

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082620\
 Data File : BN011650.D
 Acq On : 26 Aug 2020 18:09
 Operator : CG/JU
 Sample : L3781-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CS-2BMSD

Quant Time: Aug 26 19:04:33 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	7.75	152	2661	0.40	ng	-0.02
7) Naphthalene-d8	10.53	136	10801	0.40	ng	-0.01
13) Acenaphthene-d10	14.38	164	5963	0.40	ng	-0.01
19) Phenanthrene-d10	17.13	188	12473	0.40	ng	-0.01
29) Chrysene-d12	21.32	240	12538	0.40	ng	-0.01
36) Perylene-d12	23.58	264	15749	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.34	112	2693	0.32	ng	0.00
5) Phenol-d6	6.91	99	3551	0.30	ng	0.00
8) Nitrobenzene-d5	8.88	82	3416	0.37	ng	-0.03
11) 2-Methylnaphthalene-d10	12.13	152	6602	0.32	ng	-0.01
14) 2,4,6-Tribromophenol	15.88	330	886	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	8351	0.36	ng	-0.01
27) Fluoranthene-d10	19.16	212	12623	0.31	ng	0.00
31) Terphenyl-d14	19.77	244	10976	0.34	ng	0.00

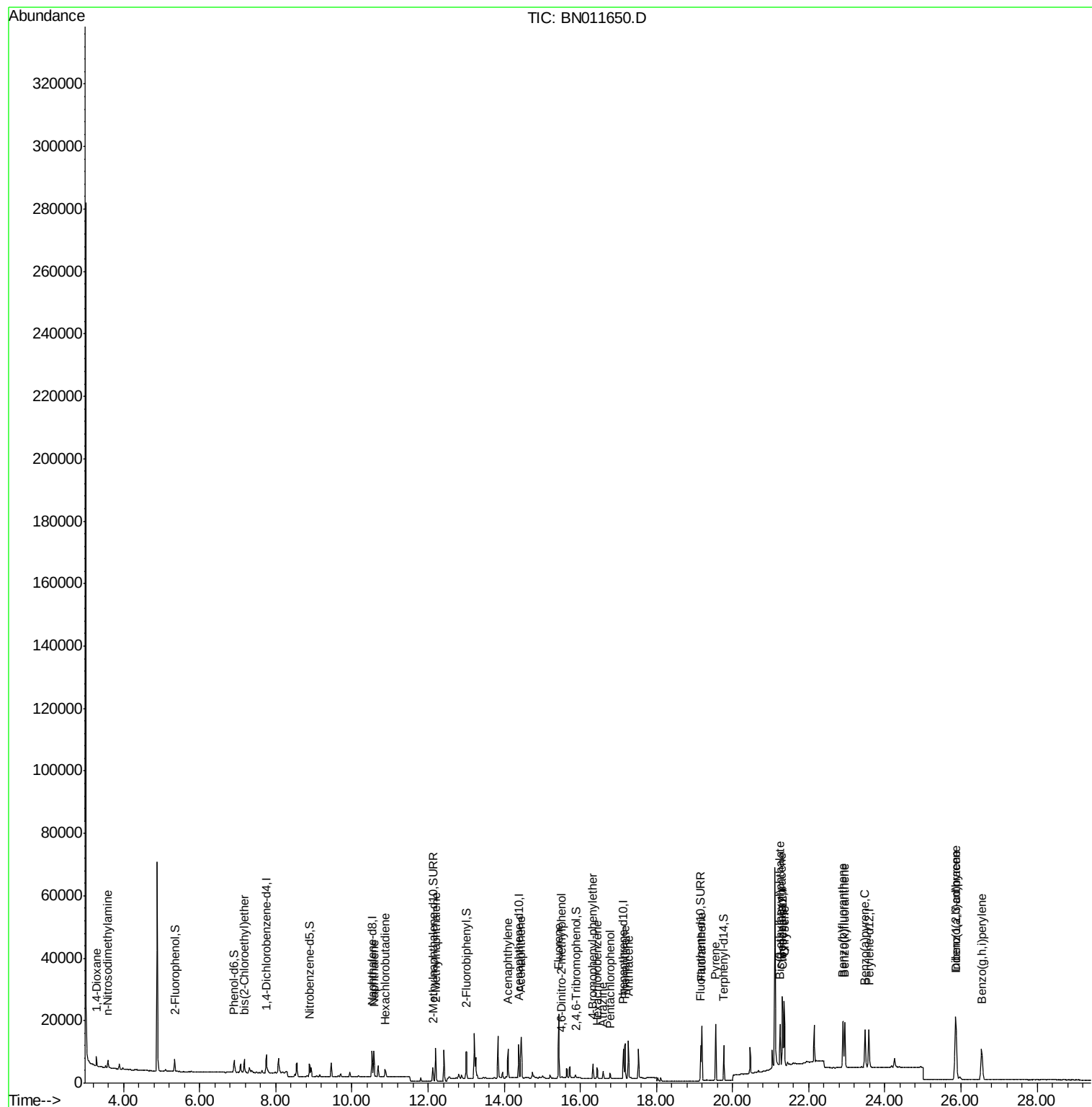
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	1737	0.421	ng	# 1
3) n-Nitrosodimethylamine	3.59	42	1528	0.352	ng	# 97
6) bis(2-Chloroethyl)ether	7.18	93	2998	0.351	ng	97
9) Naphthalene	10.58	128	10357	0.337	ng	94
10) Hexachlorobutadiene	10.87	225	1994	0.310	ng	# 98
12) 2-Methylnaphthalene	12.20	142	7284	0.321	ng	97
16) Acenaphthylene	14.10	152	9985	0.318	ng	99
17) Acenaphthene	14.45	154	6402	0.321	ng	94
18) Fluorene	15.44	166	8198	0.318	ng	98
20) 4,6-Dinitro-2-methylphenol	15.51	198	285	0.198	ng	# 65
21) 4-Bromophenyl-phenylether	16.32	248	2327	0.320	ng	91
22) Hexachlorobenzene	16.44	284	2862	0.340	ng	100
23) Atrazine	16.59	200	1899	0.264	ng	97
24) Pentachlorophenol	16.77	266	905	0.244	ng	97
25) Phenanthrene	17.18	178	13125	0.339	ng	99
26) Anthracene	17.26	178	12162	0.319	ng	99
28) Fluoranthene	19.19	202	15372	0.327	ng	99
30) Pyrene	19.55	202	16052	0.361	ng	99
32) Benzo(a)anthracene	21.30	228	16901	0.374	ng	97
33) Chrysene	21.35	228	16304	0.378	ng	99
34) Bis(2-ethylhexyl)phthalate	21.25	149	9671	0.295	ng	95
35) Indeno(1,2,3-cd)pyrene	25.85	276	24640	0.468	ng	# 100
37) Benzo(b)fluoranthene	22.90	252	18632	0.327	ng	# 97
38) Benzo(k)fluoranthene	22.95	252	18890	0.333	ng	99
39) Benzo(a)pyrene	23.48	252	17389	0.327	ng	# 96
40) Dibenzo(a,h)anthracene	25.87	278	20793	0.374	ng	97
41) Benzo(g,h,i)perylene	26.54	276	21344	0.396	ng	97

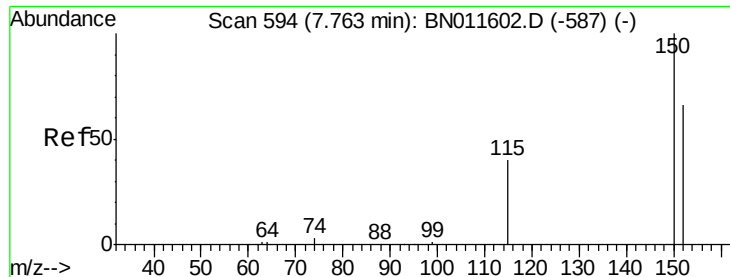
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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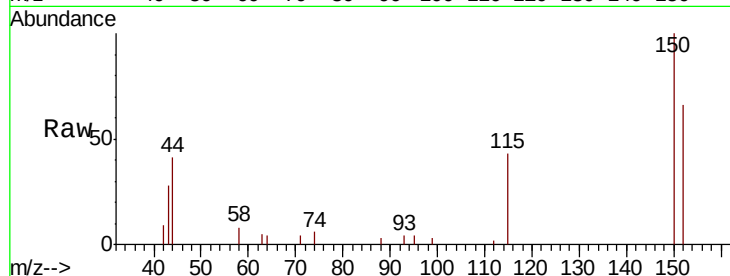


#1

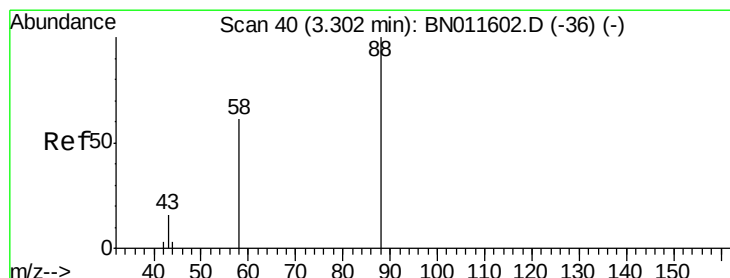
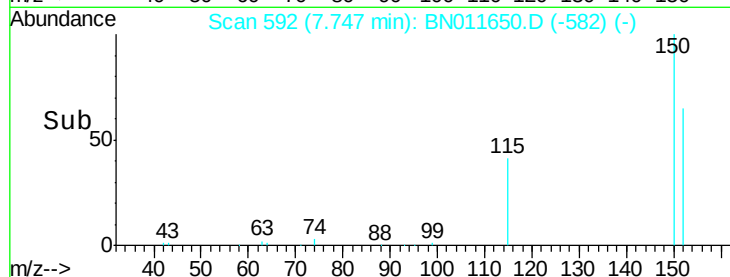
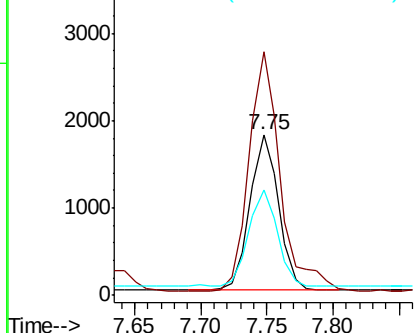
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 592
Delta R.T. -0.02 min
Lab File: BN011650.D
Acq: 26 Aug 2020 18:09

Instrument :
BNA_N
ClientSampleId :
CS-2BMSD

Tot Ion:152 Resp: 2661
Ion Ratio Lower Upper
152 100
150 151.7 112.4 168.6
115 66.0 56.9 85.3



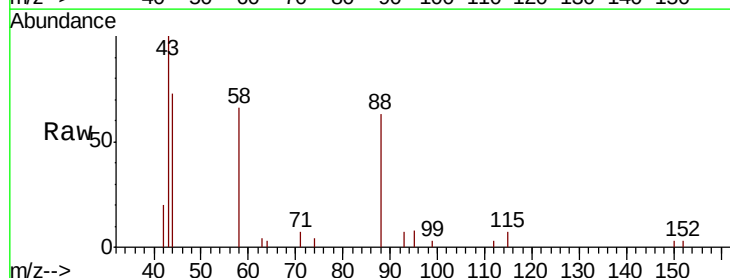
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



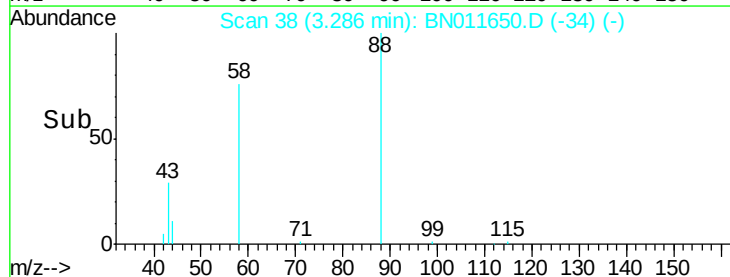
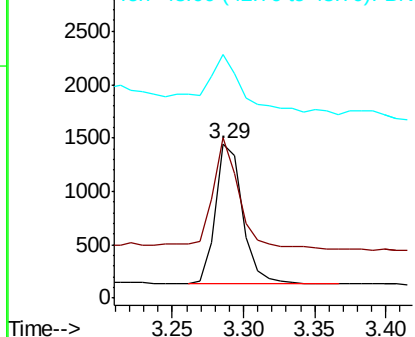
#2

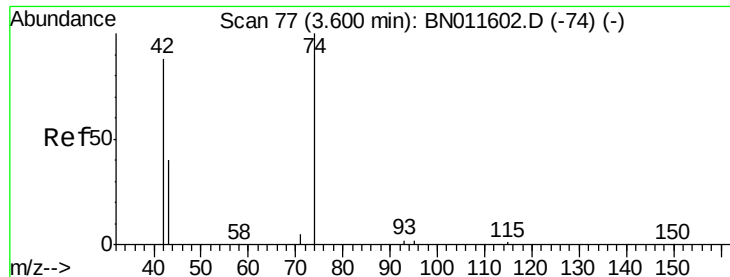
1,4-Dioxane
Concen: 0.421 ng
RT: 3.29 min Scan# 38
Delta R.T. -0.02 min
Lab File: BN011650.D
Acq: 26 Aug 2020 18:09

Tgt Ion: 88 Resp: 1737
Ion Ratio Lower Upper
88 100
58 76.9 3.0 4.4#
43 51.6 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: 0.352 ng

RT: 3.59 min Scan# 76

Delta R.T. -0.01 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

Instrument :

BNA_N

ClientSampleId :

CS-2BMSD

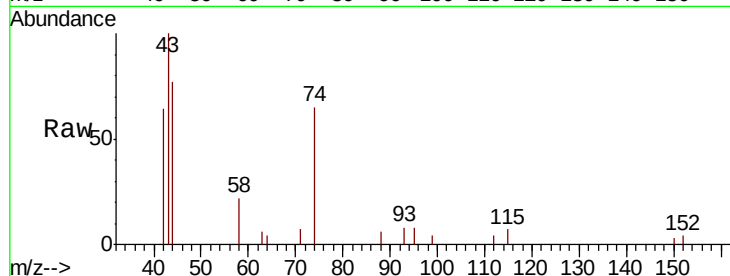
Tot Ion: 42 Resp: 1528

Ion Ratio Lower Upper

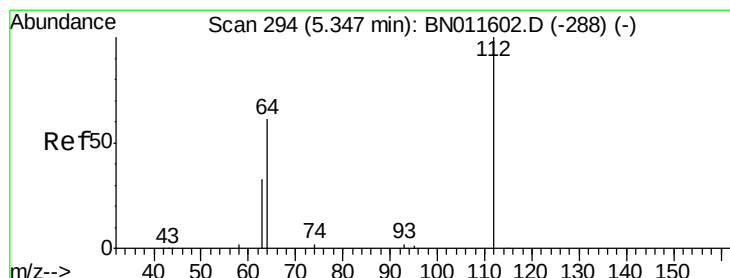
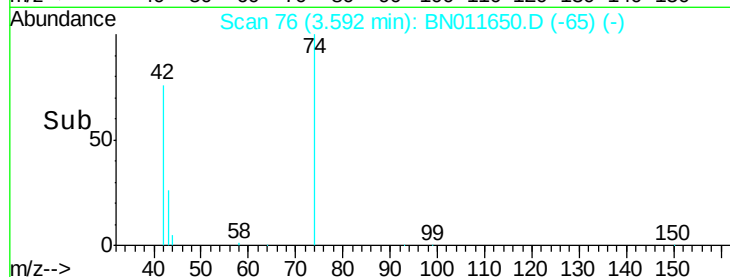
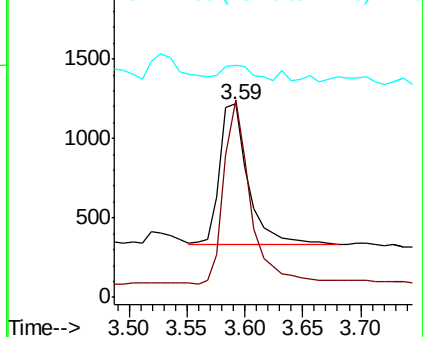
42 100

74 118.8 0.0 0.0#

44 11.3 8.2 12.4



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: 0.317 ng

RT: 5.34 min Scan# 293

Delta R.T. -0.01 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

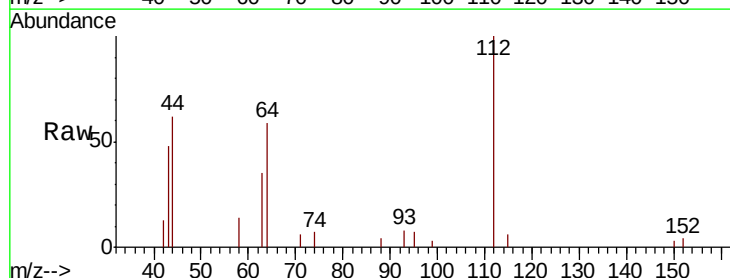
Tgt Ion: 112 Resp: 2693

Ion Ratio Lower Upper

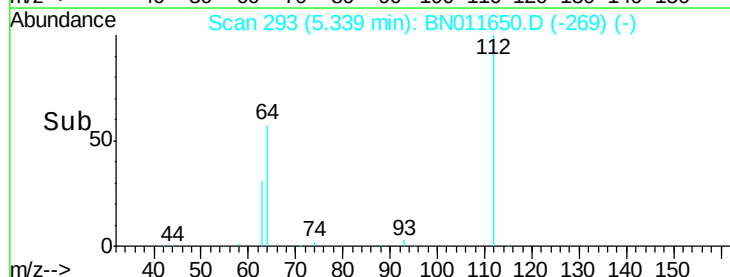
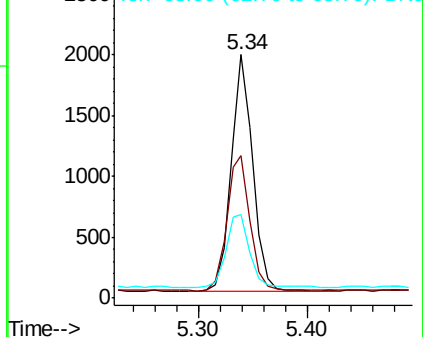
112 100

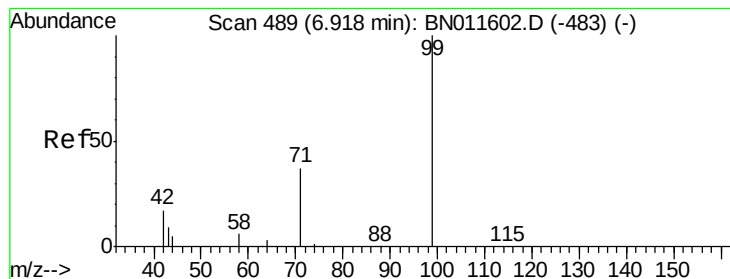
64 61.2 49.6 74.4

63 33.9 26.4 39.6



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: 0.295 ng

RT: 6.91 min Scan# 488

Delta R.T. -0.01 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

Instrument :

BNA_N

ClientSampleId :

CS-2BMSD

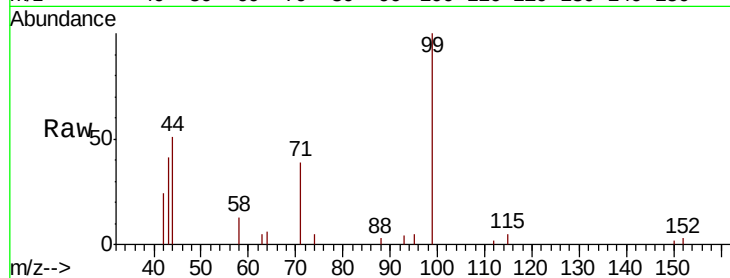
Tot Ion: 99 Resp: 3551

Ion Ratio Lower Upper

99 100

42 22.4 0.0 0.0#

71 38.4 0.0 0.0#

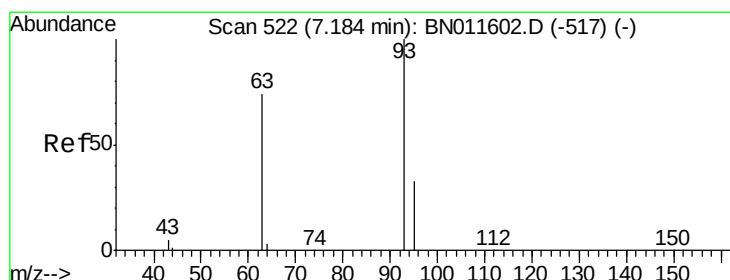
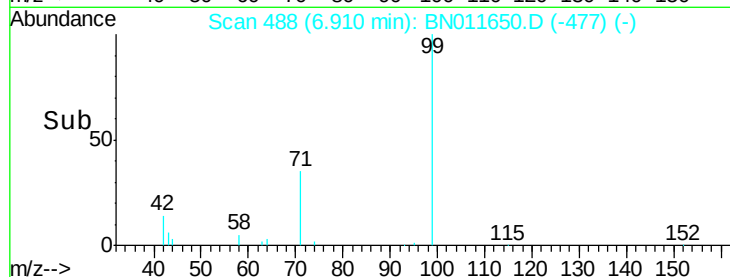


Abundance Ion 99.00 (98.70 to 99.70): BN011650.D (-477) (-)

Ion 42.00 (41.70 to 42.70): BN011650.D (-477) (-)

Ion 71.00 (70.70 to 71.70): BN011650.D (-477) (-)

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.351 ng

RT: 7.18 min Scan# 521

Delta R.T. -0.01 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

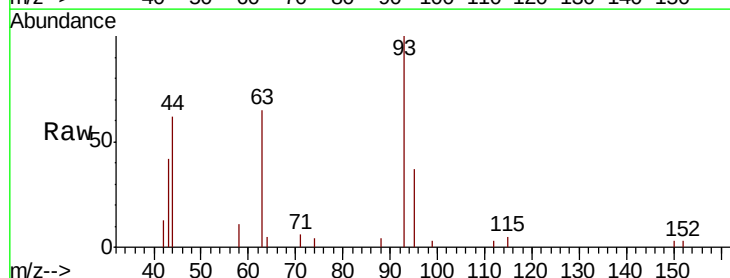
Tgt Ion: 93 Resp: 2998

Ion Ratio Lower Upper

93 100

63 74.8 57.8 86.8

95 34.4 28.3 42.5

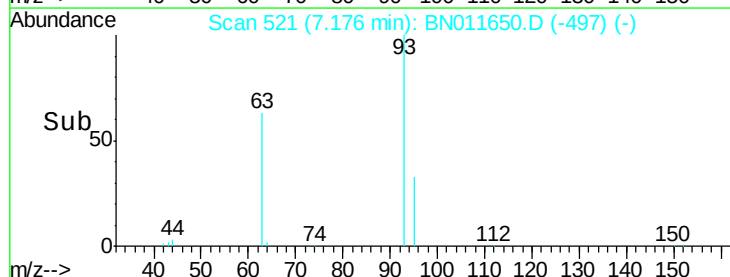


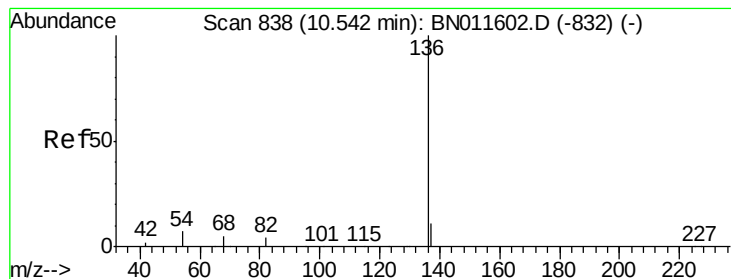
Abundance Ion 93.00 (92.70 to 93.70): BN011650.D (-497) (-)

Ion 63.00 (62.70 to 63.70): BN011650.D (-497) (-)

Ion 95.00 (94.70 to 95.70): BN011650.D (-497) (-)

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

Instrument :

BNA_N

ClientSampleId :

CS-2BMSD

Tot Ion:136 Resp: 10801

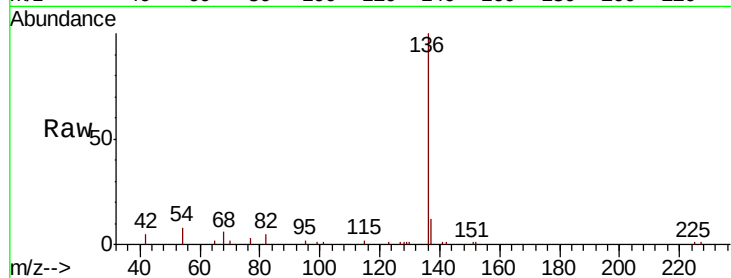
Ion Ratio Lower Upper

136 100

137 11.7 11.5 17.3

54 8.1 11.9 17.9#

68 6.4 12.3 18.5#

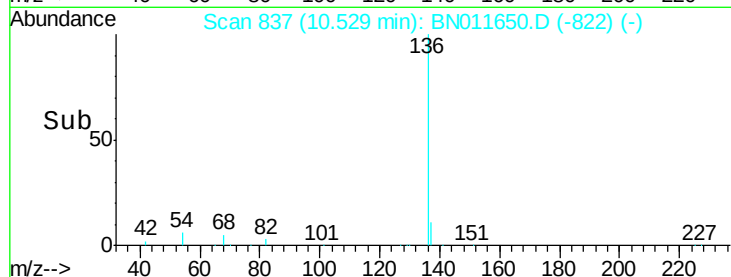


Abundance Ion 136.00 (135.70 to 136.70): E

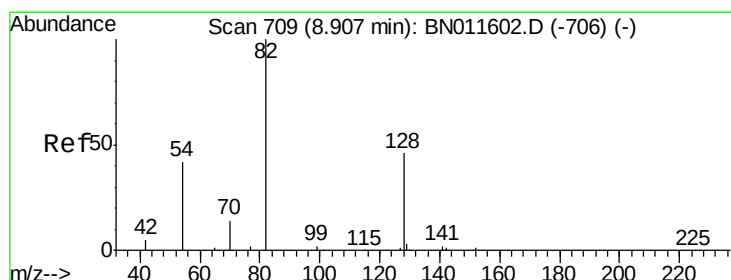
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



Time-->



#8

Nitrobenzene-d5

Concen: 0.365 ng

RT: 8.88 min Scan# 707

Delta R.T. -0.03 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

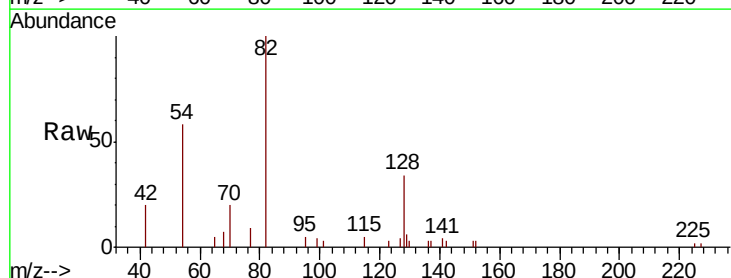
Tgt Ion: 82 Resp: 3416

Ion Ratio Lower Upper

82 100

128 33.5 31.1 46.7

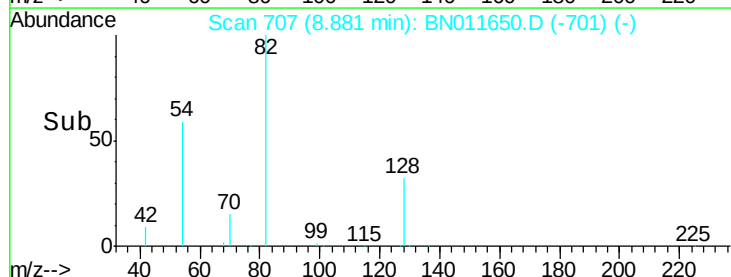
54 58.5 37.1 55.7#



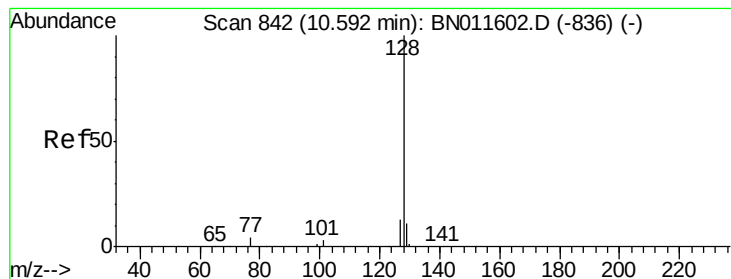
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC



Time-->



#9

Naphthalene

Concen: 0.337 ng

RT: 10.58 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

Instrument :

BNA_N

ClientSampleId :

CS-2BMSD

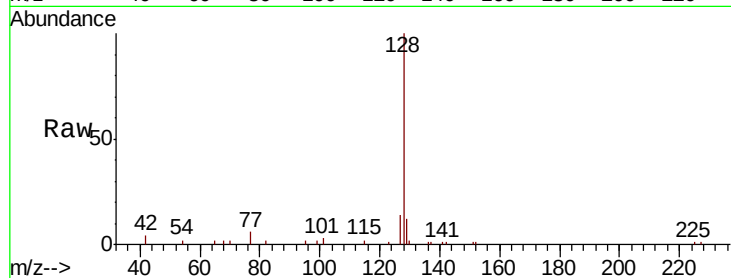
Tot Ion:128 Resp: 10357

Ion Ratio Lower Upper

128 100

129 11.7 11.0 16.4

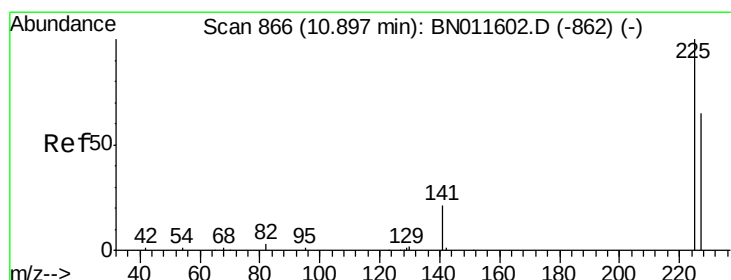
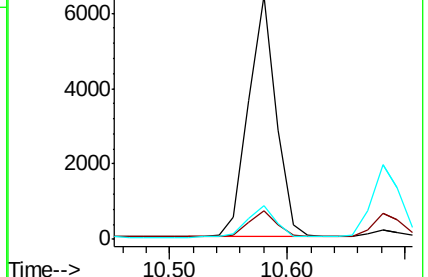
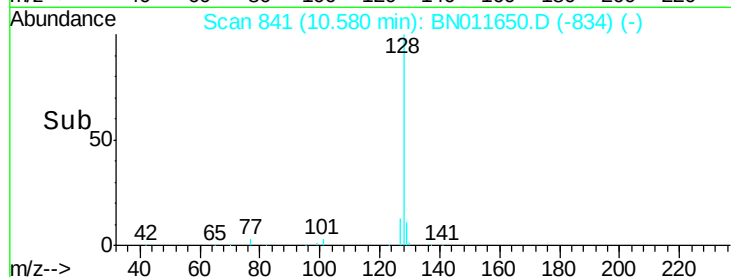
127 13.8 13.5 20.3



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: 0.310 ng

RT: 10.87 min Scan# 864

Delta R.T. -0.03 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

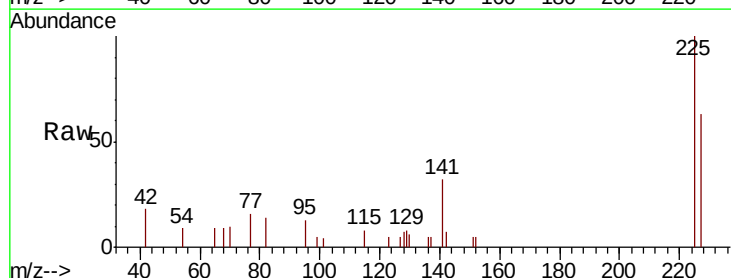
Tgt Ion:225 Resp: 1994

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

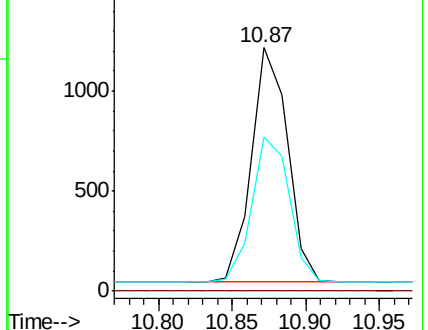
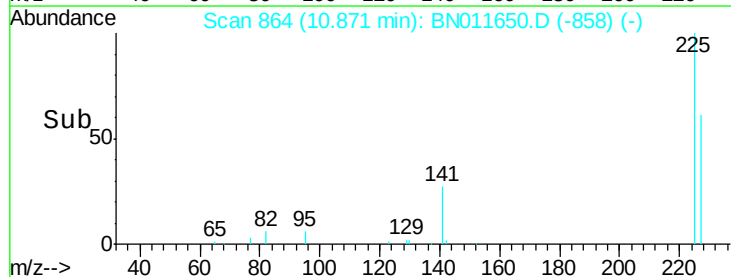
227 64.5 50.2 75.2

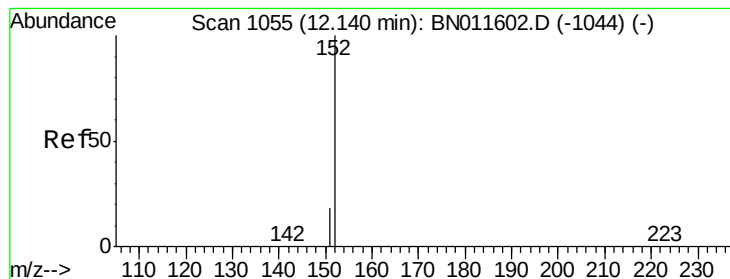


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.323 ng

RT: 12.13 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

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ClientSampleId :

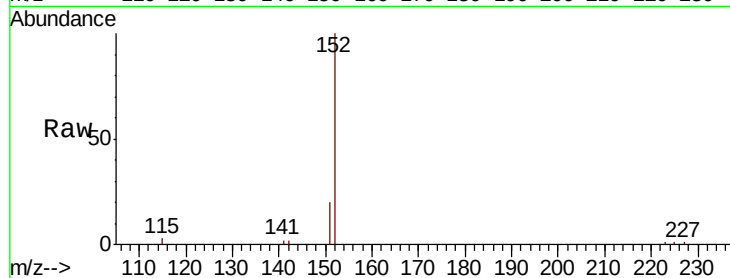
CS-2BMSD

Tot Ion:152 Resp: 6602

Ion Ratio Lower Upper

152 100

151 19.2 16.4 24.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.13

4000

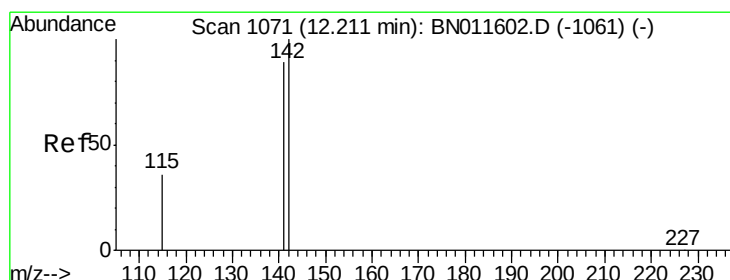
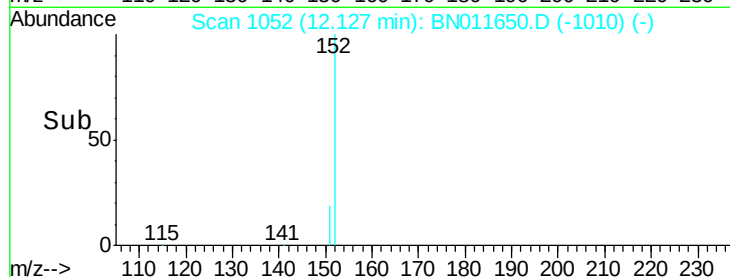
3000

2000

1000

0

Time--> 12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.321 ng

RT: 12.20 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

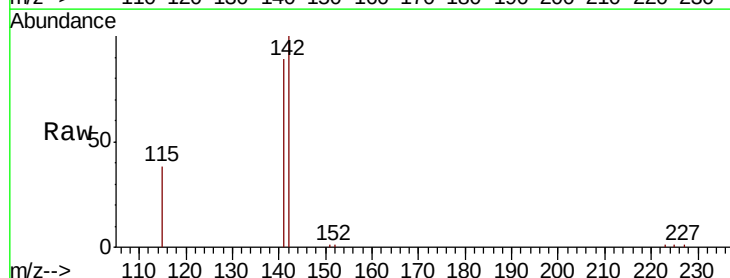
Tgt Ion:142 Resp: 7284

Ion Ratio Lower Upper

142 100

141 89.0 72.7 109.1

115 37.6 32.7 49.1



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

12.20

6000

5000

4000

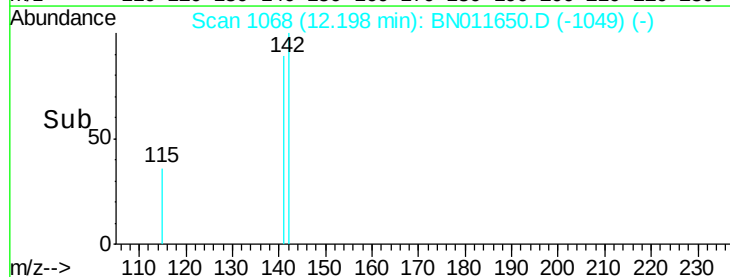
3000

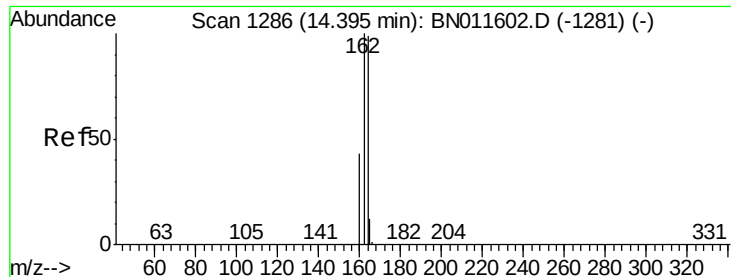
2000

1000

0

Time--> 12.10 12.15 12.20 12.25





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

Instrument :

BNA_N

ClientSampleId :

CS-2BMSD

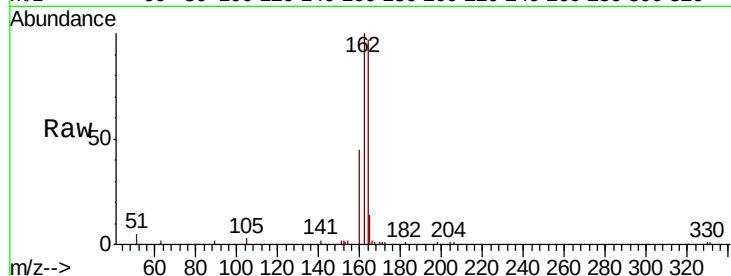
Tot Ion:164 Resp: 5963

Ion Ratio Lower Upper

164 100

162 102.6 80.8 121.2

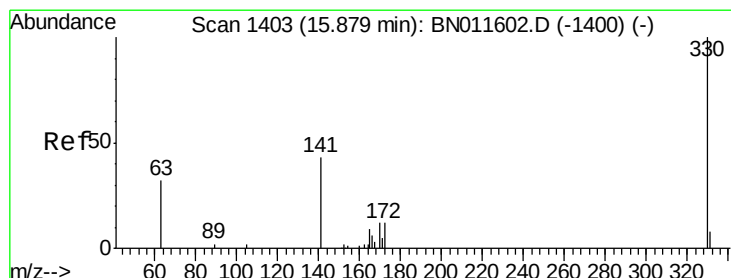
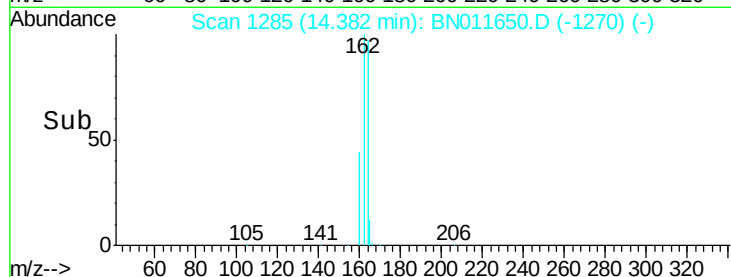
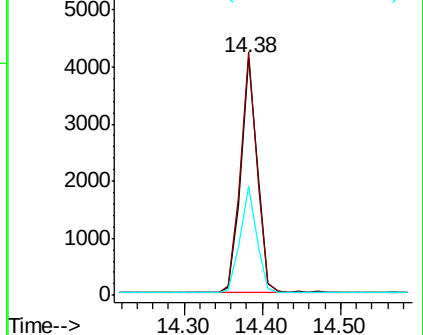
160 46.3 35.6 53.4



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: 0.270 ng

RT: 15.88 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

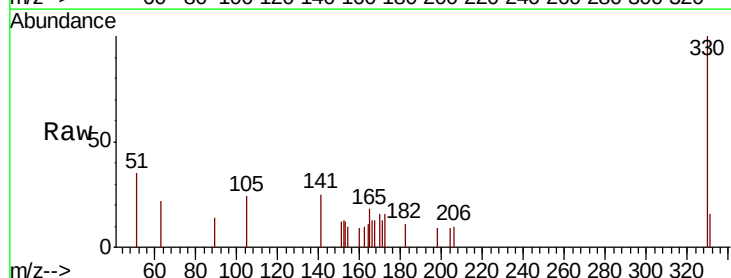
Tgt Ion:330 Resp: 886

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

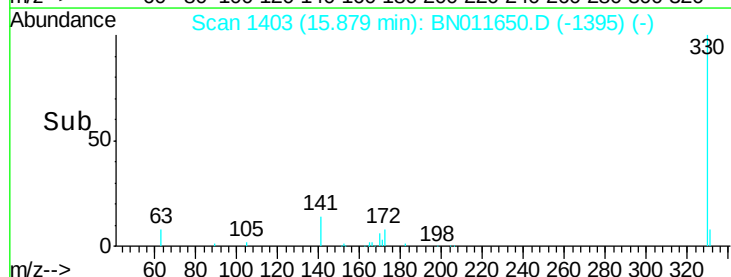
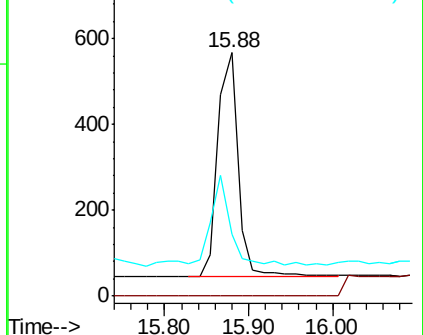
141 38.3 29.4 44.2

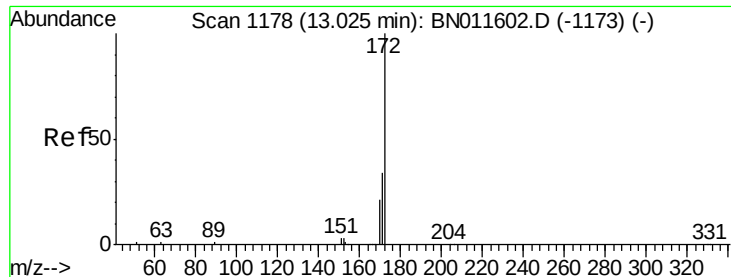


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

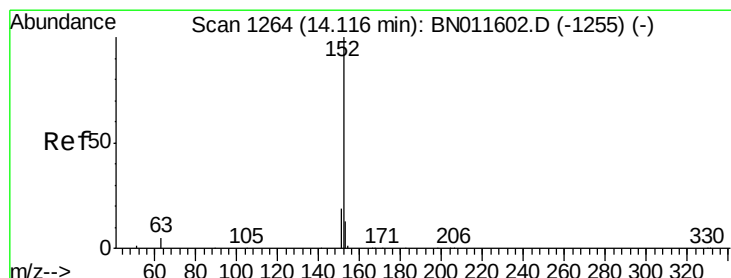
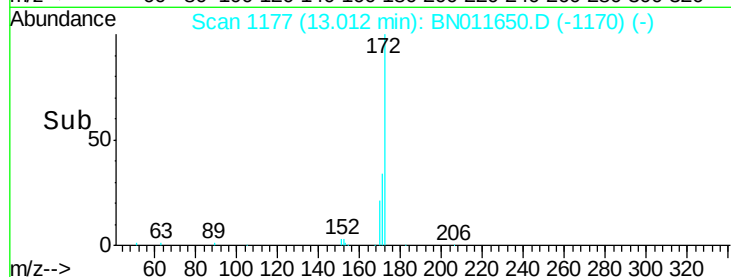
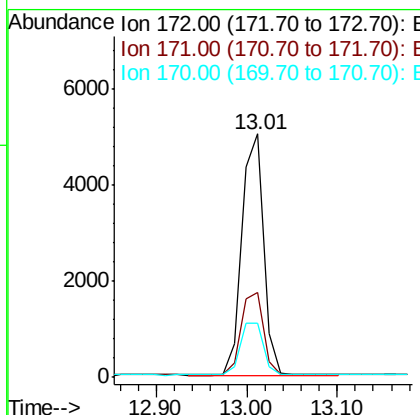
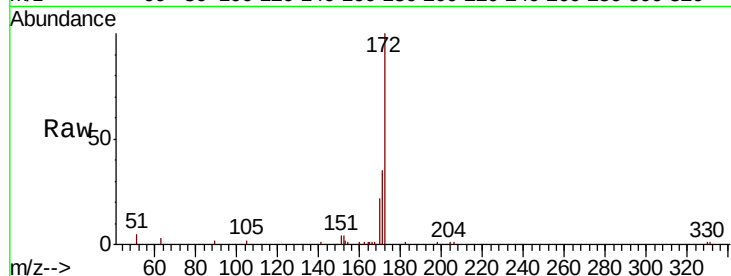




#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 13.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN011650.D
Acq: 26 Aug 2020 18:09

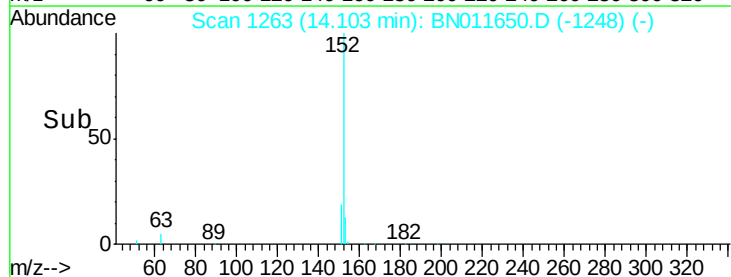
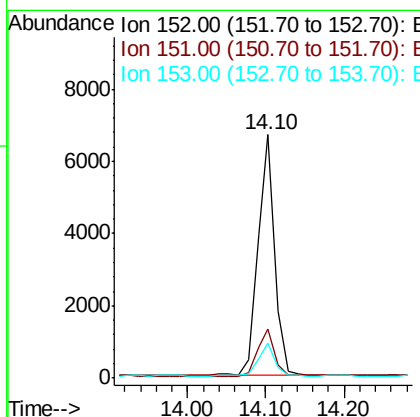
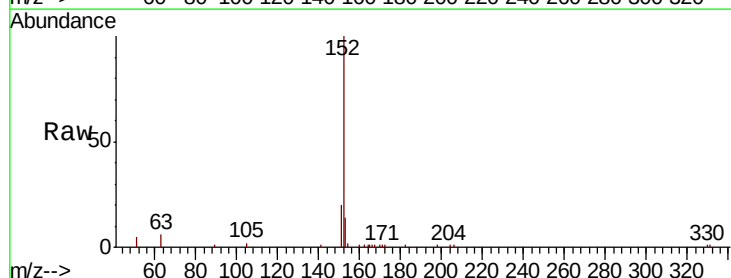
Instrument :
BNA_N
ClientSampleId :
CS-2BM5D

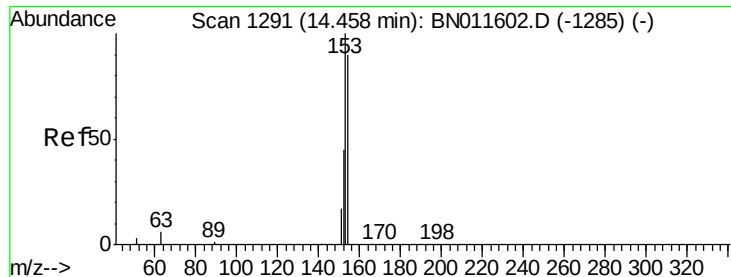
Tot Ion:172 Resp: 8351
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 22.2 18.2 27.2



#16
Acenaphthylene
Concen: 0.318 ng
RT: 14.10 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BN011650.D
Acq: 26 Aug 2020 18:09

Tgt Ion:152 Resp: 9985
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.2
153 13.2 11.0 16.4





#17

Acenaphthene

Concen: 0.321 ng

RT: 14.45 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

Instrument :

BNA_N

ClientSampleId :

CS-2BMSD

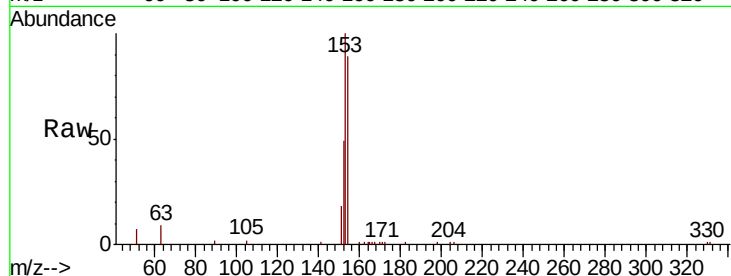
Tot Ion:154 Resp: 6402

Ion Ratio Lower Upper

154 100

153 113.4 86.6 130.0

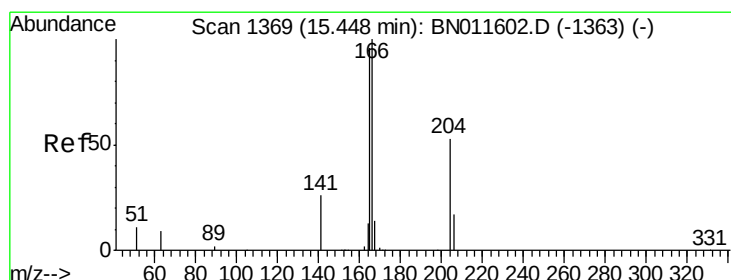
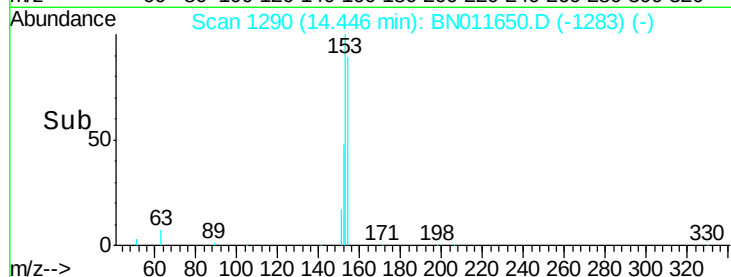
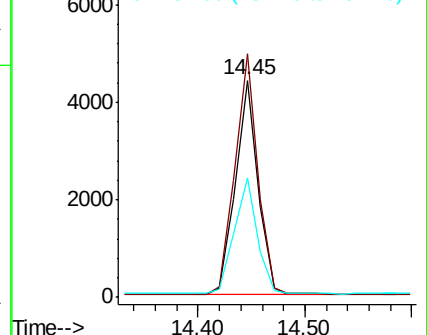
152 55.1 40.1 60.1



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: 0.318 ng

RT: 15.44 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

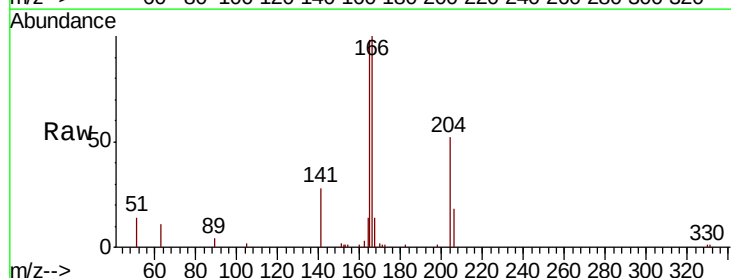
Tgt Ion:166 Resp: 8198

Ion Ratio Lower Upper

166 100

165 98.4 77.4 116.2

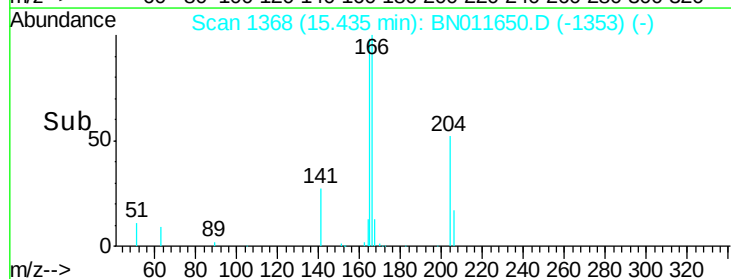
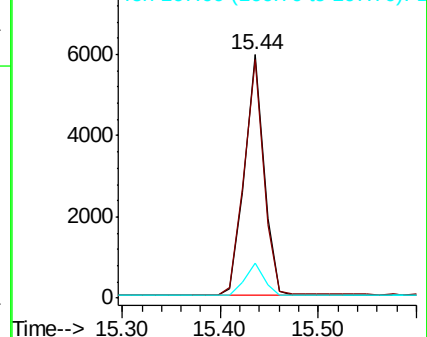
167 13.5 11.5 17.3

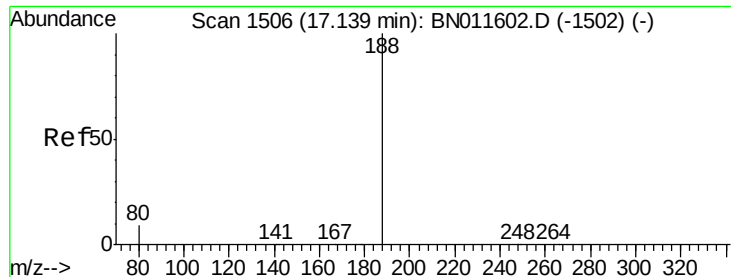


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN011650.D

Acq: 26 Aug 2020 18:09

Instrument :

BNA_N

ClientSampleId :

CS-2BMSD

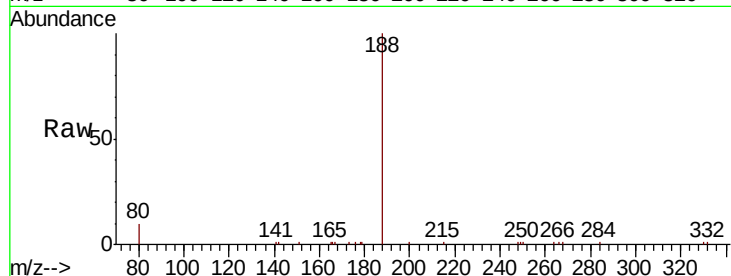
Tot Ion:188 Resp: 12473

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

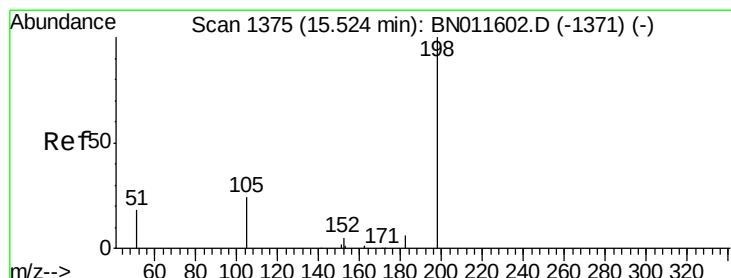
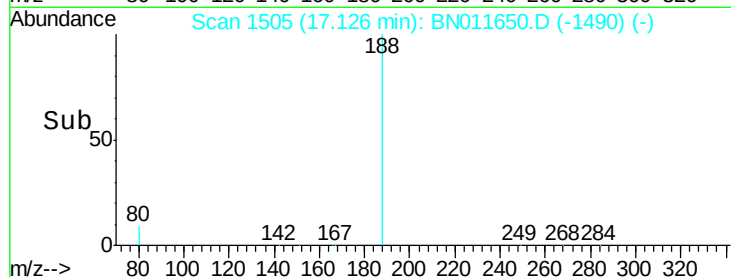
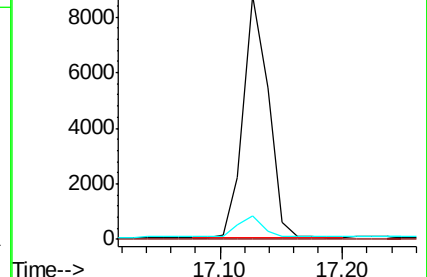
80 9.8 9.2 13.8



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: 0.198 ng

RT: 15.51 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

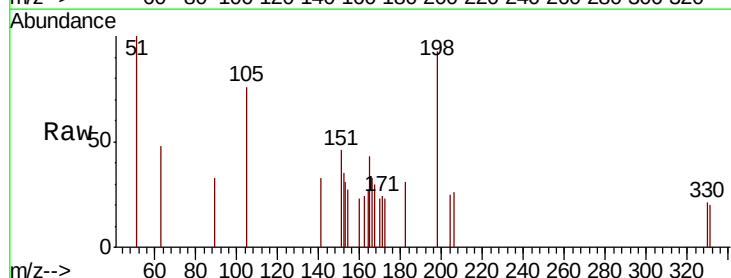
Tgt Ion:198 Resp: 285

Ion Ratio Lower Upper

198 100

51 107.6 99.6 149.4

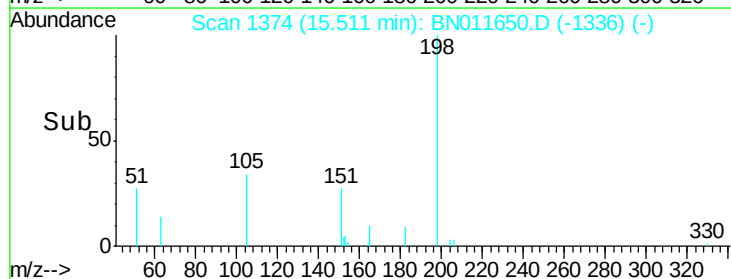
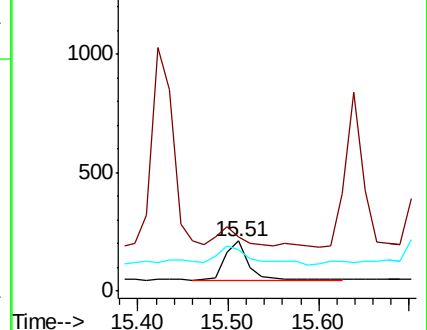
105 81.9 118.8 178.2#

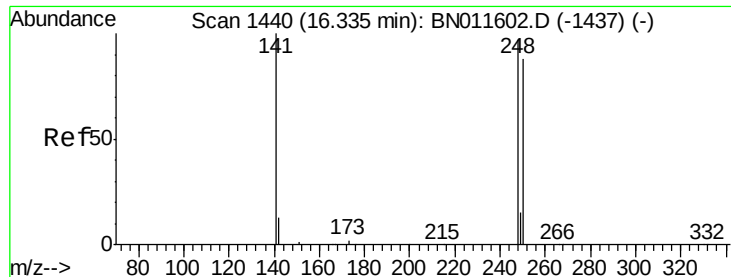


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 0.320 ng

RT: 16.32 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

Instrument :

BNA_N

ClientSampleId :

CS-2BMSD

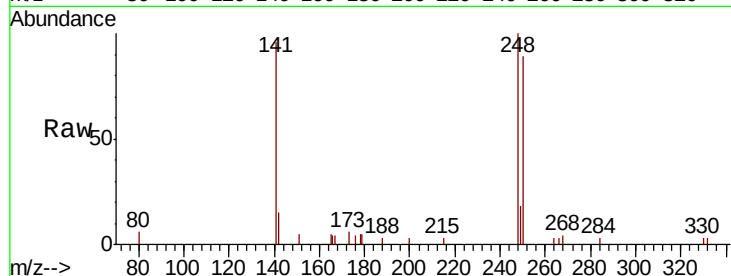
Tot Ion:248 Resp: 2327

Ion Ratio Lower Upper

248 100

250 89.1 73.4 110.2

141 95.8 88.5 132.7



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

16.32

1500

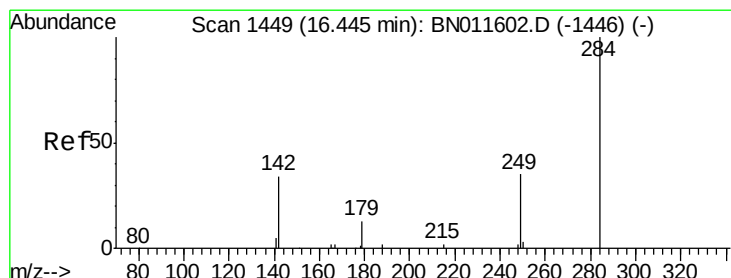
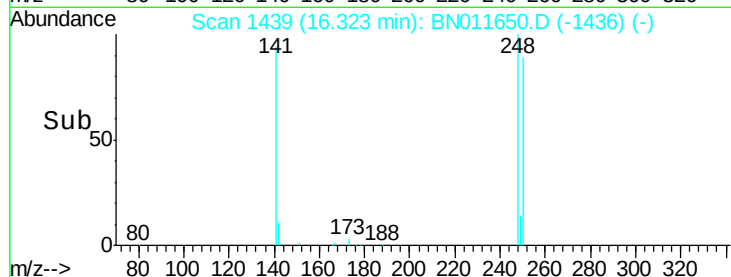
1000

500

0

16.30 16.35 16.40

Time-->



#22

Hexachlorobenzene

Concen: 0.340 ng

RT: 16.44 min Scan# 1449

Delta R.T. 0.00 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

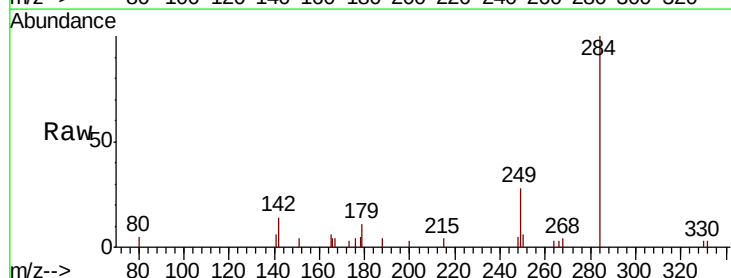
Tgt Ion:284 Resp: 2862

Ion Ratio Lower Upper

284 100

142 34.0 27.3 40.9

249 31.3 25.2 37.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

16.44

2000

1500

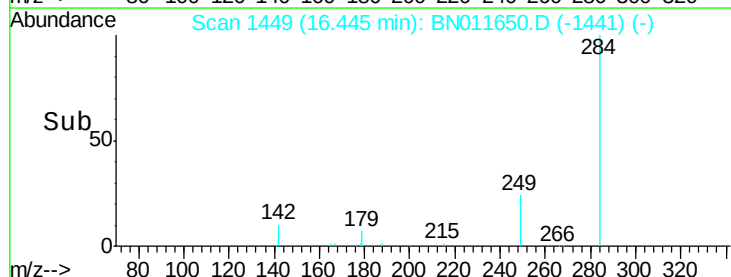
1000

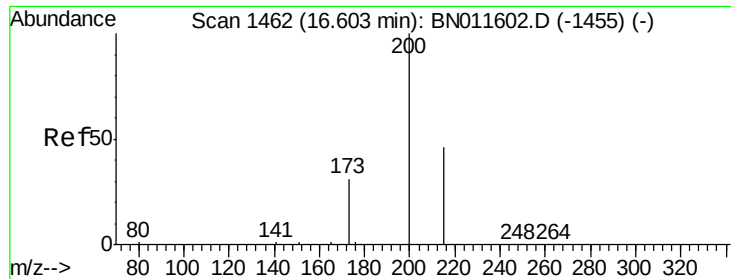
500

0

16.40 16.50 16.60

Time-->

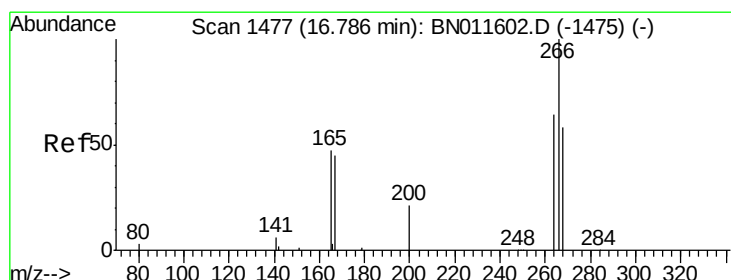
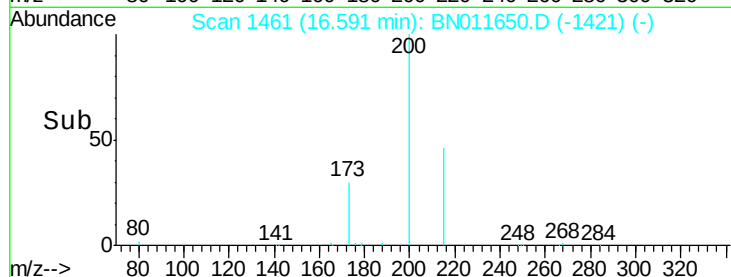
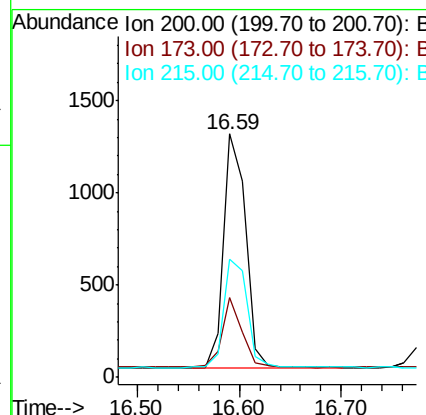
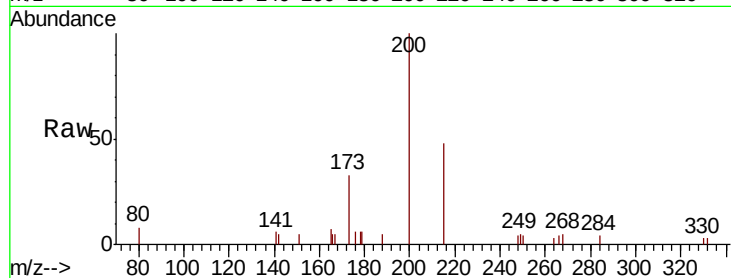




#23
Atrazine
Concen: 0.264 ng
RT: 16.59 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BN011650.D
Acq: 26 Aug 2020 18:09

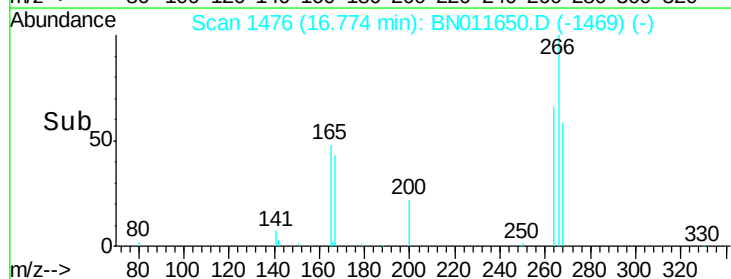
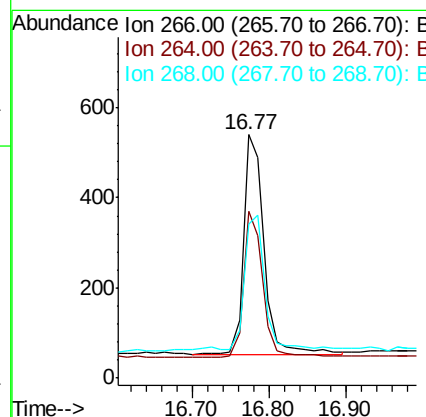
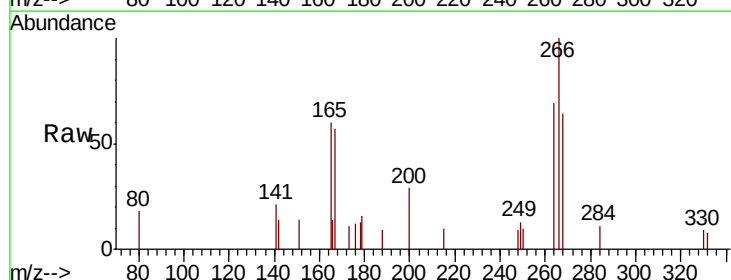
Instrument :
BNA_N
ClientSampleId :
CS-2BMSD

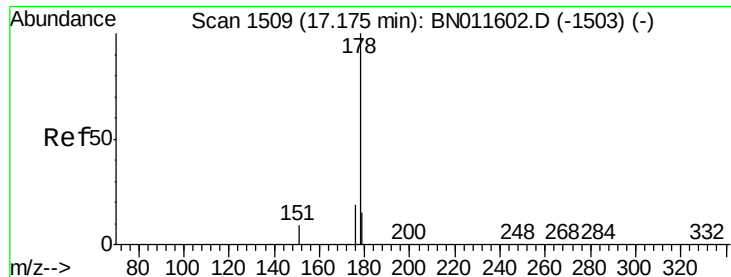
Tot Ion	Ratio	Lower	Upper
200	100		
173	32.8	28.2	42.4
215	48.3	39.8	59.6



#24
Pentachlorophenol
Concen: 0.244 ng
RT: 16.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BN011650.D
Acq: 26 Aug 2020 18:09

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.8	48.1	72.1
268	59.1	48.4	72.6





#25

Phenanthrene

Concen: 0.339 ng

RT: 17.18 min Scan# 1509

Delta R.T. 0.00 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

Instrument :

BNA_N

ClientSampleId :

CS-2BMSD

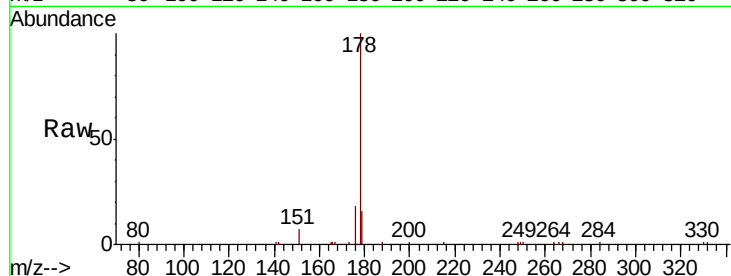
Tot Ion:178 Resp: 13125

Ion Ratio Lower Upper

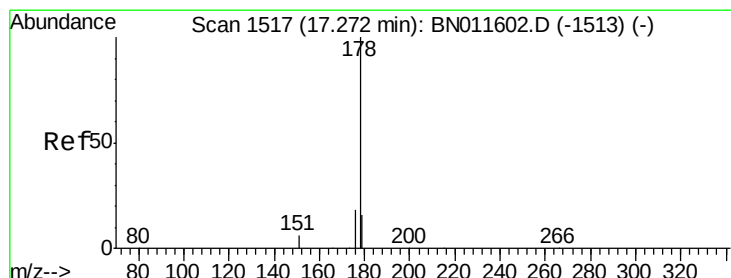
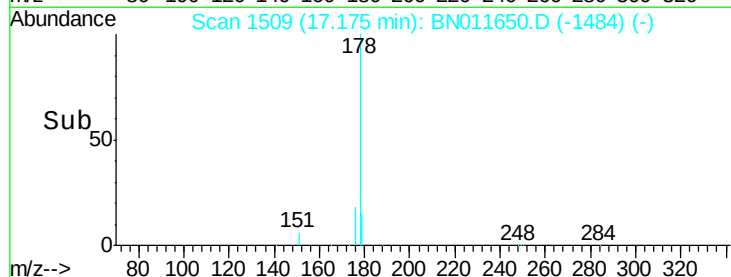
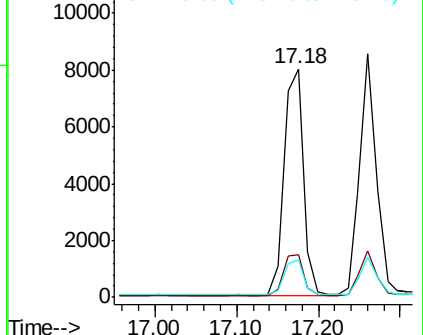
178 100

176 18.5 15.0 22.4

179 15.4 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: 0.319 ng

RT: 17.26 min Scan# 1516

Delta R.T. -0.01 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

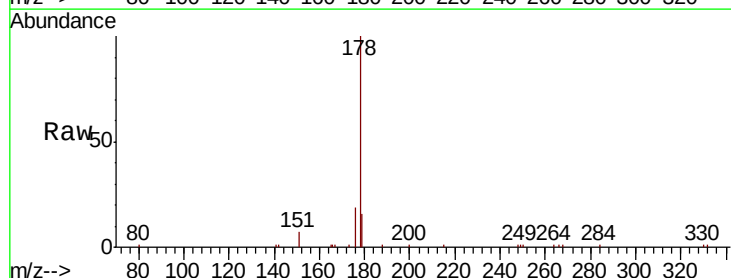
Tgt Ion:178 Resp: 12162

Ion Ratio Lower Upper

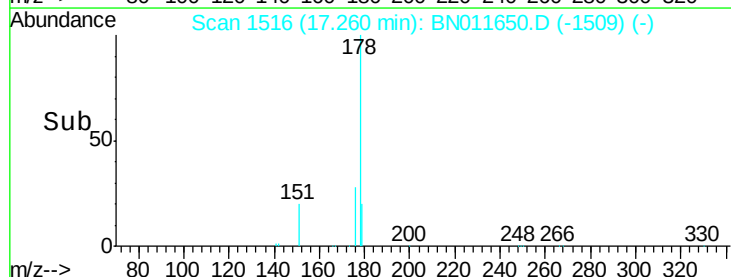
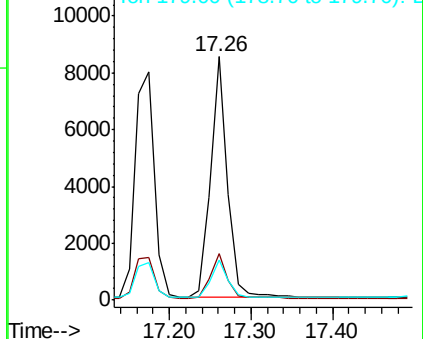
178 100

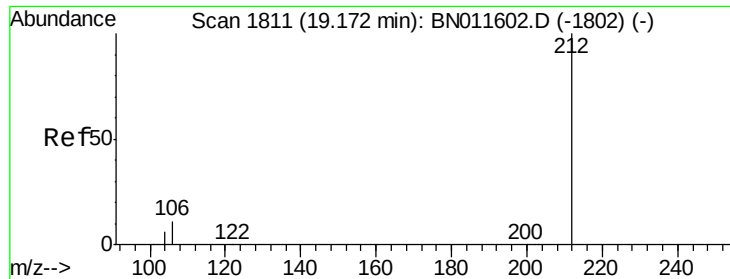
176 18.4 14.6 21.8

179 16.0 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

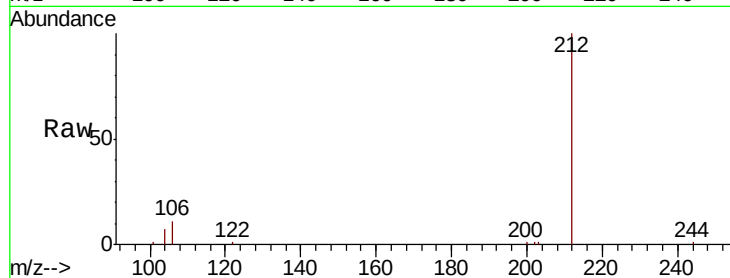




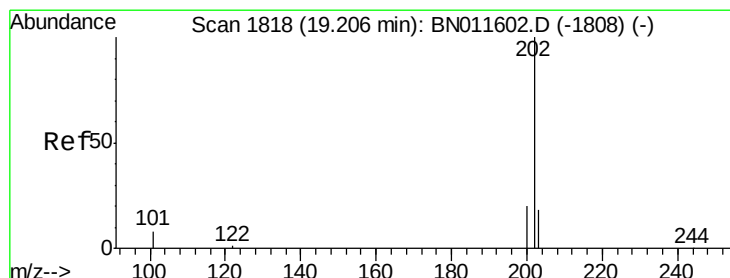
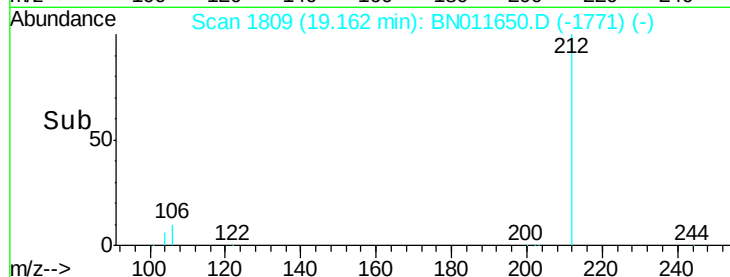
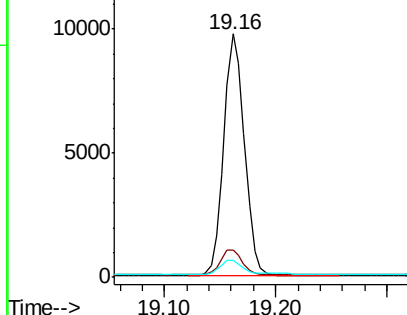
#27
 Fluoranthene-d10
 Concen: 0.311 ng
 RT: 19.16 min Scan# 1809
 Delta R.T. -0.01 min
 Lab File: BN011650.D
 Acq: 26 Aug 2020 18:09

Instrument :
 BNA_N
 ClientSampleId :
 CS-2BMSD

Tot Ion:212 Resp: 12623
 Ion Ratio Lower Upper
 212 100
 106 10.9 8.9 13.3
 104 6.3 5.3 7.9

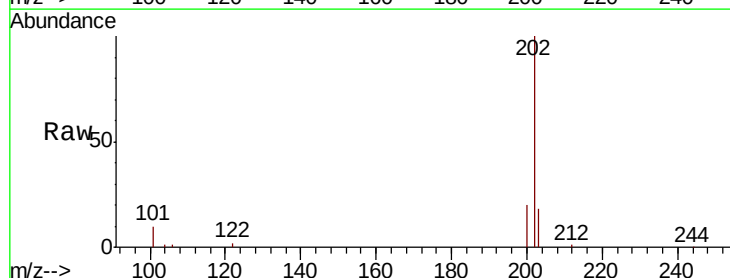


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

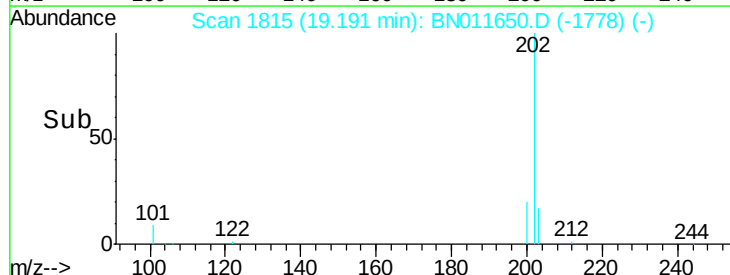
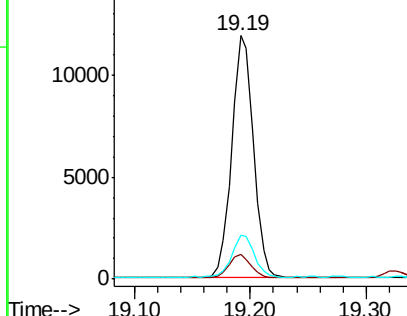


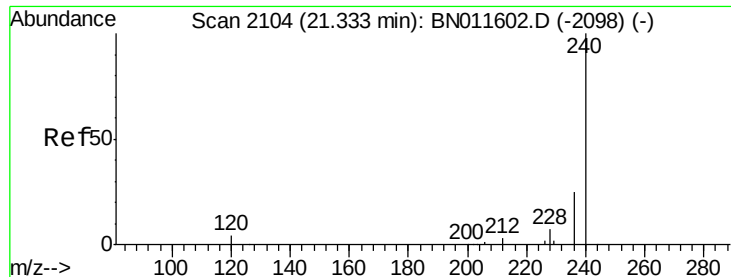
#28
 Fluoranthene
 Concen: 0.327 ng
 RT: 19.19 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BN011650.D
 Acq: 26 Aug 2020 18:09

Tgt Ion:202 Resp: 15372
 Ion Ratio Lower Upper
 202 100
 101 9.5 7.7 11.5
 203 17.7 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: BN011650.D

Acq: 26 Aug 2020 18:09

Instrument :

BNA_N

ClientSampleId :

CS-2BMSD

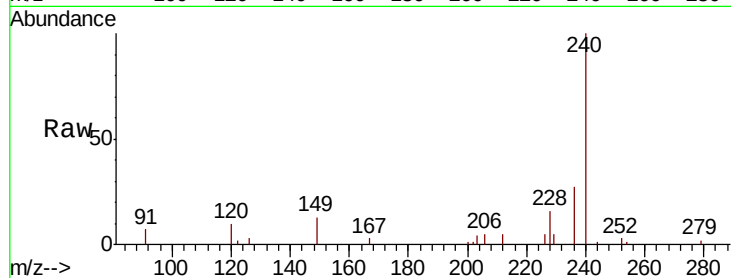
Tot Ion:240 Resp: 12538

Ion Ratio Lower Upper

240 100

120 9.7 6.0 9.0#

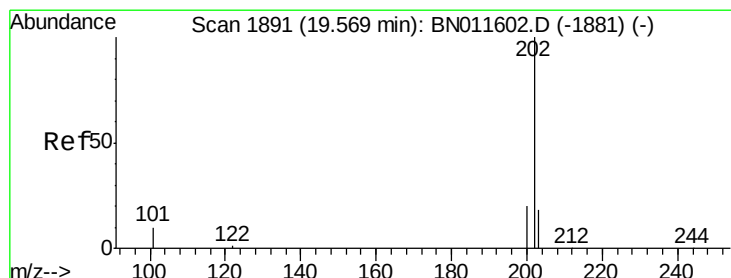
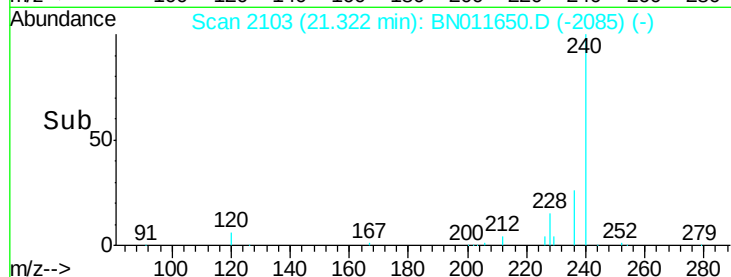
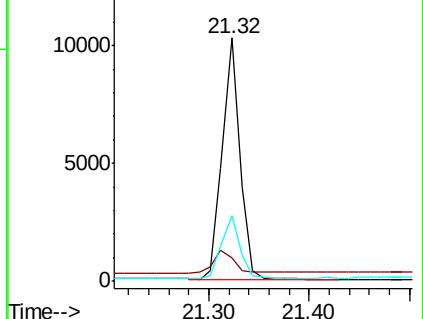
236 26.9 20.8 31.2



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: 0.361 ng

RT: 19.55 min Scan# 1888

Delta R.T. -0.01 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

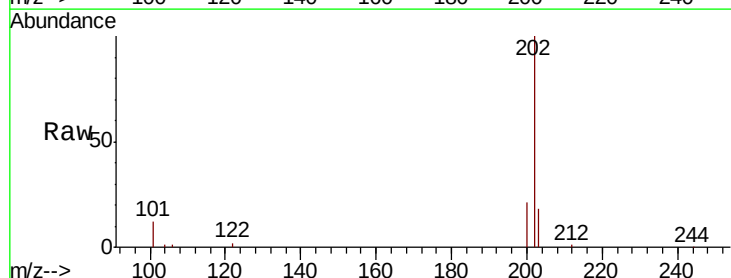
Tgt Ion:202 Resp: 16052

Ion Ratio Lower Upper

202 100

200 20.5 16.3 24.5

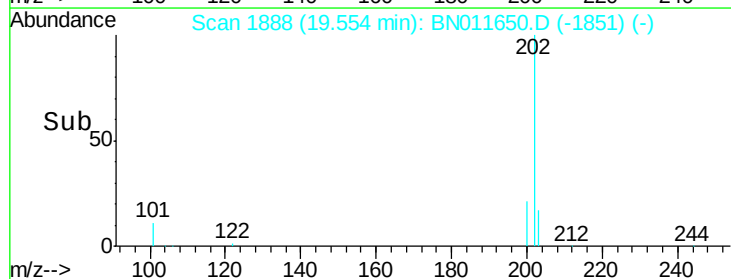
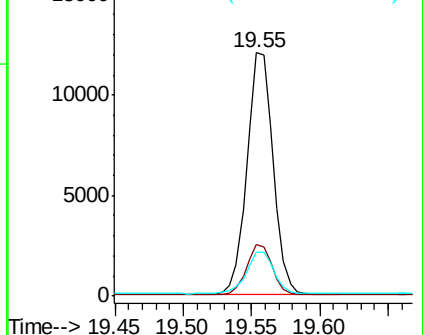
203 18.5 14.2 21.4

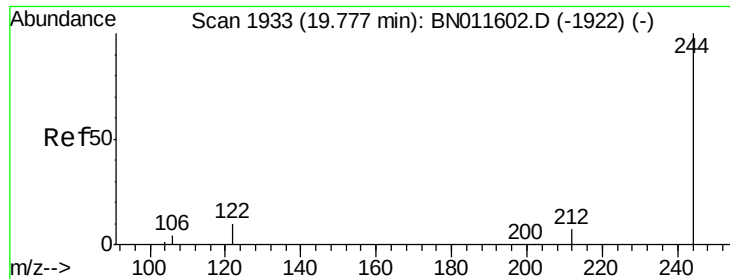


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.343 ng

RT: 19.77 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

Instrument :

BNA_N

ClientSampleId :

CS-2BMSD

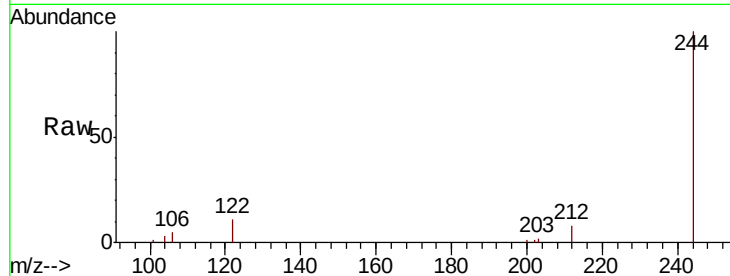
Tot Ion:244 Resp: 10976

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

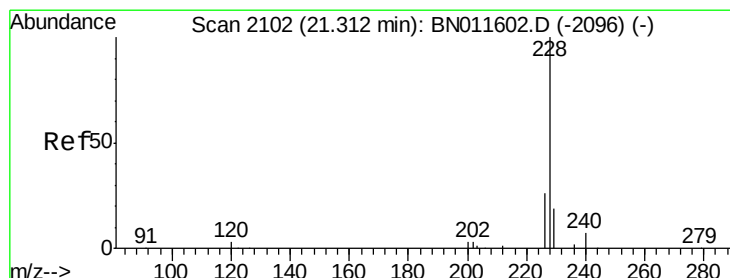
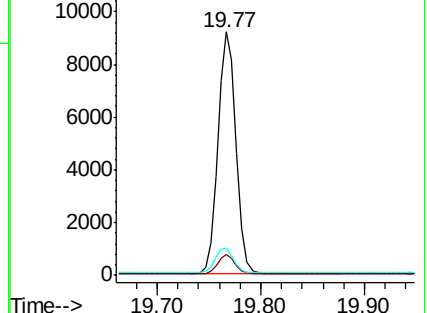
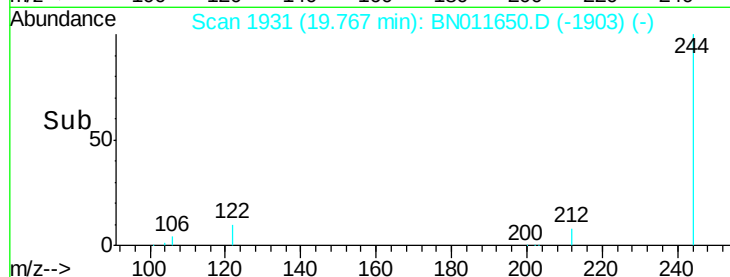
122 11.0 9.5 14.3



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: 0.374 ng

RT: 21.30 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

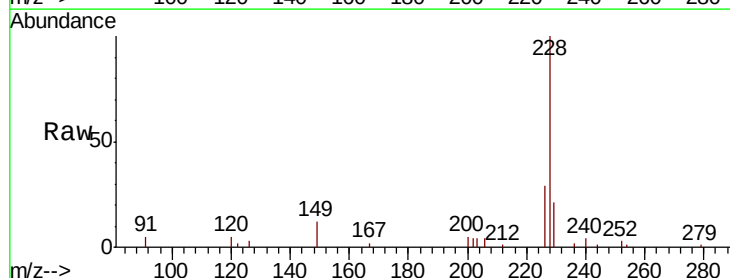
Tgt Ion:228 Resp: 16901

Ion Ratio Lower Upper

228 100

226 28.6 21.2 31.8

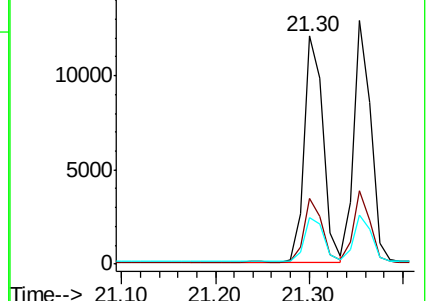
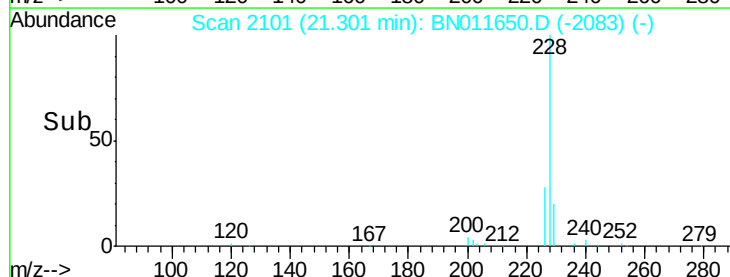
229 20.6 15.8 23.8

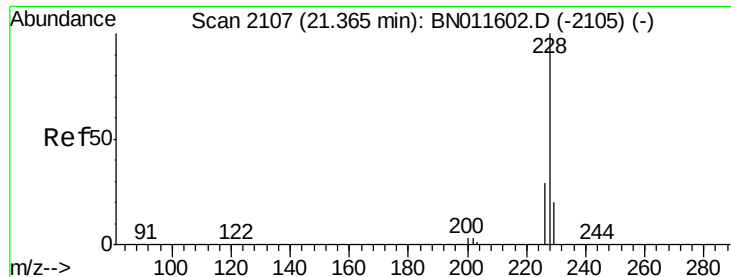


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.378 ng

RT: 21.35 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

Instrument :

BNA_N

ClientSampleId :

CS-2BMSD

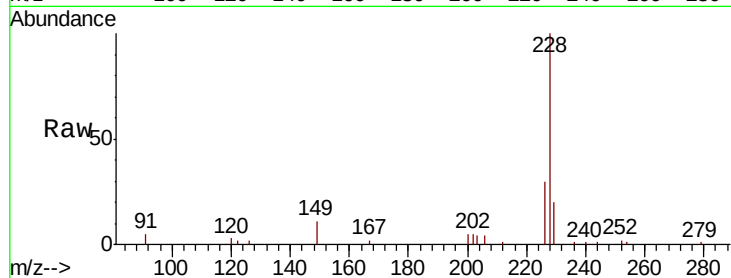
Tot Ion:228 Resp: 16304

Ion Ratio Lower Upper

228 100

226 30.2 23.6 35.4

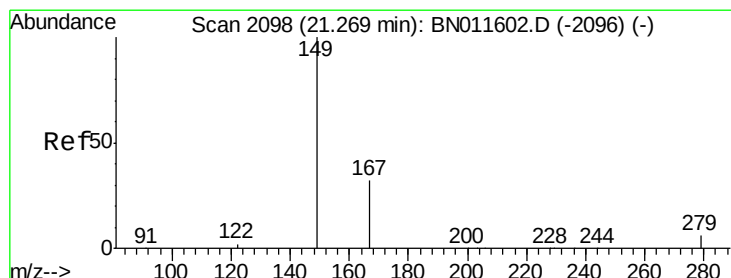
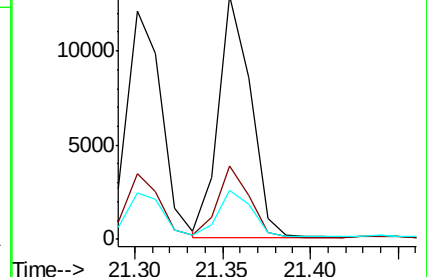
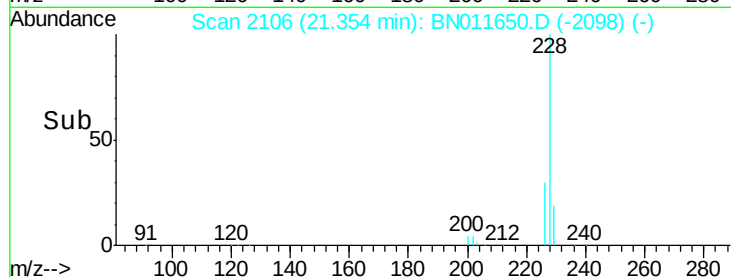
229 20.1 16.0 24.0



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: 0.295 ng

RT: 21.25 min Scan# 2096

Delta R.T. -0.02 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

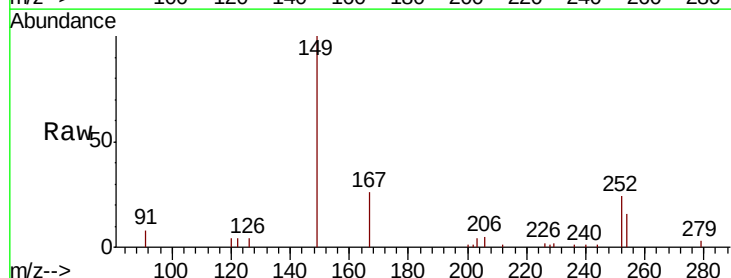
Tgt Ion:149 Resp: 9671

Ion Ratio Lower Upper

149 100

167 28.9 20.6 31.0

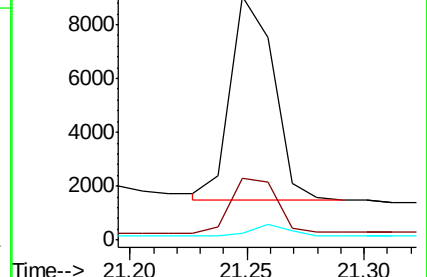
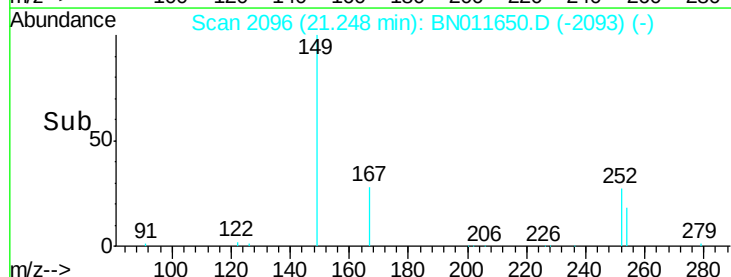
279 5.0 3.8 5.8

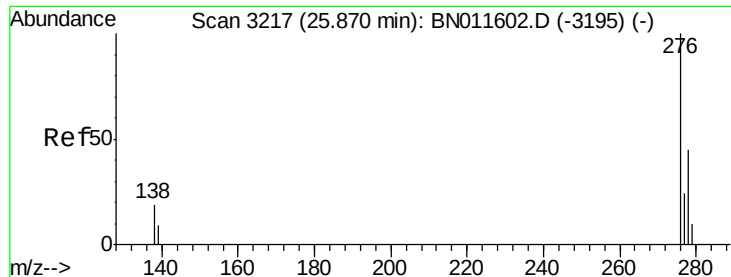


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

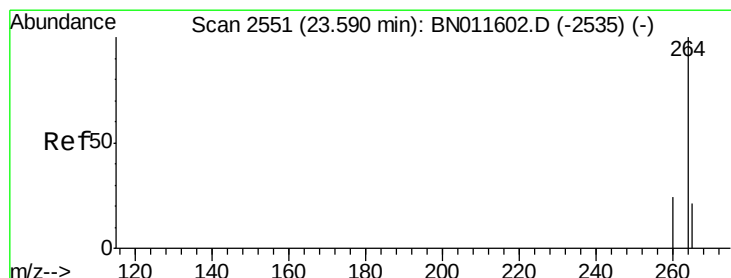
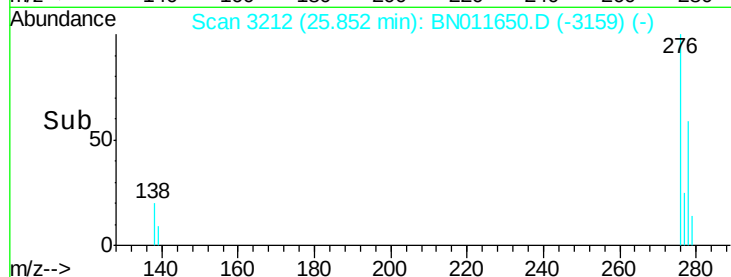
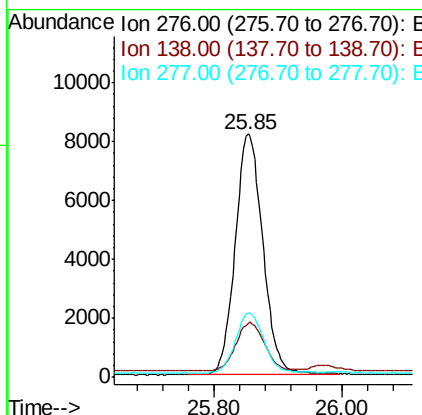
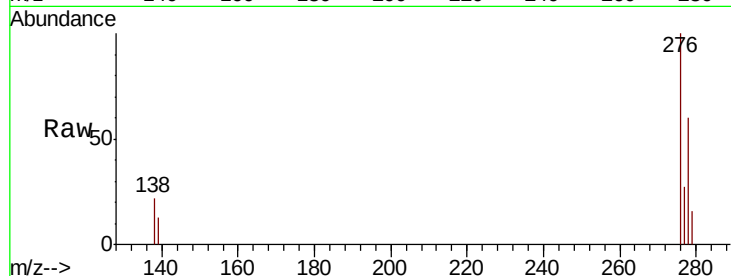




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.468 ng
 RT: 25.85 min Scan# 3212
 Delta R.T. -0.02 min
 Lab File: BN011650.D
 Acq: 26 Aug 2020 18:09

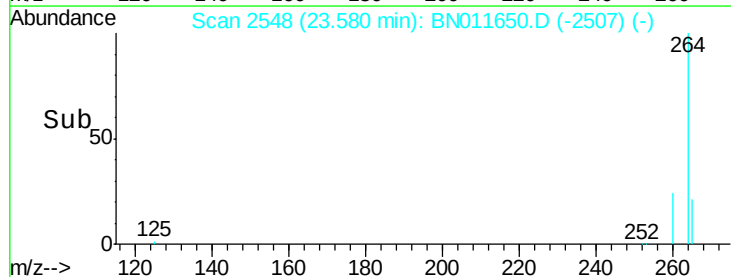
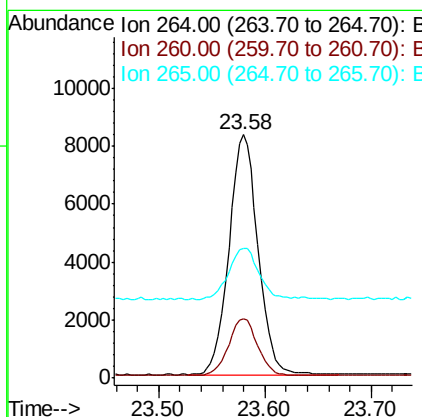
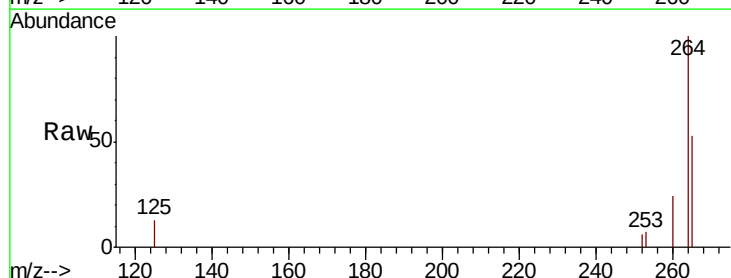
Instrument :
 BNA_N
 ClientSampleId :
 CS-2BMSD

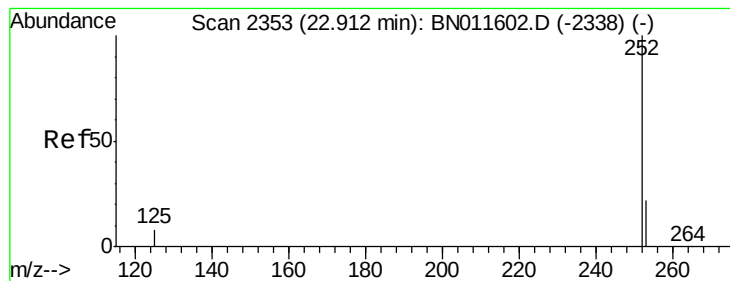
Tot Ion:276 Resp: 24640
 Ion Ratio Lower Upper
 276 100
 138 20.6 0.0 0.0#
 277 25.3 0.0 0.0#



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.58 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BN011650.D
 Acq: 26 Aug 2020 18:09

Tgt Ion:264 Resp: 15749
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 53.4 40.7 61.1





#37

Benzo(b)fluoranthene

Concen: 0.327 ng

RT: 22.90 min Scan# 2349

Delta R.T. -0.01 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

Instrument :

BNA_N

ClientSampleId :

CS-2BMSD

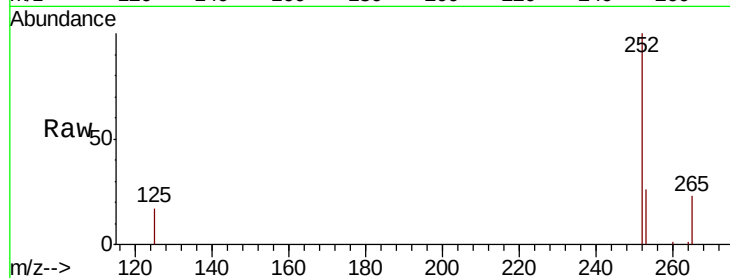
Tot Ion:252 Resp: 18632

Ion Ratio Lower Upper

252 100

253 26.2 21.0 31.6

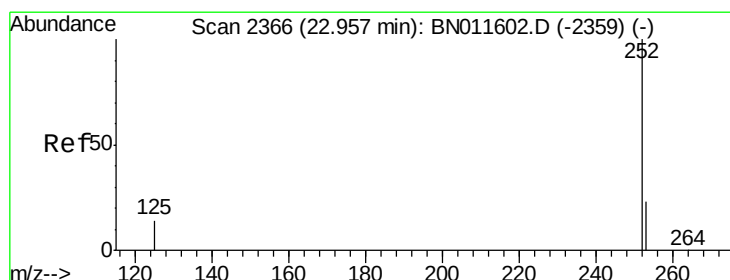
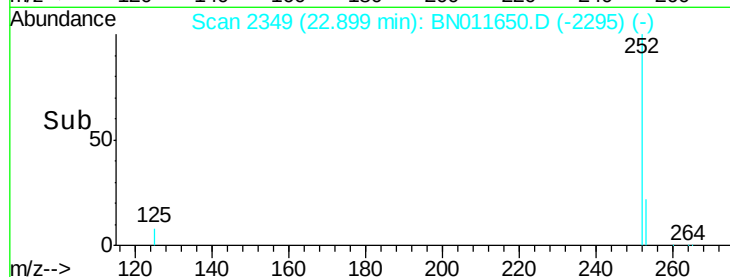
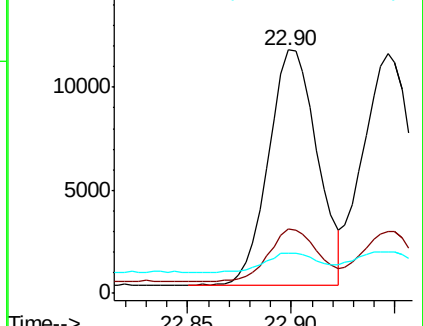
125 16.6 11.0 16.6#



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: 0.333 ng

RT: 22.95 min Scan# 2363

Delta R.T. -0.01 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

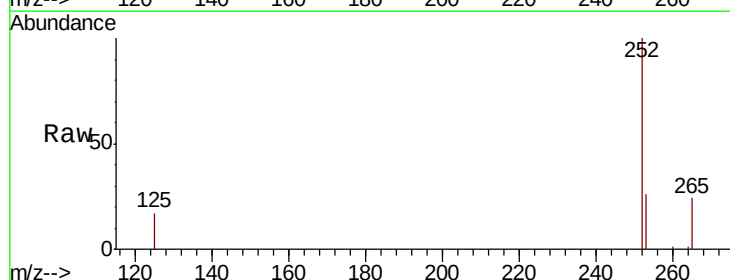
Tgt Ion:252 Resp: 18890

Ion Ratio Lower Upper

252 100

253 26.0 21.2 31.8

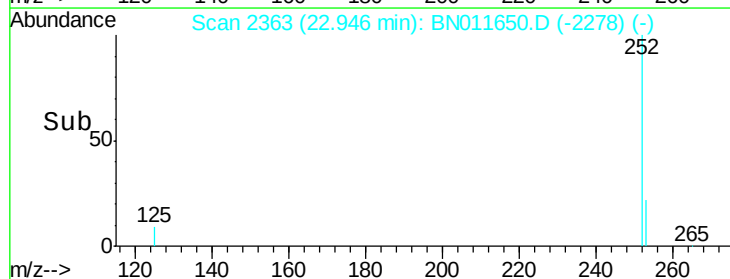
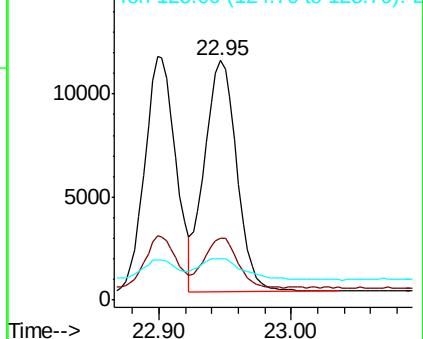
125 17.4 14.6 21.8

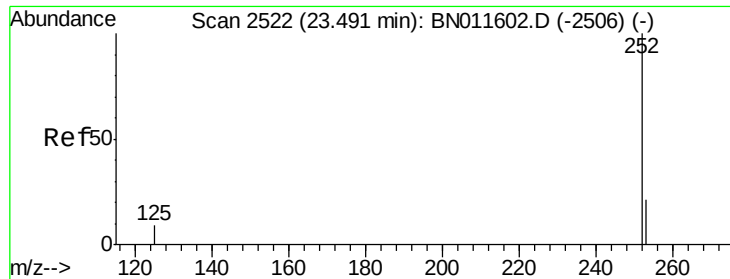


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.327 ng

RT: 23.48 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

Instrument :

BNA_N

ClientSampleId :

CS-2BM5D

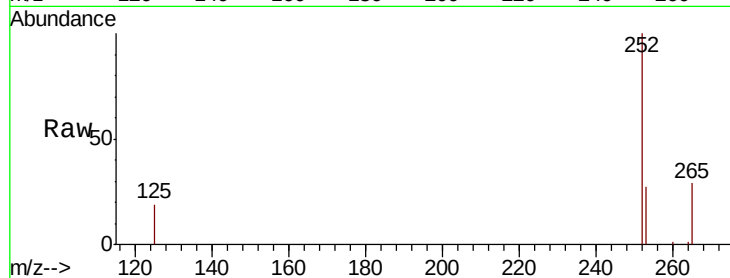
Tot Ion:252 Resp: 17389

Ion Ratio Lower Upper

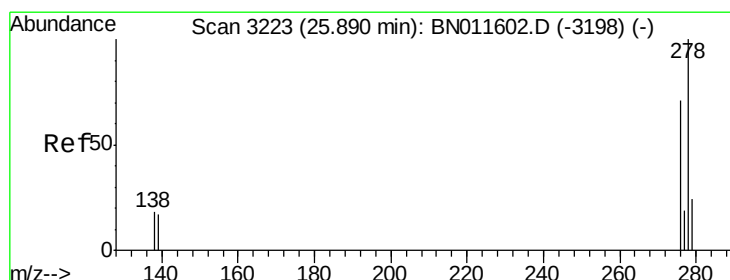
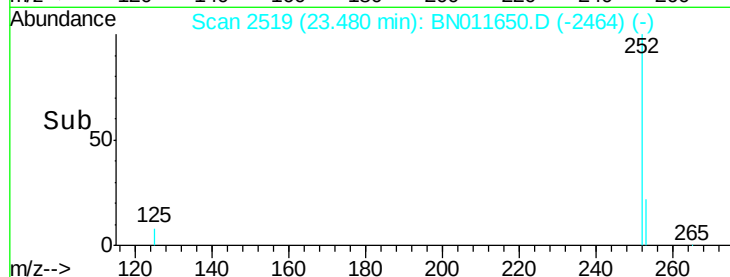
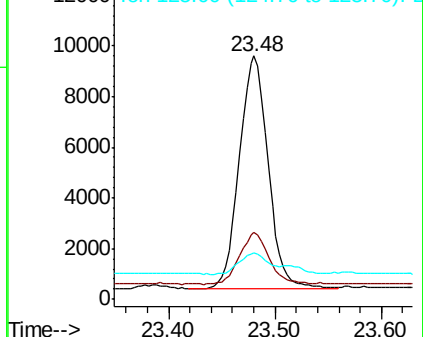
252 100

253 27.4 21.2 31.8

125 18.9 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: 0.374 ng

RT: 25.87 min Scan# 3217

Delta R.T. -0.02 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

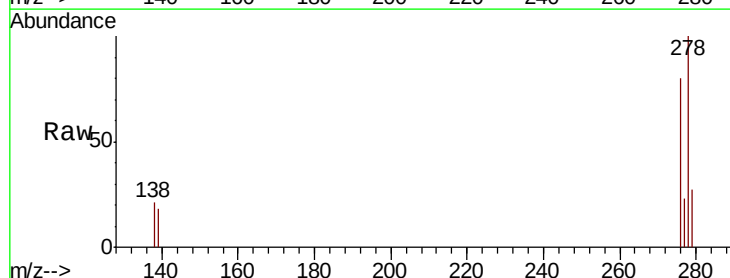
Tgt Ion:278 Resp: 20793

Ion Ratio Lower Upper

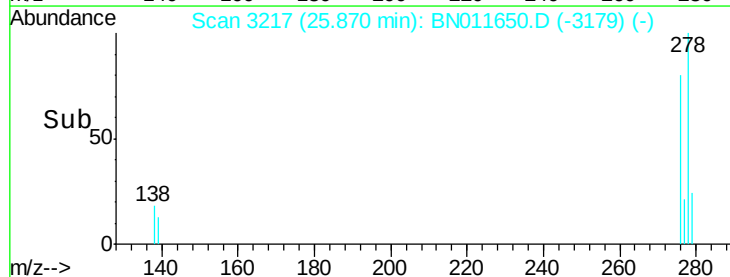
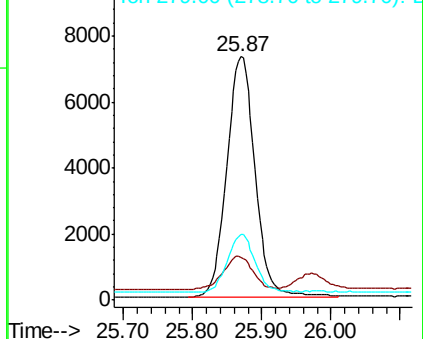
278 100

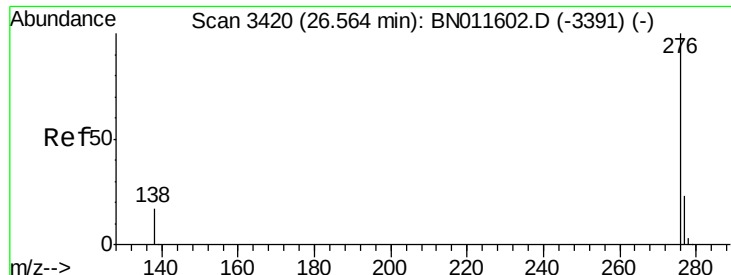
139 17.6 16.6 25.0

279 26.9 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: 0.396 ng

RT: 26.54 min Scan# 3414

Delta R.T. -0.02 min

Lab File: BN011650.D

Acq: 26 Aug 2020 18:09

Instrument :

BNA_N

ClientSampleId :

CS-2BMSD

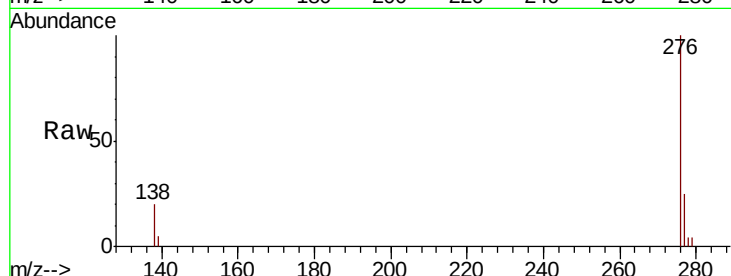
Tot Ion: 276 Resp: 21344

Ion Ratio Lower Upper

276 100

277 25.1 20.5 30.7

138 20.1 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

