

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072220\
 Data File : BN011218.D
 Acq On : 21 Jul 2020 13:55
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4

Quant Time: Jul 21 17:40:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 21 14:35:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	1435	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	5288	0.40	ng	0.00
13) Acenaphthene-d10	14.12	164	3259	0.40	ng	0.00
19) Phenanthrene-d10	16.87	188	7523	0.40	ng	0.00
29) Chrysene-d12	21.10	240	5804	0.40	ng	0.00
36) Perylene-d12	23.23	264	5027	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.15	112	1350	0.38	ng	0.00
5) Phenol-d6	6.69	99	1696	0.42	ng	0.00
8) Nitrobenzene-d5	8.63	82	1737	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.84	152	3561	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.63	330	553	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.73	172	5338	0.35	ng	0.00
27) Fluoranthene-d10	18.92	212	8664	0.37	ng	0.00
31) Terphenyl-d14	19.54	244	6827	0.45	ng	0.00

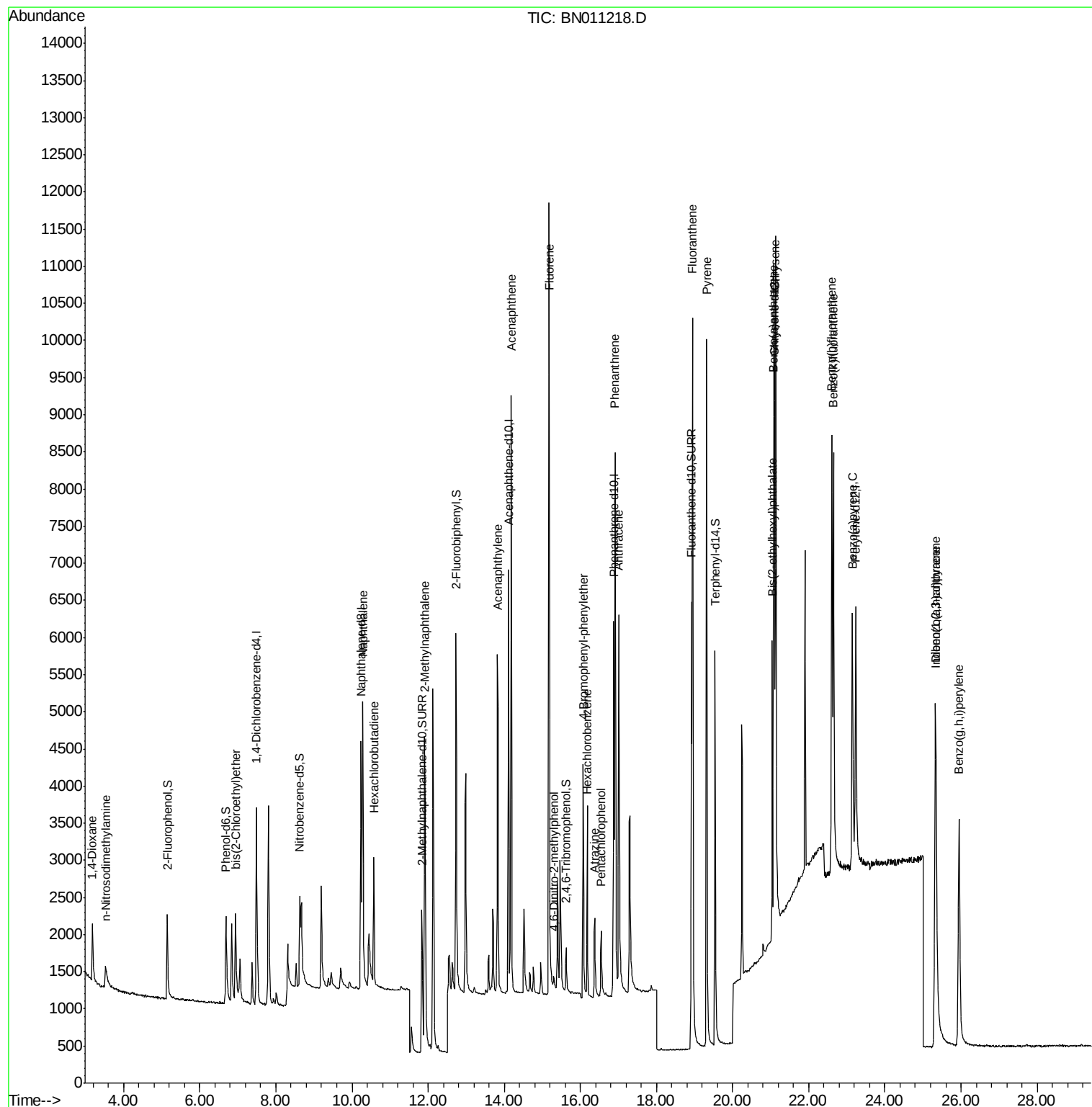
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	793	0.387	ng	95
3) n-Nitrosodimethylamine	3.53	42	388	0.376	ng	94
6) bis(2-Chloroethyl)ether	6.94	93	1578	0.431	ng	92
9) Naphthalene	10.29	128	5877	0.374	ng	100
10) Hexachlorobutadiene	10.58	225	1411	0.362	ng	# 100
12) 2-Methylnaphthalene	11.91	142	4066	0.411	ng	98
16) Acenaphthylene	13.82	152	5931	0.358	ng	99
17) Acenaphthene	14.18	154	4084	0.369	ng	99
18) Fluorene	15.18	166	5469	0.385	ng	99
20) 4,6-Dinitro-2-methylphenol	15.30	198	323	0.363	ng	96
21) 4-Bromophenyl-phenylether	16.08	248	1831	0.358	ng	97
22) Hexachlorobenzene	16.19	284	2023	0.340	ng	99
23) Atrazine	16.37	200	1330	0.371	ng	98
24) Pentachlorophenol	16.54	266	601	0.340	ng	93
25) Phenanthrene	16.91	178	8966	0.371	ng	100
26) Anthracene	17.00	178	7116	0.354	ng	99
28) Fluoranthene	18.95	202	10403	0.359	ng	100
30) Pyrene	19.32	202	10331	0.466	ng	99
32) Benzo(a)anthracene	21.08	228	7204	0.383	ng	99
33) Chrysene	21.13	228	9017	0.392	ng	100
34) Bis(2-ethylhexyl)phthalate	21.04	149	3682	0.475	ng	97
35) Indeno(1,2,3-cd)pyrene	25.32	276	7754	0.313	ng	98
37) Benzo(b)fluoranthene	22.60	252	7444	0.369	ng	99
38) Benzo(k)fluoranthene	22.65	252	8177	0.358	ng	98
39) Benzo(a)pyrene	23.14	252	6341	0.349	ng	99
40) Dibenzo(a,h)anthracene	25.34	278	6031	0.313	ng	98
41) Benzo(g,h,i)perylene	25.95	276	7294	0.345	ng	98

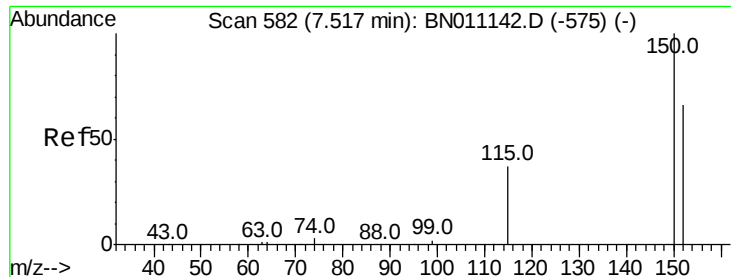
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN072220\
Data File : BN011218.D
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Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 21 17:40:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
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QLast Update : Tue Jul 21 14:35:20 2020
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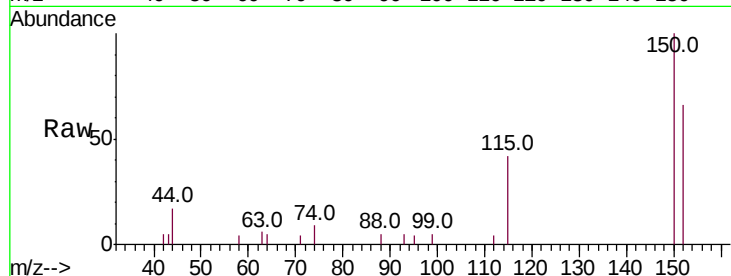


#1

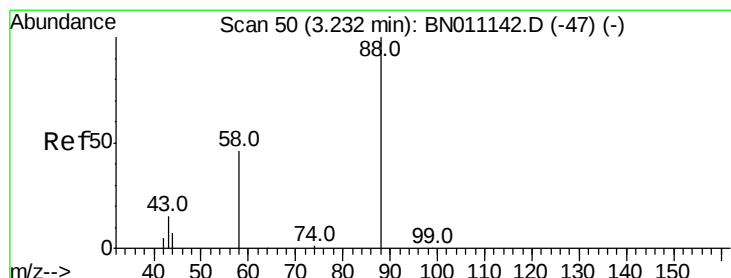
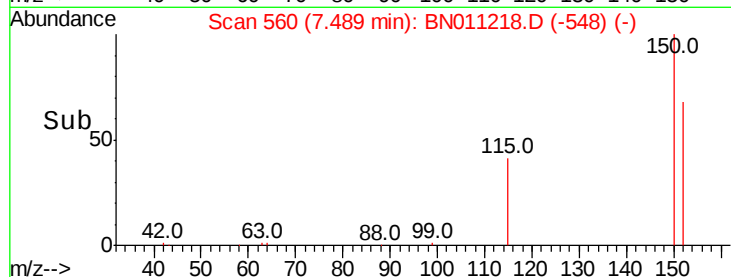
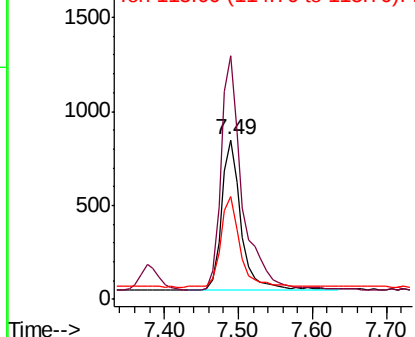
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.49 min Scan# 560
Delta R.T. 0.00 min
Lab File: BN011218.D
Acq: 21 Jul 2020 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 1435
Ion Ratio Lower Upper
152 100
150 152.5 119.4 179.0
115 64.6 48.3 72.5



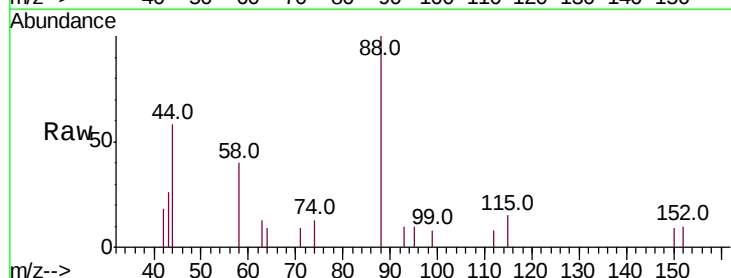
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



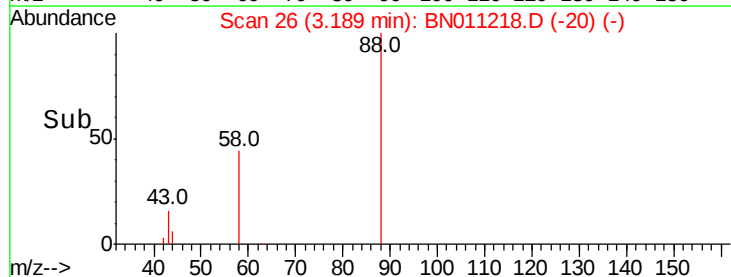
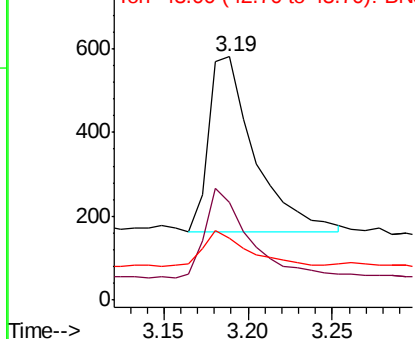
#2

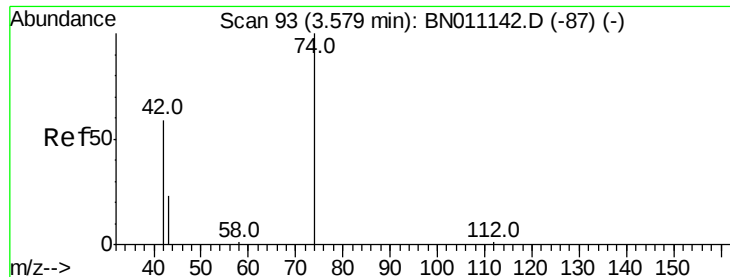
1,4-Dioxane
Concen: 0.387 ng
RT: 3.19 min Scan# 26
Delta R.T. 0.00 min
Lab File: BN011218.D
Acq: 21 Jul 2020 13:55

Tgt Ion: 88 Resp: 793
Ion Ratio Lower Upper
88 100
58 49.7 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



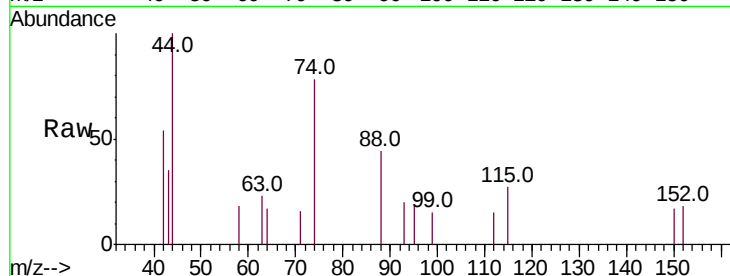


#3

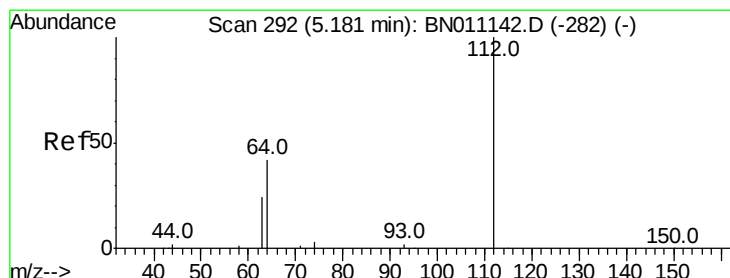
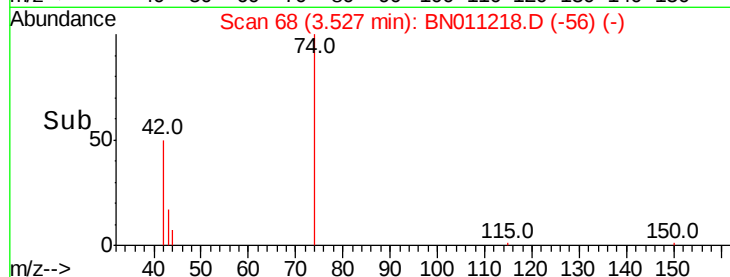
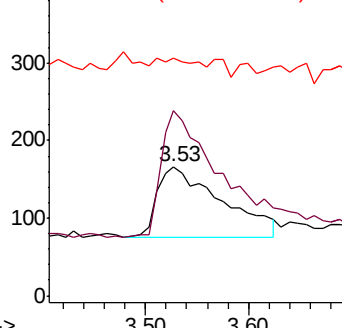
n-Nitrosodimethylamine
 Concen: 0.376 ng
 RT: 3.53 min Scan# 68
 Delta R.T. 0.00 min
 Lab File: BN011218.D
 Acq: 21 Jul 2020 13:55

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
42	100		
74	168.3	140.9	211.3
44	11.1	7.6	11.4



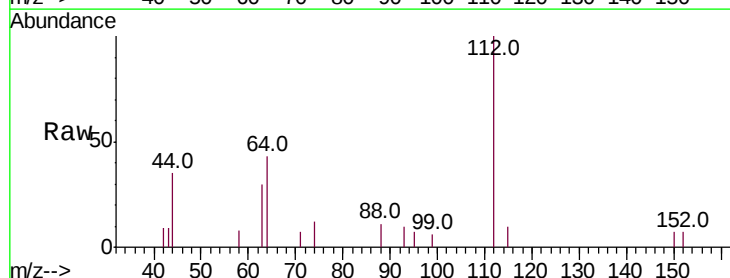
Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0



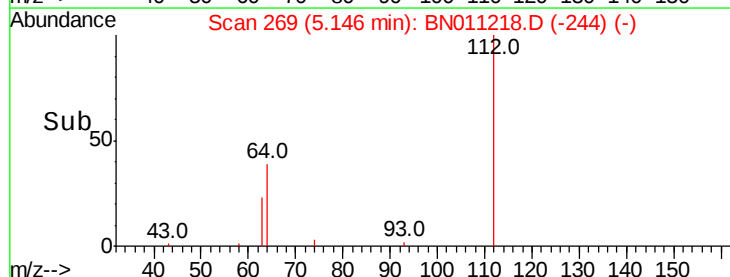
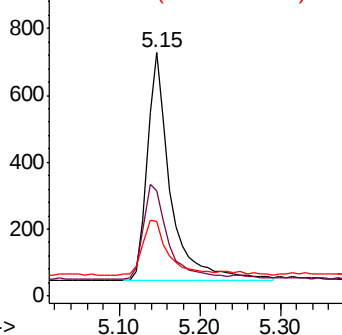
#4

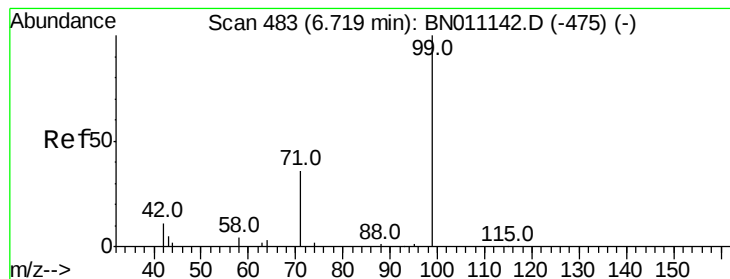
2-Fluorophenol
 Concen: 0.381 ng
 RT: 5.15 min Scan# 269
 Delta R.T. 0.00 min
 Lab File: BN011218.D
 Acq: 21 Jul 2020 13:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.5	36.7	55.1
63	26.2	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: 0.424 ng

RT: 6.69 min Scan# 461

Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

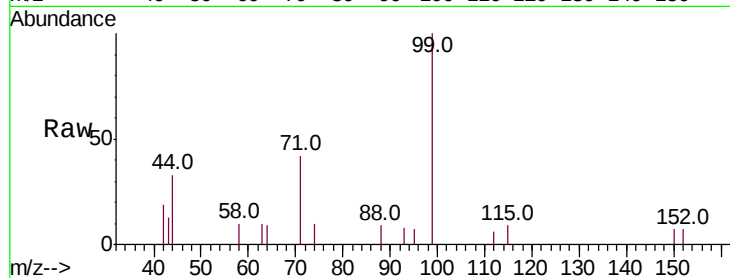
Tot Ion: 99 Resp: 1696

Ion Ratio Lower Upper

99 100

42 13.1 10.8 16.2

71 38.3 31.3 46.9



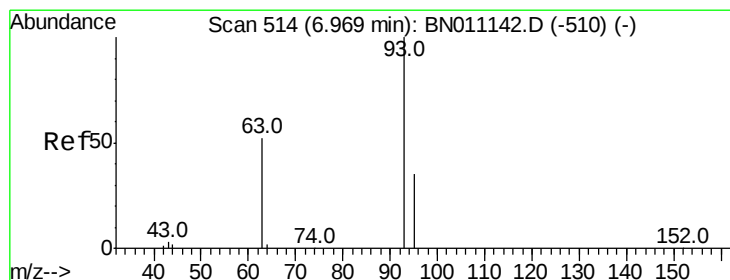
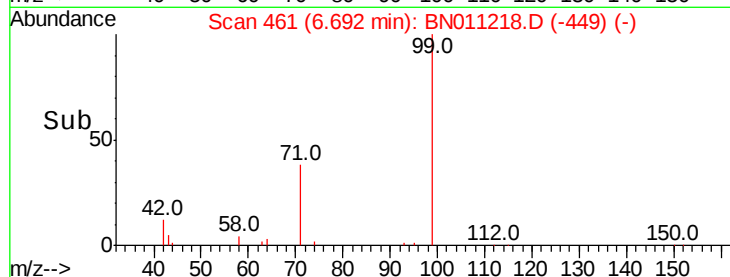
Abundance Ion 99.00 (98.70 to 99.70): BN011142.D (-475) (-)

Ion 42.00 (41.70 to 42.70): BN011142.D (-475) (-)

Ion 71.00 (70.70 to 71.70): BN011142.D (-475) (-)

6.69

Time--> 6.50 6.60 6.70 6.80 6.90



#6

bis(2-Chloroethyl)ether

Concen: 0.431 ng

RT: 6.94 min Scan# 492

Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

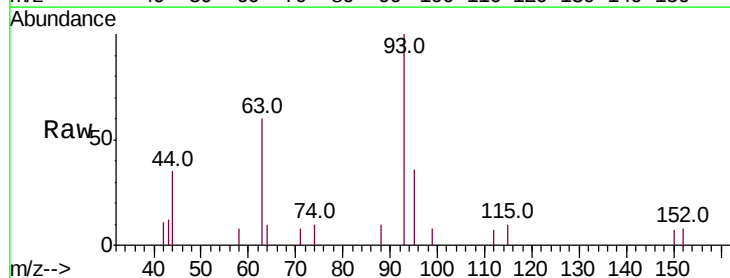
Tgt Ion: 93 Resp: 1578

Ion Ratio Lower Upper

93 100

63 52.0 47.4 71.0

95 32.4 28.1 42.1



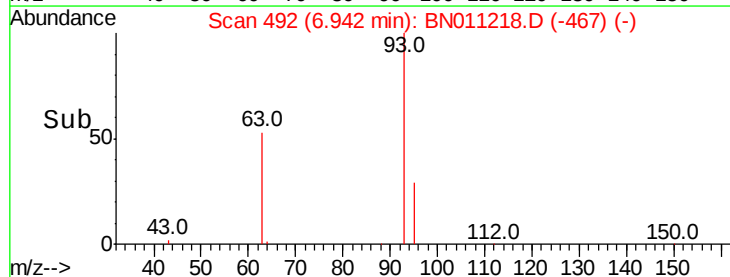
Abundance Ion 93.00 (92.70 to 93.70): BN011142.D (-510) (-)

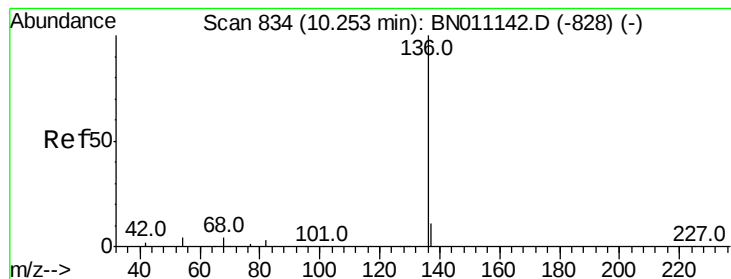
Ion 63.00 (62.70 to 63.70): BN011142.D (-510) (-)

Ion 95.00 (94.70 to 95.70): BN011142.D (-510) (-)

6.94

Time--> 6.90 7.00 7.10





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.24 min Scan# 814

Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 5288

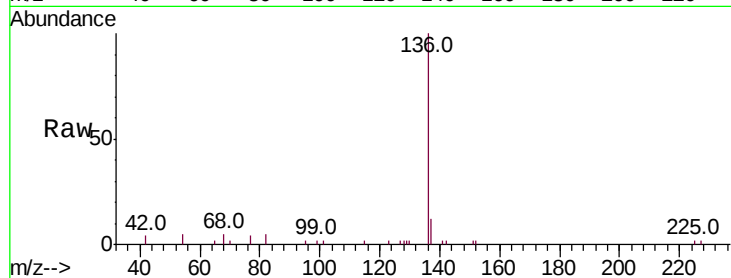
Ion Ratio Lower Upper

136 100

137 12.1 10.3 15.5

54 5.0 4.9 7.3

68 5.1 4.9 7.3

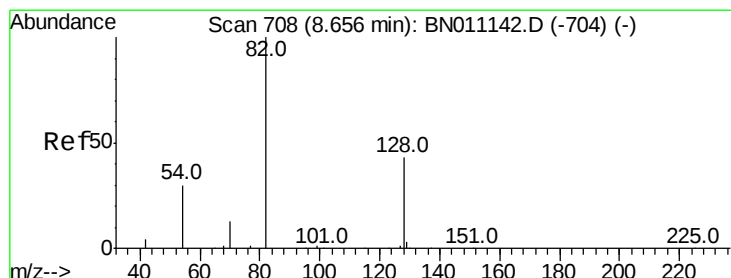
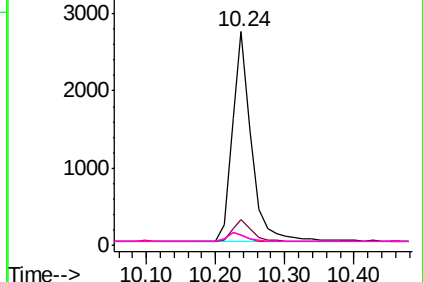
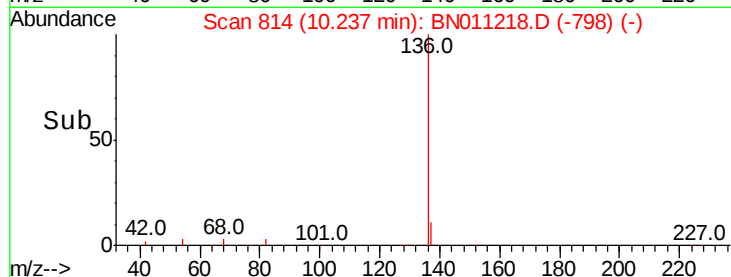


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.371 ng

RT: 8.63 min Scan# 687

Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

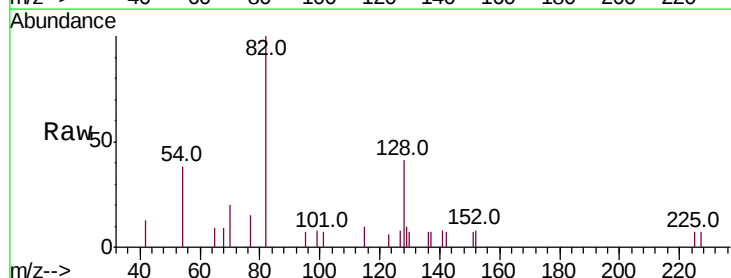
Tgt Ion: 82 Resp: 1737

Ion Ratio Lower Upper

82 100

128 41.3 38.1 57.1

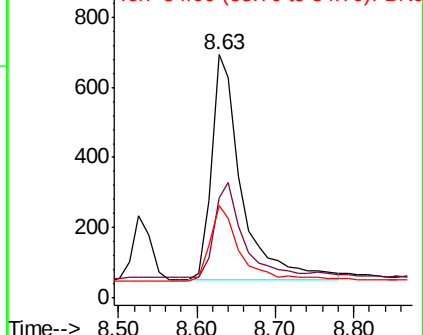
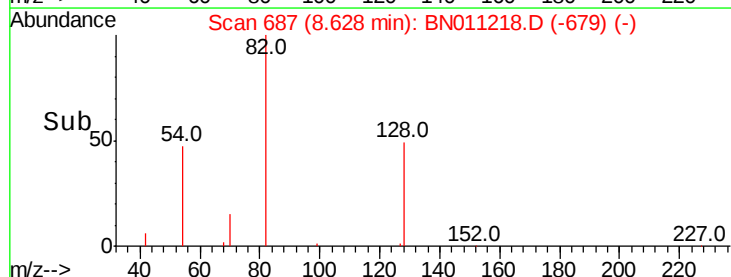
54 37.8 27.1 40.7

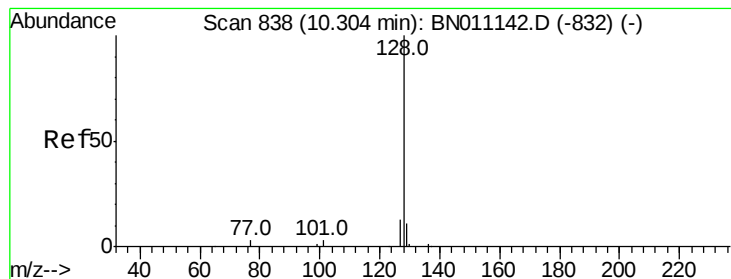


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.374 ng

RT: 10.29 min Scan# 818

Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

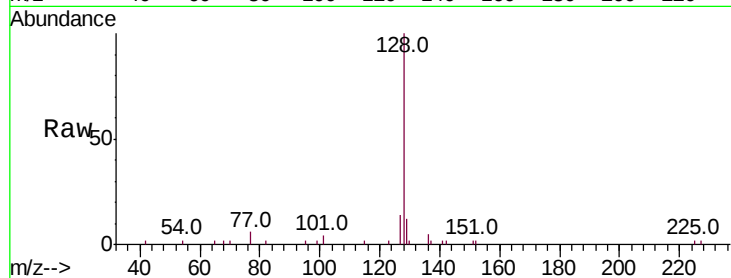
Tot Ion:128 Resp: 5877

Ion Ratio Lower Upper

128 100

129 12.3 9.8 14.6

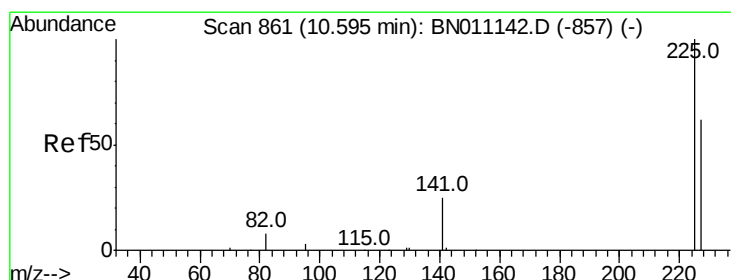
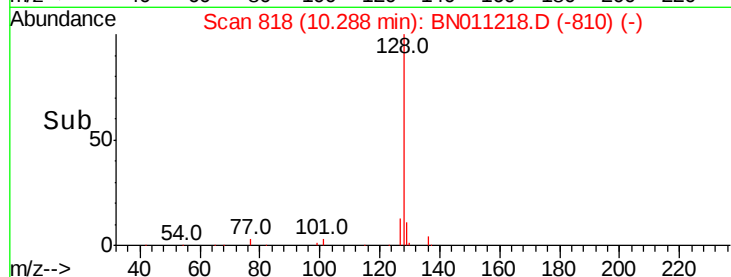
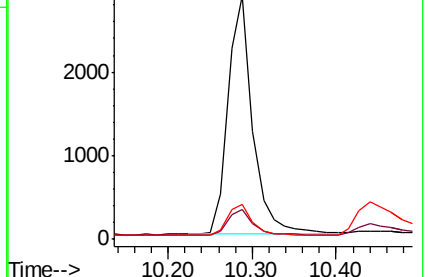
127 14.5 11.8 17.6



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: 0.362 ng

RT: 10.58 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

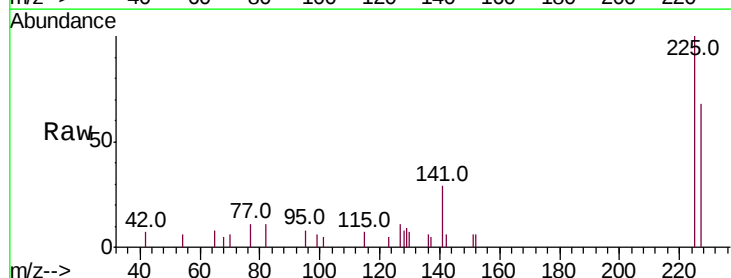
Tgt Ion:225 Resp: 1411

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

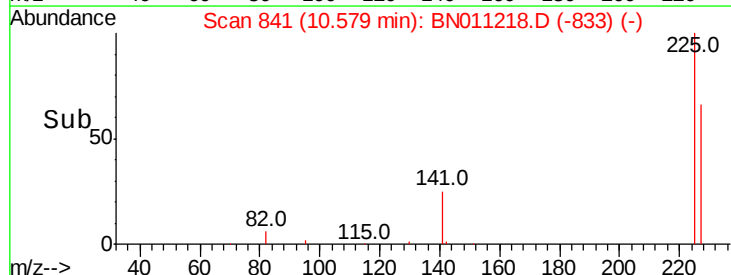
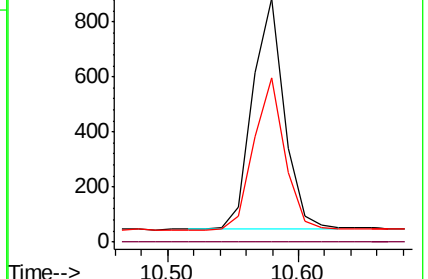
227 63.9 51.2 76.8

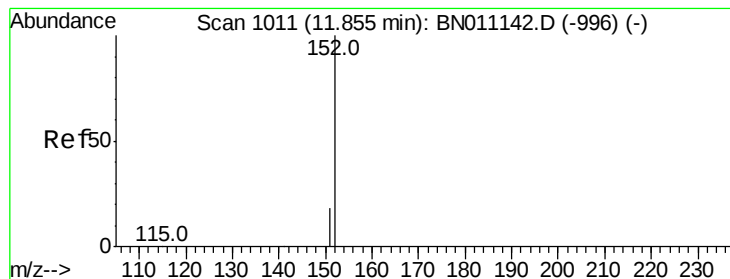


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.415 ng

RT: 11.84 min Scan# 987

Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

Instrument :

BNA_N

ClientSampleId :

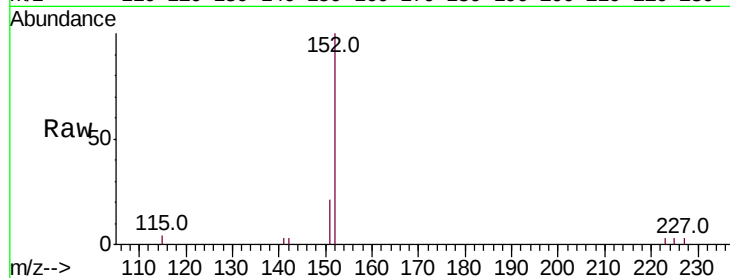
SSTDCCC0.4

Tot Ion:152 Resp: 3561

Ion Ratio Lower Upper

152 100

151 20.1 16.5 24.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.84

1500

1000

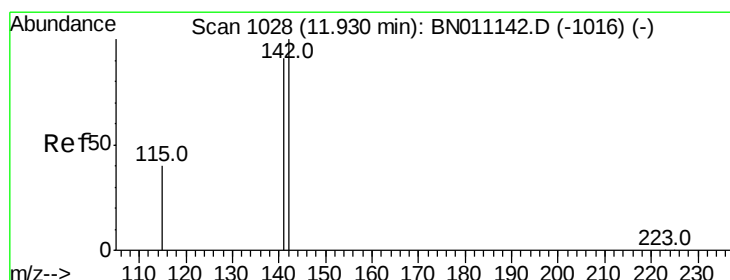
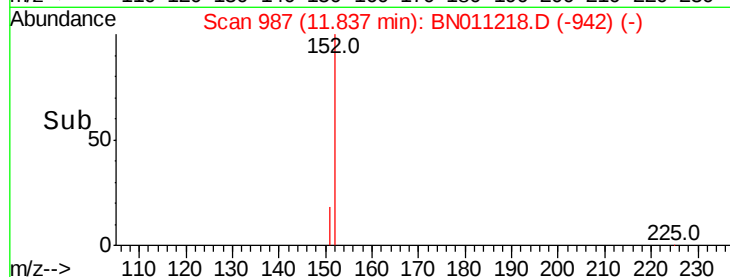
500

0

Time-->

11.80

12.00



#12

2-Methylnaphthalene

Concen: 0.411 ng

RT: 11.91 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

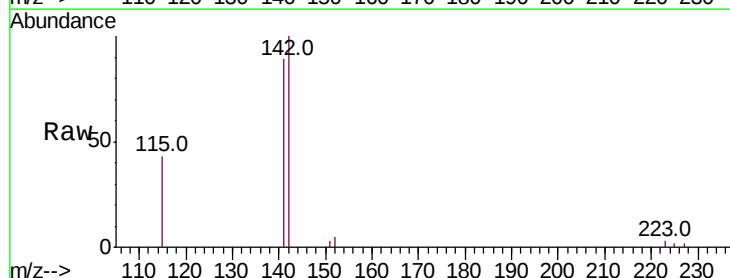
Tgt Ion:142 Resp: 4066

Ion Ratio Lower Upper

142 100

141 88.7 72.7 109.1

115 42.6 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

2500

2000

1500

1000

500

0

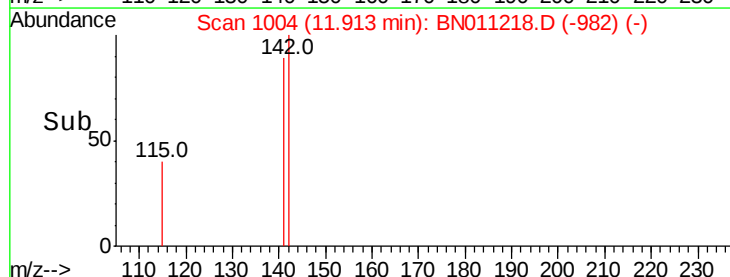
Time-->

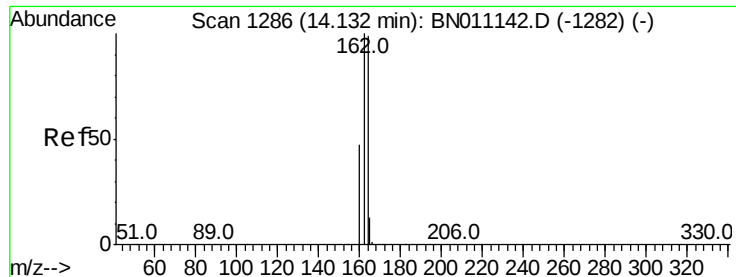
11.80

11.90

12.00

12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.12 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

Instrument :

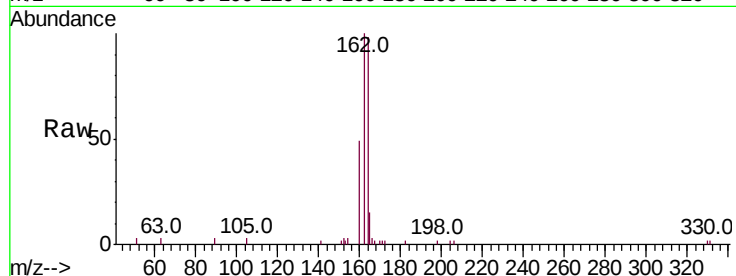
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:164 Resp: 3259

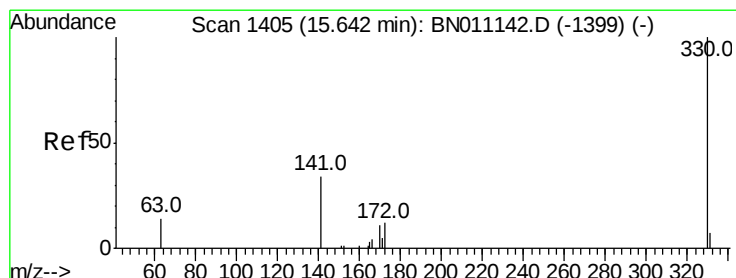
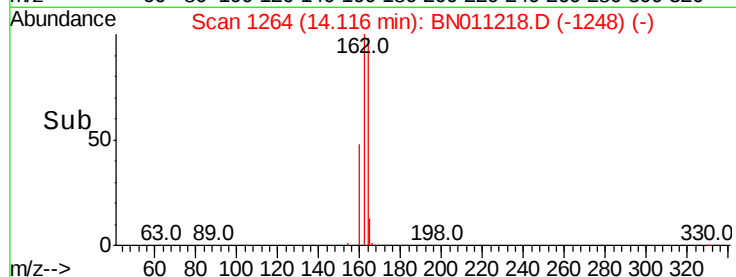
Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.0	121.4
160	49.9	39.0	58.6



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: 0.382 ng

RT: 15.63 min Scan# 1383

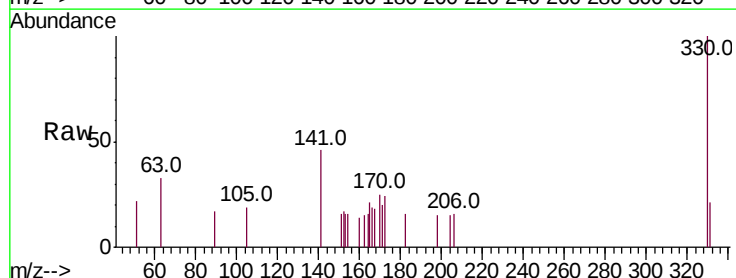
Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

Tgt Ion:330 Resp: 553

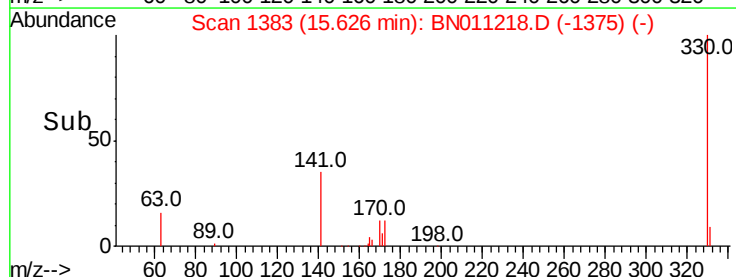
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.3	31.5	47.3

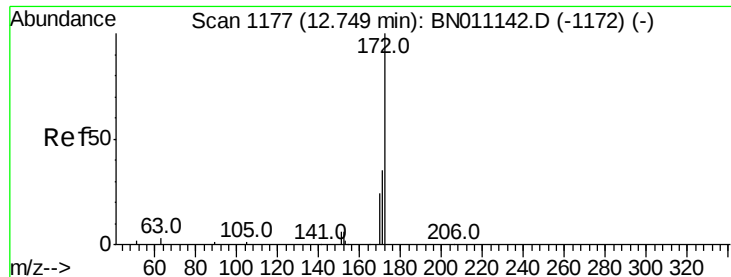


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

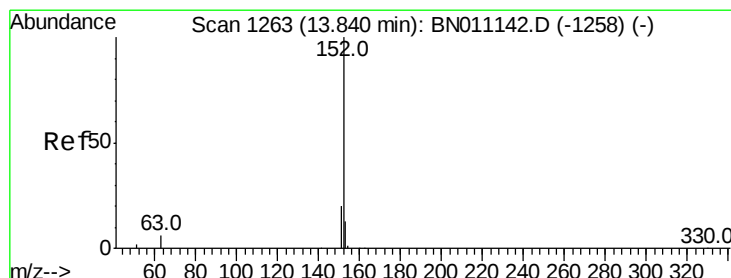
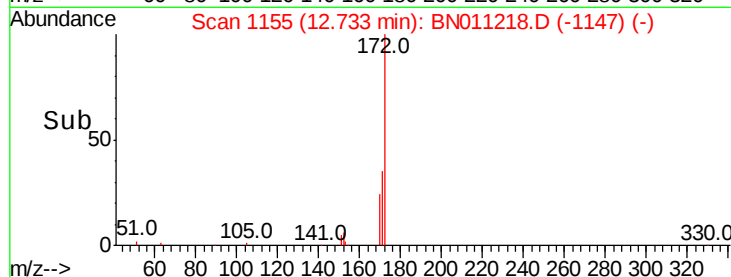
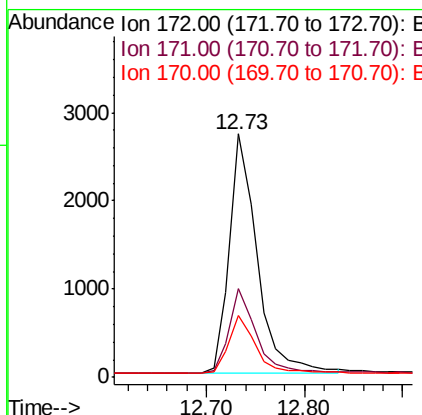
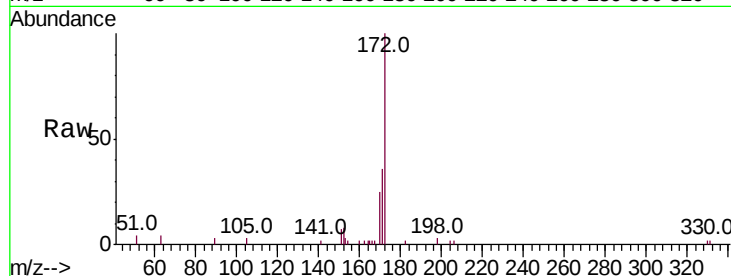




#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 12.73 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BN011218.D
Acq: 21 Jul 2020 13:55

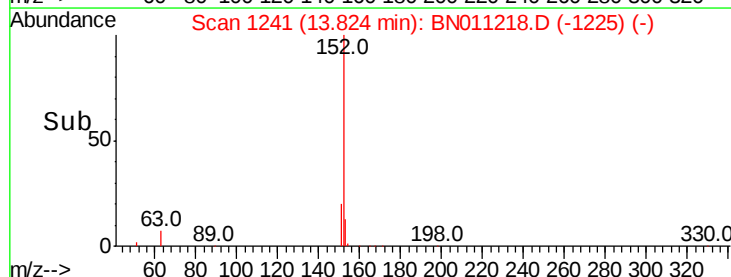
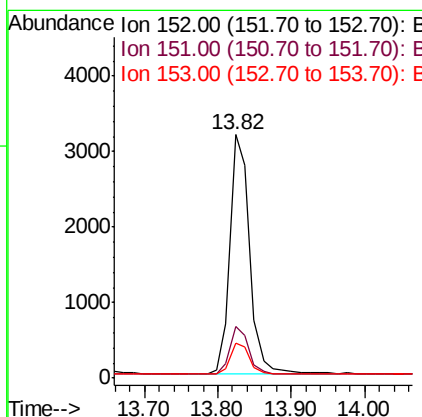
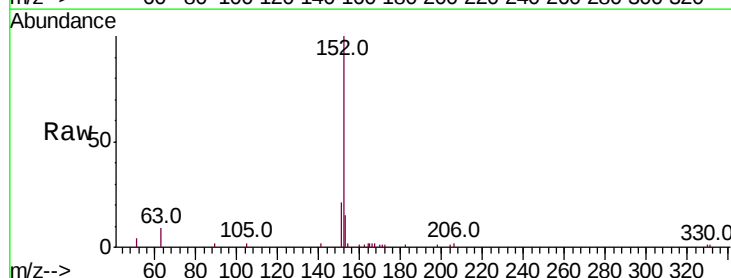
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

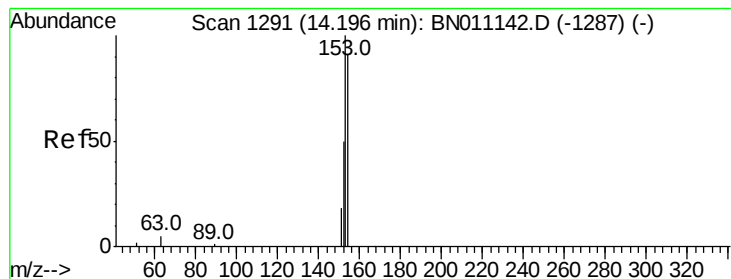
Tot Ion:172 Resp: 5338
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 25.2 20.3 30.5



#16
Acenaphthylene
Concen: 0.358 ng
RT: 13.82 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BN011218.D
Acq: 21 Jul 2020 13:55

Tgt Ion:152 Resp: 5931
Ion Ratio Lower Upper
152 100
151 19.2 15.7 23.5
153 13.2 10.6 15.8





#17

Acenaphthene

Concen: 0.369 ng

RT: 14.18 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

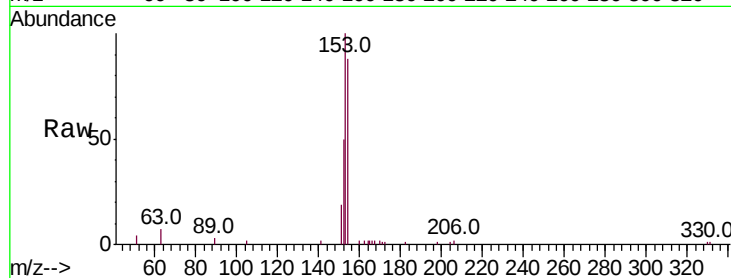
Tot Ion:154 Resp: 4084

Ion Ratio Lower Upper

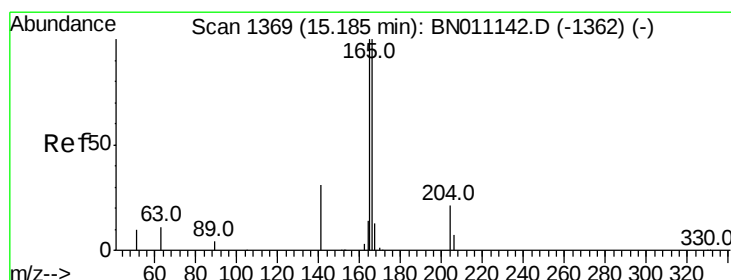
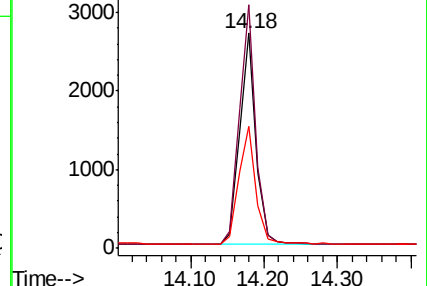
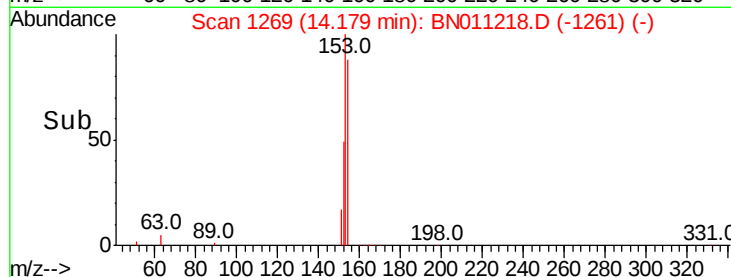
154 100

153 115.3 91.3 136.9

152 59.3 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: 0.385 ng

RT: 15.18 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

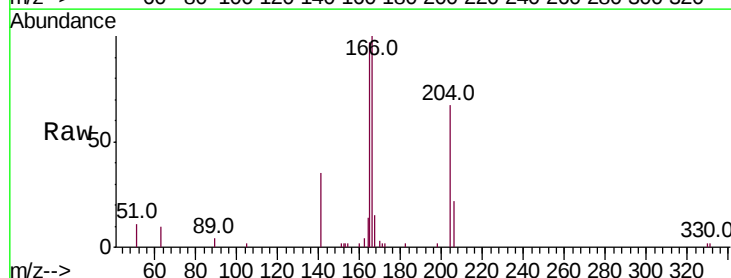
Tgt Ion:166 Resp: 5469

Ion Ratio Lower Upper

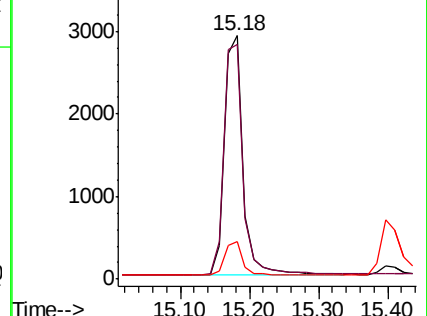
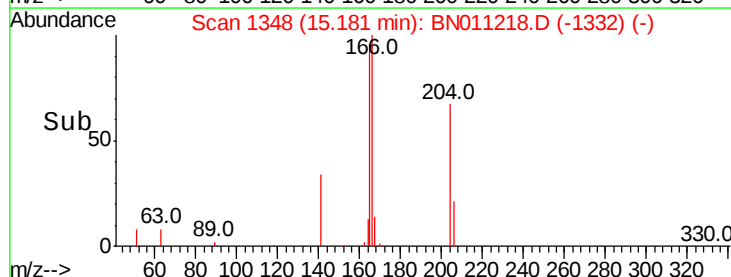
166 100

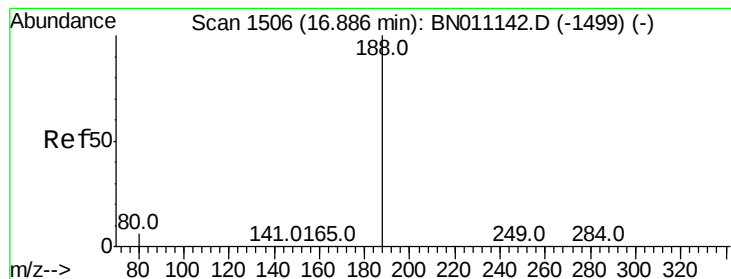
165 99.4 79.1 118.7

167 13.4 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: 16.87 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

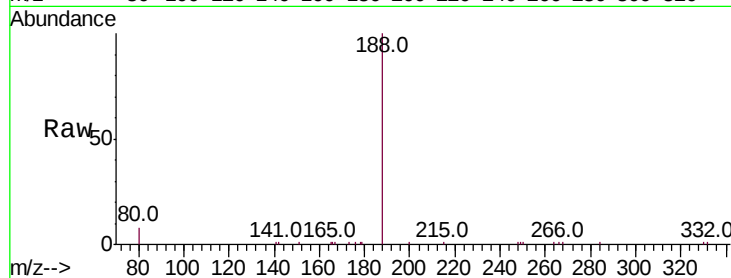
Tot Ion:188 Resp: 7523

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

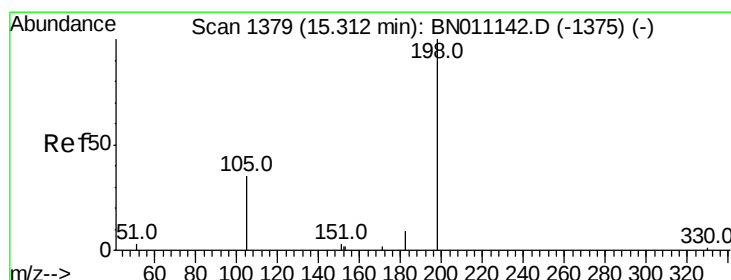
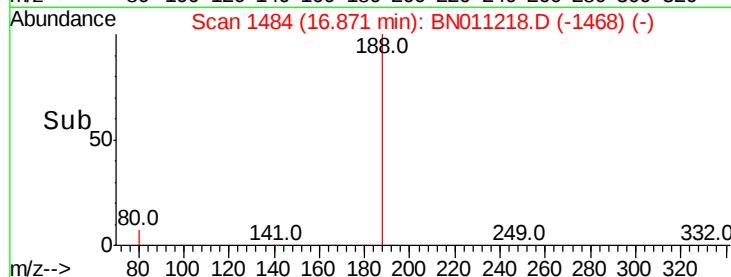
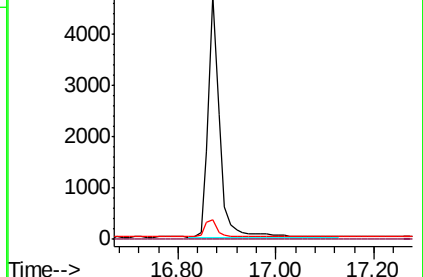
80 8.2 6.3 9.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4,6-Dinitro-2-methylphenol

Concen: 0.363 ng

RT: 15.30 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

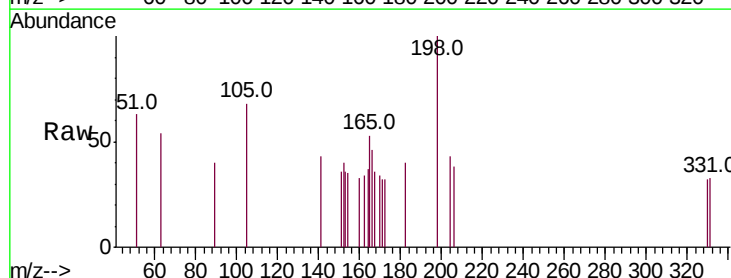
Tgt Ion:198 Resp: 323

Ion Ratio Lower Upper

198 100

51 63.3 53.1 79.7

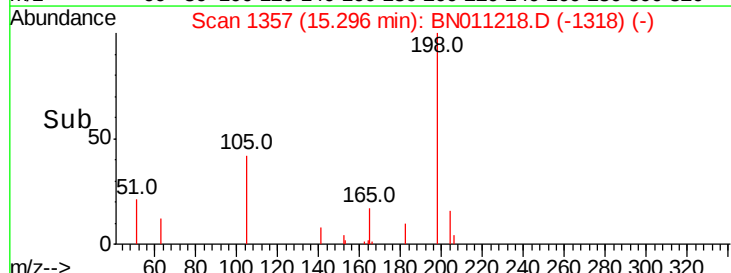
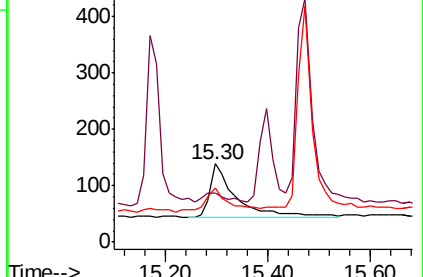
105 68.3 51.9 77.9

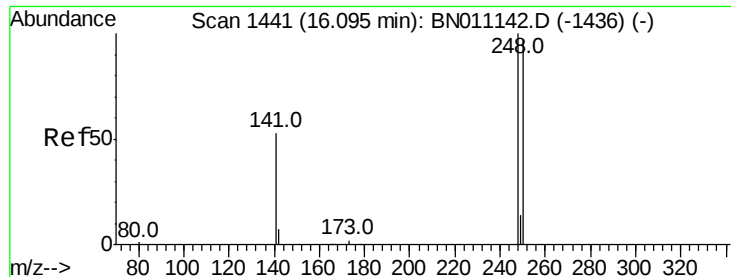


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

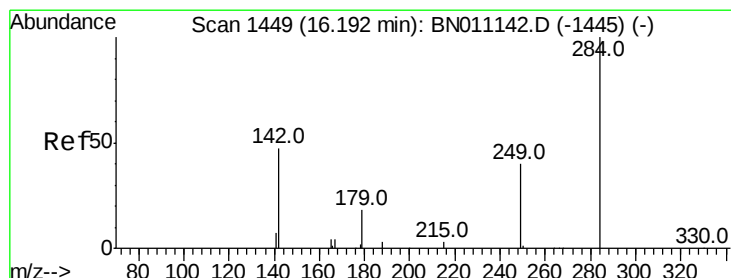
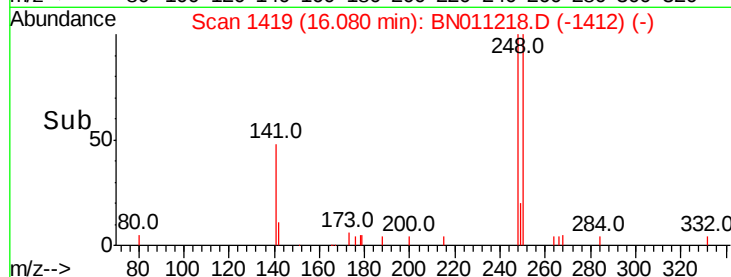
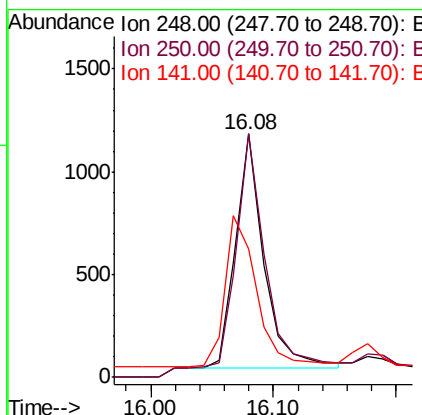
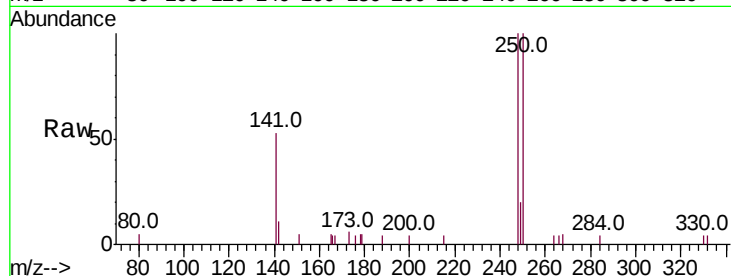




#21
4-Bromophenyl-phenylether
Concen: 0.358 ng
RT: 16.08 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BN011218.D
Acq: 21 Jul 2020 13:55

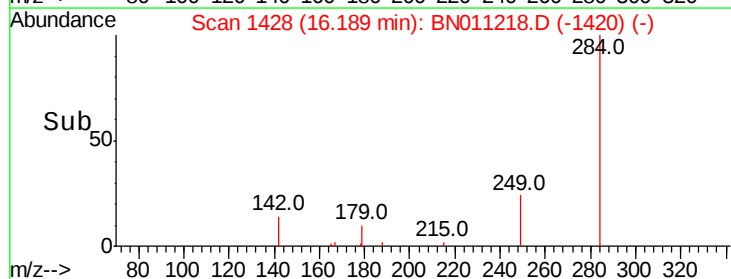
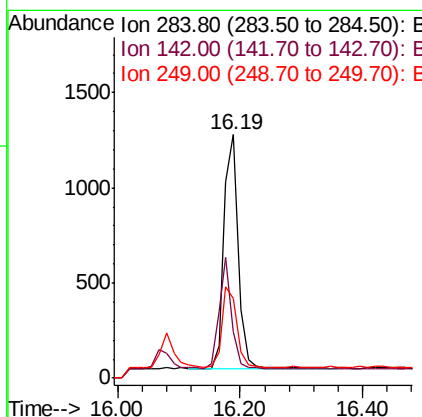
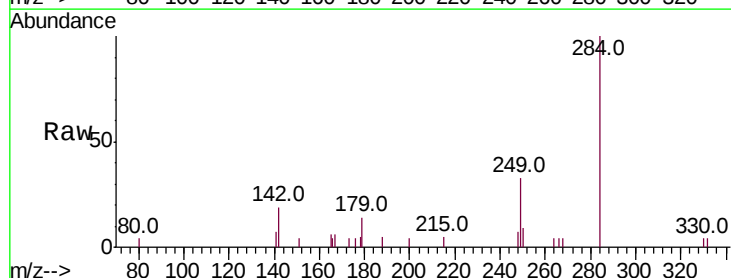
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

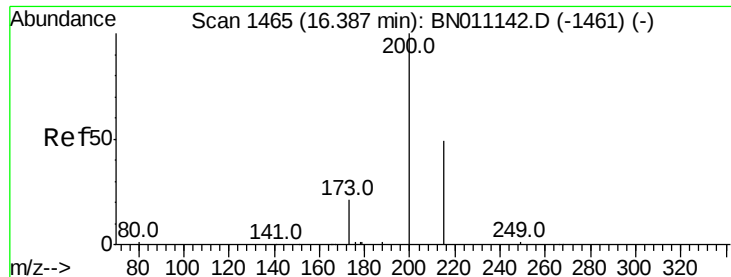
Tot Ion:248 Resp: 1831
Ion Ratio Lower Upper
248 100
250 99.8 78.4 117.6
141 52.7 45.1 67.7



#22
Hexachlorobenzene
Concen: 0.340 ng
RT: 16.19 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BN011218.D
Acq: 21 Jul 2020 13:55

Tgt Ion:284 Resp: 2023
Ion Ratio Lower Upper
284 100
142 41.7 32.6 48.8
249 34.8 28.4 42.6





#23

Atrazine

Concen: 0.371 ng

RT: 16.37 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

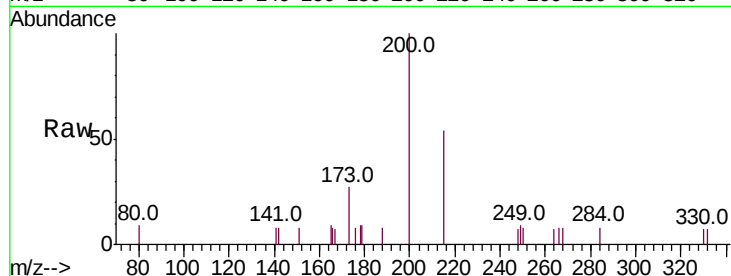
Tot Ion:200 Resp: 1330

Ion Ratio Lower Upper

200 100

173 26.9 23.0 34.4

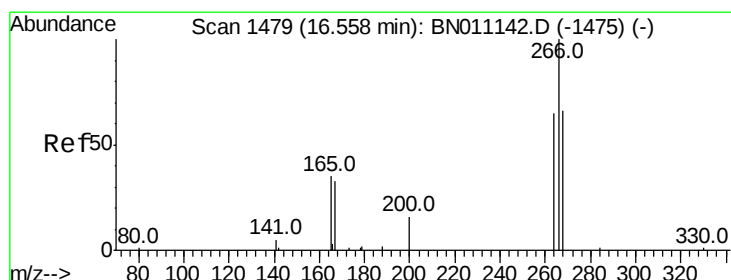
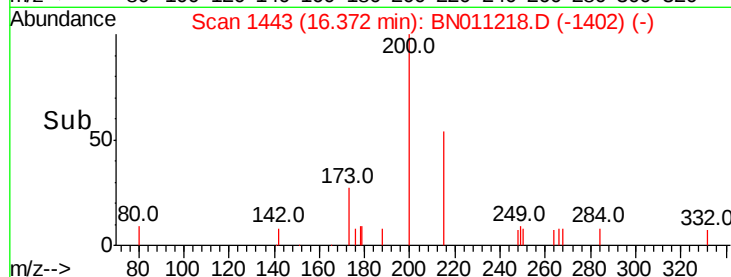
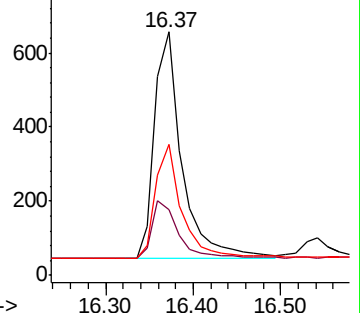
215 53.6 42.6 63.8



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: 0.340 ng

RT: 16.54 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

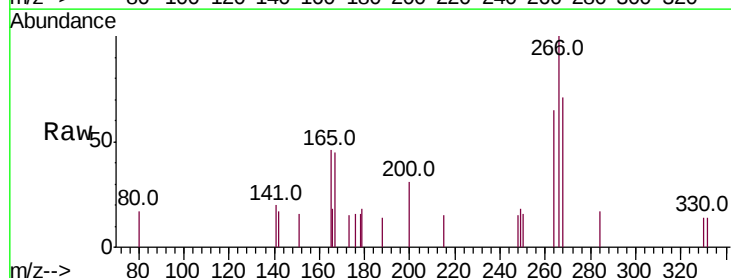
Tgt Ion:266 Resp: 601

Ion Ratio Lower Upper

266 100

264 57.9 52.5 78.7

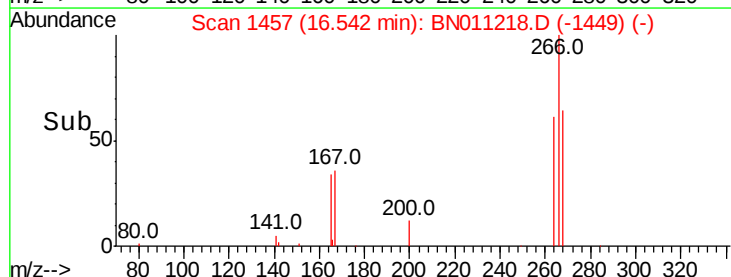
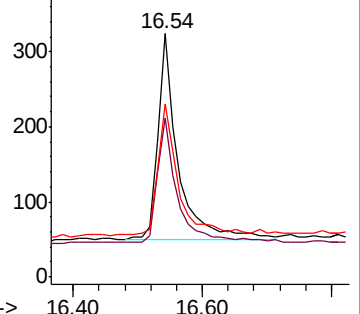
268 63.9 48.9 73.3

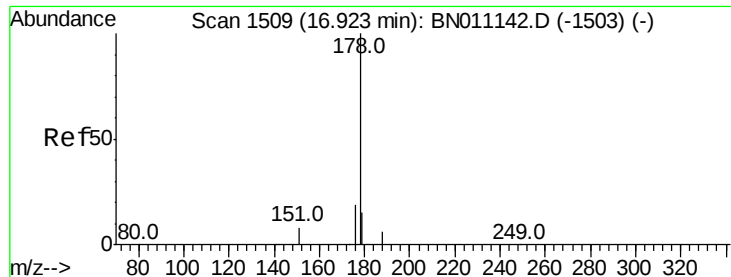


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.371 ng

RT: 16.91 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

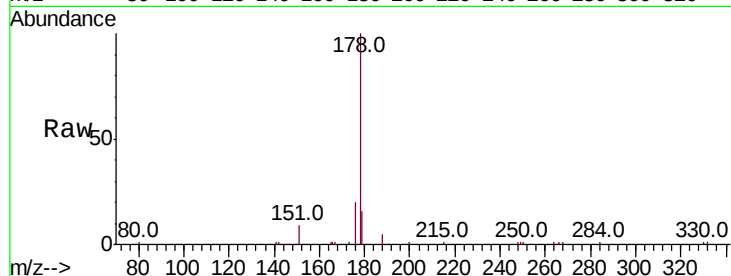
Tot Ion:178 Resp: 8966

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

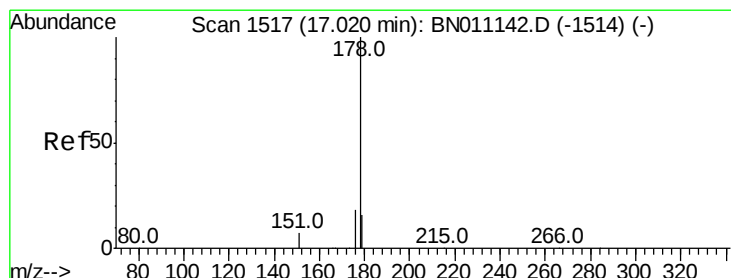
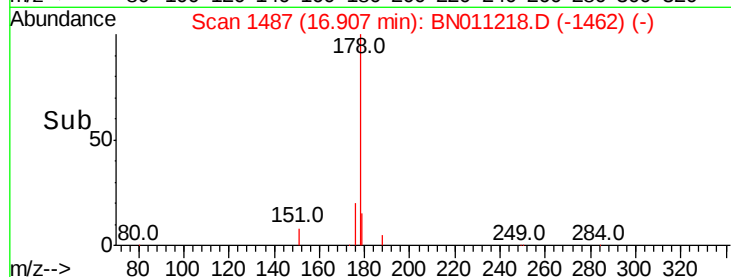
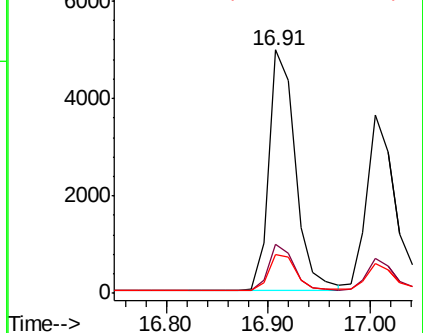
179 15.5 12.6 18.8



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: 0.354 ng

RT: 17.00 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

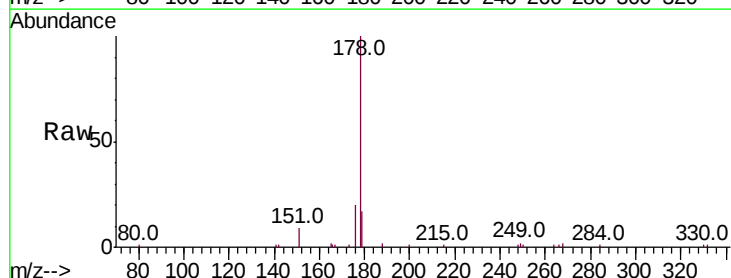
Tgt Ion:178 Resp: 7116

Ion Ratio Lower Upper

178 100

176 18.6 14.5 21.7

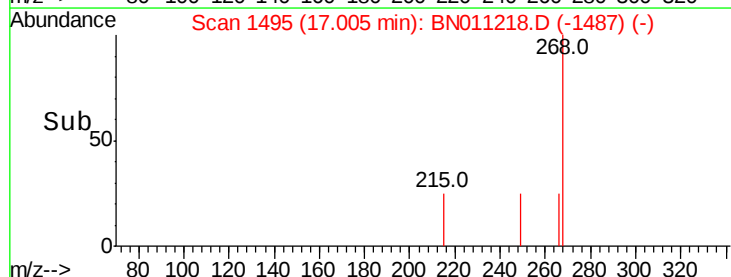
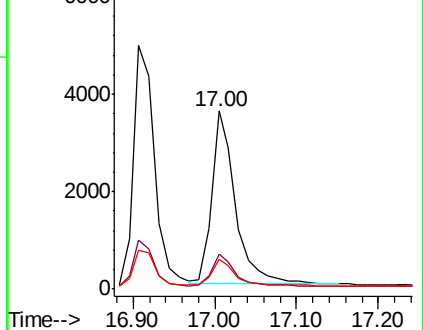
179 15.2 12.0 18.0

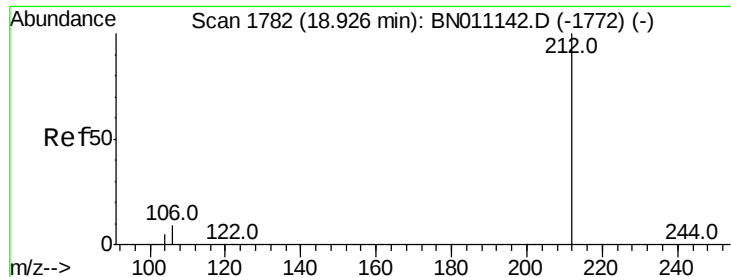


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

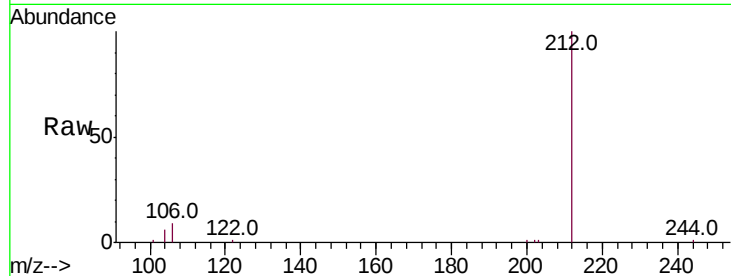




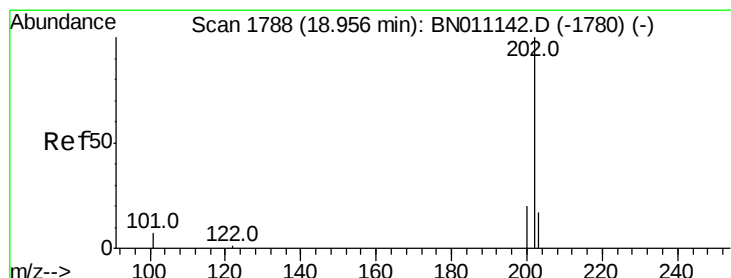
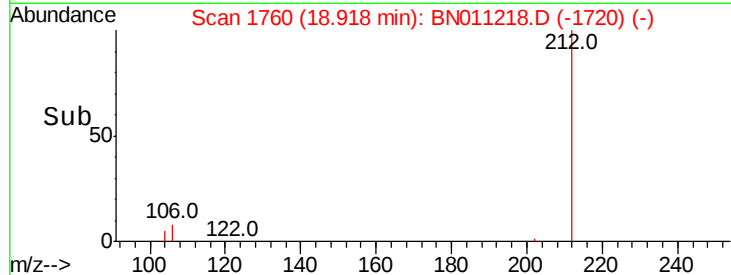
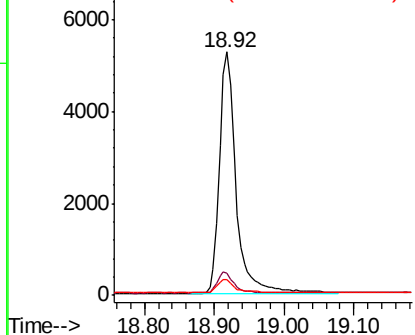
#27
 Fluoranthene-d10
 Concen: 0.365 ng
 RT: 18.92 min Scan# 1760
 Delta R.T. 0.00 min
 Lab File: BN011218.D
 Acq: 21 Jul 2020 13:55

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:212 Resp: 8664
 Ion Ratio Lower Upper
 212 100
 106 8.7 7.0 10.6
 104 5.1 4.2 6.4

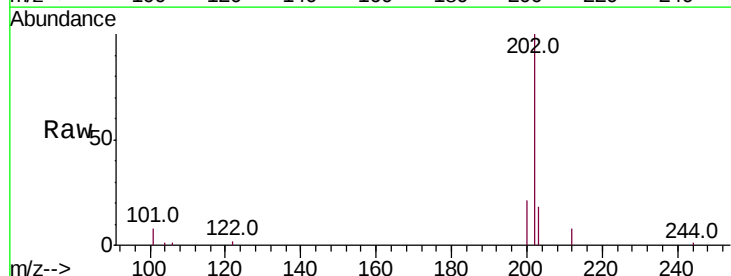


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

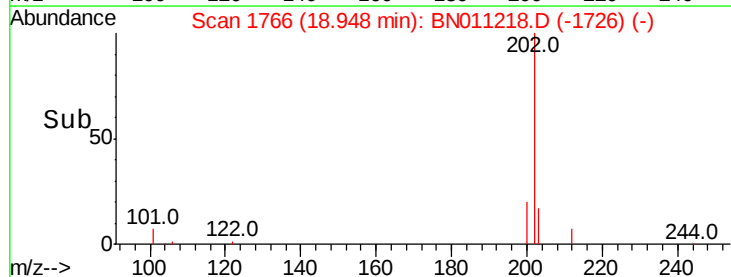
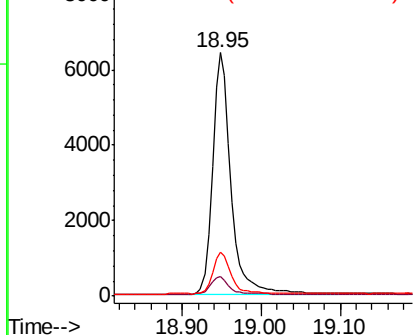


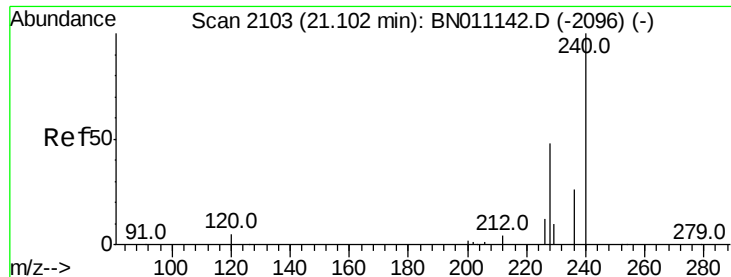
#28
 Fluoranthene
 Concen: 0.359 ng
 RT: 18.95 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BN011218.D
 Acq: 21 Jul 2020 13:55

Tgt Ion:202 Resp: 10403
 Ion Ratio Lower Upper
 202 100
 101 7.4 5.9 8.9
 203 17.1 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: 21.10 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

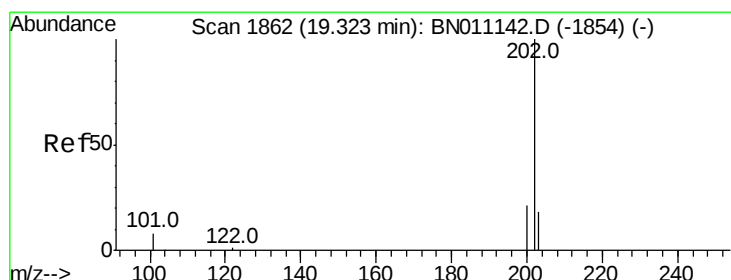
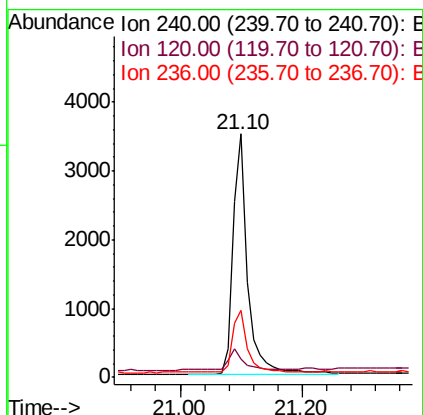
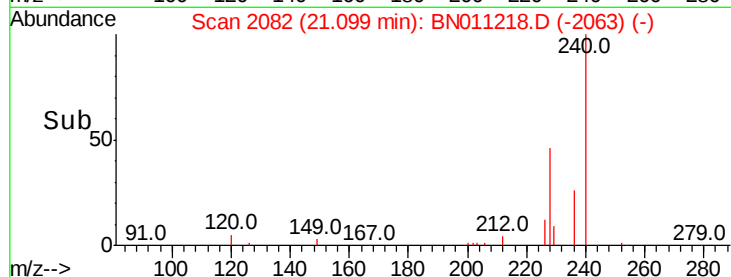
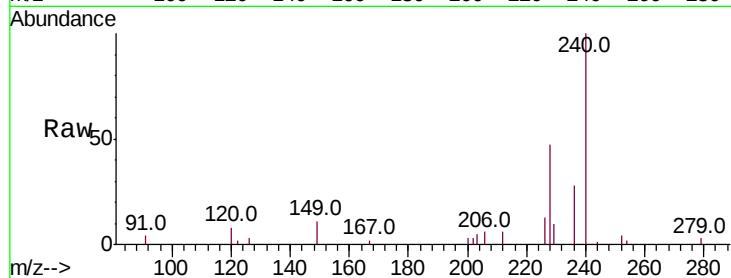
Tot Ion:240 Resp: 5804

Ion Ratio Lower Upper

240 100

120 7.8 6.5 9.7

236 27.7 21.9 32.9



#30

Pyrene

Concen: 0.466 ng

RT: 19.32 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

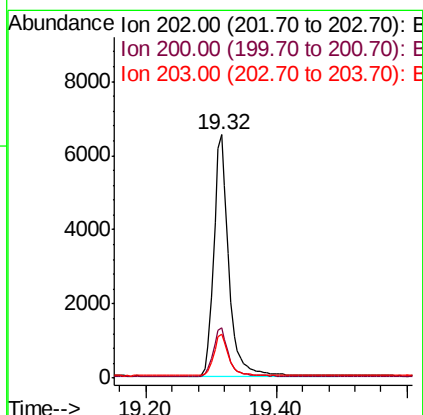
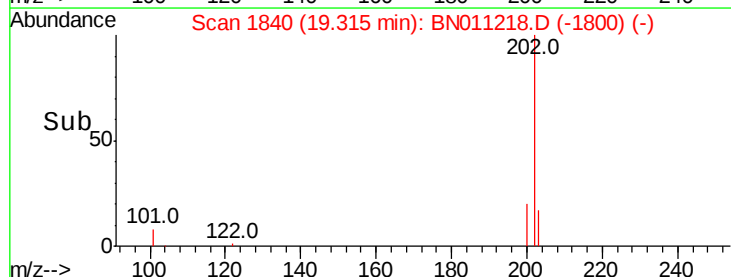
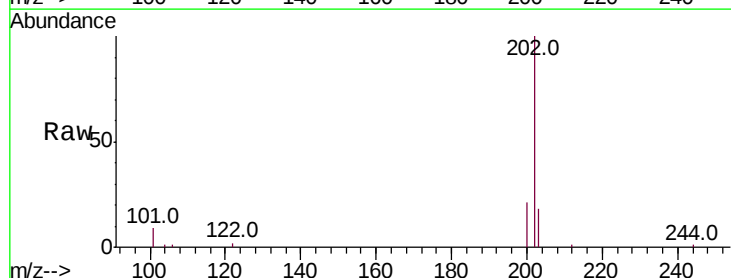
Tgt Ion:202 Resp: 10331

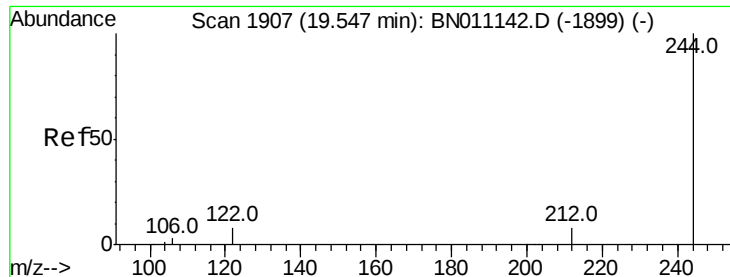
Ion Ratio Lower Upper

202 100

200 20.1 16.5 24.7

203 17.6 14.2 21.4





#31

Terphenyl-d14

Concen: 0.452 ng

RT: 19.54 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

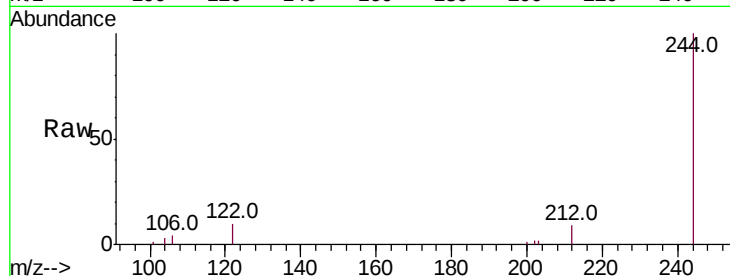
Tot Ion:244 Resp: 6827

Ion Ratio Lower Upper

244 100

212 9.4 7.8 11.6

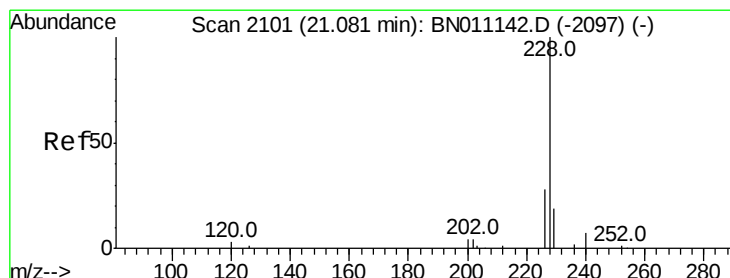
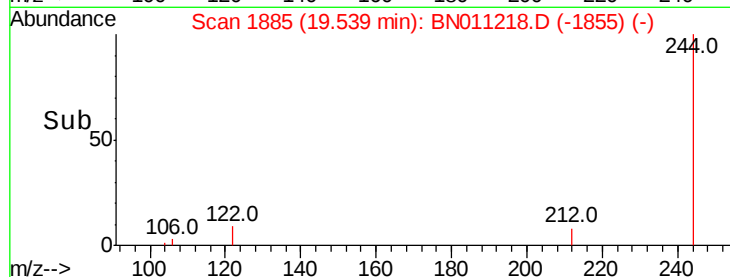
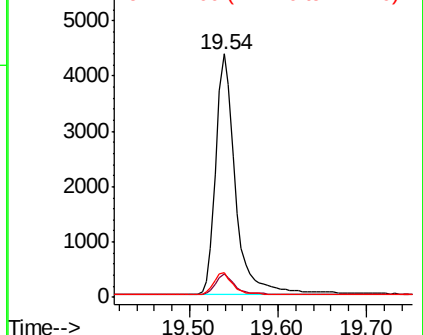
122 10.1 7.4 11.0



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: 0.383 ng

RT: 21.08 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

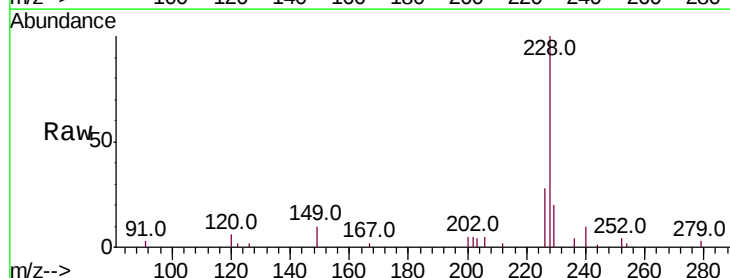
Tgt Ion:228 Resp: 7204

Ion Ratio Lower Upper

228 100

226 27.8 23.2 34.8

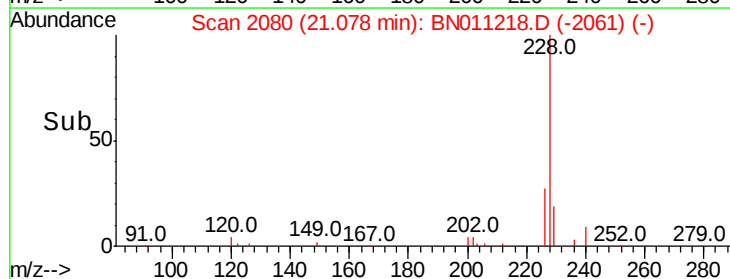
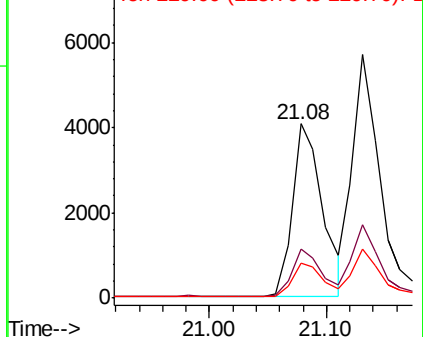
229 20.2 16.2 24.4

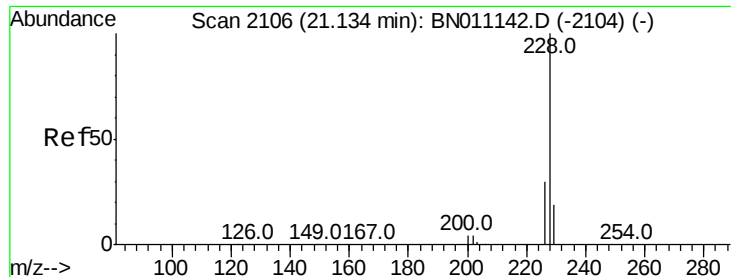


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.392 ng

RT: 21.13 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

Instrument :

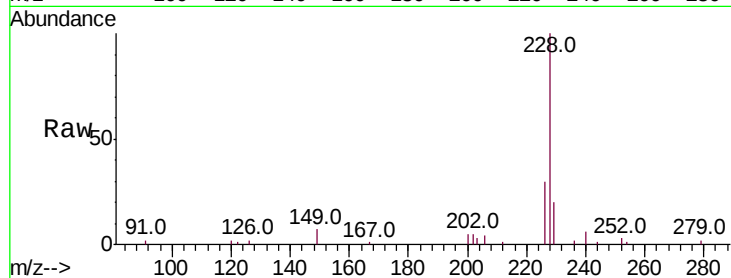
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 9017

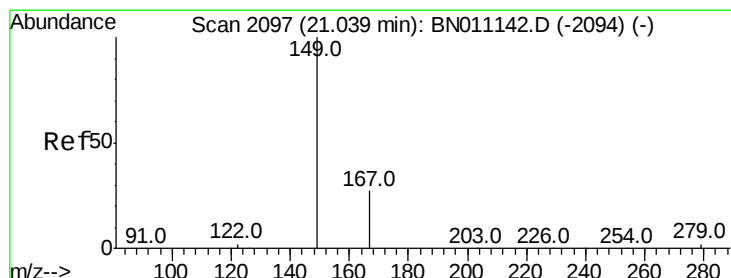
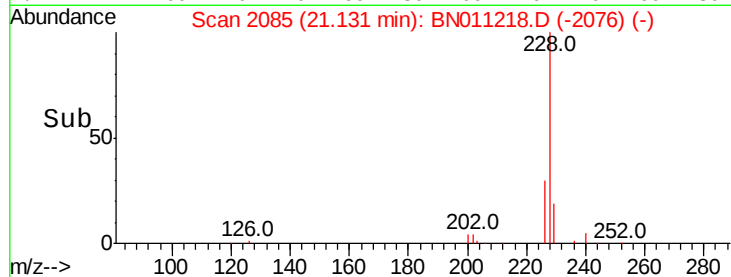
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	20.1	16.2	24.4



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: 0.475 ng

RT: 21.04 min Scan# 2076

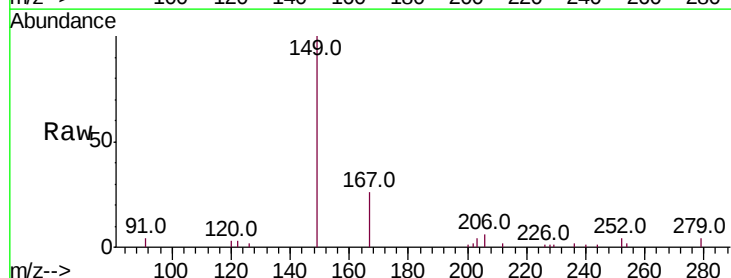
Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

Tgt Ion:149 Resp: 3682

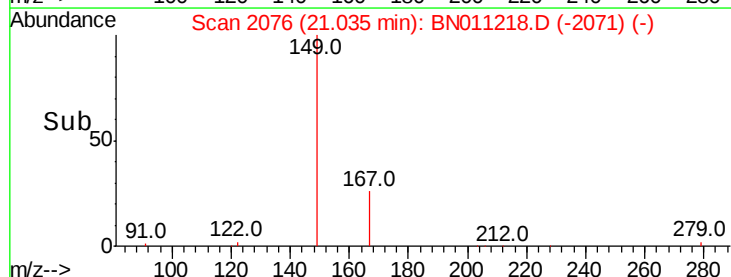
Ion	Ratio	Lower	Upper
149	100		
167	27.1	23.4	35.0
279	5.4	4.5	6.7

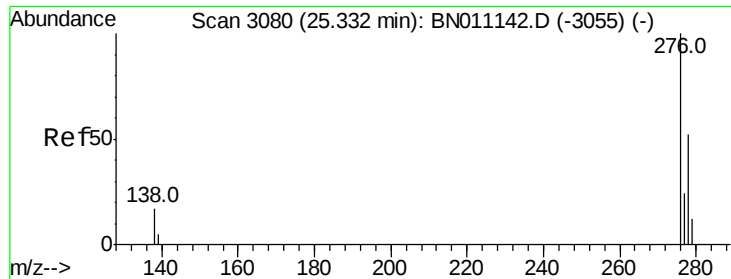


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.313 ng

RT: 25.32 min Scan# 3057

Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

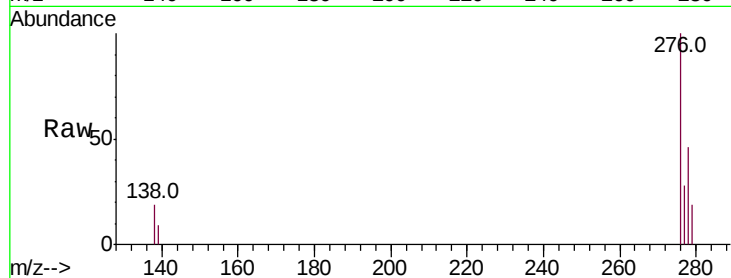
Tot Ion:276 Resp: 7754

Ion Ratio Lower Upper

276 100

138 17.6 13.0 19.6

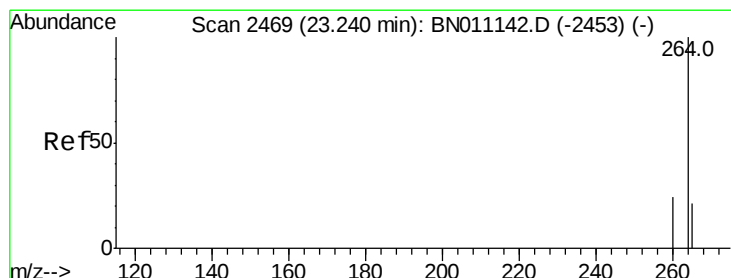
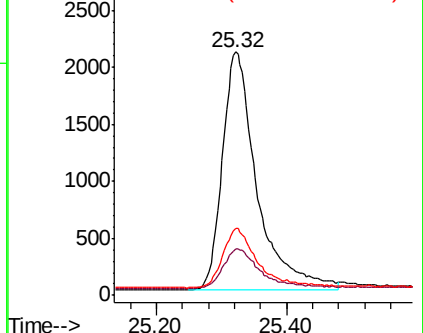
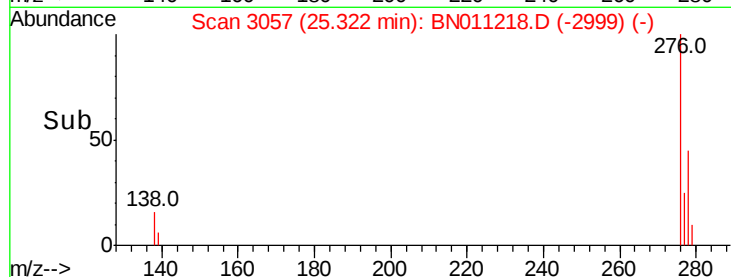
277 25.3 19.7 29.5



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: 23.23 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

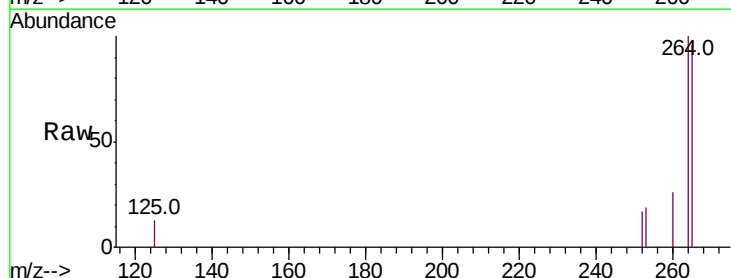
Tgt Ion:264 Resp: 5027

Ion Ratio Lower Upper

264 100

260 25.5 20.1 30.1

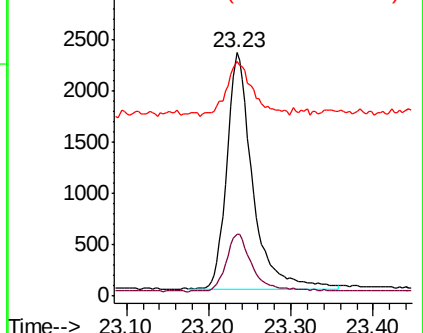
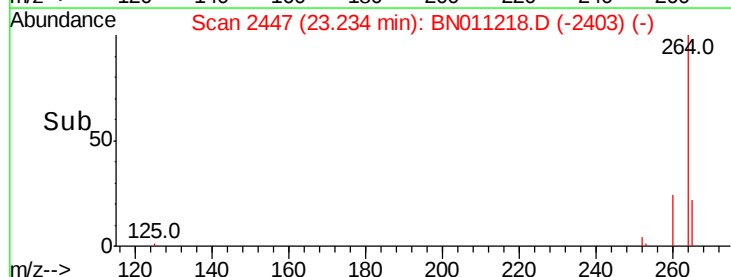
265 96.2 76.6 115.0

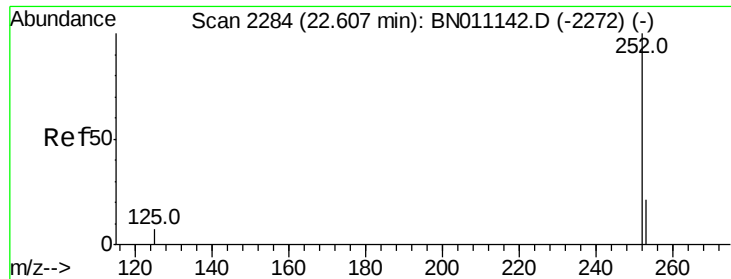


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

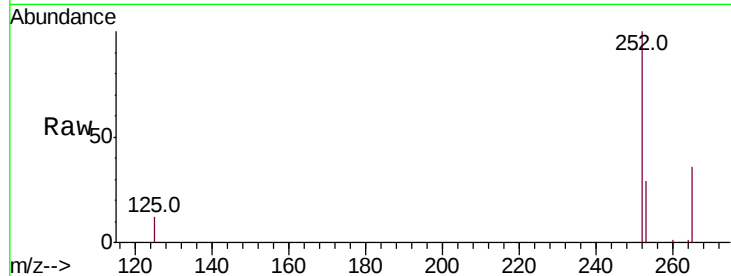




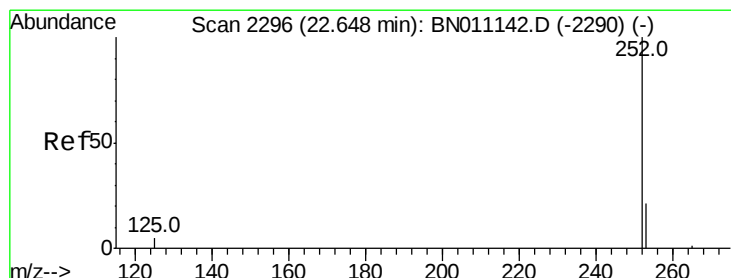
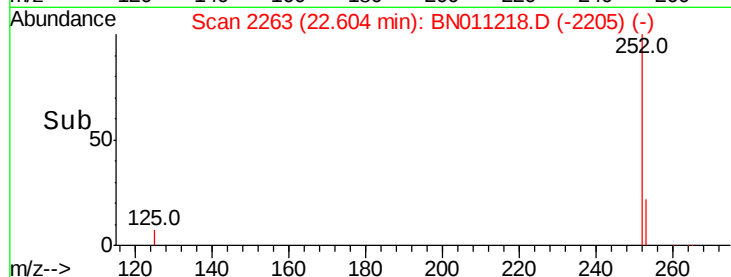
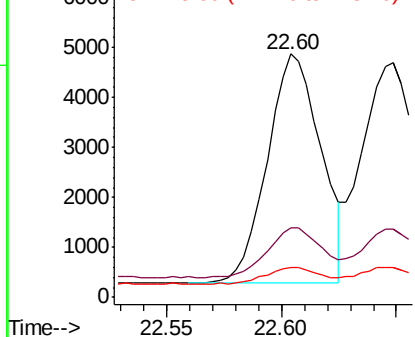
#37
Benzo(b)fluoranthene
Concen: 0.369 ng
RT: 22.60 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BN011218.D
Acq: 21 Jul 2020 13:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:252 Resp: 7444
Ion Ratio Lower Upper
252 100
253 28.7 22.6 34.0
125 12.1 9.6 14.4

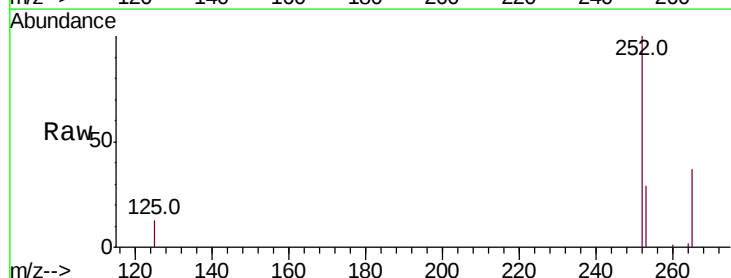


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

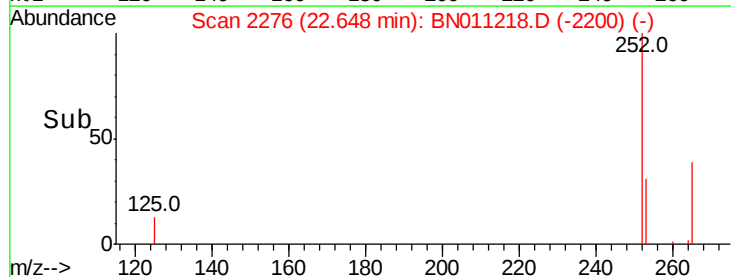
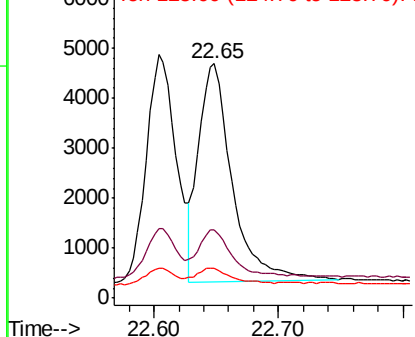


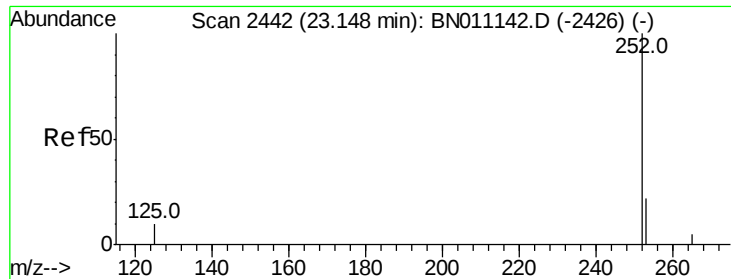
#38
Benzo(k)fluoranthene
Concen: 0.358 ng
RT: 22.65 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BN011218.D
Acq: 21 Jul 2020 13:55

Tgt Ion:252 Resp: 8177
Ion Ratio Lower Upper
252 100
253 28.9 22.2 33.4
125 12.6 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: 0.349 ng

RT: 23.14 min Scan# 2421

Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

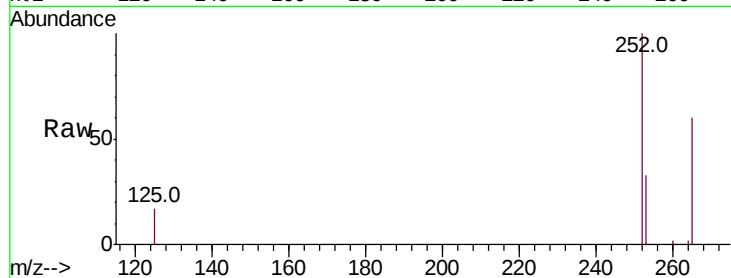
Tot Ion:252 Resp: 6341

Ion Ratio Lower Upper

252 100

253 33.2 25.8 38.6

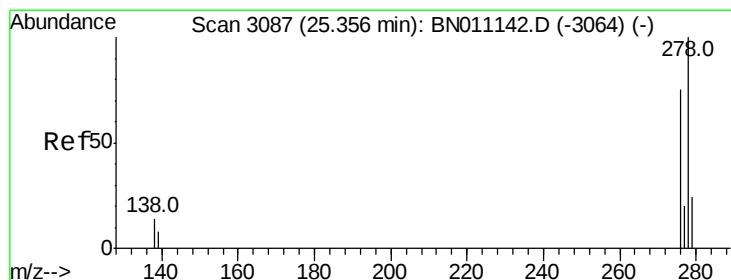
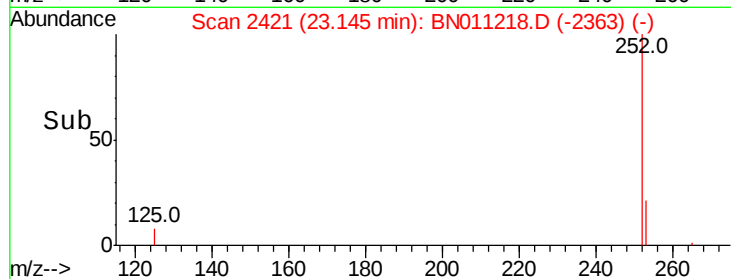
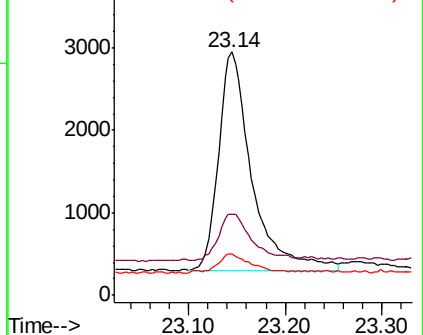
125 16.9 13.4 20.0



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: 0.313 ng

RT: 25.34 min Scan# 3063

Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

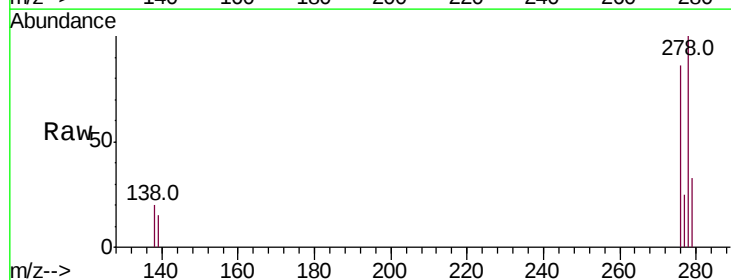
Tgt Ion:278 Resp: 6031

Ion Ratio Lower Upper

278 100

139 14.9 11.7 17.5

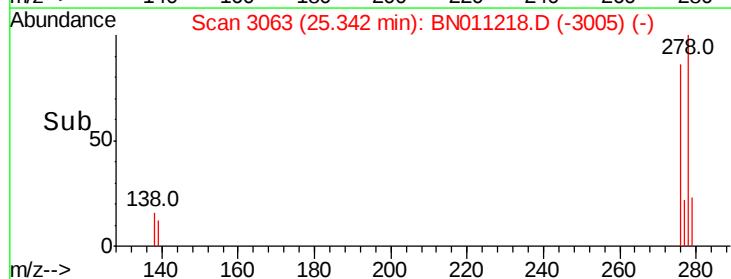
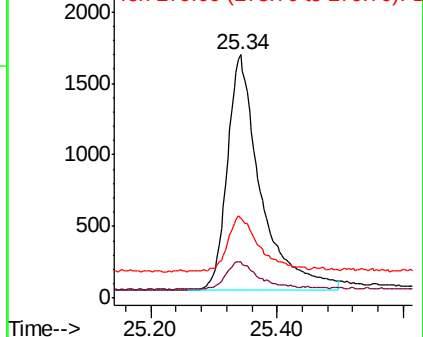
279 32.9 25.0 37.6

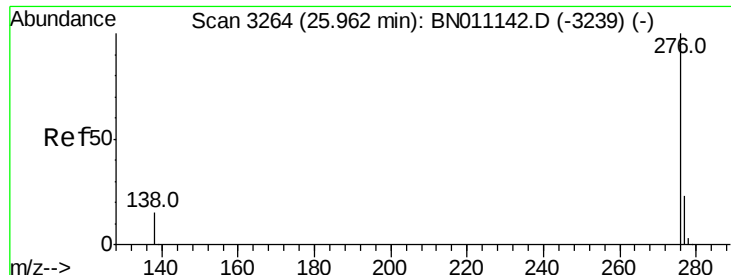


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.345 ng

RT: 25.95 min Scan# 3240

Delta R.T. 0.00 min

Lab File: BN011218.D

Acq: 21 Jul 2020 13:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

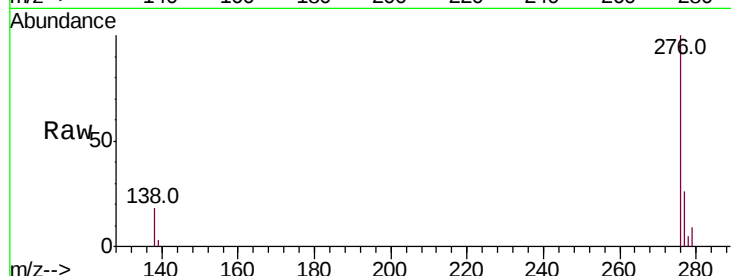
Tot Ion:276 Resp: 7294

Ion Ratio Lower Upper

276 100

277 26.5 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

