

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
 Data File : BN011630.D
 Acq On : 26 Aug 2020 00:26
 Operator : CG/JU
 Sample : PB131179BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131179BS

Quant Time: Aug 26 02:31:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 25 03:31:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2127	0.40	ng	0.00
7) Naphthalene-d8	10.54	136	8353	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	5315	0.40	ng	0.00
19) Phenanthrene-d10	17.14	188	12092	0.40	ng	0.00
29) Chrysene-d12	21.32	240	12426	0.40	ng	-0.01
36) Perylene-d12	23.59	264	12663	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	2411	0.35	ng	0.00
5) Phenol-d6	6.92	99	3380	0.35	ng	0.00
8) Nitrobenzene-d5	8.89	82	3090	0.43	ng	-0.01
11) 2-Methylnaphthalene-d10	12.13	152	6139	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	979	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	8791	0.42	ng	-0.01
27) Fluoranthene-d10	19.17	212	14743	0.37	ng	0.00
31) Terphenyl-d14	19.77	244	13223	0.42	ng	0.00

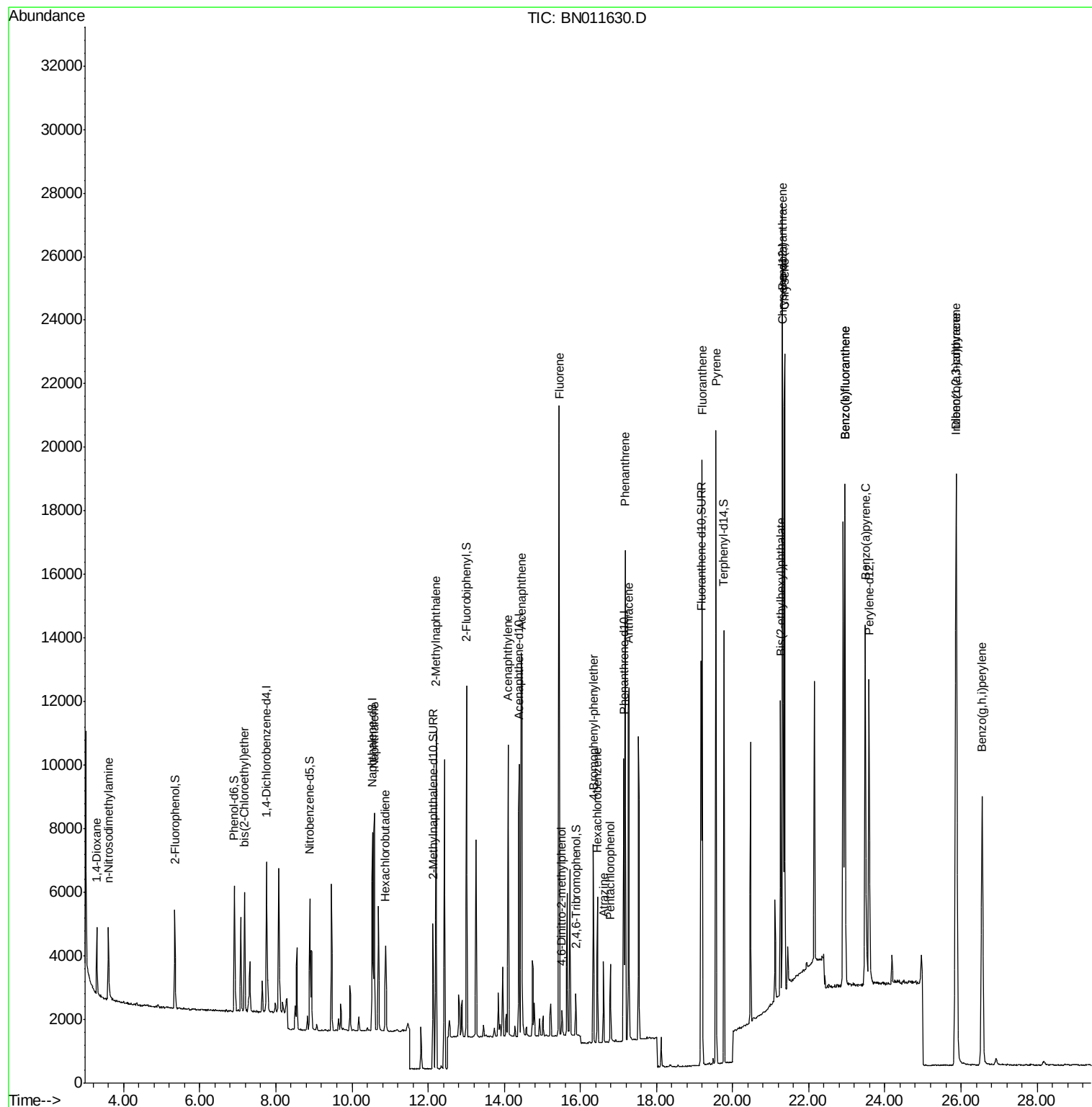
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.30	88	1331	0.403	ng	# 1
3) n-Nitrosodimethylamine	3.60	42	1620	0.466	ng	# 92
6) bis(2-Chloroethyl)ether	7.18	93	2695	0.395	ng	95
9) Naphthalene	10.59	128	9461	0.398	ng	95
10) Hexachlorobutadiene	10.88	225	2090	0.420	ng	# 97
12) 2-Methylnaphthalene	12.21	142	6935	0.396	ng	98
16) Acenaphthylene	14.10	152	10295	0.368	ng	99
17) Acenaphthene	14.46	154	7209	0.406	ng	98
18) Fluorene	15.45	166	9198	0.400	ng	99
20) 4,6-Dinitro-2-methylphenol	15.51	198	688	0.493	ng	# 37
21) 4-Bromophenyl-phenylether	16.34	248	2780	0.394	ng	# 74
22) Hexachlorobenzene	16.44	284	3443	0.422	ng	99
23) Atrazine	16.60	200	1806	0.259	ng	# 93
24) Pentachlorophenol	16.79	266	1169	0.325	ng	96
25) Phenanthrene	17.18	178	14959	0.398	ng	99
26) Anthracene	17.27	178	13581	0.367	ng	100
28) Fluoranthene	19.20	202	17635	0.387	ng	99
30) Pyrene	19.56	202	17875	0.406	ng	100
32) Benzo(a)anthracene	21.31	228	17324	0.387	ng	99
33) Chrysene	21.36	228	18193	0.426	ng	99
34) Bis(2-ethylhexyl)phthalate	21.26	149	7378	0.203	ng	94
35) Indeno(1,2,3-cd)pyrene	25.86	276	23014	0.441	ng	# 100
37) Benzo(b)fluoranthene	22.95	252	19340	0.422	ng	96
38) Benzo(k)fluoranthene	22.95	252	19340	0.424	ng	# 92
39) Benzo(a)pyrene	23.49	252	16669	0.390	ng	# 95
40) Dibenzo(a,h)anthracene	25.88	278	19110	0.428	ng	# 93
41) Benzo(g,h,i)perylene	26.55	276	18229	0.420	ng	# 95

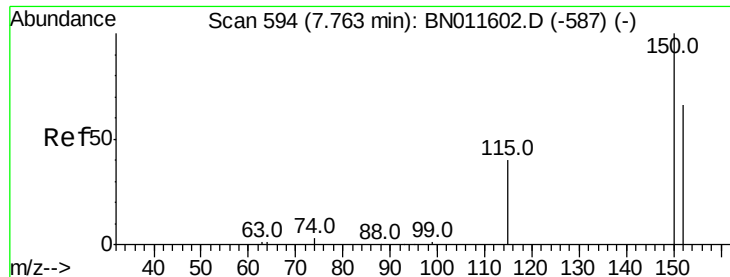
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN011630.D

Acq: 26 Aug 2020 00:26

Instrument :

BNA_N

ClientSampleId :

PB131179BS

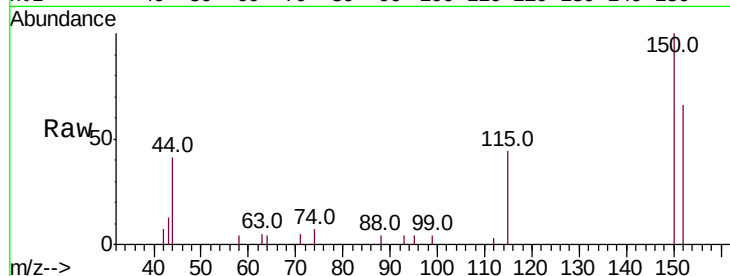
Tot Ion:152 Resp: 2127

Ion Ratio Lower Upper

152 100

150 151.5 112.4 168.6

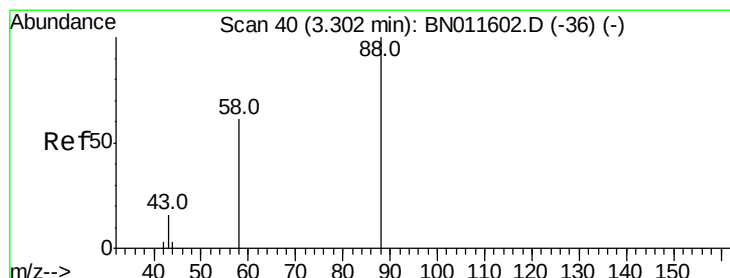
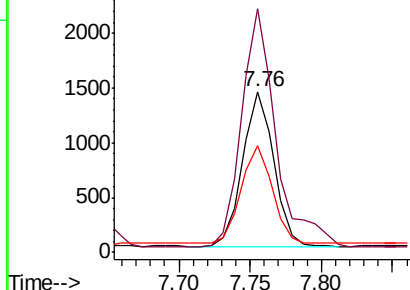
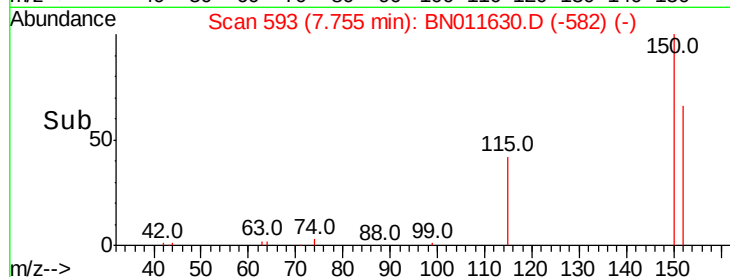
115 66.5 56.9 85.3



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: 0.403 ng

RT: 3.30 min Scan# 40

Delta R.T. -0.00 min

Lab File: BN011630.D

Acq: 26 Aug 2020 00:26

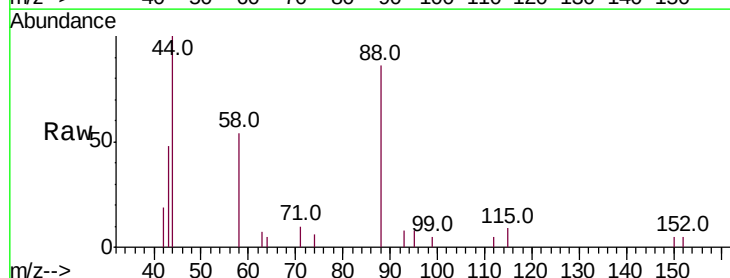
Tgt Ion: 88 Resp: 1331

Ion Ratio Lower Upper

88 100

58 72.8 3.0 4.4#

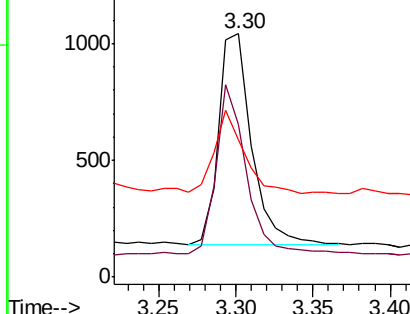
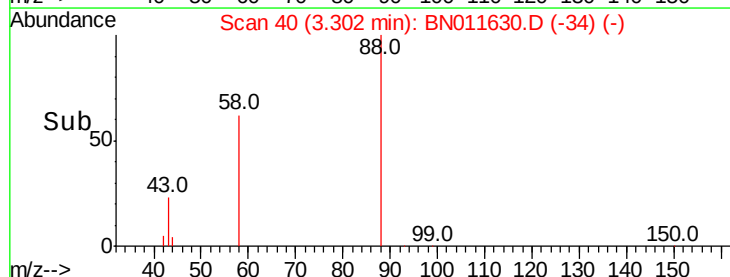
43 35.6 0.0 0.0#

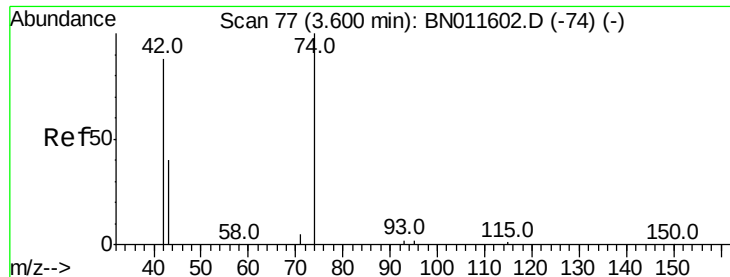


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.466 ng

RT: 3.60 min Scan# 77

Delta R.T. -0.00 min

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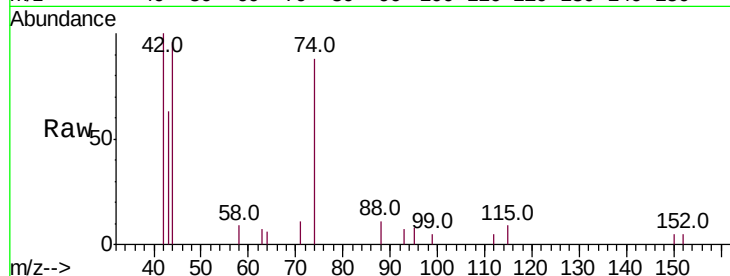
Tot Ion: 42 Resp: 1620

Ion Ratio Lower Upper

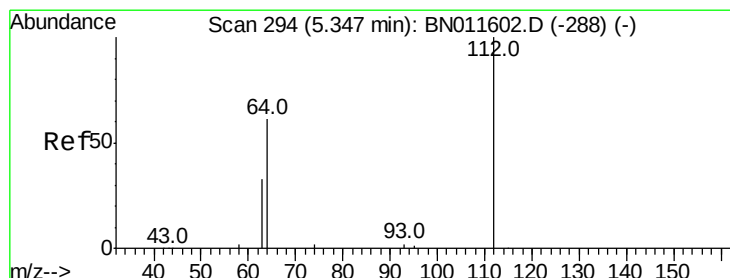
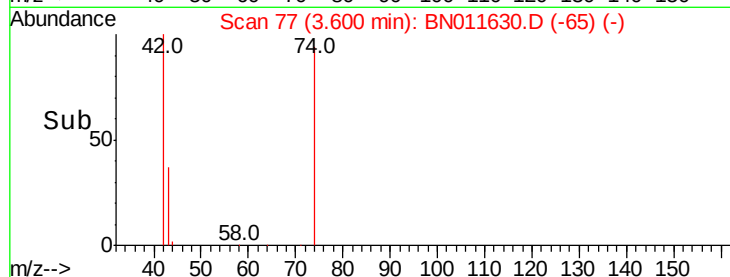
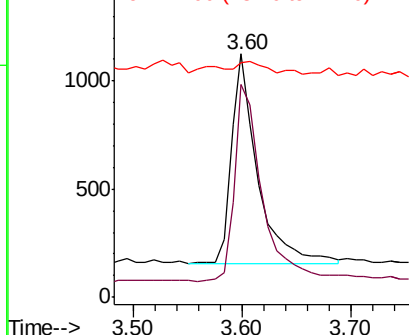
42 100

74 101.2 0.0 0.0#

44 7.2 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: 0.355 ng

RT: 5.35 min Scan# 294

Delta R.T. -0.00 min

Lab File: BN011630.D

Acq: 26 Aug 2020 00:26

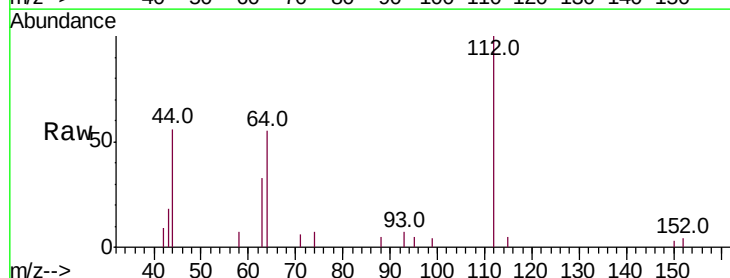
Tgt Ion: 112 Resp: 2411

Ion Ratio Lower Upper

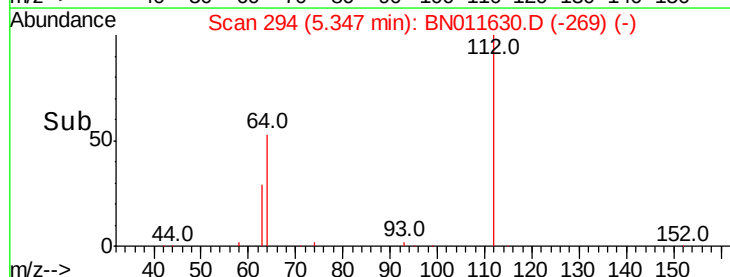
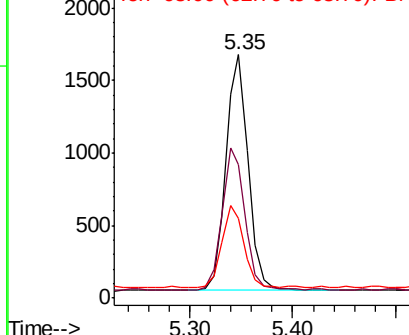
112 100

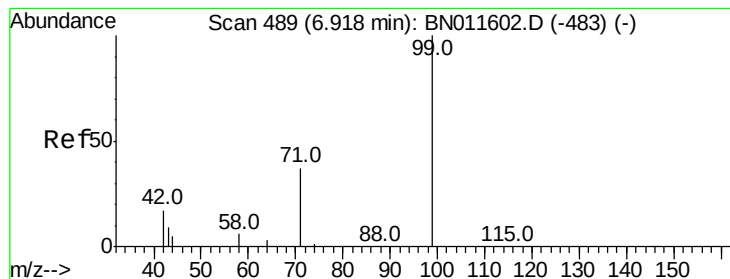
64 62.5 49.6 74.4

63 34.5 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: 0.352 ng

RT: 6.92 min Scan# 489

Delta R.T. -0.00 min

Lab File: BN011630.D

Acq: 26 Aug 2020 00:26

Instrument :

BNA_N

ClientSampleId :

PB131179BS

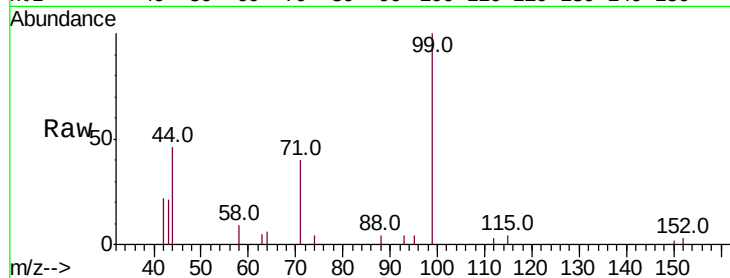
Tot Ion: 99 Resp: 3380

Ion Ratio Lower Upper

99 100

42 24.4 0.0 0.0#

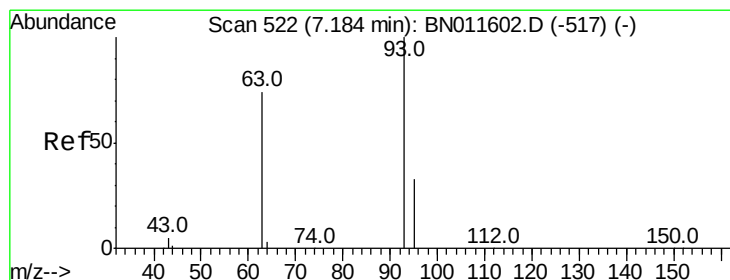
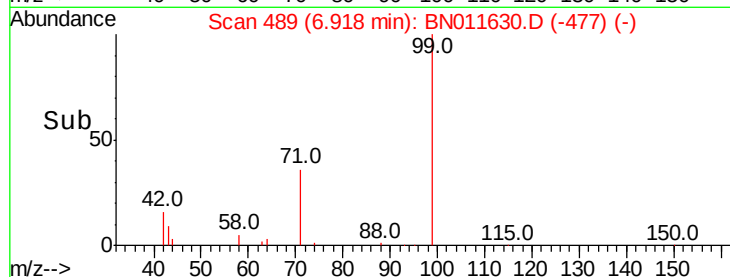
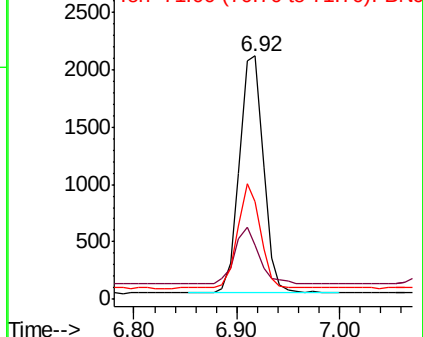
71 41.0 0.0 0.0#



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) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.395 ng

RT: 7.18 min Scan# 522

Delta R.T. -0.00 min

Lab File: BN011630.D

Acq: 26 Aug 2020 00:26

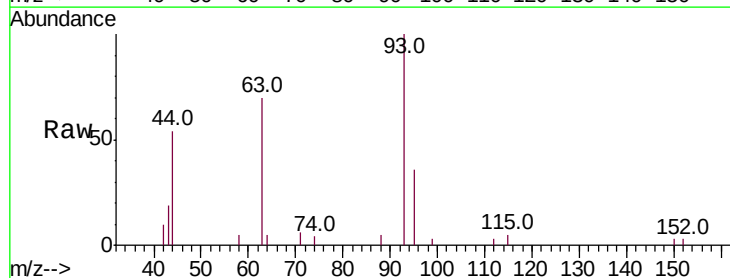
Tgt Ion: 93 Resp: 2695

Ion Ratio Lower Upper

93 100

63 76.8 57.8 86.8

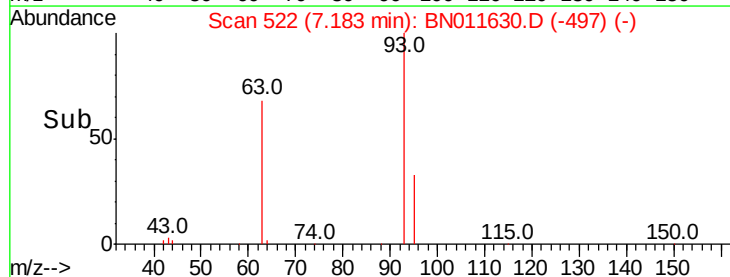
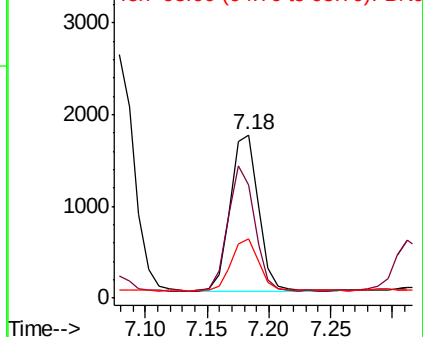
95 32.4 28.3 42.5

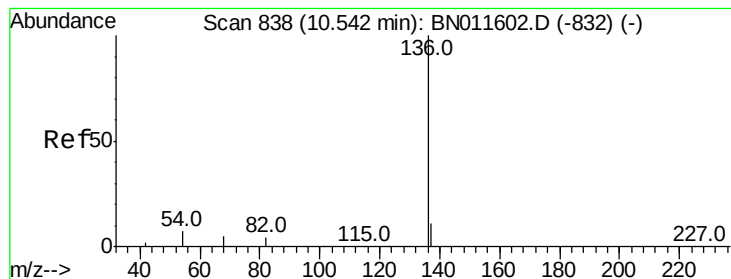


Abundance Ion 93.00 (92.70 to 93.70): BN011602.D (-517) (-)

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

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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.54 min Scan# 838

Delta R.T. -0.00 min

Lab File: BN011630.D

Acq: 26 Aug 2020 00:26

Instrument :

BNA_N

ClientSampleId :

PB131179BS

Tot Ion:136 Resp: 8353

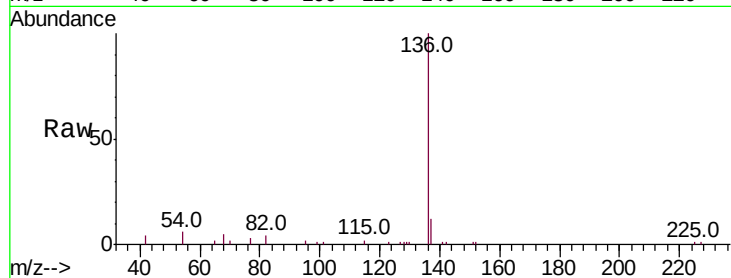
Ion Ratio Lower Upper

136 100

137 11.6 11.5 17.3

54 6.4 11.9 17.9#

68 4.7 12.3 18.5#

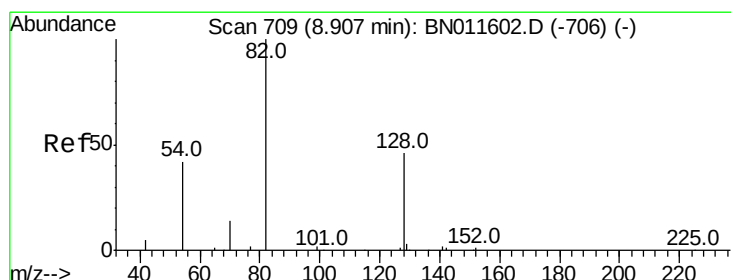
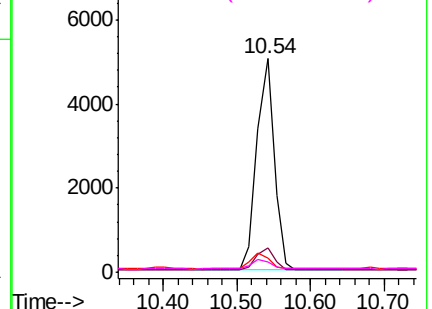
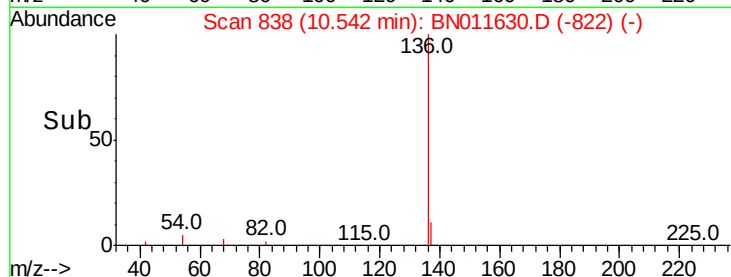


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.427 ng

RT: 8.89 min Scan# 708

Delta R.T. -0.01 min

Lab File: BN011630.D

Acq: 26 Aug 2020 00:26

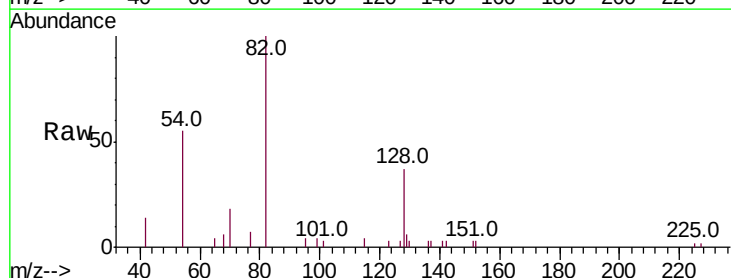
Tgt Ion: 82 Resp: 3090

Ion Ratio Lower Upper

82 100

128 37.0 31.1 46.7

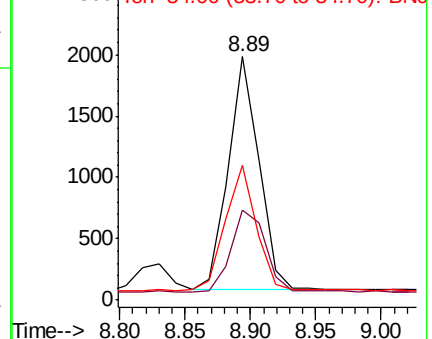
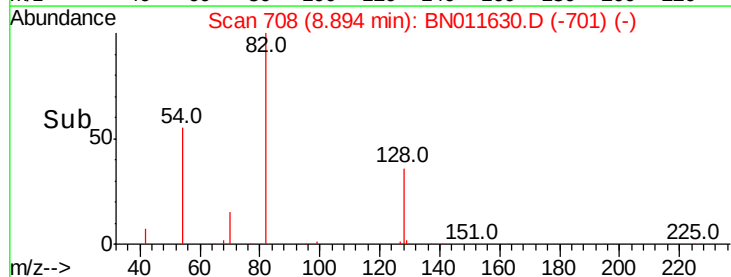
54 55.4 37.1 55.7

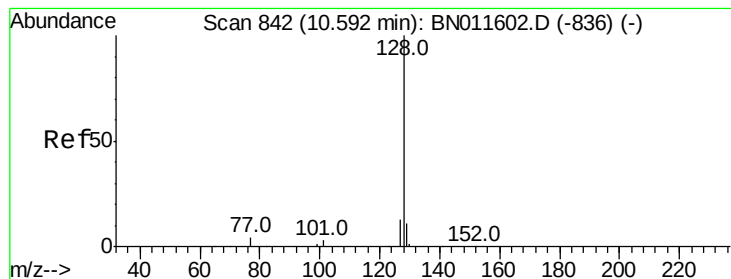


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.398 ng

RT: 10.59 min Scan# 842

Delta R.T. -0.00 min

Lab File: BN011630.D

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Instrument :

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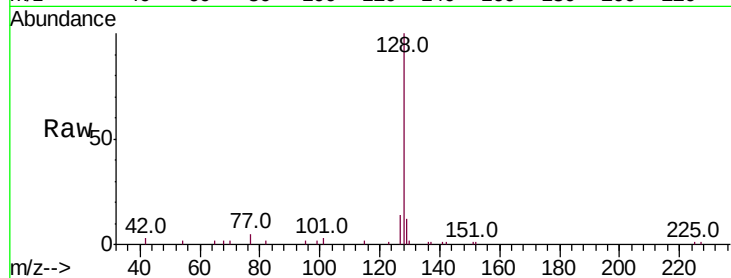
Tot Ion:128 Resp: 9461

Ion Ratio Lower Upper

128 100

129 12.0 11.0 16.4

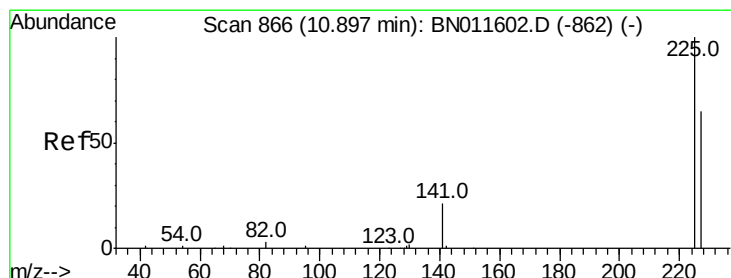
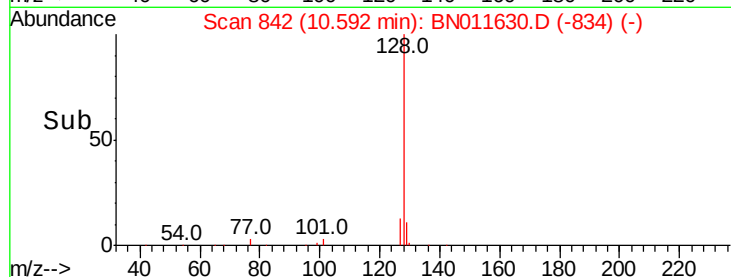
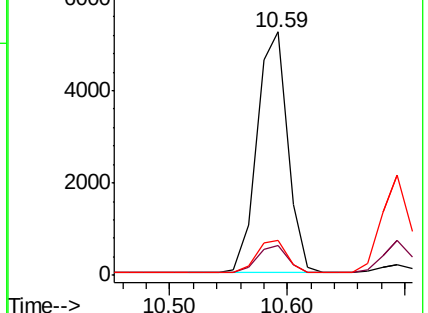
127 14.1 13.5 20.3



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: 0.420 ng

RT: 10.88 min Scan# 865

Delta R.T. -0.01 min

Lab File: BN011630.D

Acq: 26 Aug 2020 00:26

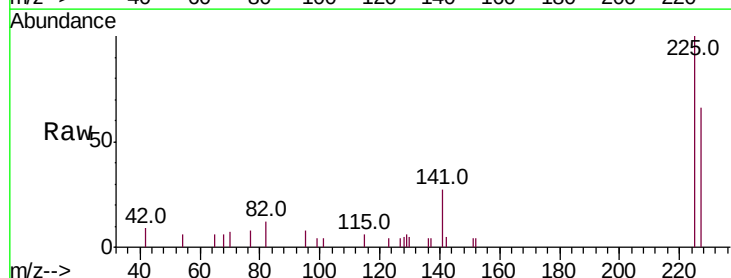
Tgt Ion:225 Resp: 2090

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

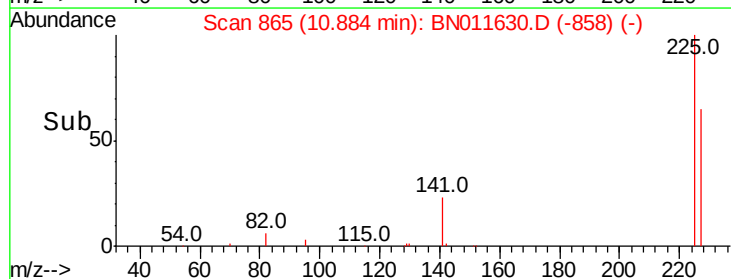
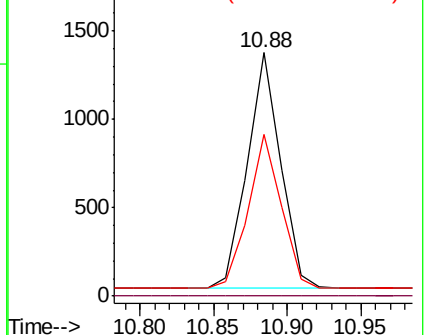
227 64.9 50.2 75.2

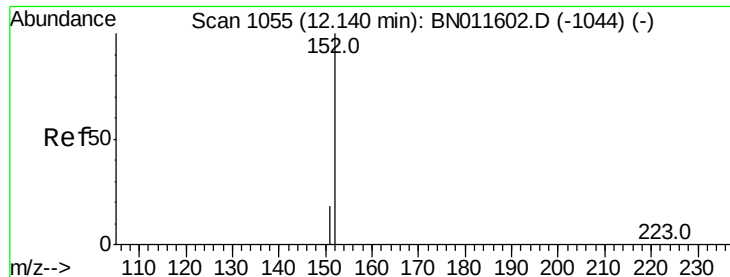


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

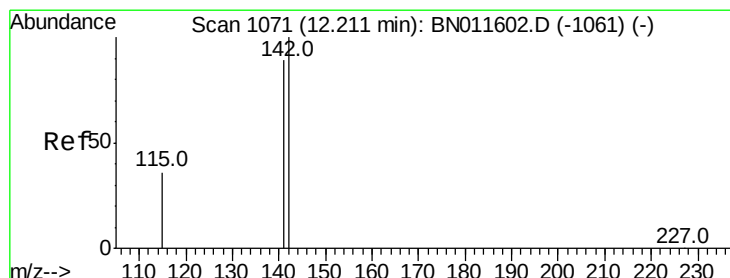
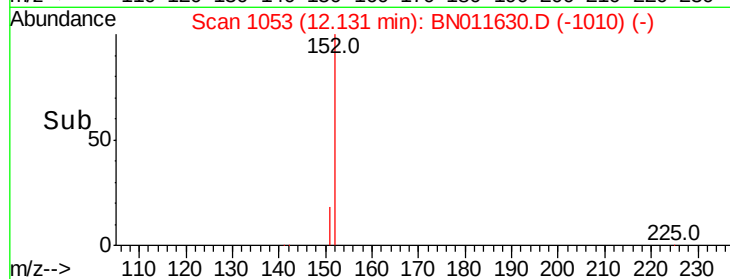
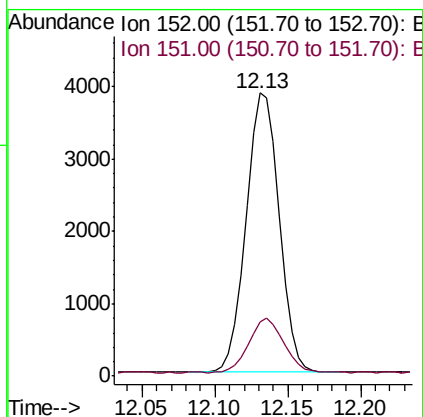
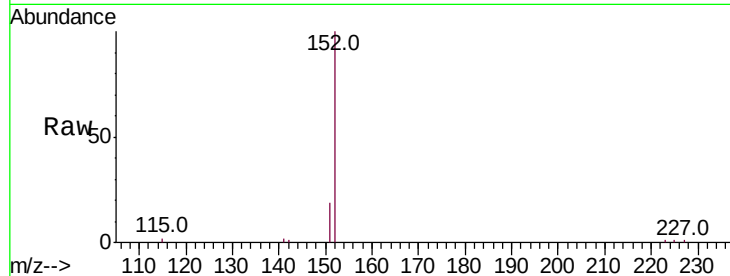




#11
2-Methylnaphthalene-d10
Concen: 0.388 ng
RT: 12.13 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BN011630.D
Acq: 26 Aug 2020 00:26

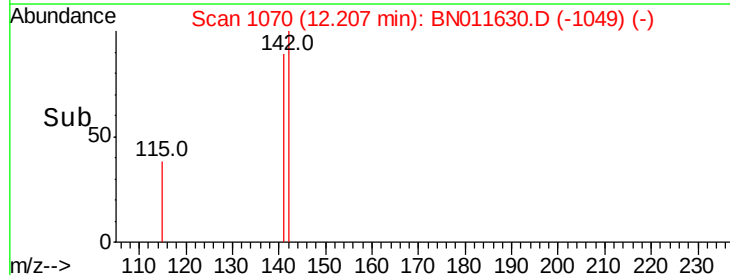
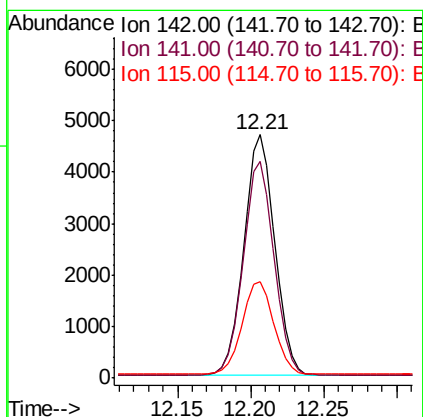
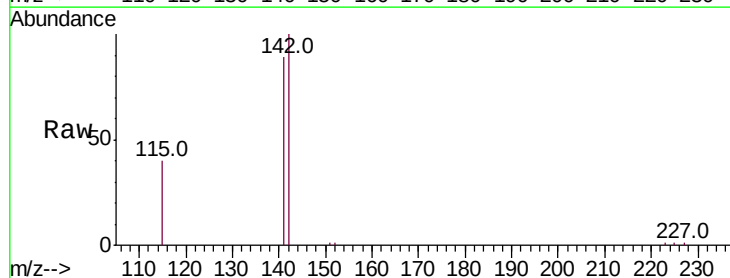
Instrument :
BNA_N
ClientSampleId :
PB131179BS

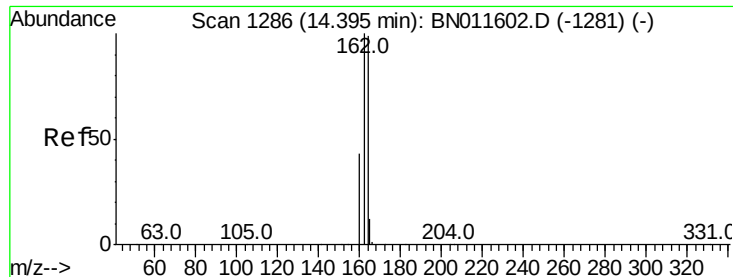
Tot Ion:152 Resp: 6139
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6



#12
2-Methylnaphthalene
Concen: 0.396 ng
RT: 12.21 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BN011630.D
Acq: 26 Aug 2020 00:26

Tgt Ion:142 Resp: 6935
Ion Ratio Lower Upper
142 100
141 88.9 72.7 109.1
115 39.6 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: BN011630.D

Acq: 26 Aug 2020 00:26

Instrument :

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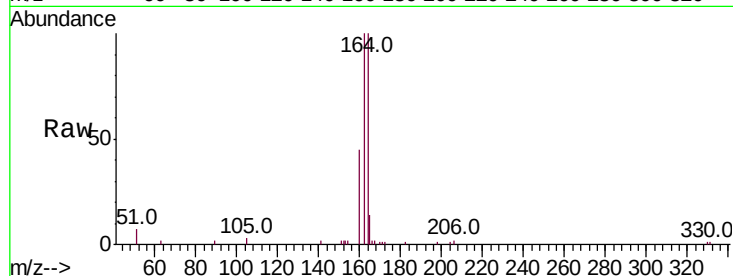
Tot Ion:164 Resp: 5315

Ion Ratio Lower Upper

164 100

162 100.4 80.8 121.2

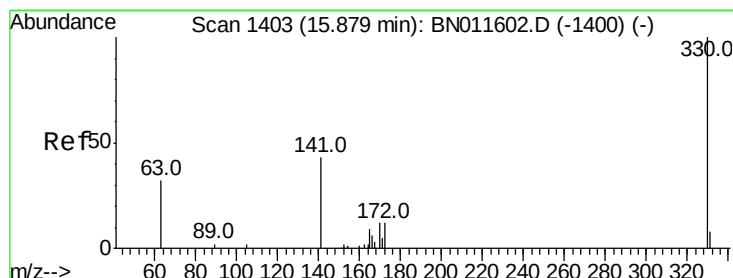
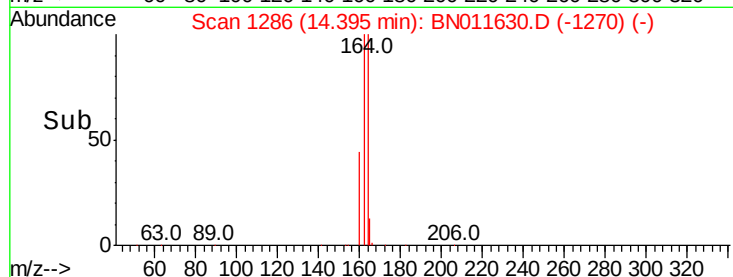
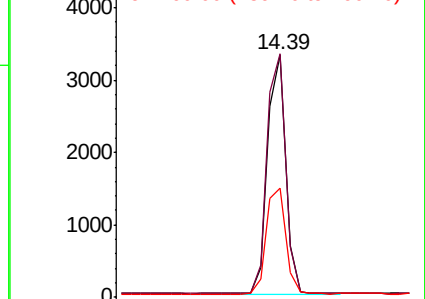
160 45.0 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.335 ng

RT: 15.88 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BN011630.D

Acq: 26 Aug 2020 00:26

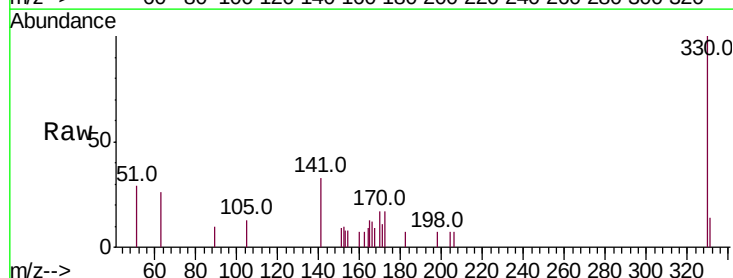
Tgt Ion:330 Resp: 979

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

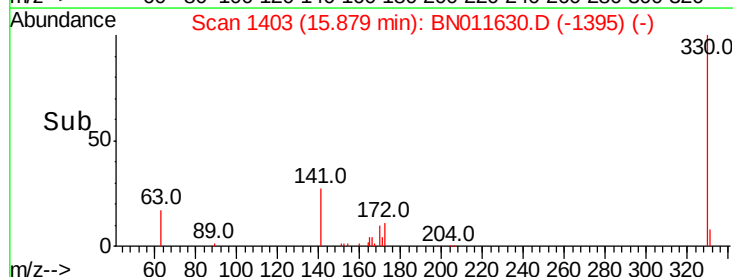
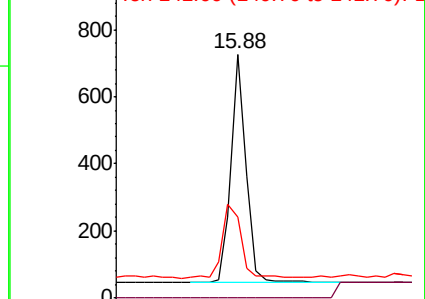
141 39.7 29.4 44.2

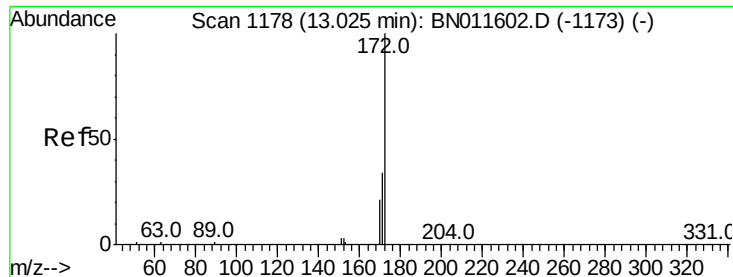


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

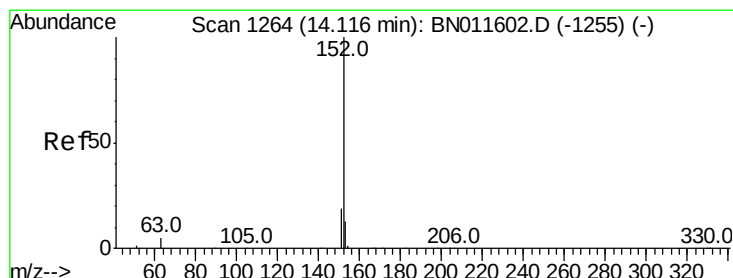
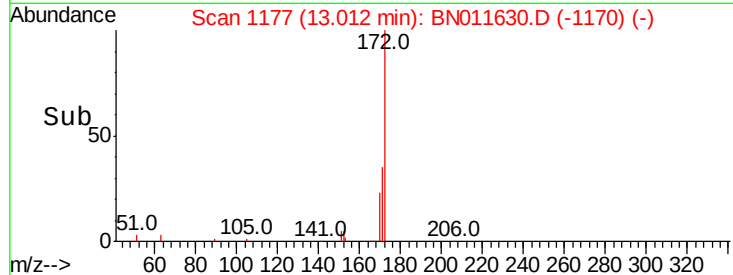
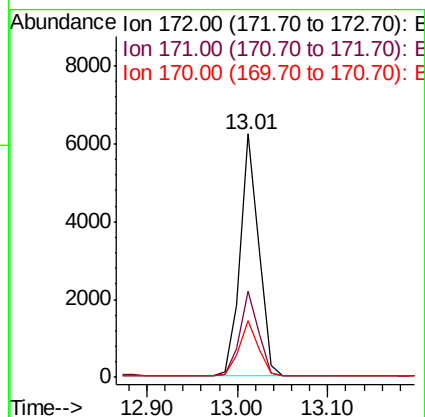
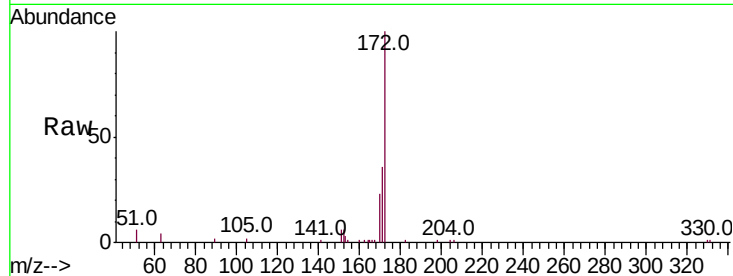




#15
2-Fluorobiphenyl
Concen: 0.425 ng
RT: 13.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN011630.D
Acq: 26 Aug 2020 00:26

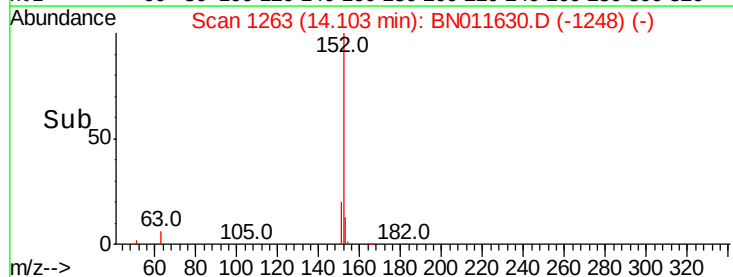
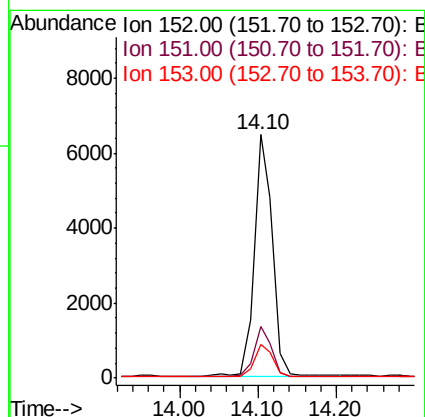
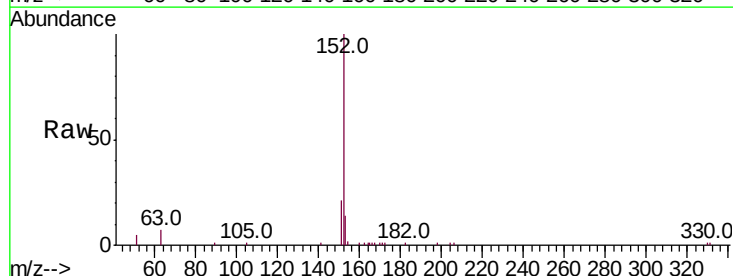
Instrument :
BNA_N
ClientSampleId :
PB131179BS

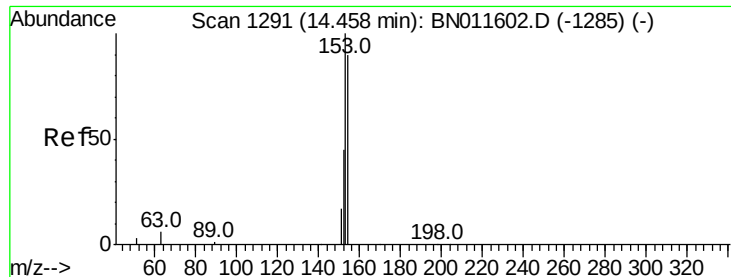
Tot Ion:172 Resp: 8791
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.4 18.2 27.2



#16
Acenaphthylene
Concen: 0.368 ng
RT: 14.10 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BN011630.D
Acq: 26 Aug 2020 00:26

Tgt Ion:152 Resp: 10295
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 13.3 11.0 16.4





#17

Acenaphthene

Concen: 0.406 ng

RT: 14.46 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BN011630.D

Acq: 26 Aug 2020 00:26

Instrument :

BNA_N

ClientSampleId :

PB131179BS

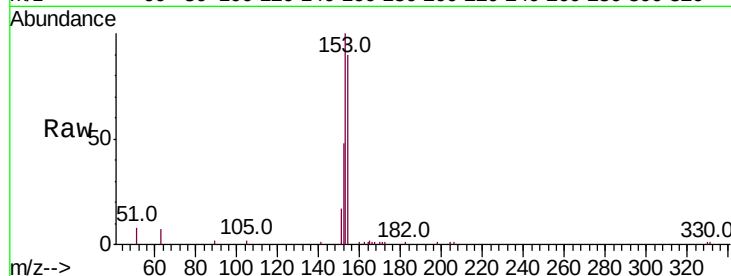
Tot Ion:154 Resp: 7209

Ion Ratio Lower Upper

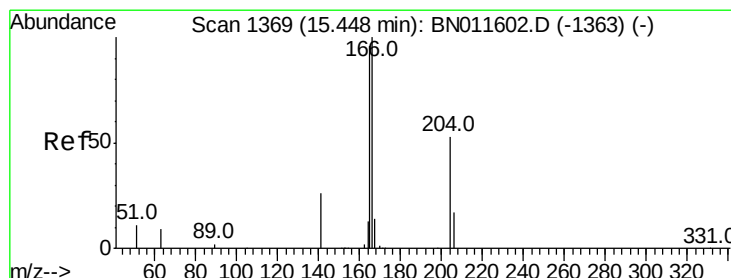
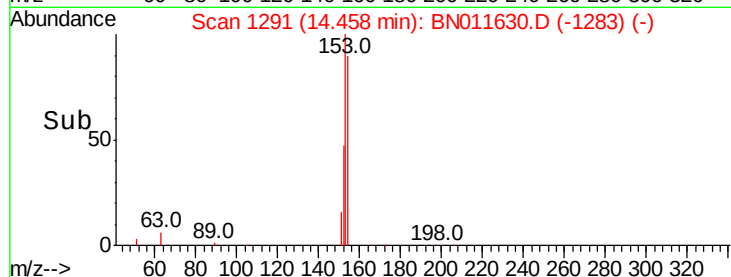
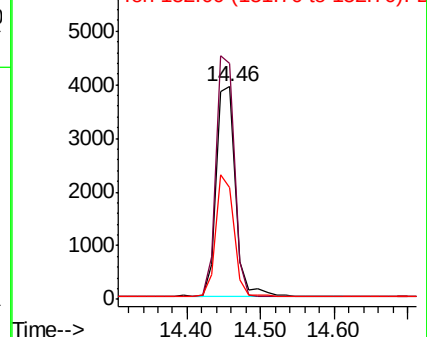
154 100

153 108.5 86.6 130.0

152 53.7 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: 0.400 ng

RT: 15.45 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BN011630.D

Acq: 26 Aug 2020 00:26

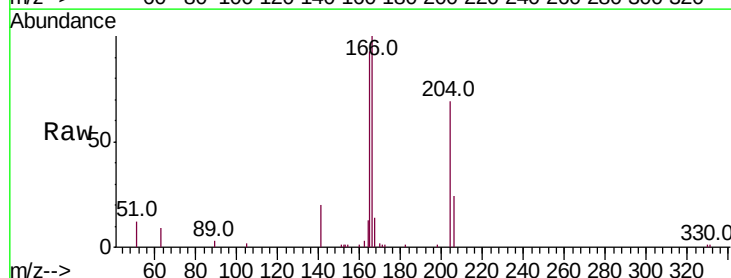
Tgt Ion:166 Resp: 9198

Ion Ratio Lower Upper

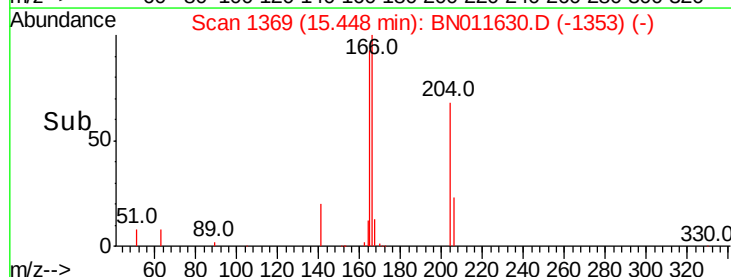
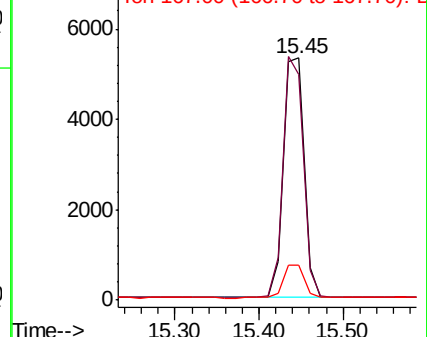
166 100

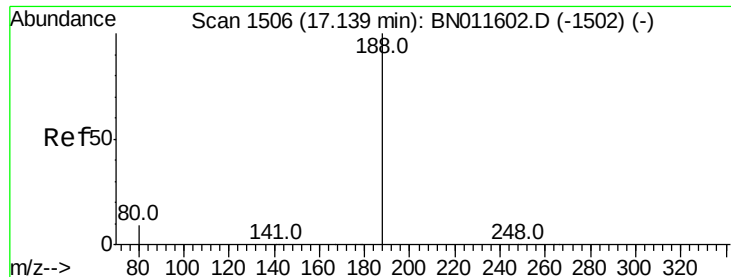
165 98.0 77.4 116.2

167 13.7 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: BN011630.D

Acq: 26 Aug 2020 00:26

Instrument :

BNA_N

ClientSampleId :

PB131179BS

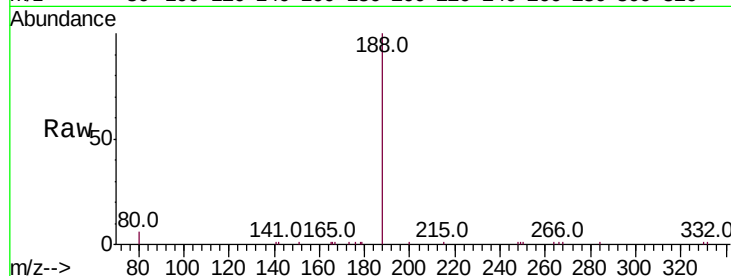
Tot Ion:188 Resp: 12092

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

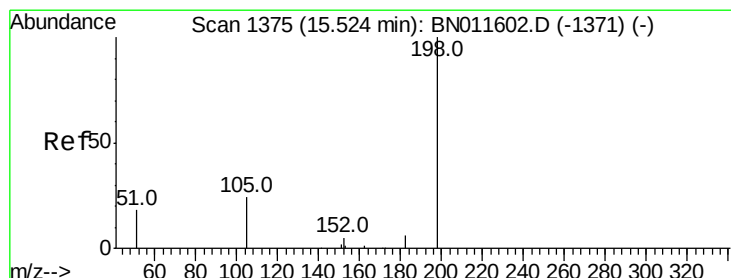
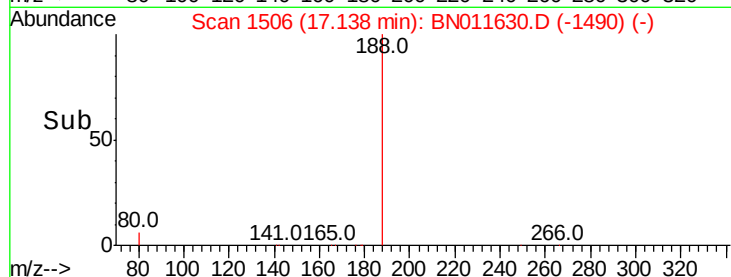
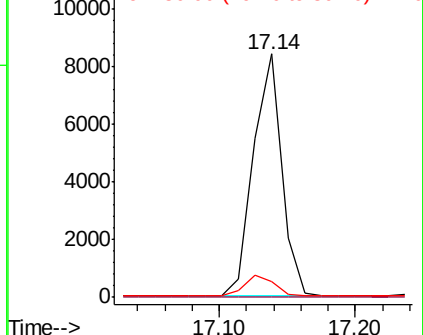
80 6.3 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4,6-Dinitro-2-methylphenol

Concen: 0.493 ng

RT: 15.51 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BN011630.D

Acq: 26 Aug 2020 00:26

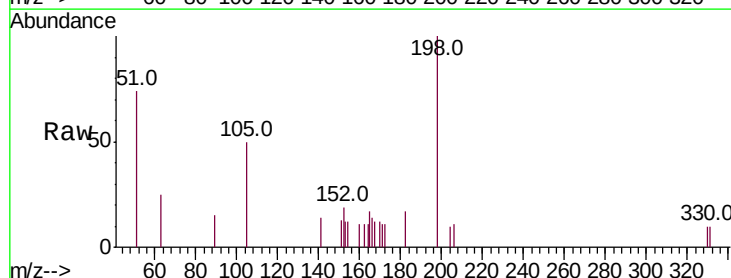
Tgt Ion:198 Resp: 688

Ion Ratio Lower Upper

198 100

51 74.1 99.6 149.4#

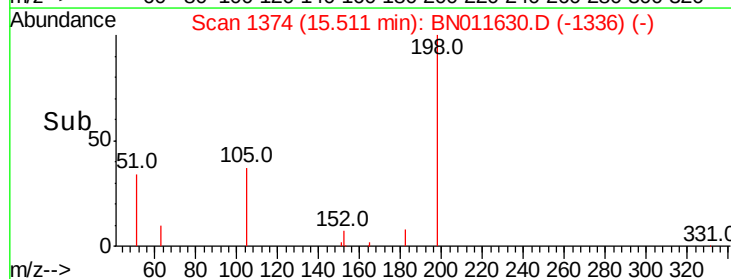
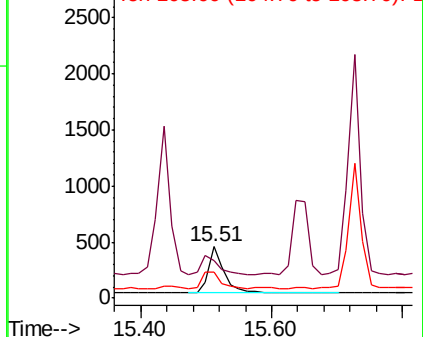
105 50.0 118.8 178.2#

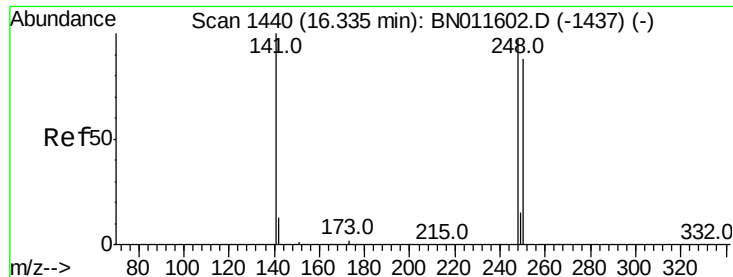


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E

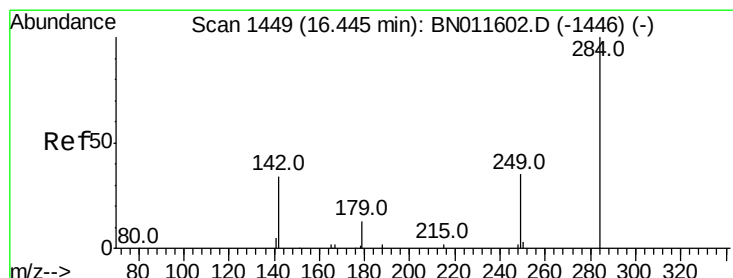
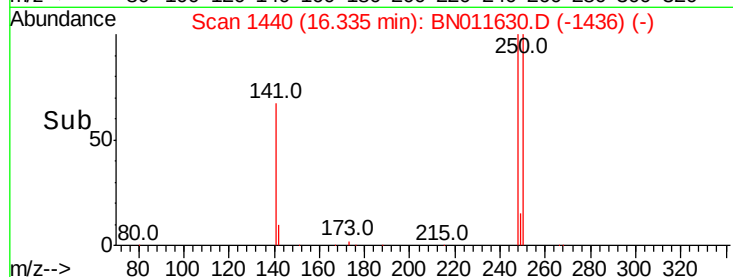
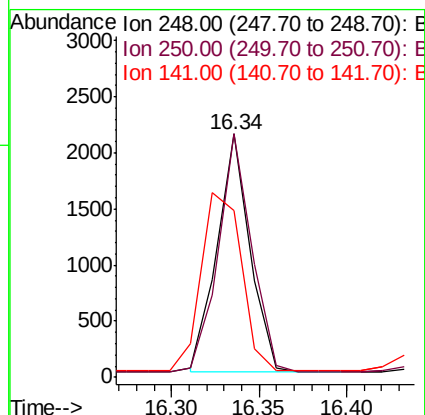
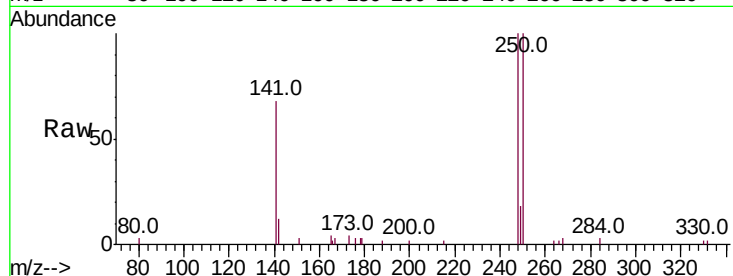




#21
4-Bromophenyl-phenylether
Concen: 0.394 ng
RT: 16.34 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BN011630.D
Acq: 26 Aug 2020 00:26

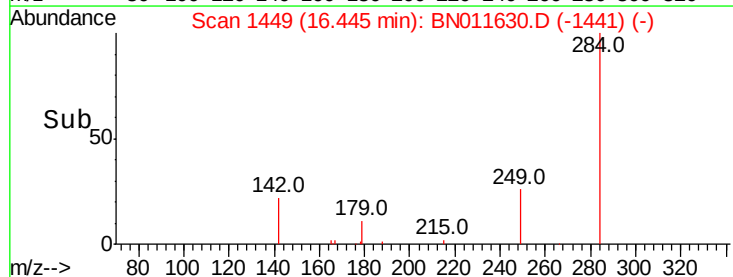
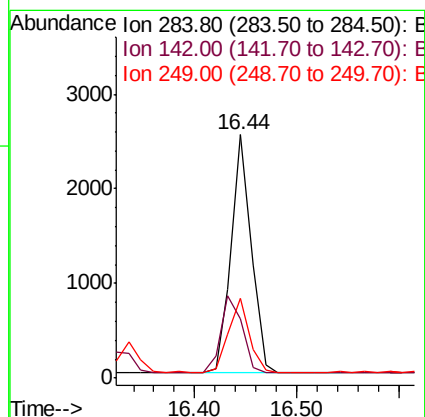
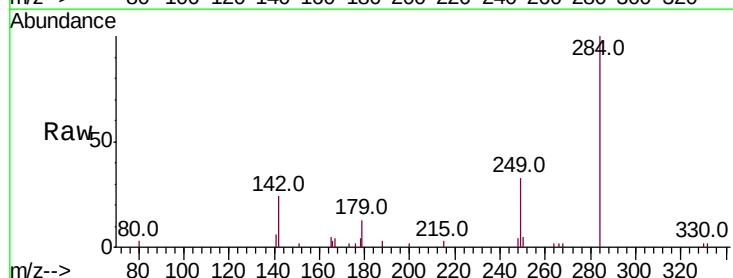
Instrument :
BNA_N
ClientSampleId :
PB131179BS

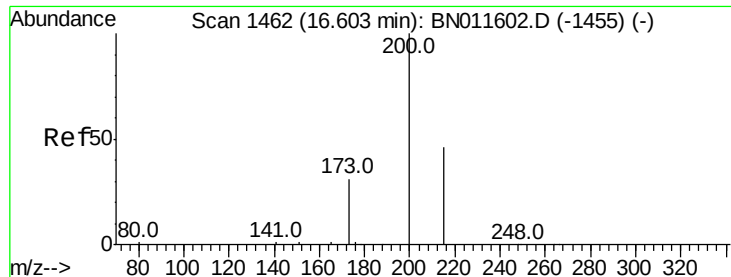
Tot Ion:248 Resp: 2780
Ion Ratio Lower Upper
248 100
250 99.9 73.4 110.2
141 68.4 88.5 132.7#



#22
Hexachlorobenzene
Concen: 0.422 ng
RT: 16.44 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BN011630.D
Acq: 26 Aug 2020 00:26

Tgt Ion:284 Resp: 3443
Ion Ratio Lower Upper
284 100
142 34.9 27.3 40.9
249 32.0 25.2 37.8





#23

Atrazine

Concen: 0.259 ng

RT: 16.60 min Scan# 1462

Delta R.T. -0.00 min

Lab File: BN011630.D

Acq: 26 Aug 2020 00:26

Instrument :

BNA_N

ClientSampleId :

PB131179BS

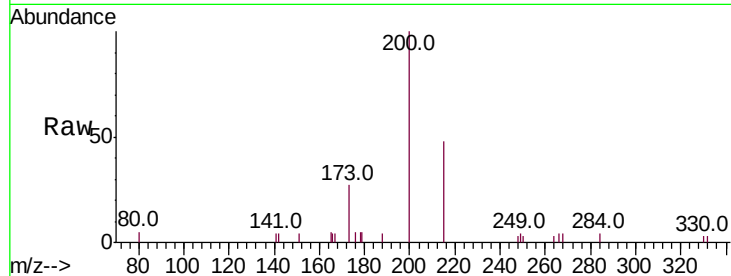
Tot Ion:200 Resp: 1806

Ion Ratio Lower Upper

200 100

173 27.4 28.2 42.4#

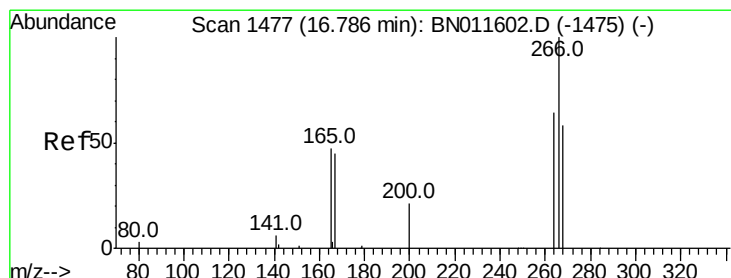
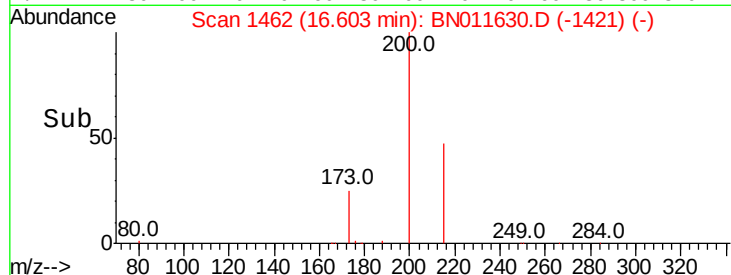
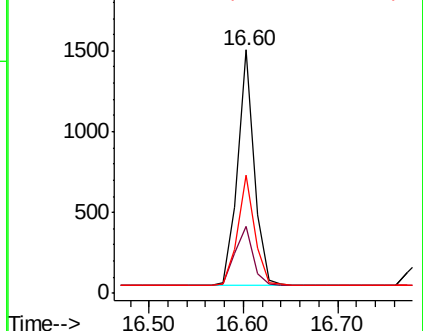
215 48.4 39.8 59.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#24

Pentachlorophenol

Concen: 0.325 ng

RT: 16.79 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BN011630.D

Acq: 26 Aug 2020 00:26

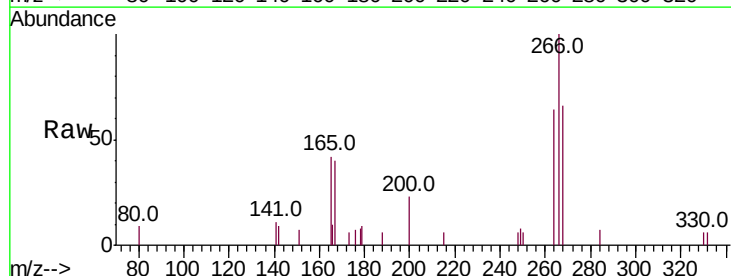
Tgt Ion:266 Resp: 1169

Ion Ratio Lower Upper

266 100

264 62.8 48.1 72.1

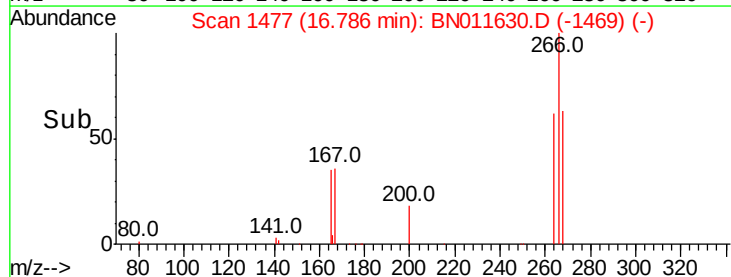
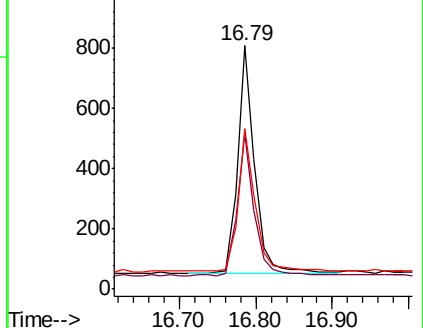
268 63.3 48.4 72.6

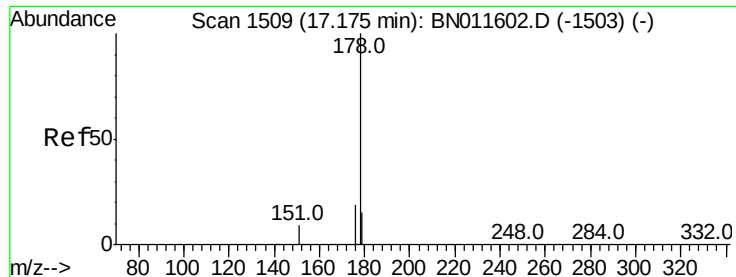


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.398 ng

RT: 17.18 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BN011630.D

Acq: 26 Aug 2020 00:26

Instrument :

BNA_N

ClientSampleId :

PB131179BS

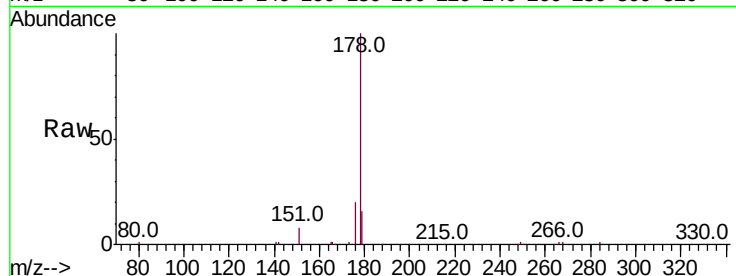
Tot Ion:178 Resp: 14959

Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.4

179 15.7 12.6 18.8

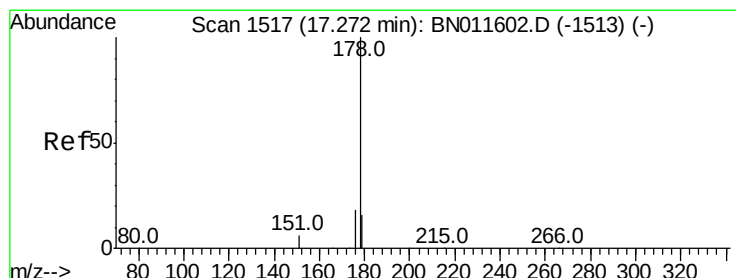
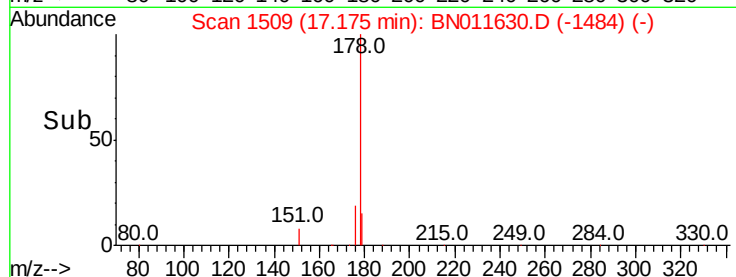
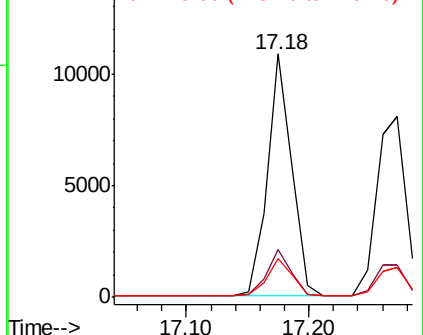


Abundance

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: 0.367 ng

RT: 17.27 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BN011630.D

Acq: 26 Aug 2020 00:26

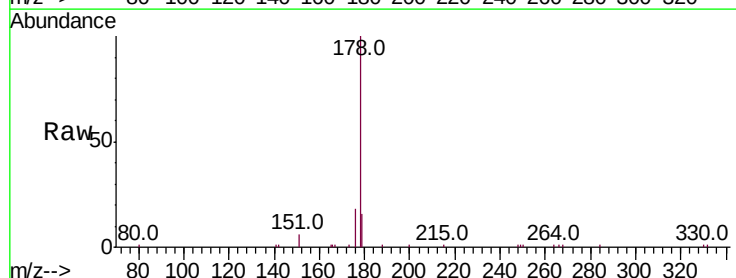
Tgt Ion:178 Resp: 13581

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

179 15.3 12.5 18.7

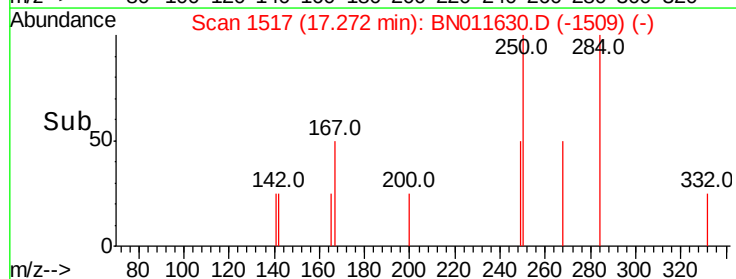
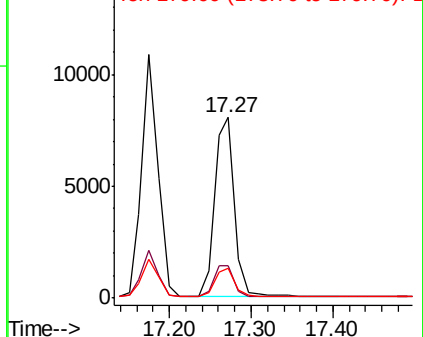


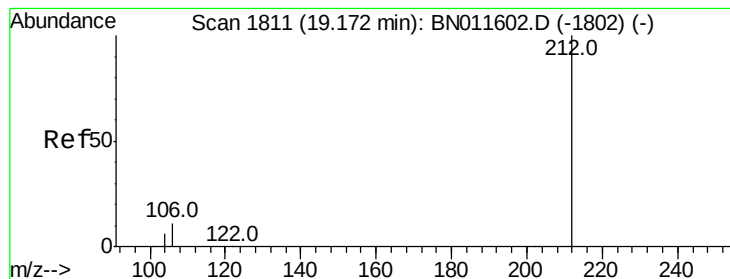
Abundance

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: 0.374 ng

RT: 19.17 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BN011630.D

Acq: 26 Aug 2020 00:26

Instrument :

BNA_N

ClientSampleId :

PB131179BS

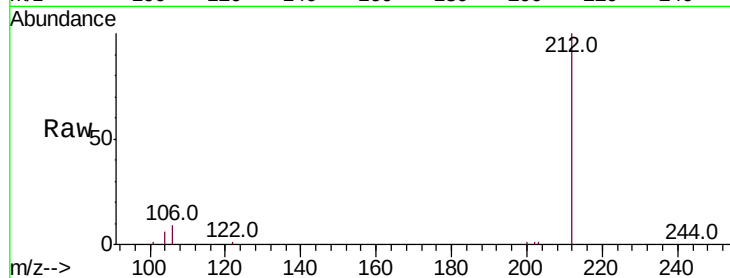
Tot Ion:212 Resp: 14743

Ion Ratio Lower Upper

212 100

106 9.5 8.9 13.3

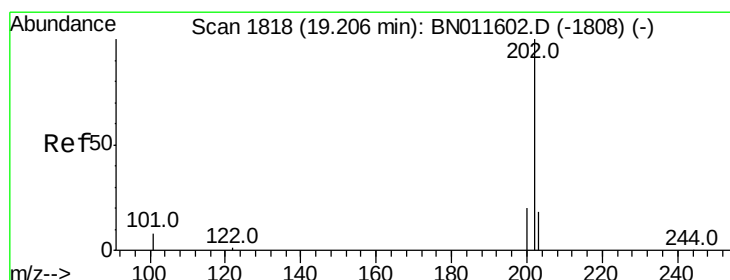
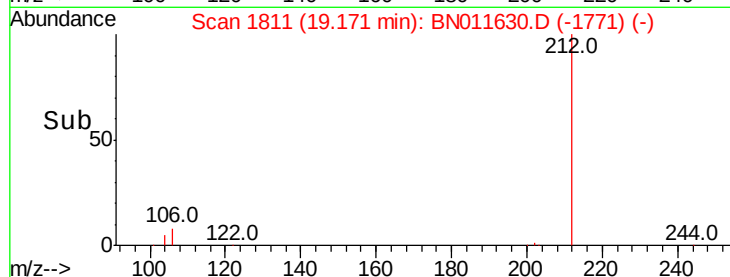
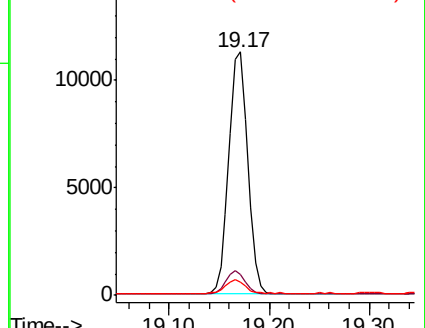
104 5.8 5.3 7.9



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: 0.387 ng

RT: 19.20 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BN011630.D

Acq: 26 Aug 2020 00:26

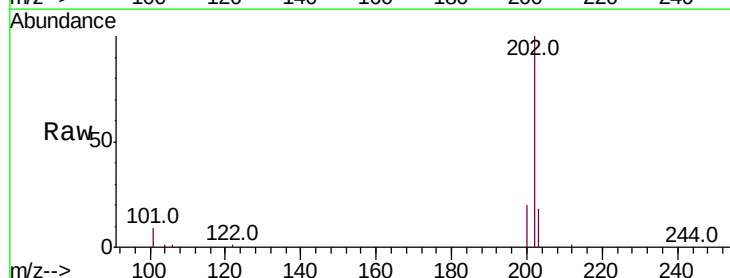
Tgt Ion:202 Resp: 17635

Ion Ratio Lower Upper

202 100

101 8.3 7.7 11.5

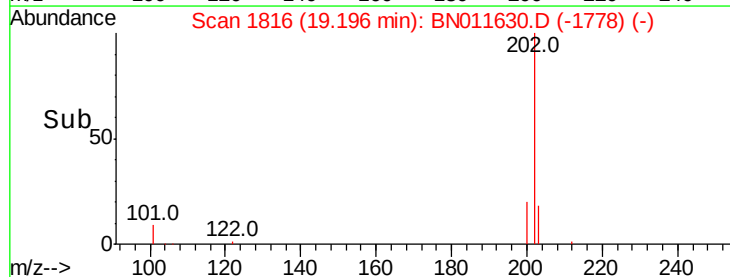
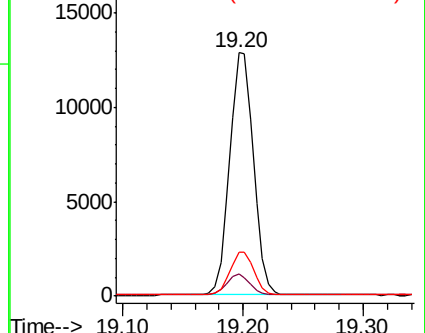
203 17.3 13.9 20.9

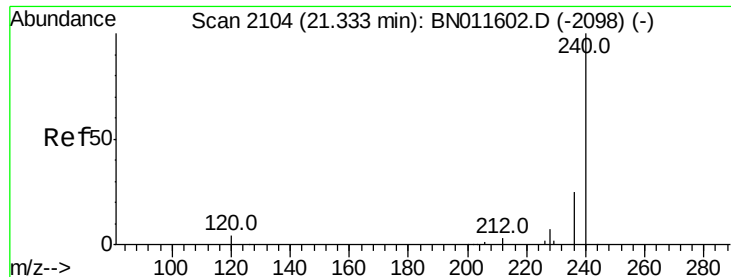


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.32 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BN011630.D

Acq: 26 Aug 2020 00:26

Instrument :

BNA_N

ClientSampleId :

PB131179BS

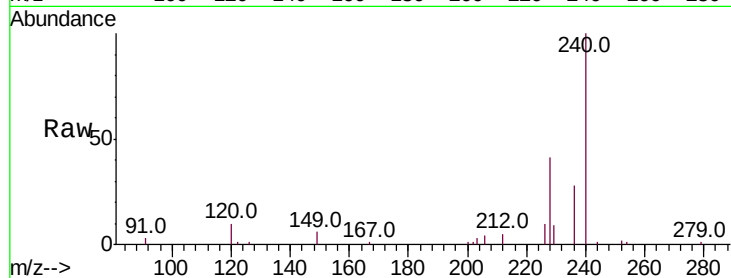
Tot Ion:240 Resp: 12426

Ion Ratio Lower Upper

240 100

120 10.1 6.0 9.0#

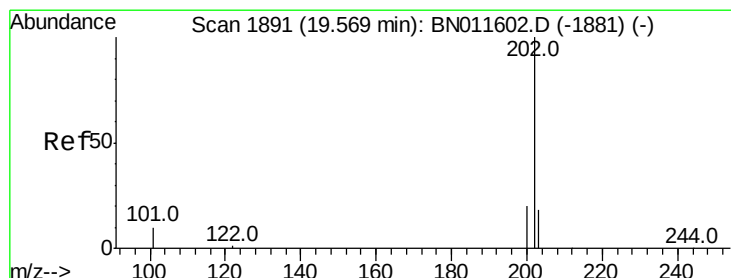
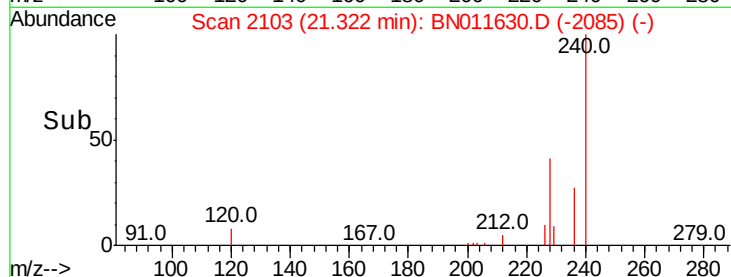
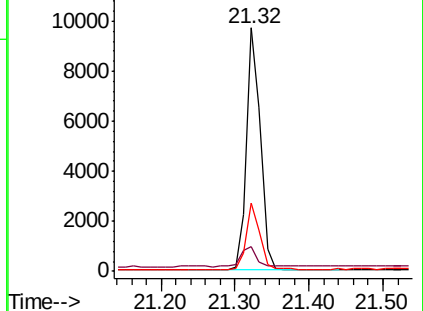
236 27.9 20.8 31.2



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: 0.406 ng

RT: 19.56 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BN011630.D

Acq: 26 Aug 2020 00:26

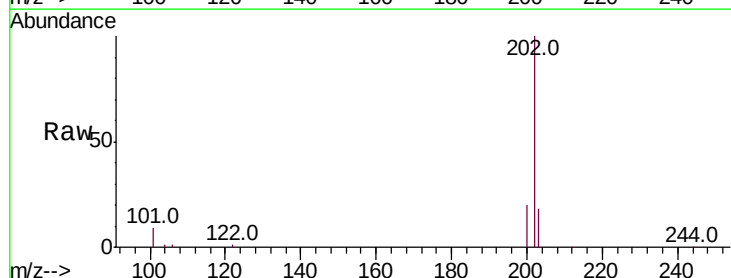
Tgt Ion:202 Resp: 17875

Ion Ratio Lower Upper

202 100

200 20.5 16.3 24.5

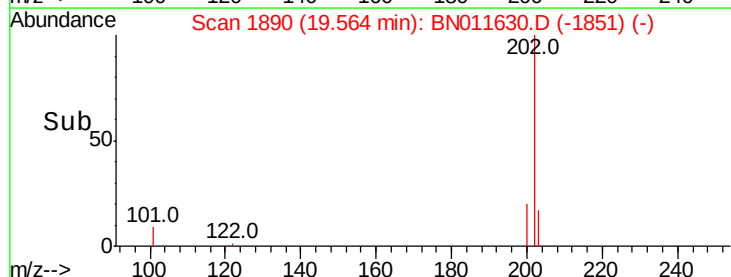
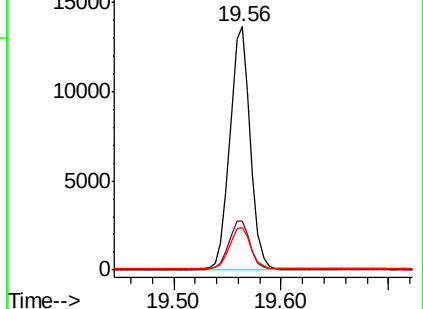
203 17.5 14.2 21.4

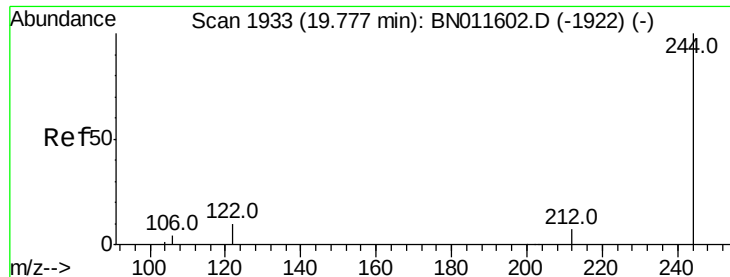


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Terphenyl-d14

Concen: 0.416 ng

RT: 19.77 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BN011630.D

Acq: 26 Aug 2020 00:26

Instrument :

BNA_N

ClientSampleId :

PB131179BS

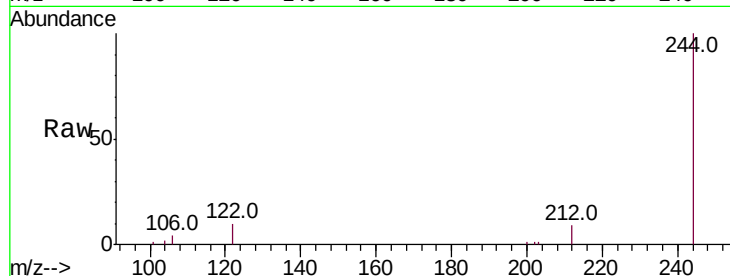
Tot Ion:244 Resp: 13223

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

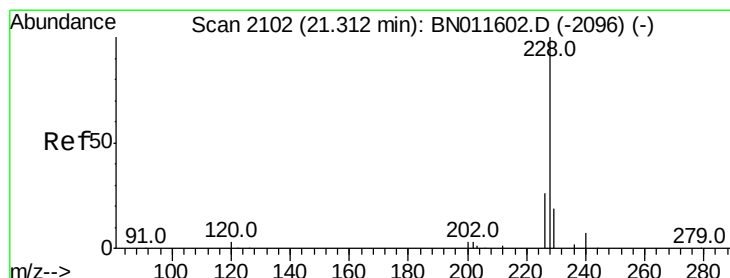
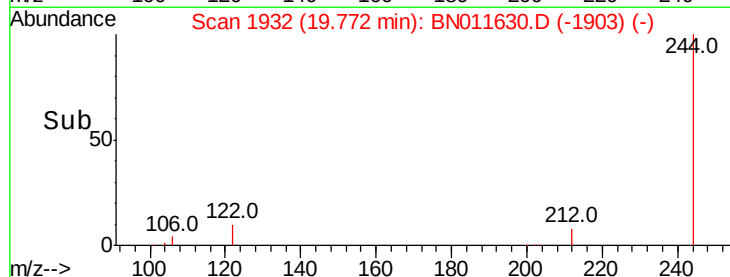
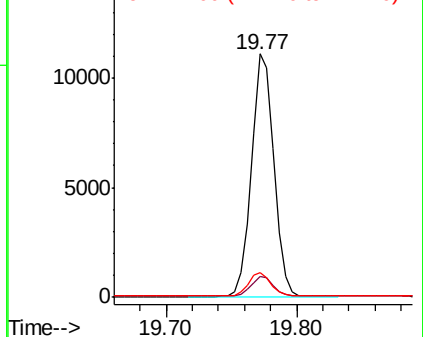
122 10.2 9.5 14.3



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: 0.387 ng

RT: 21.31 min Scan# 2102

Delta R.T. -0.00 min

Lab File: BN011630.D

Acq: 26 Aug 2020 00:26

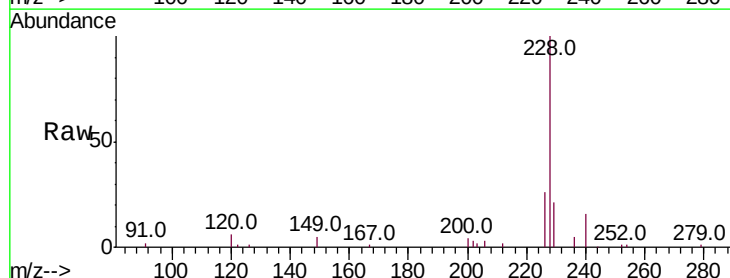
Tgt Ion:228 Resp: 17324

Ion Ratio Lower Upper

228 100

226 26.4 21.2 31.8

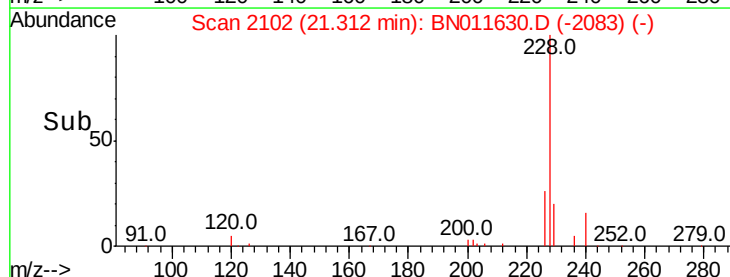
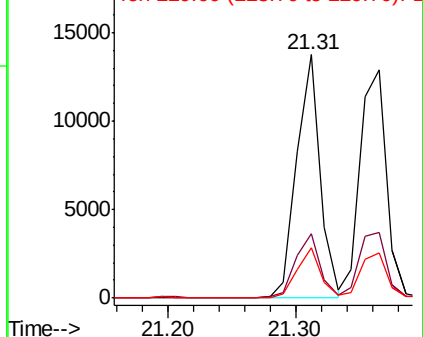
229 20.6 15.8 23.8

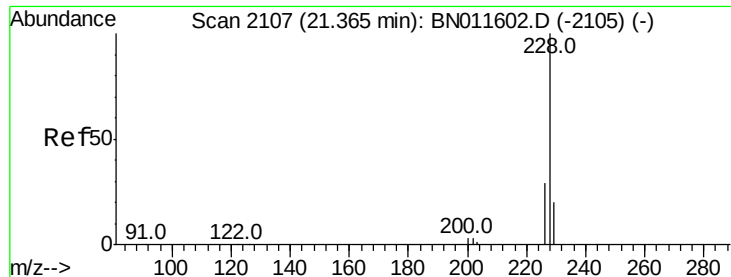


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.426 ng

RT: 21.36 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BN011630.D

Acq: 26 Aug 2020 00:26

Instrument :

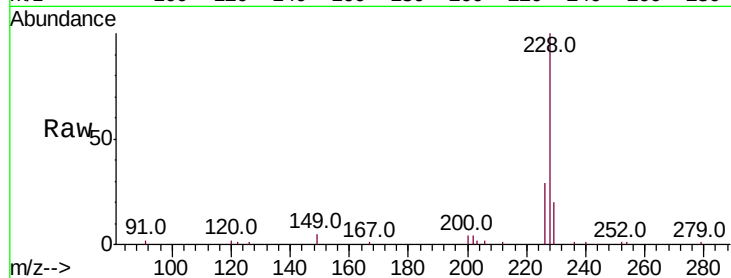
BNA_N

ClientSampleId :

PB131179BS

Tot Ion:228 Resp: 18193

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.6	35.4
229	19.9	16.0	24.0

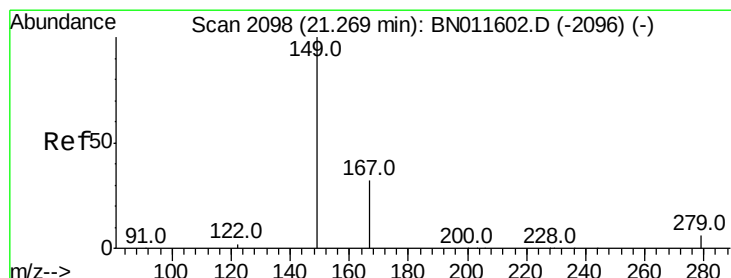
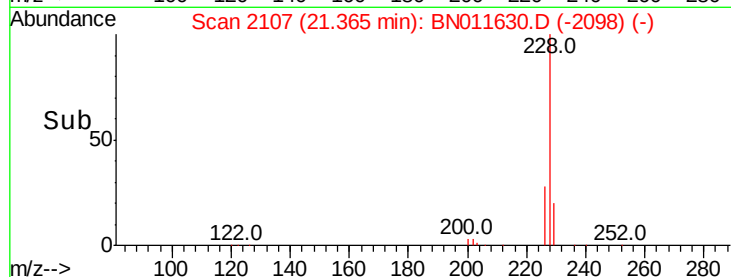
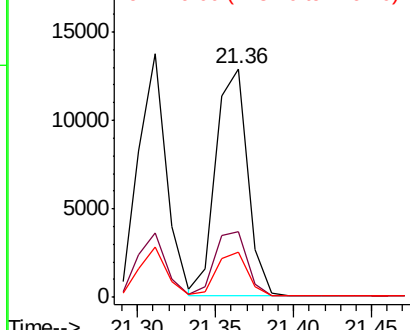


Abundance

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: 0.203 ng

RT: 21.26 min Scan# 2097

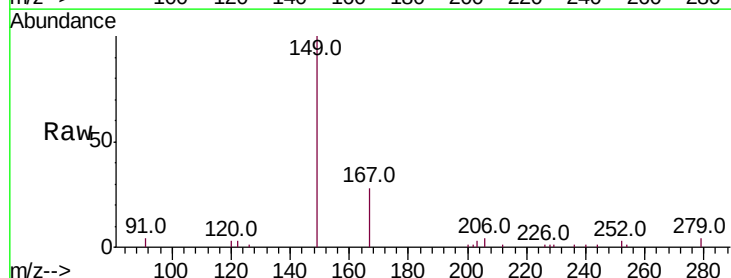
Delta R.T. -0.01 min

Lab File: BN011630.D

Acq: 26 Aug 2020 00:26

Tgt Ion:149 Resp: 7378

Ion	Ratio	Lower	Upper
149	100		
167	29.3	20.6	31.0
279	4.9	3.8	5.8

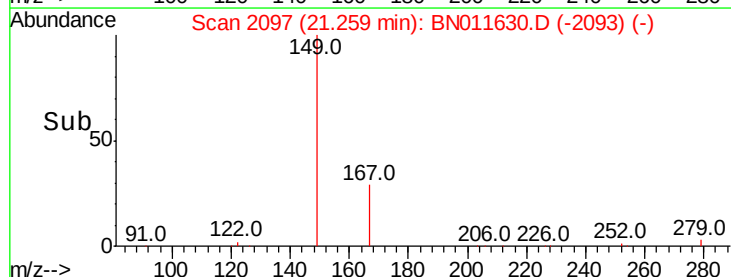
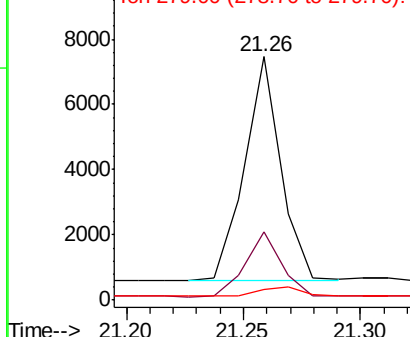


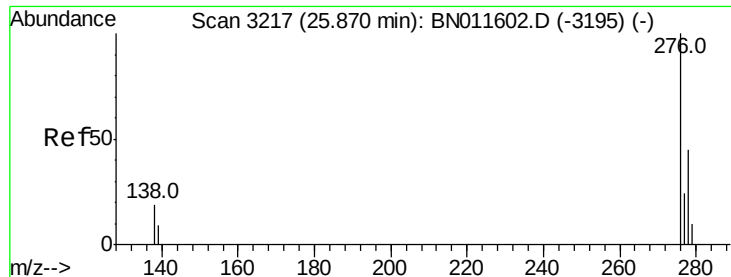
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

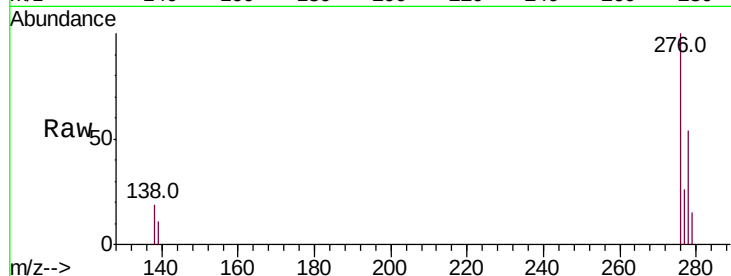




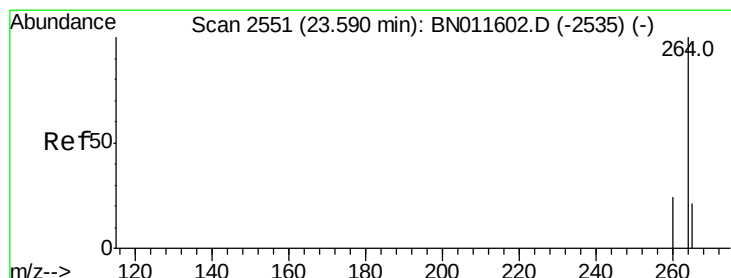
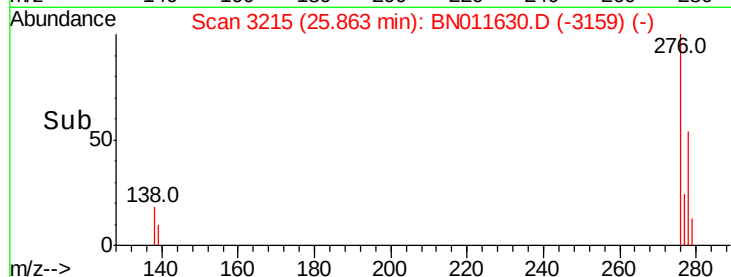
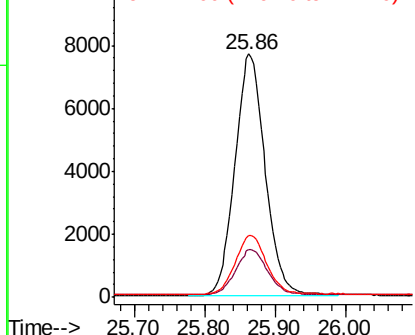
#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.441 ng
 RT: 25.86 min Scan# 3215
 Delta R.T. -0.01 min
 Lab File: BN011630.D
 Acq: 26 Aug 2020 00:26

Instrument :
 BNA_N
 ClientSampleId :
 PB131179BS

Tot Ion:276 Resp: 23014
 Ion Ratio Lower Upper
 276 100
 138 19.7 0.0 0.0#
 277 25.0 0.0 0.0#

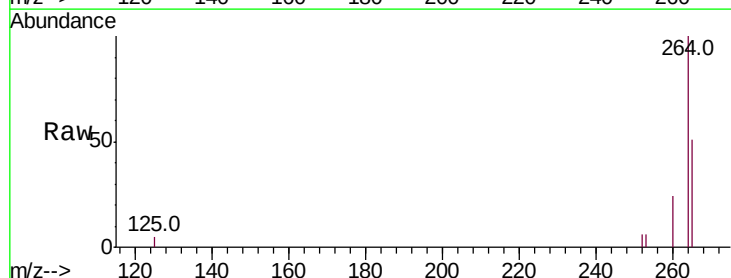


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

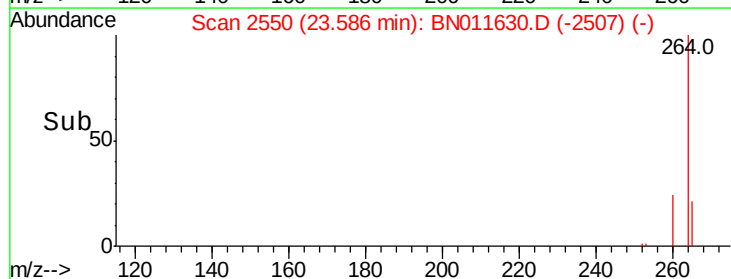
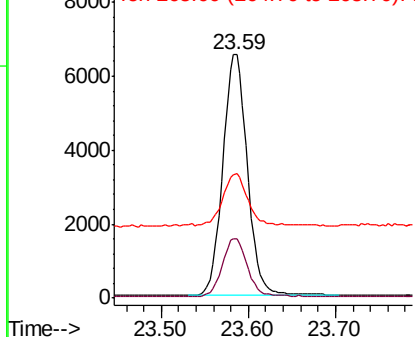


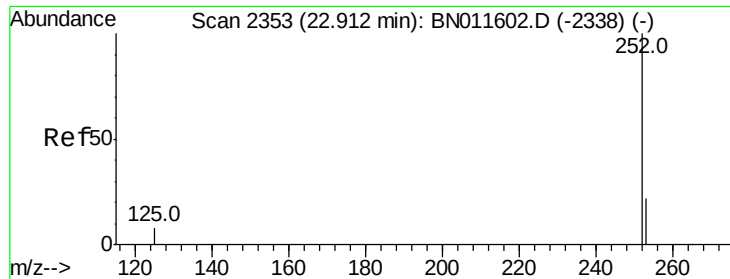
#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.59 min Scan# 2550
 Delta R.T. -0.00 min
 Lab File: BN011630.D
 Acq: 26 Aug 2020 00:26

Tgt Ion:264 Resp: 12663
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 51.0 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: 0.422 ng

RT: 22.95 min Scan# 2364

Delta R.T. 0.04 min

Lab File: BN011630.D

Acq: 26 Aug 2020 00:26

Instrument :

BNA_N

ClientSampleId :

PB131179BS

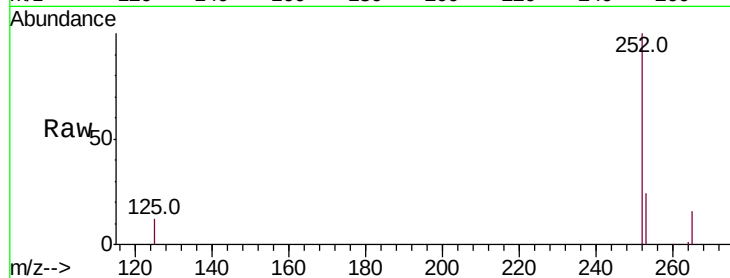
Tot Ion:252 Resp: 19340

Ion Ratio Lower Upper

252 100

253 24.3 21.0 31.6

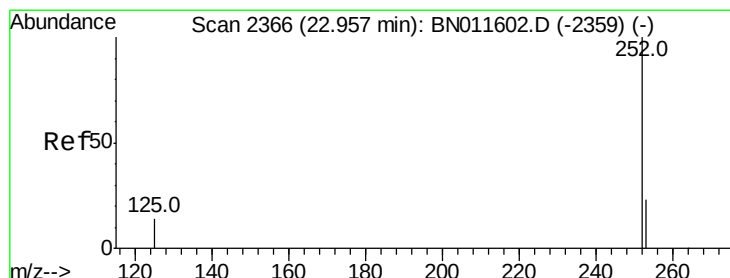
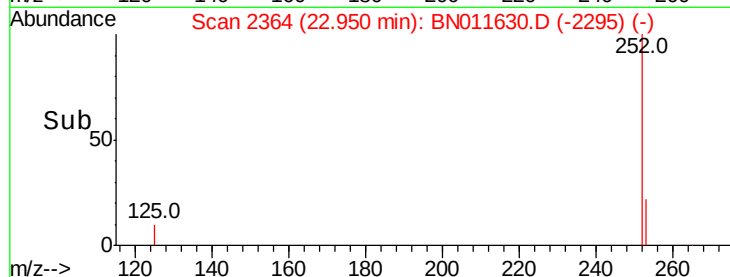
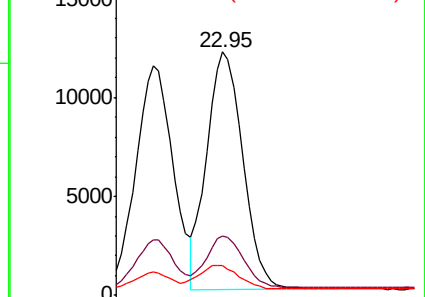
125 12.1 11.0 16.6



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: 0.424 ng

RT: 22.95 min Scan# 2364

Delta R.T. -0.01 min

Lab File: BN011630.D

Acq: 26 Aug 2020 00:26

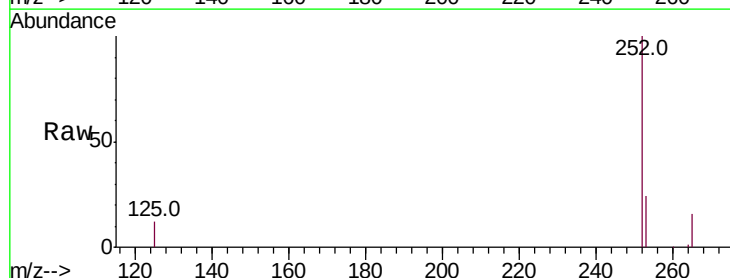
Tgt Ion:252 Resp: 19340

Ion Ratio Lower Upper

252 100

253 24.3 21.2 31.8

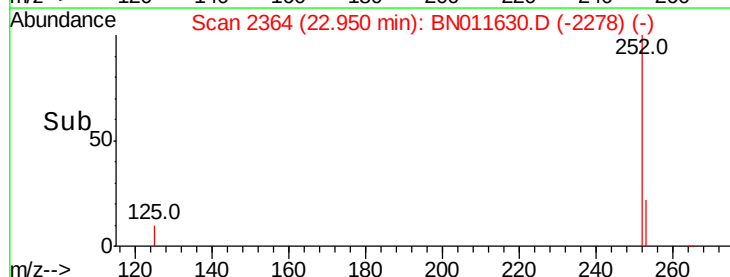
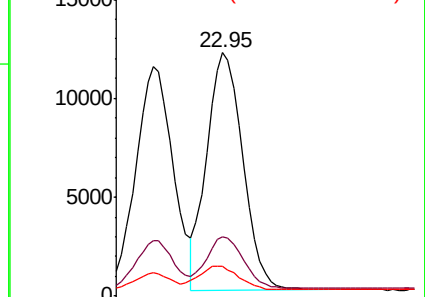
125 12.1 14.6 21.8#

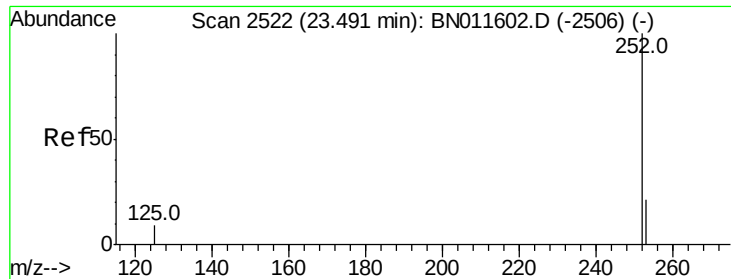


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.390 ng

RT: 23.49 min Scan# 2521

Delta R.T. -0.00 min

Lab File: BN011630.D

Acq: 26 Aug 2020 00:26

Instrument :

BNA_N

ClientSampleId :

PB131179BS

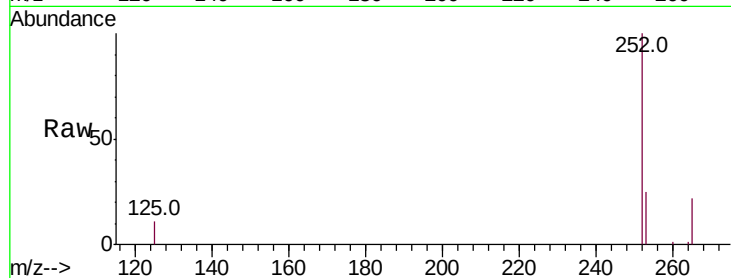
Tot Ion:252 Resp: 16669

Ion Ratio Lower Upper

252 100

253 25.3 21.2 31.8

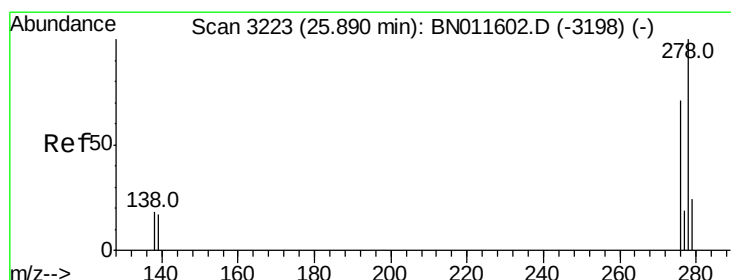
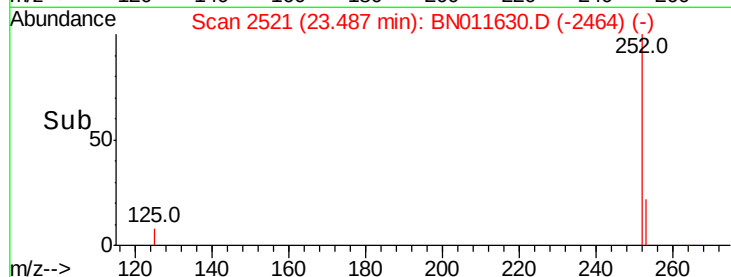
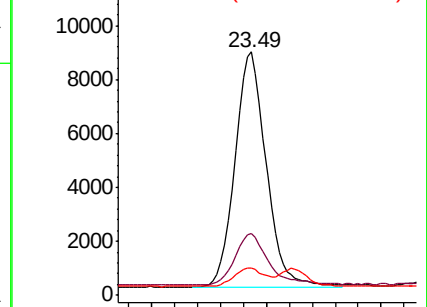
125 11.4 12.1 18.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#40

Dibenzo(a,h)anthracene

Concen: 0.428 ng

RT: 25.88 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BN011630.D

Acq: 26 Aug 2020 00:26

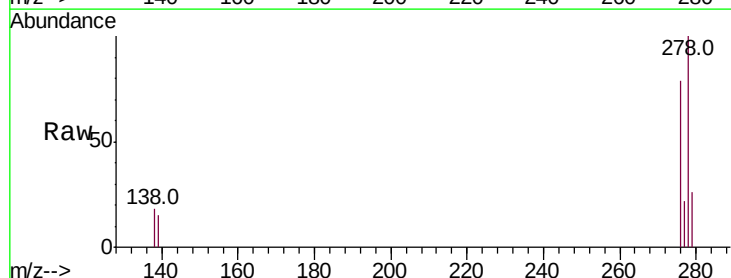
Tgt Ion:278 Resp: 19110

Ion Ratio Lower Upper

278 100

139 14.7 16.6 25.0#

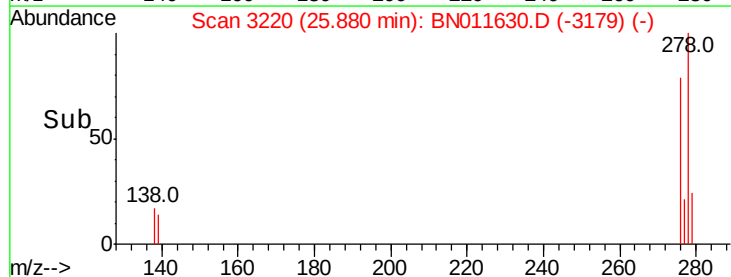
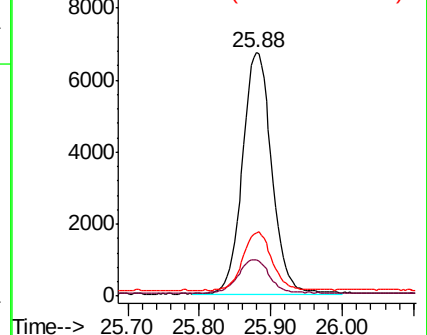
279 26.1 21.4 32.2

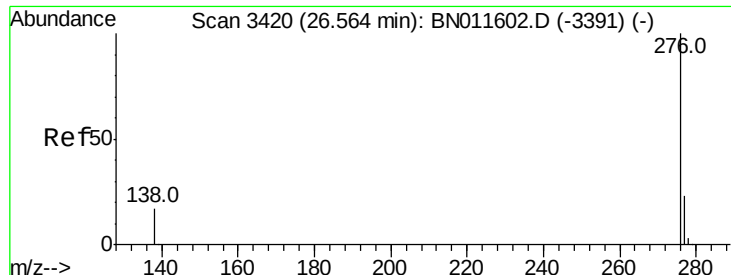


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.420 ng

RT: 26.55 min Scan# 3417

Delta R.T. -0.01 min

Lab File: BN011630.D

Acq: 26 Aug 2020 00:26

Instrument :

BNA_N

ClientSampleId :

PB131179BS

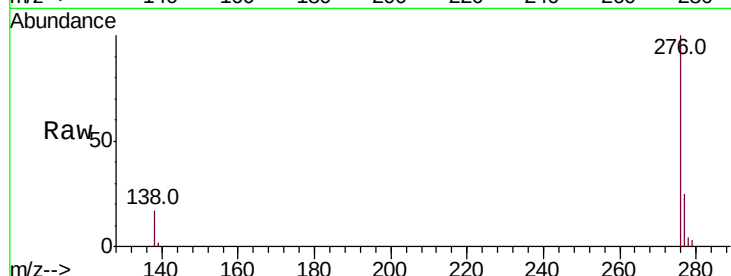
Tot Ion:276 Resp: 18229

Ion Ratio Lower Upper

276 100

277 25.1 20.5 30.7

138 17.4 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

