

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
 Data File : BN011642.D
 Acq On : 26 Aug 2020 07:38
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDC00.4EC

Quant Time: Aug 26 08:09:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 03:31:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2948	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	11626	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	7411	0.40	ng	-0.01
19) Phenanthrene-d10	17.13	188	16850	0.40	ng	-0.01
29) Chrysene-d12	21.32	240	17210	0.40	ng	-0.01
36) Perylene-d12	23.58	264	17230	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	3386	0.36	ng	0.00
5) Phenol-d6	6.91	99	4712	0.35	ng	0.00
8) Nitrobenzene-d5	8.89	82	4330	0.43	ng	-0.01
11) 2-Methylnaphthalene-d10	12.13	152	8537	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1438	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	12182	0.42	ng	-0.01
27) Fluoranthene-d10	19.17	212	20345	0.37	ng	0.00
31) Terphenyl-d14	19.77	244	18472	0.42	ng	0.00

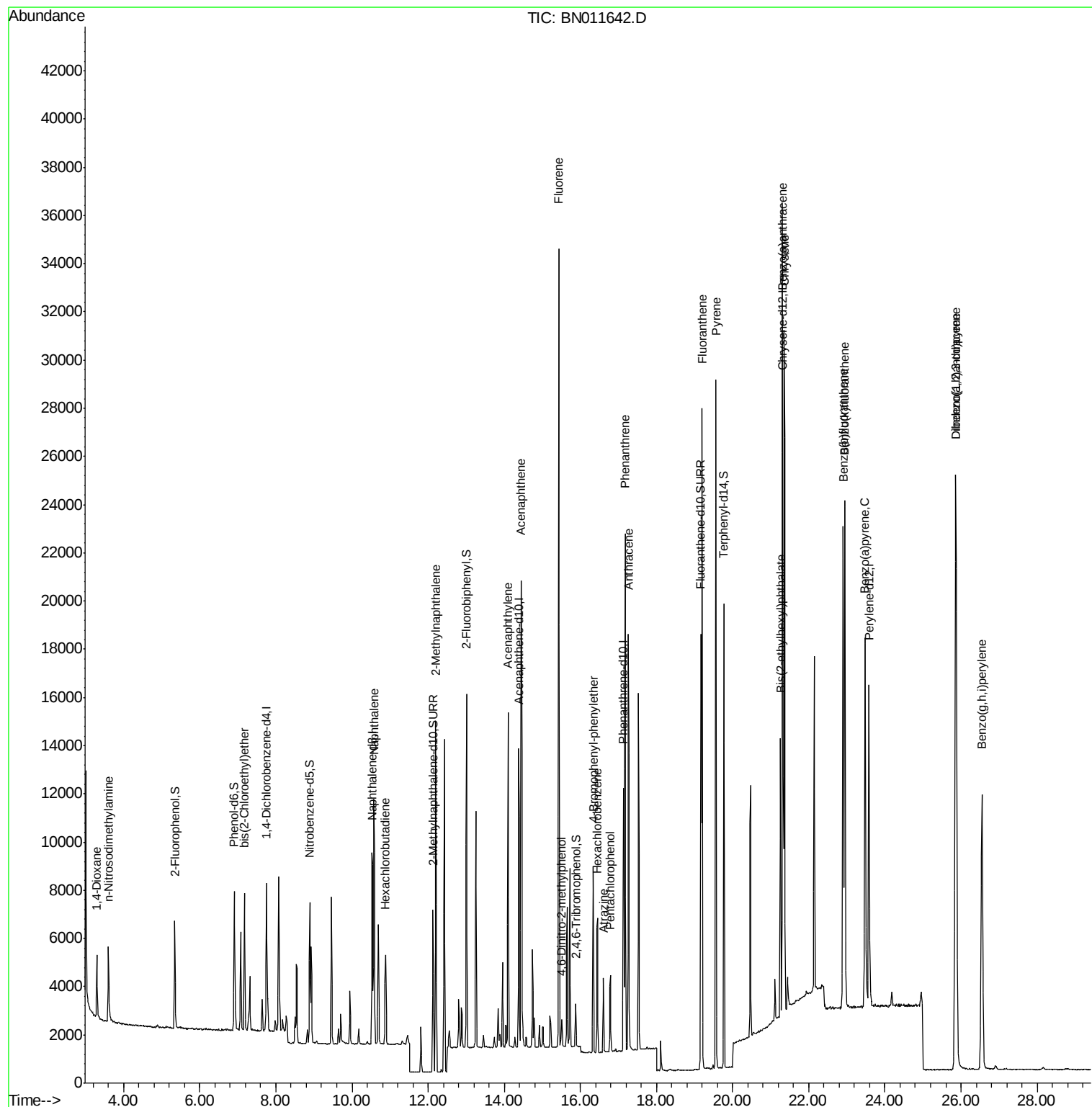
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	1808	0.395	ng	# 1
3) n-Nitrosodimethylamine	3.60	42	2262	0.470	ng	# 90
6) bis(2-Chloroethyl)ether	7.18	93	3827	0.404	ng	96
9) Naphthalene	10.58	128	13250	0.401	ng	94
10) Hexachlorobutadiene	10.88	225	2971	0.429	ng	# 97
12) 2-Methylnaphthalene	12.20	142	9634	0.395	ng	98
16) Acenaphthylene	14.10	152	14313	0.366	ng	99
17) Acenaphthene	14.45	154	10062	0.406	ng	98
18) Fluorene	15.44	166	12813	0.400	ng	99
20) 4,6-Dinitro-2-methylphenol	15.51	198	993	0.511	ng	# 21
21) 4-Bromophenyl-phenylether	16.34	248	3950	0.402	ng	# 65
22) Hexachlorobenzene	16.44	284	4775	0.420	ng	99
23) Atrazine	16.60	200	2517	0.259	ng	# 91
24) Pentachlorophenol	16.79	266	1660	0.331	ng	95
25) Phenanthrene	17.18	178	21060	0.402	ng	100
26) Anthracene	17.26	178	18826	0.365	ng	100
28) Fluoranthene	19.20	202	24695	0.389	ng	99
30) Pyrene	19.56	202	24769	0.406	ng	100
32) Benzo(a)anthracene	21.31	228	24212	0.390	ng	98
33) Chrysene	21.35	228	24677	0.417	ng	98
34) Bis(2-ethylhexyl)phthalate	21.26	149	10033	0.198	ng	96
35) Indeno(1,2,3-cd)pyrene	25.86	276	31094	0.431	ng	# 100
37) Benzo(b)fluoranthene	22.90	252	26048	0.417	ng	# 93
38) Benzo(k)fluoranthene	22.95	252	26305	0.424	ng	# 89
39) Benzo(a)pyrene	23.48	252	22656	0.389	ng	# 94
40) Dibenzo(a,h)anthracene	25.87	278	25794	0.424	ng	# 91
41) Benzo(g,h,i)perylene	26.55	276	24826	0.421	ng	# 94

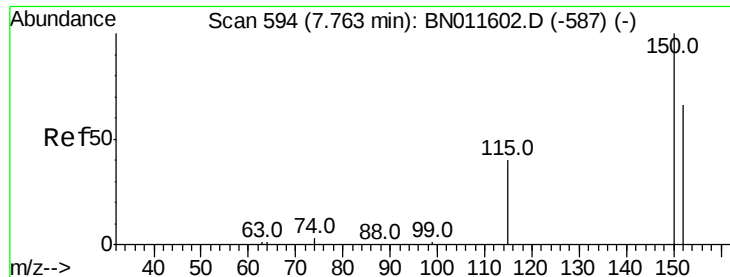
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
Data File : BN011642.D
Acq On : 26 Aug 2020 07:38
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Aug 26 08:09:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 25 03:31:11 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 593

Delta R.T. -0.01 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

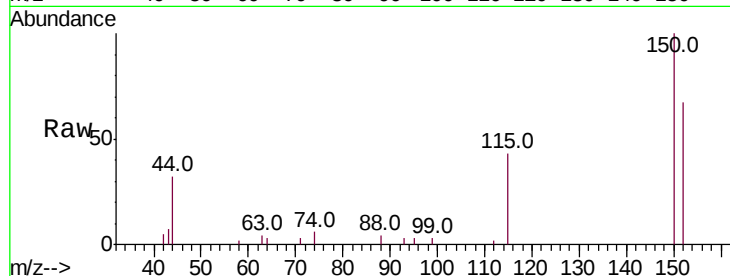
Tot Ion:152 Resp: 2948

Ion Ratio Lower Upper

152 100

150 148.7 112.4 168.6

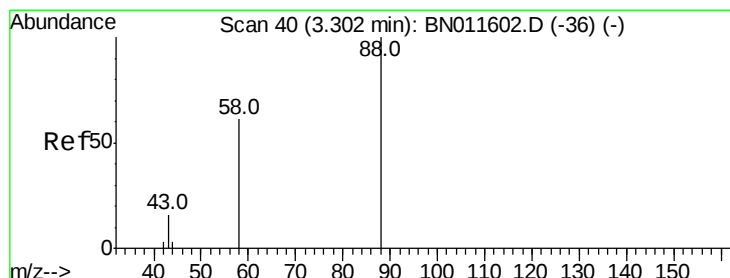
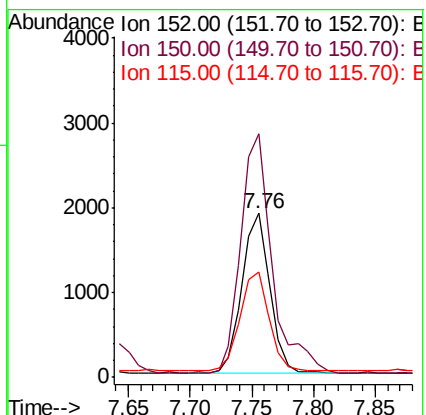
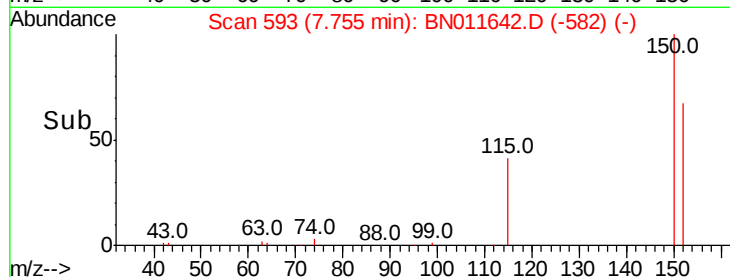
115 64.4 56.9 85.3



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: 0.395 ng

RT: 3.30 min Scan# 40

Delta R.T. -0.00 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

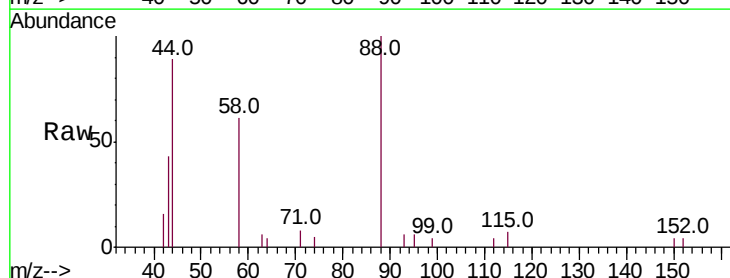
Tgt Ion: 88 Resp: 1808

Ion Ratio Lower Upper

88 100

58 74.5 3.0 4.4#

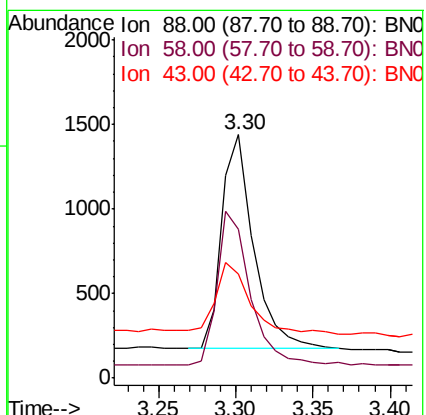
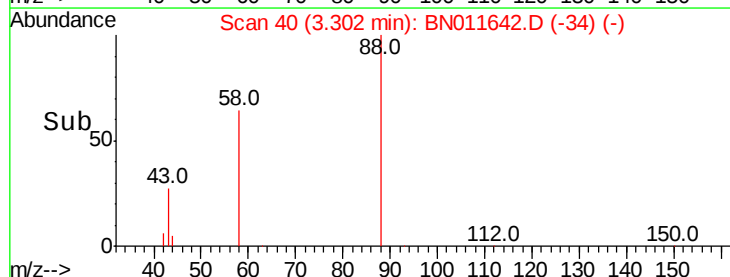
43 36.1 0.0 0.0#

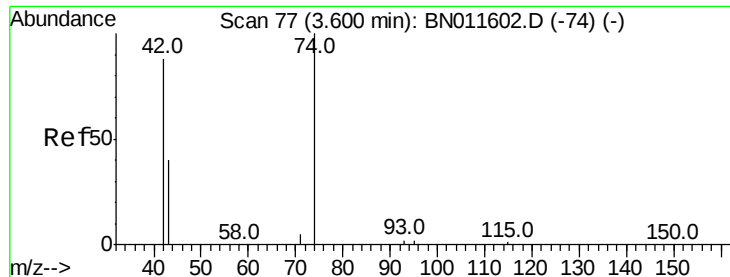


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.470 ng

RT: 3.60 min Scan# 77

Delta R.T. -0.00 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

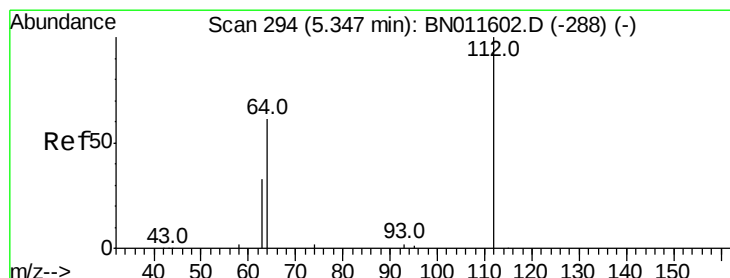
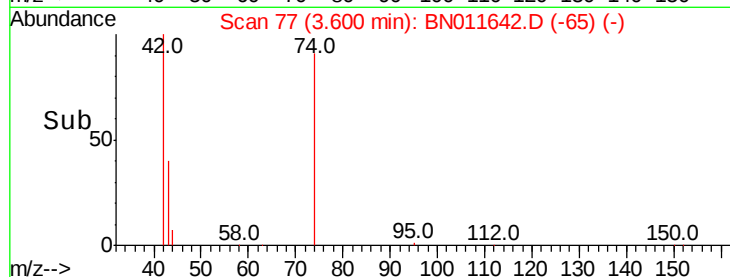
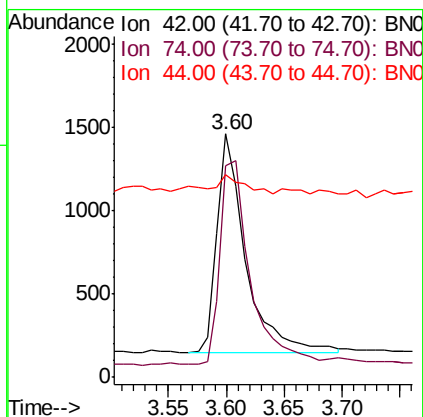
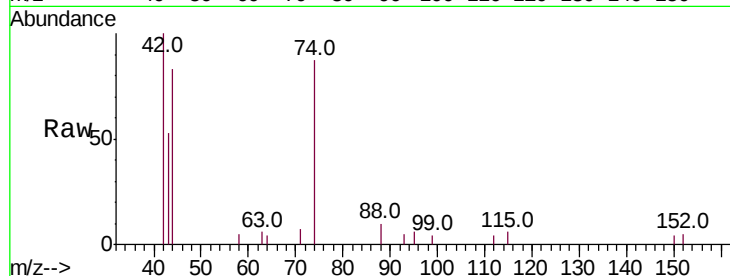
Tot Ion: 42 Resp: 2262

Ion Ratio Lower Upper

42 100

74 99.0 0.0 0.0#

44 6.7 8.2 12.4#



#4

2-Fluorophenol

Concen: 0.359 ng

RT: 5.35 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

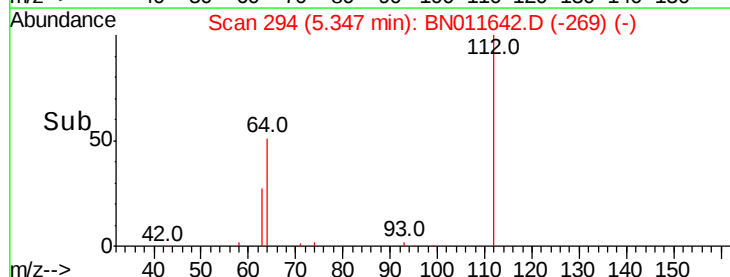
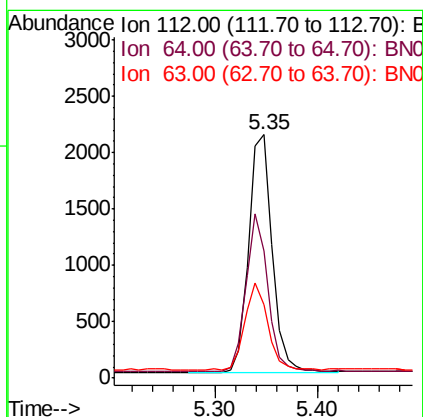
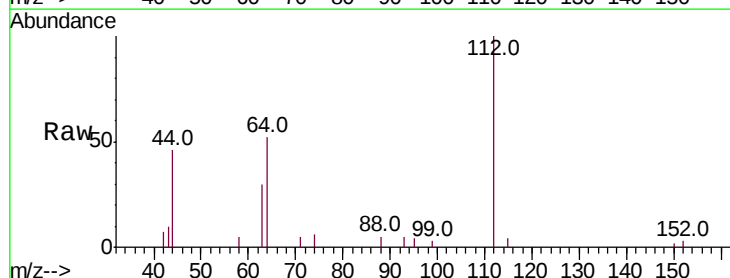
Tgt Ion: 112 Resp: 3386

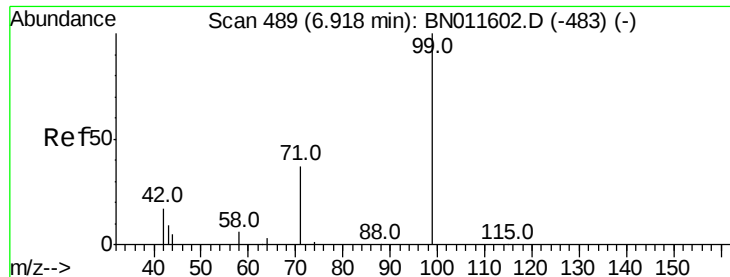
Ion Ratio Lower Upper

112 100

64 61.8 49.6 74.4

63 35.3 26.4 39.6





#5

Phenol-d6

Concen: 0.354 ng

RT: 6.91 min Scan# 488

Delta R.T. -0.01 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

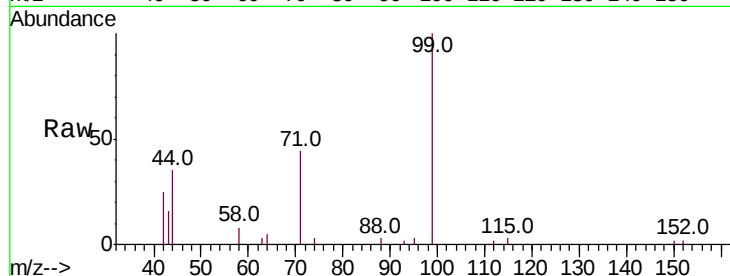
Tot Ion: 99 Resp: 4712

Ion Ratio Lower Upper

99 100

42 24.3 0.0 0.0#

71 42.0 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BN011642.D (-483) (-)

Ion 42.00 (41.70 to 42.70): BN011642.D (-483) (-)

Ion 71.00 (70.70 to 71.70): BN011642.D (-483) (-)

6.91

3000

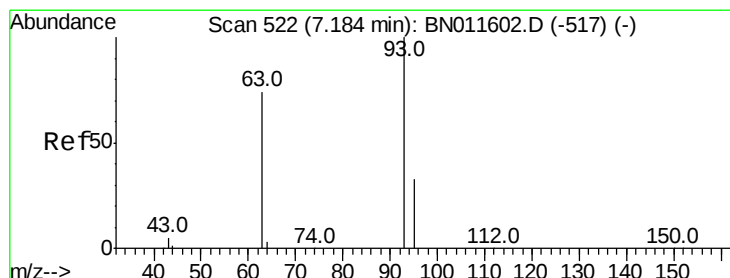
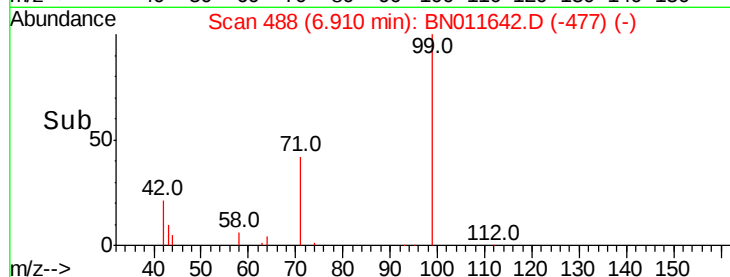
2000

1000

0

6.80 6.90 7.00

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.404 ng

RT: 7.18 min Scan# 521

Delta R.T. -0.01 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

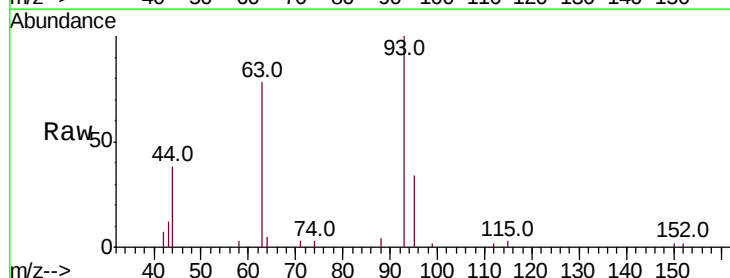
Tgt Ion: 93 Resp: 3827

Ion Ratio Lower Upper

93 100

63 75.6 57.8 86.8

95 32.6 28.3 42.5



Abundance Ion 93.00 (92.70 to 93.70): BN011642.D (-517) (-)

Ion 63.00 (62.70 to 63.70): BN011642.D (-517) (-)

Ion 95.00 (94.70 to 95.70): BN011642.D (-517) (-)

7.18

5000

4000

3000

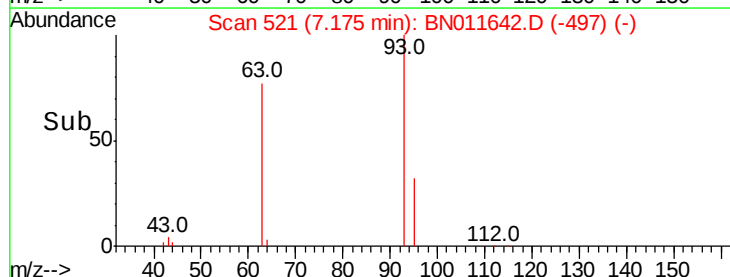
2000

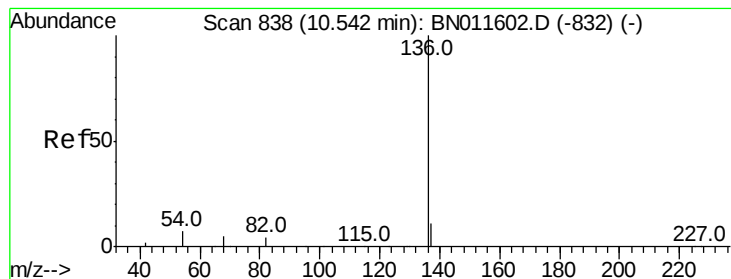
1000

0

7.10 7.20 7.30

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 11626

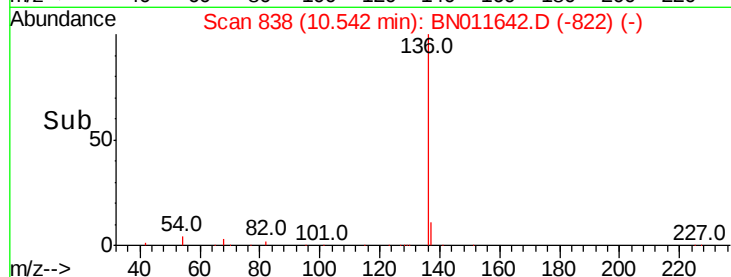
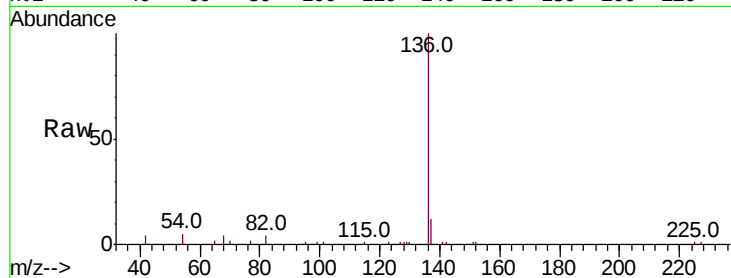
Ion Ratio Lower Upper

136 100

137 11.7 11.5 17.3

54 5.3 11.9 17.9#

68 4.0 12.3 18.5#

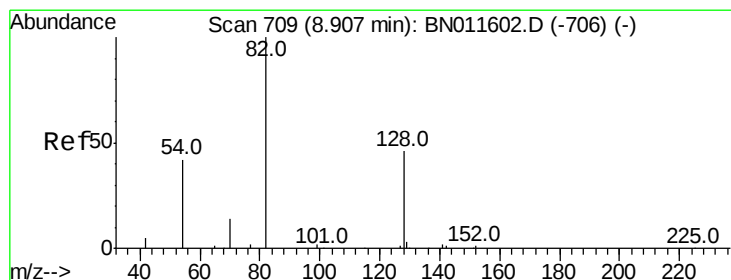
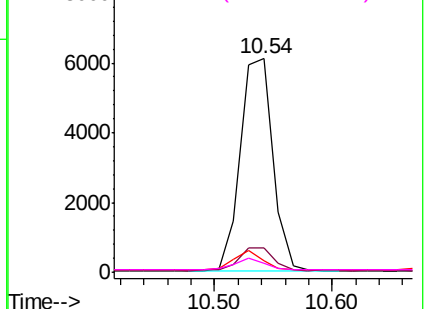


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.430 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

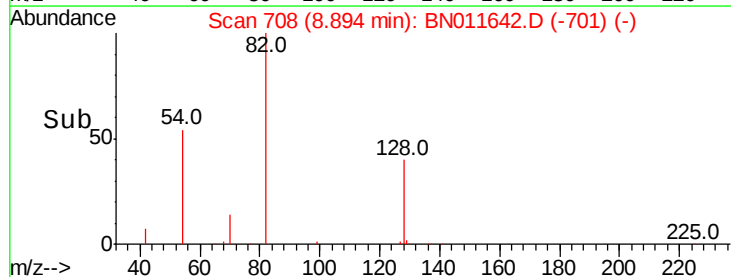
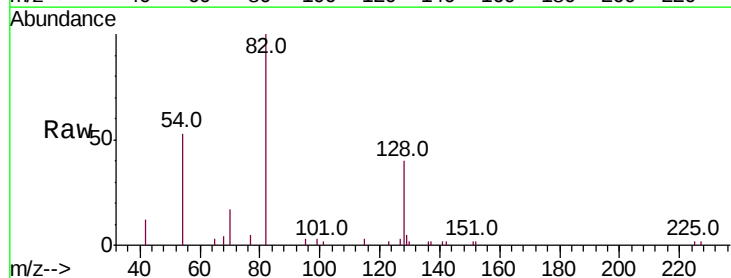
Tgt Ion: 82 Resp: 4330

Ion Ratio Lower Upper

82 100

128 40.2 31.1 46.7

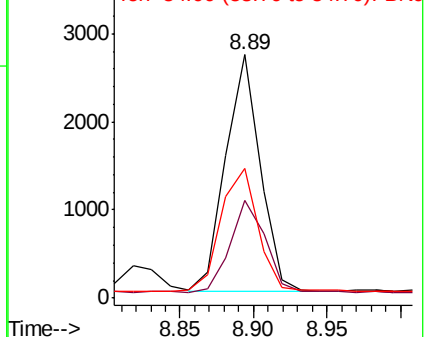
54 53.1 37.1 55.7

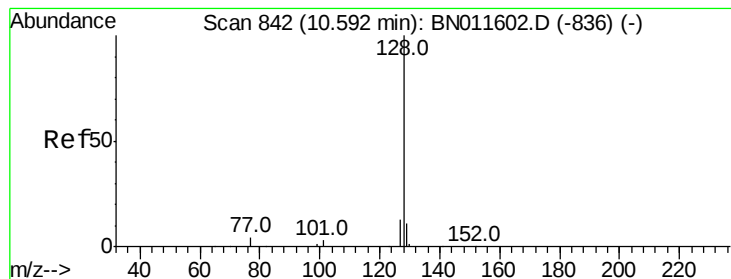


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.401 ng

RT: 10.58 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

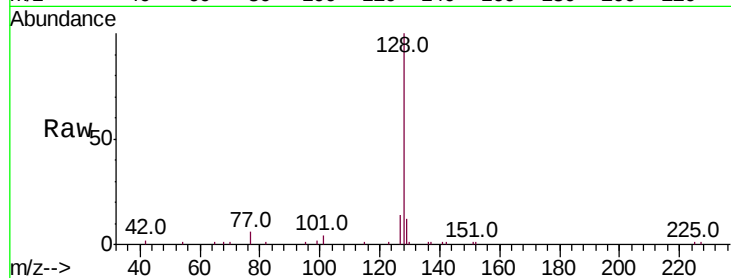
Tot Ion:128 Resp: 13250

Ion Ratio Lower Upper

128 100

129 11.5 11.0 16.4

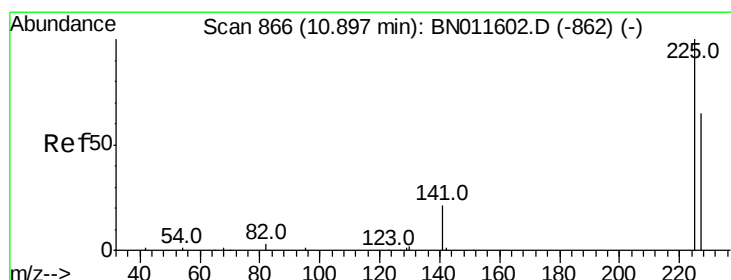
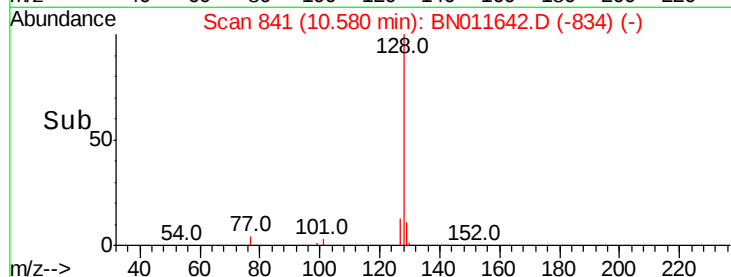
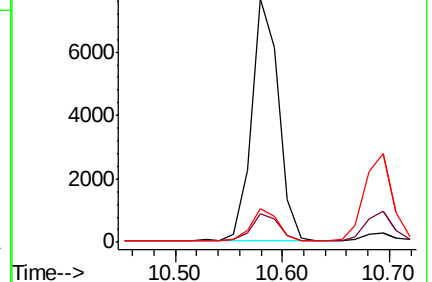
127 14.0 13.5 20.3



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: 0.429 ng

RT: 10.88 min Scan# 865

Delta R.T. -0.01 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

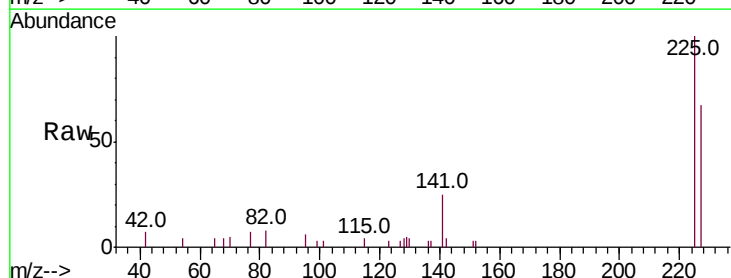
Tgt Ion:225 Resp: 2971

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

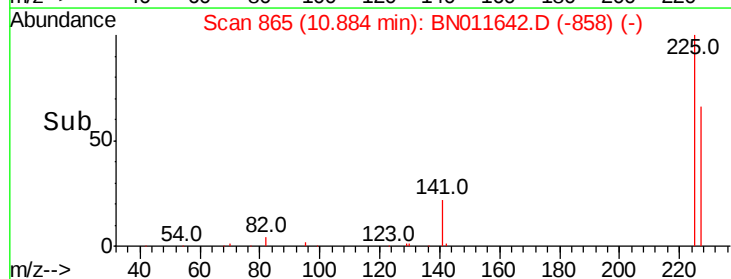
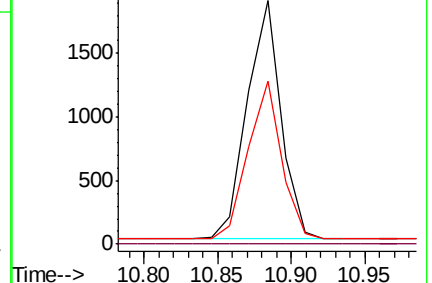
227 65.0 50.2 75.2

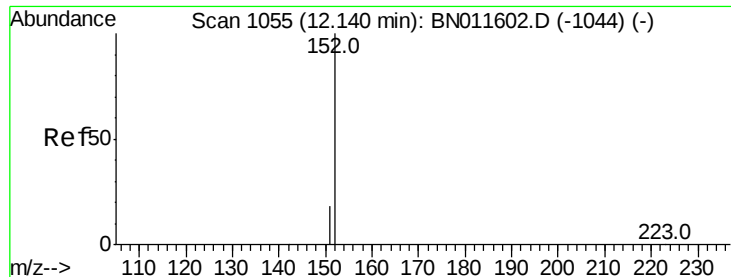


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

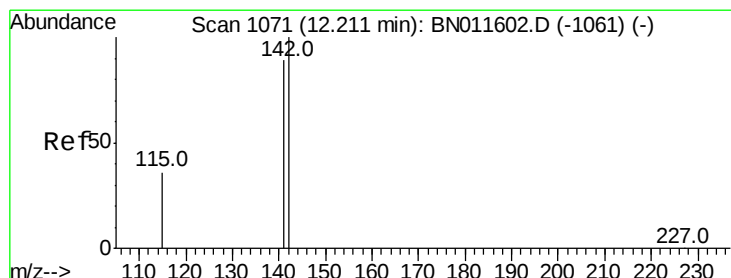
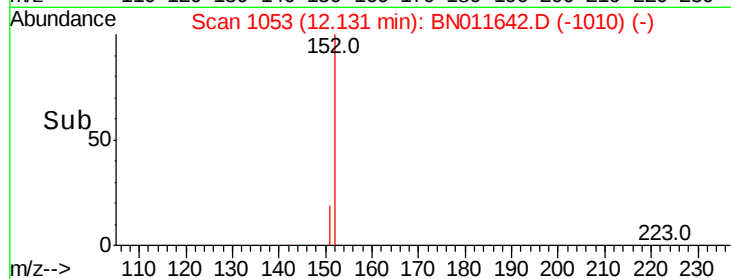
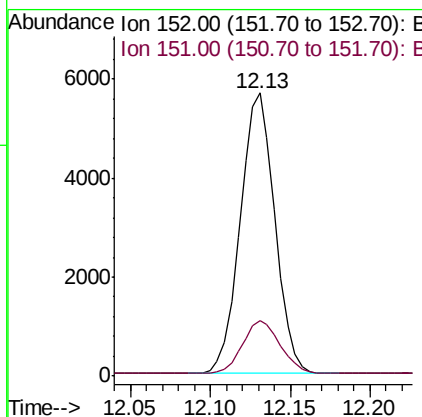
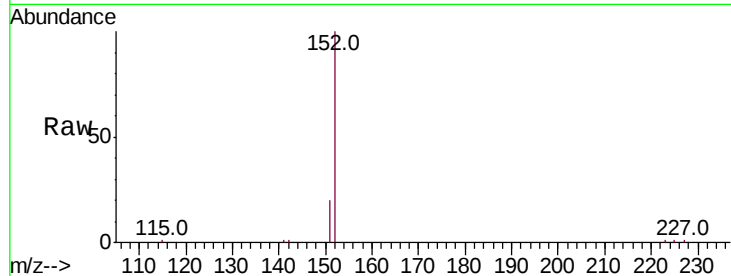




#11
 2-Methylnaphthalene-d10
 Concen: 0.388 ng
 RT: 12.13 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BN011642.D
 Acq: 26 Aug 2020 07:38

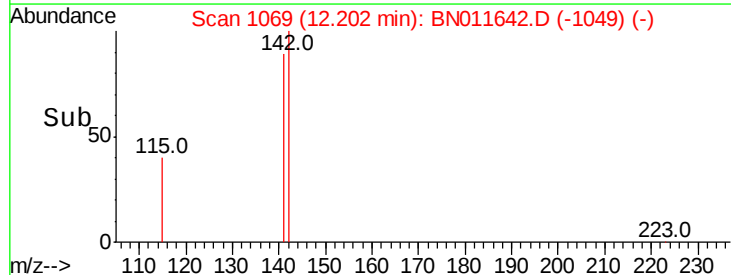
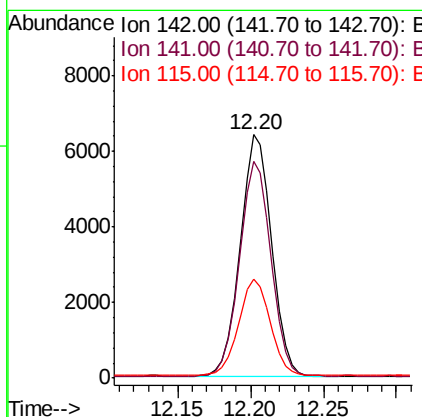
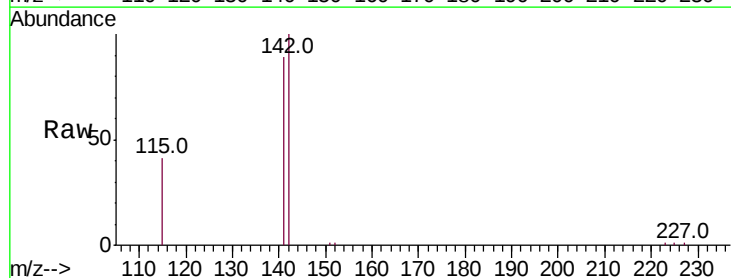
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

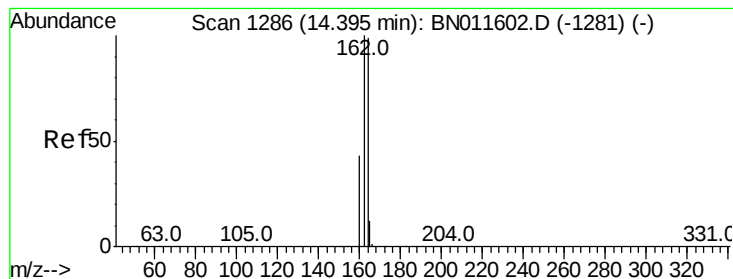
Tot Ion:152 Resp: 8537
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.4 24.6



#12
 2-Methylnaphthalene
 Concen: 0.395 ng
 RT: 12.20 min Scan# 1069
 Delta R.T. -0.01 min
 Lab File: BN011642.D
 Acq: 26 Aug 2020 07:38

Tgt Ion:142 Resp: 9634
 Ion Ratio Lower Upper
 142 100
 141 89.0 72.7 109.1
 115 40.5 32.7 49.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

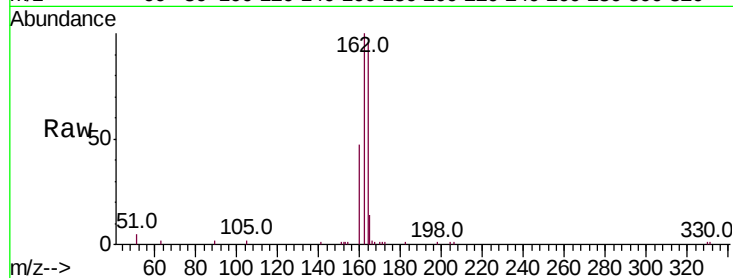
Tot Ion:164 Resp: 7411

Ion Ratio Lower Upper

164 100

162 104.5 80.8 121.2

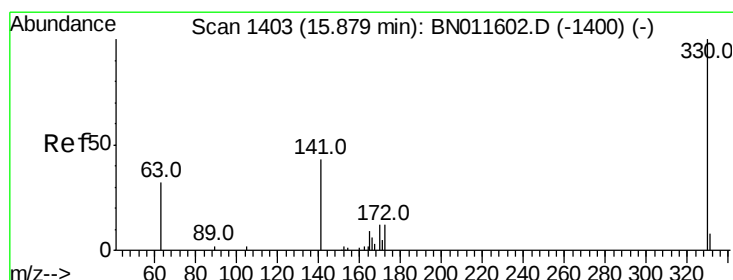
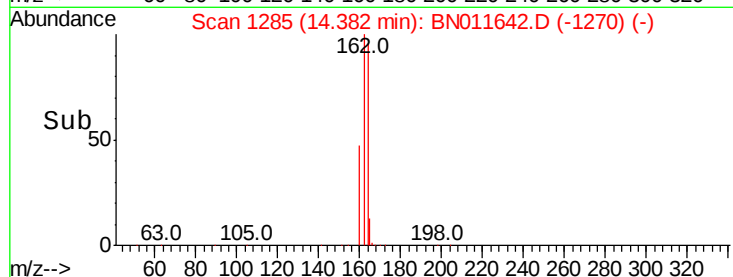
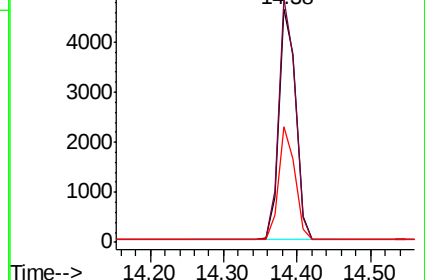
160 49.5 35.6 53.4



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: 0.353 ng

RT: 15.88 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

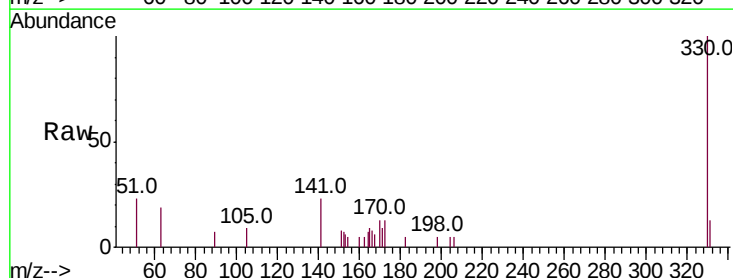
Tgt Ion:330 Resp: 1438

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

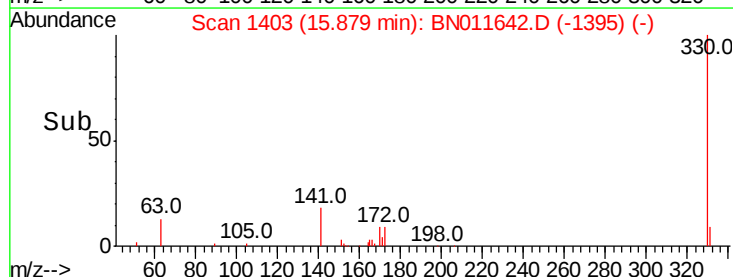
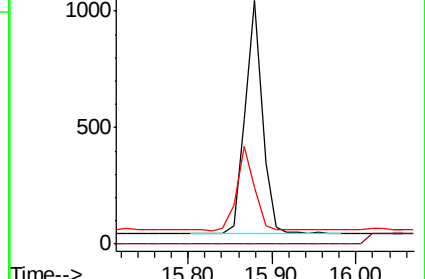
141 36.6 29.4 44.2

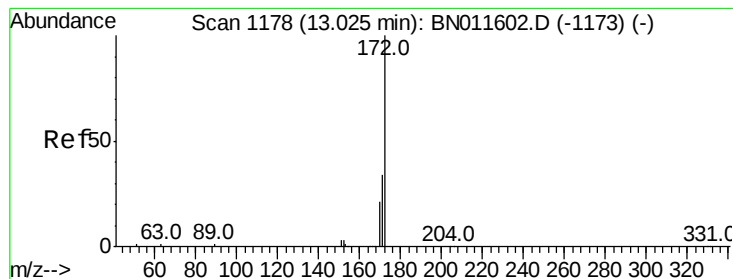


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.422 ng

RT: 13.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

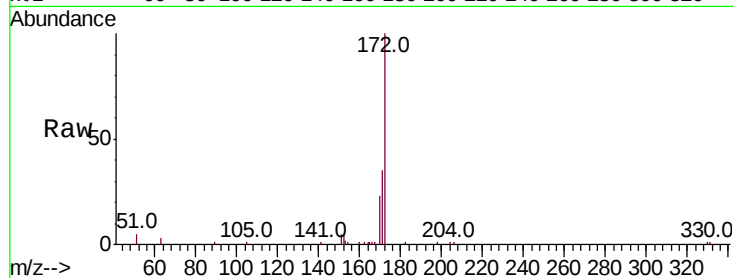
Tot Ion:172 Resp: 12182

Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

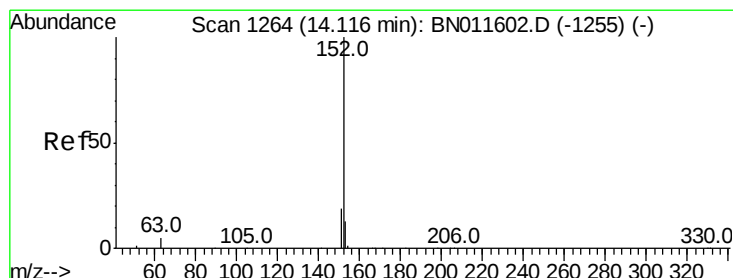
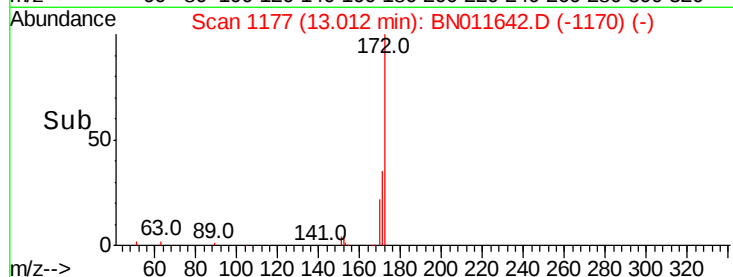
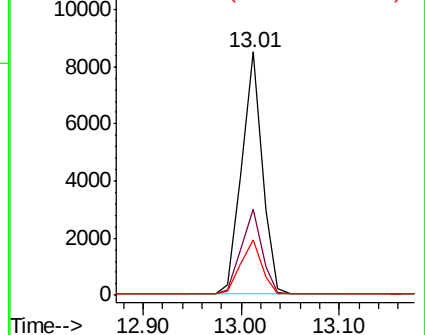
170 22.9 18.2 27.2



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: 0.366 ng

RT: 14.10 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

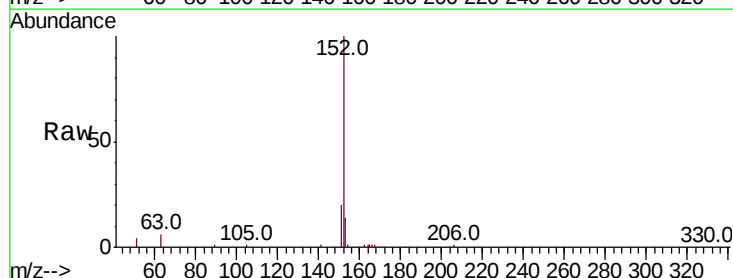
Tgt Ion:152 Resp: 14313

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

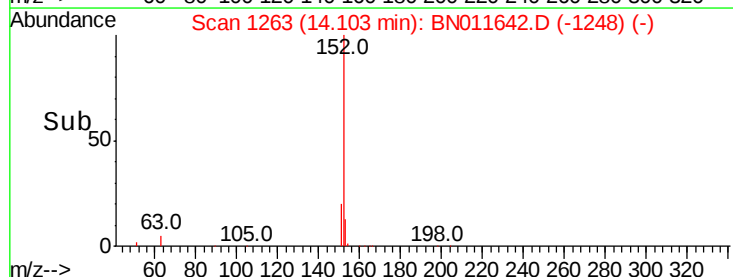
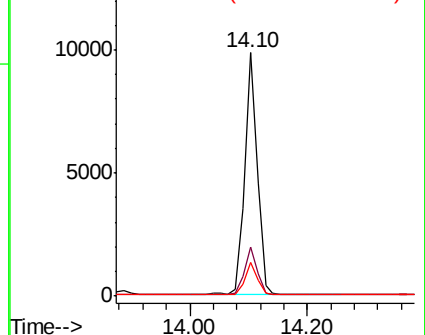
153 13.1 11.0 16.4

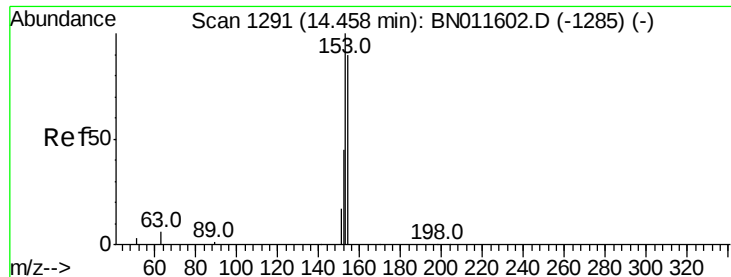


Abundance Ion 152.00 (151.70 to 152.70): E

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: 14.45 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

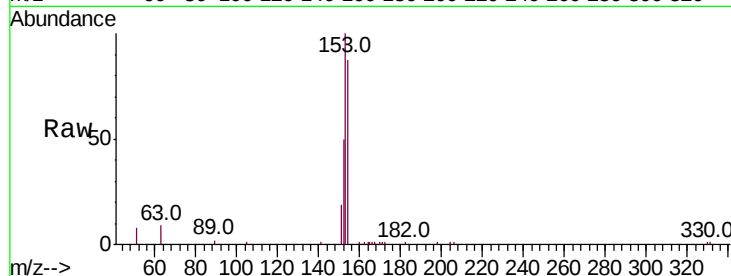
Tot Ion:154 Resp: 10062

Ion Ratio Lower Upper

154 100

153 107.5 86.6 130.0

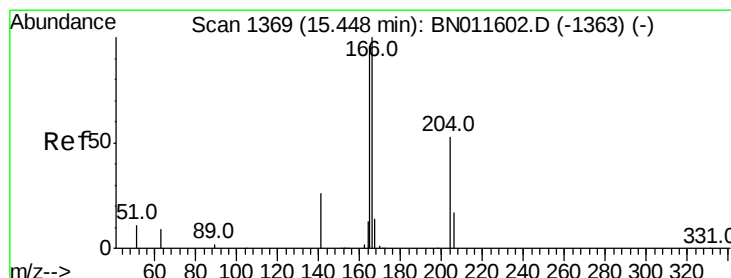
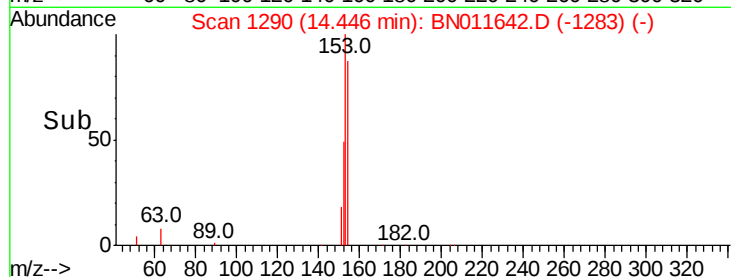
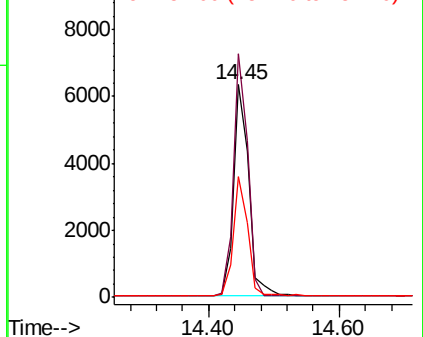
152 52.9 40.1 60.1



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: 0.400 ng

RT: 15.44 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

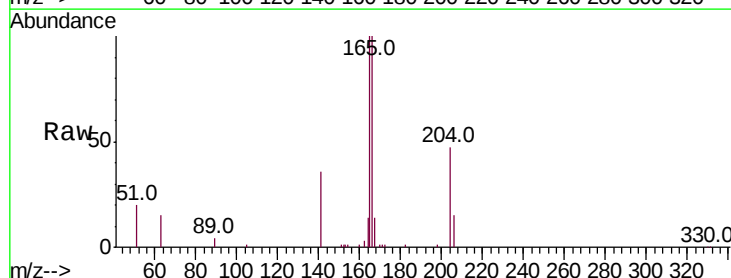
Tgt Ion:166 Resp: 12813

Ion Ratio Lower Upper

166 100

165 98.1 77.4 116.2

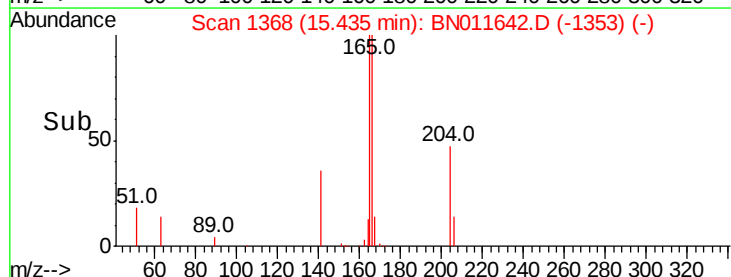
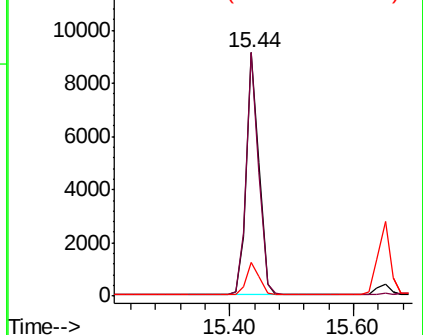
167 13.5 11.5 17.3

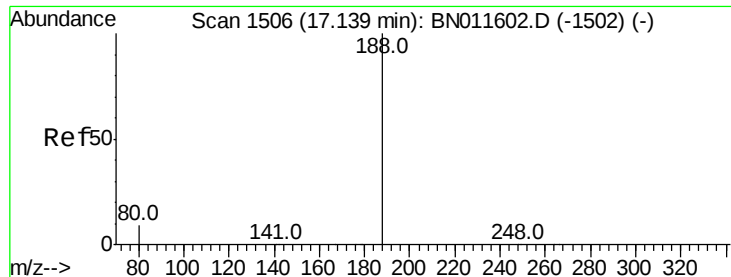


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.13 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

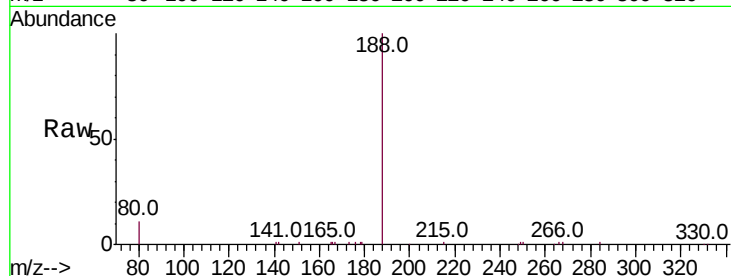
Tot Ion:188 Resp: 16850

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

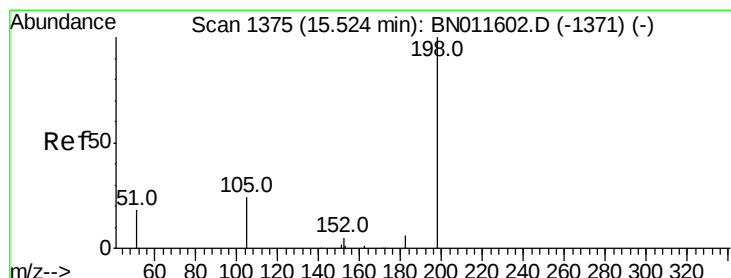
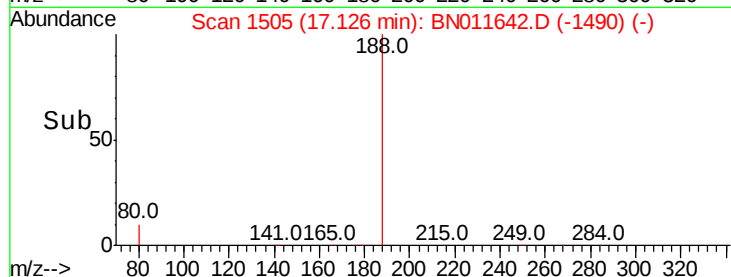
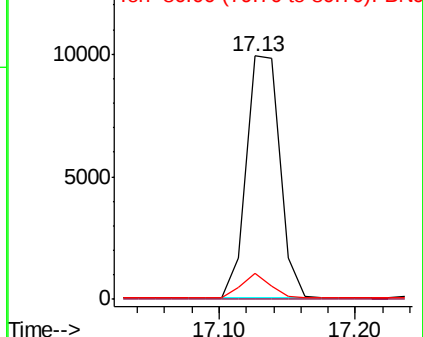
80 10.6 9.2 13.8



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: 0.511 ng

RT: 15.51 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

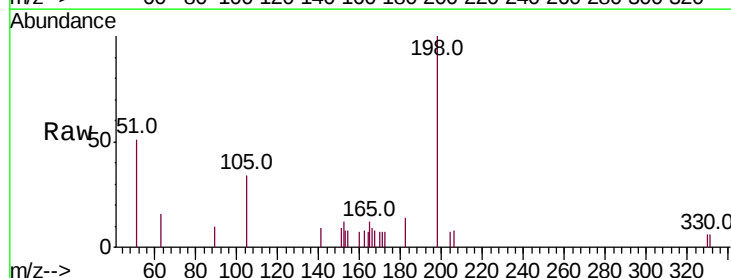
Tgt Ion:198 Resp: 993

Ion Ratio Lower Upper

198 100

51 51.4 99.6 149.4#

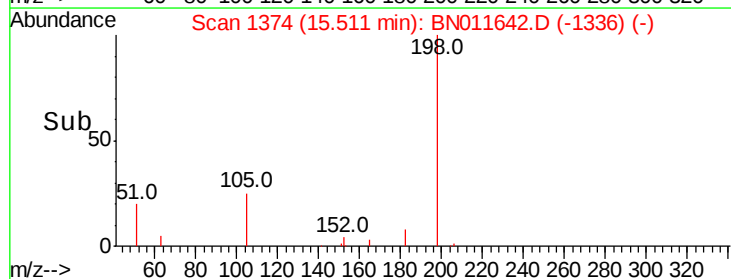
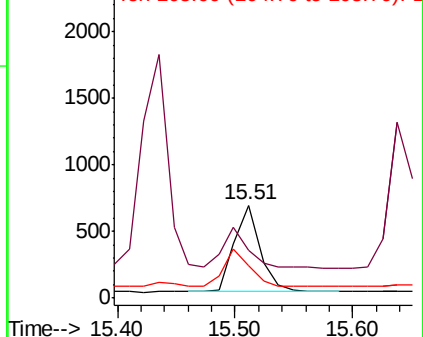
105 34.4 118.8 178.2#

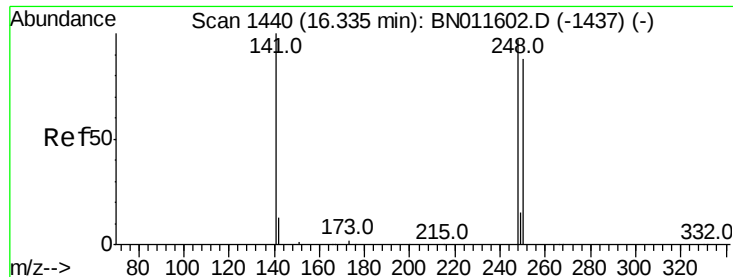


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

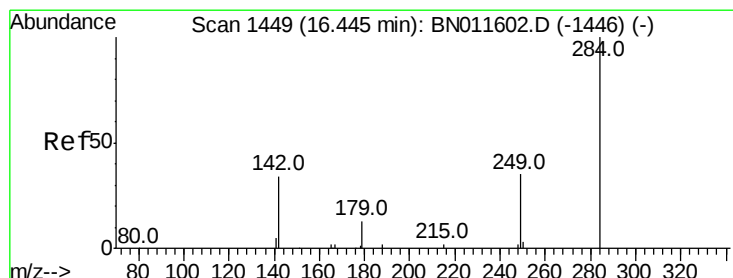
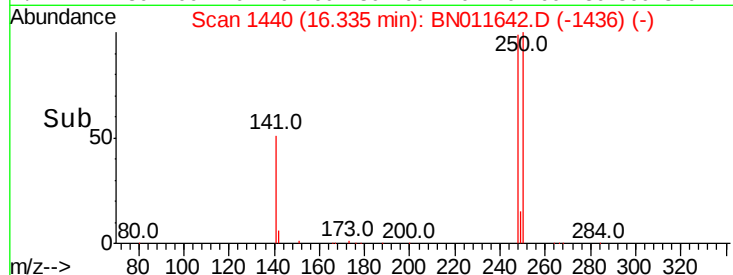
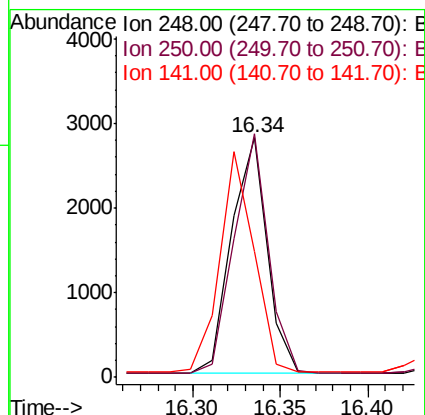
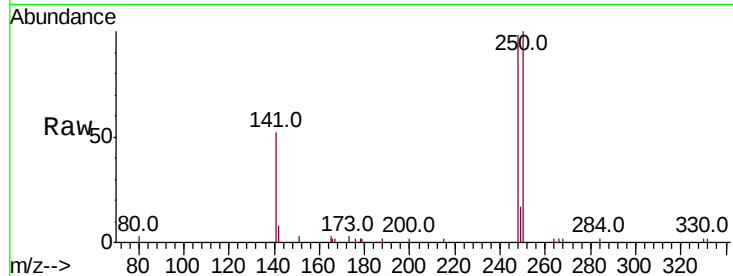




#21
4-Bromophenyl-phenylether
Concen: 0.402 ng
RT: 16.34 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BN011642.D
Acq: 26 Aug 2020 07:38

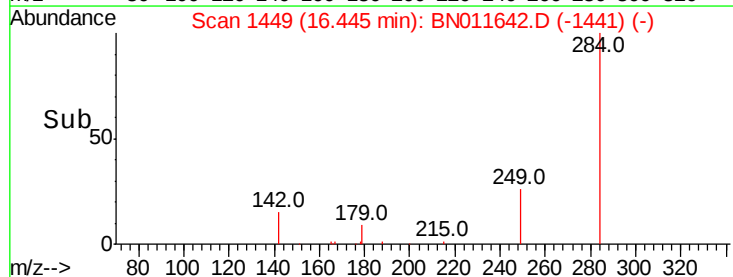
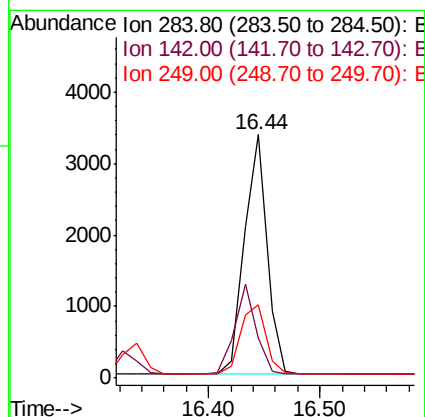
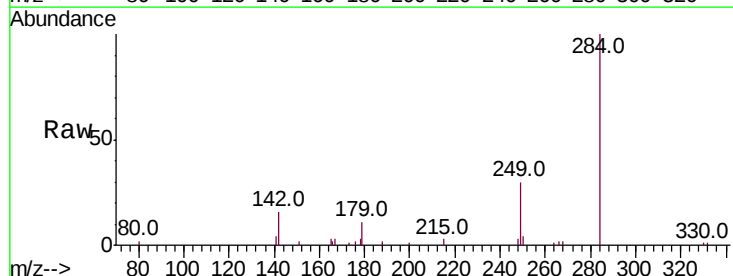
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

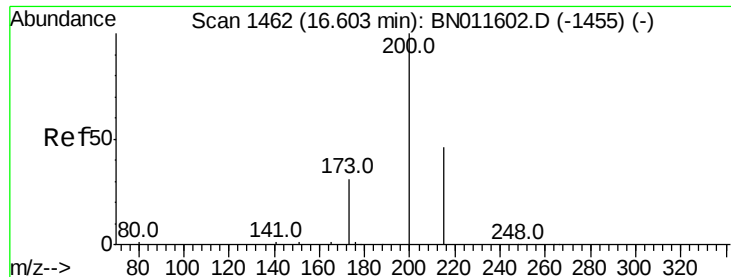
Tot Ion:248 Resp: 3950
Ion Ratio Lower Upper
248 100
250 101.7 73.4 110.2
141 52.6 88.5 132.7#



#22
Hexachlorobenzene
Concen: 0.420 ng
RT: 16.44 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BN011642.D
Acq: 26 Aug 2020 07:38

Tgt Ion:284 Resp: 4775
Ion Ratio Lower Upper
284 100
142 35.3 27.3 40.9
249 31.9 25.2 37.8





#23

Atrazine

Concen: 0.259 ng

RT: 16.60 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

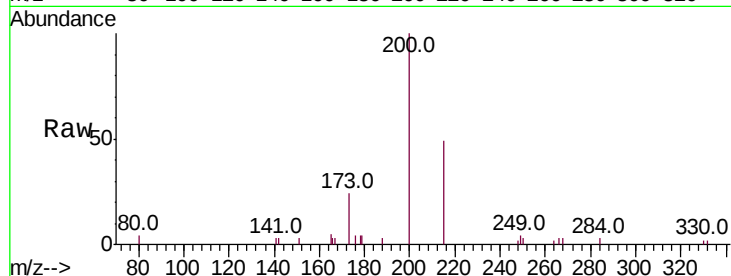
Tot Ion:200 Resp: 2517

Ion Ratio Lower Upper

200 100

173 23.7 28.2 42.4#

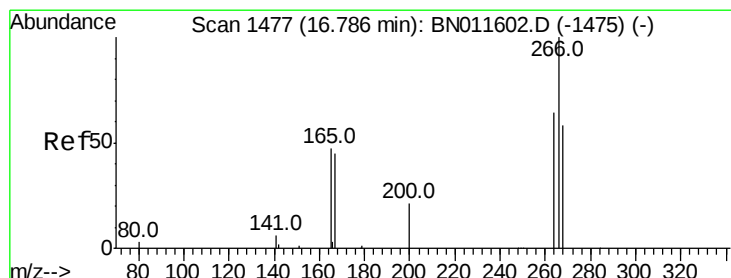
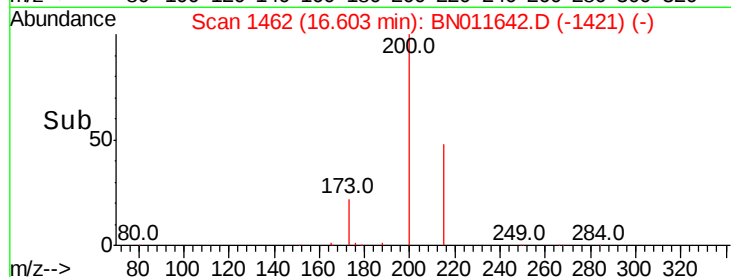
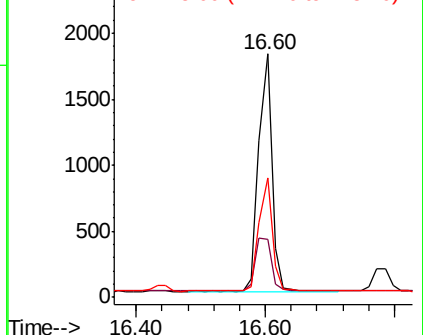
215 49.1 39.8 59.6



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: 0.331 ng

RT: 16.79 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

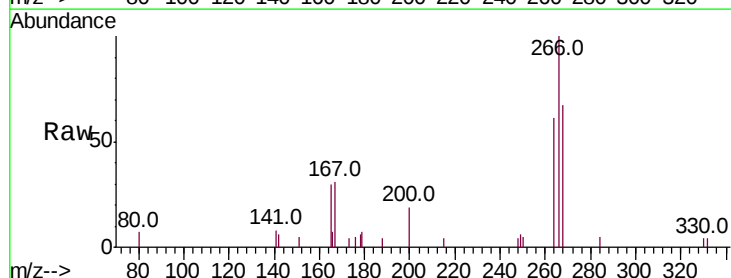
Tgt Ion:266 Resp: 1660

Ion Ratio Lower Upper

266 100

264 62.8 48.1 72.1

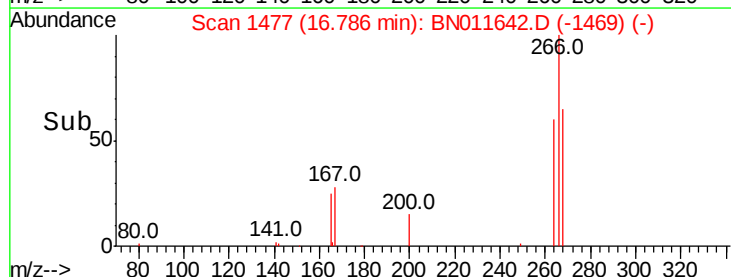
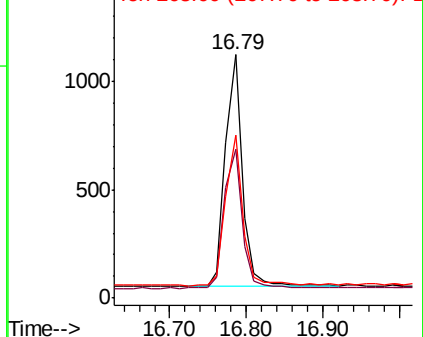
268 65.4 48.4 72.6

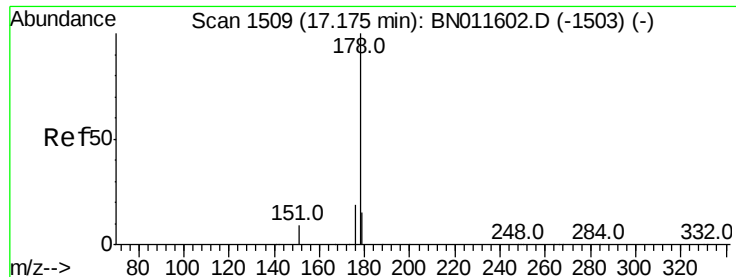


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.402 ng

RT: 17.18 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

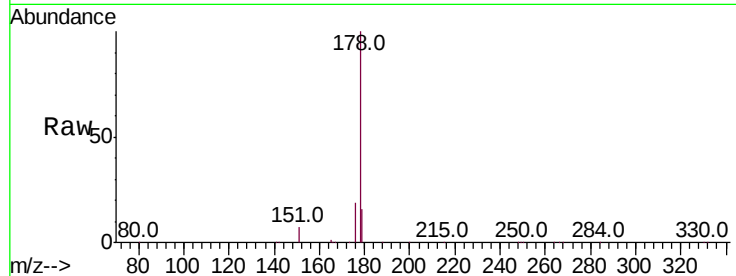
Tot Ion:178 Resp: 21060

Ion Ratio Lower Upper

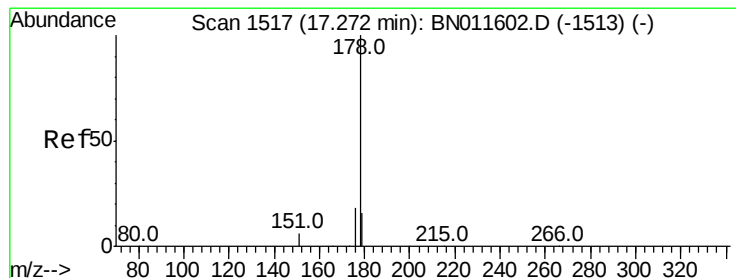
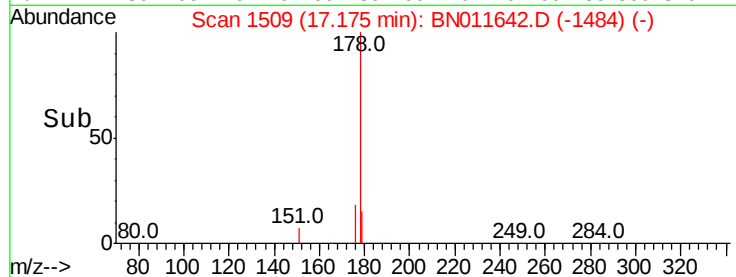
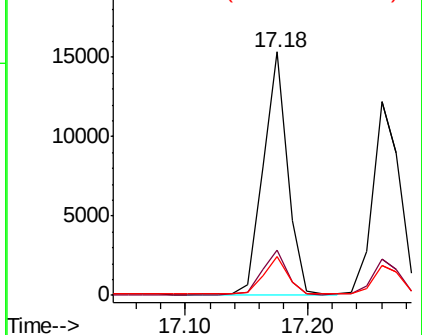
178 100

176 18.6 15.0 22.4

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: 0.365 ng

RT: 17.26 min Scan# 1516

Delta R.T. -0.01 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

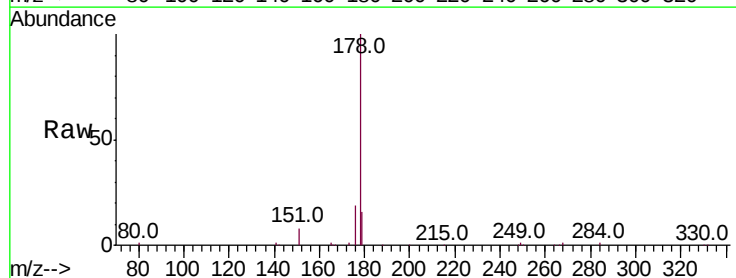
Tgt Ion:178 Resp: 18826

Ion Ratio Lower Upper

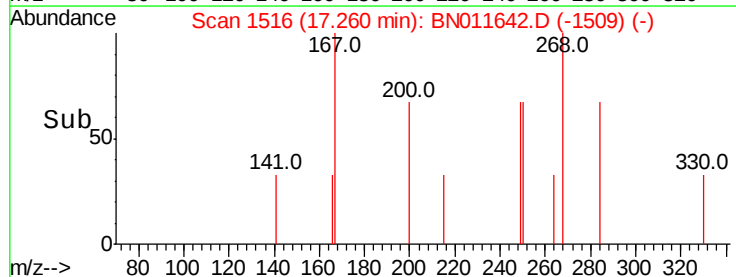
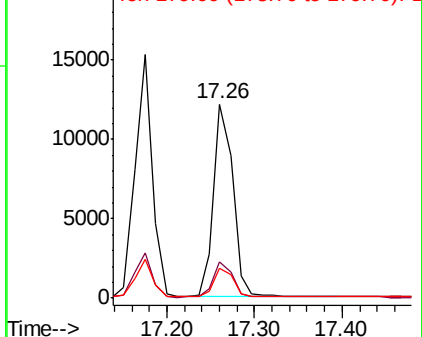
178 100

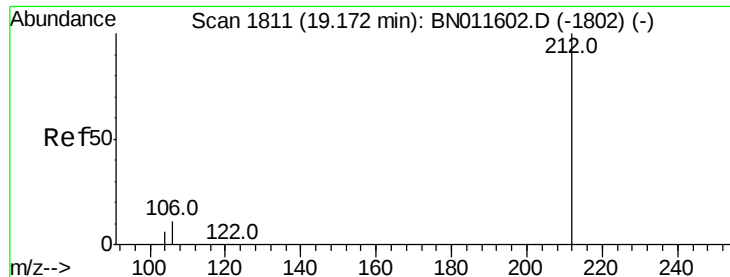
176 18.1 14.6 21.8

179 15.4 12.5 18.7



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

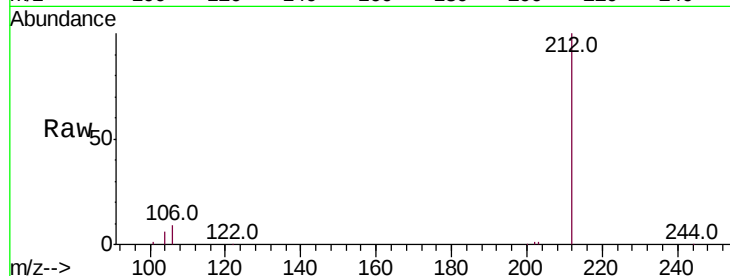




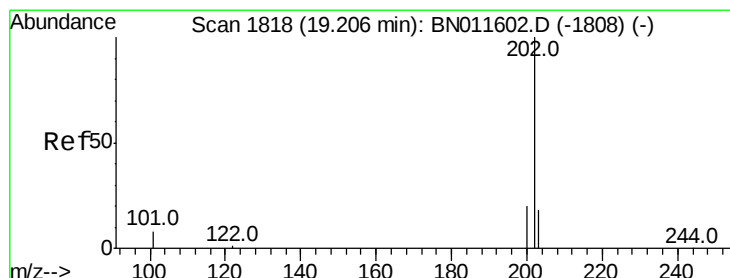
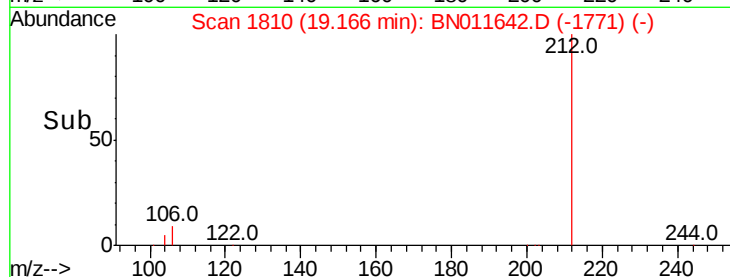
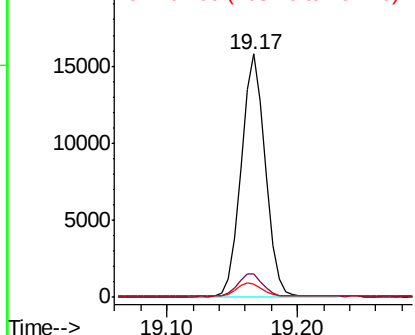
#27
Fluoranthene-d10
Concen: 0.370 ng
RT: 19.17 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BN011642.D
Acq: 26 Aug 2020 07:38

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:212 Resp: 20345
Ion Ratio Lower Upper
212 100
106 9.5 8.9 13.3
104 5.6 5.3 7.9

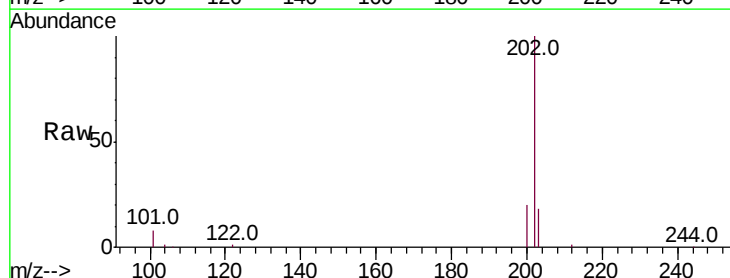


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

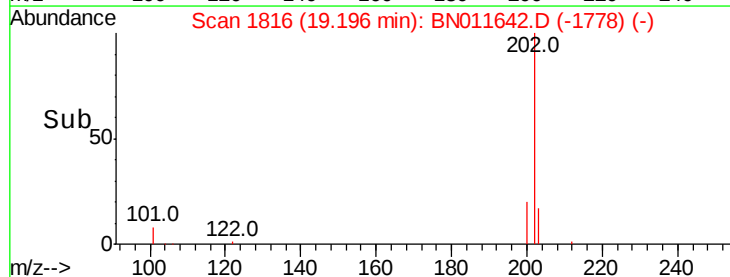
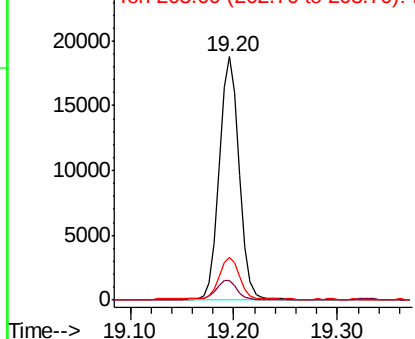


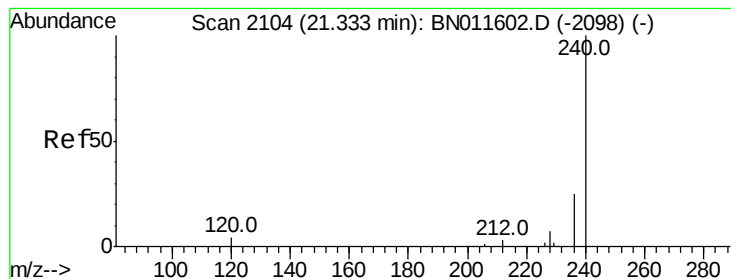
#28
Fluoranthene
Concen: 0.389 ng
RT: 19.20 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BN011642.D
Acq: 26 Aug 2020 07:38

Tgt Ion:202 Resp: 24695
Ion Ratio Lower Upper
202 100
101 8.2 7.7 11.5
203 17.4 13.9 20.9



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: 21.32 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

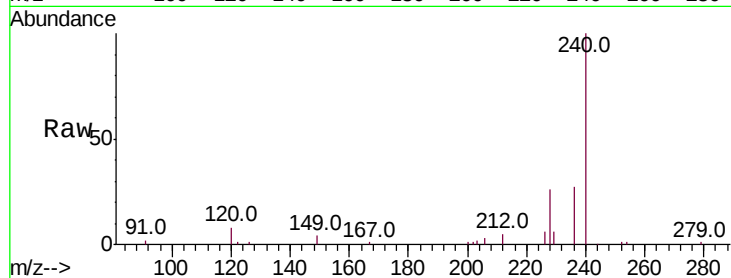
Tot Ion:240 Resp: 17210

Ion Ratio Lower Upper

240 100

120 8.1 6.0 9.0

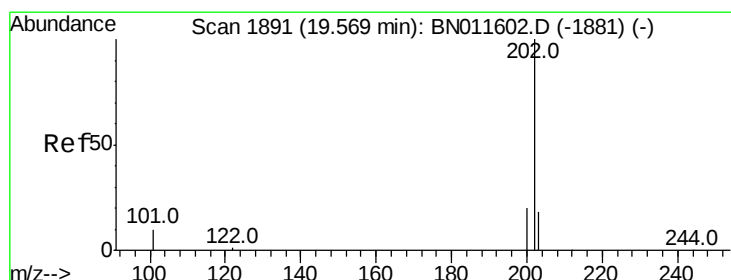
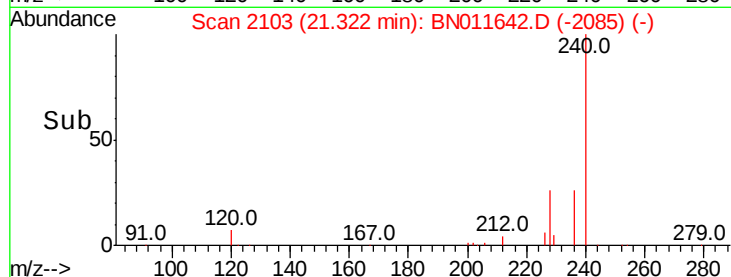
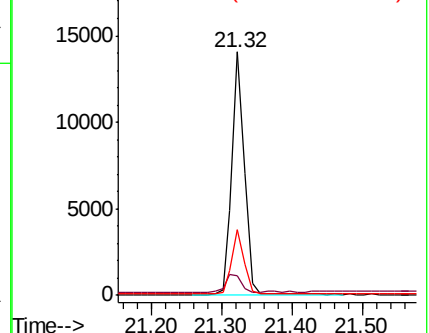
236 26.8 20.8 31.2



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: 0.406 ng

RT: 19.56 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

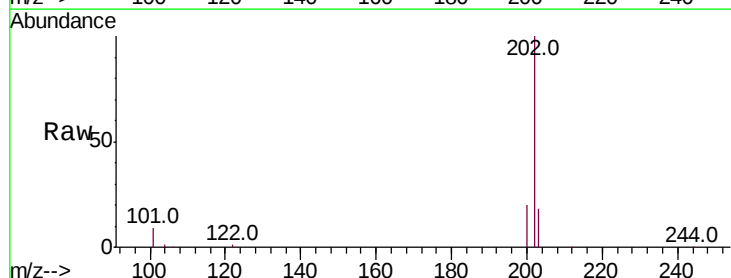
Tgt Ion:202 Resp: 24769

Ion Ratio Lower Upper

202 100

200 20.5 16.3 24.5

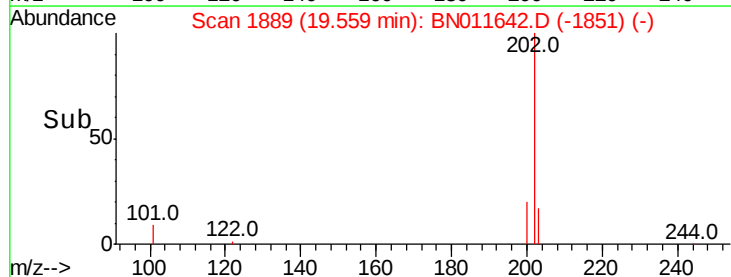
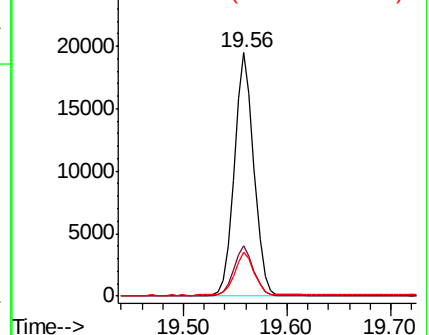
203 17.6 14.2 21.4

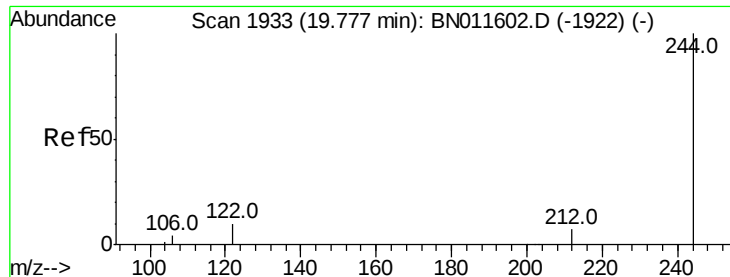


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.420 ng

RT: 19.77 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

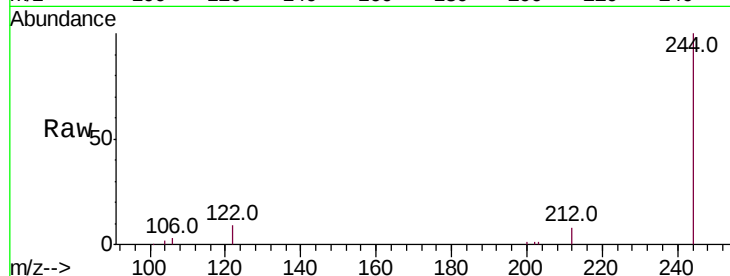
Tot Ion:244 Resp: 18472

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

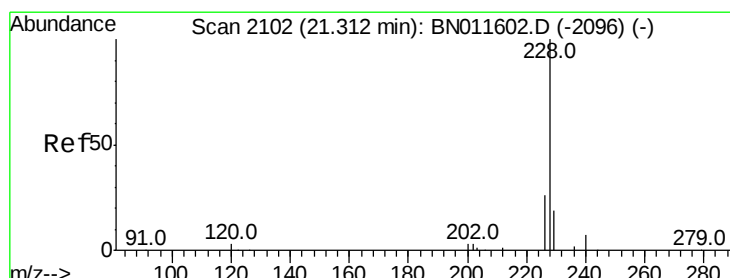
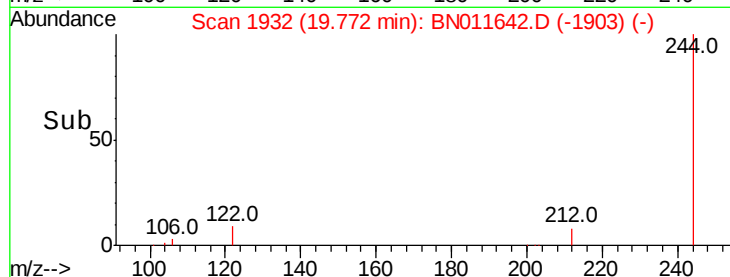
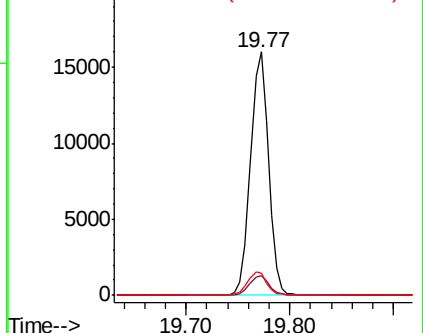
122 8.9 9.5 14.3#



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: 0.390 ng

RT: 21.31 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

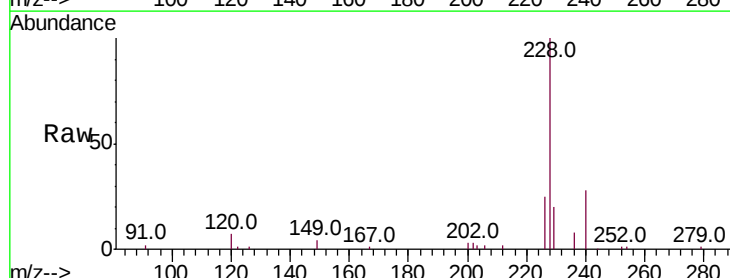
Tgt Ion:228 Resp: 24212

Ion Ratio Lower Upper

228 100

226 25.3 21.2 31.8

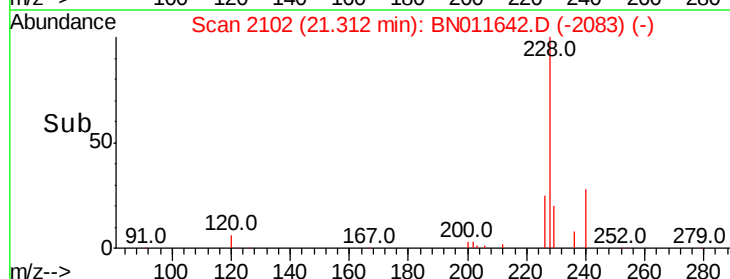
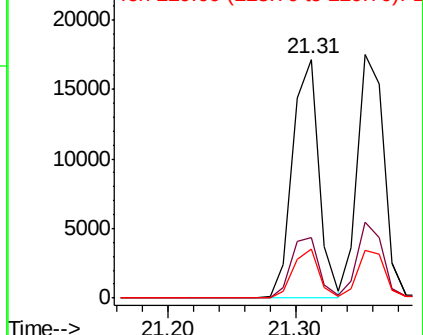
229 20.4 15.8 23.8

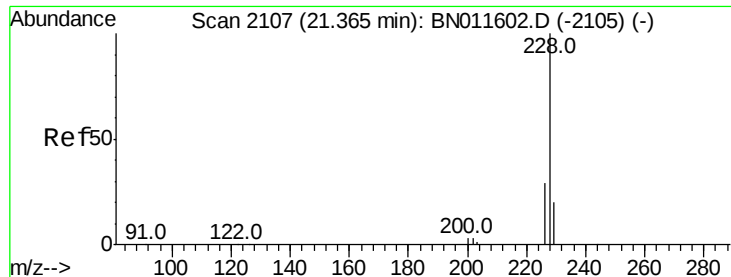


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.417 ng

RT: 21.35 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

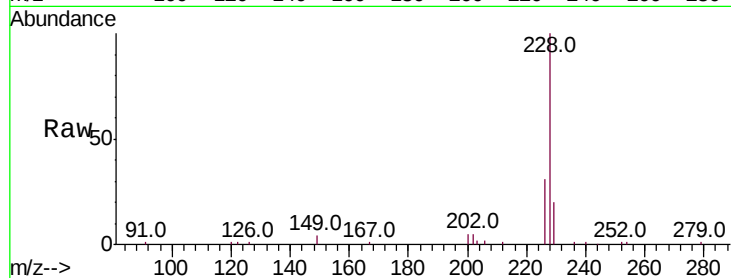
Tot Ion:228 Resp: 24677

Ion Ratio Lower Upper

228 100

226 31.2 23.6 35.4

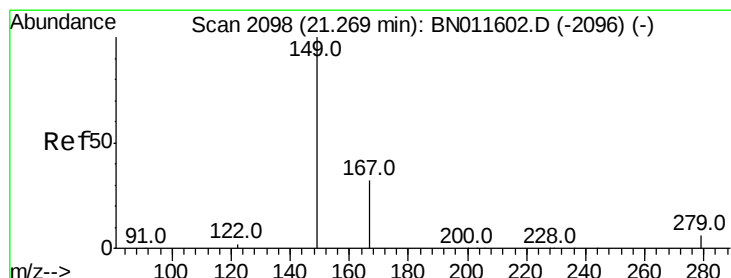
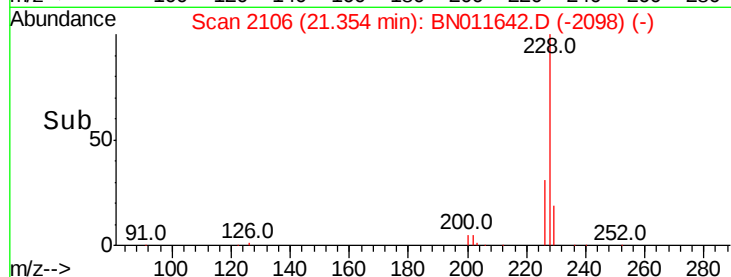
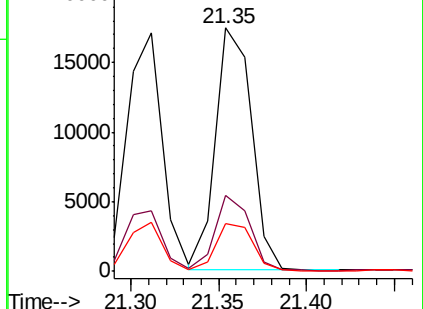
229 19.6 16.0 24.0



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: 0.198 ng

RT: 21.26 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

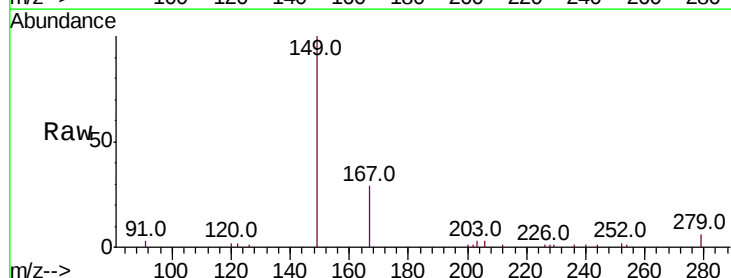
Tgt Ion:149 Resp: 10033

Ion Ratio Lower Upper

149 100

167 28.4 20.6 31.0

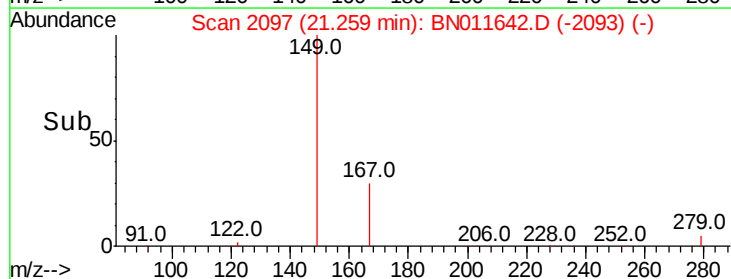
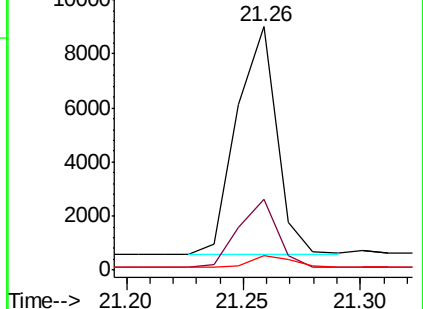
279 4.9 3.8 5.8

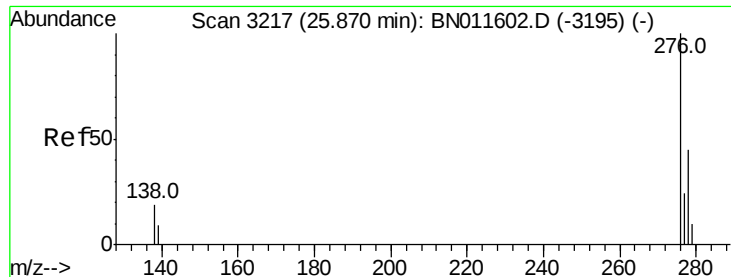


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

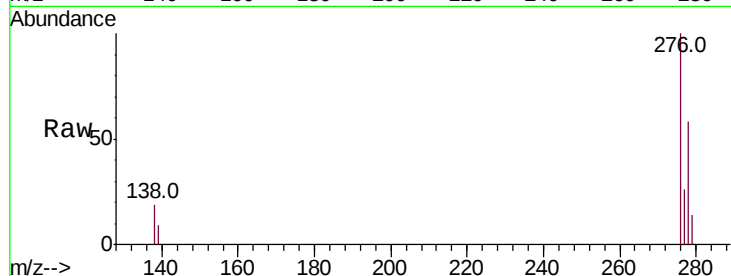




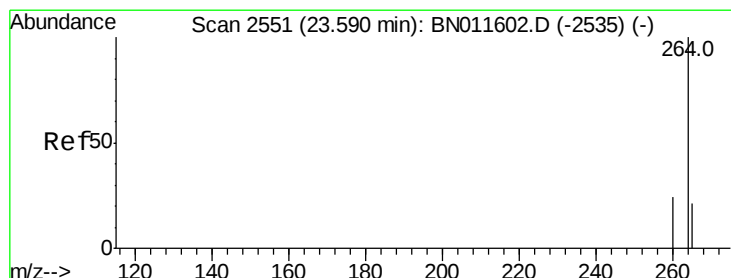
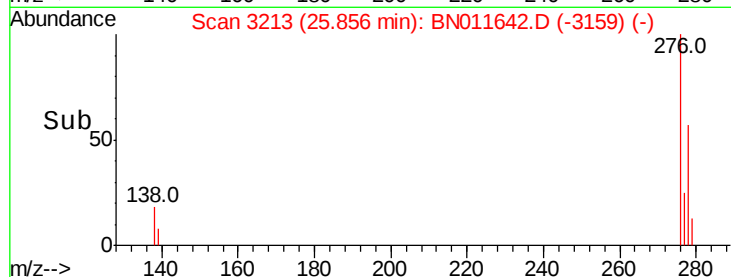
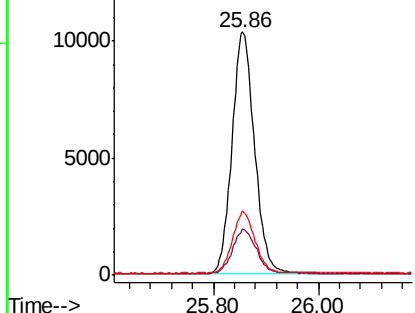
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.431 ng
 RT: 25.86 min Scan# 3213
 Delta R.T. -0.01 min
 Lab File: BN011642.D
 Acq: 26 Aug 2020 07:38

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion:276 Resp: 31094
 Ion Ratio Lower Upper
 276 100
 138 18.8 0.0 0.0#
 277 25.1 0.0 0.0#

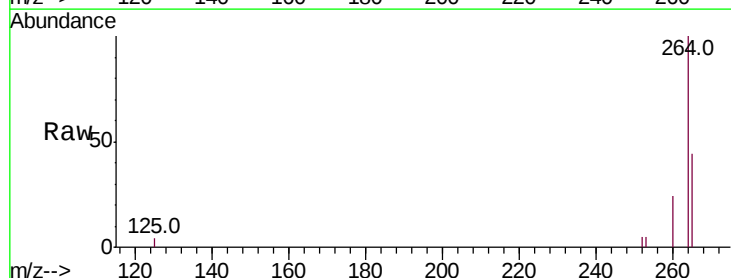


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

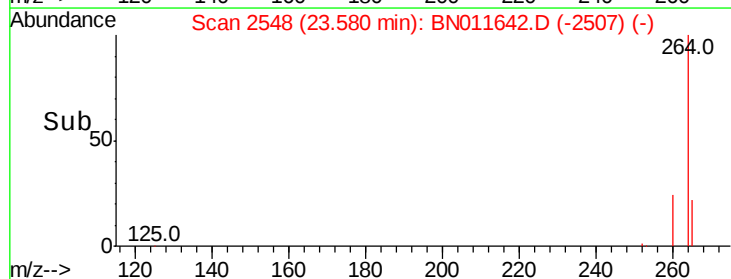
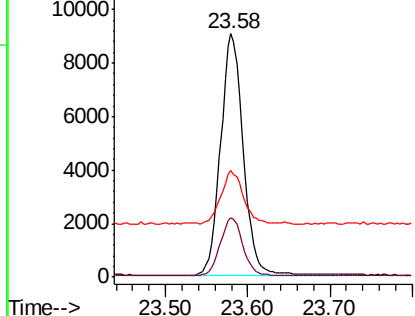


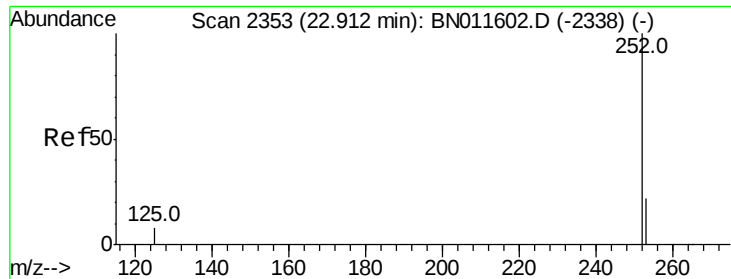
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.58 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BN011642.D
 Acq: 26 Aug 2020 07:38

Tgt Ion:264 Resp: 17230
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 43.6 40.7 61.1



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: 0.417 ng

RT: 22.90 min Scan# 2350

Delta R.T. -0.01 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

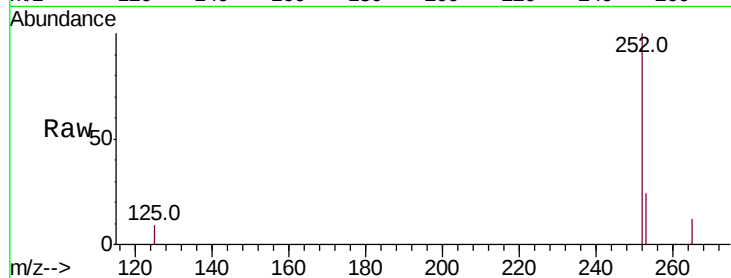
Tot Ion:252 Resp: 26048

Ion Ratio Lower Upper

252 100

253 23.6 21.0 31.6

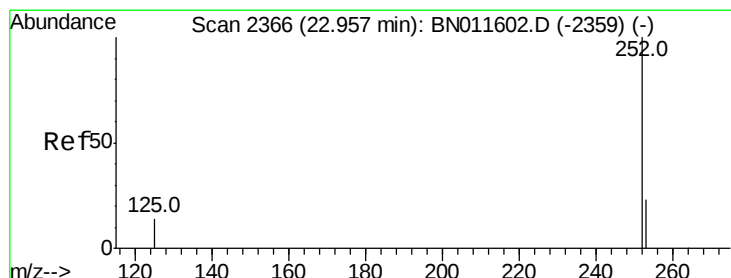
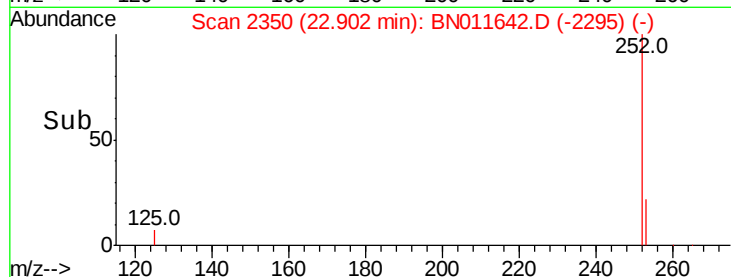
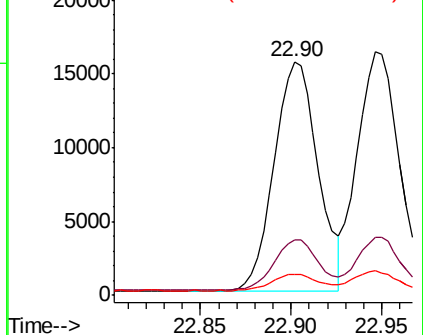
125 9.0 11.0 16.6#



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: 0.424 ng

RT: 22.95 min Scan# 2363

Delta R.T. -0.01 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

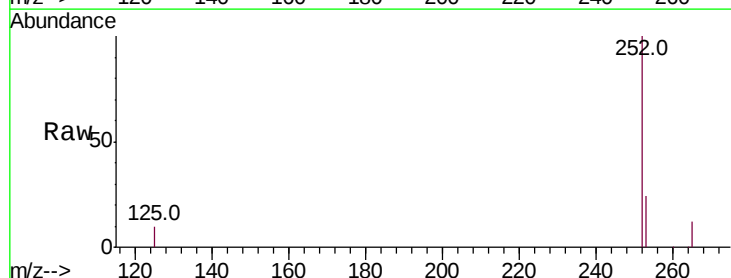
Tgt Ion:252 Resp: 26305

Ion Ratio Lower Upper

252 100

253 23.8 21.2 31.8

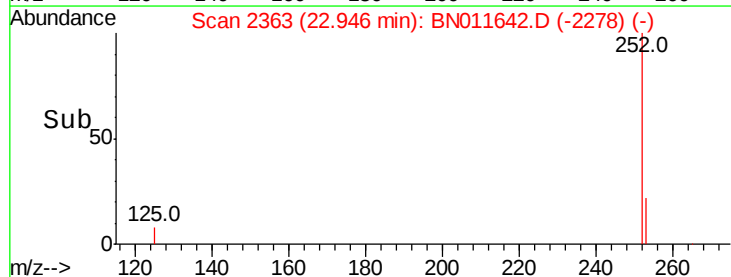
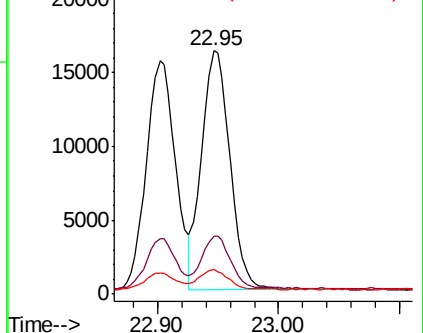
125 10.0 14.6 21.8#

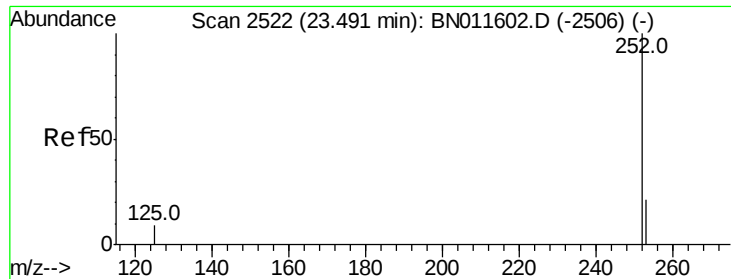


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.389 ng

RT: 23.48 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

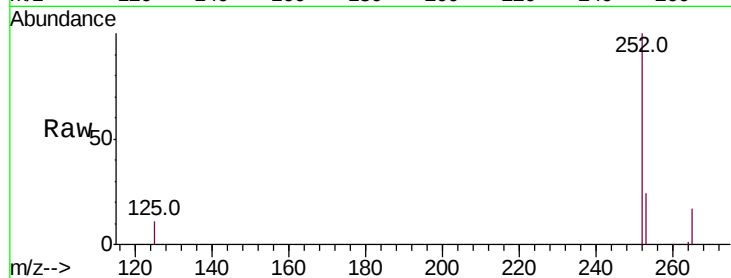
Tot Ion:252 Resp: 22656

Ion Ratio Lower Upper

252 100

253 24.5 21.2 31.8

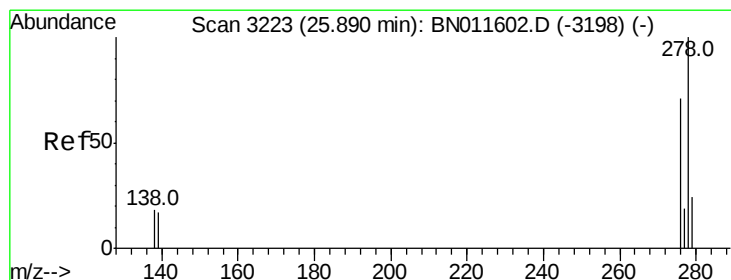
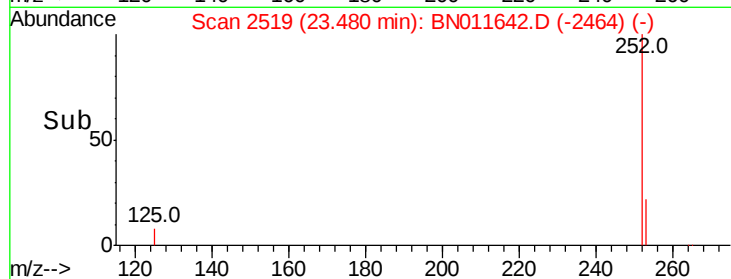
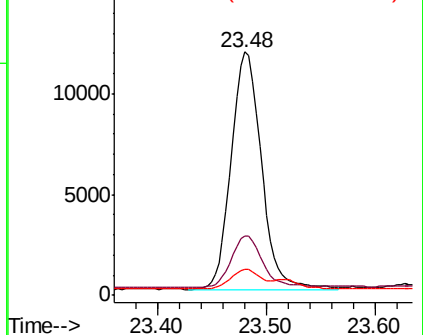
125 10.6 12.1 18.1#



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: 0.424 ng

RT: 25.87 min Scan# 3218

Delta R.T. -0.02 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

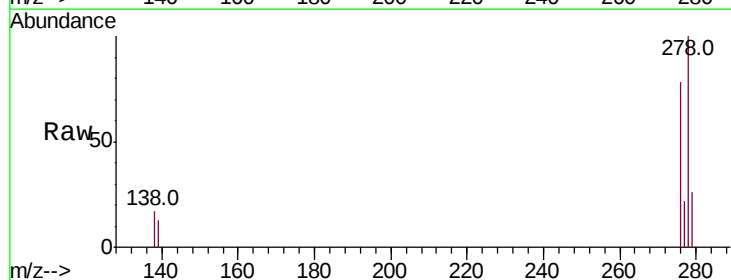
Tgt Ion:278 Resp: 25794

Ion Ratio Lower Upper

278 100

139 13.0 16.6 25.0#

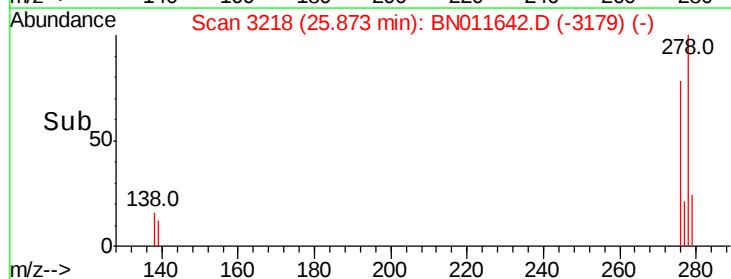
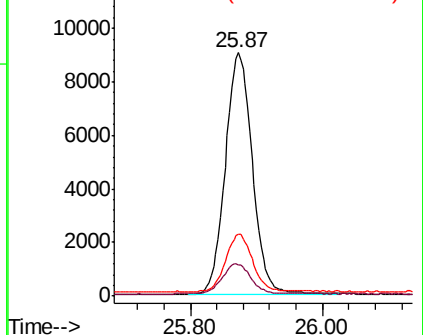
279 25.6 21.4 32.2

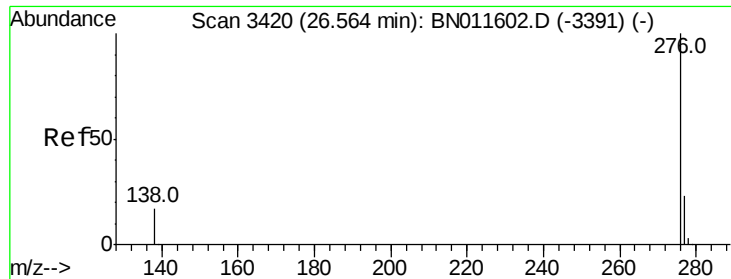


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.421 ng

RT: 26.55 min Scan# 3415

Delta R.T. -0.02 min

Lab File: BN011642.D

Acq: 26 Aug 2020 07:38

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

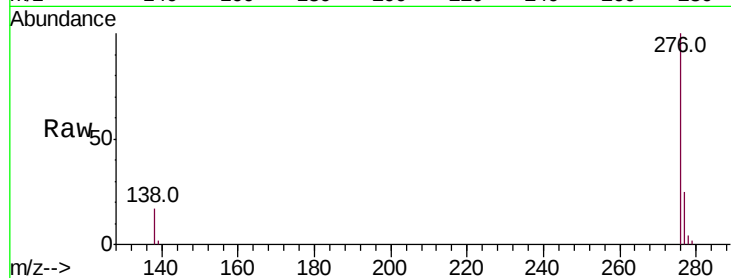
Tot Ion:276 Resp: 24826

Ion Ratio Lower Upper

276 100

277 24.7 20.5 30.7

138 16.9 17.8 26.6#



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

