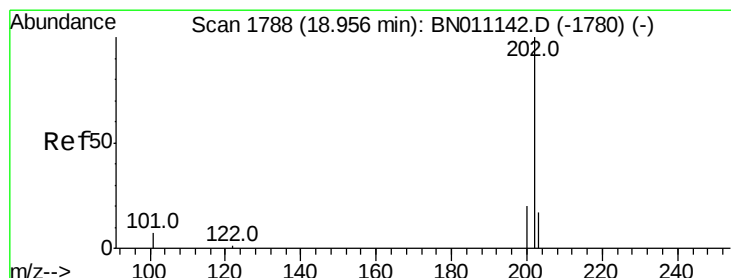
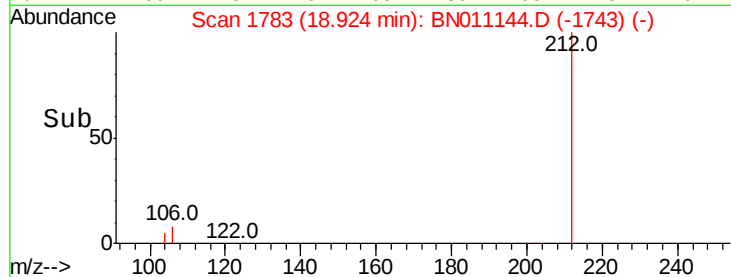
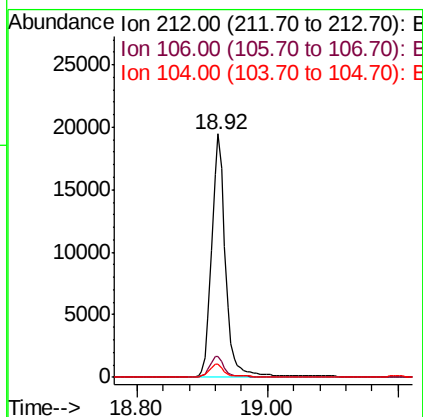
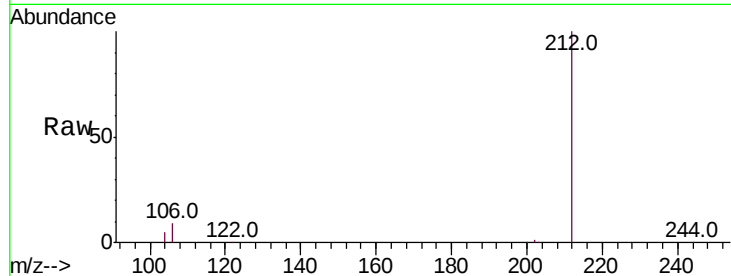




#27
 Fluoranthene-d10
 Concen: 1.640 ng
 RT: 18.92 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: BN011144.D
 Acq: 10 Jul 2020 11:58

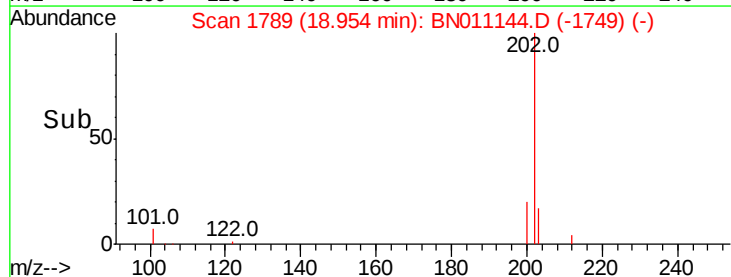
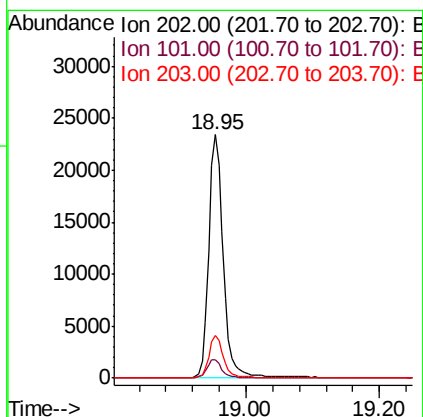
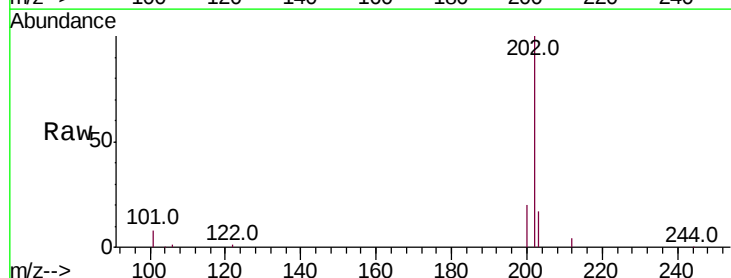
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

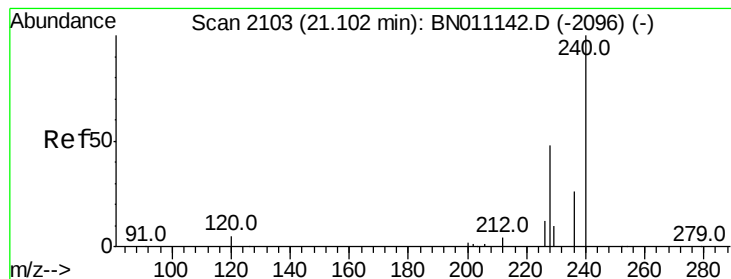
Tot Ion:212 Resp: 28164
 Ion Ratio Lower Upper
 212 100
 106 8.7 7.0 10.6
 104 5.0 4.2 6.4



#28
 Fluoranthene
 Concen: 1.678 ng
 RT: 18.95 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BN011144.D
 Acq: 10 Jul 2020 11:58

Tgt Ion:202 Resp: 34712
 Ion Ratio Lower Upper
 202 100
 101 7.6 5.9 8.9
 203 17.1 13.6 20.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.10 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BN011144.D

Acq: 10 Jul 2020 11:58

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

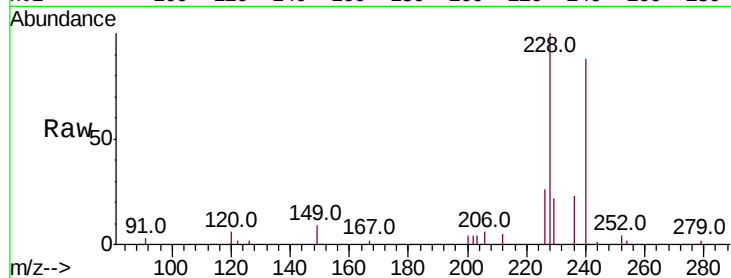
Tot Ion:240 Resp: 6196

Ion Ratio Lower Upper

240 100

120 7.1 6.5 9.7

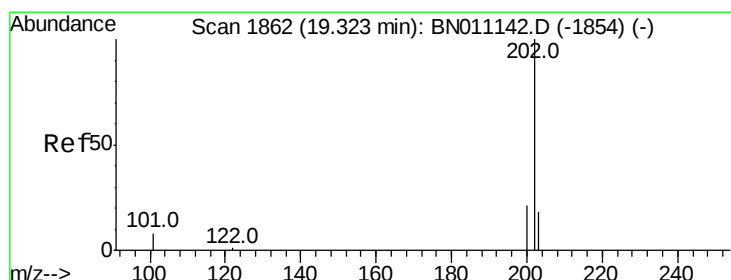
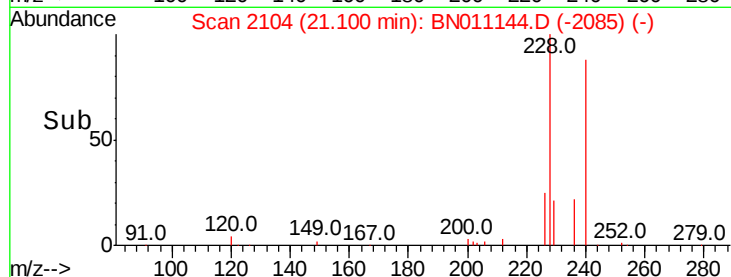
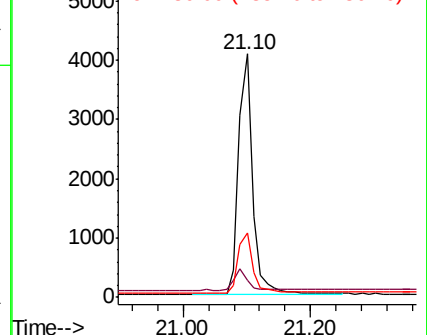
236 26.7 21.9 32.9



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: 1.467 ng

RT: 19.32 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BN011144.D

Acq: 10 Jul 2020 11:58

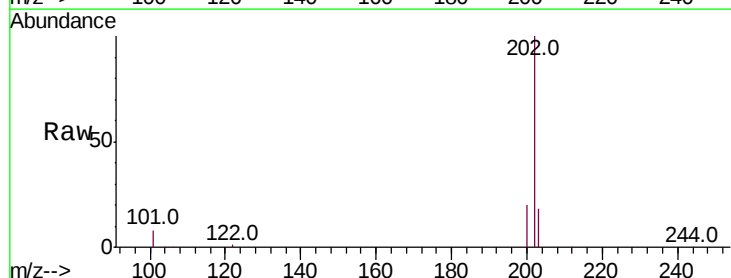
Tgt Ion:202 Resp: 33913

Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

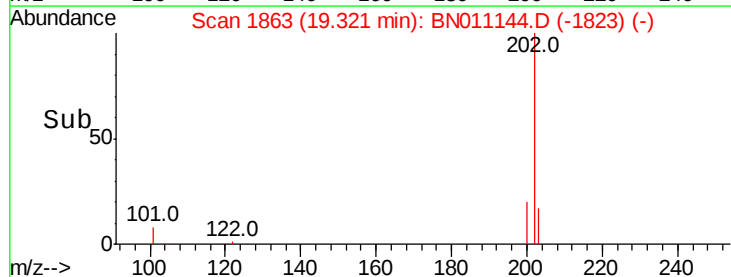
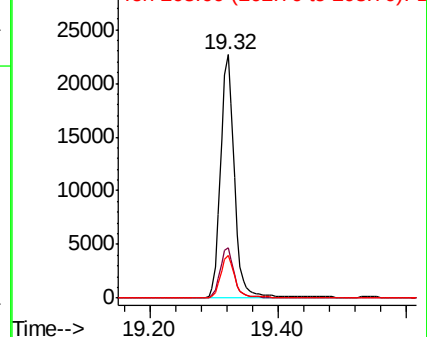
203 17.5 14.2 21.4

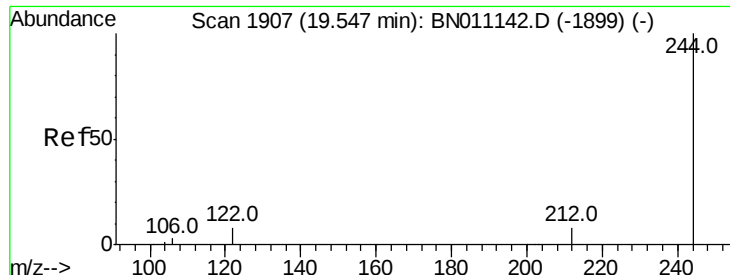


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 1.469 ng

RT: 19.54 min Scan# 1907

Delta R.T. -0.01 min

Lab File: BN011144.D

Acq: 10 Jul 2020 11:58

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

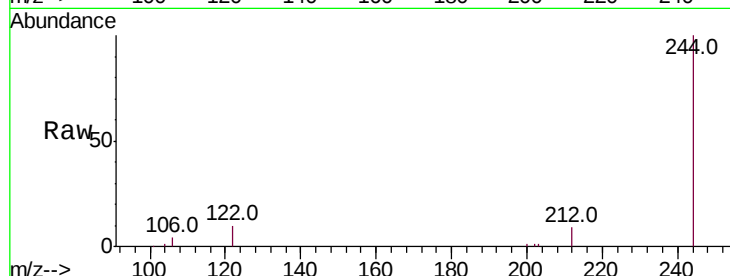
Tot Ion:244 Resp: 23700

Ion Ratio Lower Upper

244 100

212 8.7 7.8 11.6

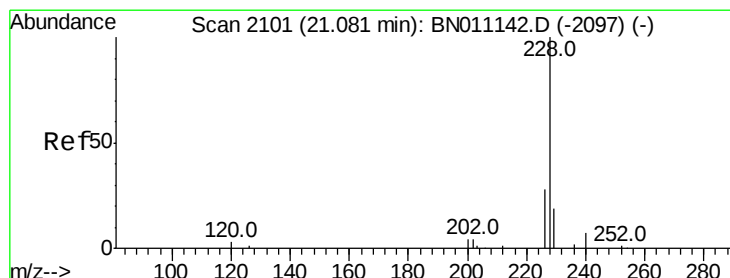
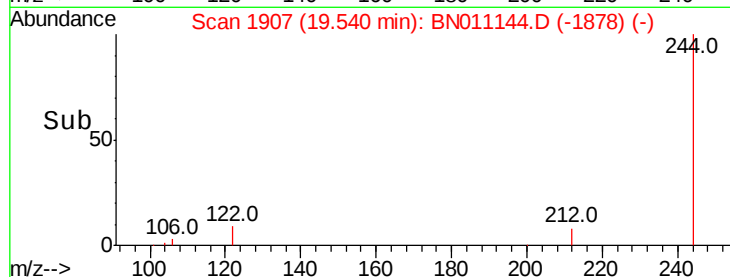
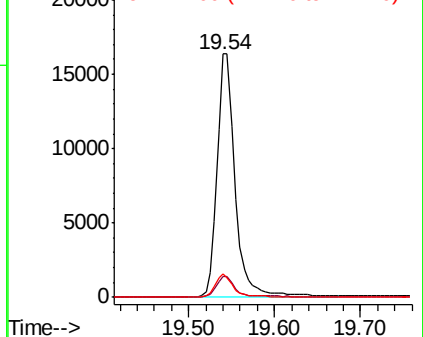
122 9.7 7.4 11.0



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: 1.609 ng

RT: 21.08 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN011144.D

Acq: 10 Jul 2020 11:58

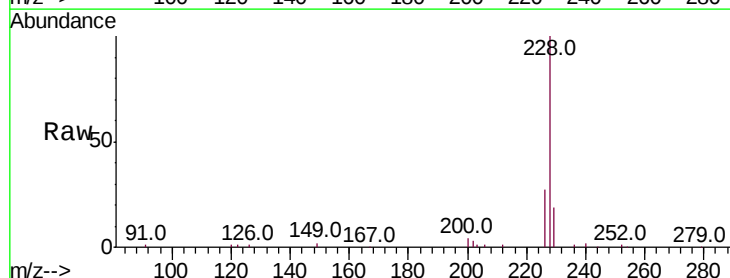
Tgt Ion:228 Resp: 33318

Ion Ratio Lower Upper

228 100

226 27.2 23.2 34.8

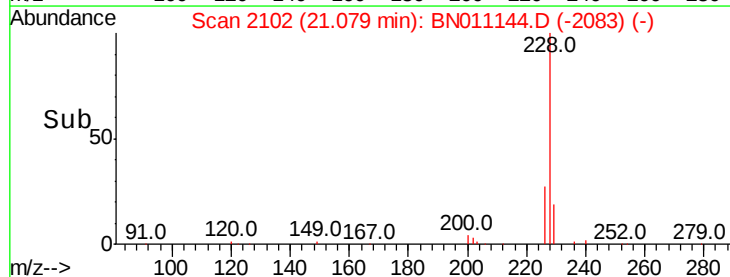
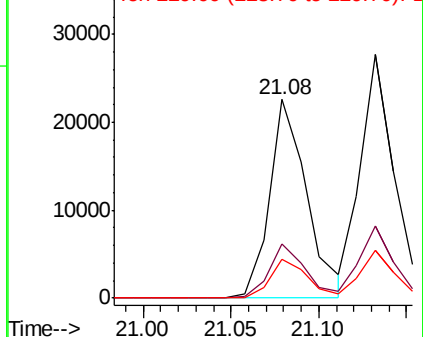
229 19.2 16.2 24.4

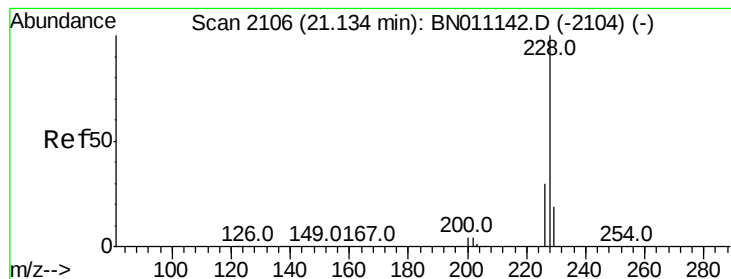


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 1.589 ng

RT: 21.13 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BN011144.D

Acq: 10 Jul 2020 11:58

Instrument :

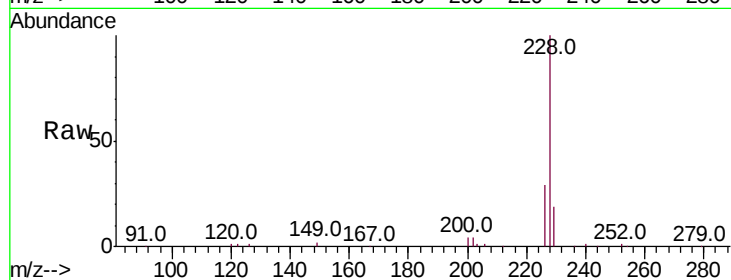
BNA_N

ClientSampleId :

SSTDICC1.6

Tot Ion:228 Resp: 37757

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.0	36.0
229	19.4	16.2	24.4

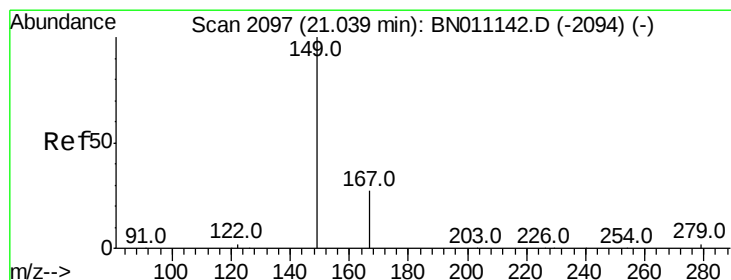
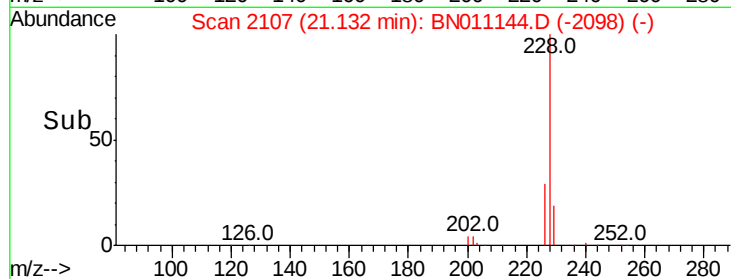
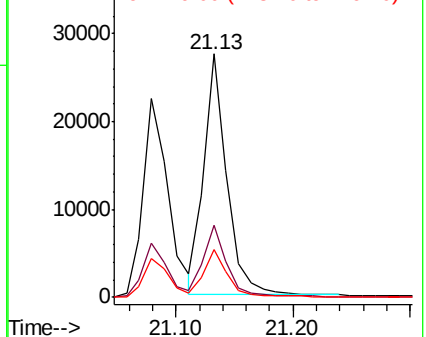


Abundance

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: 1.382 ng

RT: 21.04 min Scan# 2098

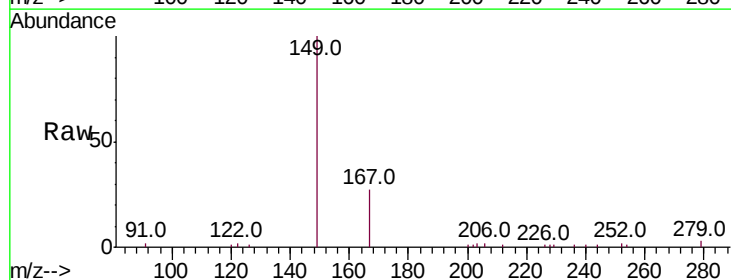
Delta R.T. -0.00 min

Lab File: BN011144.D

Acq: 10 Jul 2020 11:58

Tgt Ion:149 Resp: 11569

Ion	Ratio	Lower	Upper
149	100		
167	27.3	23.4	35.0
279	4.8	4.5	6.7

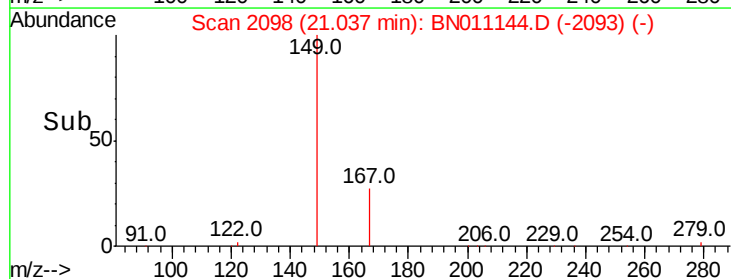
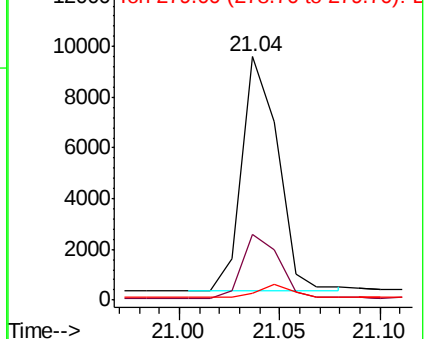


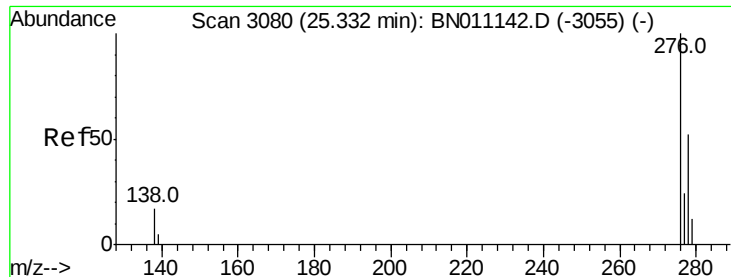
Abundance

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

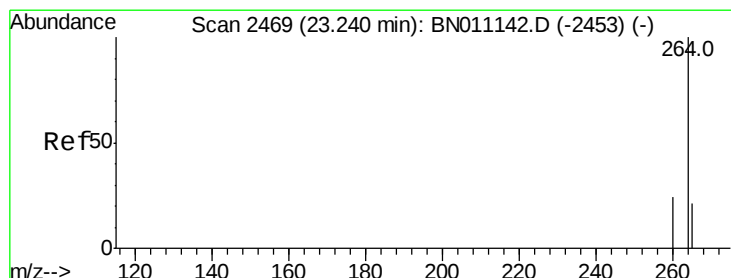
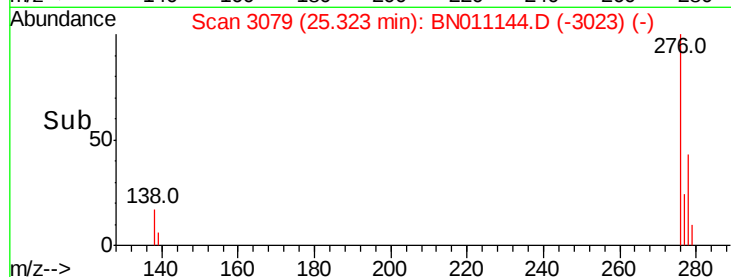
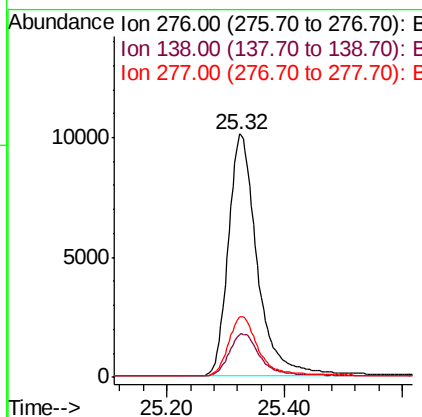
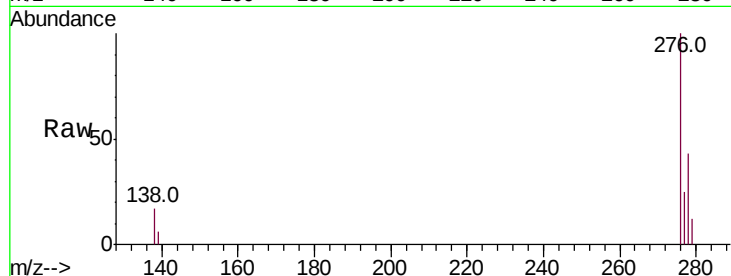




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 1.383 ng
 RT: 25.32 min Scan# 3079
 Delta R.T. -0.01 min
 Lab File: BN011144.D
 Acq: 10 Jul 2020 11:58

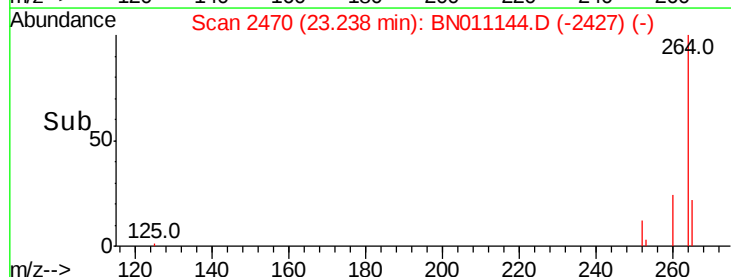
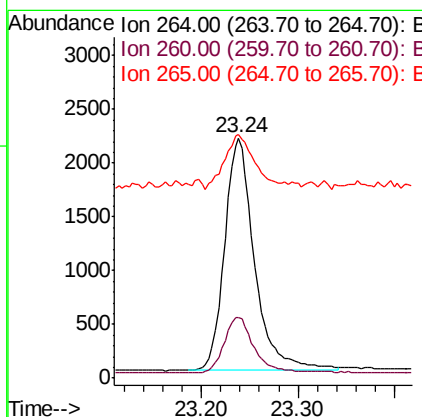
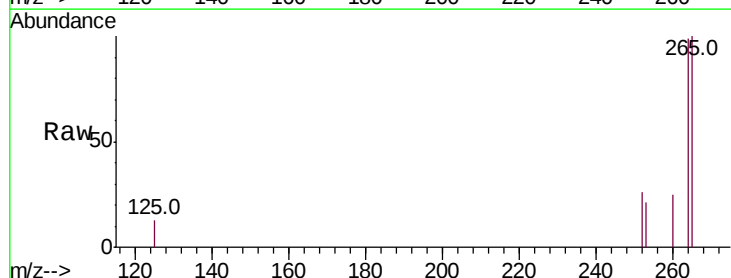
Instrument :
 BNA_N
 ClientSampleId :
 SSTDICC1.6

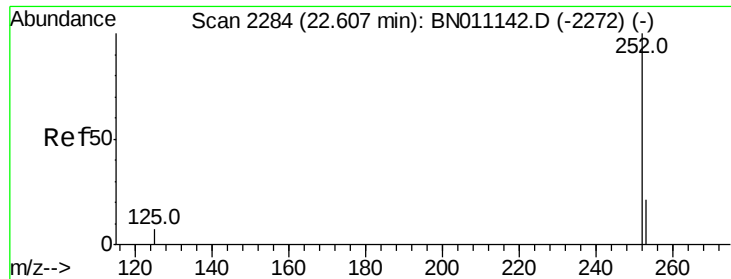
Tot Ion:276 Resp: 34351
 Ion Ratio Lower Upper
 276 100
 138 18.2 13.0 19.6
 277 24.9 19.7 29.5



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.24 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BN011144.D
 Acq: 10 Jul 2020 11:58

Tgt Ion:264 Resp: 4658
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.1 30.1
 265 101.3 76.6 115.0





#37

Benzo(b)fluoranthene

Concen: 1.679 ng

RT: 22.61 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BN011144.D

Acq: 10 Jul 2020 11:58

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

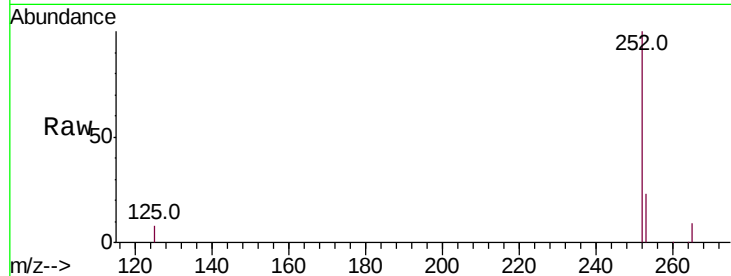
Tot Ion:252 Resp: 31352

Ion Ratio Lower Upper

252 100

253 23.5 22.6 34.0

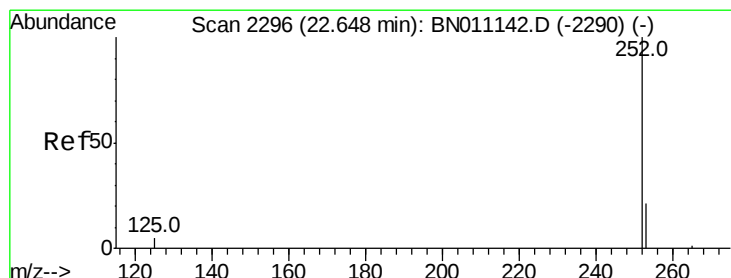
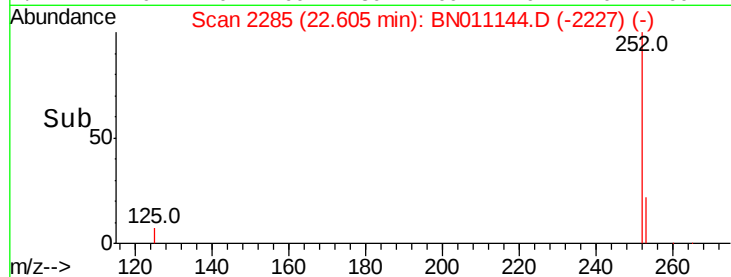
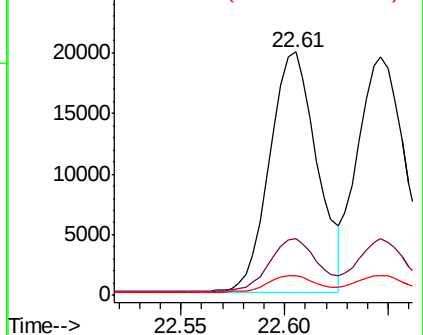
125 8.2 9.6 14.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Benzo(k)fluoranthene

Concen: 1.685 ng

RT: 22.65 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BN011144.D

Acq: 10 Jul 2020 11:58

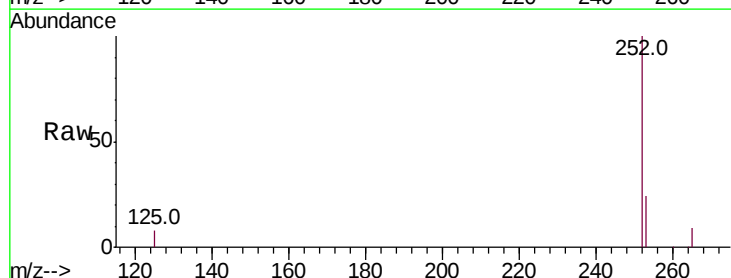
Tgt Ion:252 Resp: 33684

Ion Ratio Lower Upper

252 100

253 23.6 22.2 33.4

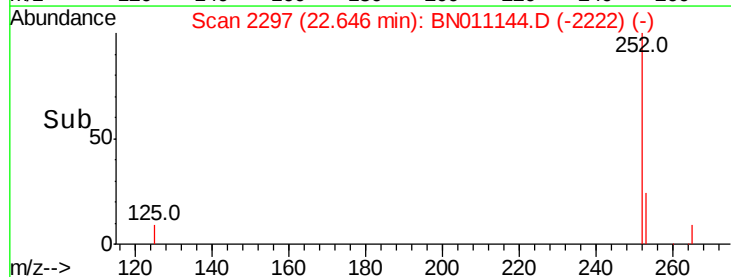
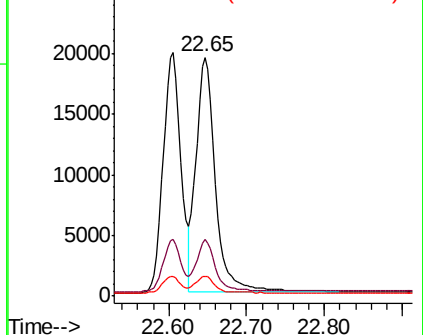
125 8.4 11.0 16.4#

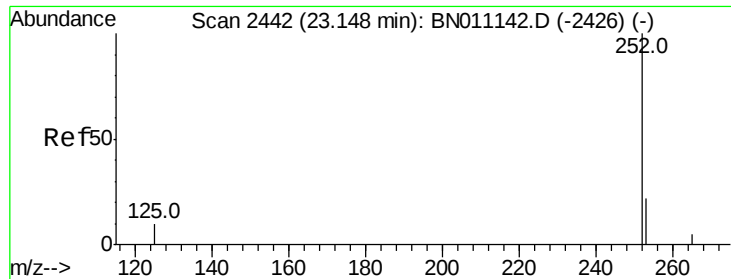


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 1.654 ng

RT: 23.14 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BN011144.D

Acq: 10 Jul 2020 11:58

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

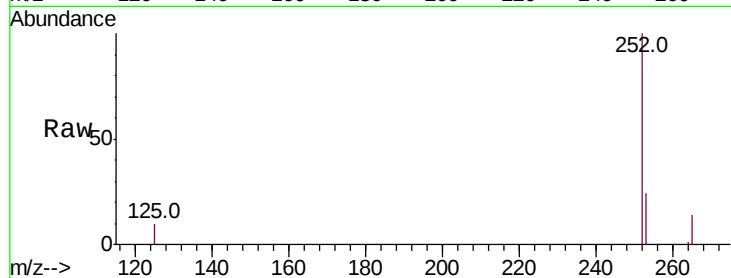
Tot Ion:252 Resp: 26622

Ion Ratio Lower Upper

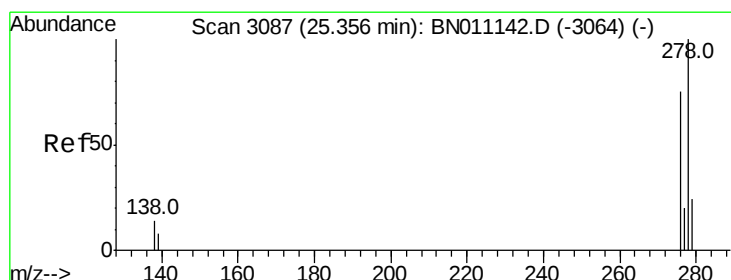
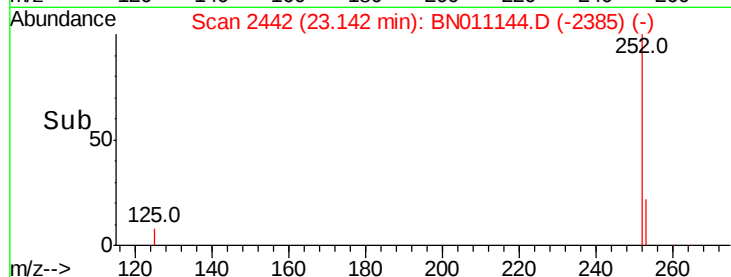
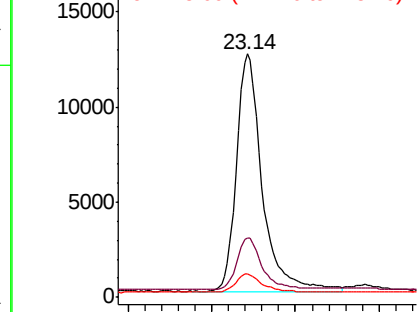
252 100

253 24.4 25.8 38.6#

125 9.6 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: 1.697 ng

RT: 25.34 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BN011144.D

Acq: 10 Jul 2020 11:58

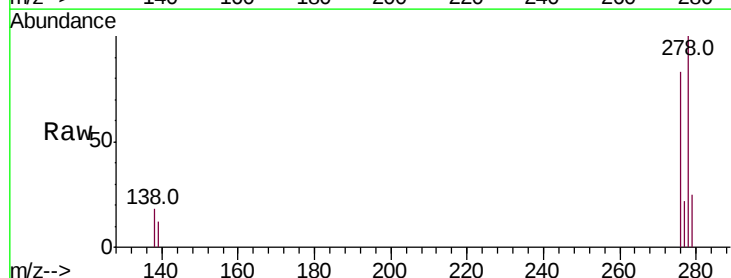
Tgt Ion:278 Resp: 27986

Ion Ratio Lower Upper

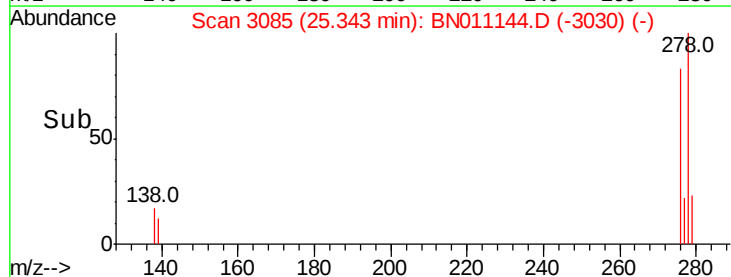
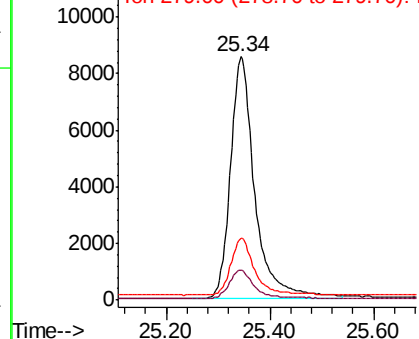
278 100

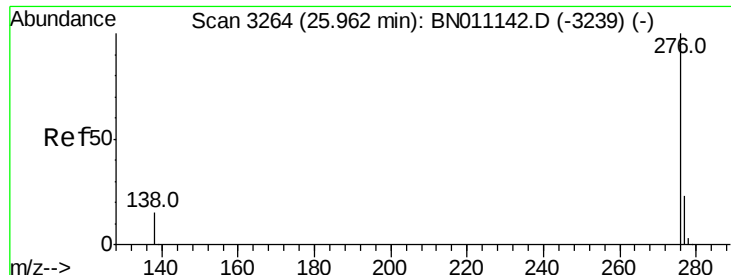
139 12.4 11.7 17.5

279 25.4 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: 1.665 ng

RT: 25.95 min Scan# 3263

Delta R.T. -0.01 min

Lab File: BN011144.D

Acq: 10 Jul 2020 11:58

Instrument :

BNA_N

ClientSampleId :

SSTDICC1.6

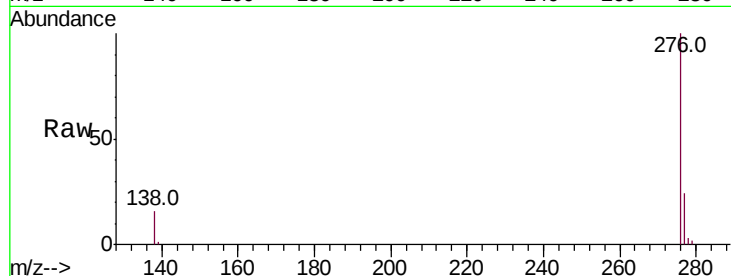
Tot Ion:276 Resp: 30250

Ion Ratio Lower Upper

276 100

277 24.1 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

