

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082620\
 Data File : BN011648.D
 Acq On : 26 Aug 2020 16:56
 Operator : CG/JU
 Sample : L3768-05MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CS-3MSD

Quant Time: Aug 26 18:21:18 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	2947	0.40	ng	-0.02
7) Naphthalene-d8	10.53	136	11604	0.40	ng	-0.01
13) Acenaphthene-d10	14.38	164	6776	0.40	ng	-0.01
19) Phenanthrene-d10	17.13	188	14152	0.40	ng	-0.01
29) Chrysene-d12	21.32	240	15644	0.40	ng	-0.01
36) Perylene-d12	23.58	264	19653	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.34	112	4238	0.45	ng	0.00
5) Phenol-d6	6.91	99	5502	0.41	ng	0.00
8) Nitrobenzene-d5	8.88	82	5979	0.60	ng	-0.03
11) 2-Methylnaphthalene-d10	12.13	152	7052	0.32	ng	-0.01
14) 2,4,6-Tribromophenol	15.88	330	1335	0.36	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	15107	0.57	ng	-0.01
27) Fluoranthene-d10	19.16	212	14558	0.32	ng	-0.01
31) Terphenyl-d14	19.77	244	23467	0.59	ng	-0.01

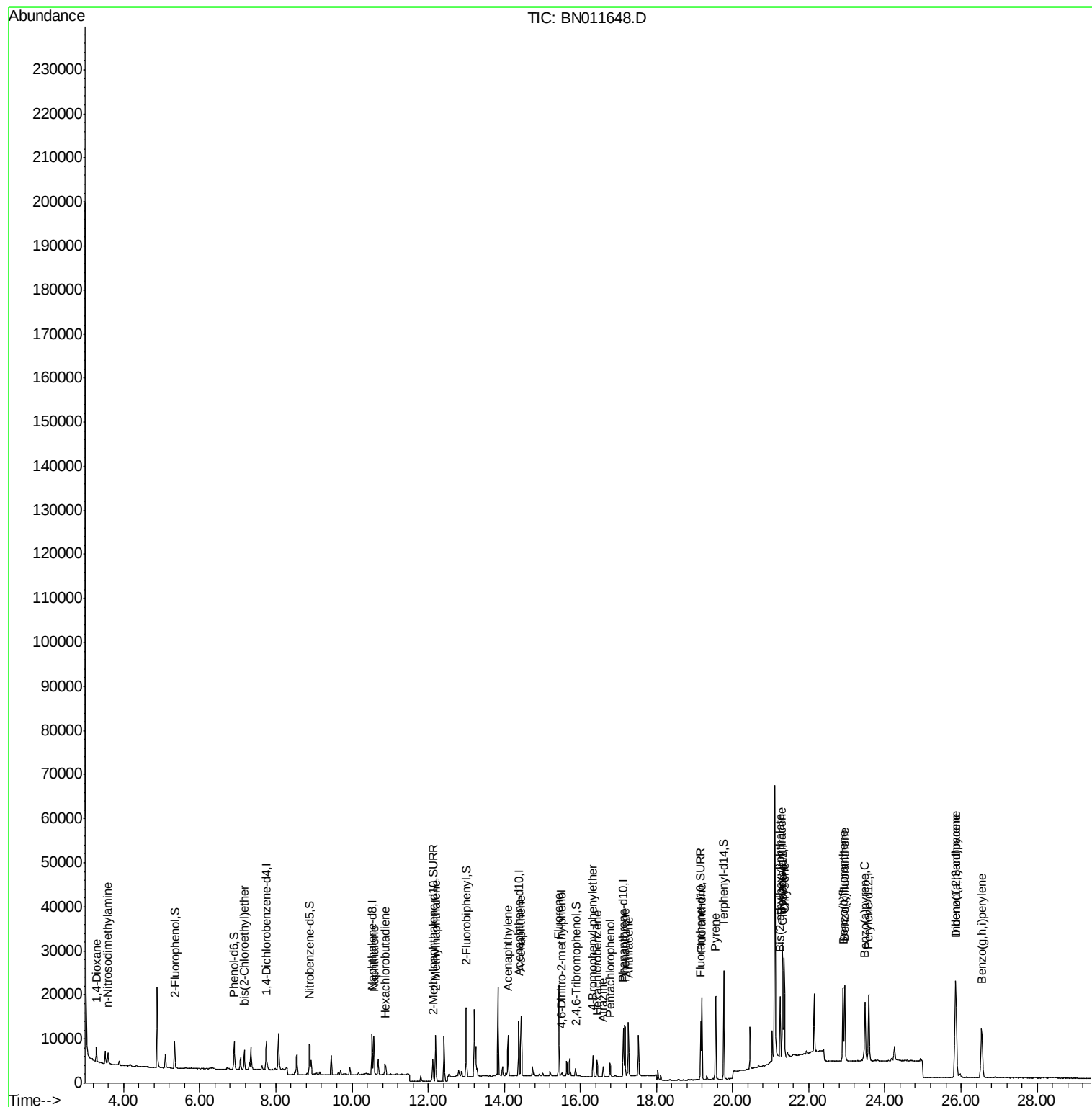
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.29	88	1922	0.421	ng	# 1
3) n-Nitrosodimethylamine	3.58	42	1697	0.353	ng	# 97
6) bis(2-Chloroethyl)ether	7.17	93	3064	0.324	ng	97
9) Naphthalene	10.58	128	10348	0.314	ng	94
10) Hexachlorobutadiene	10.87	225	2041	0.295	ng	# 98
12) 2-Methylnaphthalene	12.20	142	7253	0.298	ng	98
16) Acenaphthylene	14.10	152	9820	0.275	ng	99
17) Acenaphthene	14.45	154	6513	0.288	ng	96
18) Fluorene	15.44	166	8348	0.285	ng	99
20) 4,6-Dinitro-2-methylphenol	15.51	198	511	0.313	ng	# 41
21) 4-Bromophenyl-phenylether	16.32	248	2356	0.285	ng	99
22) Hexachlorobenzene	16.43	284	2878	0.302	ng	98
23) Atrazine	16.59	200	1962	0.241	ng	98
24) Pentachlorophenol	16.77	266	1644	0.390	ng	98
25) Phenanthrene	17.18	178	13785	0.314	ng	100
26) Anthracene	17.26	178	12481	0.288	ng	99
28) Fluoranthene	19.19	202	16531	0.310	ng	100
30) Pvrene	19.56	202	17468	0.315	ng	99
32) Benzo(a)anthracene	21.30	228	18815	0.333	ng	98
33) Chrysene	21.35	228	18199	0.338	ng	99
34) Bis(2-ethylhexyl)phthalate	21.25	149	11517	0.277	ng	95
35) Indeno(1,2,3-cd)pyrene	25.85	276	27067	0.412	ng	# 100
37) Benzo(b)fluoranthene	22.90	252	21247	0.298	ng	# 97
38) Benzo(k)fluoranthene	22.95	252	21549	0.304	ng	98
39) Benzo(a)pyrene	23.48	252	19548	0.295	ng	# 96
40) Dibenzo(a,h)anthracene	25.87	278	22877	0.330	ng	98
41) Benzo(g,h,i)perylene	26.54	276	23551	0.350	ng	98

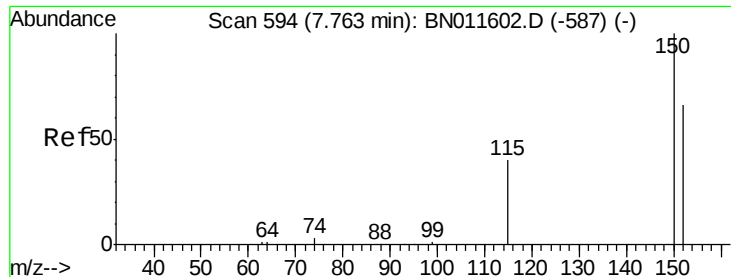
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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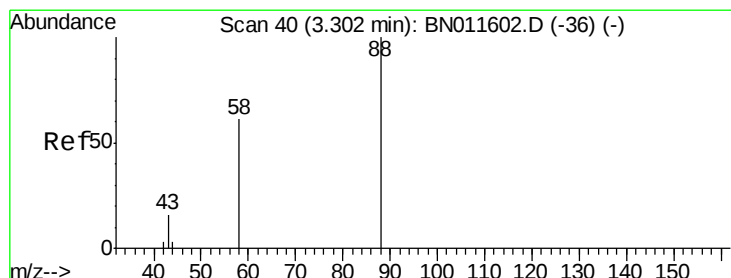
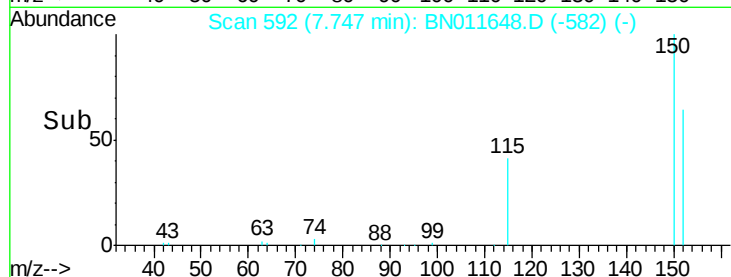
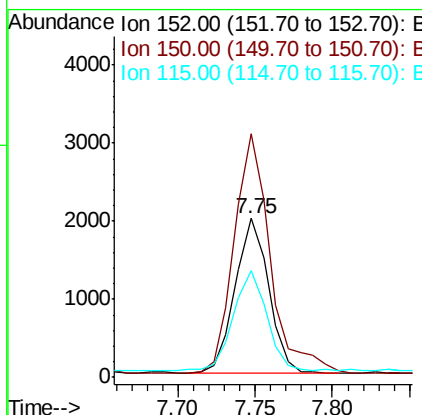
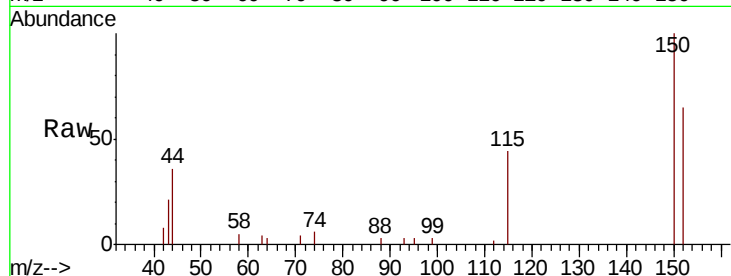


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 592
Delta R.T. -0.02 min
Lab File: BN011648.D
Acq: 26 Aug 2020 16:56

Instrument :
BNA_N
ClientSampleId :
CS-3MSD

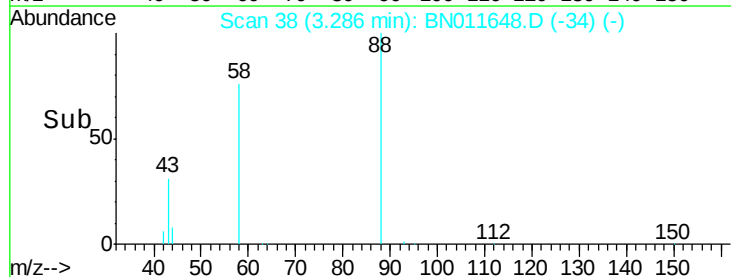
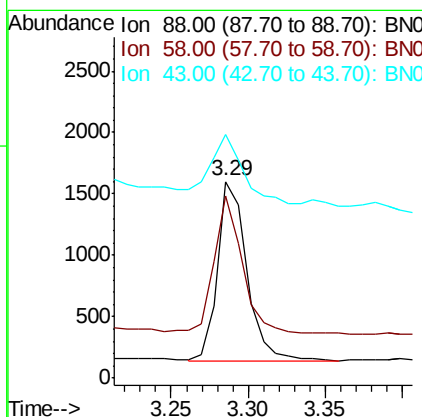
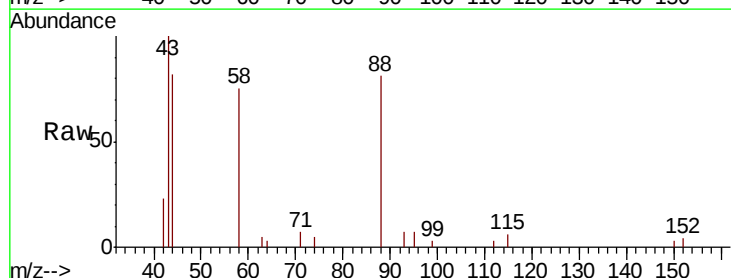
Tot Ion:152 Resp: 2947
Ion Ratio Lower Upper
152 100
150 153.4 112.4 168.6
115 66.8 56.9 85.3

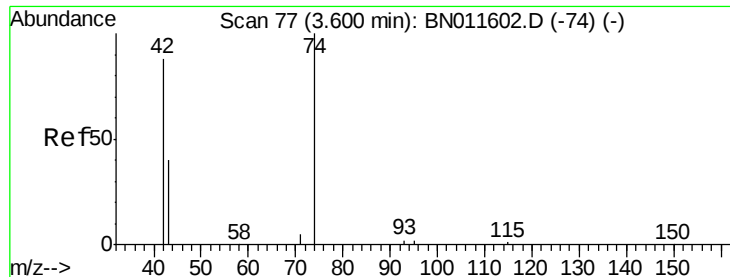


#2

1,4-Dioxane
Concen: 0.421 ng
RT: 3.29 min Scan# 38
Delta R.T. -0.02 min
Lab File: BN011648.D
Acq: 26 Aug 2020 16:56

Tgt Ion: 88 Resp: 1922
Ion Ratio Lower Upper
88 100
58 73.2 3.0 4.4#
43 42.7 0.0 0.0#



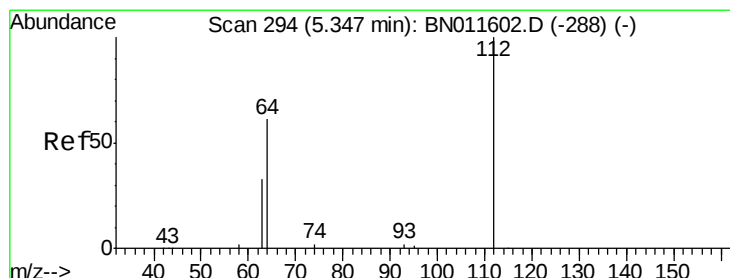
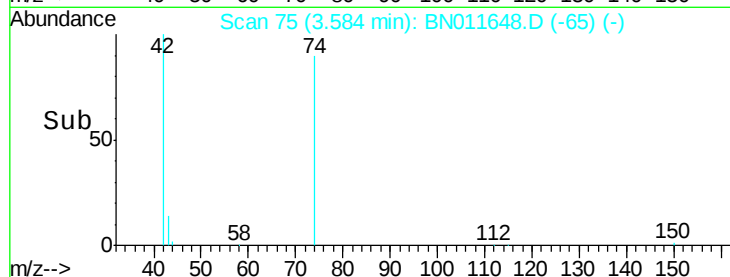
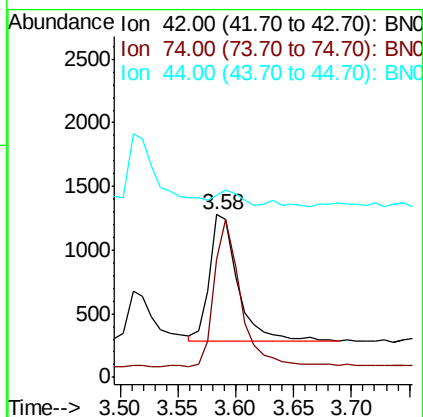
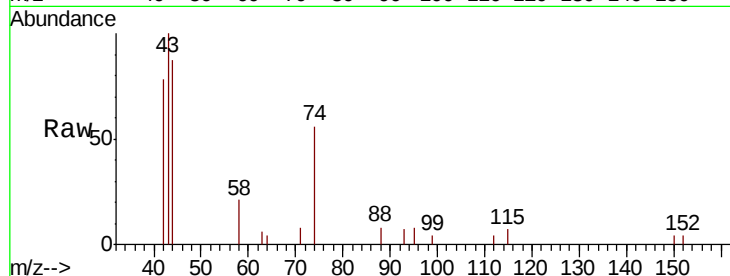


#3

n-Nitrosodimethylamine
 Concen: 0.353 ng
 RT: 3.58 min Scan# 75
 Delta R.T. -0.02 min
 Lab File: BN011648.D
 Acq: 26 Aug 2020 16:56

Instrument :
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 ClientSampleId :
 CS-3MSD

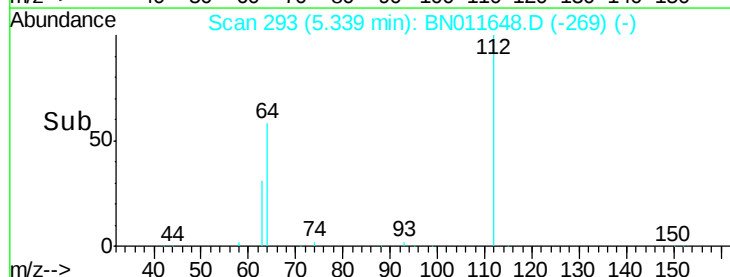
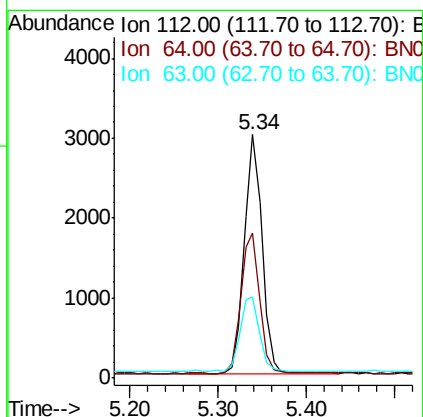
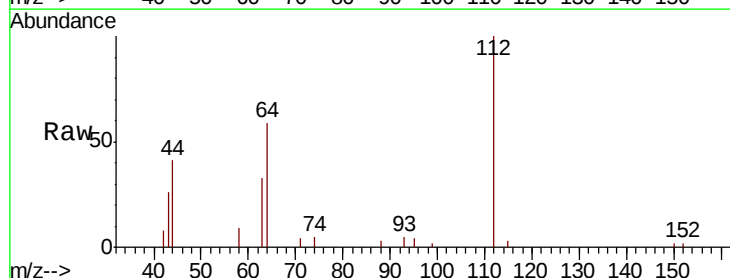
Tot Ion: 42 Resp: 1697
 Ion Ratio Lower Upper
 42 100
 74 109.3 0.0 0.0#
 44 9.2 8.2 12.4

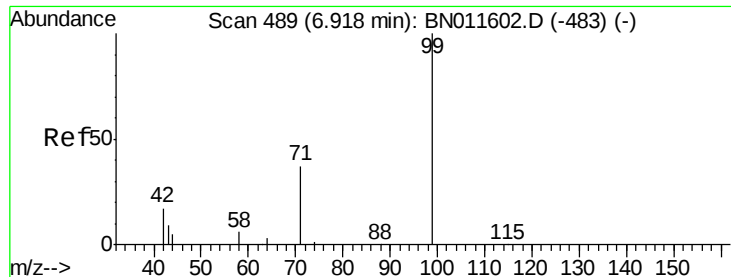


#4

2-Fluorophenol
 Concen: 0.450 ng
 RT: 5.34 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: BN011648.D
 Acq: 26 Aug 2020 16:56

Tgt Ion: 112 Resp: 4238
 Ion Ratio Lower Upper
 112 100
 64 61.3 49.6 74.4
 63 33.1 26.4 39.6





#5

Phenol-d6

Concen: 0.413 ng

RT: 6.91 min Scan# 488

Delta R.T. -0.01 min

Lab File: BN011648.D

Acq: 26 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

CS-3MSD

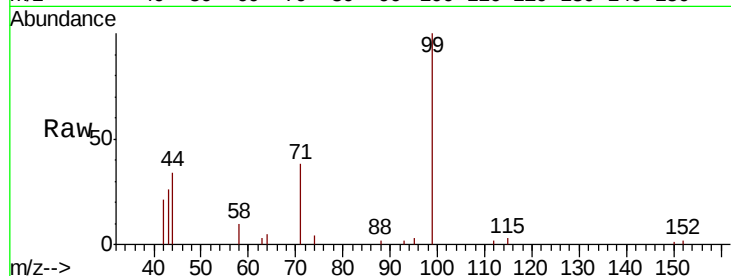
Tot Ion: 99 Resp: 5502

Ion Ratio Lower Upper

99 100

42 22.7 0.0 0.0#

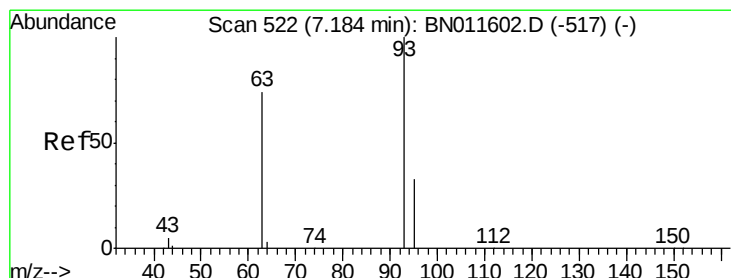
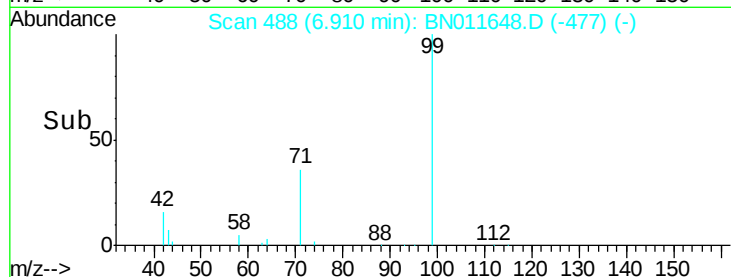
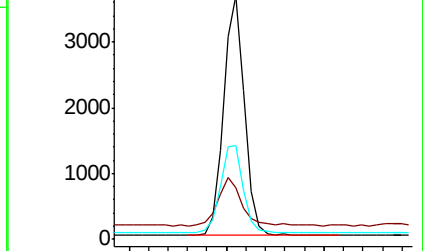
71 39.3 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BN011648.D (-477) (-)

Ion 42.00 (41.70 to 42.70): BN011648.D (-477) (-)

Ion 71.00 (70.70 to 71.70): BN011648.D (-477) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.324 ng

RT: 7.17 min Scan# 520

Delta R.T. -0.02 min

Lab File: BN011648.D

Acq: 26 Aug 2020 16:56

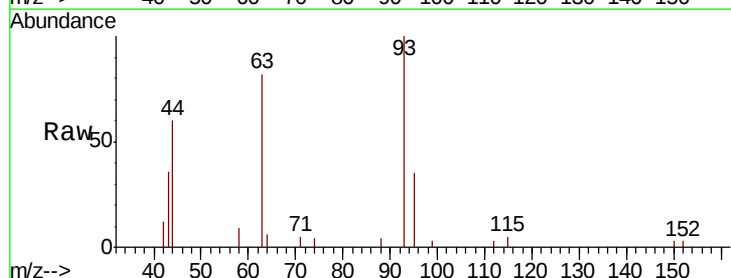
Tgt Ion: 93 Resp: 3064

Ion Ratio Lower Upper

93 100

63 74.7 57.8 86.8

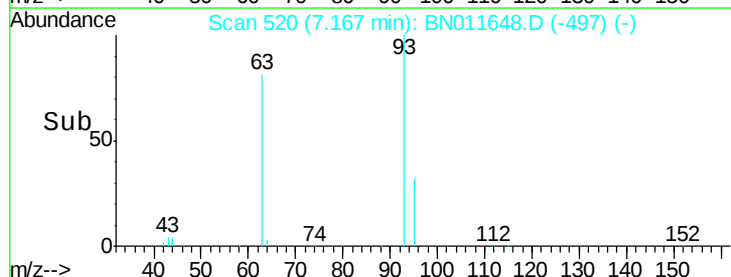
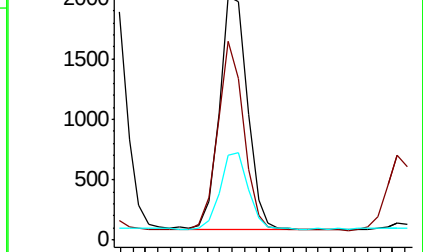
95 32.8 28.3 42.5

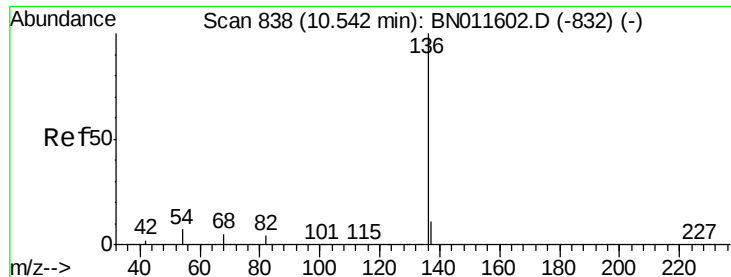


Abundance Ion 93.00 (92.70 to 93.70): BN011648.D (-497) (-)

Ion 63.00 (62.70 to 63.70): BN011648.D (-497) (-)

Ion 95.00 (94.70 to 95.70): BN011648.D (-497) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN011648.D

Acq: 26 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

CS-3MSD

Tot Ion:136 Resp: 11604

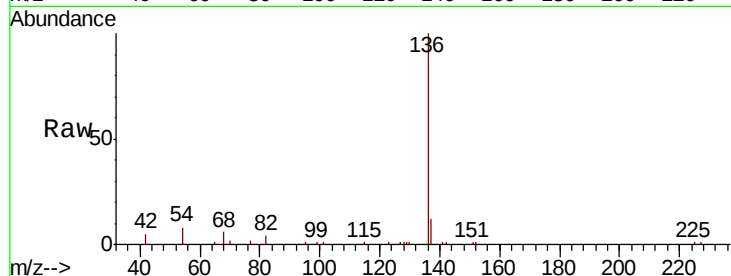
Ion Ratio Lower Upper

136 100

137 11.8 11.5 17.3

54 7.9 11.9 17.9#

68 5.9 12.3 18.5#

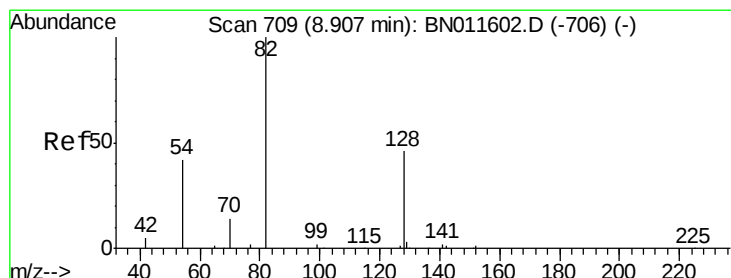
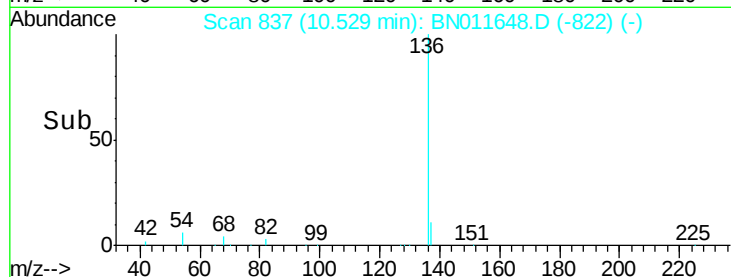
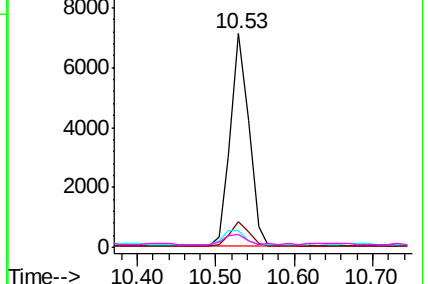


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.595 ng

RT: 8.88 min Scan# 707

Delta R.T. -0.03 min

Lab File: BN011648.D

Acq: 26 Aug 2020 16:56

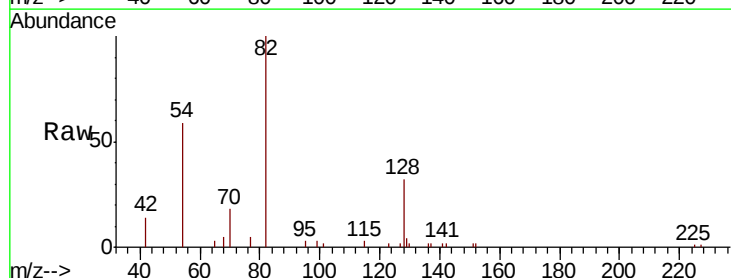
Tgt Ion: 82 Resp: 5979

Ion Ratio Lower Upper

82 100

128 32.4 31.1 46.7

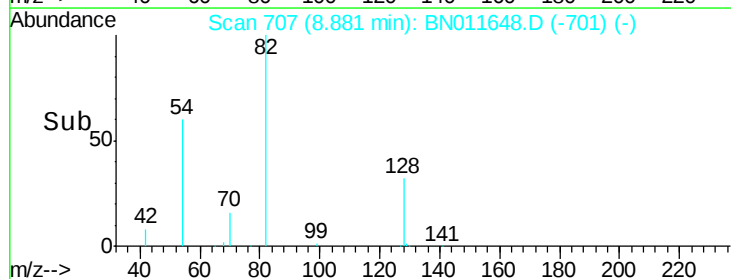
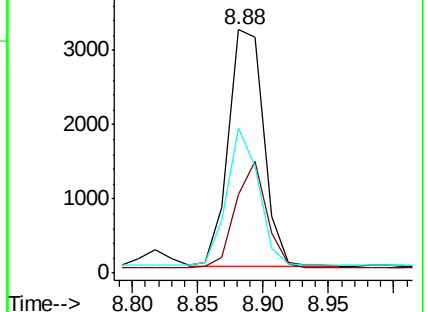
54 59.5 37.1 55.7#

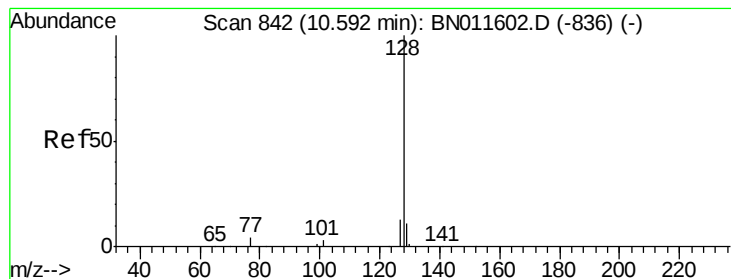


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.314 ng

RT: 10.58 min Scan# 841

Delta R.T. -0.01 min

Lab File: BN011648.D

Acq: 26 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

CS-3MSD

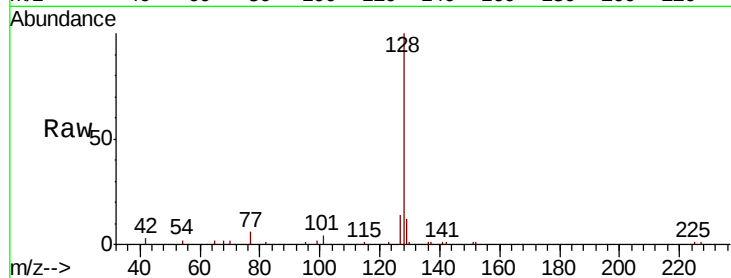
Tot Ion:128 Resp: 10348

Ion Ratio Lower Upper

128 100

129 11.7 11.0 16.4

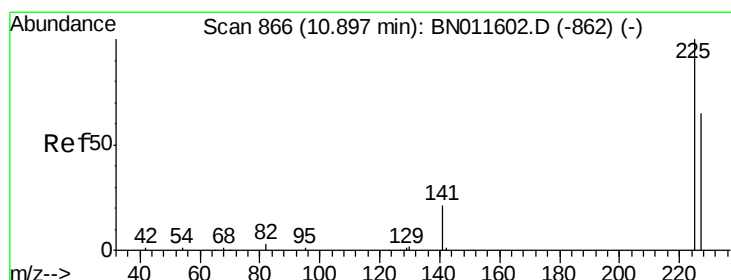
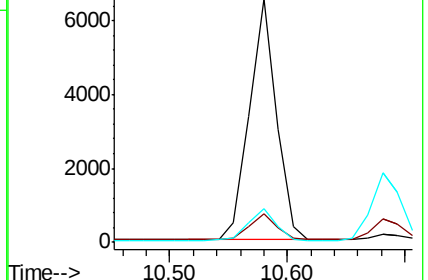
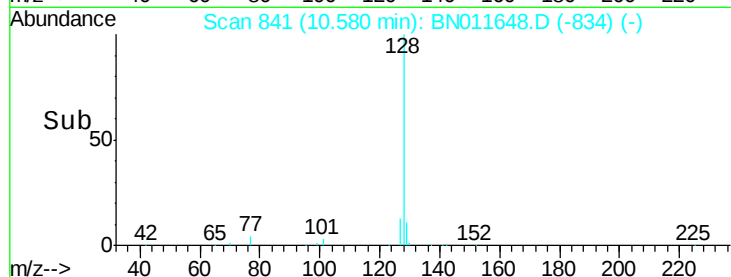
127 13.7 13.5 20.3



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: 0.295 ng

RT: 10.87 min Scan# 864

Delta R.T. -0.03 min

Lab File: BN011648.D

Acq: 26 Aug 2020 16:56

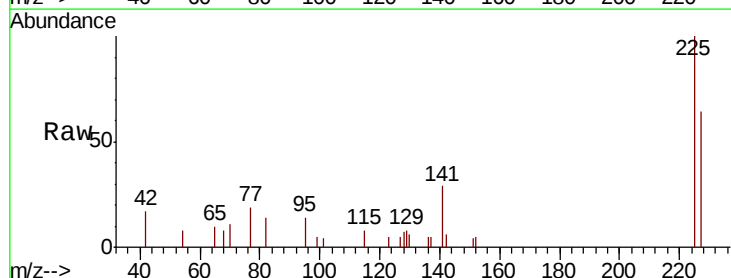
Tgt Ion:225 Resp: 2041

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

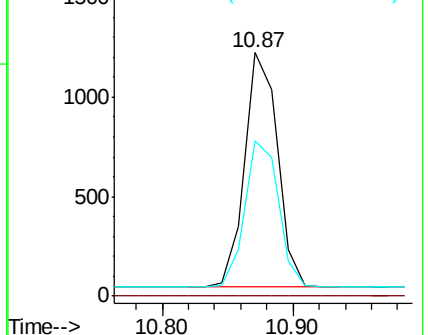
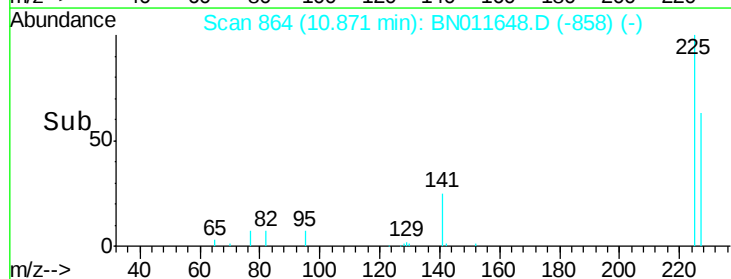
227 64.3 50.2 75.2

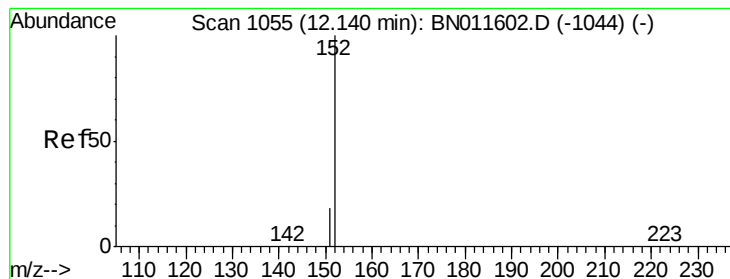


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.321 ng

RT: 12.13 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BN011648.D

Acq: 26 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

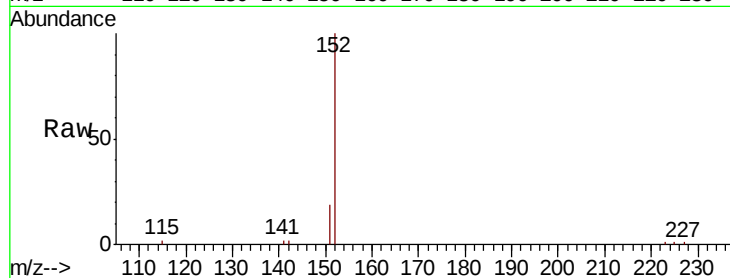
CS-3MSD

Tot Ion:152 Resp: 7052

Ion Ratio Lower Upper

152 100

151 17.9 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

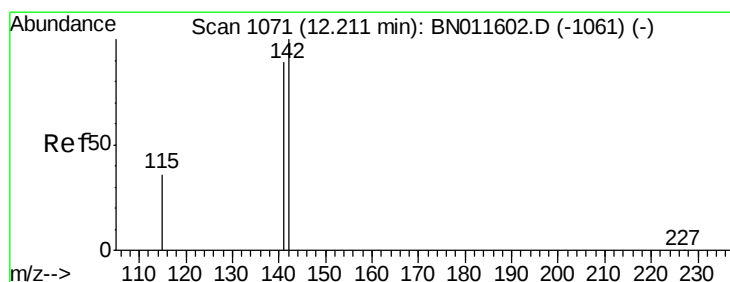
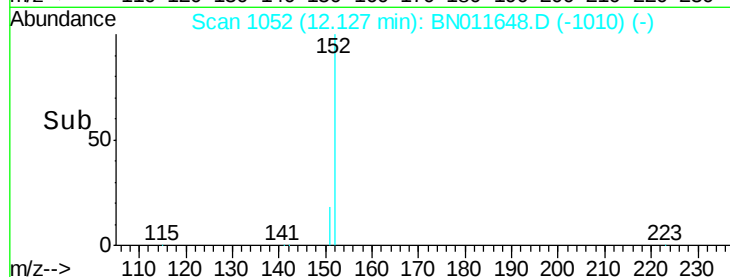
0

Time-->

12.00

12.10

12.20



#12

2-Methylnaphthalene

Concen: 0.298 ng

RT: 12.20 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BN011648.D

Acq: 26 Aug 2020 16:56

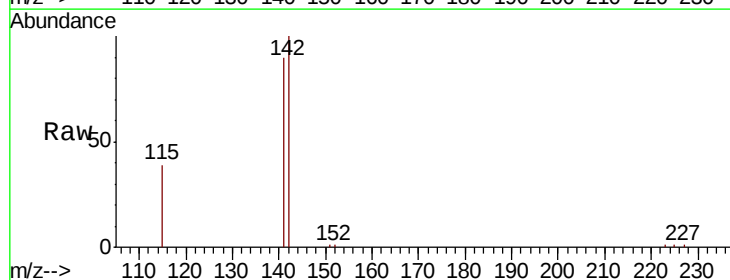
Tgt Ion:142 Resp: 7253

Ion Ratio Lower Upper

142 100

141 89.8 72.7 109.1

115 38.6 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

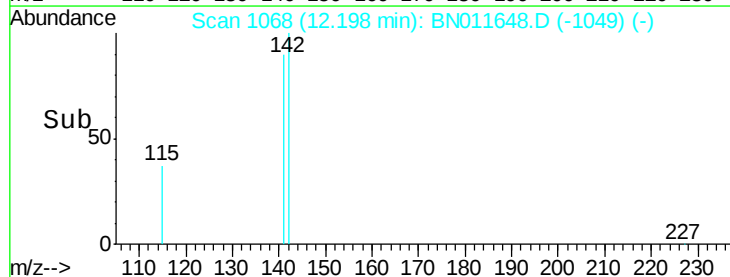
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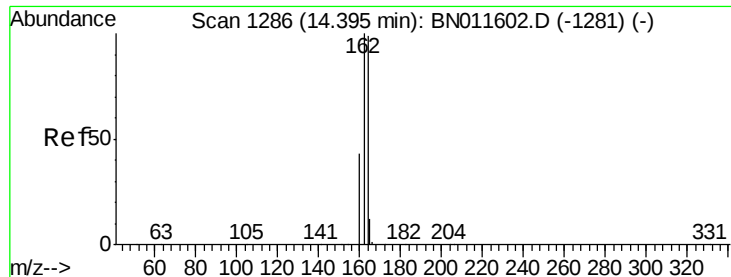
Time-->

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: BN011648.D

Acq: 26 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

CS-3MSD

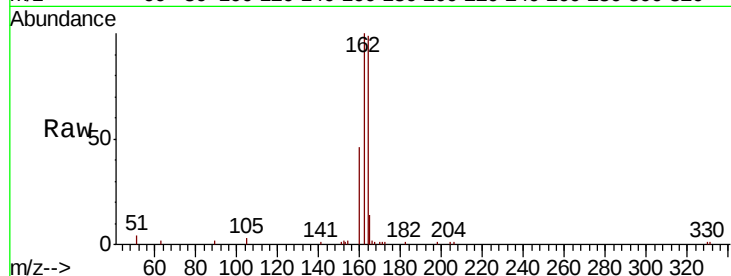
Tot Ion:164 Resp: 6776

Ion Ratio Lower Upper

164 100

162 100.7 80.8 121.2

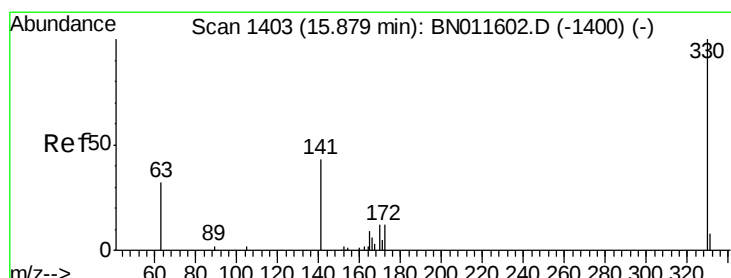
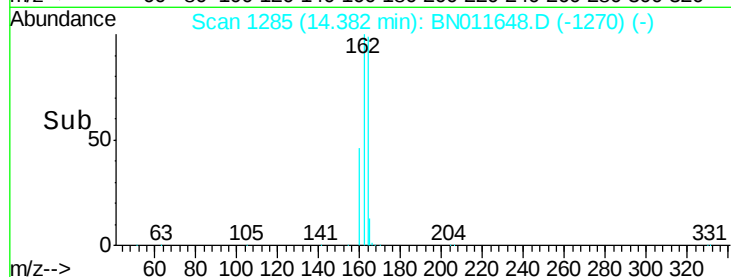
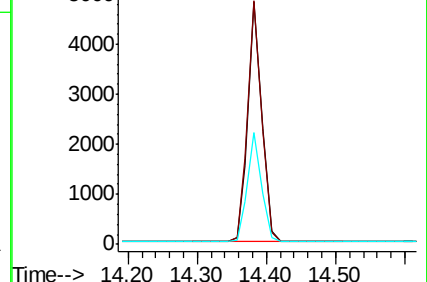
160 46.4 35.6 53.4



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: 0.359 ng

RT: 15.88 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN011648.D

Acq: 26 Aug 2020 16:56

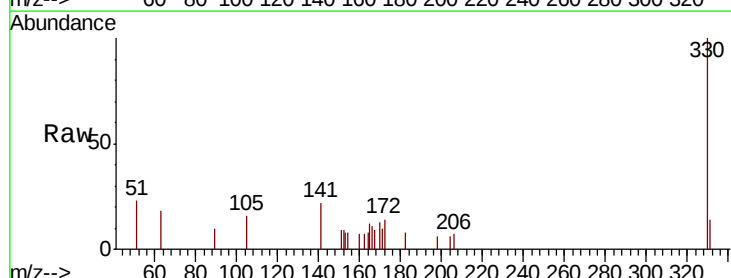
Tgt Ion:330 Resp: 1335

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

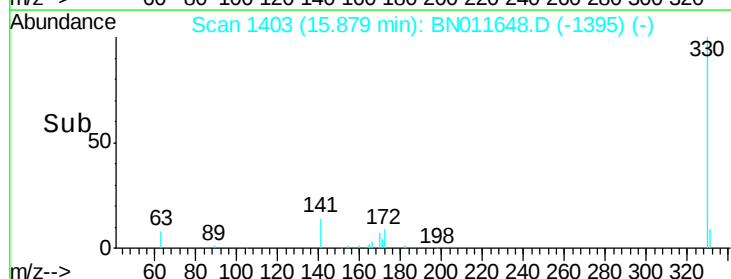
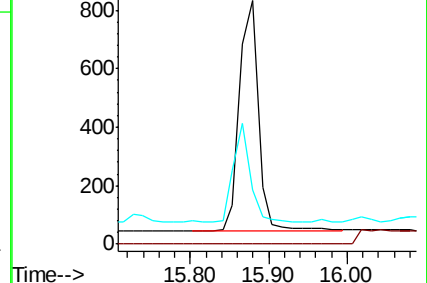
141 38.0 29.4 44.2

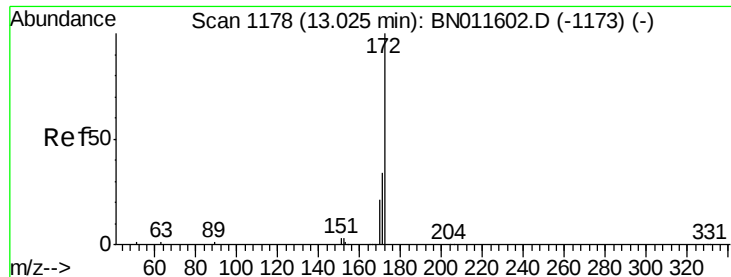


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

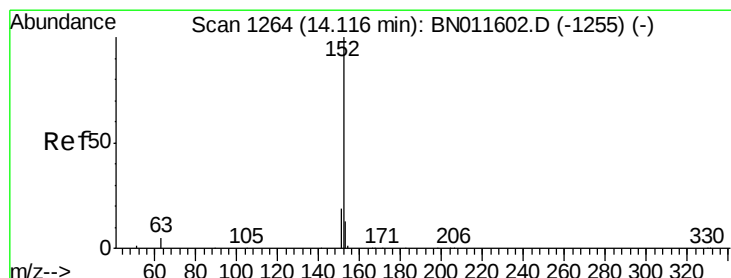
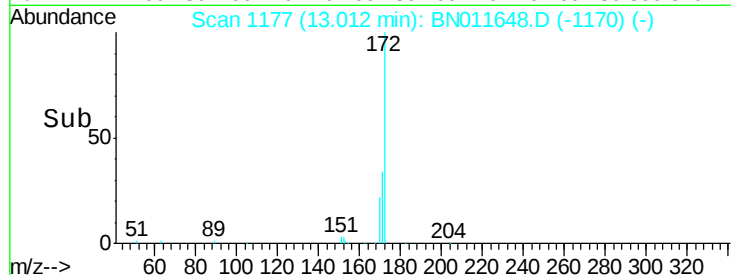
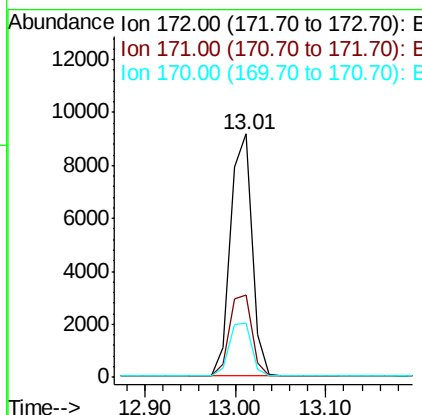
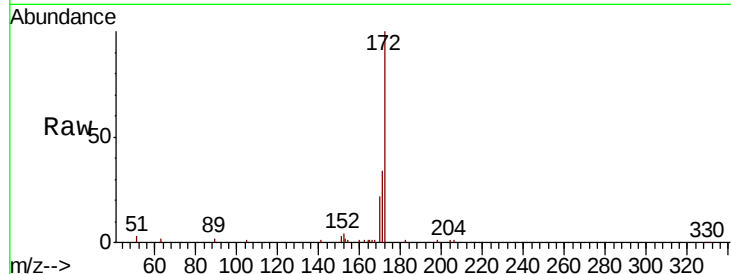




#15
2-Fluorobiphenyl
Concen: 0.573 ng
RT: 13.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN011648.D
Acq: 26 Aug 2020 16:56

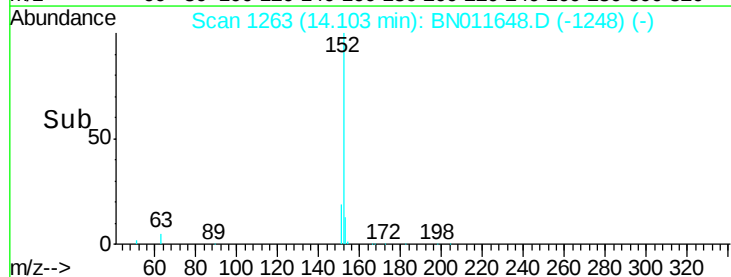
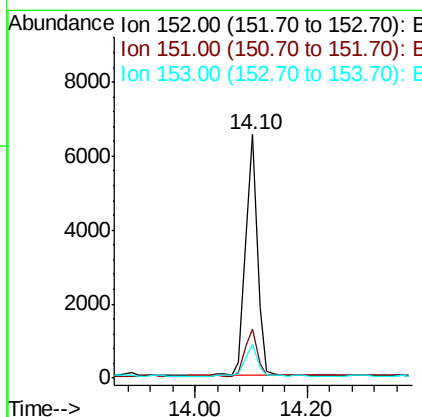
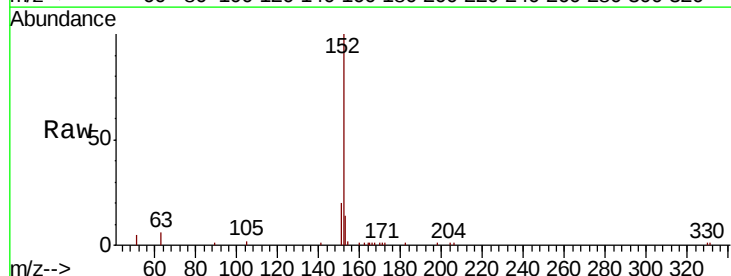
Instrument :
BNA_N
ClientSampleId :
CS-3MSD

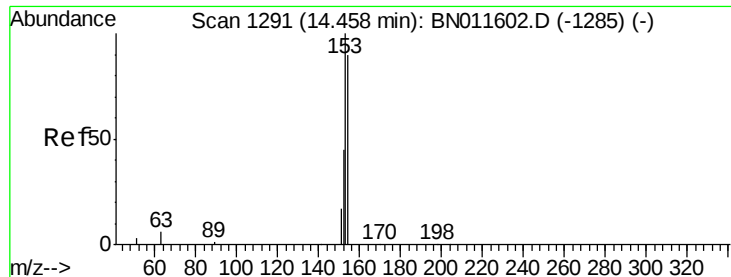
Tot Ion:172 Resp: 15107
Ion Ratio Lower Upper
172 100
171 34.0 28.6 42.8
170 22.3 18.2 27.2



#16
Acenaphthylene
Concen: 0.275 ng
RT: 14.10 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BN011648.D
Acq: 26 Aug 2020 16:56

Tgt Ion:152 Resp: 9820
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.1 11.0 16.4





#17

Acenaphthene

Concen: 0.288 ng

RT: 14.45 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BN011648.D

Acq: 26 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

CS-3MSD

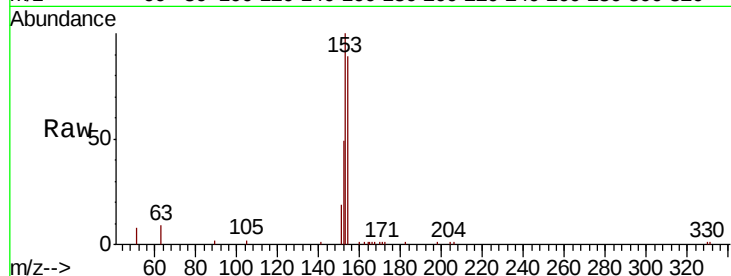
Tot Ion:154 Resp: 6513

Ion Ratio Lower Upper

154 100

153 111.9 86.6 130.0

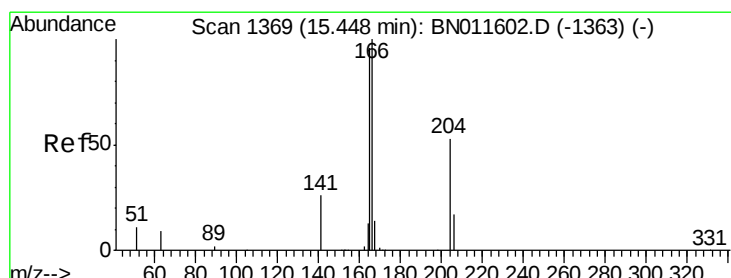
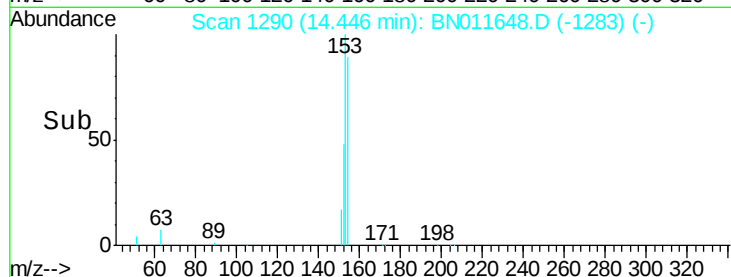
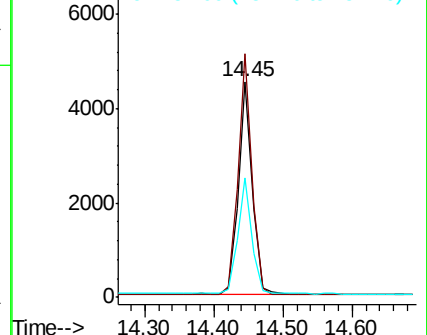
152 54.1 40.1 60.1



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: 0.285 ng

RT: 15.44 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BN011648.D

Acq: 26 Aug 2020 16:56

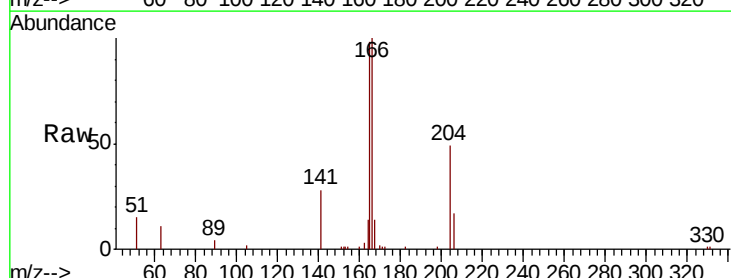
Tgt Ion:166 Resp: 8348

Ion Ratio Lower Upper

166 100

165 97.2 77.4 116.2

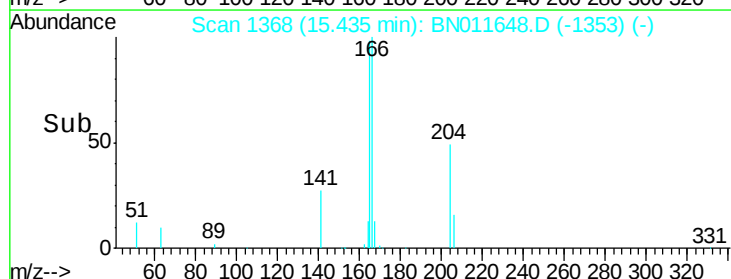
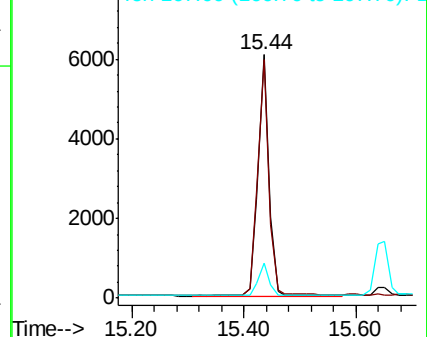
167 13.4 11.5 17.3

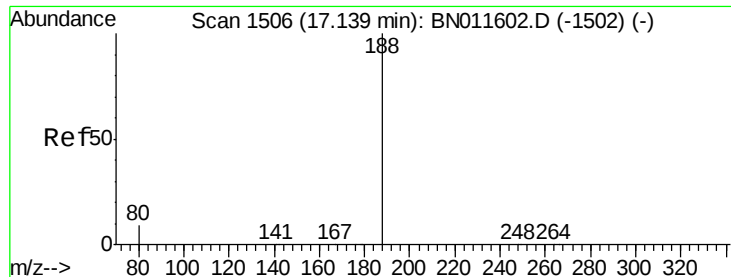


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN011648.D

Acq: 26 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

CS-3MSD

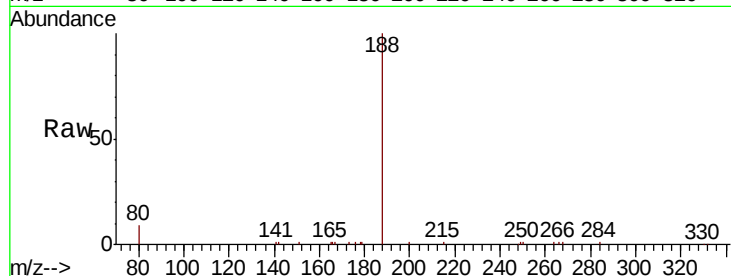
Tot Ion:188 Resp: 14152

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

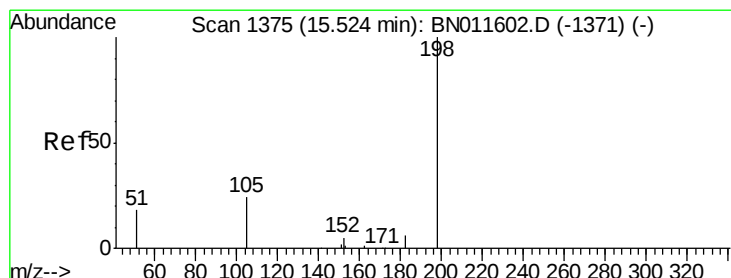
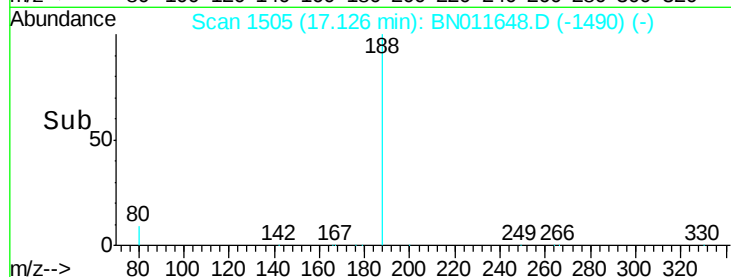
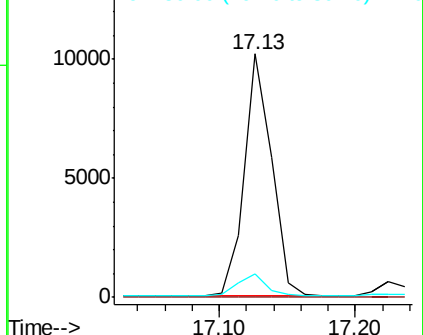
80 9.5 9.2 13.8



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: 0.313 ng

RT: 15.51 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BN011648.D

Acq: 26 Aug 2020 16:56

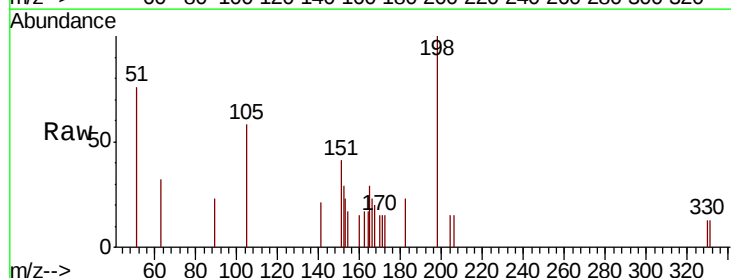
Tgt Ion:198 Resp: 511

Ion Ratio Lower Upper

198 100

51 75.6 99.6 149.4#

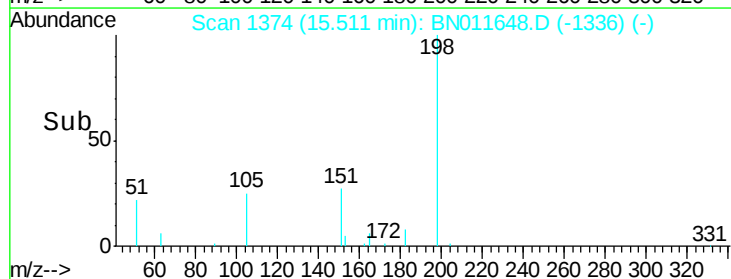
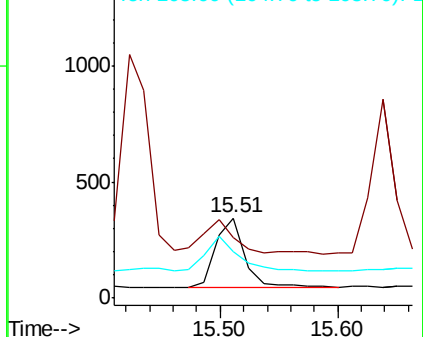
105 57.6 118.8 178.2#

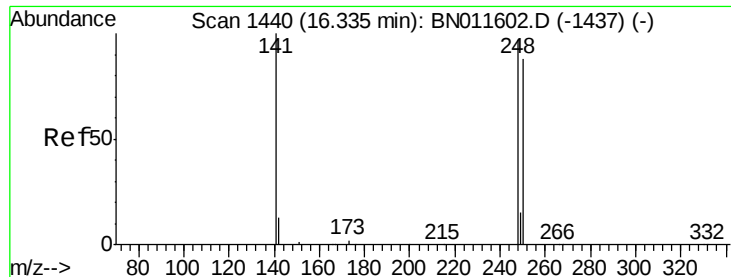


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

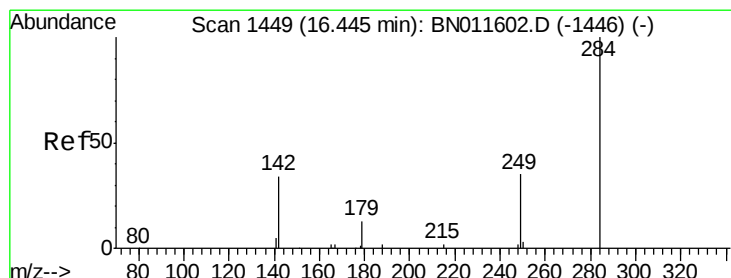
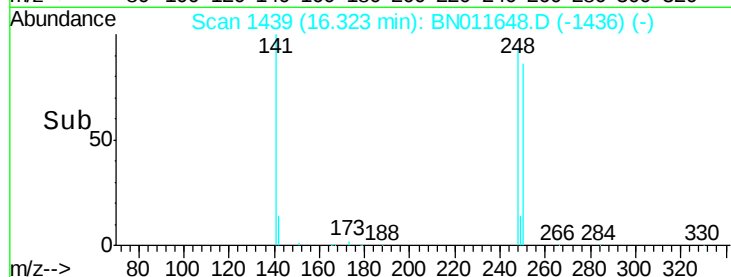
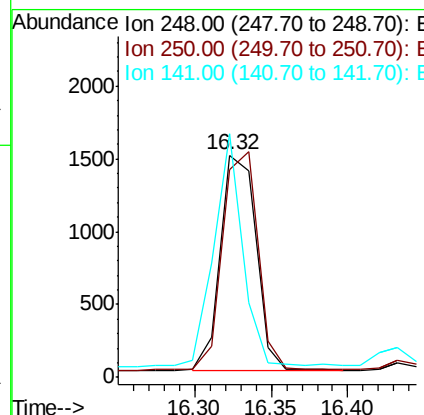
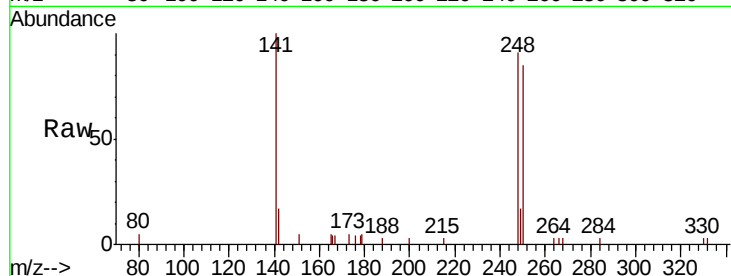




#21
4-Bromophenyl-phenylether
Concen: 0.285 ng
RT: 16.32 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BN011648.D
Acq: 26 Aug 2020 16:56

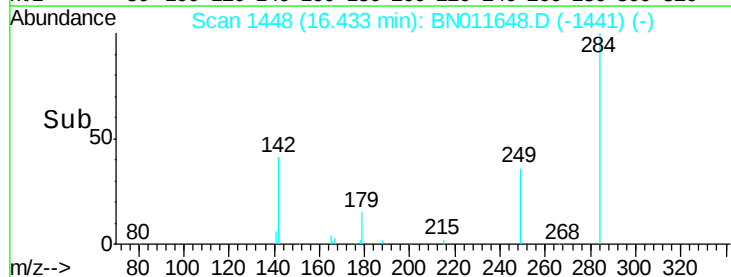
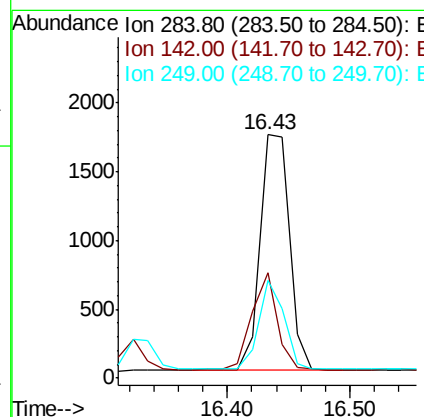
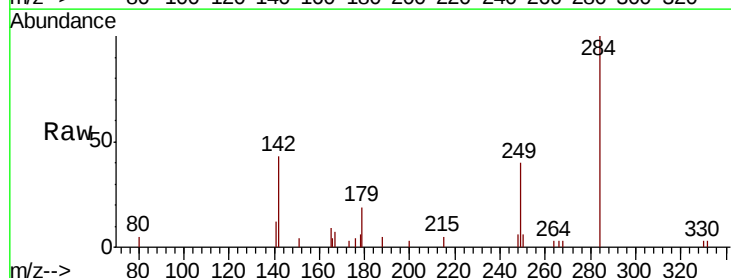
Instrument :
BNA_N
ClientSampleId :
CS-3MSD

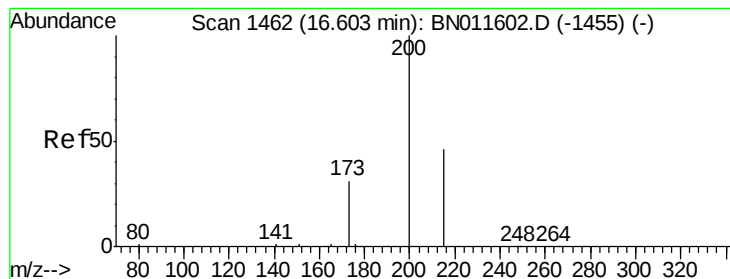
Tot Ion:248 Resp: 2356
Ion Ratio Lower Upper
248 100
250 93.5 73.4 110.2
141 109.6 88.5 132.7



#22
Hexachlorobenzene
Concen: 0.302 ng
RT: 16.43 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BN011648.D
Acq: 26 Aug 2020 16:56

Tgt Ion:284 Resp: 2878
Ion Ratio Lower Upper
284 100
142 35.3 27.3 40.9
249 32.9 25.2 37.8





#23

Atrazine

Concen: 0.241 ng

RT: 16.59 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BN011648.D

Acq: 26 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

CS-3MSD

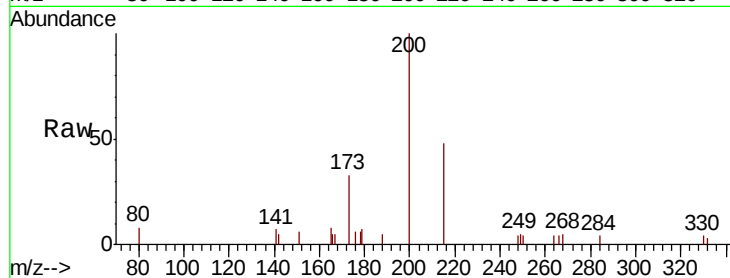
Tot Ion:200 Resp: 1962

Ion Ratio Lower Upper

200 100

173 33.5 28.2 42.4

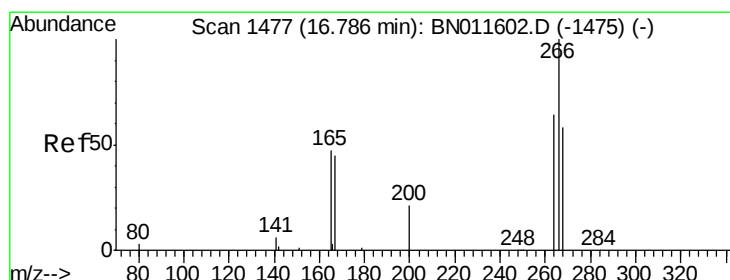
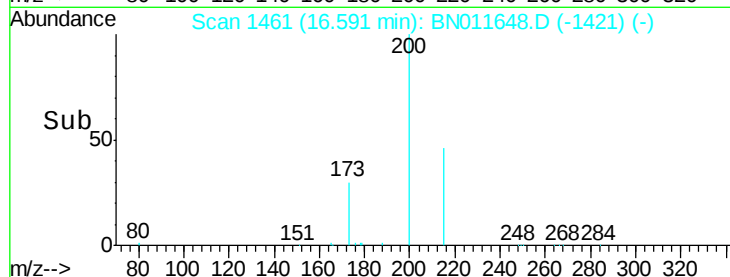
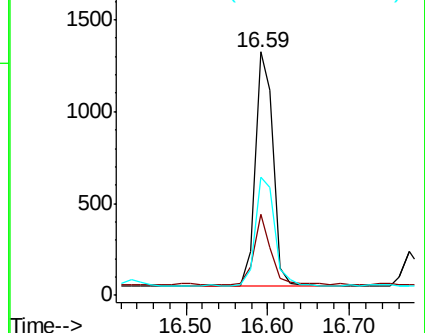
215 48.4 39.8 59.6



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: 0.390 ng

RT: 16.77 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BN011648.D

Acq: 26 Aug 2020 16:56

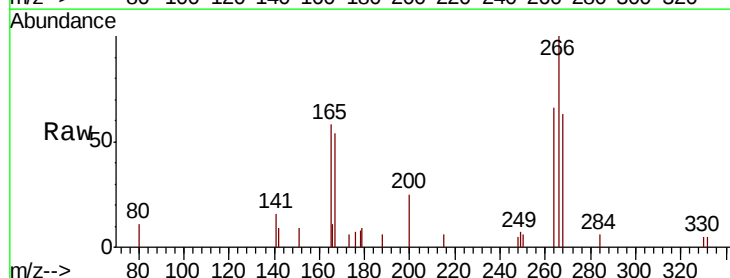
Tgt Ion:266 Resp: 1644

Ion Ratio Lower Upper

266 100

264 60.4 48.1 72.1

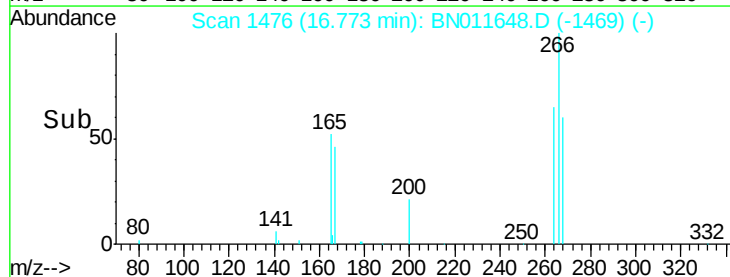
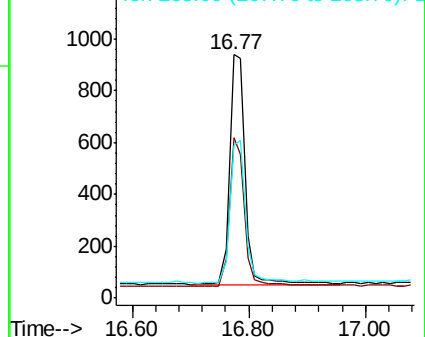
268 62.7 48.4 72.6

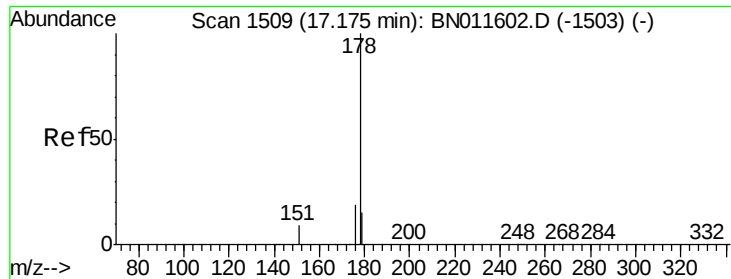


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.314 ng

RT: 17.18 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN011648.D

Acq: 26 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

CS-3MSD

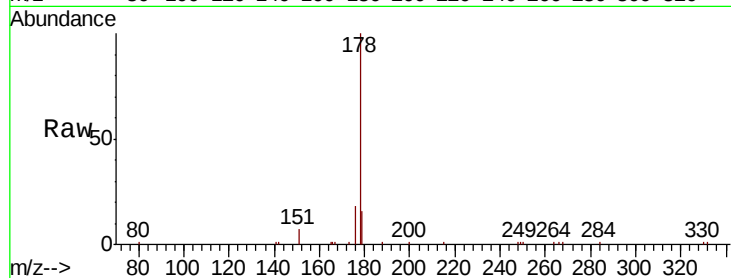
Tot Ion:178 Resp: 13785

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

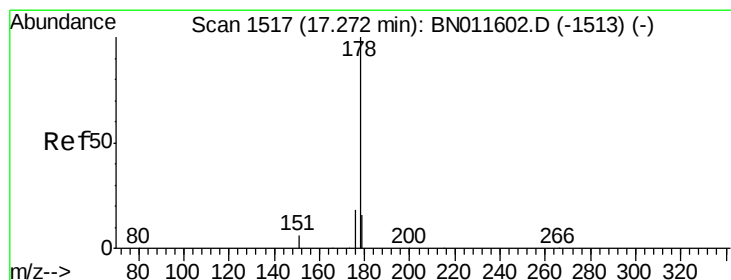
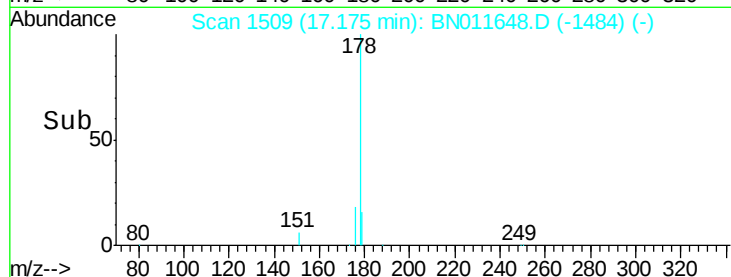
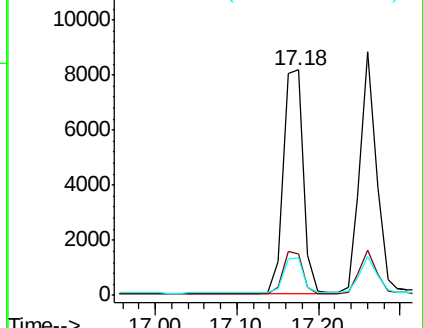
179 15.6 12.6 18.8



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: 0.288 ng

RT: 17.26 min Scan# 1516

Delta R.T. -0.01 min

Lab File: BN011648.D

Acq: 26 Aug 2020 16:56

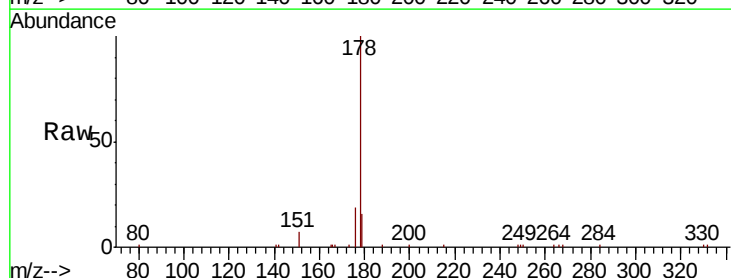
Tgt Ion:178 Resp: 12481

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

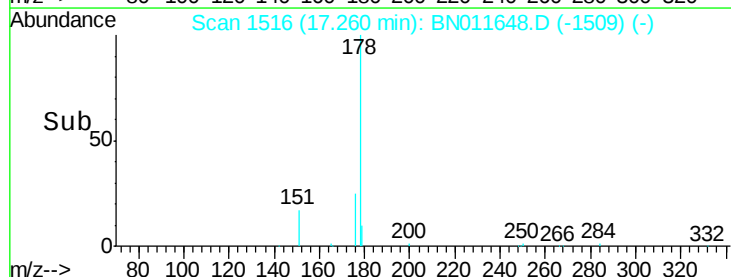
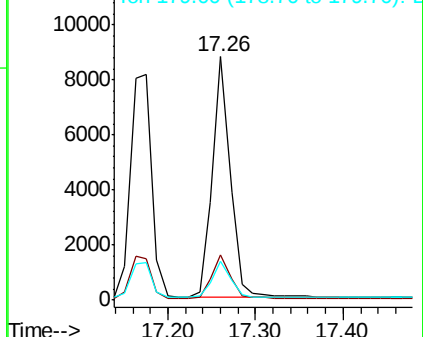
179 15.2 12.5 18.7

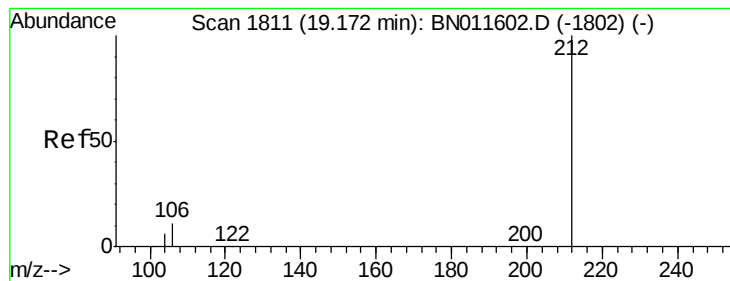


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 0.316 ng

RT: 19.16 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BN011648.D

Acq: 26 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

CS-3MSD

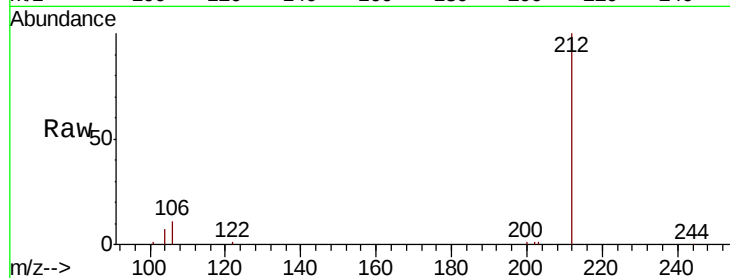
Tot Ion:212 Resp: 14558

Ion Ratio Lower Upper

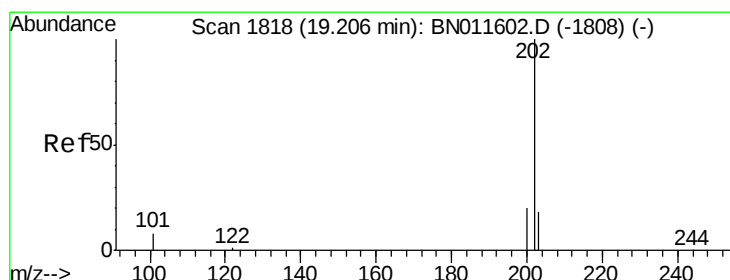
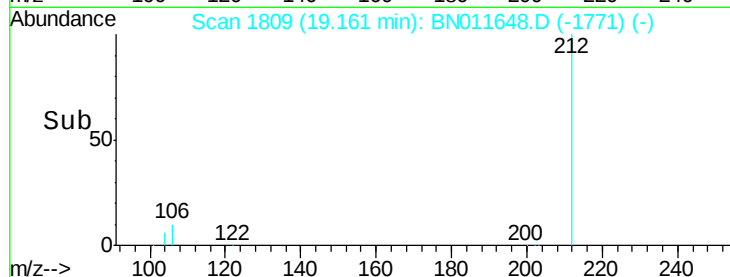
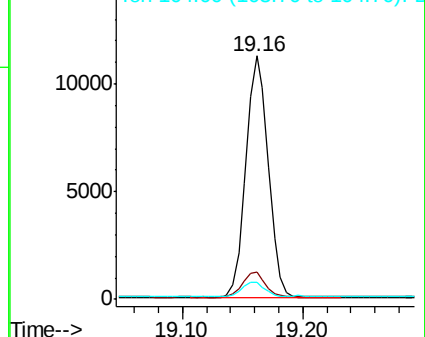
212 100

106 10.4 8.9 13.3

104 6.1 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: 0.310 ng

RT: 19.19 min Scan# 1815

Delta R.T. -0.02 min

Lab File: BN011648.D

Acq: 26 Aug 2020 16:56

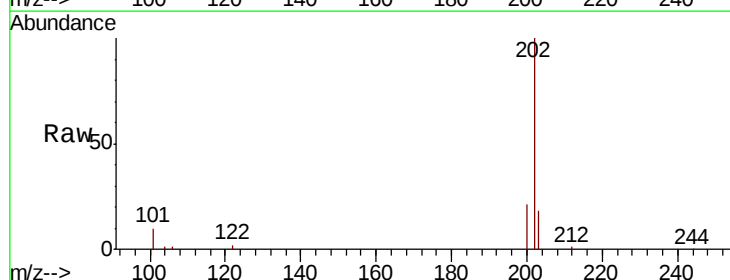
Tgt Ion:202 Resp: 16531

Ion Ratio Lower Upper

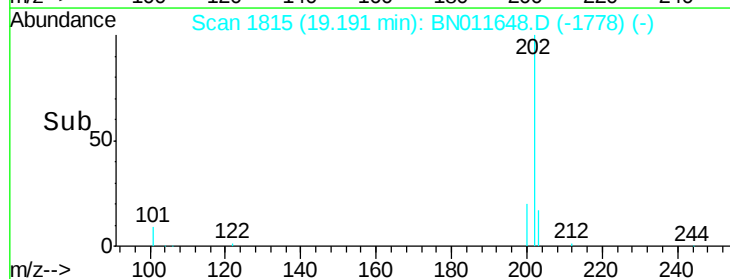
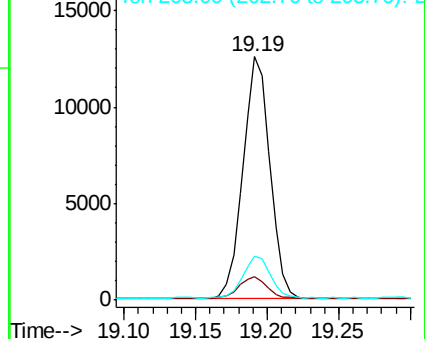
202 100

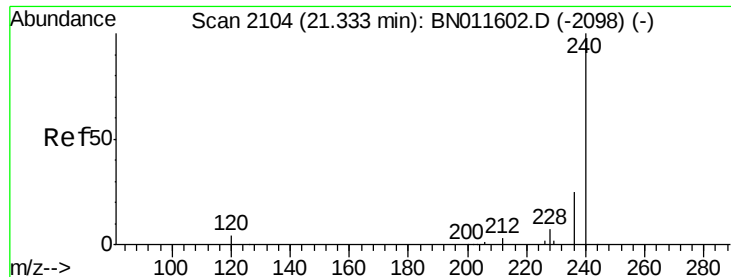
101 9.6 7.7 11.5

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: BN011648.D

Acq: 26 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

CS-3MSD

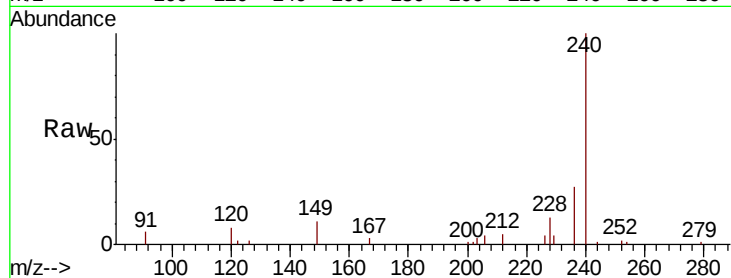
Tot Ion:240 Resp: 15644

Ion Ratio Lower Upper

240 100

120 8.4 6.0 9.0

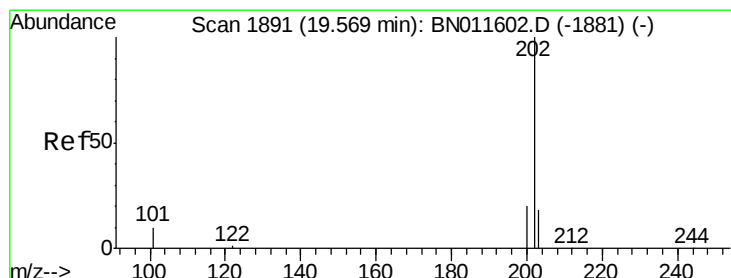
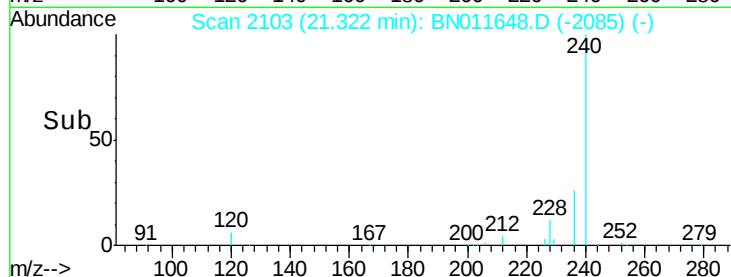
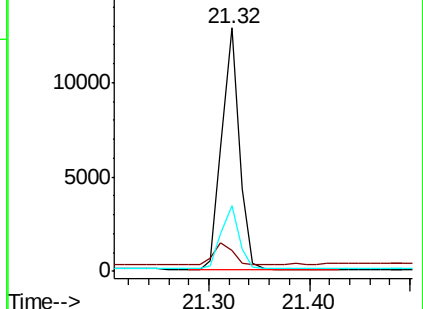
236 27.0 20.8 31.2



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: 0.315 ng

RT: 19.56 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BN011648.D

Acq: 26 Aug 2020 16:56

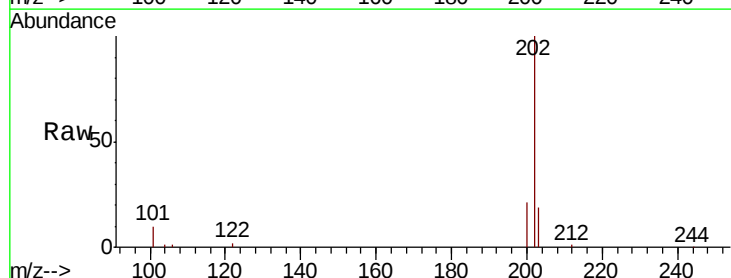
Tgt Ion:202 Resp: 17468

Ion Ratio Lower Upper

202 100

200 20.5 16.3 24.5

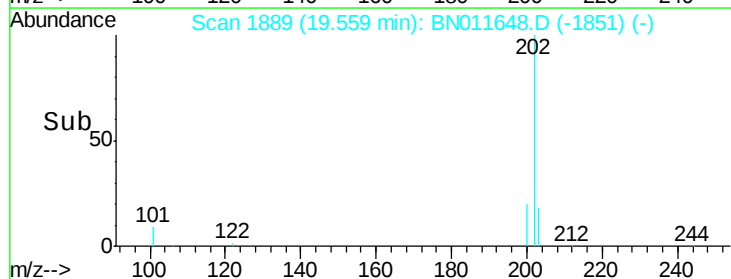
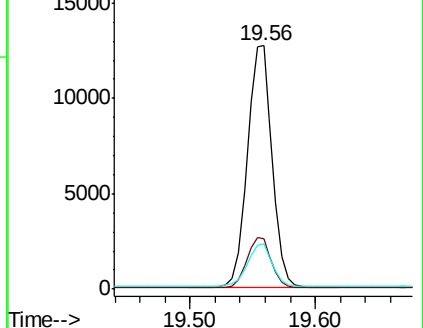
203 18.3 14.2 21.4

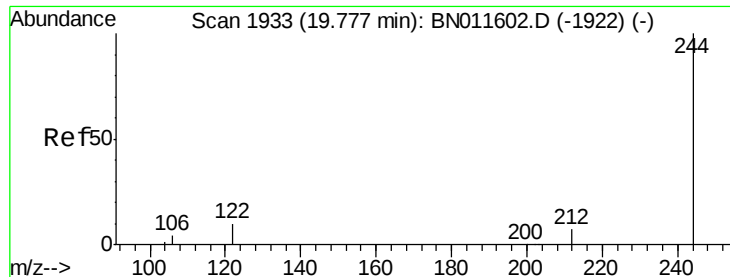


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.587 ng

RT: 19.77 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BN011648.D

Acq: 26 Aug 2020 16:56

Instrument :

BNA_N

ClientSampled :

CS-3MSD

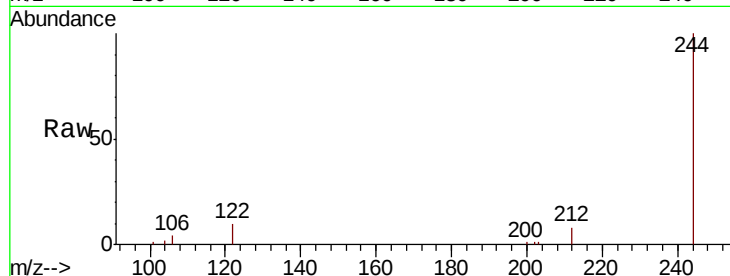
Tot Ion:244 Resp: 23467

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 10.1 9.5 14.3



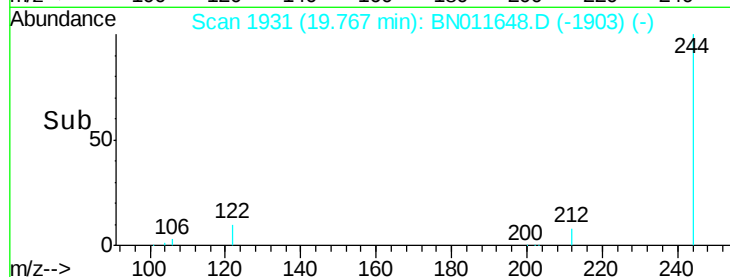
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

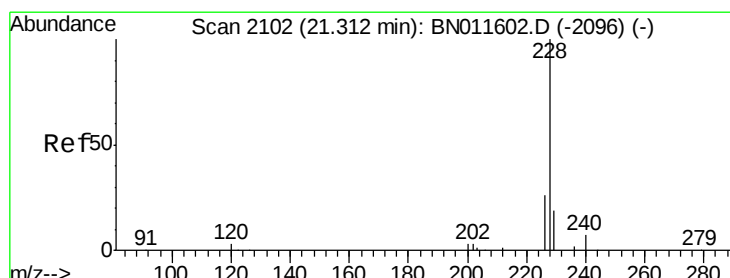
Ion 122.00 (121.70 to 122.70): E

19.77

Time-->



Time-->



#32

Benzo(a)anthracene

Concen: 0.333 ng

RT: 21.30 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BN011648.D

Acq: 26 Aug 2020 16:56

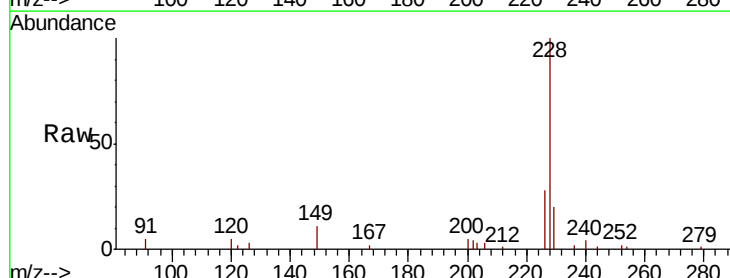
Tgt Ion:228 Resp: 18815

Ion Ratio Lower Upper

228 100

226 27.7 21.2 31.8

229 20.3 15.8 23.8



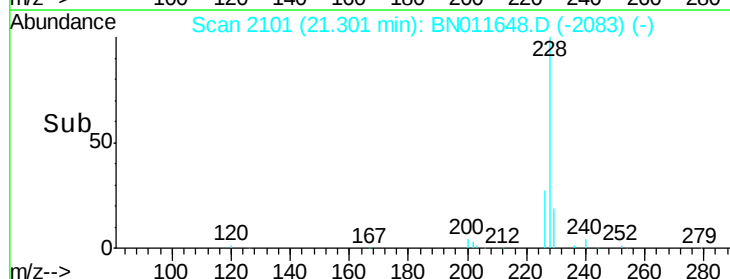
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

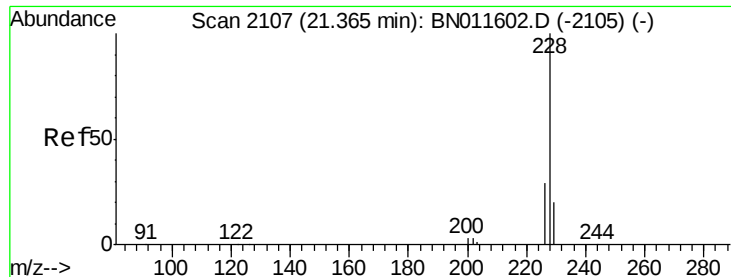
Ion 229.00 (228.70 to 229.70): E

21.30

Time-->



Time-->



#33

Chrysene

Concen: 0.338 ng

RT: 21.35 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BN011648.D

Acq: 26 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

CS-3MSD

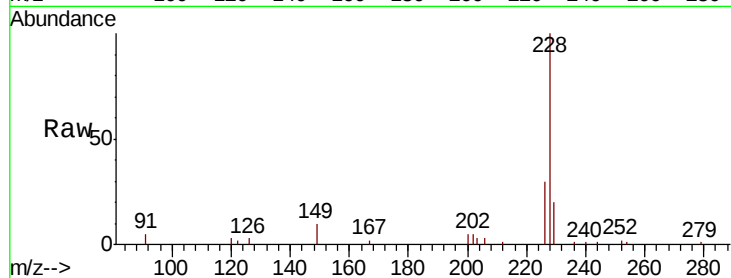
Tot Ion:228 Resp: 18199

Ion Ratio Lower Upper

228 100

226 29.9 23.6 35.4

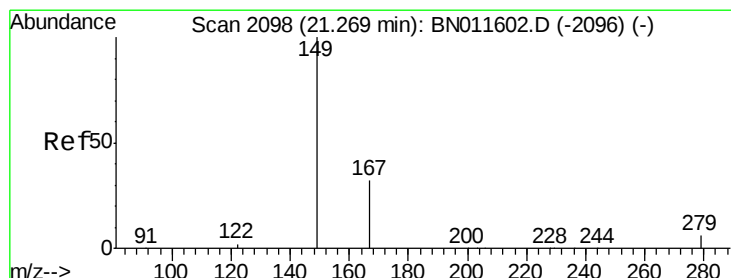
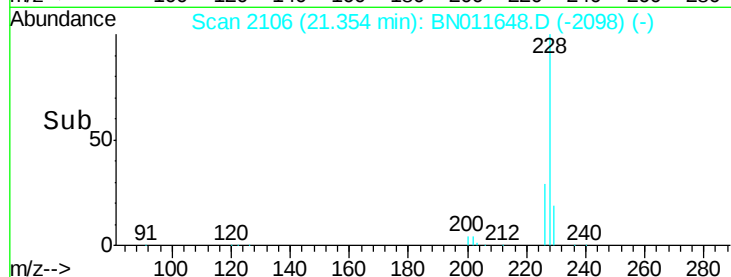
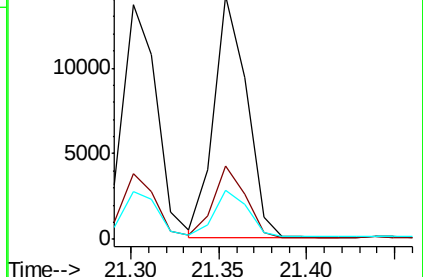
229 20.3 16.0 24.0



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: 0.277 ng

RT: 21.25 min Scan# 2096

Delta R.T. -0.02 min

Lab File: BN011648.D

Acq: 26 Aug 2020 16:56

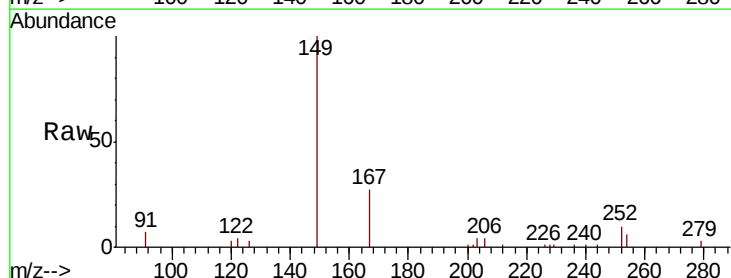
Tgt Ion:149 Resp: 11517

Ion Ratio Lower Upper

149 100

167 28.6 20.6 31.0

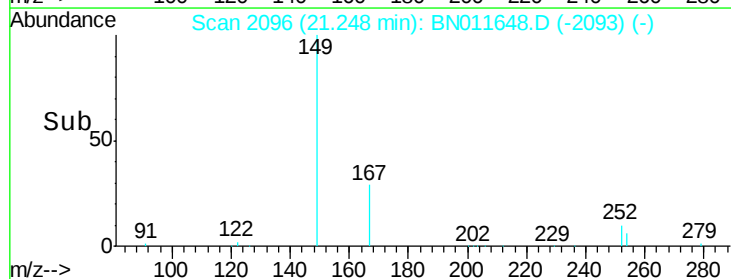
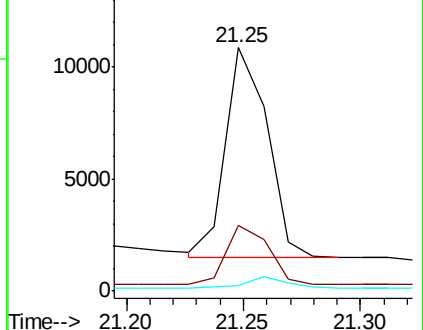
279 4.9 3.8 5.8

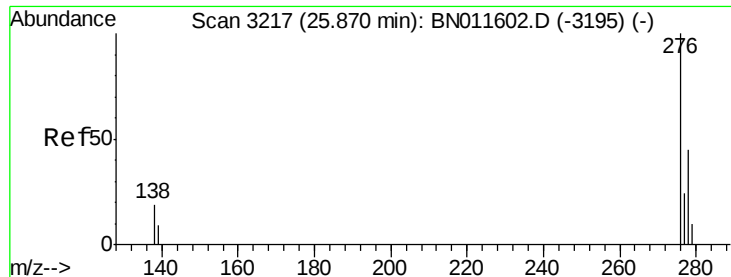


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

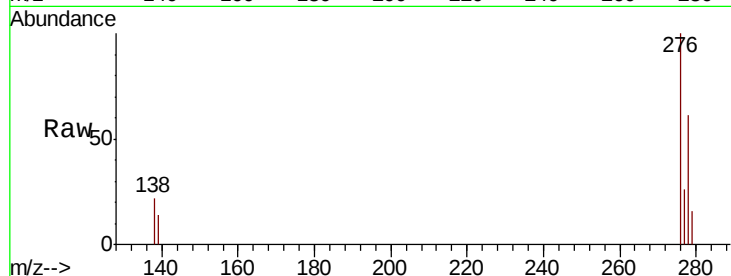




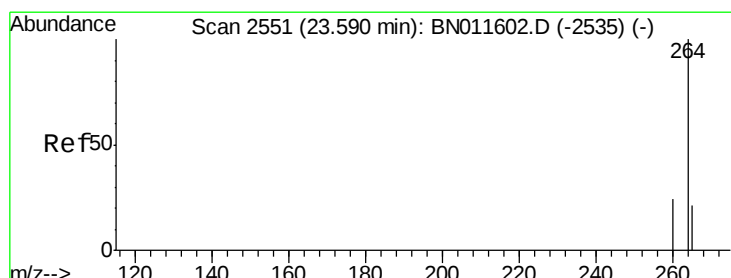
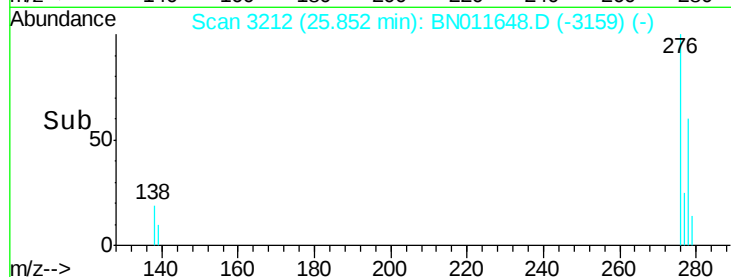
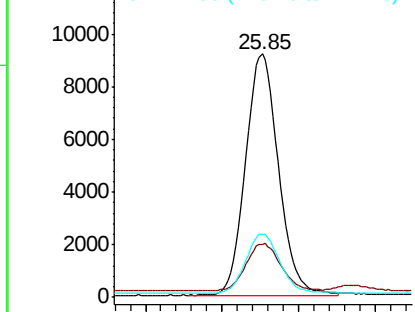
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.412 ng
 RT: 25.85 min Scan# 3212
 Delta R.T. -0.02 min
 Lab File: BN011648.D
 Acq: 26 Aug 2020 16:56

Instrument :
 BNA_N
 ClientSampleId :
 CS-3MSD

Tot Ion:276 Resp: 27067
 Ion Ratio Lower Upper
 276 100
 138 20.7 0.0 0.0#
 277 25.4 0.0 0.0#

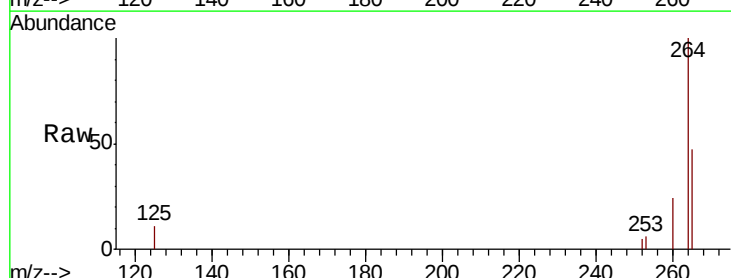


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

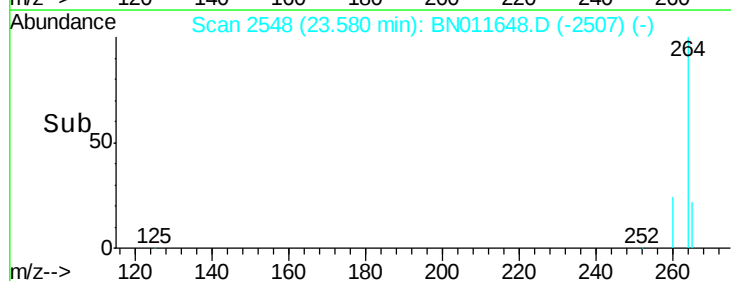
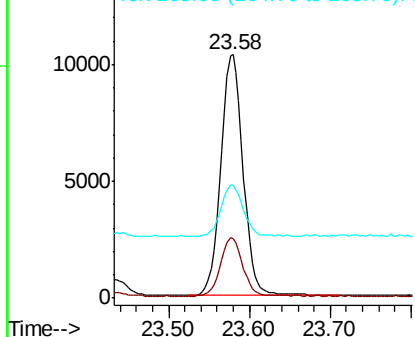


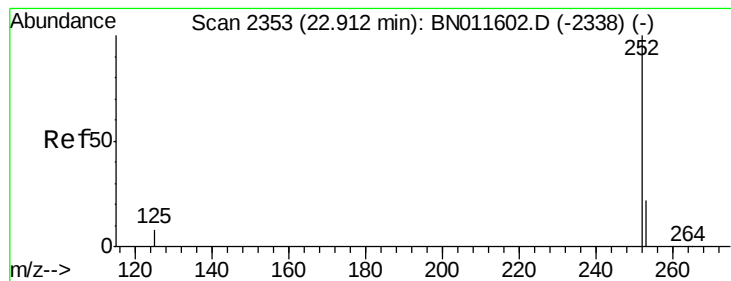
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.58 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BN011648.D
 Acq: 26 Aug 2020 16:56

Tgt Ion:264 Resp: 19653
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 46.7 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: 0.298 ng

RT: 22.90 min Scan# 2350

Delta R.T. -0.01 min

Lab File: BN011648.D

Acq: 26 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

CS-3MSD

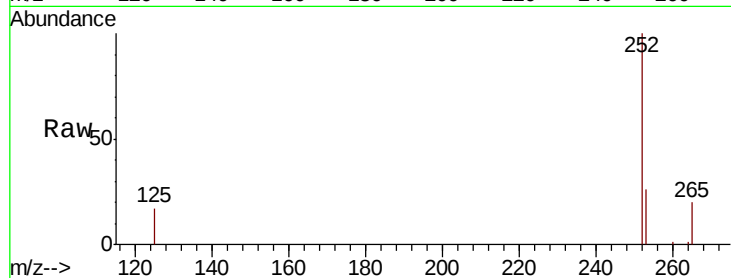
Tot Ion:252 Resp: 21247

Ion Ratio Lower Upper

252 100

253 25.7 21.0 31.6

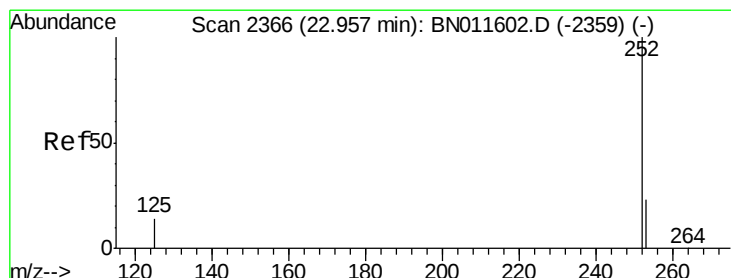
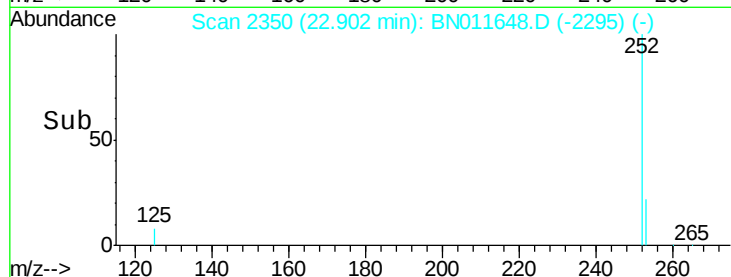
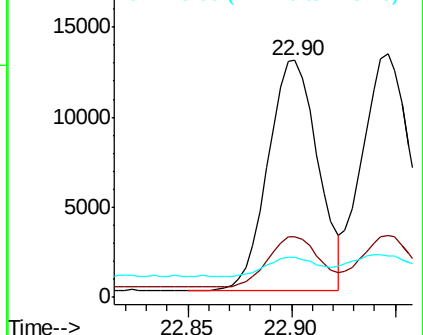
125 16.8 11.0 16.6#



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: 0.304 ng

RT: 22.95 min Scan# 2363

Delta R.T. -0.01 min

Lab File: BN011648.D

Acq: 26 Aug 2020 16:56

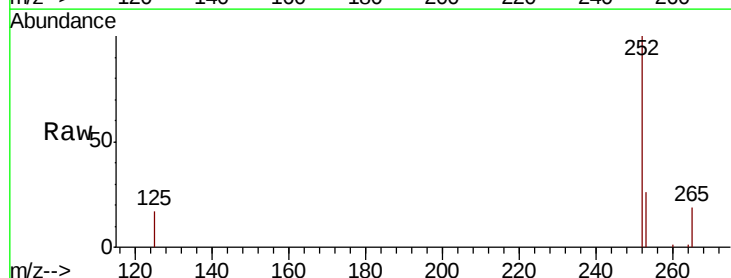
Tgt Ion:252 Resp: 21549

Ion Ratio Lower Upper

252 100

253 25.6 21.2 31.8

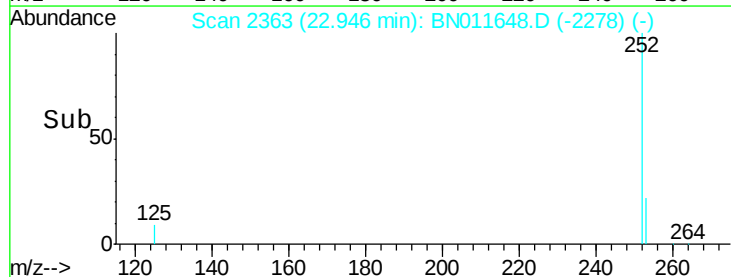
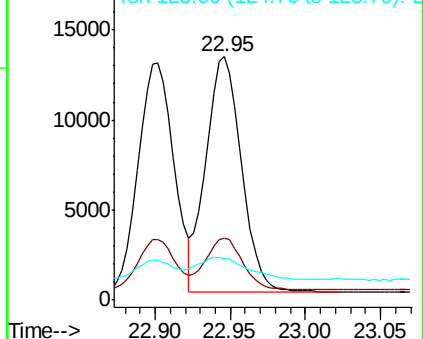
125 17.2 14.6 21.8

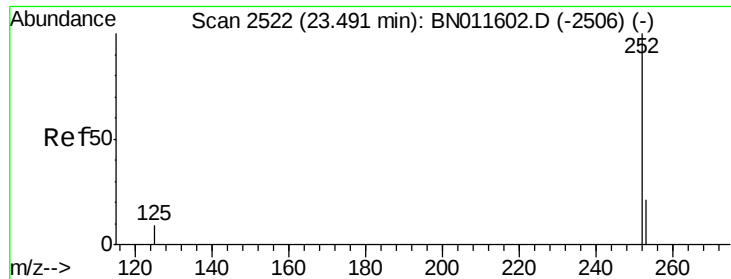


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.295 ng

RT: 23.48 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BN011648.D

Acq: 26 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

CS-3MSD

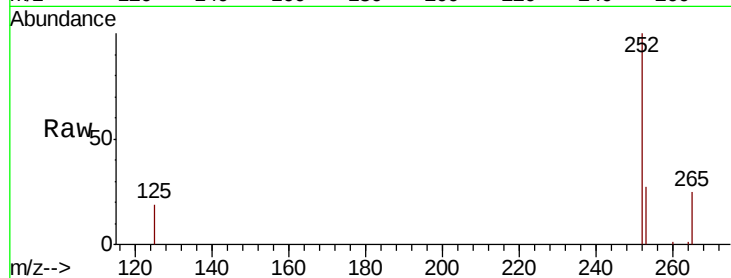
Tot Ion:252 Resp: 19548

Ion Ratio Lower Upper

252 100

253 26.6 21.2 31.8

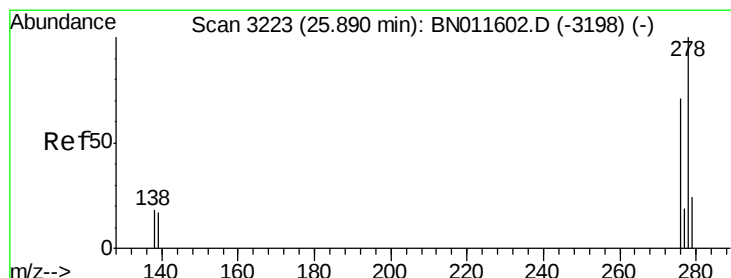
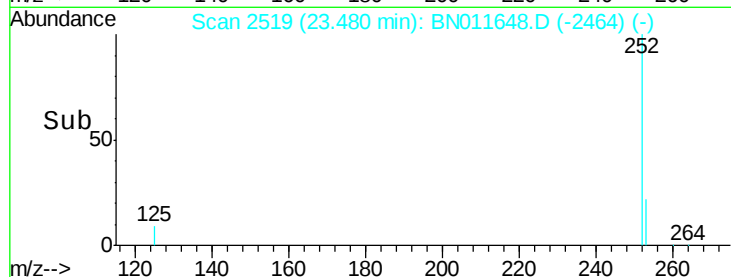
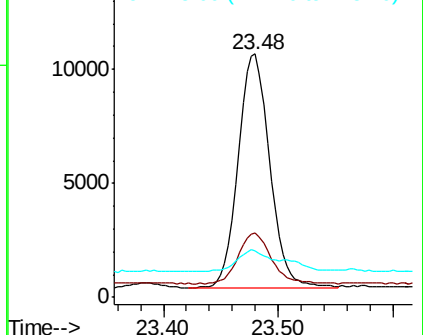
125 19.3 12.1 18.1#



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: 0.330 ng

RT: 25.87 min Scan# 3216

Delta R.T. -0.02 min

Lab File: BN011648.D

Acq: 26 Aug 2020 16:56

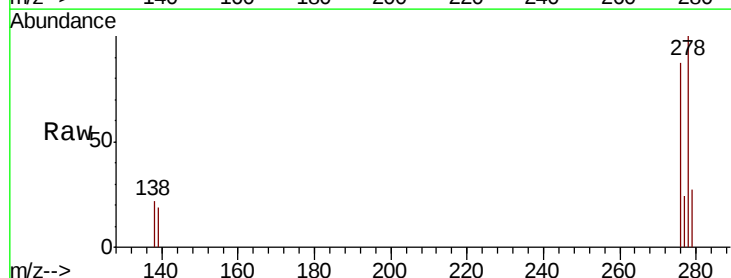
Tgt Ion:278 Resp: 22877

Ion Ratio Lower Upper

278 100

139 18.7 16.6 25.0

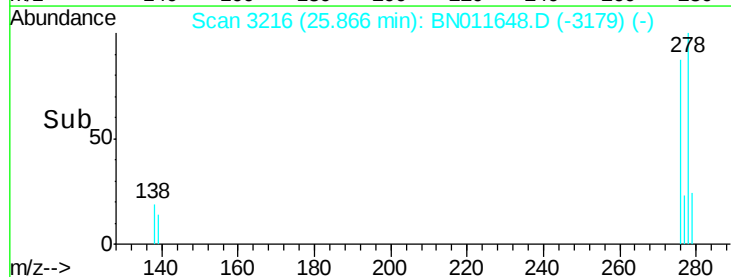
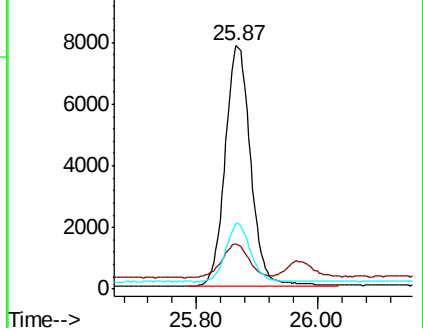
279 27.0 21.4 32.2

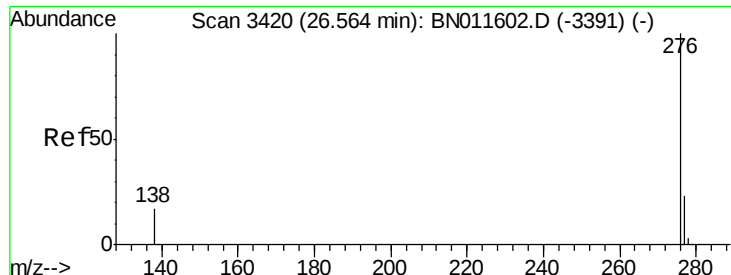


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.350 ng

RT: 26.54 min Scan# 3414

Delta R.T. -0.02 min

Lab File: BN011648.D

Acq: 26 Aug 2020 16:56

Instrument :

BNA_N

ClientSampleId :

CS-3MSD

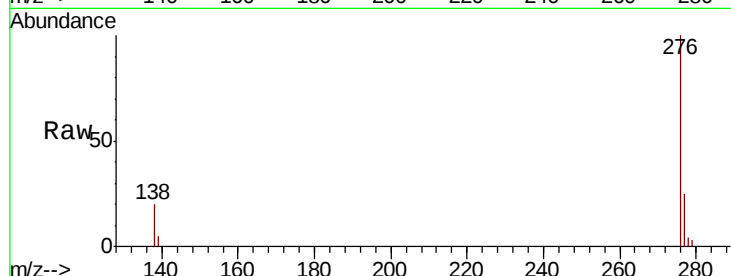
Tot Ion: 276 Resp: 23551

Ion Ratio Lower Upper

276 100

277 25.5 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

