

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072320\
 Data File : BN011224.D
 Acq On : 22 Jul 2020 18:57
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jul 23 03:55:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 22 19:29:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	1443	0.40	ng	0.00
7) Naphthalene-d8	10.24	136	5255	0.40	ng	0.00
13) Acenaphthene-d10	14.12	164	3247	0.40	ng	0.00
19) Phenanthrene-d10	16.87	188	7318	0.40	ng	0.00
29) Chrysene-d12	21.09	240	5774	0.40	ng	-0.01
36) Perylene-d12	23.22	264	5304	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.15	112	1303	0.37	ng	0.00
5) Phenol-d6	6.69	99	1694	0.42	ng	0.00
8) Nitrobenzene-d5	8.64	82	1729	0.37	ng	0.01
11) 2-Methylnaphthalene-d10	11.84	152	3708	0.43	ng	0.00
14) 2,4,6-Tribromophenol	15.63	330	544	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.73	172	5386	0.35	ng	0.00
27) Fluoranthene-d10	18.91	212	8629	0.37	ng	0.00
31) Terphenyl-d14	19.53	244	6712	0.45	ng	0.00

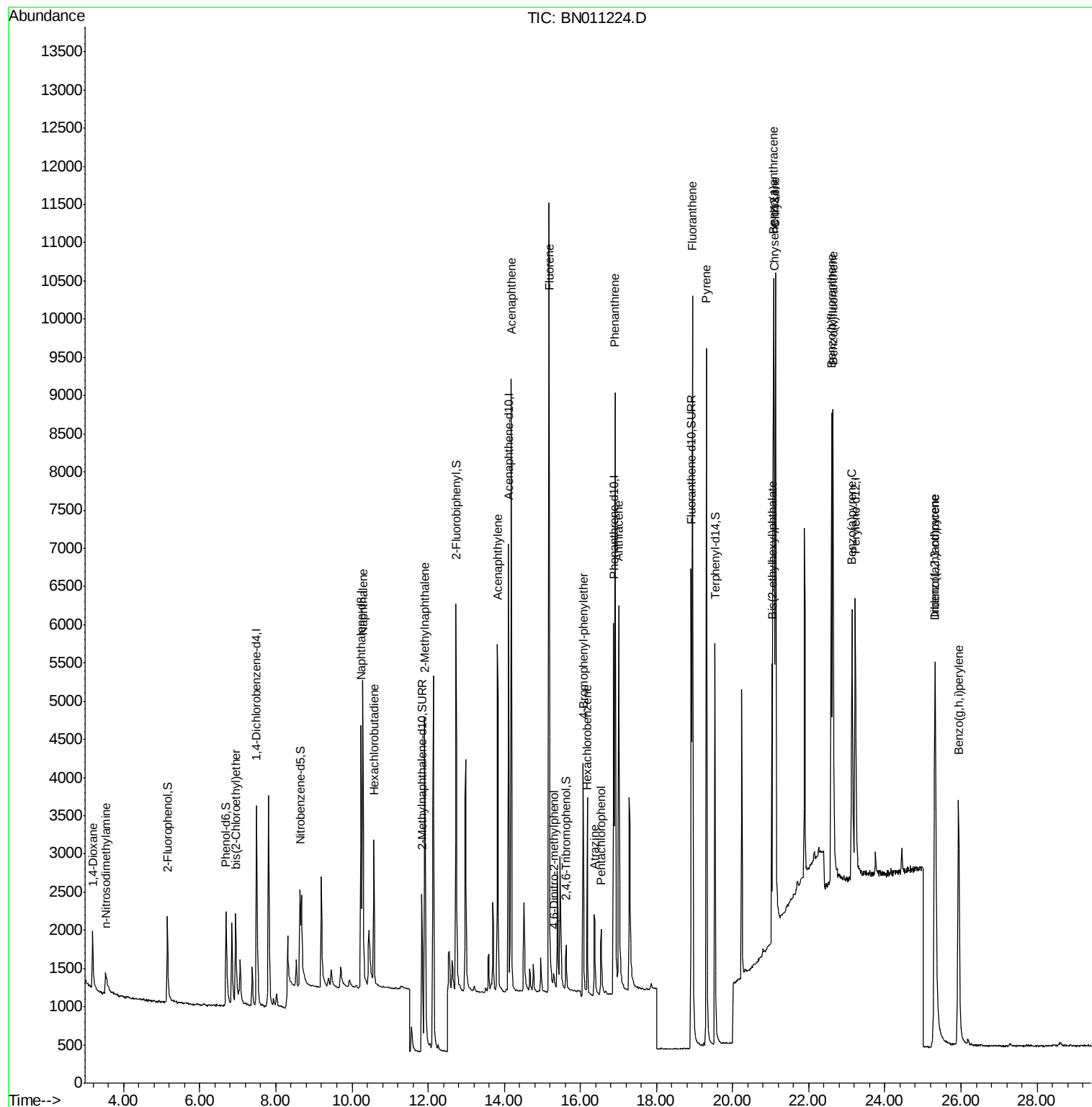
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.19	88	711	0.345	ng	94
3) n-Nitrosodimethylamine	3.53	42	379	0.365	ng	# 90
6) bis(2-Chloroethyl)ether	6.94	93	1358	0.369	ng	98
9) Naphthalene	10.29	128	5896	0.377	ng	99
10) Hexachlorobutadiene	10.58	225	1465	0.378	ng	# 99
12) 2-Methylnaphthalene	11.91	142	3993	0.406	ng	98
16) Acenaphthylene	13.82	152	5948	0.360	ng	100
17) Acenaphthene	14.18	154	4027	0.365	ng	97
18) Fluorene	15.18	166	5316	0.376	ng	99
20) 4,6-Dinitro-2-methylphenol	15.30	198	329	0.374	ng	96
21) 4-Bromophenyl-phenylether	16.08	248	1797	0.361	ng	98
22) Hexachlorobenzene	16.19	284	1969	0.340	ng	96
23) Atrazine	16.36	200	1354	0.388	ng	95
24) Pentachlorophenol	16.54	266	604	0.352	ng	92
25) Phenanthrene	16.91	178	8794	0.374	ng	99
26) Anthracene	17.00	178	7035	0.360	ng	100
28) Fluoranthene	18.94	202	10209	0.362	ng	99
30) Pvrene	19.31	202	10111	0.459	ng	100
32) Benzo(a)anthracene	21.08	228	7015	0.375	ng	97
33) Chrysene	21.12	228	9134	0.399	ng	99
34) Bis(2-ethylhexyl)phthalate	21.04	149	3712	0.482	ng	97
35) Indeno(1,2,3-cd)pyrene	25.31	276	8413	0.347	ng	100
37) Benzo(b)fluoranthene	22.60	252	7612	0.357	ng	99
38) Benzo(k)fluoranthene	22.64	252	9389	0.390	ng	98
39) Benzo(a)pyrene	23.13	252	6668	0.348	ng	98
40) Dibenzo(a,h)anthracene	25.33	278	6354	0.313	ng	99
41) Benzo(g,h,i)perylene	25.94	276	7350	0.329	ng	99

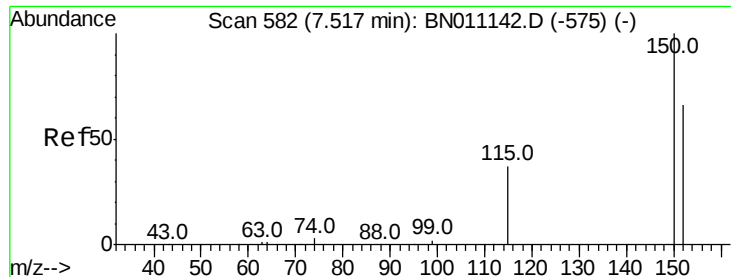
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072320\
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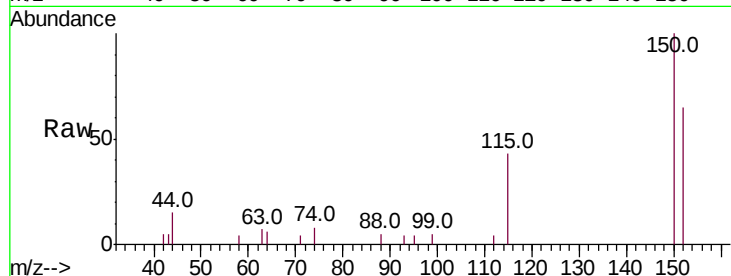


#1

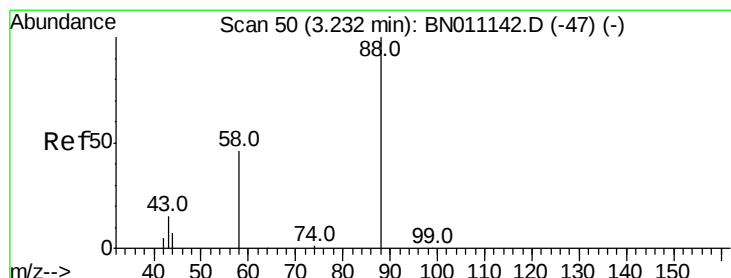
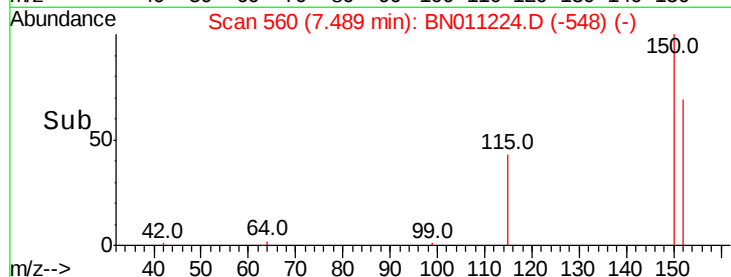
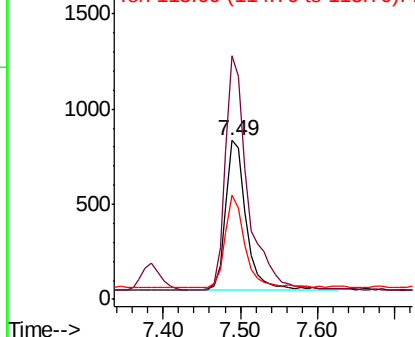
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.49 min Scan# 560
Delta R.T. 0.00 min
Lab File: BN011224.D
Acq: 22 Jul 2020 18:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 1443
Ion Ratio Lower Upper
152 100
150 153.5 119.4 179.0
115 65.7 48.3 72.5



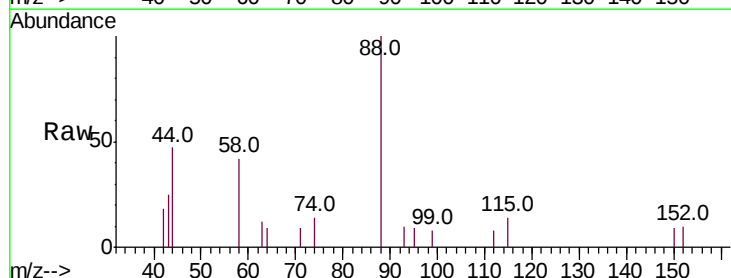
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



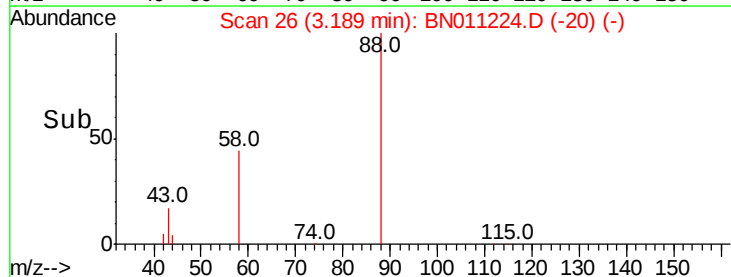
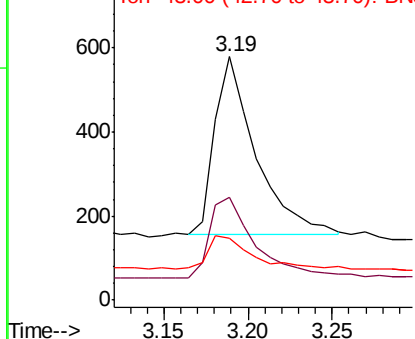
#2

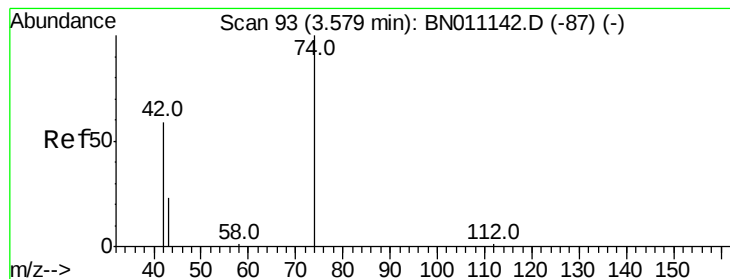
1,4-Dioxane
Concen: 0.345 ng
RT: 3.19 min Scan# 26
Delta R.T. 0.00 min
Lab File: BN011224.D
Acq: 22 Jul 2020 18:57

Tgt Ion: 88 Resp: 711
Ion Ratio Lower Upper
88 100
58 49.6 36.5 54.7
43 20.0 14.3 21.5



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC



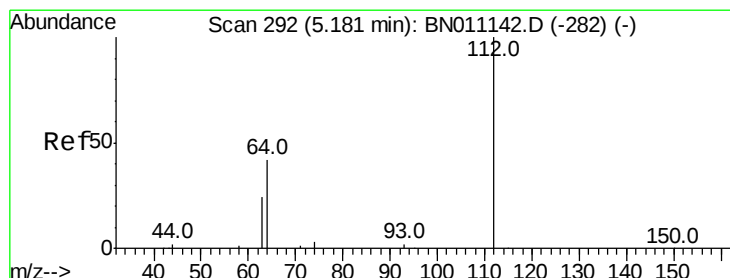
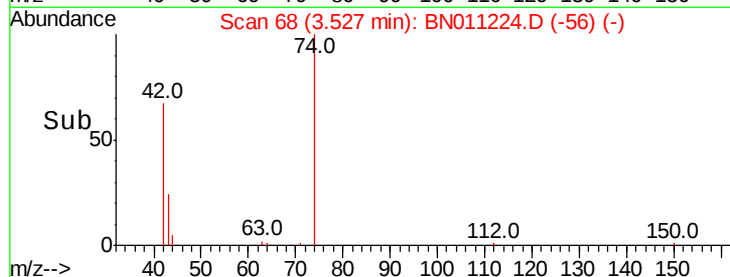
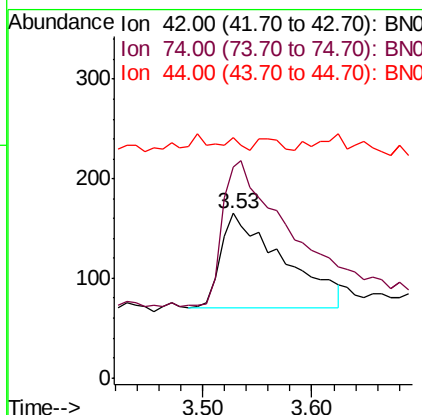
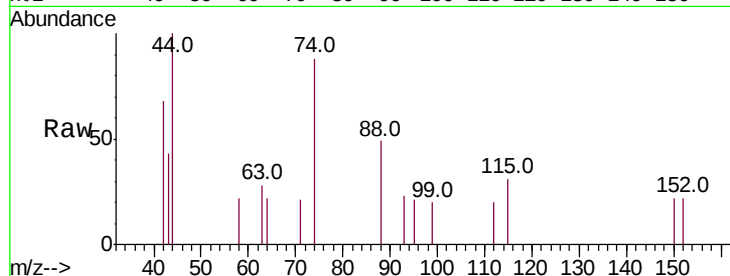


#3

n-Nitrosodimethylamine
 Concen: 0.365 ng
 RT: 3.53 min Scan# 68
 Delta R.T. 0.00 min
 Lab File: BN011224.D
 Acq: 22 Jul 2020 18:57

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

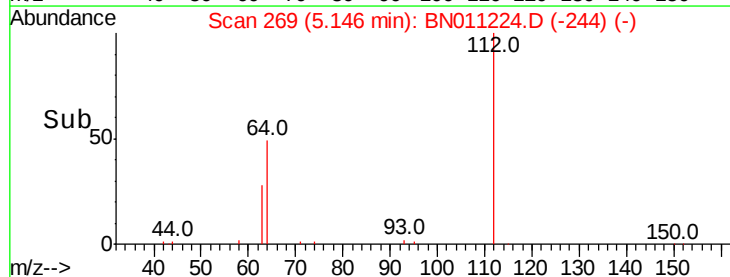
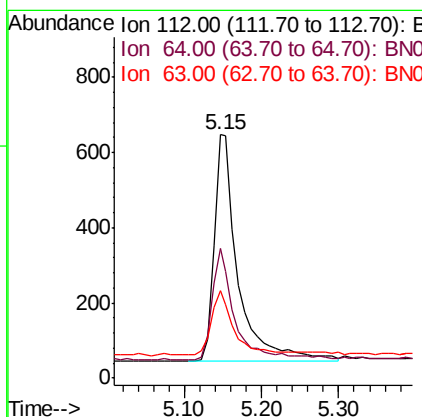
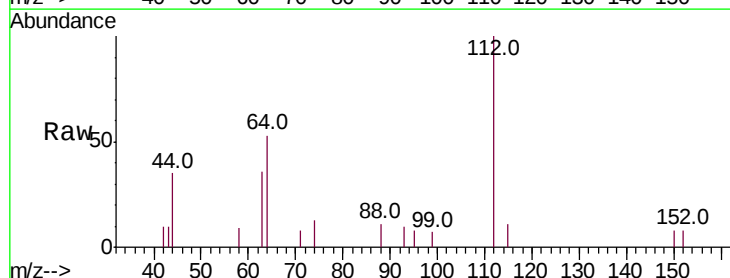
Tot Ion: 42 Resp: 379
 Ion Ratio Lower Upper
 42 100
 74 162.5 140.9 211.3
 44 2.4 7.6 11.4#

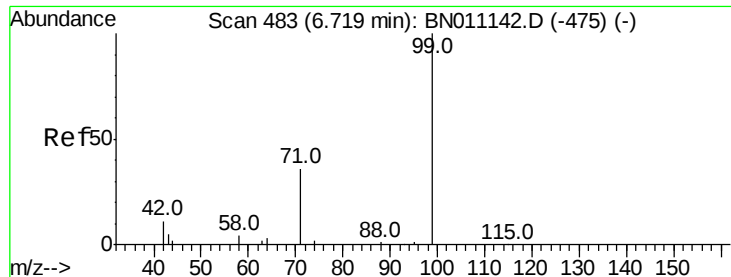


#4

2-Fluorophenol
 Concen: 0.366 ng
 RT: 5.15 min Scan# 269
 Delta R.T. 0.00 min
 Lab File: BN011224.D
 Acq: 22 Jul 2020 18:57

Tgt Ion: 112 Resp: 1303
 Ion Ratio Lower Upper
 112 100
 64 46.4 36.7 55.1
 63 25.9 20.4 30.6





#5

Phenol-d6

Concen: 0.421 ng

RT: 6.69 min Scan# 461

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

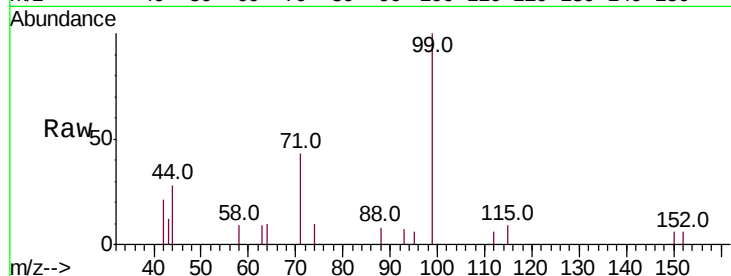
Tot Ion: 99 Resp: 1694

Ion Ratio Lower Upper

99 100

42 14.2 10.8 16.2

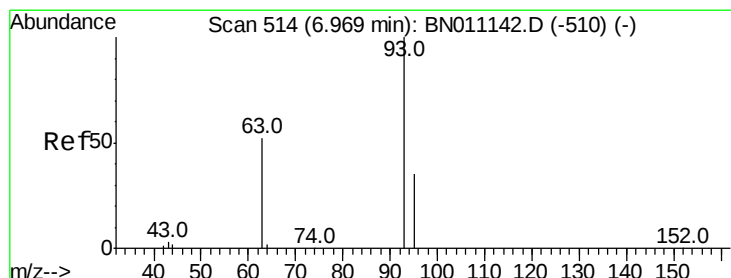
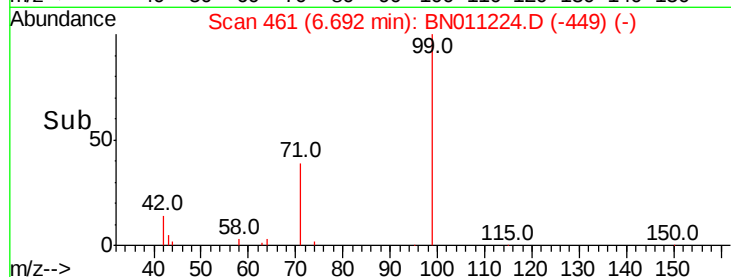
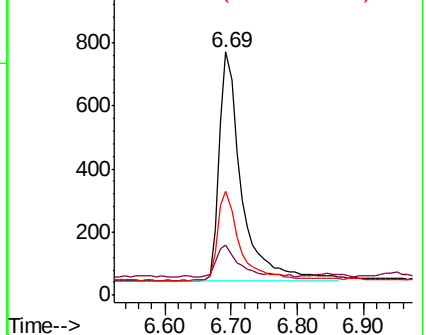
71 38.7 31.3 46.9



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

bis(2-Chloroethyl)ether

Concen: 0.369 ng

RT: 6.94 min Scan# 492

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

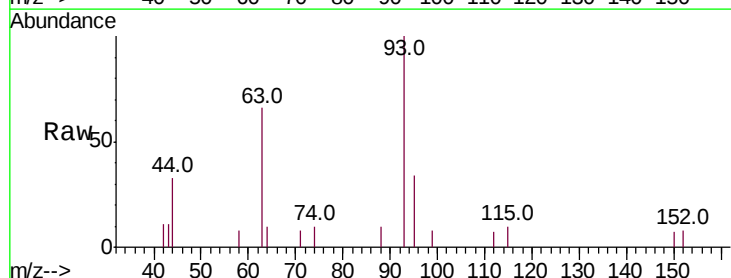
Tgt Ion: 93 Resp: 1358

Ion Ratio Lower Upper

93 100

63 59.5 47.4 71.0

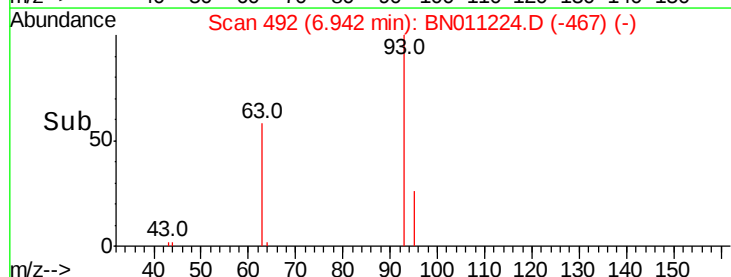
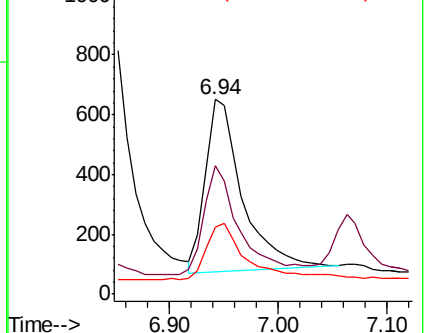
95 37.5 28.1 42.1

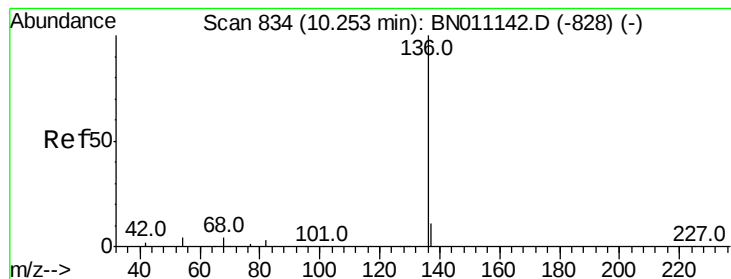


Abundance Ion 93.00 (92.70 to 93.70): BN011142.D (-510) (-)

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

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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.24 min Scan# 814

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 5255

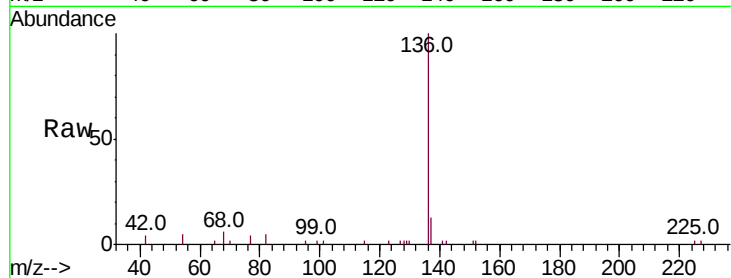
Ion Ratio Lower Upper

136 100

137 12.5 10.3 15.5

54 5.2 4.9 7.3

68 5.9 4.9 7.3

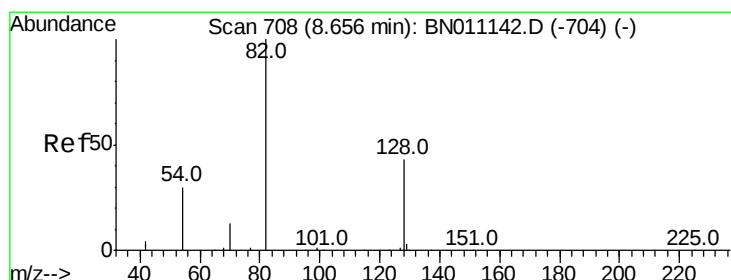
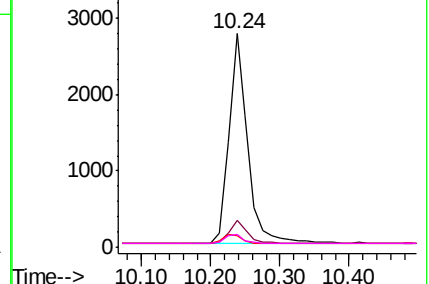
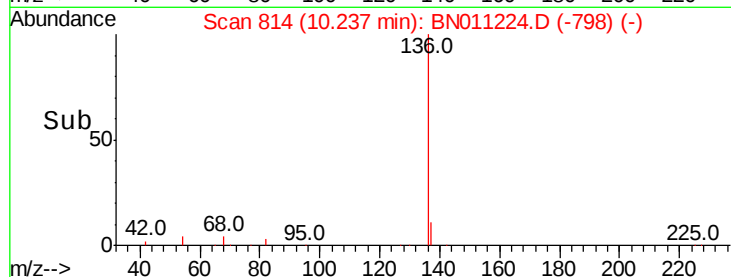


Abundance Ion 136.00 (135.70 to 136.70): E

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: 8.64 min Scan# 688

Delta R.T. 0.01 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

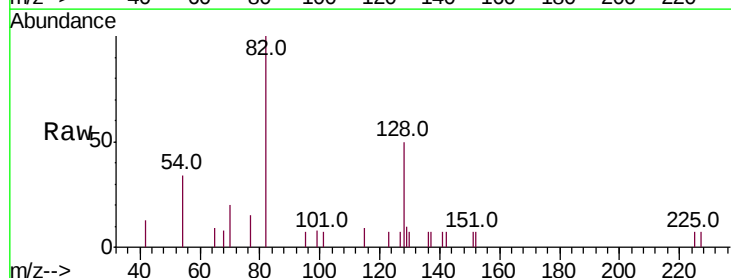
Tgt Ion: 82 Resp: 1729

Ion Ratio Lower Upper

82 100

128 49.6 38.1 57.1

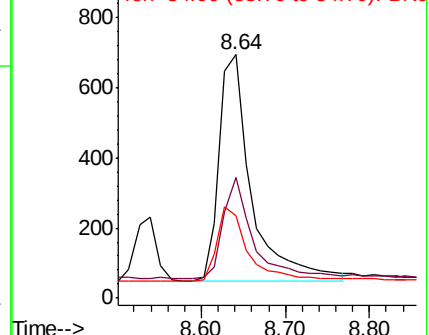
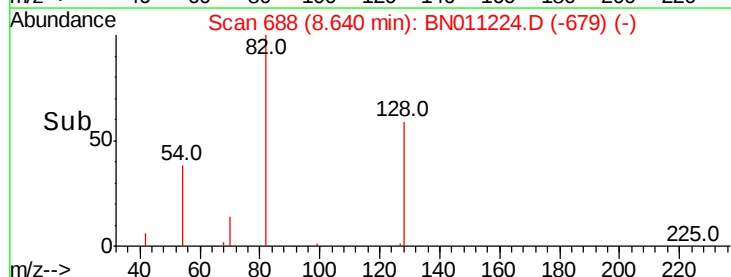
54 33.8 27.1 40.7

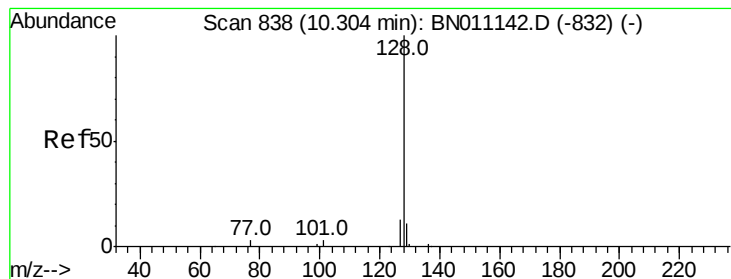


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.377 ng

RT: 10.29 min Scan# 818

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

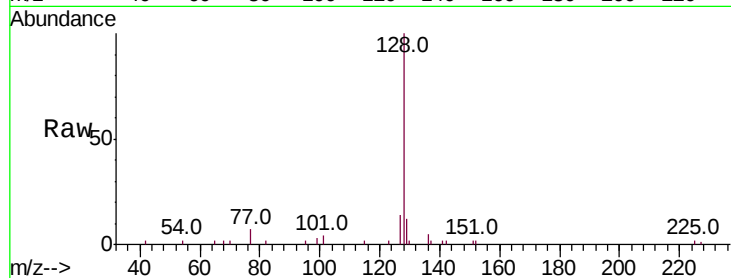
Tot Ion:128 Resp: 5896

Ion Ratio Lower Upper

128 100

129 12.3 9.8 14.6

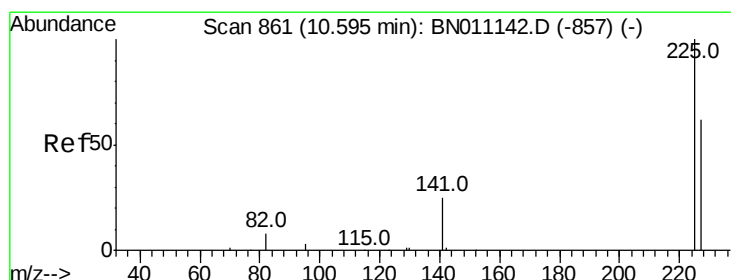
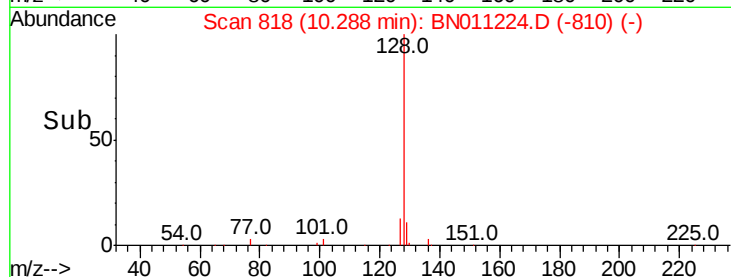
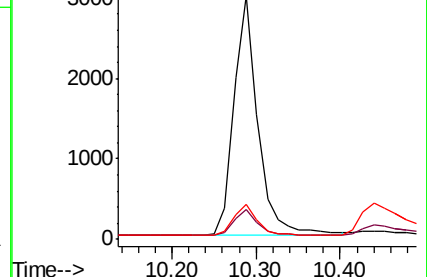
127 14.2 11.8 17.6



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: 0.378 ng

RT: 10.58 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

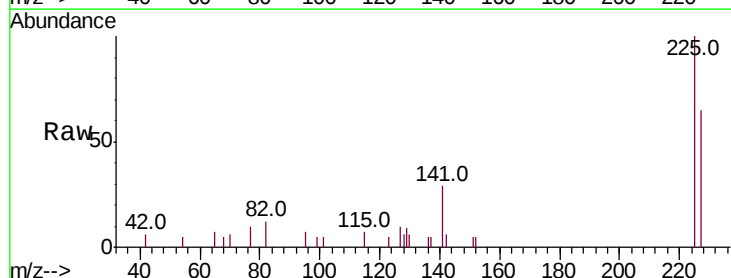
Tgt Ion:225 Resp: 1465

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

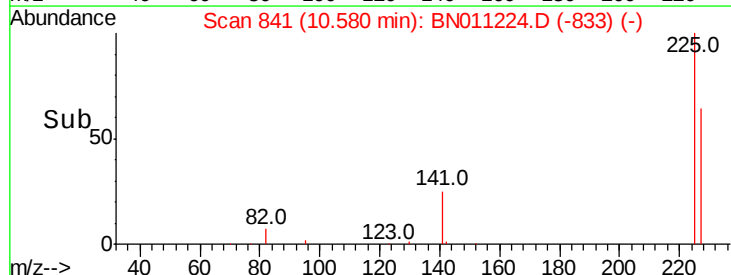
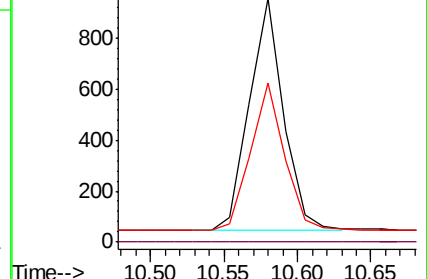
227 63.4 51.2 76.8

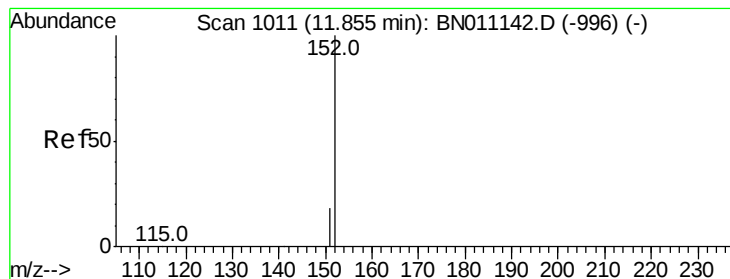


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.435 ng

RT: 11.84 min Scan# 987

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

BNA_N

ClientSampleId :

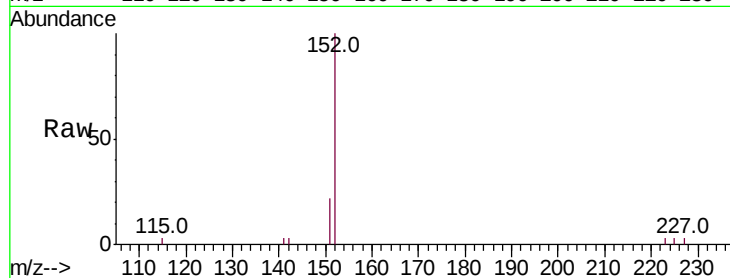
SSTDCCC0.4

Tot Ion:152 Resp: 3708

Ion Ratio Lower Upper

152 100

151 20.9 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

2000

1500

1000

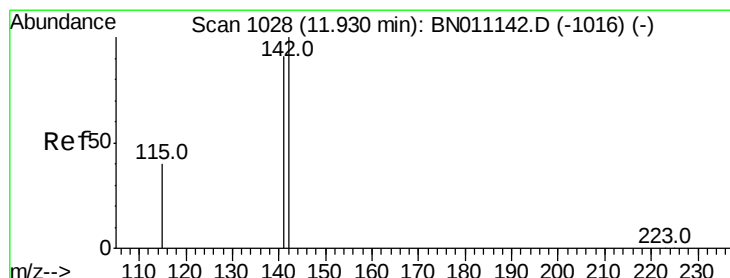
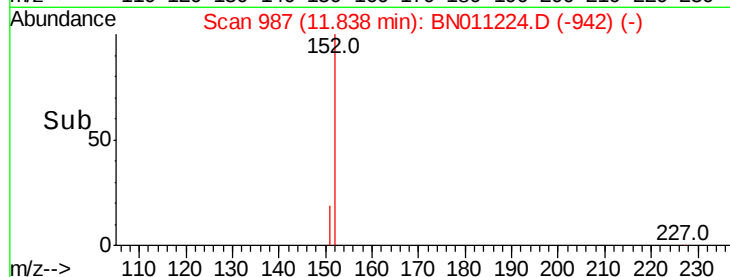
500

0

Time-->

11.80

12.00



#12

2-Methylnaphthalene

Concen: 0.406 ng

RT: 11.91 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

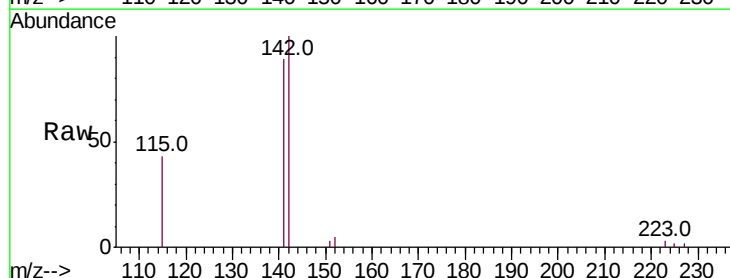
Tgt Ion:142 Resp: 3993

Ion Ratio Lower Upper

142 100

141 89.0 72.7 109.1

115 42.8 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

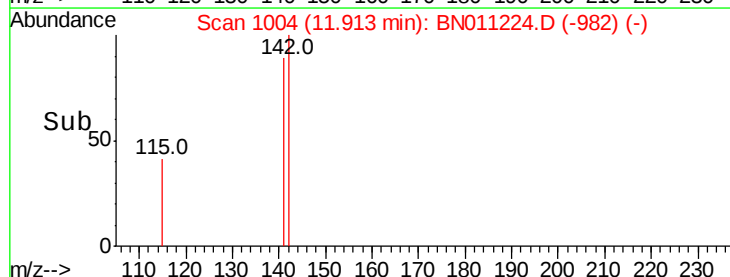
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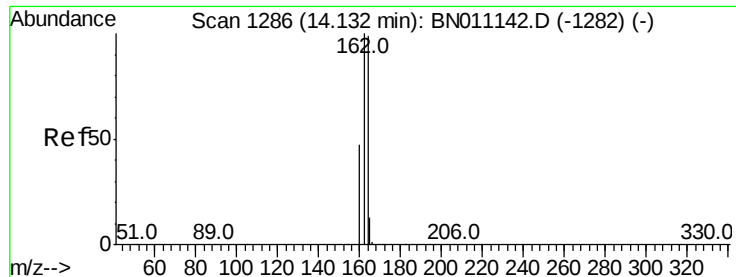
Time-->

11.80

11.90

12.00





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.12 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

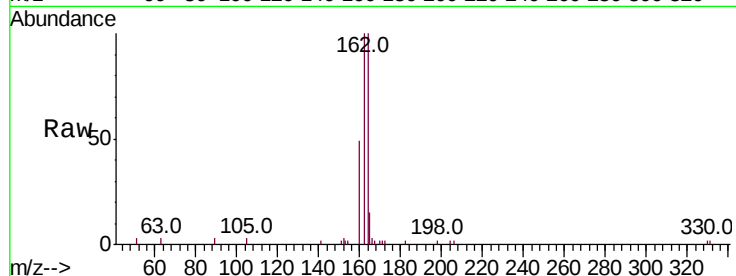
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:164 Resp: 3247

Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.0	121.4
160	49.5	39.0	58.6

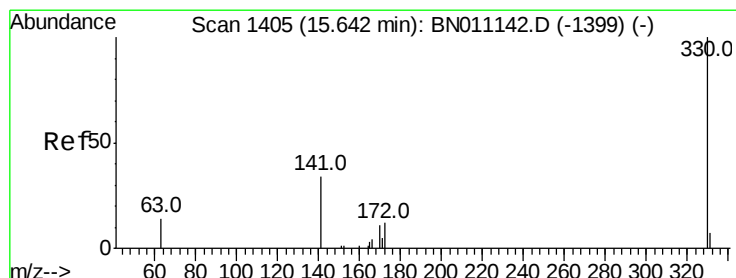
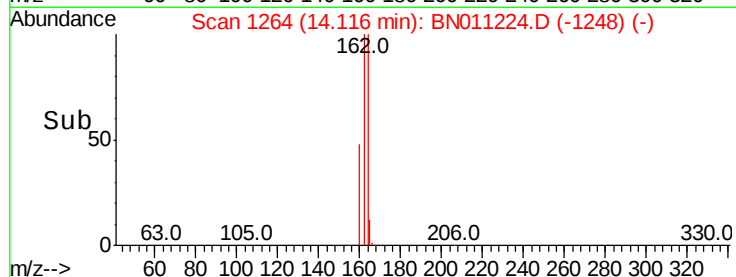
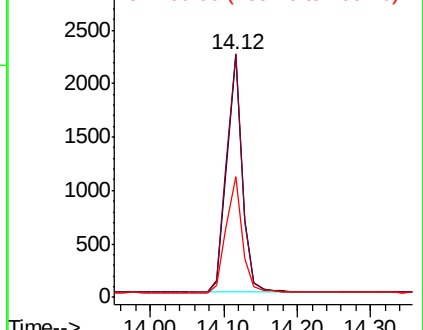


Abundance

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: 0.377 ng

RT: 15.63 min Scan# 1383

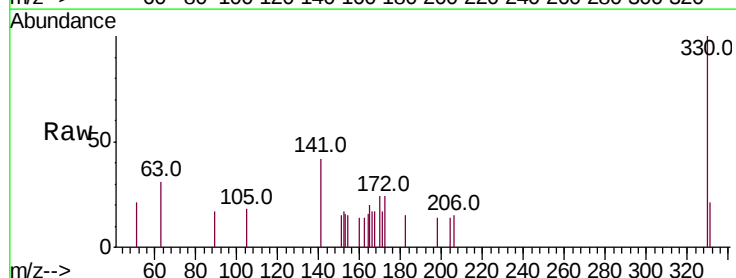
Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Tgt Ion:330 Resp: 544

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.8	31.5	47.3

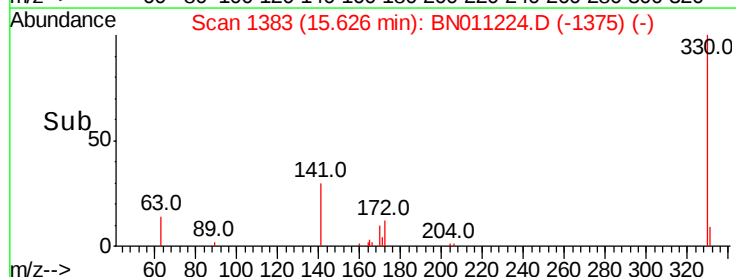
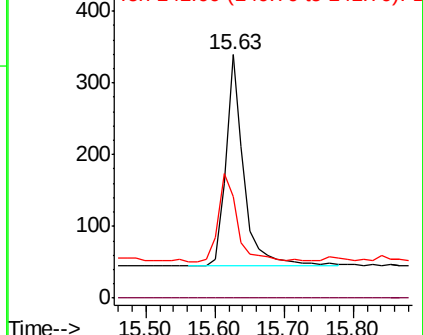


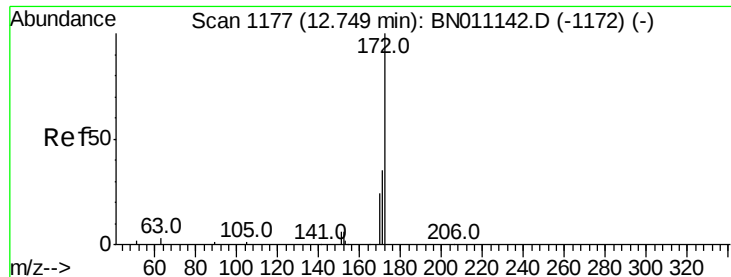
Abundance

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

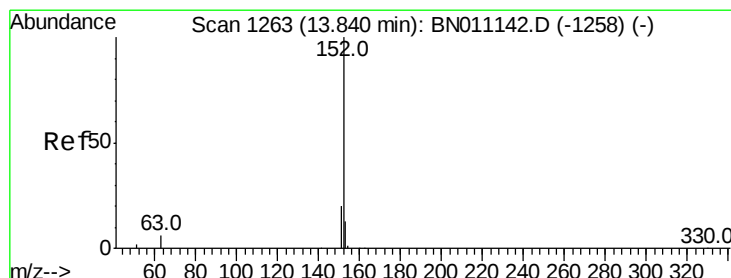
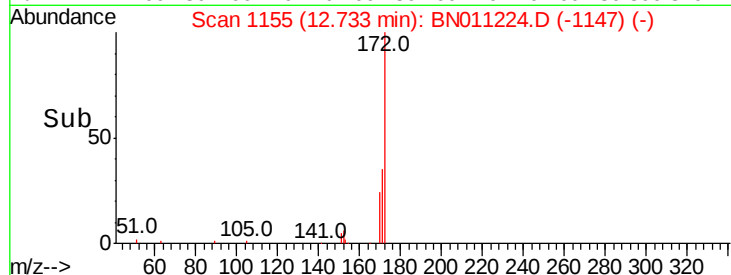
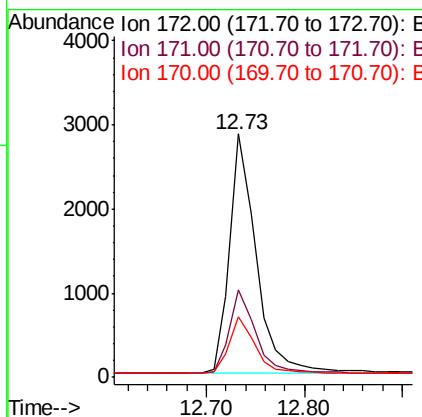
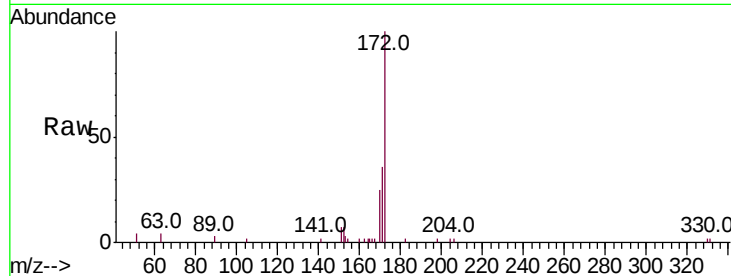




#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 12.73 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BN011224.D
Acq: 22 Jul 2020 18:57

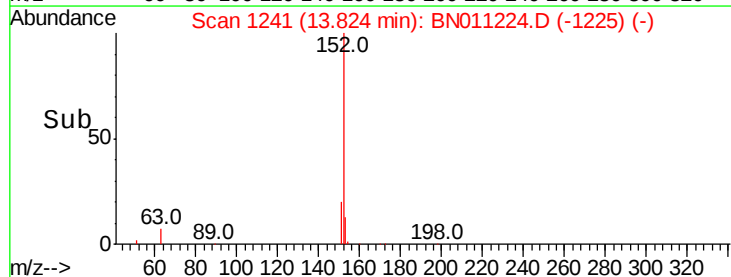
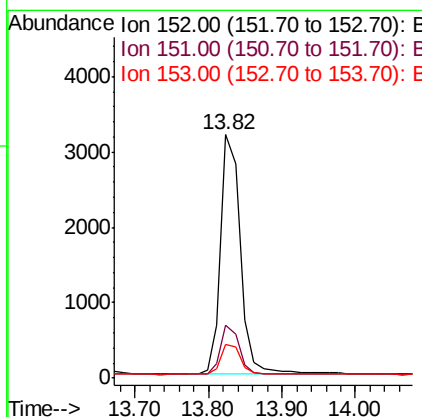
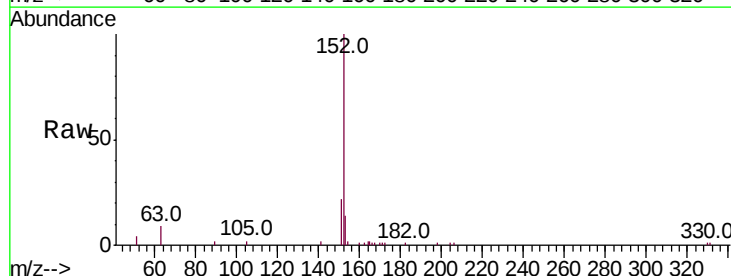
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

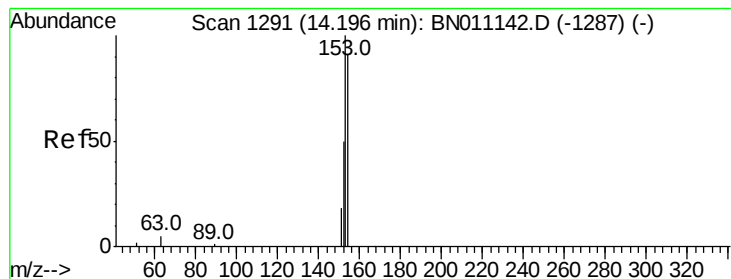
Tot Ion:172 Resp: 5386
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 24.9 20.3 30.5



#16
Acenaphthylene
Concen: 0.360 ng
RT: 13.82 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BN011224.D
Acq: 22 Jul 2020 18:57

Tgt Ion:152 Resp: 5948
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.3 10.6 15.8





#17

Acenaphthene

Concen: 0.365 ng

RT: 14.18 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

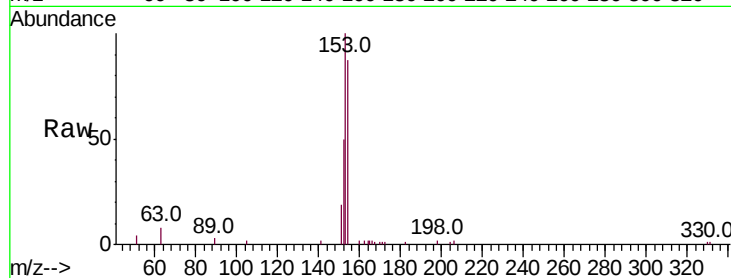
Tot Ion:154 Resp: 4027

Ion Ratio Lower Upper

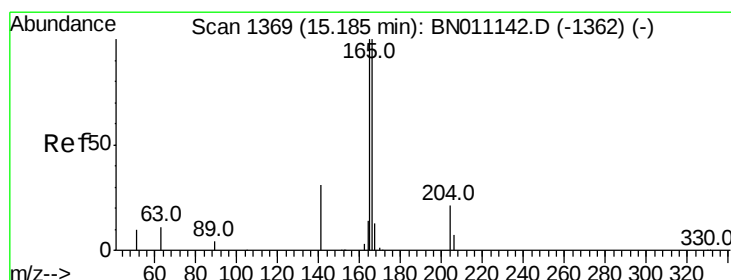
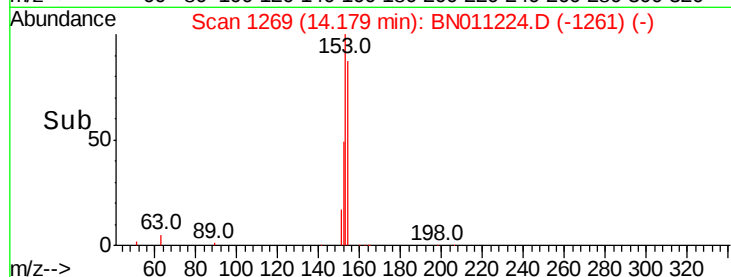
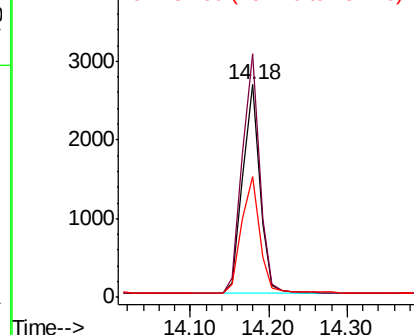
154 100

153 117.5 91.3 136.9

152 60.1 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: 0.376 ng

RT: 15.18 min Scan# 1348

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

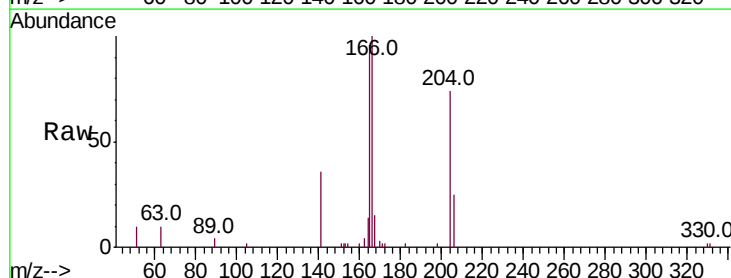
Tgt Ion:166 Resp: 5316

Ion Ratio Lower Upper

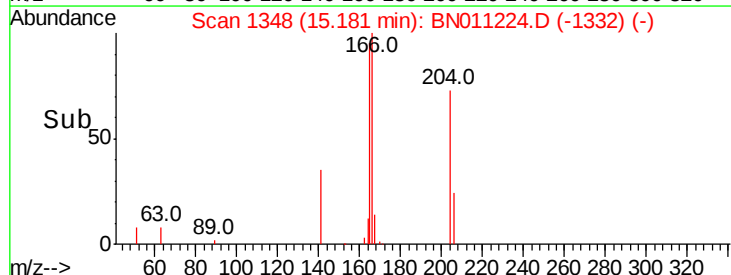
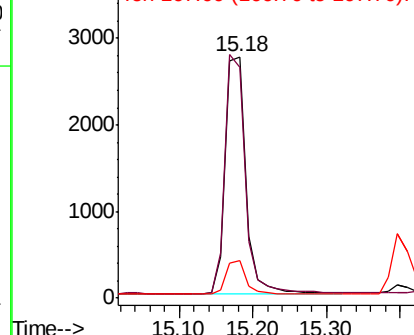
166 100

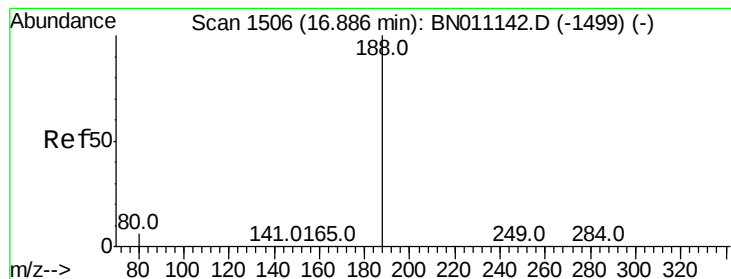
165 99.5 79.1 118.7

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: 16.87 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

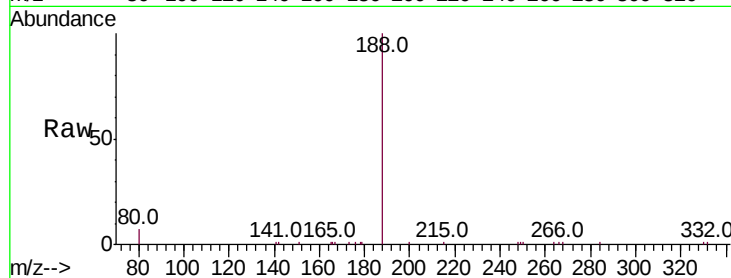
Tot Ion:188 Resp: 7318

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

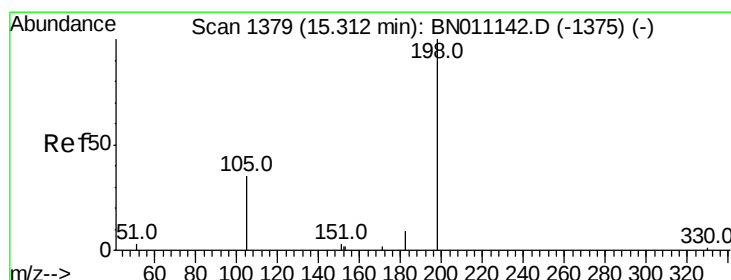
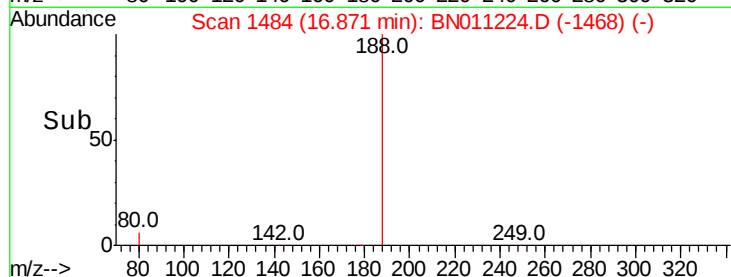
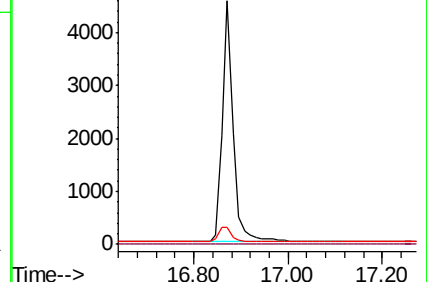
80 7.2 6.3 9.5



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: 0.374 ng

RT: 15.30 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

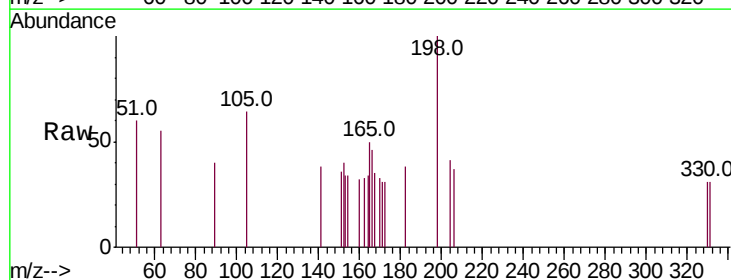
Tgt Ion:198 Resp: 329

Ion Ratio Lower Upper

198 100

51 60.1 53.1 79.7

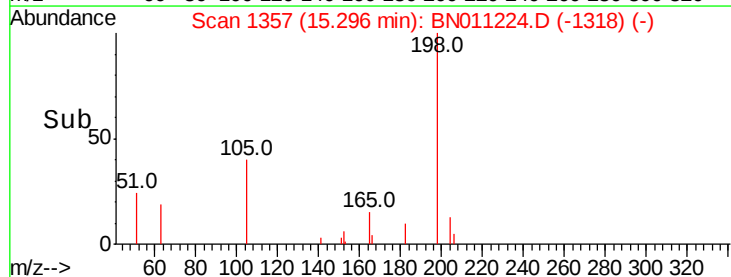
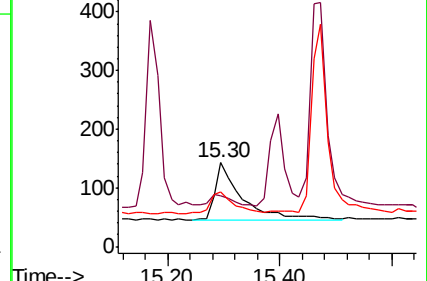
105 64.3 51.9 77.9

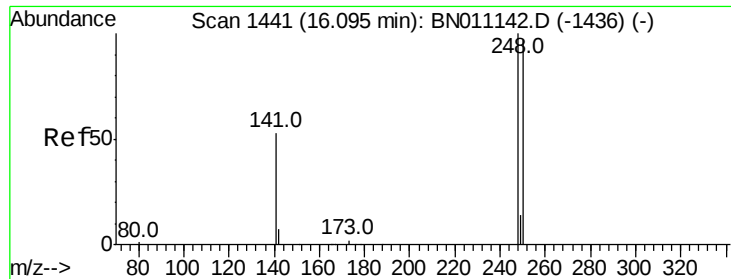


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

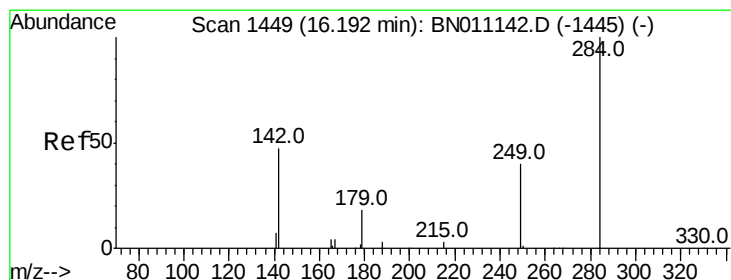
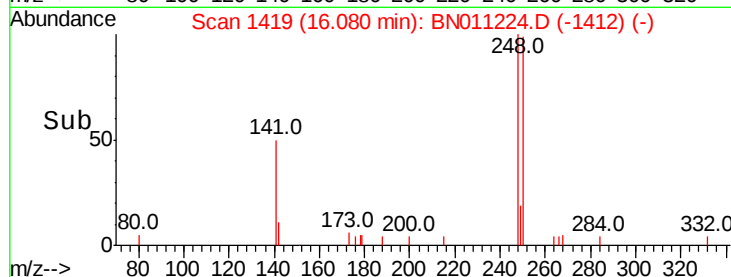
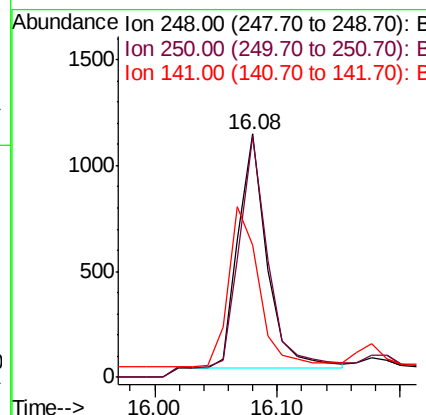
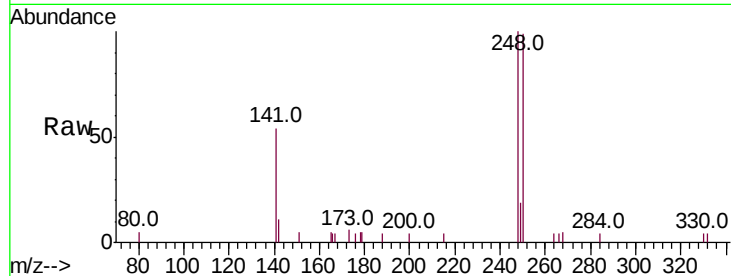




#21
4-Bromophenyl-phenylether
Concen: 0.361 ng
RT: 16.08 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BN011224.D
Acq: 22 Jul 2020 18:57

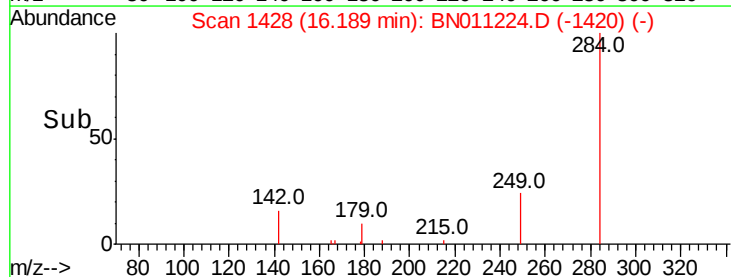
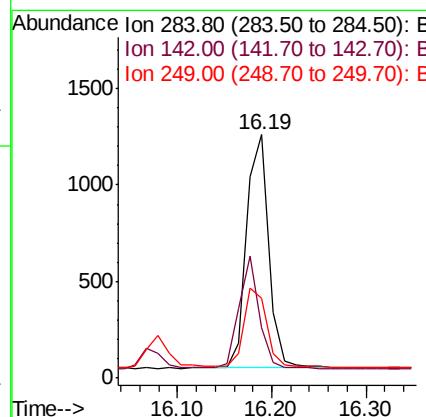
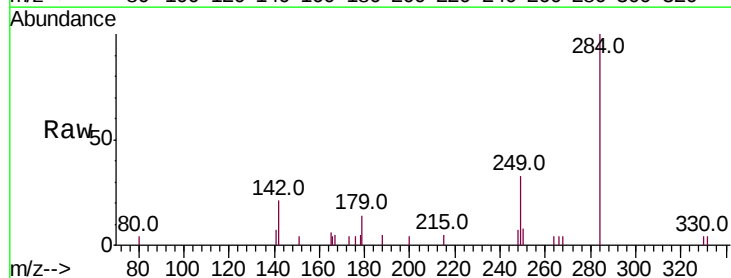
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

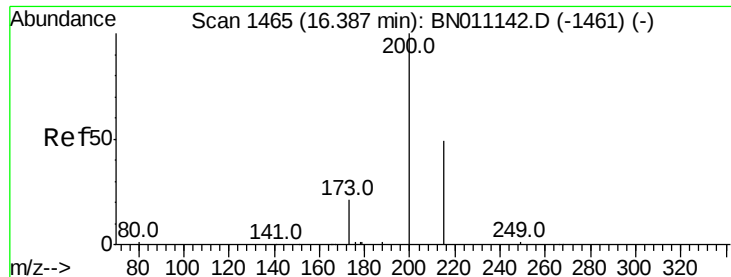
Tot Ion:248 Resp: 1797
Ion Ratio Lower Upper
248 100
250 99.0 78.4 117.6
141 54.5 45.1 67.7



#22
Hexachlorobenzene
Concen: 0.340 ng
RT: 16.19 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BN011224.D
Acq: 22 Jul 2020 18:57

Tgt Ion:284 Resp: 1969
Ion Ratio Lower Upper
284 100
142 44.6 32.6 48.8
249 34.7 28.4 42.6





#23

Atrazine

Concen: 0.388 ng

RT: 16.36 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

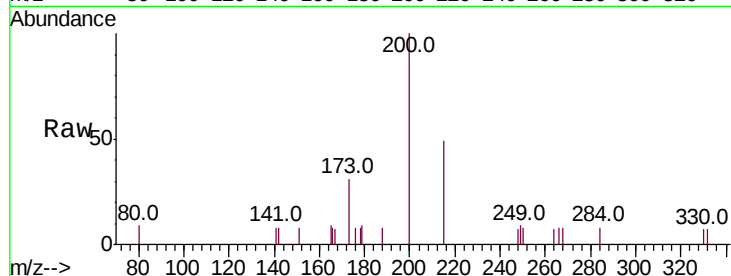
Tot Ion:200 Resp: 1354

Ion Ratio Lower Upper

200 100

173 31.0 23.0 34.4

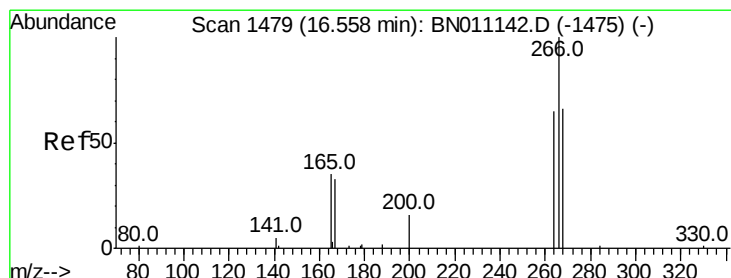
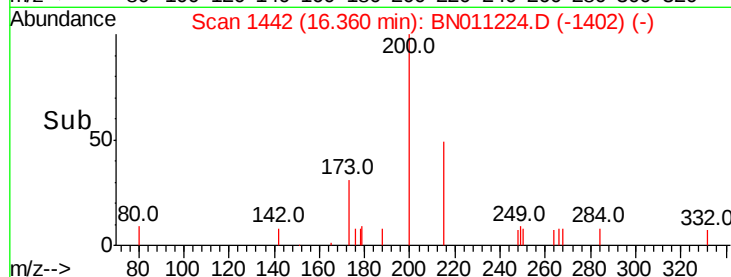
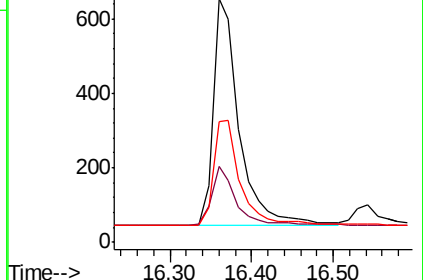
215 49.4 42.6 63.8



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: 0.352 ng

RT: 16.54 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

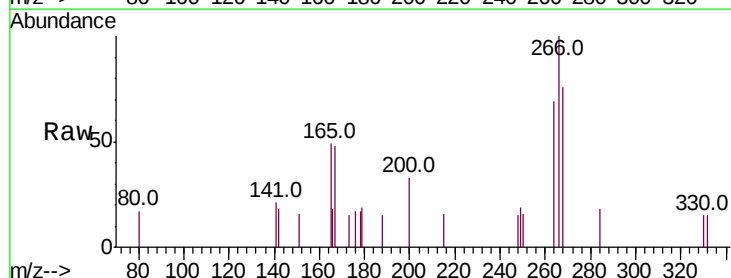
Tgt Ion:266 Resp: 604

Ion Ratio Lower Upper

266 100

264 60.1 52.5 78.7

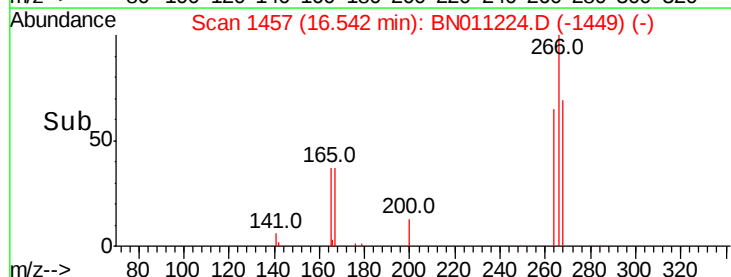
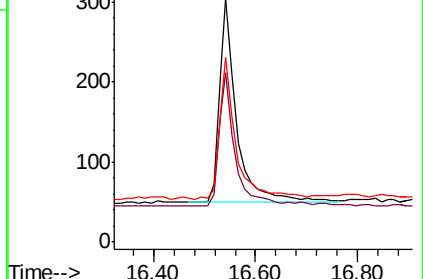
268 67.7 48.9 73.3

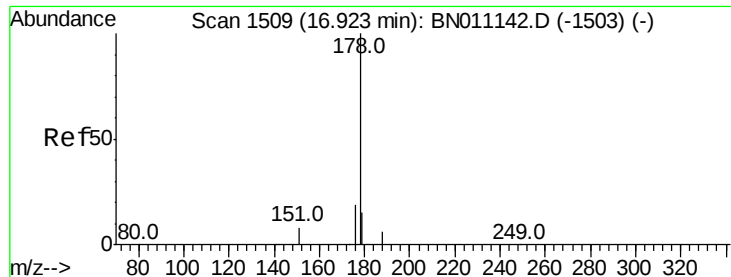


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.374 ng

RT: 16.91 min Scan# 1487

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

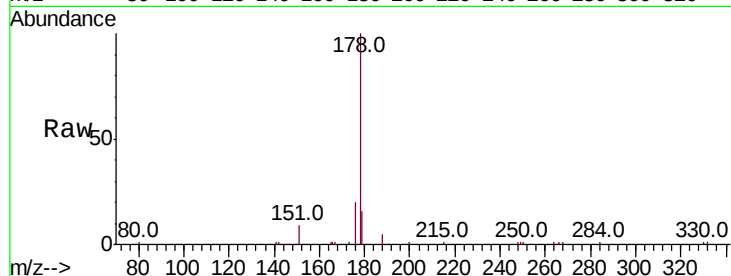
Tot Ion:178 Resp: 8794

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

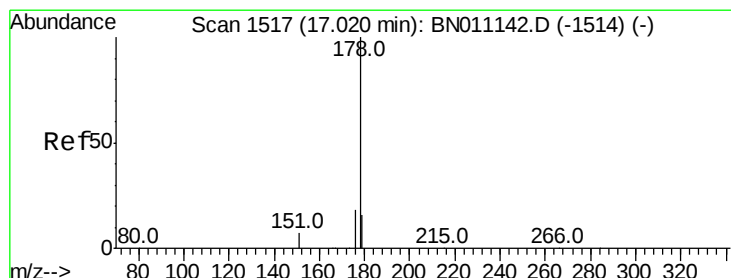
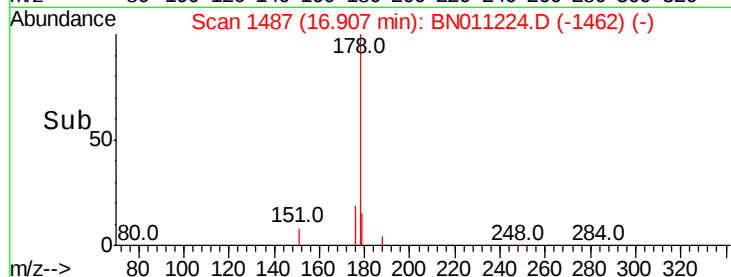
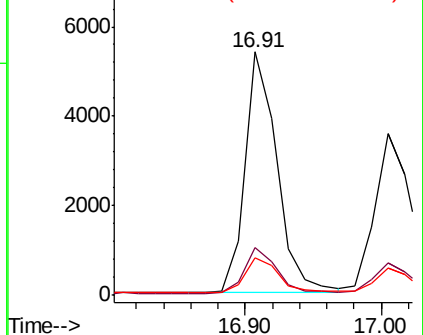
179 15.5 12.6 18.8



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: 0.360 ng

RT: 17.00 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

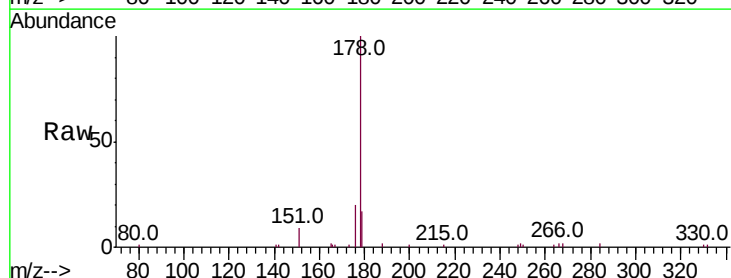
Tgt Ion:178 Resp: 7035

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

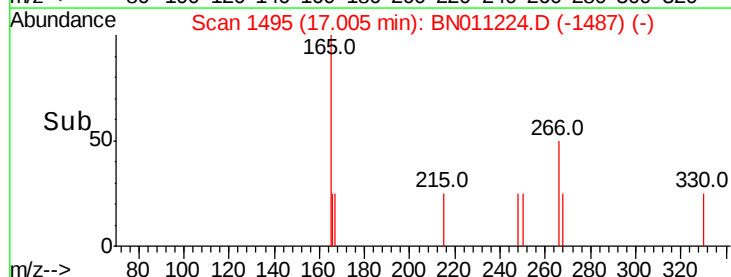
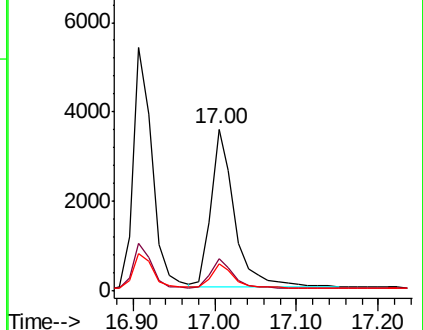
179 15.2 12.0 18.0

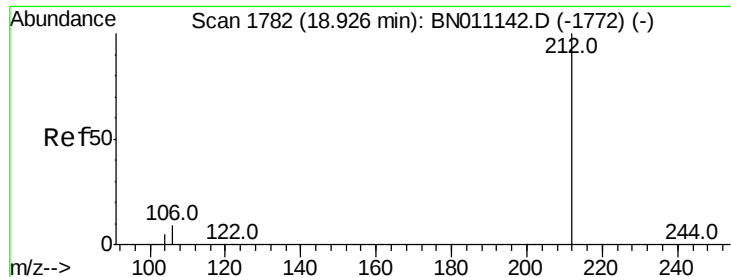


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 0.374 ng

RT: 18.91 min Scan# 1759

Delta R.T. -0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

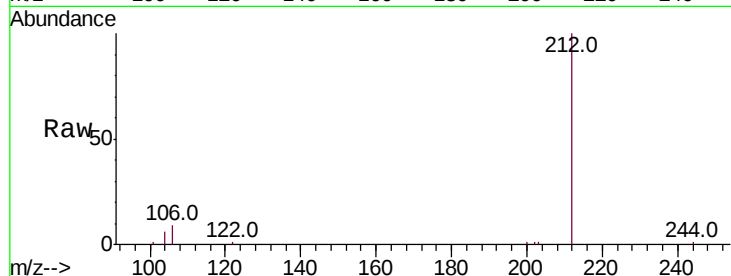
Tot Ion:212 Resp: 8629

Ion Ratio Lower Upper

212 100

106 8.5 7.0 10.6

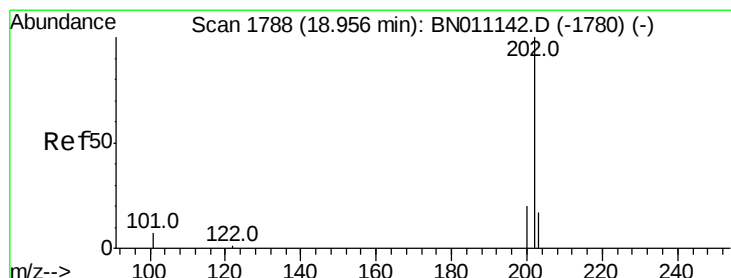
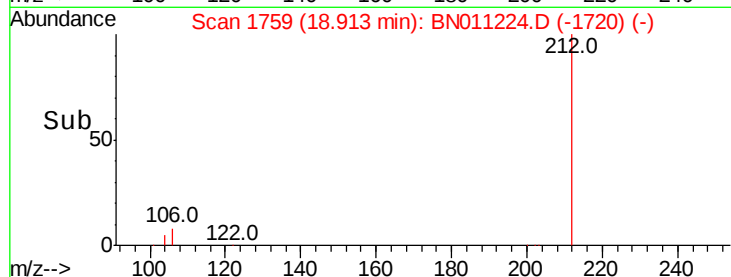
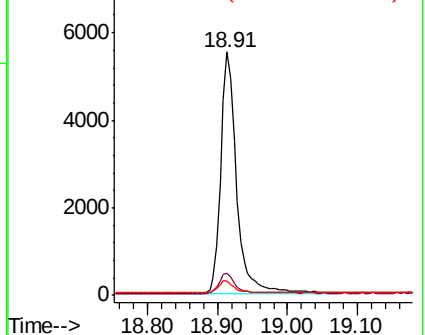
104 5.1 4.2 6.4



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: 0.362 ng

RT: 18.94 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

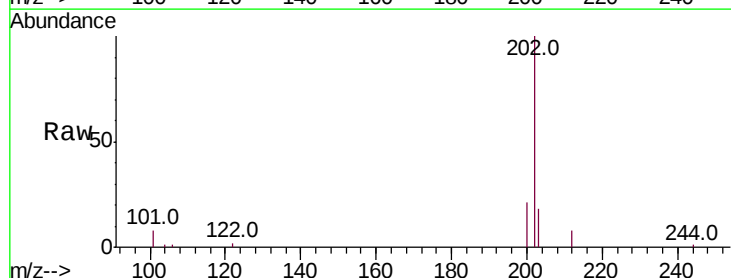
Tgt Ion:202 Resp: 10209

Ion Ratio Lower Upper

202 100

101 7.1 5.9 8.9

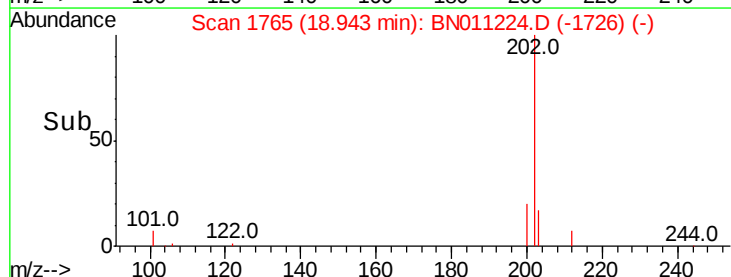
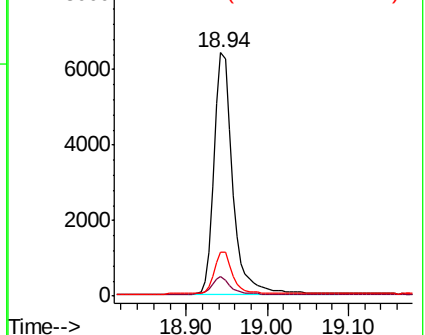
203 16.8 13.6 20.4

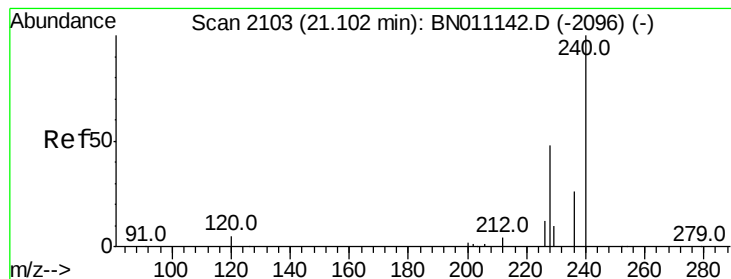


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.09 min Scan# 2081

Delta R.T. -0.01 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

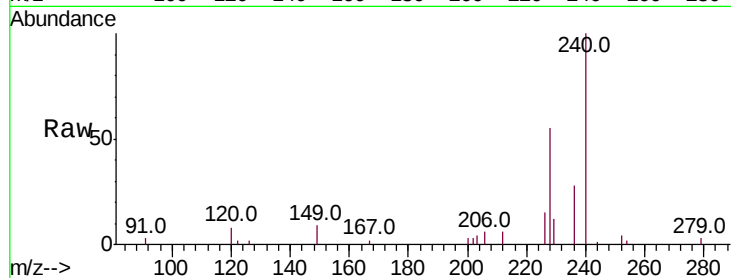
Tot Ion:240 Resp: 5774

Ion Ratio Lower Upper

240 100

120 8.1 6.5 9.7

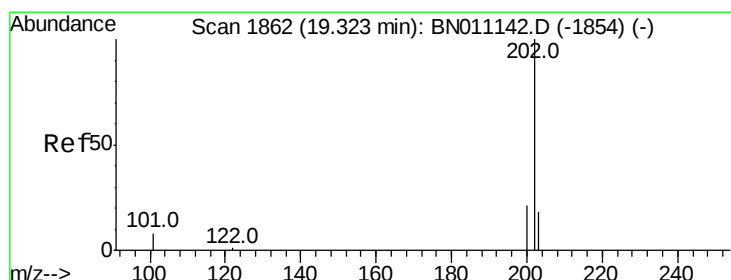
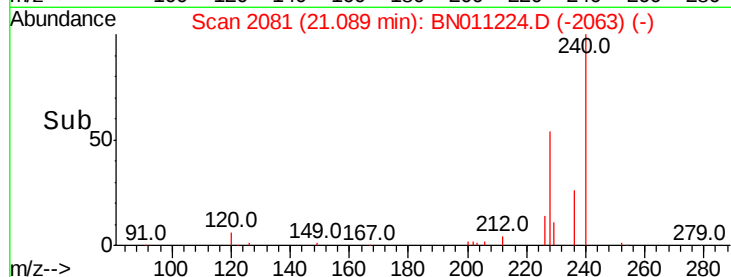
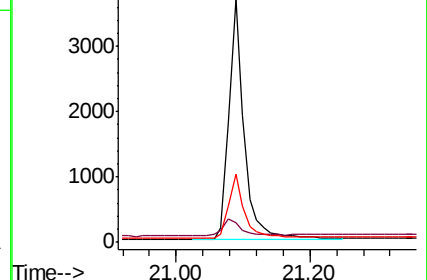
236 27.9 21.9 32.9



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: 0.459 ng

RT: 19.31 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

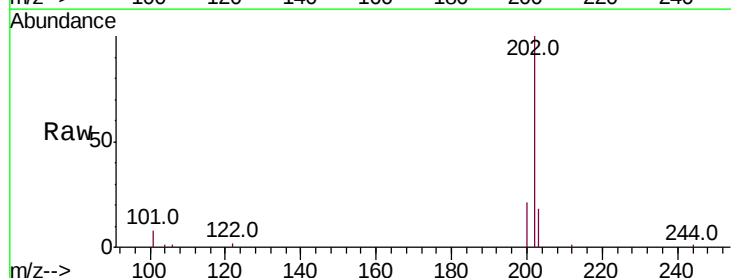
Tgt Ion:202 Resp: 10111

Ion Ratio Lower Upper

202 100

200 20.5 16.5 24.7

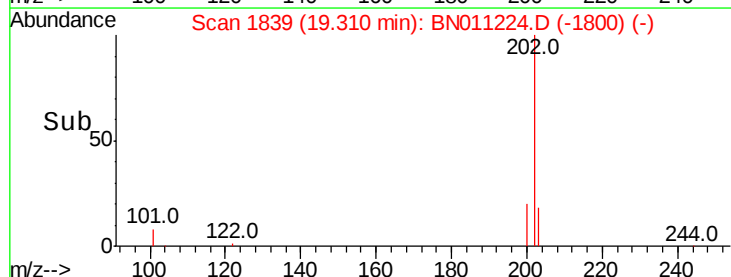
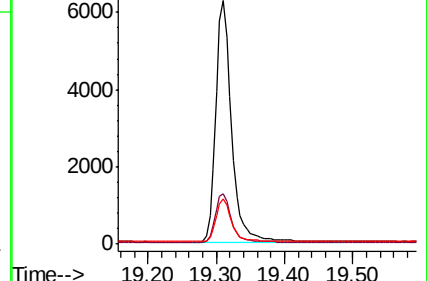
203 17.5 14.2 21.4

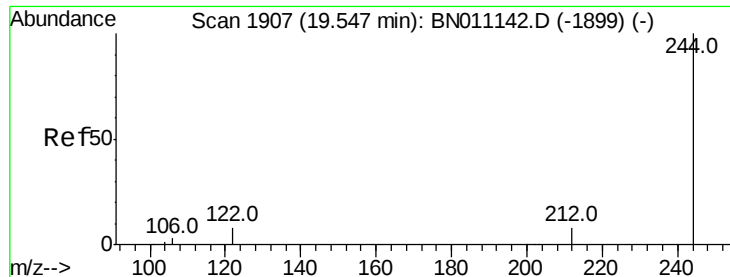


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.447 ng

RT: 19.53 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

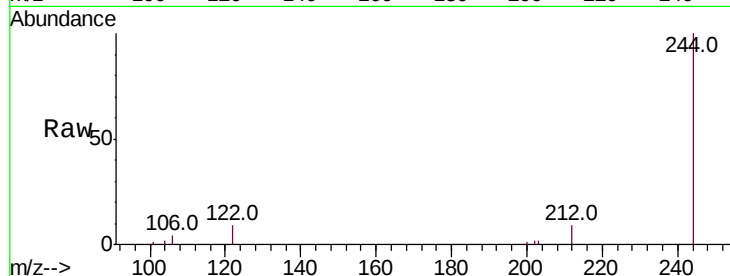
Tot Ion:244 Resp: 6712

Ion Ratio Lower Upper

244 100

212 9.5 7.8 11.6

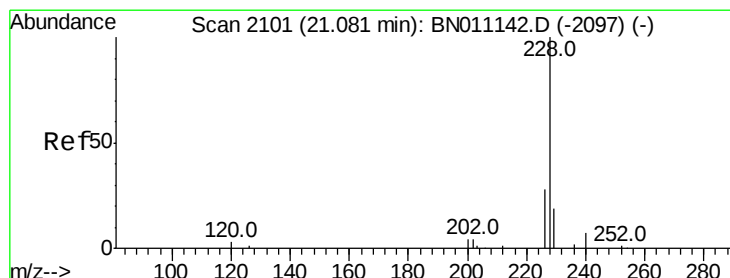
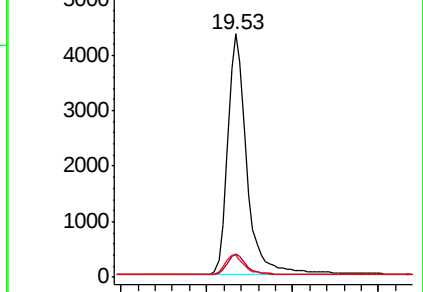
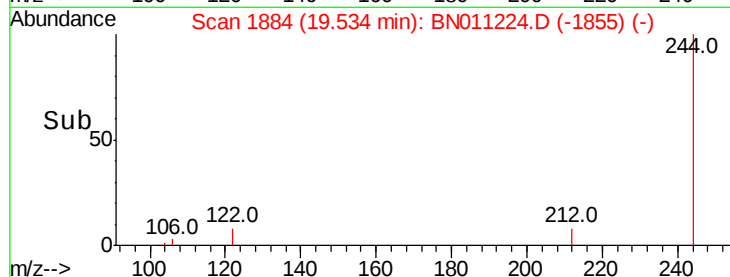
122 9.4 7.4 11.0



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: 0.375 ng

RT: 21.08 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

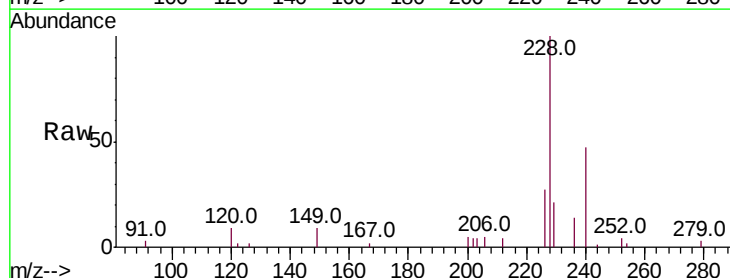
Tgt Ion:228 Resp: 7015

Ion Ratio Lower Upper

228 100

226 26.7 23.2 34.8

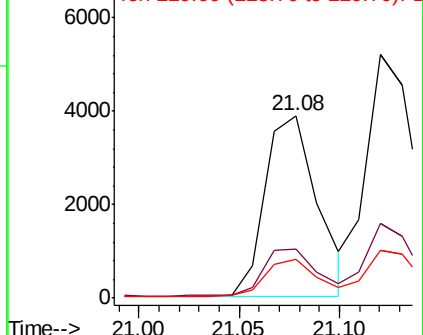
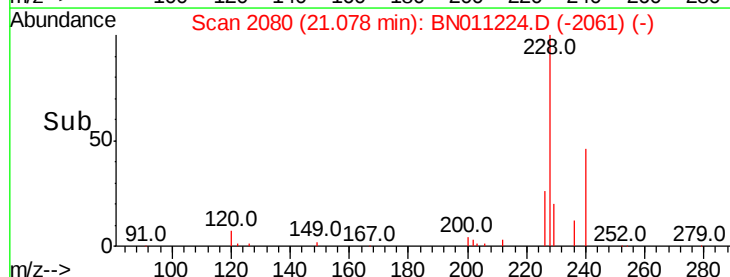
229 21.4 16.2 24.4

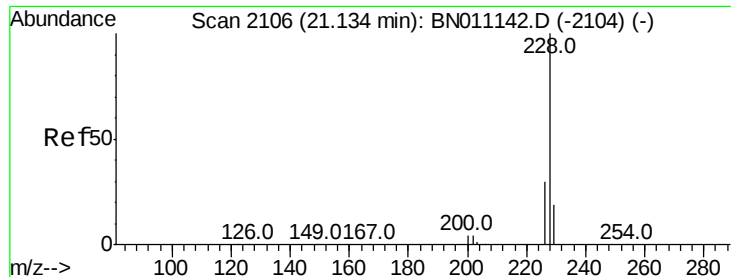


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.399 ng

RT: 21.12 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

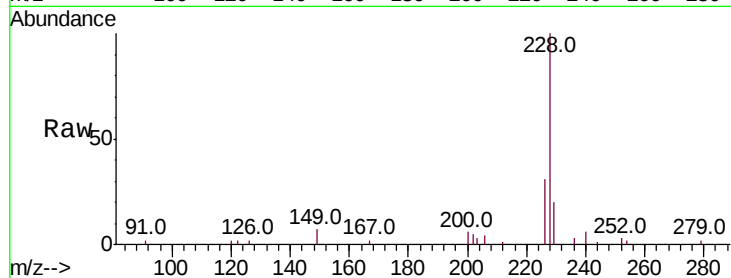
Tot Ion:228 Resp: 9134

Ion Ratio Lower Upper

228 100

226 30.8 24.0 36.0

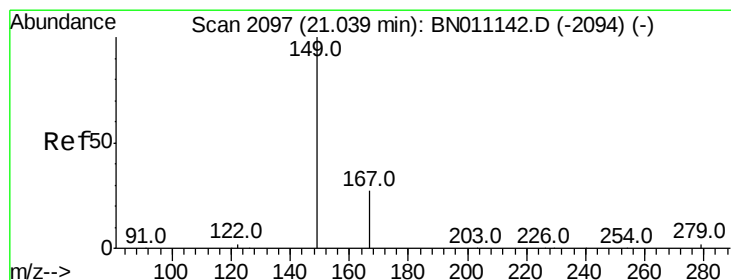
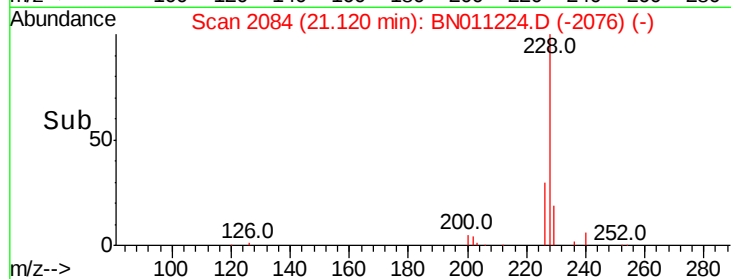
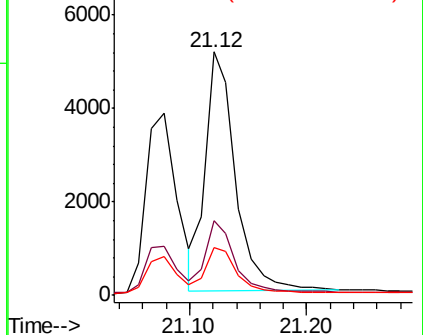
229 19.9 16.2 24.4



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: 0.482 ng

RT: 21.04 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

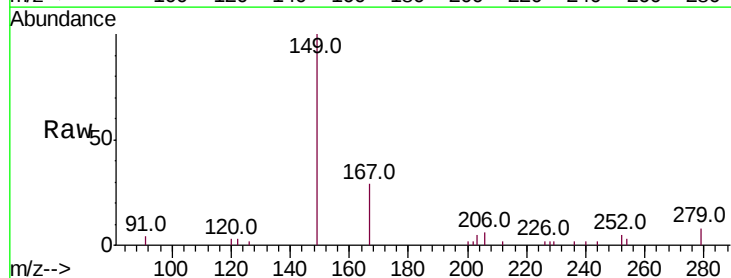
Tgt Ion:149 Resp: 3712

Ion Ratio Lower Upper

149 100

167 27.7 23.4 35.0

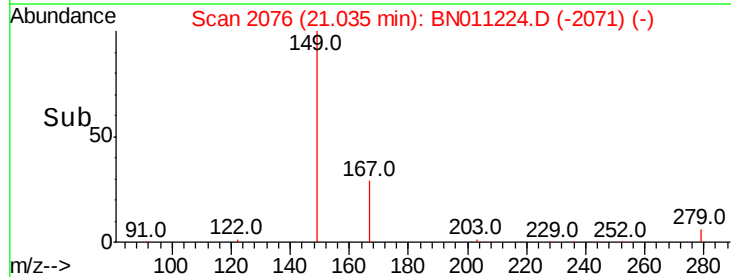
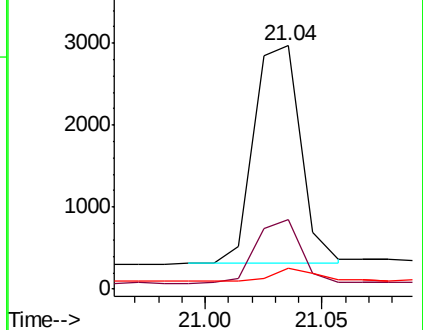
279 4.8 4.5 6.7

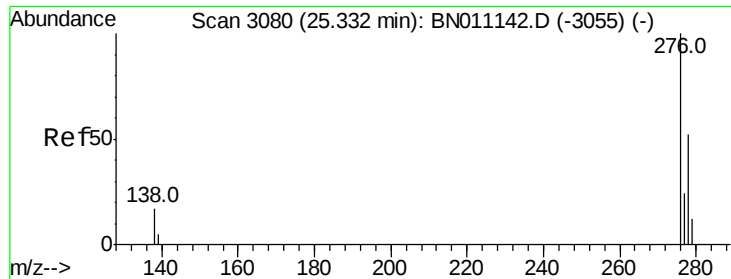


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.347 ng

RT: 25.31 min Scan# 3053

Delta R.T. -0.01 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

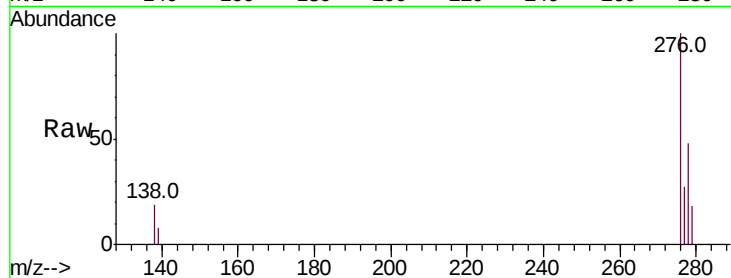
Tot Ion:276 Resp: 8413

Ion Ratio Lower Upper

276 100

138 16.0 13.0 19.6

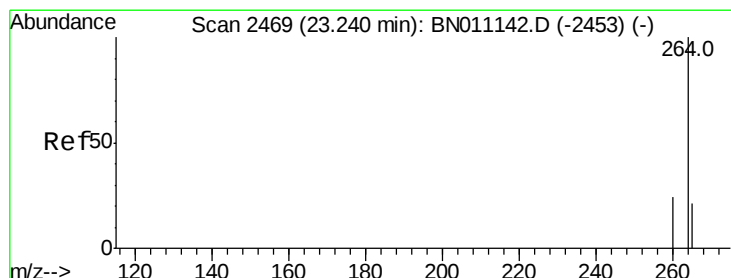
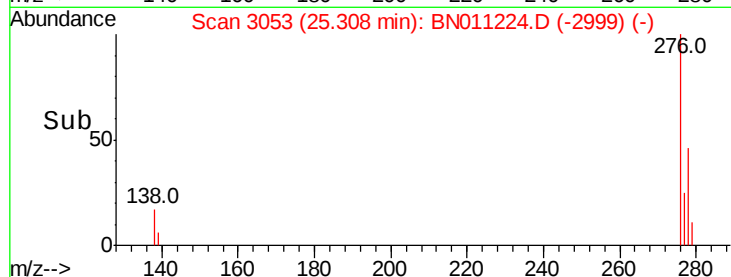
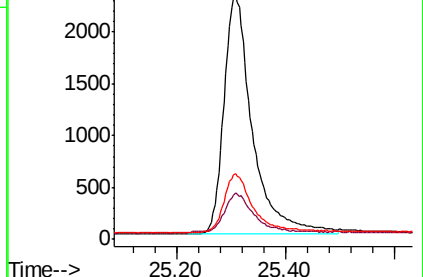
277 24.6 19.7 29.5



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: 23.22 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

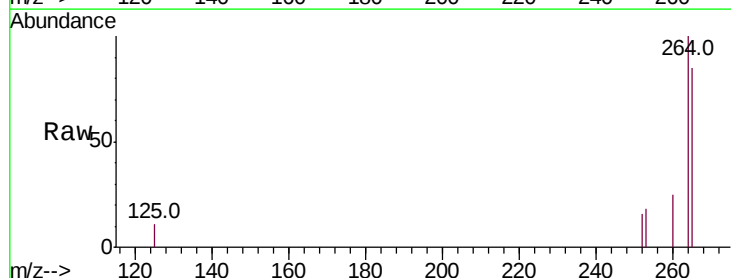
Tgt Ion:264 Resp: 5304

Ion Ratio Lower Upper

264 100

260 25.1 20.1 30.1

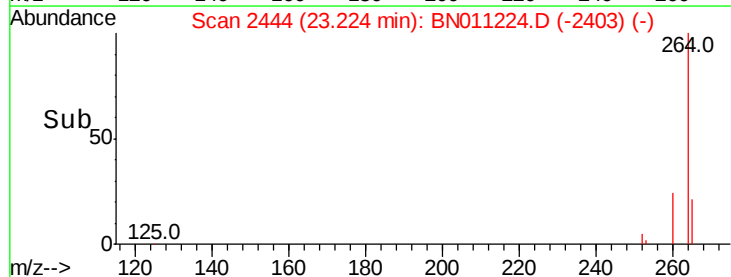
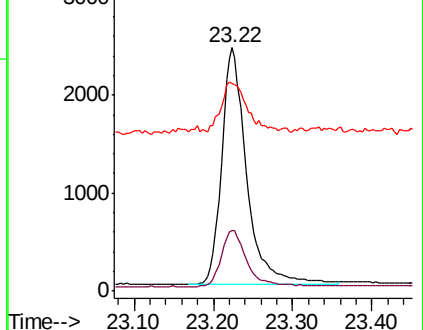
265 85.4 76.6 115.0

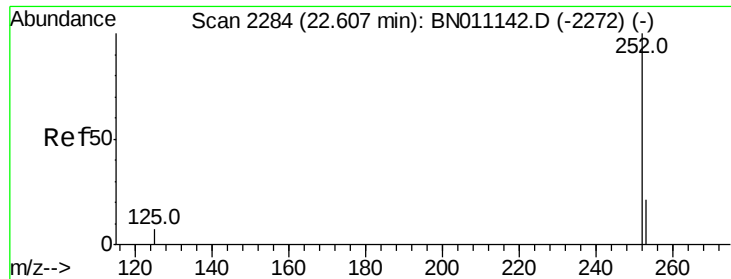


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

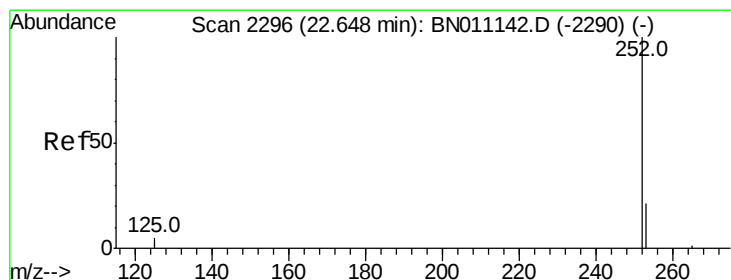
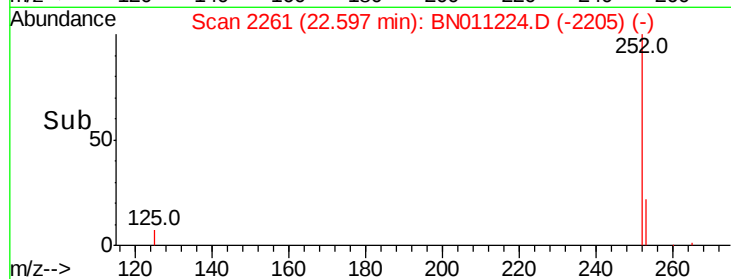
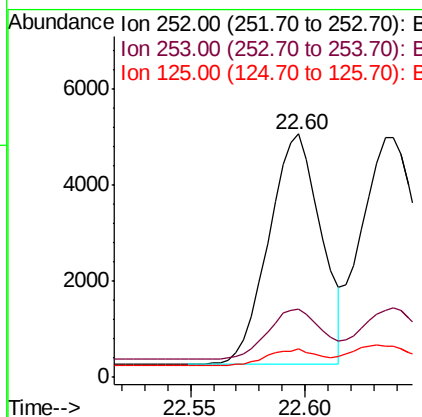
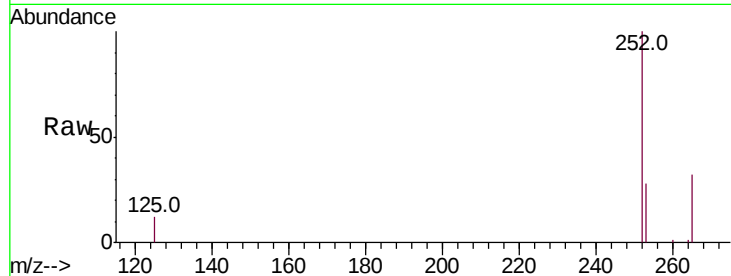




#37
Benzo(b)fluoranthene
Concen: 0.357 ng
RT: 22.60 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BN011224.D
Acq: 22 Jul 2020 18:57

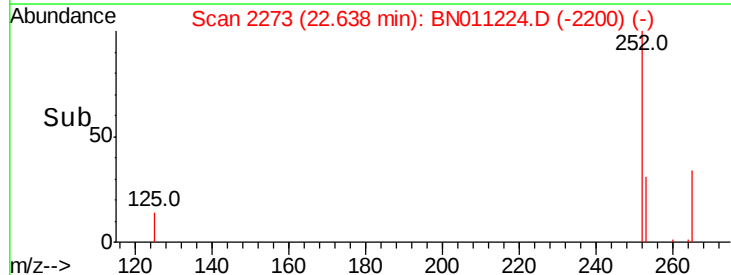
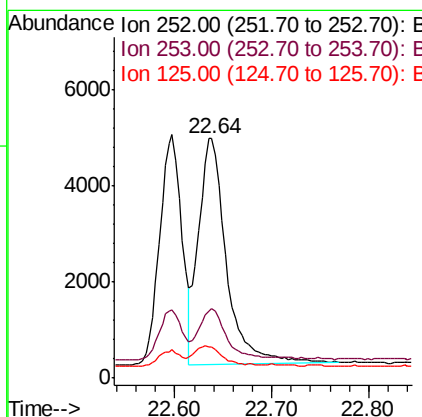
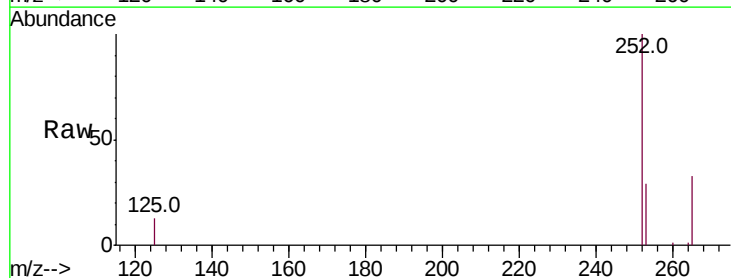
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

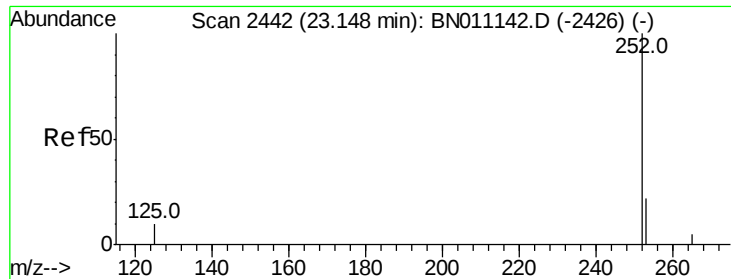
Tot Ion:252 Resp: 7612
Ion Ratio Lower Upper
252 100
253 28.0 22.6 34.0
125 11.6 9.6 14.4



#38
Benzo(k)fluoranthene
Concen: 0.390 ng
RT: 22.64 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BN011224.D
Acq: 22 Jul 2020 18:57

Tgt Ion:252 Resp: 9389
Ion Ratio Lower Upper
252 100
253 29.1 22.2 33.4
125 13.1 11.0 16.4





#39

Benzo(a)pyrene

Concen: 0.348 ng

RT: 23.13 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

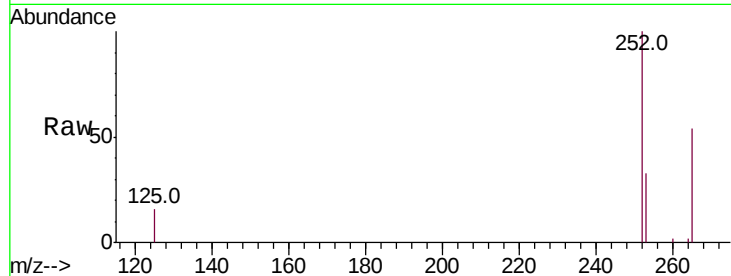
Tot Ion:252 Resp: 6668

Ion Ratio Lower Upper

252 100

253 33.0 25.8 38.6

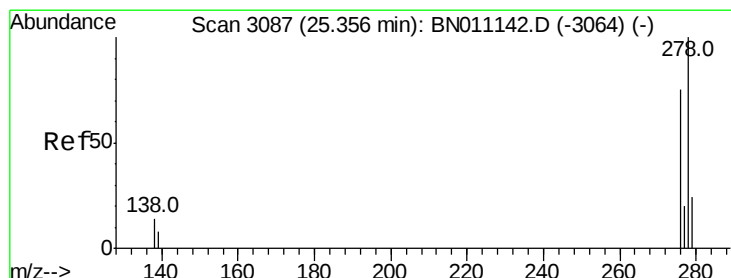
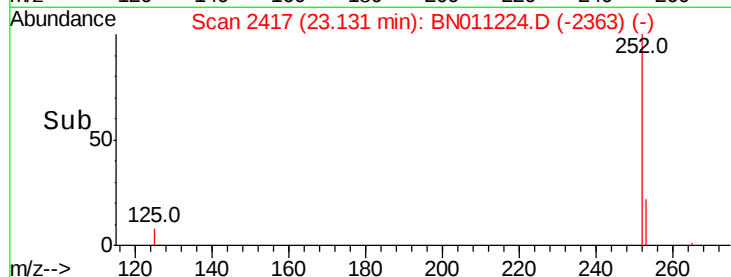
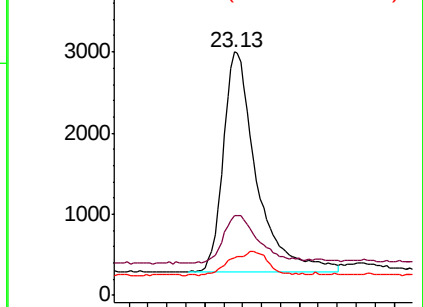
125 15.6 13.4 20.0



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: 0.313 ng

RT: 25.33 min Scan# 3058

Delta R.T. -0.02 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

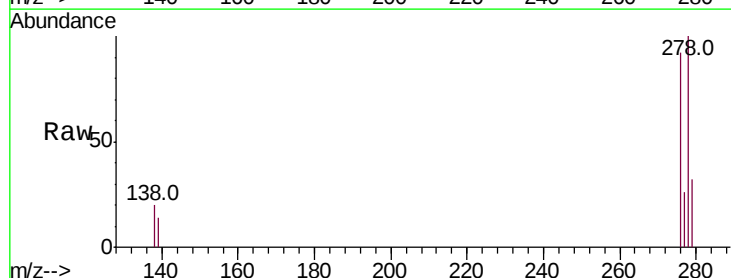
Tgt Ion:278 Resp: 6354

Ion Ratio Lower Upper

278 100

139 13.7 11.7 17.5

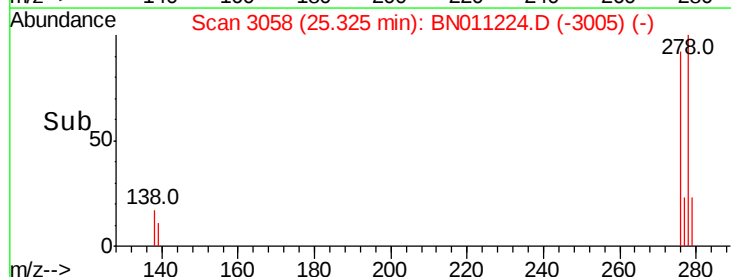
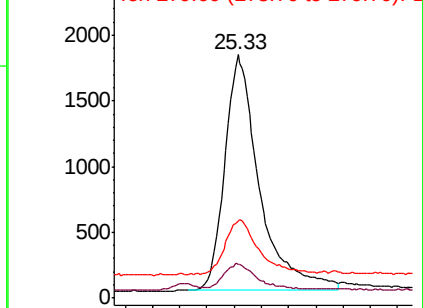
279 31.7 25.0 37.6

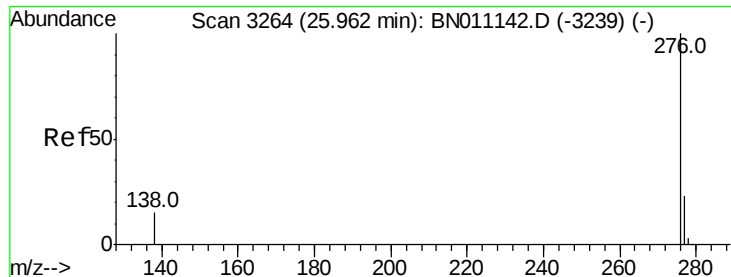


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.329 ng

RT: 25.94 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BN011224.D

Acq: 22 Jul 2020 18:57

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

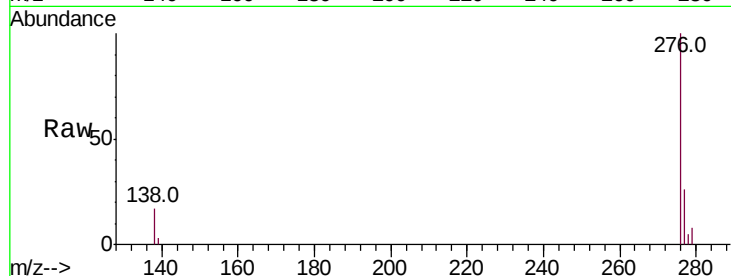
Tot Ion:276 Resp: 7350

Ion Ratio Lower Upper

276 100

277 25.8 20.5 30.7

138 16.8 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

