

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082620\
 Data File : BN011649.D
 Acq On : 26 Aug 2020 17:32
 Operator : CG/JU
 Sample : L3781-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CS-2BMS

Quant Time: Aug 26 18:21:06 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	2723	0.40	ng	-0.02
7) Naphthalene-d8	10.53	136	10688	0.40	ng	-0.01
13) Acenaphthene-d10	14.38	164	6398	0.40	ng	-0.01
19) Phenanthrene-d10	17.13	188	13520	0.40	ng	-0.01
29) Chrysene-d12	21.32	240	16148	0.40	ng	-0.01
36) Perylene-d12	23.58	264	18405	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.34	112	2682	0.31	ng	0.00
5) Phenol-d6	6.91	99	3587	0.29	ng	0.00
8) Nitrobenzene-d5	8.88	82	3400	0.37	ng	-0.03
11) 2-Methylnaphthalene-d10	12.13	152	6562	0.32	ng	-0.01
14) 2,4,6-Tribromophenol	15.88	330	962	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	8496	0.34	ng	-0.01
27) Fluoranthene-d10	19.17	212	14290	0.32	ng	0.00
31) Terphenyl-d14	19.77	244	12758	0.31	ng	0.00

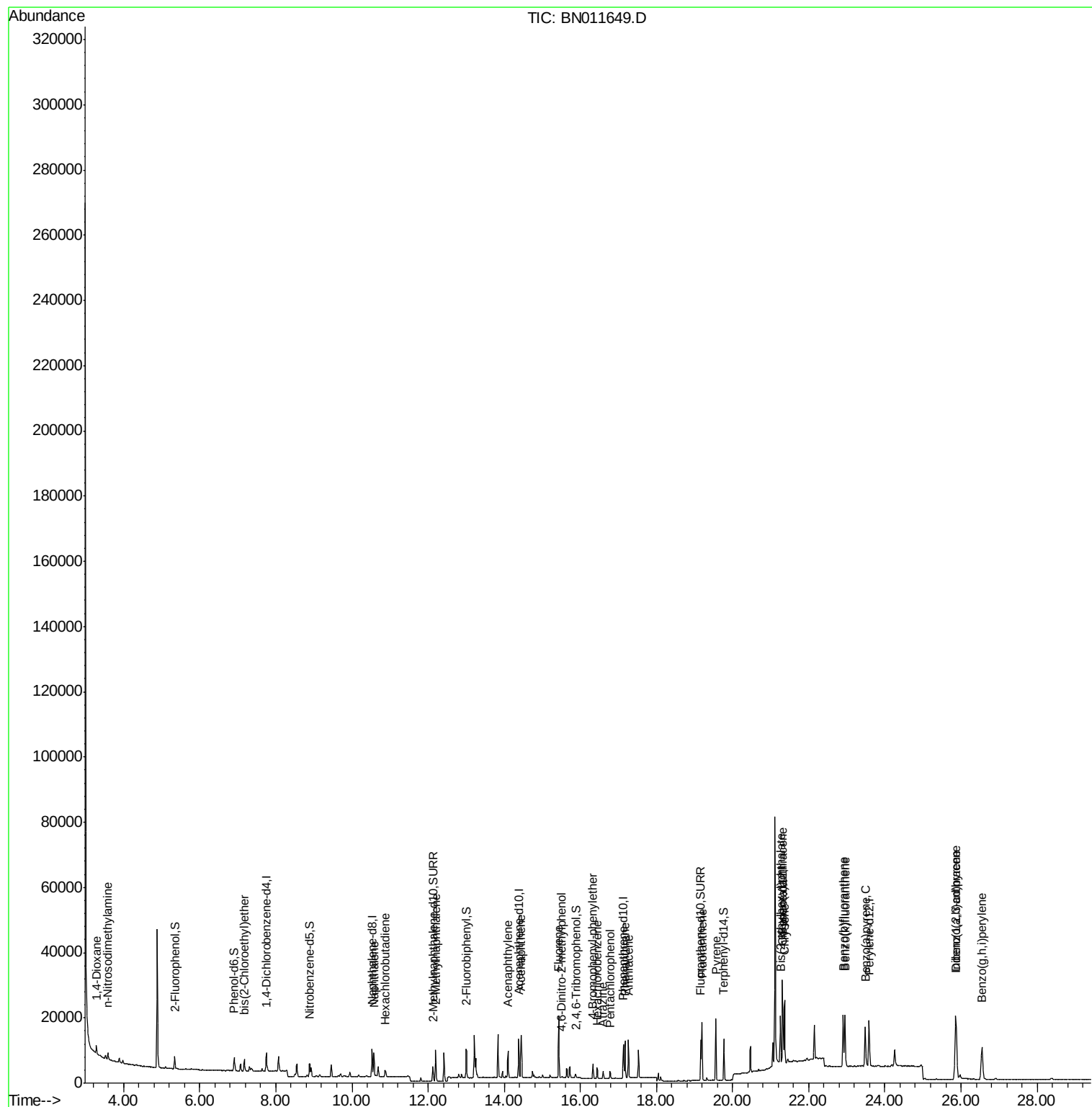
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	1735	0.411	ng	# 1
3) n-Nitrosodimethylamine	3.59	42	1419	0.319	ng	# 96
6) bis(2-Chloroethyl)ether	7.18	93	2647	0.303	ng	98
9) Naphthalene	10.58	128	9056	0.298	ng	95
10) Hexachlorobutadiene	10.87	225	1750	0.275	ng	# 99
12) 2-Methylnaphthalene	12.20	142	6522	0.291	ng	99
16) Acenaphthylene	14.10	152	9035	0.268	ng	100
17) Acenaphthene	14.45	154	6002	0.281	ng	96
18) Fluorene	15.44	166	7687	0.278	ng	99
20) 4,6-Dinitro-2-methylphenol	15.51	198	350	0.225	ng	# 57
21) 4-Bromophenyl-phenylether	16.32	248	2181	0.277	ng	92
22) Hexachlorobenzene	16.44	284	2699	0.296	ng	99
23) Atrazine	16.59	200	1907	0.245	ng	96
24) Pentachlorophenol	16.79	266	1117	0.278	ng	96
25) Phenanthrene	17.17	178	12752	0.304	ng	100
26) Anthracene	17.26	178	11792	0.285	ng	100
28) Fluoranthene	19.20	202	15844	0.311	ng	100
30) Pyrene	19.56	202	16485	0.288	ng	99
32) Benzo(a)anthracene	21.31	228	17560	0.302	ng	99
33) Chrysene	21.36	228	17389	0.313	ng	99
34) Bis(2-ethylhexyl)phthalate	21.26	149	11482	0.264	ng	95
35) Indeno(1,2,3-cd)pyrene	25.86	276	24279	0.358	ng	# 100
37) Benzo(b)fluoranthene	22.91	252	19937	0.299	ng	# 97
38) Benzo(k)fluoranthene	22.95	252	19470	0.294	ng	99
39) Benzo(a)pyrene	23.48	252	18087	0.291	ng	# 94
40) Dibenzo(a,h)anthracene	25.87	278	20459	0.315	ng	98
41) Benzo(g,h,i)perylene	26.55	276	20994	0.333	ng	98

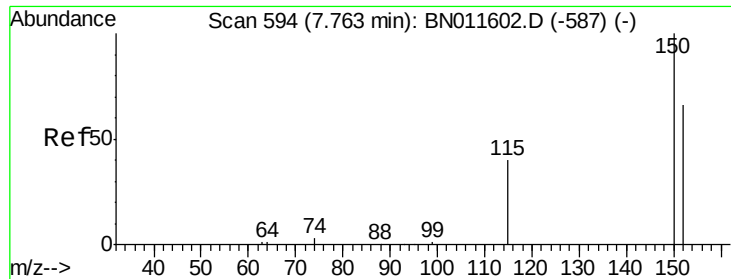
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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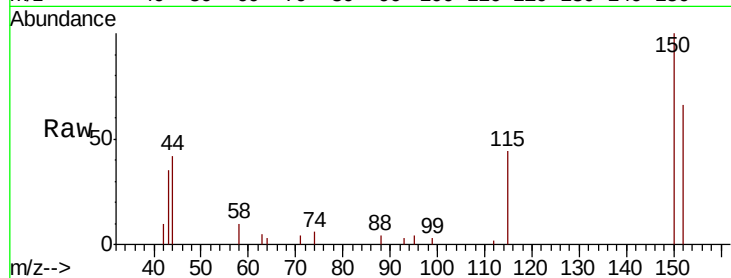


#1

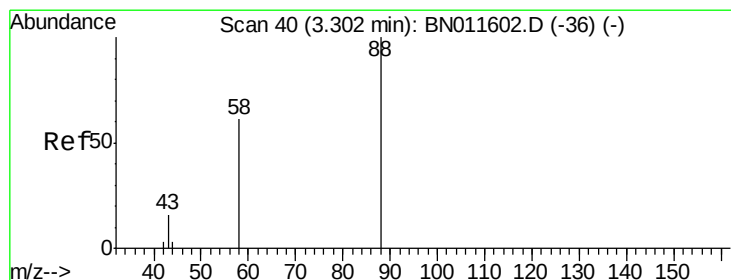
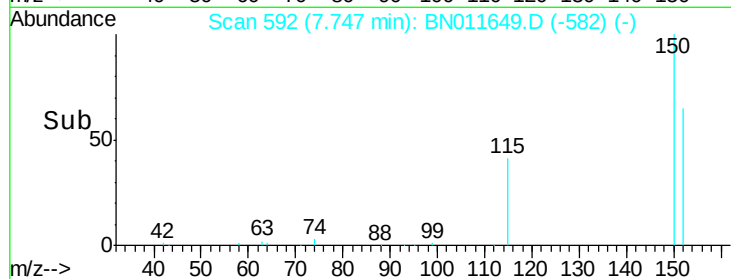
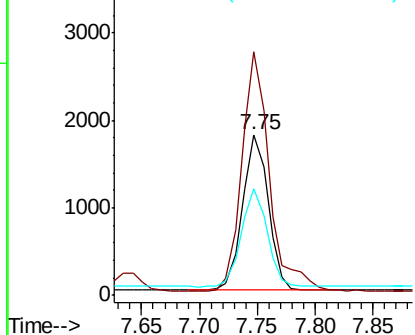
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 592
Delta R.T. -0.02 min
Lab File: BN011649.D
Acq: 26 Aug 2020 17:32

Instrument :
BNA_N
ClientSampleId :
CS-2BMS

Tot Ion:152 Resp: 2723
Ion Ratio Lower Upper
152 100
150 151.8 112.4 168.6
115 66.1 56.9 85.3



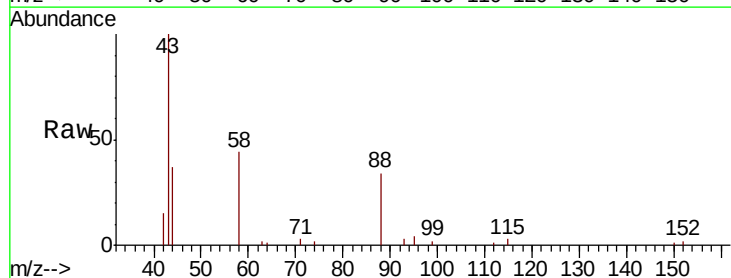
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



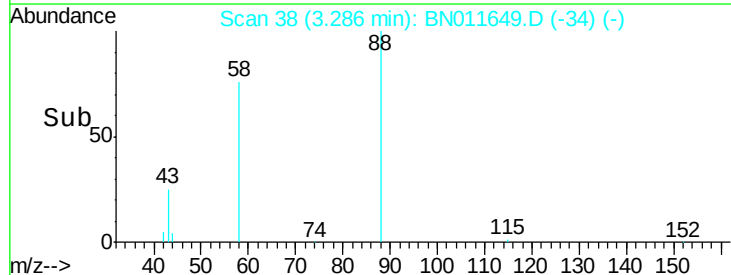
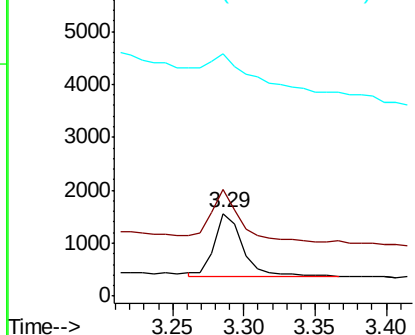
#2

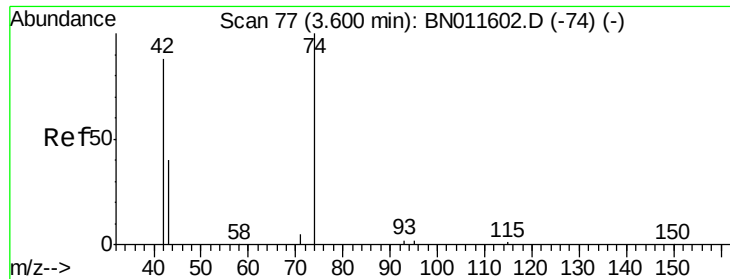
1,4-Dioxane
Concen: 0.411 ng
RT: 3.29 min Scan# 38
Delta R.T. -0.02 min
Lab File: BN011649.D
Acq: 26 Aug 2020 17:32

Tgt Ion: 88 Resp: 1735
Ion Ratio Lower Upper
88 100
58 82.0 3.0 4.4#
43 93.7 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: 0.319 ng

RT: 3.59 min Scan# 76

Delta R.T. -0.01 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

Instrument :

BNA_N

ClientSampleId :

CS-2BMS

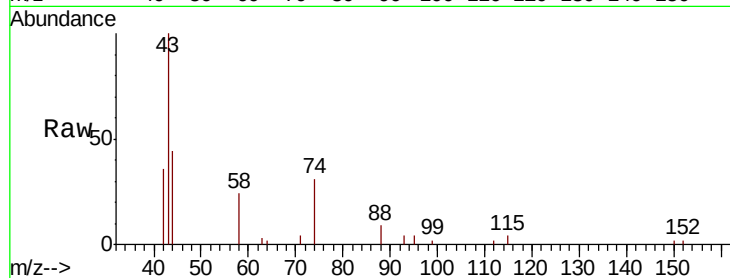
Tot Ion: 42 Resp: 1419

Ion Ratio Lower Upper

42 100

74 112.6 0.0 0.0#

44 8.7 8.2 12.4

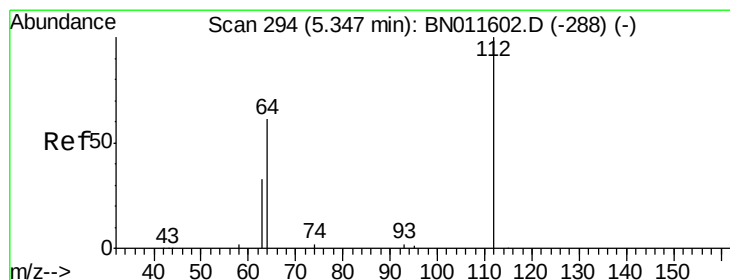
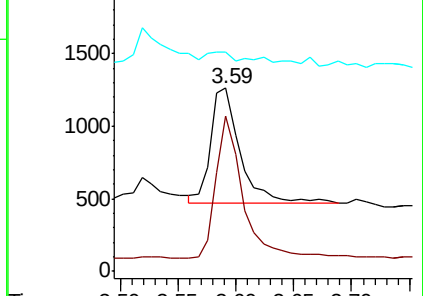
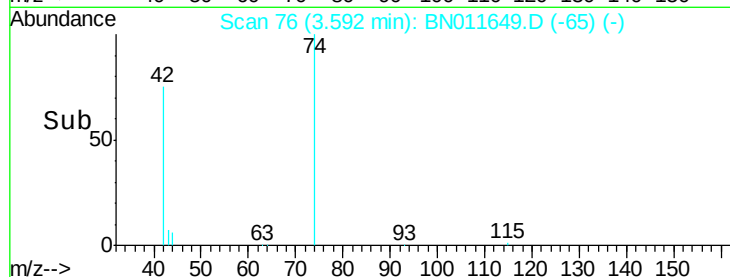


Abundance Ion 42.00 (41.70 to 42.70): BN011602.D (-74) (-)

Ion 74.00 (73.70 to 74.70): BN011602.D (-74) (-)

Ion 44.00 (43.70 to 44.70): BN011602.D (-74) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.308 ng

RT: 5.34 min Scan# 293

Delta R.T. -0.01 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

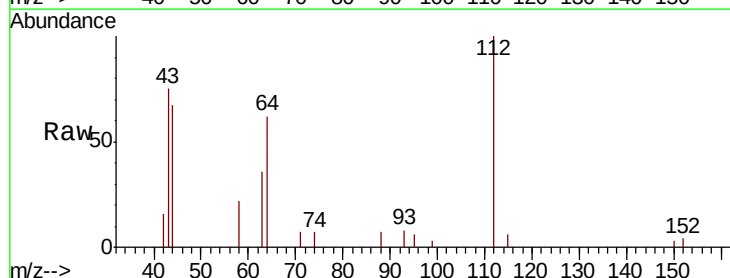
Tgt Ion: 112 Resp: 2682

Ion Ratio Lower Upper

112 100

64 62.0 49.6 74.4

63 33.1 26.4 39.6

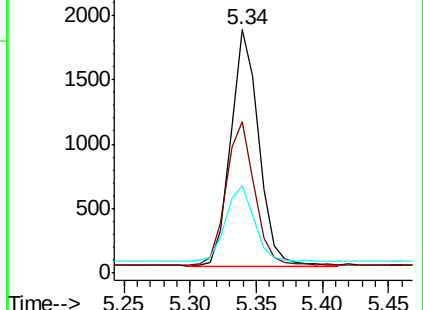
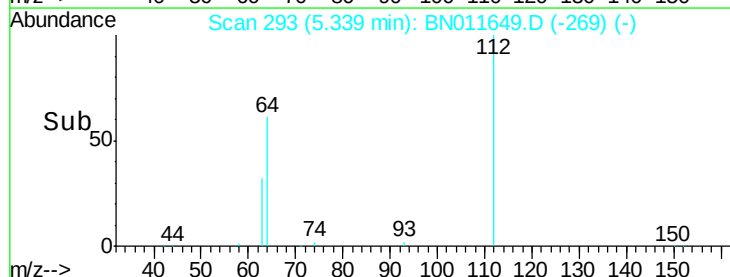


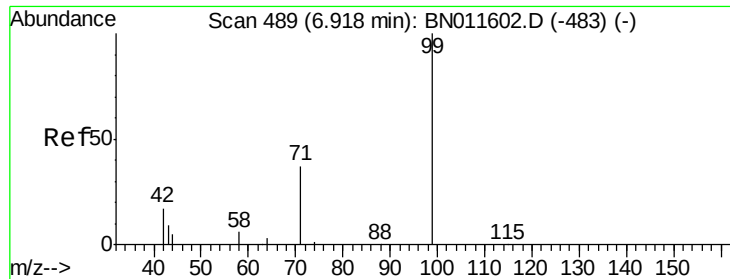
Abundance Ion 112.00 (111.70 to 112.70): BN011602.D (-288) (-)

Ion 64.00 (63.70 to 64.70): BN011602.D (-288) (-)

Ion 63.00 (62.70 to 63.70): BN011602.D (-288) (-)

Time-->





#5

Phenol-d6

Concen: 0.291 ng

RT: 6.91 min Scan# 488

Delta R.T. -0.01 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

Instrument :

BNA_N

ClientSampleId :

CS-2BMS

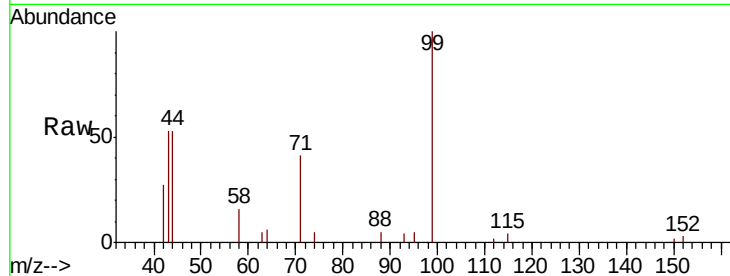
Tot Ion: 99 Resp: 3587

Ion Ratio Lower Upper

99 100

42 21.9 0.0 0.0#

71 39.7 0.0 0.0#

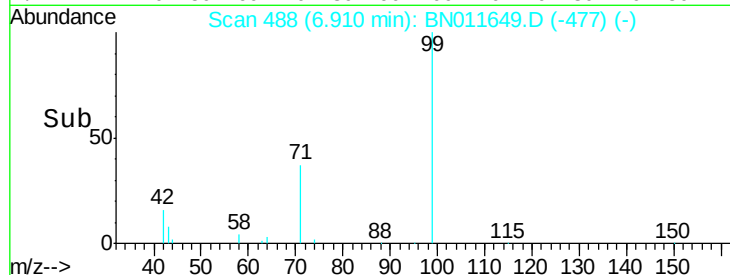


Abundance Ion 99.00 (98.70 to 99.70): BN011649.D (-477) (-)

Ion 42.00 (41.70 to 42.70): BN011649.D (-477) (-)

Ion 71.00 (70.70 to 71.70): BN011649.D (-477) (-)

Time-->

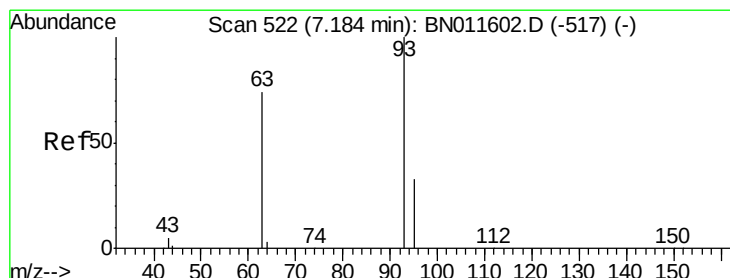


Abundance Ion 99.00 (98.70 to 99.70): BN011649.D (-477) (-)

Ion 42.00 (41.70 to 42.70): BN011649.D (-477) (-)

Ion 71.00 (70.70 to 71.70): BN011649.D (-477) (-)

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.303 ng

RT: 7.18 min Scan# 521

Delta R.T. -0.01 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

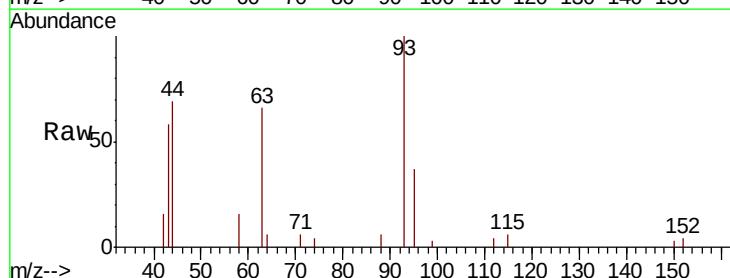
Tgt Ion: 93 Resp: 2647

Ion Ratio Lower Upper

93 100

63 73.8 57.8 86.8

95 33.8 28.3 42.5

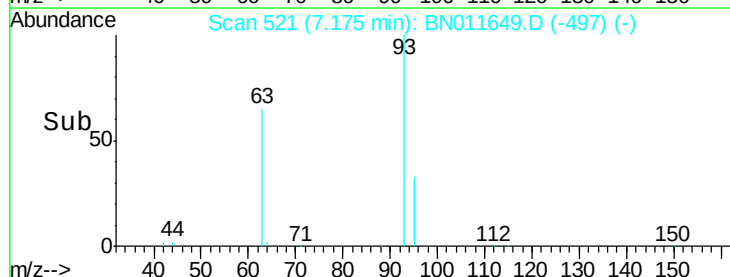


Abundance Ion 93.00 (92.70 to 93.70): BN011649.D (-497) (-)

Ion 63.00 (62.70 to 63.70): BN011649.D (-497) (-)

Ion 95.00 (94.70 to 95.70): BN011649.D (-497) (-)

Time-->

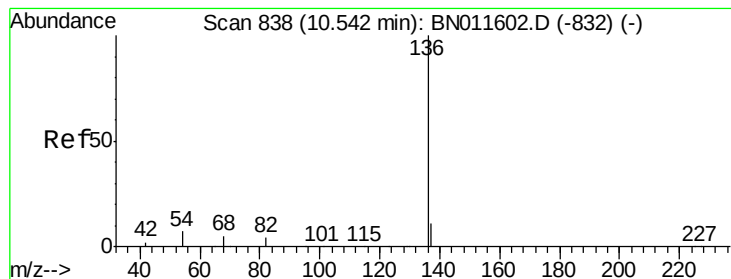


Abundance Ion 93.00 (92.70 to 93.70): BN011649.D (-497) (-)

Ion 63.00 (62.70 to 63.70): BN011649.D (-497) (-)

Ion 95.00 (94.70 to 95.70): BN011649.D (-497) (-)

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

Instrument :

BNA_N

ClientSampleId :

CS-2BMS

Tot Ion:136 Resp: 10688

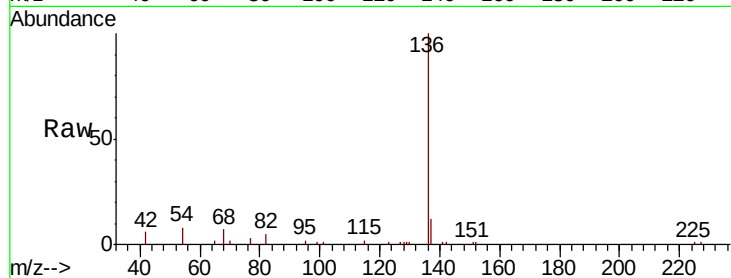
Ion Ratio Lower Upper

136 100

137 12.0 11.5 17.3

54 8.2 11.9 17.9#

68 6.6 12.3 18.5#



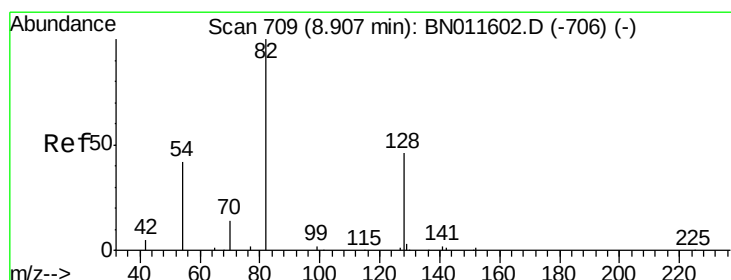
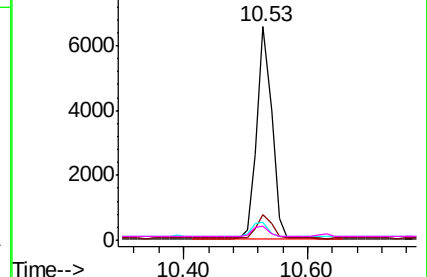
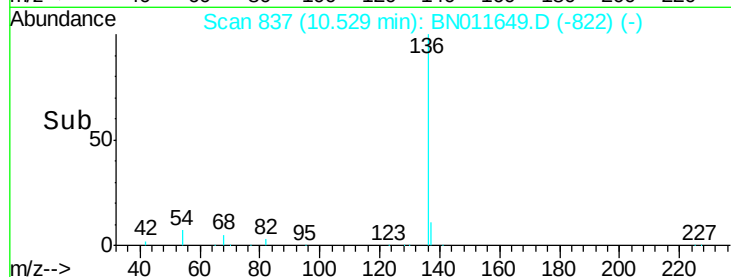
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.367 ng

RT: 8.88 min Scan# 707

Delta R.T. -0.03 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

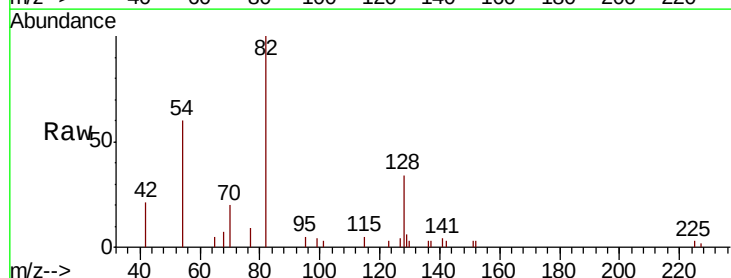
Tgt Ion: 82 Resp: 3400

Ion Ratio Lower Upper

82 100

128 33.6 31.1 46.7

54 60.1 37.1 55.7#

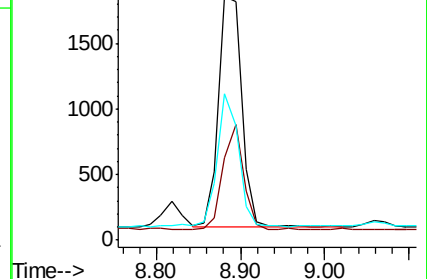
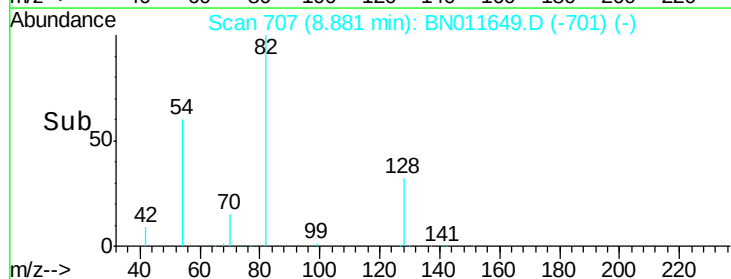


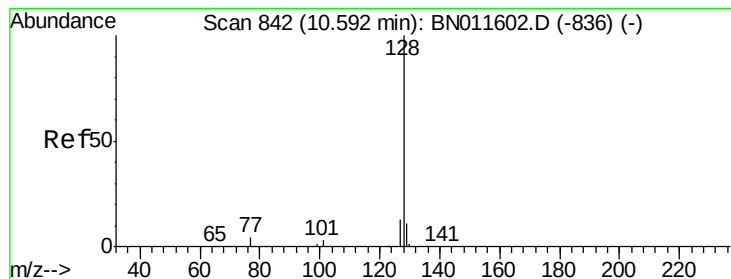
Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

Time-->





#9

Naphthalene

Concen: 0.298 ng

RT: 10.58 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

Instrument :

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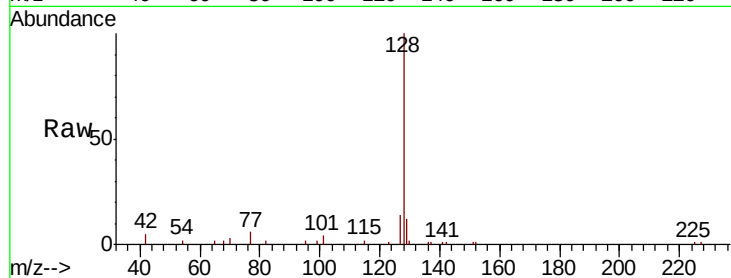
Tot Ion:128 Resp: 9056

Ion Ratio Lower Upper

128 100

129 12.3 11.0 16.4

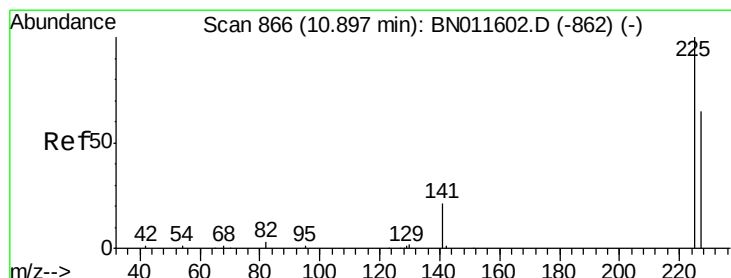
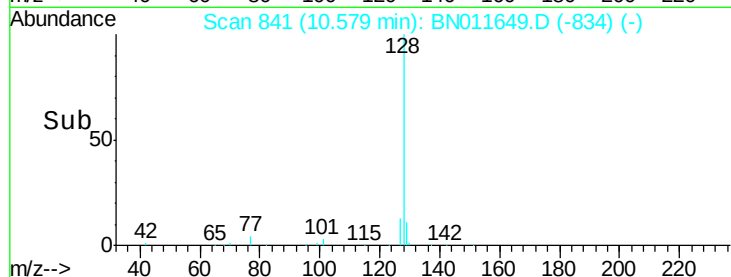
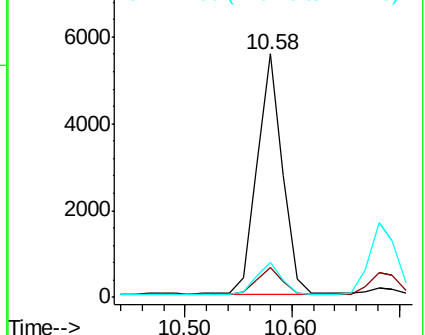
127 14.2 13.5 20.3



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: 0.275 ng

RT: 10.87 min Scan# 864

Delta R.T. -0.03 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

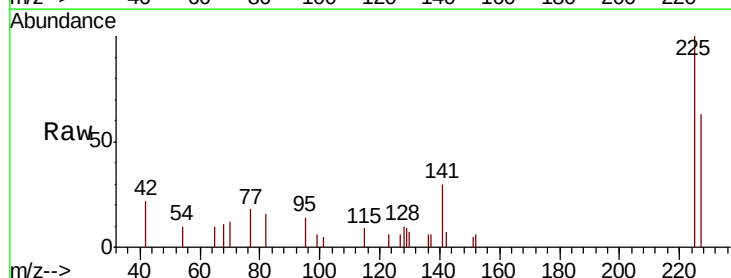
Tgt Ion:225 Resp: 1750

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

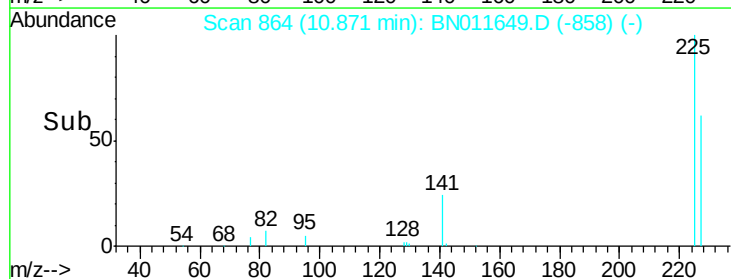
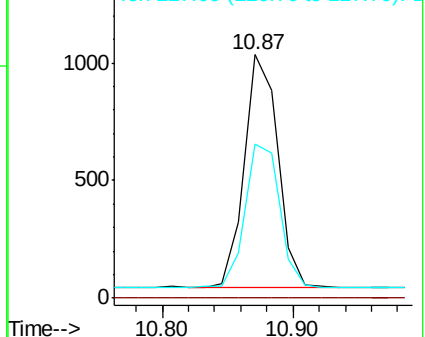
227 63.4 50.2 75.2

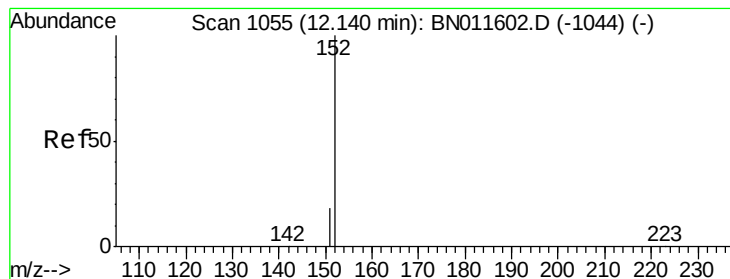


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.324 ng

RT: 12.13 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

Instrument :

BNA_N

ClientSampleId :

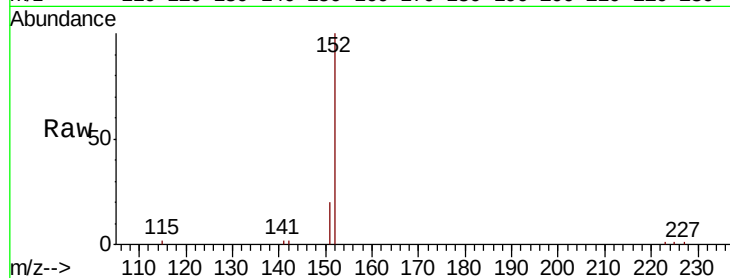
CS-2BMS

Tot Ion:152 Resp: 6562

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

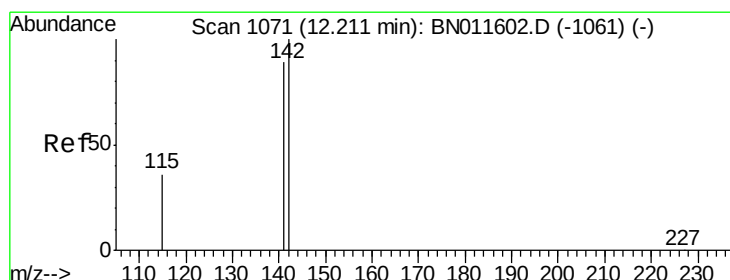
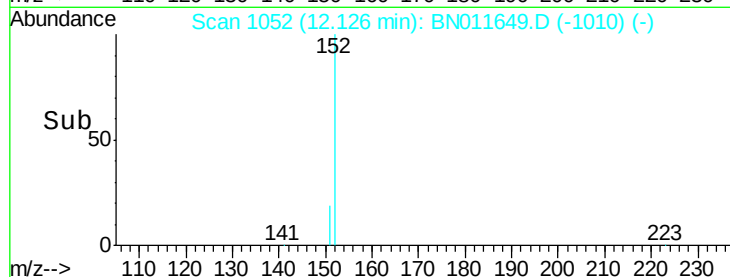
2000

1000

0

Time-->

12.00 12.10 12.20



#12

2-Methylnaphthalene

Concen: 0.291 ng

RT: 12.20 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

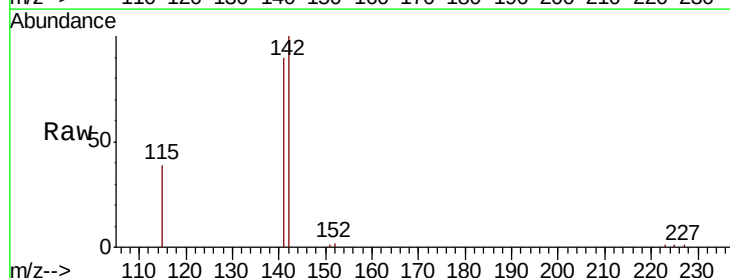
Tgt Ion:142 Resp: 6522

Ion Ratio Lower Upper

142 100

141 90.5 72.7 109.1

115 38.5 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

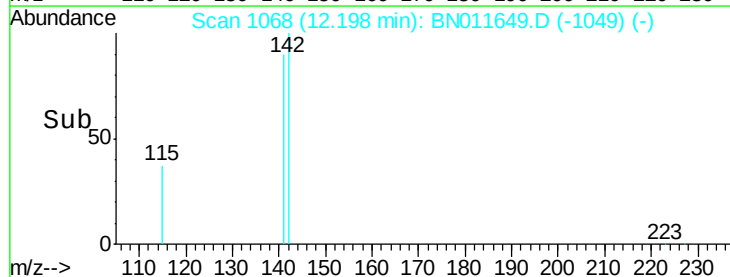
2000

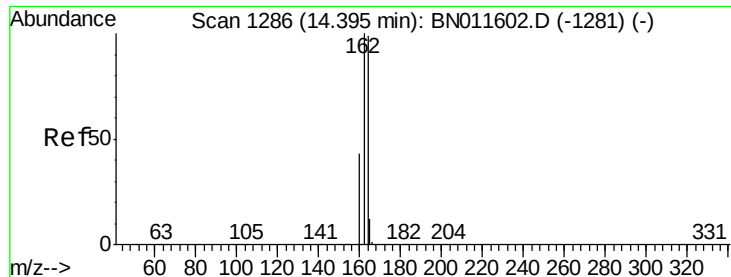
1000

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: BN011649.D

Acq: 26 Aug 2020 17:32

Instrument :

BNA_N

ClientSampleId :

CS-2BMS

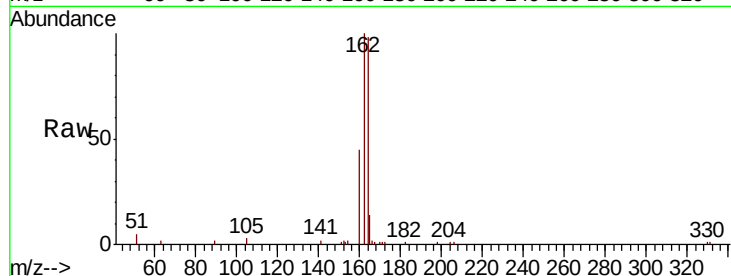
Tot Ion:164 Resp: 6398

Ion Ratio Lower Upper

164 100

162 102.4 80.8 121.2

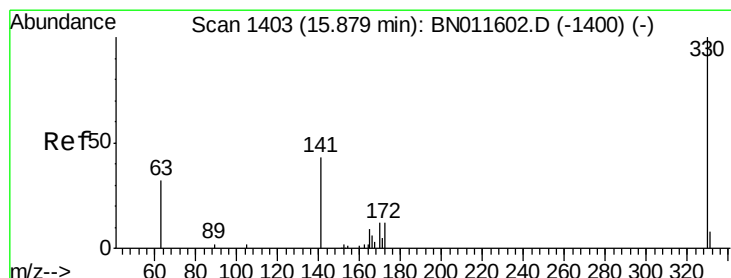
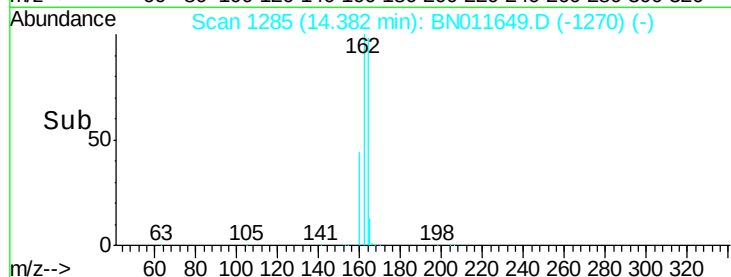
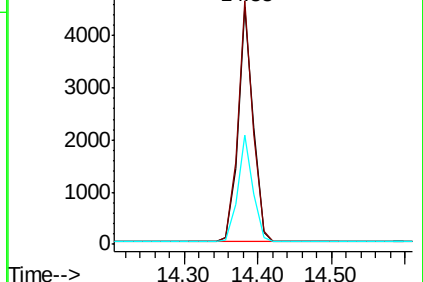
160 46.0 35.6 53.4



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: 0.274 ng

RT: 15.88 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

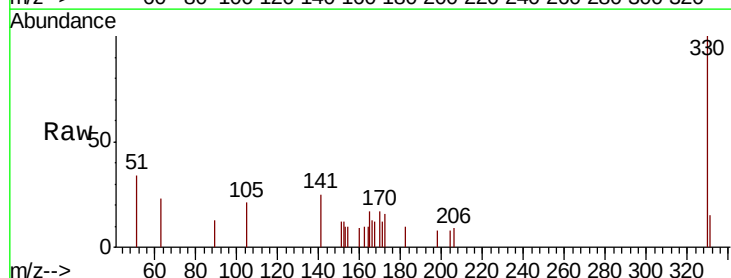
Tgt Ion:330 Resp: 962

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

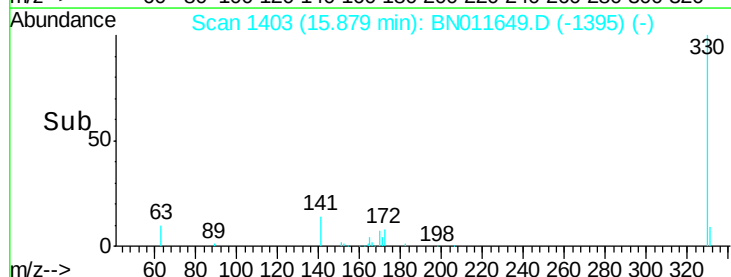
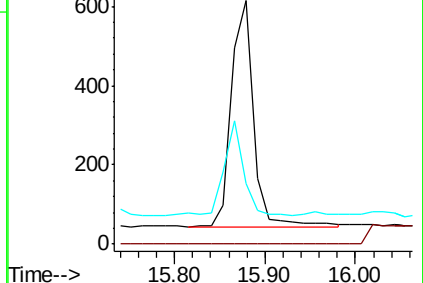
141 37.5 29.4 44.2

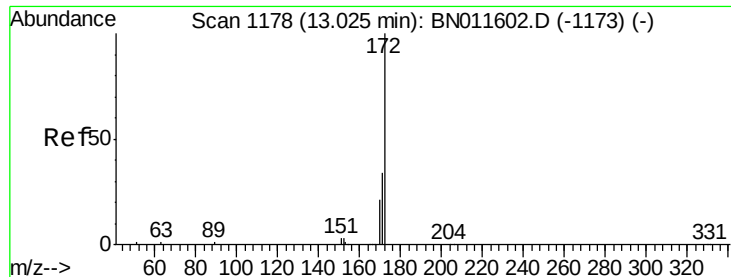


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

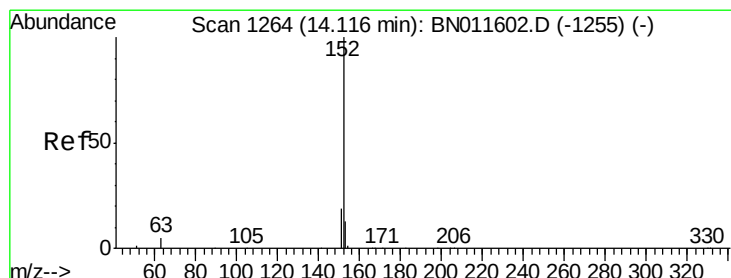
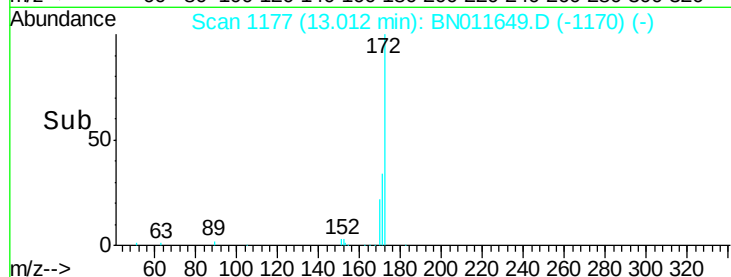
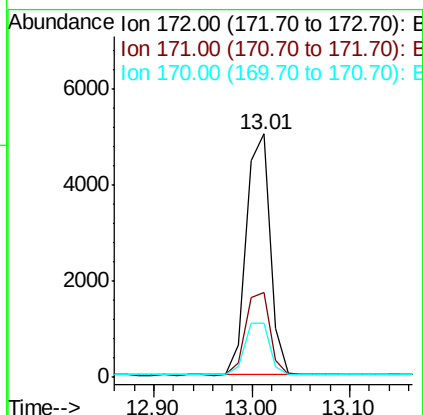
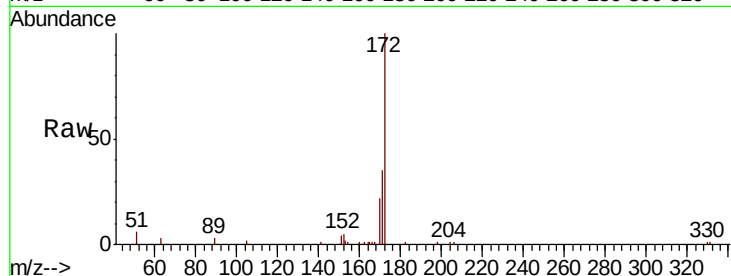




#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 13.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN011649.D
Acq: 26 Aug 2020 17:32

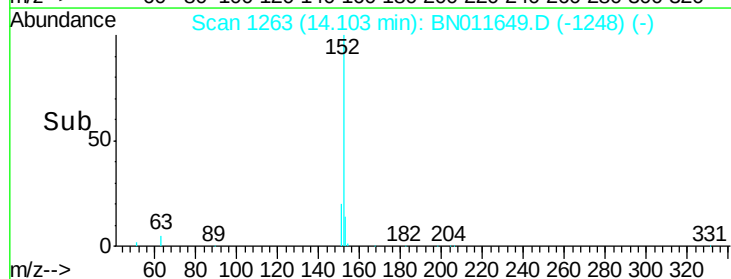
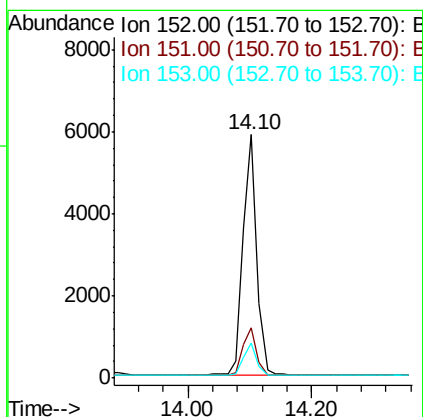
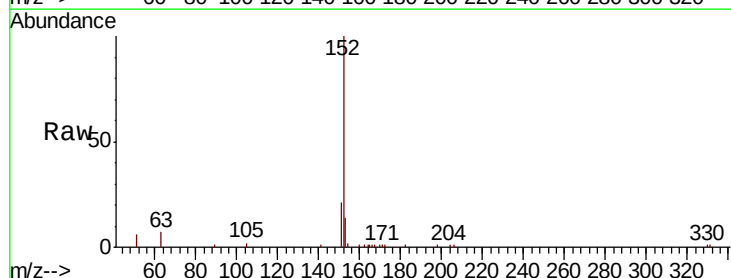
Instrument :
BNA_N
ClientSampleId :
CS-2BMS

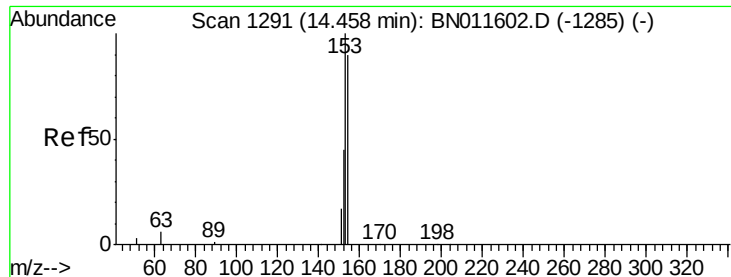
Tot Ion:172 Resp: 8496
Ion Ratio Lower Upper
172 100
171 34.7 28.6 42.8
170 22.5 18.2 27.2



#16
Acenaphthylene
Concen: 0.268 ng
RT: 14.10 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BN011649.D
Acq: 26 Aug 2020 17:32

Tgt Ion:152 Resp: 9035
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.5 11.0 16.4





#17

Acenaphthene

Concen: 0.281 ng

RT: 14.45 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

Instrument :

BNA_N

ClientSampleId :

CS-2BMS

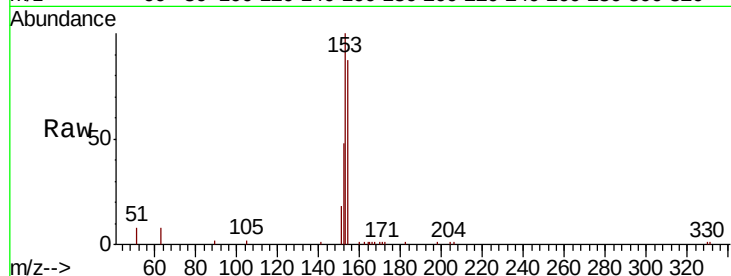
Tot Ion:154 Resp: 6002

Ion Ratio Lower Upper

154 100

153 112.4 86.6 130.0

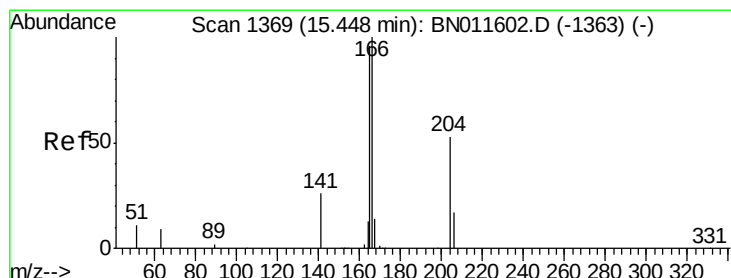
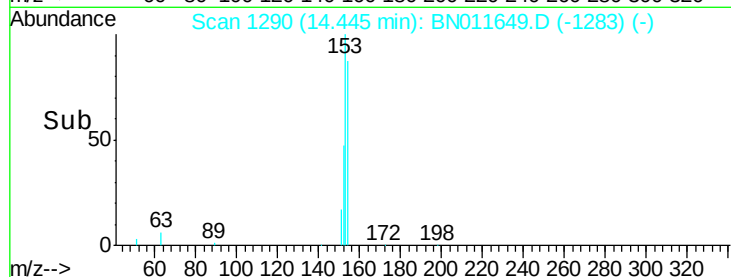
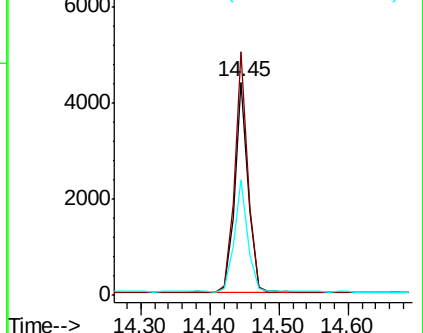
152 53.5 40.1 60.1



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: 0.278 ng

RT: 15.44 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

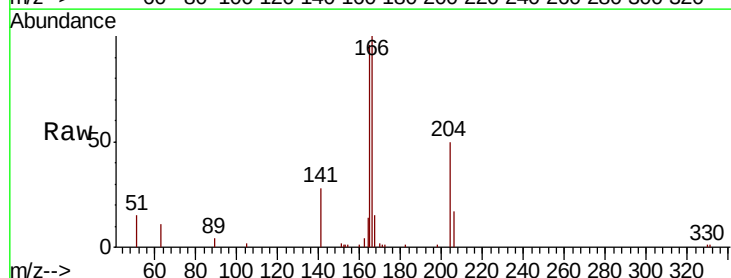
Tgt Ion:166 Resp: 7687

Ion Ratio Lower Upper

166 100

165 96.4 77.4 116.2

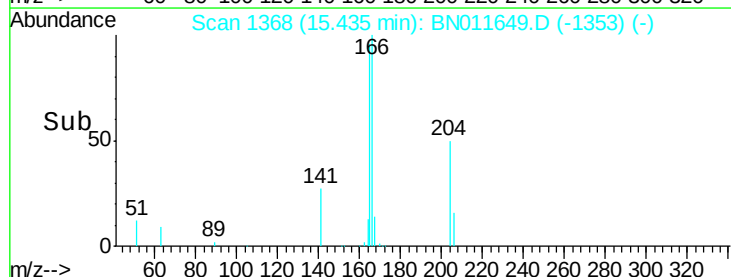
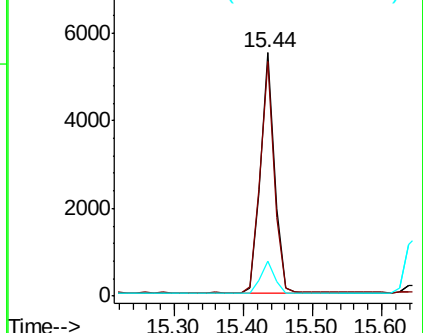
167 13.6 11.5 17.3

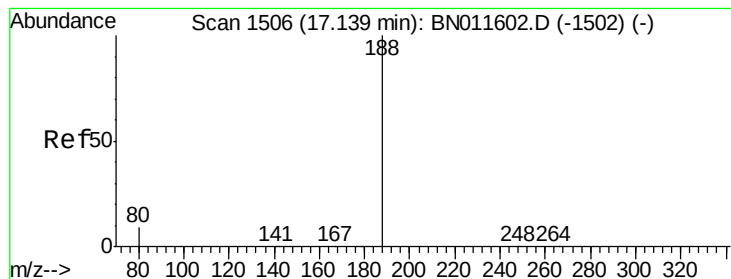


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN011649.D

Acq: 26 Aug 2020 17:32

Instrument :

BNA_N

ClientSampleId :

CS-2BMS

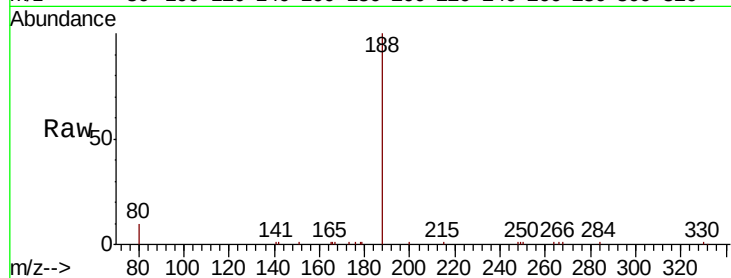
Tot Ion:188 Resp: 13520

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

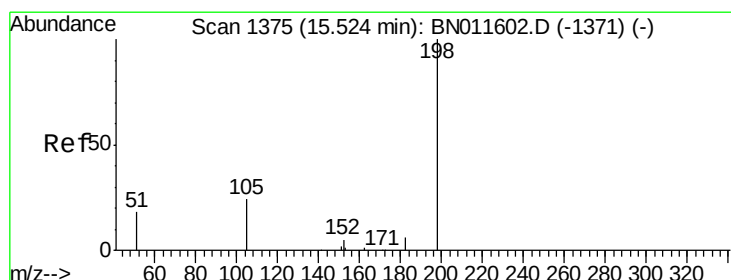
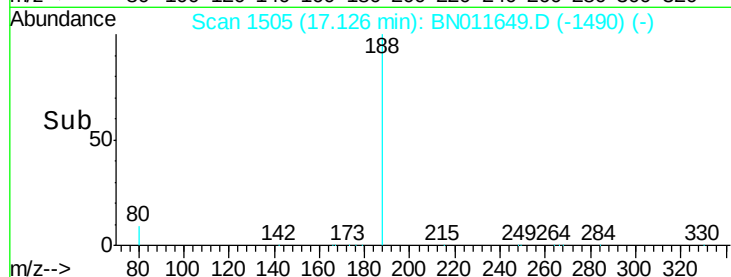
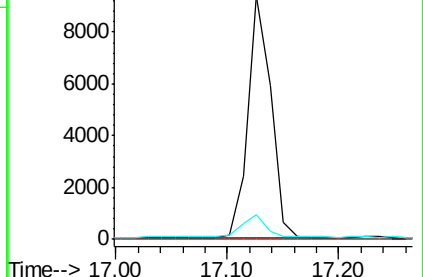
80 10.2 9.2 13.8



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: 0.225 ng

RT: 15.51 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

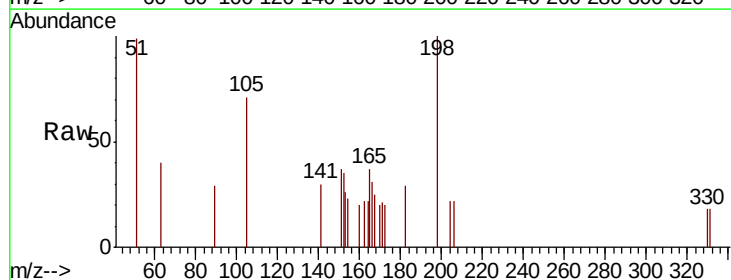
Tgt Ion:198 Resp: 350

Ion Ratio Lower Upper

198 100

51 99.2 99.6 149.4#

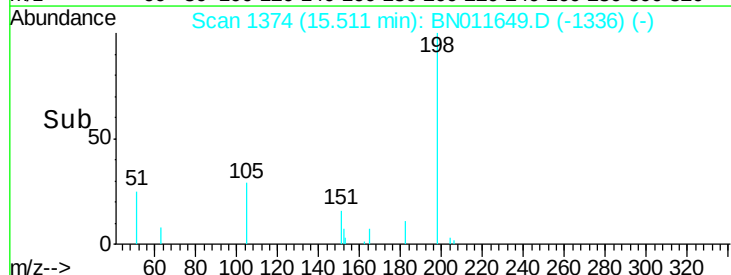
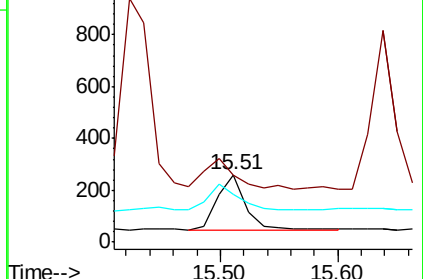
105 71.2 118.8 178.2#

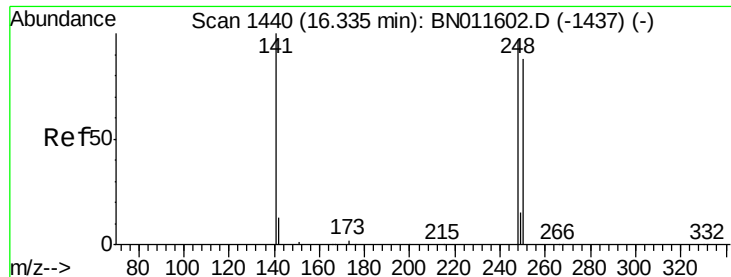


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 0.277 ng

RT: 16.32 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

Instrument :

BNA_N

ClientSampleId :

CS-2BMS

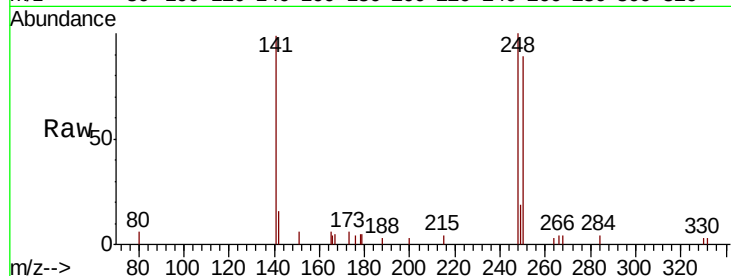
Tot Ion:248 Resp: 2181

Ion Ratio Lower Upper

248 100

250 88.6 73.4 110.2

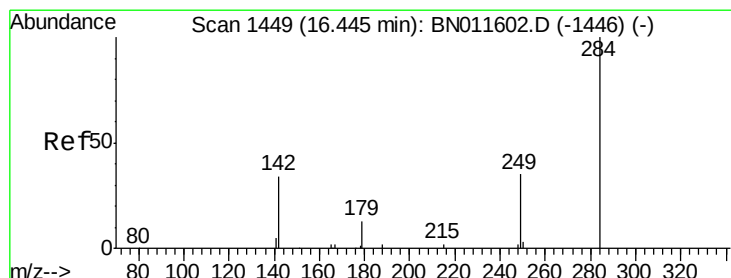
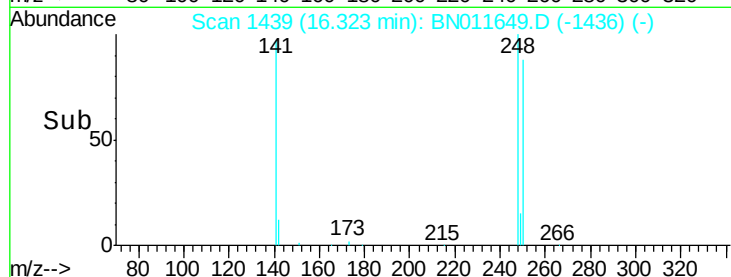
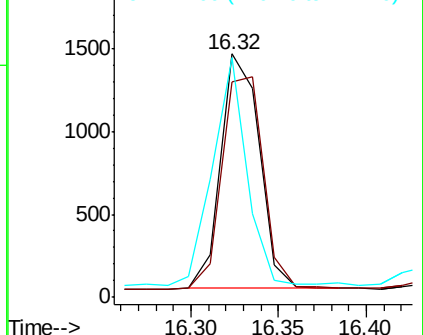
141 98.6 88.5 132.7



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



#22

Hexachlorobenzene

Concen: 0.296 ng

RT: 16.44 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

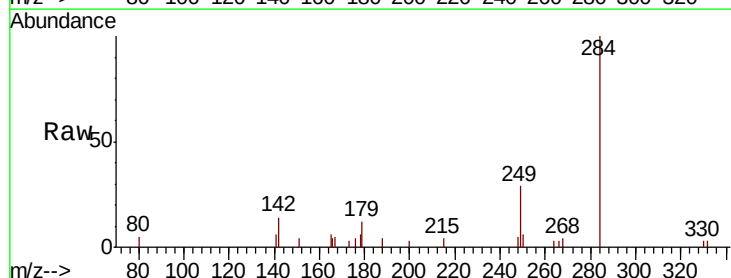
Tgt Ion:284 Resp: 2699

Ion Ratio Lower Upper

284 100

142 34.2 27.3 40.9

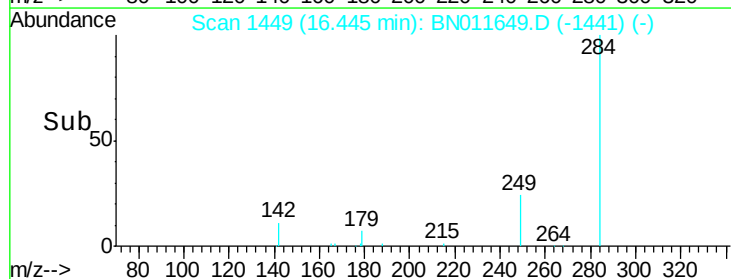
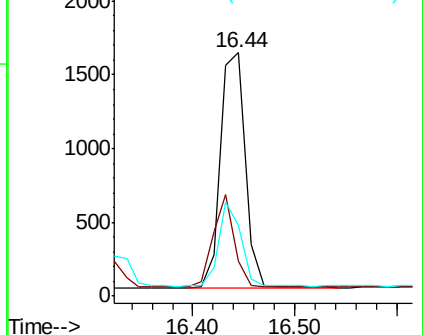
249 32.3 25.2 37.8

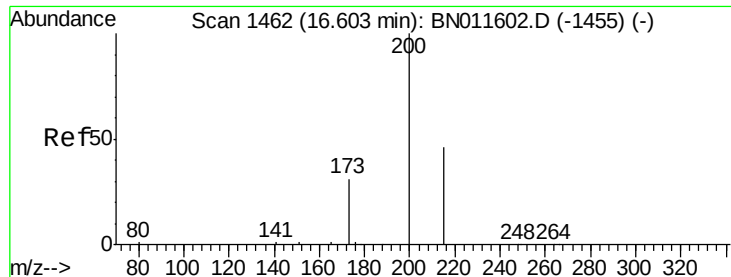


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

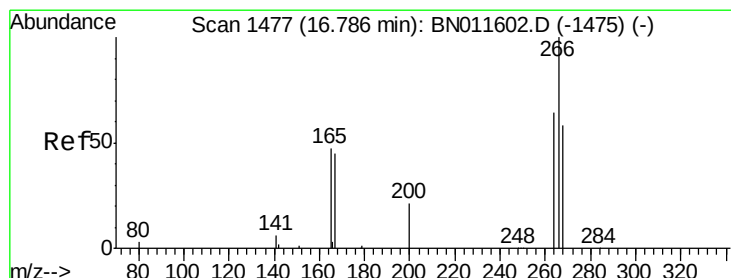
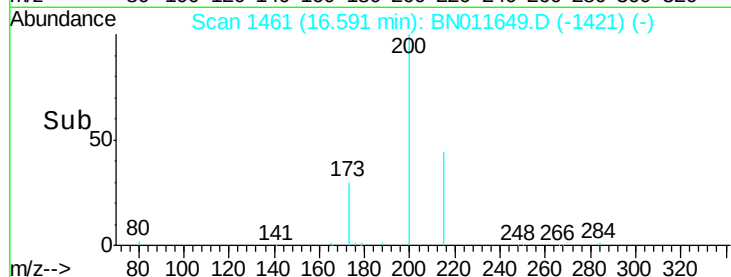
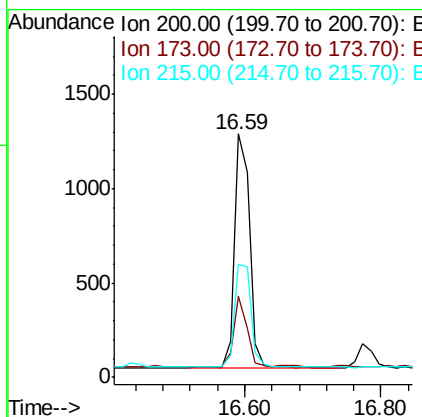
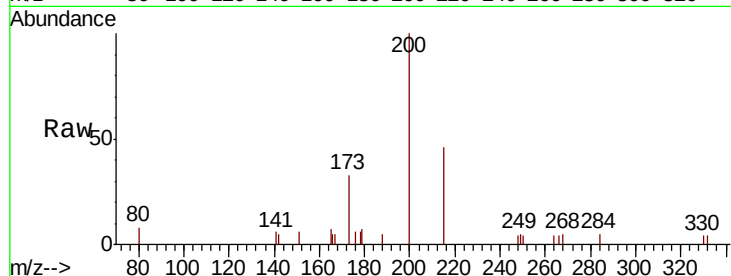




#23
Atrazine
Concen: 0.245 ng
RT: 16.59 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BN011649.D
Acq: 26 Aug 2020 17:32

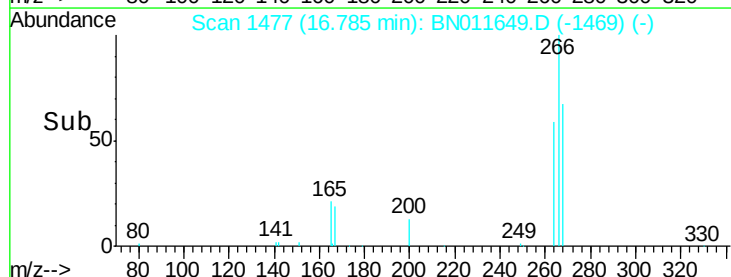
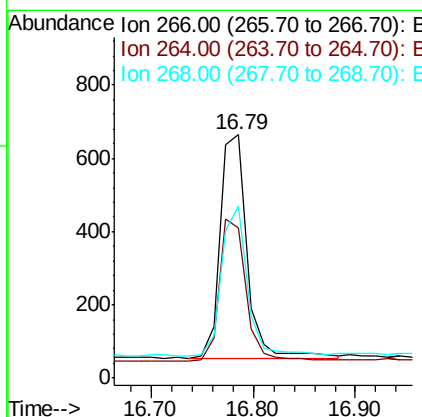
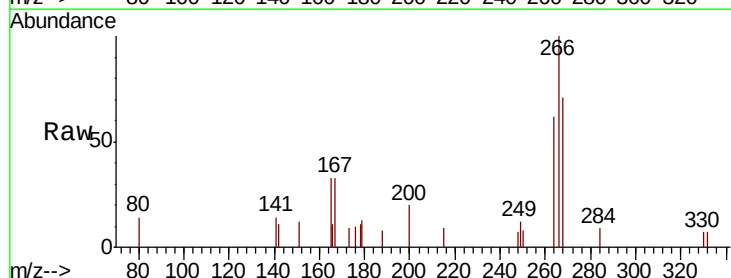
Instrument :
BNA_N
ClientSampleId :
CS-2BMS

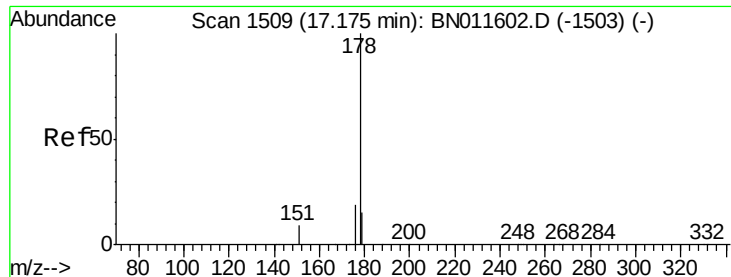
Tot Ion	Ratio	Lower	Upper
200	100		
173	33.4	28.2	42.4
215	46.4	39.8	59.6



#24
Pentachlorophenol
Concen: 0.278 ng
RT: 16.79 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BN011649.D
Acq: 26 Aug 2020 17:32

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.8	48.1	72.1
268	64.3	48.4	72.6





#25

Phenanthrene

Concen: 0.304 ng

RT: 17.17 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

Instrument :

BNA_N

ClientSampleId :

CS-2BMS

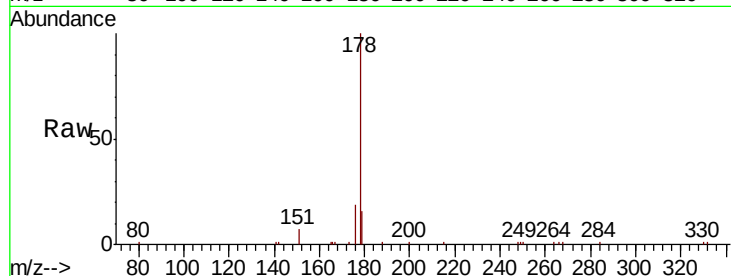
Tot Ion:178 Resp: 12752

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

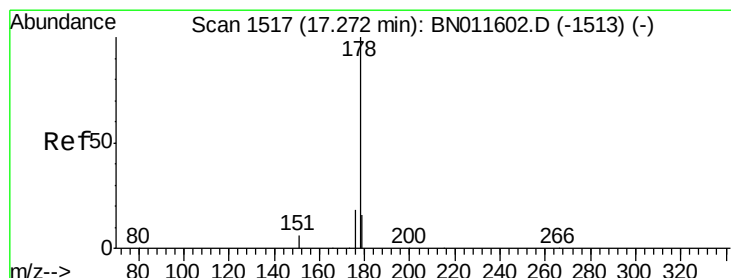
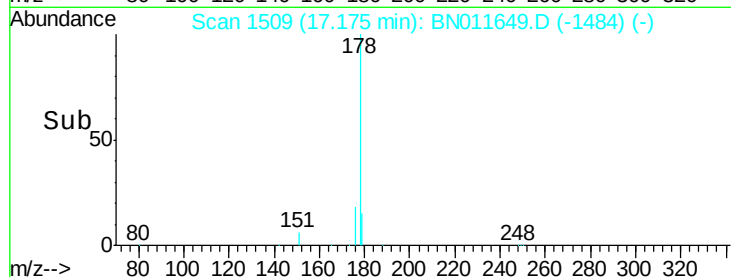
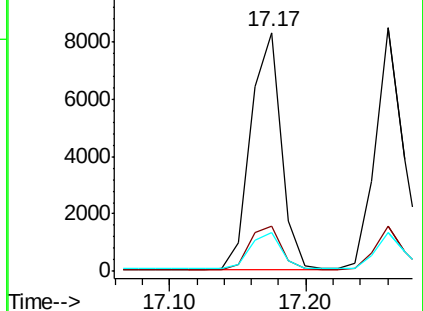
179 15.5 12.6 18.8



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: 0.285 ng

RT: 17.26 min Scan# 1516

Delta R.T. -0.01 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

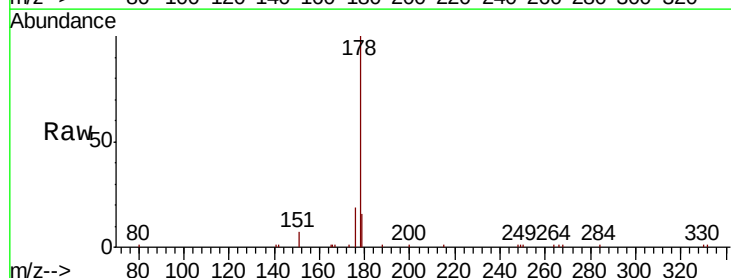
Tgt Ion:178 Resp: 11792

Ion Ratio Lower Upper

178 100

176 18.2 14.6 21.8

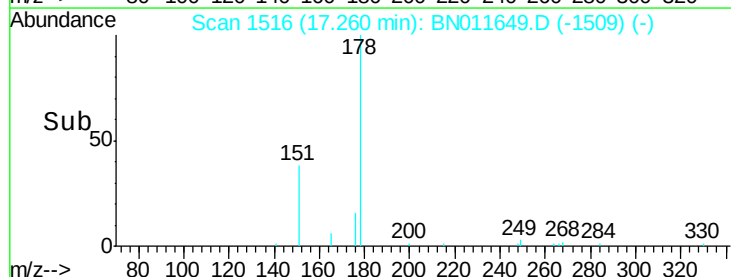
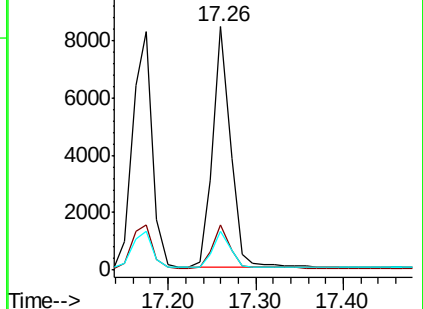
179 15.2 12.5 18.7

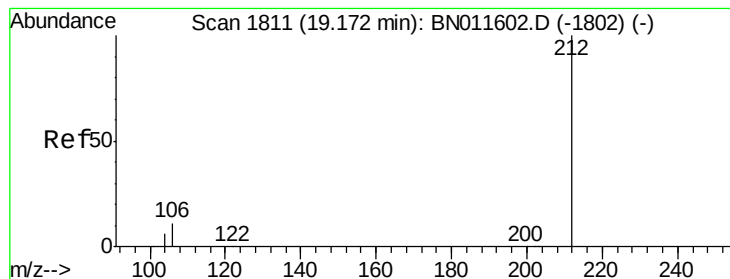


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 0.324 ng

RT: 19.17 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

Instrument :

BNA_N

ClientSampleId :

CS-2BMS

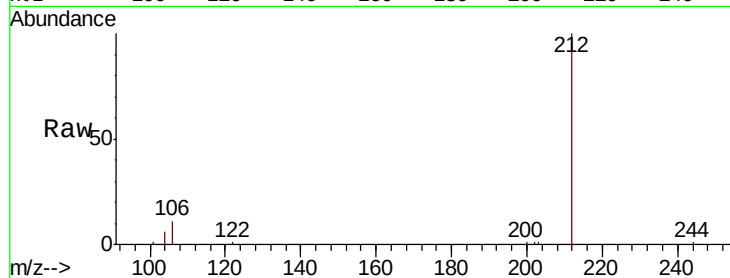
Tot Ion:212 Resp: 14290

Ion Ratio Lower Upper

212 100

106 10.7 8.9 13.3

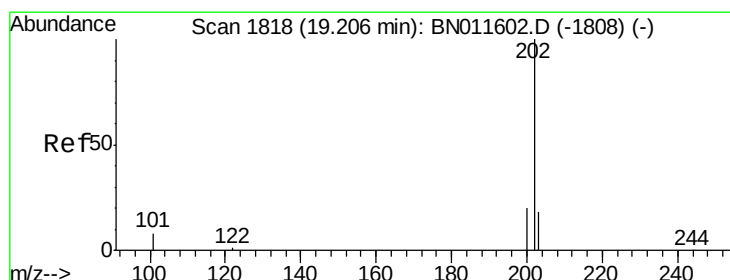
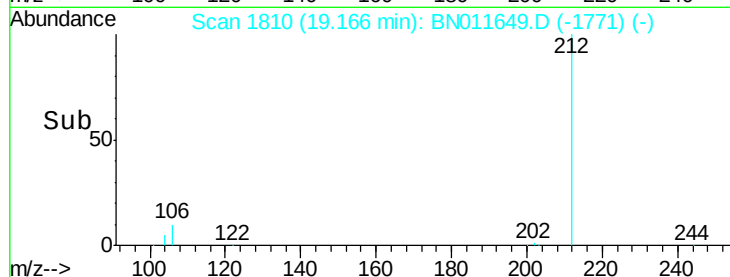
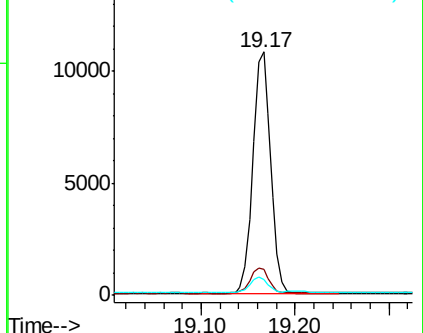
104 6.3 5.3 7.9



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: 0.311 ng

RT: 19.20 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

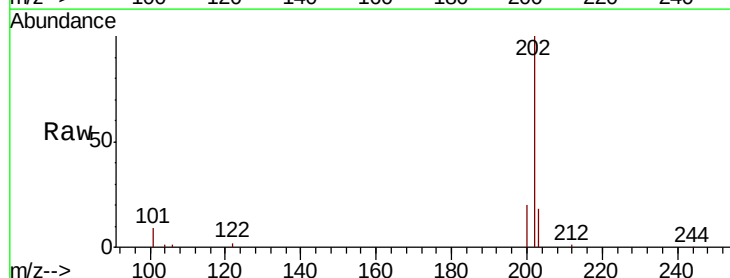
Tgt Ion:202 Resp: 15844

Ion Ratio Lower Upper

202 100

101 9.6 7.7 11.5

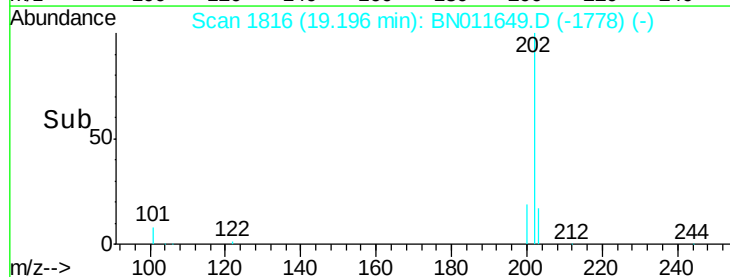
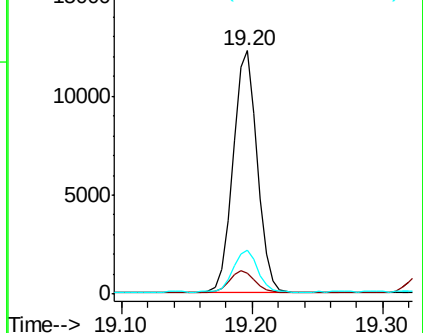
203 17.3 13.9 20.9

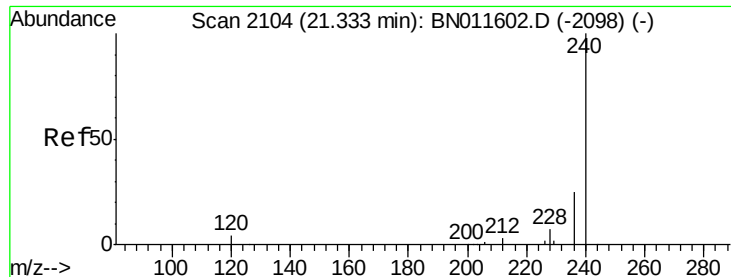


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN011649.D

Acq: 26 Aug 2020 17:32

Instrument :

BNA_N

ClientSampleId :

CS-2BMS

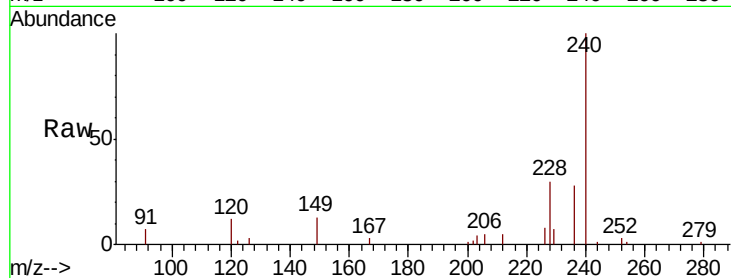
Tot Ion:240 Resp: 16148

Ion Ratio Lower Upper

240 100

120 11.9 6.0 9.0#

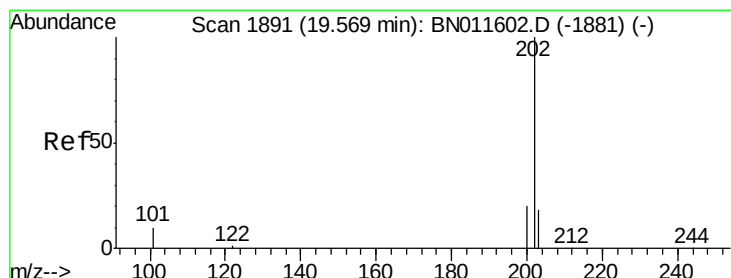
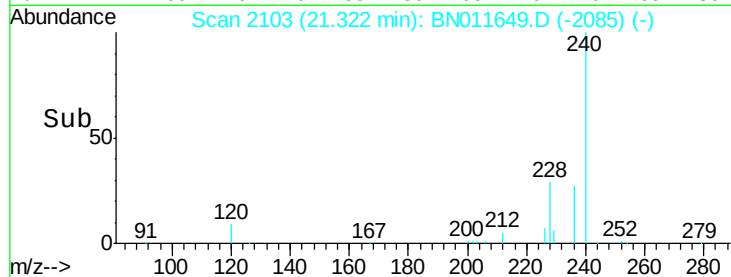
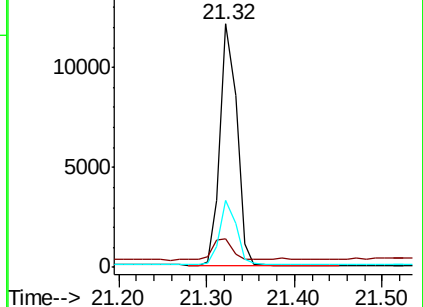
236 27.6 20.8 31.2



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: 0.288 ng

RT: 19.56 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

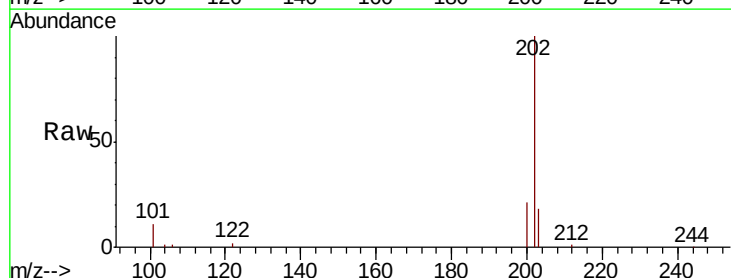
Tgt Ion:202 Resp: 16485

Ion Ratio Lower Upper

202 100

200 20.5 16.3 24.5

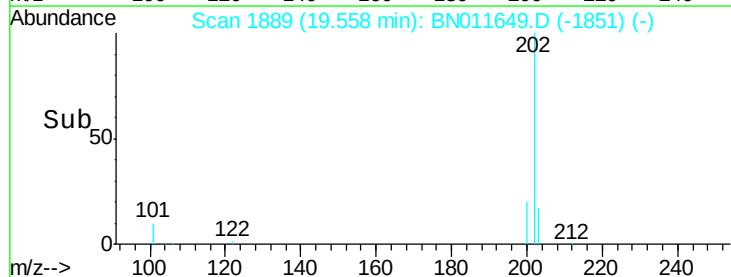
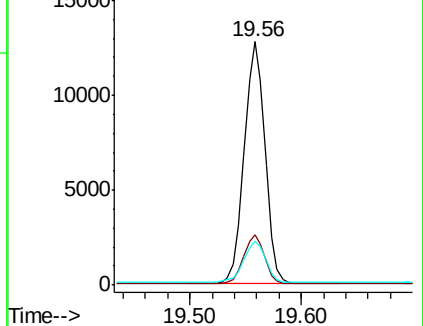
203 18.6 14.2 21.4

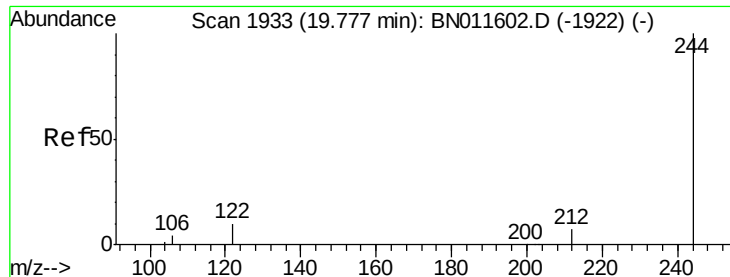


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.309 ng

RT: 19.77 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

Instrument :

BNA_N

ClientSampled :

CS-2BMS

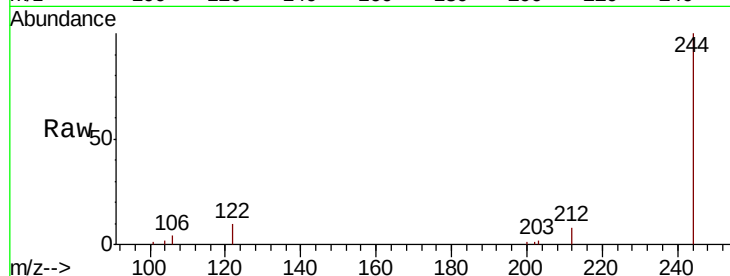
Tot Ion:244 Resp: 12758

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

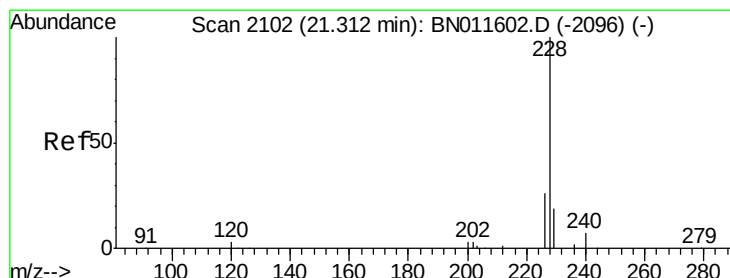
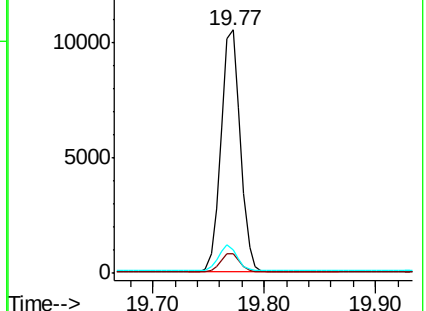
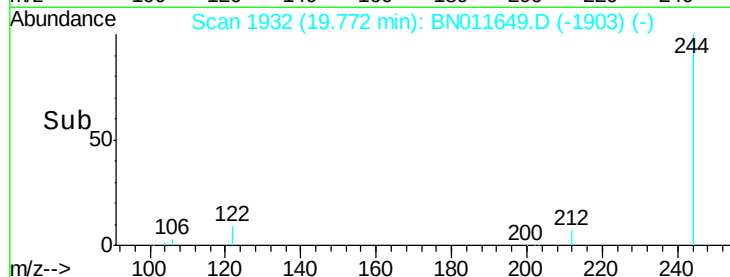
122 9.7 9.5 14.3



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: 0.302 ng

RT: 21.31 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

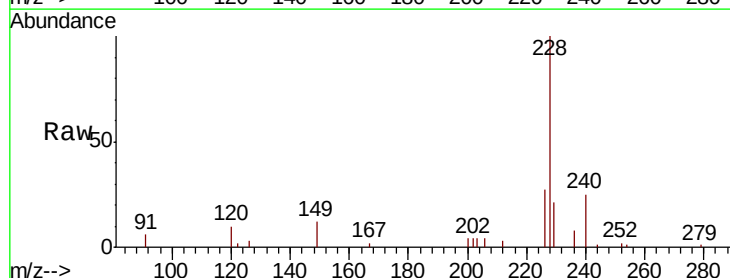
Tgt Ion:228 Resp: 17560

Ion Ratio Lower Upper

228 100

226 26.6 21.2 31.8

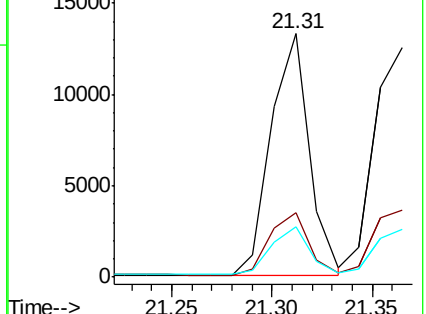
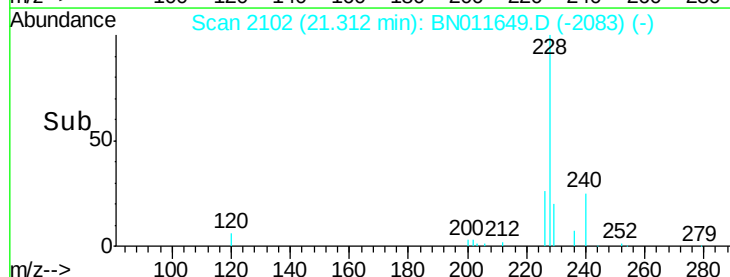
229 20.9 15.8 23.8

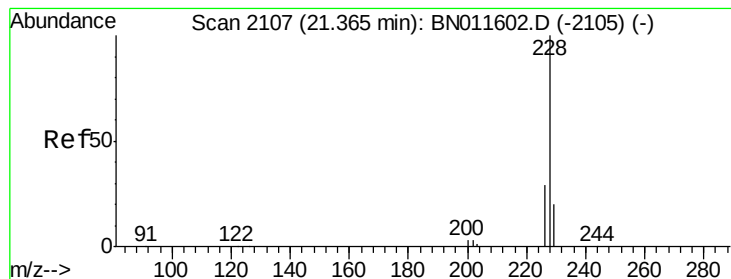


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.313 ng

RT: 21.36 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

Instrument :

BNA_N

ClientSampleId :

CS-2BMS

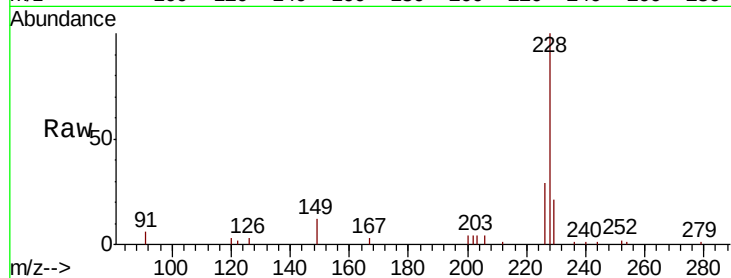
Tot Ion:228 Resp: 17389

Ion Ratio Lower Upper

228 100

226 29.1 23.6 35.4

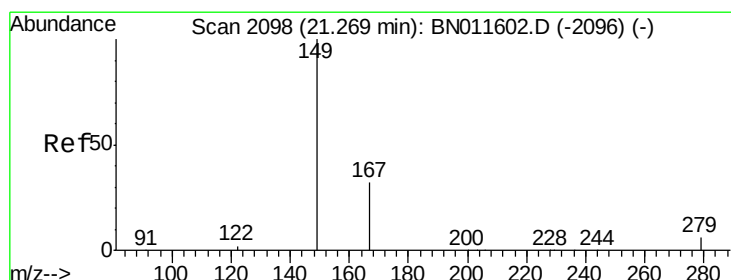
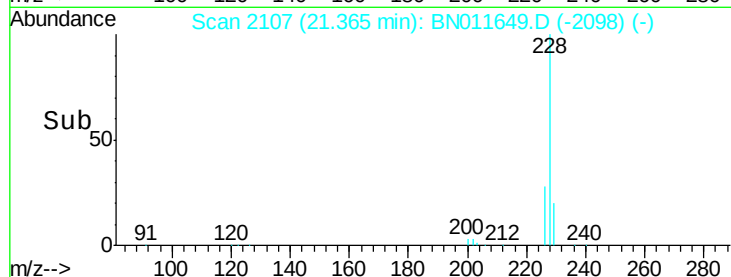
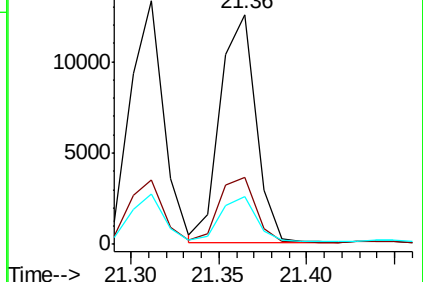
229 21.0 16.0 24.0



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: 0.264 ng

RT: 21.26 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

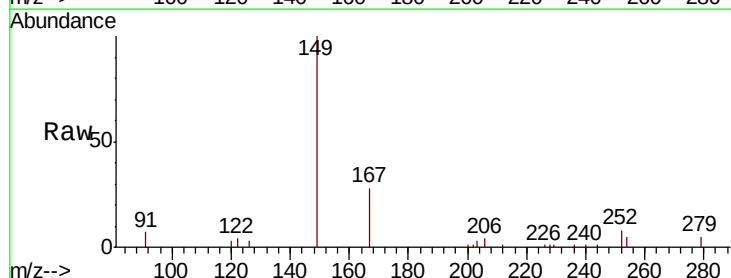
Tgt Ion:149 Resp: 11482

Ion Ratio Lower Upper

149 100

167 28.6 20.6 31.0

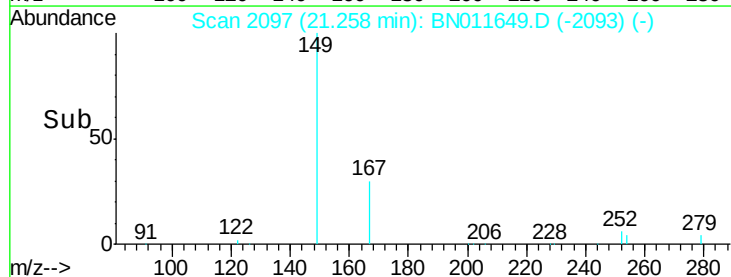
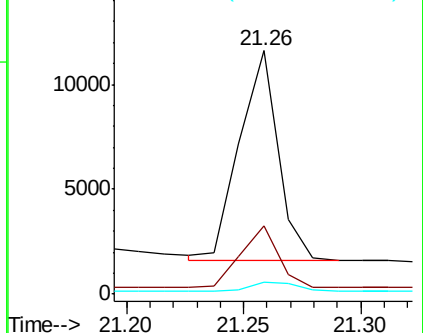
279 5.1 3.8 5.8

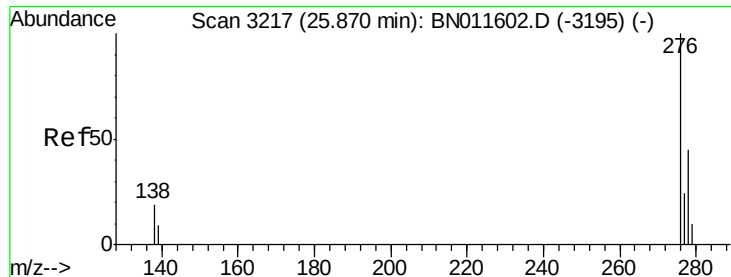


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

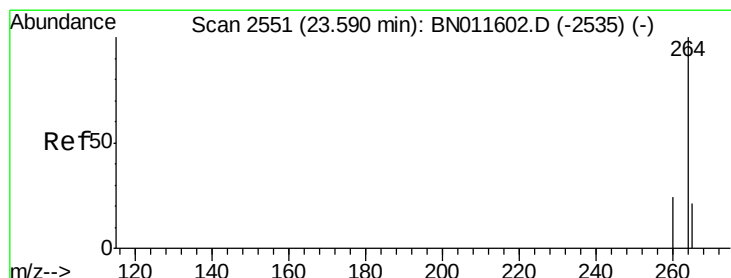
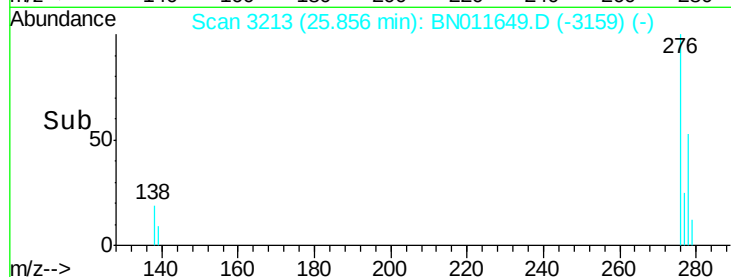
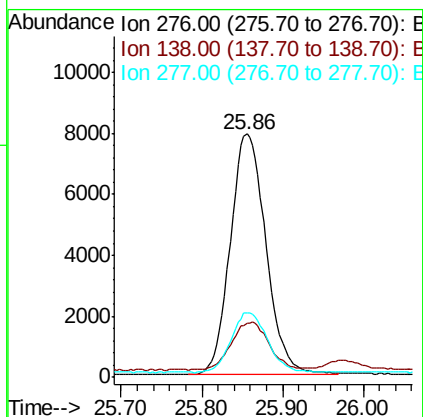
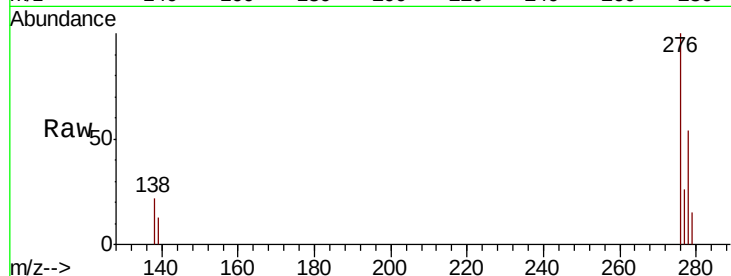




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.358 ng
 RT: 25.86 min Scan# 3213
 Delta R.T. -0.01 min
 Lab File: BN011649.D
 Acq: 26 Aug 2020 17:32

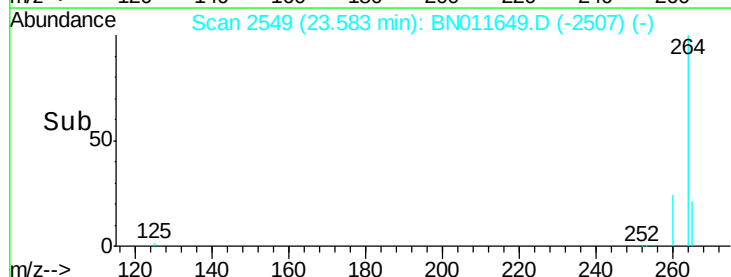
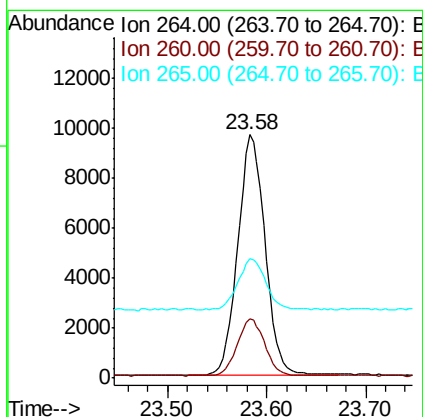
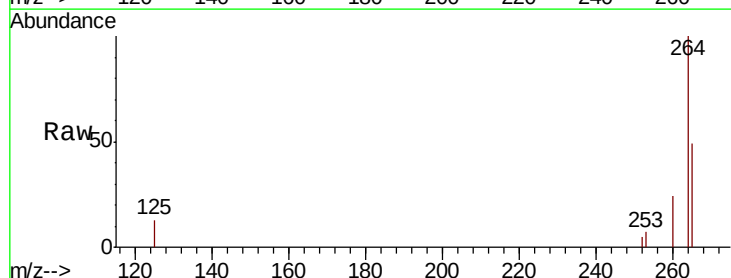
Instrument :
 BNA_N
 ClientSampleId :
 CS-2BMS

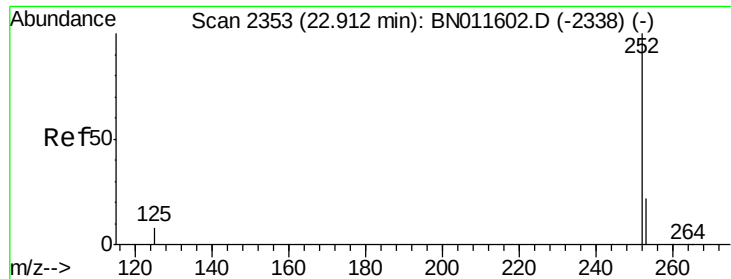
Tot Ion:276 Resp: 24279
 Ion Ratio Lower Upper
 276 100
 138 21.0 0.0 0.0#
 277 25.6 0.0 0.0#



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.58 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BN011649.D
 Acq: 26 Aug 2020 17:32

Tgt Ion:264 Resp: 18405
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.6 29.4
 265 49.2 40.7 61.1





#37

Benzo(b)fluoranthene

Concen: 0.299 ng

RT: 22.91 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

Instrument :

BNA_N

ClientSampleId :

CS-2BMS

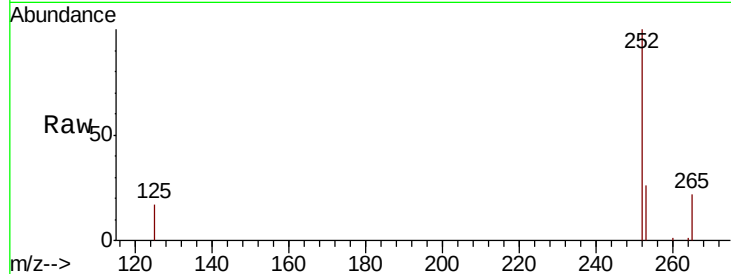
Tot Ion:252 Resp: 19937

Ion Ratio Lower Upper

252 100

253 25.9 21.0 31.6

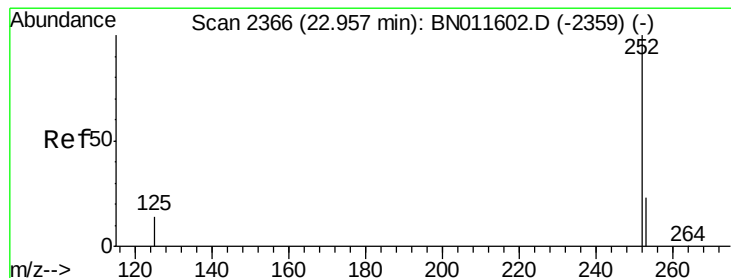
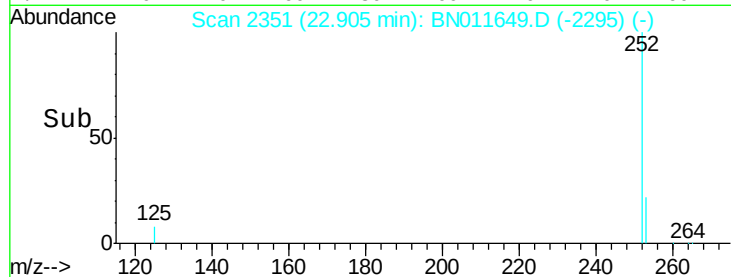
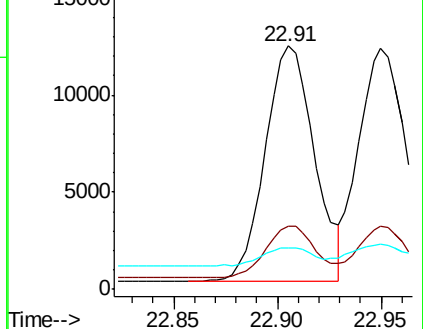
125 17.2 11.0 16.6#



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: 0.294 ng

RT: 22.95 min Scan# 2364

Delta R.T. -0.01 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

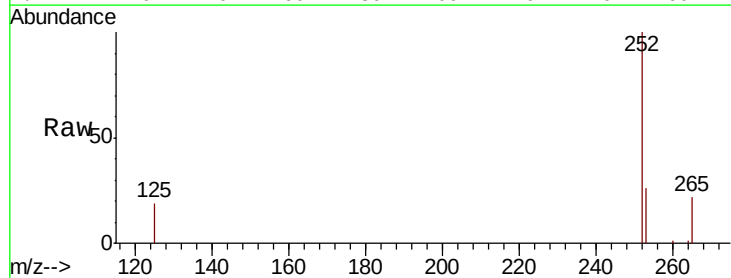
Tgt Ion:252 Resp: 19470

Ion Ratio Lower Upper

252 100

253 26.4 21.2 31.8

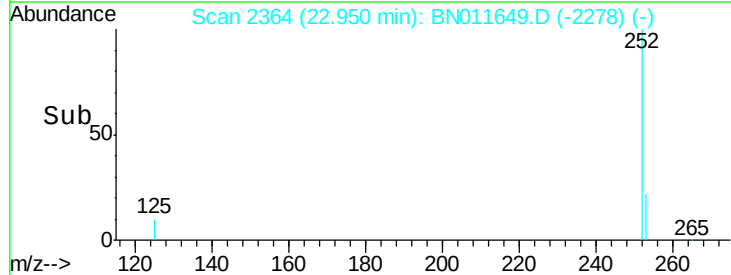
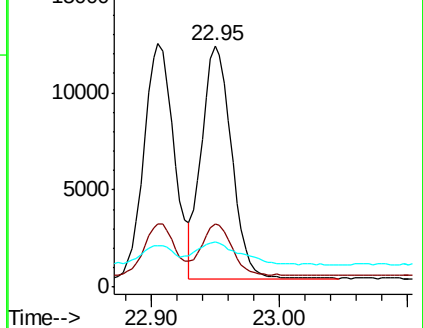
125 18.7 14.6 21.8

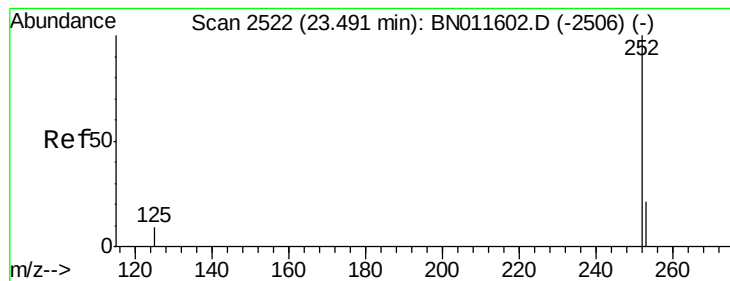


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.291 ng

RT: 23.48 min Scan# 2520

Delta R.T. -0.01 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

Instrument :

BNA_N

ClientSampleId :

CS-2BMS

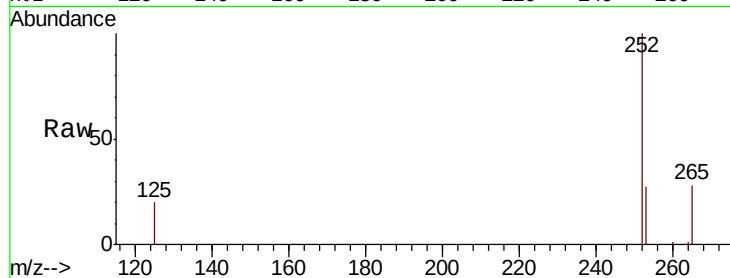
Tot Ion:252 Resp: 18087

Ion Ratio Lower Upper

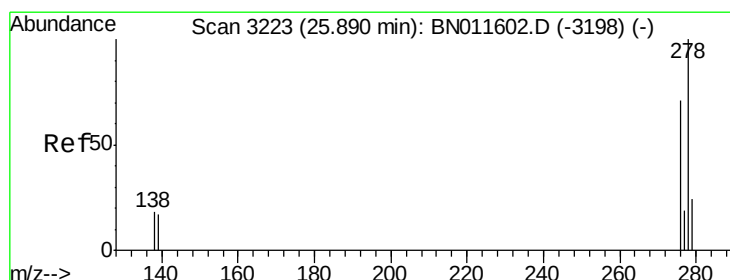
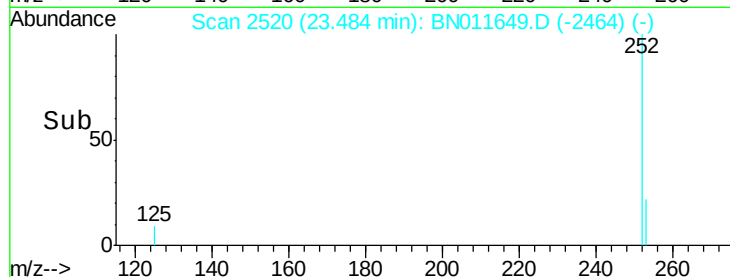
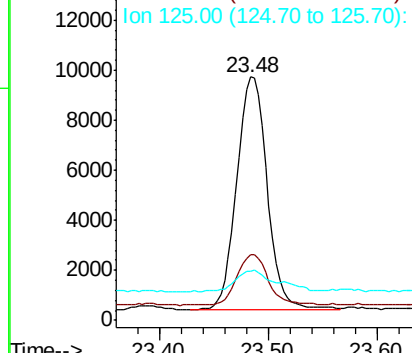
252 100

253 27.2 21.2 31.8

125 20.4 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: 0.315 ng

RT: 25.87 min Scan# 3218

Delta R.T. -0.02 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

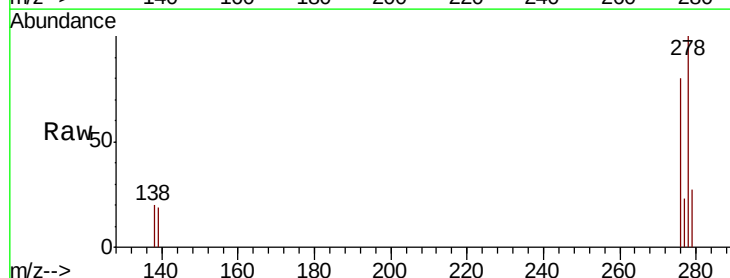
Tgt Ion:278 Resp: 20459

Ion Ratio Lower Upper

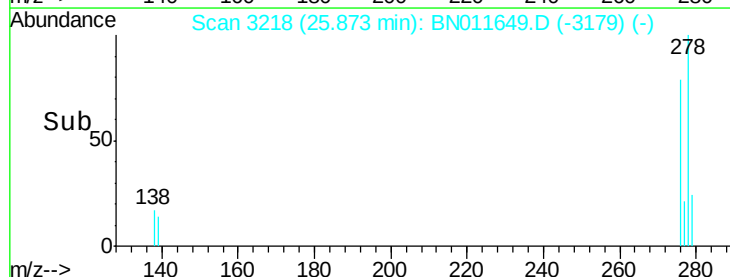
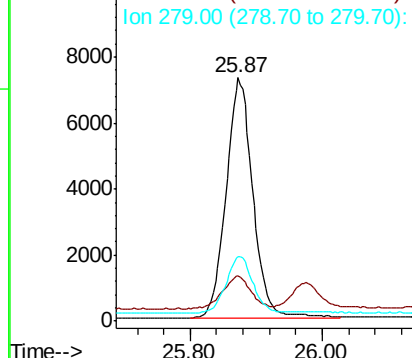
278 100

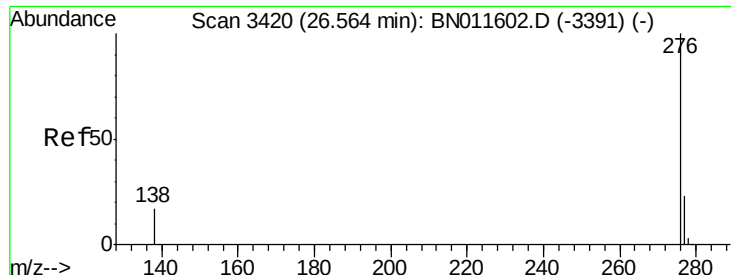
139 18.7 16.6 25.0

279 26.5 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: 0.333 ng

RT: 26.55 min Scan# 3415

Delta R.T. -0.02 min

Lab File: BN011649.D

Acq: 26 Aug 2020 17:32

Instrument :

BNA_N

ClientSampleId :

CS-2BMS

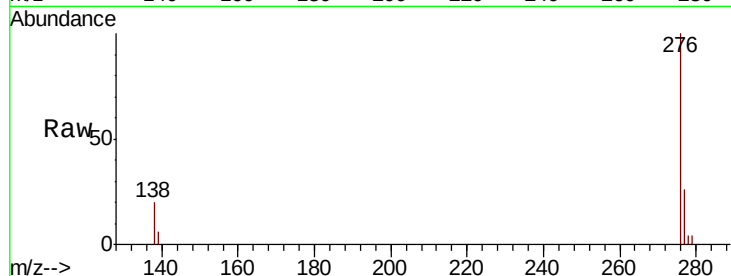
Tot Ion: 276 Resp: 20994

Ion Ratio Lower Upper

276 100

277 25.7 20.5 30.7

138 20.2 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

