

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071320\
 Data File : BN011150.D
 Acq On : 13 Jul 2020 10:36
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4

Quant Time: Jul 13 11:28:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 11:25:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	1829	0.40	ng	0.00
7) Naphthalene-d8	10.25	136	6393	0.40	ng	0.00
13) Acenaphthene-d10	14.13	164	3447	0.40	ng	0.00
19) Phenanthrene-d10	16.89	188	6188	0.40	ng	0.00
29) Chrysene-d12	21.10	240	5786	0.40	ng	0.00
36) Perylene-d12	23.24	264	5742	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.18	112	1920	0.43	ng	0.00
5) Phenol-d6	6.72	99	2182	0.43	ng	0.00
8) Nitrobenzene-d5	8.66	82	2151	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.85	152	4073	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.64	330	512	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.75	172	5849	0.36	ng	0.00
27) Fluoranthene-d10	18.93	212	7606	0.39	ng	0.00
31) Terphenyl-d14	19.55	244	6427	0.43	ng	0.00

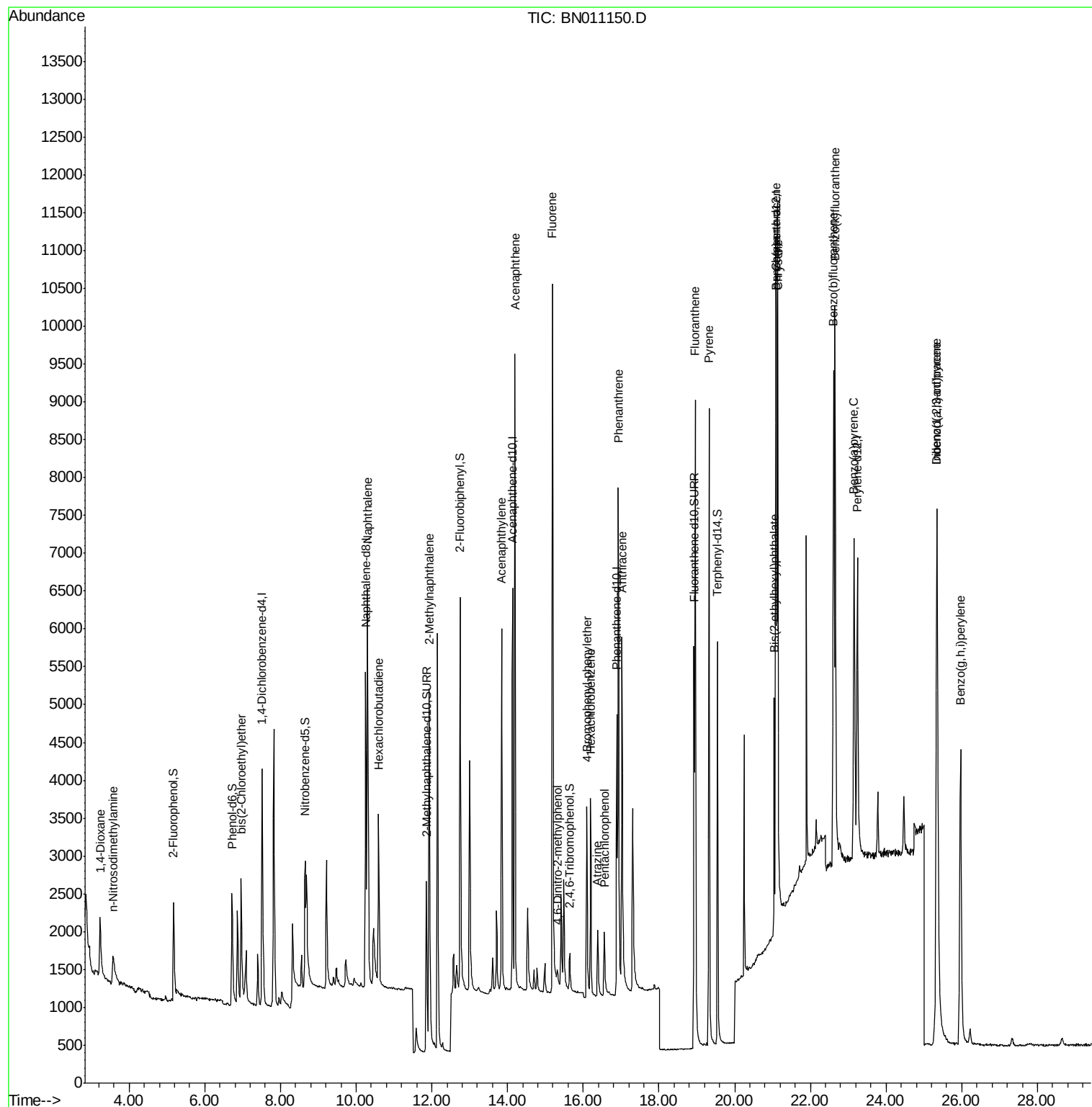
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	1086	0.415	ng	98
3) n-Nitrosodimethylamine	3.57	42	516	0.392	ng	95
6) bis(2-Chloroethyl)ether	6.96	93	1821	0.390	ng	99
9) Naphthalene	10.30	128	7441	0.391	ng	99
10) Hexachlorobutadiene	10.60	225	1763	0.374	ng	# 99
12) 2-Methylnaphthalene	11.93	142	4667	0.390	ng	97
16) Acenaphthylene	13.84	152	6164	0.351	ng	99
17) Acenaphthene	14.20	154	4749	0.406	ng	99
18) Fluorene	15.19	166	5504	0.367	ng	100
20) 4,6-Dinitro-2-methylphenol	15.31	198	334	0.422	ng	99
21) 4-Bromophenyl-phenylether	16.10	248	1644	0.391	ng	96
22) Hexachlorobenzene	16.19	284	1986	0.406	ng	98
23) Atrazine	16.37	200	1155	0.392	ng	95
24) Pentachlorophenol	16.56	266	647	0.445	ng	95
25) Phenanthrene	16.92	178	8038	0.404	ng	99
26) Anthracene	17.02	178	6545	0.396	ng	99
28) Fluoranthene	18.96	202	9115	0.382	ng	100
30) Pyrene	19.32	202	9209	0.417	ng	99
32) Benzo(a)anthracene	21.09	228	7621	0.407	ng	97
33) Chrysene	21.13	228	9519	0.415	ng	99
34) Bis(2-ethylhexyl)phthalate	21.04	149	3393	0.439	ng	98
35) Indeno(1,2,3-cd)pyrene	25.34	276	11098	0.474	ng	98
37) Benzo(b)fluoranthene	22.61	252	8496	0.368	ng	99
38) Benzo(k)fluoranthene	22.65	252	10741	0.412	ng	98
39) Benzo(a)pyrene	23.15	252	8056	0.388	ng	99
40) Dibenzo(a,h)anthracene	25.35	278	8450	0.384	ng	98
41) Benzo(g,h,i)perylene	25.97	276	8869	0.367	ng	99

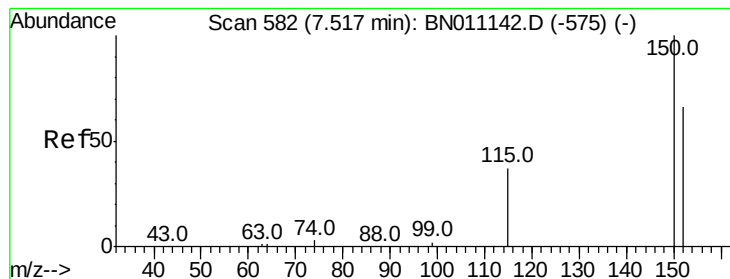
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071320\
Data File : BN011150.D
Acq On : 13 Jul 2020 10:36
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 13 11:28:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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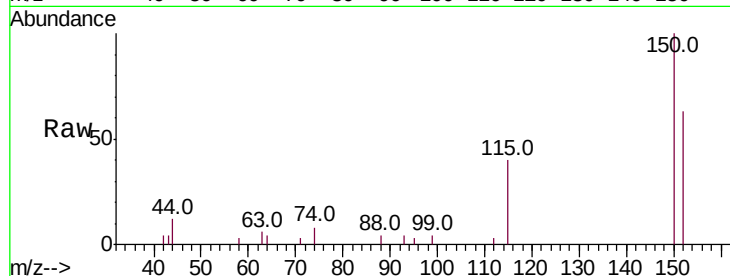


#1

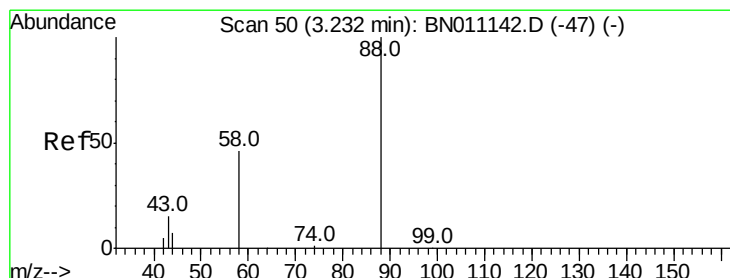
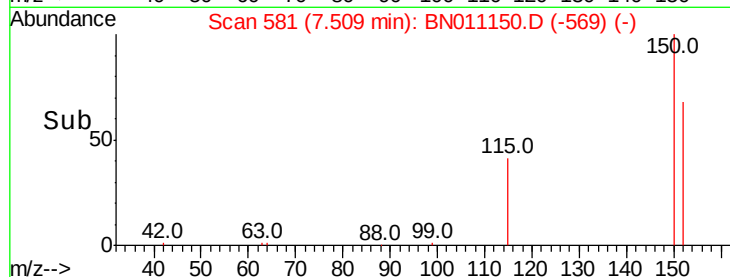
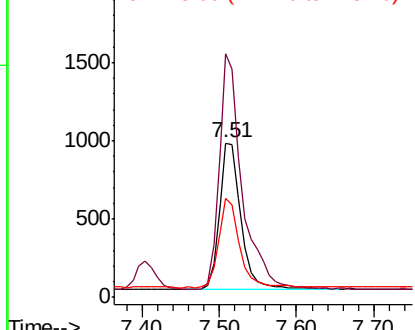
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.51 min Scan# 581
Delta R.T. 0.00 min
Lab File: BN011150.D
Acq: 13 Jul 2020 10:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 1829
Ion Ratio Lower Upper
152 100
150 158.1 119.4 179.0
115 64.0 48.3 72.5



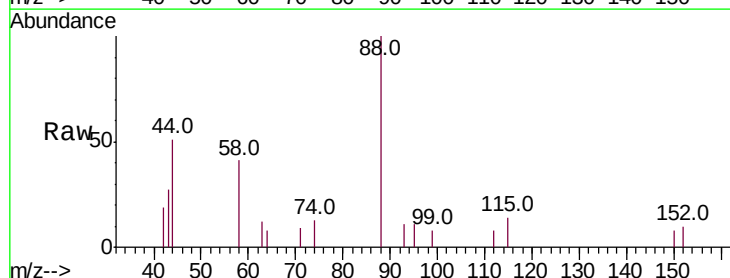
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



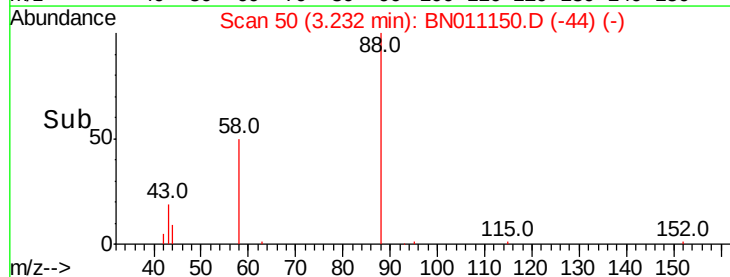
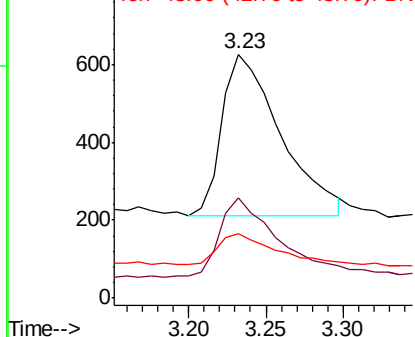
#2

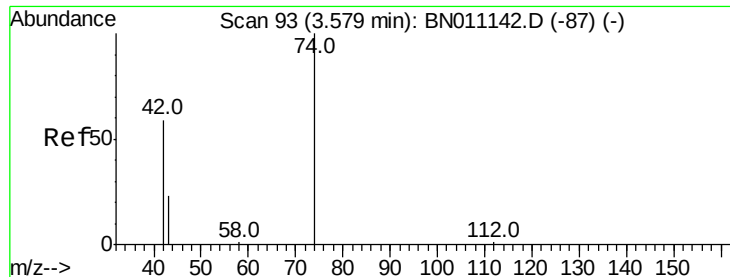
1,4-Dioxane
Concen: 0.415 ng
RT: 3.23 min Scan# 50
Delta R.T. 0.00 min
Lab File: BN011150.D
Acq: 13 Jul 2020 10:36

Tgt Ion: 88 Resp: 1086
Ion Ratio Lower Upper
88 100
58 47.8 36.5 54.7
43 17.8 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



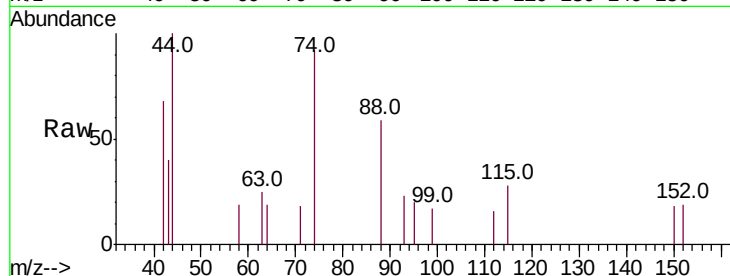


#3

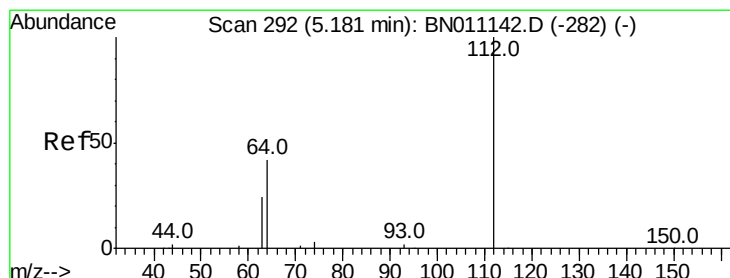
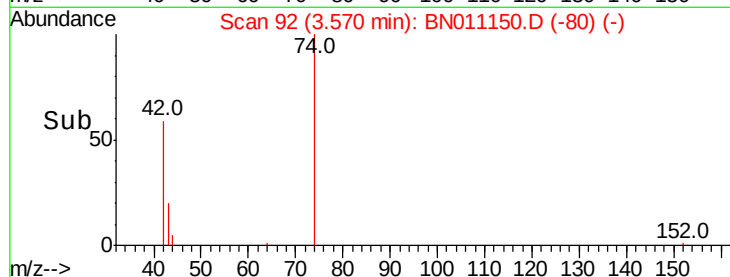
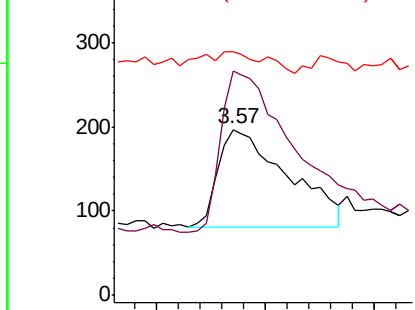
n-Nitrosodimethylamine
 Concen: 0.392 ng
 RT: 3.57 min Scan# 92
 Delta R.T. 0.00 min
 Lab File: BN011150.D
 Acq: 13 Jul 2020 10:36

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion: 42 Resp: 516
 Ion Ratio Lower Upper
 42 100
 74 169.0 140.9 211.3
 44 9.3 7.6 11.4



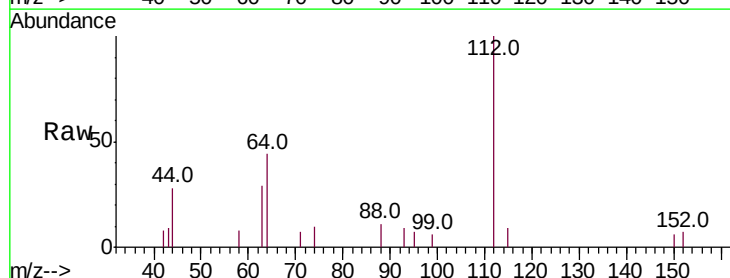
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



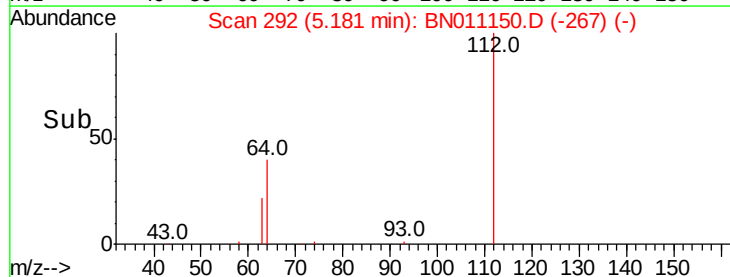
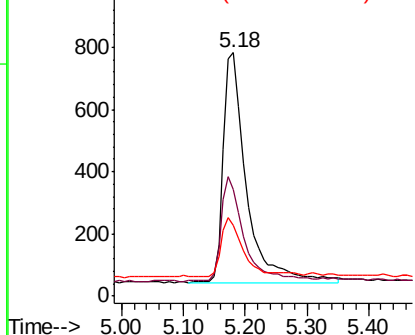
#4

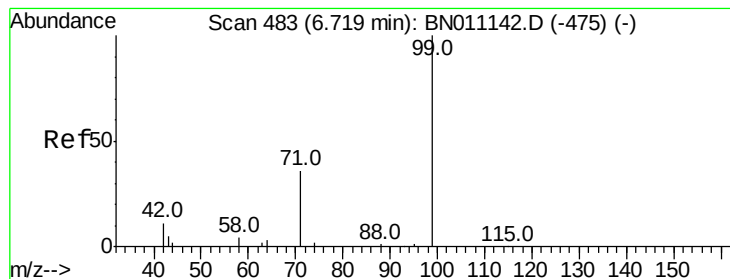
2-Fluorophenol
 Concen: 0.426 ng
 RT: 5.18 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: BN011150.D
 Acq: 13 Jul 2020 10:36

Tgt Ion: 112 Resp: 1920
 Ion Ratio Lower Upper
 112 100
 64 44.0 36.7 55.1
 63 25.1 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: 0.428 ng

RT: 6.72 min Scan# 483

Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

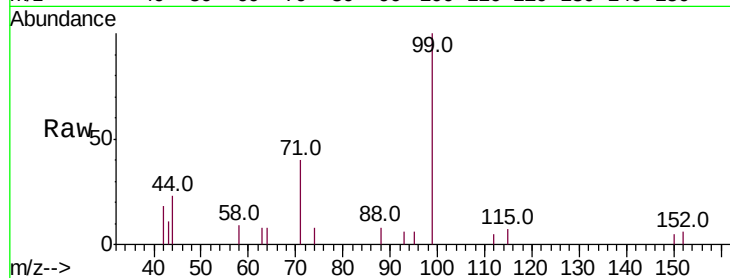
Tot Ion: 99 Resp: 2182

Ion Ratio Lower Upper

99 100

42 13.2 10.8 16.2

71 39.4 31.3 46.9

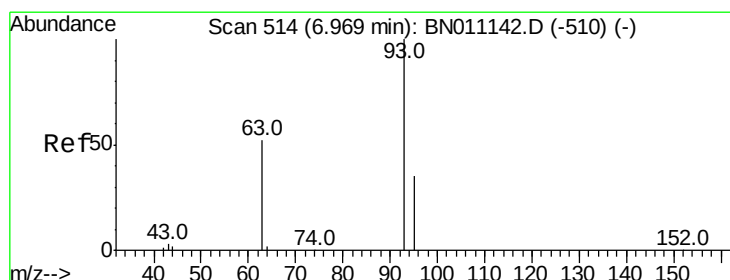
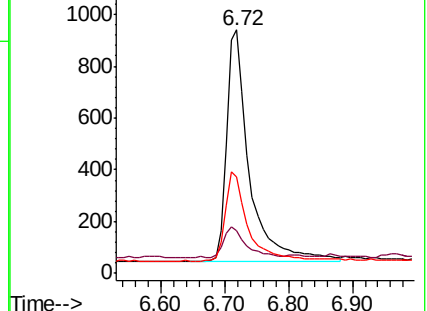
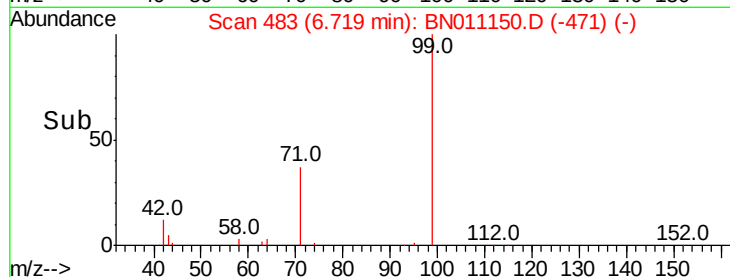


Abundance Ion 99.00 (98.70 to 99.70): BN011150.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011150.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011150.D (-475) (-)

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.390 ng

RT: 6.96 min Scan# 513

Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

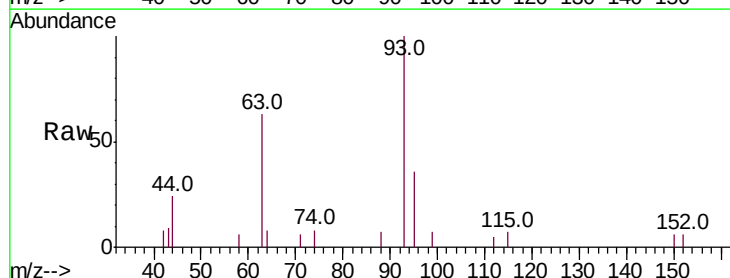
Tgt Ion: 93 Resp: 1821

Ion Ratio Lower Upper

93 100

63 59.0 47.4 71.0

95 33.5 28.1 42.1

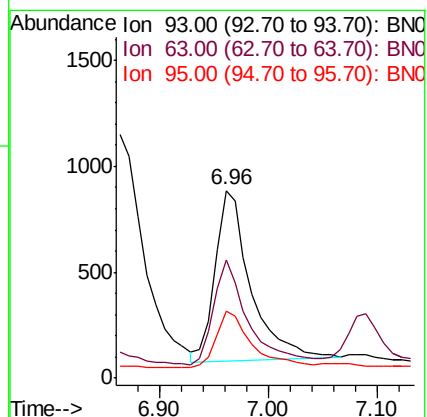
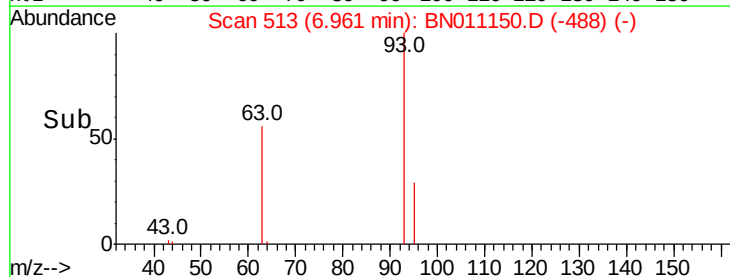


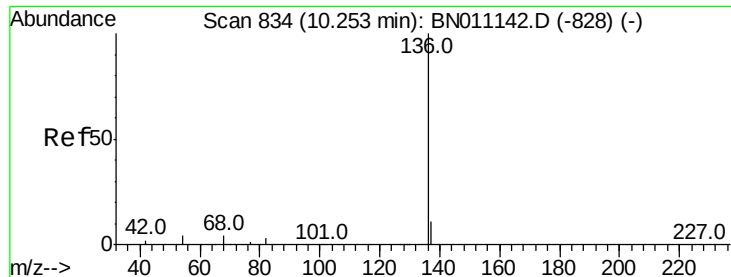
Abundance Ion 93.00 (92.70 to 93.70): BN011150.D (-488) (-)

Ion 63.00 (62.70 to 63.70): BN011150.D (-488) (-)

Ion 95.00 (94.70 to 95.70): BN011150.D (-488) (-)

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.25 min Scan# 834

Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 6393

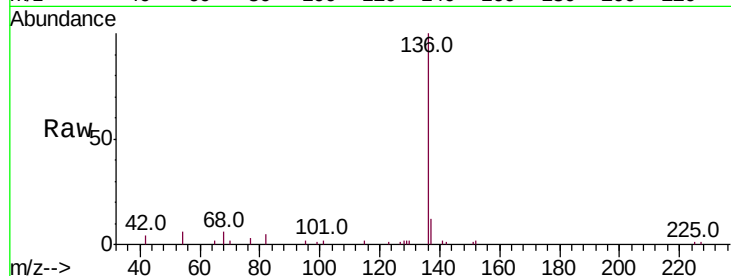
Ion Ratio Lower Upper

136 100

137 12.2 10.3 15.5

54 5.7 4.9 7.3

68 5.8 4.9 7.3

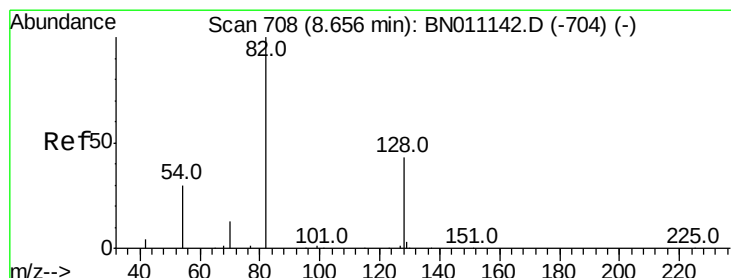
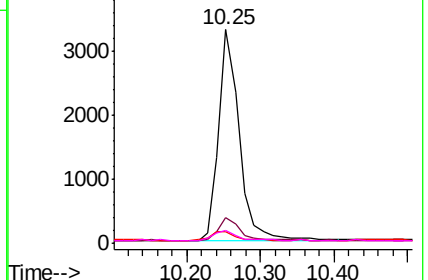
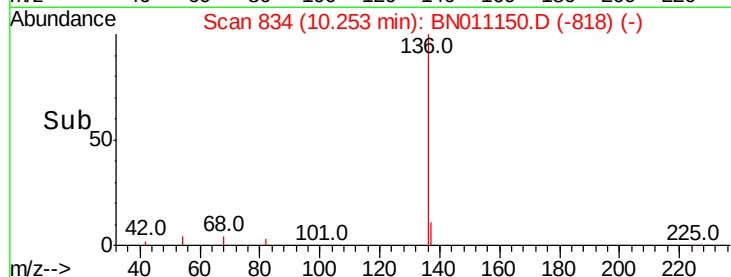


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.380 ng

RT: 8.66 min Scan# 708

Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

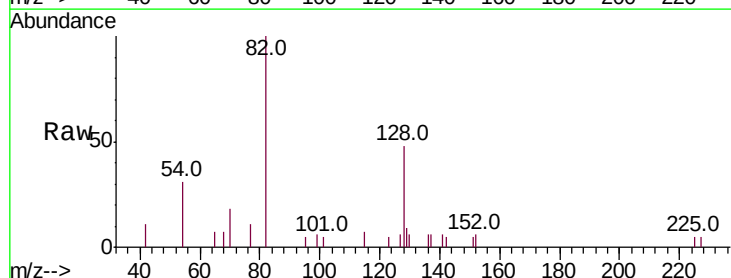
Tgt Ion: 82 Resp: 2151

Ion Ratio Lower Upper

82 100

128 48.1 38.1 57.1

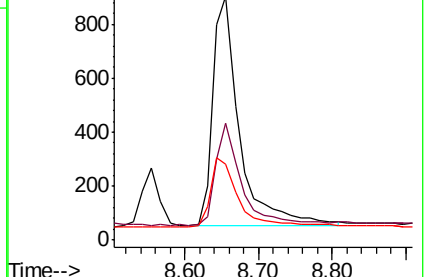
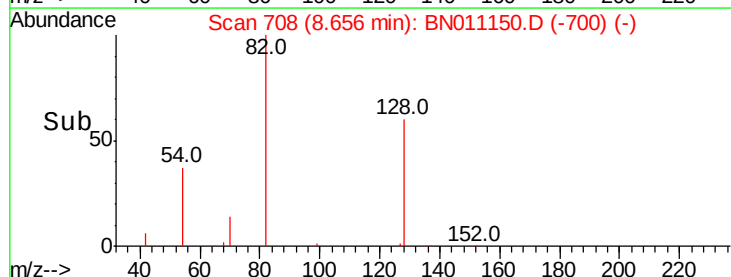
54 31.3 27.1 40.7

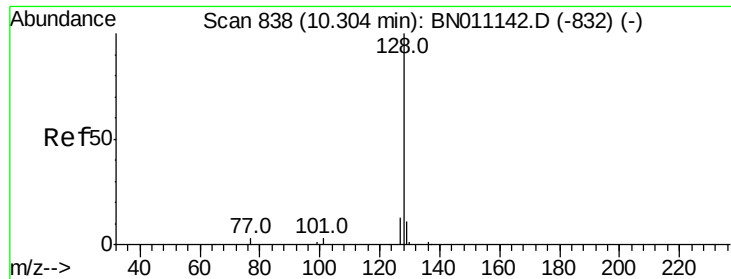


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.391 ng

RT: 10.30 min Scan# 838

Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

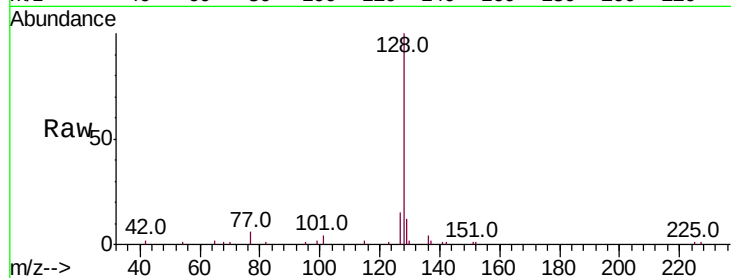
Tot Ion:128 Resp: 7441

Ion Ratio Lower Upper

128 100

129 11.8 9.8 14.6

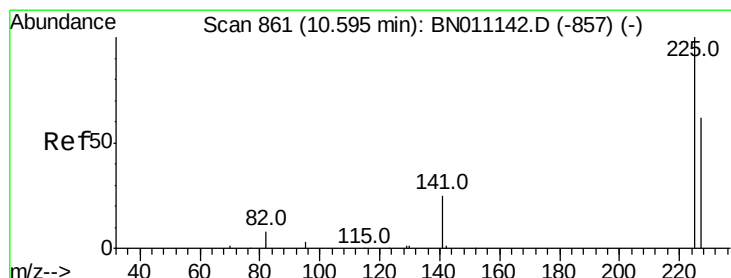
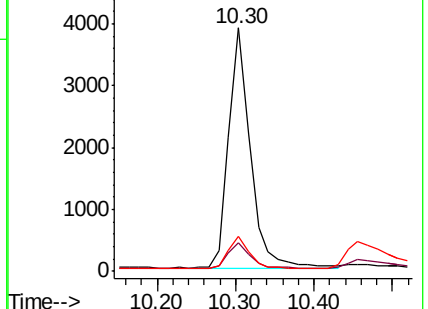
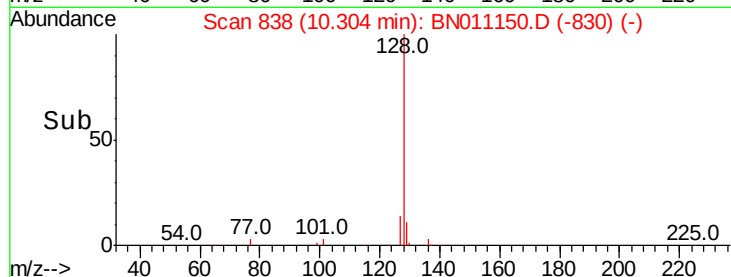
127 14.6 11.8 17.6



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: 0.374 ng

RT: 10.60 min Scan# 861

Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

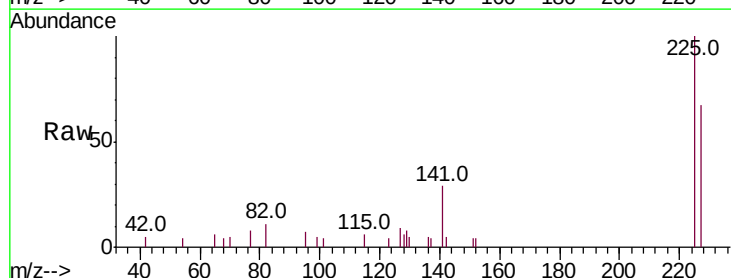
Tgt Ion:225 Resp: 1763

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

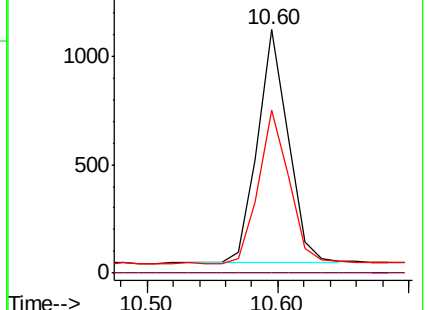
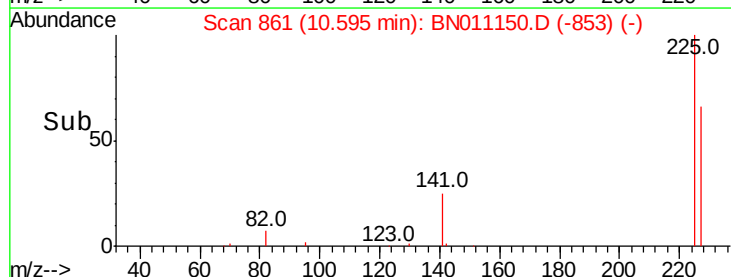
227 65.1 51.2 76.8

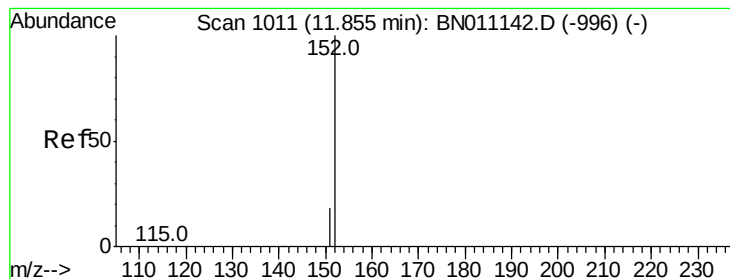


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.393 ng

RT: 11.85 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

Instrument :

BNA_N

ClientSampleId :

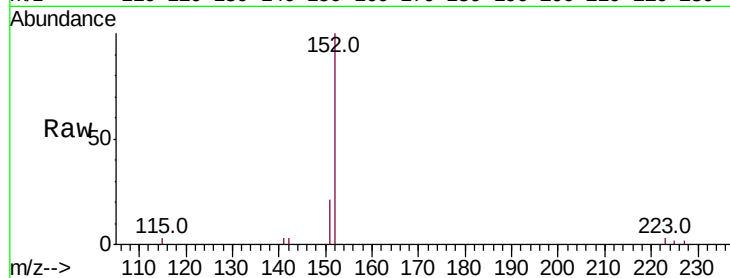
SSTDCCC0.4

Tot Ion:152 Resp: 4073

Ion Ratio Lower Upper

152 100

151 20.7 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

2000

1500

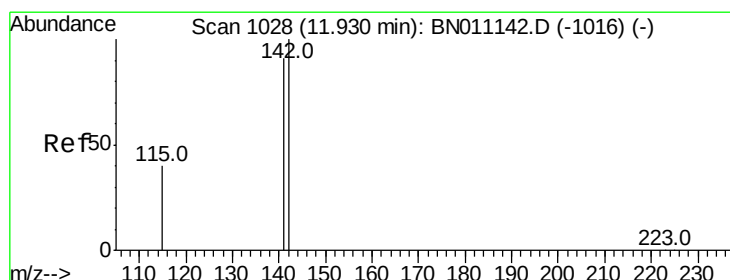
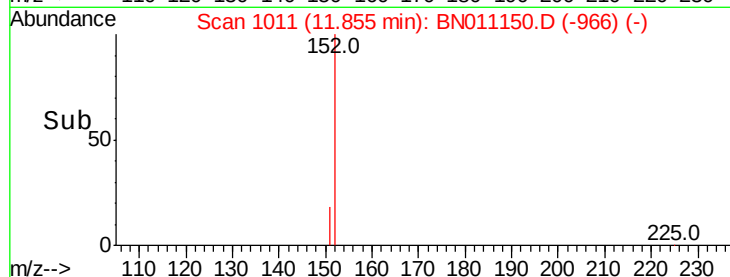
1000

500

0

11.85

Time-->



#12

2-Methylnaphthalene

Concen: 0.390 ng

RT: 11.93 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

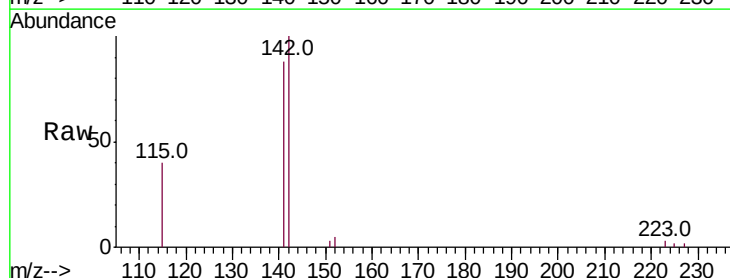
Tgt Ion:142 Resp: 4667

Ion Ratio Lower Upper

142 100

141 88.3 72.7 109.1

115 40.2 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

3000

2500

2000

1500

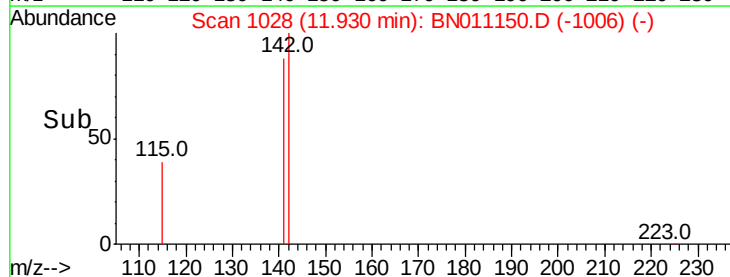
1000

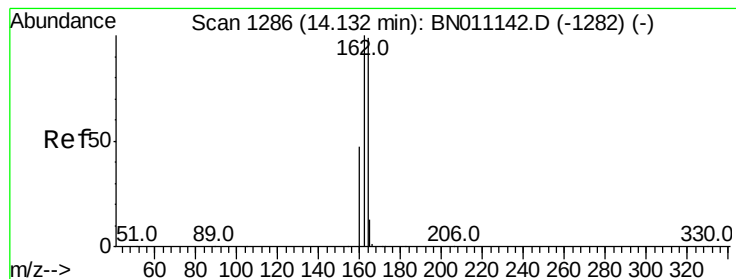
500

0

11.93

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.13 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

Instrument :

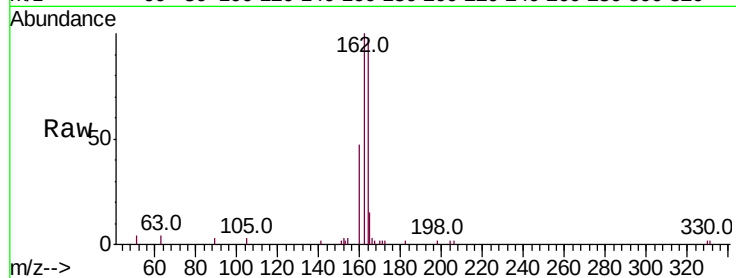
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:164 Resp: 3447

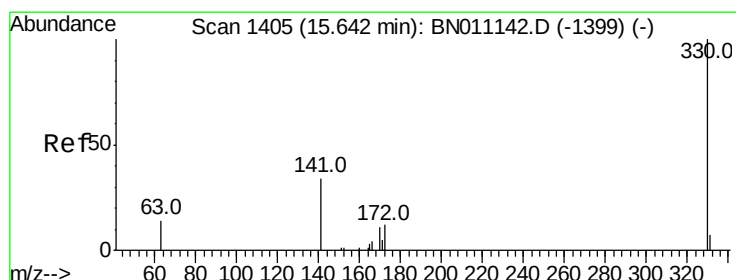
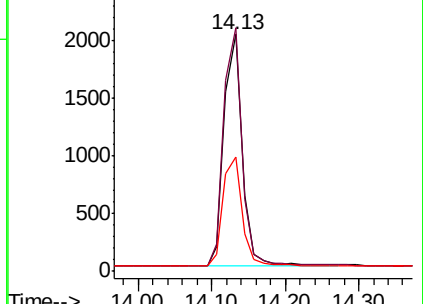
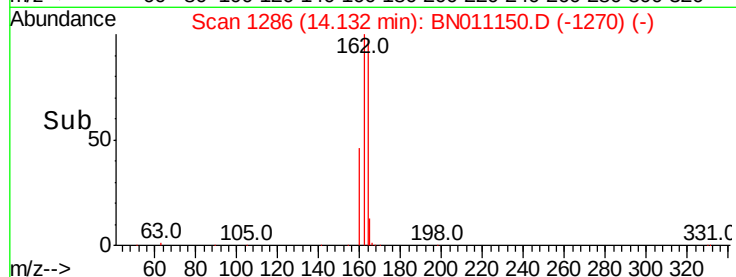
Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.0	121.4
160	48.4	39.0	58.6



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: 0.335 ng

RT: 15.64 min Scan# 1405

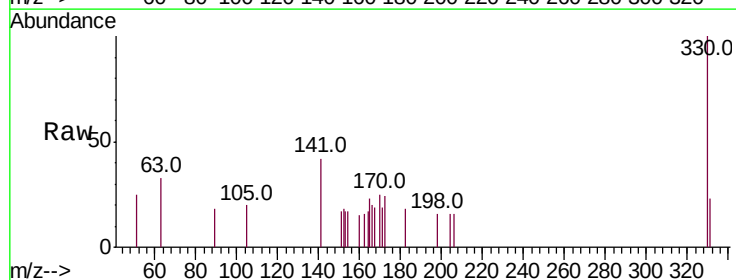
Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

Tgt Ion:330 Resp: 512

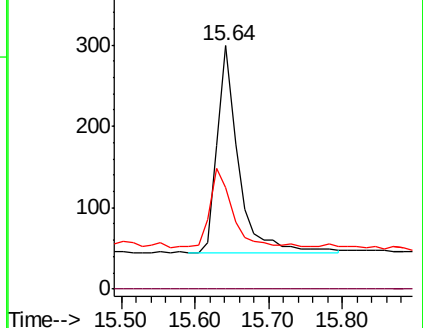
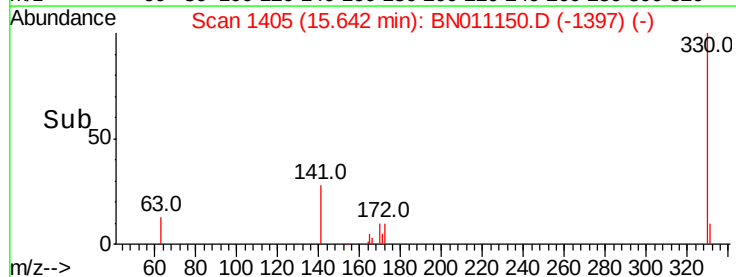
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.6	31.5	47.3

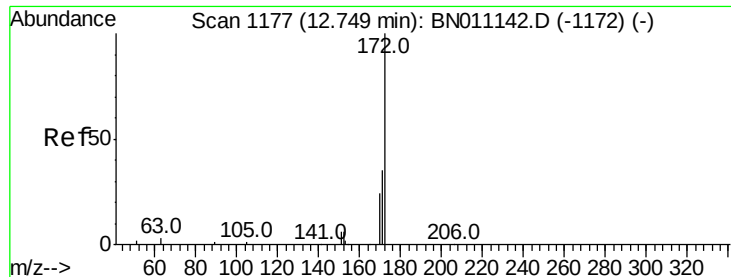


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.362 ng

RT: 12.75 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

Instrument :

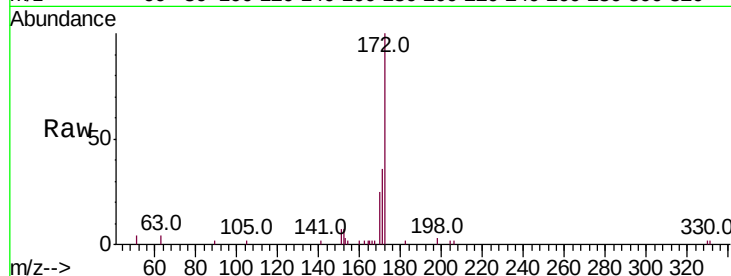
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:172 Resp: 5849

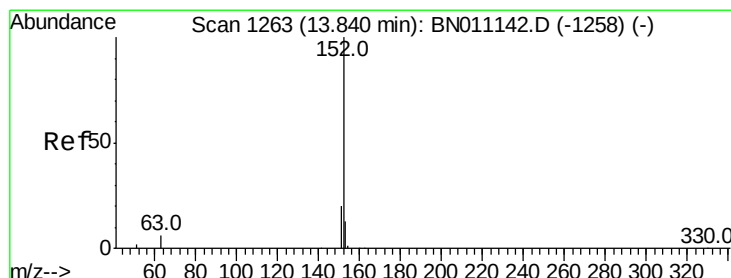
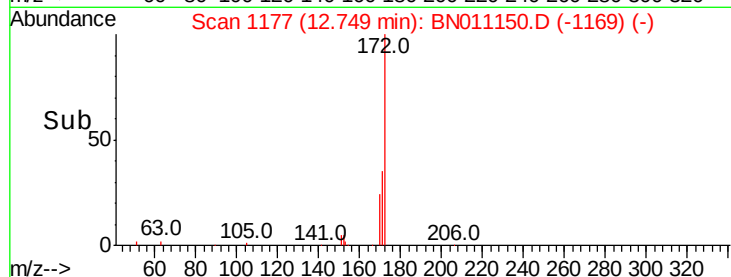
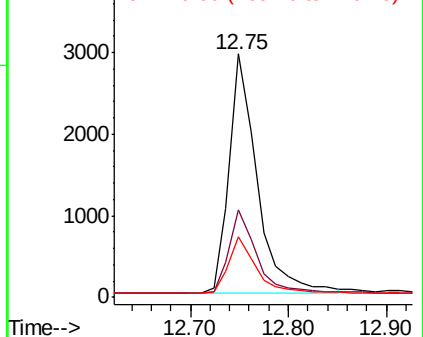
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.9	20.3	30.5



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: 0.351 ng

RT: 13.84 min Scan# 1263

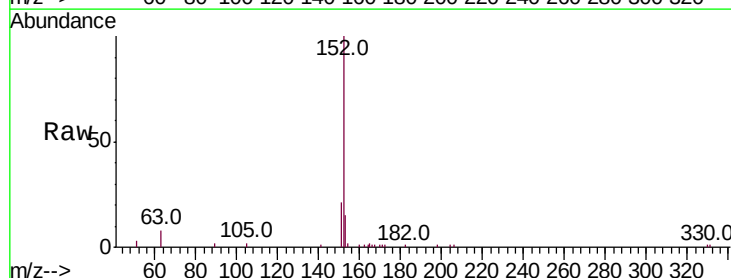
Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

Tgt Ion:152 Resp: 6164

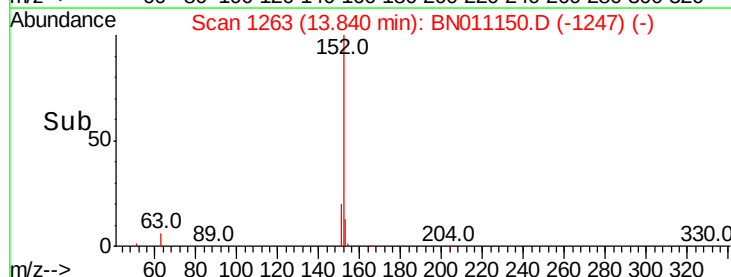
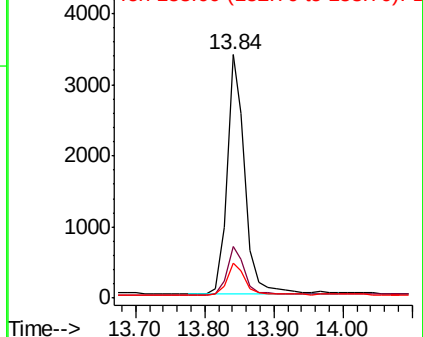
Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	13.0	10.6	15.8

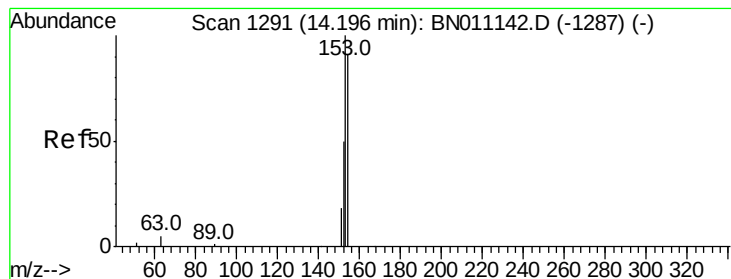


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.406 ng

RT: 14.20 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

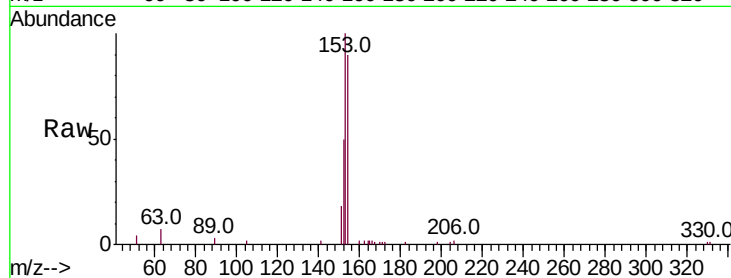
Tot Ion:154 Resp: 4749

Ion Ratio Lower Upper

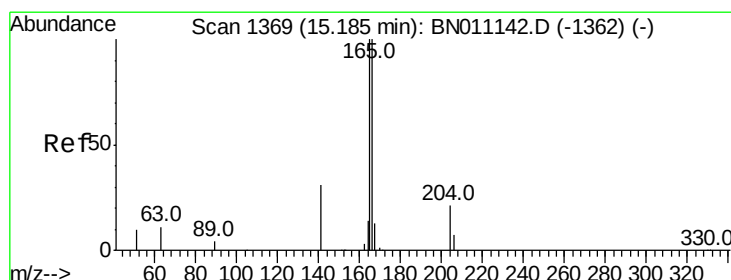
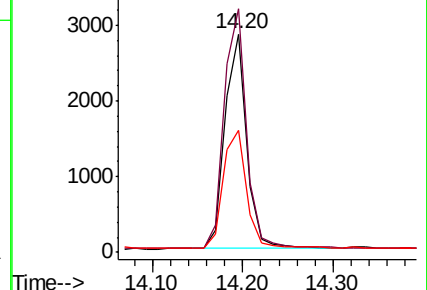
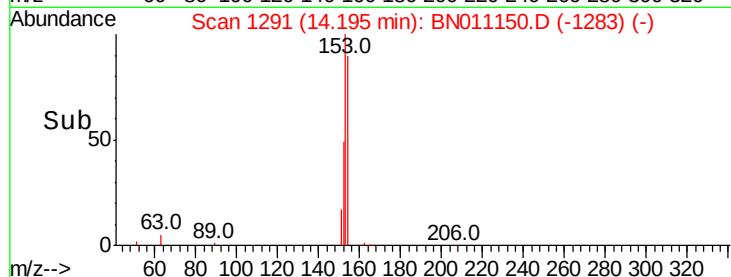
154 100

153 115.1 91.3 136.9

152 57.9 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: 0.367 ng

RT: 15.19 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

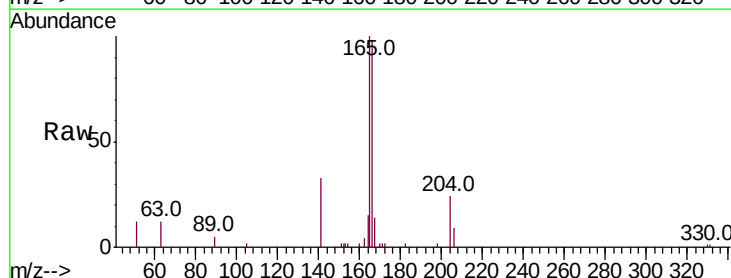
Tgt Ion:166 Resp: 5504

Ion Ratio Lower Upper

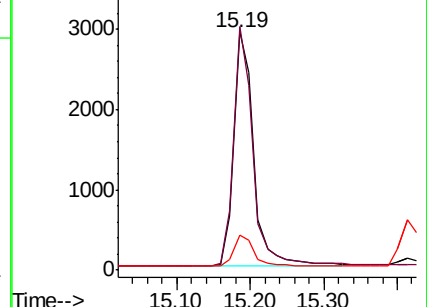
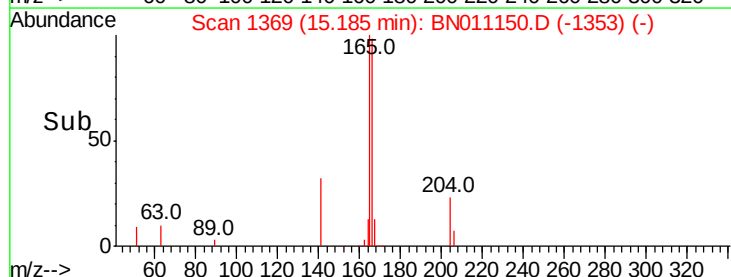
166 100

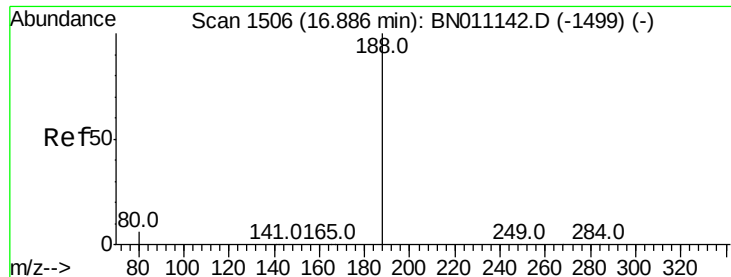
165 99.1 79.1 118.7

167 13.9 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

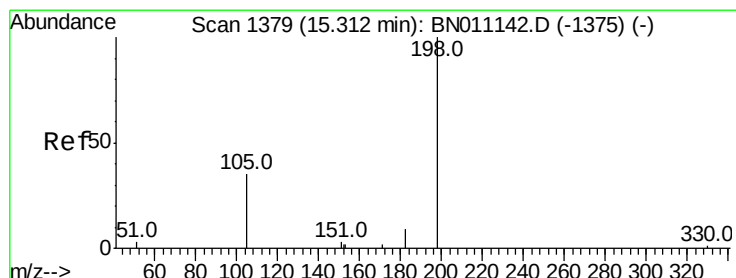
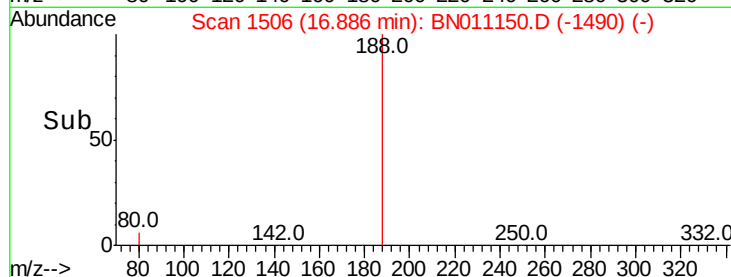
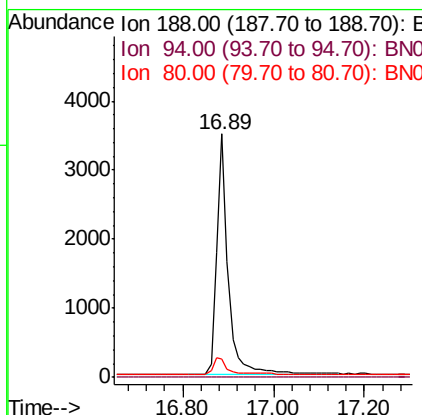
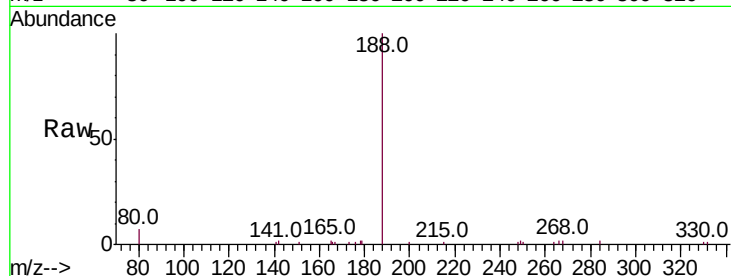




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.89 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BN011150.D
Acq: 13 Jul 2020 10:36

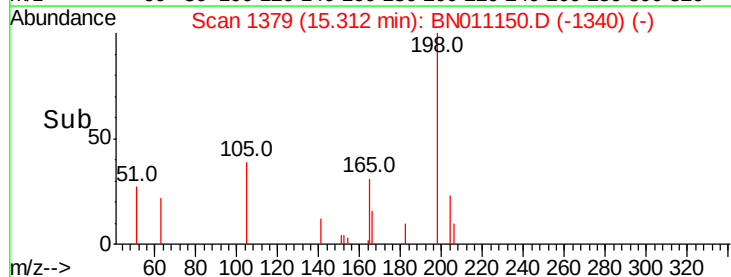
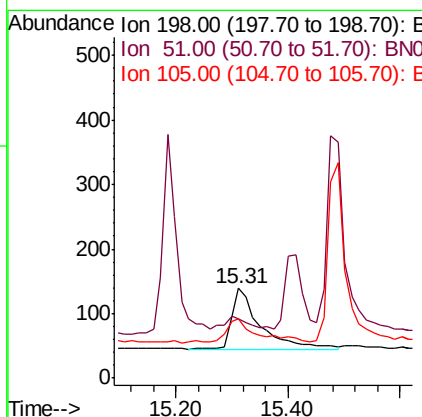
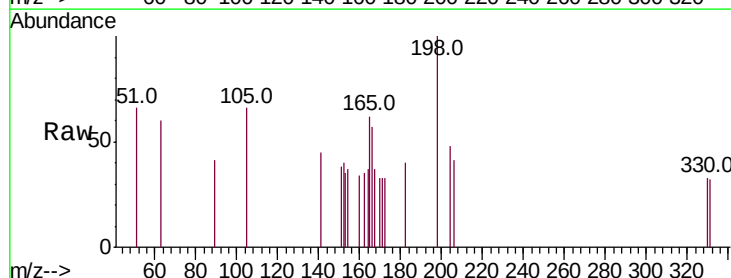
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

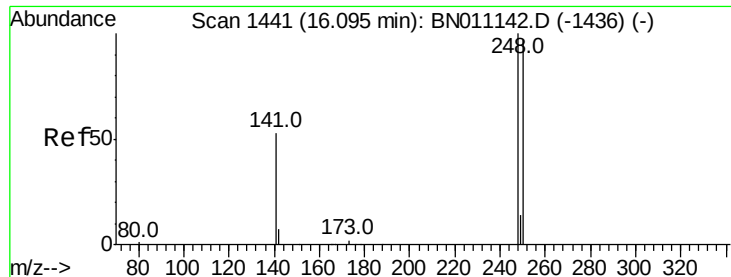
Tot Ion:188 Resp: 6188
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 6.3 9.5



#20
4,6-Dinitro-2-methylphenol
Concen: 0.422 ng
RT: 15.31 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BN011150.D
Acq: 13 Jul 2020 10:36

Tgt Ion:198 Resp: 334
Ion Ratio Lower Upper
198 100
51 66.2 53.1 79.7
105 66.2 51.9 77.9





#21

4-Bromophenyl-phenylether

Concen: 0.391 ng

RT: 16.10 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

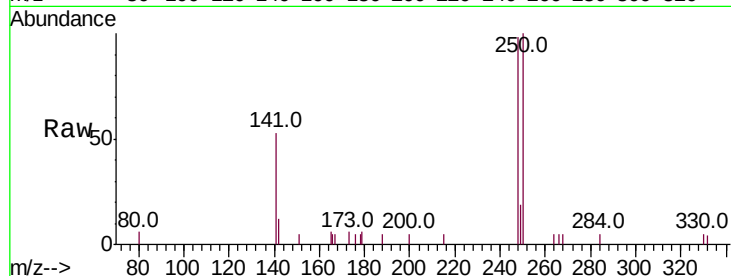
Tot Ion:248 Resp: 1644

Ion Ratio Lower Upper

248 100

250 102.4 78.4 117.6

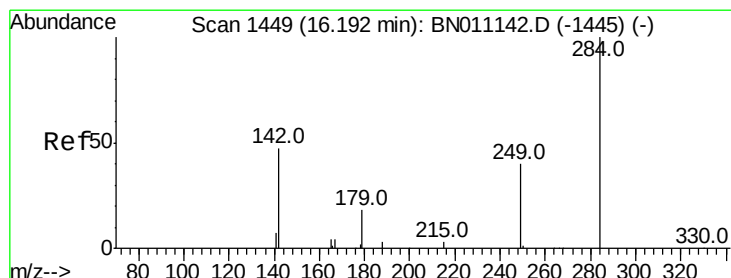
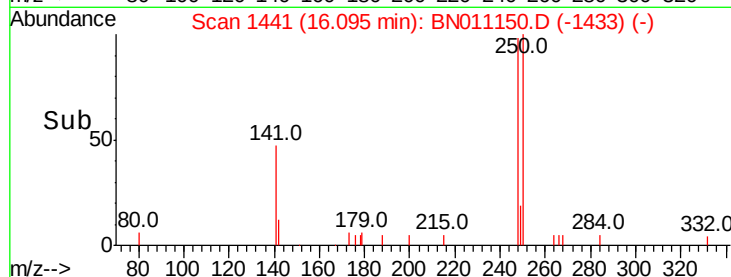
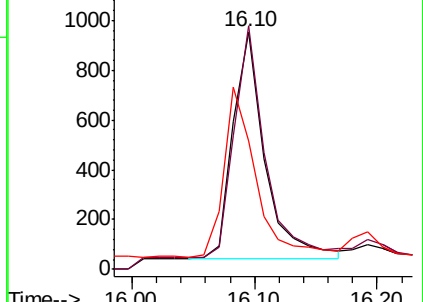
141 53.8 45.1 67.7



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: 0.406 ng

RT: 16.19 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

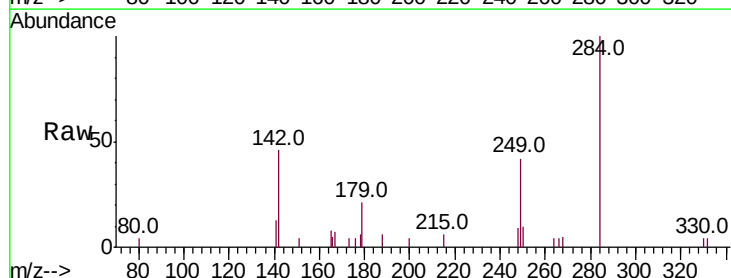
Tgt Ion:284 Resp: 1986

Ion Ratio Lower Upper

284 100

142 40.1 32.6 48.8

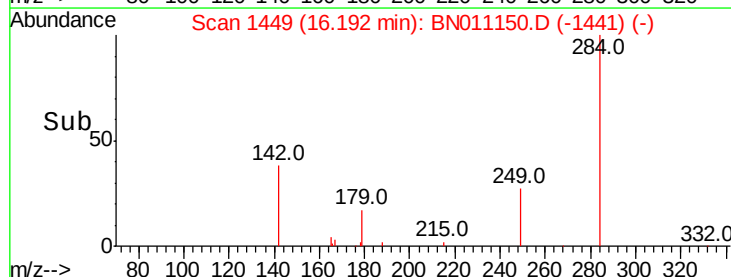
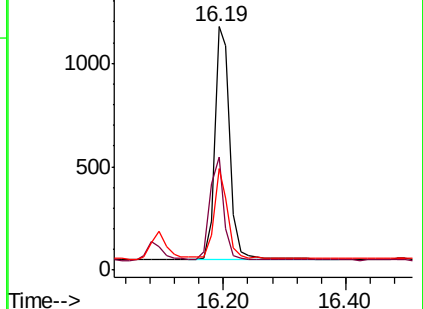
249 33.2 28.4 42.6

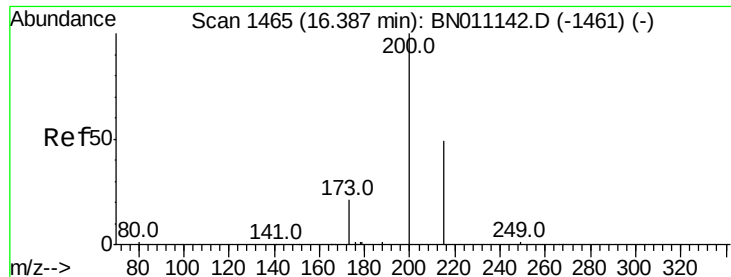


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

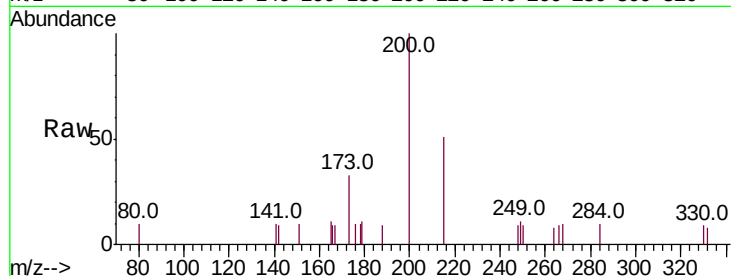




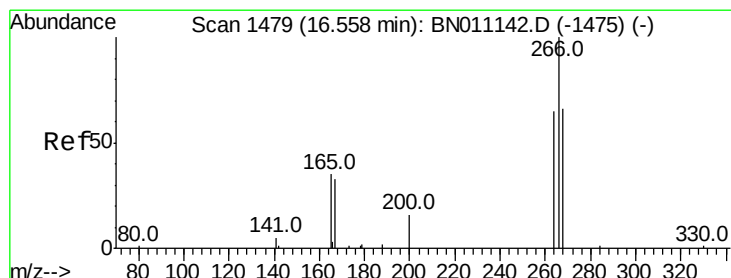
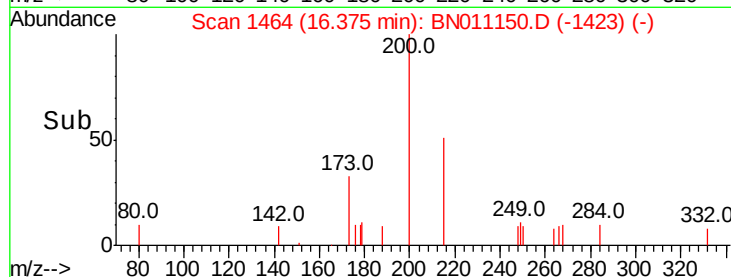
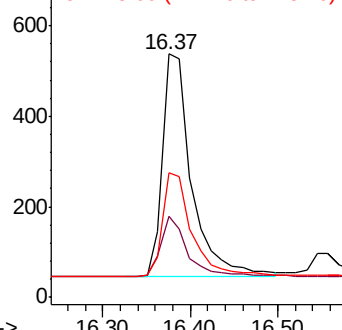
#23
Atrazine
Concen: 0.392 ng
RT: 16.37 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BN011150.D
Acq: 13 Jul 2020 10:36

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
200	100		
173	33.3	23.0	34.4
215	50.9	42.6	63.8

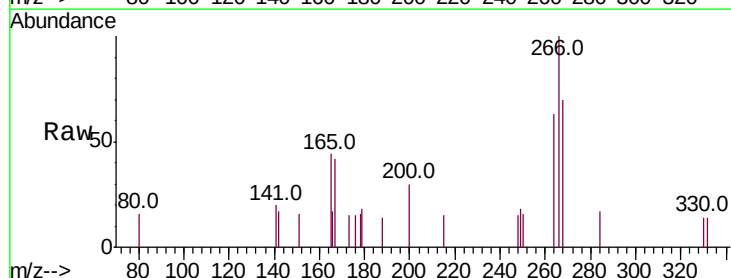


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

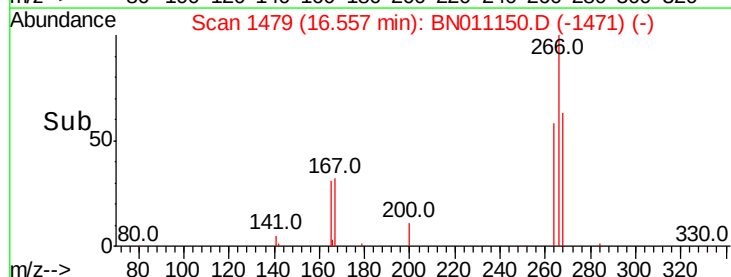
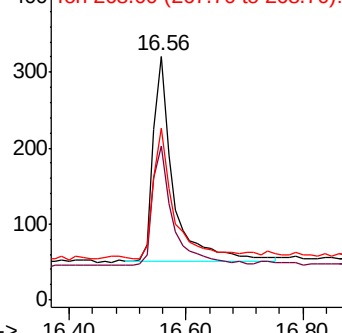


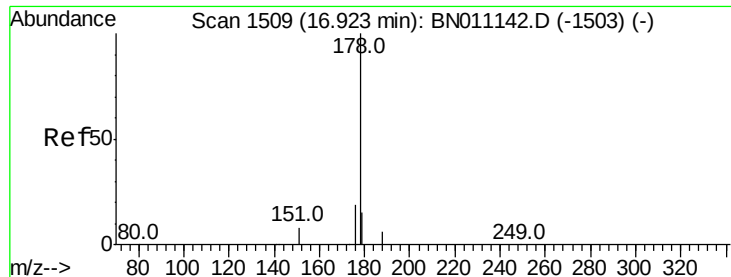
#24
Pentachlorophenol
Concen: 0.445 ng
RT: 16.56 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BN011150.D
Acq: 13 Jul 2020 10:36

Tgt Ion	Ratio	Lower	Upper
266	100		
264	59.7	52.5	78.7
268	62.3	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: 0.404 ng

RT: 16.92 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

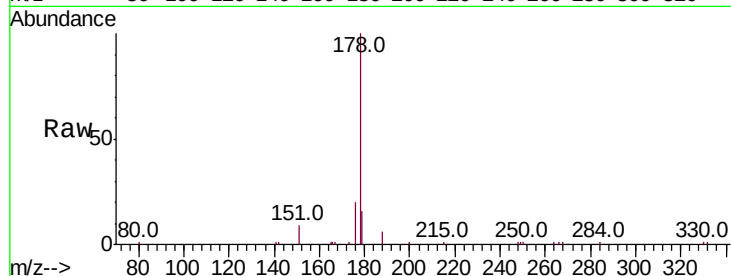
Tot Ion:178 Resp: 8038

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

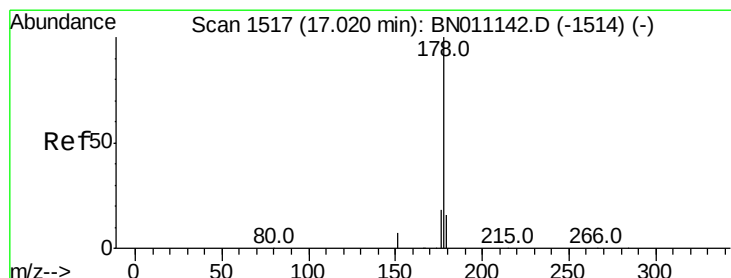
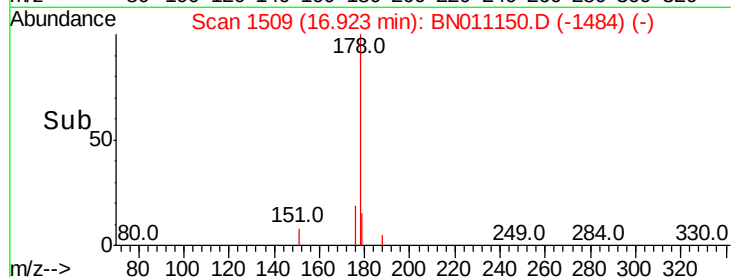
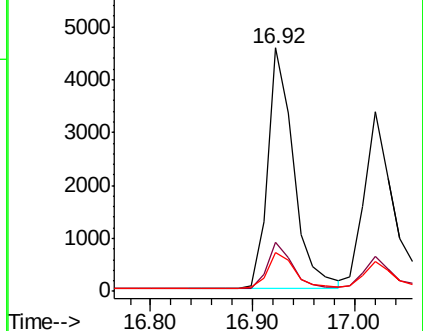
179 15.6 12.6 18.8



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: 0.396 ng

RT: 17.02 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

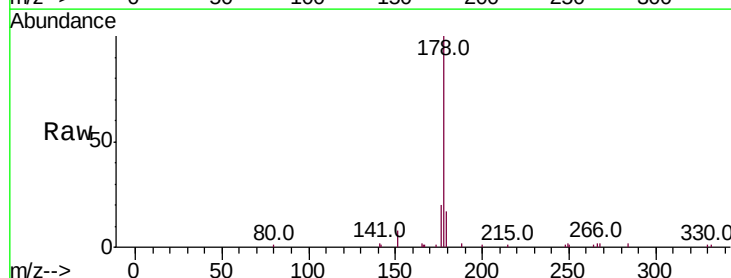
Tgt Ion:178 Resp: 6545

Ion Ratio Lower Upper

178 100

176 18.5 14.5 21.7

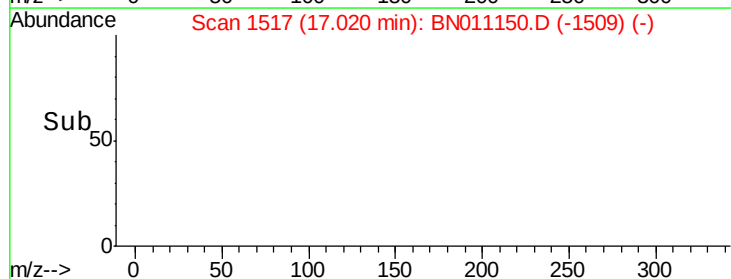
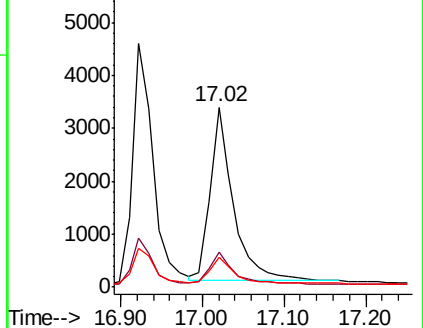
179 15.1 12.0 18.0

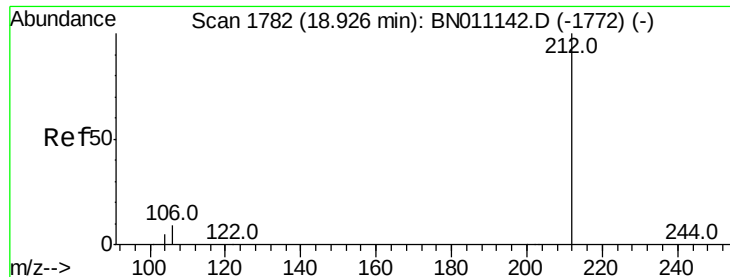


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

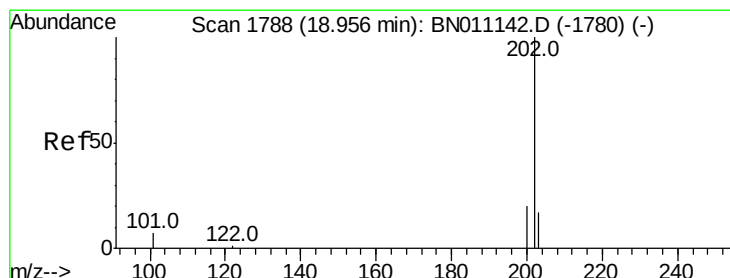
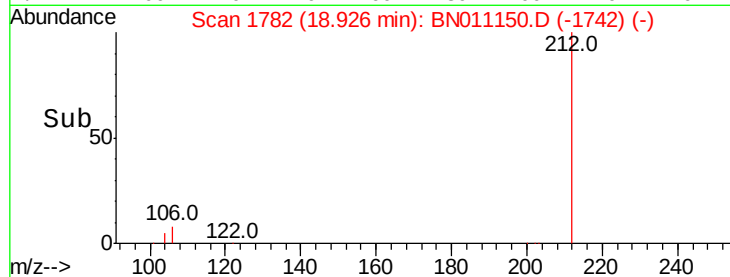
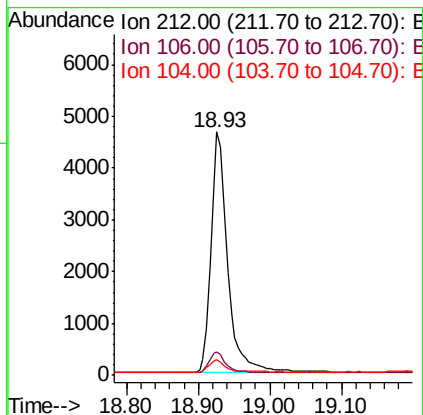
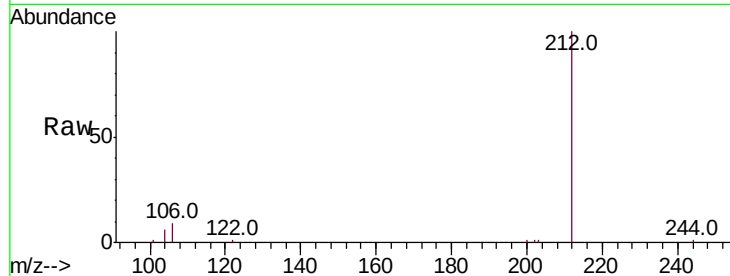




#27
 Fluoranthene-d10
 Concen: 0.390 ng
 RT: 18.93 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BN011150.D
 Acq: 13 Jul 2020 10:36

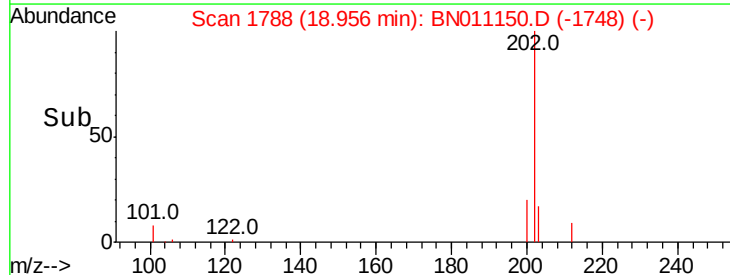
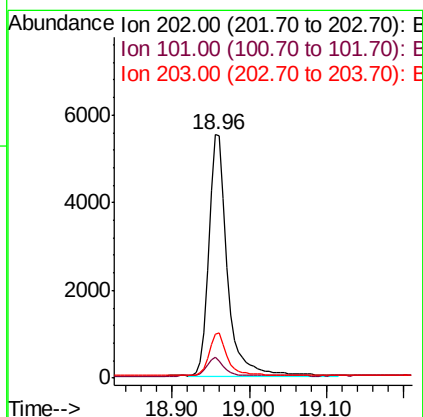
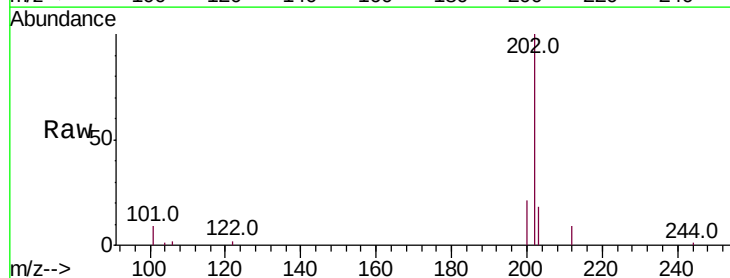
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

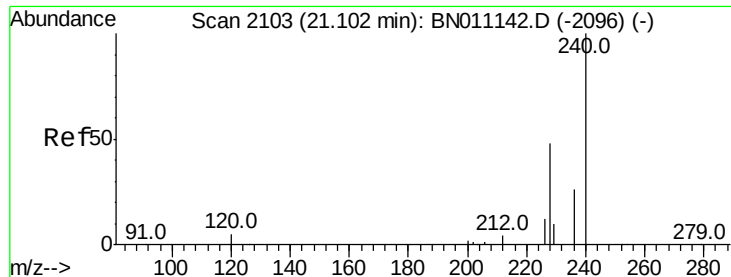
Tot Ion:212 Resp: 7606
 Ion Ratio Lower Upper
 212 100
 106 8.6 7.0 10.6
 104 5.3 4.2 6.4



#28
 Fluoranthene
 Concen: 0.382 ng
 RT: 18.96 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BN011150.D
 Acq: 13 Jul 2020 10:36

Tgt Ion:202 Resp: 9115
 Ion Ratio Lower Upper
 202 100
 101 7.7 5.9 8.9
 203 16.9 13.6 20.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.10 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

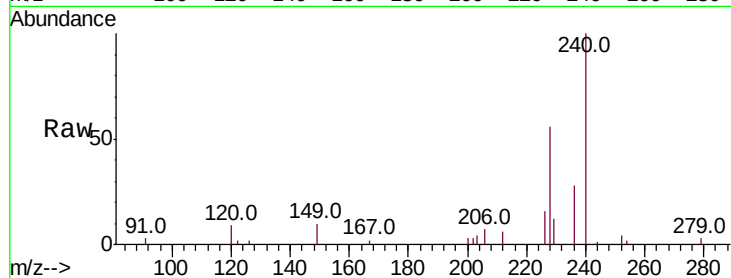
Tot Ion:240 Resp: 5786

Ion Ratio Lower Upper

240 100

120 9.2 6.5 9.7

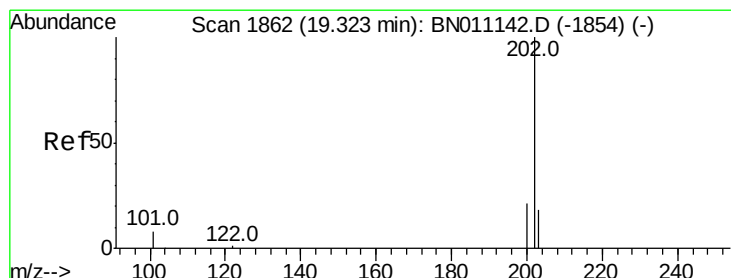
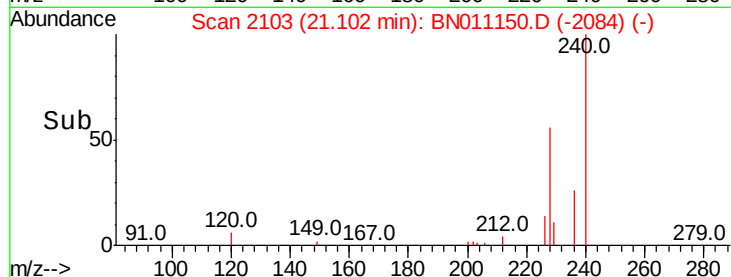
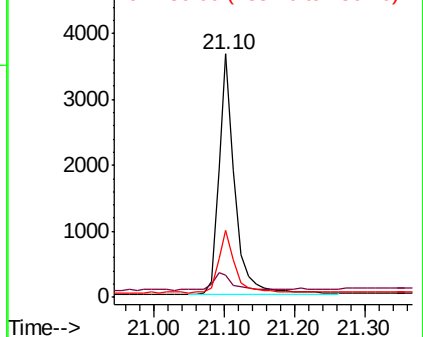
236 27.5 21.9 32.9



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: 0.417 ng

RT: 19.32 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

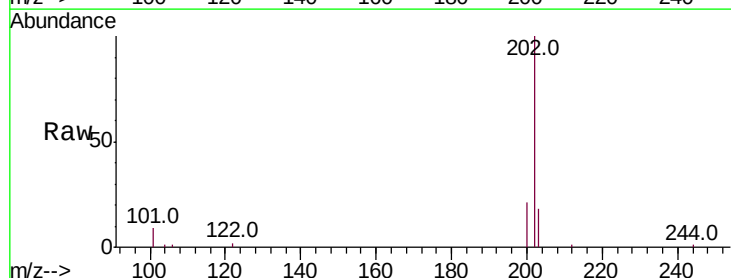
Tgt Ion:202 Resp: 9209

Ion Ratio Lower Upper

202 100

200 20.6 16.5 24.7

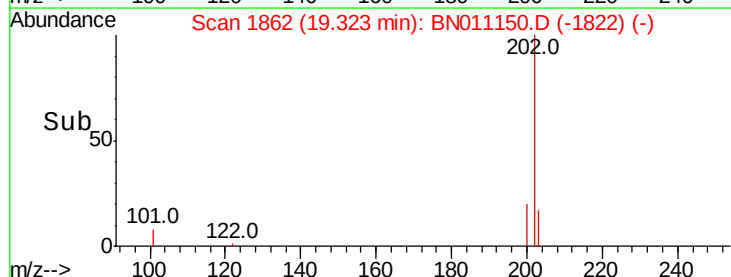
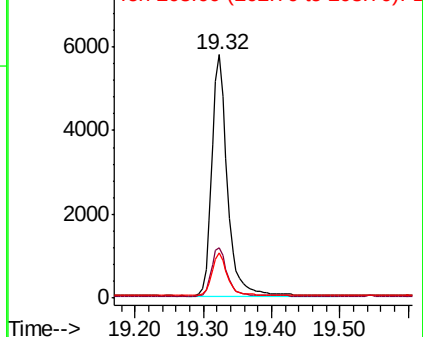
203 17.4 14.2 21.4

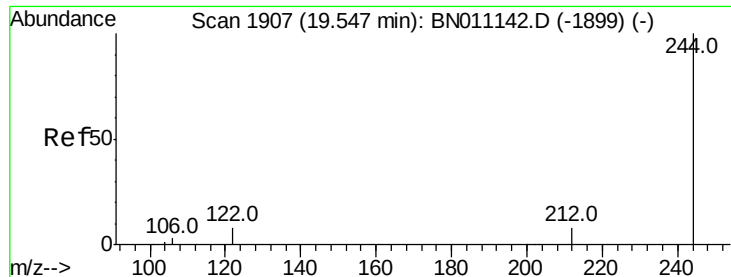


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.427 ng

RT: 19.55 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

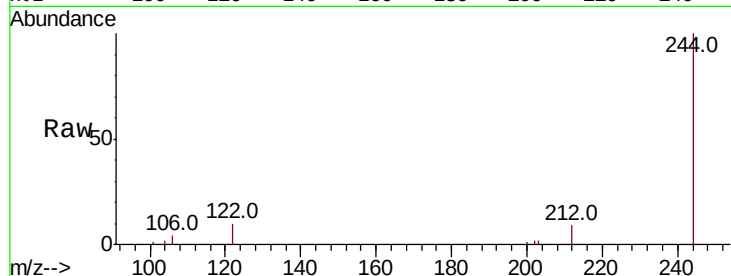
Tot Ion:244 Resp: 6427

Ion Ratio Lower Upper

244 100

212 9.0 7.8 11.6

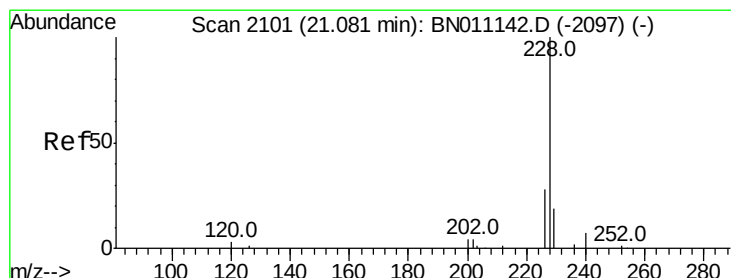
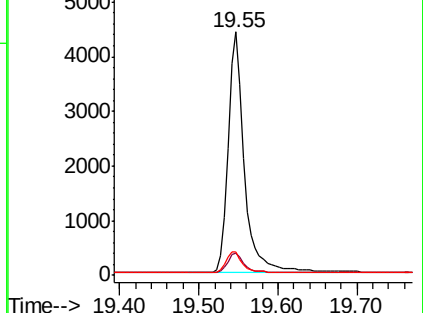
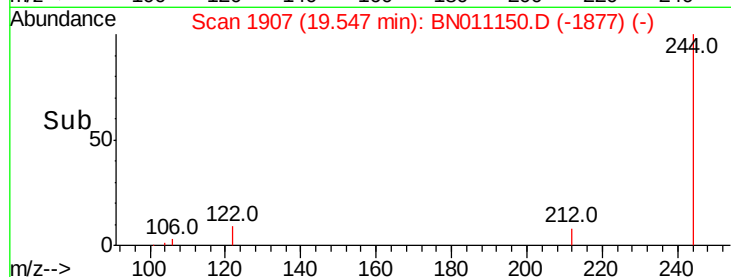
122 9.5 7.4 11.0



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: 0.407 ng

RT: 21.09 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

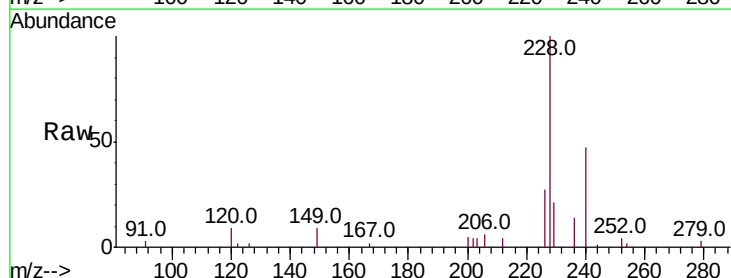
Tgt Ion:228 Resp: 7621

Ion Ratio Lower Upper

228 100

226 27.1 23.2 34.8

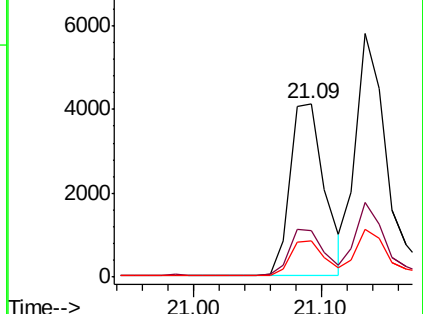
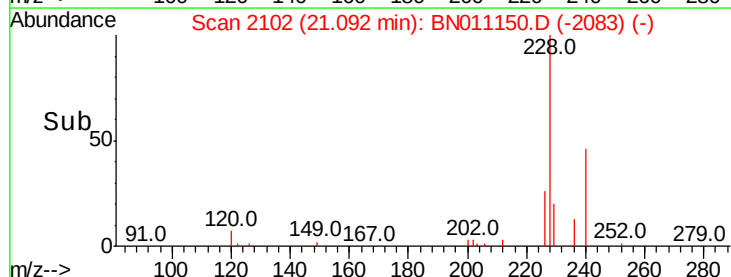
229 21.2 16.2 24.4

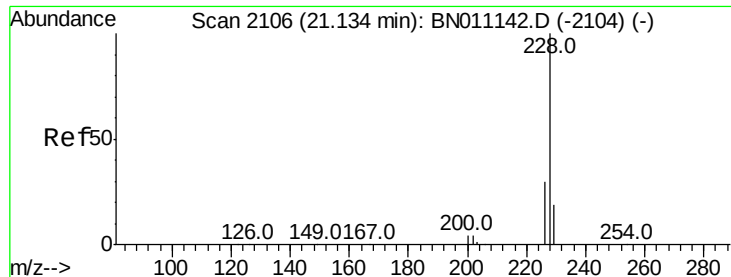


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.415 ng

RT: 21.13 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

Instrument :

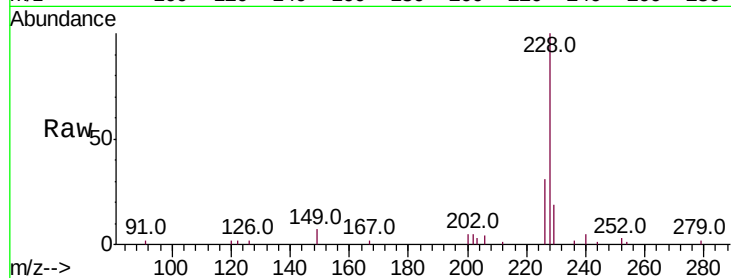
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 9519

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	19.5	16.2	24.4

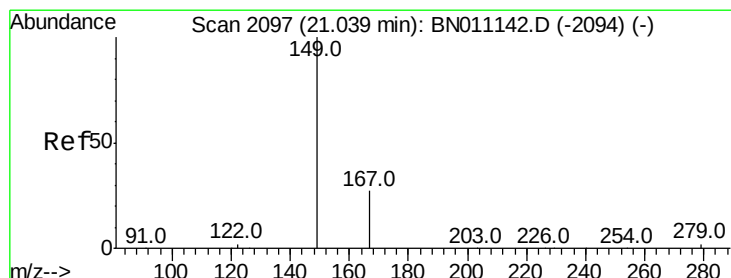
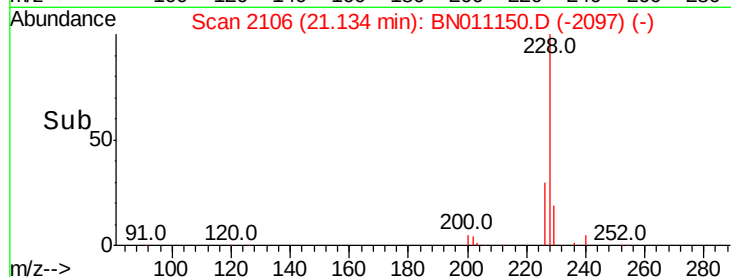
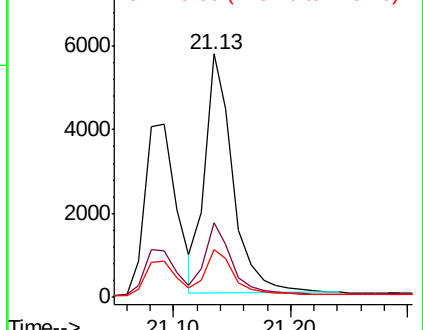


Abundance

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: 0.439 ng

RT: 21.04 min Scan# 2097

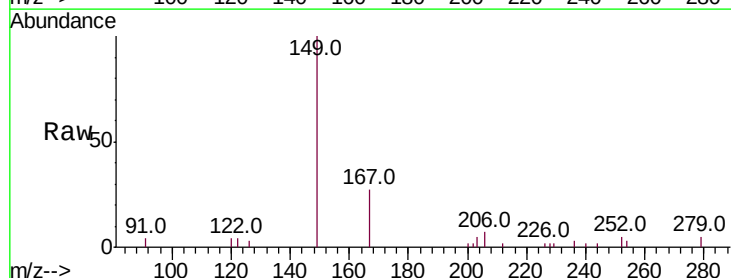
Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

Tgt Ion:149 Resp: 3393

Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.4	35.0
279	5.4	4.5	6.7

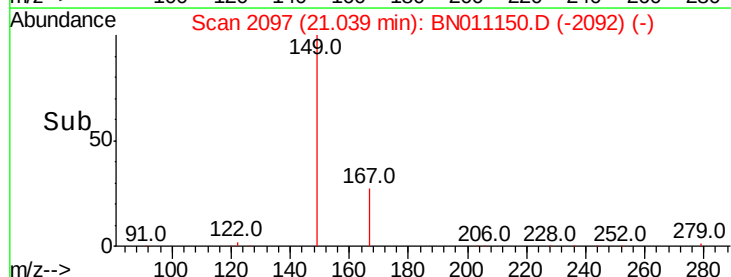
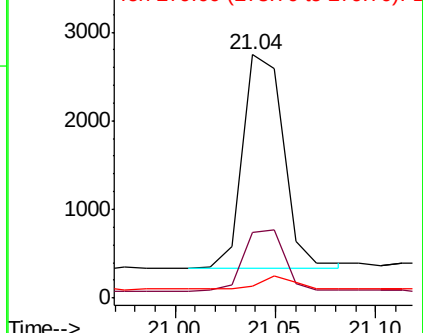


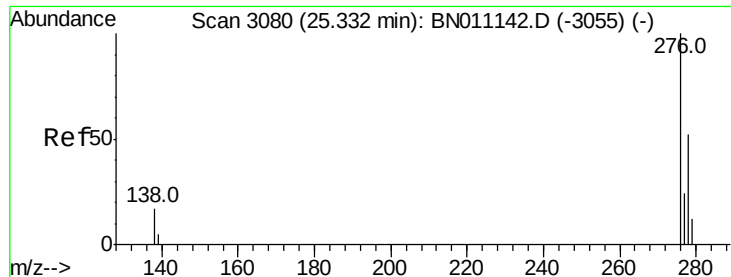
Abundance

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: 0.474 ng

RT: 25.34 min Scan# 3082

Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

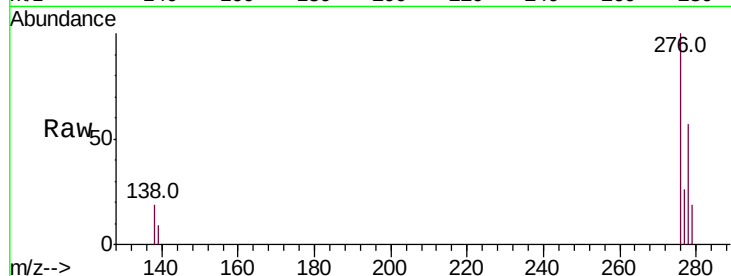
Tot Ion:276 Resp: 11098

Ion Ratio Lower Upper

276 100

138 17.2 13.0 19.6

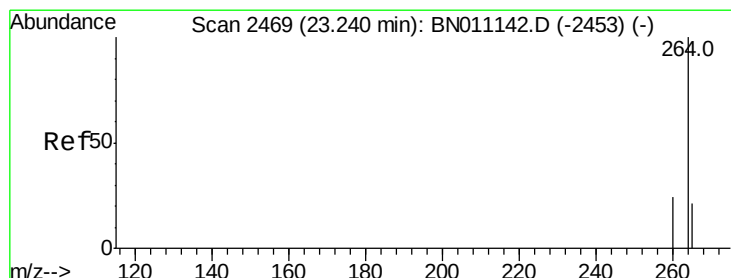
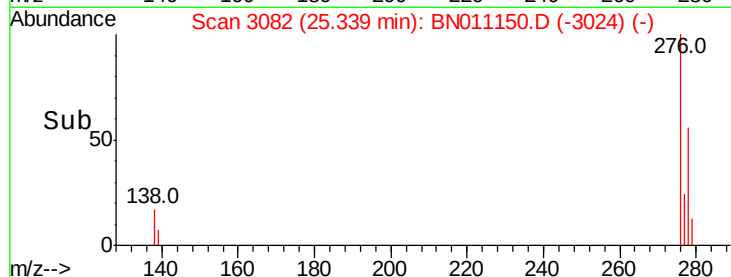
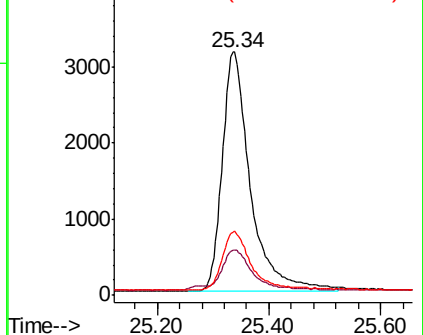
277 23.8 19.7 29.5



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# 2470

Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

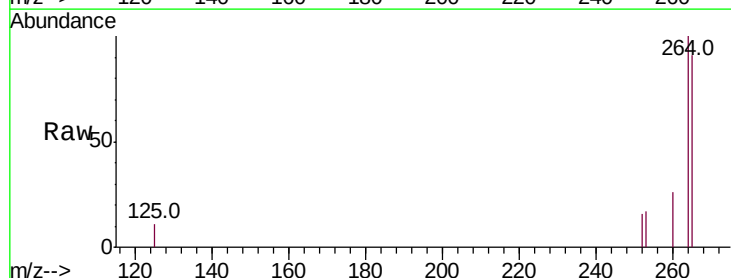
Tgt Ion:264 Resp: 5742

Ion Ratio Lower Upper

264 100

260 25.6 20.1 30.1

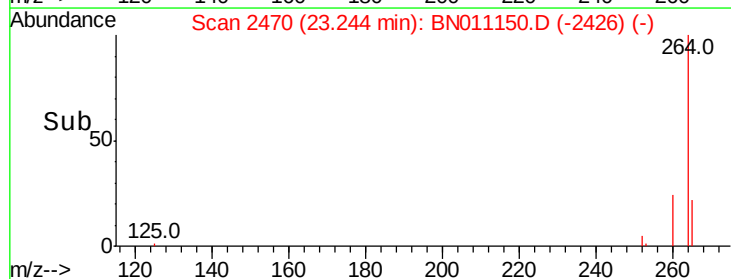
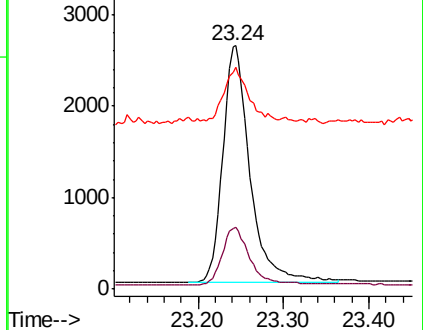
265 90.9 76.6 115.0

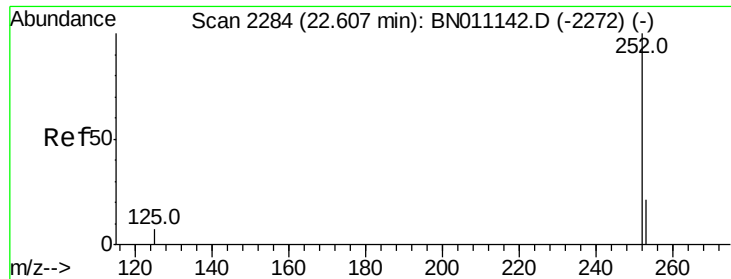


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#37

Benzo(b)fluoranthene

Concen: 0.368 ng

RT: 22.61 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

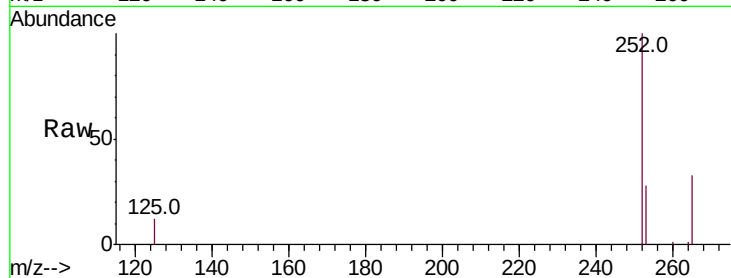
Tot Ion:252 Resp: 8496

Ion Ratio Lower Upper

252 100

253 27.9 22.6 34.0

125 11.9 9.6 14.4

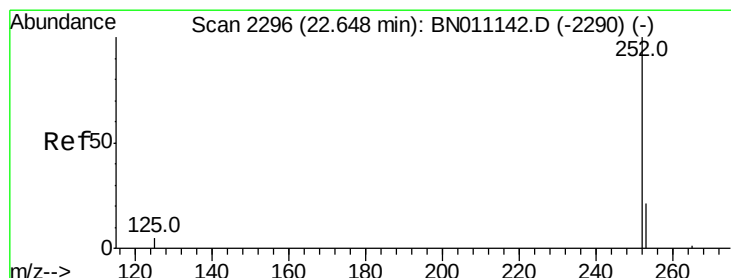
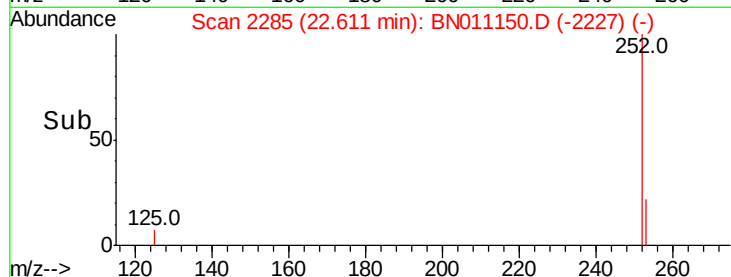
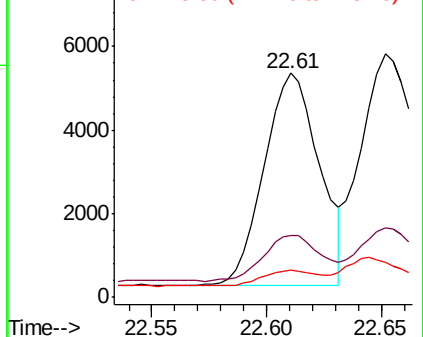


Abundance

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: 0.412 ng

RT: 22.65 min Scan# 2297

Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

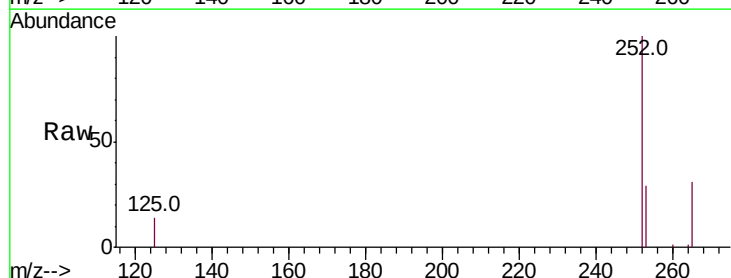
Tgt Ion:252 Resp: 10741

Ion Ratio Lower Upper

252 100

253 28.7 22.2 33.4

125 14.5 11.0 16.4

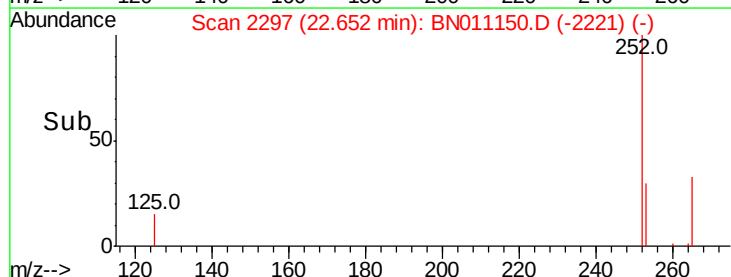
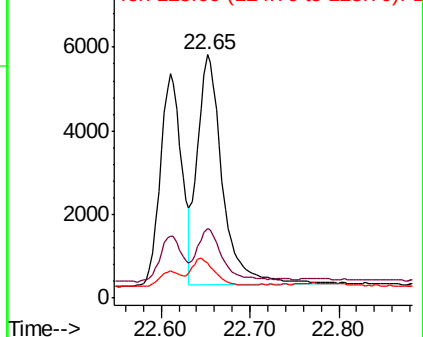


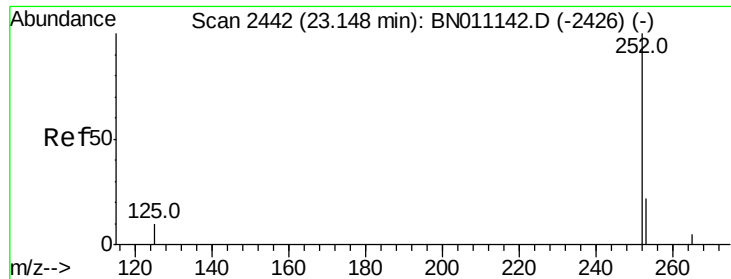
Abundance

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: 0.388 ng

RT: 23.15 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

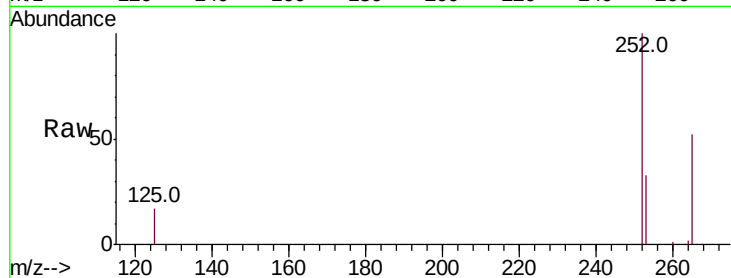
Tot Ion:252 Resp: 8056

Ion Ratio Lower Upper

252 100

253 32.7 25.8 38.6

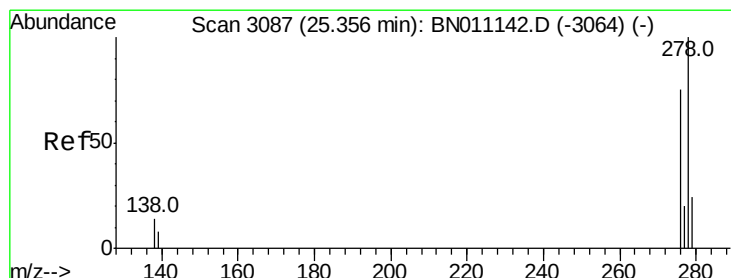
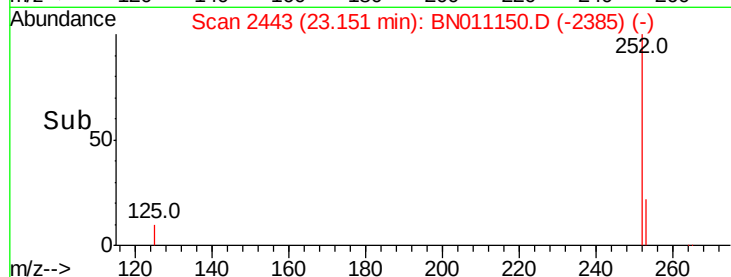
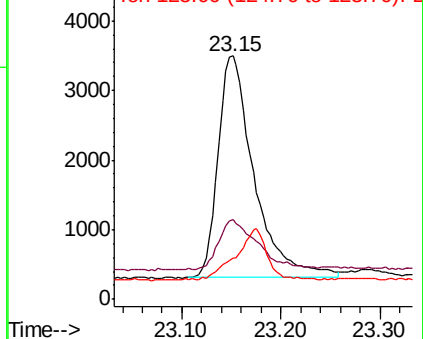
125 16.9 13.4 20.0



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: 0.384 ng

RT: 25.35 min Scan# 3086

Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

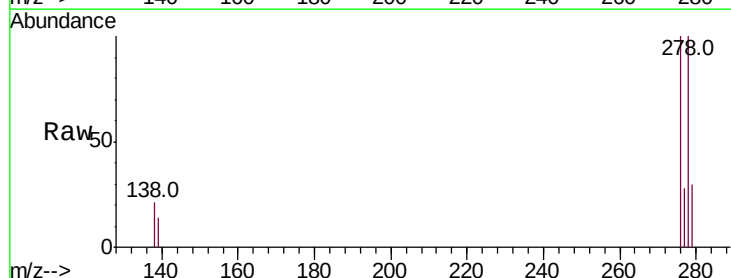
Tgt Ion:278 Resp: 8450

Ion Ratio Lower Upper

278 100

139 13.5 11.7 17.5

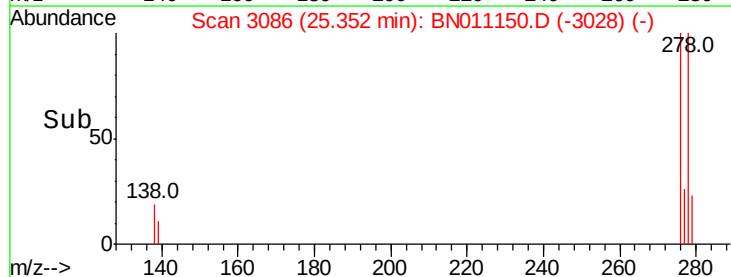
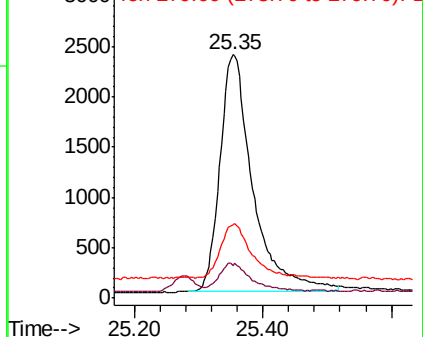
279 30.3 25.0 37.6

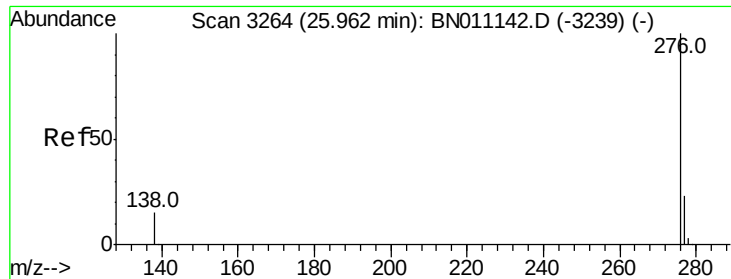


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.367 ng

RT: 25.97 min Scan# 3266

Delta R.T. 0.00 min

Lab File: BN011150.D

Acq: 13 Jul 2020 10:36

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

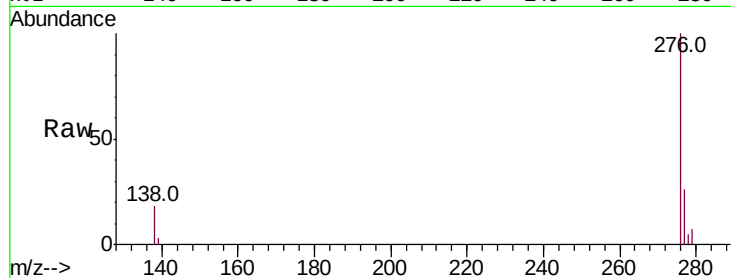
Tot Ion:276 Resp: 8869

Ion Ratio Lower Upper

276 100

277 26.3 20.5 30.7

138 17.8 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

