

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
 Data File : BN011621.D
 Acq On : 25 Aug 2020 18:24
 Operator : CG/JU
 Sample : PB131047BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131047BSD

Quant Time: Aug 26 00:35:08 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	2162	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	8781	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	5517	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	12480	0.40	ng	0.00
29) Chrysene-d12	21.32	240	13043	0.40	ng	-0.01
36) Perylene-d12	23.59	264	13336	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	2622	0.38	ng	0.00
5) Phenol-d6	6.92	99	3620	0.37	ng	0.00
8) Nitrobenzene-d5	8.89	82	3164	0.42	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	6487	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1056	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	9011	0.42	ng	-0.01
27) Fluoranthene-d10	19.17	212	15418	0.38	ng	0.00
31) Terphenyl-d14	19.78	244	13887	0.42	ng	0.00

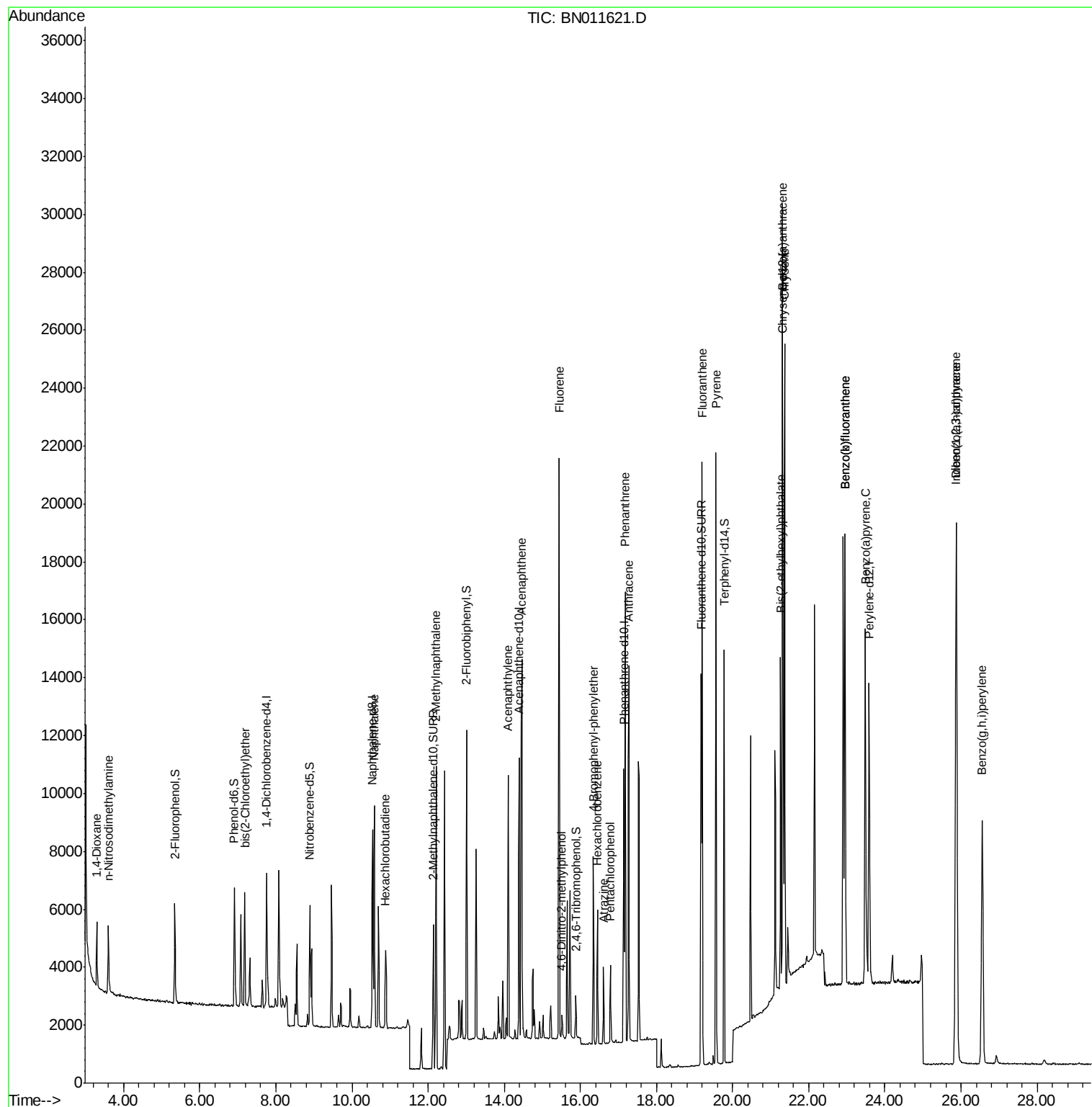
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	1388	0.414	ng	# 1
3) n-Nitrosodimethylamine	3.60	42	1628	0.461	ng	# 89
6) bis(2-Chloroethyl)ether	7.18	93	2836	0.408	ng	97
9) Naphthalene	10.59	128	9942	0.398	ng	94
10) Hexachlorobutadiene	10.88	225	2168	0.415	ng	# 99
12) 2-Methylnaphthalene	12.21	142	7239	0.393	ng	98
16) Acenaphthylene	14.10	152	10942	0.376	ng	99
17) Acenaphthene	14.46	154	7453	0.404	ng	99
18) Fluorene	15.45	166	9417	0.395	ng	98
20) 4,6-Dinitro-2-methylphenol	15.51	198	646	0.449	ng	# 43
21) 4-Bromophenyl-phenylether	16.34	248	2854	0.392	ng	# 79
22) Hexachlorobenzene	16.44	284	3412	0.405	ng	98
23) Atrazine	16.60	200	1910	0.266	ng	# 94
24) Pentachlorophenol	16.79	266	1292	0.348	ng	98
25) Phenanthrene	17.18	178	15509	0.400	ng	100
26) Anthracene	17.27	178	14179	0.371	ng	100
28) Fluoranthene	19.20	202	18288	0.389	ng	99
30) Pyrene	19.56	202	18644	0.403	ng	100
32) Benzo(a)anthracene	21.31	228	18553	0.394	ng	100
33) Chrysene	21.36	228	18483	0.412	ng	99
34) Bis(2-ethylhexyl)phthalate	21.26	149	9181	0.260	ng	94
35) Indeno(1,2,3-cd)pyrene	25.87	276	23020	0.421	ng	# 100
37) Benzo(b)fluoranthene	22.95	252	19800	0.410	ng	98
38) Benzo(k)fluoranthene	22.95	252	19800	0.412	ng	# 94
39) Benzo(a)pyrene	23.49	252	17631	0.392	ng	96
40) Dibenzo(a,h)anthracene	25.88	278	19294	0.410	ng	# 94
41) Benzo(g,h,i)perylene	26.55	276	18386	0.402	ng	96

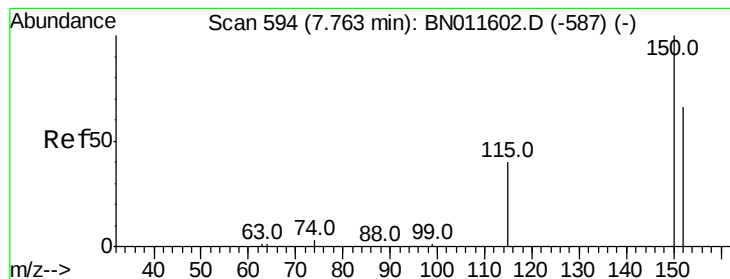
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN011621.D

Acq: 25 Aug 2020 18:24

Instrument :

BNA_N

ClientSampleId :

PB131047BSD

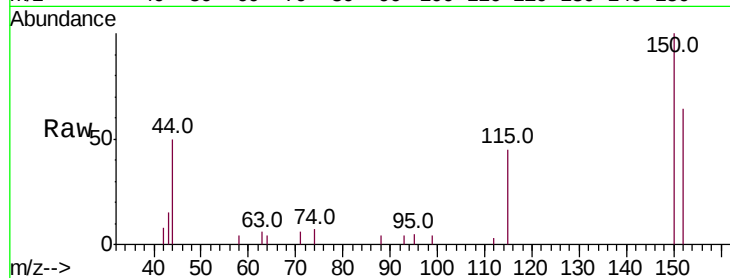
Tot Ion:152 Resp: 2162

Ion Ratio Lower Upper

152 100

150 156.0 112.4 168.6

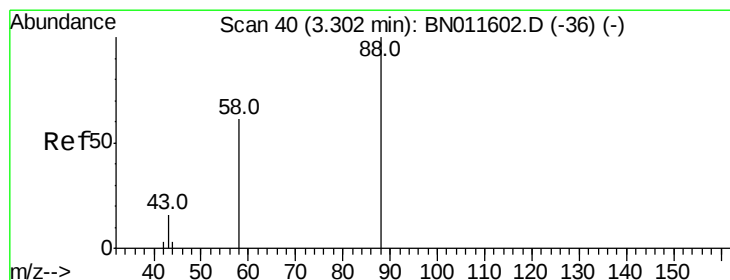
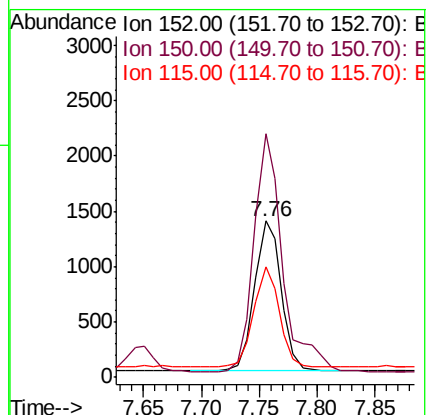
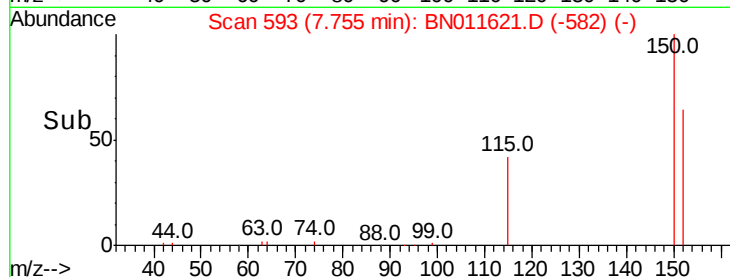
115 70.4 56.9 85.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.414 ng

RT: 3.30 min Scan# 40

Delta R.T. -0.00 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

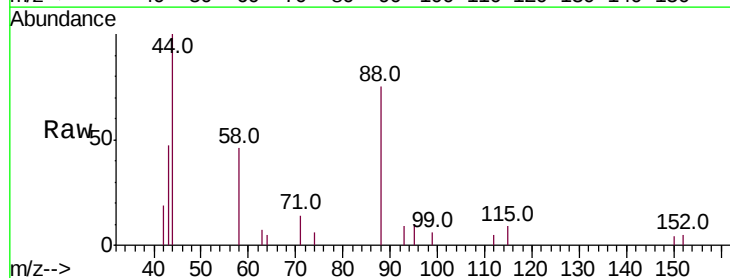
Tgt Ion: 88 Resp: 1388

Ion Ratio Lower Upper

88 100

58 72.8 3.0 4.4#

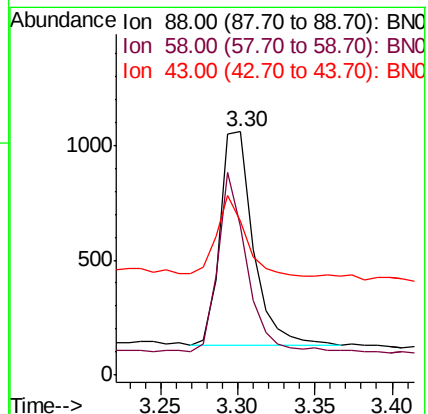
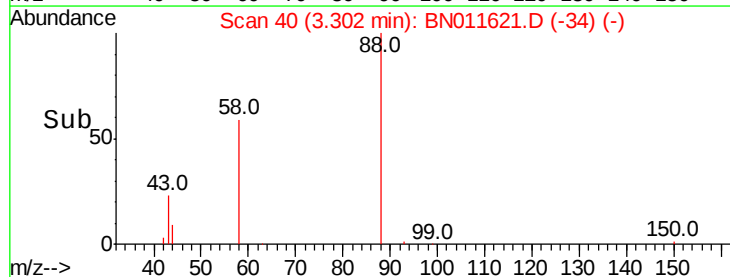
43 33.0 0.0 0.0#

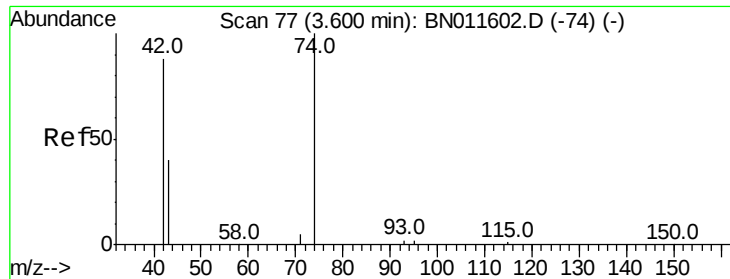


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.461 ng

RT: 3.60 min Scan# 77

Delta R.T. -0.00 min

Lab File: BN011621.D

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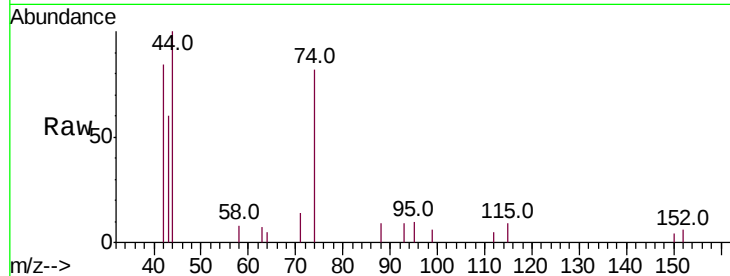
Tot Ion: 42 Resp: 1628

Ion Ratio Lower Upper

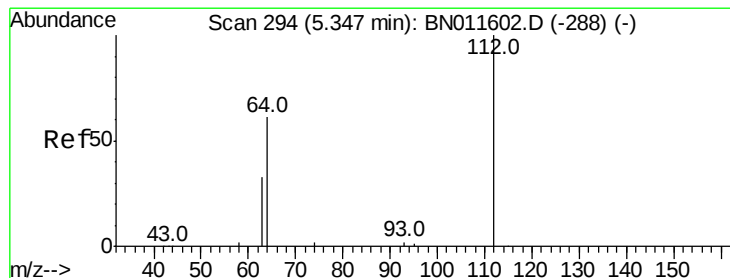
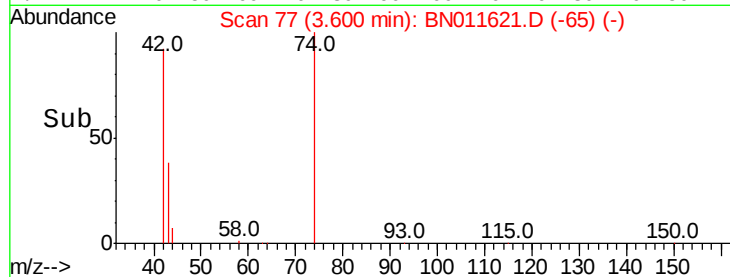
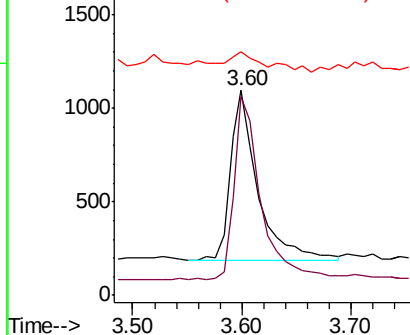
42 100

74 104.9 0.0 0.0#

44 14.4 8.2 12.4#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.379 ng

RT: 5.35 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

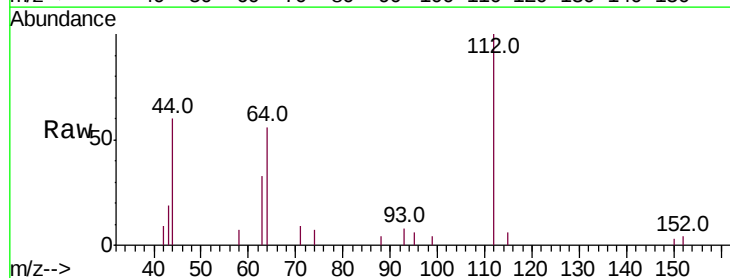
Tgt Ion: 112 Resp: 2622

Ion Ratio Lower Upper

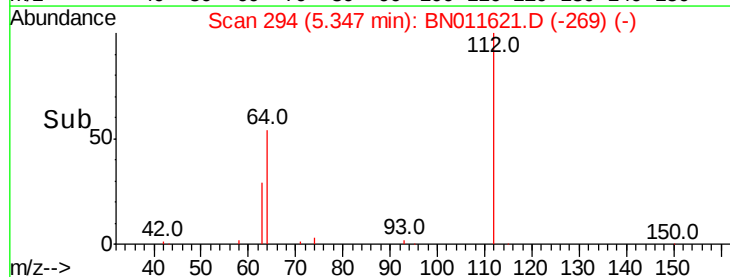
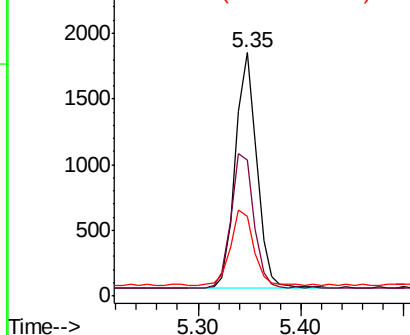
112 100

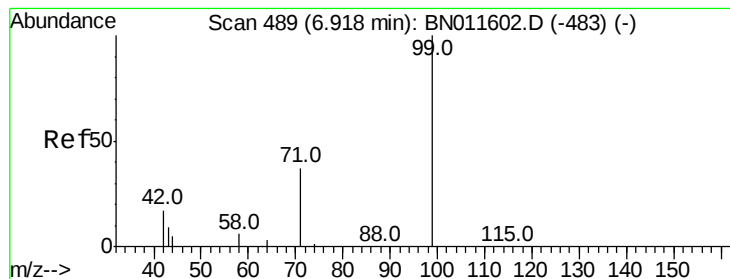
64 60.3 49.6 74.4

63 33.5 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): BNC
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.370 ng

RT: 6.92 min Scan# 489

Delta R.T. -0.00 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

Instrument :

BNA_N

ClientSampleId :

PB131047BSD

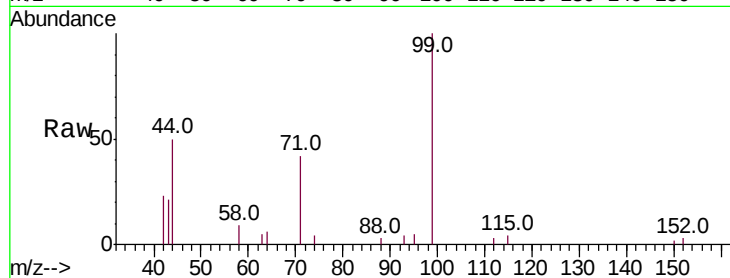
Tot Ion: 99 Resp: 3620

Ion Ratio Lower Upper

99 100

42 21.8 0.0 0.0#

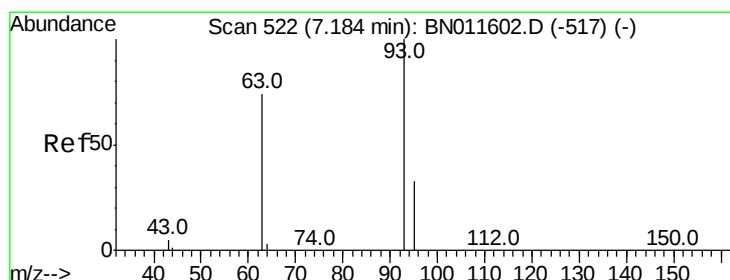
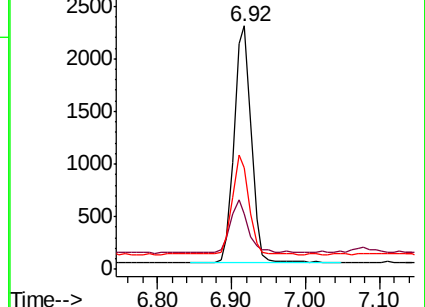
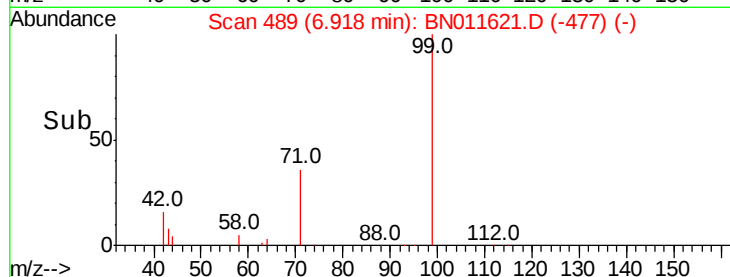
71 41.7 0.0 0.0#



Abundance Ion 99.00 (98.70 to 99.70): BN011621.D (-477) (-)

Ion 42.00 (41.70 to 42.70): BN011621.D (-477) (-)

Ion 71.00 (70.70 to 71.70): BN011621.D (-477) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.408 ng

RT: 7.18 min Scan# 522

Delta R.T. -0.00 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

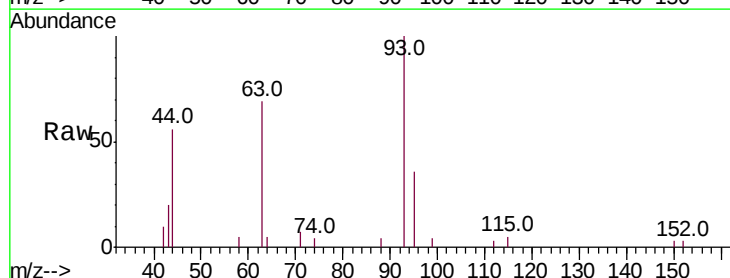
Tgt Ion: 93 Resp: 2836

Ion Ratio Lower Upper

93 100

63 73.8 57.8 86.8

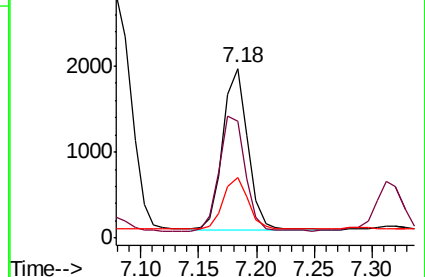
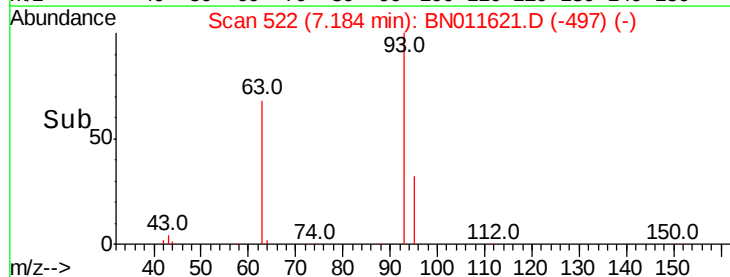
95 32.1 28.3 42.5

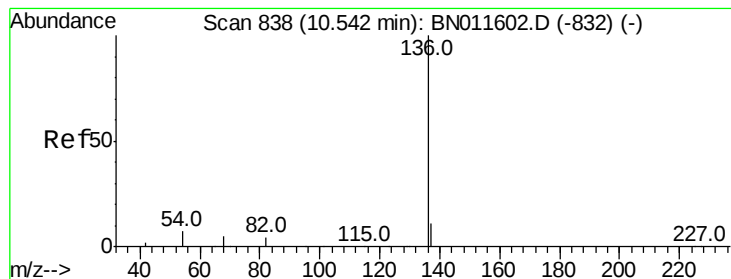


Abundance Ion 93.00 (92.70 to 93.70): BN011621.D (-497) (-)

Ion 63.00 (62.70 to 63.70): BN011621.D (-497) (-)

Ion 95.00 (94.70 to 95.70): BN011621.D (-497) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

Instrument :

BNA_N

ClientSampleId :

PB131047BSD

Tot Ion:136 Resp: 8781

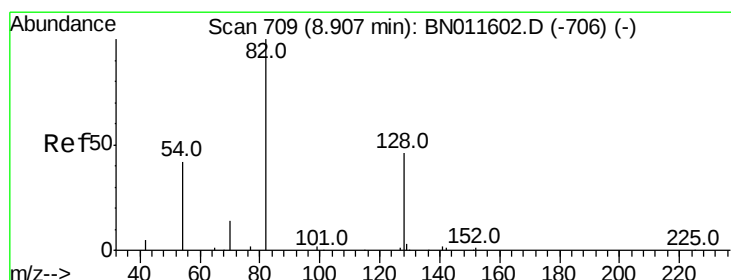
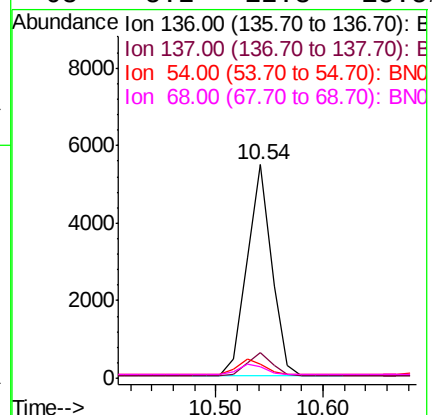
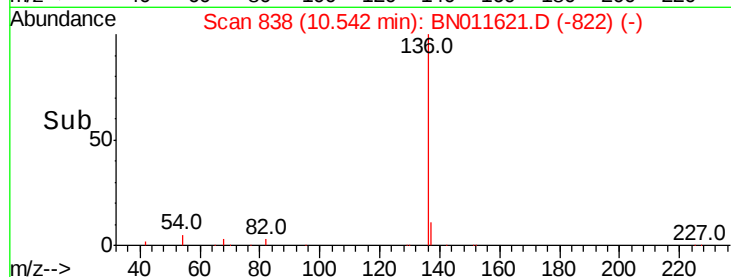
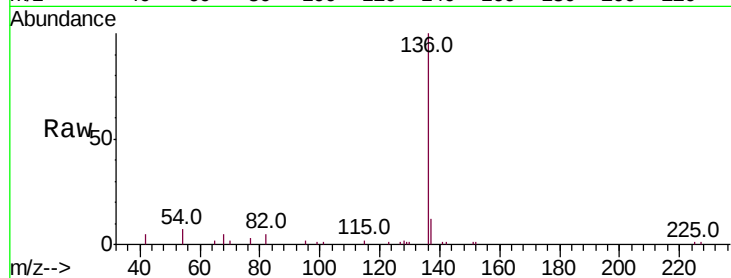
Ion Ratio Lower Upper

136 100

137 12.0 11.5 17.3

54 6.8 11.9 17.9#

68 5.2 12.3 18.5#



#8

Nitrobenzene-d5

Concen: 0.416 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

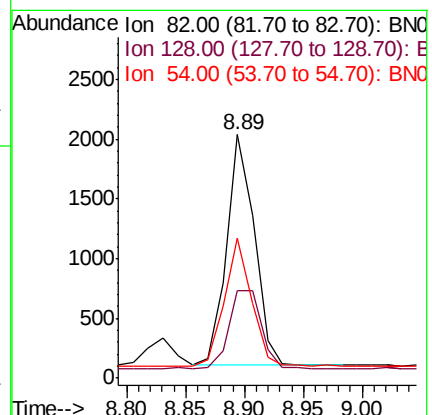
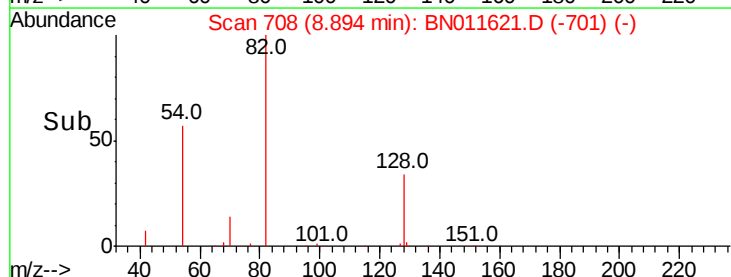
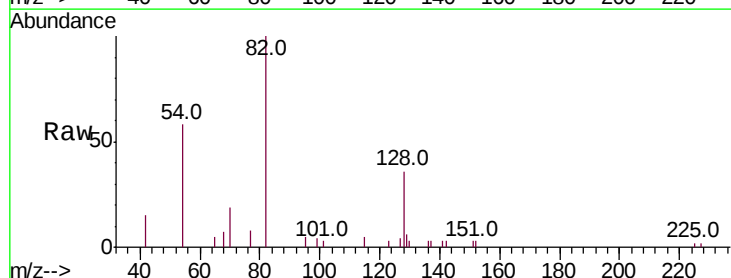
Tgt Ion: 82 Resp: 3164

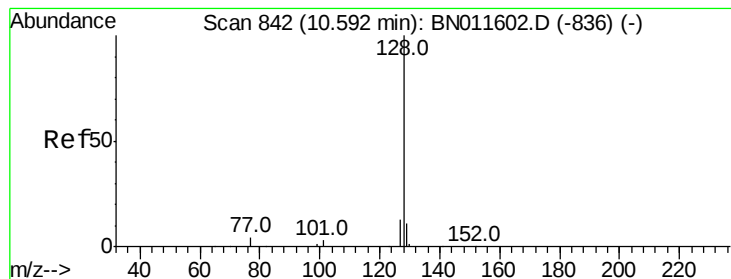
Ion Ratio Lower Upper

82 100

128 36.0 31.1 46.7

54 57.6 37.1 55.7#





#9

Naphthalene

Concen: 0.398 ng

RT: 10.59 min Scan# 842

Delta R.T. -0.00 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

Instrument :

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ClientSampleId :

PB131047BSD

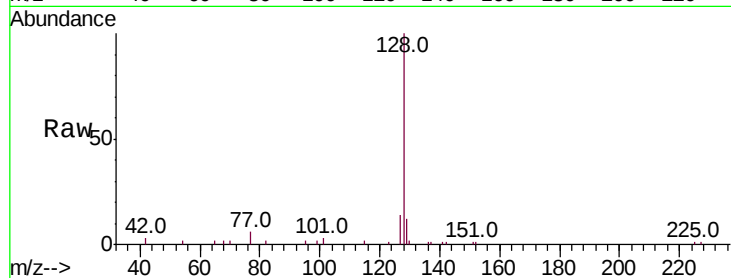
Tot Ion:128 Resp: 9942

Ion Ratio Lower Upper

128 100

129 12.1 11.0 16.4

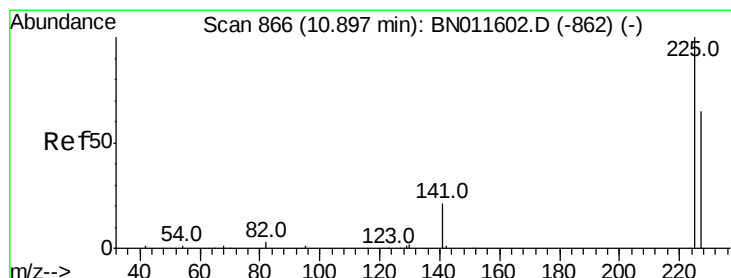
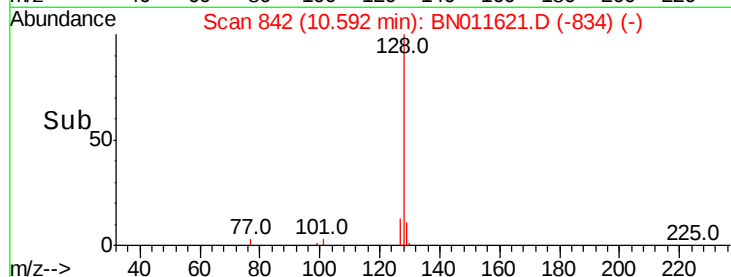
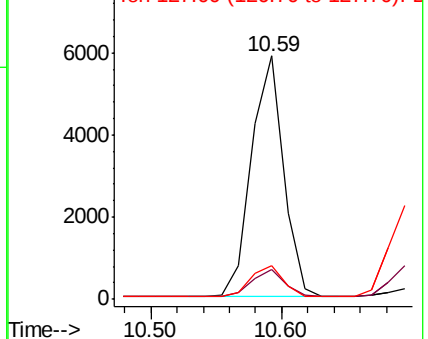
127 13.9 13.5 20.3



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: 0.415 ng

RT: 10.88 min Scan# 865

Delta R.T. -0.01 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

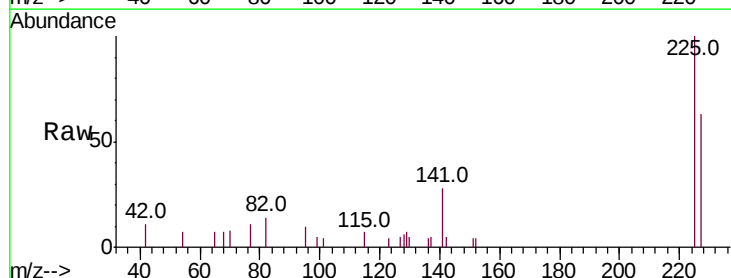
Tgt Ion:225 Resp: 2168

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

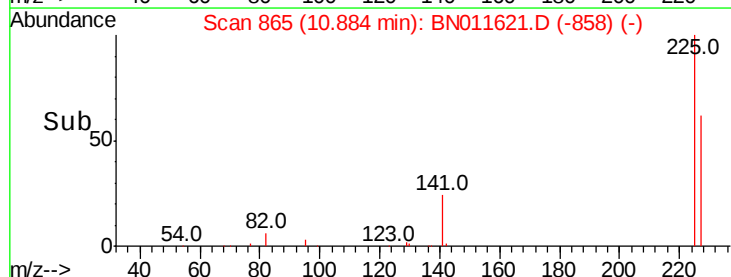
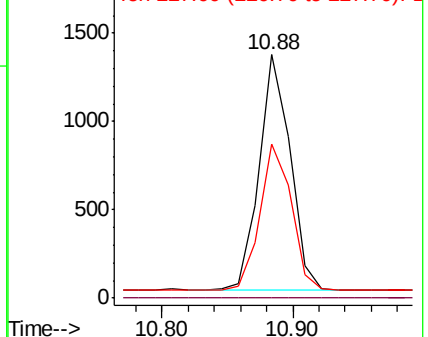
227 63.1 50.2 75.2

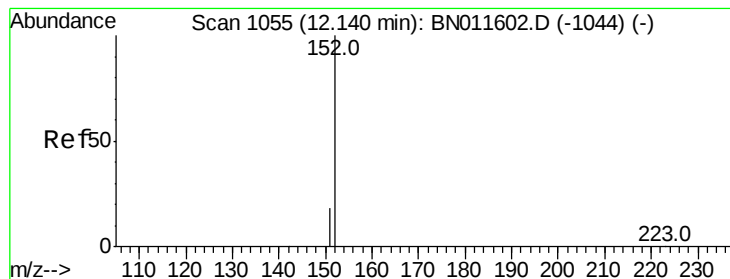


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.390 ng

RT: 12.14 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

Instrument :

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ClientSampleId :

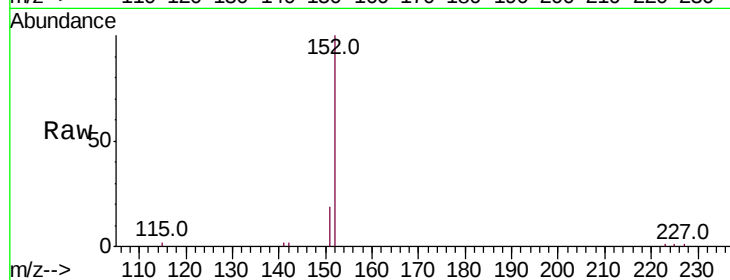
PB131047BSD

Tot Ion:152 Resp: 6487

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.14

4000

3000

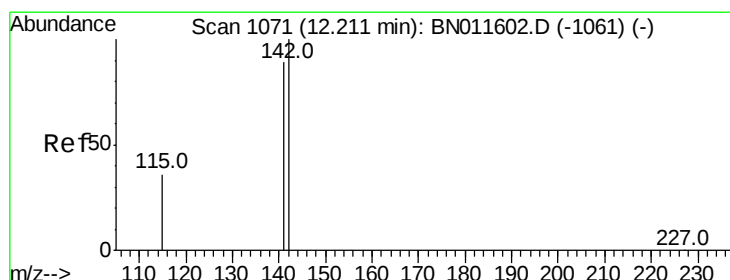
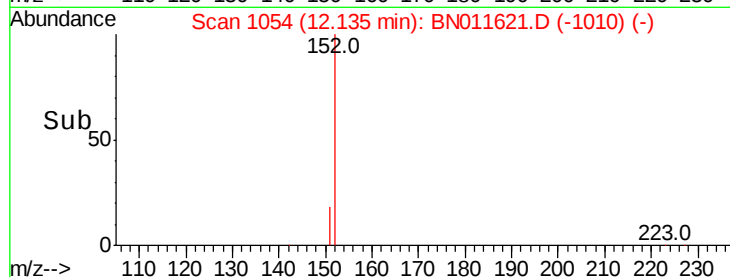
2000

1000

0

Time-->

12.05 12.10 12.15 12.20



#12

2-Methylnaphthalene

Concen: 0.393 ng

RT: 12.21 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

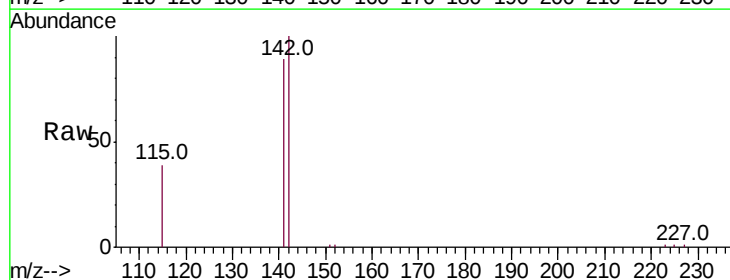
Tgt Ion:142 Resp: 7239

Ion Ratio Lower Upper

142 100

141 89.5 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

6000

5000

4000

3000

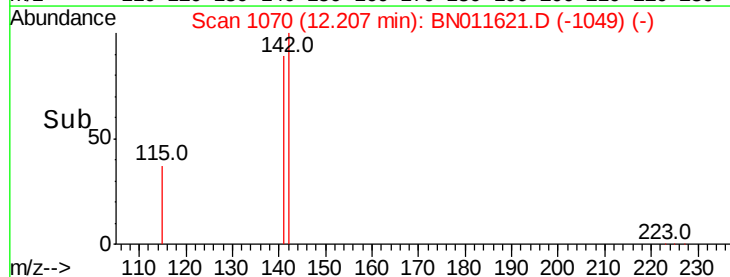
2000

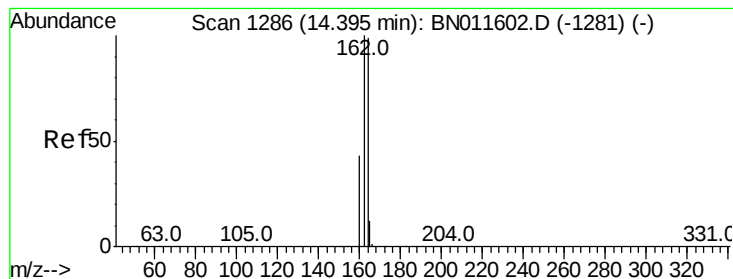
1000

0

Time-->

12.10 12.20 12.30





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.39 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

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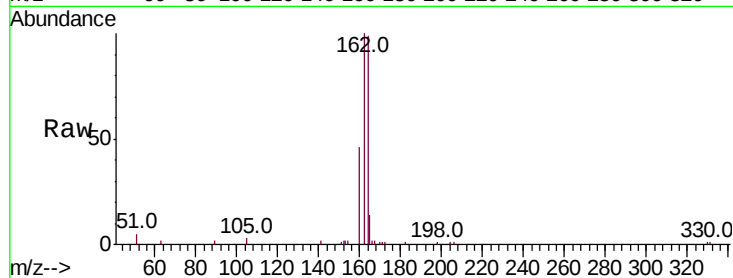
Tot Ion:164 Resp: 5517

Ion Ratio Lower Upper

164 100

162 100.9 80.8 121.2

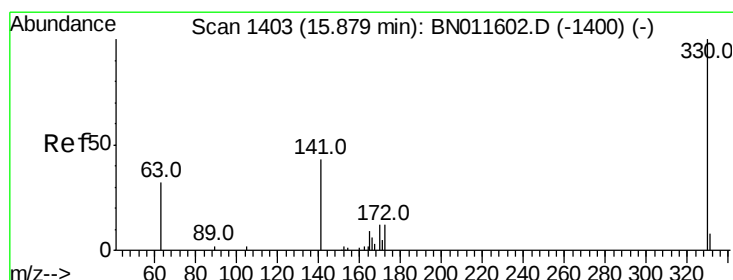
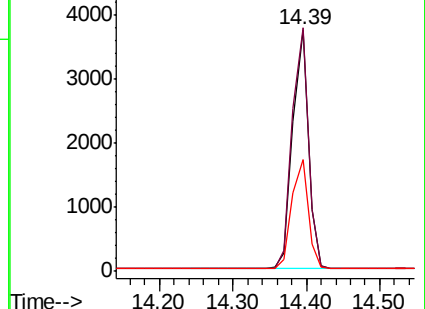
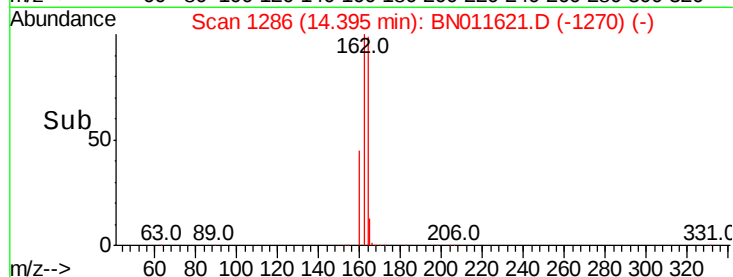
160 46.1 35.6 53.4



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: 0.348 ng

RT: 15.88 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

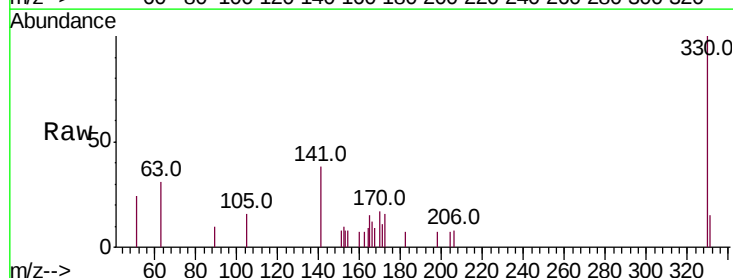
Tgt Ion:330 Resp: 1056

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

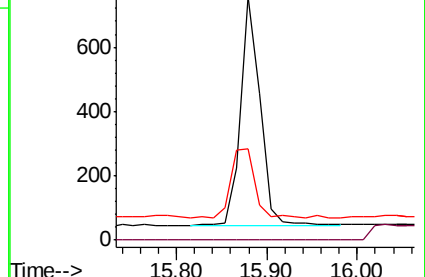
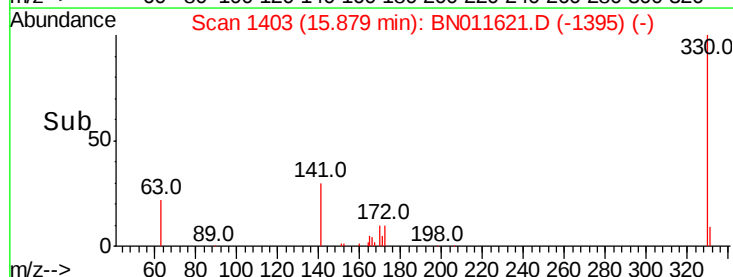
141 37.5 29.4 44.2

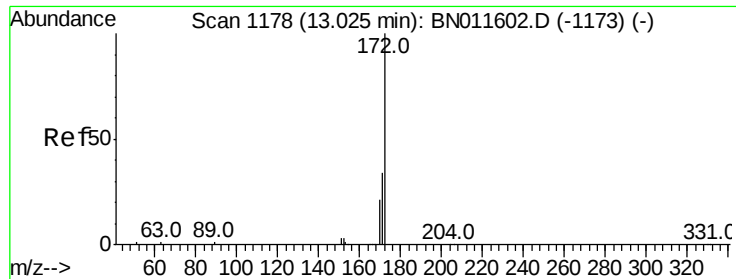


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

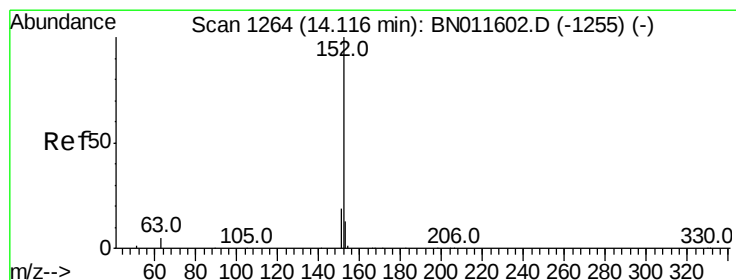
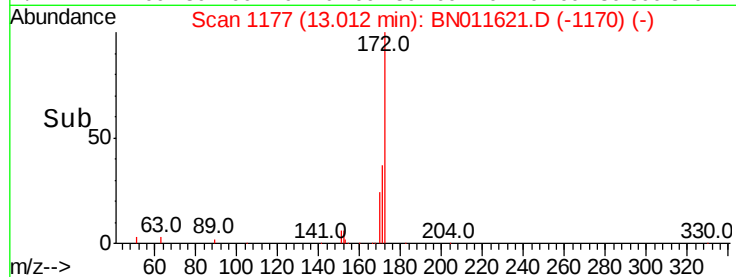
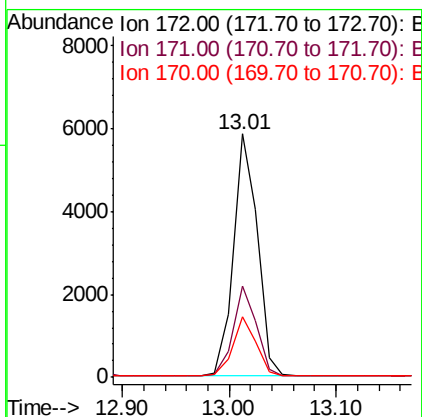
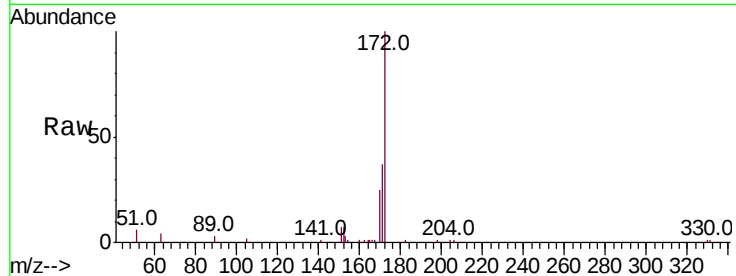




#15
2-Fluorobiphenyl
Concen: 0.420 ng
RT: 13.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN011621.D
Acq: 25 Aug 2020 18:24

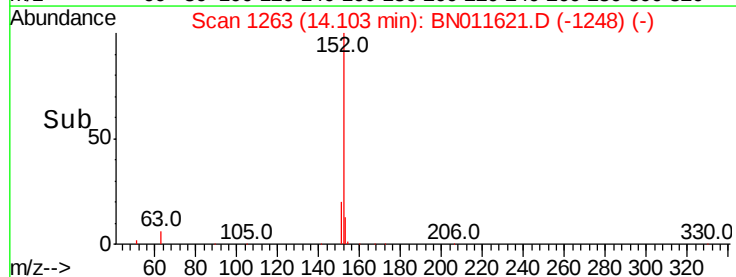
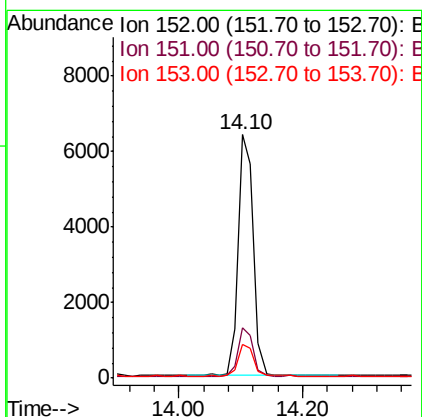
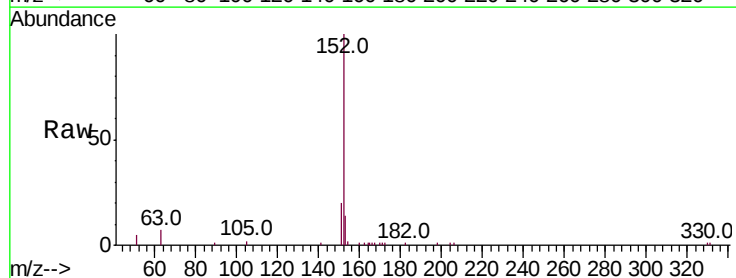
Instrument :
BNA_N
ClientSampleId :
PB131047BSD

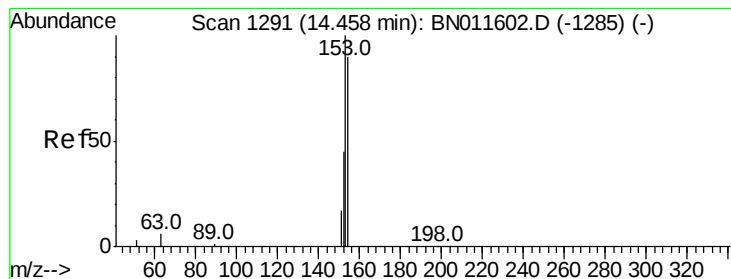
Tot Ion:172 Resp: 9011
Ion Ratio Lower Upper
172 100
171 37.3 28.6 42.8
170 24.9 18.2 27.2



#16
Acenaphthylene
Concen: 0.376 ng
RT: 14.10 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BN011621.D
Acq: 25 Aug 2020 18:24

Tgt Ion:152 Resp: 10942
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.2
153 13.3 11.0 16.4





#17

Acenaphthene

Concen: 0.404 ng

RT: 14.46 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

Instrument :

BNA_N

ClientSampleId :

PB131047BSD

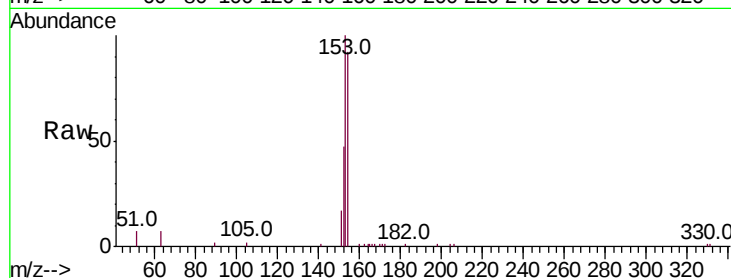
Tot Ion:154 Resp: 7453

Ion Ratio Lower Upper

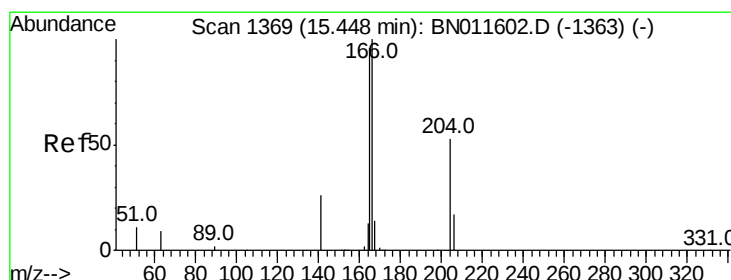
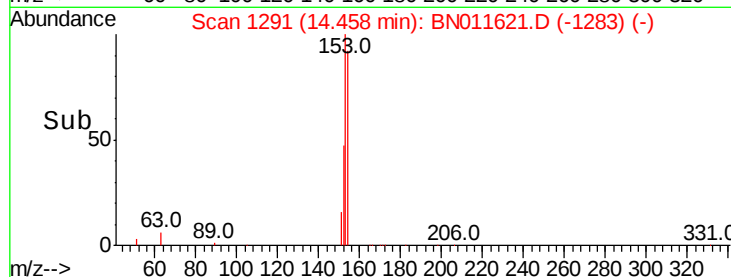
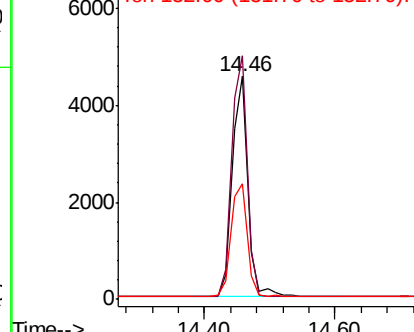
154 100

153 108.2 86.6 130.0

152 53.0 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: 0.395 ng

RT: 15.45 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

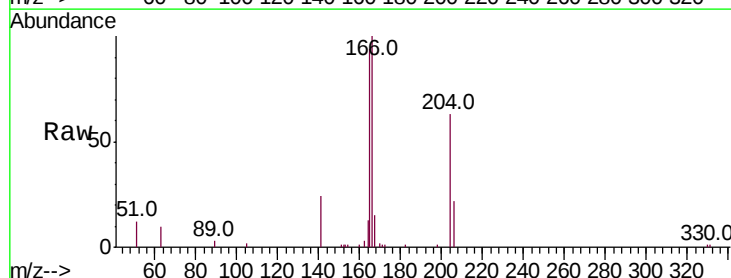
Tgt Ion:166 Resp: 9417

Ion Ratio Lower Upper

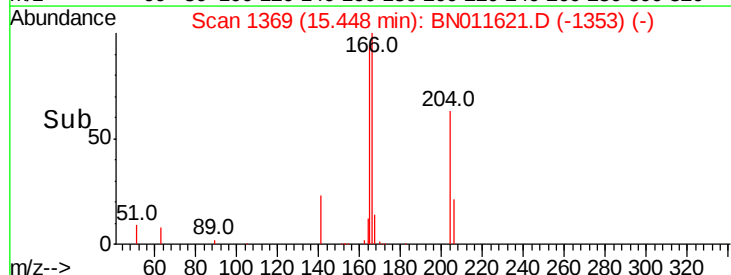
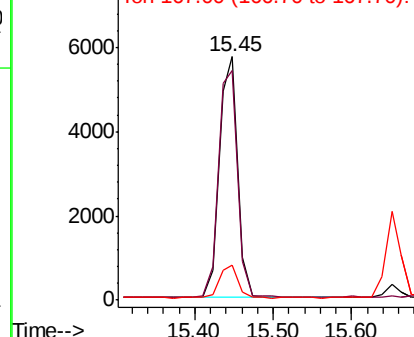
166 100

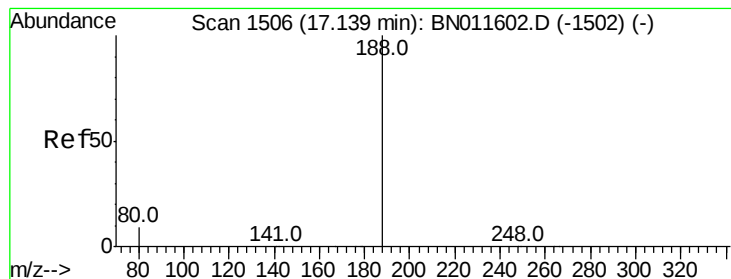
165 98.9 77.4 116.2

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: 17.14 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

Instrument :

BNA_N

ClientSampleId :

PB131047BSD

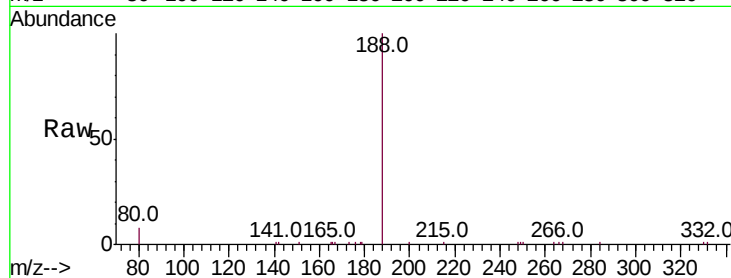
Tot Ion:188 Resp: 12480

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

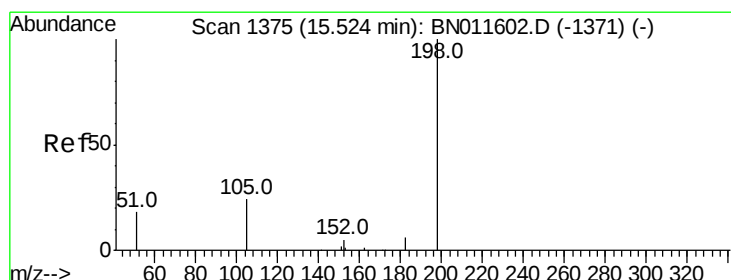
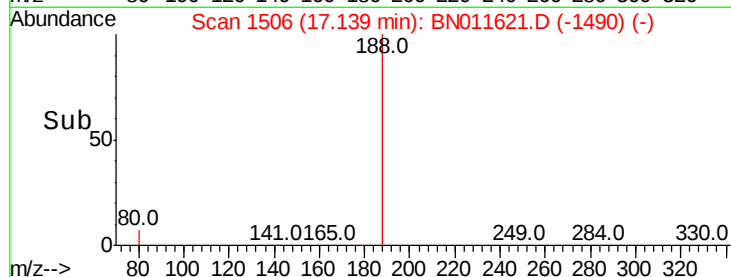
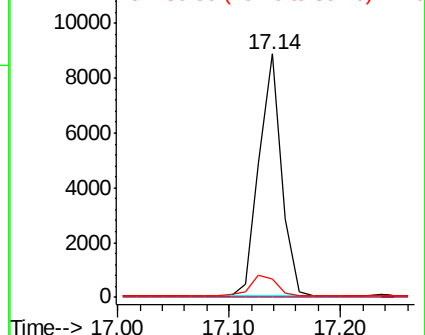
80 7.5 9.2 13.8#



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: 0.449 ng

RT: 15.51 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

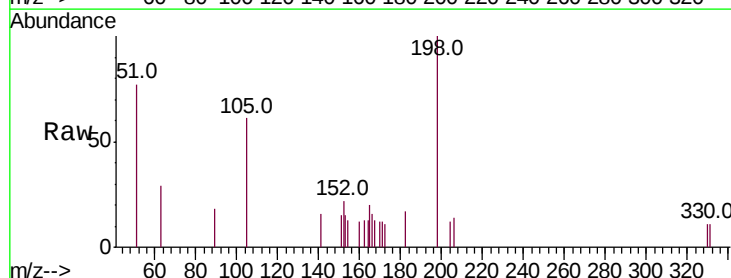
Tgt Ion:198 Resp: 646

Ion Ratio Lower Upper

198 100

51 76.7 99.6 149.4#

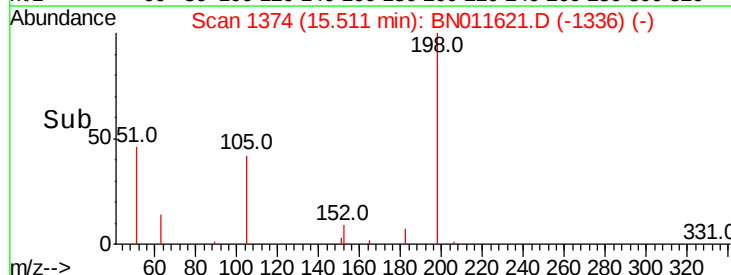
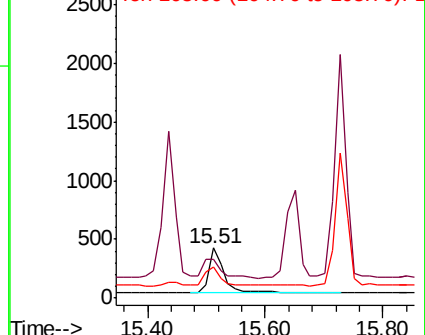
105 61.4 118.8 178.2#

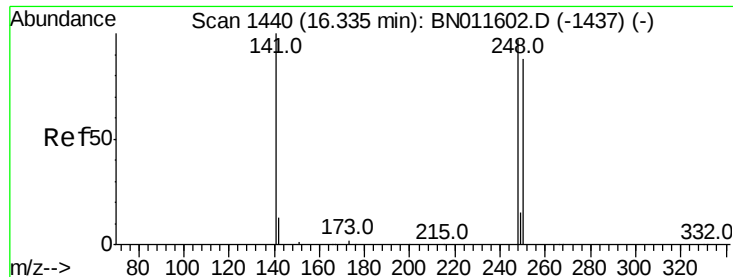


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

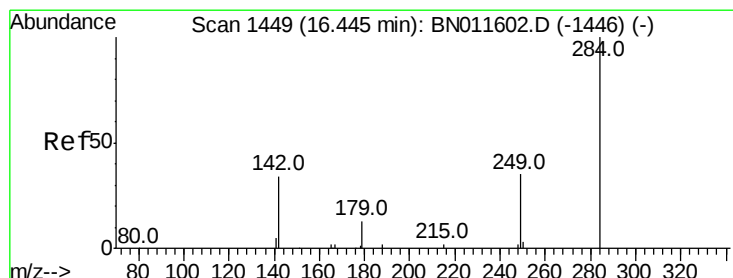
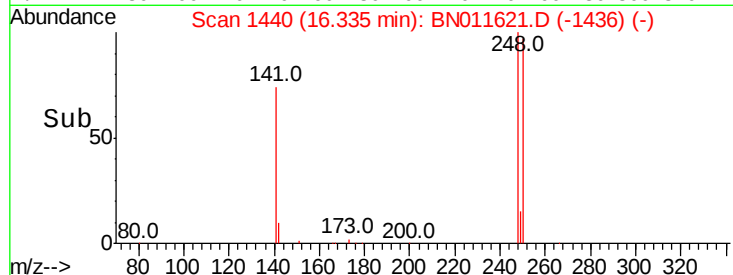
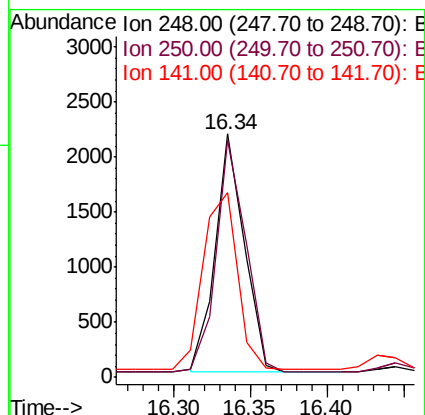
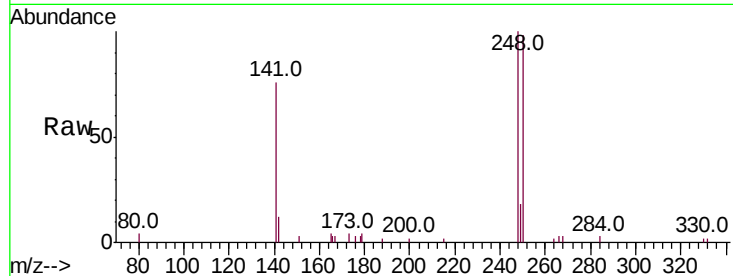




#21
4-Bromophenyl-phenylether
Concen: 0.392 ng
RT: 16.34 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BN011621.D
Acq: 25 Aug 2020 18:24

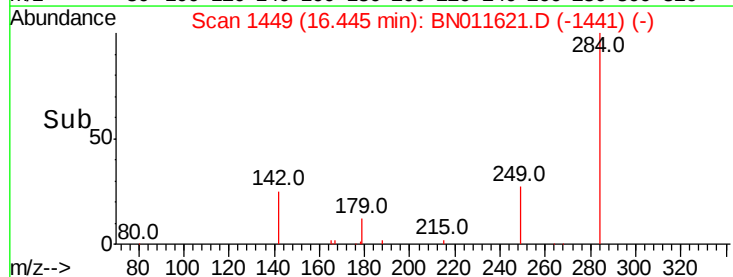
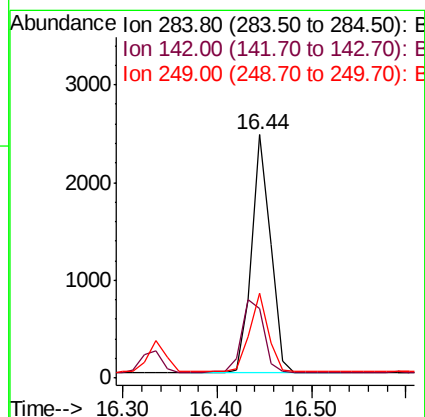
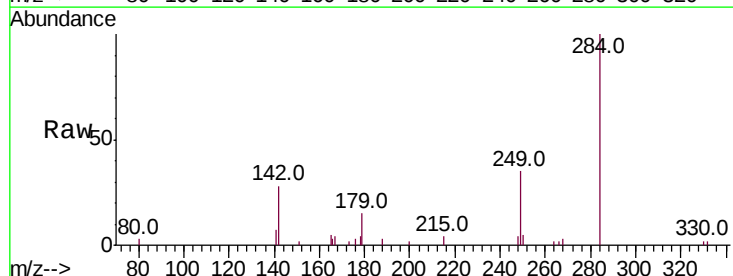
Instrument :
BNA_N
ClientSampleId :
PB131047BSD

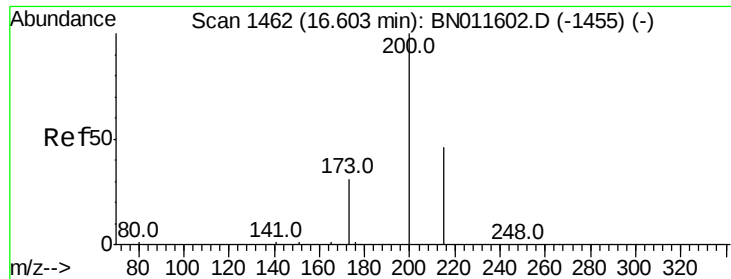
Tot Ion:248 Resp: 2854
Ion Ratio Lower Upper
248 100
250 97.7 73.4 110.2
141 76.0 88.5 132.7#



#22
Hexachlorobenzene
Concen: 0.405 ng
RT: 16.44 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BN011621.D
Acq: 25 Aug 2020 18:24

Tgt Ion:284 Resp: 3412
Ion Ratio Lower Upper
284 100
142 35.0 27.3 40.9
249 32.4 25.2 37.8

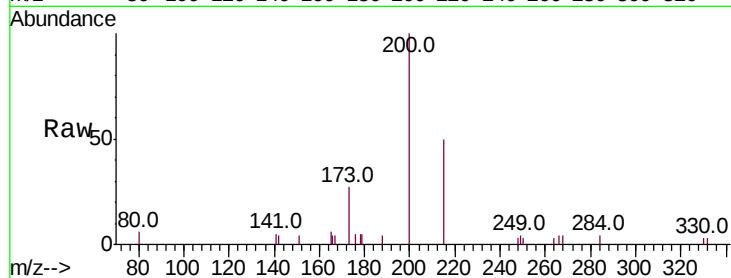




#23
Atrazine
Concen: 0.266 ng
RT: 16.60 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BN011621.D
Acq: 25 Aug 2020 18:24

Instrument :
BNA_N
ClientSampleId :
PB131047BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	28.2	42.4#
215	49.8	39.8	59.6

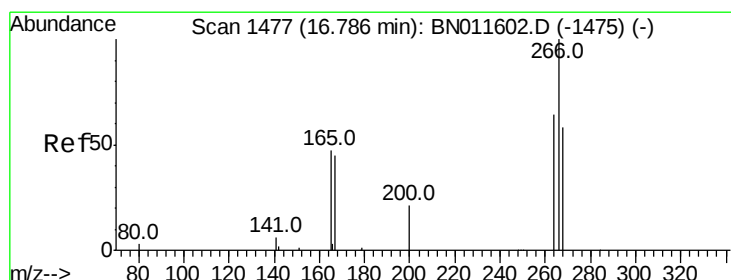
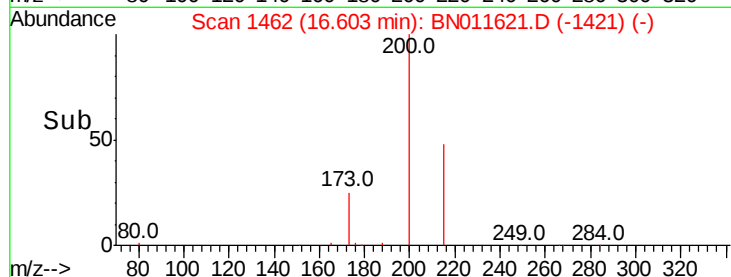
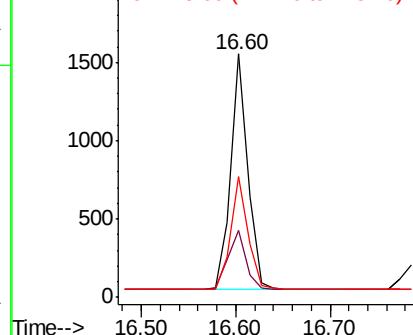


Abundance

Ion 200.00 (199.70 to 200.70): E

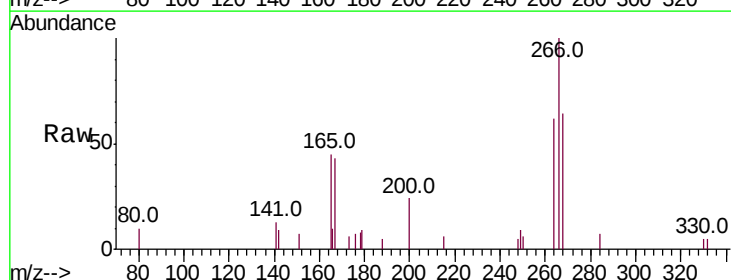
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#24
Pentachlorophenol
Concen: 0.348 ng
RT: 16.79 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BN011621.D
Acq: 25 Aug 2020 18:24

Tgt Ion	Ratio	Lower	Upper
266	100		
264	59.2	48.1	72.1
268	63.2	48.4	72.6

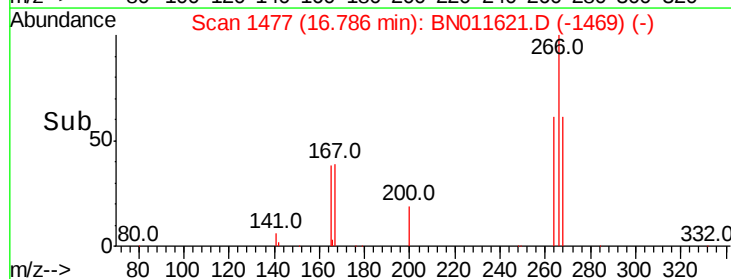
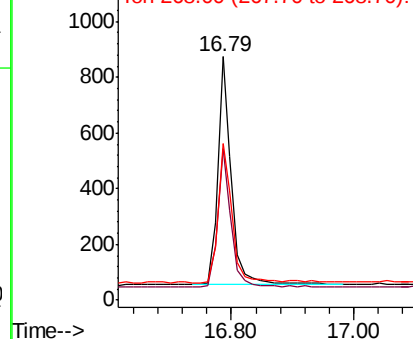


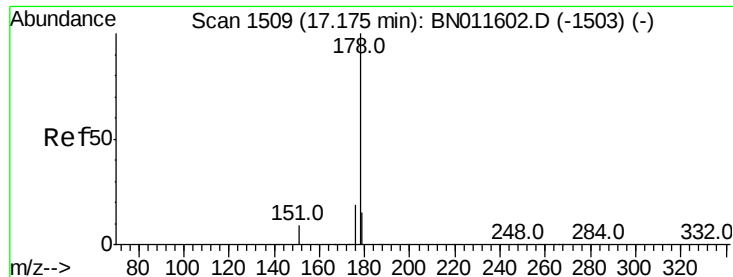
Abundance

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: 0.400 ng

RT: 17.18 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

Instrument :

BNA_N

ClientSampleId :

PB131047BSD

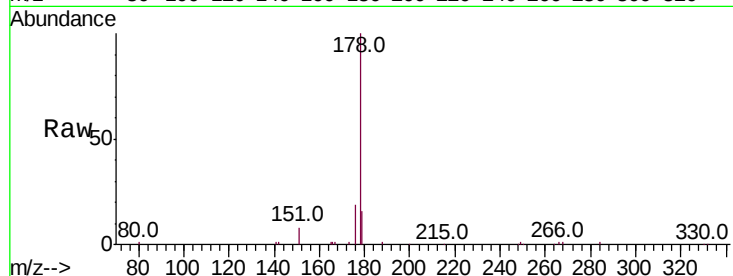
Tot Ion:178 Resp: 15509

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

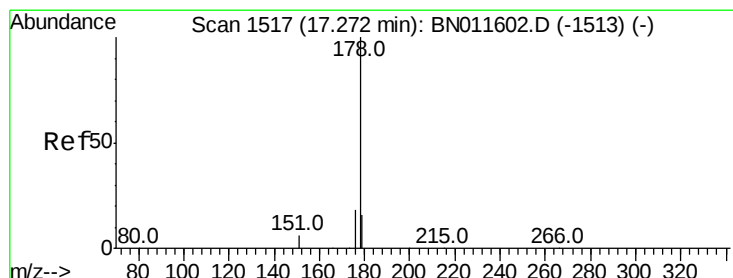
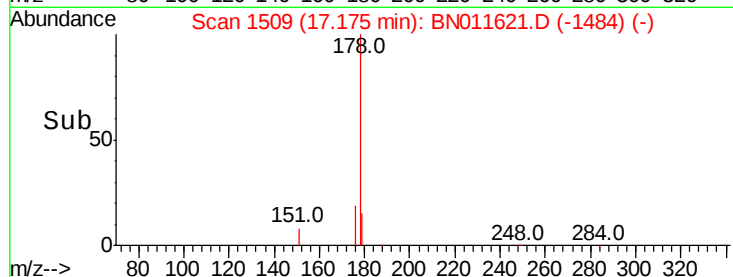
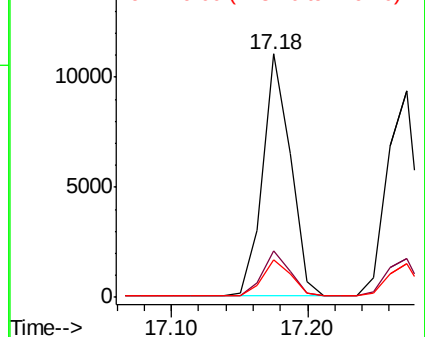
179 15.4 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#26

Anthracene

Concen: 0.371 ng

RT: 17.27 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

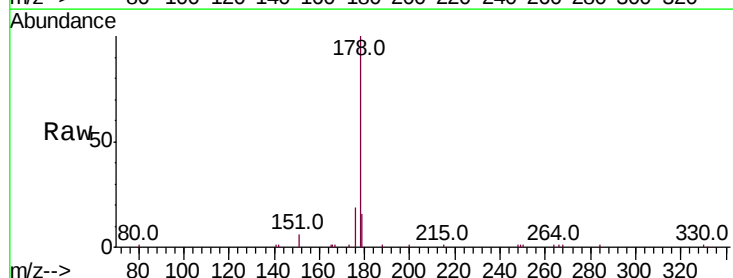
Tgt Ion:178 Resp: 14179

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

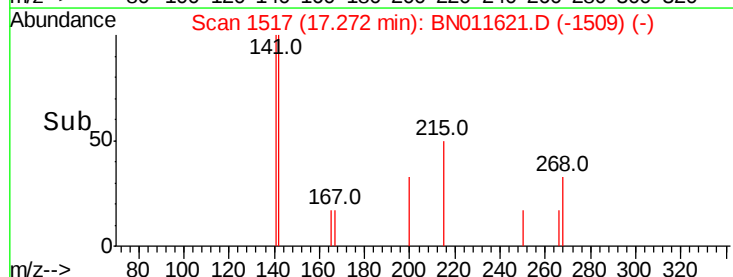
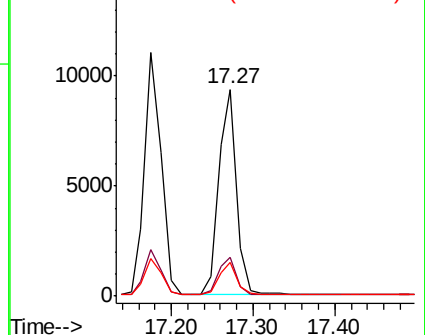
179 15.3 12.5 18.7

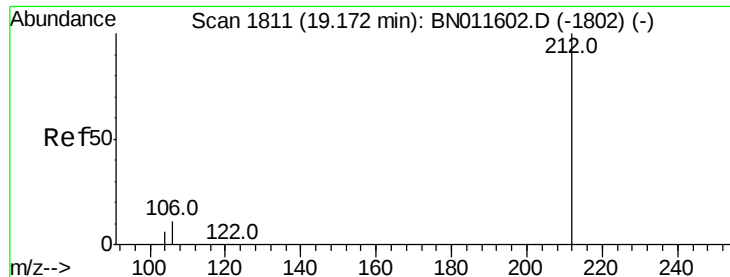


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 0.379 ng

RT: 19.17 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

Instrument :

BNA_N

ClientSampleId :

PB131047BSD

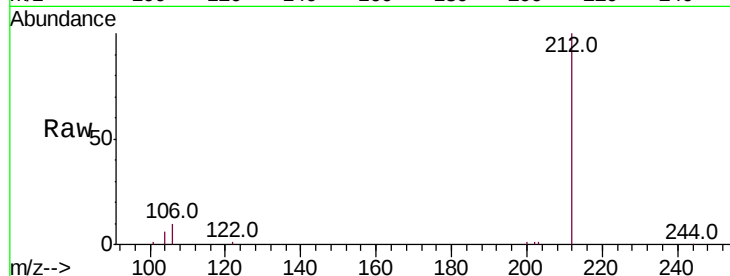
Tot Ion:212 Resp: 15418

Ion Ratio Lower Upper

212 100

106 10.2 8.9 13.3

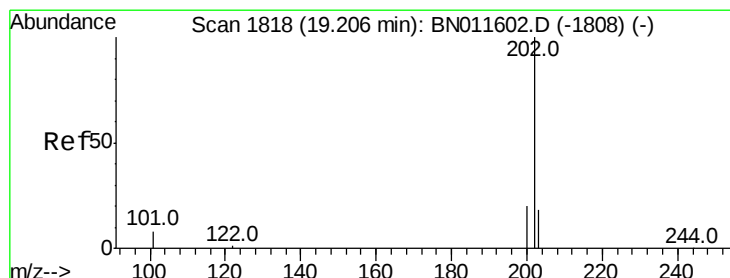
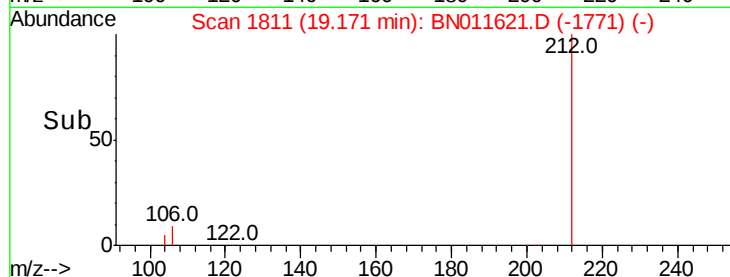
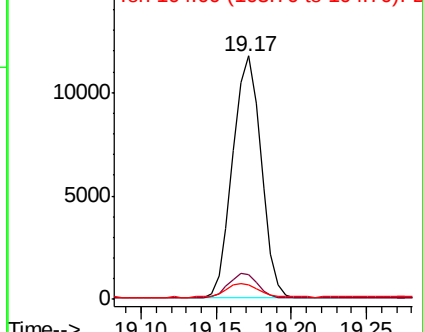
104 6.1 5.3 7.9



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: 0.389 ng

RT: 19.20 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

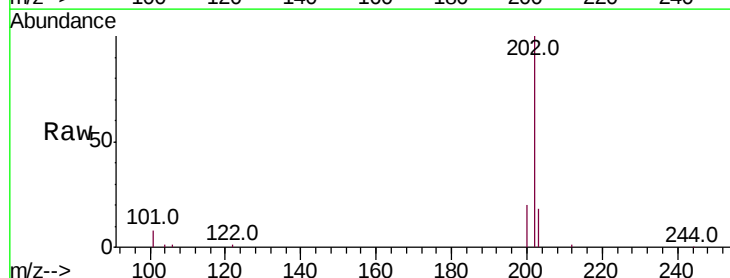
Tgt Ion:202 Resp: 18288

Ion Ratio Lower Upper

202 100

101 8.8 7.7 11.5

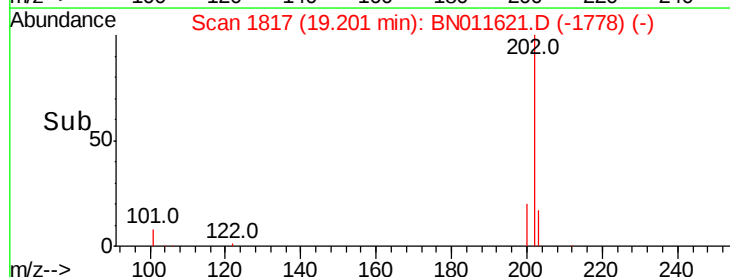
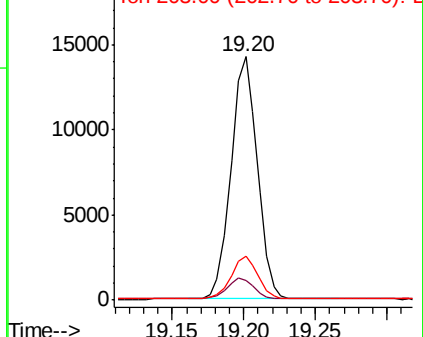
203 17.4 13.9 20.9

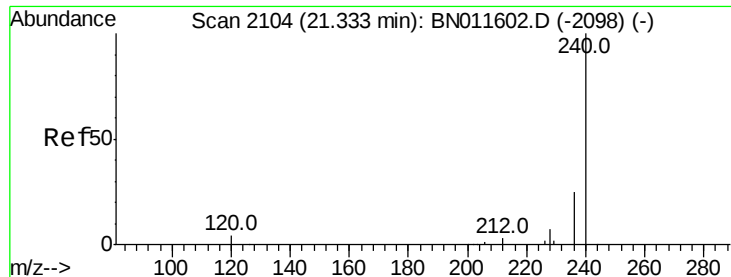


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN011621.D

Acq: 25 Aug 2020 18:24

Instrument :

BNA_N

ClientSampleId :

PB131047BSD

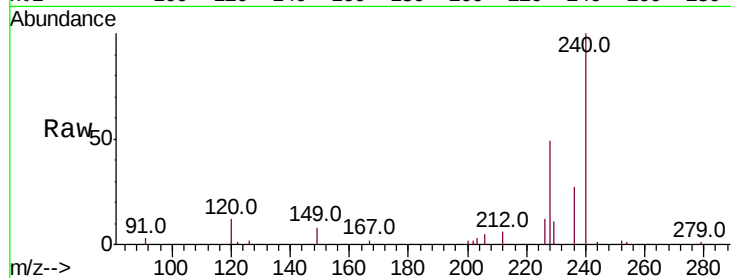
Tot Ion:240 Resp: 13043

Ion Ratio Lower Upper

240 100

120 11.5 6.0 9.0#

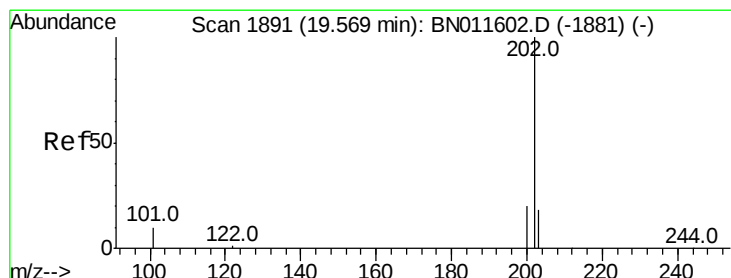
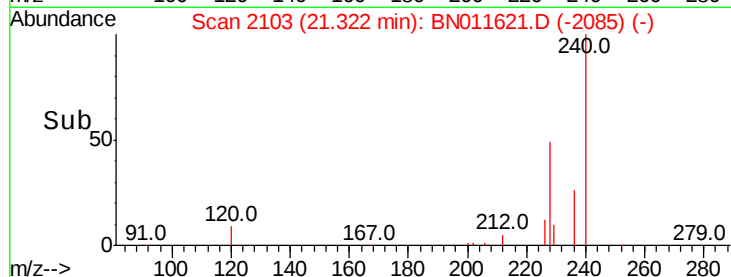
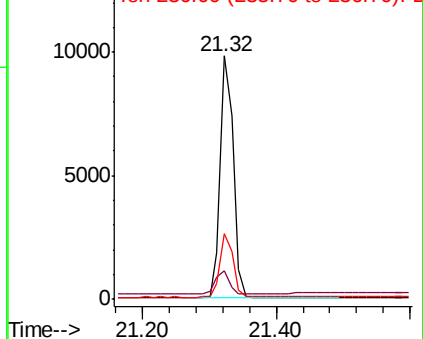
236 27.0 20.8 31.2



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: 0.403 ng

RT: 19.56 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

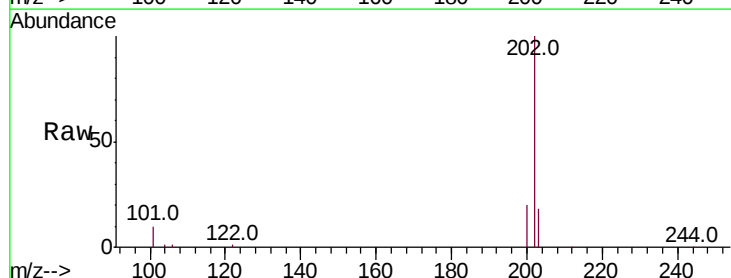
Tgt Ion:202 Resp: 18644

Ion Ratio Lower Upper

202 100

200 20.3 16.3 24.5

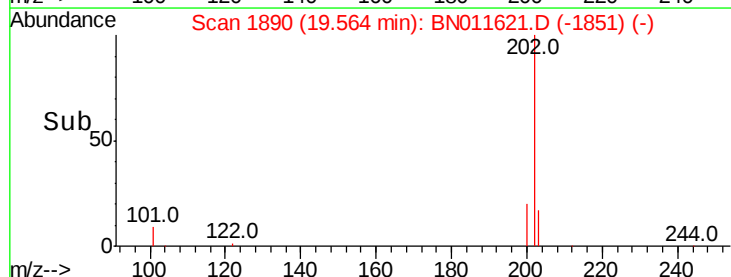
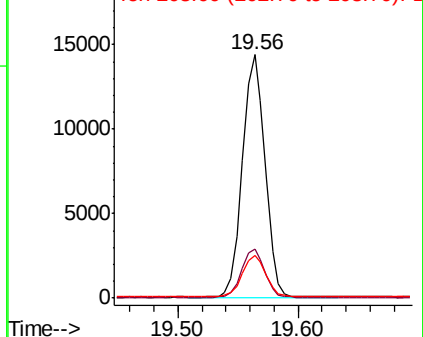
203 17.6 14.2 21.4

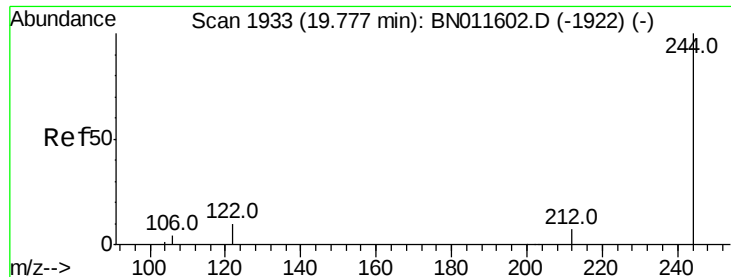


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.417 ng

RT: 19.78 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

Instrument :

BNA_N

ClientSampleId :

PB131047BSD

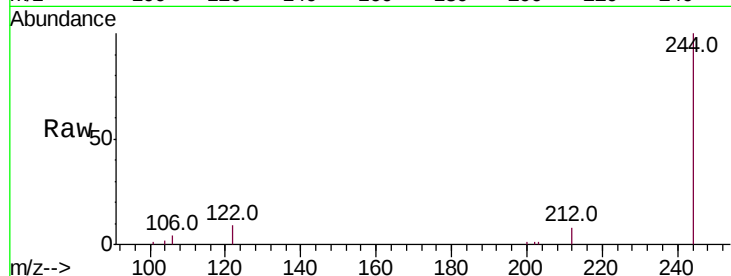
Tot Ion:244 Resp: 13887

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

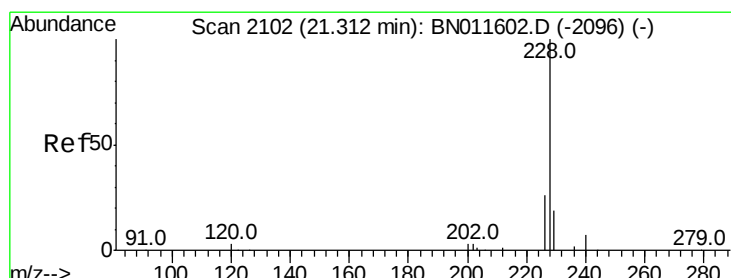
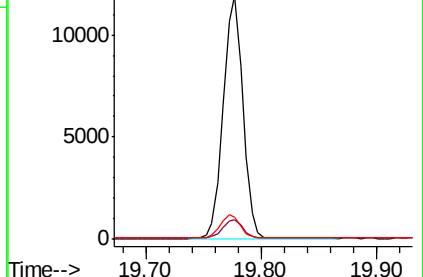
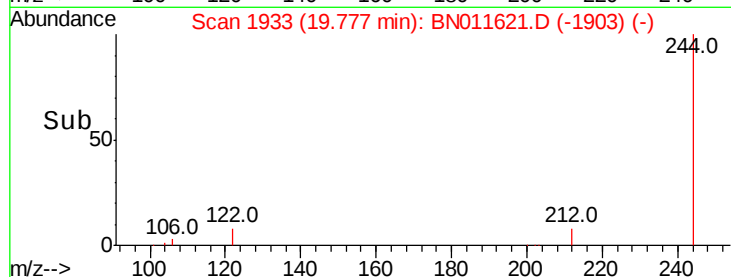
122 9.0 9.5 14.3#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#32

Benzo(a)anthracene

Concen: 0.394 ng

RT: 21.31 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

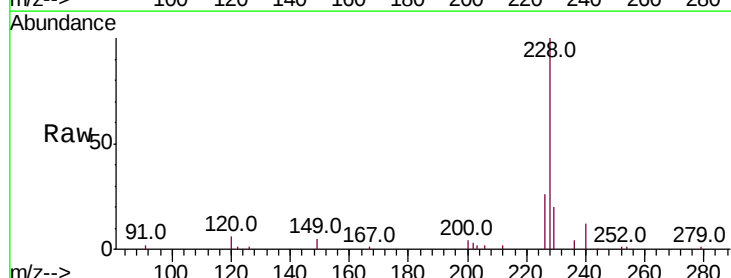
Tgt Ion:228 Resp: 18553

Ion Ratio Lower Upper

228 100

226 26.2 21.2 31.8

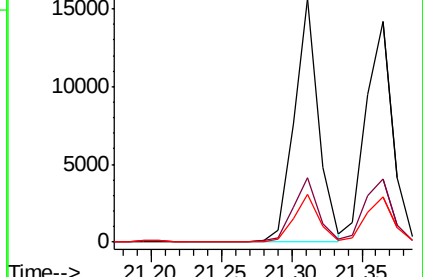
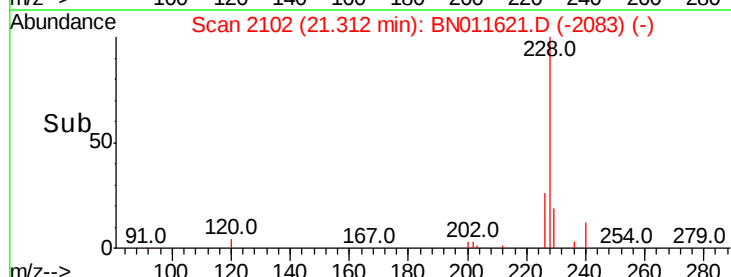
229 19.7 15.8 23.8

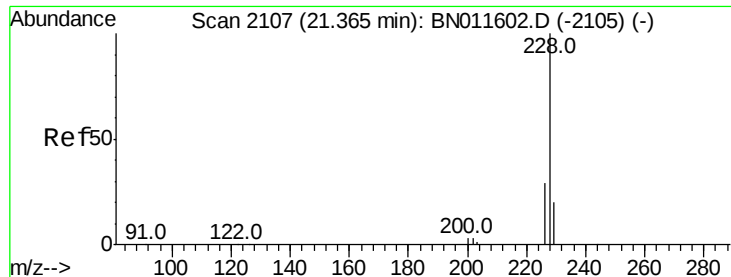


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.412 ng

RT: 21.36 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

Instrument :

BNA_N

ClientSampleId :

PB131047BSD

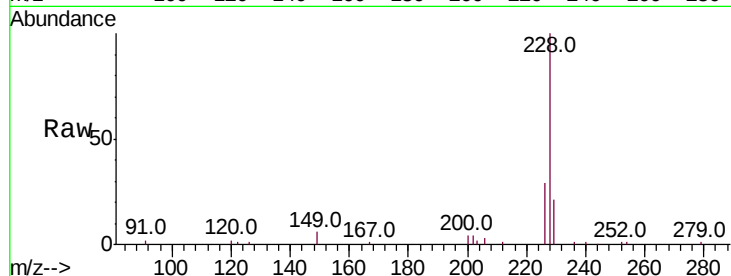
Tot Ion:228 Resp: 18483

Ion Ratio Lower Upper

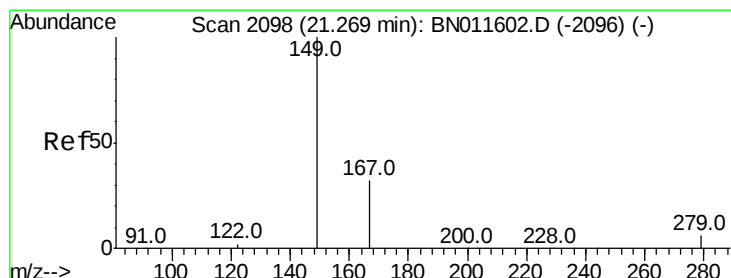
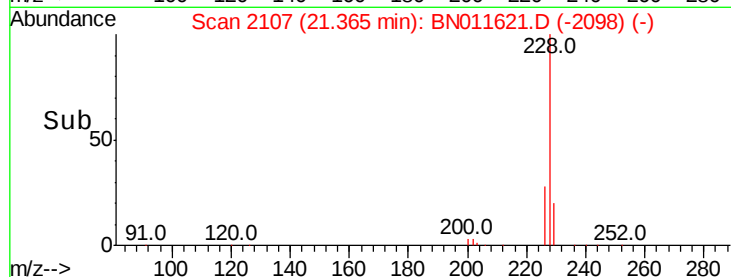
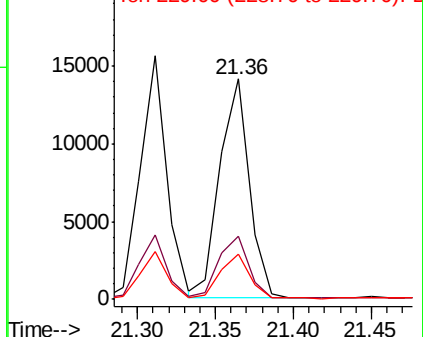
228 100

226 28.8 23.6 35.4

229 20.7 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: 0.260 ng

RT: 21.26 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

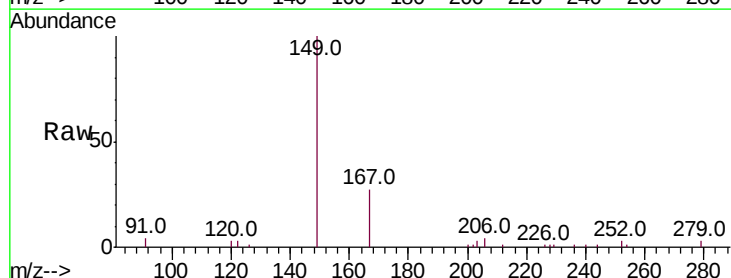
Tgt Ion:149 Resp: 9181

Ion Ratio Lower Upper

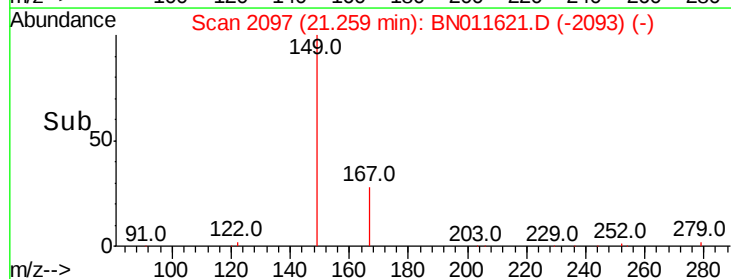
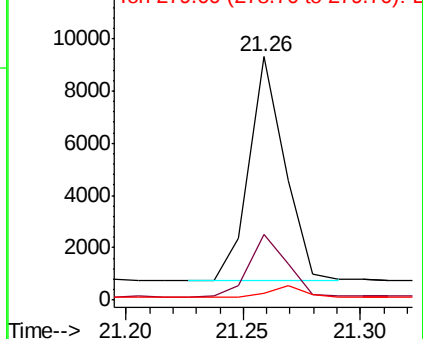
149 100

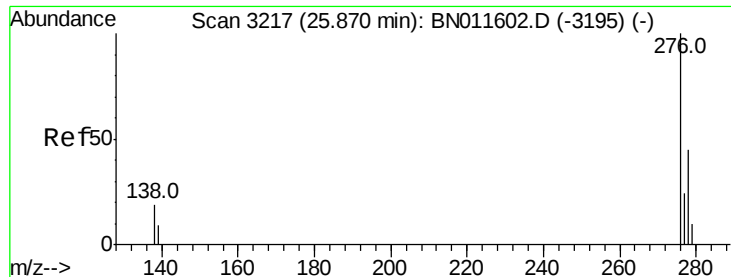
167 29.0 20.6 31.0

279 5.2 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: 0.421 ng

RT: 25.87 min Scan# 3216

Delta R.T. -0.00 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

Instrument :

BNA_N

ClientSampleId :

PB131047BSD

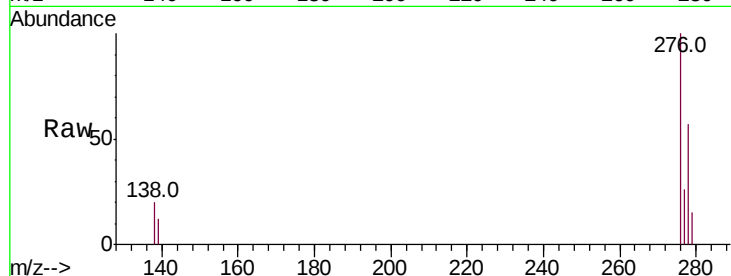
Tot Ion:276 Resp: 23020

Ion Ratio Lower Upper

276 100

138 20.3 0.0 0.0#

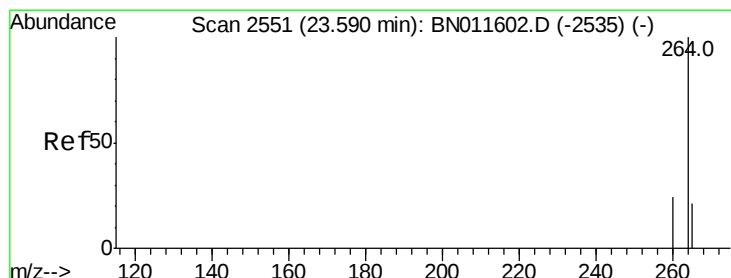
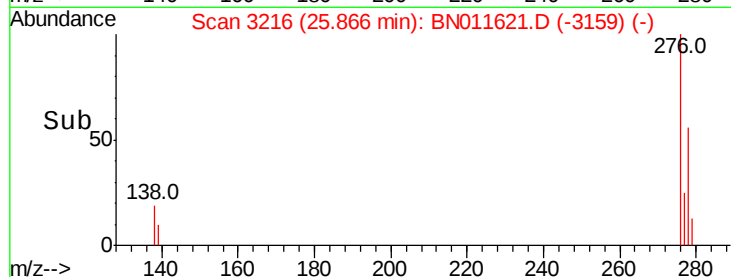
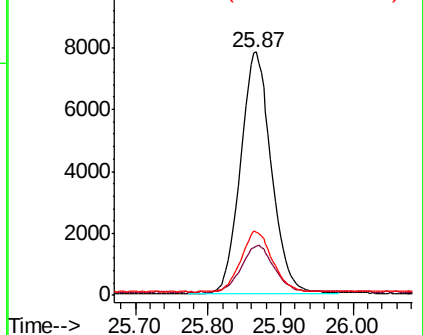
277 25.3 0.0 0.0#



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: 23.59 min Scan# 2550

Delta R.T. -0.00 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

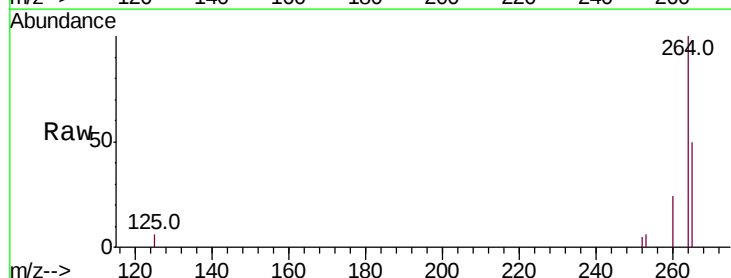
Tgt Ion:264 Resp: 13336

Ion Ratio Lower Upper

264 100

260 24.4 19.6 29.4

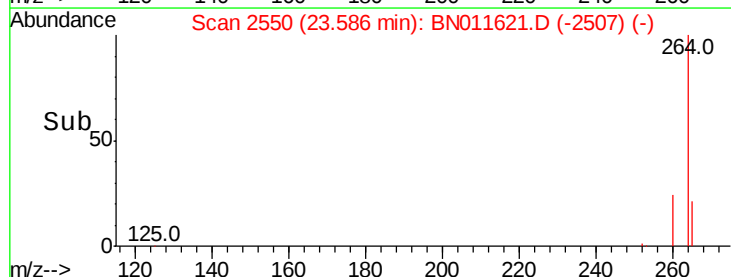
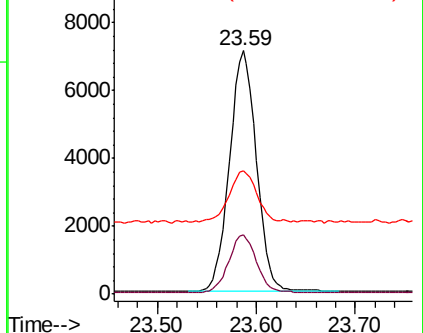
265 50.4 40.7 61.1

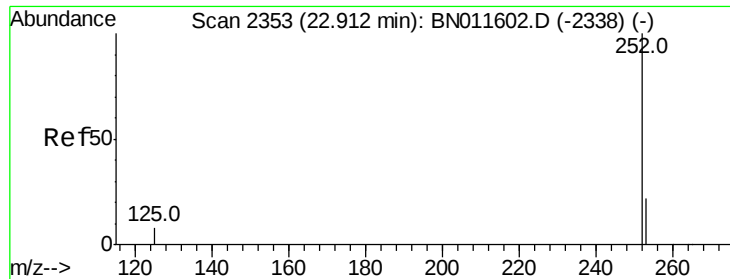


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#37

Benzo(b)fluoranthene

Concen: 0.410 ng

RT: 22.95 min Scan# 2365

Delta R.T. 0.04 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

Instrument :

BNA_N

ClientSampleId :

PB131047BSD

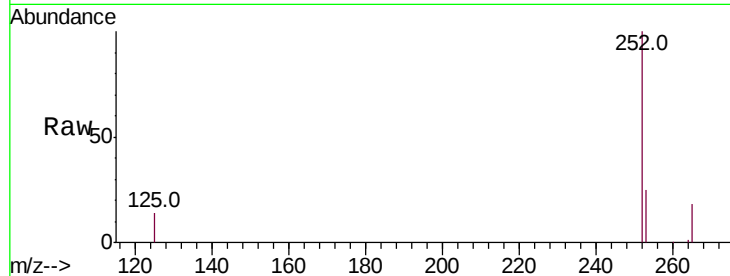
Tot Ion:252 Resp: 19800

Ion Ratio Lower Upper

252 100

253 25.0 21.0 31.6

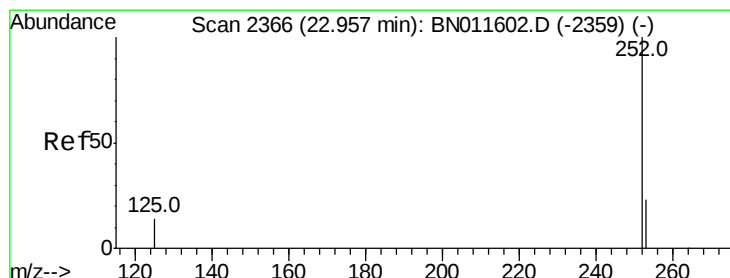
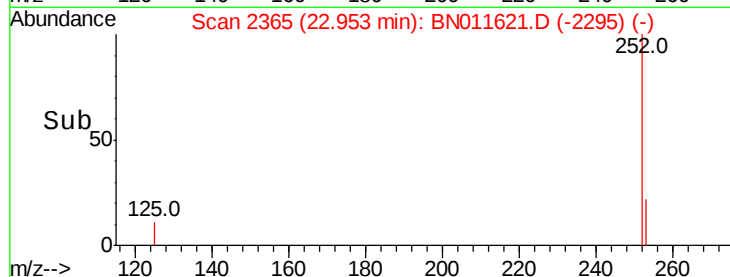
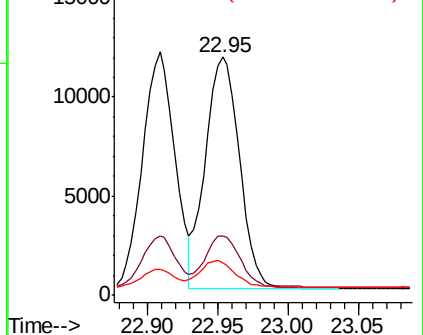
125 13.7 11.0 16.6



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: 0.412 ng

RT: 22.95 min Scan# 2365

Delta R.T. -0.00 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

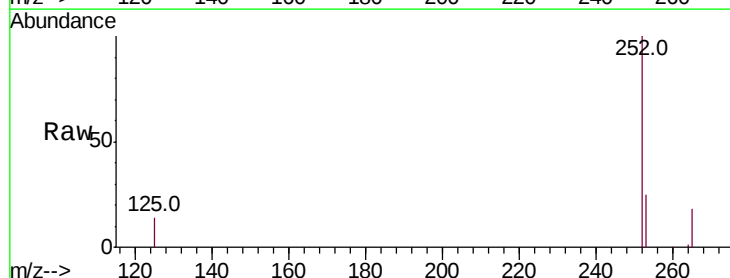
Tgt Ion:252 Resp: 19800

Ion Ratio Lower Upper

252 100

253 25.0 21.2 31.8

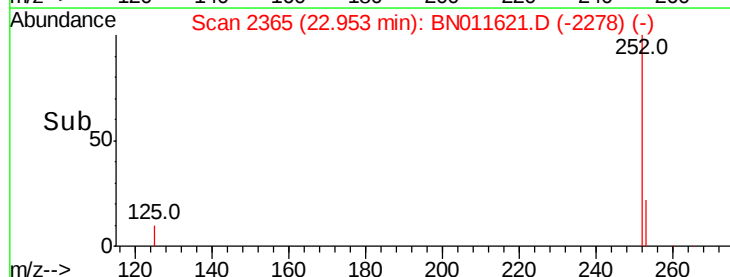
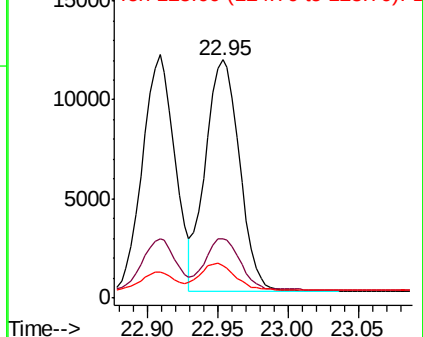
125 13.7 14.6 21.8#

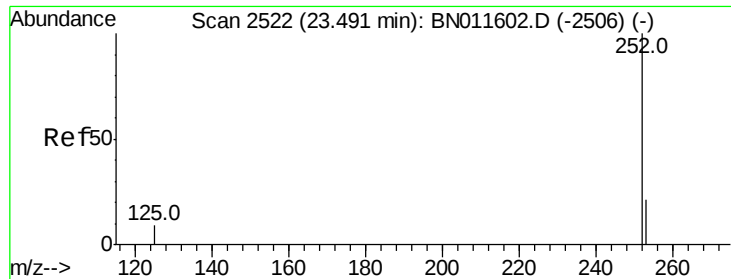


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.392 ng

RT: 23.49 min Scan# 2521

Delta R.T. -0.00 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

Instrument :

BNA_N

ClientSampleId :

PB131047BSD

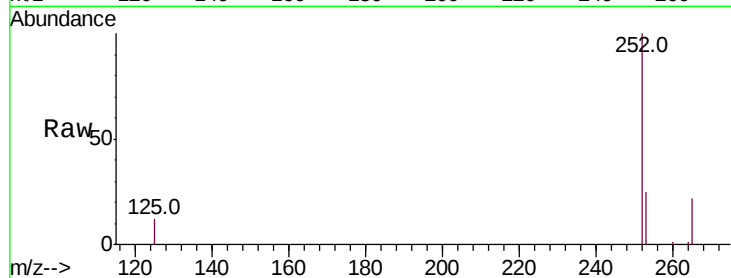
Tot Ion:252 Resp: 17631

Ion Ratio Lower Upper

252 100

253 25.5 21.2 31.8

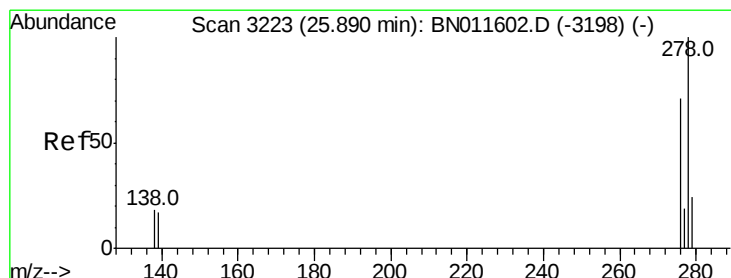
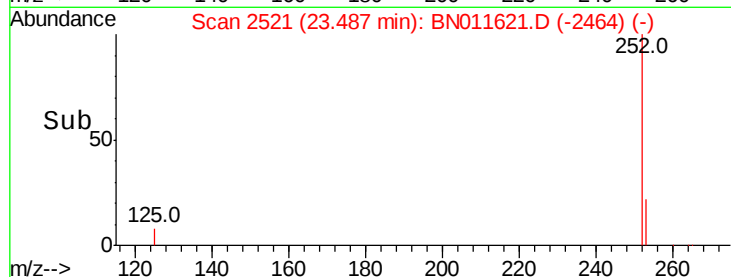
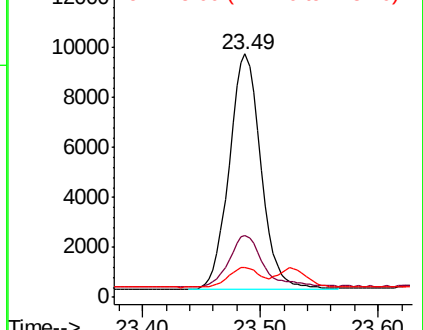
125 12.1 12.1 18.1



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: 0.410 ng

RT: 25.88 min Scan# 3221

Delta R.T. -0.01 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

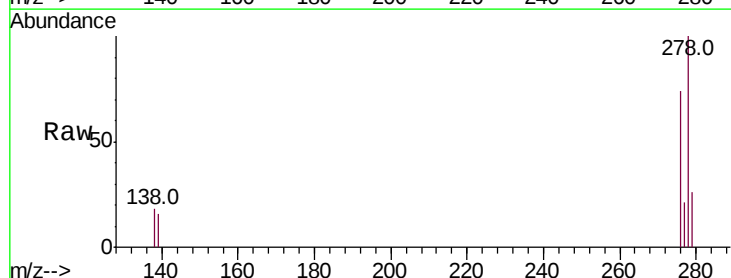
Tgt Ion:278 Resp: 19294

Ion Ratio Lower Upper

278 100

139 15.7 16.6 25.0#

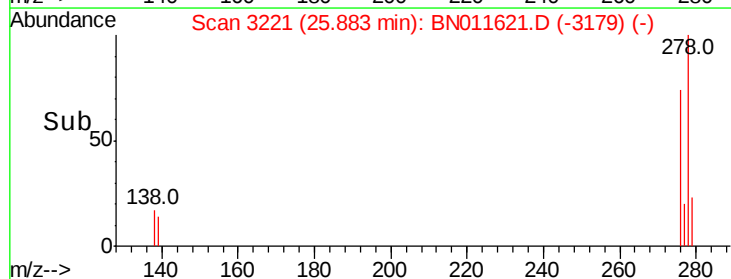
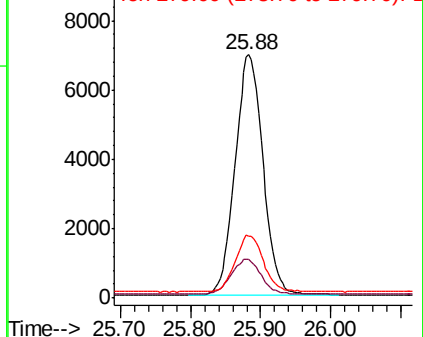
279 25.6 21.4 32.2

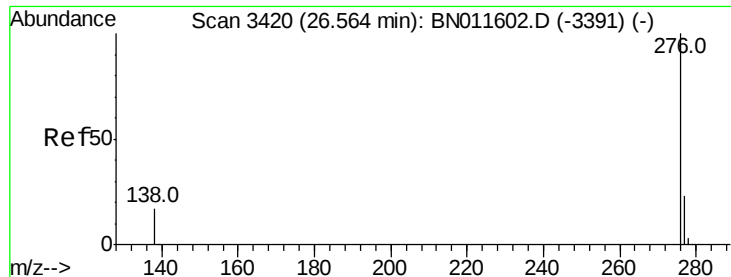


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#41

Benzo(a,h,i)perylene

Concen: 0.402 ng

RT: 26.55 min Scan# 3417

Delta R.T. -0.01 min

Lab File: BN011621.D

Acq: 25 Aug 2020 18:24

Instrument :

BNA_N

ClientSampleId :

PB131047BSD

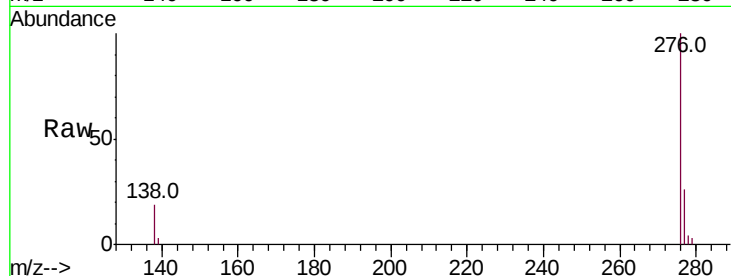
Tot Ion:276 Resp: 18386

Ion Ratio Lower Upper

276 100

277 25.6 20.5 30.7

138 18.6 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

