

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041420\
 Data File : BN010501.D
 Acq On : 15 Apr 2020 05:18
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

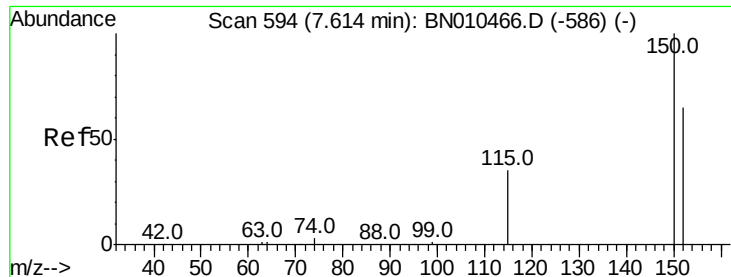
Quant Time: Apr 15 05:54:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 18:04:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3709	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	15503	0.40	ng	-0.01
13) Acenaphthene-d10	14.22	164	10017	0.40	ng	0.00
19) Phenanthrene-d10	16.97	188	22599	0.40	ng	0.00
27) Chrysene-d12	21.17	240	26318	0.40	ng	-0.01
34) Perylene-d12	23.34	264	23440	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3356	0.41	ng	0.00
5) Phenol-d6	6.79	99	4727	0.45	ng	0.00
8) Nitrobenzene-d5	8.73	82	4686	0.43	ng	-0.01
11) 2-Methylnaphthalene-d10	11.96	152	10540	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	1975	0.42	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	16458	0.45	ng	0.00
25) Fluoranthene-d10	19.01	212	29664	0.43	ng	0.00
29) Terphenyl-d14	19.62	244	27048	0.45	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	1144	0.419	ng	# 93
3) n-Nitrosodimethylamine	3.55	42	804	0.454	ng	# 85
6) bis(2-Chloroethyl)ether	7.04	93	4101	0.446	ng	99
9) Naphthalene	10.41	128	16848	0.438	ng	99
10) Hexachlorobutadiene	10.71	225	3808	0.410	ng	# 98
12) 2-Methylnaphthalene	12.03	142	12288	0.444	ng	100
16) Acenaphthylene	13.93	152	18612	0.430	ng	99
17) Acenaphthene	14.29	154	12207	0.439	ng	97
18) Fluorene	15.28	166	15835	0.435	ng	100
20) 4-Bromophenyl-phenylether	16.18	248	5191	0.413	ng	98
21) Hexachlorobenzene	16.29	284	6272	0.438	ng	100
22) Pentachlorophenol	16.63	266	2420	0.429	ng	98
23) Phenanthrene	17.02	178	27113	0.444	ng	100
24) Anthracene	17.10	178	24852	0.445	ng	100
26) Fluoranthene	19.04	202	35470	0.467	ng	100
28) Pyrene	19.40	202	36585	0.413	ng	100
30) Benzo(a)anthracene	21.15	228	35356	0.412	ng	99
31) Chrysene	21.21	228	36499	0.427	ng	99
32) Bis(2-ethylhexyl)phthalate	21.11	149	15628	0.355	ng	100
33) Indeno(1,2,3-cd)pyrene	25.49	276	32950	0.436	ng	99
35) Benzo(b)fluoranthene	22.70	252	32801	0.425	ng	99
36) Benzo(k)fluoranthene	22.75	252	32748	0.423	ng	99
37) Benzo(a)pyrene	23.25	252	29733	0.435	ng	97
38) Dibenzo(a,h)anthracene	25.50	278	27258	0.436	ng	97
39) Benzo(g,h,i)perylene	26.14	276	27853	0.443	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.61 min Scan# 593

Delta R.T. -0.01 min

Lab File: BN010501.D

Acq: 15 Apr 2020 05:18

Instrument :

BNA_N

ClientSampleId :

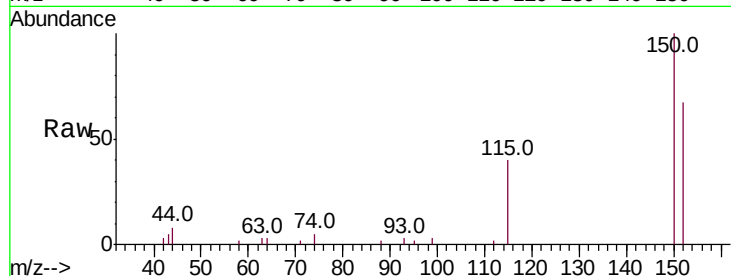
Tot Ion:152 Resp: 3709

Ion Ratio Lower Upper

152 100

150 148.6 121.8 182.6

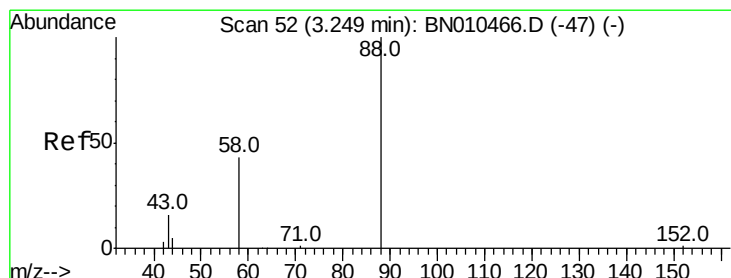
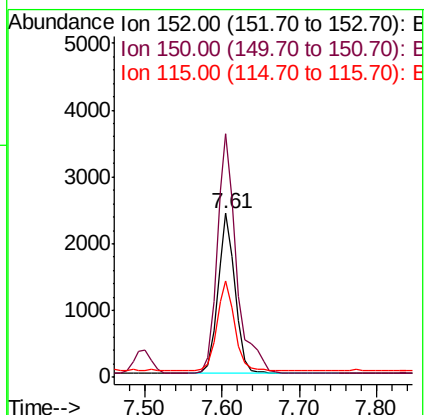
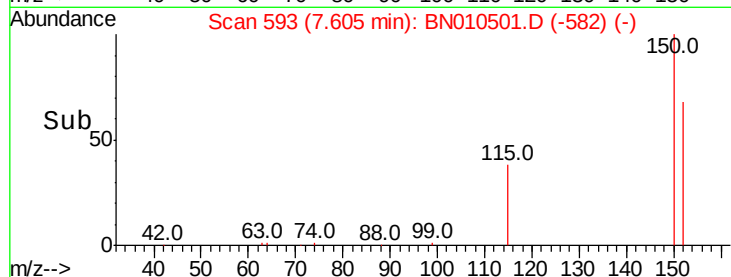
115 59.1 45.5 68.3



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: 0.419 ng

RT: 3.25 min Scan# 52

Delta R.T. -0.00 min

Lab File: BN010501.D

Acq: 15 Apr 2020 05:18

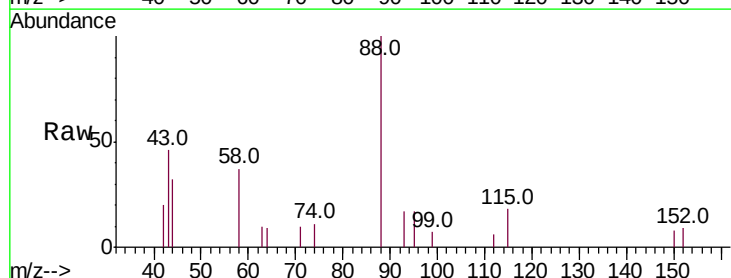
Tgt Ion: 88 Resp: 1144

Ion Ratio Lower Upper

88 100

58 45.5 36.5 54.7

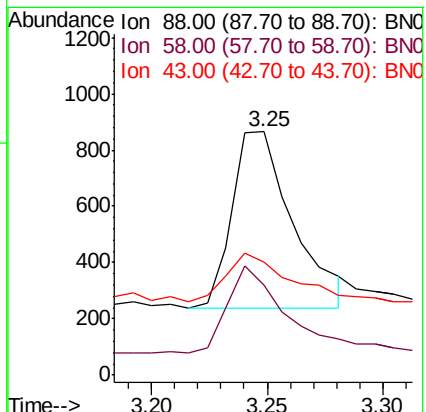
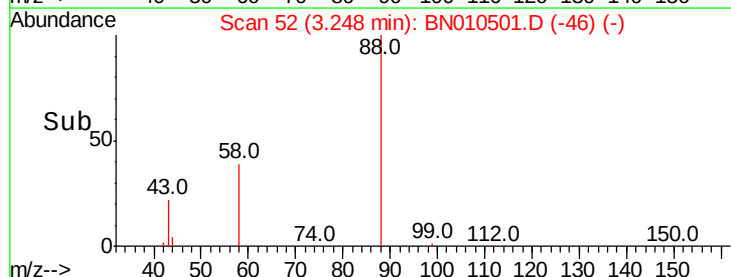
43 28.1 13.2 19.8#

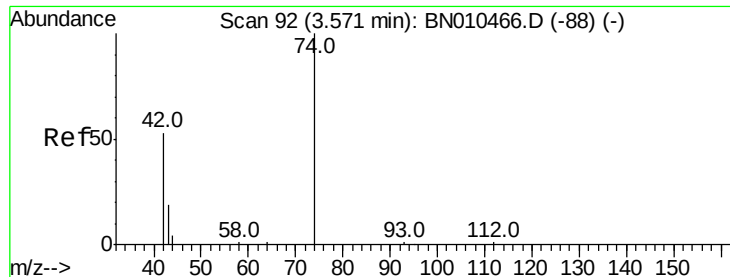


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.454 ng

RT: 3.55 min Scan# 90

Delta R.T. -0.02 min

Lab File: BN010501.D

Acq: 15 Apr 2020 05:18

Instrument :

BNA_N

ClientSampleId :

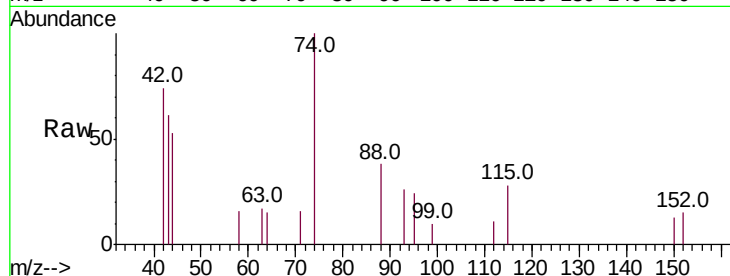
Tot Ion: 42 Resp: 804

Ion Ratio Lower Upper

42 100

74 180.0 162.2 243.4

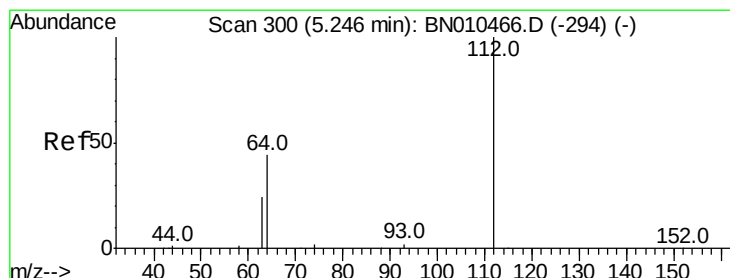
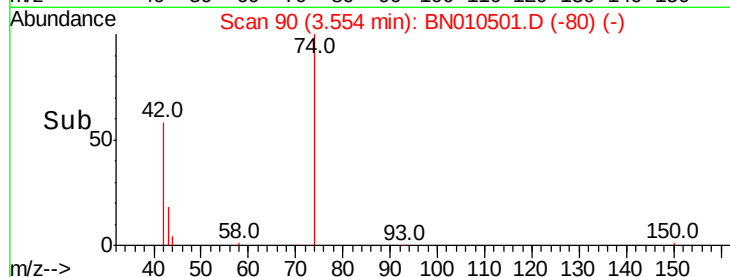
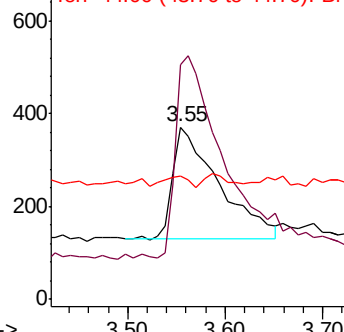
44 5.6 2.4 3.6#



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: 0.413 ng

RT: 5.25 min Scan# 300

Delta R.T. -0.00 min

Lab File: BN010501.D

Acq: 15 Apr 2020 05:18

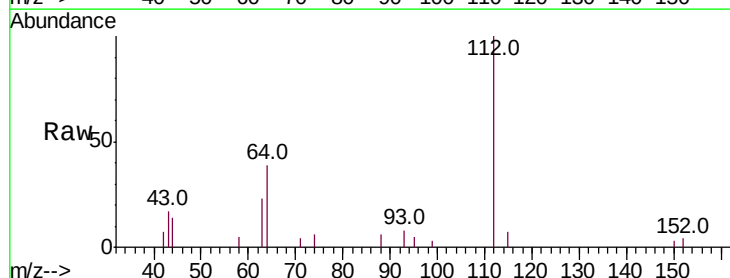
Tgt Ion: 112 Resp: 3356

Ion Ratio Lower Upper

112 100

64 43.4 35.8 53.8

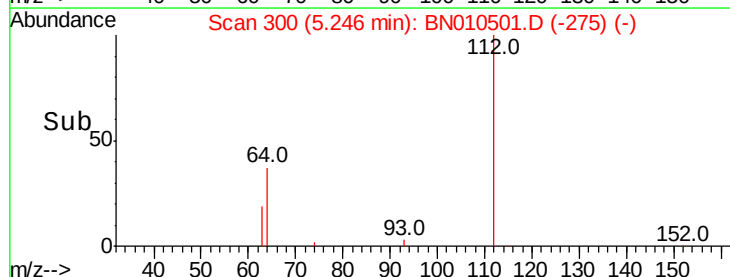
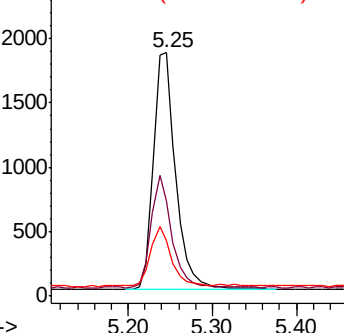
63 24.4 19.9 29.9

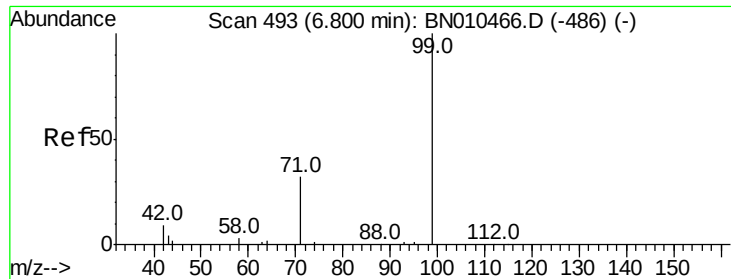


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.445 ng

RT: 6.79 min Scan# 492

Delta R.T. -0.01 min

Lab File: BN010501.D

Acq: 15 Apr 2020 05:18

Instrument :

BNA_N

ClientSampleId :

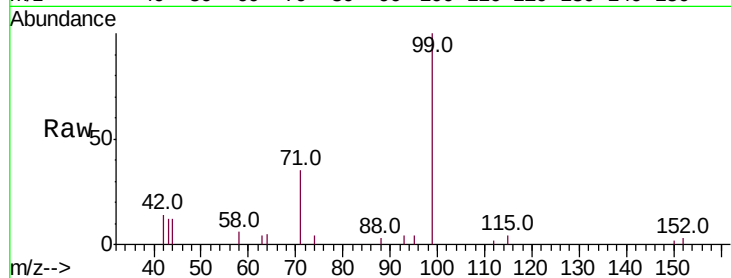
Tot Ion: 99 Resp: 4727

Ion Ratio Lower Upper

99 100

42 12.6 9.8 14.6

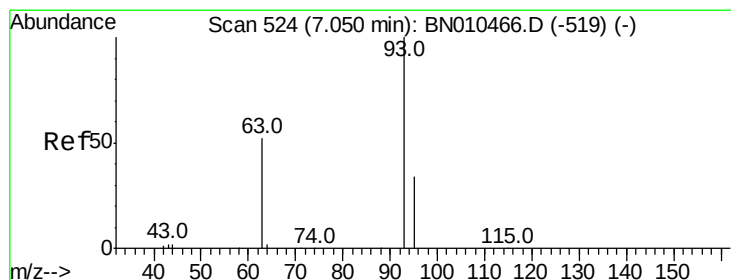
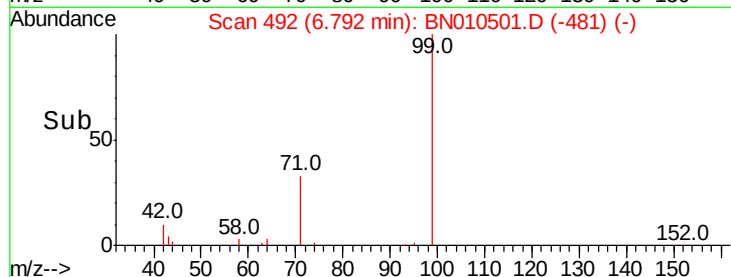
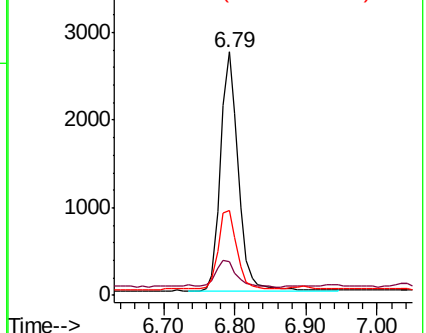
71 34.3 27.8 41.8



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: 0.446 ng

RT: 7.04 min Scan# 523

Delta R.T. -0.01 min

Lab File: BN010501.D

Acq: 15 Apr 2020 05:18

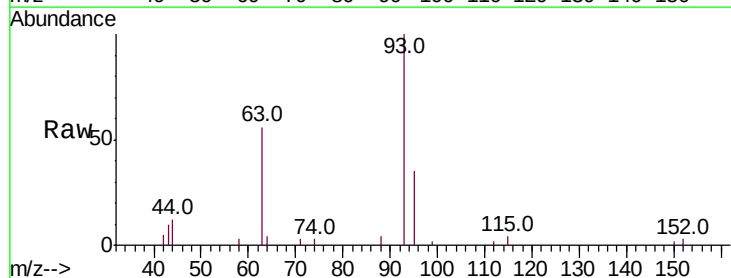
Tgt Ion: 93 Resp: 4101

Ion Ratio Lower Upper

93 100

63 56.4 44.6 66.8

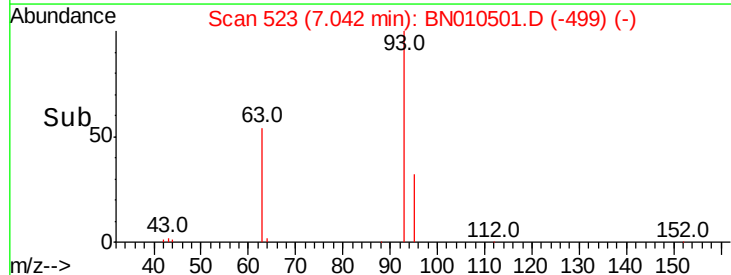
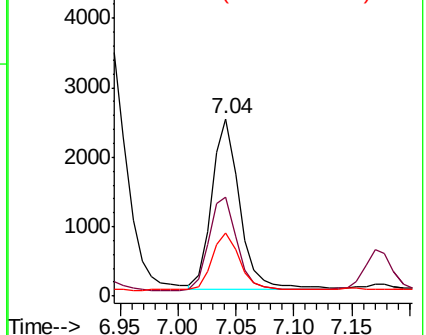
95 33.9 26.5 39.7

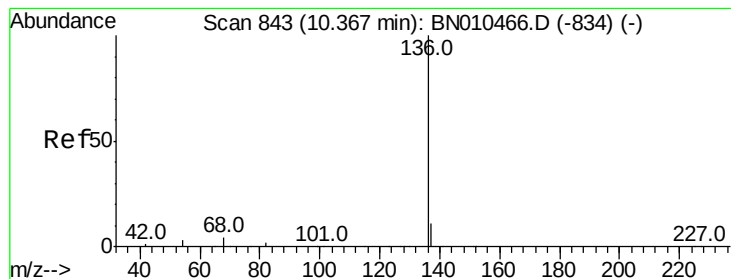


Abundance Ion 93.00 (92.70 to 93.70): BN010466.D (-519) (-)

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: BN010501.D

Acq: 15 Apr 2020 05:18

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 15503

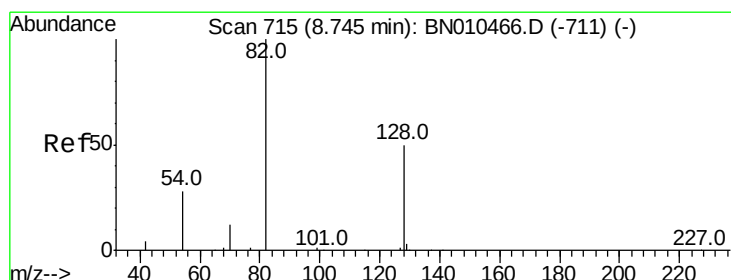
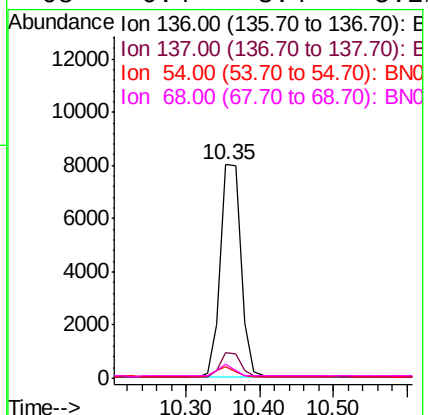
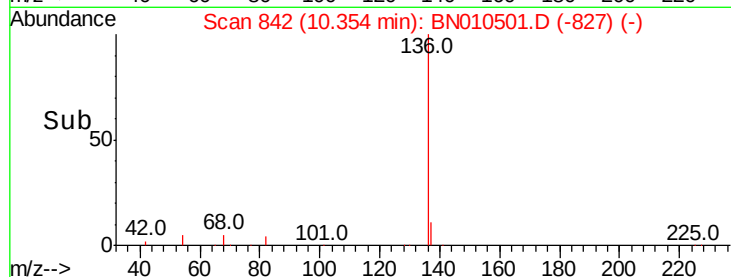
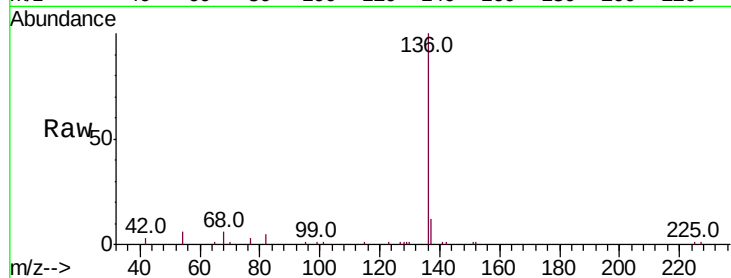
Ion Ratio Lower Upper

136 100

137 11.8 8.9 13.3

54 5.6 2.6 4.0#

68 6.4 3.4 5.2#



#8

Nitrobenzene-d5

Concen: 0.432 ng

RT: 8.73 min Scan# 714

Delta R.T. -0.01 min

Lab File: BN010501.D

Acq: 15 Apr 2020 05:18

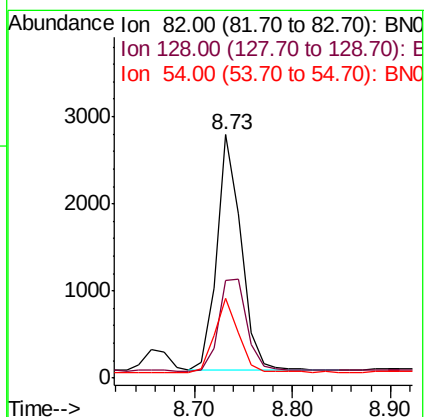
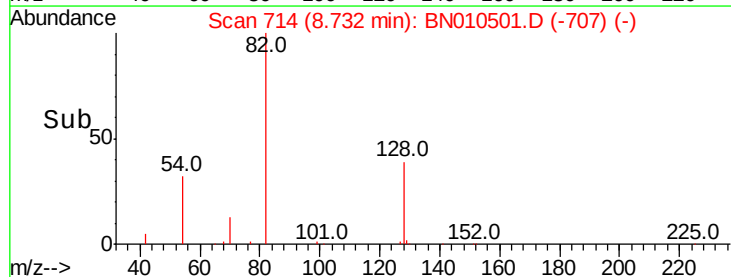
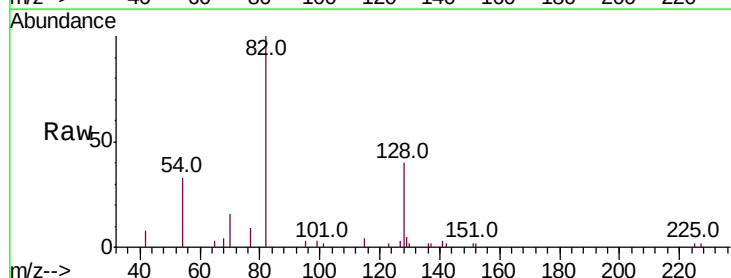
Tgt Ion: 82 Resp: 4686

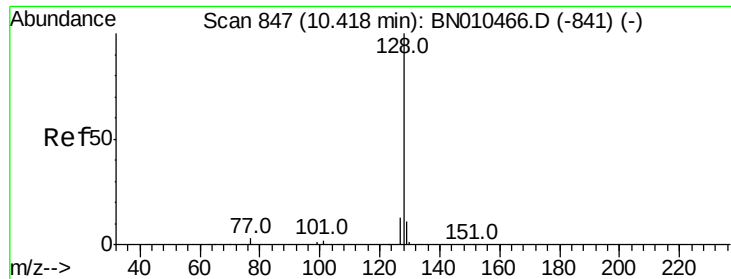
Ion Ratio Lower Upper

82 100

128 40.0 41.3 61.9#

54 32.6 23.4 35.0





#9

Naphthalene

Concen: 0.438 ng

RT: 10.41 min Scan# 846

Delta R.T. -0.01 min

Lab File: BN010501.D

Acq: 15 Apr 2020 05:18

Instrument :

BNA_N

ClientSampleId :

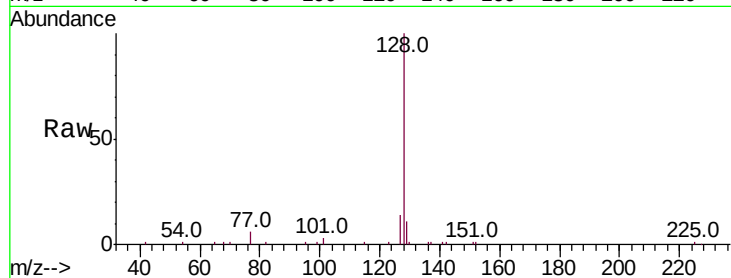
Tot Ion:128 Resp: 16848

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

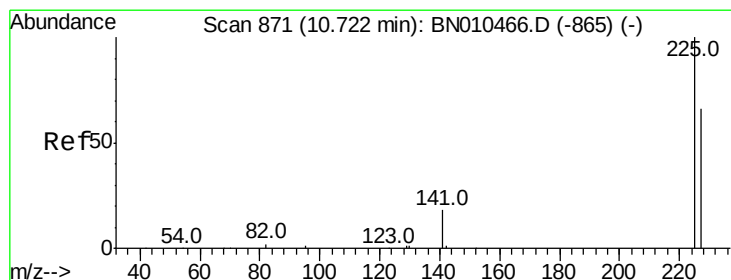
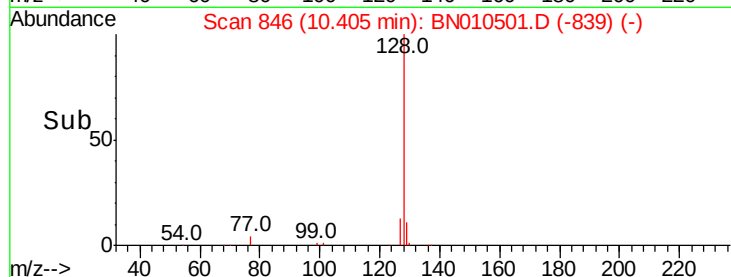
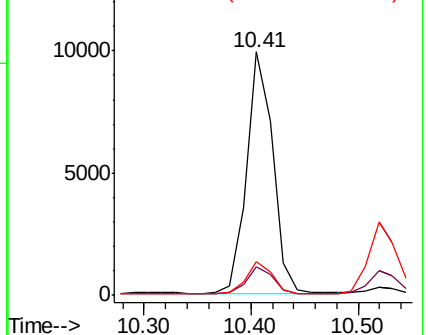
127 13.9 10.5 15.7



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: 0.410 ng

RT: 10.71 min Scan# 870

Delta R.T. -0.01 min

Lab File: BN010501.D

Acq: 15 Apr 2020 05:18

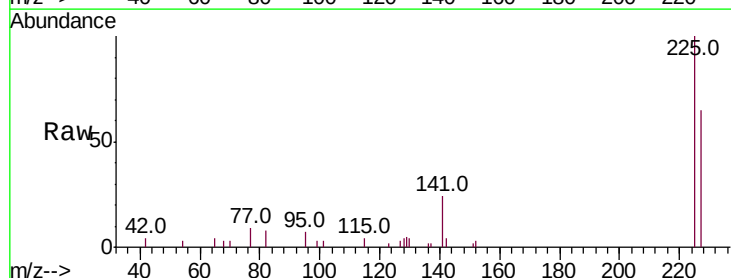
Tgt Ion:225 Resp: 3808

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

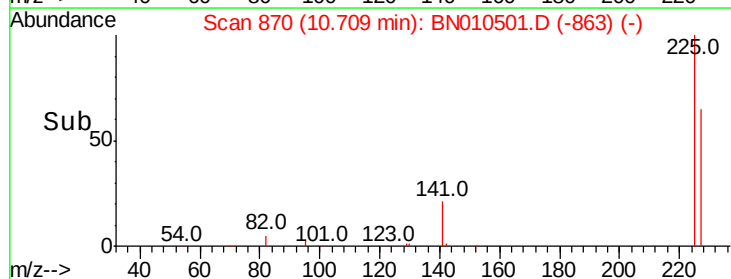
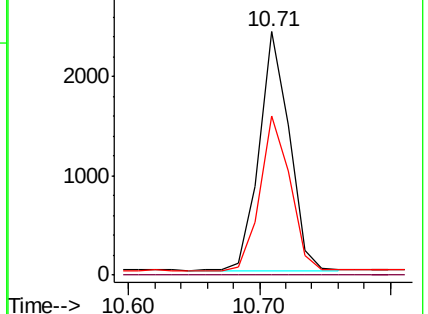
227 64.6 50.6 76.0

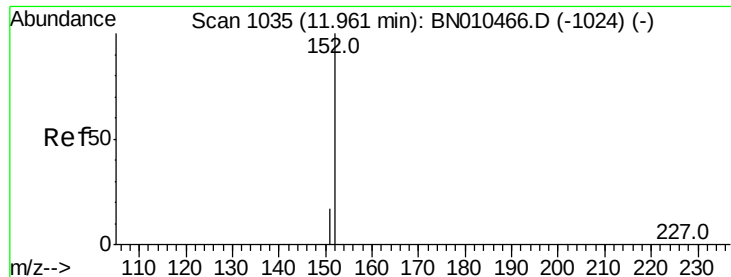


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

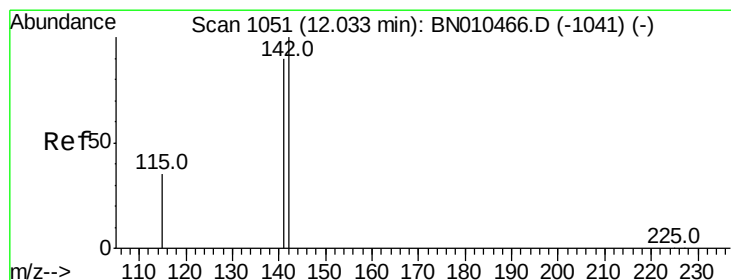
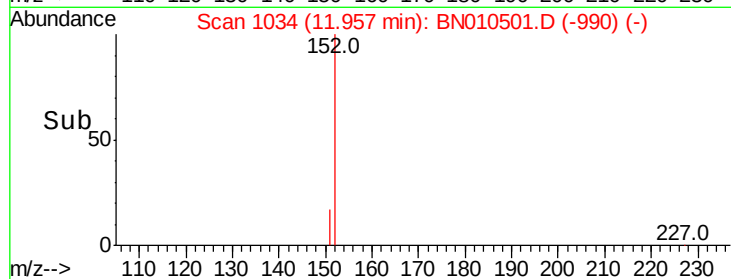
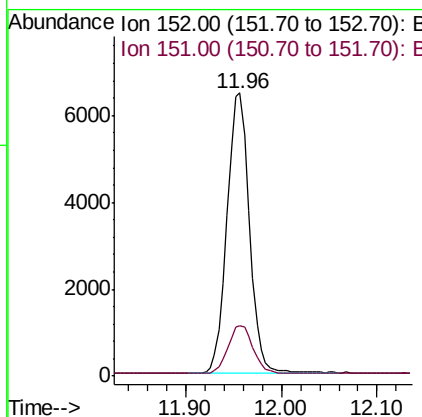
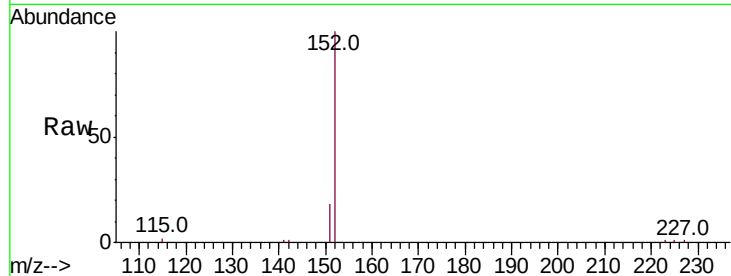




#11
2-Methylnaphthalene-d10
Concen: 0.414 ng
RT: 11.96 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BN010501.D
Acq: 15 Apr 2020 05:18

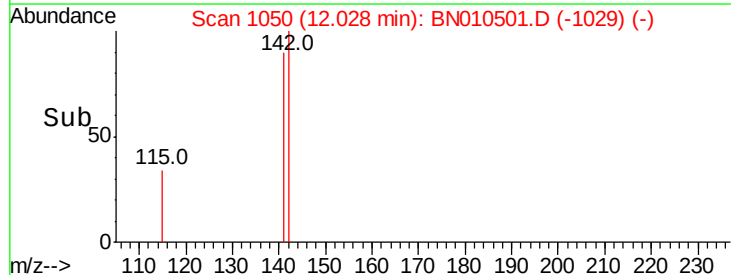
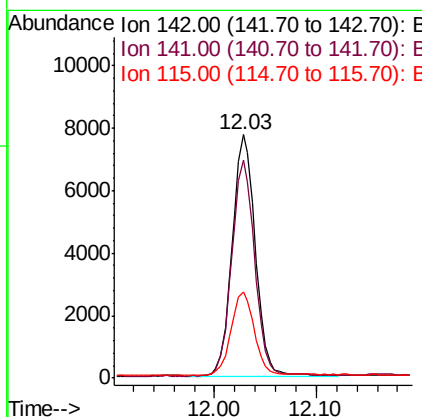
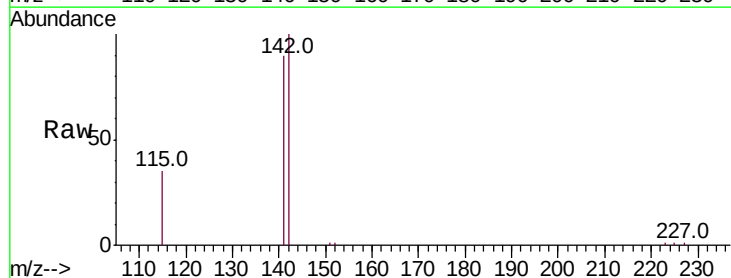
Instrument :
BNA_N
ClientSampleId :

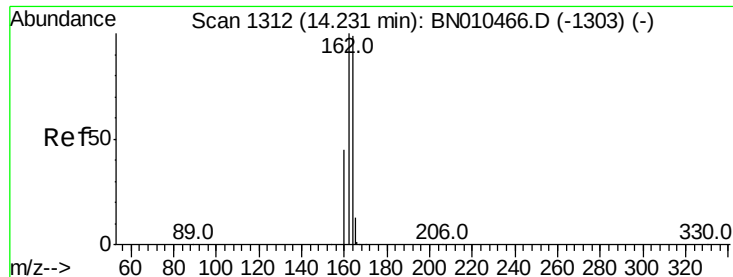
Tot Ion:152 Resp: 10540
Ion Ratio Lower Upper
152 100
151 19.4 15.3 22.9



#12
2-Methylnaphthalene
Concen: 0.444 ng
RT: 12.03 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BN010501.D
Acq: 15 Apr 2020 05:18

Tgt Ion:142 Resp: 12288
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9
115 35.4 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: BN010501.D

Acq: 15 Apr 2020 05:18

Instrument :

BNA_N

ClientSampleId :

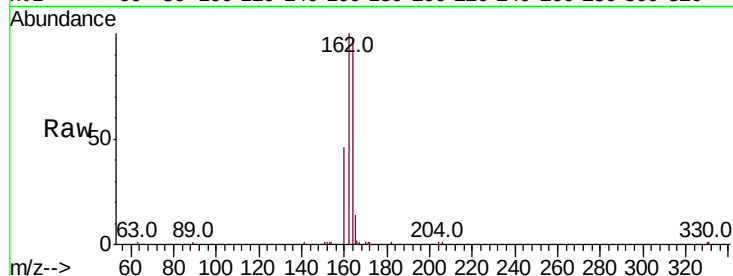
Tot Ion:164 Resp: 10017

Ion Ratio Lower Upper

164 100

162 102.7 80.6 121.0

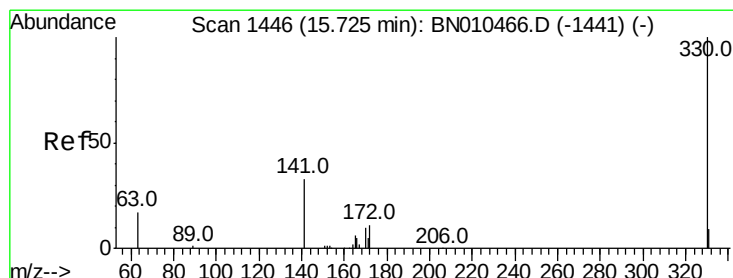
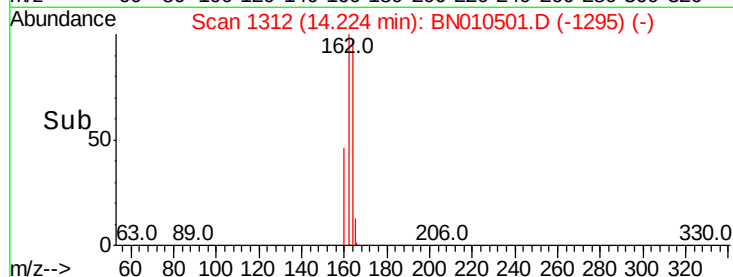
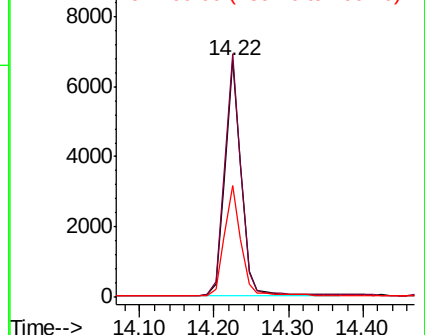
160 47.4 36.5 54.7



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: 0.418 ng

RT: 15.72 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BN010501.D

Acq: 15 Apr 2020 05:18

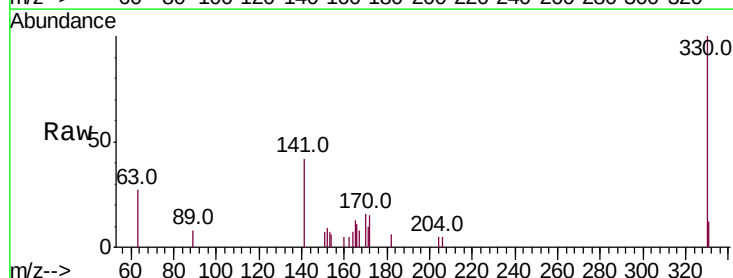
Tgt Ion:330 Resp: 1975

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

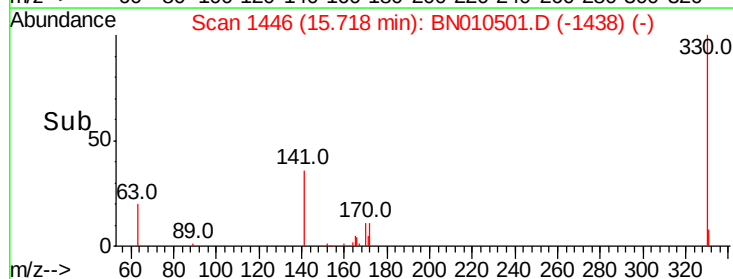
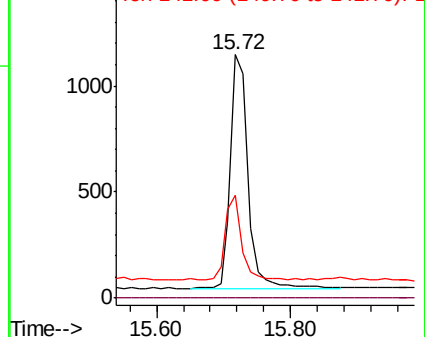
141 35.2 28.1 42.1

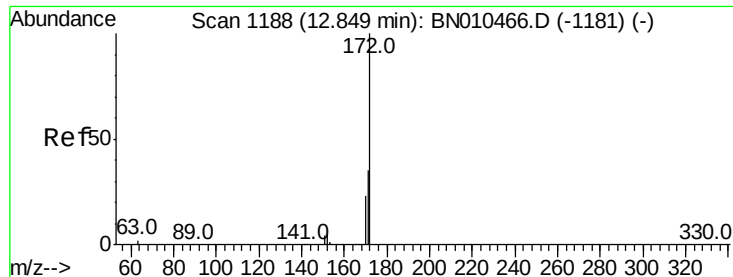


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

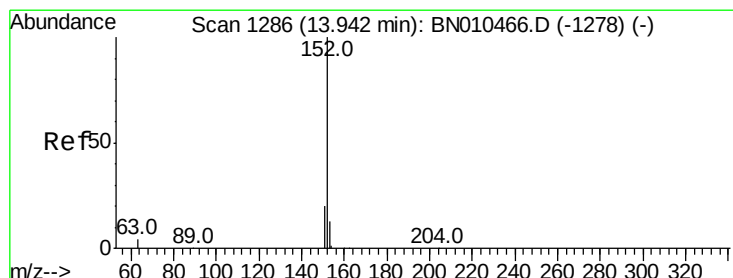
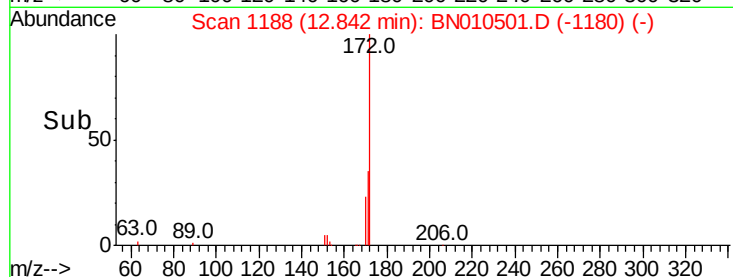
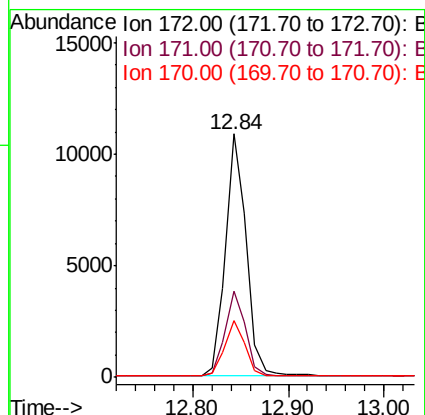
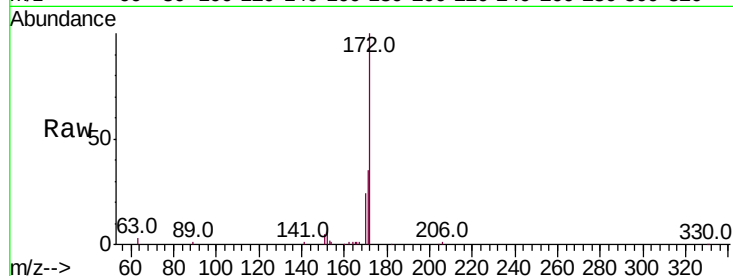




#15
2-Fluorobiphenyl
Concen: 0.451 ng
RT: 12.84 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BN010501.D
Acq: 15 Apr 2020 05:18

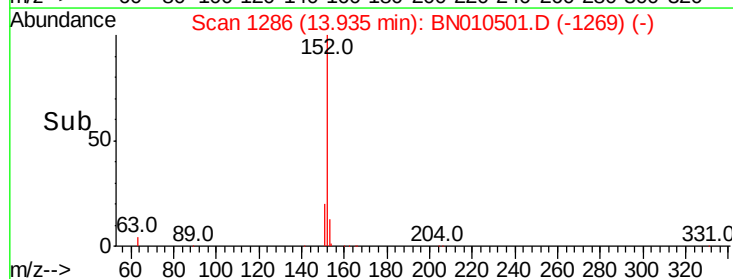
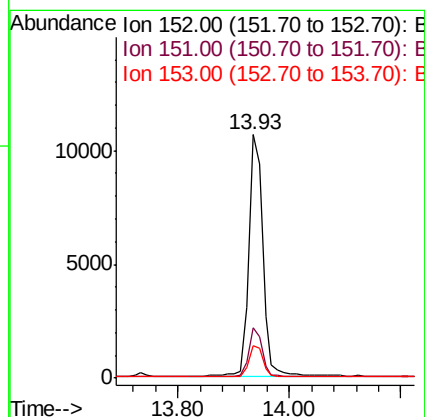
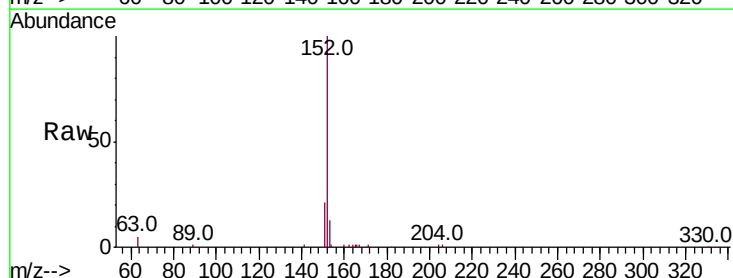
Instrument :
BNA_N
ClientSampled :

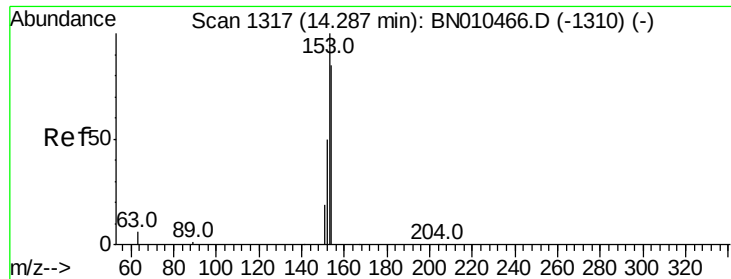
Tot Ion:172 Resp: 16458
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.2
170 23.5 18.4 27.6



#16
Acenaphthylene
Concen: 0.430 ng
RT: 13.93 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BN010501.D
Acq: 15 Apr 2020 05:18

Tgt Ion:152 Resp: 18612
Ion Ratio Lower Upper
152 100
151 19.1 15.7 23.5
153 12.8 10.6 15.8





#17

Acenaphthene

Concen: 0.439 ng

RT: 14.29 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BN010501.D

Acq: 15 Apr 2020 05:18

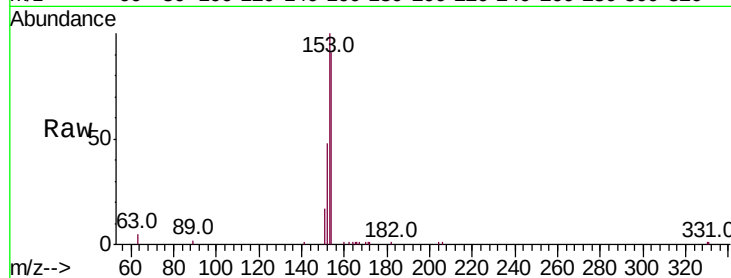
Instrument :

BNA_N

ClientSampleId :

Tot Ion:154 Resp: 12207

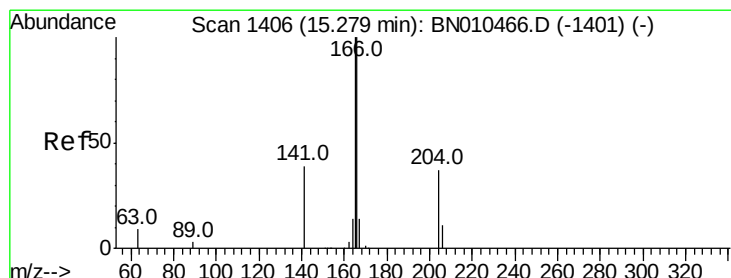
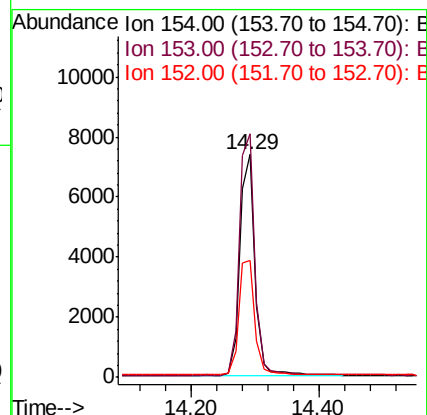
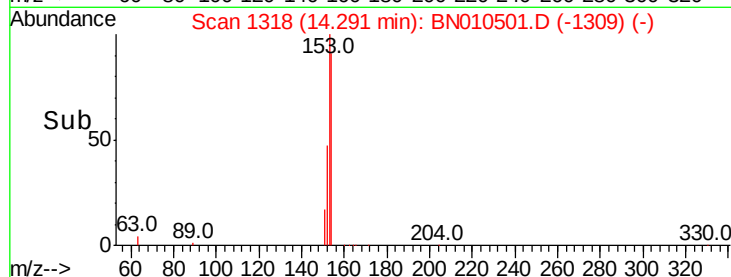
Ion	Ratio	Lower	Upper
154	100		
153	110.6	91.0	136.4
152	54.5	44.6	67.0



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: 0.435 ng

RT: 15.28 min Scan# 1407

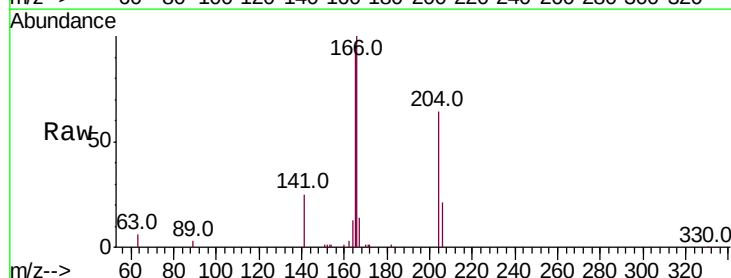
Delta R.T. 0.00 min

Lab File: BN010501.D

Acq: 15 Apr 2020 05:18

Tgt Ion:166 Resp: 15835

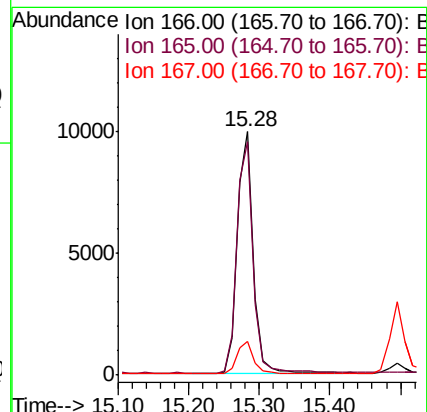
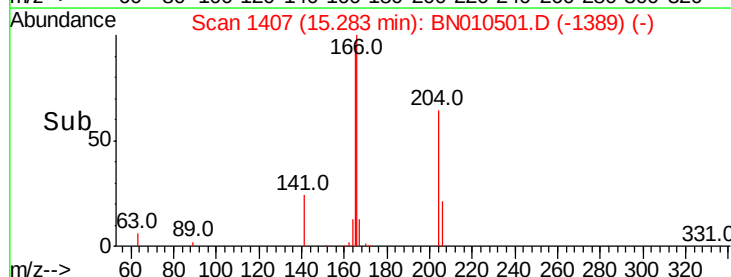
Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.4	117.6
167	13.4	10.9	16.3

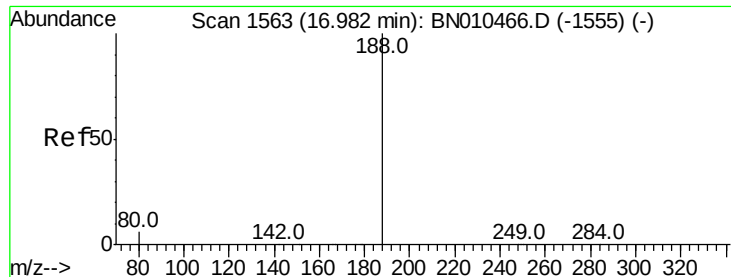


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN010501.D

Acq: 15 Apr 2020 05:18

Instrument :

BNA_N

ClientSampleId :

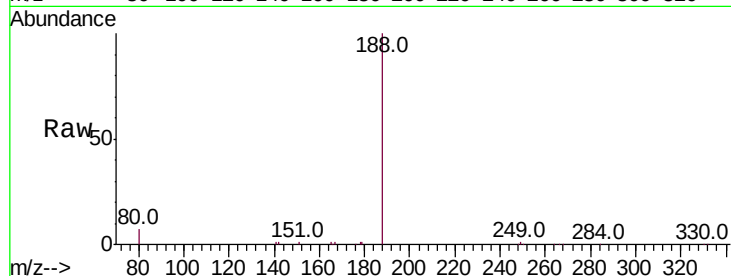
Tot Ion:188 Resp: 22599

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

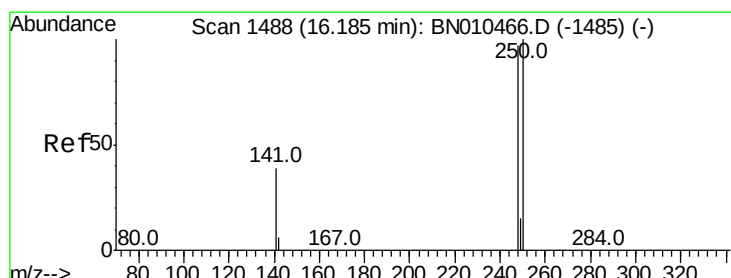
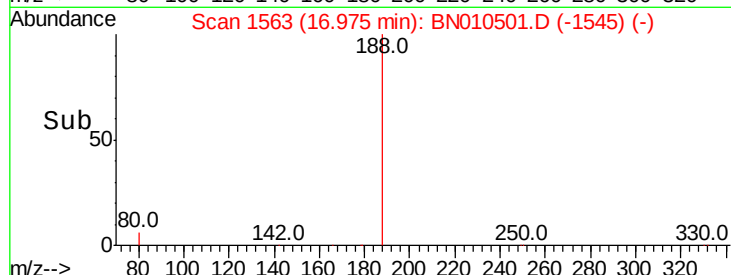
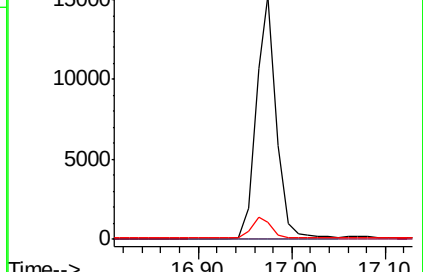
80 6.8 5.0 7.6



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: 0.413 ng

RT: 16.18 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BN010501.D

Acq: 15 Apr 2020 05:18

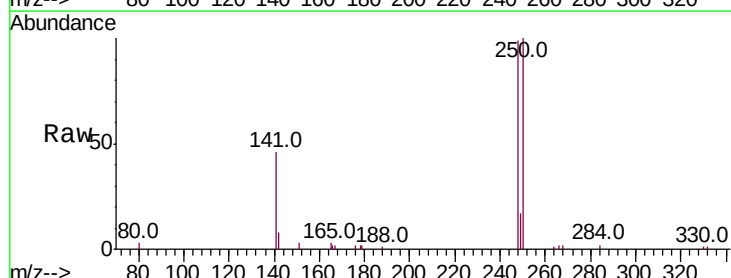
Tgt Ion:248 Resp: 5191

Ion Ratio Lower Upper

248 100

250 101.4 82.3 123.5

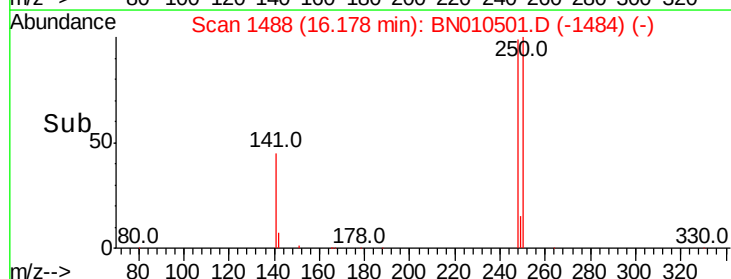
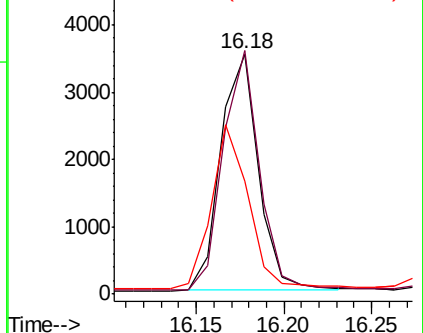
141 47.1 35.2 52.8

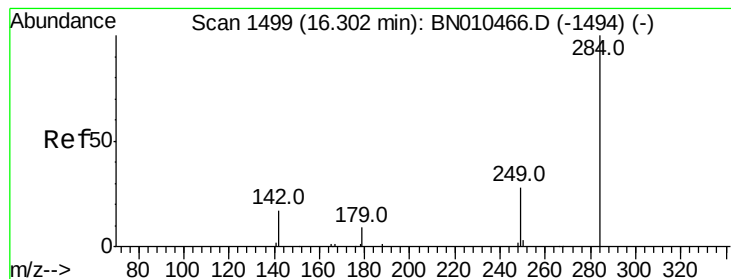


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.438 ng

RT: 16.29 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BN010501.D

Acq: 15 Apr 2020 05:18

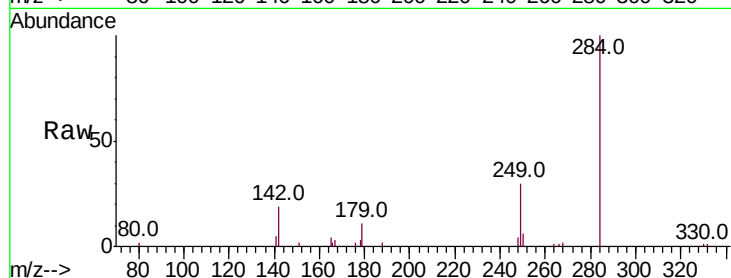
Instrument :

BNA_N

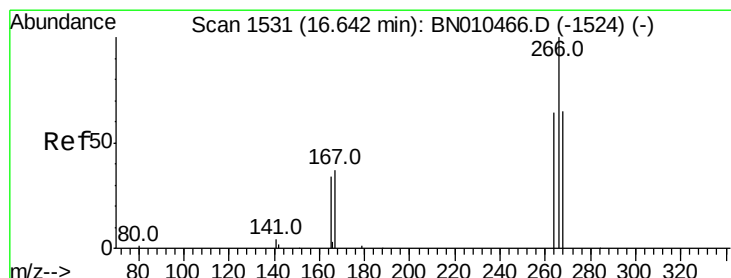
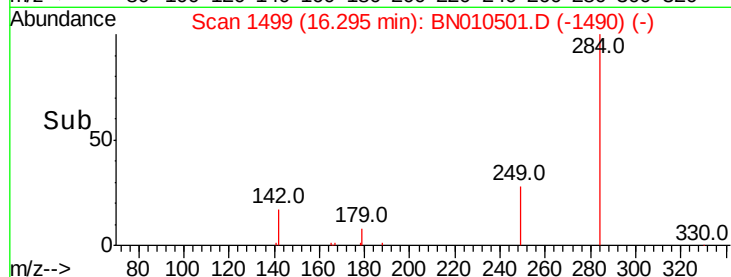
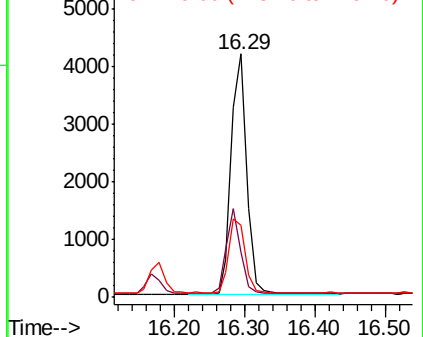
ClientSampleId :

Tot Ion:284 Resp: 6272

Ion	Ratio	Lower	Upper
284	100		
142	32.2	25.5	38.3
249	32.4	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: 0.429 ng

RT: 16.63 min Scan# 1531

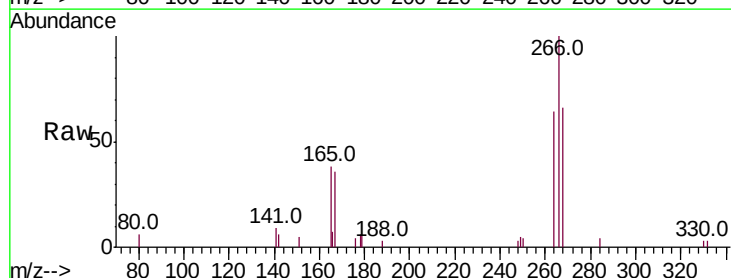
Delta R.T. -0.01 min

Lab File: BN010501.D

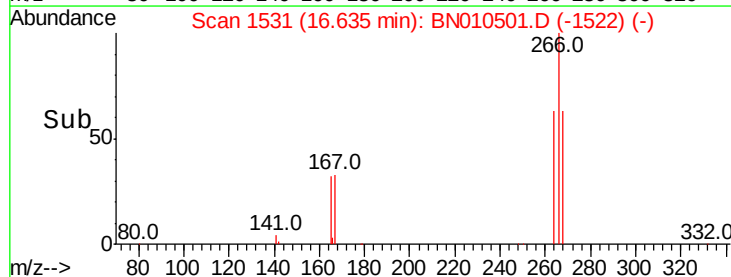
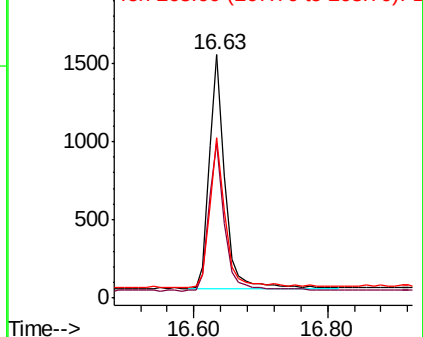
Acq: 15 Apr 2020 05:18

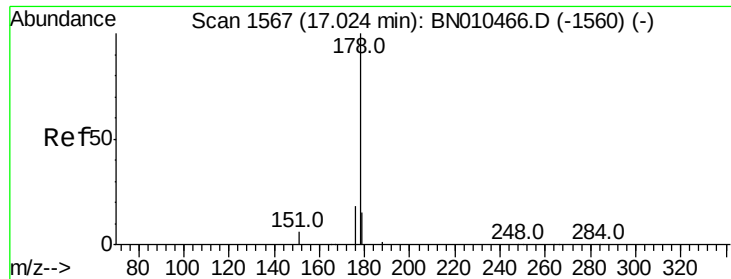
Tgt Ion:266 Resp: 2420

Ion	Ratio	Lower	Upper
266	100		
264	63.7	51.8	77.6
268	65.7	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: 0.444 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BN010501.D

Acq: 15 Apr 2020 05:18

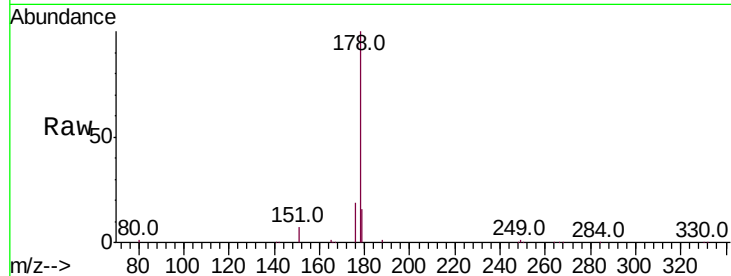
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 27113

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.6	12.6	18.8

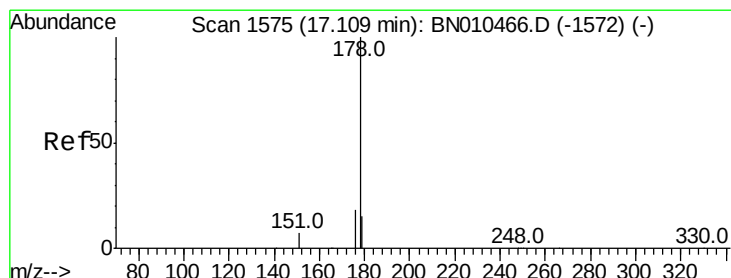
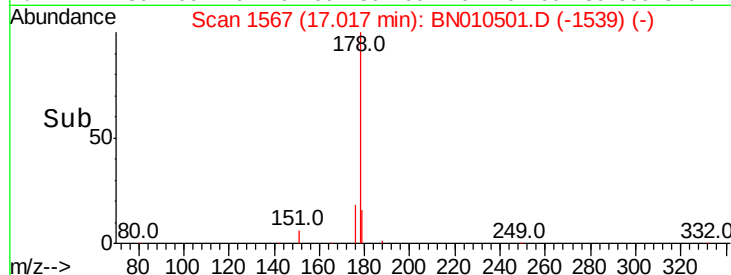
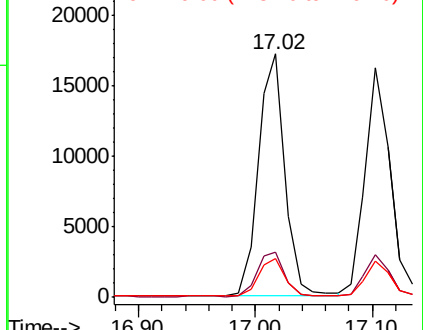


Abundance

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: 0.445 ng

RT: 17.10 min Scan# 1575

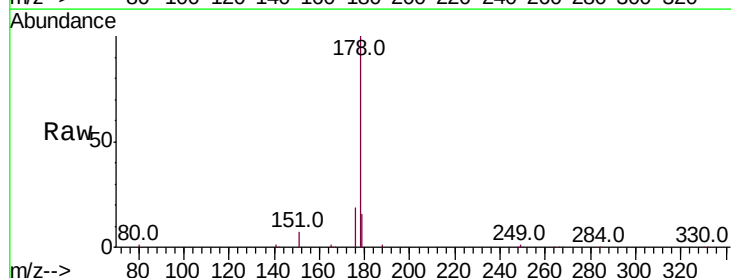
Delta R.T. -0.01 min

Lab File: BN010501.D

Acq: 15 Apr 2020 05:18

Tgt Ion:178 Resp: 24852

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.5	12.2	18.2

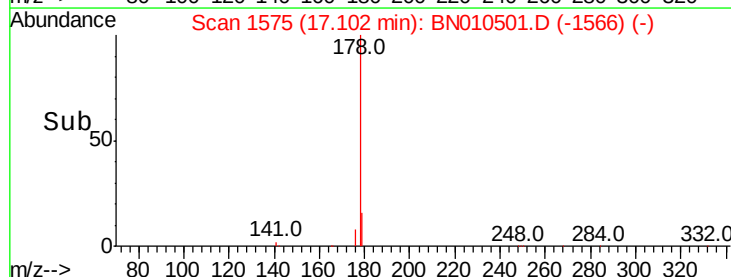
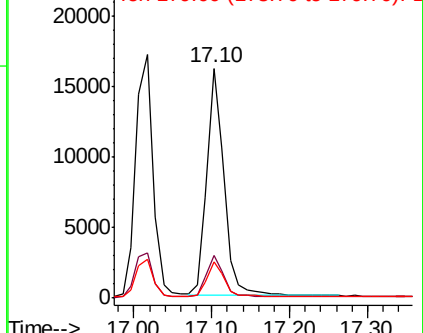


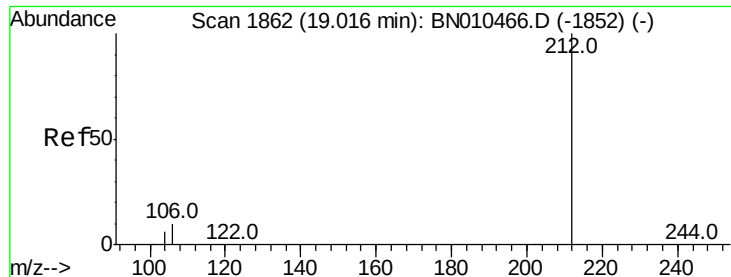
Abundance

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: 0.433 ng

RT: 19.01 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BN010501.D

Acq: 15 Apr 2020 05:18

Instrument :

BNA_N

ClientSampleId :

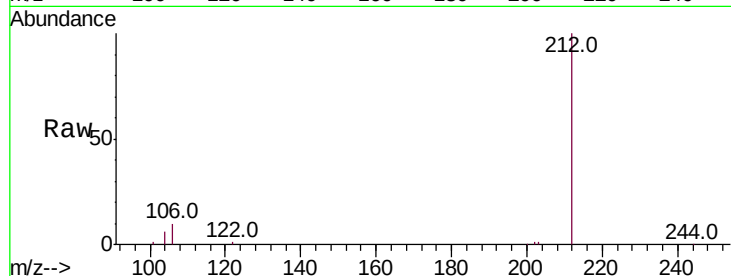
Tot Ion:212 Resp: 29664

Ion Ratio Lower Upper

212 100

106 9.9 7.8 11.6

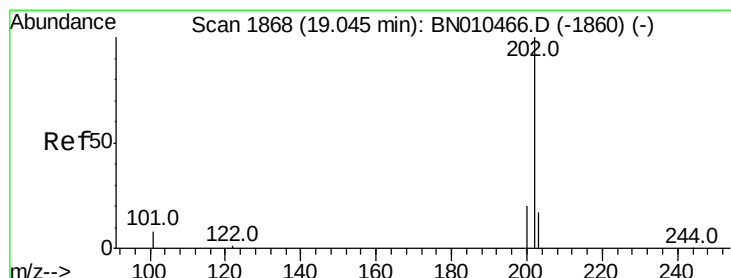
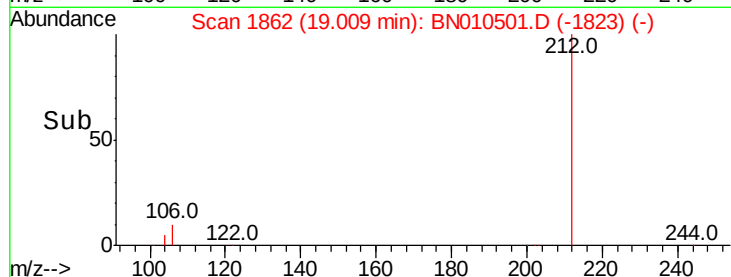
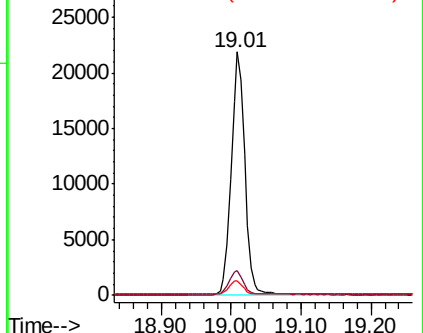
104 5.6 4.5 6.7



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: 0.467 ng

RT: 19.04 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BN010501.D

Acq: 15 Apr 2020 05:18

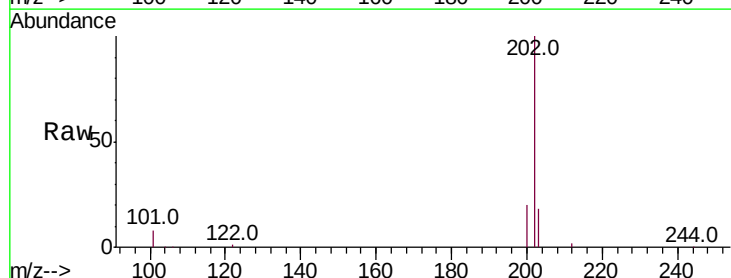
Tgt Ion:202 Resp: 35470

Ion Ratio Lower Upper

202 100

101 8.6 6.9 10.3

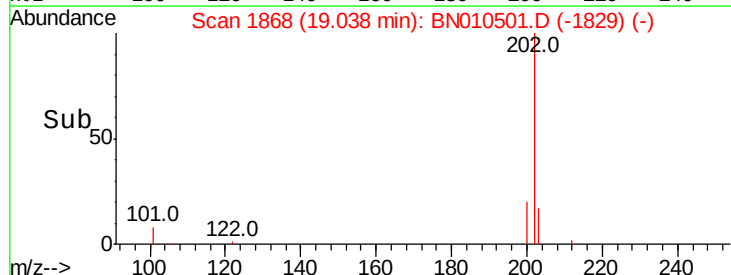
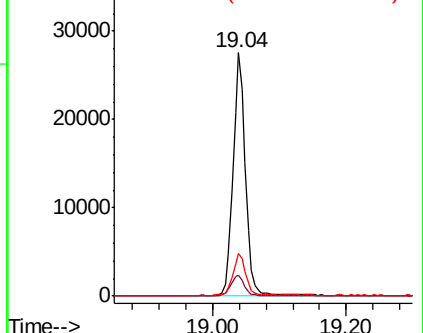
203 17.2 13.9 20.9

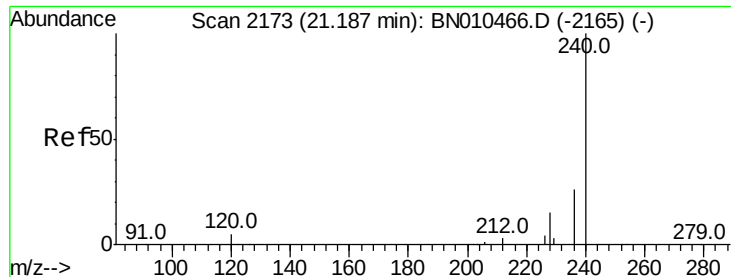


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN010501.D

Acq: 15 Apr 2020 05:18

Instrument :

BNA_N

ClientSampled :

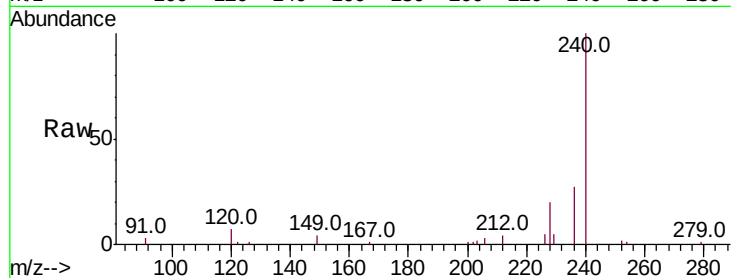
Tot Ion:240 Resp: 26318

Ion Ratio Lower Upper

240 100

120 7.3 4.8 7.2#

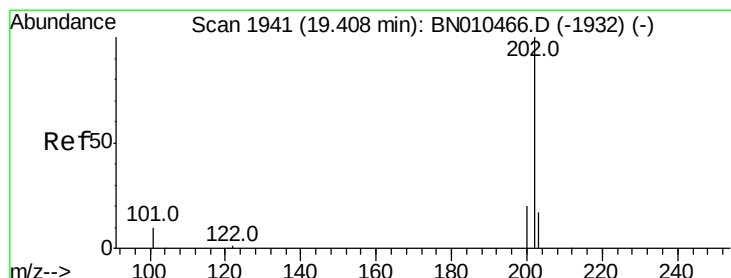
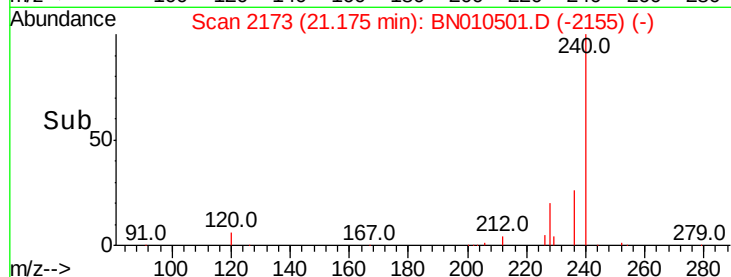
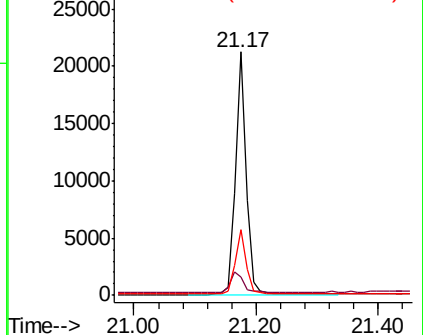
236 26.7 21.4 32.0



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: 0.413 ng

RT: 19.40 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BN010501.D

Acq: 15 Apr 2020 05:18

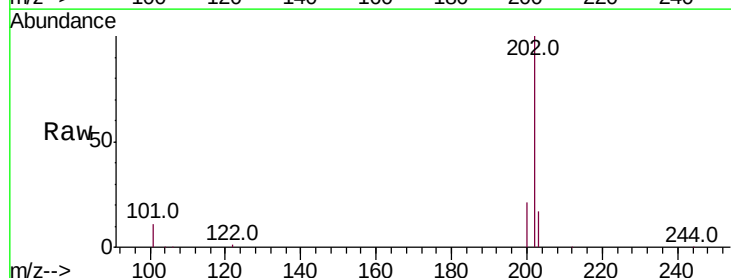
Tgt Ion:202 Resp: 36585

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

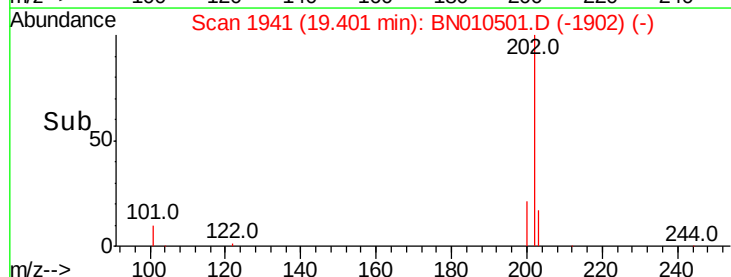
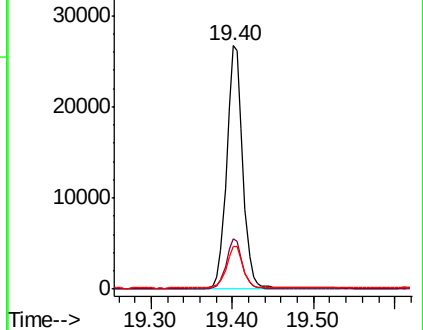
203 17.8 14.0 21.0

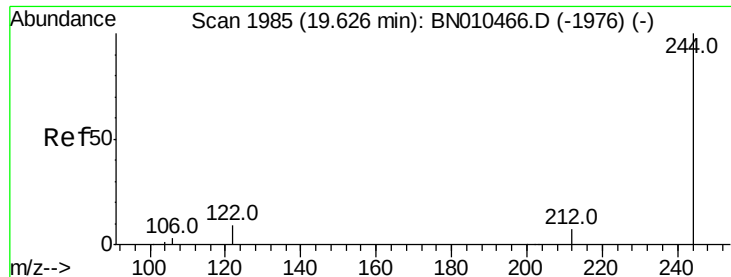


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.449 ng

RT: 19.62 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BN010501.D

Acq: 15 Apr 2020 05:18

Instrument :

BNA_N

ClientSampleId :

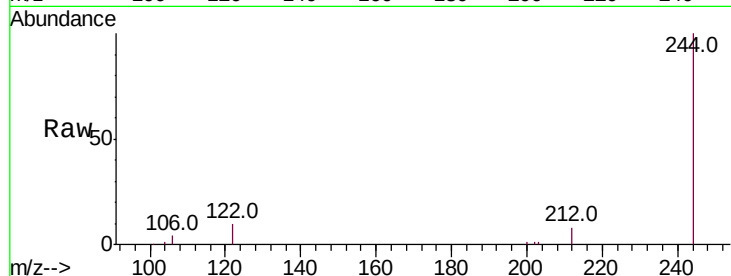
Tot Ion:244 Resp: 27048

Ion Ratio Lower Upper

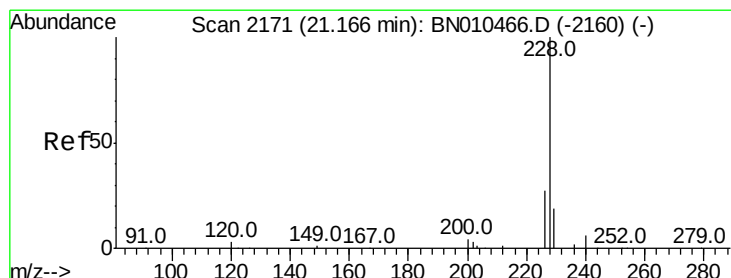
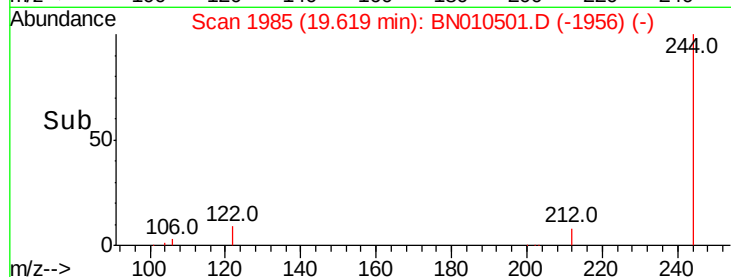
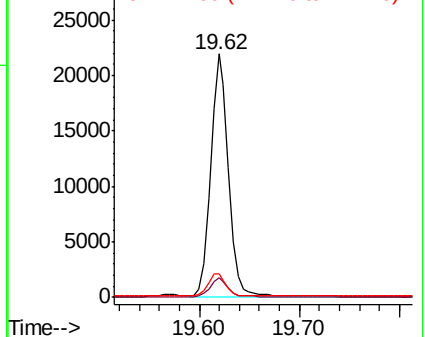
244 100

212 7.8 6.2 9.4

122 9.8 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: 0.412 ng

RT: 21.15 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BN010501.D

Acq: 15 Apr 2020 05:18

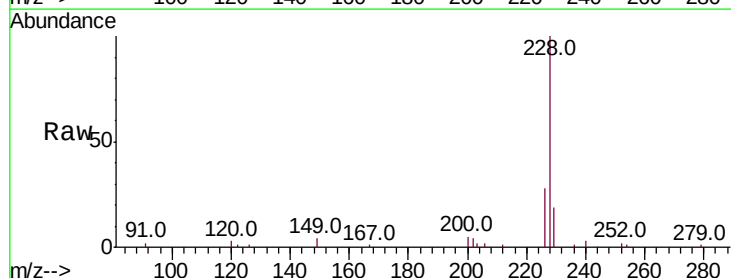
Tgt Ion:228 Resp: 35356

Ion Ratio Lower Upper

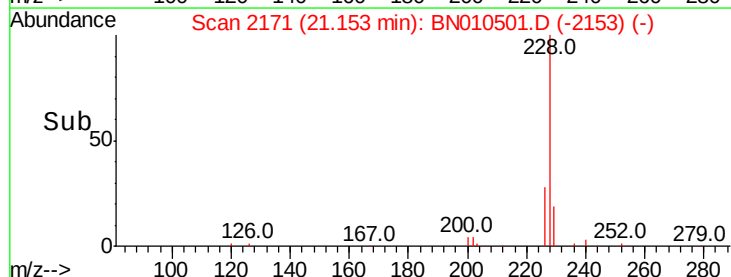
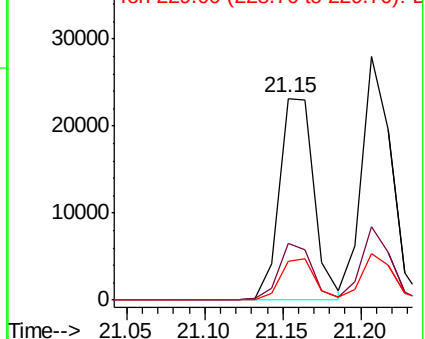
228 100

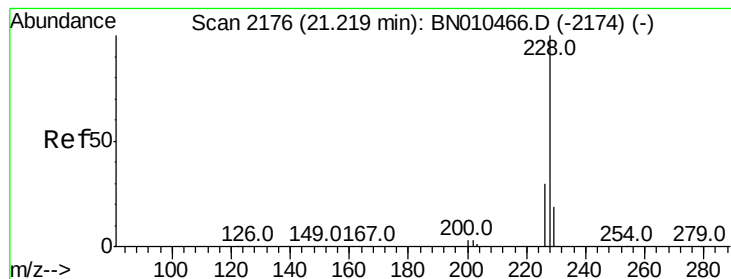
226 27.9 21.7 32.5

229 19.4 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: 0.427 ng

RT: 21.21 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BN010501.D

Acq: 15 Apr 2020 05:18

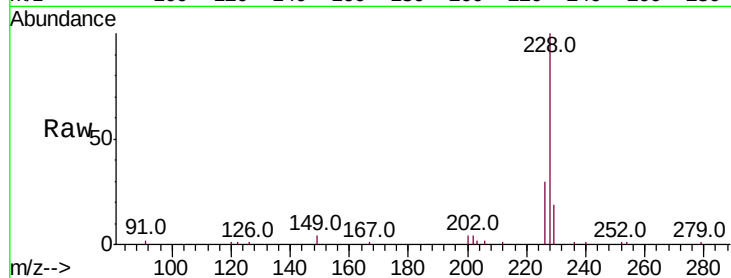
Instrument :

BNA_N

ClientSampled :

Tot Ion:228 Resp: 36499

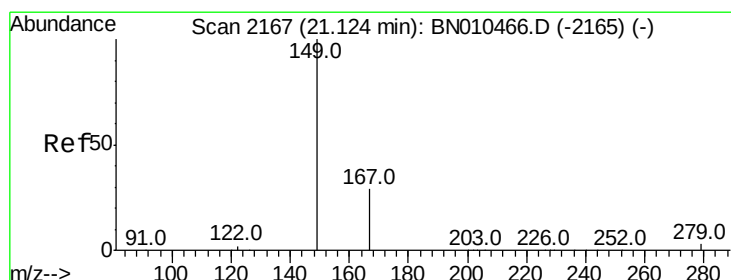
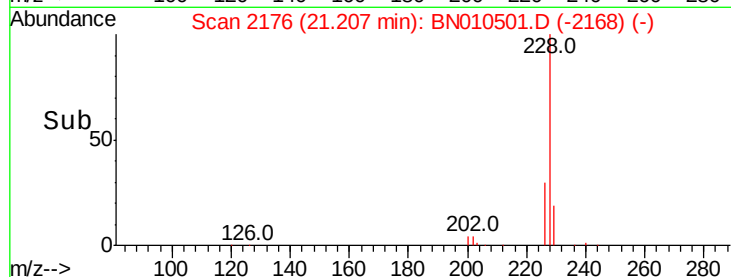
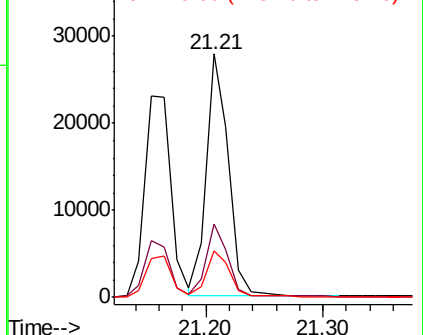
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	19.2	15.8	23.6



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: 0.355 ng

RT: 21.11 min Scan# 2167

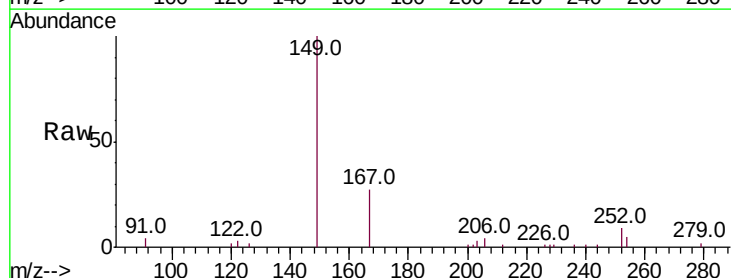
Delta R.T. -0.01 min

Lab File: BN010501.D

Acq: 15 Apr 2020 05:18

Tgt Ion:149 Resp: 15628

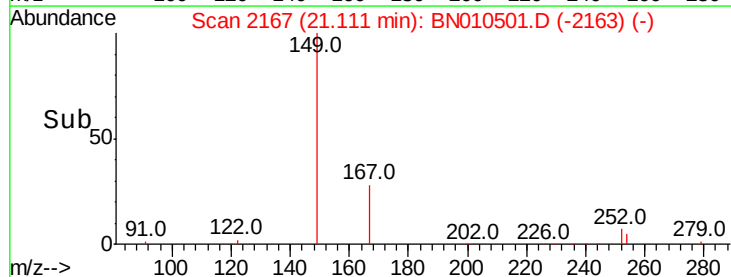
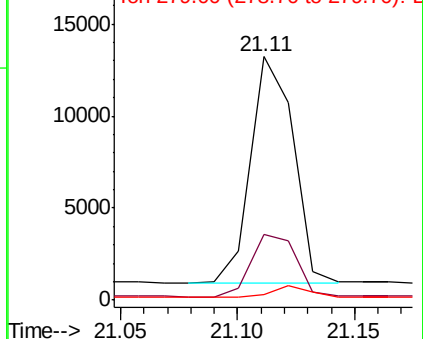
Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.4	35.0
279	4.8	4.0	6.0

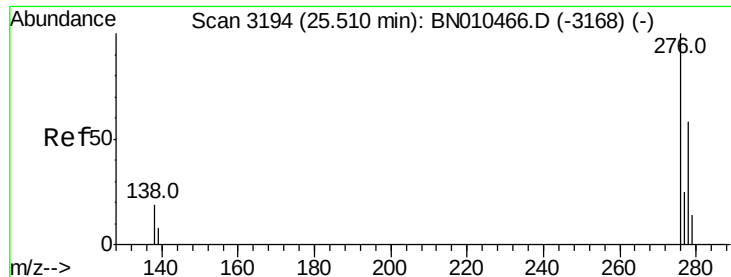


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

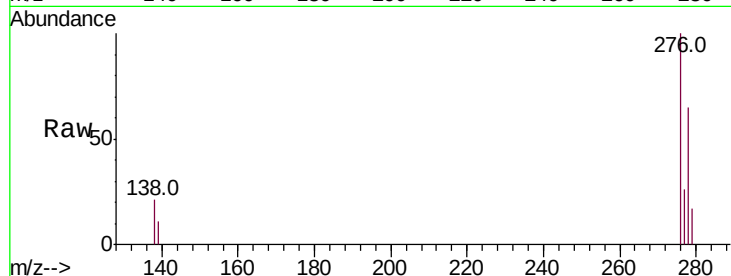




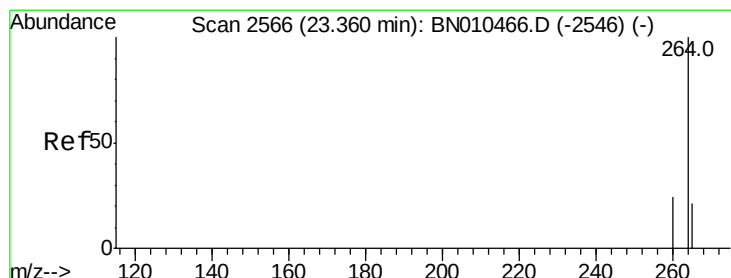
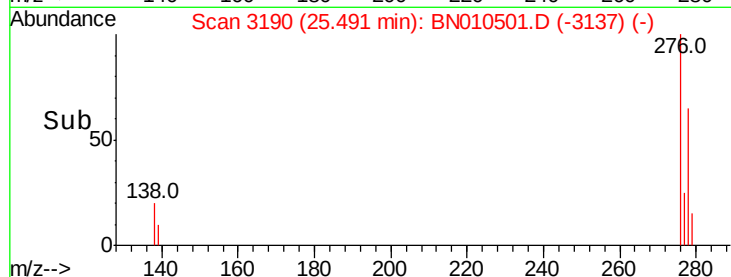
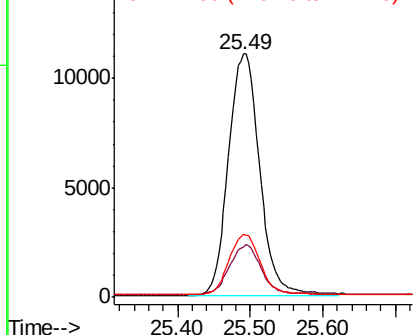
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.436 ng
 RT: 25.49 min Scan# 3190
 Delta R.T. -0.02 min
 Lab File: BN010501.D
 Acq: 15 Apr 2020 05:18

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 32950
 Ion Ratio Lower Upper
 276 100
 138 21.3 16.4 24.6
 277 24.8 19.8 29.6

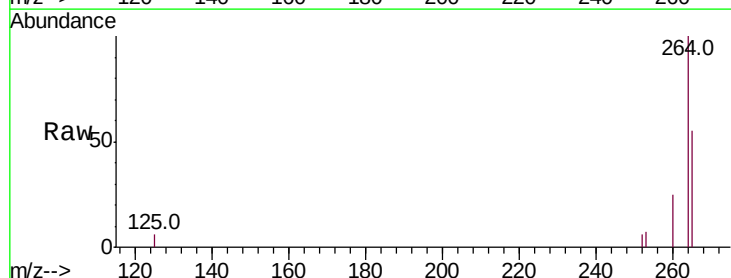


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

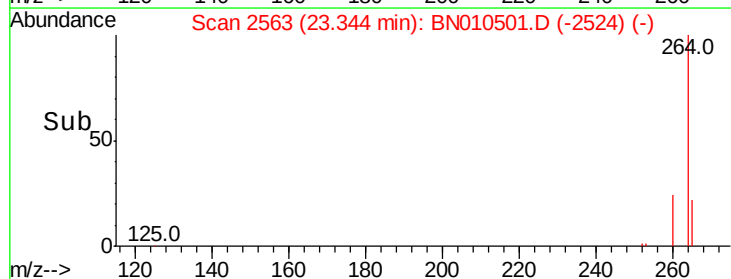
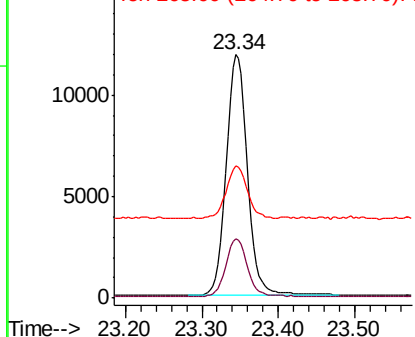


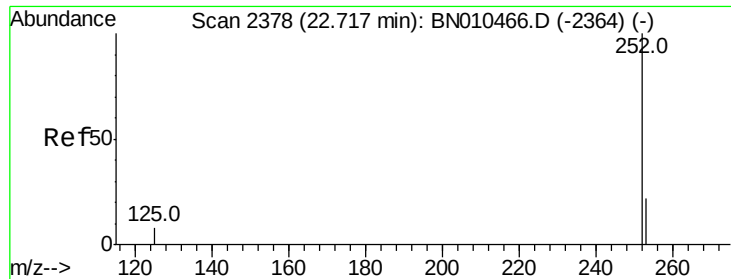
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.34 min Scan# 2563
 Delta R.T. -0.02 min
 Lab File: BN010501.D
 Acq: 15 Apr 2020 05:18

Tgt Ion:264 Resp: 23440
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.8 29.8
 265 54.6 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: 0.425 ng

RT: 22.70 min Scan# 2376

Delta R.T. -0.01 min

Lab File: BN010501.D

Acq: 15 Apr 2020 05:18

Instrument :

BNA_N

ClientSampleId :

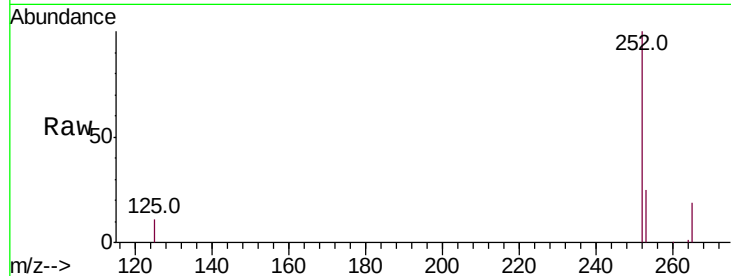
Tot Ion:252 Resp: 32801

Ion Ratio Lower Upper

252 100

253 24.9 20.2 30.4

125 11.2 9.2 13.8

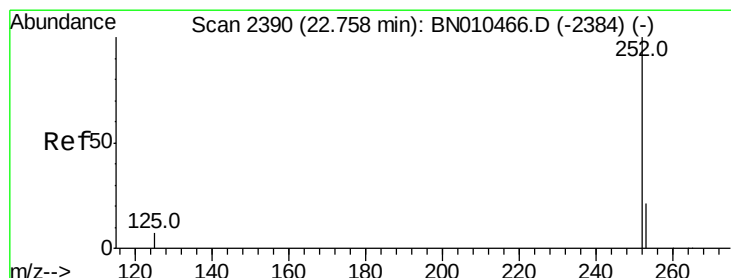
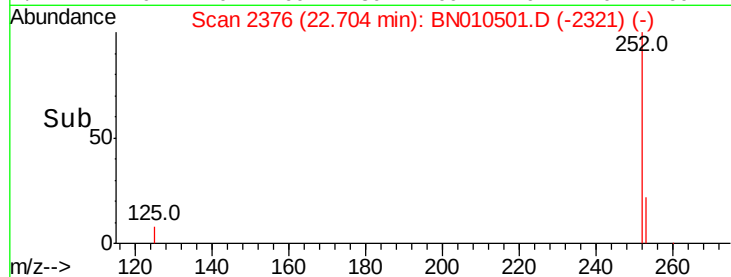
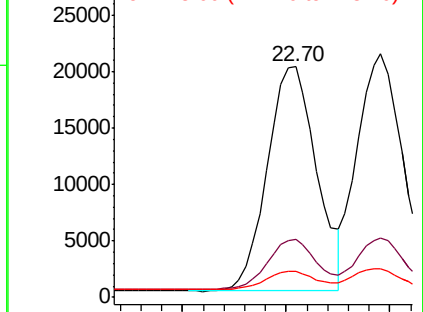


Abundance

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



#36

Benzo(k)fluoranthene

Concen: 0.423 ng

RT: 22.75 min Scan# 2388

Delta R.T. -0.01 min

Lab File: BN010501.D

Acq: 15 Apr 2020 05:18

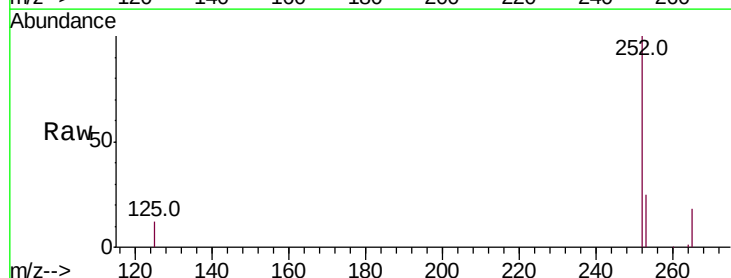
Tgt Ion:252 Resp: 32748

Ion Ratio Lower Upper

252 100

253 24.6 20.1 30.1

125 11.8 9.6 14.4

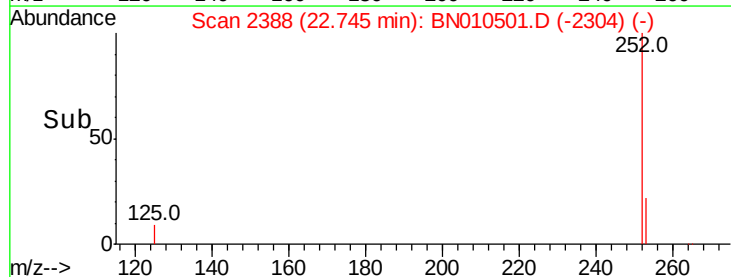
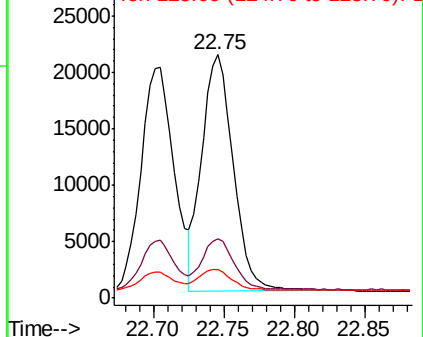


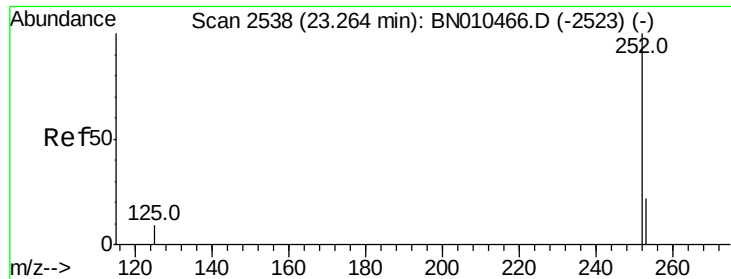
Abundance

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





#37

Benzo(a)pyrene

Concen: 0.435 ng

RT: 23.25 min Scan# 2536

Delta R.T. -0.01 min

Lab File: BN010501.D

Acq: 15 Apr 2020 05:18

Instrument :

BNA_N

ClientSampleId :

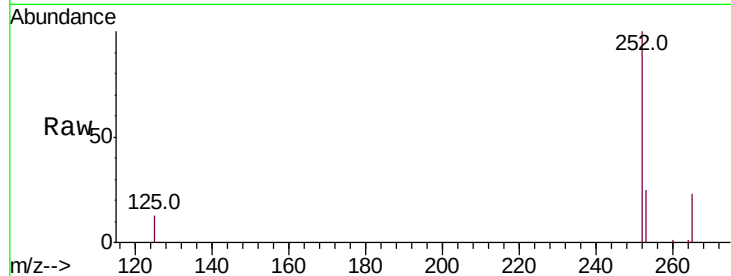
Tot Ion:252 Resp: 29733

Ion Ratio Lower Upper

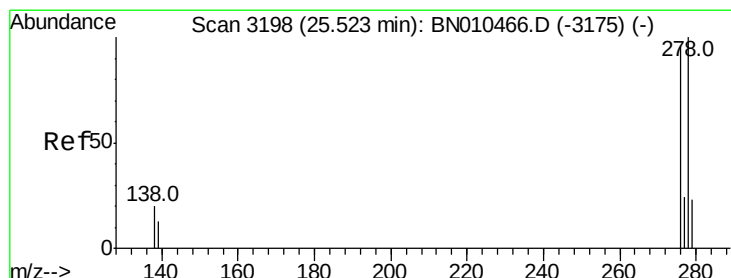
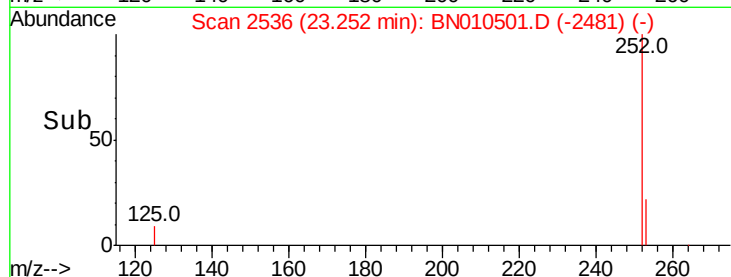
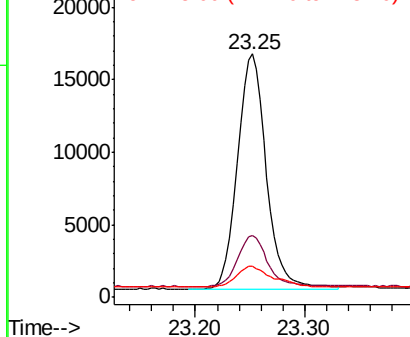
252 100

253 25.5 21.8 32.8

125 12.8 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: 0.436 ng

RT: 25.50 min Scan# 3193

Delta R.T. -0.02 min

Lab File: BN010501.D

Acq: 15 Apr 2020 05:18

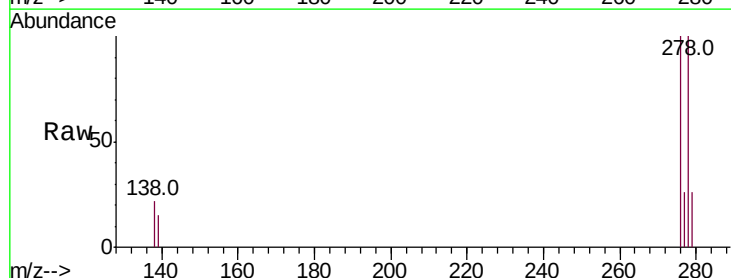
Tgt Ion:278 Resp: 27258

Ion Ratio Lower Upper

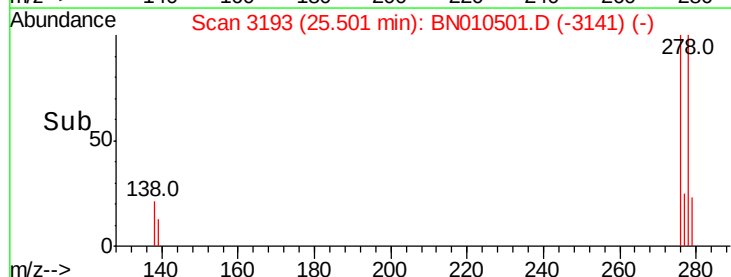
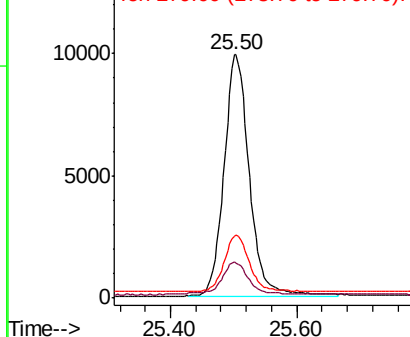
278 100

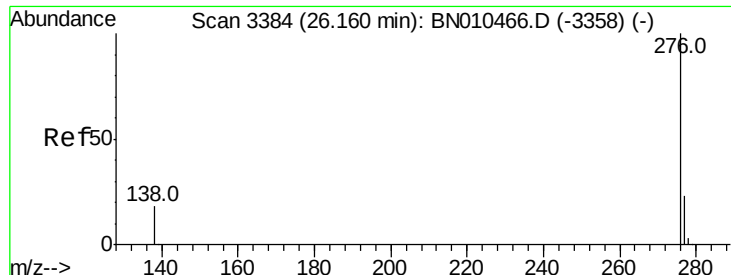
139 14.8 12.3 18.5

279 25.6 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: 0.443 ng

RT: 26.14 min Scan# 3379

Delta R.T. -0.02 min

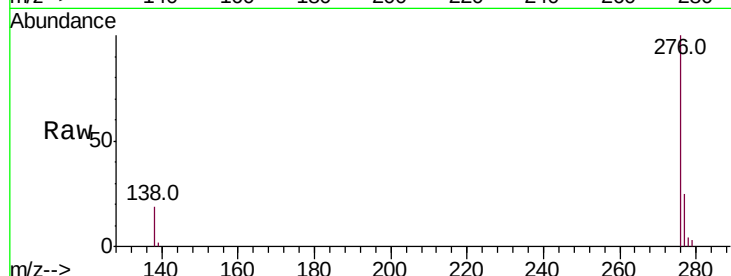
Lab File: BN010501.D

Acq: 15 Apr 2020 05:18

Instrument :

BNA_N

ClientSampleId :



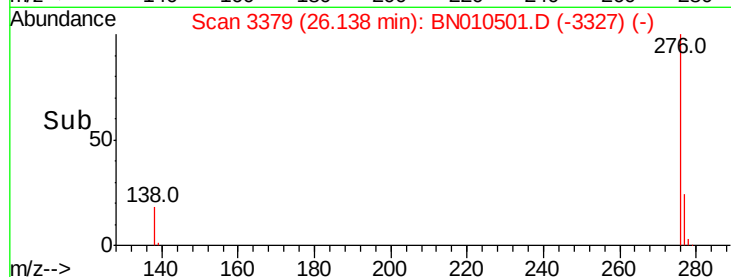
Tot Ion:276 Resp: 27853

Ion Ratio Lower Upper

276 100

277 24.5 20.2 30.2

138 19.2 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

