

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN041520\
 Data File : BN010504.D
 Acq On : 15 Apr 2020 12:16
 Operator : CG/JU
 Sample : PB128093BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128093BS

Quant Time: Apr 15 12:46:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 18:04:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	3526	0.40	ng	-0.02
7) Naphthalene-d8	10.35	136	14398	0.40	ng	-0.01
13) Acenaphthene-d10	14.22	164	9583	0.40	ng	0.00
19) Phenanthrene-d10	16.97	188	22562	0.40	ng	0.00
27) Chrysene-d12	21.17	240	22712	0.40	ng	-0.01
34) Perylene-d12	23.35	264	19422	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	2762	0.36	ng	0.00
5) Phenol-d6	6.78	99	3466	0.34	ng	-0.02
8) Nitrobenzene-d5	8.72	82	3307	0.33	ng	-0.03
11) 2-Methylnaphthalene-d10	11.95	152	11522	0.49	ng	-0.01
14) 2,4,6-Tribromophenol	15.72	330	1313	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	11926	0.34	ng	0.00
25) Fluoranthene-d10	19.01	212	21649	0.32	ng	0.00
29) Terphenyl-d14	19.62	244	17584	0.34	ng	0.00

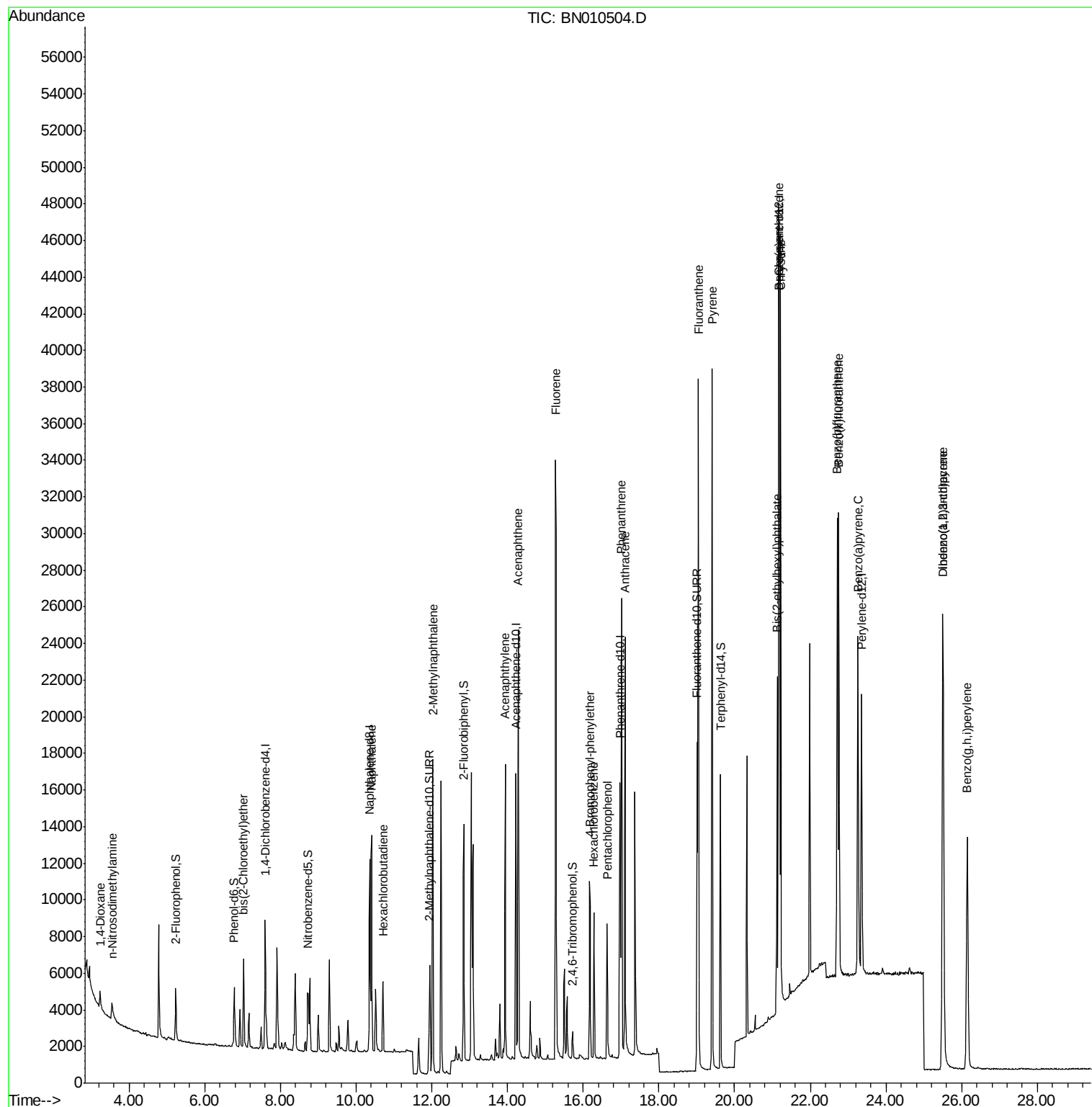
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	880	0.339	ng	# 88
3) n-Nitrosodimethylamine	3.54	42	866	0.515	ng	# 93
6) bis(2-Chloroethyl)ether	7.03	93	4137	0.473	ng	99
9) Naphthalene	10.41	128	16606	0.464	ng	100
10) Hexachlorobutadiene	10.71	225	3625	0.421	ng	# 99
12) 2-Methylnaphthalene	12.02	142	12270	0.478	ng	97
16) Acenaphthylene	13.93	152	18316	0.442	ng	100
17) Acenaphthene	14.28	154	12324	0.463	ng	97
18) Fluorene	15.27	166	16164	0.464	ng	100
20) 4-Bromophenyl-phenylether	16.17	248	5156	0.411	ng	# 73
21) Hexachlorobenzene	16.28	284	6342	0.443	ng	99
22) Pentachlorophenol	16.63	266	4320	0.768	ng	97
23) Phenanthrene	17.01	178	27871	0.457	ng	100
24) Anthracene	17.10	178	24693	0.443	ng	100
26) Fluoranthene	19.04	202	34685	0.457	ng	100
28) Pyrene	19.41	202	35074	0.459	ng	100
30) Benzo(a)anthracene	21.16	228	31815	0.429	ng	100
31) Chrysene	21.22	228	34964	0.474	ng	99
32) Bis(2-ethylhexyl)phthalate	21.12	149	13318	0.350	ng	99
33) Indeno(1,2,3-cd)pyrene	25.50	276	30751	0.471	ng	99
35) Benzo(b)fluoranthene	22.71	252	30159	0.472	ng	99
36) Benzo(k)fluoranthene	22.75	252	30608	0.478	ng	99
37) Benzo(a)pyrene	23.26	252	27031	0.478	ng	97
38) Dibenzo(a,h)anthracene	25.51	278	25272	0.488	ng	98
39) Benzo(g,h,i)perylene	26.14	276	26062	0.500	ng	98

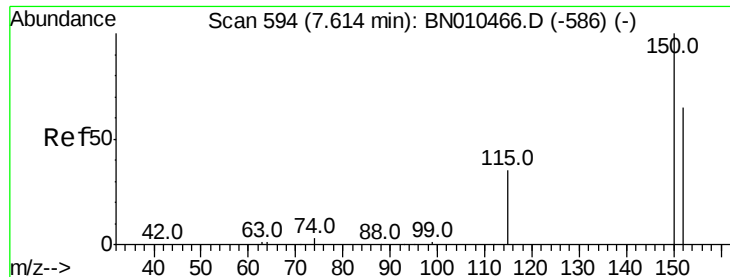
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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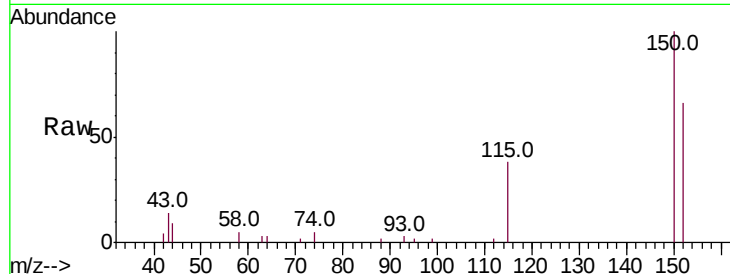


#1

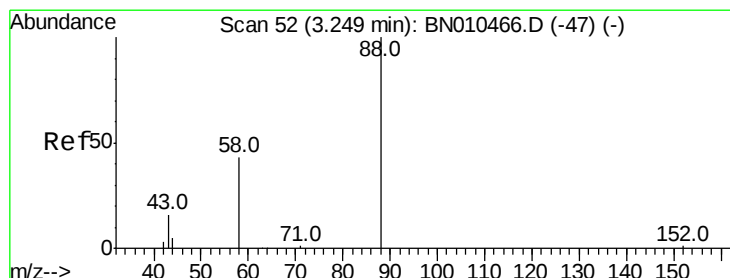
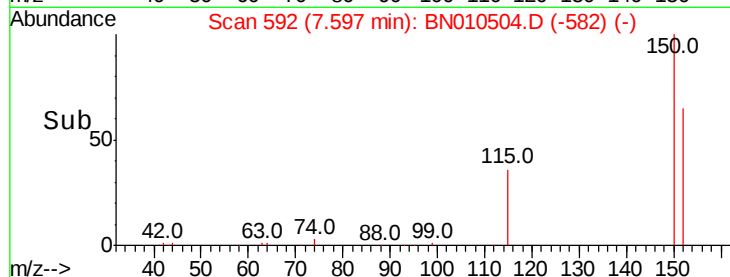
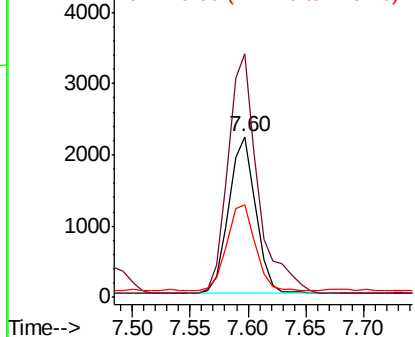
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. -0.02 min
Lab File: BN010504.D
Acq: 15 Apr 2020 12:16

Instrument :
BNA_N
ClientSampleId :
PB128093BS

Tot Ion:152 Resp: 3526
Ion Ratio Lower Upper
152 100
150 151.6 121.8 182.6
115 57.3 45.5 68.3



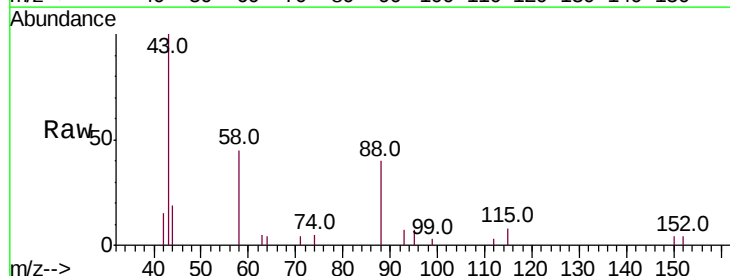
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



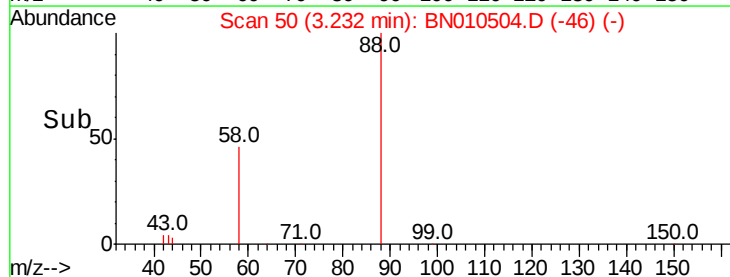
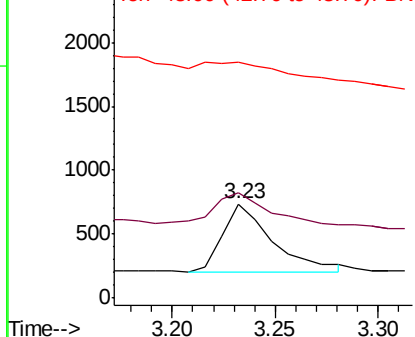
#2

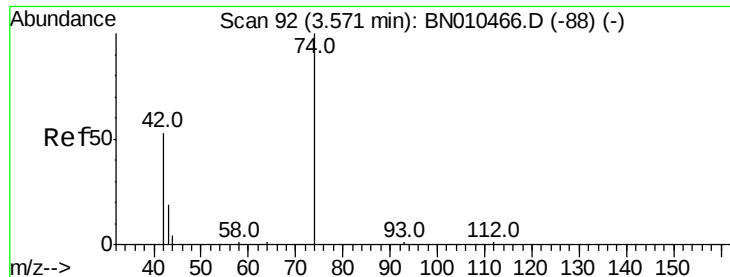
1,4-Dioxane
Concen: 0.339 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.02 min
Lab File: BN010504.D
Acq: 15 Apr 2020 12:16

Tgt Ion: 88 Resp: 880
Ion Ratio Lower Upper
88 100
58 47.3 36.5 54.7
43 0.0 13.2 19.8#



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: 0.515 ng

RT: 3.54 min Scan# 88

Delta R.T. -0.03 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

Instrument :

BNA_N

ClientSampleId :

PB128093BS

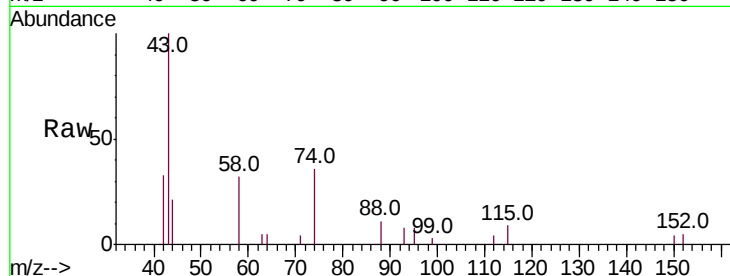
Tot Ion: 42 Resp: 866

Ion Ratio Lower Upper

42 100

74 191.5 162.2 243.4

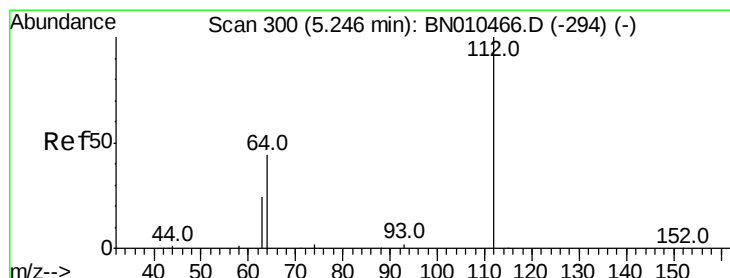
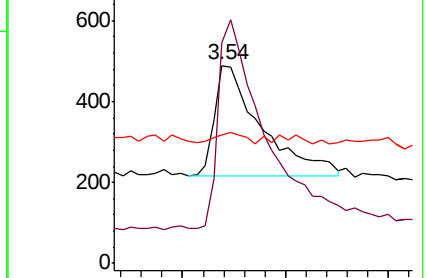
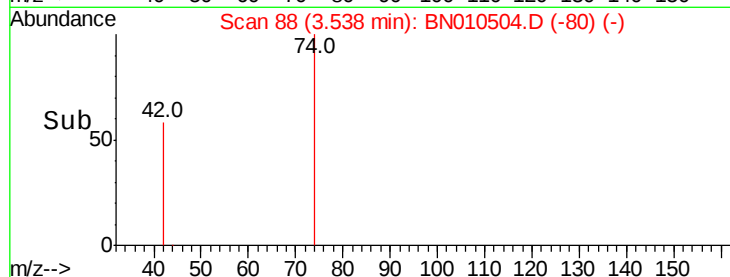
44 6.8 2.4 3.6#



Abundance Ion 42.00 (41.70 to 42.70): BN010466.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BN010466.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BN010466.D (-88) (-)



#4

2-Fluorophenol

Concen: 0.358 ng

RT: 5.24 min Scan# 299

Delta R.T. -0.01 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

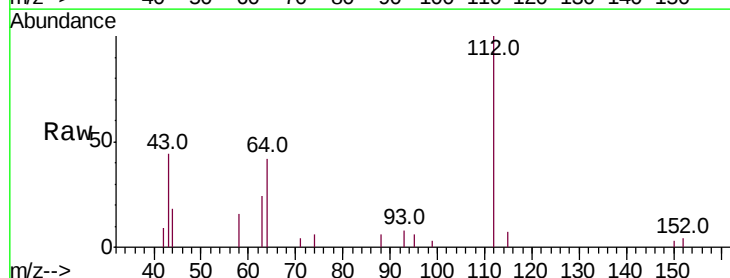
Tgt Ion: 112 Resp: 2762

Ion Ratio Lower Upper

112 100

64 47.0 35.8 53.8

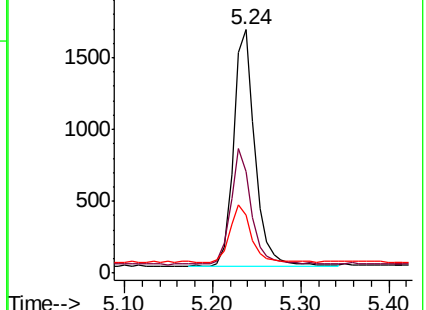
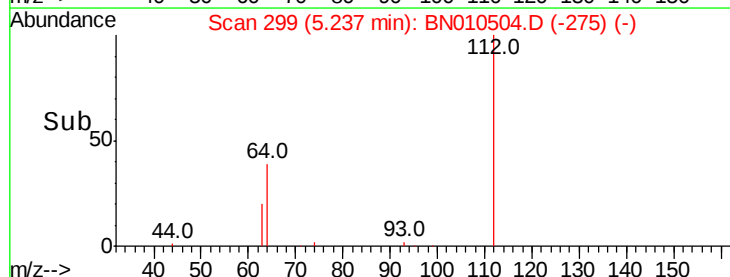
63 24.3 19.9 29.9

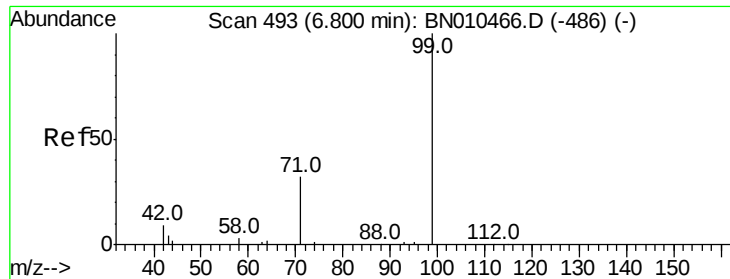


Abundance Ion 112.00 (111.70 to 112.70): BN010466.D (-294) (-)

Ion 64.00 (63.70 to 64.70): BN010466.D (-294) (-)

Ion 63.00 (62.70 to 63.70): BN010466.D (-294) (-)





#5

Phenol-d6

Concen: 0.343 ng

RT: 6.78 min Scan# 491

Delta R.T. -0.02 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

Instrument :

BNA_N

ClientSampleId :

PB128093BS

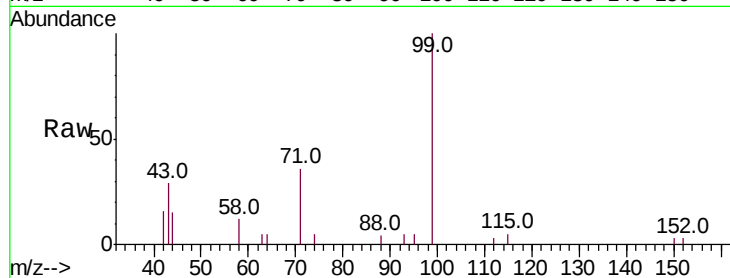
Tot Ion: 99 Resp: 3466

Ion Ratio Lower Upper

99 100

42 13.0 9.8 14.6

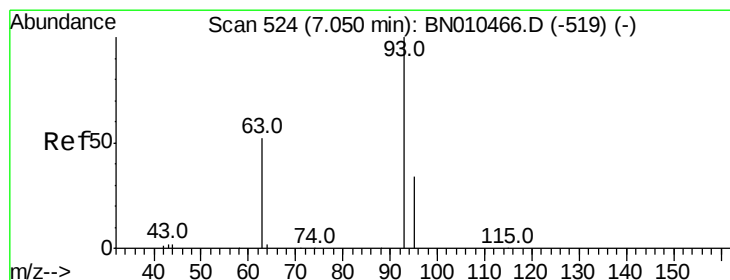
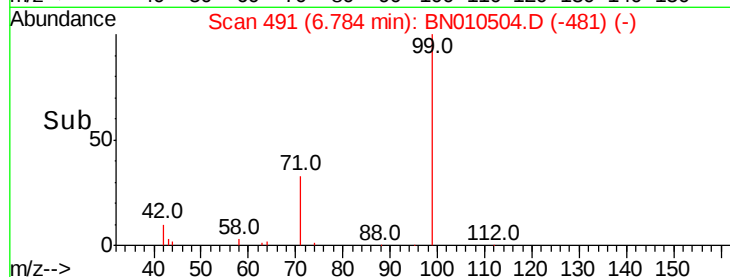
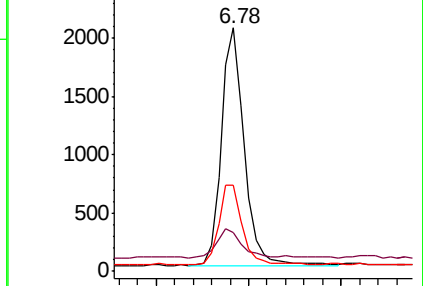
71 34.5 27.8 41.8



Abundance Ion 99.00 (98.70 to 99.70): BN010466.D (-486) (-)

Ion 42.00 (41.70 to 42.70): BN010466.D (-486) (-)

Ion 71.00 (70.70 to 71.70): BN010466.D (-486) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.473 ng

RT: 7.03 min Scan# 521

Delta R.T. -0.02 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

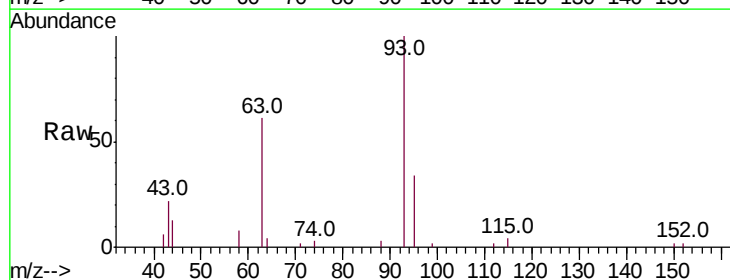
Tgt Ion: 93 Resp: 4137

Ion Ratio Lower Upper

93 100

63 56.4 44.6 66.8

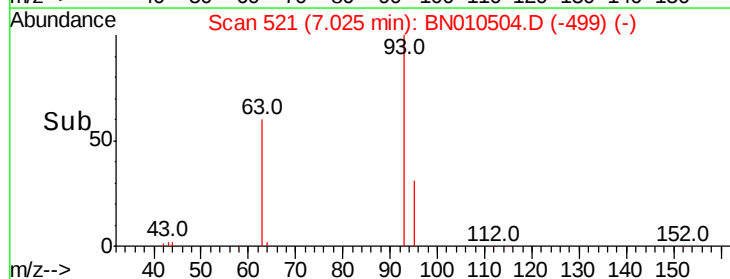
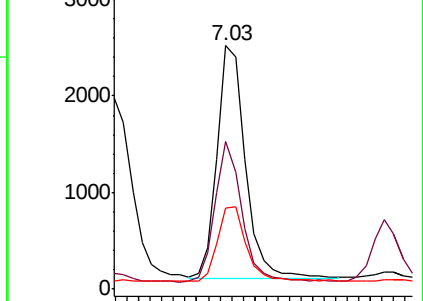
95 32.5 26.5 39.7

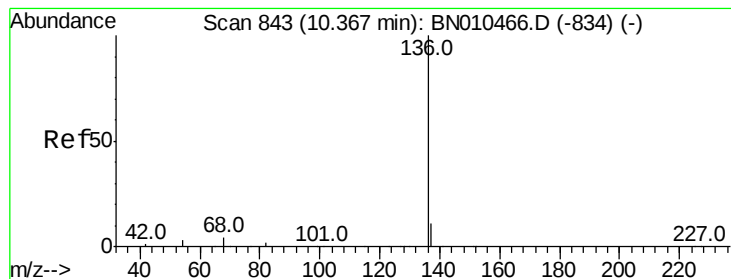


Abundance Ion 93.00 (92.70 to 93.70): BN010466.D (-519) (-)

Ion 63.00 (62.70 to 63.70): BN010466.D (-519) (-)

Ion 95.00 (94.70 to 95.70): BN010466.D (-519) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. -0.01 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

Instrument :

BNA_N

ClientSampleId :

PB128093BS

Tot Ion:136 Resp: 14398

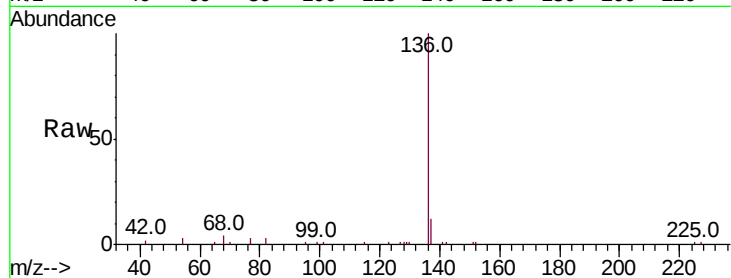
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 3.5 2.6 4.0

68 4.4 3.4 5.2

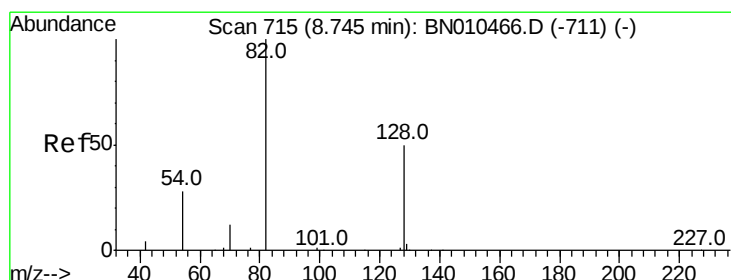
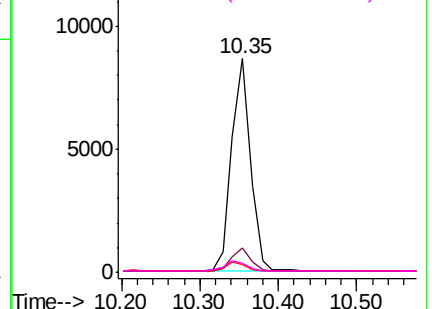
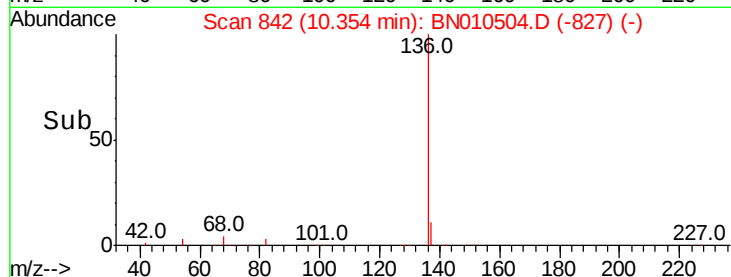


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.329 ng

RT: 8.72 min Scan# 713

Delta R.T. -0.03 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

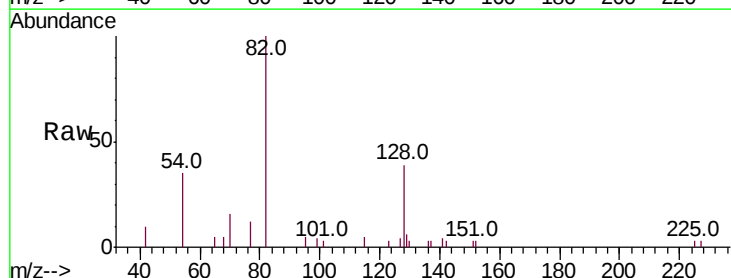
Tgt Ion: 82 Resp: 3307

Ion Ratio Lower Upper

82 100

128 38.5 41.3 61.9#

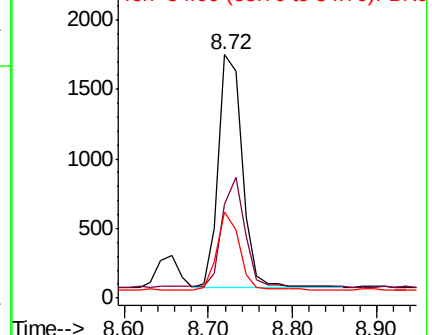
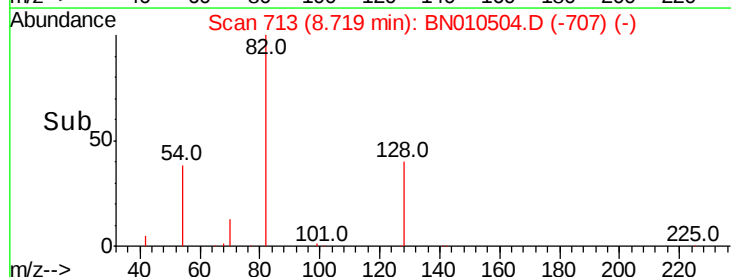
54 35.4 23.4 35.0#

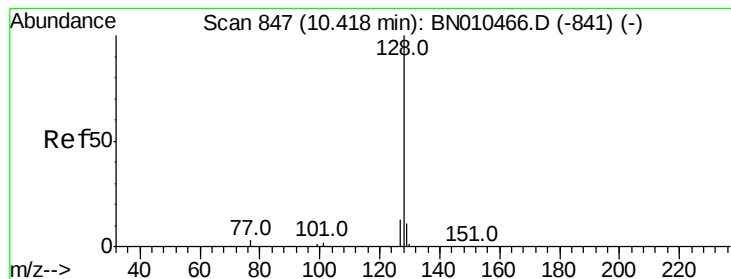


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.464 ng

RT: 10.41 min Scan# 846

Delta R.T. -0.01 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

Instrument :

BNA_N

ClientSampleId :

PB128093BS

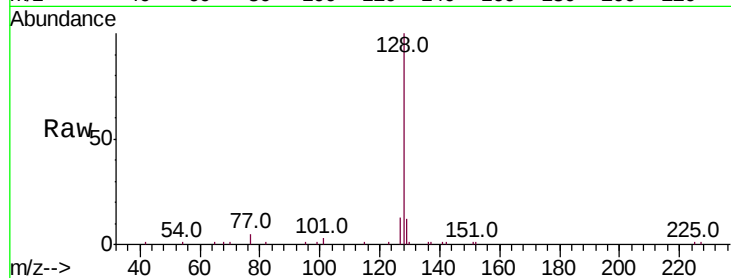
Tot Ion:128 Resp: 16606

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

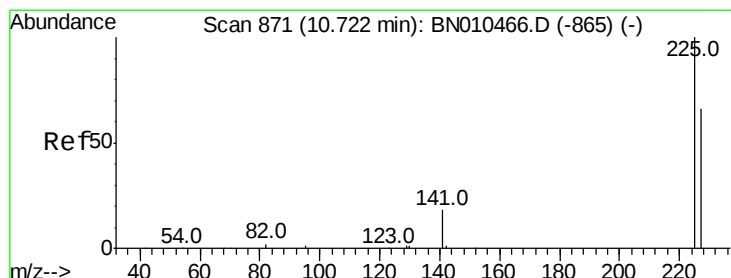
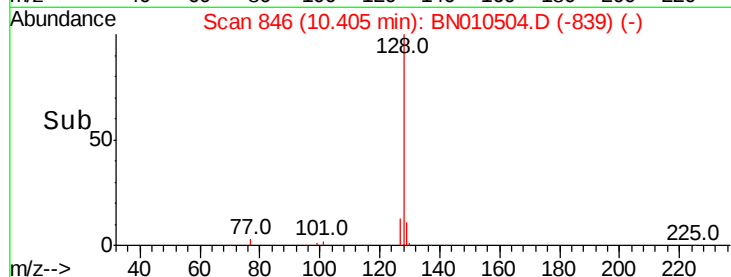
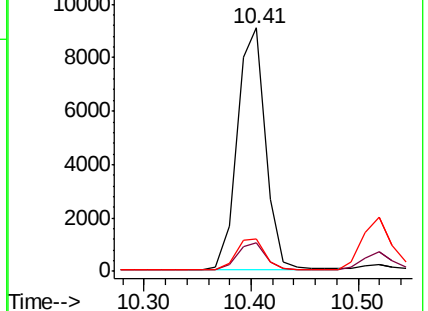
127 13.3 10.5 15.7



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: 0.421 ng

RT: 10.71 min Scan# 870

Delta R.T. -0.01 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

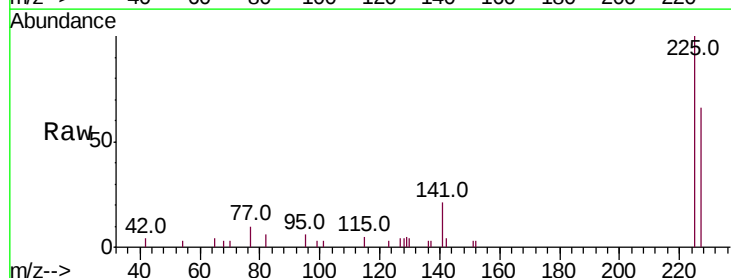
Tgt Ion:225 Resp: 3625

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

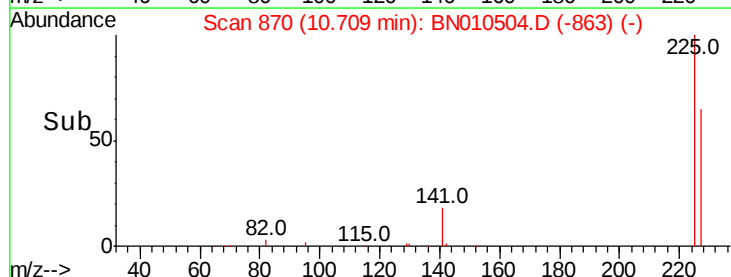
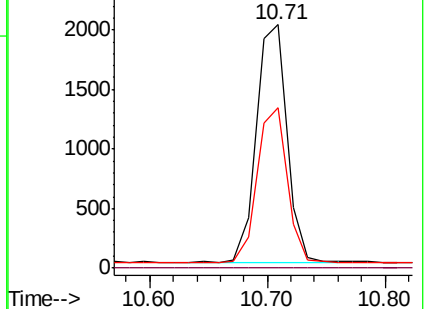
227 64.1 50.6 76.0

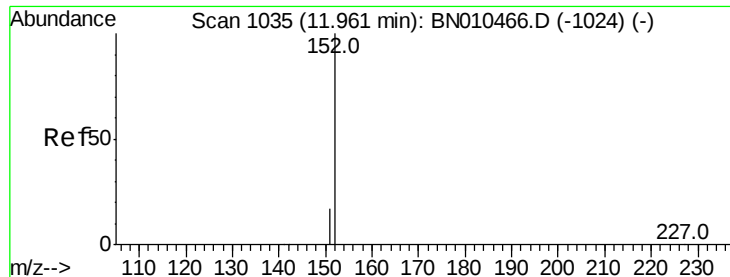


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

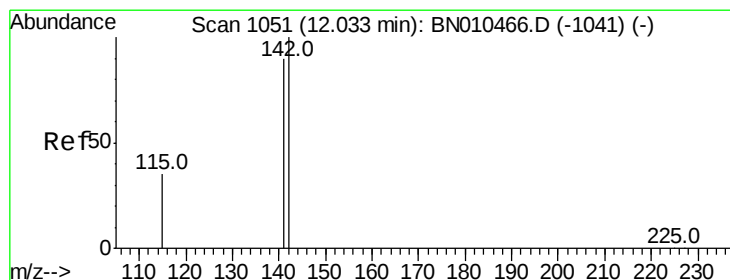
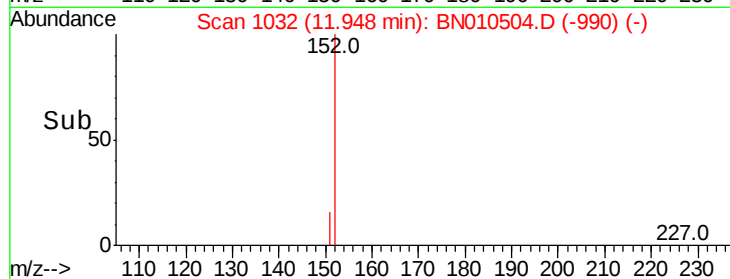
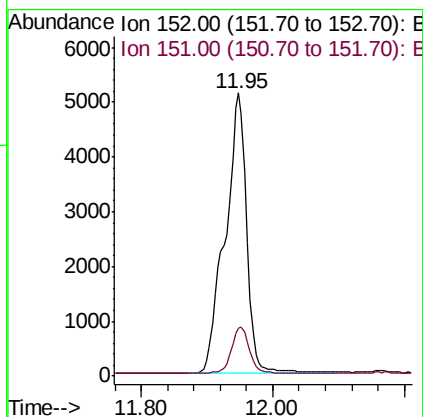
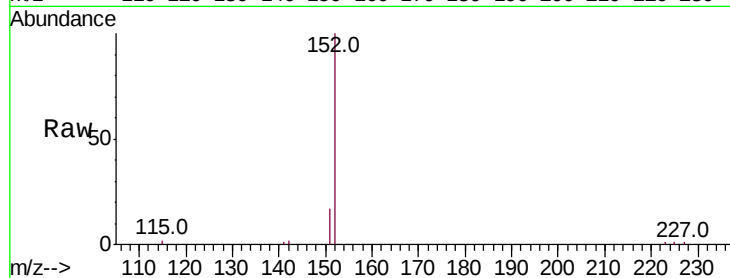




#11
2-Methylnaphthalene-d10
Concen: 0.487 ng
RT: 11.95 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BN010504.D
Acq: 15 Apr 2020 12:16

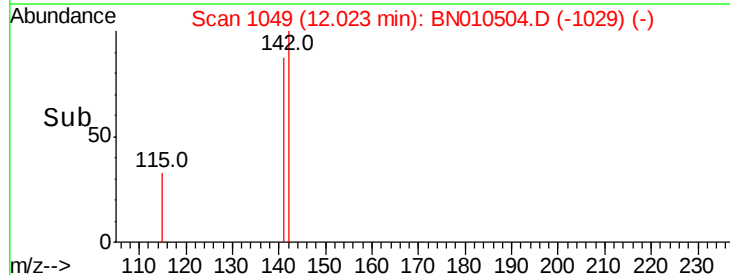
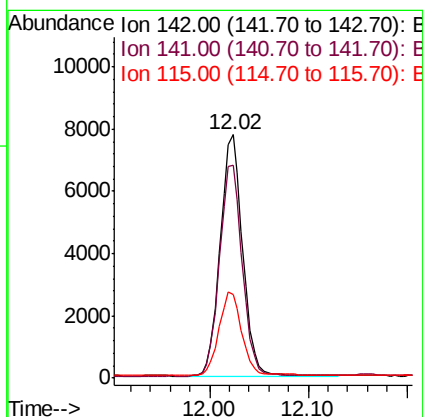
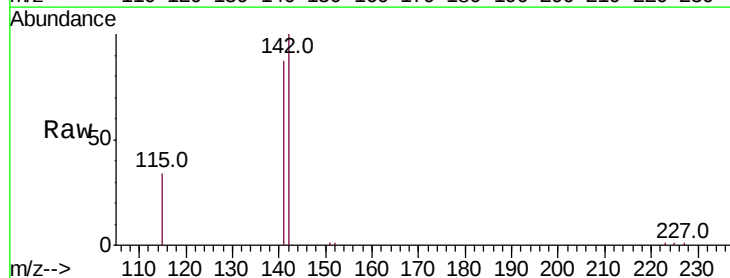
Instrument :
BNA_N
ClientSampleId :
PB128093BS

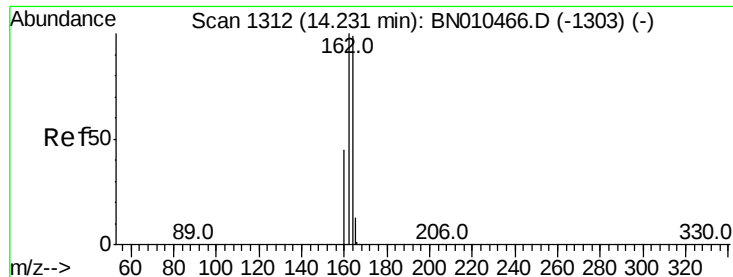
Tot Ion:152 Resp: 11522
Ion Ratio Lower Upper
152 100
151 13.5 15.3 22.9#



#12
2-Methylnaphthalene
Concen: 0.478 ng
RT: 12.02 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BN010504.D
Acq: 15 Apr 2020 12:16

Tgt Ion:142 Resp: 12270
Ion Ratio Lower Upper
142 100
141 87.2 71.9 107.9
115 34.5 28.8 43.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.22 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

Instrument :

BNA_N

ClientSampleId :

PB128093BS

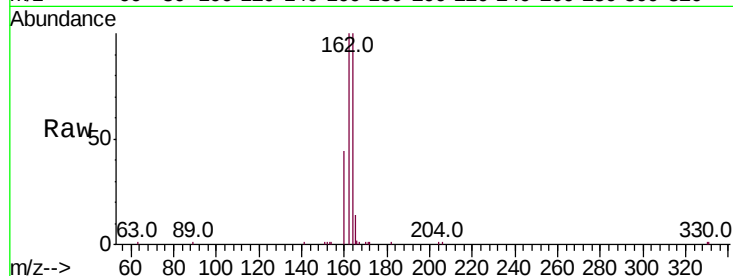
Tot Ion:164 Resp: 9583

Ion Ratio Lower Upper

164 100

162 100.0 80.6 121.0

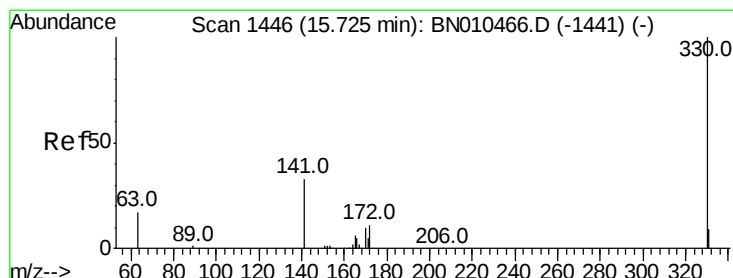
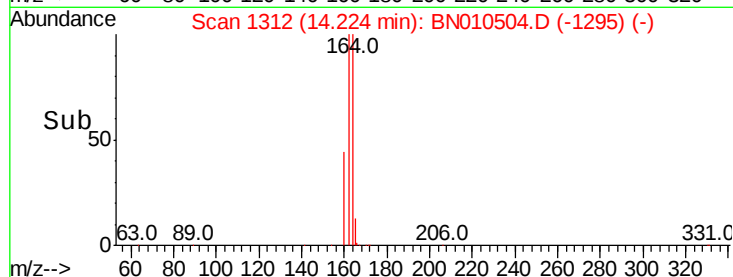
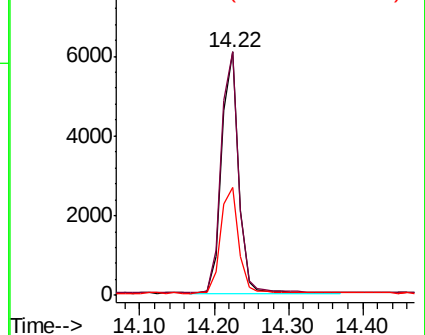
160 44.4 36.5 54.7



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: 0.291 ng

RT: 15.72 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

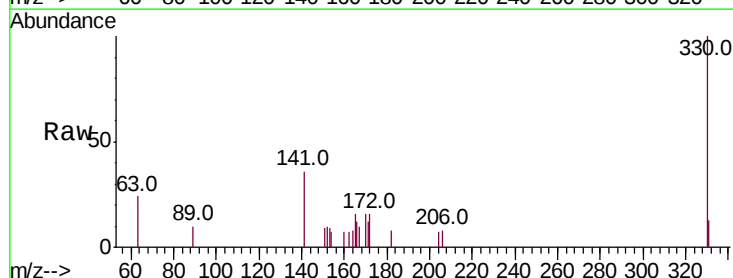
Tgt Ion:330 Resp: 1313

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

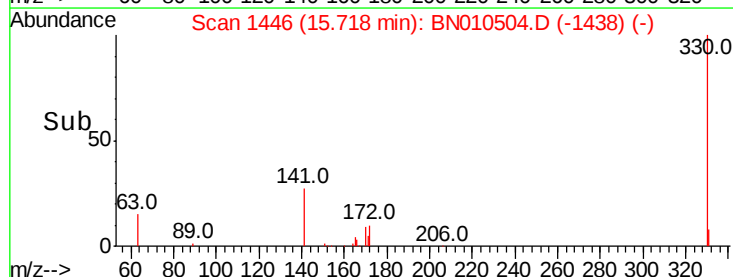
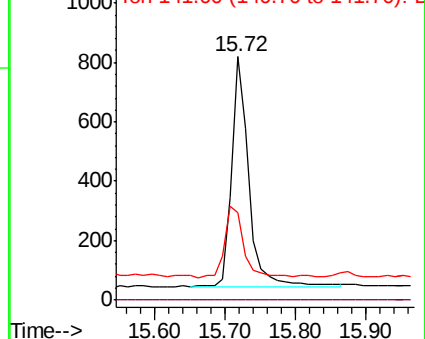
141 35.5 28.1 42.1

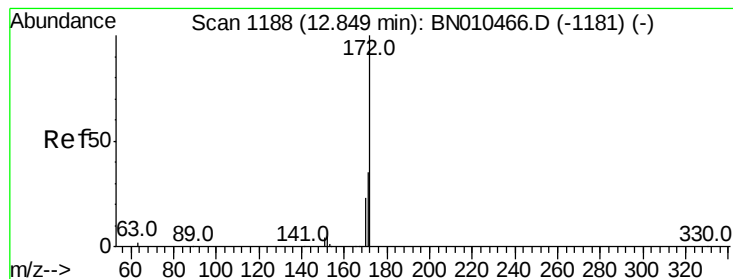


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.342 ng

RT: 12.84 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

Instrument :

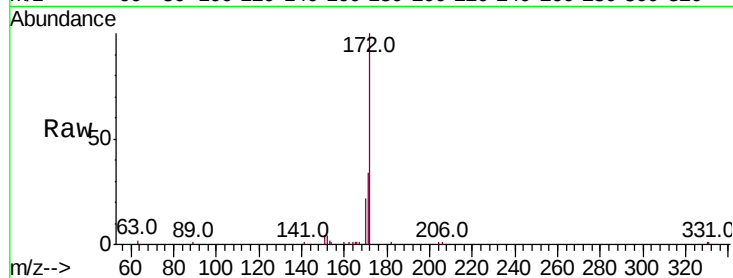
BNA_N

ClientSampleId :

PB128093BS

Tot Ion:172 Resp: 11926

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.2	42.2
170	22.2	18.4	27.6

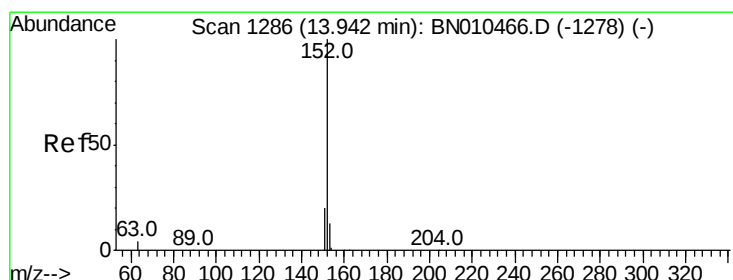
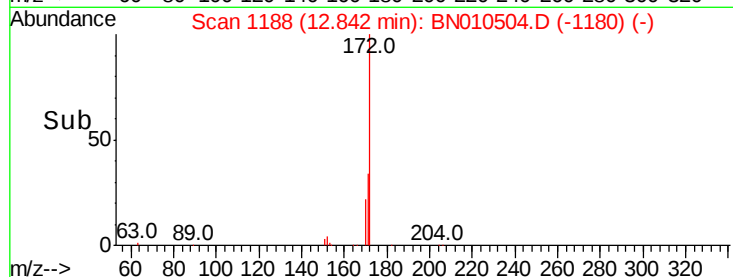
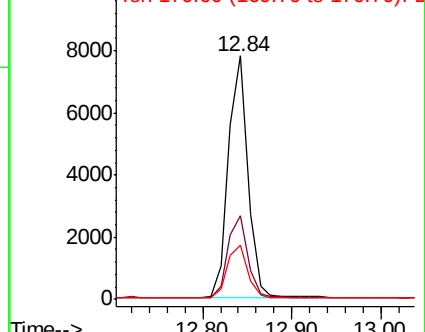


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.442 ng

RT: 13.93 min Scan# 1286

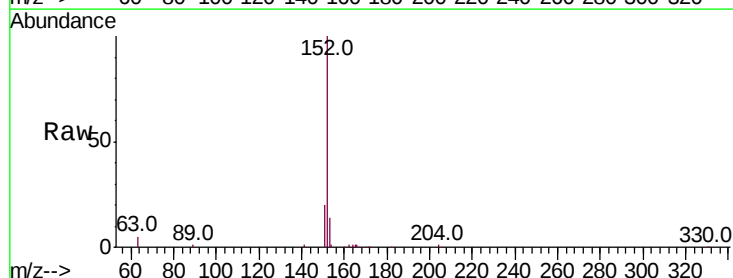
Delta R.T. -0.01 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

Tgt Ion:152 Resp: 18316

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.0	10.6	15.8

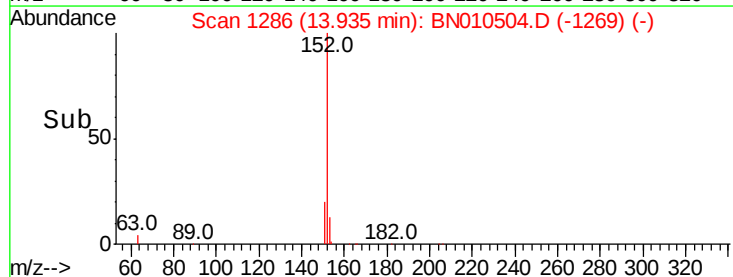
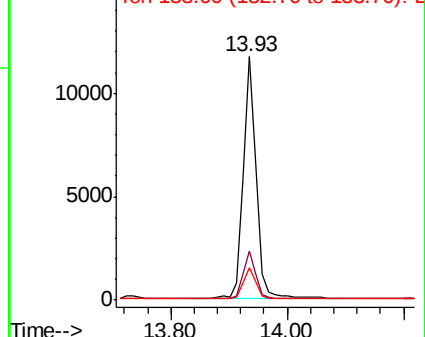


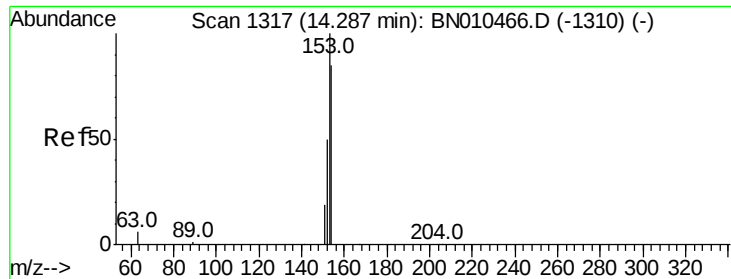
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.463 ng

RT: 14.28 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

Instrument :

BNA_N

ClientSampleId :

PB128093BS

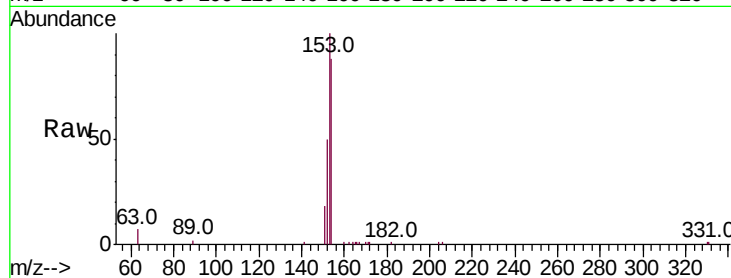
Tot Ion:154 Resp: 12324

Ion Ratio Lower Upper

154 100

153 110.2 91.0 136.4

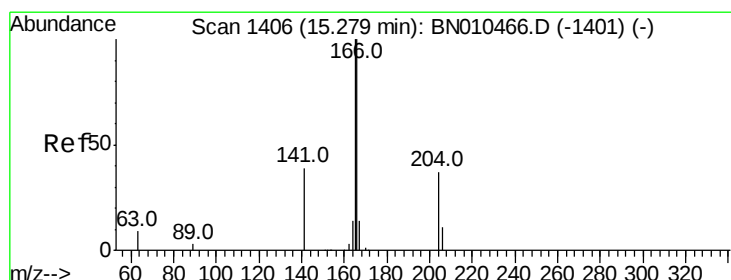
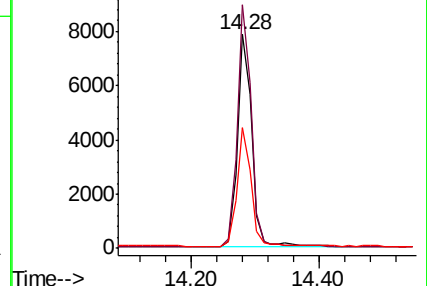
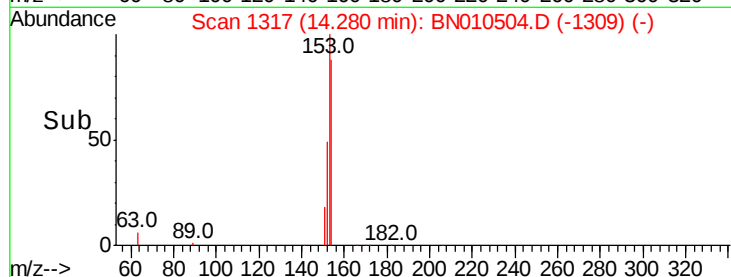
152 54.2 44.6 67.0



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: 0.464 ng

RT: 15.27 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

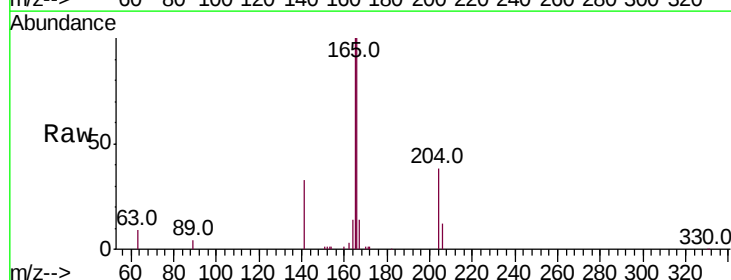
Tgt Ion:166 Resp: 16164

Ion Ratio Lower Upper

166 100

165 97.8 78.4 117.6

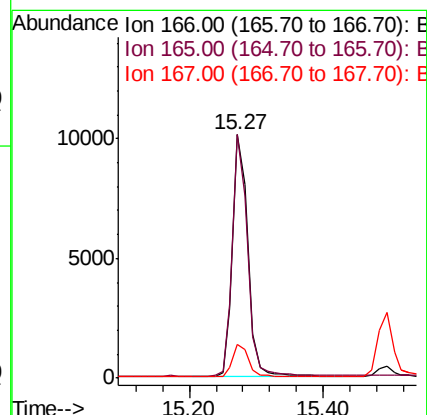
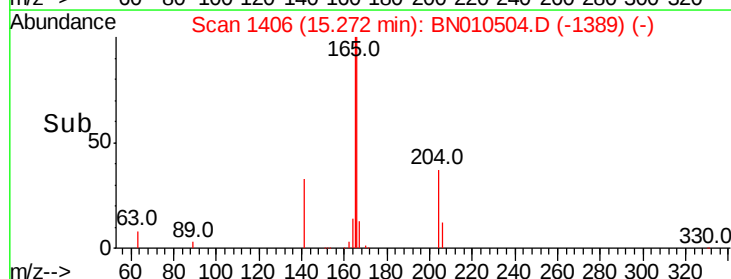
167 13.6 10.9 16.3

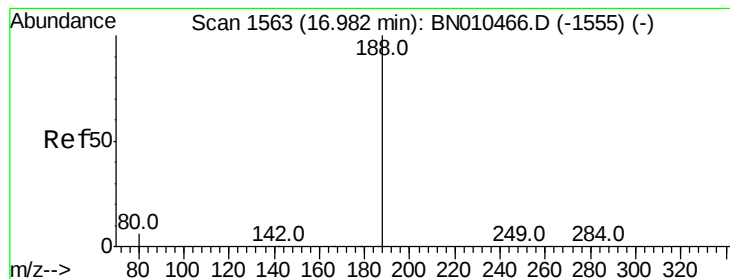


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.97 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

Instrument :

BNA_N

ClientSampleId :

PB128093BS

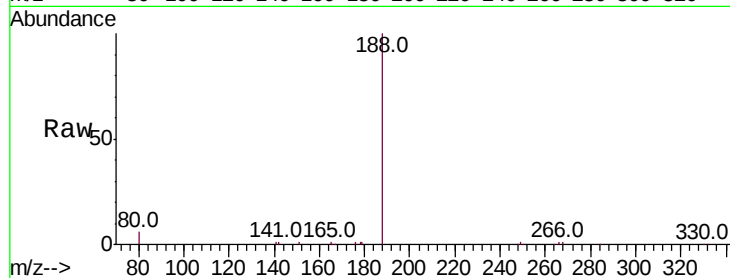
Tot Ion:188 Resp: 22562

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

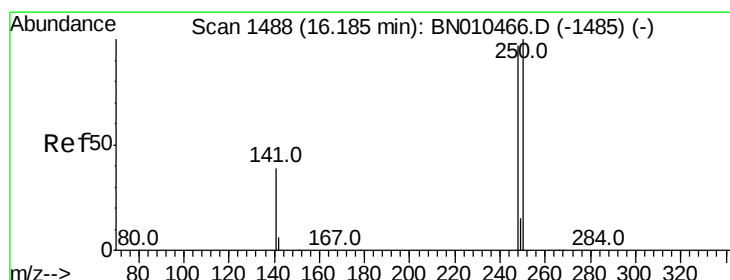
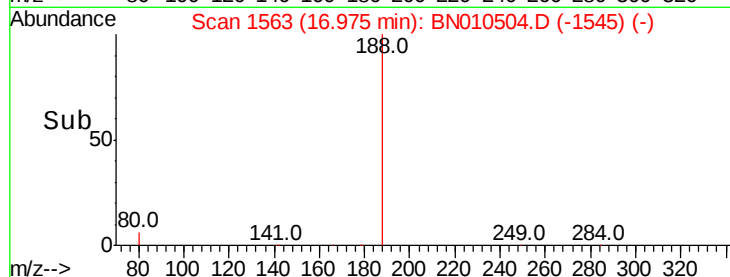
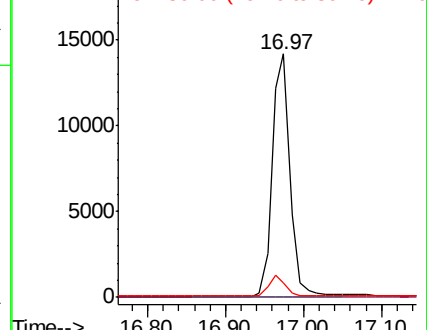
80 6.2 5.0 7.6



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-Bromophenyl-phenylether

Concen: 0.411 ng

RT: 16.17 min Scan# 1487

Delta R.T. -0.02 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

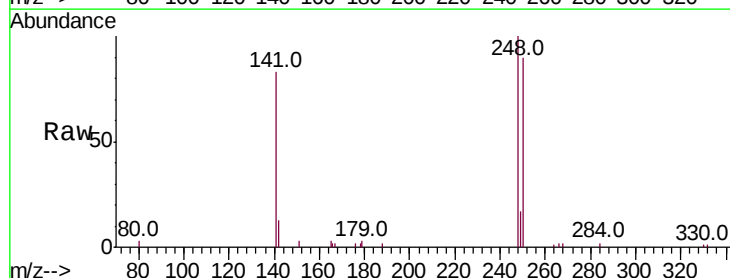
Tgt Ion:248 Resp: 5156

Ion Ratio Lower Upper

248 100

250 90.0 82.3 123.5

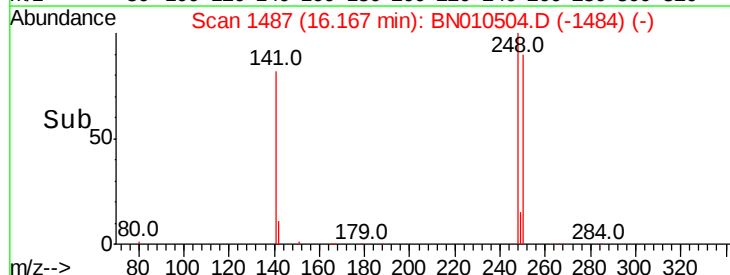
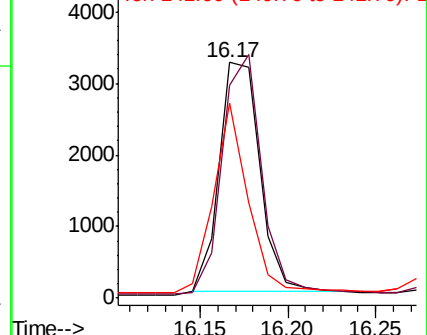
141 82.8 35.2 52.8#

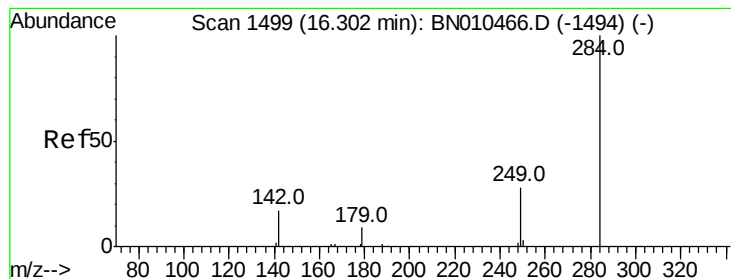


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.443 ng

RT: 16.28 min Scan# 1498

Delta R.T. -0.02 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

Instrument :

BNA_N

ClientSampleId :

PB128093BS

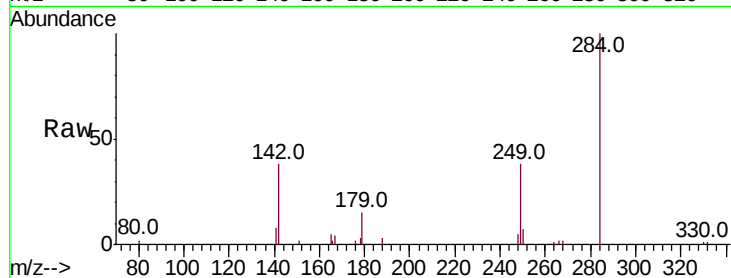
Tot Ion:284 Resp: 6342

Ion Ratio Lower Upper

284 100

142 32.0 25.5 38.3

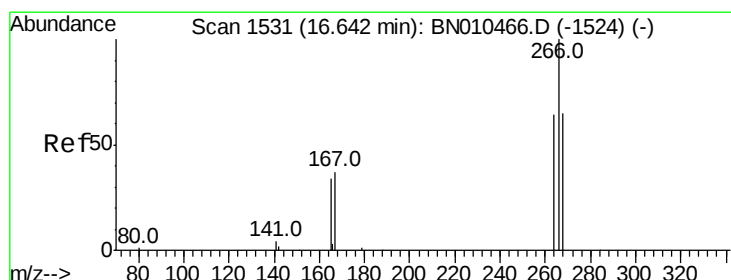
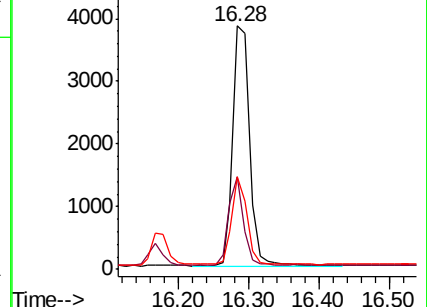
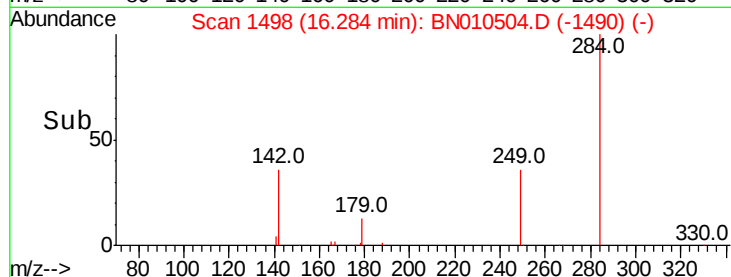
249 33.4 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.768 ng

RT: 16.63 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

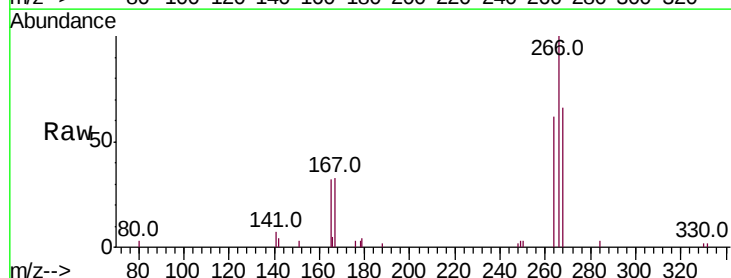
Tgt Ion:266 Resp: 4320

Ion Ratio Lower Upper

266 100

264 61.7 51.8 77.6

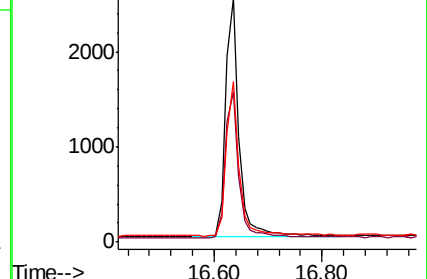
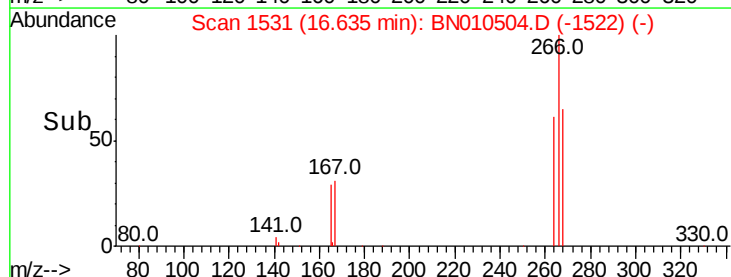
268 65.9 53.7 80.5

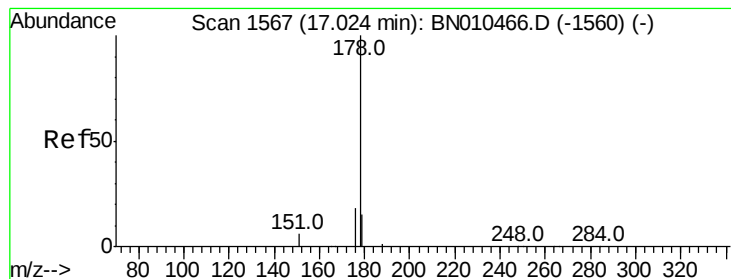


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.457 ng

RT: 17.01 min Scan# 1566

Delta R.T. -0.02 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

Instrument :

BNA_N

ClientSampleId :

PB128093BS

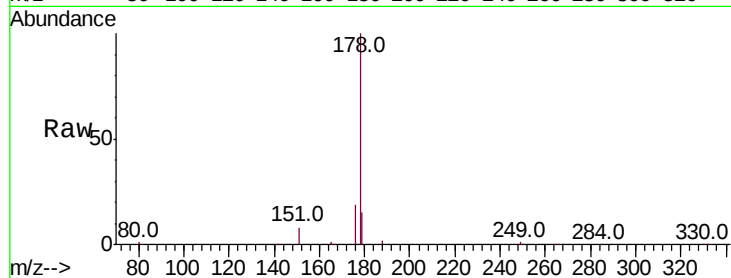
Tot Ion:178 Resp: 27871

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

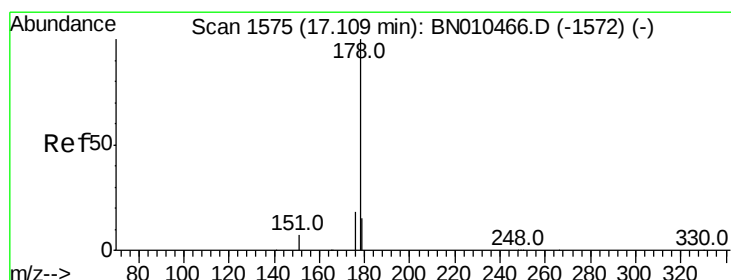
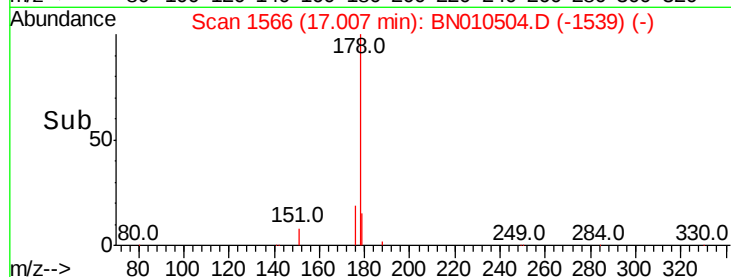
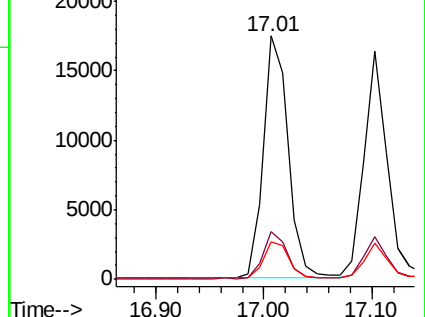
179 15.3 12.6 18.8



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



#24

Anthracene

Concen: 0.443 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

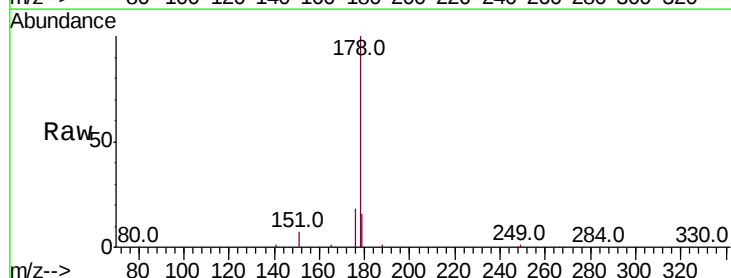
Tgt Ion:178 Resp: 24693

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

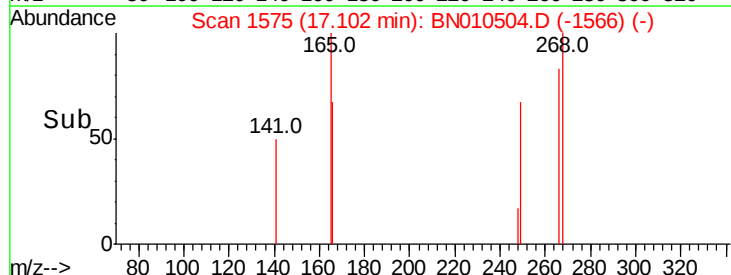
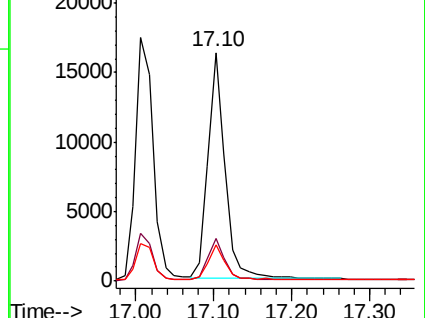
179 15.0 12.2 18.2

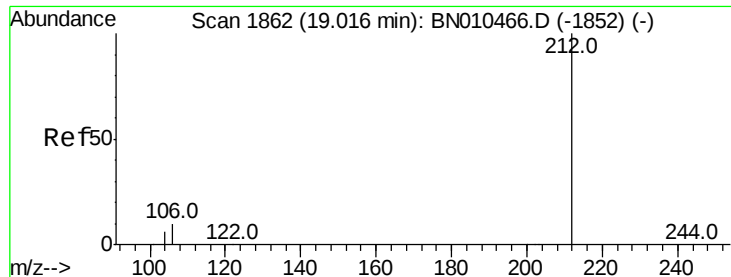


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.316 ng

RT: 19.01 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

Instrument :

BNA_N

ClientSampleId :

PB128093BS

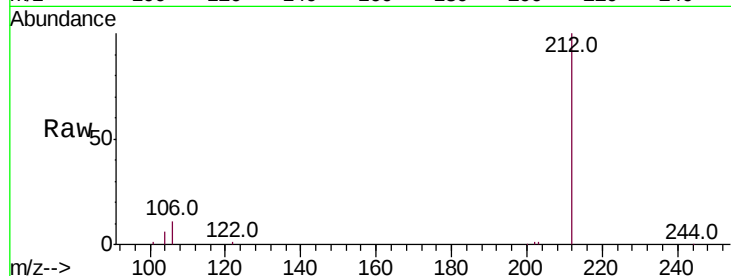
Tot Ion:212 Resp: 21649

Ion Ratio Lower Upper

212 100

106 10.1 7.8 11.6

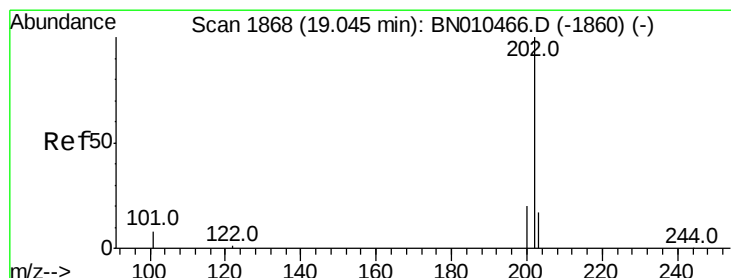
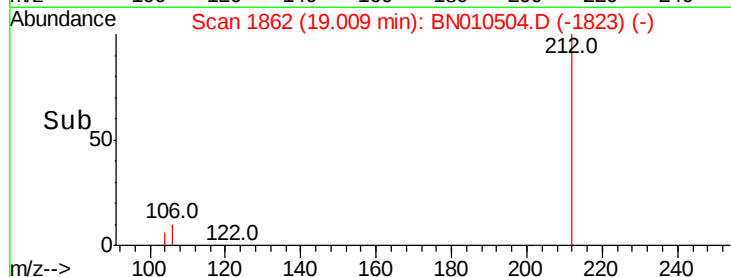
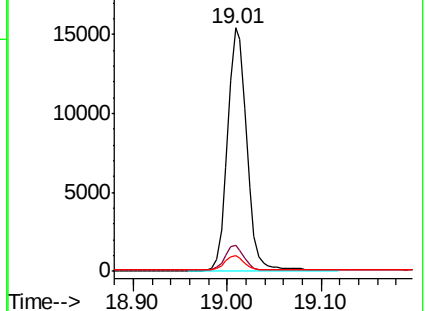
104 5.8 4.5 6.7



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



#26

Fluoranthene

Concen: 0.457 ng

RT: 19.04 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

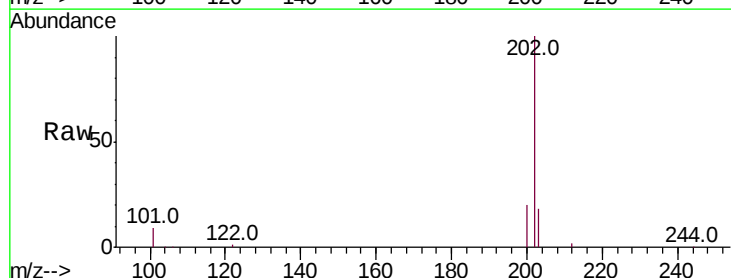
Tgt Ion:202 Resp: 34685

Ion Ratio Lower Upper

202 100

101 8.5 6.9 10.3

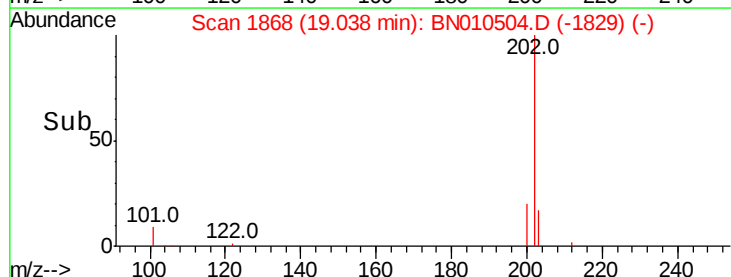
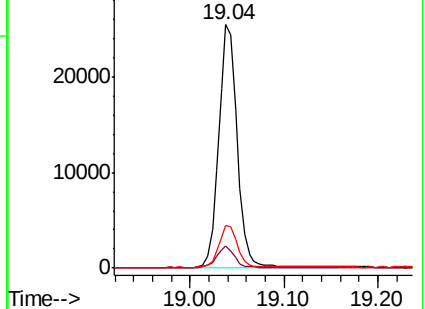
203 17.3 13.9 20.9

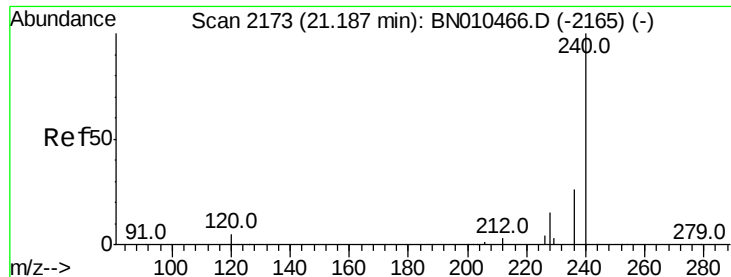


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.17 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

Instrument :

BNA_N

ClientSampleId :

PB128093BS

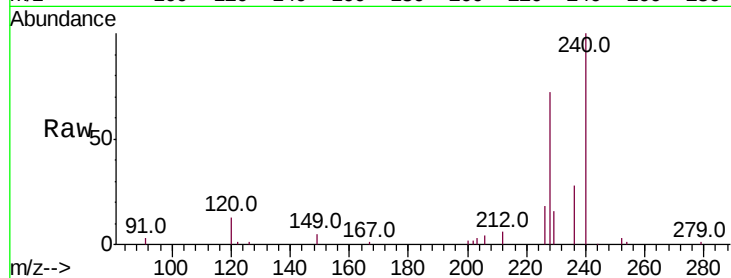
Tot Ion:240 Resp: 22712

Ion Ratio Lower Upper

240 100

120 12.9 4.8 7.2#

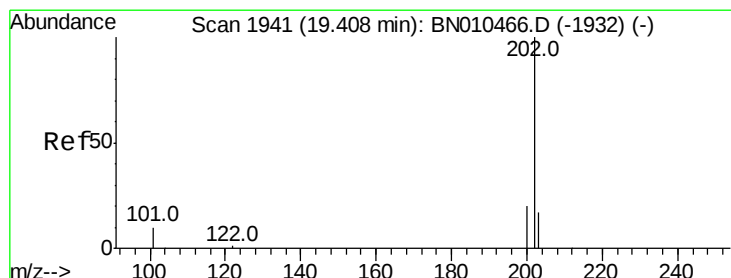
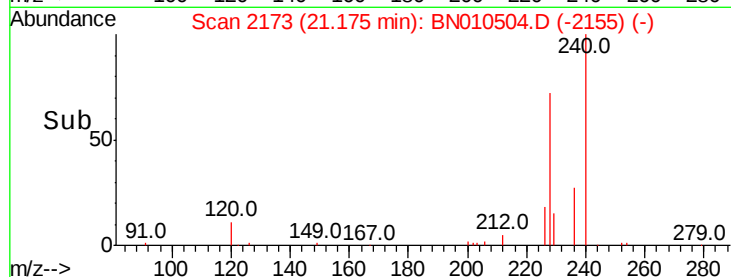
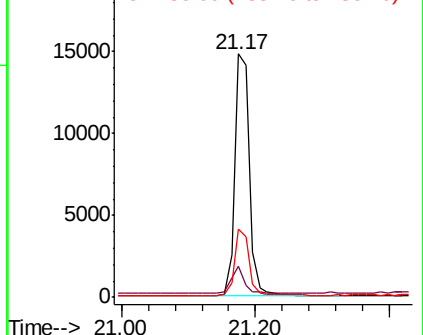
236 27.8 21.4 32.0



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



#28

Pyrene

Concen: 0.459 ng

RT: 19.41 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

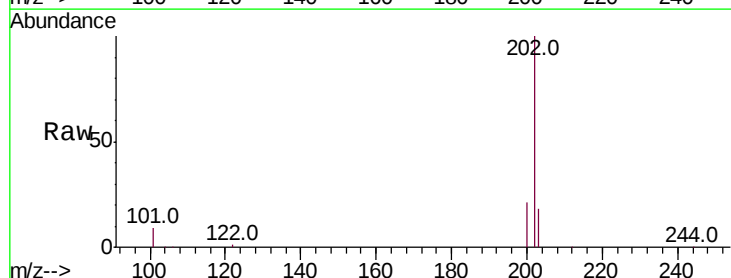
Tgt Ion:202 Resp: 35074

Ion Ratio Lower Upper

202 100

200 20.5 16.3 24.5

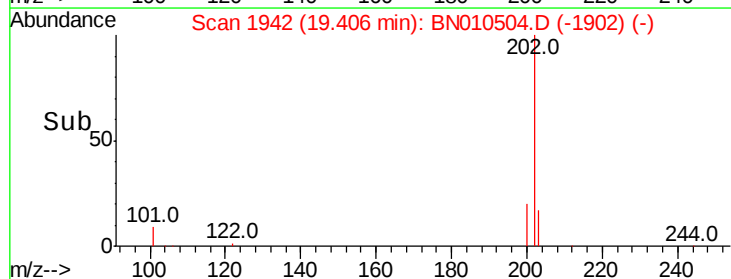
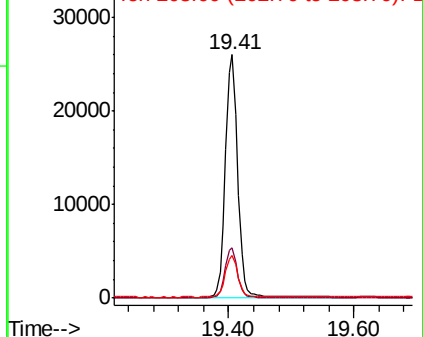
203 17.9 14.0 21.0

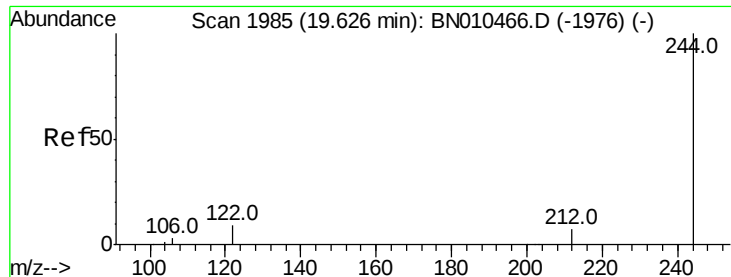


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.338 ng

RT: 19.62 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

Instrument :

BNA_N

ClientSampleId :

PB128093BS

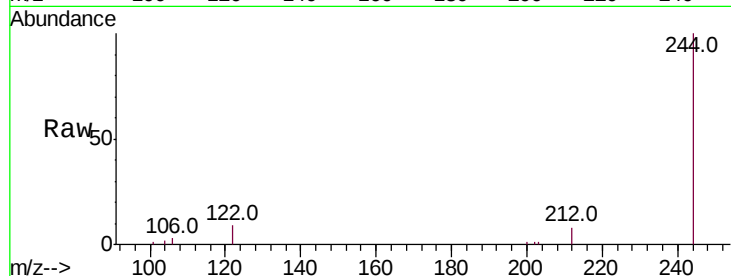
Tot Ion:244 Resp: 17584

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.4

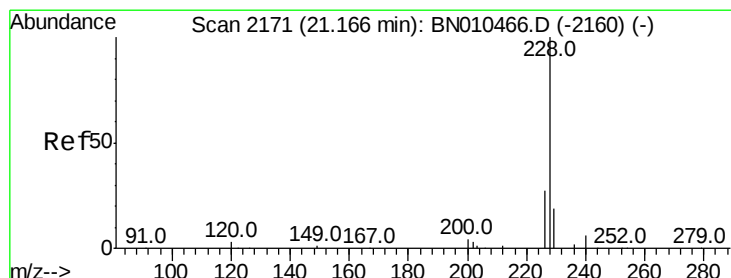
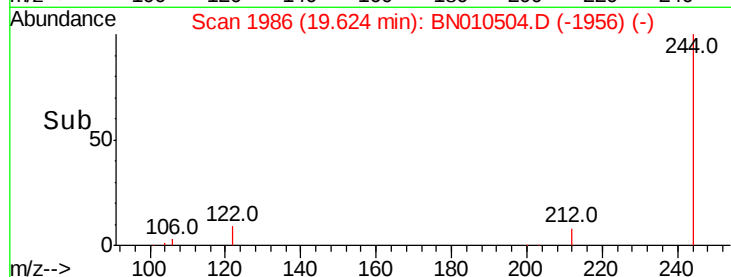
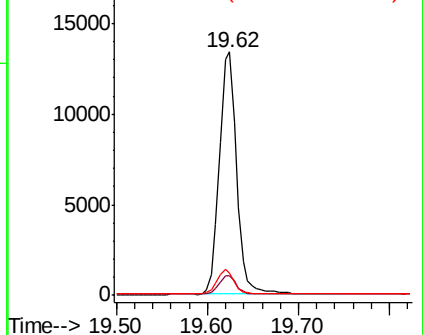
122 9.1 7.8 11.8



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



#30

Benzo(a)anthracene

Concen: 0.429 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

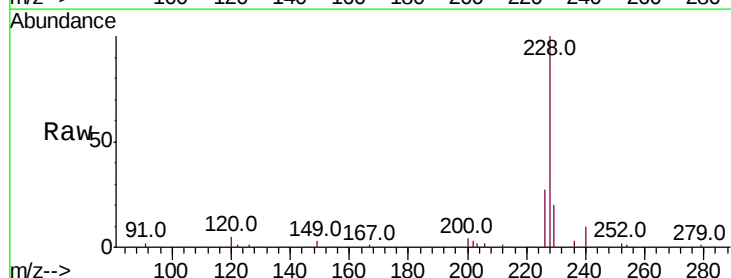
Tgt Ion:228 Resp: 31815

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

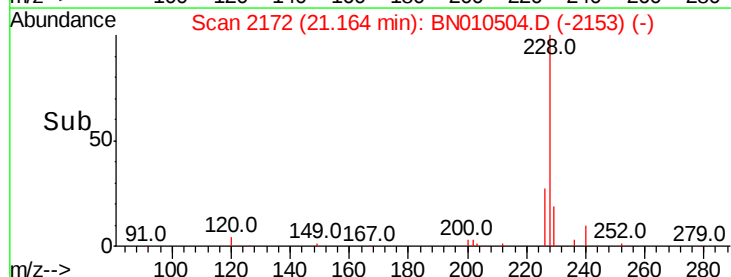
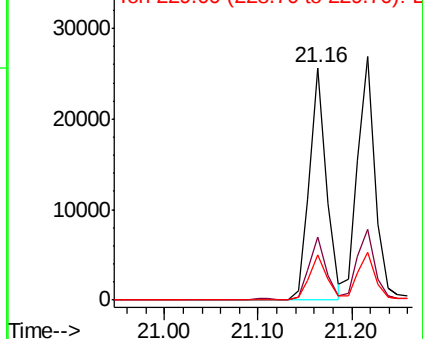
229 19.6 15.6 23.4

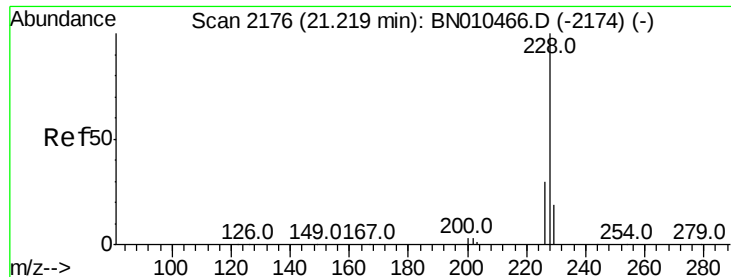


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.474 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

Instrument :

BNA_N

ClientSampleId :

PB128093BS

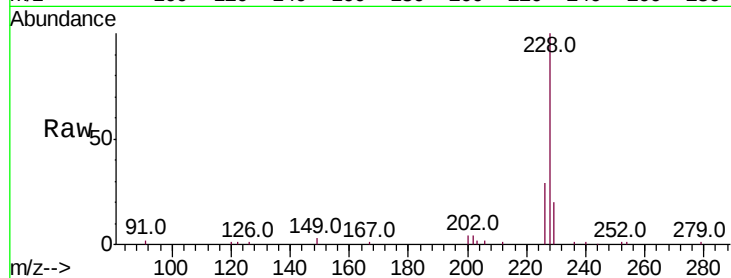
Tot Ion:228 Resp: 34964

Ion Ratio Lower Upper

228 100

226 28.9 24.0 36.0

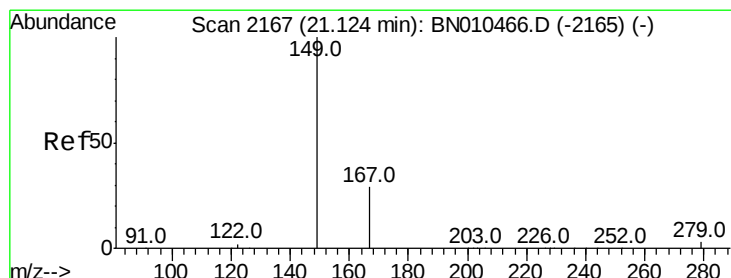
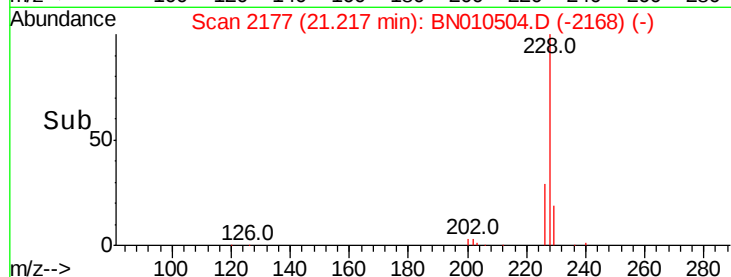
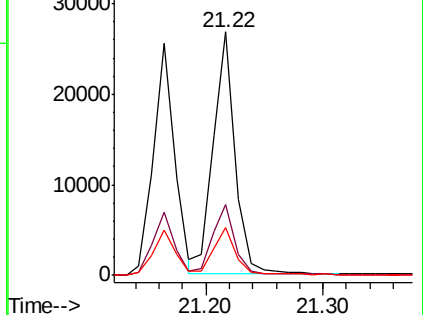
229 19.6 15.8 23.6



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.350 ng

RT: 21.12 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

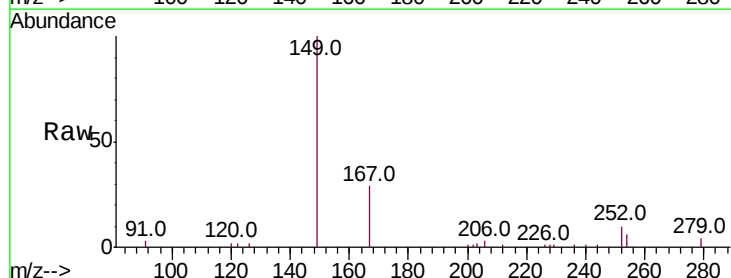
Tgt Ion:149 Resp: 13318

Ion Ratio Lower Upper

149 100

167 28.5 23.4 35.0

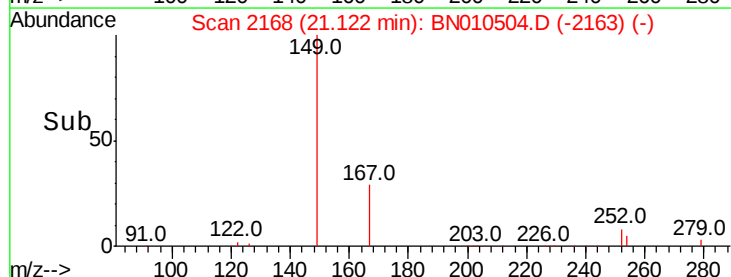
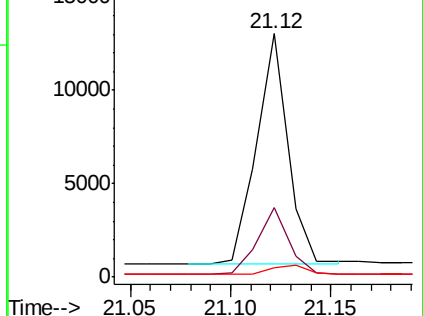
279 4.9 4.0 6.0

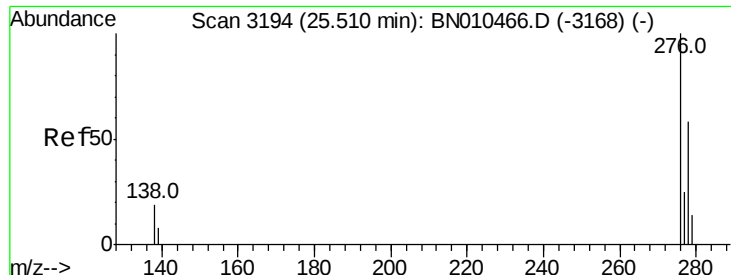


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.471 ng

RT: 25.50 min Scan# 3192

Delta R.T. -0.01 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

Instrument :

BNA_N

ClientSampleId :

PB128093BS

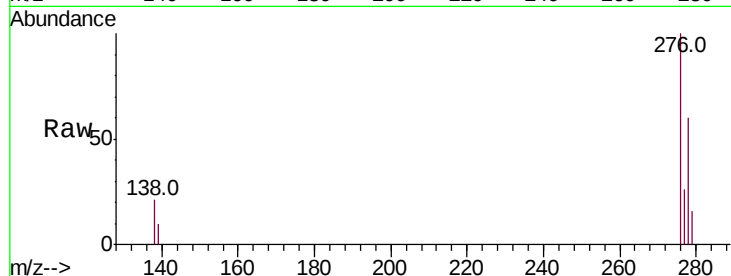
Tot Ion:276 Resp: 30751

Ion Ratio Lower Upper

276 100

138 20.8 16.4 24.6

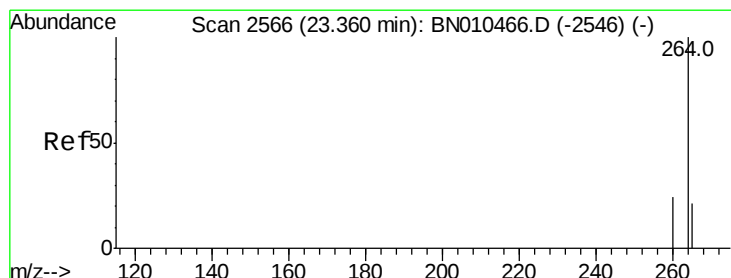
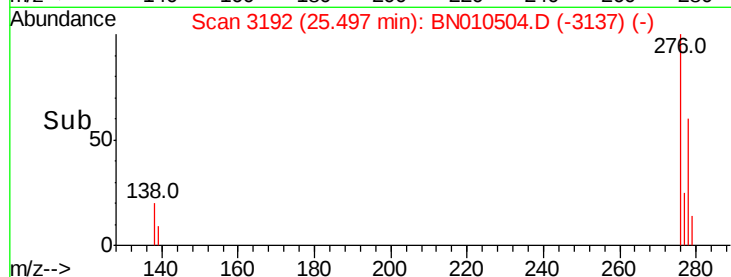
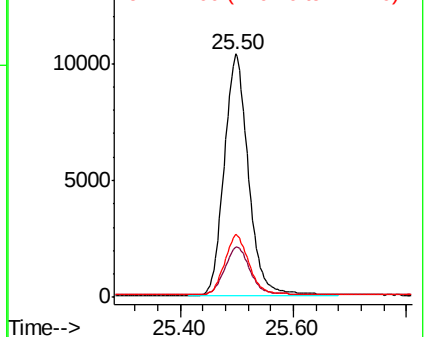
277 25.0 19.8 29.6



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.35 min Scan# 2566

Delta R.T. -0.01 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

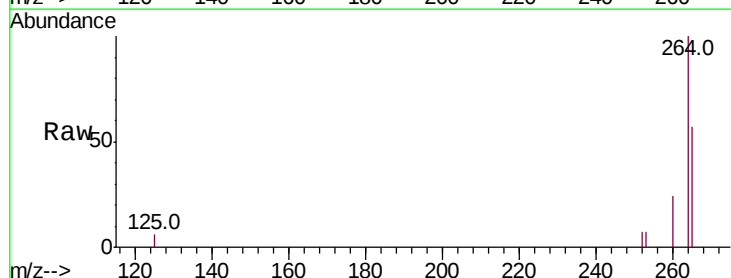
Tgt Ion:264 Resp: 19422

Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.8

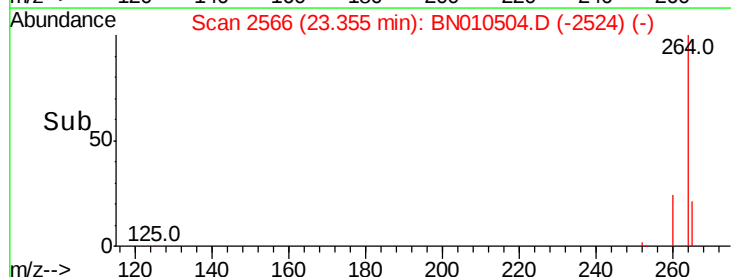
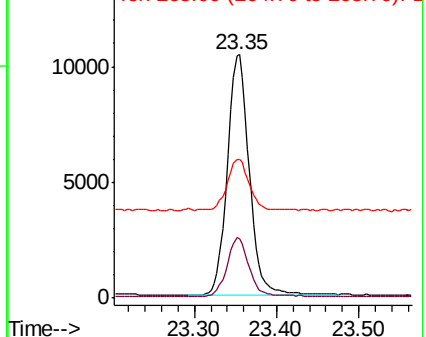
265 57.1 42.3 63.5

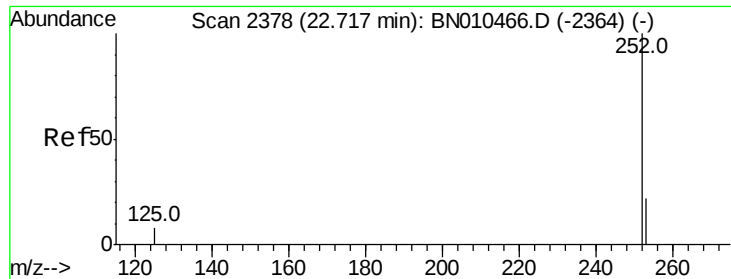


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

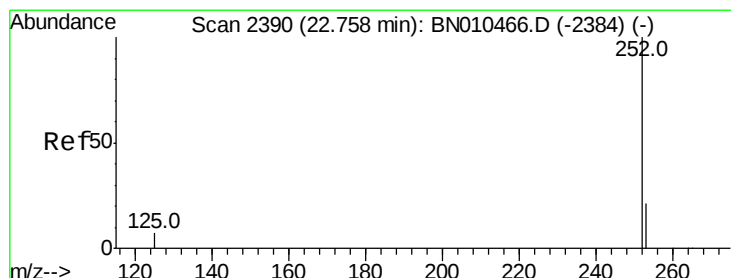
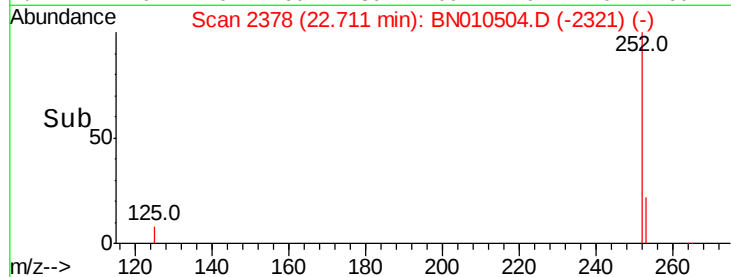
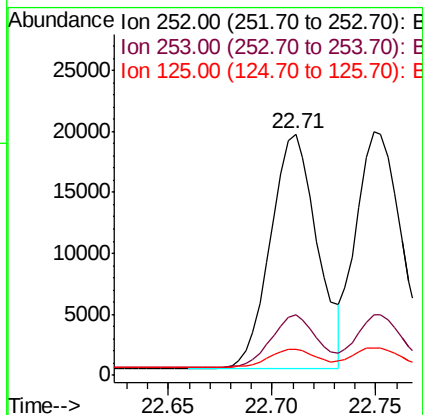
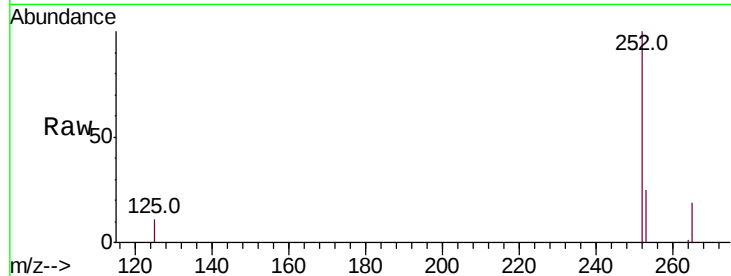




#35
Benzo(b)fluoranthene
Concen: 0.472 ng
RT: 22.71 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BN010504.D
Acq: 15 Apr 2020 12:16

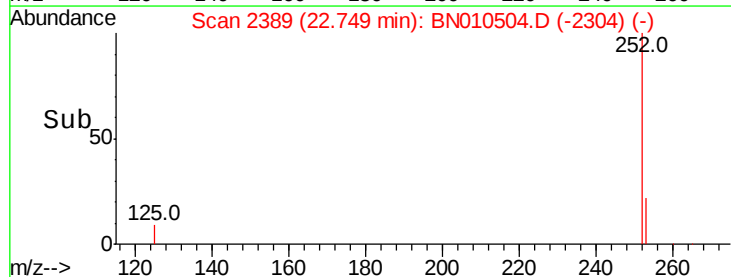
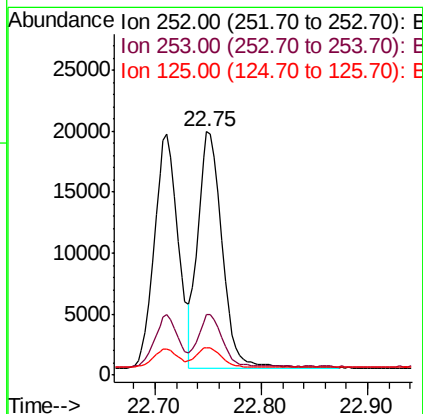
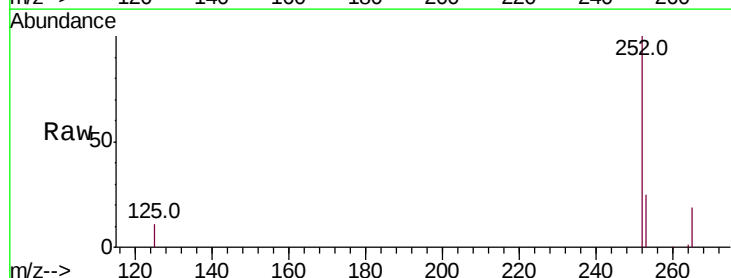
Instrument :
BNA_N
ClientSampleId :
PB128093BS

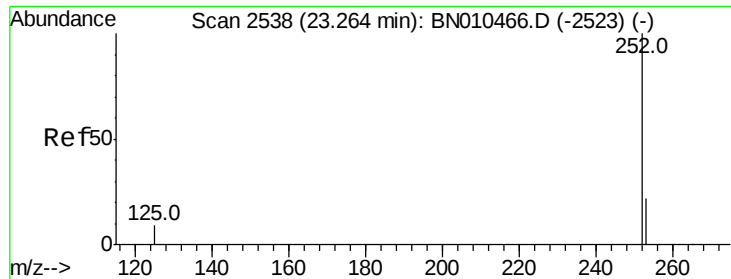
Tot Ion:252 Resp: 30159
Ion Ratio Lower Upper
252 100
253 24.9 20.2 30.4
125 10.9 9.2 13.8



#36
Benzo(k)fluoranthene
Concen: 0.478 ng
RT: 22.75 min Scan# 2389
Delta R.T. -0.01 min
Lab File: BN010504.D
Acq: 15 Apr 2020 12:16

Tgt Ion:252 Resp: 30608
Ion Ratio Lower Upper
252 100
253 24.7 20.1 30.1
125 11.4 9.6 14.4





#37

Benzo(a)pyrene

Concen: 0.478 ng

RT: 23.26 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

Instrument :

BNA_N

ClientSampleId :

PB128093BS

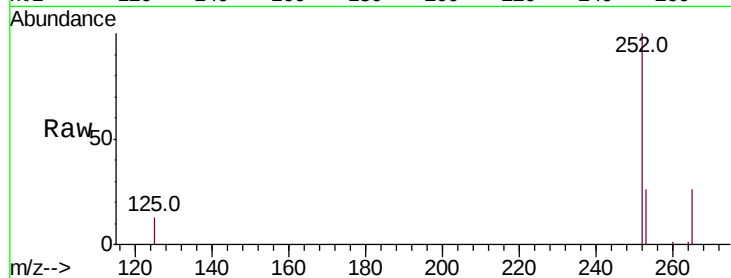
Tot Ion:252 Resp: 27031

Ion Ratio Lower Upper

252 100

253 25.7 21.8 32.8

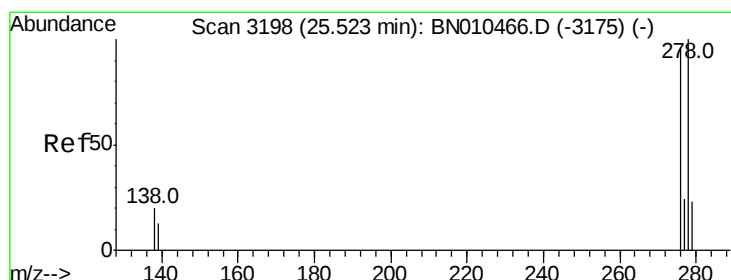
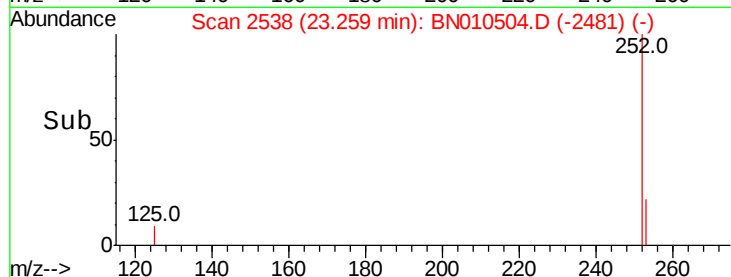
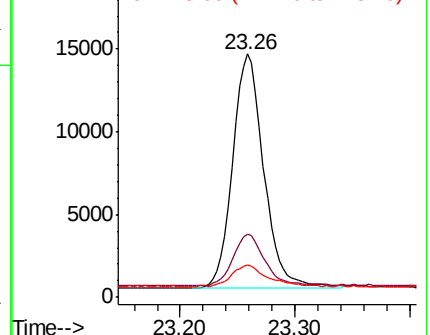
125 13.2 11.0 16.6



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

Dibenzo(a,h)anthracene

Concen: 0.488 ng

RT: 25.51 min Scan# 3197

Delta R.T. -0.01 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

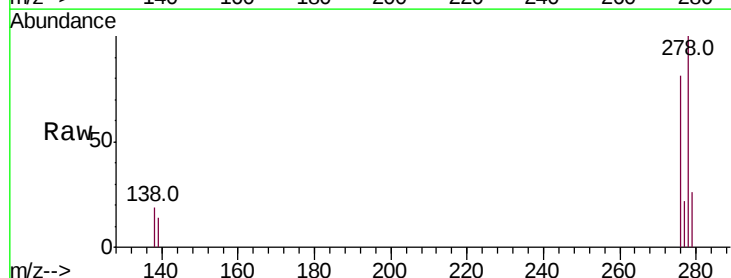
Tgt Ion:278 Resp: 25272

Ion Ratio Lower Upper

278 100

139 14.5 12.3 18.5

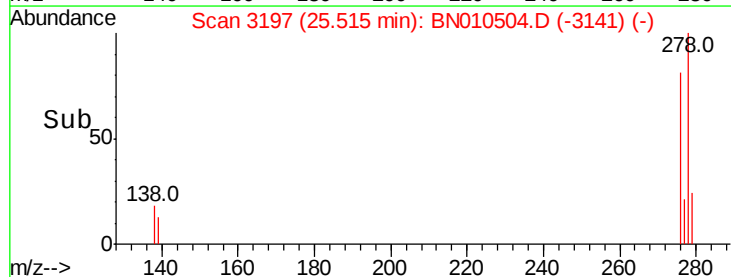
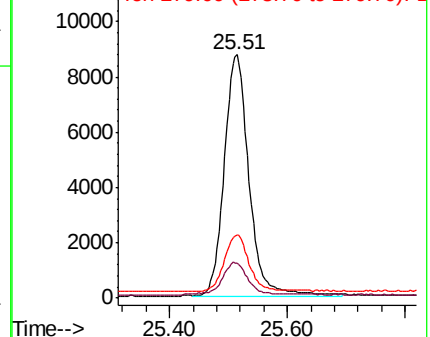
279 26.1 21.9 32.9

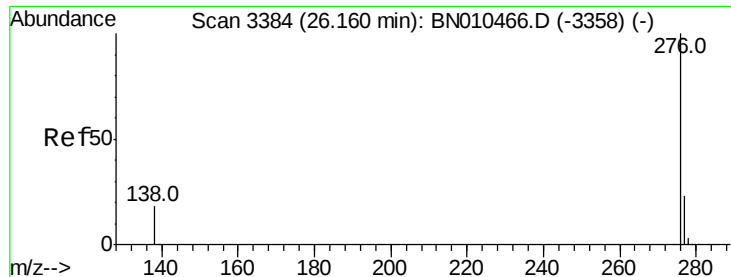


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.500 ng

RT: 26.14 min Scan# 3381

Delta R.T. -0.02 min

Lab File: BN010504.D

Acq: 15 Apr 2020 12:16

Instrument :

BNA_N

ClientSampleId :

PB128093BS

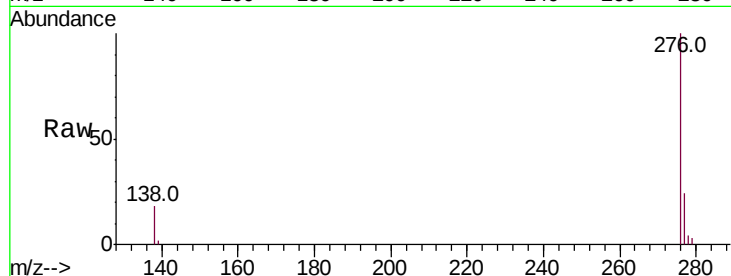
Tot Ion:276 Resp: 26062

Ion Ratio Lower Upper

276 100

277 24.4 20.2 30.2

138 18.4 15.4 23.2



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

