

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082720\
 Data File : BN011666.D
 Acq On : 27 Aug 2020 16:18
 Operator : CG/JU
 Sample : PB131252BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB131252BS

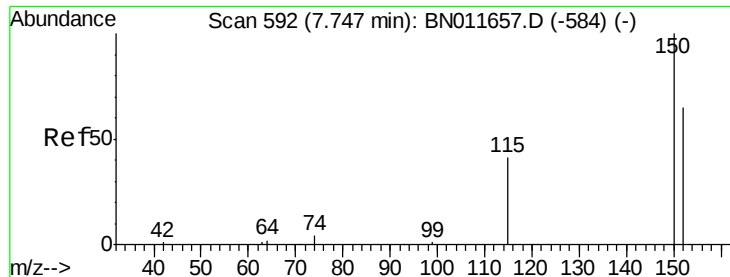
Quant Time: Aug 27 16:51:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 27 14:34:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	1920	0.40	ng	0.00
7) Naphthalene-d8	10.53	136	7159	0.40	ng	0.00
13) Acenaphthene-d10	14.38	164	4256	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	9412	0.40	ng	0.00
29) Chrysene-d12	21.32	240	9668	0.40	ng	0.00
36) Perylene-d12	23.58	264	10534	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	1963	0.36	ng	0.00
5) Phenol-d6	6.90	99	2608	0.35	ng	0.00
8) Nitrobenzene-d5	8.88	82	2486	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.12	152	4565	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	706	0.34	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	6610	0.37	ng	0.00
27) Fluoranthene-d10	19.16	212	10599	0.35	ng	0.00
31) Terphenyl-d14	19.77	244	9247	0.39	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.29	88	1121	0.363	ng	98
3) n-Nitrosodimethylamine	3.59	42	1377	0.386	ng	# 98
6) bis(2-Chloroethyl)ether	7.17	93	2187	0.365	ng	98
9) Naphthalene	10.58	128	7380	0.360	ng	99
10) Hexachlorobutadiene	10.87	225	1692	0.376	ng	# 99
12) 2-Methylnaphthalene	12.20	142	5200	0.357	ng	99
16) Acenaphthylene	14.10	152	7045	0.340	ng	100
17) Acenaphthene	14.45	154	5058	0.353	ng	99
18) Fluorene	15.44	166	6467	0.353	ng	99
20) 4,6-Dinitro-2-methylphenol	15.51	198	477	0.328	ng	# 82
21) 4-Bromophenyl-phenylether	16.32	248	1897	0.344	ng	98
22) Hexachlorobenzene	16.43	284	2447	0.360	ng	99
23) Atrazine	16.59	200	1655	0.342	ng	99
24) Pentachlorophenol	16.77	266	900	0.333	ng	97
25) Phenanthrene	17.16	178	10693	0.352	ng	99
26) Anthracene	17.26	178	9324	0.345	ng	99
28) Fluoranthene	19.19	202	12638	0.351	ng	100
30) Pvrene	19.56	202	12819	0.381	ng	100
32) Benzo(a)anthracene	21.31	228	12646	0.366	ng	100
33) Chrysene	21.35	228	13251	0.372	ng	97
34) Bis(2-ethylhexyl)phthalate	21.26	149	5006	0.357	ng	99
35) Indeno(1,2,3-cd)pyrene	25.86	276	17436	0.375	ng	100
37) Benzo(b)fluoranthene	22.91	252	14247	0.353	ng	99
38) Benzo(k)fluoranthene	22.95	252	14610	0.354	ng	98
39) Benzo(a)pyrene	23.48	252	12219	0.338	ng	98
40) Dibenzo(a,h)anthracene	25.87	278	14310	0.351	ng	98
41) Benzo(g,h,i)perylene	26.55	276	13742	0.344	ng	99

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

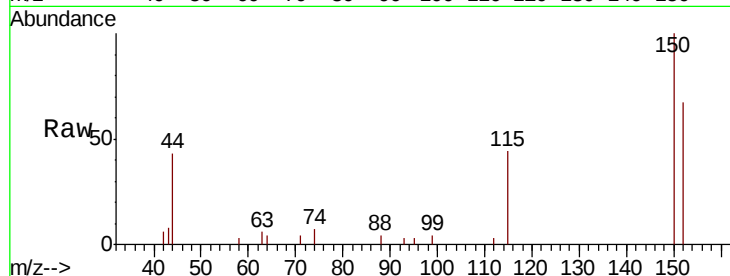


#1

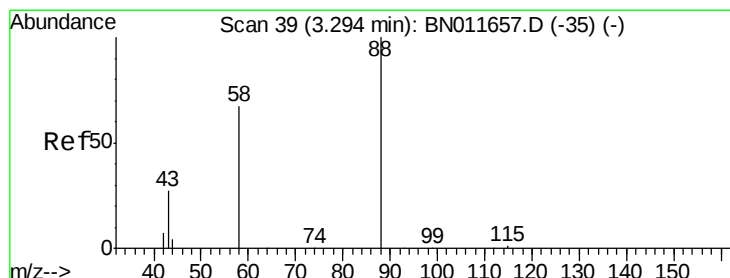
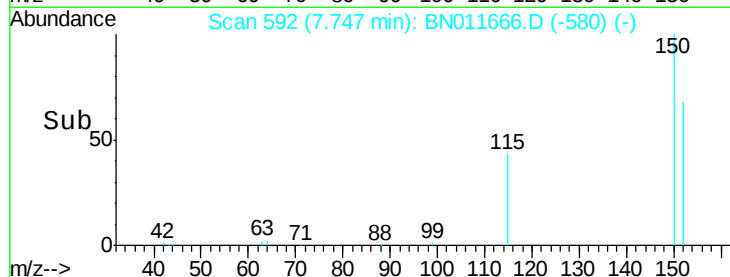
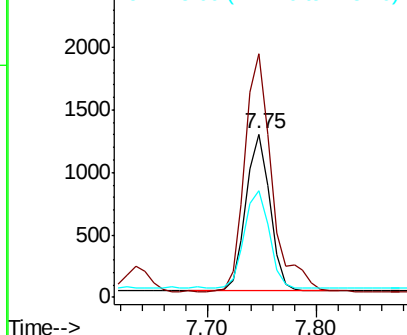
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Instrument :
BNA_N
ClientSampleId :
PB131252BS

Tot Ion:152 Resp: 1920
Ion Ratio Lower Upper
152 100
150 148.8 121.0 181.6
115 65.6 52.6 78.8



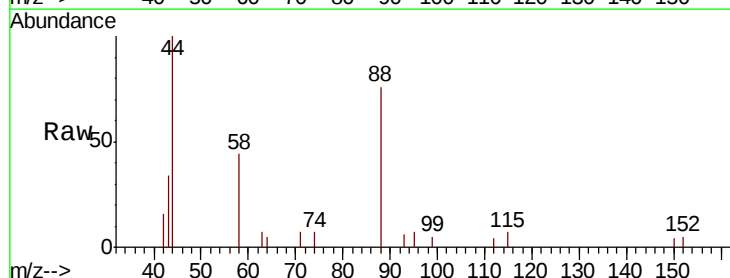
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



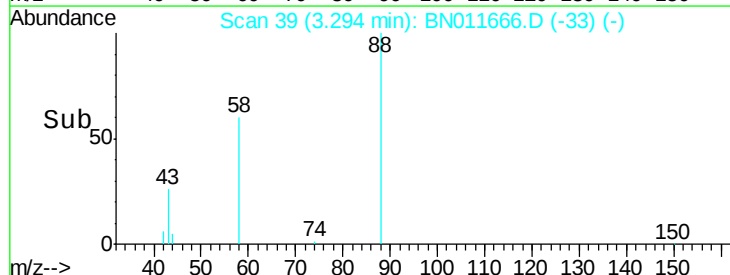
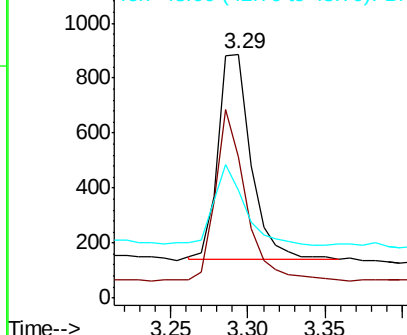
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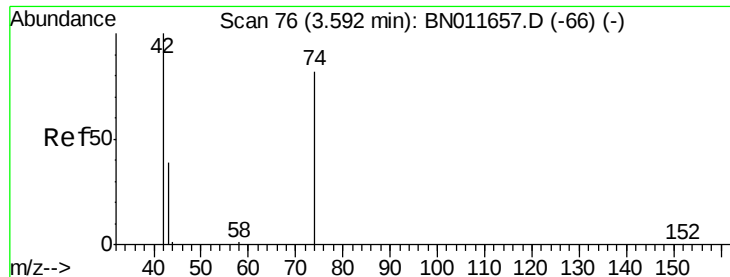
1,4-Dioxane
Concen: 0.363 ng
RT: 3.29 min Scan# 39
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Tgt Ion: 88 Resp: 1121
Ion Ratio Lower Upper
88 100
58 74.1 61.4 92.0
43 36.6 29.8 44.8



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: 0.386 ng

RT: 3.59 min Scan# 76

Delta R.T. 0.00 min

Lab File: BN011666.D

Acq: 27 Aug 2020 16:18

Instrument :

BNA_N

ClientSampleId :

PB131252BS

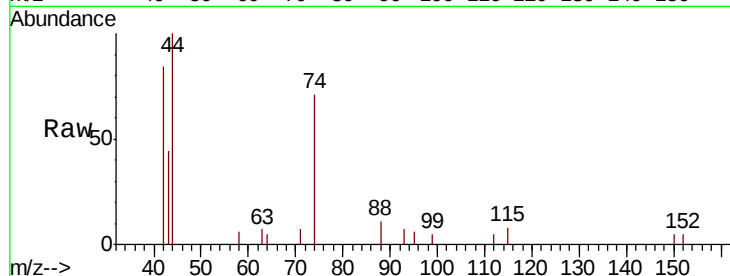
Tot Ion: 42 Resp: 1377

Ion Ratio Lower Upper

42 100

74 97.7 79.0 118.6

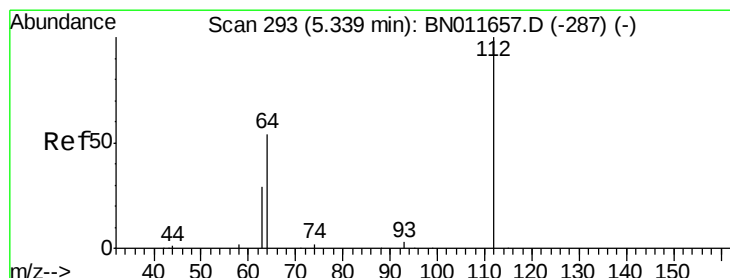
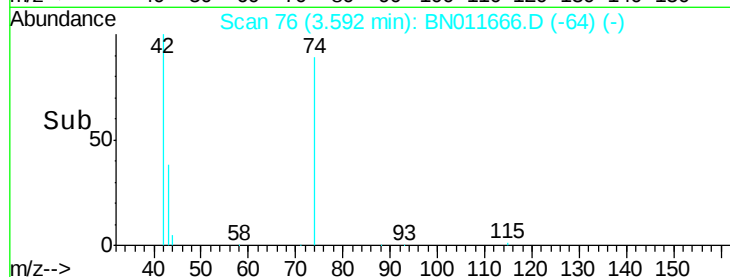
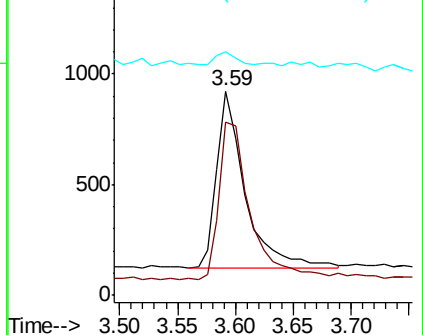
44 7.0 8.1 12.1#



Abundance Ion 42.00 (41.70 to 42.70): BN011657.D (-66) (-)

Ion 74.00 (73.70 to 74.70): BN011657.D (-66) (-)

Ion 44.00 (43.70 to 44.70): BN011657.D (-66) (-)



#4

2-Fluorophenol

Concen: 0.362 ng

RT: 5.34 min Scan# 293

Delta R.T. 0.00 min

Lab File: BN011666.D

Acq: 27 Aug 2020 16:18

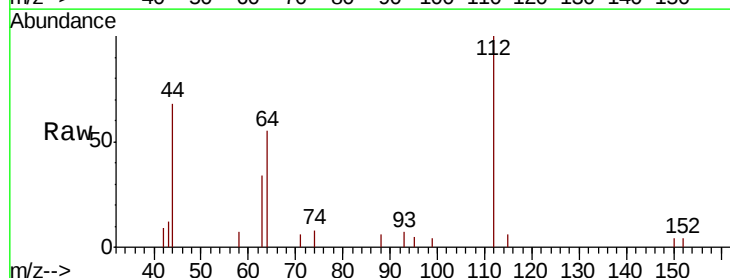
Tgt Ion: 112 Resp: 1963

Ion Ratio Lower Upper

112 100

64 62.0 49.7 74.5

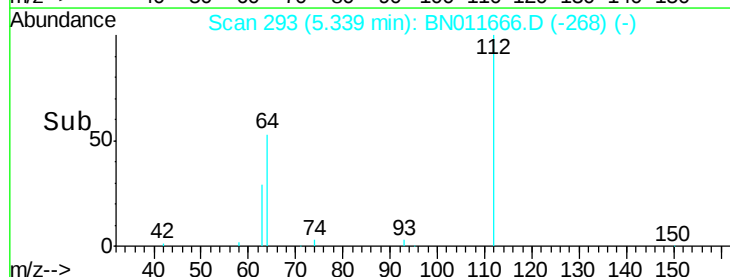
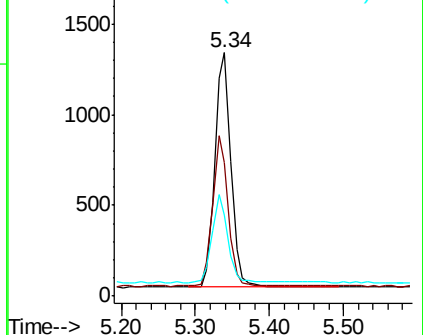
63 36.8 29.4 44.0

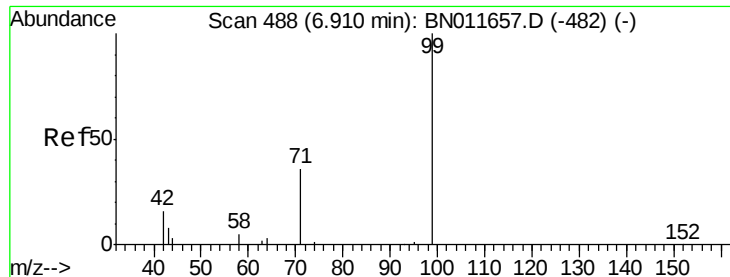


Abundance Ion 112.00 (111.70 to 112.70): BN011657.D (-287) (-)

Ion 64.00 (63.70 to 64.70): BN011657.D (-287) (-)

Ion 63.00 (62.70 to 63.70): BN011657.D (-287) (-)





#5

Phenol-d6

Concen: 0.354 ng

RT: 6.90 min Scan# 487

Delta R.T. -0.01 min

Lab File: BN011666.D

Acq: 27 Aug 2020 16:18

Instrument :

BNA_N

ClientSampleId :

PB131252BS

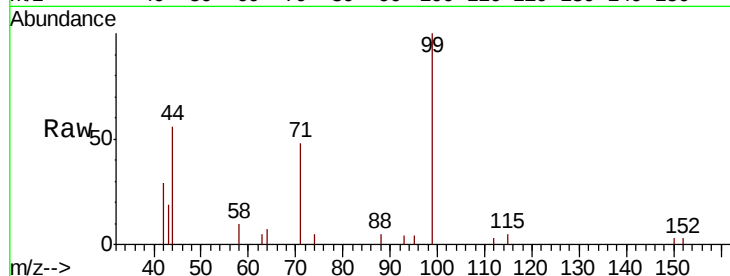
Tot Ion: 99 Resp: 2608

Ion Ratio Lower Upper

99 100

42 24.8 20.2 30.2

71 42.8 33.3 49.9

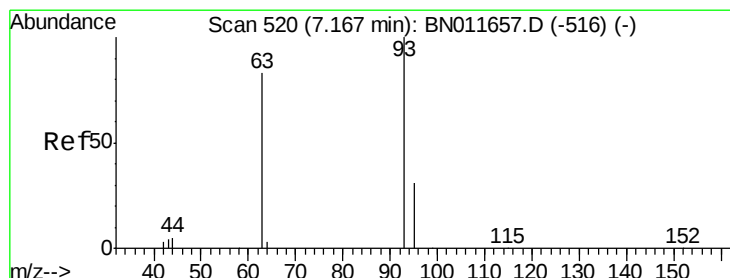
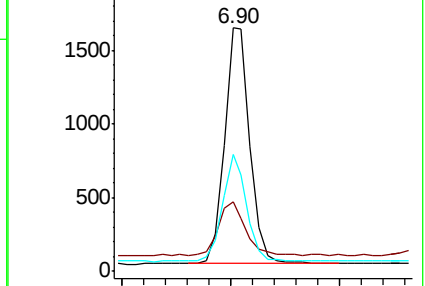
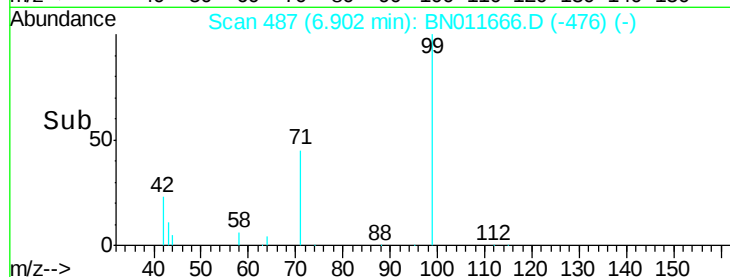


Abundance Ion 99.00 (98.70 to 99.70): BN011657.D (-482) (-)

Ion 42.00 (41.70 to 42.70): BN011657.D (-482) (-)

Ion 71.00 (70.70 to 71.70): BN011657.D (-482) (-)

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.365 ng

RT: 7.17 min Scan# 520

Delta R.T. 0.00 min

Lab File: BN011666.D

Acq: 27 Aug 2020 16:18

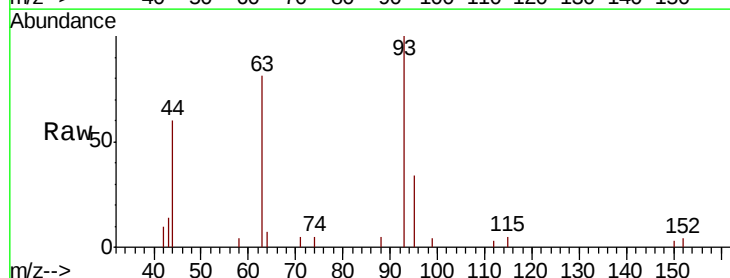
Tgt Ion: 93 Resp: 2187

Ion Ratio Lower Upper

93 100

63 76.0 62.2 93.4

95 31.6 26.6 39.8

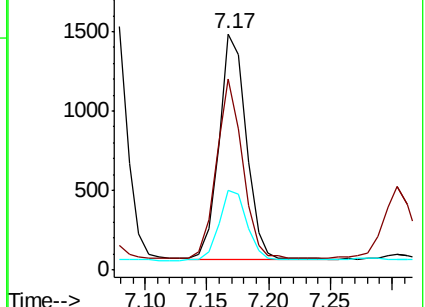
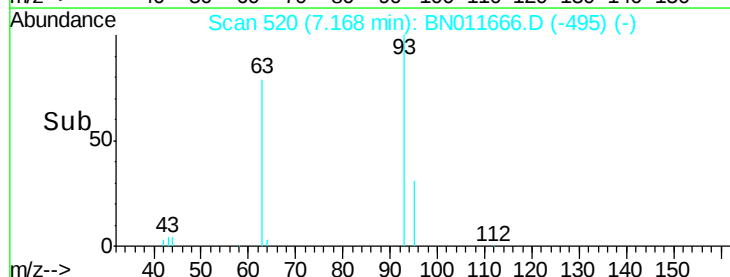


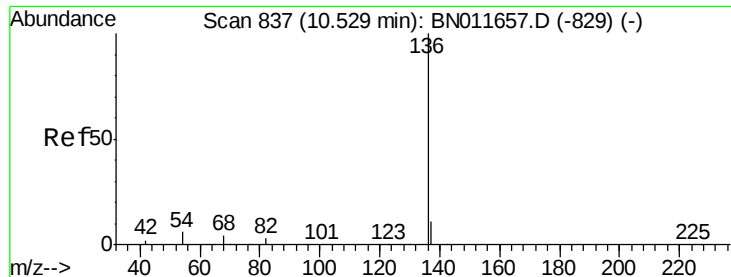
Abundance Ion 93.00 (92.70 to 93.70): BN011657.D (-516) (-)

Ion 63.00 (62.70 to 63.70): BN011657.D (-516) (-)

Ion 95.00 (94.70 to 95.70): BN011657.D (-516) (-)

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.53 min Scan# 837

Delta R.T. 0.00 min

Lab File: BN011666.D

Acq: 27 Aug 2020 16:18

Instrument :

BNA_N

ClientSampleId :

PB131252BS

Tot Ion:136 Resp: 7159

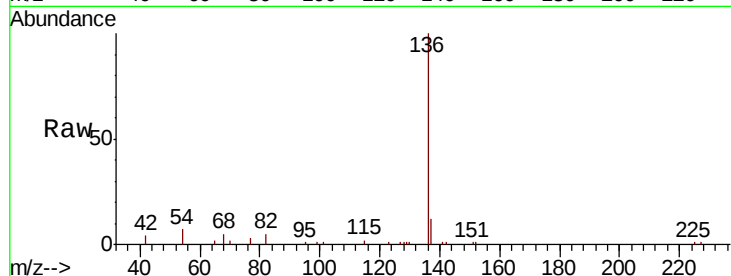
Ion Ratio Lower Upper

136 100

137 12.1 9.3 13.9

54 7.4 5.8 8.8

68 5.2 4.1 6.1

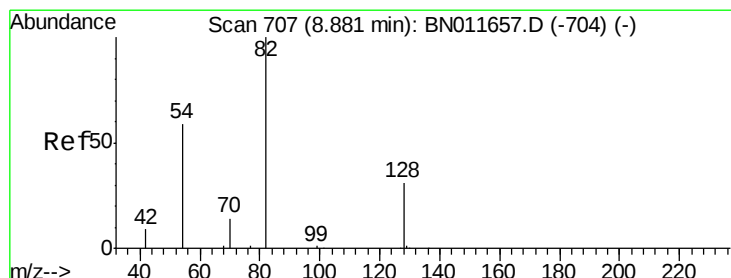
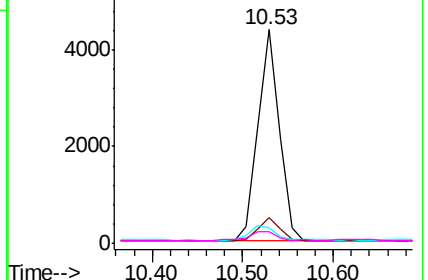
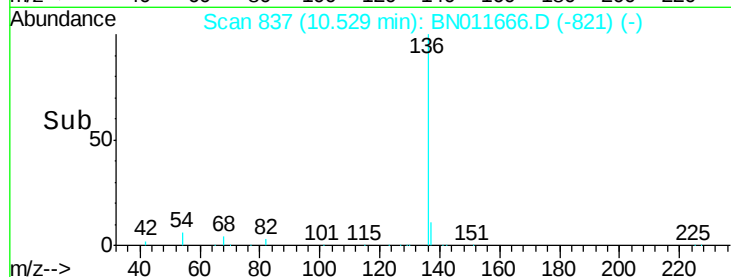


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.359 ng

RT: 8.88 min Scan# 707

Delta R.T. 0.00 min

Lab File: BN011666.D

Acq: 27 Aug 2020 16:18

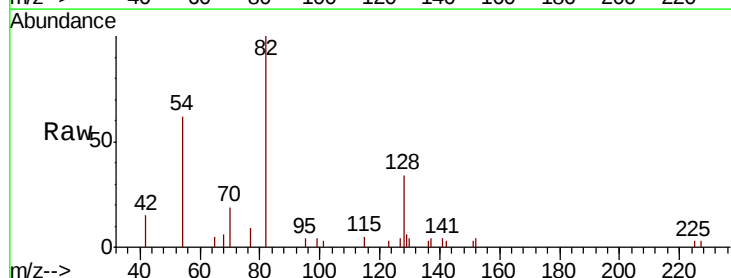
Tgt Ion: 82 Resp: 2486

Ion Ratio Lower Upper

82 100

128 33.7 26.2 39.2

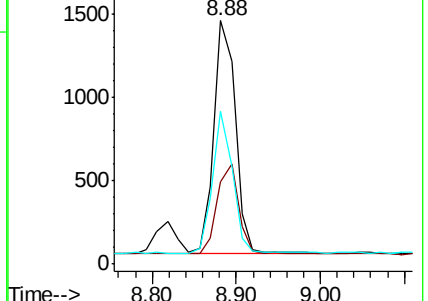
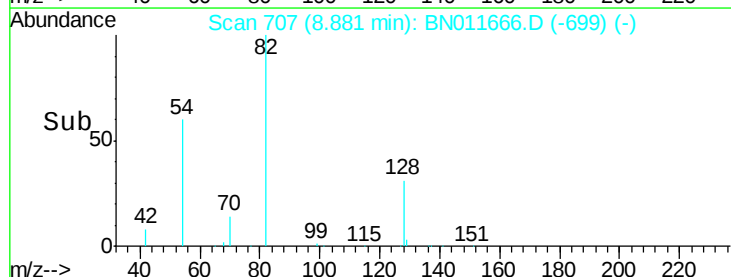
54 62.5 48.2 72.4

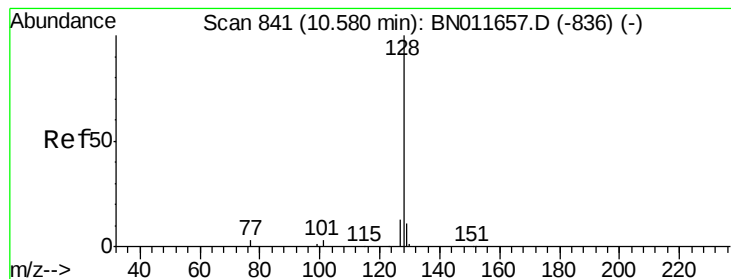


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.360 ng

RT: 10.58 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN011666.D

Acq: 27 Aug 2020 16:18

Instrument :

BNA_N

ClientSampleId :

PB131252BS

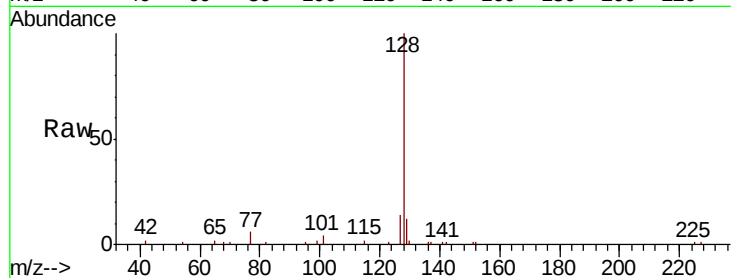
Tot Ion:128 Resp: 7380

Ion Ratio Lower Upper

128 100

129 12.0 9.4 14.2

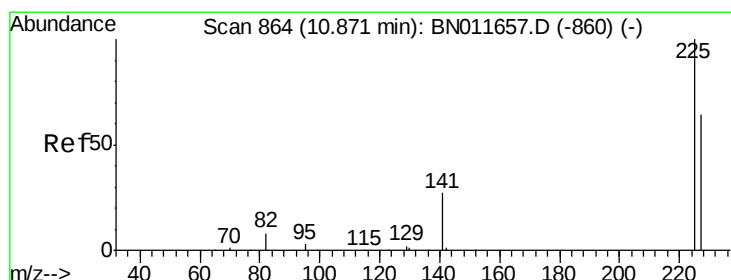
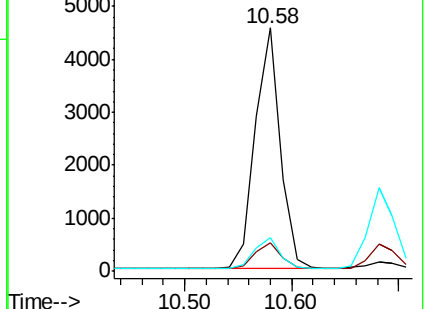
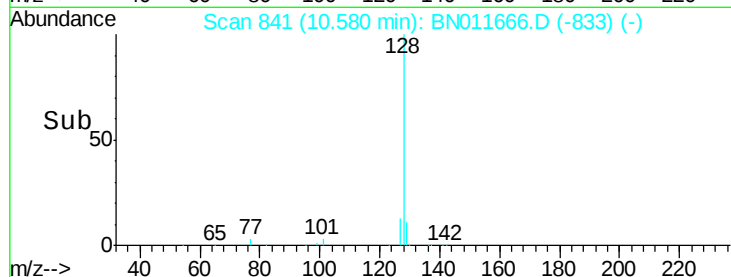
127 13.9 10.8 16.2



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: 0.376 ng

RT: 10.87 min Scan# 864

Delta R.T. 0.00 min

Lab File: BN011666.D

Acq: 27 Aug 2020 16:18

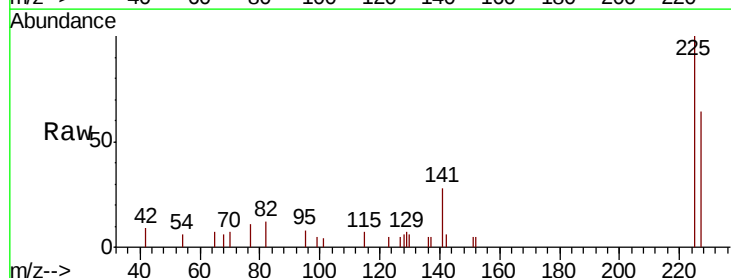
Tgt Ion:225 Resp: 1692

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

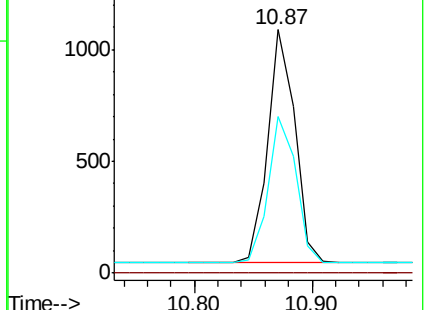
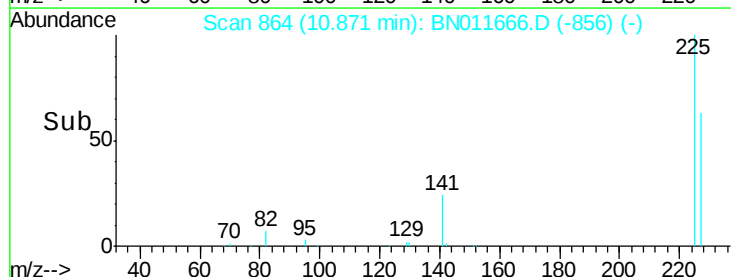
227 64.3 52.3 78.5

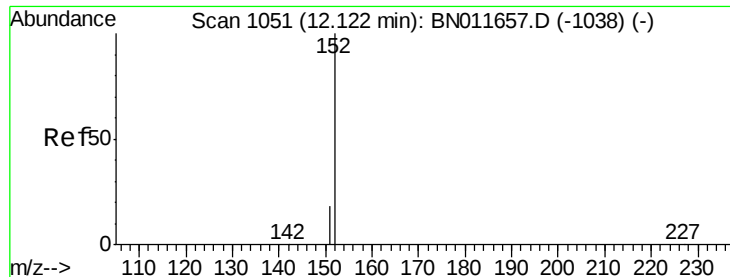


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

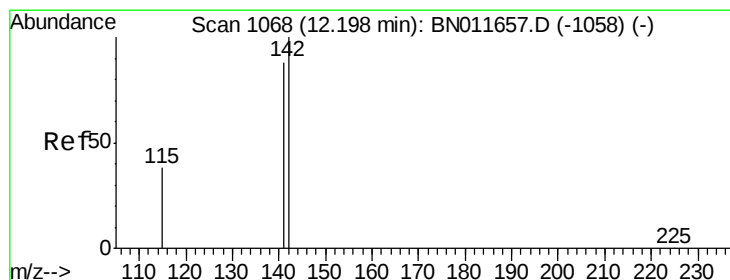
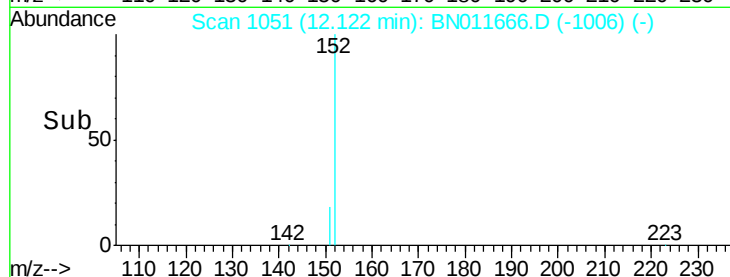
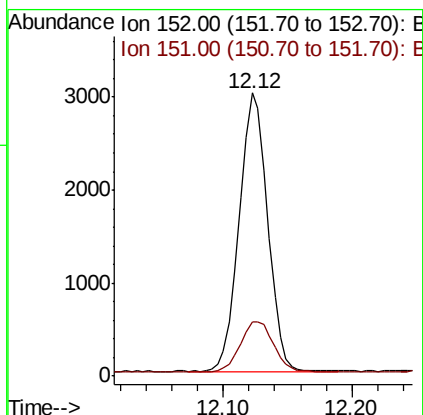
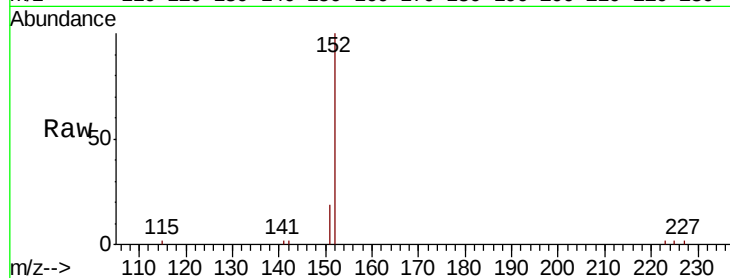




#11
 2-Methylnaphthalene-d10
 Concen: 0.354 ng
 RT: 12.12 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BN011666.D
 Acq: 27 Aug 2020 16:18

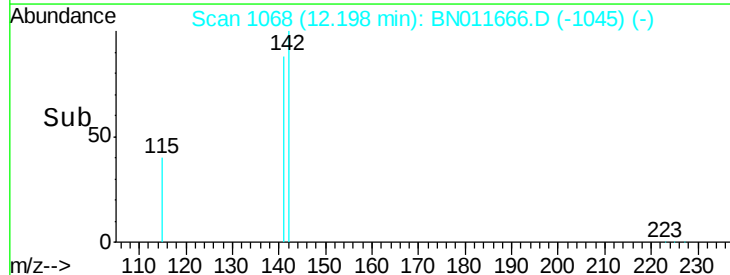
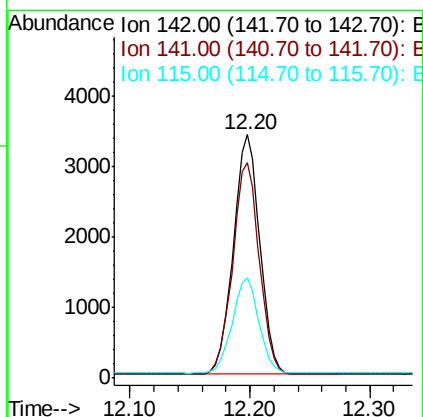
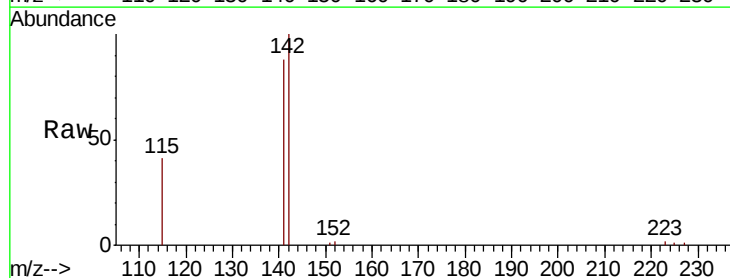
Instrument :
 BNA_N
 ClientSampleId :
 PB131252BS

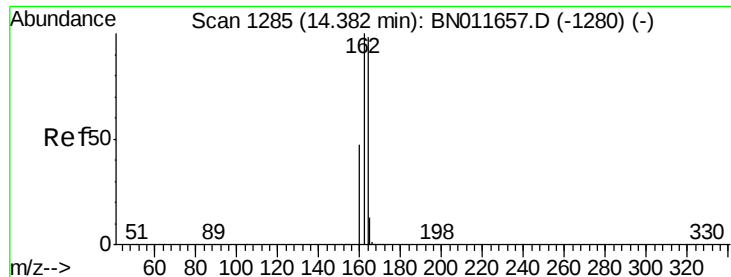
Tot Ion:152 Resp: 4565
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.7 25.1



#12
 2-Methylnaphthalene
 Concen: 0.357 ng
 RT: 12.20 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: BN011666.D
 Acq: 27 Aug 2020 16:18

Tgt Ion:142 Resp: 5200
 Ion Ratio Lower Upper
 142 100
 141 88.4 70.6 106.0
 115 41.1 31.3 46.9





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.38 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BN011666.D

Acq: 27 Aug 2020 16:18

Instrument :

BNA_N

ClientSampleId :

PB131252BS

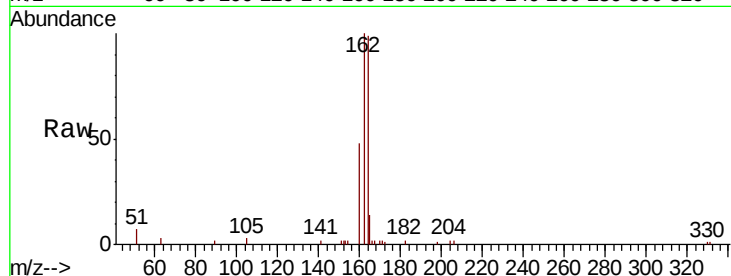
Tot Ion:164 Resp: 4256

Ion Ratio Lower Upper

164 100

162 101.0 81.4 122.0

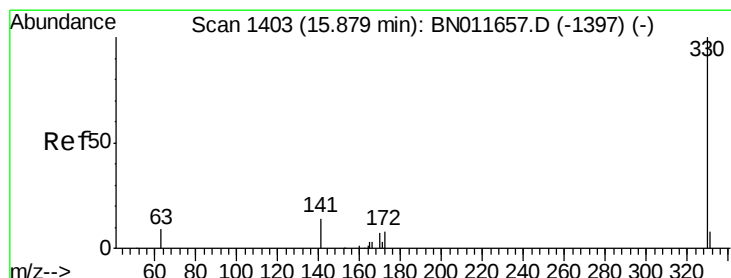
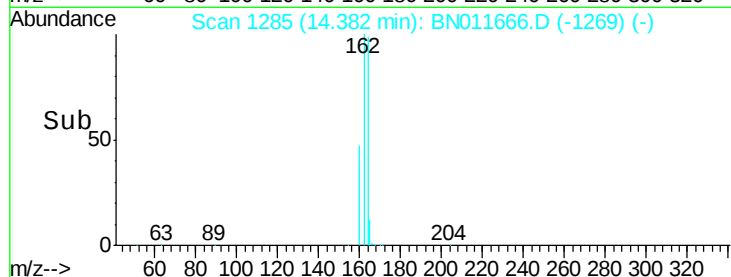
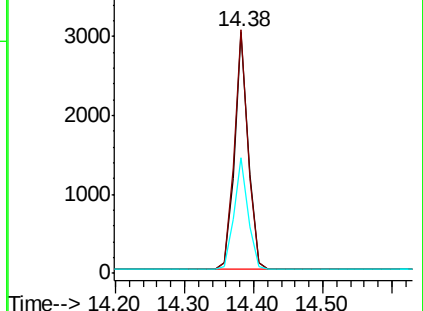
160 48.1 38.5 57.7



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: 0.342 ng

RT: 15.88 min Scan# 1403

Delta R.T. 0.00 min

Lab File: BN011666.D

Acq: 27 Aug 2020 16:18

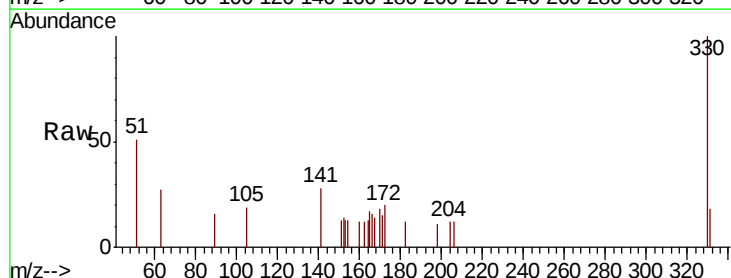
Tgt Ion:330 Resp: 706

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

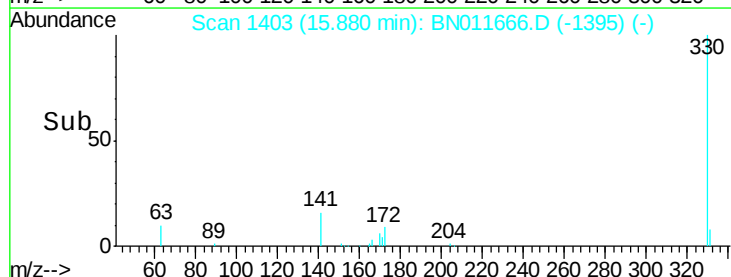
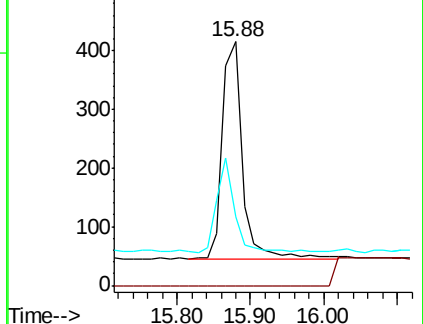
141 39.1 30.0 45.0

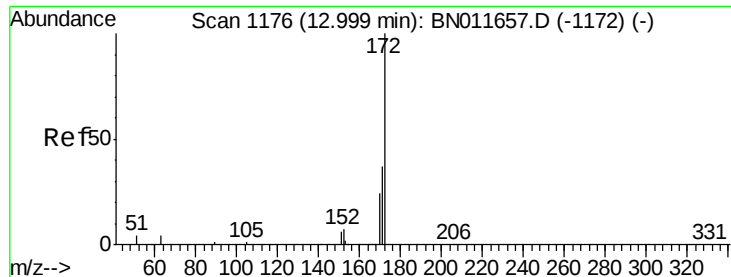


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

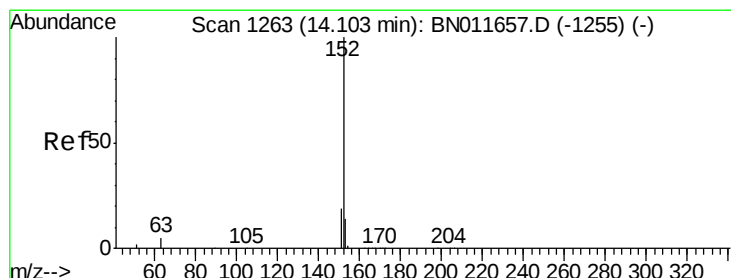
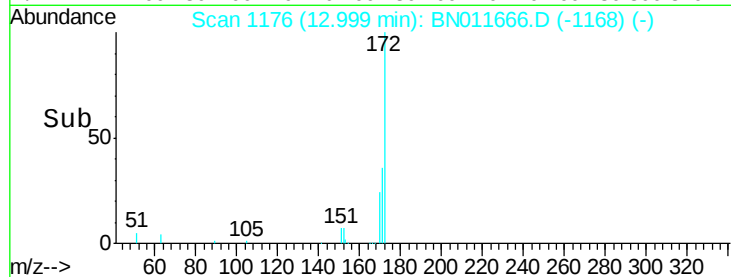
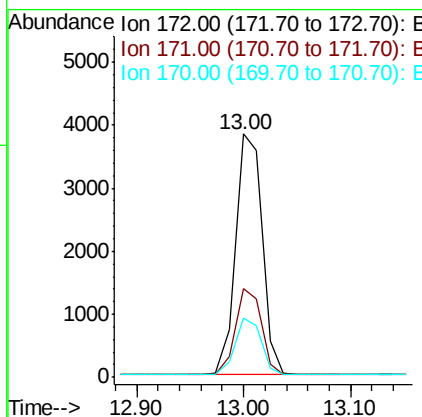
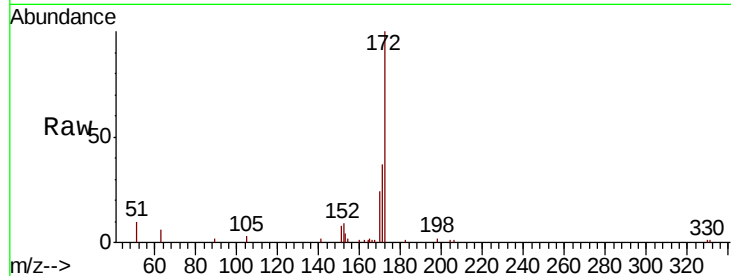




#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

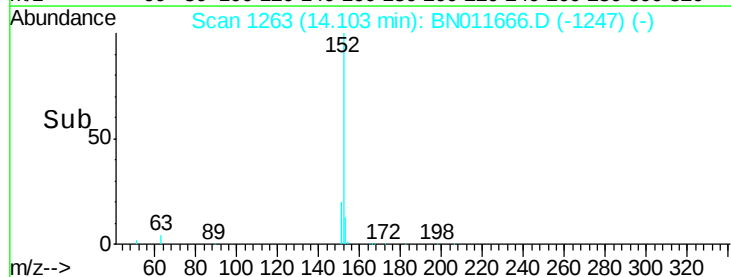
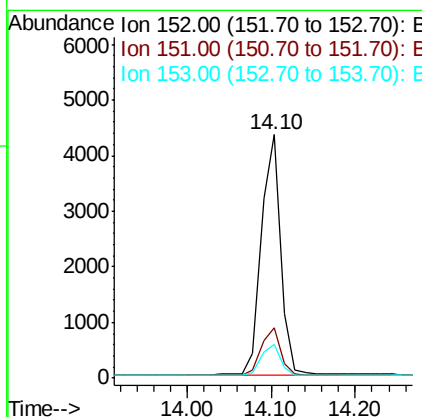
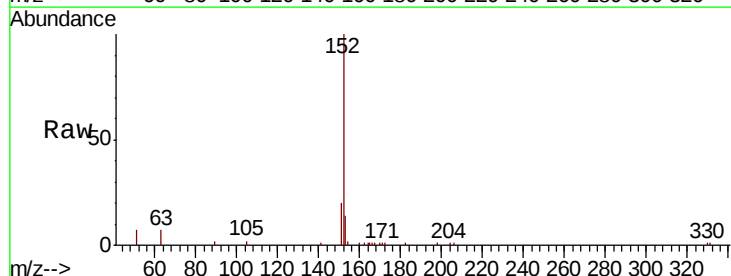
Instrument :
BNA_N
ClientSampleId :
PB131252BS

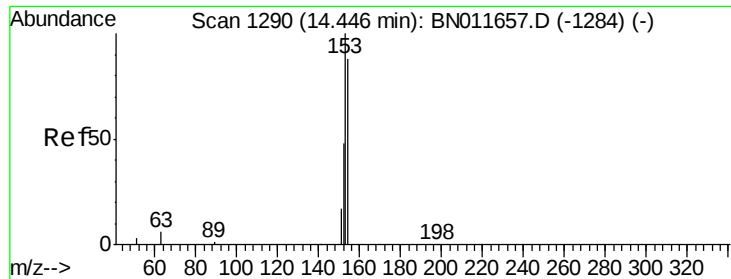
Tot Ion:172 Resp: 6610
Ion Ratio Lower Upper
172 100
171 36.7 30.0 45.0
170 24.4 20.1 30.1



#16
Acenaphthylene
Concen: 0.340 ng
RT: 14.10 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Tgt Ion:152 Resp: 7045
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 13.2 10.5 15.7





#17

Acenaphthene

Concen: 0.353 ng

RT: 14.45 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BN011666.D

Acq: 27 Aug 2020 16:18

Instrument :

BNA_N

ClientSampleId :

PB131252BS

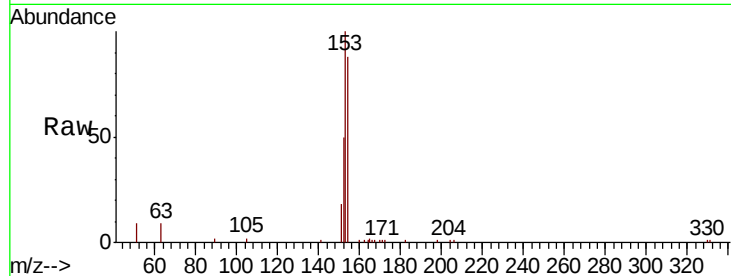
Tot Ion:154 Resp: 5058

Ion Ratio Lower Upper

154 100

153 110.2 89.2 133.8

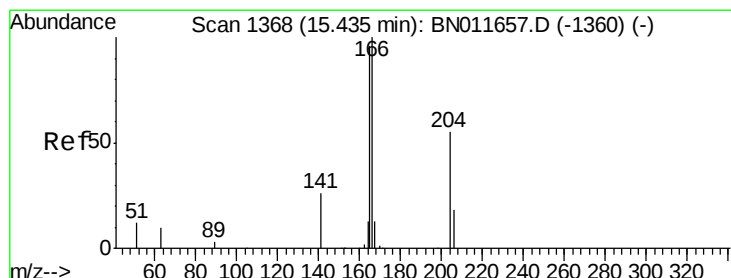
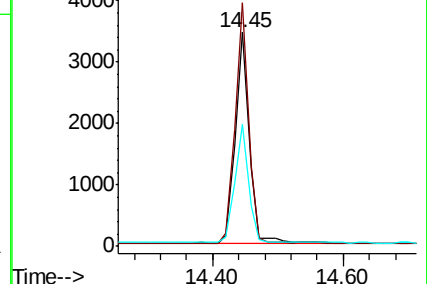
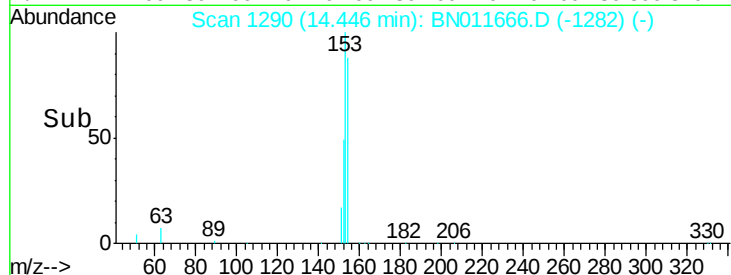
152 55.5 44.1 66.1



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: 0.353 ng

RT: 15.44 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BN011666.D

Acq: 27 Aug 2020 16:18

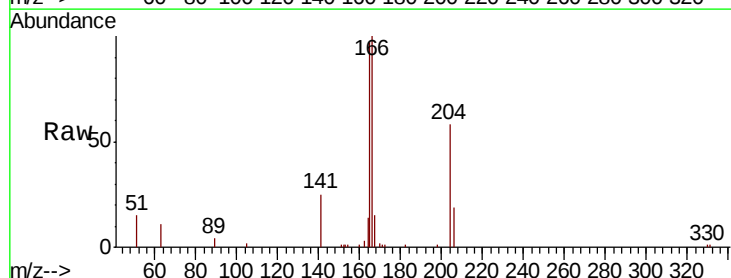
Tgt Ion:166 Resp: 6467

Ion Ratio Lower Upper

166 100

165 97.6 77.7 116.5

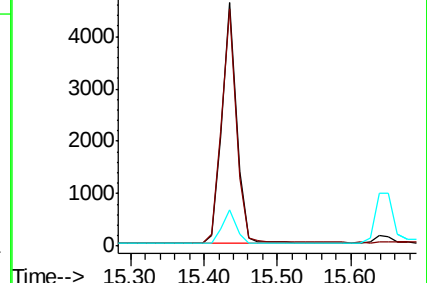
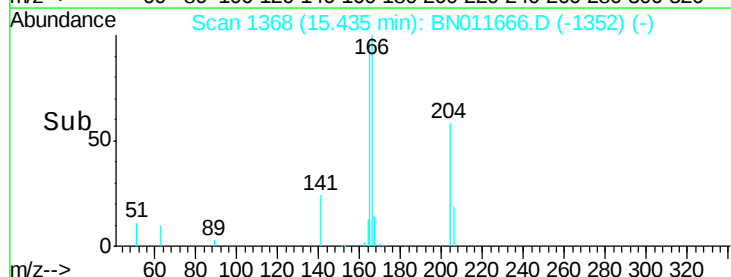
167 13.5 11.0 16.4

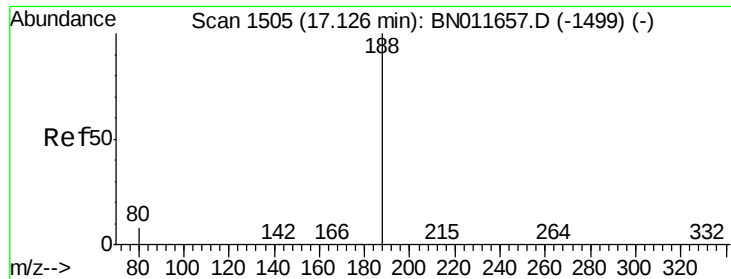


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.13 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BN011666.D

Acq: 27 Aug 2020 16:18

Instrument :

BNA_N

ClientSampleId :

PB131252BS

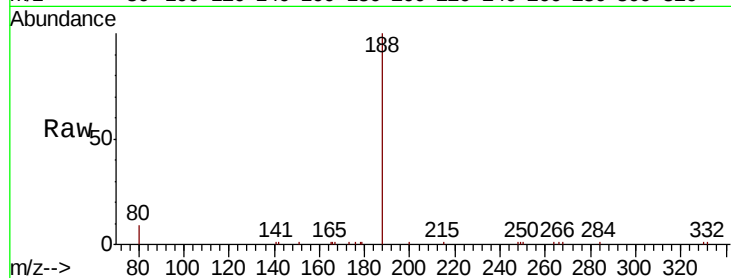
Tot Ion:188 Resp: 9412

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.7 6.6 9.8



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

17.13

8000

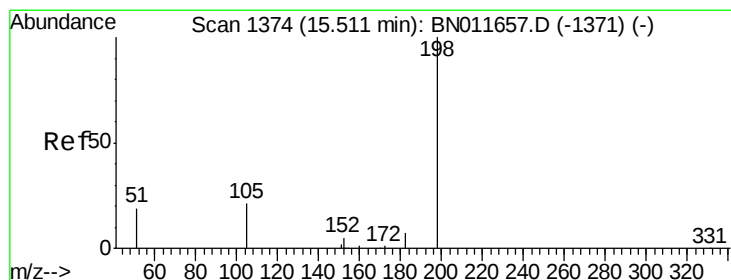
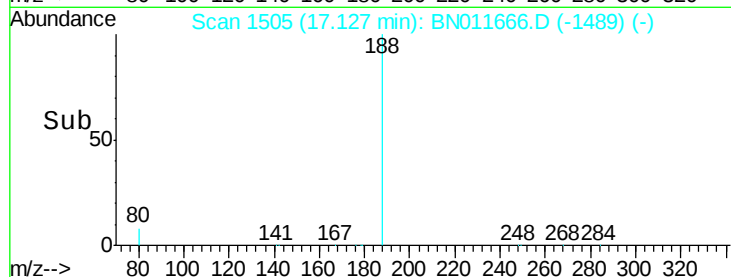
6000

4000

2000

0

Time--> 17.00 17.10 17.20



#20

4,6-Dinitro-2-methylphenol

Concen: 0.328 ng

RT: 15.51 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BN011666.D

Acq: 27 Aug 2020 16:18

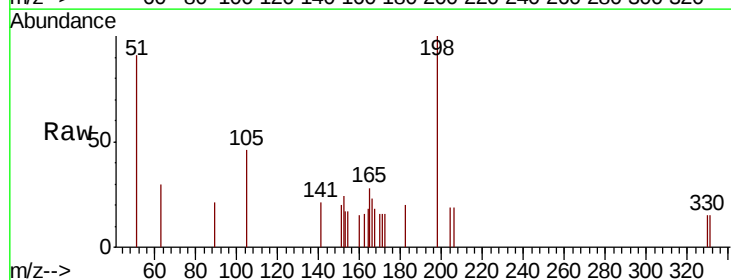
Tgt Ion:198 Resp: 477

Ion Ratio Lower Upper

198 100

51 91.3 58.6 87.8#

105 46.0 31.7 47.5



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

15.51

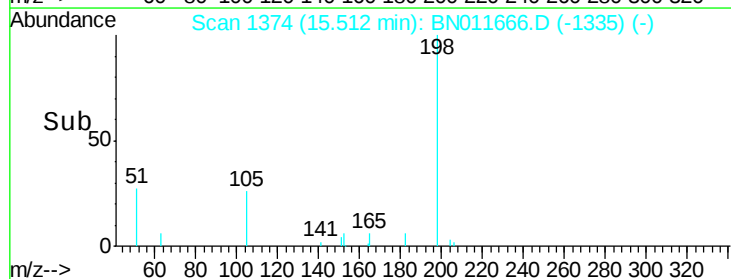
1500

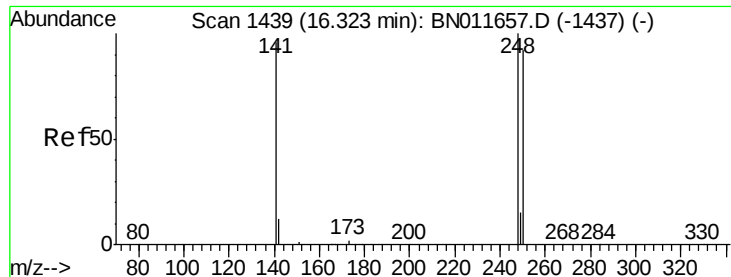
1000

500

0

Time--> 15.40 15.50 15.60 15.70

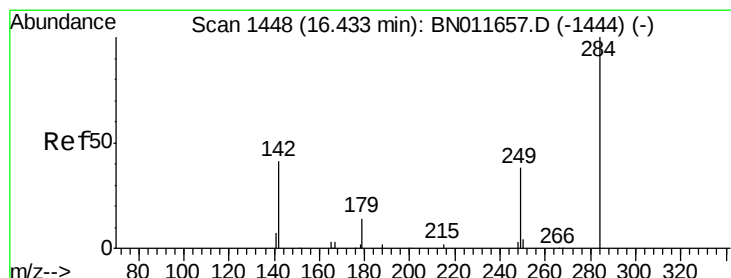
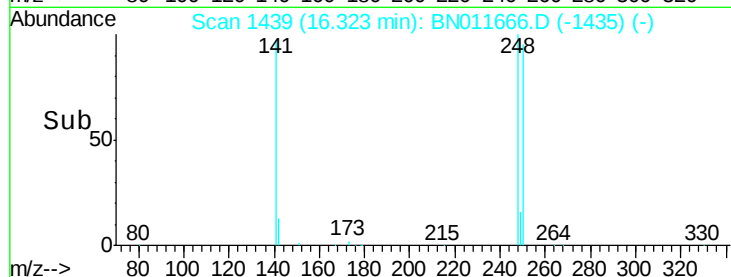
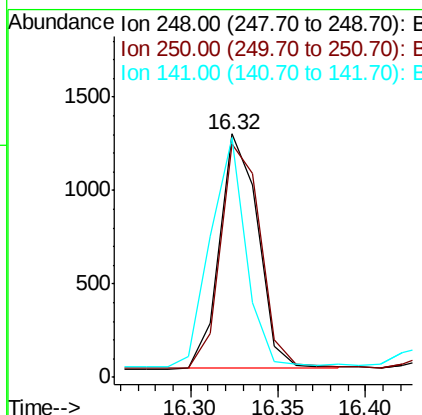
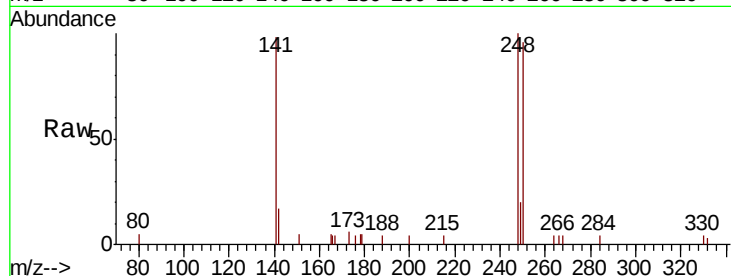




#21
4-Bromophenyl-phenylether
Concen: 0.344 ng
RT: 16.32 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

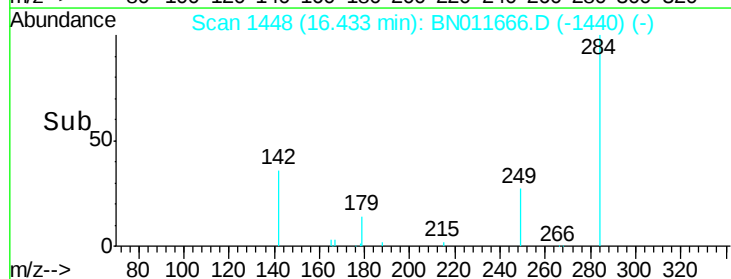
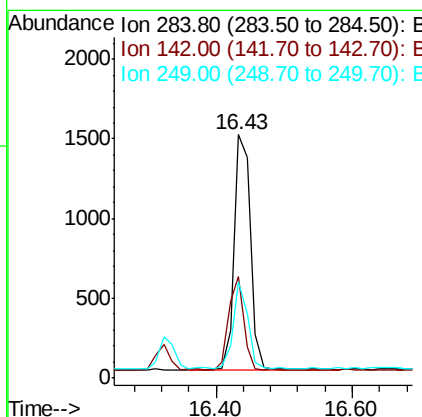
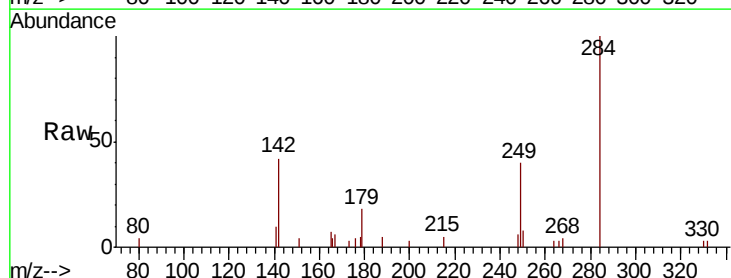
Instrument :
BNA_N
ClientSampleId :
PB131252BS

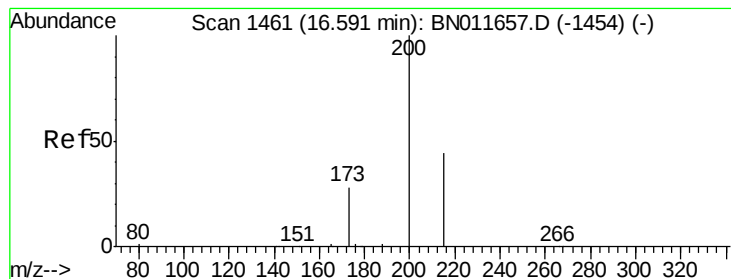
Tot Ion:248 Resp: 1897
Ion Ratio Lower Upper
248 100
250 95.6 73.9 110.9
141 98.5 79.8 119.6



#22
Hexachlorobenzene
Concen: 0.360 ng
RT: 16.43 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Tgt Ion:284 Resp: 2447
Ion Ratio Lower Upper
284 100
142 36.7 29.0 43.4
249 32.8 25.7 38.5





#23

Atrazine

Concen: 0.342 ng

RT: 16.59 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BN011666.D

Acq: 27 Aug 2020 16:18

Instrument :

BNA_N

ClientSampleId :

PB131252BS

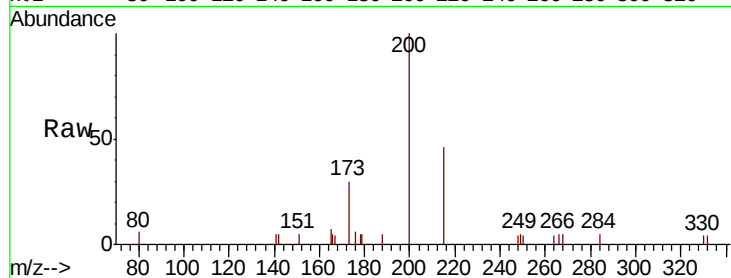
Tot Ion:200 Resp: 1655

Ion Ratio Lower Upper

200 100

173 30.4 24.3 36.5

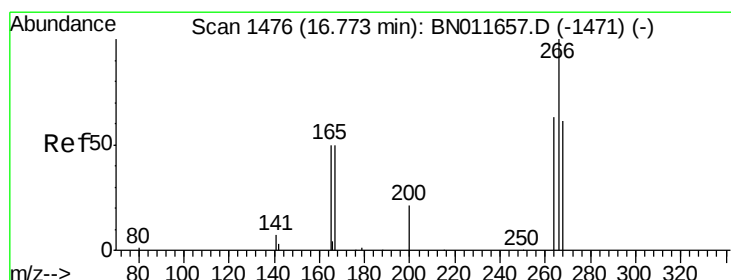
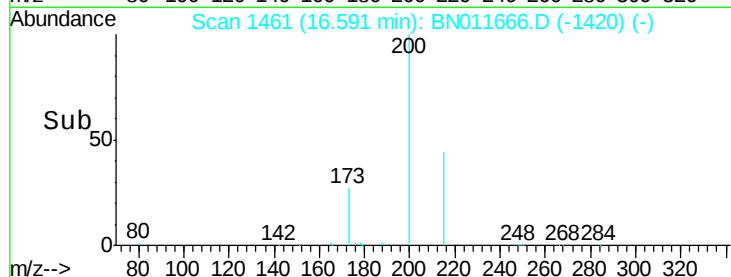
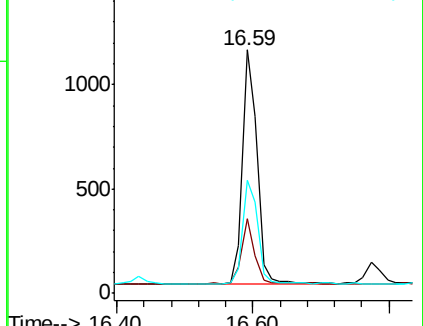
215 46.4 36.4 54.6



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: 0.333 ng

RT: 16.77 min Scan# 1476

Delta R.T. 0.00 min

Lab File: BN011666.D

Acq: 27 Aug 2020 16:18

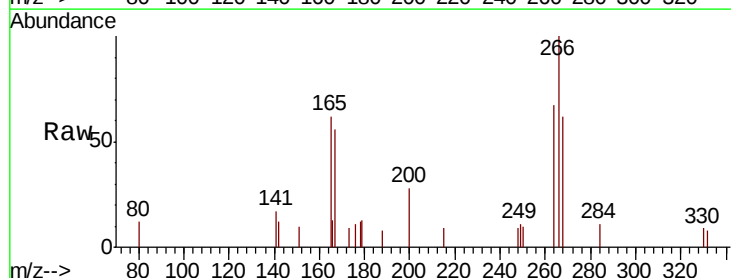
Tgt Ion:266 Resp: 900

Ion Ratio Lower Upper

266 100

264 62.3 49.5 74.3

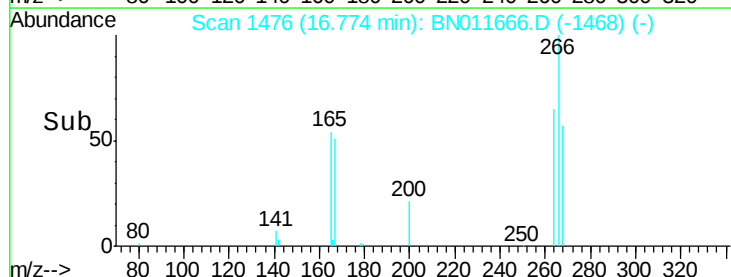
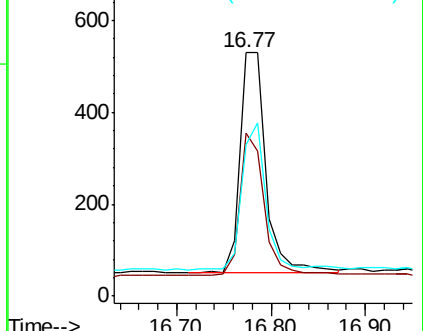
268 61.3 53.0 79.4

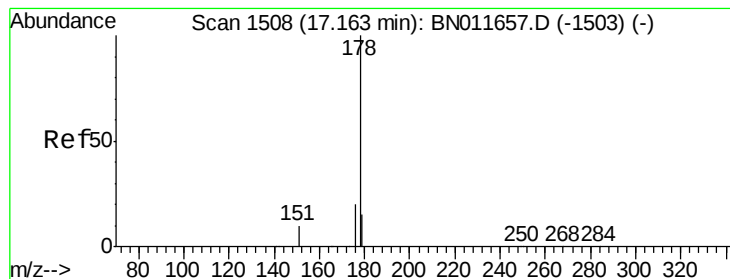


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Phenanthrene

Concen: 0.352 ng

RT: 17.16 min Scan# 1508

Delta R.T. 0.00 min

Lab File: BN011666.D

Acq: 27 Aug 2020 16:18

Instrument :

BNA_N

ClientSampleId :

PB131252BS

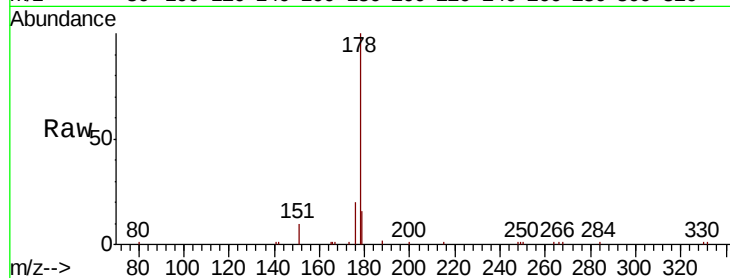
Tot Ion:178 Resp: 10693

Ion Ratio Lower Upper

178 100

176 18.6 15.2 22.8

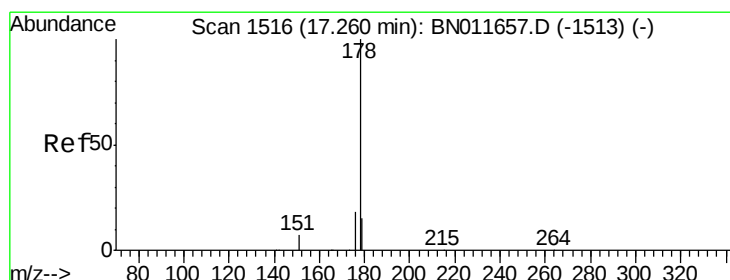
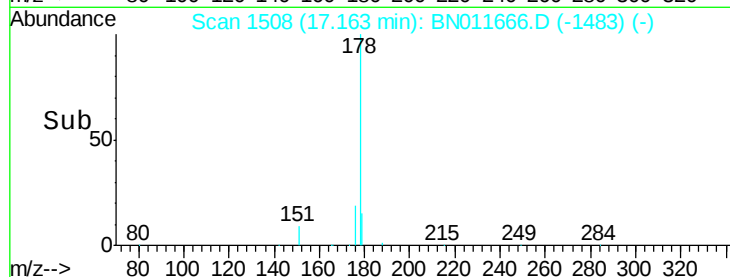
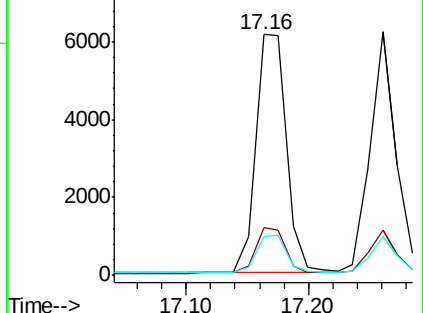
179 15.3 12.4 18.6



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: 0.345 ng

RT: 17.26 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BN011666.D

Acq: 27 Aug 2020 16:18

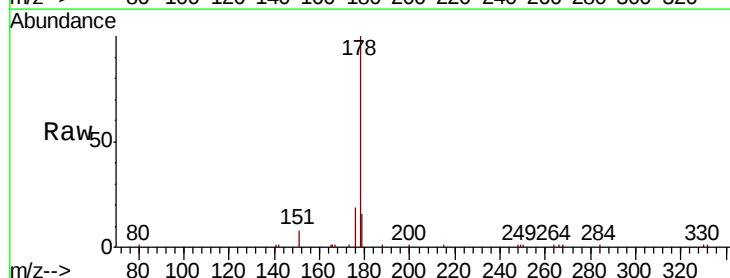
Tgt Ion:178 Resp: 9324

Ion Ratio Lower Upper

178 100

176 17.8 14.5 21.7

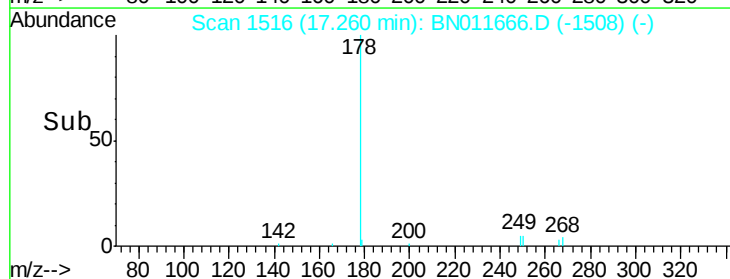
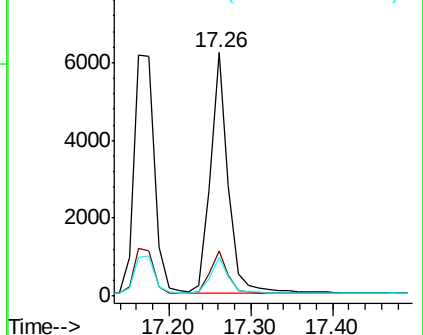
179 15.0 12.2 18.4

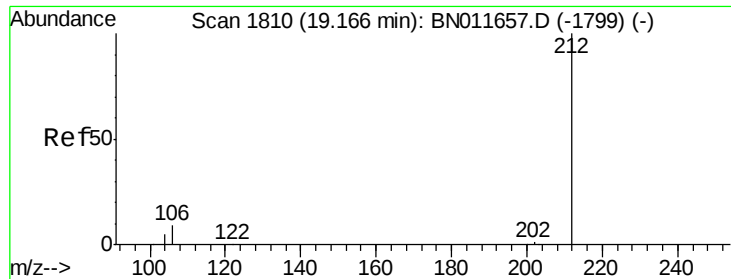


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

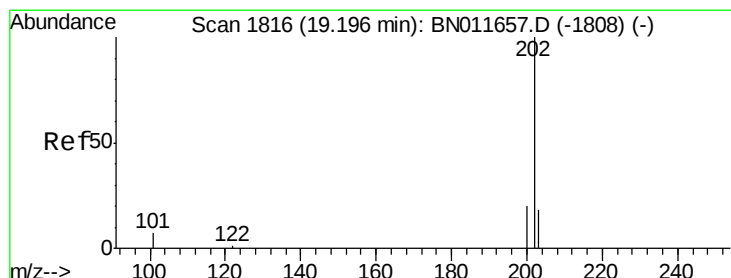
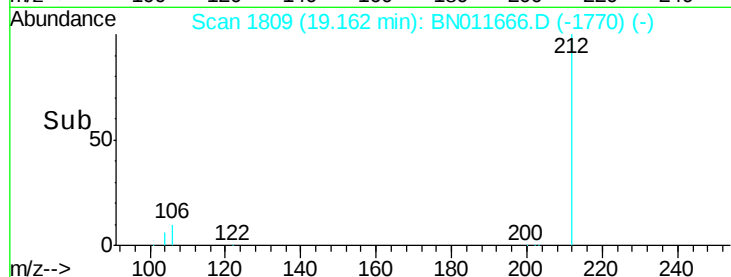
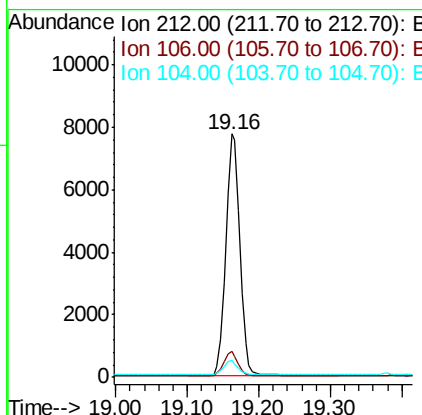
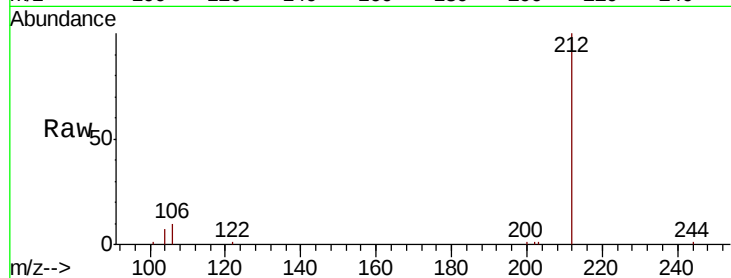




#27
 Fluoranthene-d10
 Concen: 0.351 ng
 RT: 19.16 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: BN011666.D
 Acq: 27 Aug 2020 16:18

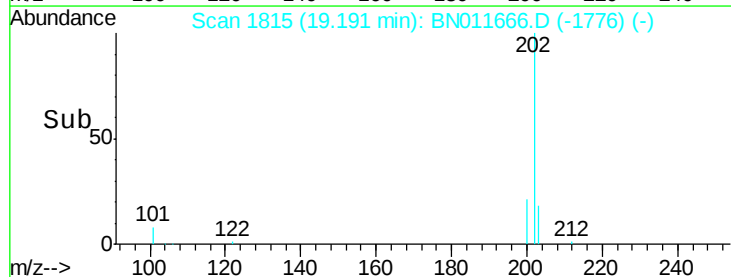
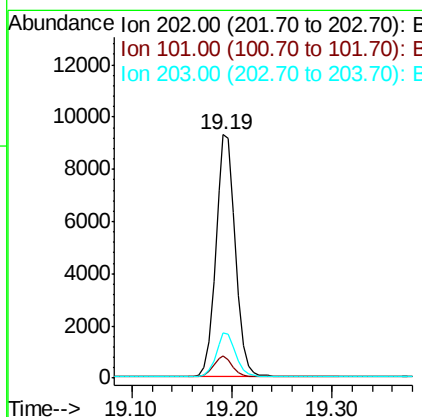
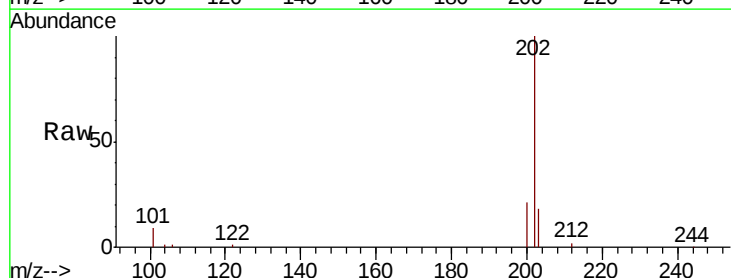
Instrument :
 BNA_N
 ClientSampleId :
 PB131252BS

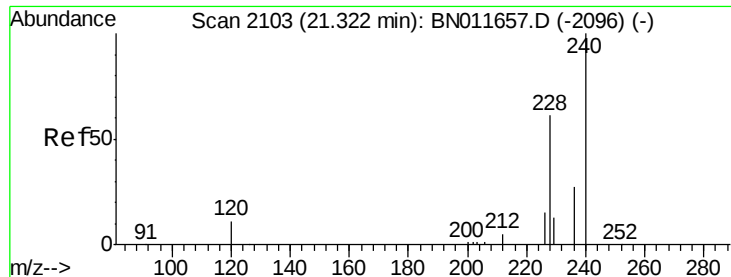
Tot Ion:212 Resp: 10599
 Ion Ratio Lower Upper
 212 100
 106 9.6 7.6 11.4
 104 5.7 4.6 6.8



#28
 Fluoranthene
 Concen: 0.351 ng
 RT: 19.19 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BN011666.D
 Acq: 27 Aug 2020 16:18

Tgt Ion:202 Resp: 12638
 Ion Ratio Lower Upper
 202 100
 101 8.3 6.5 9.7
 203 17.3 13.8 20.6

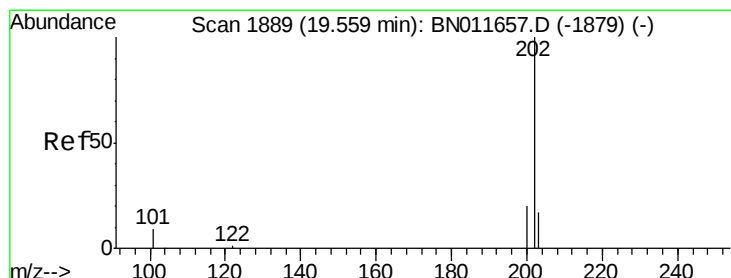
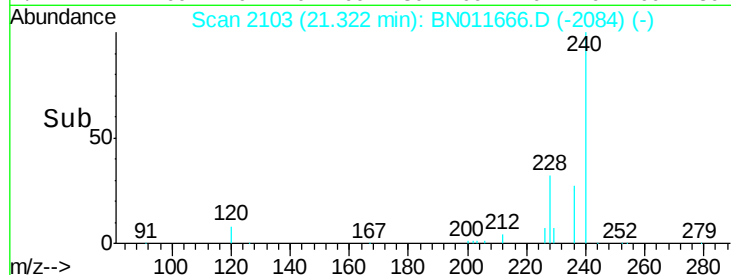
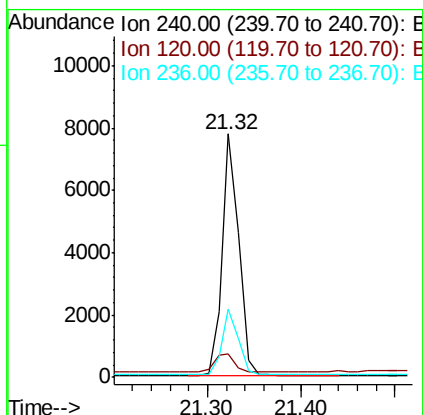
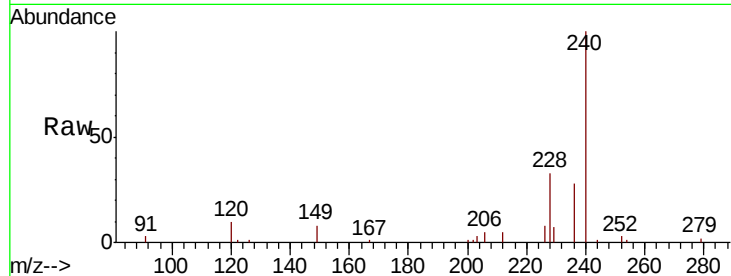




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

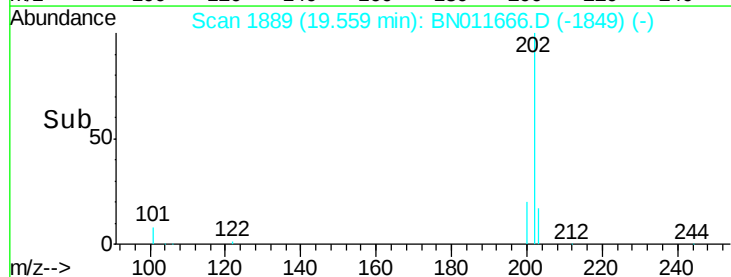
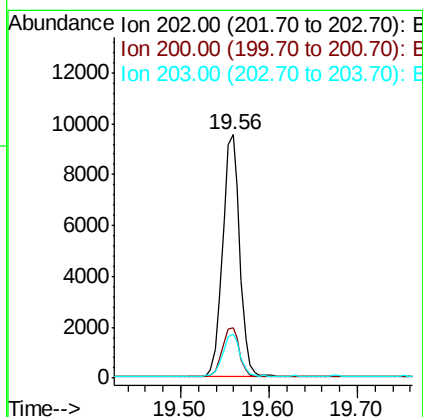
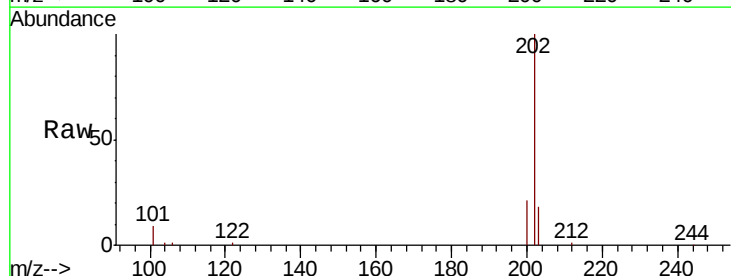
Instrument :
BNA_N
ClientSampleId :
PB131252BS

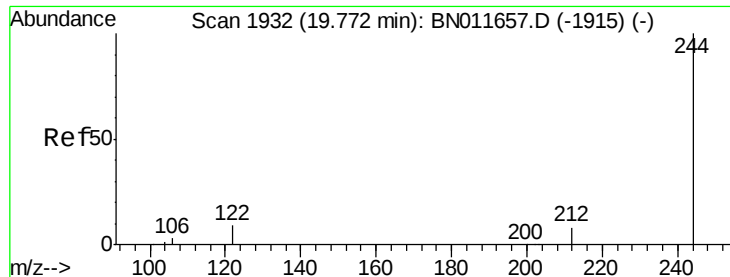
Tot Ion:240 Resp: 9668
Ion Ratio Lower Upper
240 100
120 9.5 9.9 14.9#
236 27.8 22.2 33.4



#30
Pyrene
Concen: 0.381 ng
RT: 19.56 min Scan# 1889
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Tgt Ion:202 Resp: 12819
Ion Ratio Lower Upper
202 100
200 20.6 16.3 24.5
203 17.6 14.1 21.1





#31

Terphenyl-d14

Concen: 0.385 ng

RT: 19.77 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BN011666.D

Acq: 27 Aug 2020 16:18

Instrument :

BNA_N

ClientSampleId :

PB131252BS

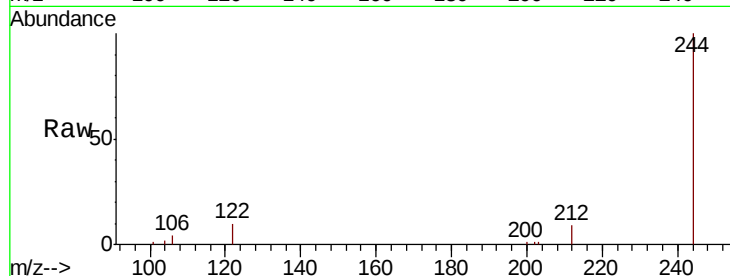
Tot Ion:244 Resp: 9247

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

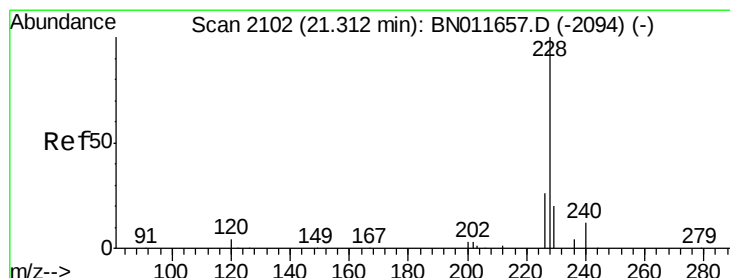
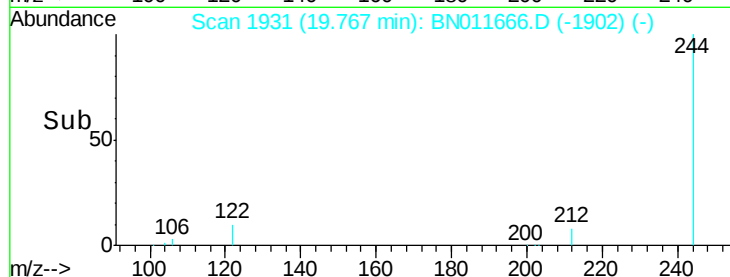
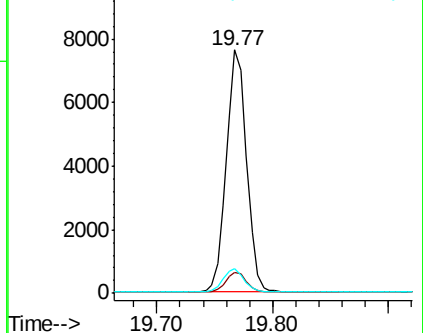
122 10.4 7.4 11.2



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: 0.366 ng

RT: 21.31 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BN011666.D

Acq: 27 Aug 2020 16:18

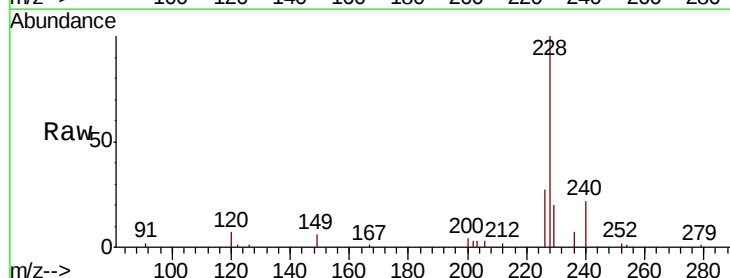
Tgt Ion:228 Resp: 12646

Ion Ratio Lower Upper

228 100

226 26.6 21.2 31.8

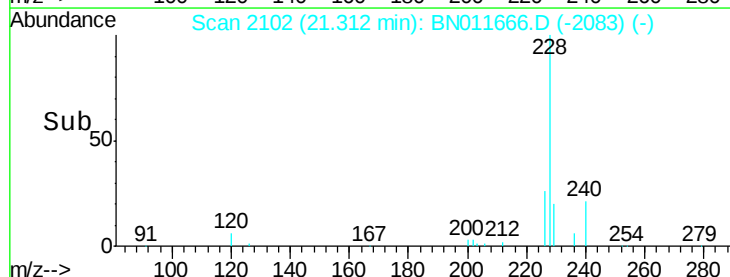
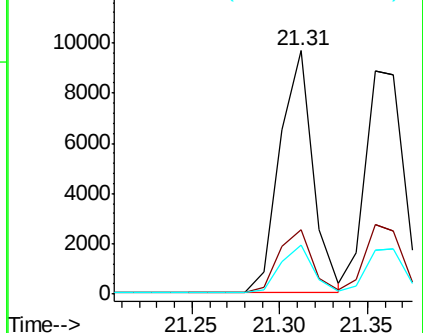
229 20.1 16.0 24.0

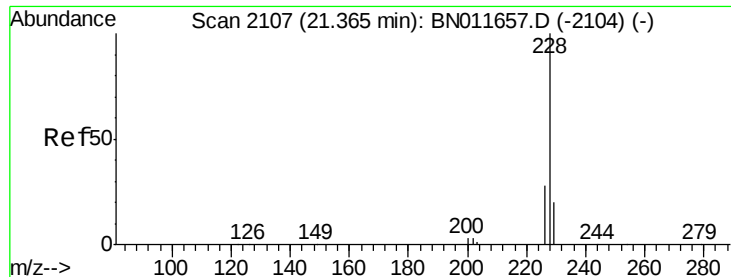


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#33

Chrysene

Concen: 0.372 ng

RT: 21.35 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BN011666.D

Acq: 27 Aug 2020 16:18

Instrument :

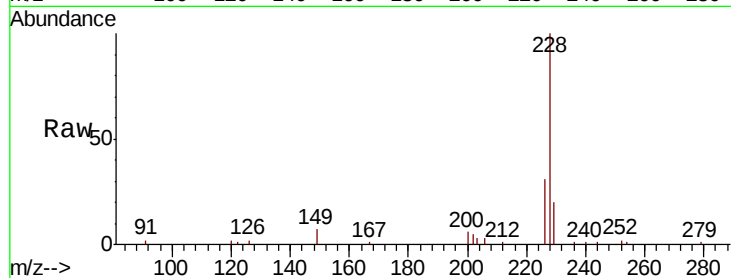
BNA_N

ClientSampleId :

PB131252BS

Tot Ion:228 Resp: 13251

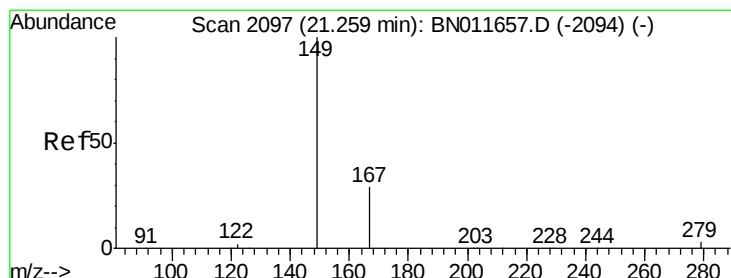
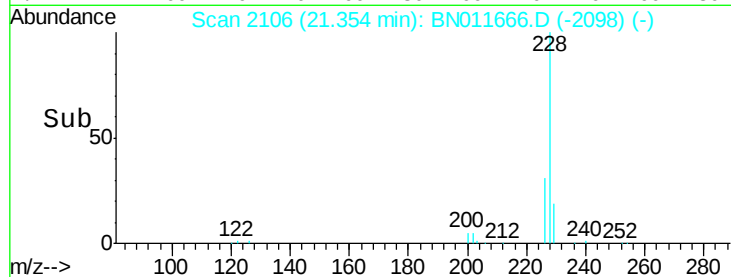
Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.7	34.1
229	19.7	15.9	23.9



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: 0.357 ng

RT: 21.26 min Scan# 2097

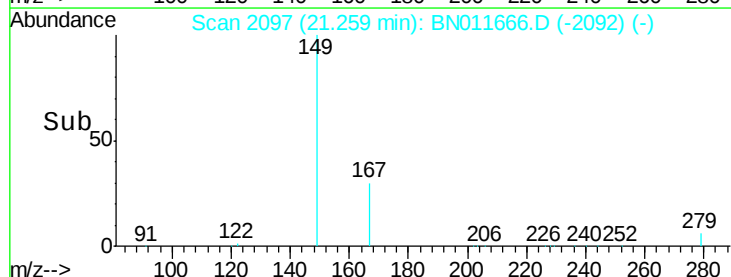
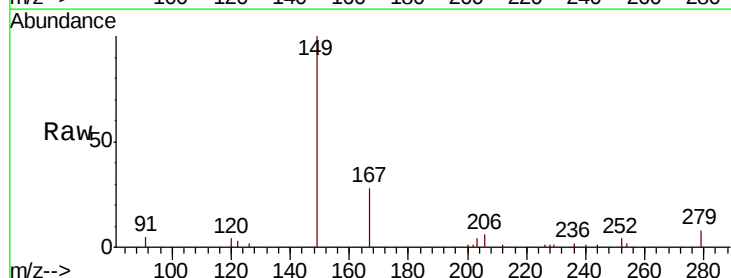
Delta R.T. 0.00 min

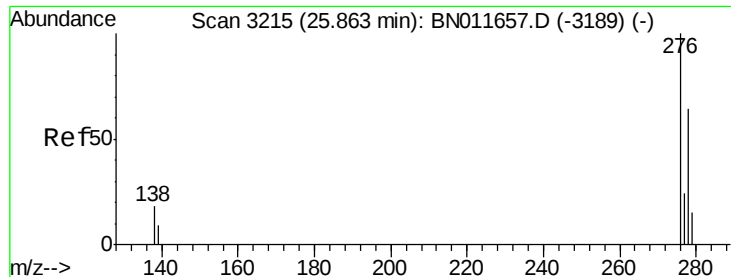
Lab File: BN011666.D

Acq: 27 Aug 2020 16:18

Tgt Ion:149 Resp: 5006

Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.2	34.8
279	5.5	4.0	6.0

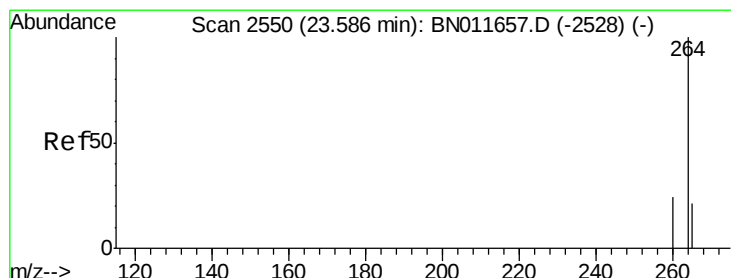
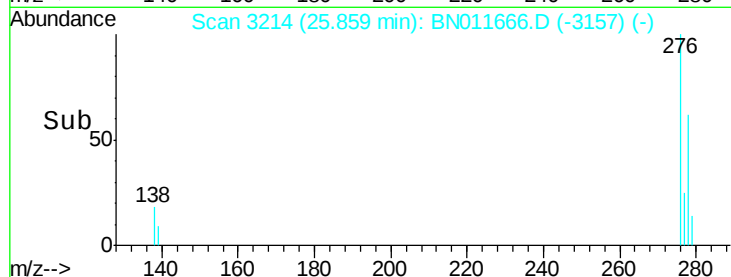
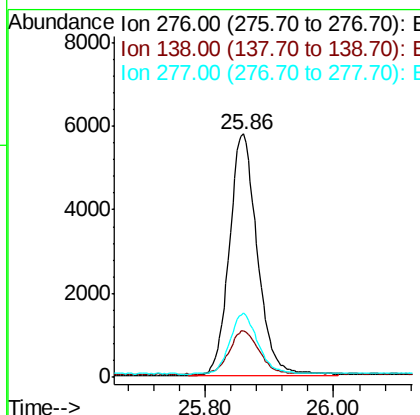
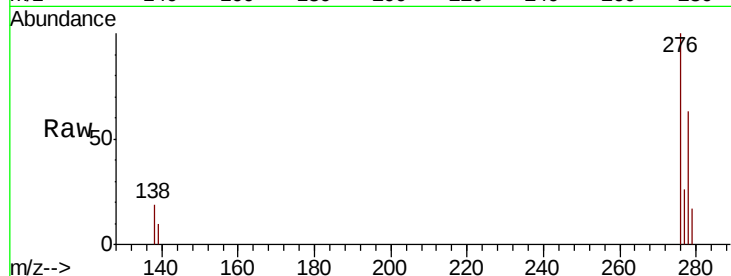




#35
 Indeno(1,2,3-cd)pyrene
 Concen: 0.375 ng
 RT: 25.86 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: BN011666.D
 Acq: 27 Aug 2020 16:18

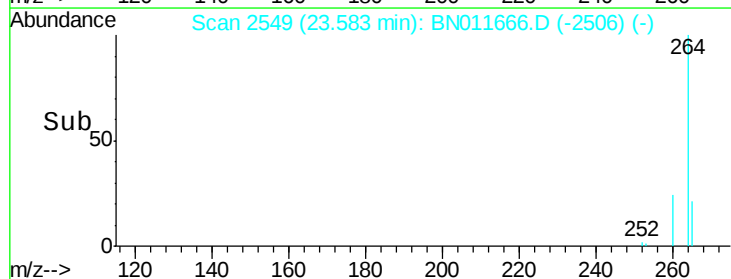
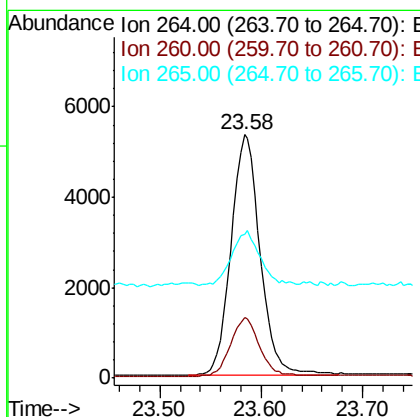
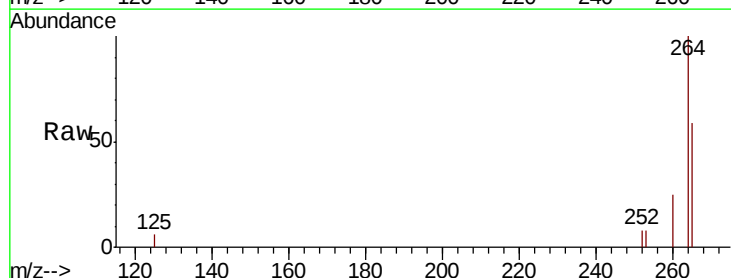
Instrument :
 BNA_N
 ClientSampleId :
 PB131252BS

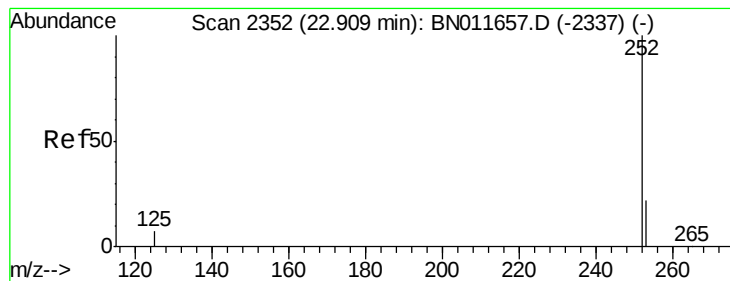
Tot Ion:276 Resp: 17436
 Ion Ratio Lower Upper
 276 100
 138 19.0 15.4 23.2
 277 25.3 20.1 30.1



#36
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.58 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BN011666.D
 Acq: 27 Aug 2020 16:18

Tgt Ion:264 Resp: 10534
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.8 29.6
 265 59.0 38.9 58.3#





#37

Benzo(b)fluoranthene

Concen: 0.353 ng

RT: 22.91 min Scan# 2351

Delta R.T. -0.00 min

Lab File: BN011666.D

Acq: 27 Aug 2020 16:18

Instrument :

BNA_N

ClientSampleId :

PB131252BS

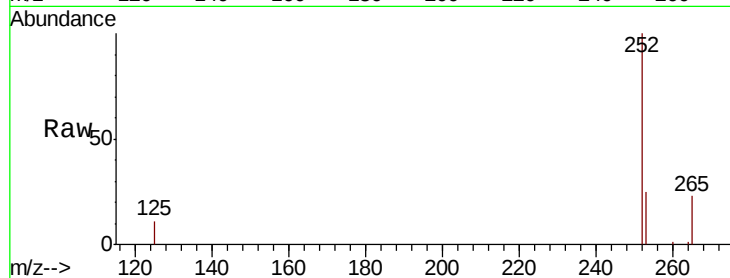
Tot Ion:252 Resp: 14247

Ion Ratio Lower Upper

252 100

253 24.9 19.7 29.5

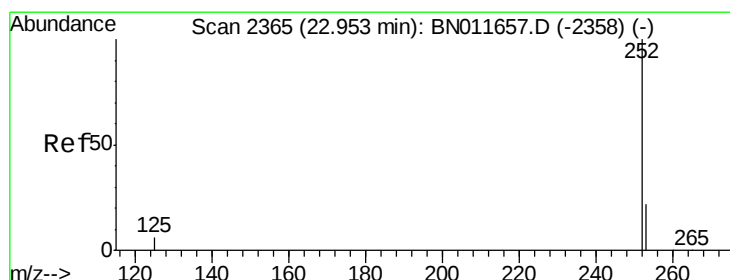
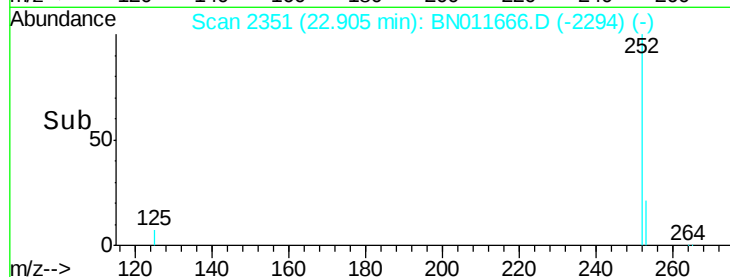
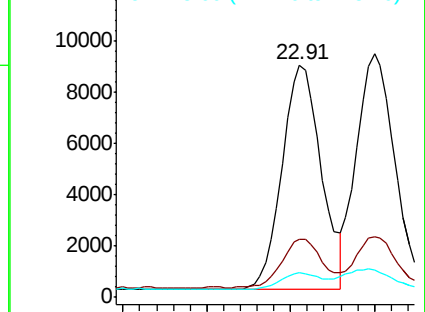
125 10.7 7.8 11.8



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



#38

Benzo(k)fluoranthene

Concen: 0.354 ng

RT: 22.95 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BN011666.D

Acq: 27 Aug 2020 16:18

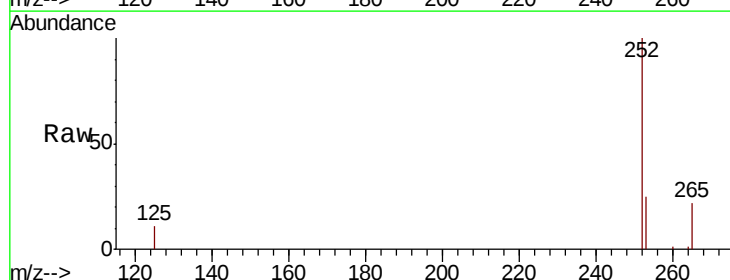
Tgt Ion:252 Resp: 14610

Ion Ratio Lower Upper

252 100

253 24.9 19.4 29.0

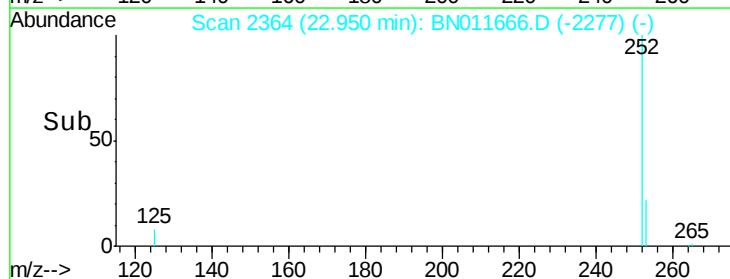
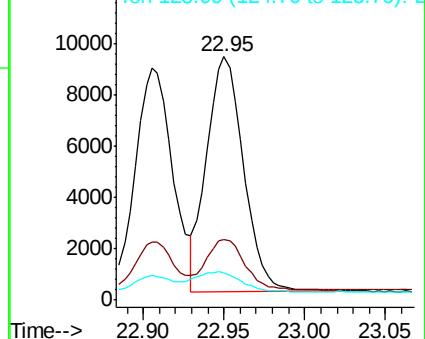
125 11.2 8.4 12.6

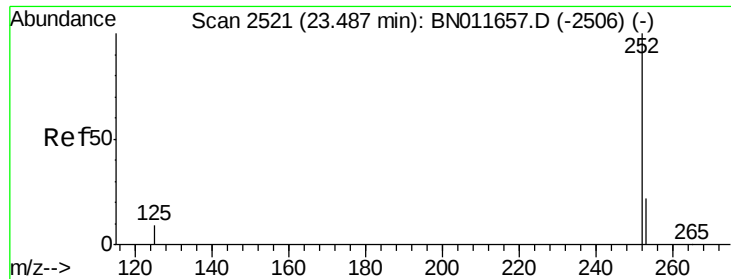


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Benzo(a)pyrene

Concen: 0.338 ng

RT: 23.48 min Scan# 2520

Delta R.T. -0.00 min

Lab File: BN011666.D

Acq: 27 Aug 2020 16:18

Instrument :

BNA_N

ClientSampleId :

PB131252BS

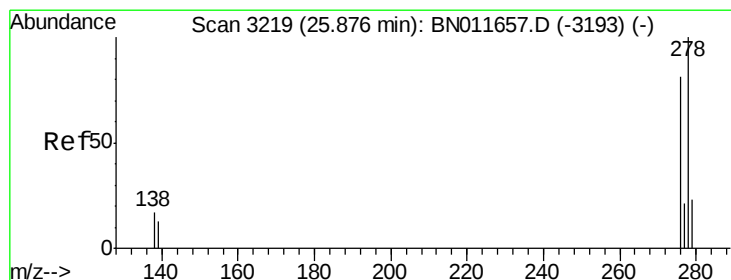
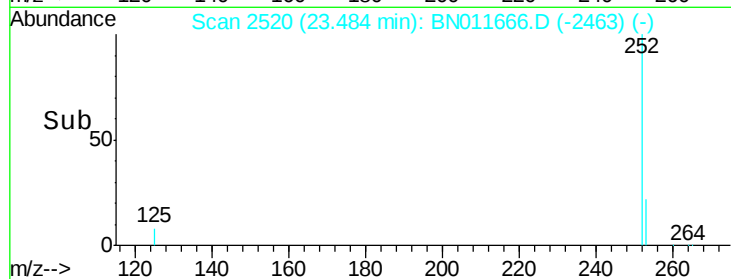
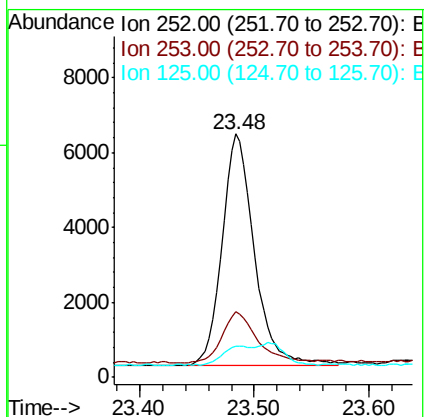
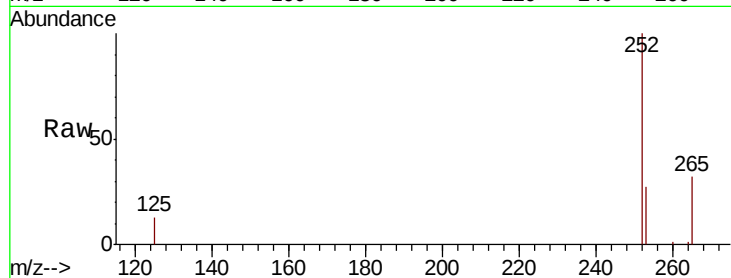
Tot Ion:252 Resp: 12219

Ion Ratio Lower Upper

252 100

253 26.8 20.3 30.5

125 12.9 9.8 14.6



#40

Dibenzo(a,h)anthracene

Concen: 0.351 ng

RT: 25.87 min Scan# 3218

Delta R.T. -0.00 min

Lab File: BN011666.D

Acq: 27 Aug 2020 16:18

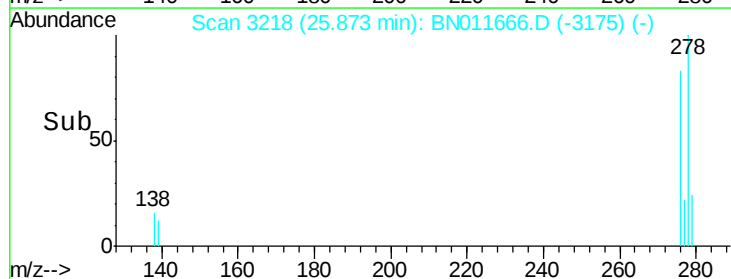
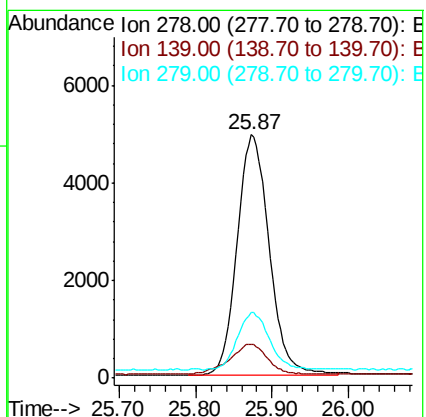
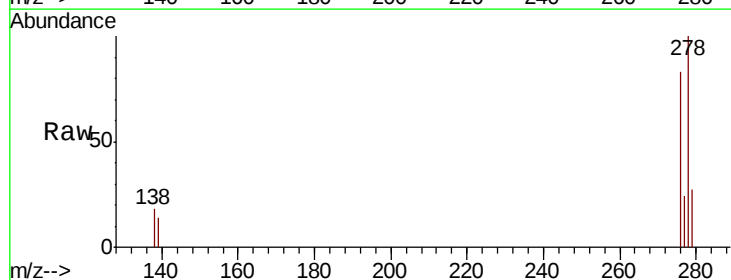
Tgt Ion:278 Resp: 14310

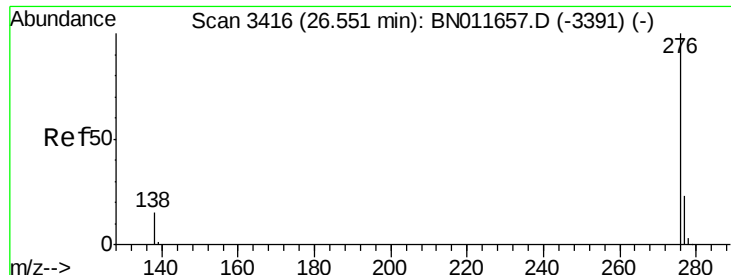
Ion Ratio Lower Upper

278 100

139 13.8 11.0 16.6

279 27.1 20.5 30.7





#41

Benzo(a,h,i)perylene

Concen: 0.344 ng

RT: 26.55 min Scan# 3416

Delta R.T. 0.00 min

Lab File: BN011666.D

Acq: 27 Aug 2020 16:18

Instrument :

BNA_N

ClientSampleId :

PB131252BS

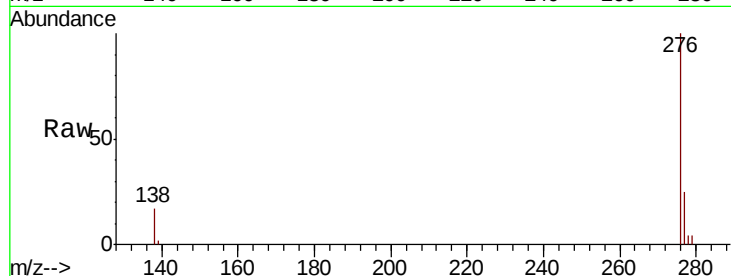
Tot Ion: 276 Resp: 13742

Ion Ratio Lower Upper

276 100

277 25.4 19.7 29.5

138 17.4 13.4 20.2



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

