

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
 Data File : BN011614.D
 Acq On : 25 Aug 2020 14:13
 Operator : CG/JU
 Sample : L3729-18MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COMP-5-(4-5)MSD

Quant Time: Aug 25 14:53:06 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	7.76	152	2781	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	11655	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	7305	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	16061	0.40	ng	0.00
29) Chrysene-d12	21.33	240	16927	0.40	ng	0.00
36) Perylene-d12	23.59	264	19439	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	2937	0.33	ng	0.00
5) Phenol-d6	6.92	99	4044	0.32	ng	0.00
8) Nitrobenzene-d5	8.89	82	4187	0.41	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	5040	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1075	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	11732	0.41	ng	-0.01
27) Fluoranthene-d10	19.17	212	12621	0.24	ng	0.00
31) Terphenyl-d14	19.78	244	19173	0.44	ng	0.00

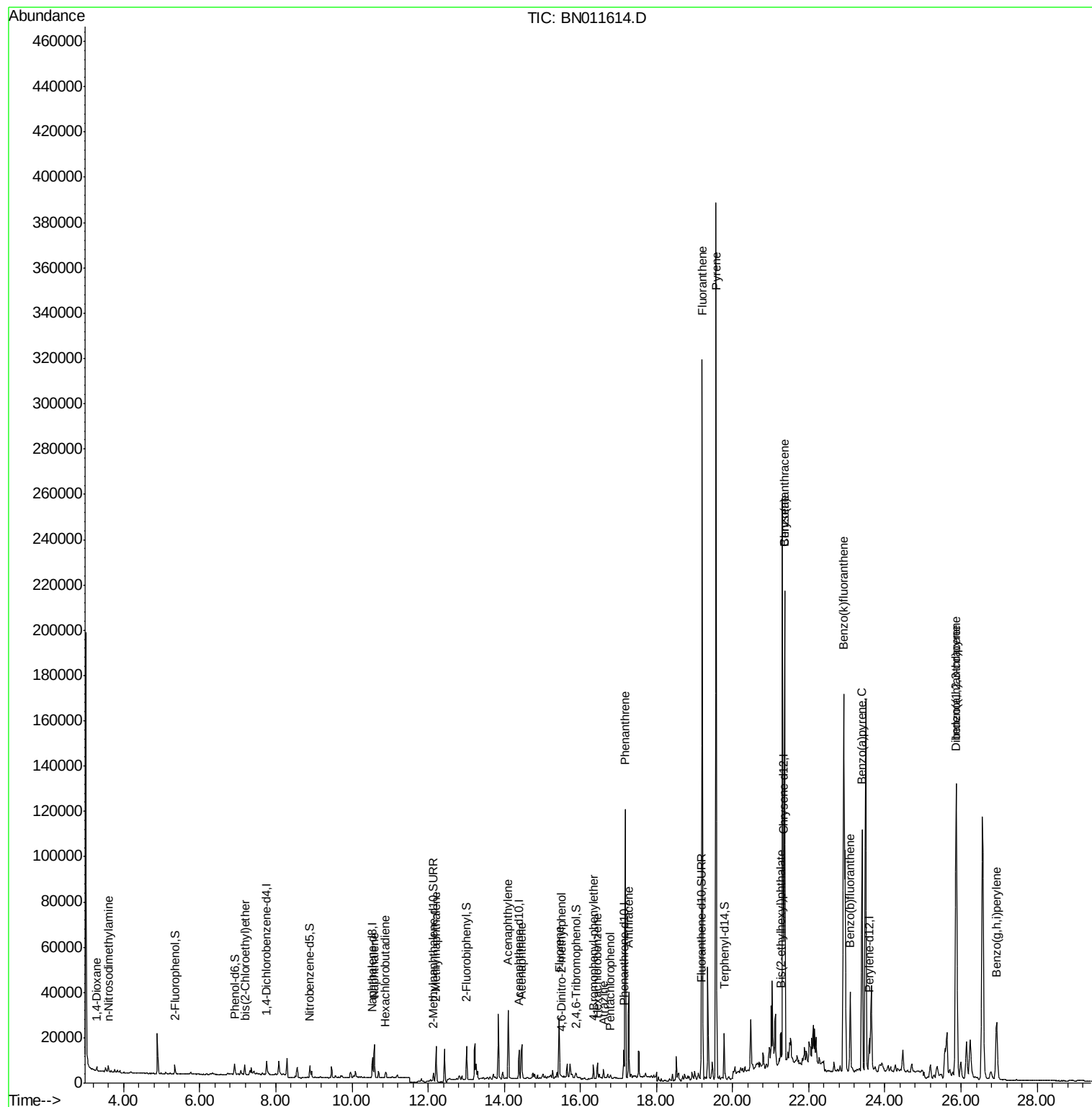
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	1219	0.283	ng	# 1
3) n-Nitrosodimethylamine	3.60	42	1480	0.326	ng	# 98
6) bis(2-Chloroethyl)ether	7.18	93	3103	0.347	ng	97
9) Naphthalene	10.59	128	18787	0.567	ng	# 93
10) Hexachlorobutadiene	10.88	225	2065	0.297	ng	# 98
12) 2-Methylnaphthalene	12.21	142	10381	0.425	ng	97
16) Acenaphthylene	14.10	152	38219	0.993	ng	99
17) Acenaphthene	14.46	154	8663	0.355	ng	99
18) Fluorene	15.45	166	14450	0.457	ng	95
20) 4,6-Dinitro-2-methylphenol	15.51	198	613	0.331	ng	# 47
21) 4-Bromophenyl-phenylether	16.34	248	2774	0.296	ng	# 82
22) Hexachlorobenzene	16.44	284	3186	0.294	ng	97
23) Atrazine	16.60	200	2271	0.245	ng	95
24) Pentachlorophenol	16.79	266	371	0.078	ng	97
25) Phenanthrene	17.17	178	120321	2.411	ng	100
26) Anthracene	17.27	178	41289	0.840	ng	100
28) Fluoranthene	19.20	202	279347	4.620	ng	99
30) Pyrene	19.56	202	346427	5.772	ng	99
32) Benzo(a)anthracene	21.36	228	178880	2.930	ng	96
33) Chrysene	21.36	228	178773	3.072	ng	99
34) Bis(2-ethylhexyl)phthalate	21.27	149	12585	0.281	ng	94
35) Indeno(1,2,3-cd)pyrene	25.87	276	215952	3.040	ng	# 100
37) Benzo(b)fluoranthene	23.09	252	38396	0.545	ng	96
38) Benzo(k)fluoranthene	22.92	252	270226	3.858	ng	# 87
39) Benzo(a)pyrene	23.40	252	143374	2.184	ng	93
40) Dibenzo(a,h)anthracene	25.88	278	54862	0.800	ng	# 92
41) Benzo(g,h,i)perylene	26.93	276	58775	0.883	ng	97

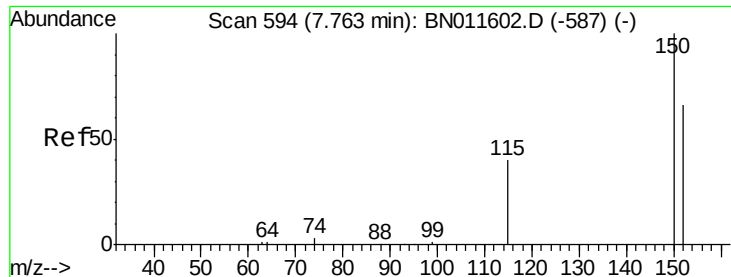
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.76 min Scan# 593

Delta R.T. -0.01 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD

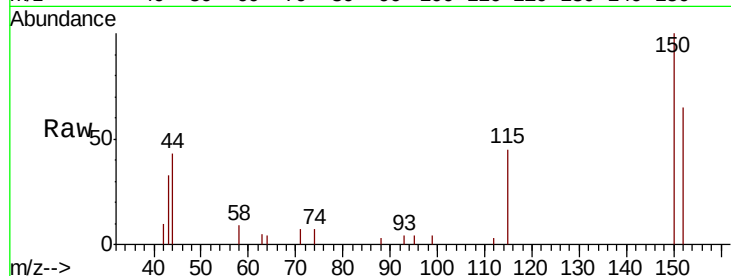
Tot Ion:152 Resp: 2781

Ion Ratio Lower Upper

152 100

150 154.9 112.4 168.6

115 68.9 56.9 85.3

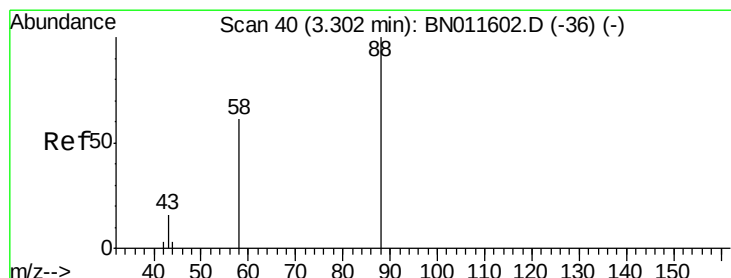
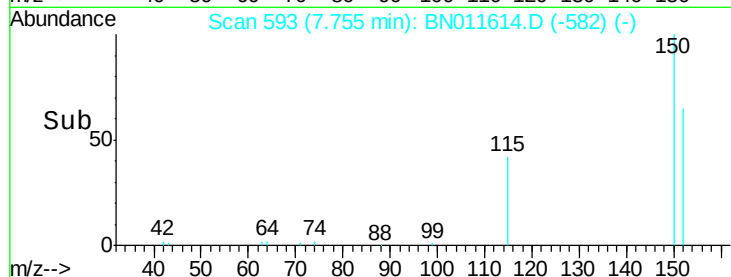
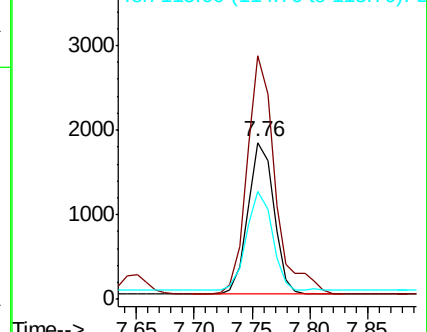


Abundance

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: 0.283 ng

RT: 3.30 min Scan# 40

Delta R.T. -0.00 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

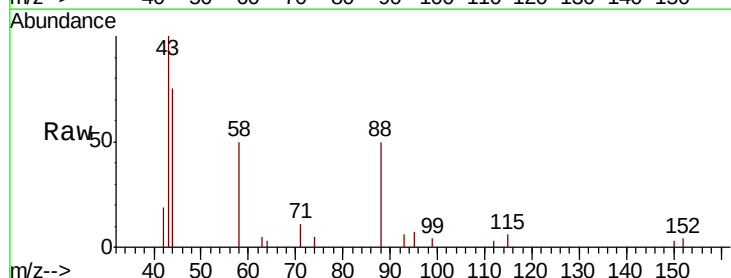
Tgt Ion: 88 Resp: 1219

Ion Ratio Lower Upper

88 100

58 74.2 3.0 4.4#

43 55.2 0.0 0.0#

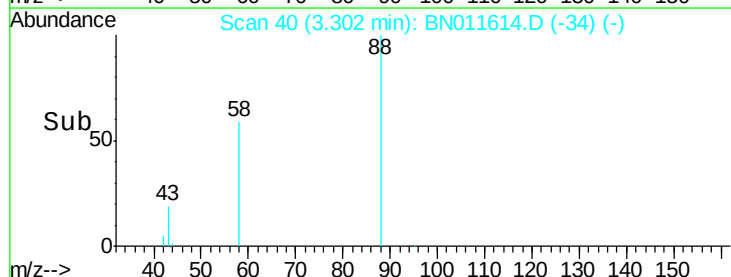
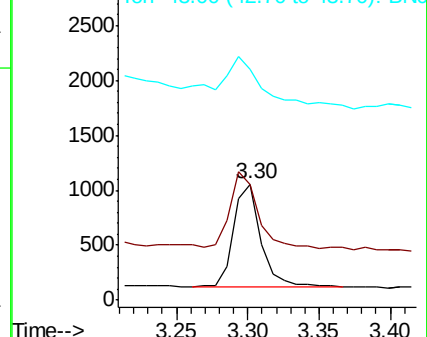


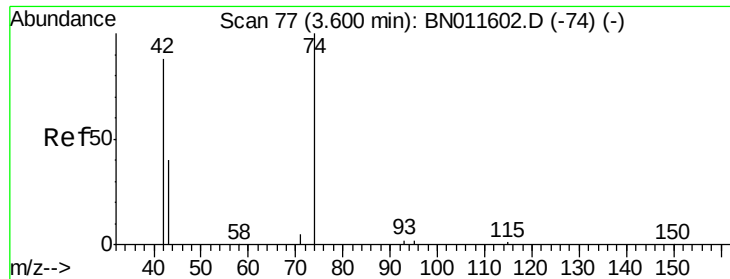
Abundance

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: 0.326 ng

RT: 3.60 min Scan# 77

Delta R.T. -0.00 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD

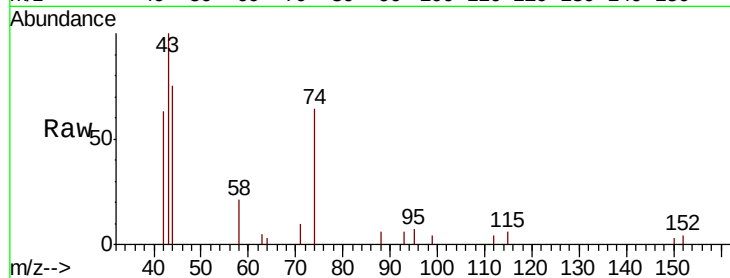
Tot Ion: 42 Resp: 1480

Ion Ratio Lower Upper

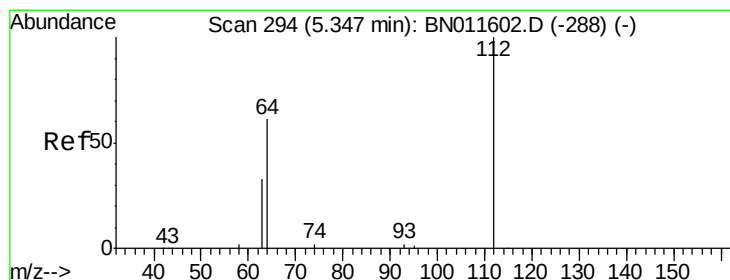
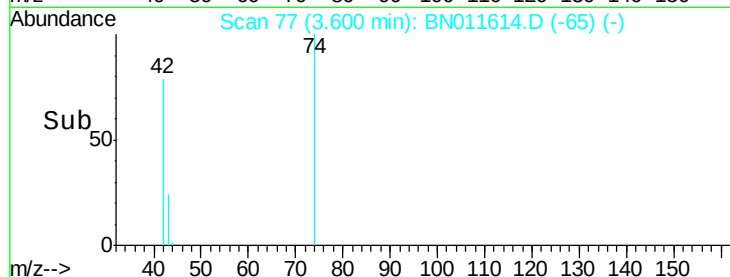
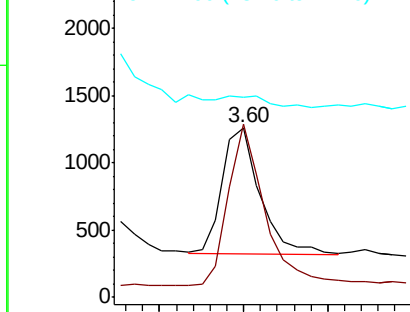
42 100

74 124.7 0.0 0.0#

44 11.2 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: 0.330 ng

RT: 5.35 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

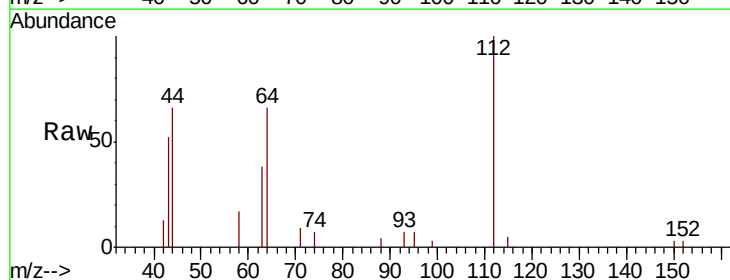
Tgt Ion: 112 Resp: 2937

Ion Ratio Lower Upper

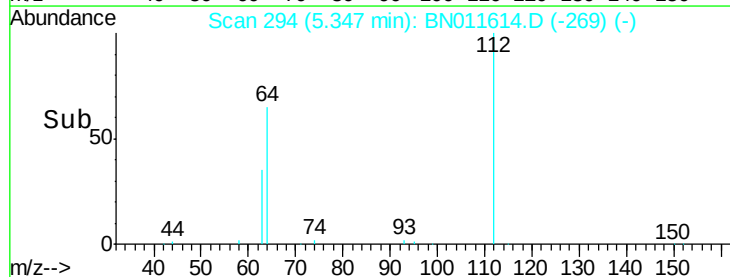
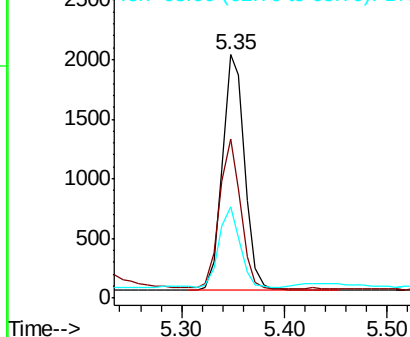
112 100

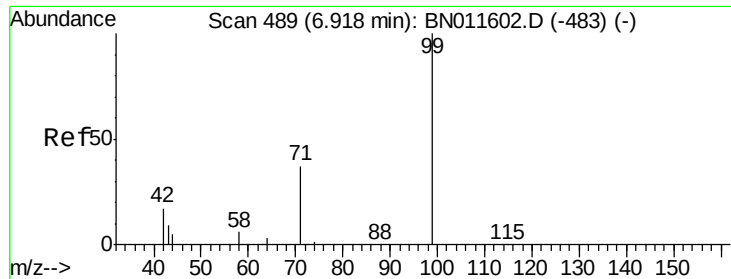
64 60.9 49.6 74.4

63 32.3 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: 0.322 ng

RT: 6.92 min Scan# 489

Delta R.T. -0.00 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

Instrument :

BNA_N

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COMP-5-(4-5)MSD

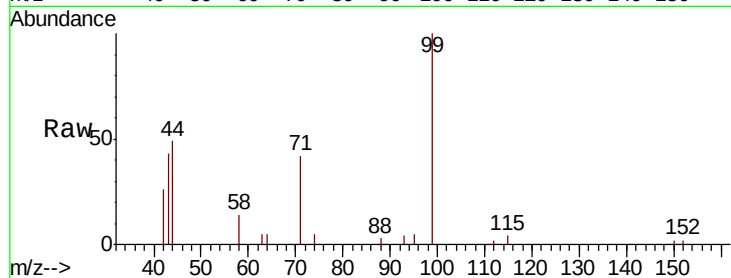
Tot Ion: 99 Resp: 4044

Ion Ratio Lower Upper

99 100

42 22.0 0.0 0.0#

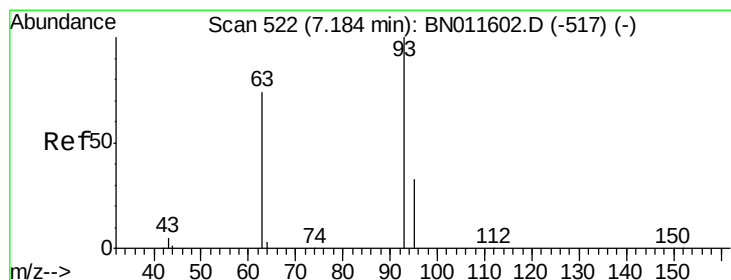
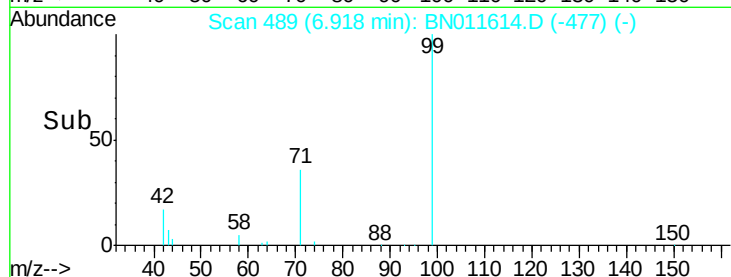
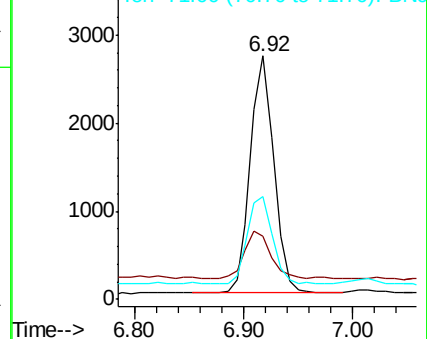
71 38.8 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BN011614.D (-477) (-)

Ion 42.00 (41.70 to 42.70): BN011614.D (-477) (-)

Ion 71.00 (70.70 to 71.70): BN011614.D (-477) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.347 ng

RT: 7.18 min Scan# 522

Delta R.T. -0.00 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

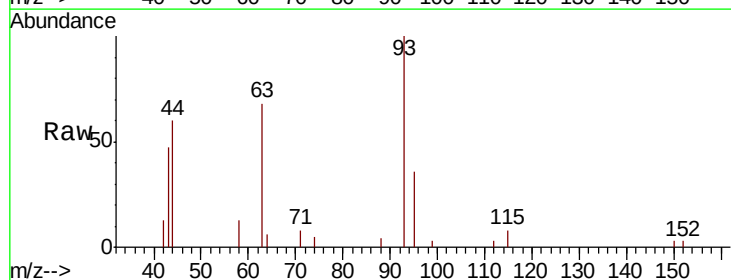
Tgt Ion: 93 Resp: 3103

Ion Ratio Lower Upper

93 100

63 73.5 57.8 86.8

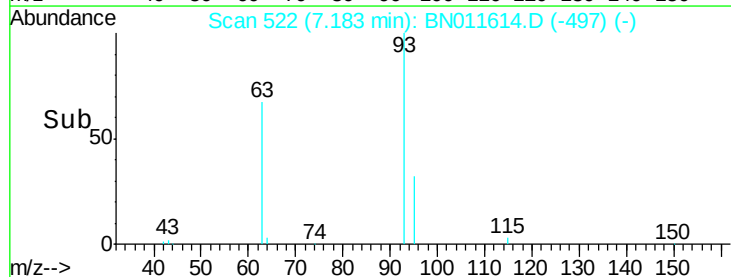
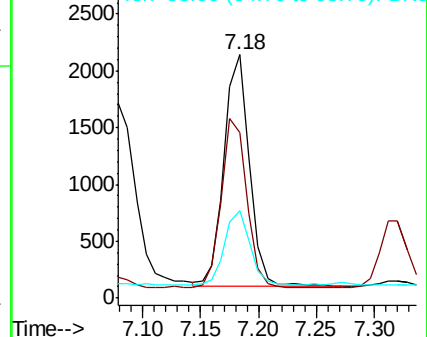
95 32.1 28.3 42.5

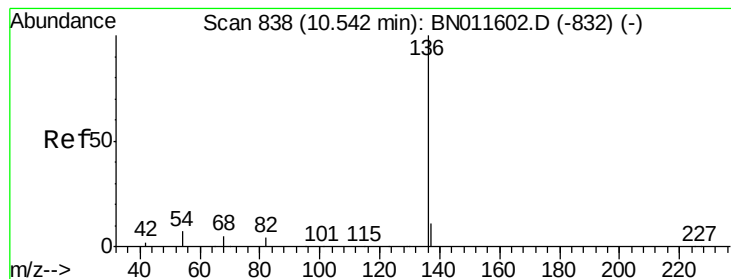


Abundance Ion 93.00 (92.70 to 93.70): BN011614.D (-497) (-)

Ion 63.00 (62.70 to 63.70): BN011614.D (-497) (-)

Ion 95.00 (94.70 to 95.70): BN011614.D (-497) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD

Tot Ion:136 Resp: 11655

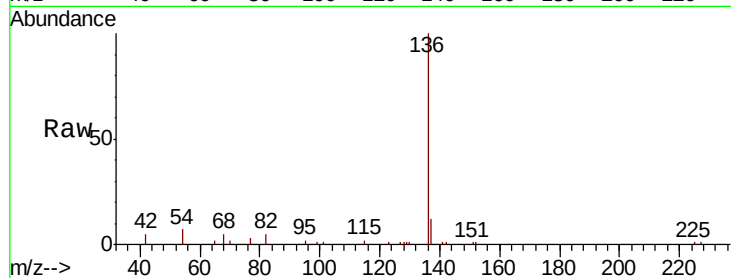
Ion Ratio Lower Upper

136 100

137 11.8 11.5 17.3

54 6.9 11.9 17.9#

68 5.3 12.3 18.5#

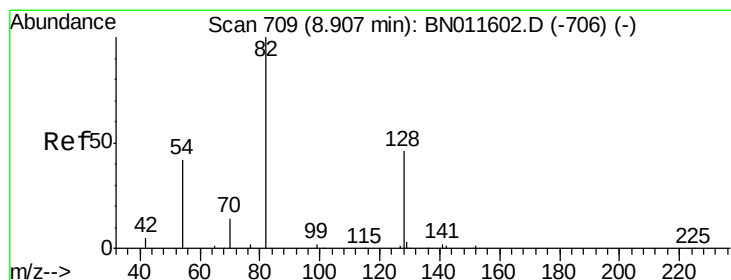
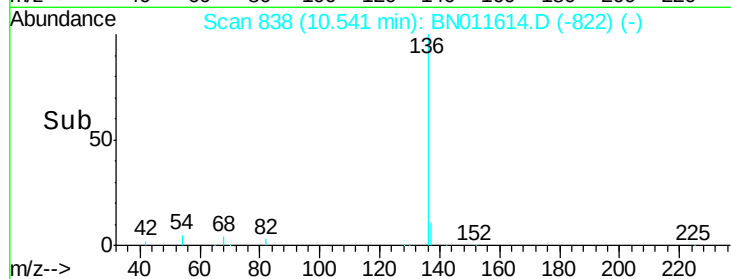
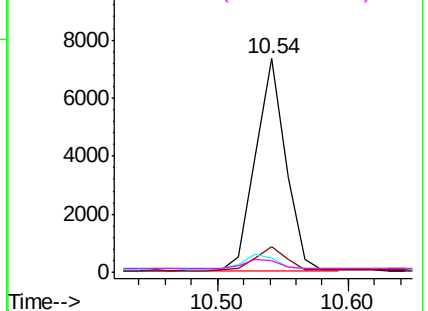


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.415 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

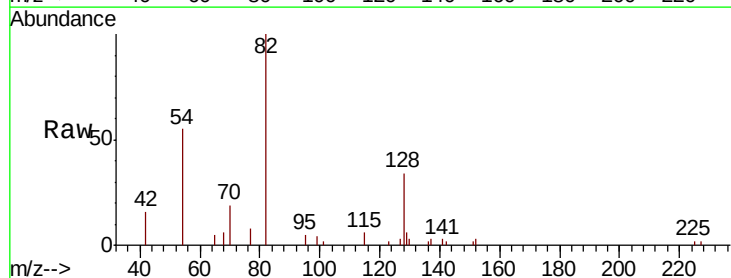
Tgt Ion: 82 Resp: 4187

Ion Ratio Lower Upper

82 100

128 34.4 31.1 46.7

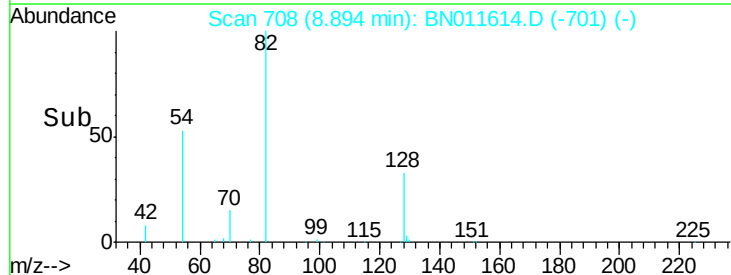
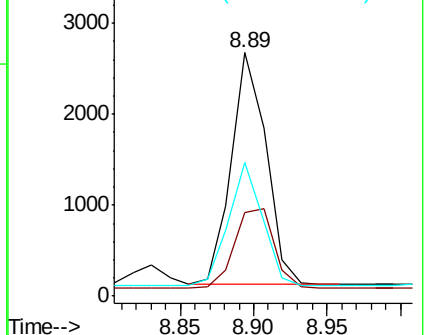
54 55.1 37.1 55.7

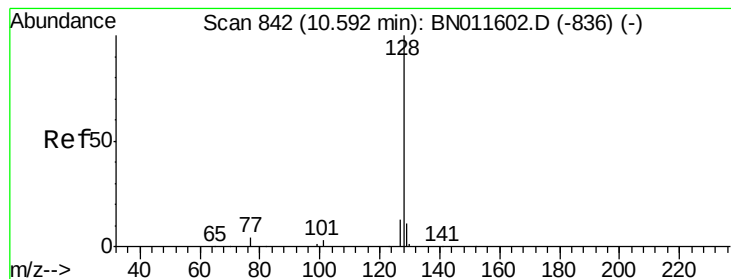


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.567 ng

RT: 10.59 min Scan# 842

Delta R.T. -0.00 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD

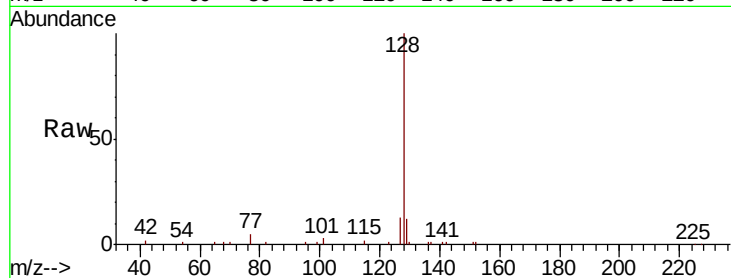
Tot Ion:128 Resp: 18787

Ion Ratio Lower Upper

128 100

129 11.8 11.0 16.4

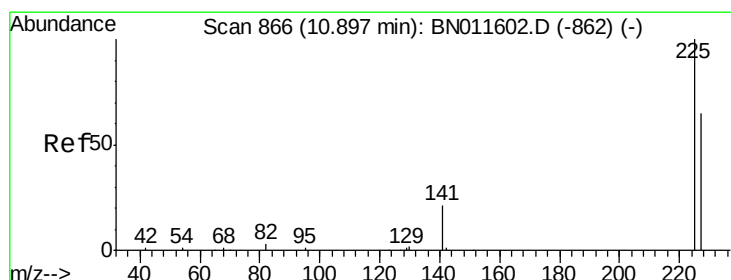
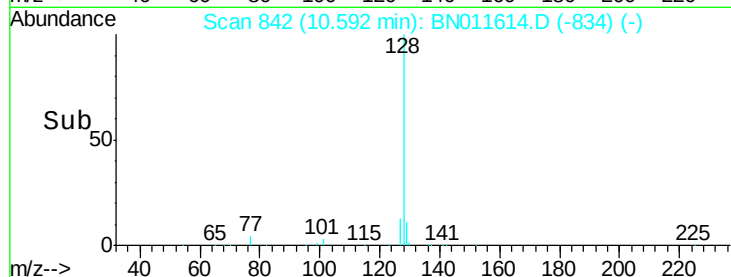
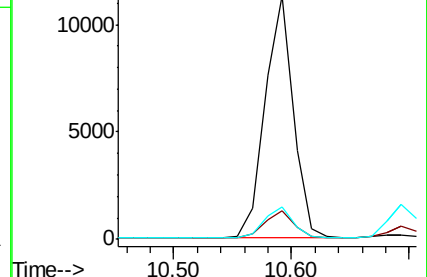
127 13.3 13.5 20.3#



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: 0.297 ng

RT: 10.88 min Scan# 865

Delta R.T. -0.01 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

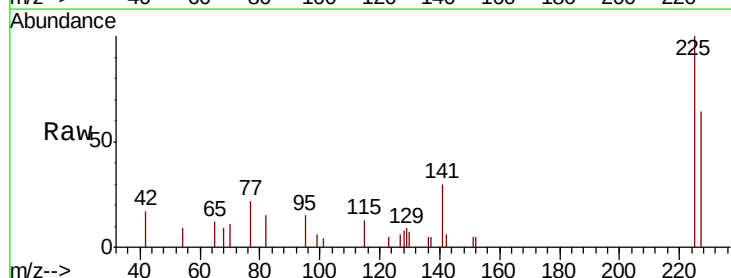
Tgt Ion:225 Resp: 2065

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

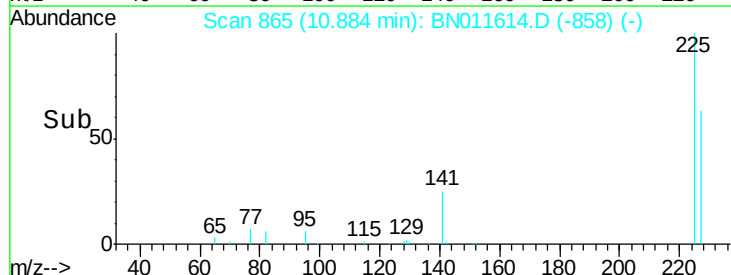
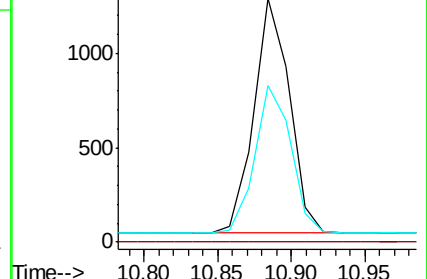
227 64.2 50.2 75.2

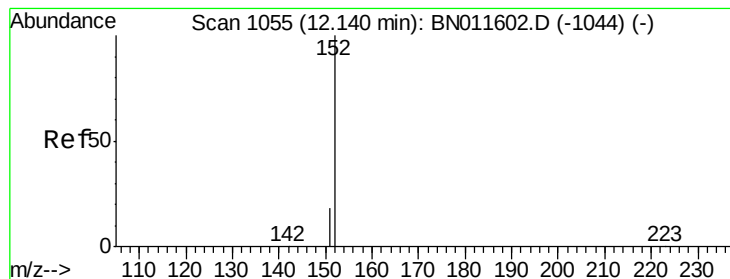


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.228 ng

RT: 12.14 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

Instrument :

BNA_N

ClientSampleId :

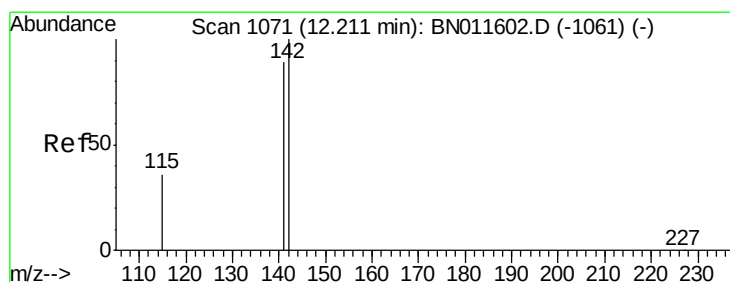
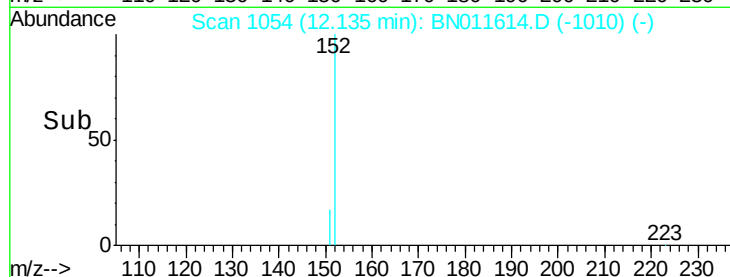
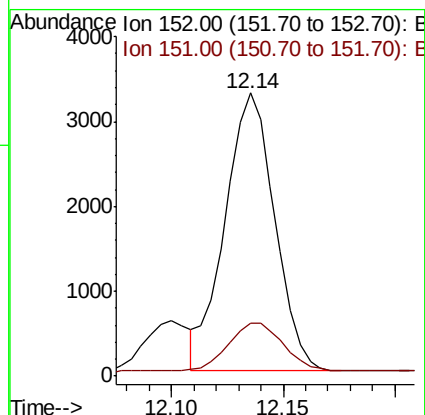
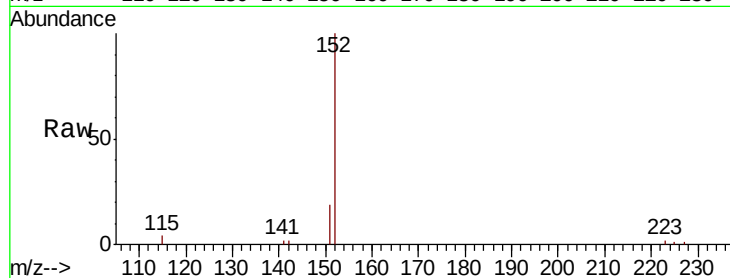
COMP-5-(4-5)MSD

Tot Ion:152 Resp: 5040

Ion Ratio Lower Upper

152 100

151 19.5 16.4 24.6



#12

2-Methylnaphthalene

Concen: 0.425 ng

RT: 12.21 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

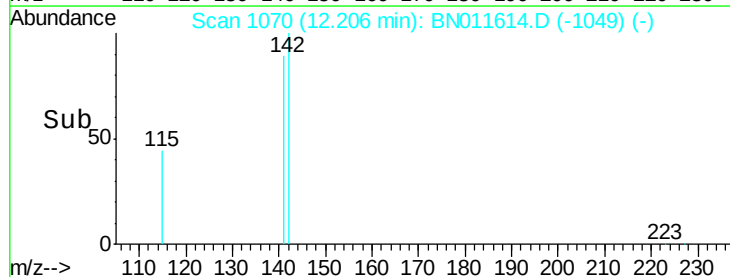
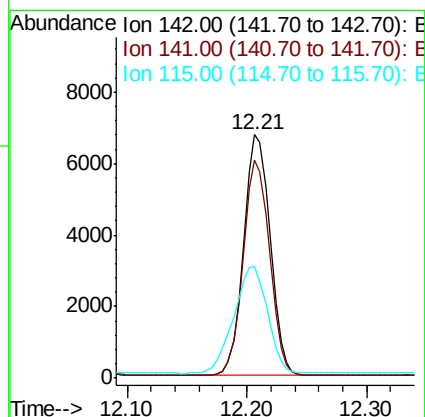
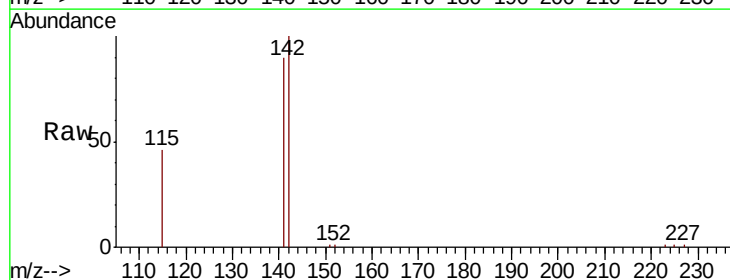
Tgt Ion:142 Resp: 10381

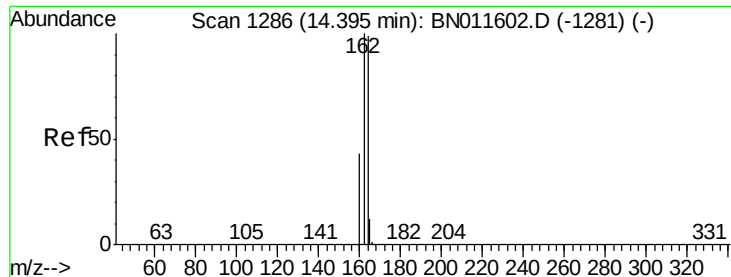
Ion Ratio Lower Upper

142 100

141 89.8 72.7 109.1

115 45.7 32.7 49.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.39 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD

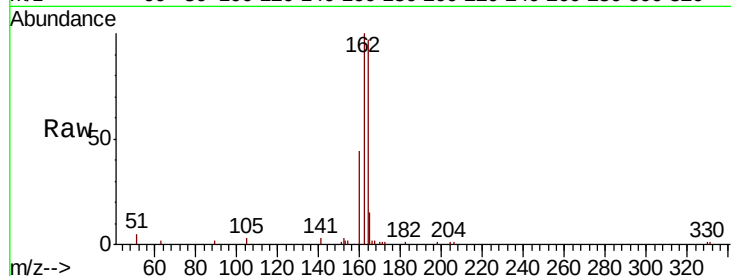
Tot Ion:164 Resp: 7305

Ion Ratio Lower Upper

164 100

162 102.8 80.8 121.2

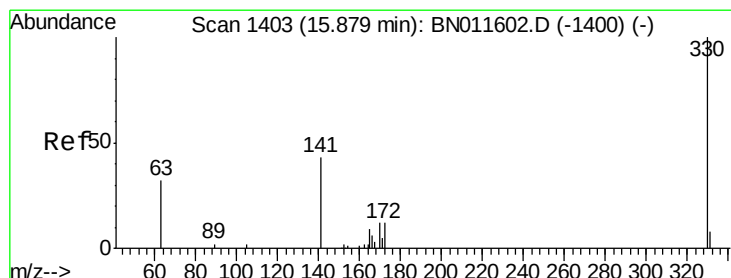
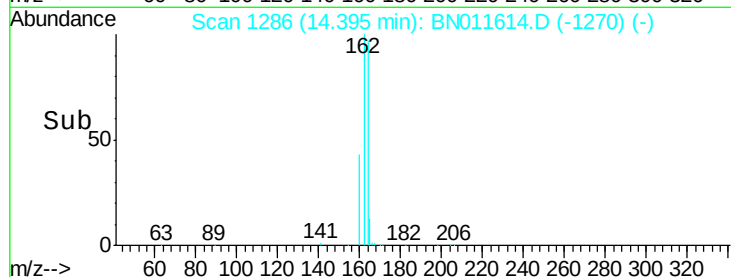
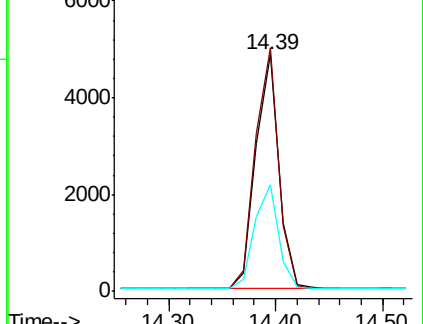
160 45.1 35.6 53.4



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: 0.268 ng

RT: 15.88 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

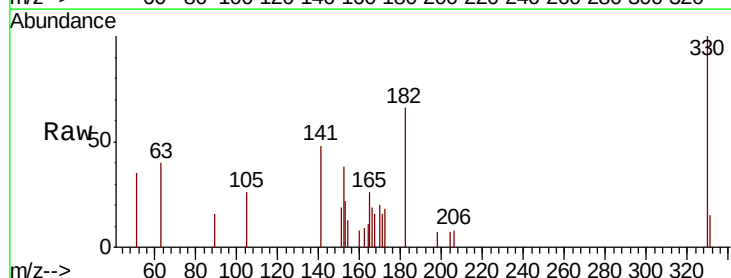
Tgt Ion:330 Resp: 1075

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

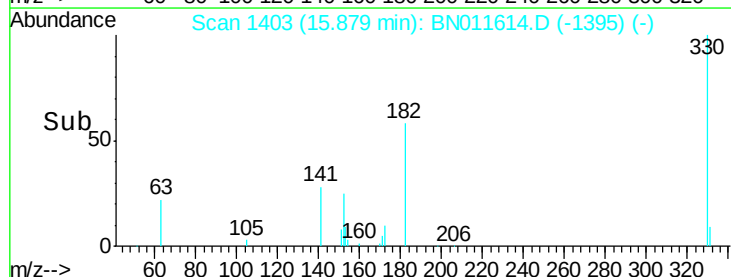
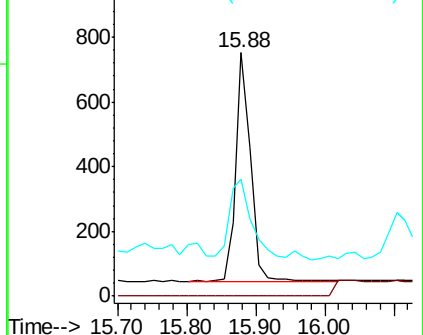
141 50.9 29.4 44.2#

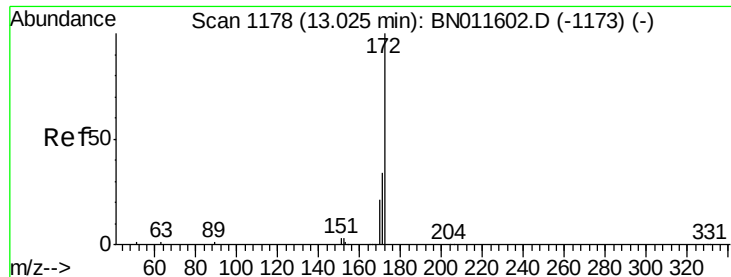


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

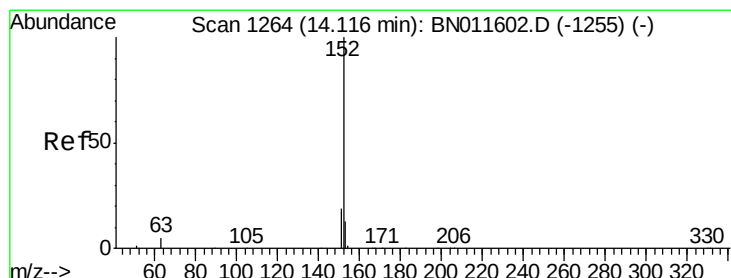
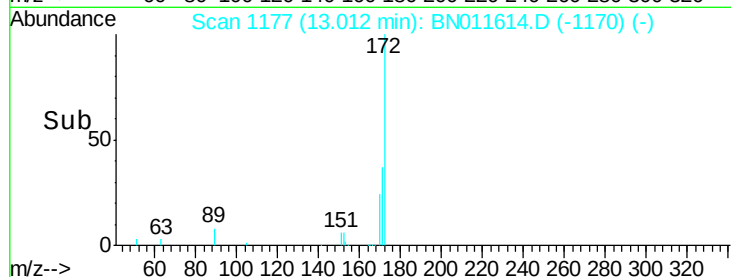
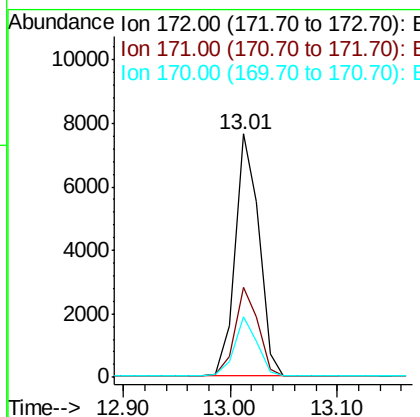
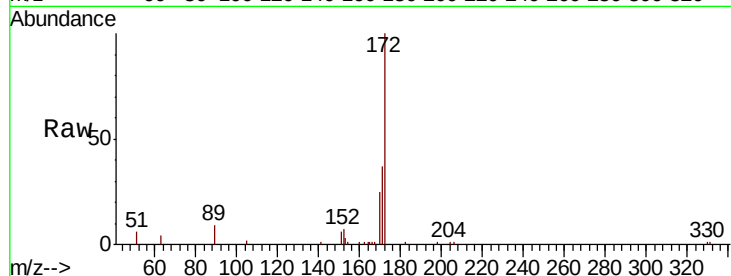




#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 13.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN011614.D
Acq: 25 Aug 2020 14:13

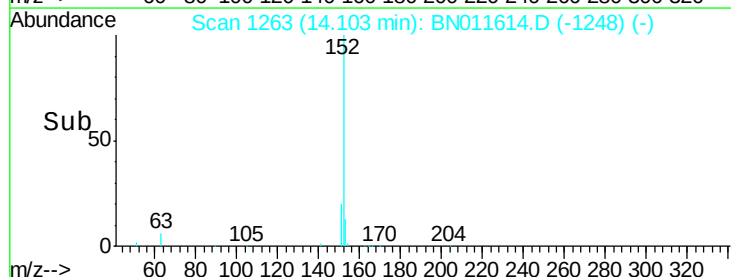
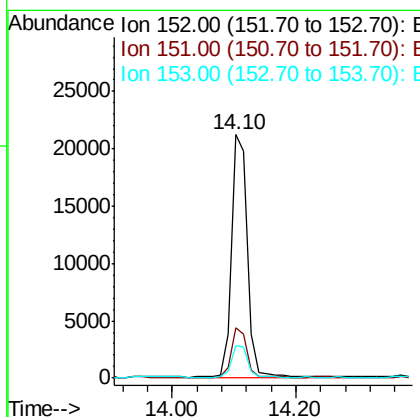
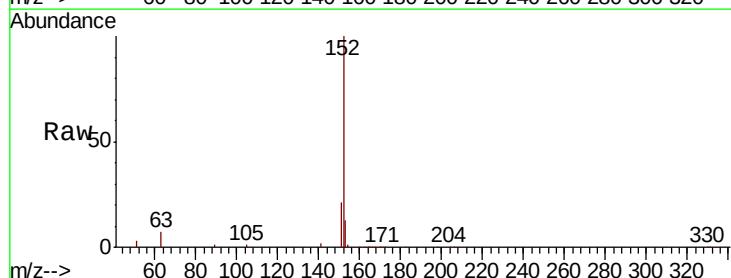
Instrument :
BNA_N
ClientSampleId :
COMP-5-(4-5)MSD

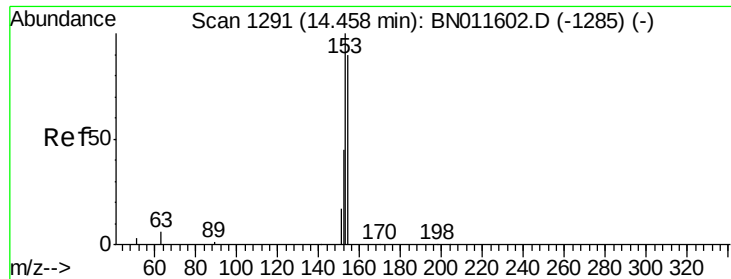
Tot Ion:172 Resp: 11732
Ion Ratio Lower Upper
172 100
171 37.0 28.6 42.8
170 24.7 18.2 27.2



#16
Acenaphthylene
Concen: 0.993 ng
RT: 14.10 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BN011614.D
Acq: 25 Aug 2020 14:13

Tgt Ion:152 Resp: 38219
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 13.2 11.0 16.4





#17

Acenaphthene

Concen: 0.355 ng

RT: 14.46 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD

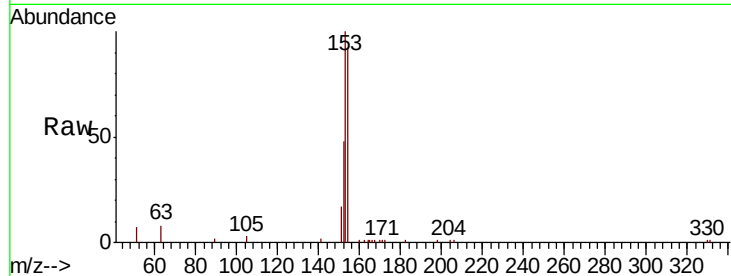
Tot Ion:154 Resp: 8663

Ion Ratio Lower Upper

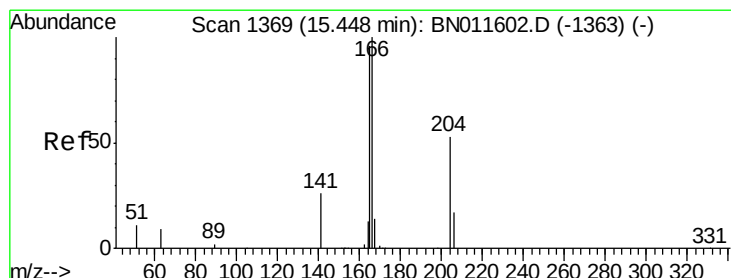
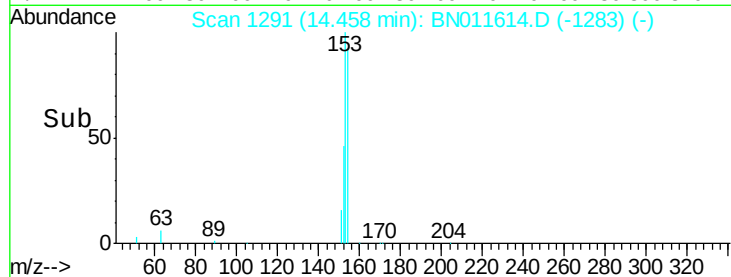
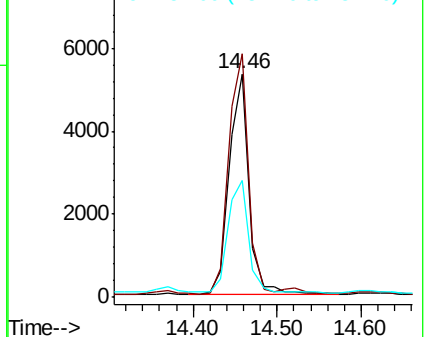
154 100

153 108.1 86.6 130.0

152 52.7 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: 0.457 ng

RT: 15.45 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

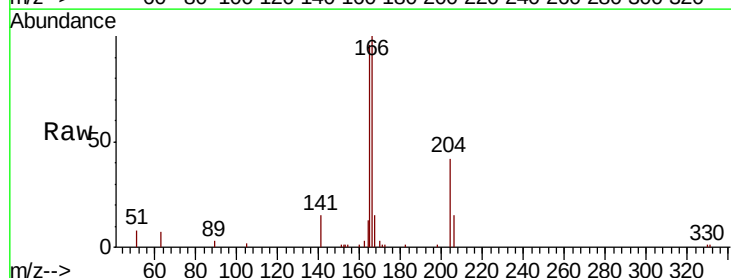
Tgt Ion:166 Resp: 14450

Ion Ratio Lower Upper

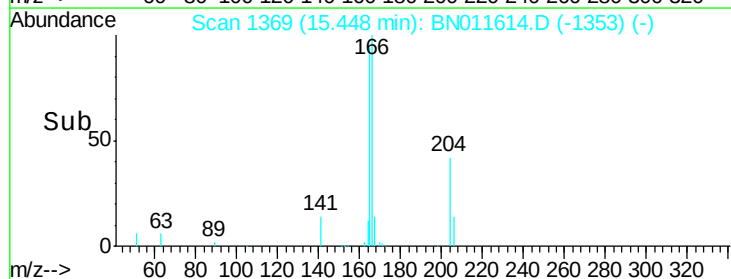
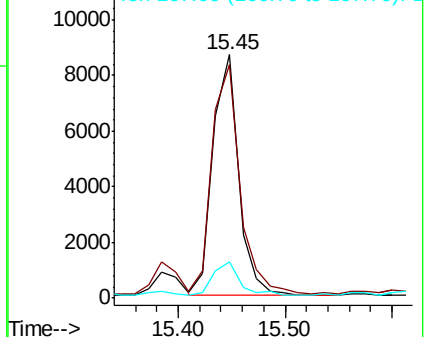
166 100

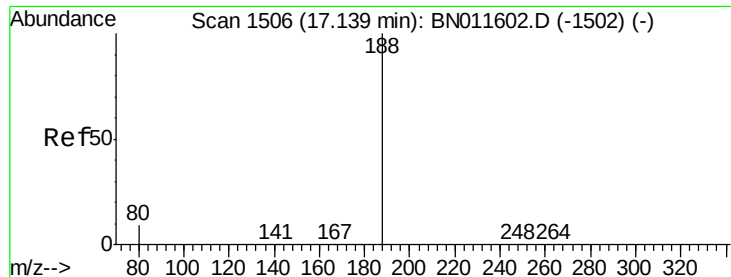
165 102.4 77.4 116.2

167 15.1 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: 17.14 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD

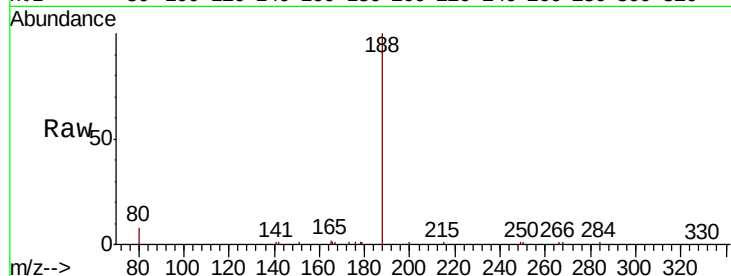
Tot Ion:188 Resp: 16061

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

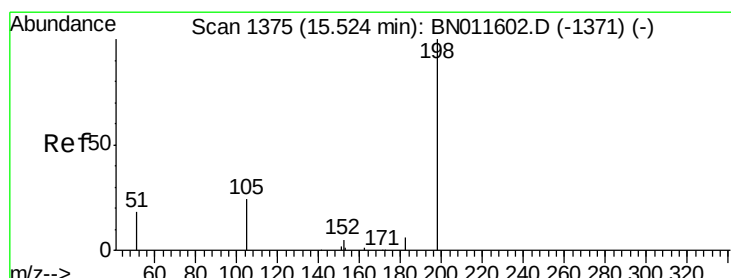
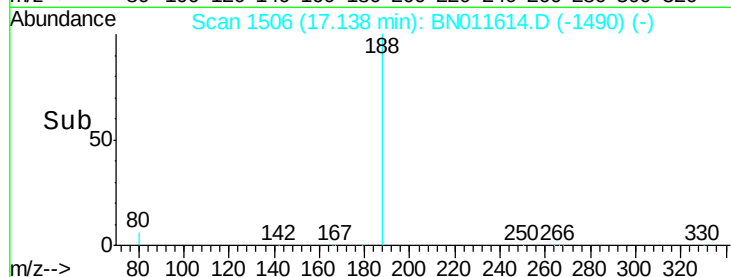
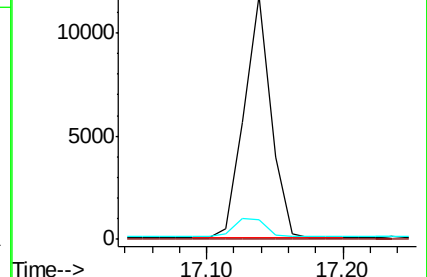
80 7.8 9.2 13.8#



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: 0.331 ng

RT: 15.51 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

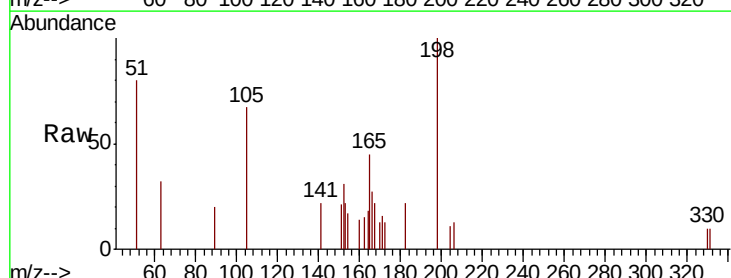
Tgt Ion:198 Resp: 613

Ion Ratio Lower Upper

198 100

51 80.5 99.6 149.4#

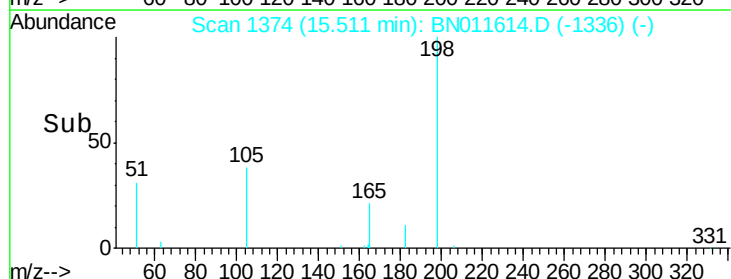
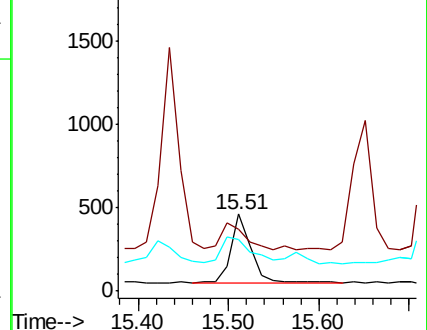
105 67.5 118.8 178.2#

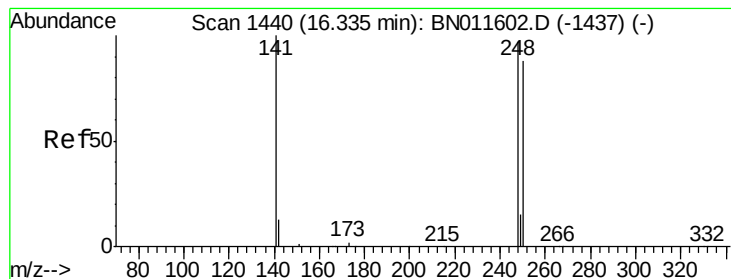


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#21

4-Bromophenyl-phenylether

Concen: 0.296 ng

RT: 16.34 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD

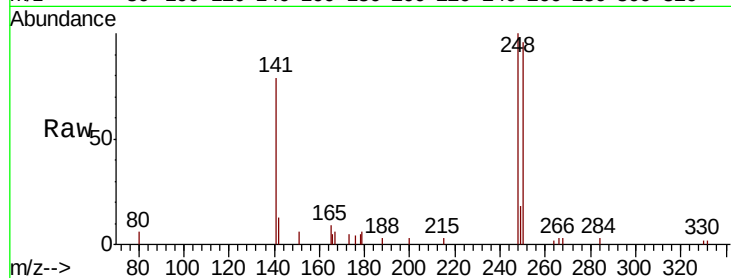
Tot Ion:248 Resp: 2774

Ion Ratio Lower Upper

248 100

250 95.5 73.4 110.2

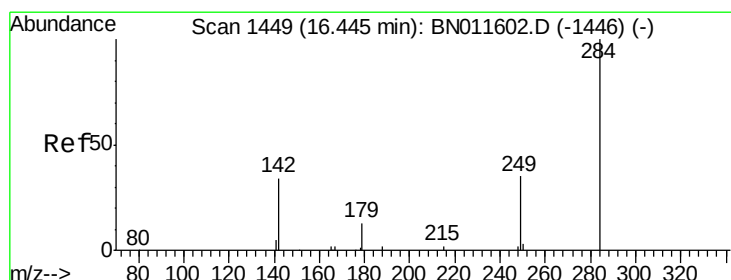
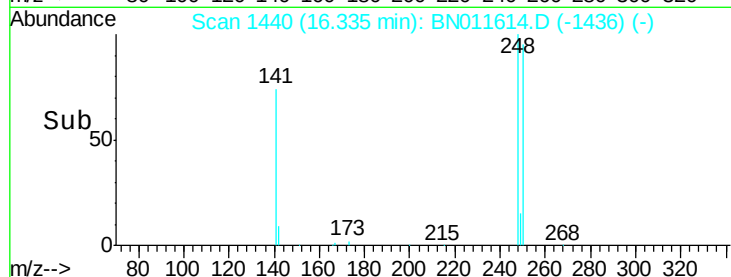
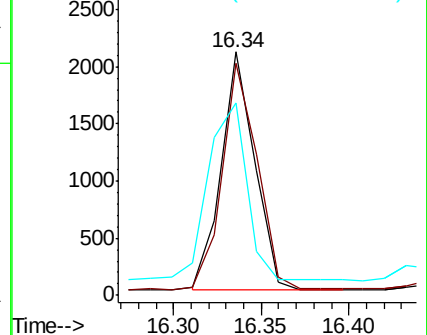
141 79.1 88.5 132.7#



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: 0.294 ng

RT: 16.44 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

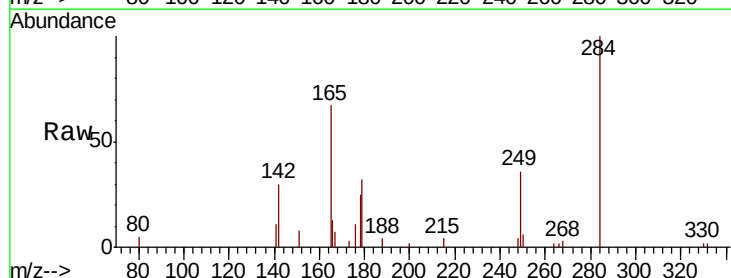
Tgt Ion:284 Resp: 3186

Ion Ratio Lower Upper

284 100

142 35.6 27.3 40.9

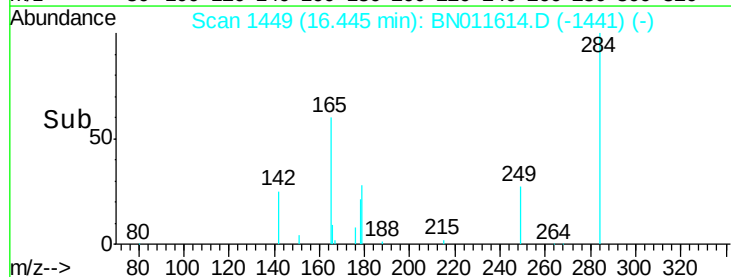
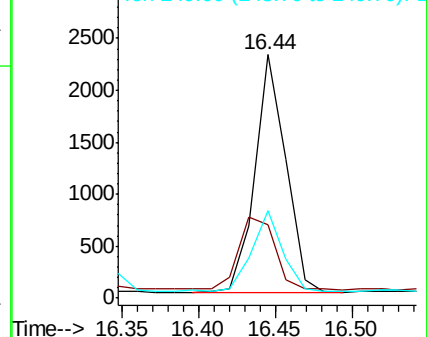
249 33.4 25.2 37.8

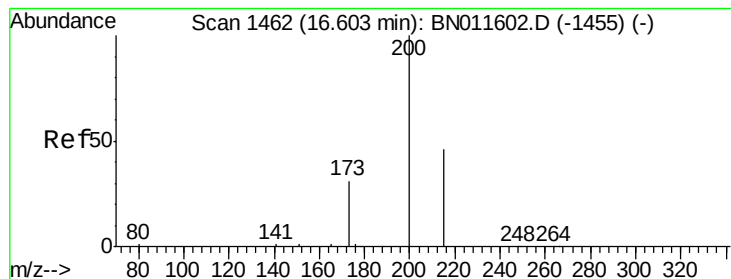


Abundance Ion 283.80 (283.50 to 284.50): E

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: 16.60 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD

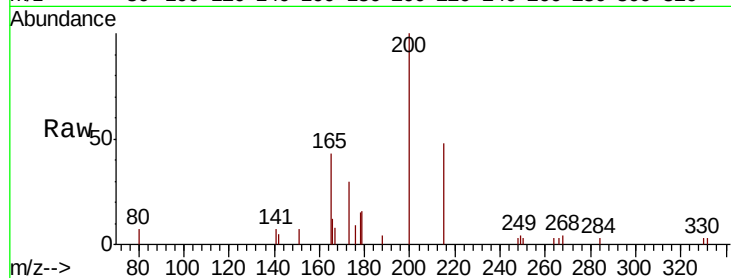
Tot Ion:200 Resp: 2271

Ion Ratio Lower Upper

200 100

173 30.0 28.2 42.4

215 48.3 39.8 59.6

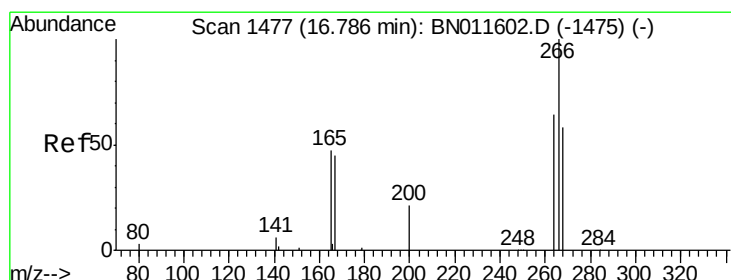
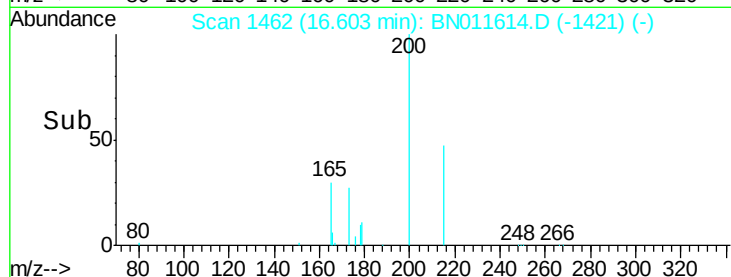
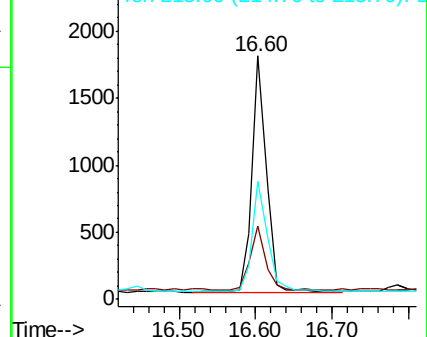


Abundance

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: 0.078 ng

RT: 16.79 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

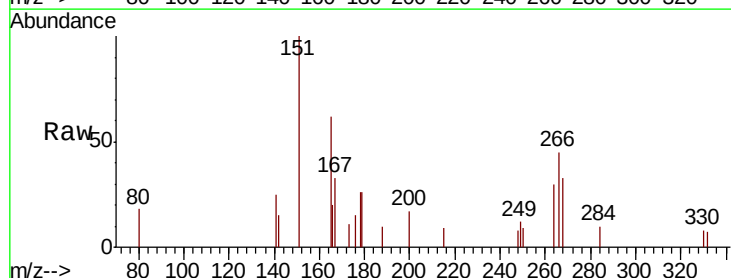
Tgt Ion:266 Resp: 371

Ion Ratio Lower Upper

266 100

264 64.4 48.1 72.1

268 60.9 48.4 72.6

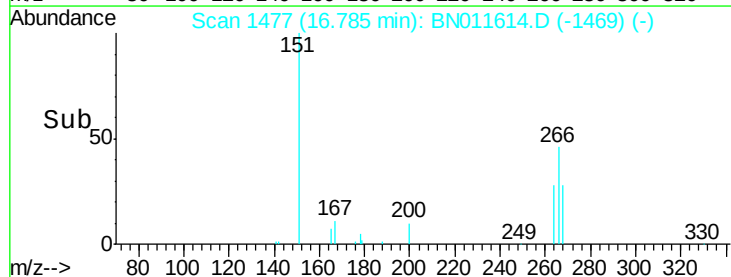
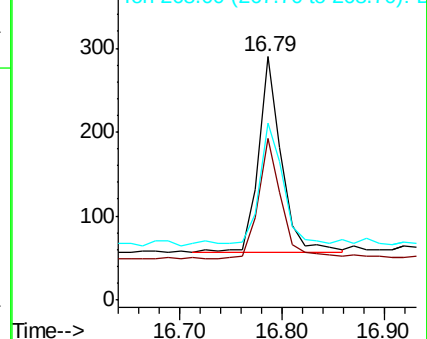


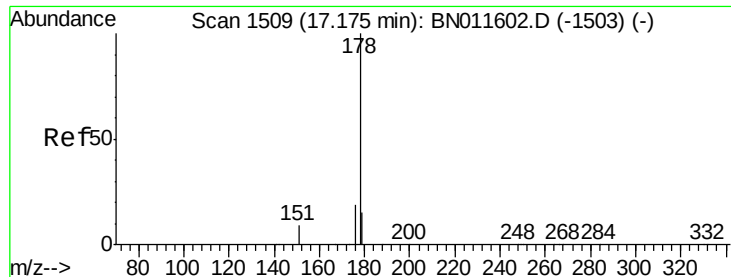
Abundance

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: 2.411 ng

RT: 17.17 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD

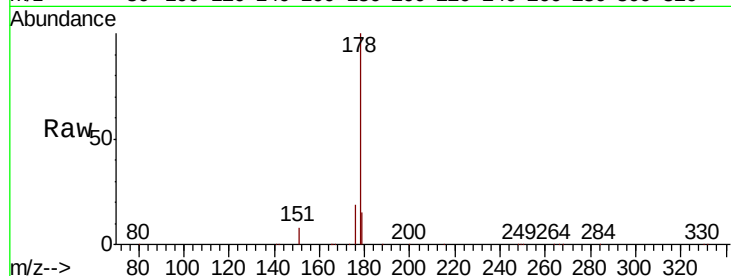
Tot Ion:178 Resp: 120321

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

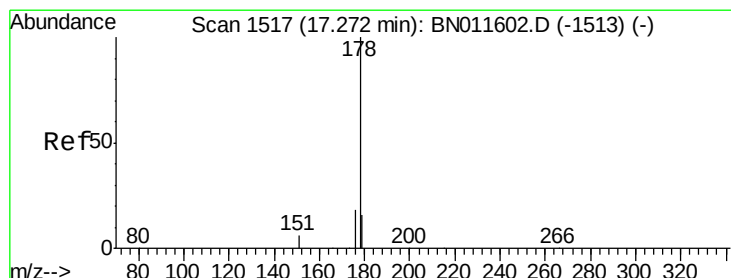
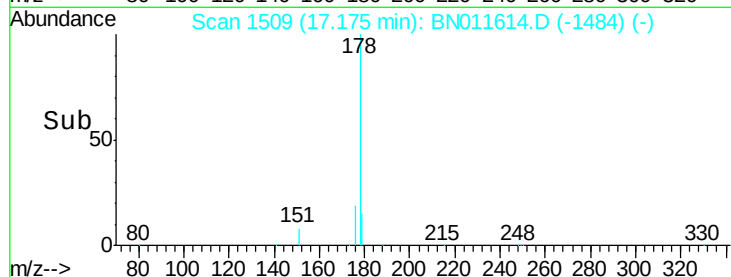
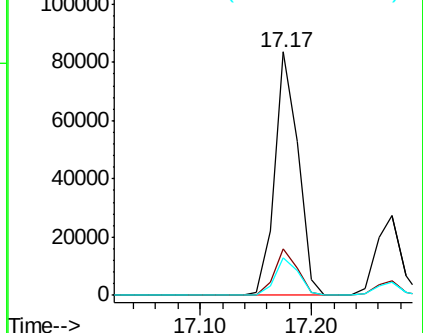
179 15.5 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#26

Anthracene

Concen: 0.840 ng

RT: 17.27 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

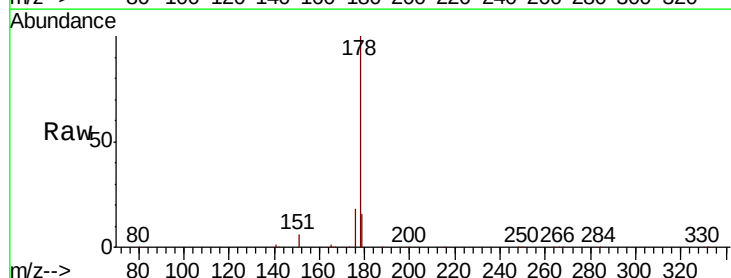
Tgt Ion:178 Resp: 41289

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

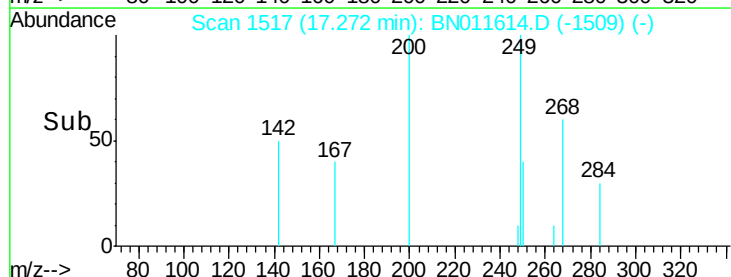
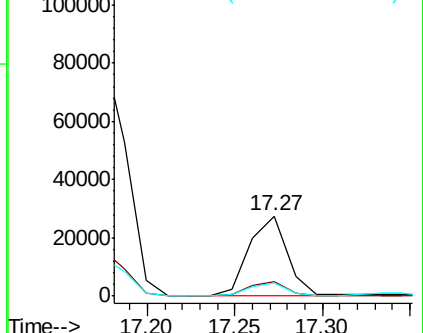
179 15.5 12.5 18.7

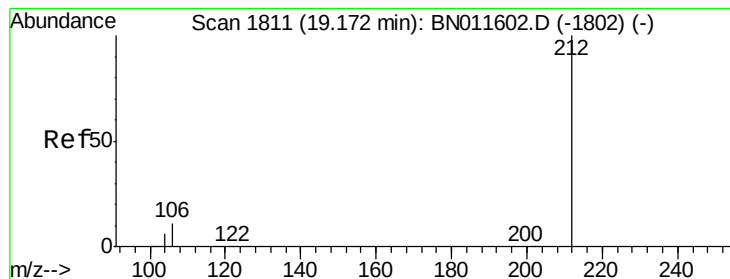


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 0.241 ng

RT: 19.17 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD

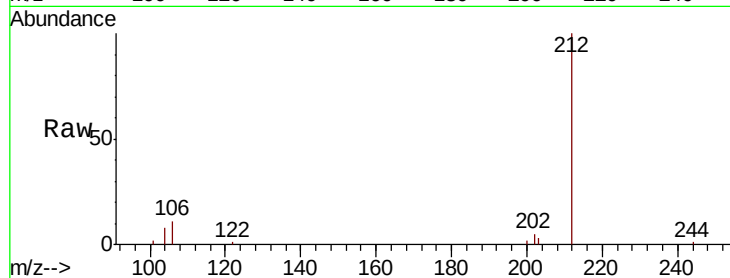
Tot Ion:212 Resp: 12621

Ion Ratio Lower Upper

212 100

106 10.5 8.9 13.3

104 7.7 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

12000

10000

8000

6000

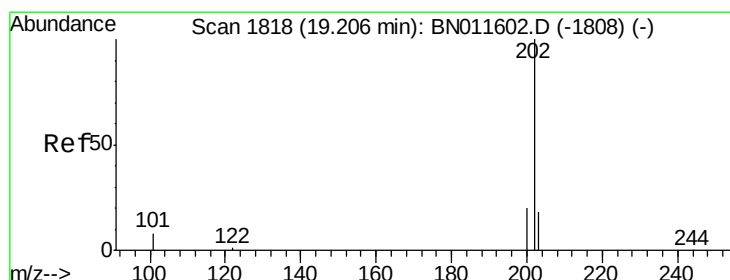
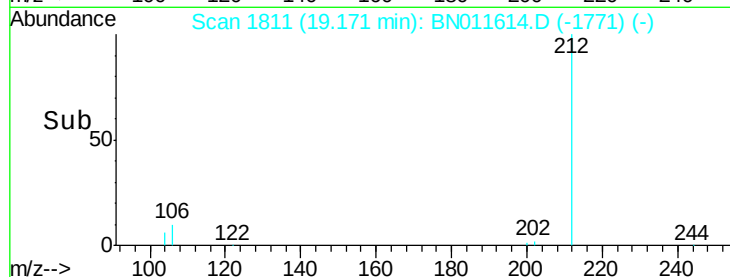
4000

2000

0

19.10 19.15 19.20 19.25

Time-->



#28

Fluoranthene

Concen: 4.620 ng

RT: 19.20 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

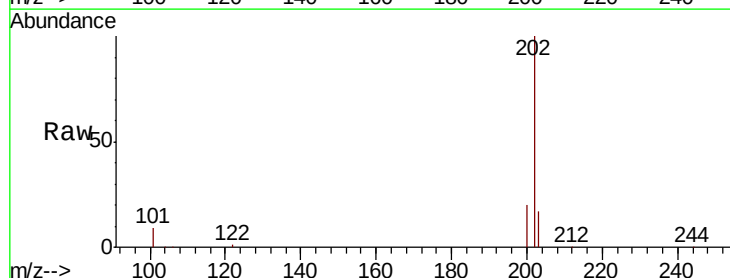
Tgt Ion:202 Resp: 279347

Ion Ratio Lower Upper

202 100

101 8.9 7.7 11.5

203 17.5 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

300000

250000

200000

150000

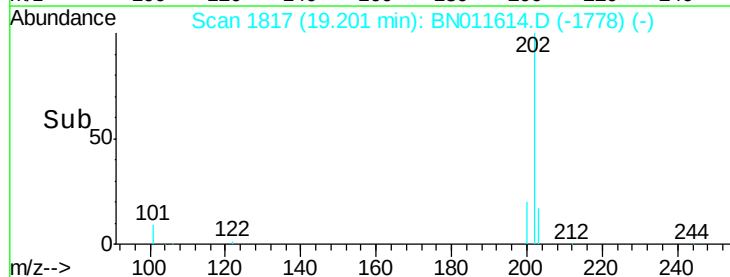
100000

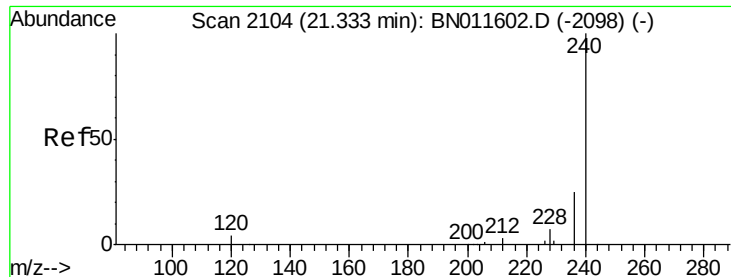
50000

0

19.15 19.20 19.25

Time-->

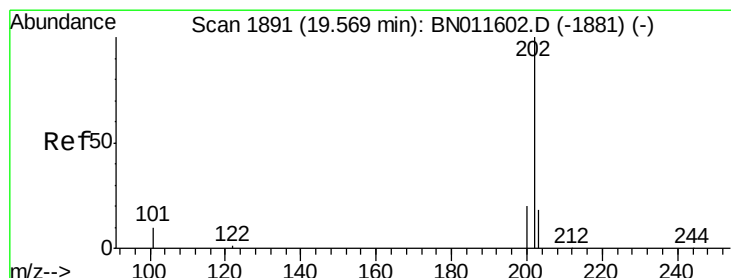
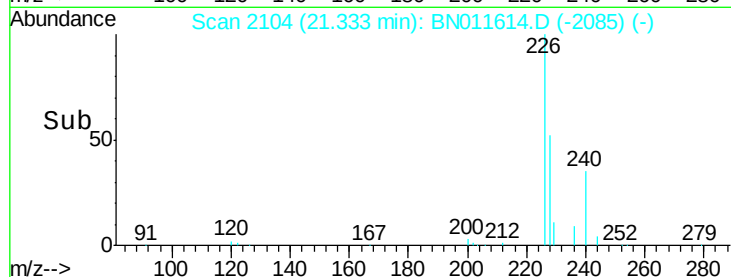
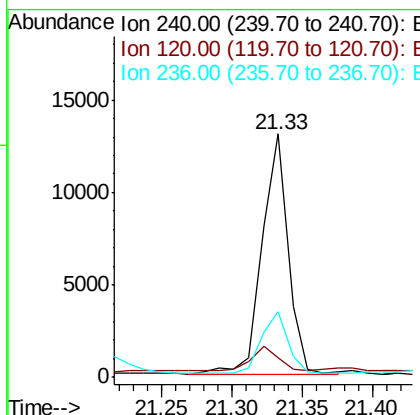
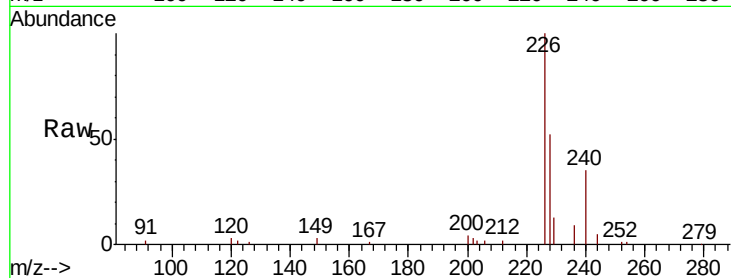




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.33 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BN011614.D
Acq: 25 Aug 2020 14:13

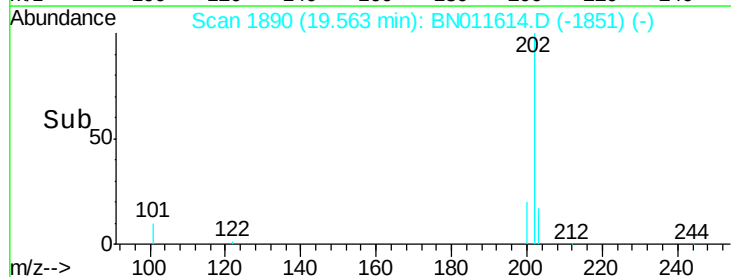
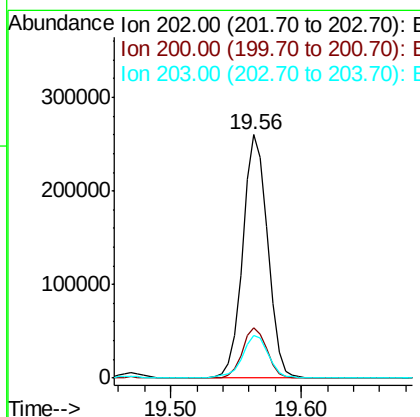
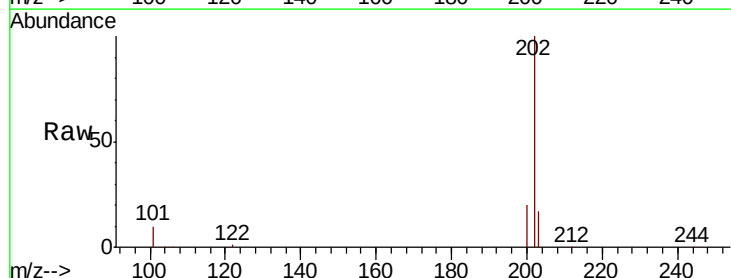
Instrument :
BNA_N
ClientSampleId :
COMP-5-(4-5)MSD

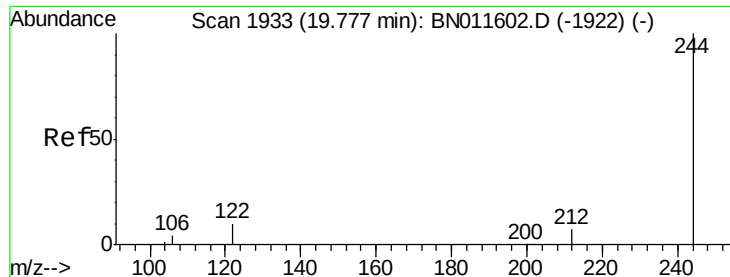
Tot Ion:240 Resp: 16927
Ion Ratio Lower Upper
240 100
120 8.0 6.0 9.0
236 27.0 20.8 31.2



#30
Pyrene
Concen: 5.772 ng
RT: 19.56 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BN011614.D
Acq: 25 Aug 2020 14:13

Tgt Ion:202 Resp: 346427
Ion Ratio Lower Upper
202 100
200 20.4 16.3 24.5
203 18.6 14.2 21.4





#31

Terphenyl-d14

Concen: 0.443 ng

RT: 19.78 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD

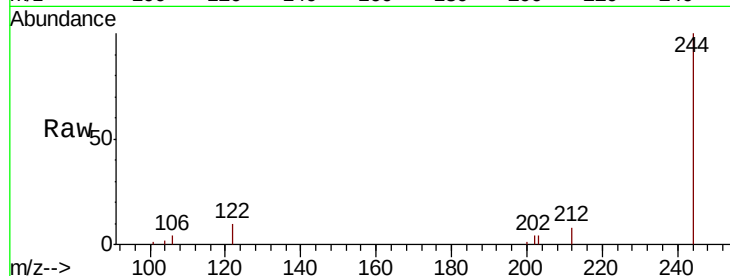
Tot Ion:244 Resp: 19173

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

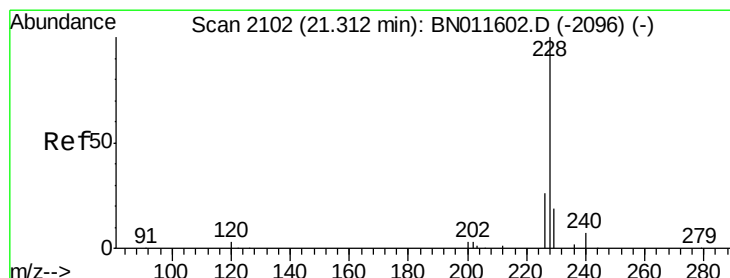
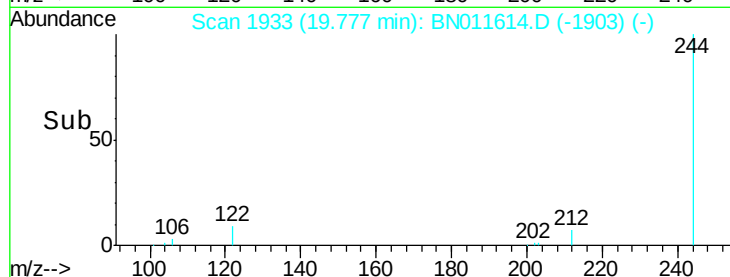
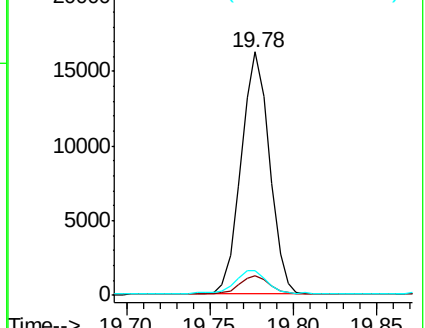
122 10.2 9.5 14.3



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: 2.930 ng

RT: 21.36 min Scan# 2107

Delta R.T. 0.05 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

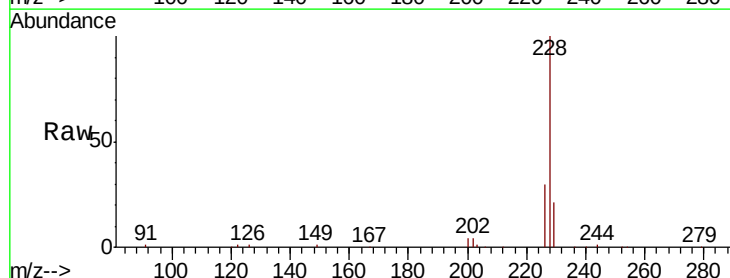
Tgt Ion:228 Resp: 178880

Ion Ratio Lower Upper

228 100

226 29.5 21.2 31.8

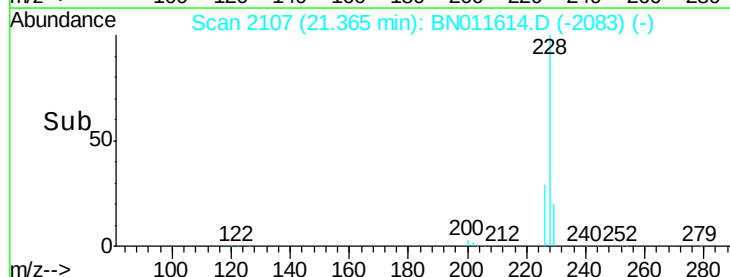
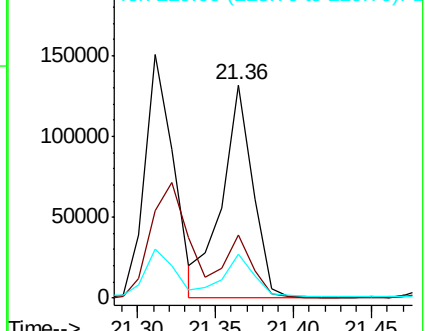
229 20.6 15.8 23.8

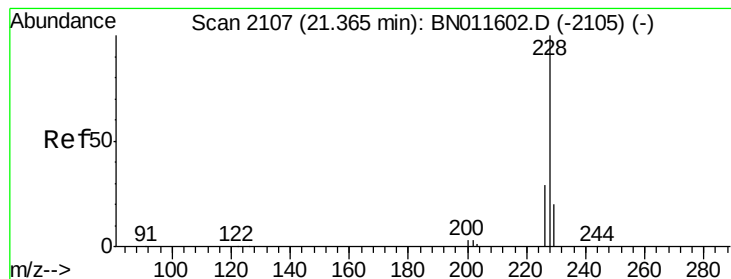


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 3.072 ng

RT: 21.36 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD

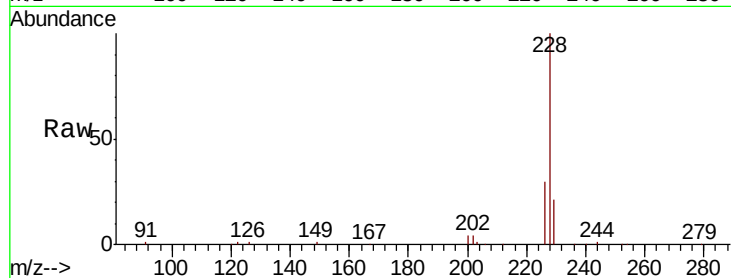
Tot Ion:228 Resp: 178773

Ion Ratio Lower Upper

228 100

226 29.5 23.6 35.4

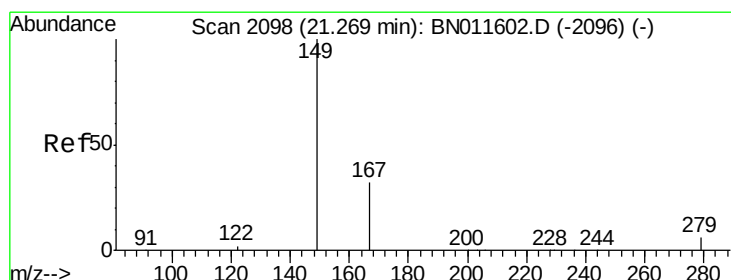
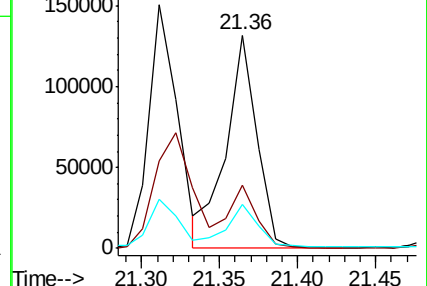
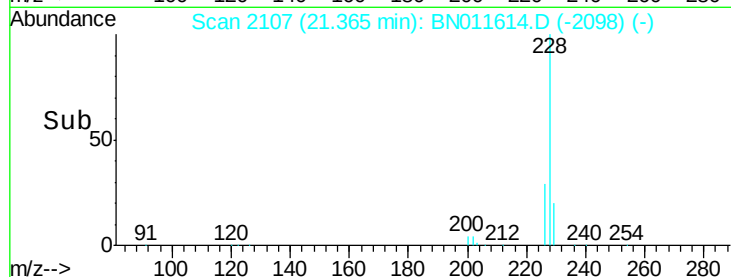
229 20.6 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.281 ng

RT: 21.27 min Scan# 2098

Delta R.T. 0.00 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

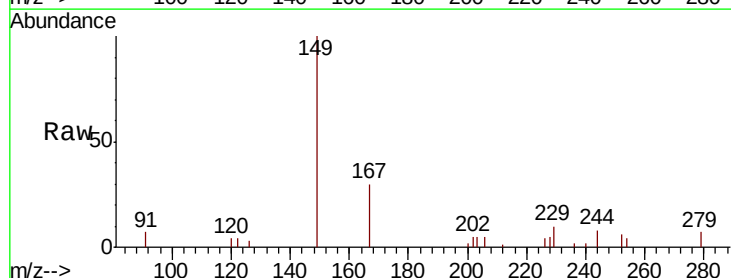
Tgt Ion:149 Resp: 12585

Ion Ratio Lower Upper

149 100

167 29.6 20.6 31.0

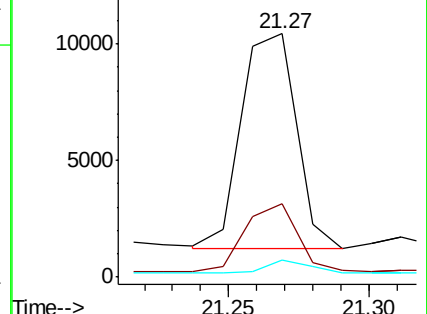
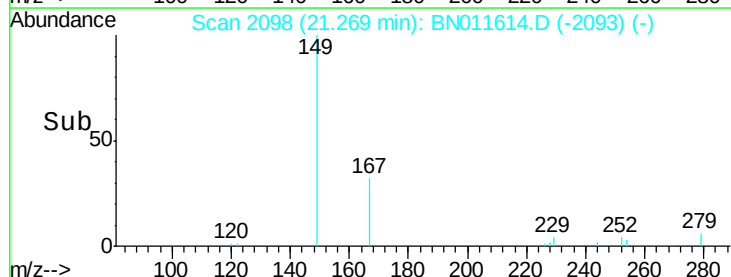
279 5.0 3.8 5.8

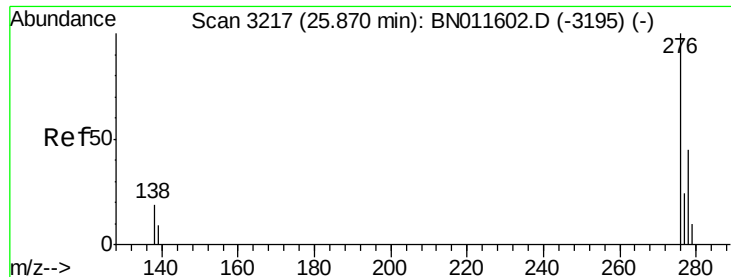


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

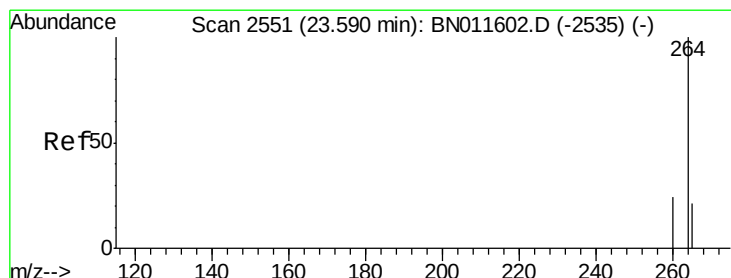
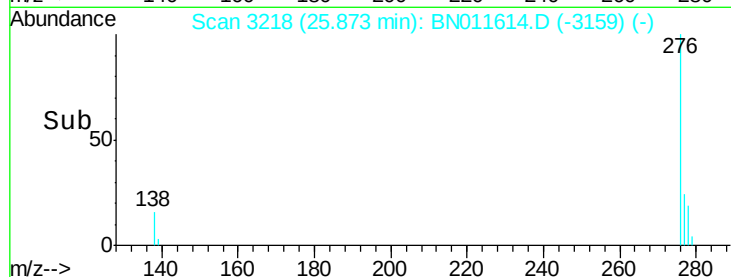
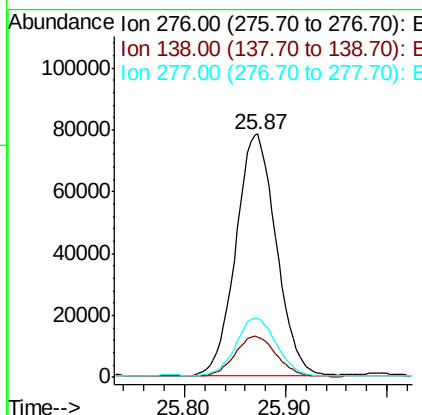
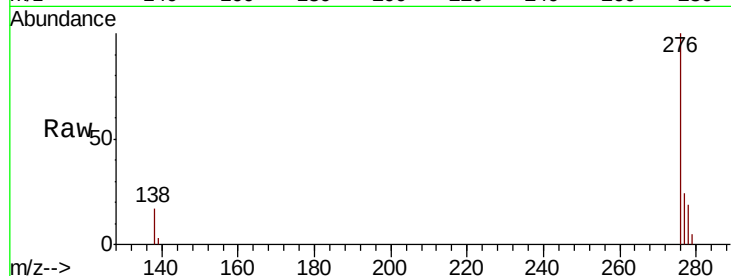




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 3.040 ng
 RT: 25.87 min Scan# 3218
 Delta R.T. 0.00 min
 Lab File: BN011614.D
 Acq: 25 Aug 2020 14:13

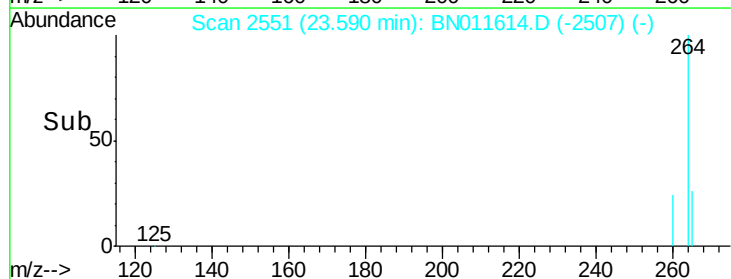
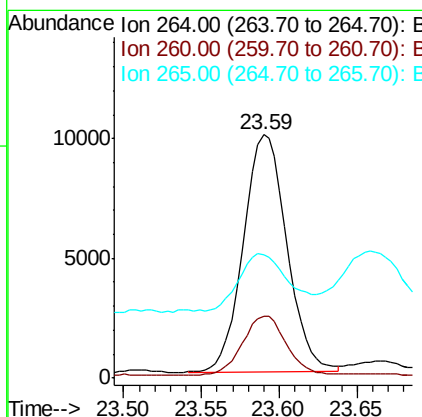
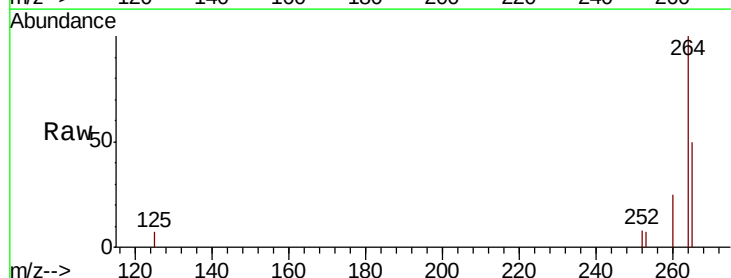
Instrument :
 BNA_N
 ClientSampleId :
 COMP-5-(4-5)MSD

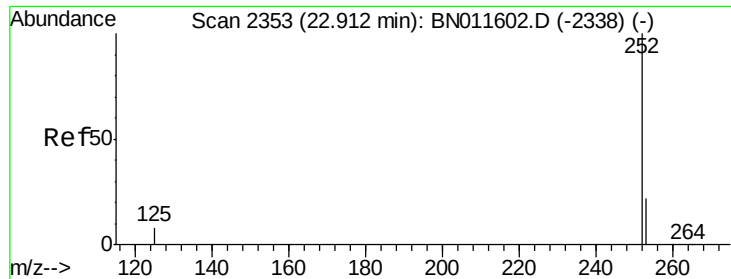
Tot Ion:276 Resp: 215952
 Ion Ratio Lower Upper
 276 100
 138 17.0 0.0 0.0#
 277 24.4 0.0 0.0#



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.59 min Scan# 2551
 Delta R.T. -0.00 min
 Lab File: BN011614.D
 Acq: 25 Aug 2020 14:13

Tgt Ion:264 Resp: 19439
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.6 29.4
 265 50.4 40.7 61.1





#37

Benzo(b)fluoranthene

Concen: 0.545 ng

RT: 23.09 min Scan# 2404

Delta R.T. 0.17 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD

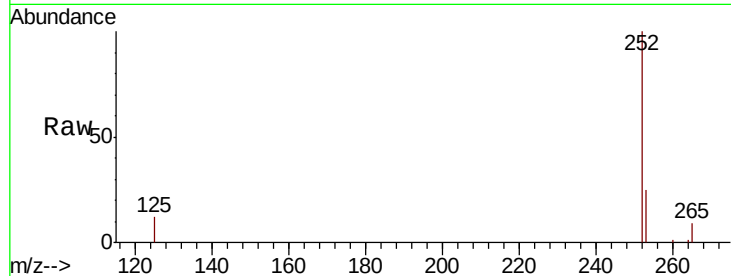
Tot Ion:252 Resp: 38396

Ion Ratio Lower Upper

252 100

253 24.5 21.0 31.6

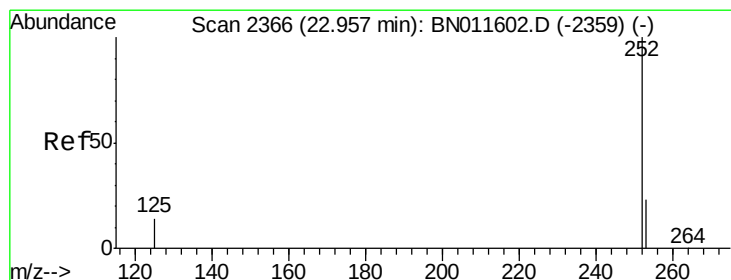
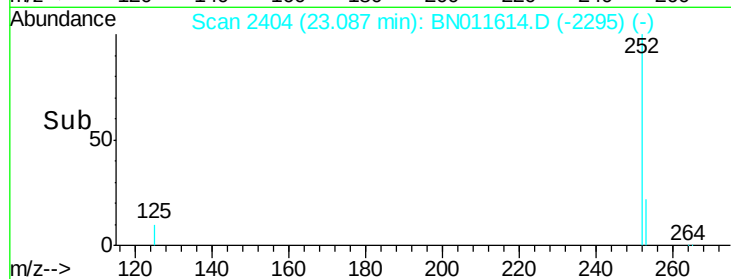
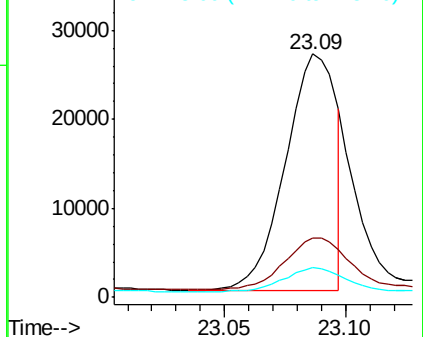
125 12.1 11.0 16.6



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: 3.858 ng

RT: 22.92 min Scan# 2354

Delta R.T. -0.04 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

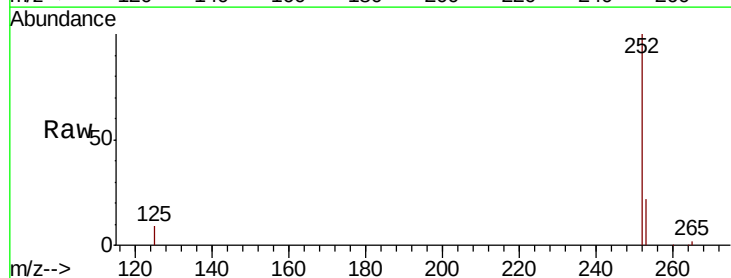
Tgt Ion:252 Resp: 270226

Ion Ratio Lower Upper

252 100

253 22.3 21.2 31.8

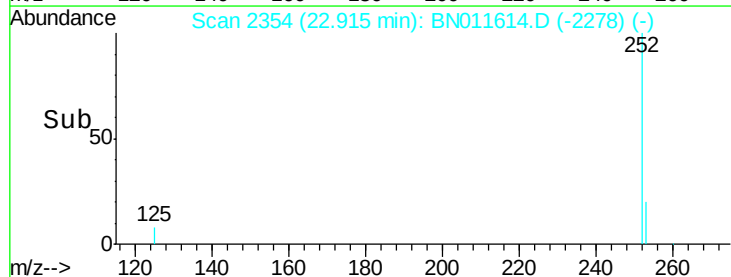
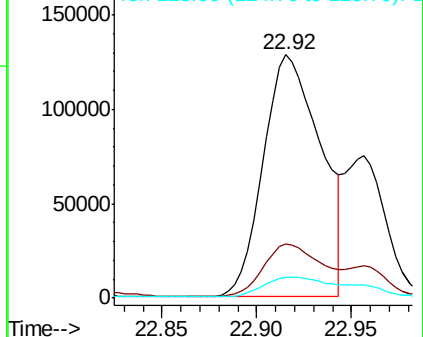
125 8.8 14.6 21.8#

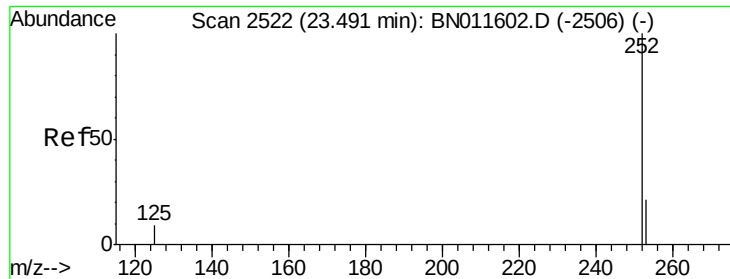


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 2.184 ng

RT: 23.40 min Scan# 2495

Delta R.T. -0.09 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD

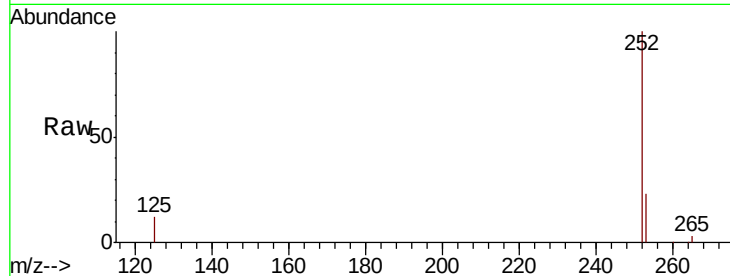
Tot Ion:252 Resp: 143374

Ion Ratio Lower Upper

252 100

253 22.7 21.2 31.8

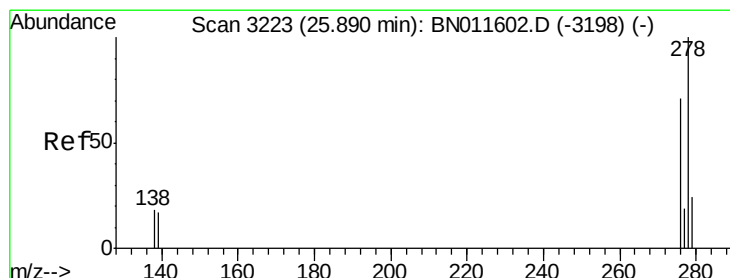
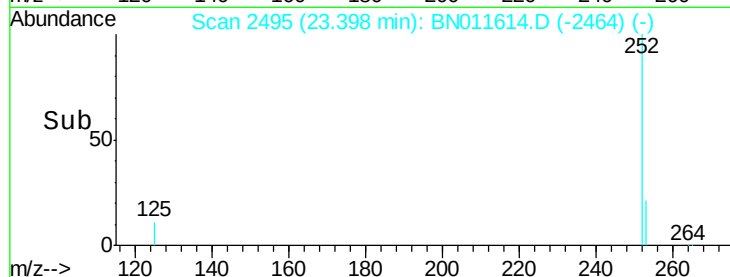
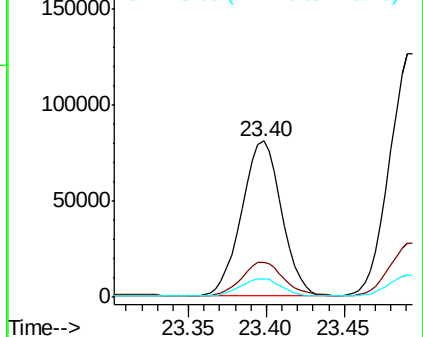
125 12.1 12.1 18.1



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: 0.800 ng

RT: 25.88 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BN011614.D

Acq: 25 Aug 2020 14:13

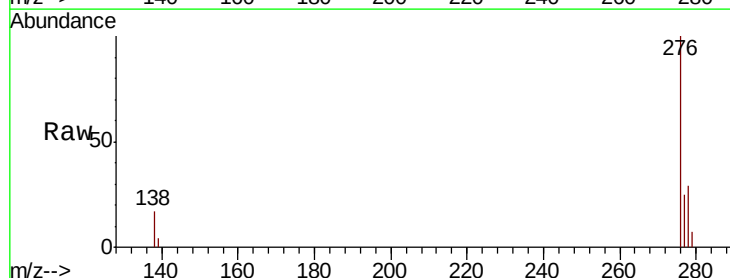
Tgt Ion:278 Resp: 54862

Ion Ratio Lower Upper

278 100

139 15.1 16.6 25.0#

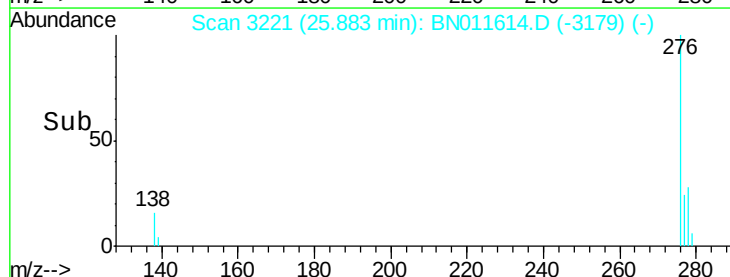
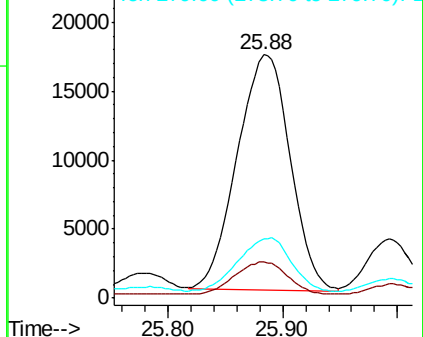
279 24.5 21.4 32.2

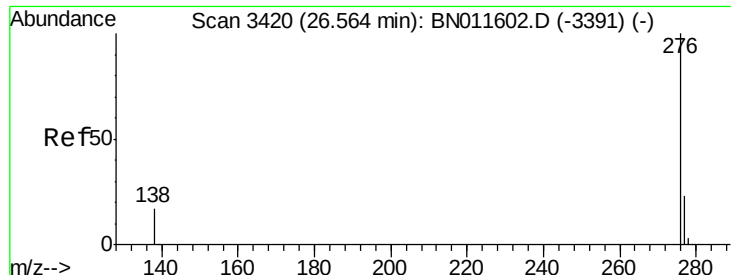


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.883 ng

RT: 26.93 min Scan# 3528

Delta R.T. 0.37 min

Lab File: BN011614.D

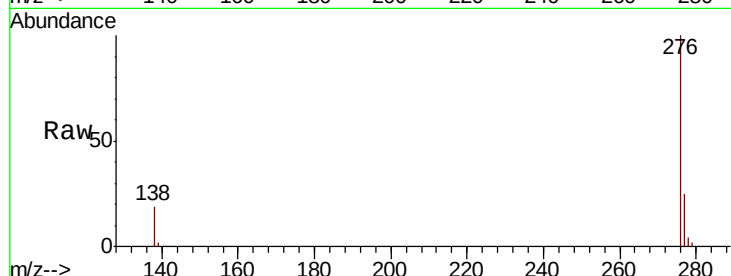
Acq: 25 Aug 2020 14:13

Instrument :

BNA_N

ClientSampleId :

COMP-5-(4-5)MSD



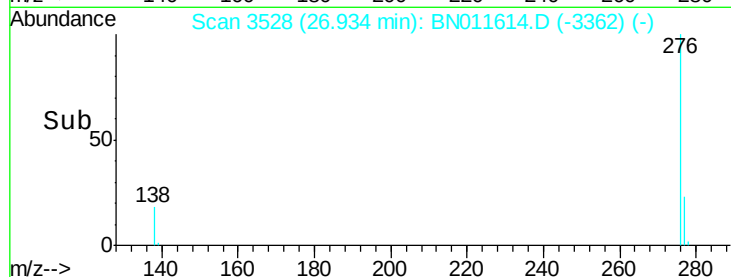
Tot Ion: 276 Resp: 58775

Ion Ratio Lower Upper

276 100

277 25.1 20.5 30.7

138 19.4 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

