

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
 Data File : BN011620.D
 Acq On : 25 Aug 2020 17:48
 Operator : CG/JU
 Sample : PB131047BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131047BS

Quant Time: Aug 25 18:29:27 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	2150	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	9066	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	5806	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	12946	0.40	ng	0.00
29) Chrysene-d12	21.33	240	13664	0.40	ng	0.00
36) Perylene-d12	23.59	264	13937	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	2711	0.39	ng	0.00
5) Phenol-d6	6.92	99	3823	0.39	ng	0.00
8) Nitrobenzene-d5	8.89	82	3278	0.42	ng	-0.01
11) 2-Methylnaphthalene-d10	12.14	152	6689	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1108	0.35	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	9188	0.41	ng	-0.01
27) Fluoranthene-d10	19.17	212	15900	0.38	ng	0.00
31) Terphenyl-d14	19.78	244	14391	0.41	ng	0.00

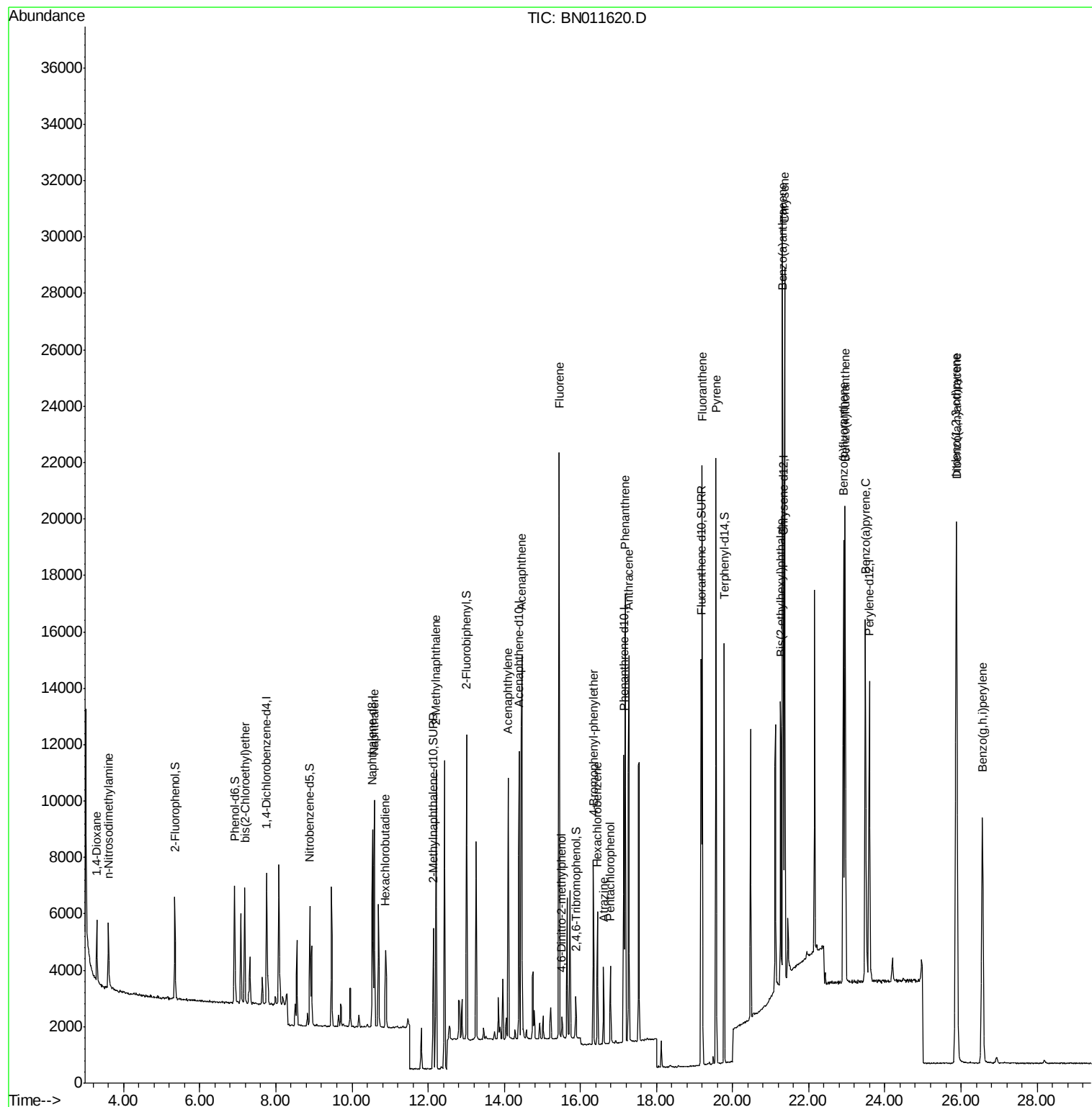
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.30	88	1413	0.424	ng	# 1
3) n-Nitrosodimethylamine	3.60	42	1502	0.428	ng	# 94
6) bis(2-Chloroethyl)ether	7.18	93	2902	0.420	ng	97
9) Naphthalene	10.59	128	10226	0.397	ng	94
10) Hexachlorobutadiene	10.88	225	2222	0.412	ng	# 99
12) 2-Methylnaphthalene	12.21	142	7450	0.392	ng	96
16) Acenaphthylene	14.10	152	11186	0.366	ng	99
17) Acenaphthene	14.46	154	7638	0.394	ng	98
18) Fluorene	15.45	166	9505	0.378	ng	98
20) 4,6-Dinitro-2-methylphenol	15.51	198	649	0.435	ng	# 42
21) 4-Bromophenyl-phenylether	16.34	248	2953	0.391	ng	# 81
22) Hexachlorobenzene	16.44	284	3538	0.405	ng	99
23) Atrazine	16.60	200	1984	0.266	ng	94
24) Pentachlorophenol	16.79	266	1331	0.345	ng	97
25) Phenanthrene	17.17	178	15732	0.391	ng	100
26) Anthracene	17.27	178	14638	0.370	ng	99
28) Fluoranthene	19.20	202	18708	0.384	ng	99
30) Pvrene	19.56	202	19060	0.393	ng	99
32) Benzo(a)anthracene	21.31	228	19779	0.401	ng	100
33) Chrysene	21.36	228	19099	0.407	ng	100
34) Bis(2-ethylhexyl)phthalate	21.26	149	9692	0.263	ng	94
35) Indeno(1,2,3-cd)pyrene	25.87	276	23713	0.414	ng	# 100
37) Benzo(b)fluoranthene	22.91	252	20166	0.399	ng	96
38) Benzo(k)fluoranthene	22.96	252	20645	0.411	ng	# 94
39) Benzo(a)pyrene	23.49	252	18577	0.395	ng	97
40) Dibenzo(a,h)anthracene	25.89	278	19756	0.402	ng	# 94
41) Benzo(g,h,i)perylene	26.56	276	19017	0.398	ng	97

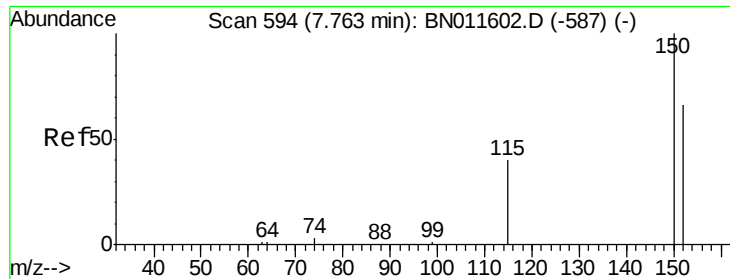
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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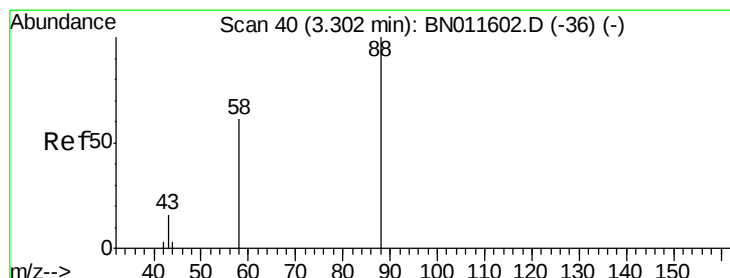
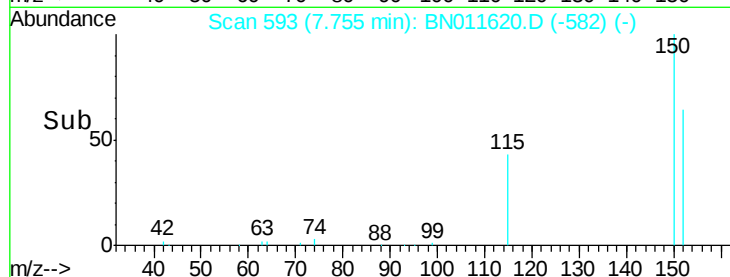
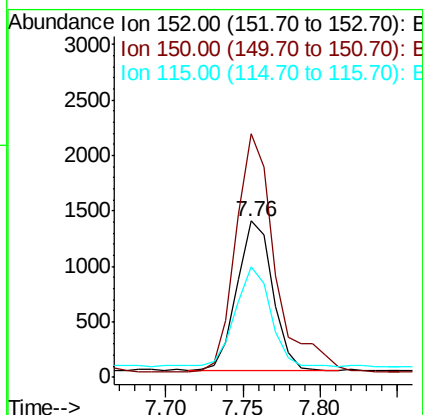
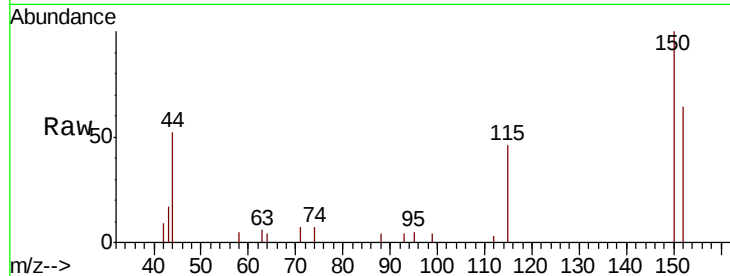


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN011620.D
Acq: 25 Aug 2020 17:48

Instrument :
BNA_N
ClientSampleId :
PB131047BS

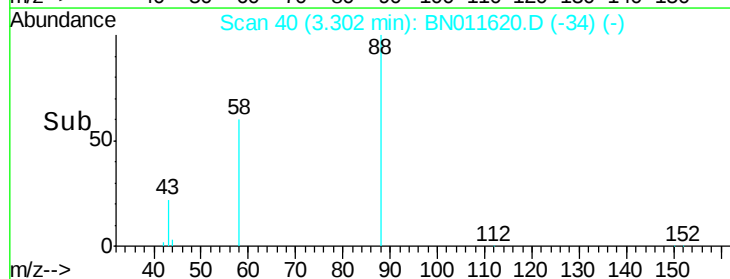
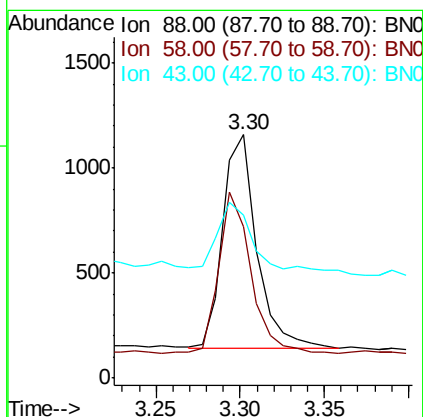
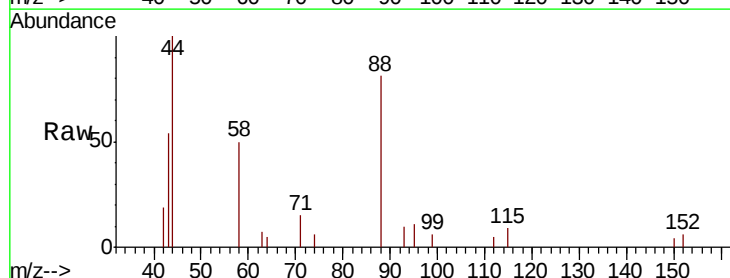
Tot Ion:152 Resp: 2150
Ion Ratio Lower Upper
152 100
150 156.0 112.4 168.6
115 71.0 56.9 85.3

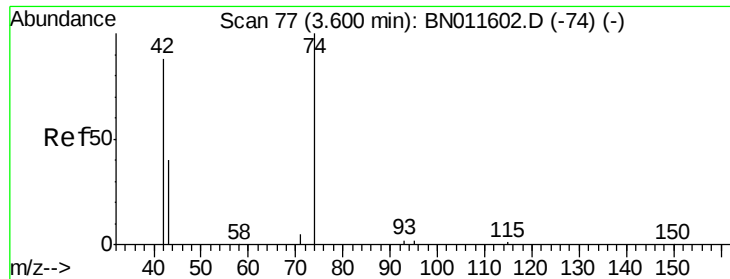


#2

1,4-Dioxane
Concen: 0.424 ng
RT: 3.30 min Scan# 40
Delta R.T. -0.00 min
Lab File: BN011620.D
Acq: 25 Aug 2020 17:48

Tgt Ion: 88 Resp: 1413
Ion Ratio Lower Upper
88 100
58 71.2 3.0 4.4#
43 37.4 0.0 0.0#





#3

n-Nitrosodimethylamine

Concen: 0.428 ng

RT: 3.60 min Scan# 77

Delta R.T. -0.00 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

Instrument :

BNA_N

ClientSampleId :

PB131047BS

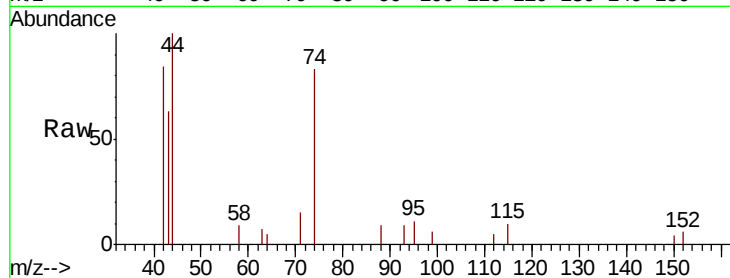
Tot Ion: 42 Resp: 1502

Ion Ratio Lower Upper

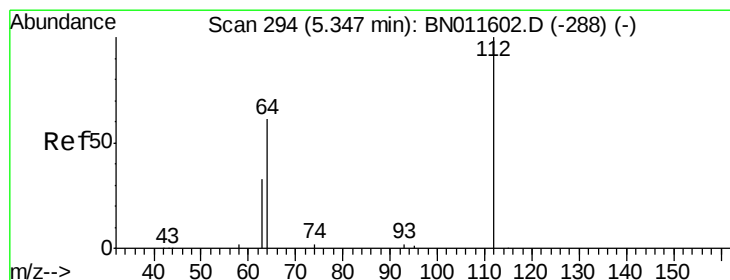
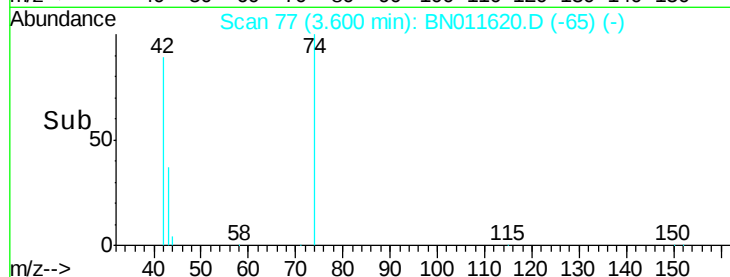
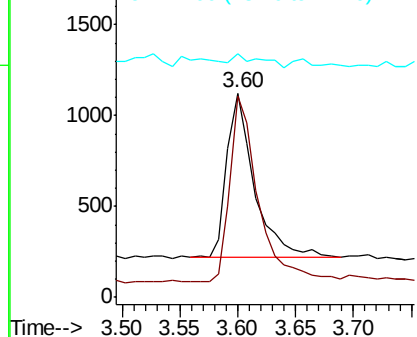
42 100

74 116.4 0.0 0.0#

44 8.2 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: 0.394 ng

RT: 5.35 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

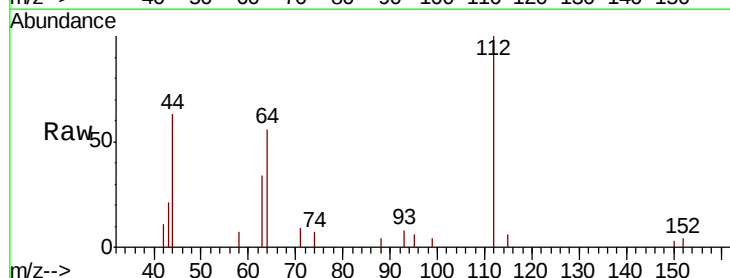
Tgt Ion: 112 Resp: 2711

Ion Ratio Lower Upper

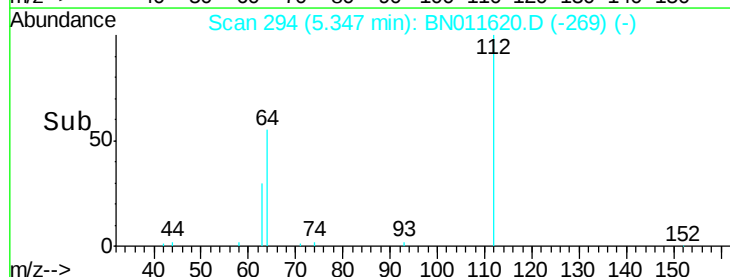
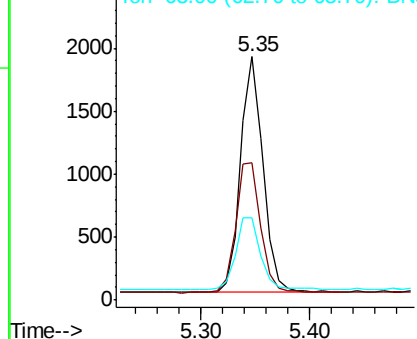
112 100

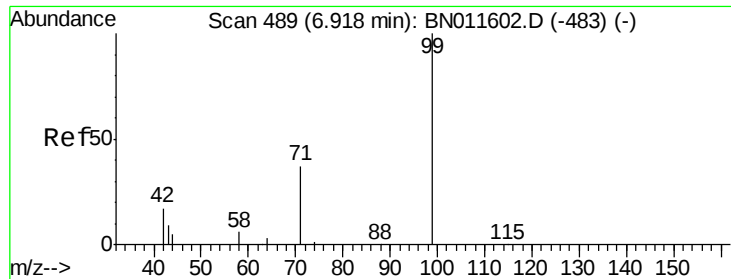
64 61.6 49.6 74.4

63 33.5 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: 0.393 ng

RT: 6.92 min Scan# 489

Delta R.T. -0.00 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

Instrument :

BNA_N

ClientSampleId :

PB131047BS

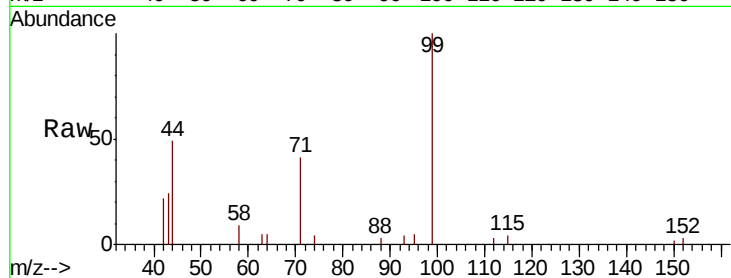
Tot Ion: 99 Resp: 3823

Ion Ratio Lower Upper

99 100

42 21.3 0.0 0.0#

71 39.4 0.0 0.0#

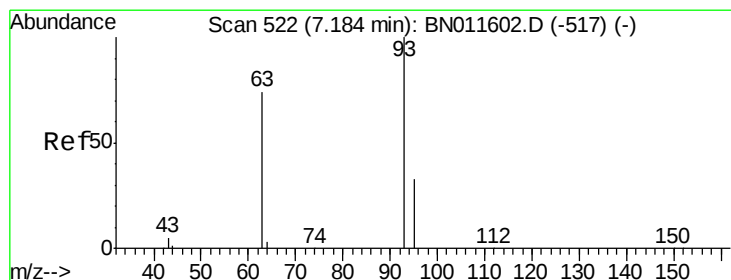
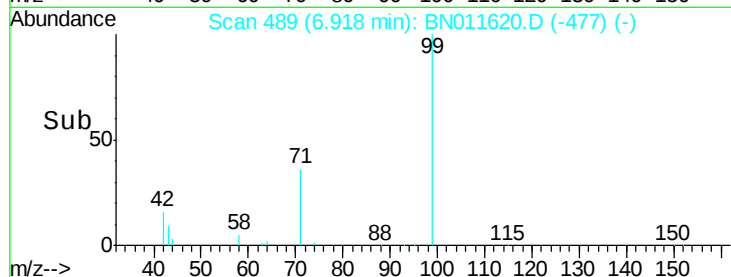


Abundance Ion 99.00 (98.70 to 99.70): BN011602.D (-483) (-)

Ion 42.00 (41.70 to 42.70): BN011602.D (-483) (-)

Ion 71.00 (70.70 to 71.70): BN011602.D (-483) (-)

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.420 ng

RT: 7.18 min Scan# 522

Delta R.T. -0.00 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

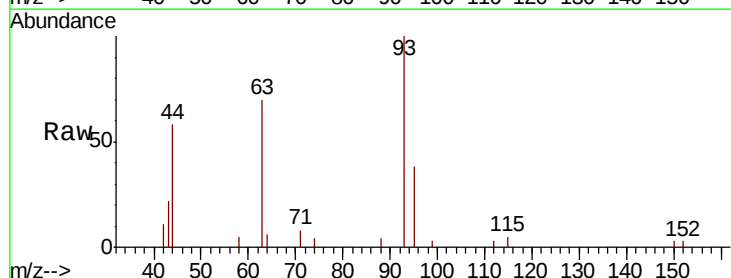
Tgt Ion: 93 Resp: 2902

Ion Ratio Lower Upper

93 100

63 74.0 57.8 86.8

95 32.6 28.3 42.5

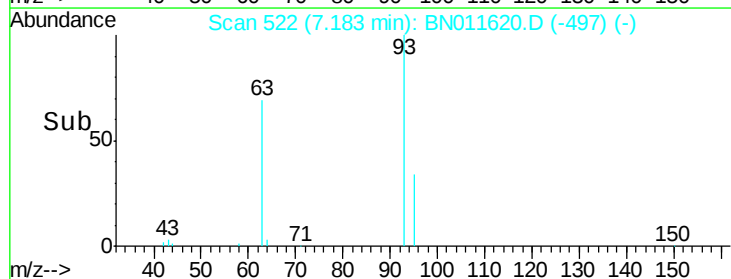


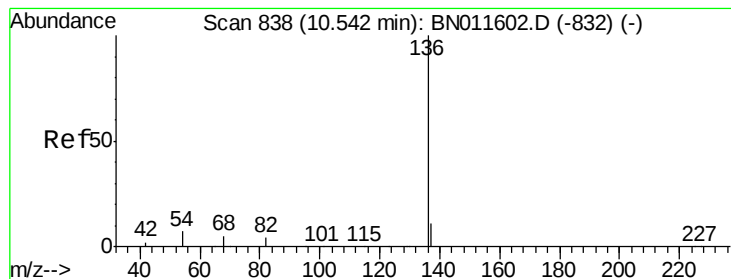
Abundance Ion 93.00 (92.70 to 93.70): BN011602.D (-517) (-)

Ion 63.00 (62.70 to 63.70): BN011602.D (-517) (-)

Ion 95.00 (94.70 to 95.70): BN011602.D (-517) (-)

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

Instrument :

BNA_N

ClientSampleId :

PB131047BS

Tot Ion:136 Resp: 9066

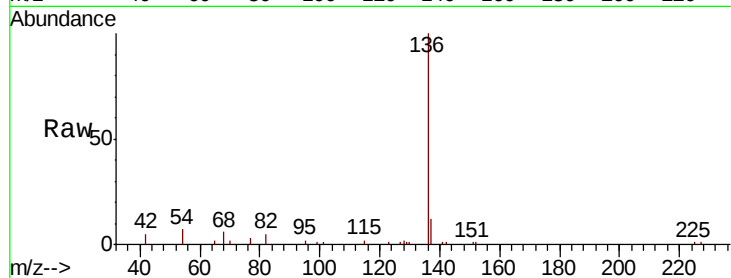
Ion Ratio Lower Upper

136 100

137 11.9 11.5 17.3

54 7.1 11.9 17.9#

68 6.0 12.3 18.5#

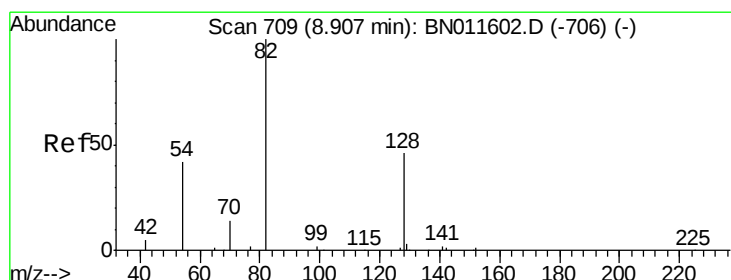
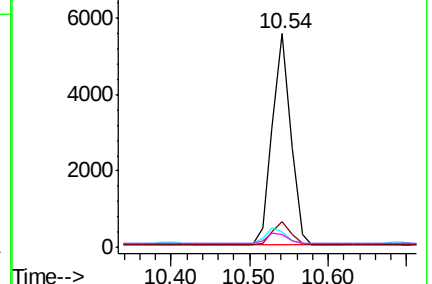
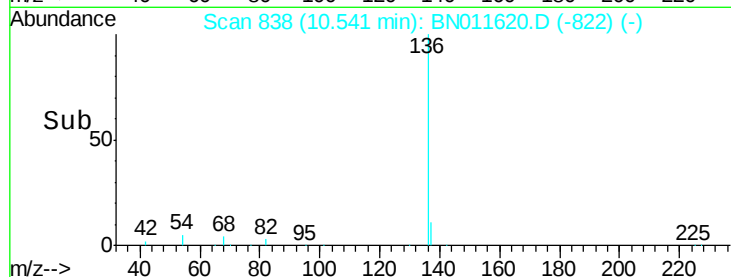


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.418 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

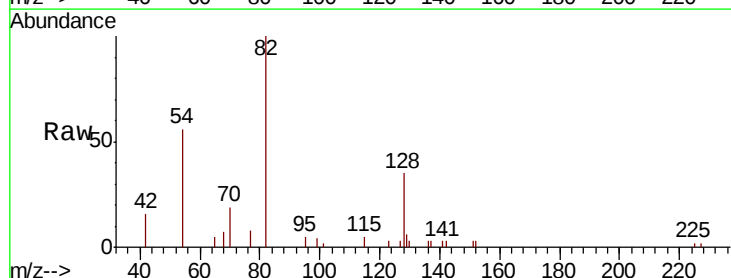
Tgt Ion: 82 Resp: 3278

Ion Ratio Lower Upper

82 100

128 35.1 31.1 46.7

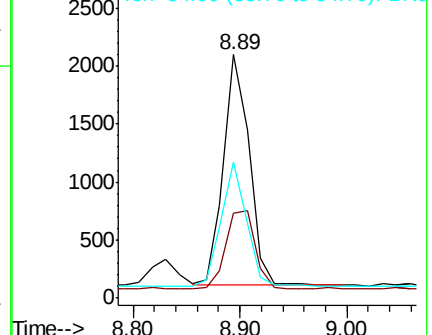
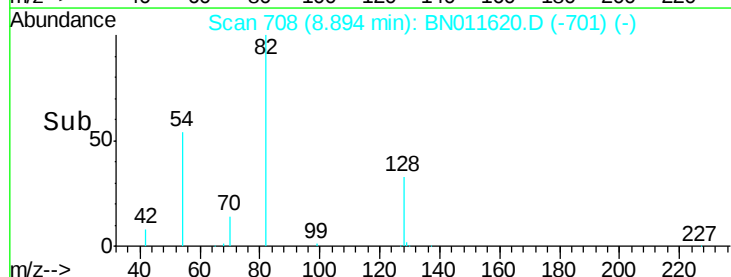
54 55.7 37.1 55.7

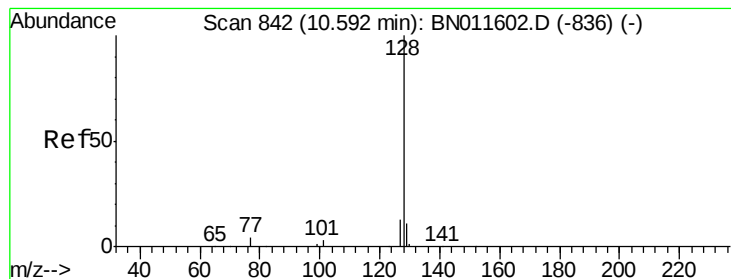


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.397 ng

RT: 10.59 min Scan# 842

Delta R.T. -0.00 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

Instrument :

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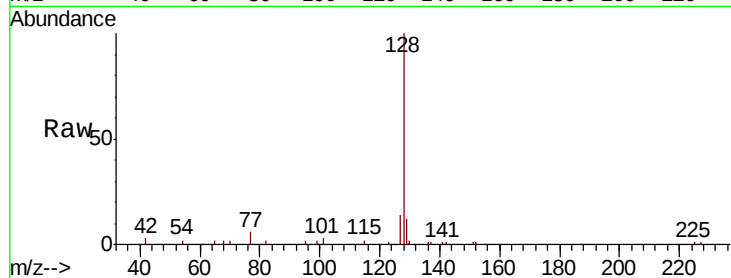
Tot Ion:128 Resp: 10226

Ion Ratio Lower Upper

128 100

129 12.0 11.0 16.4

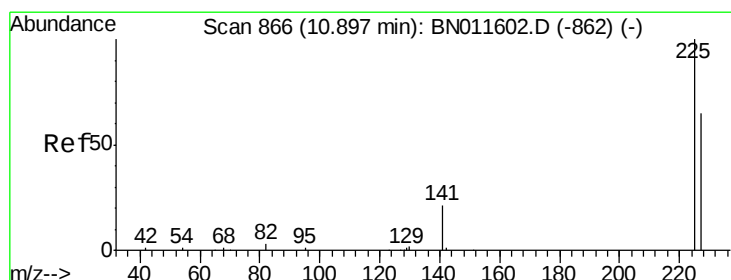
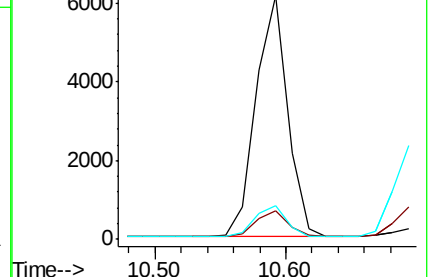
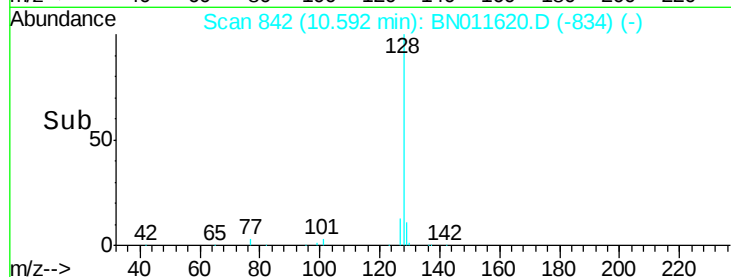
127 14.0 13.5 20.3



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: 0.412 ng

RT: 10.88 min Scan# 865

Delta R.T. -0.01 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

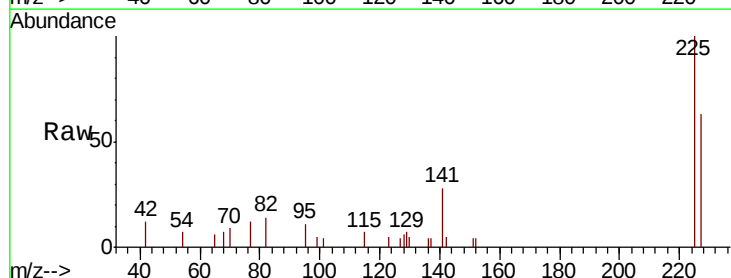
Tgt Ion:225 Resp: 2222

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

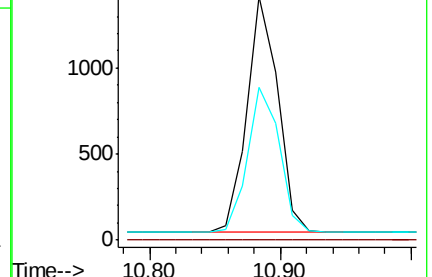
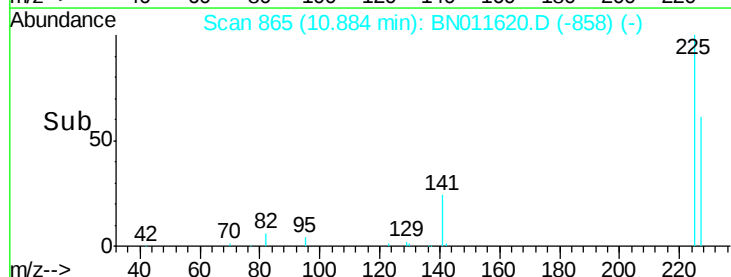
227 63.7 50.2 75.2

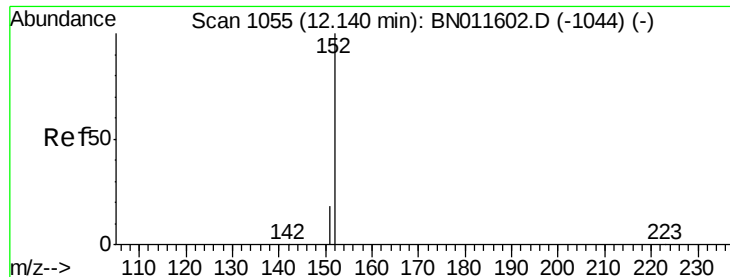


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

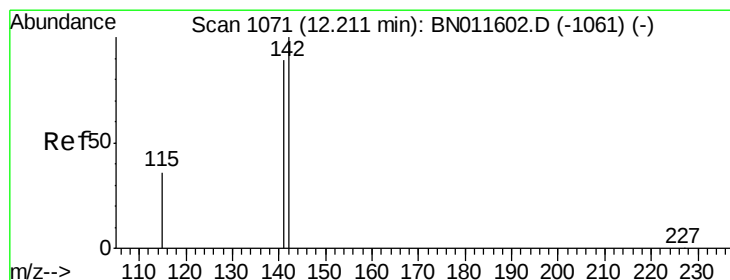
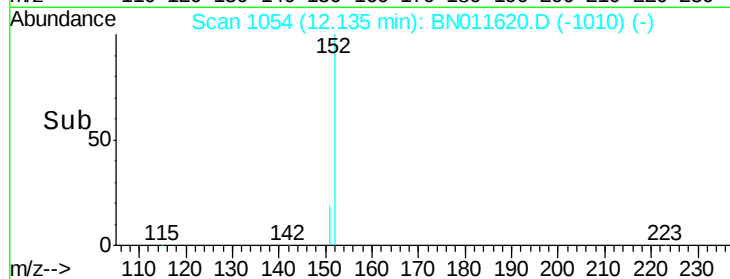
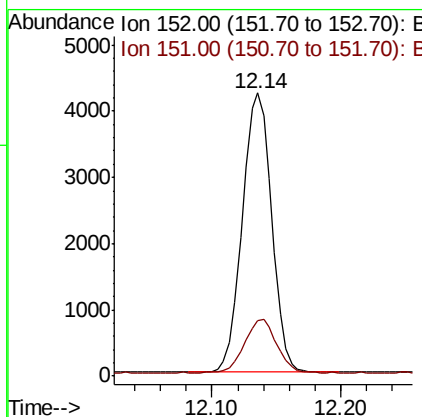
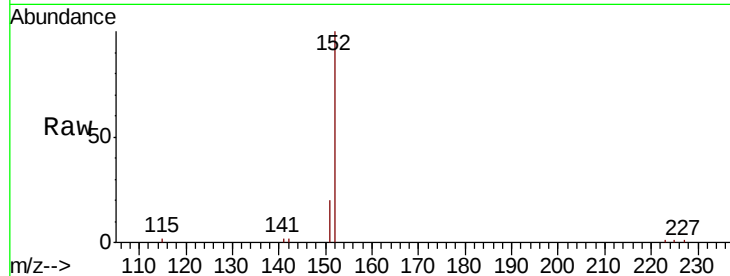




#11
 2-Methylnaphthalene-d10
 Concen: 0.390 ng
 RT: 12.14 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BN011620.D
 Acq: 25 Aug 2020 17:48

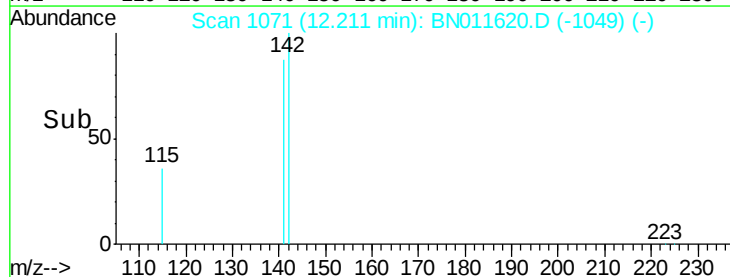
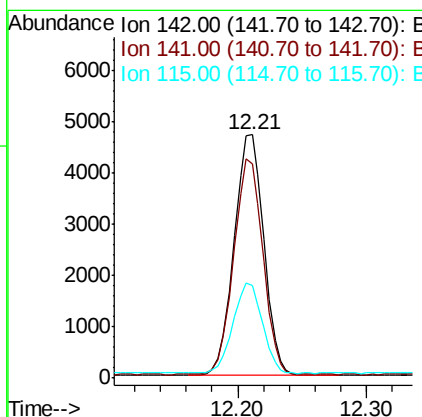
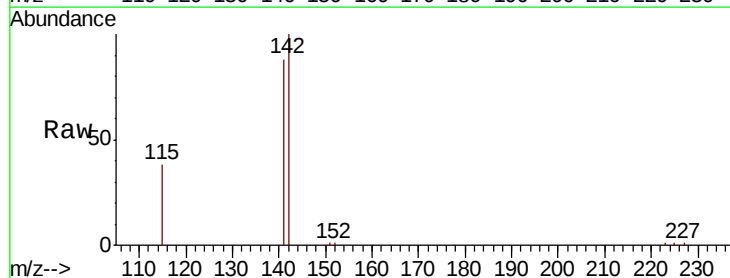
Instrument :
 BNA_N
 ClientSampleId :
 PB131047BS

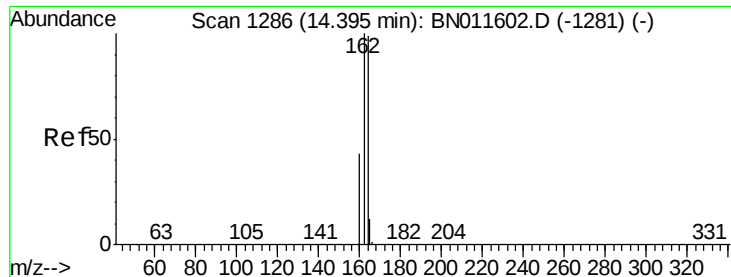
Tot Ion:152 Resp: 6689
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.4 24.6



#12
 2-Methylnaphthalene
 Concen: 0.392 ng
 RT: 12.21 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BN011620.D
 Acq: 25 Aug 2020 17:48

Tgt Ion:142 Resp: 7450
 Ion Ratio Lower Upper
 142 100
 141 87.8 72.7 109.1
 115 37.9 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: BN011620.D

Acq: 25 Aug 2020 17:48

Instrument :

BNA_N

ClientSampleId :

PB131047BS

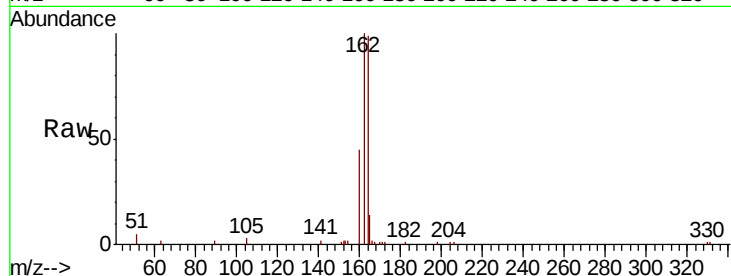
Tot Ion:164 Resp: 5806

Ion Ratio Lower Upper

164 100

162 101.5 80.8 121.2

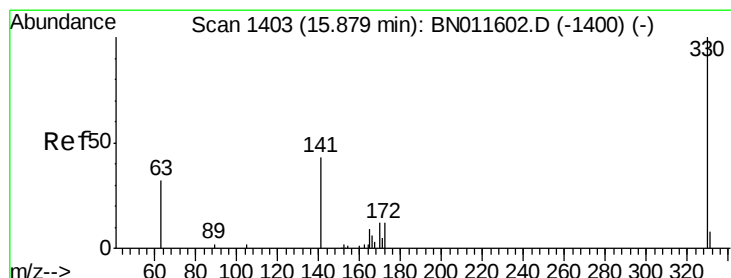
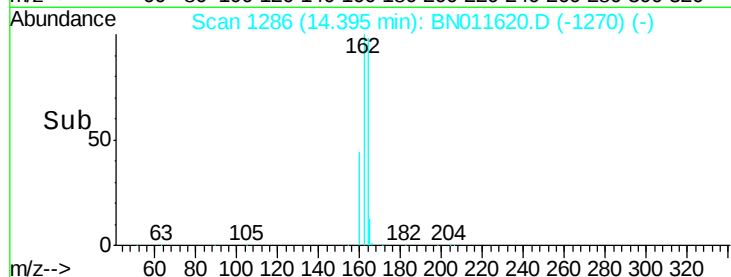
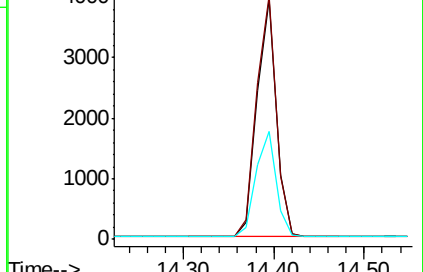
160 45.3 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.347 ng

RT: 15.88 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

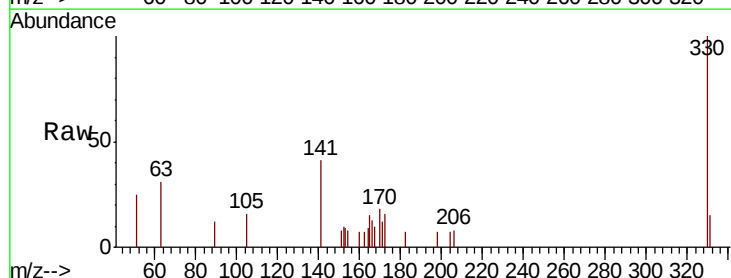
Tgt Ion:330 Resp: 1108

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

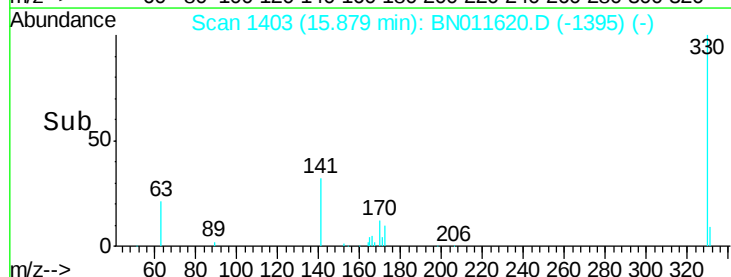
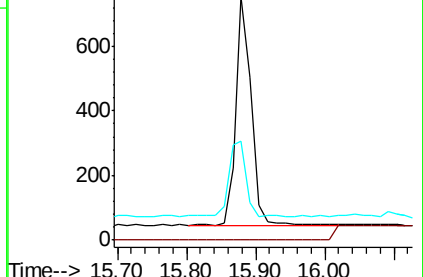
141 38.9 29.4 44.2

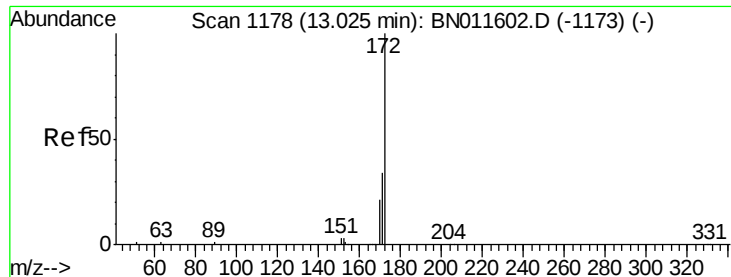


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

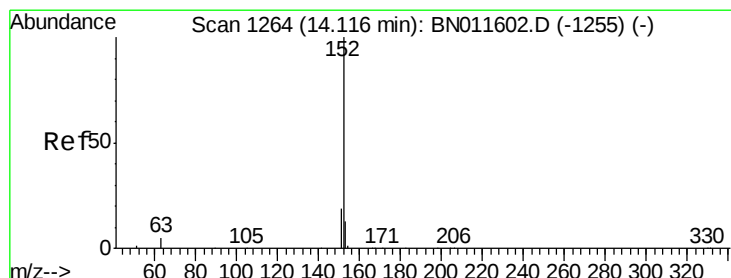
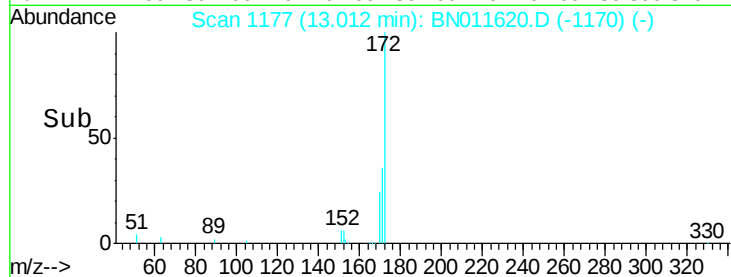
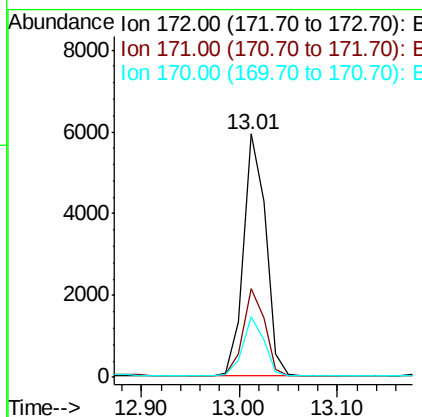
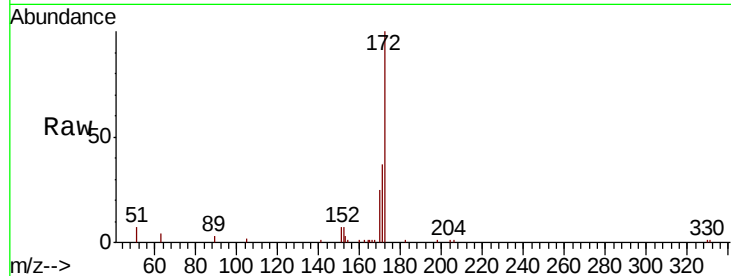




#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 13.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN011620.D
Acq: 25 Aug 2020 17:48

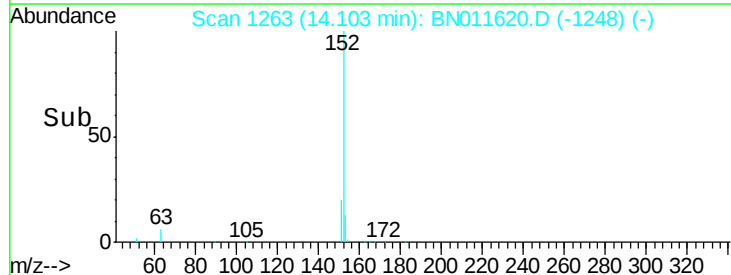
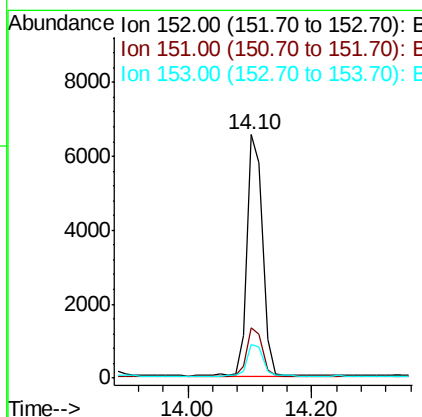
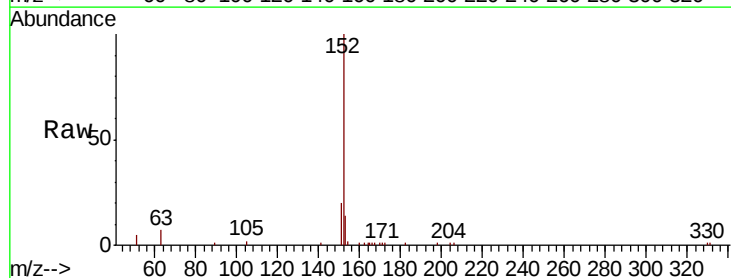
Instrument :
BNA_N
ClientSampleId :
PB131047BS

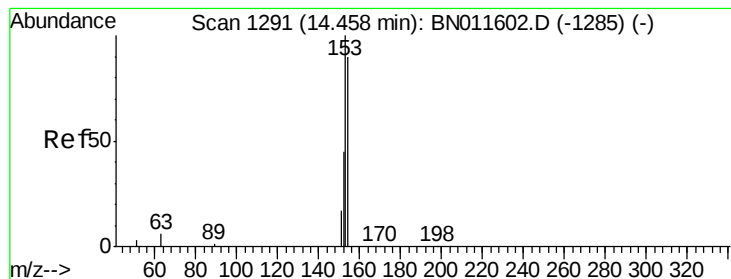
Tot Ion:172 Resp: 9188
Ion Ratio Lower Upper
172 100
171 36.6 28.6 42.8
170 24.7 18.2 27.2



#16
Acenaphthylene
Concen: 0.366 ng
RT: 14.10 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BN011620.D
Acq: 25 Aug 2020 17:48

Tgt Ion:152 Resp: 11186
Ion Ratio Lower Upper
152 100
151 19.4 16.2 24.2
153 13.2 11.0 16.4





#17

Acenaphthene

Concen: 0.394 ng

RT: 14.46 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

Instrument :

BNA_N

ClientSampleId :

PB131047BS

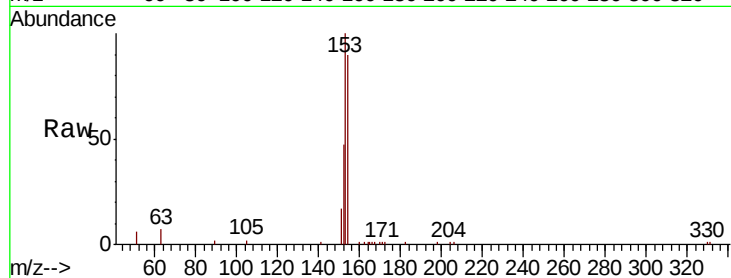
Tot Ion:154 Resp: 7638

Ion Ratio Lower Upper

154 100

153 109.6 86.6 130.0

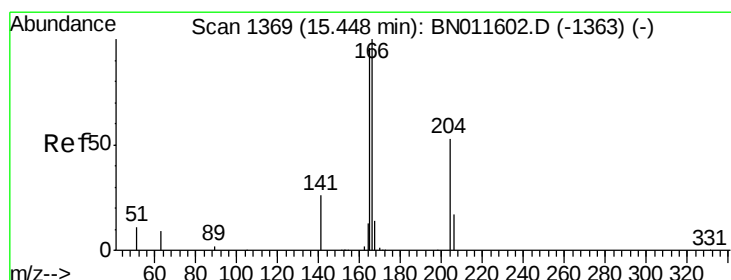
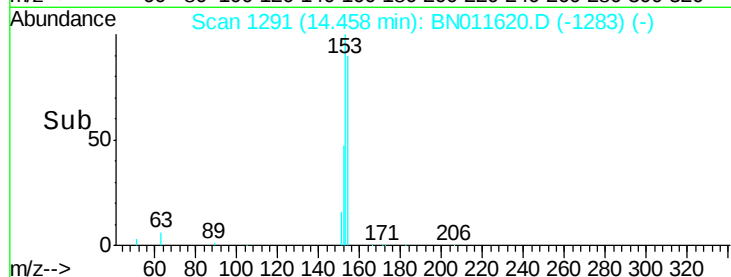
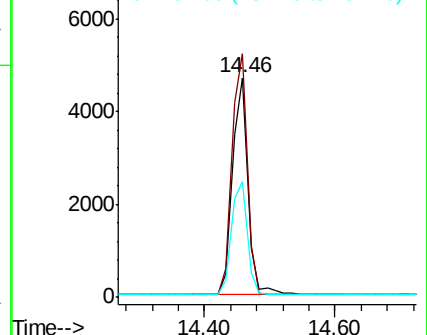
152 53.0 40.1 60.1



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: 0.378 ng

RT: 15.45 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

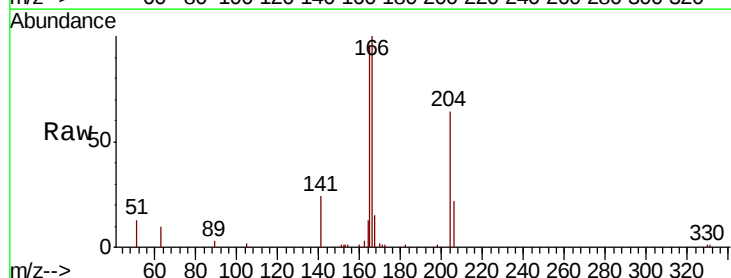
Tgt Ion:166 Resp: 9505

Ion Ratio Lower Upper

166 100

165 98.9 77.4 116.2

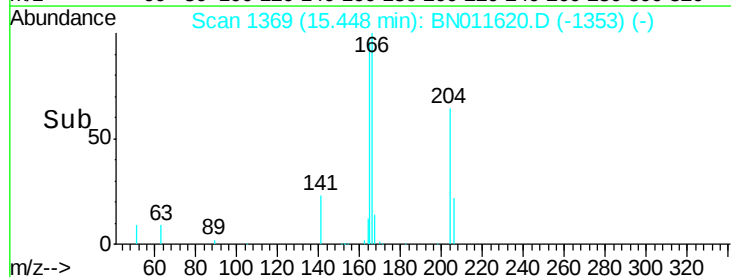
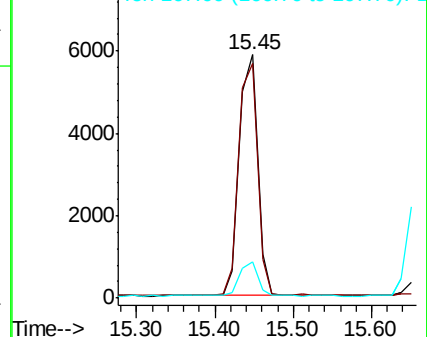
167 14.1 11.5 17.3

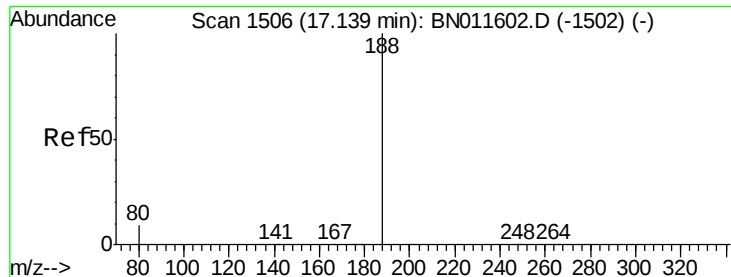


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN011620.D

Acq: 25 Aug 2020 17:48

Instrument :

BNA_N

ClientSampleId :

PB131047BS

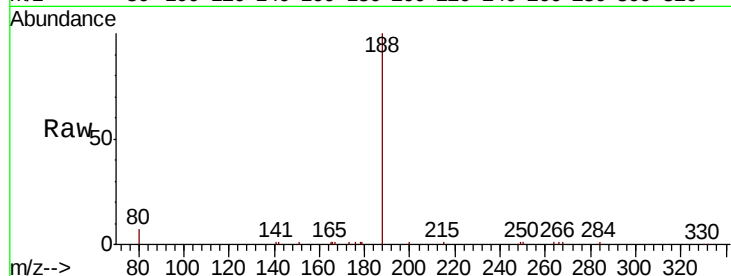
Tot Ion:188 Resp: 12946

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

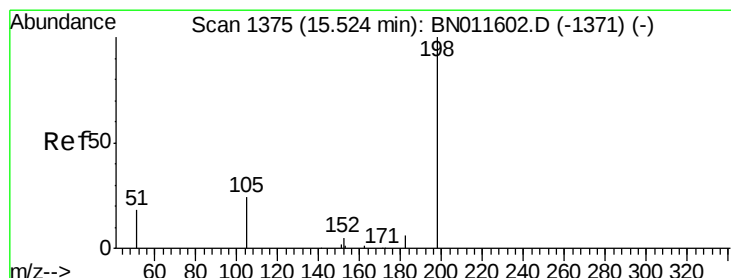
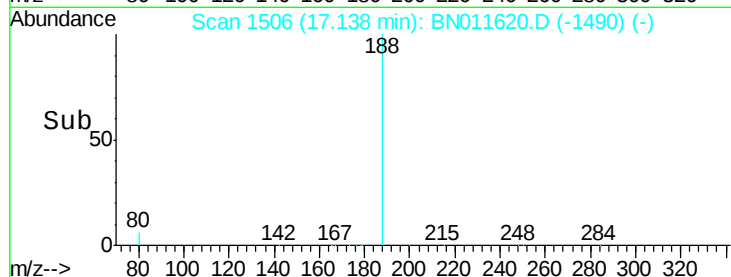
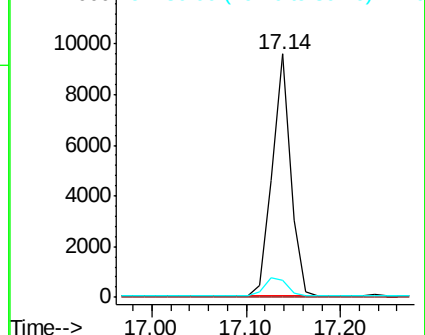
80 7.2 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4,6-Dinitro-2-methylphenol

Concen: 0.435 ng

RT: 15.51 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

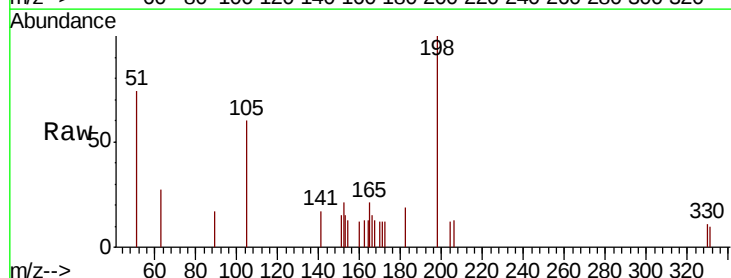
Tgt Ion:198 Resp: 649

Ion Ratio Lower Upper

198 100

51 74.2 99.6 149.4#

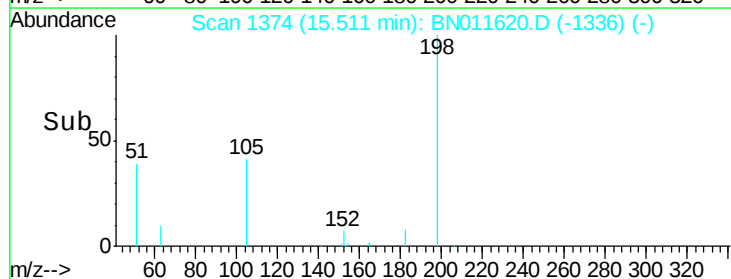
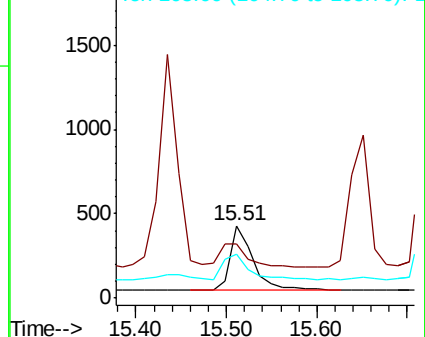
105 60.0 118.8 178.2#

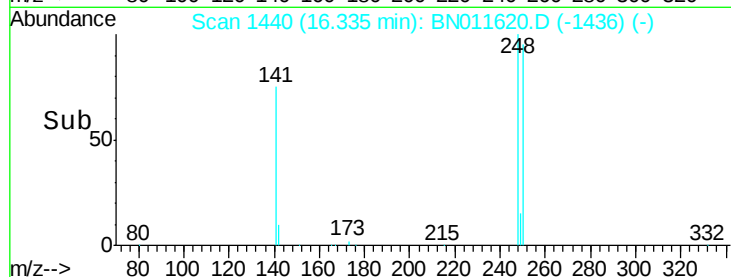
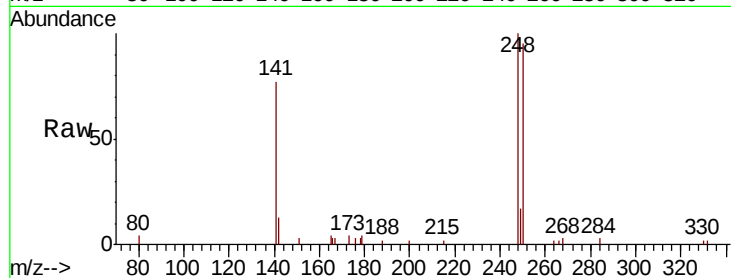
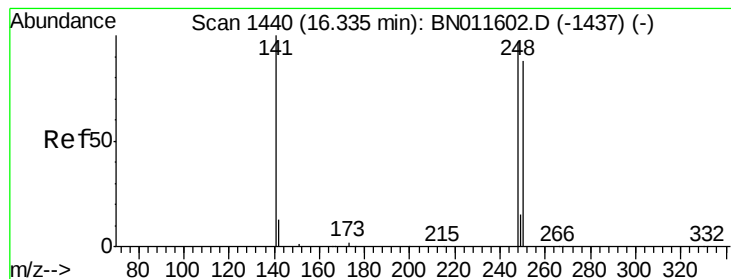


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E

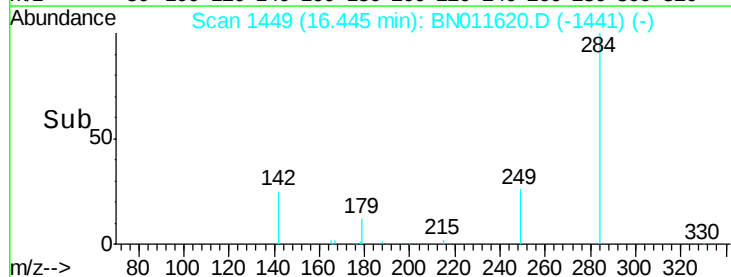
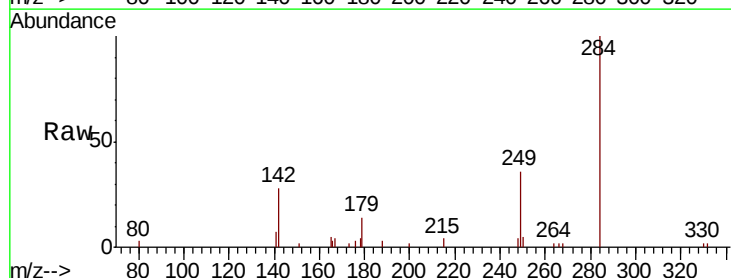
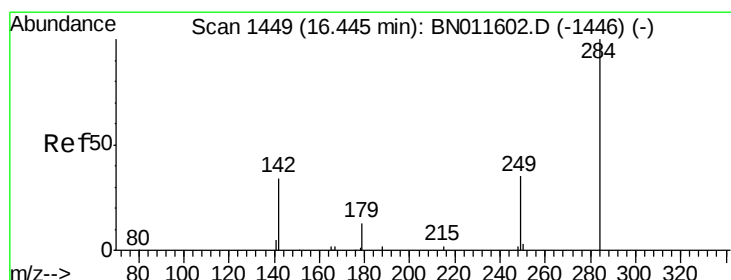
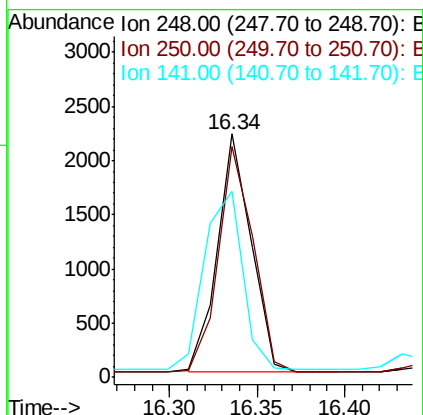




#21
4-Bromophenyl-phenylether
Concen: 0.391 ng
RT: 16.34 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BN011620.D
Acq: 25 Aug 2020 17:48

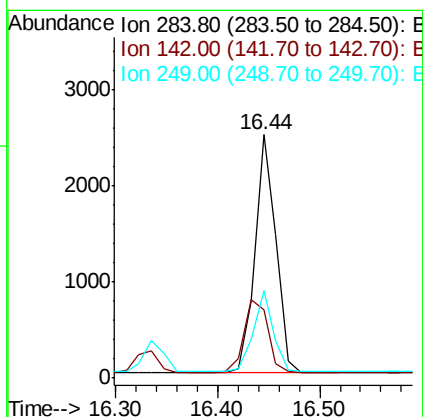
Instrument :
BNA_N
ClientSampleId :
PB131047BS

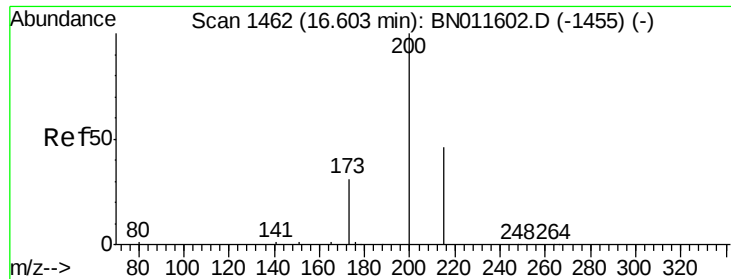
Tot Ion:248 Resp: 2953
Ion Ratio Lower Upper
248 100
250 94.9 73.4 110.2
141 76.6 88.5 132.7#



#22
Hexachlorobenzene
Concen: 0.405 ng
RT: 16.44 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BN011620.D
Acq: 25 Aug 2020 17:48

Tgt Ion:284 Resp: 3538
Ion Ratio Lower Upper
284 100
142 34.3 27.3 40.9
249 32.4 25.2 37.8

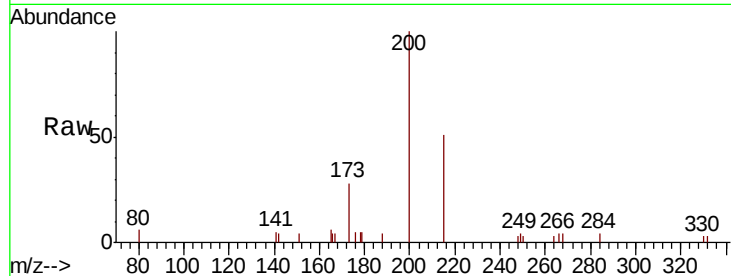




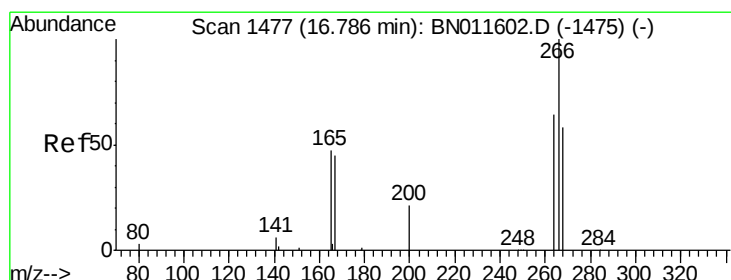
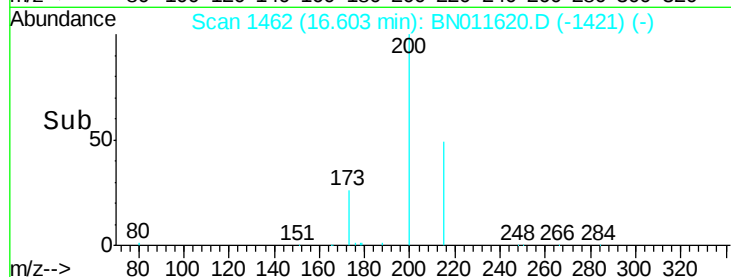
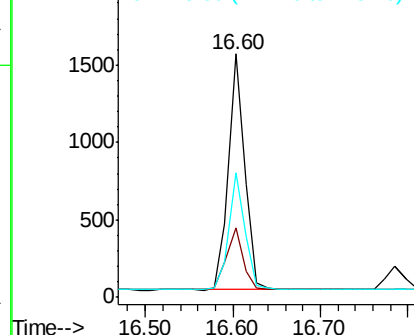
#23
Atrazine
Concen: 0.266 ng
RT: 16.60 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BN011620.D
Acq: 25 Aug 2020 17:48

Instrument :
BNA_N
ClientSampleId :
PB131047BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	28.2	42.4
215	51.3	39.8	59.6

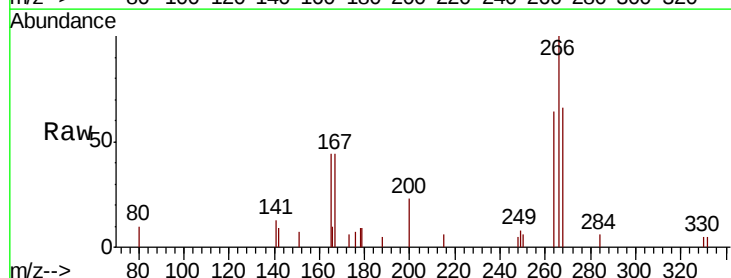


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

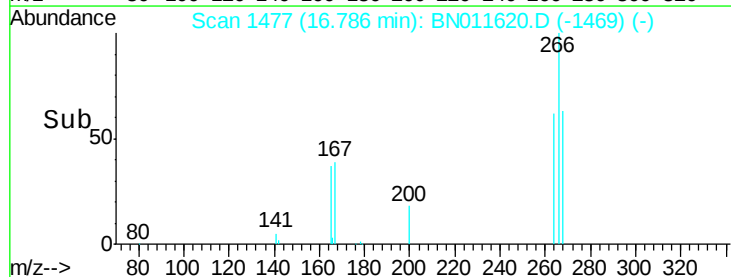
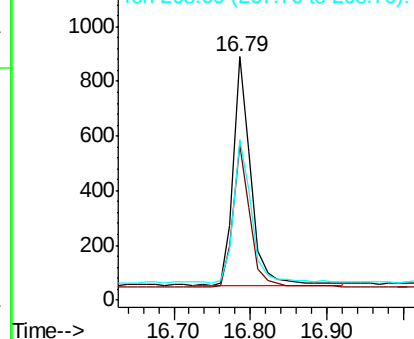


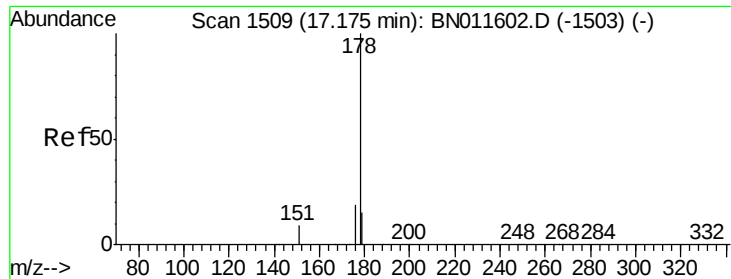
#24
Pentachlorophenol
Concen: 0.345 ng
RT: 16.79 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BN011620.D
Acq: 25 Aug 2020 17:48

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.8	48.1	72.1
268	62.2	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: 0.391 ng

RT: 17.17 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

Instrument :

BNA_N

ClientSampleId :

PB131047BS

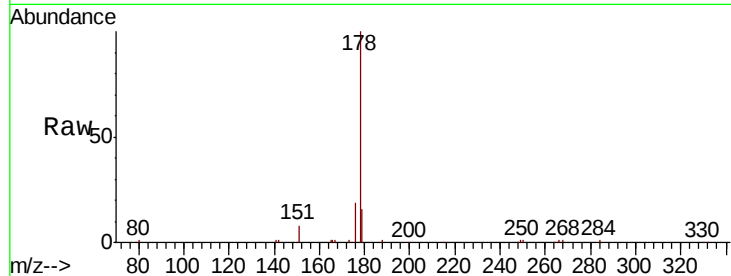
Tot Ion:178 Resp: 15732

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

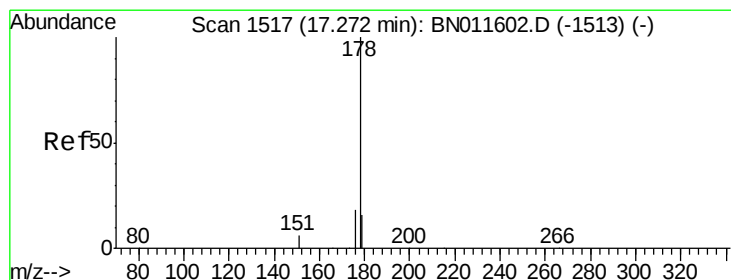
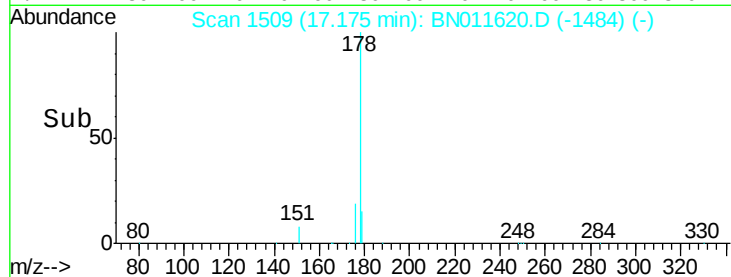
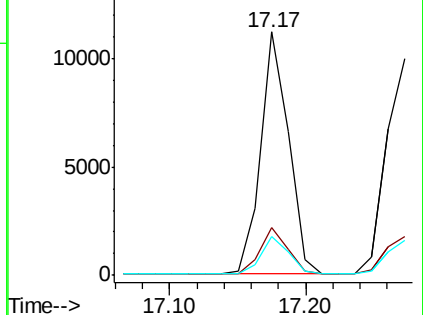
179 15.8 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

15000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#26

Anthracene

Concen: 0.370 ng

RT: 17.27 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

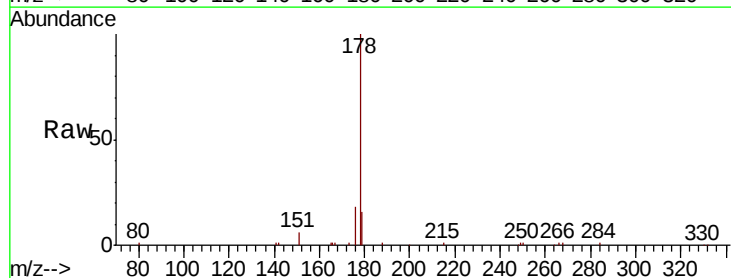
Tgt Ion:178 Resp: 14638

Ion Ratio Lower Upper

178 100

176 17.8 14.6 21.8

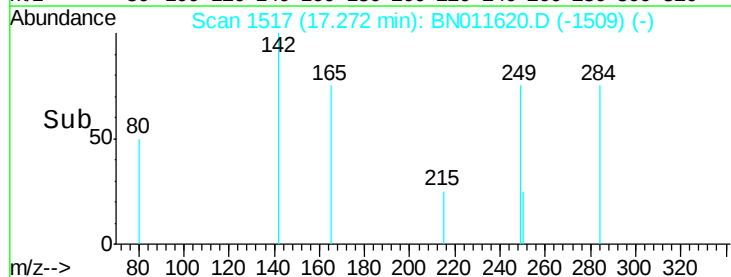
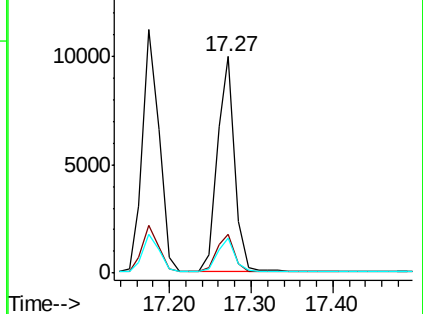
179 15.9 12.5 18.7

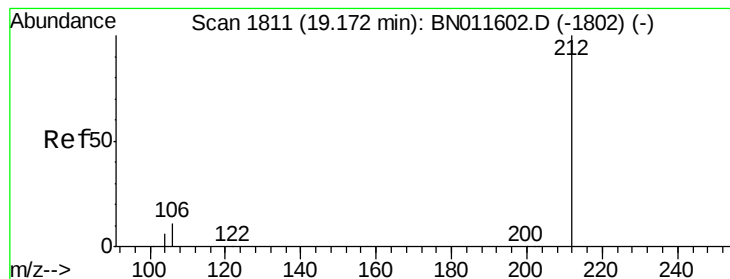


Abundance Ion 178.00 (177.70 to 178.70): E

15000 Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#27

Fluoranthene-d10

Concen: 0.377 ng

RT: 19.17 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

Instrument :

BNA_N

ClientSampleId :

PB131047BS

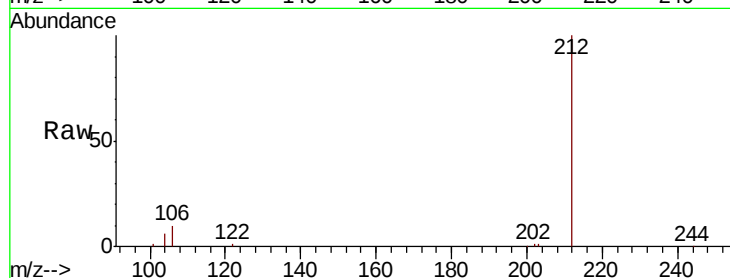
Tot Ion:212 Resp: 15900

Ion Ratio Lower Upper

212 100

106 10.3 8.9 13.3

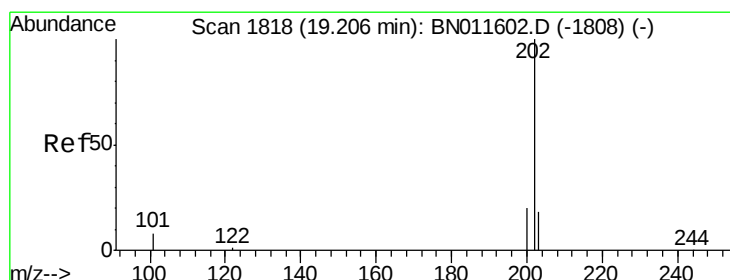
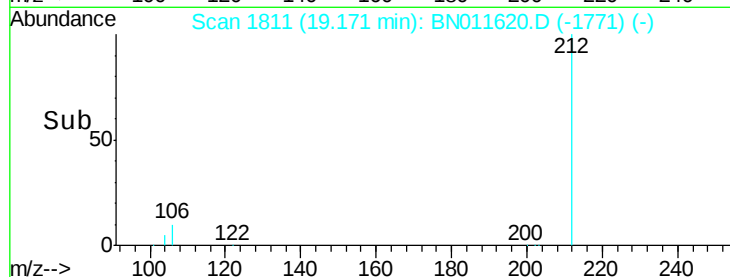
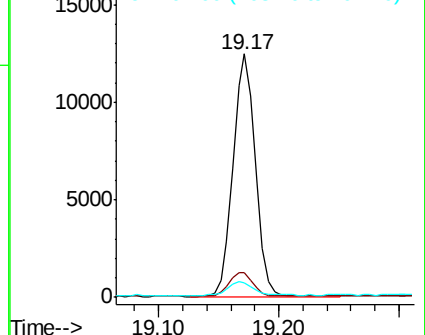
104 5.9 5.3 7.9



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: 0.384 ng

RT: 19.20 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

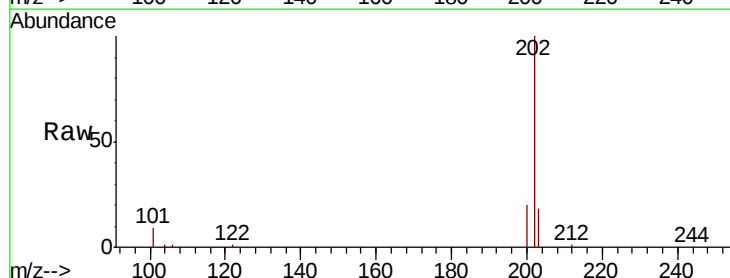
Tgt Ion:202 Resp: 18708

Ion Ratio Lower Upper

202 100

101 9.0 7.7 11.5

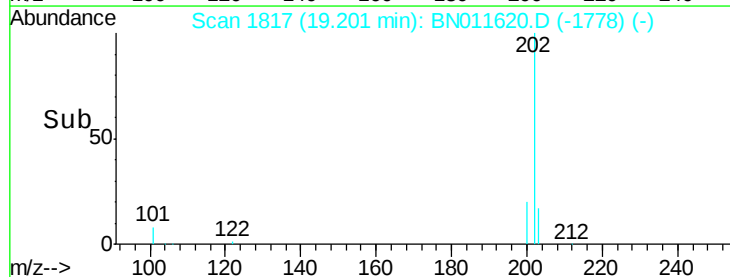
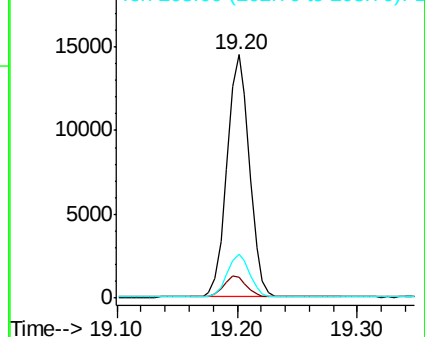
203 17.3 13.9 20.9

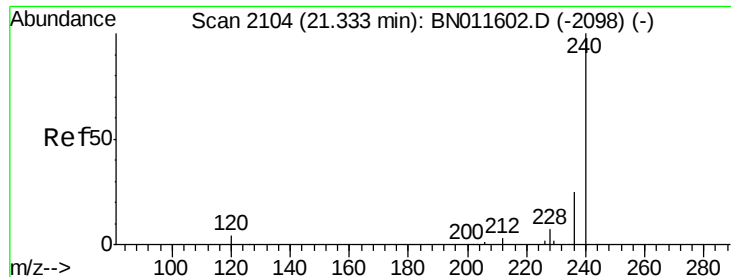


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.33 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

Instrument :

BNA_N

ClientSampleId :

PB131047BS

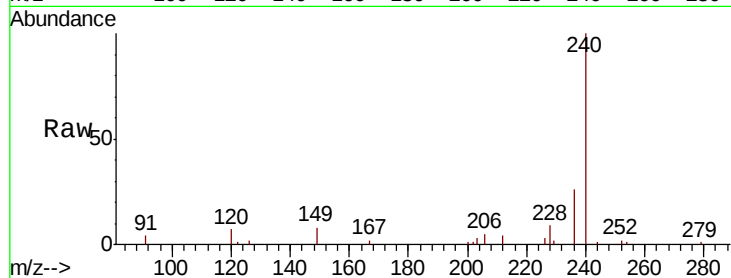
Tot Ion:240 Resp: 13664

Ion Ratio Lower Upper

240 100

120 6.9 6.0 9.0

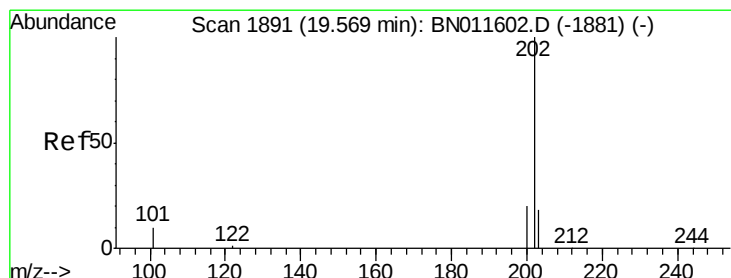
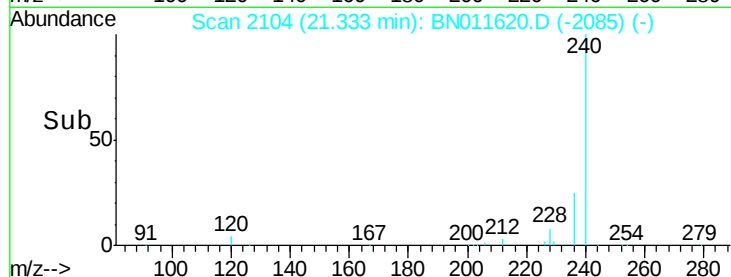
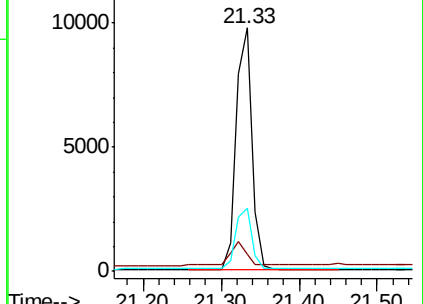
236 25.9 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#30

Pyrene

Concen: 0.393 ng

RT: 19.56 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

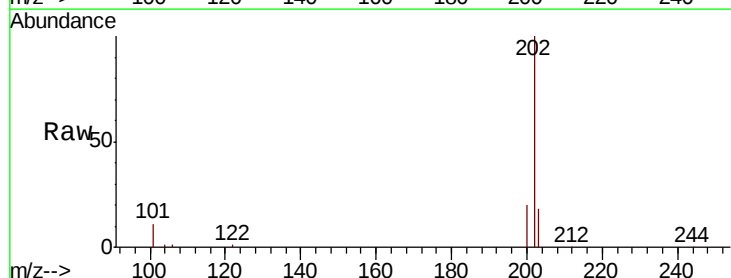
Tgt Ion:202 Resp: 19060

Ion Ratio Lower Upper

202 100

200 20.3 16.3 24.5

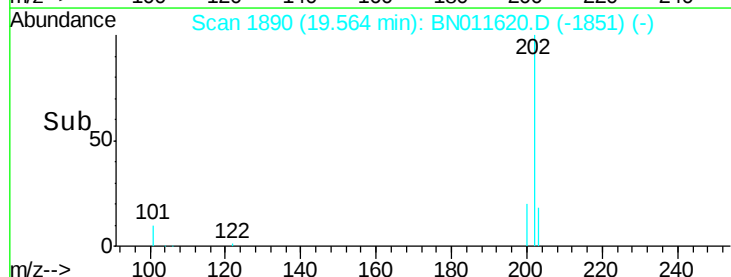
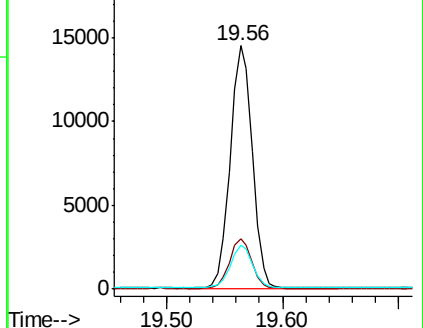
203 17.4 14.2 21.4

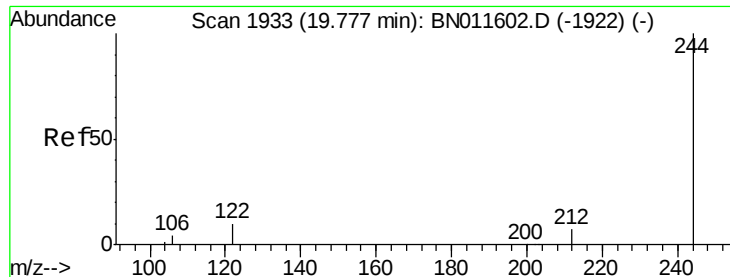


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.412 ng

RT: 19.78 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

Instrument :

BNA_N

ClientSampleId :

PB131047BS

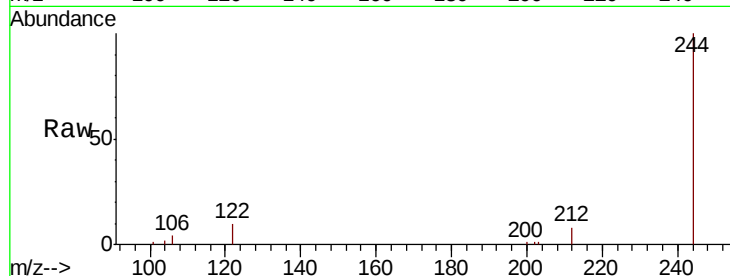
Tot Ion:244 Resp: 14391

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

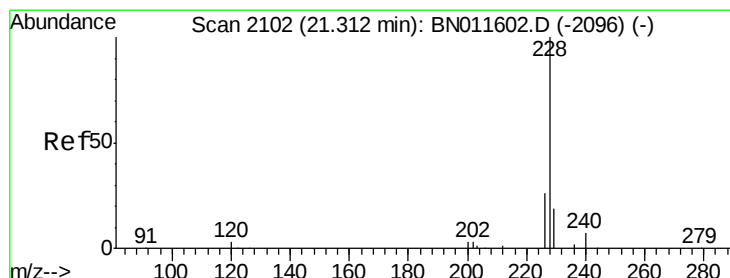
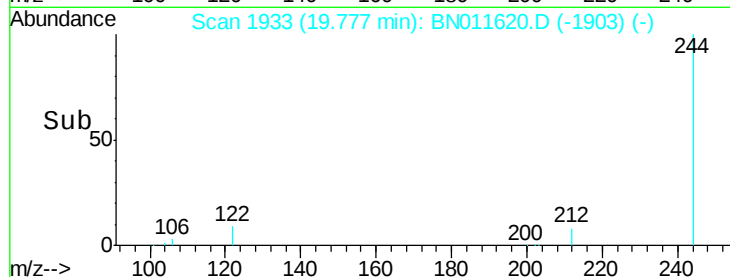
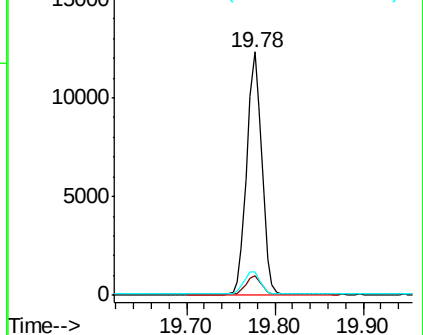
122 9.7 9.5 14.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#32

Benzo(a)anthracene

Concen: 0.401 ng

RT: 21.31 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

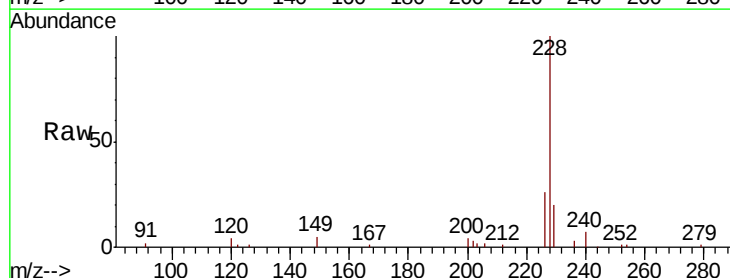
Tgt Ion:228 Resp: 19779

Ion Ratio Lower Upper

228 100

226 26.4 21.2 31.8

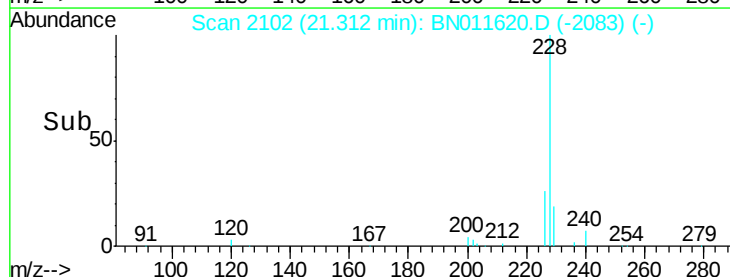
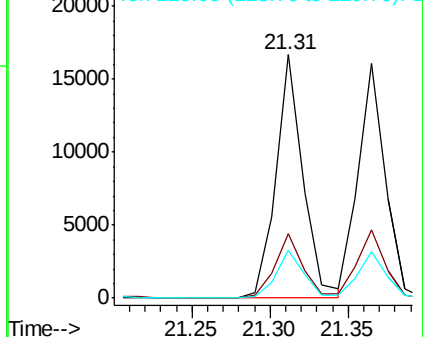
229 19.7 15.8 23.8

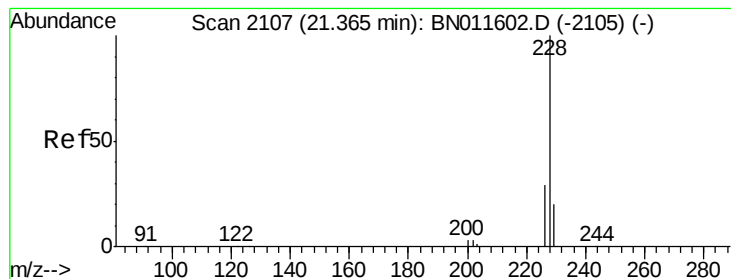


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.407 ng

RT: 21.36 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

Instrument :

BNA_N

ClientSampleId :

PB131047BS

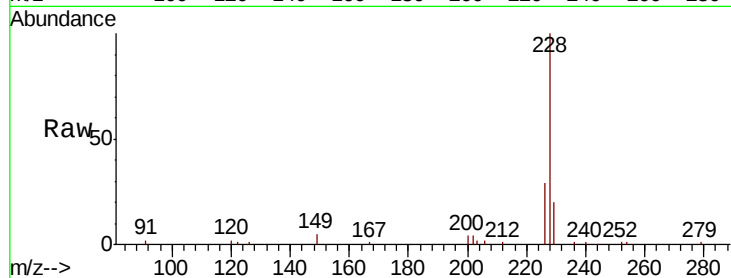
Tot Ion:228 Resp: 19099

Ion Ratio Lower Upper

228 100

226 29.3 23.6 35.4

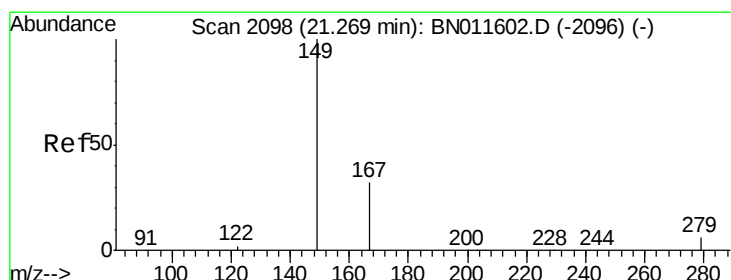
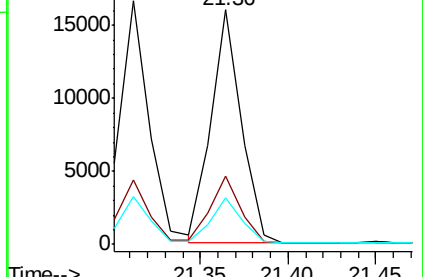
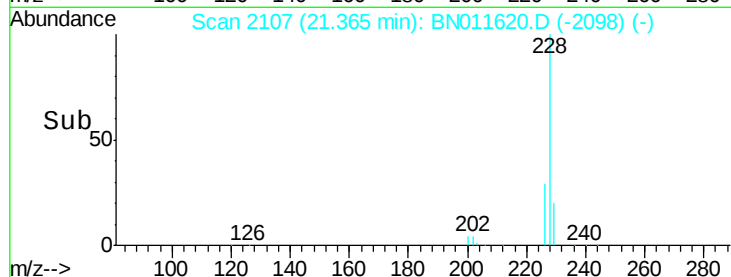
229 19.9 16.0 24.0



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: 0.263 ng

RT: 21.26 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

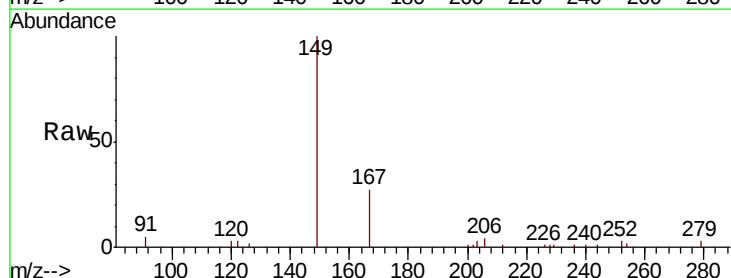
Tgt Ion:149 Resp: 9692

Ion Ratio Lower Upper

149 100

167 29.2 20.6 31.0

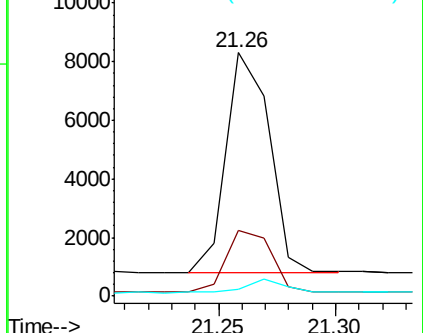
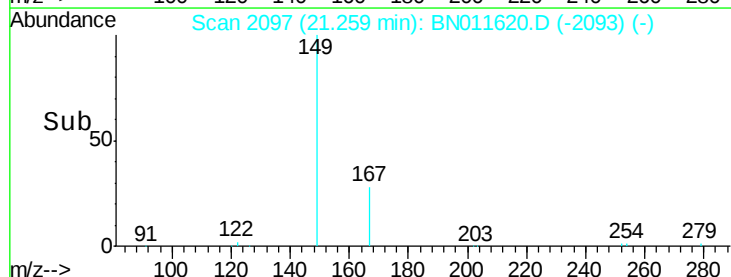
279 5.1 3.8 5.8

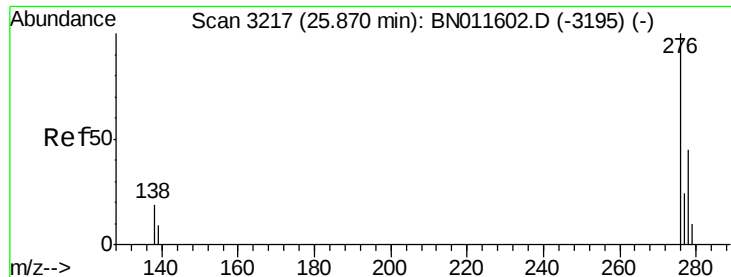


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#35

Indeno(1,2,3-cd)pyrene

Concen: 0.414 ng

RT: 25.87 min Scan# 3217

Delta R.T. -0.00 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

Instrument :

BNA_N

ClientSampleId :

PB131047BS

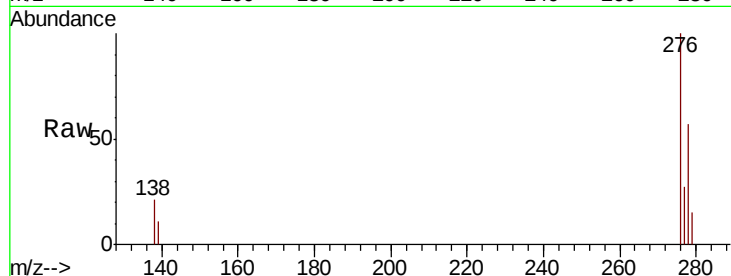
Tot Ion:276 Resp: 23713

Ion Ratio Lower Upper

276 100

138 20.2 0.0 0.0#

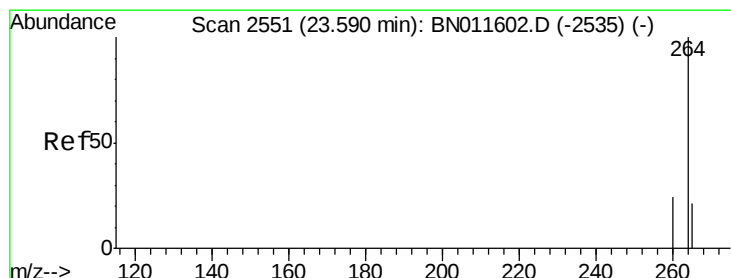
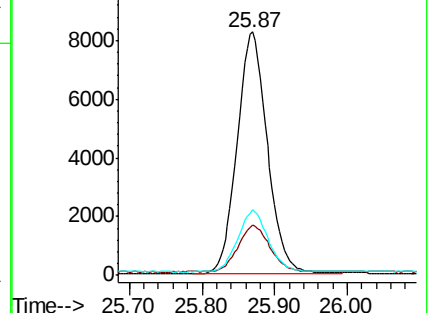
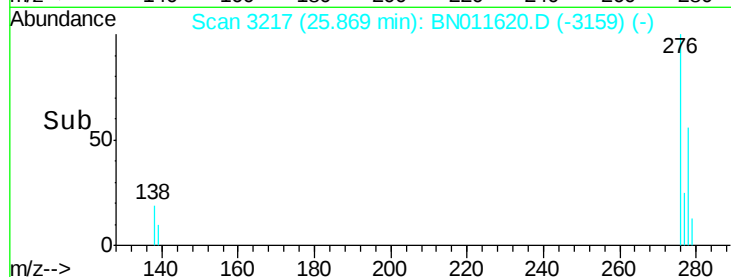
277 25.9 0.0 0.0#



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# 2551

Delta R.T. -0.00 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

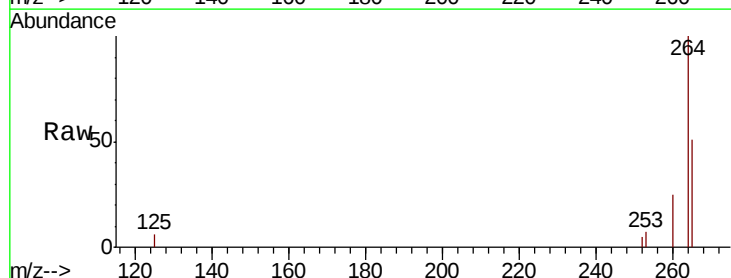
Tgt Ion:264 Resp: 13937

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

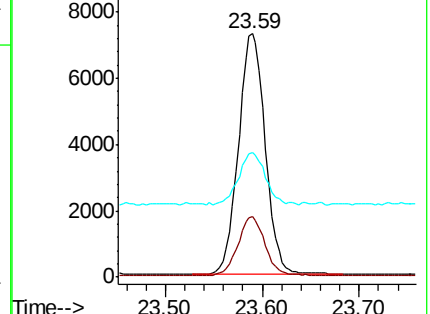
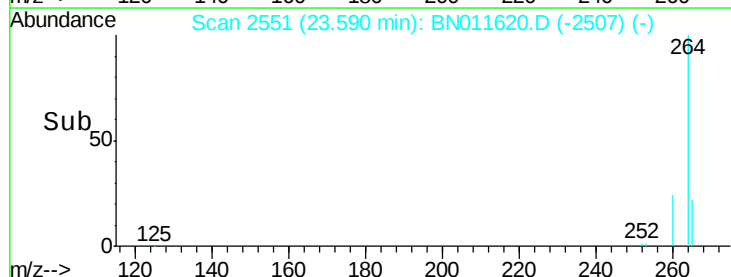
265 51.2 40.7 61.1

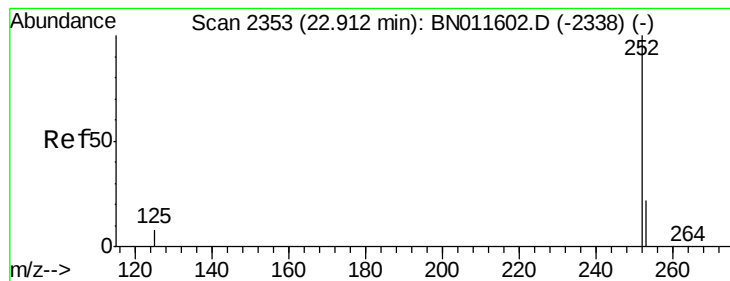


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#37

Benzo(b)fluoranthene

Concen: 0.399 ng

RT: 22.91 min Scan# 2353

Delta R.T. -0.00 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

Instrument :

BNA_N

ClientSampleId :

PB131047BS

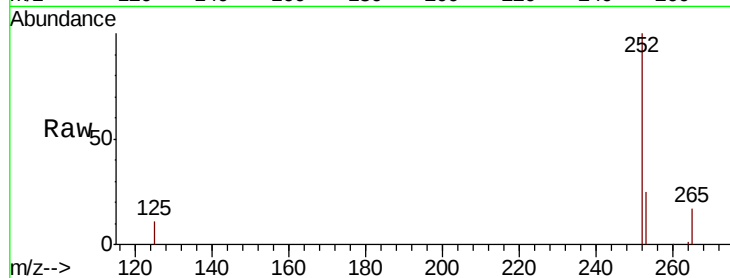
Tot Ion:252 Resp: 20166

Ion Ratio Lower Upper

252 100

253 24.7 21.0 31.6

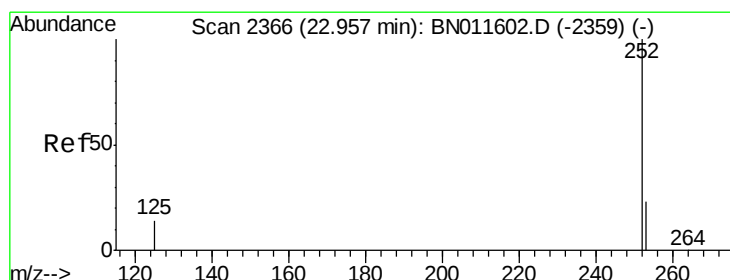
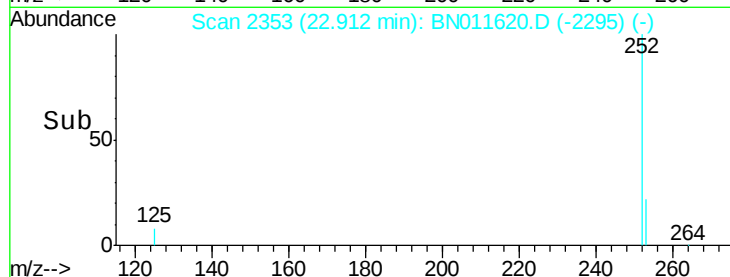
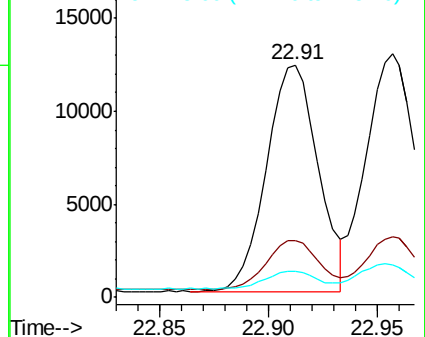
125 11.1 11.0 16.6



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: 0.411 ng

RT: 22.96 min Scan# 2366

Delta R.T. -0.00 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

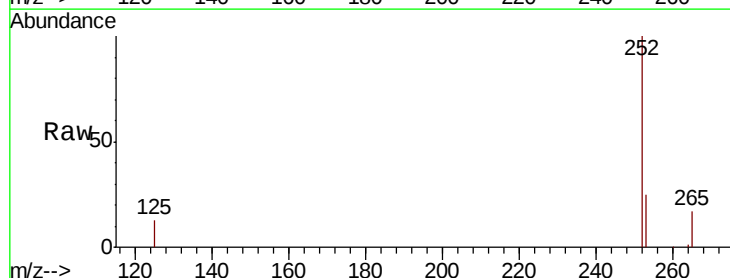
Tgt Ion:252 Resp: 20645

Ion Ratio Lower Upper

252 100

253 24.9 21.2 31.8

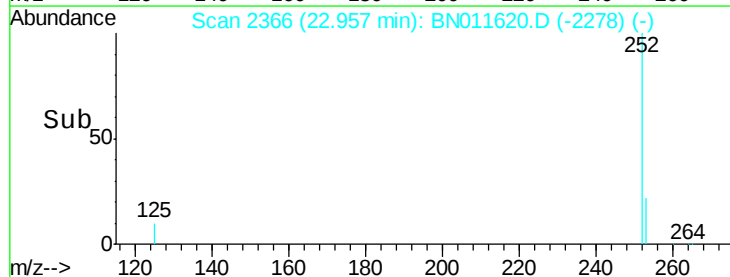
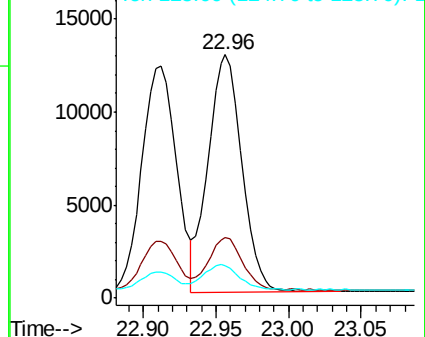
125 13.3 14.6 21.8#

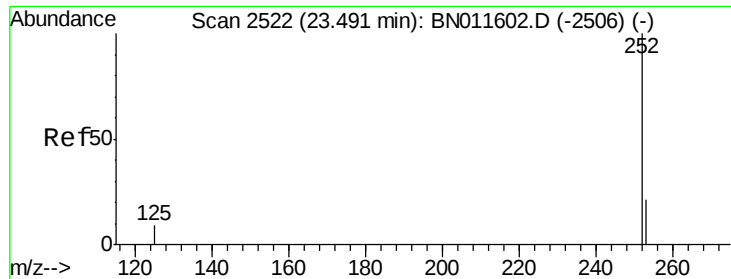


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.395 ng

RT: 23.49 min Scan# 2522

Delta R.T. -0.00 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

Instrument :

BNA_N

ClientSampleId :

PB131047BS

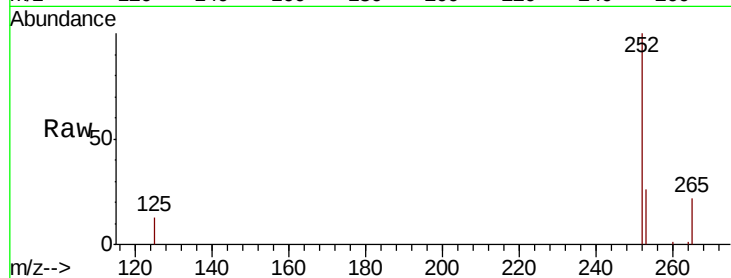
Tot Ion:252 Resp: 18577

Ion Ratio Lower Upper

252 100

253 25.7 21.2 31.8

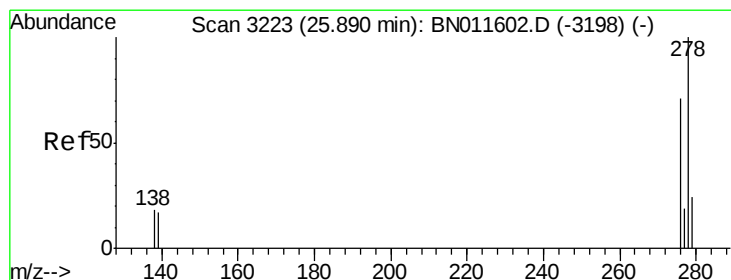
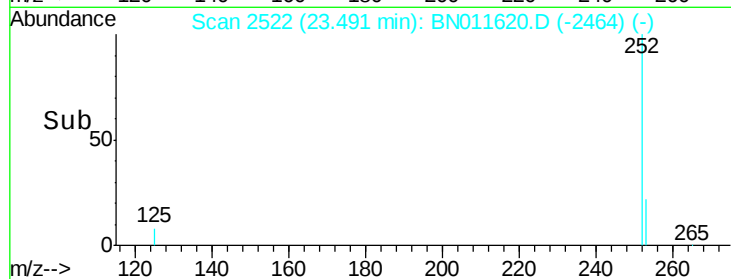
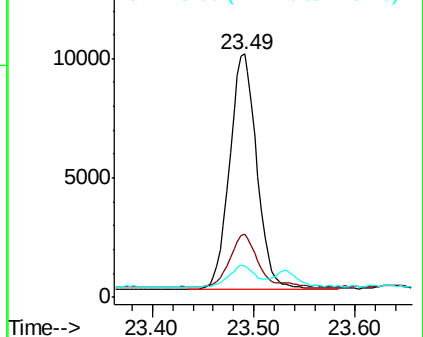
125 12.6 12.1 18.1



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: 0.402 ng

RT: 25.89 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

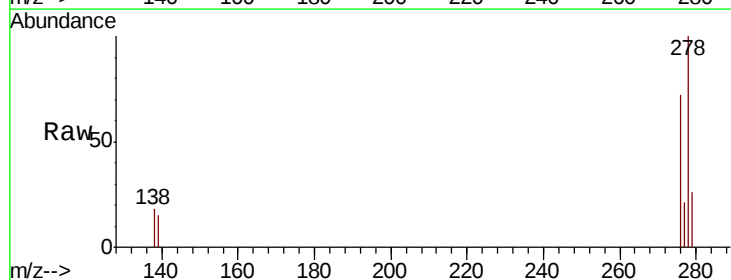
Tgt Ion:278 Resp: 19756

Ion Ratio Lower Upper

278 100

139 15.3 16.6 25.0#

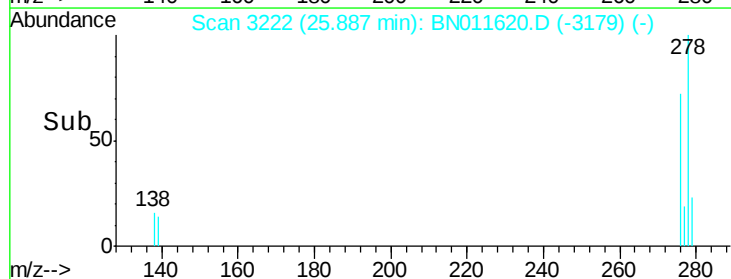
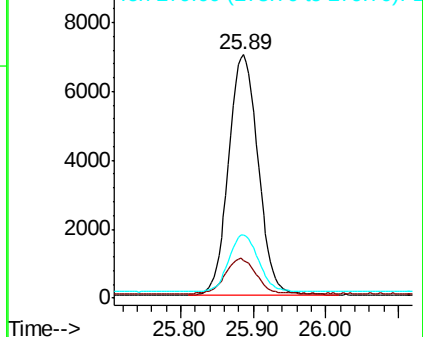
279 25.8 21.4 32.2

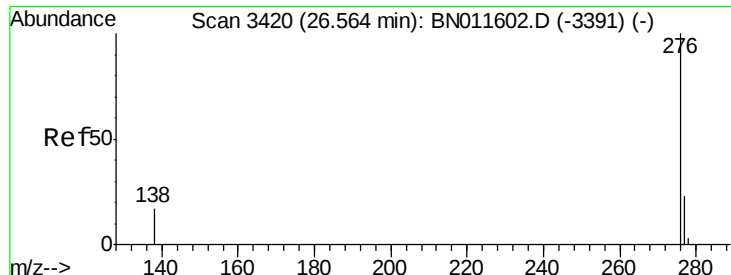


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.398 ng

RT: 26.56 min Scan# 3419

Delta R.T. -0.00 min

Lab File: BN011620.D

Acq: 25 Aug 2020 17:48

Instrument :

BNA_N

ClientSampleId :

PB131047BS

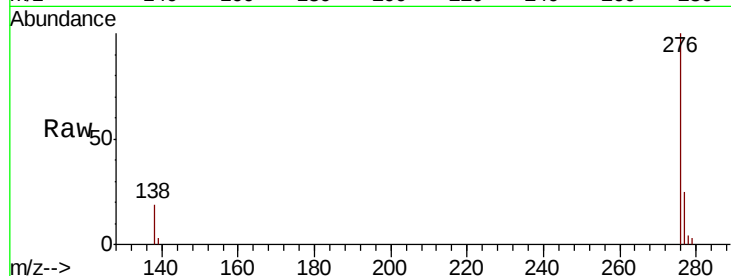
Tot Ion:276 Resp: 19017

Ion Ratio Lower Upper

276 100

277 25.4 20.5 30.7

138 19.0 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

