

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041420\
 Data File : BN010487.D
 Acq On : 14 Apr 2020 20:53
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 14 22:42:03 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	3795	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	15465	0.40	ng	0.00
13) Acenaphthene-d10	14.22	164	9972	0.40	ng	0.00
19) Phenanthrene-d10	16.97	188	21793	0.40	ng	0.00
27) Chrysene-d12	21.17	240	22309	0.40	ng	-0.01
34) Perylene-d12	23.35	264	19258	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3428	0.41	ng	0.00
5) Phenol-d6	6.79	99	4667	0.43	ng	0.00
8) Nitrobenzene-d5	8.73	82	4689	0.43	ng	-0.01
11) 2-Methylnaphthalene-d10	11.96	152	10346	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	1769	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	16335	0.45	ng	0.00
25) Fluoranthene-d10	19.01	212	27527	0.42	ng	0.00
29) Terphenyl-d14	19.62	244	24945	0.49	ng	0.00

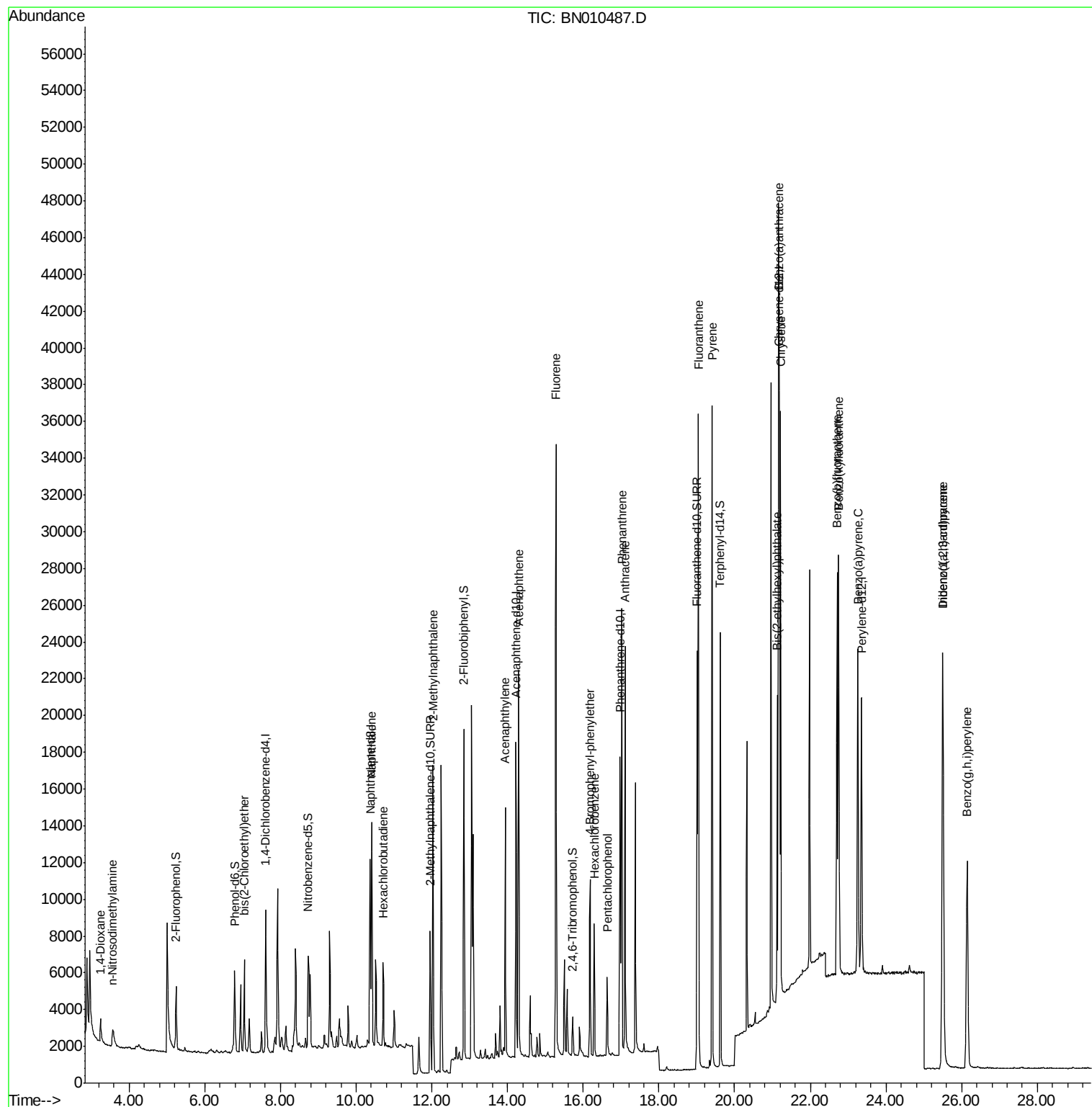
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	1248	0.447	ng	# 93
3) n-Nitrosodimethylamine	3.55	42	868	0.479	ng	# 90
6) bis(2-Chloroethyl)ether	7.04	93	4234	0.450	ng	100
9) Naphthalene	10.41	128	16855	0.439	ng	99
10) Hexachlorobutadiene	10.71	225	3786	0.409	ng	# 98
12) 2-Methylnaphthalene	12.03	142	12225	0.443	ng	98
16) Acenaphthylene	13.95	152	18082	0.420	ng	100
17) Acenaphthene	14.29	154	11905	0.430	ng	97
18) Fluorene	15.28	166	15345	0.423	ng	100
20) 4-Bromophenyl-phenylether	16.18	248	5119	0.423	ng	96
21) Hexachlorobenzene	16.29	284	5941	0.430	ng	98
22) Pentachlorophenol	16.63	266	2337	0.430	ng	97
23) Phenanthrene	17.02	178	26142	0.444	ng	100
24) Anthracene	17.10	178	24142	0.449	ng	100
26) Fluoranthene	19.04	202	32743	0.447	ng	100
28) Pyrene	19.41	202	33581	0.447	ng	99
30) Benzo(a)anthracene	21.16	228	30438	0.418	ng	98
31) Chrysene	21.22	228	31322	0.432	ng	98
32) Bis(2-ethylhexyl)phthalate	21.12	149	14557	0.390	ng	99
33) Indeno(1,2,3-cd)pyrene	25.49	276	27993	0.437	ng	100
35) Benzo(b)fluoranthene	22.70	252	27800	0.438	ng	100
36) Benzo(k)fluoranthene	22.75	252	27812	0.438	ng	99
37) Benzo(a)pyrene	23.26	252	25240	0.450	ng	98
38) Dibenzo(a,h)anthracene	25.51	278	23053	0.449	ng	98
39) Benzo(g,h,i)perylene	26.14	276	23725	0.459	ng	99

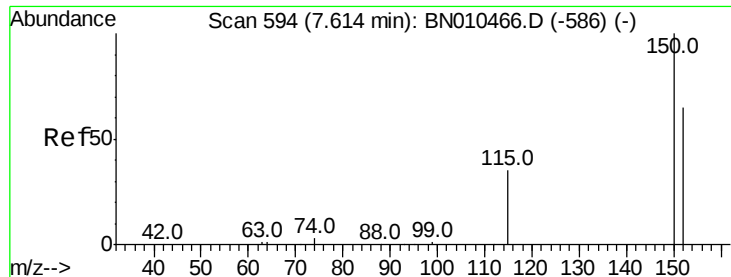
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041420\
Data File : BN010487.D
Acq On : 14 Apr 2020 20:53
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Misc :
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Instrument :
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Quant Time: Apr 14 22:42:03 2020
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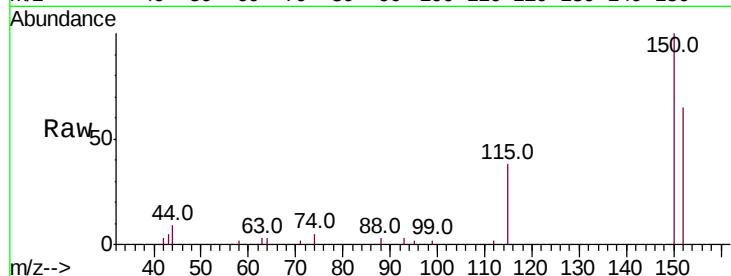


#1

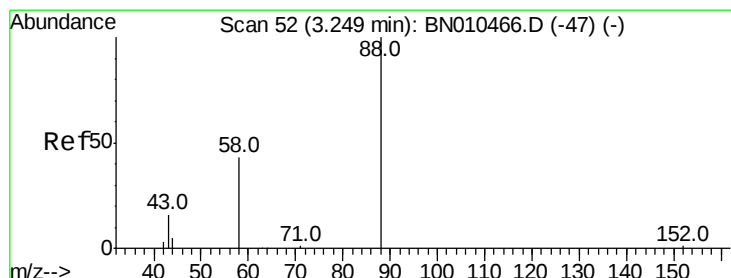
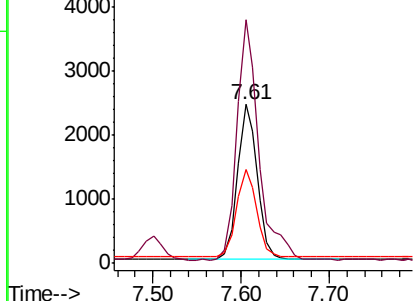
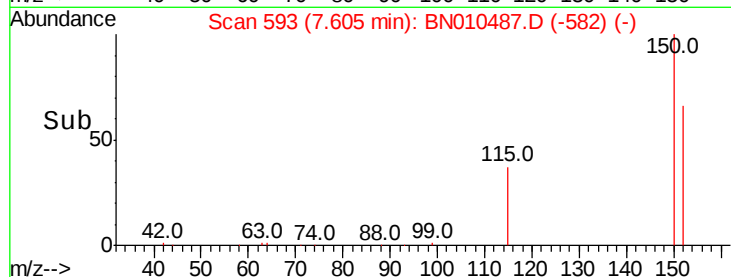
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3795
Ion Ratio Lower Upper
152 100
150 153.5 121.8 182.6
115 58.8 45.5 68.3



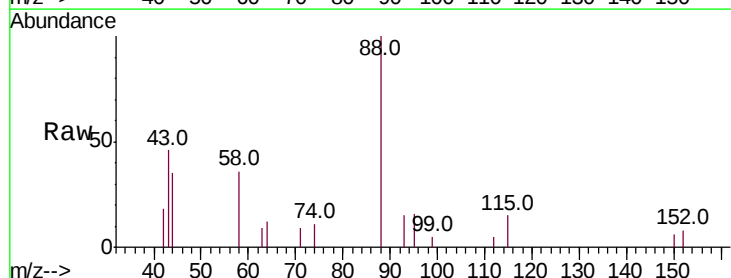
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



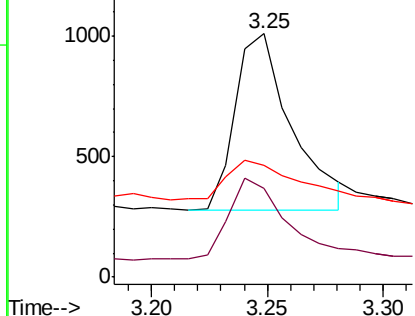
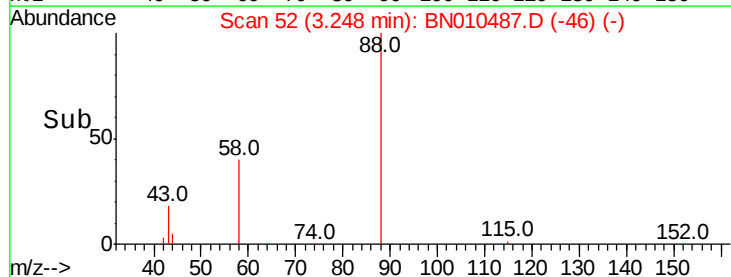
#2

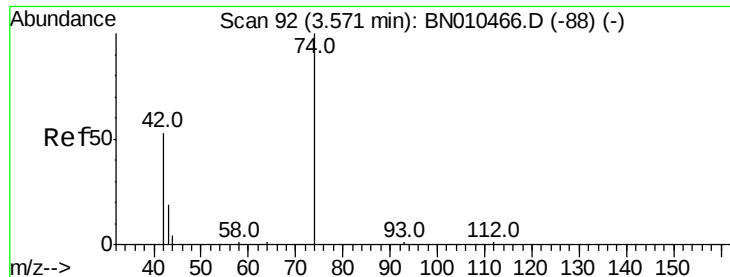
1,4-Dioxane
Concen: 0.447 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.00 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Tgt Ion: 88 Resp: 1248
Ion Ratio Lower Upper
88 100
58 45.4 36.5 54.7
43 26.8 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: 0.479 ng

RT: 3.55 min Scan# 90

Delta R.T. -0.02 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

Instrument :

BNA_N

ClientSampled :

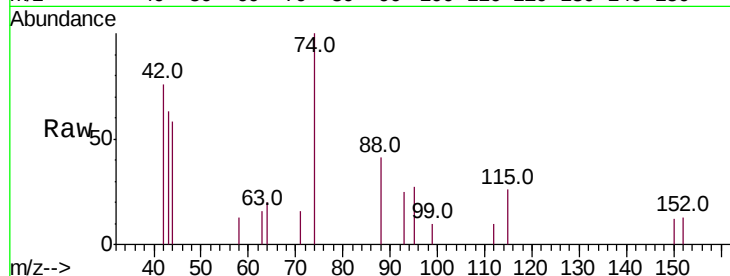
Tot Ion: 42 Resp: 868

Ion Ratio Lower Upper

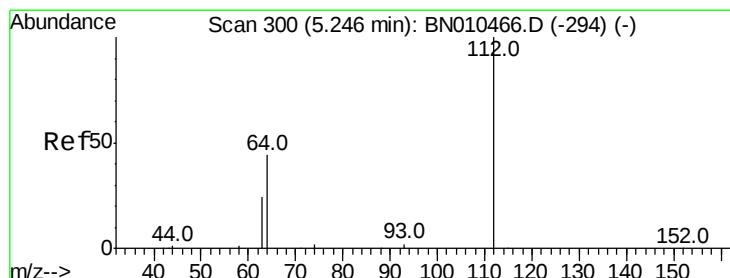
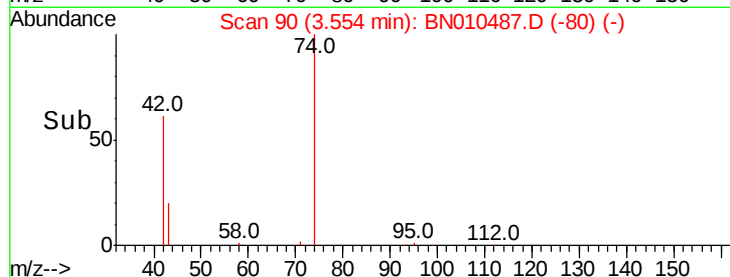
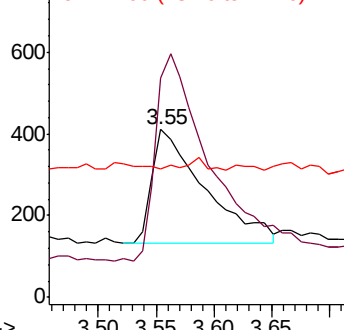
42 100

74 188.2 162.2 243.4

44 0.0 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: 0.412 ng

RT: 5.25 min Scan# 300

Delta R.T. -0.00 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

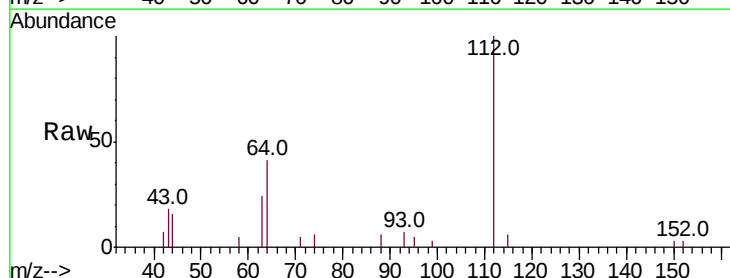
Tgt Ion: 112 Resp: 3428

Ion Ratio Lower Upper

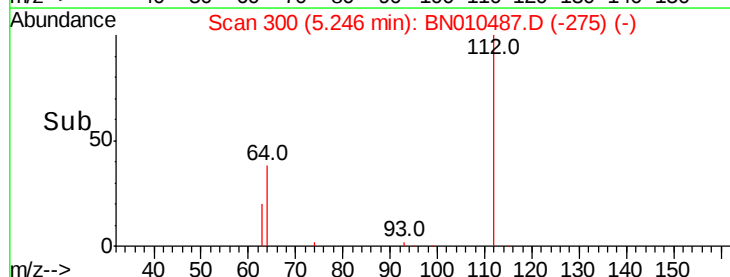
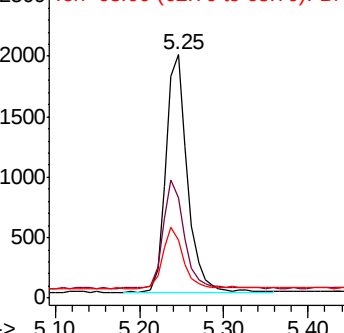
112 100

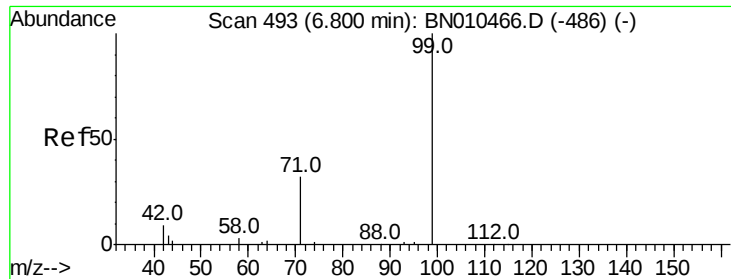
64 46.0 35.8 53.8

63 24.9 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: 0.430 ng

RT: 6.79 min Scan# 492

Delta R.T. -0.01 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

Instrument :

BNA_N

ClientSampleId :

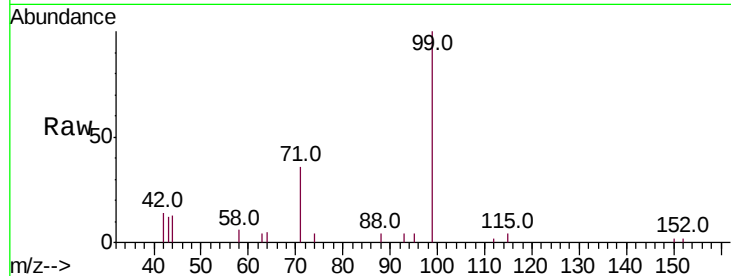
Tot Ion: 99 Resp: 4667

Ion Ratio Lower Upper

99 100

42 13.5 9.8 14.6

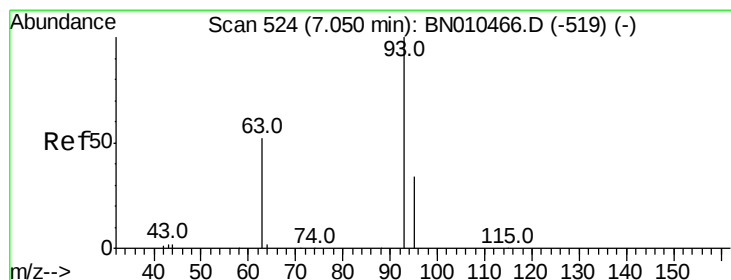
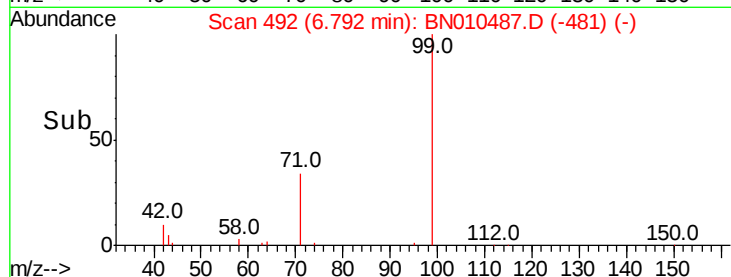
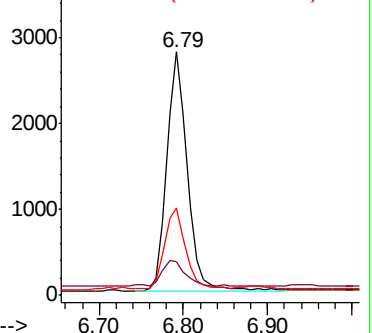
71 33.9 27.8 41.8



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: 0.450 ng

RT: 7.04 min Scan# 523

Delta R.T. -0.01 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

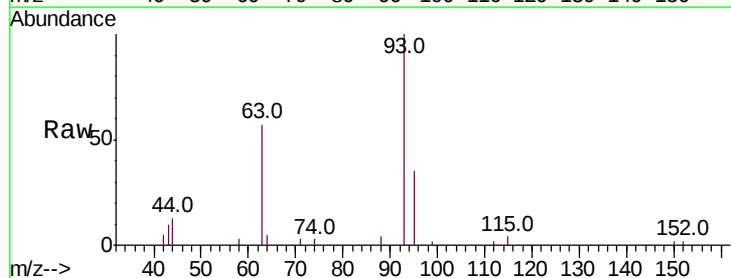
Tgt Ion: 93 Resp: 4234

Ion Ratio Lower Upper

93 100

63 56.0 44.6 66.8

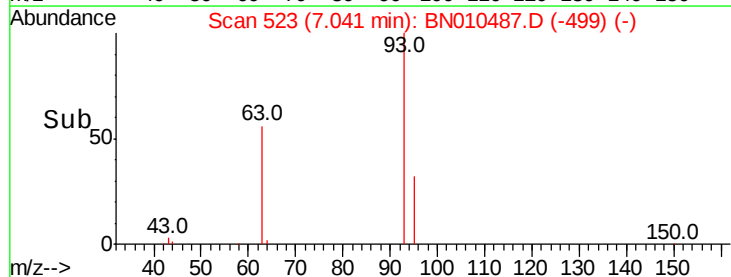
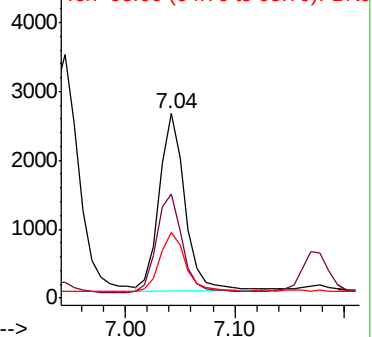
95 33.5 26.5 39.7

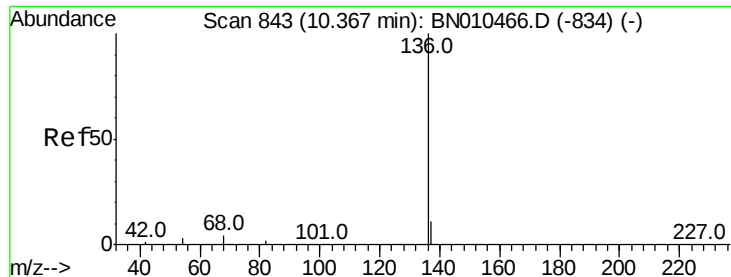


Abundance Ion 93.00 (92.70 to 93.70): BN010466.D (-519) (-)

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: 10.37 min Scan# 843

Delta R.T. -0.00 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

Instrument :

BNA_N

ClientSampled :

Tot Ion:136 Resp: 15465

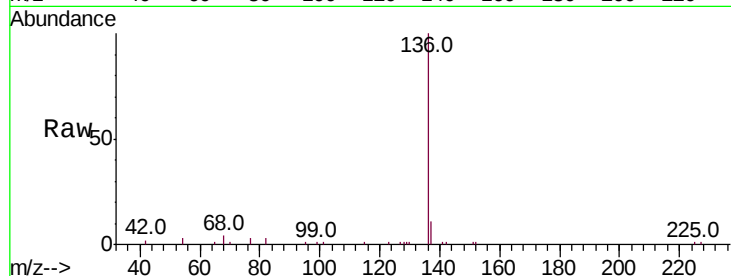
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 3.2 2.6 4.0

68 3.9 3.4 5.2

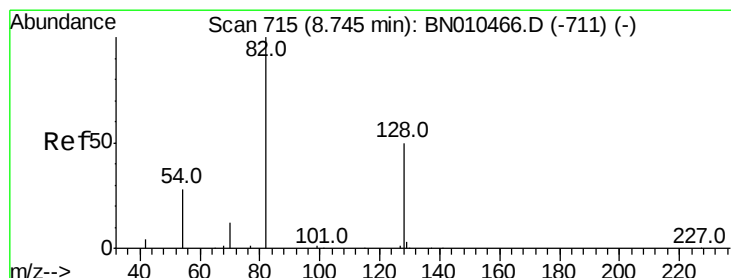
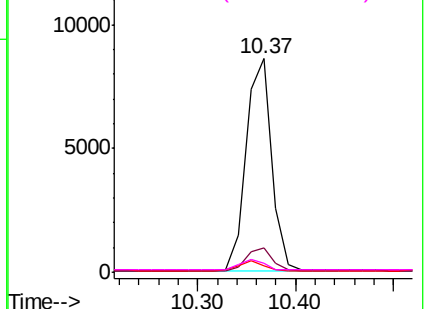
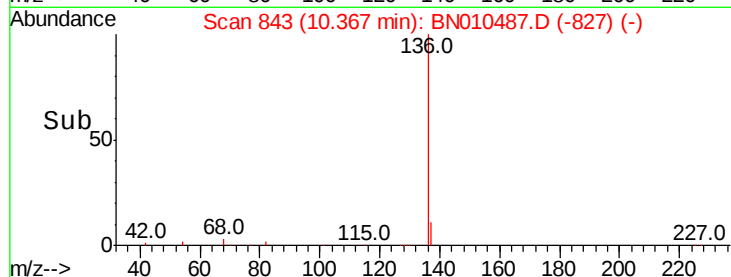


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.434 ng

RT: 8.73 min Scan# 714

Delta R.T. -0.01 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

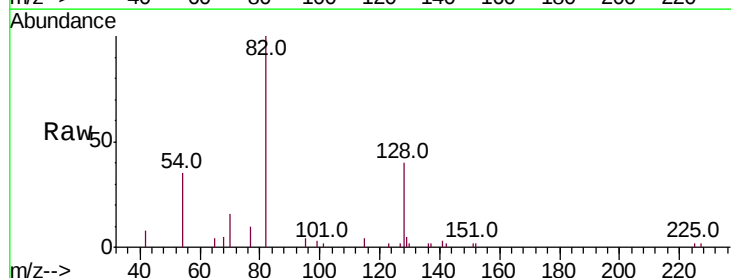
Tgt Ion: 82 Resp: 4689

Ion Ratio Lower Upper

82 100

128 39.5 41.3 61.9#

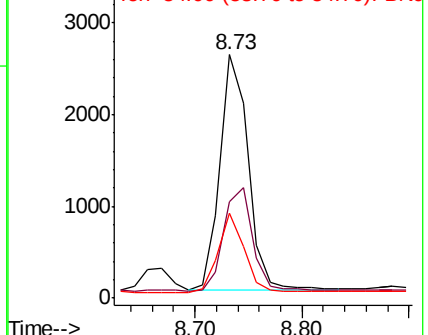
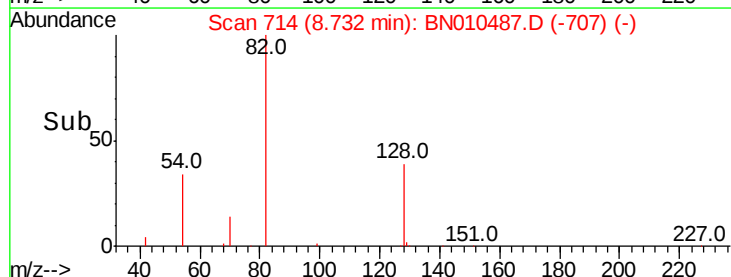
54 35.1 23.4 35.0#

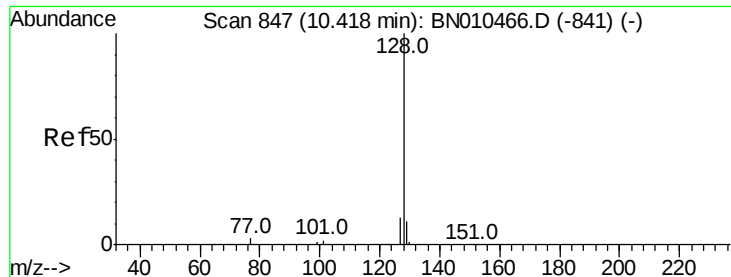


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.439 ng

RT: 10.41 min Scan# 846

Delta R.T. -0.01 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

Instrument :

BNA_N

ClientSampleId :

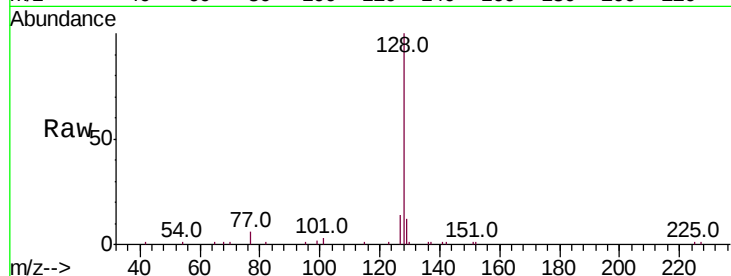
Tot Ion:128 Resp: 16855

Ion Ratio Lower Upper

128 100

129 11.5 9.3 13.9

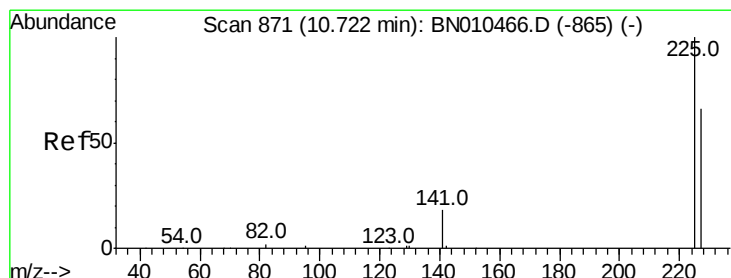
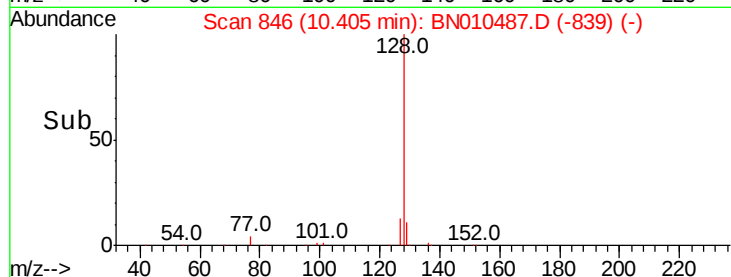
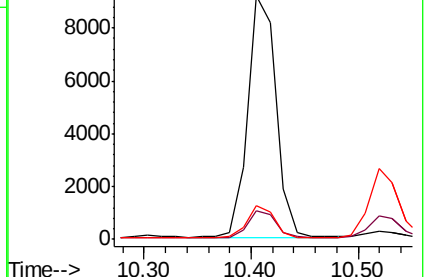
127 14.0 10.5 15.7



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: 0.409 ng

RT: 10.71 min Scan# 870

Delta R.T. -0.01 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

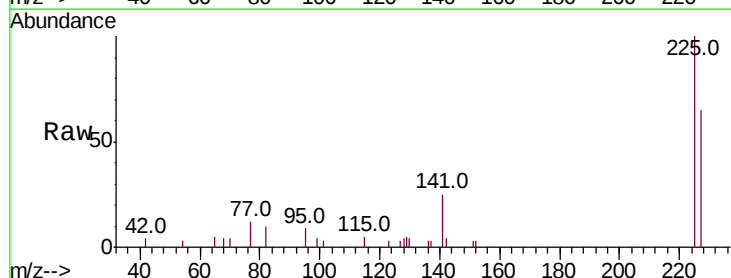
Tgt Ion:225 Resp: 3786

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

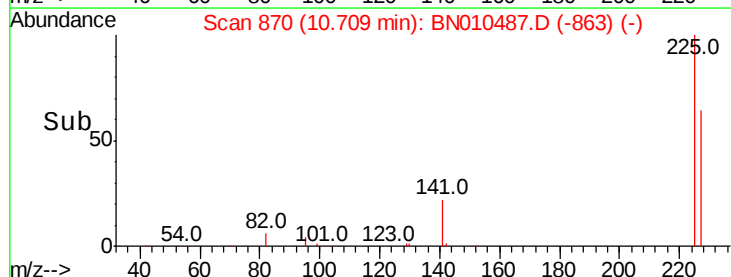
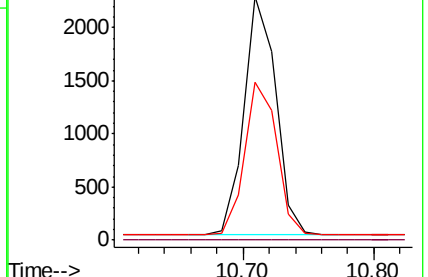
227 65.1 50.6 76.0

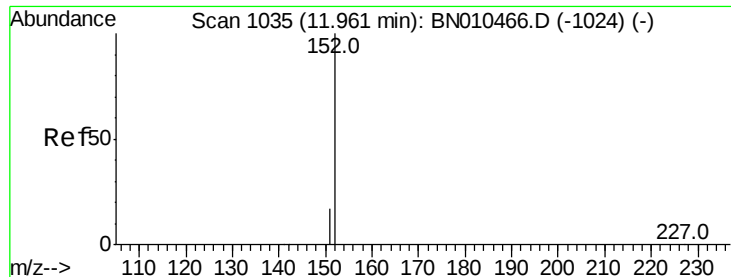


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.407 ng

RT: 11.96 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

Instrument :

BNA_N

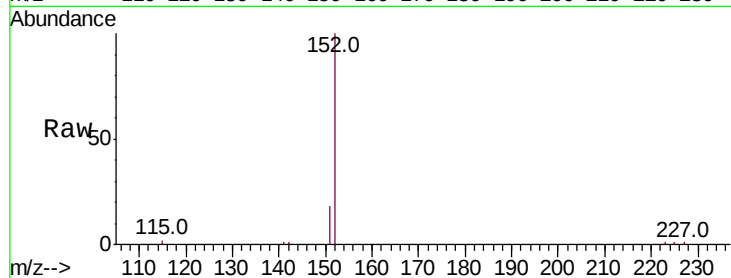
ClientSampleId :

Tot Ion:152 Resp: 10346

Ion Ratio Lower Upper

152 100

151 19.4 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.96

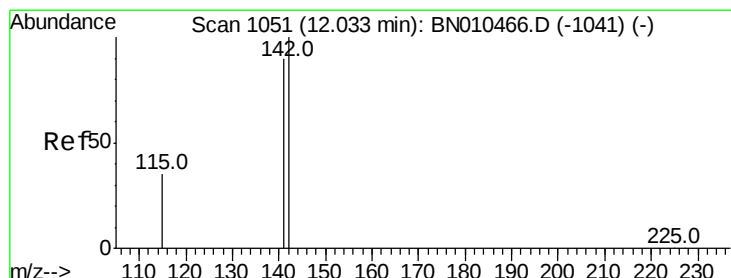
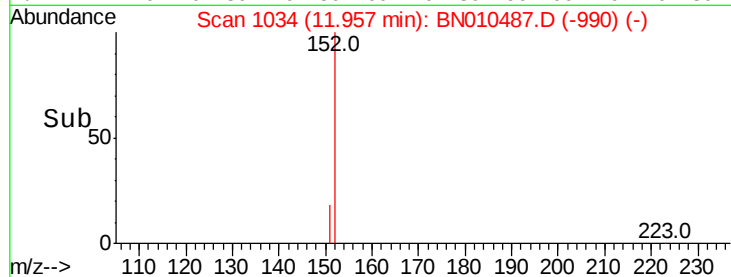
6000

4000

2000

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.443 ng

RT: 12.03 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

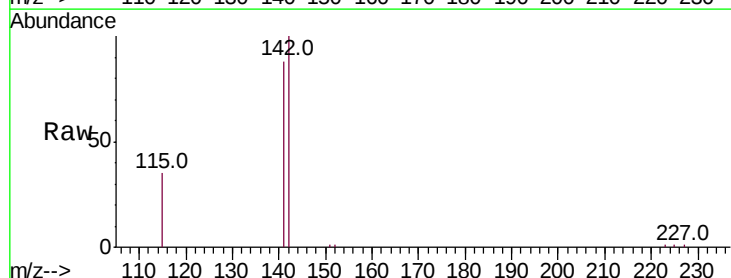
Tgt Ion:142 Resp: 12225

Ion Ratio Lower Upper

142 100

141 88.0 71.9 107.9

115 34.7 28.8 43.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.03

10000

8000

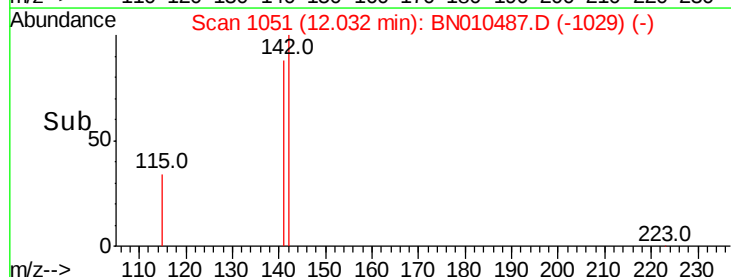
6000

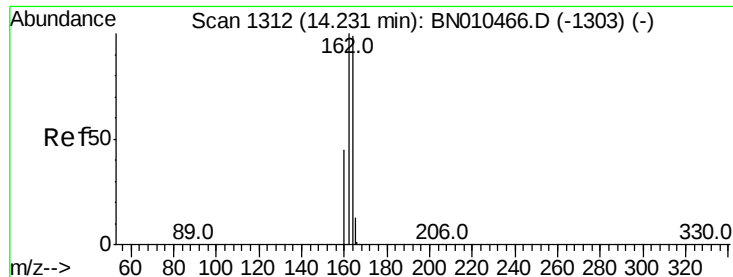
4000

2000

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.22 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

Instrument :

BNA_N

ClientSampleId :

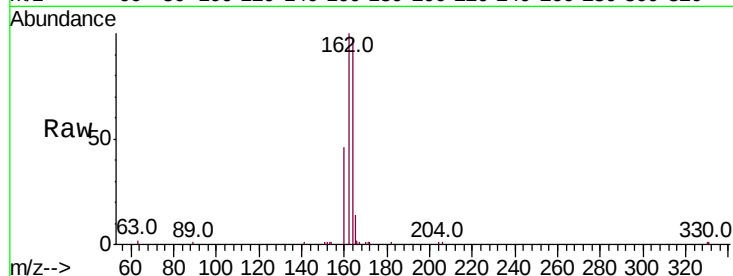
Tot Ion:164 Resp: 9972

Ion Ratio Lower Upper

164 100

162 102.6 80.6 121.0

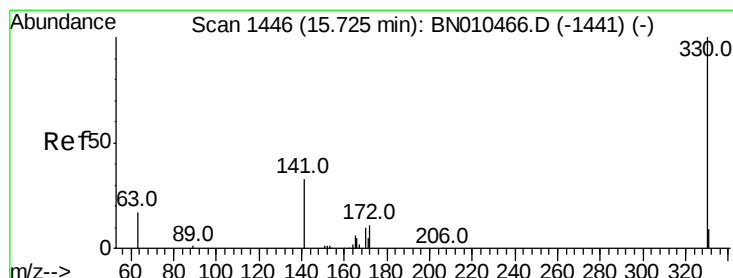
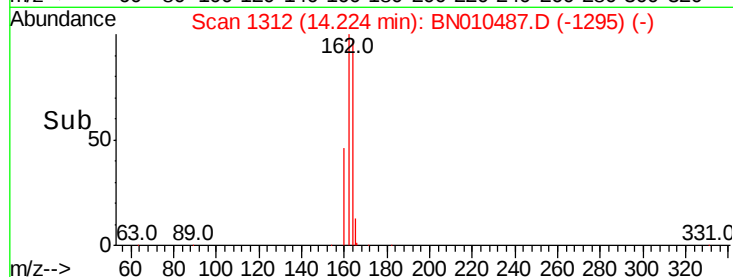
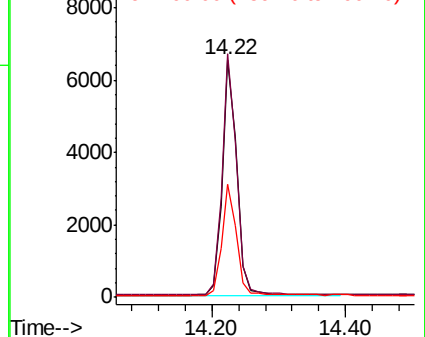
160 47.6 36.5 54.7



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: 0.376 ng

RT: 15.72 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

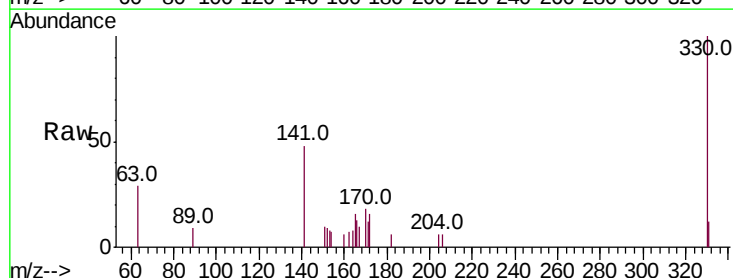
Tgt Ion:330 Resp: 1769

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

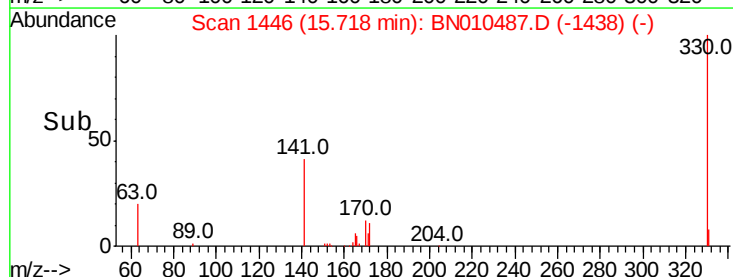
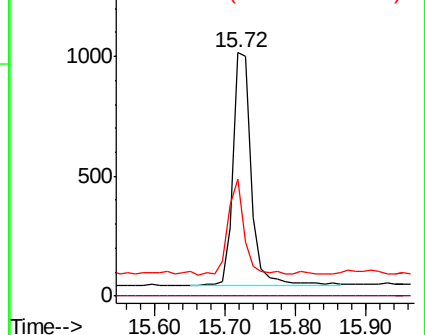
141 36.8 28.1 42.1

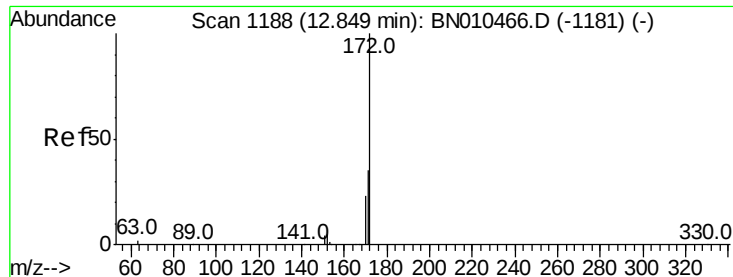


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.450 ng

RT: 12.84 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

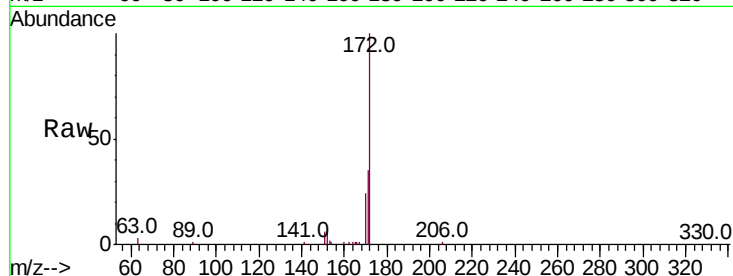
Instrument :

BNA_N

ClientSampled :

Tot Ion:172 Resp: 16335

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	24.0	18.4	27.6

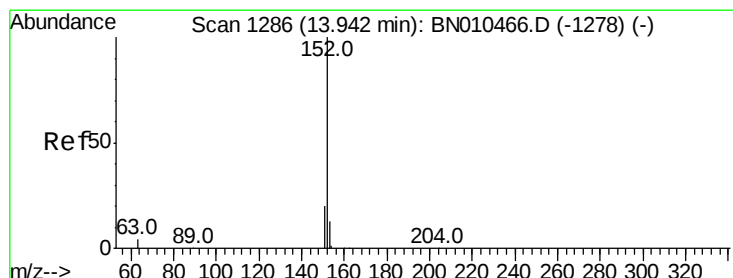
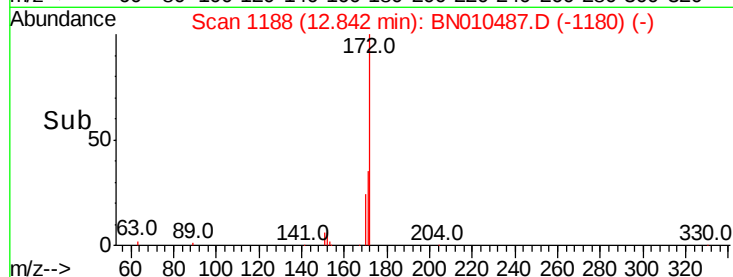
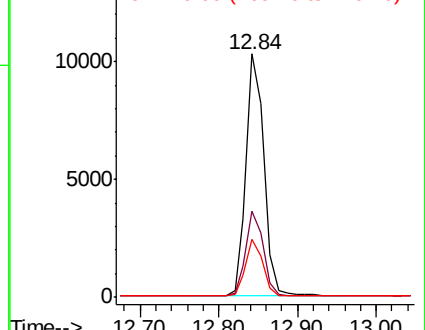


Abundance

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: 0.420 ng

RT: 13.95 min Scan# 1287

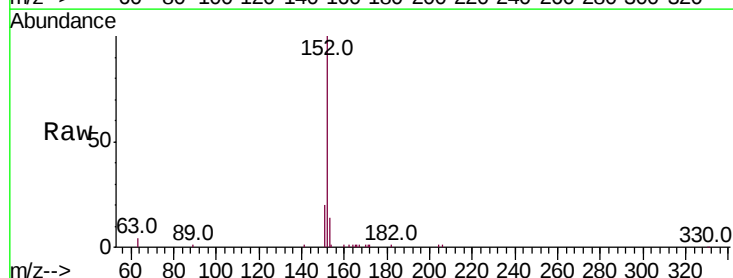
Delta R.T. 0.00 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

Tgt Ion:152 Resp: 18082

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.3	10.6	15.8

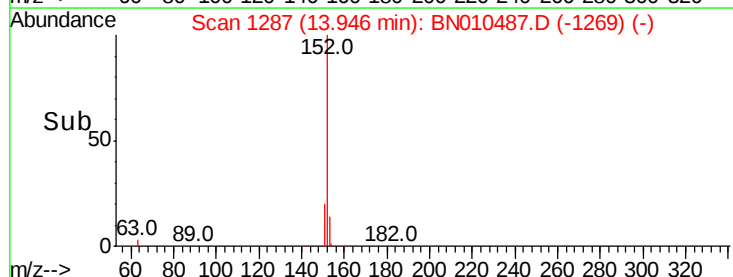
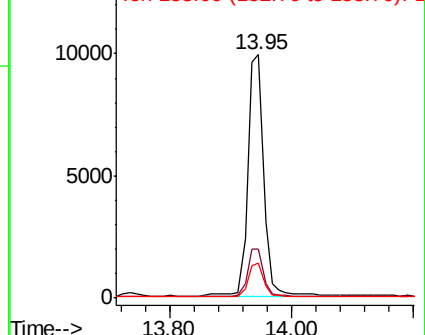


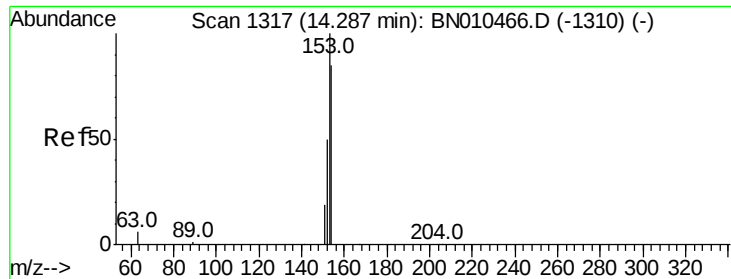
Abundance

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: 0.430 ng

RT: 14.29 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

Instrument :

BNA_N

ClientSampleId :

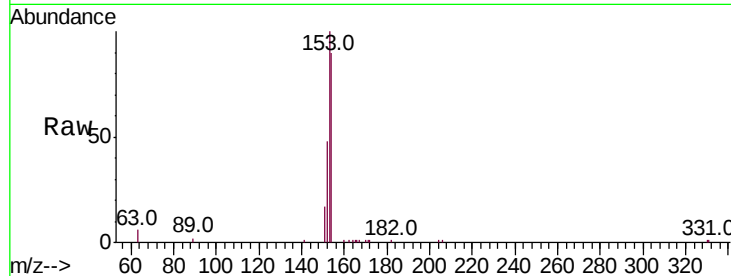
Tot Ion:154 Resp: 11905

Ion Ratio Lower Upper

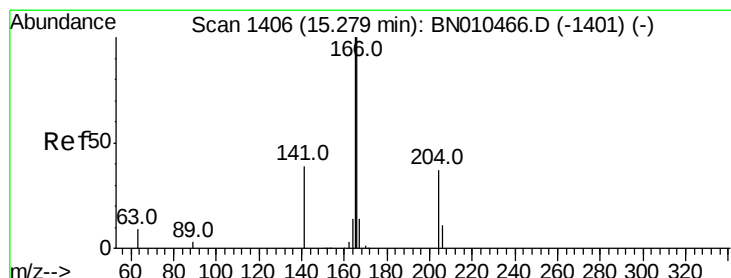
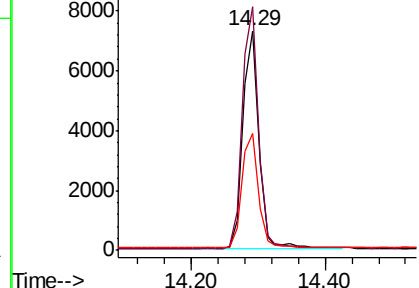
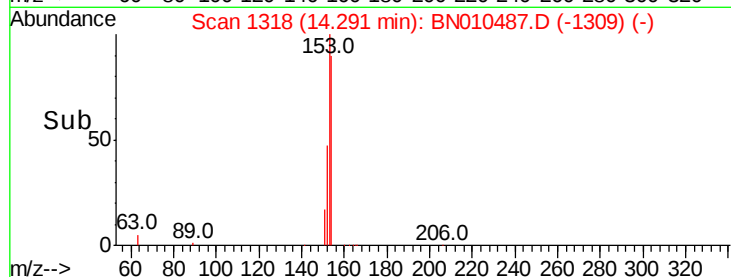
154 100

153 110.4 91.0 136.4

152 53.8 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: 0.423 ng

RT: 15.28 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

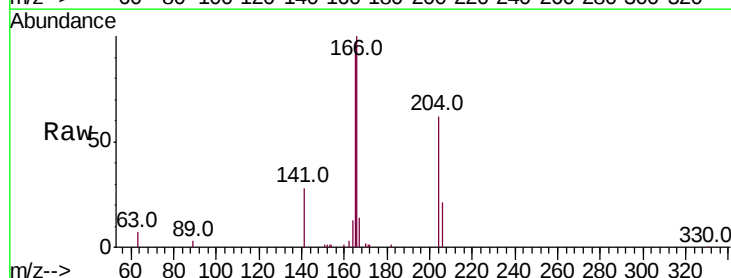
Tgt Ion:166 Resp: 15345

Ion Ratio Lower Upper

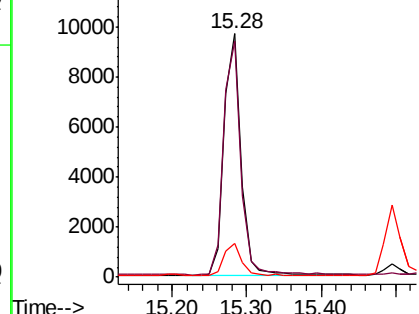
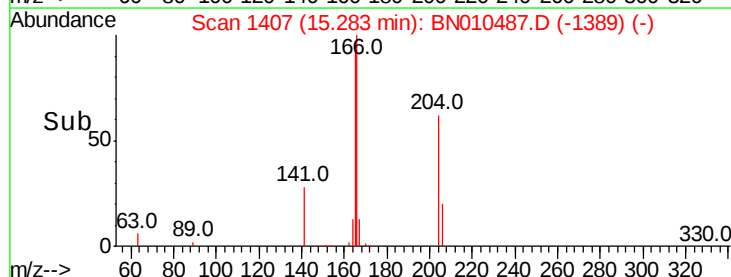
166 100

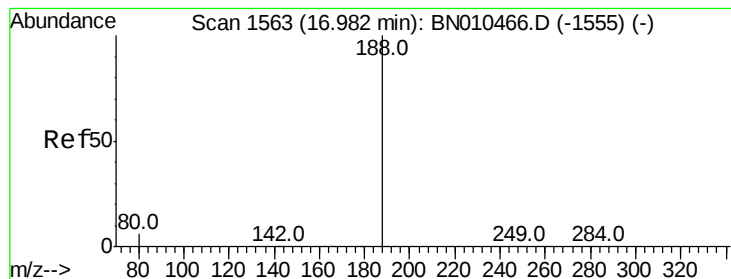
165 98.2 78.4 117.6

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: BN010487.D

Acq: 14 Apr 2020 20:53

Instrument :

BNA_N

ClientSampleId :

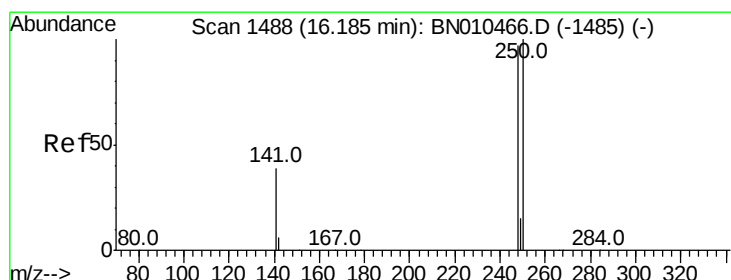
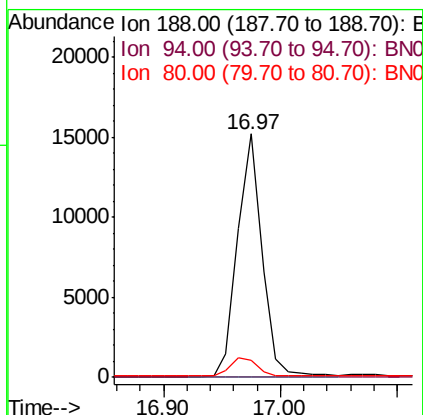
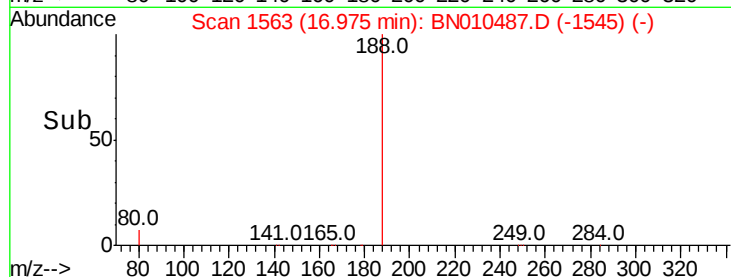
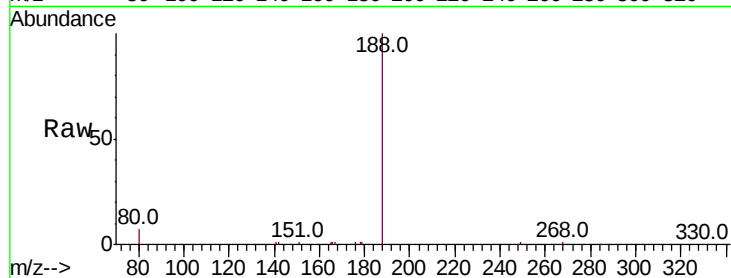
Tot Ion:188 Resp: 21793

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.2 5.0 7.6



#20

4-Bromophenyl-phenylether

Concen: 0.423 ng

RT: 16.18 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

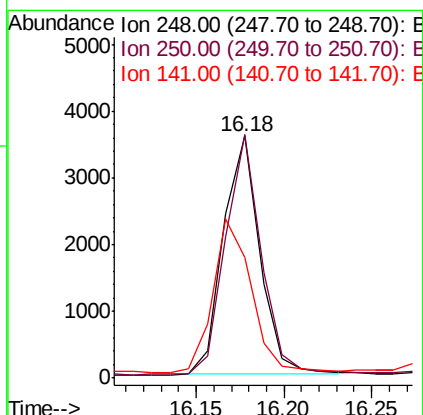
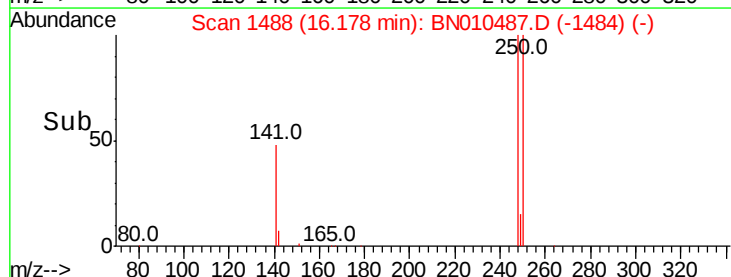
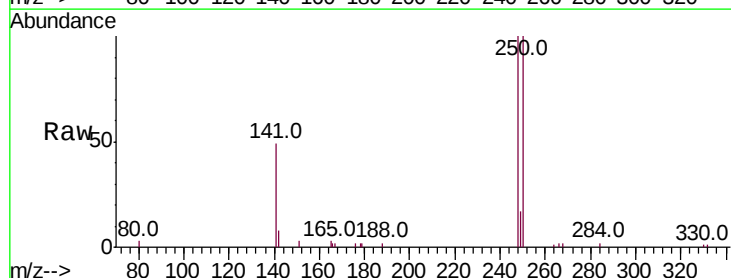
Tgt Ion:248 Resp: 5119

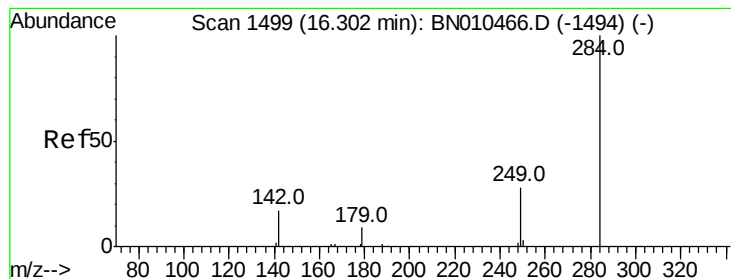
Ion Ratio Lower Upper

248 100

250 100.5 82.3 123.5

141 49.7 35.2 52.8





#21

Hexachlorobenzene

Concen: 0.430 ng

RT: 16.29 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

Instrument :

BNA_N

ClientSampled :

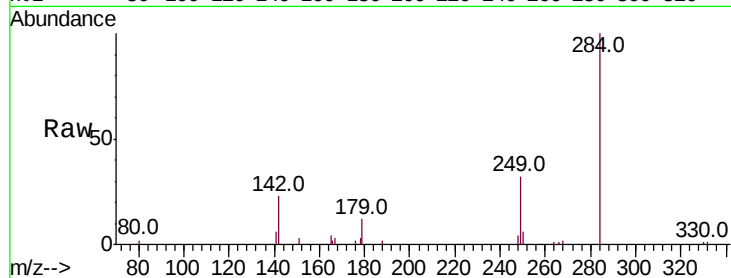
Tot Ion:284 Resp: 5941

Ion Ratio Lower Upper

284 100

142 33.1 25.5 38.3

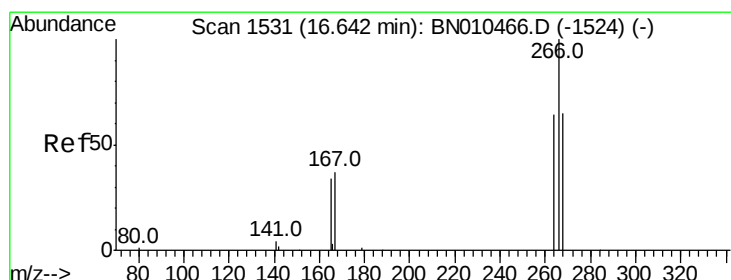
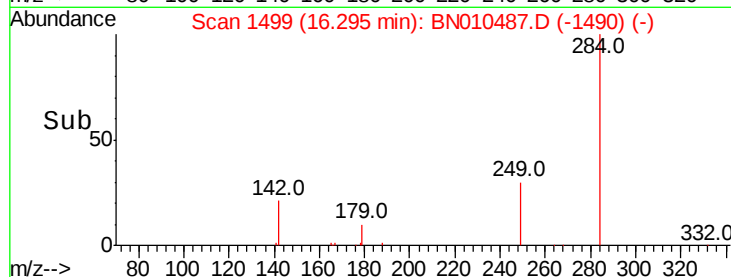
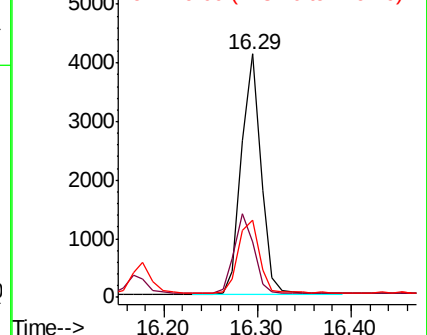
249 32.7 25.8 38.6



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: 0.430 ng

RT: 16.63 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

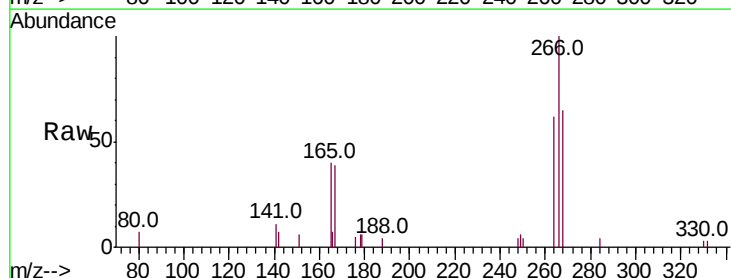
Tgt Ion:266 Resp: 2337

Ion Ratio Lower Upper

266 100

264 62.2 51.8 77.6

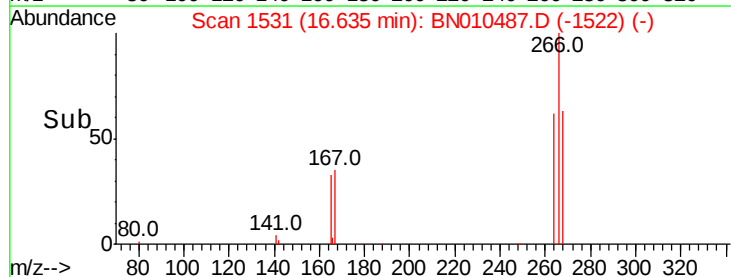
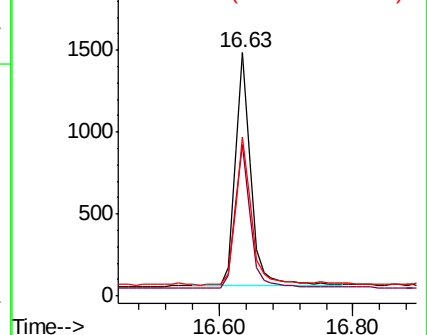
268 65.3 53.7 80.5

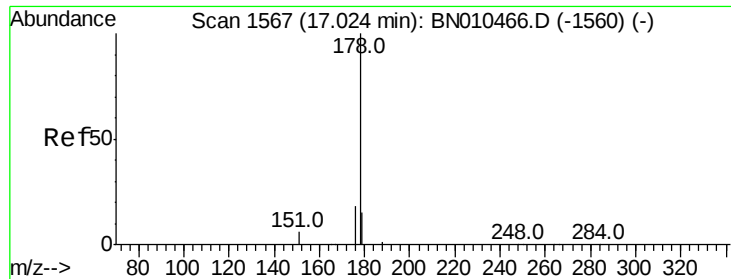


Abundance Ion 266.00 (265.70 to 266.70): E

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: BN010487.D

Acq: 14 Apr 2020 20:53

Instrument :

BNA_N

ClientSampleId :

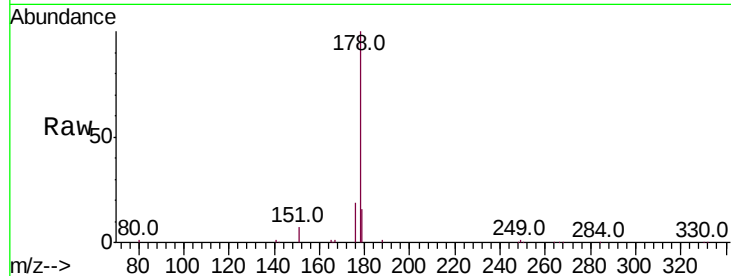
Tot Ion:178 Resp: 26142

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

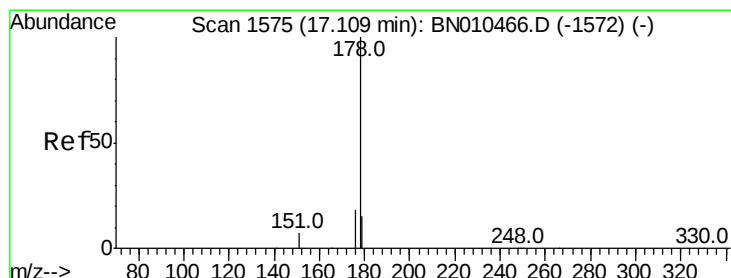
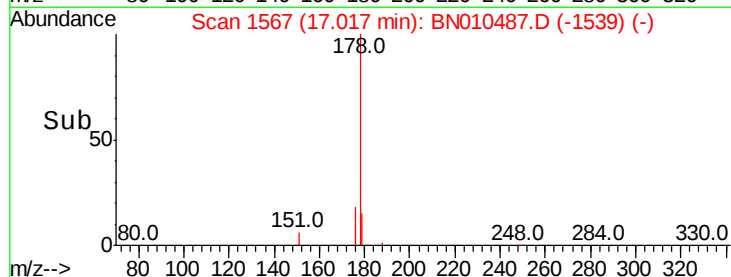
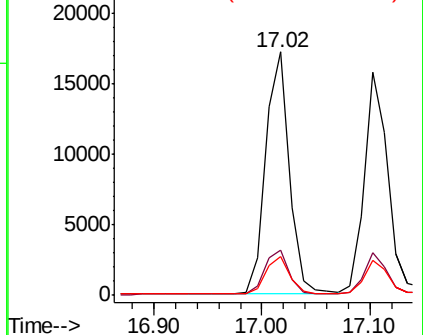
179 15.5 12.6 18.8



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: 0.449 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

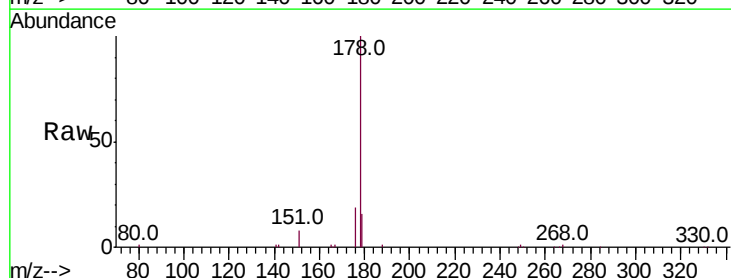
Tgt Ion:178 Resp: 24142

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

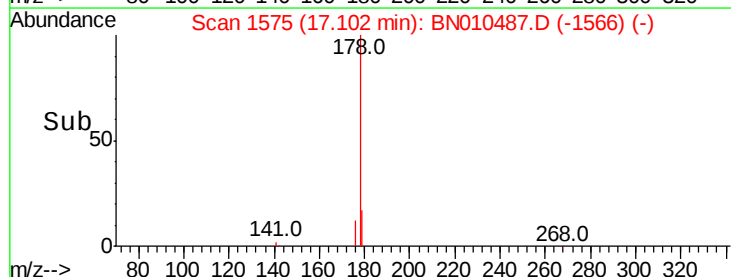
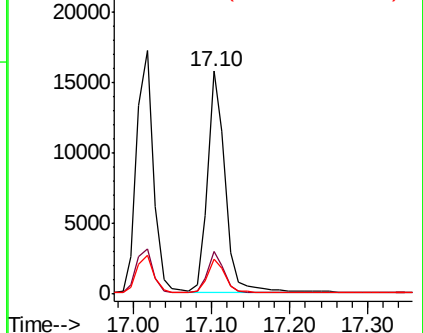
179 15.1 12.2 18.2

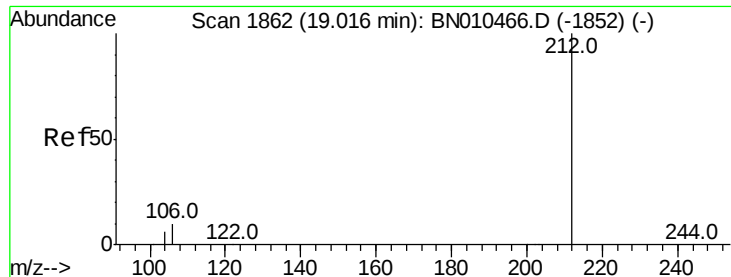


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.417 ng

RT: 19.01 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

Instrument :

BNA_N

ClientSampleId :

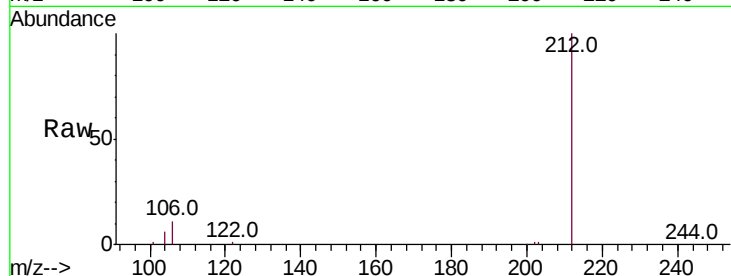
Tot Ion:212 Resp: 27527

Ion Ratio Lower Upper

212 100

106 10.0 7.8 11.6

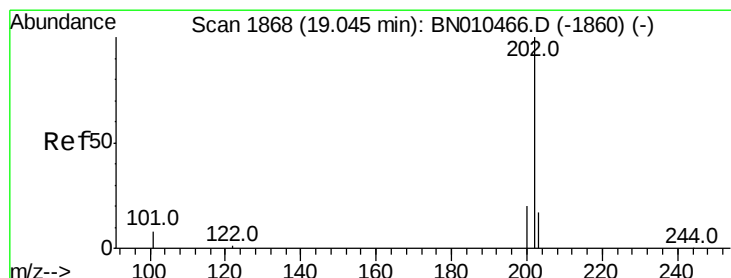
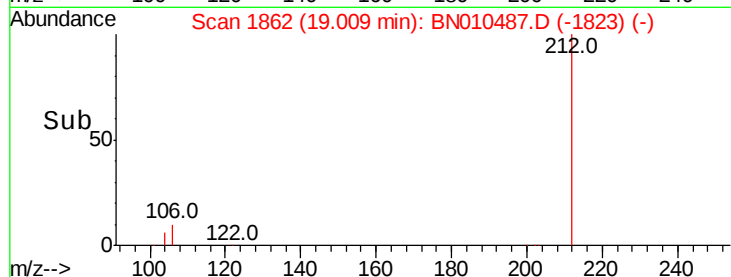
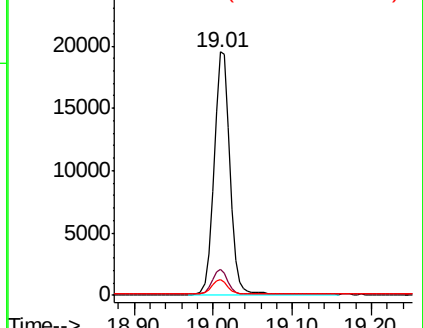
104 5.8 4.5 6.7



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: 0.447 ng

RT: 19.04 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

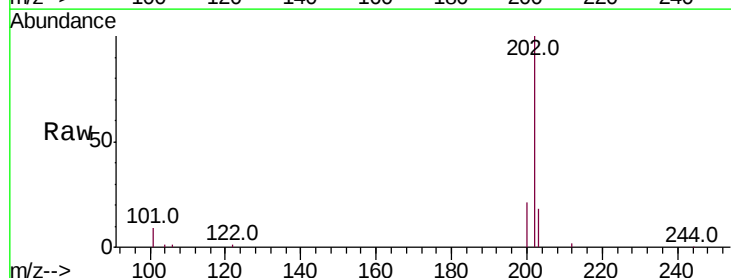
Tgt Ion:202 Resp: 32743

Ion Ratio Lower Upper

202 100

101 8.6 6.9 10.3

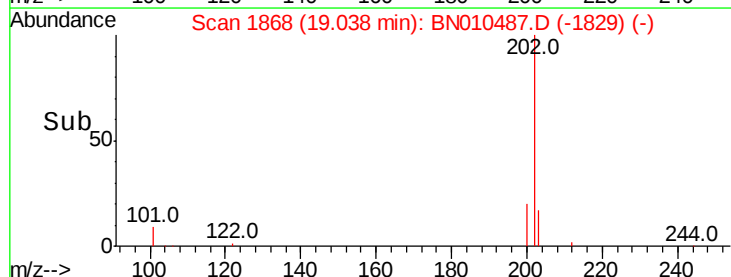
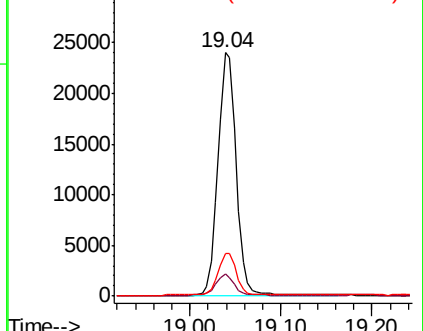
203 17.4 13.9 20.9

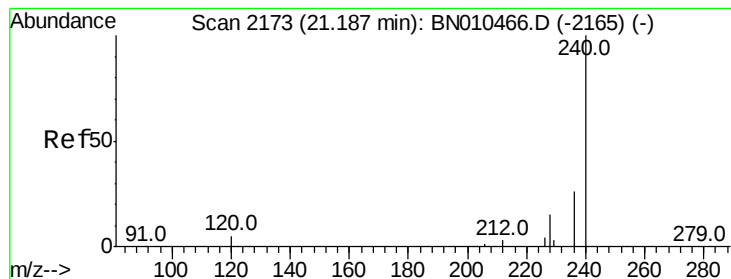


Abundance Ion 202.00 (201.70 to 202.70): E

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: BN010487.D

Acq: 14 Apr 2020 20:53

Instrument :

BNA_N

ClientSampleId :

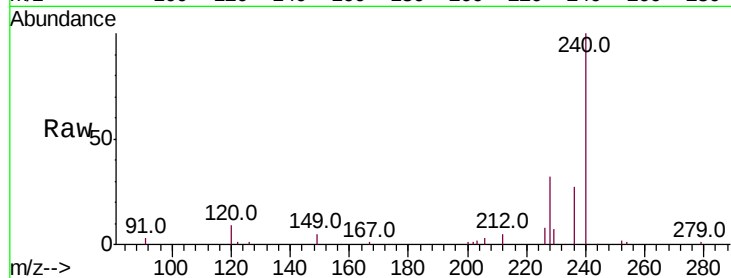
Tot Ion:240 Resp: 22309

Ion Ratio Lower Upper

240 100

120 9.4 4.8 7.2#

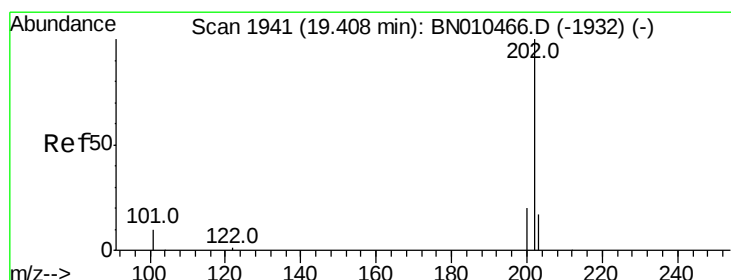
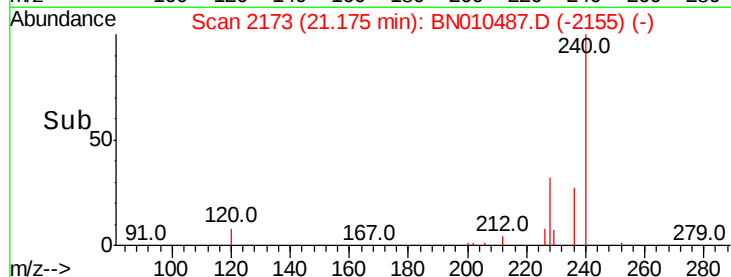
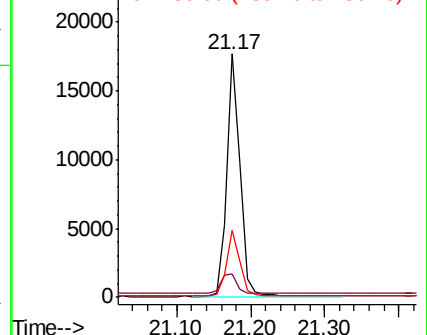
236 27.3 21.4 32.0



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: 0.447 ng

RT: 19.41 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

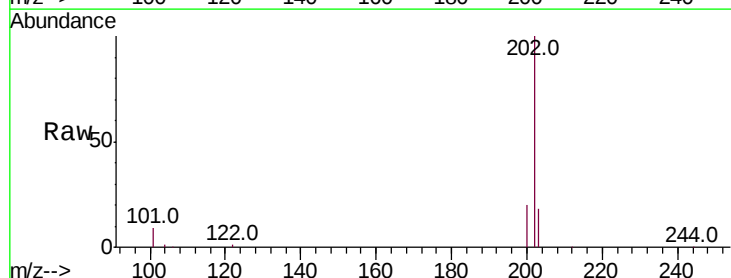
Tgt Ion:202 Resp: 33581

Ion Ratio Lower Upper

202 100

200 20.2 16.3 24.5

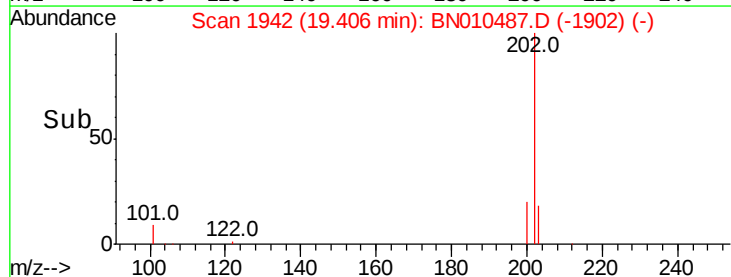
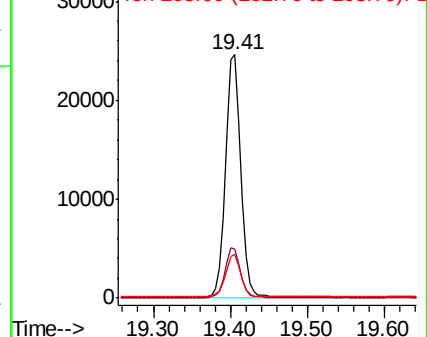
203 18.1 14.0 21.0

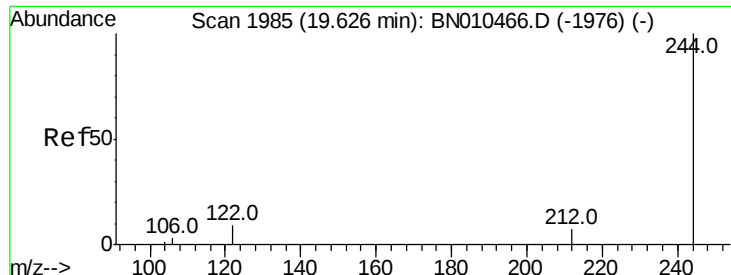


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.489 ng

RT: 19.62 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

Instrument :

BNA_N

ClientSampled :

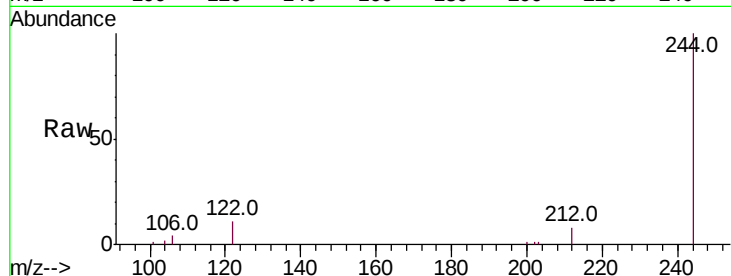
Tot Ion:244 Resp: 24945

Ion Ratio Lower Upper

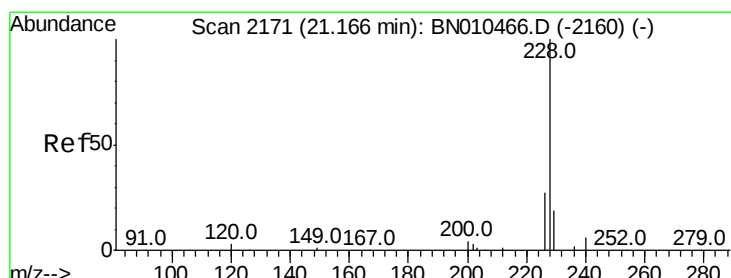
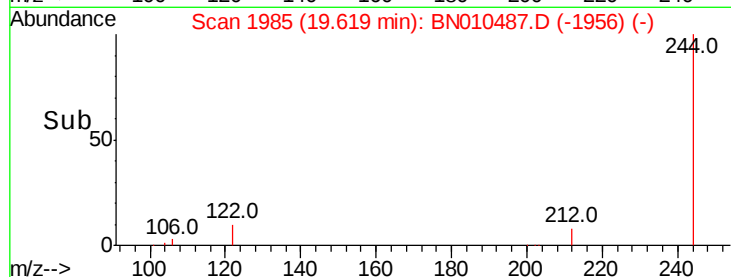
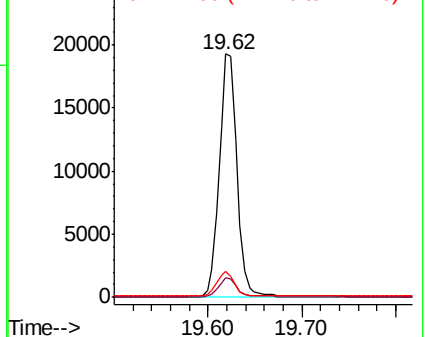
244 100

212 8.2 6.2 9.4

122 10.6 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: 0.418 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

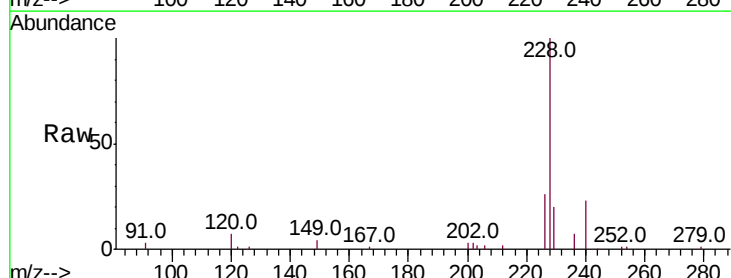
Tgt Ion:228 Resp: 30438

Ion Ratio Lower Upper

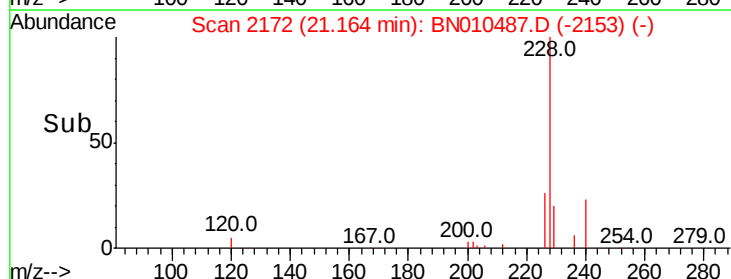
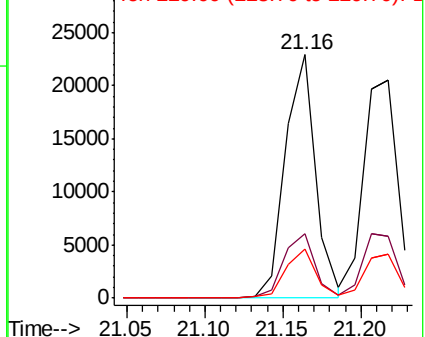
228 100

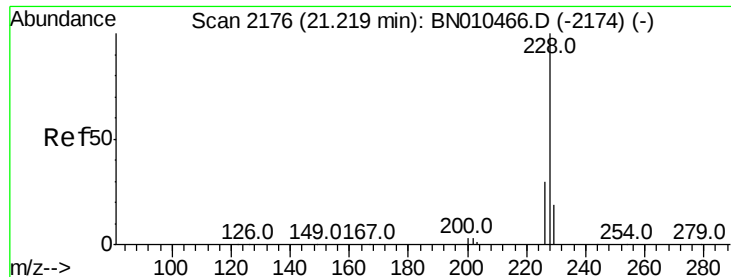
226 26.2 21.7 32.5

229 20.2 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: 0.432 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

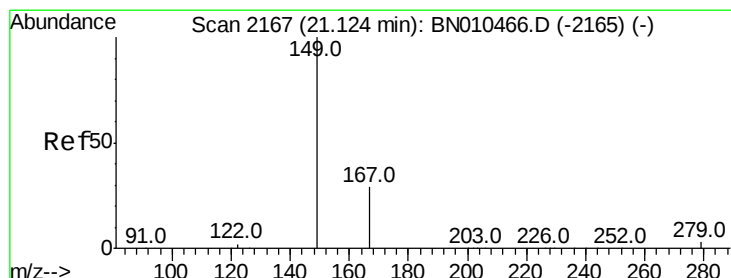
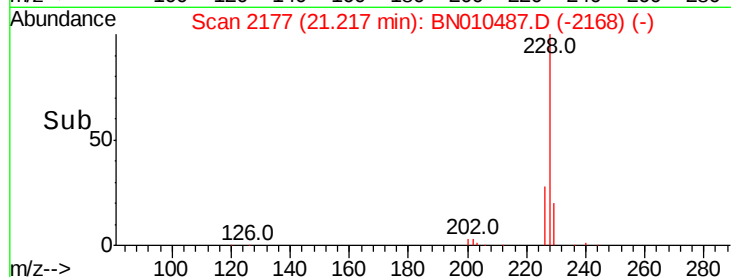
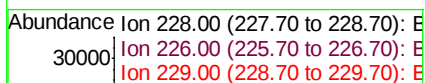
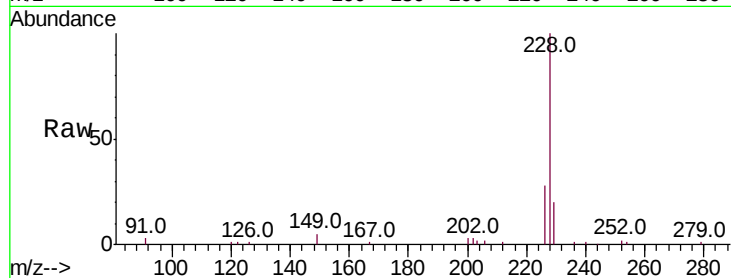
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 31322

Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.0	36.0
229	20.2	15.8	23.6



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.390 ng

RT: 21.12 min Scan# 2168

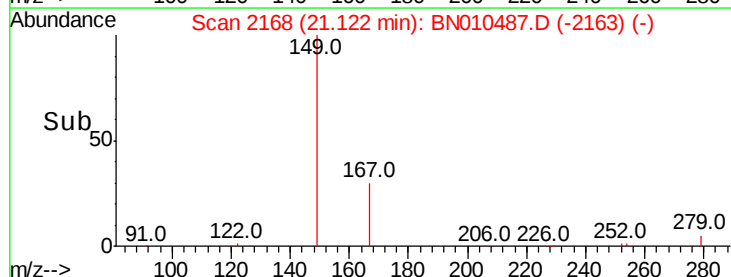
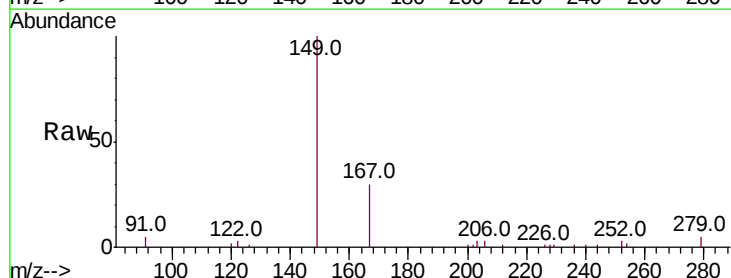
Delta R.T. -0.00 min

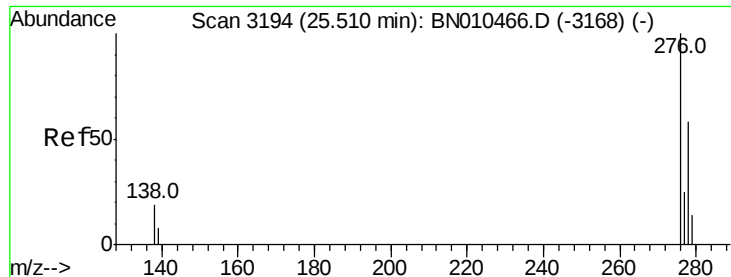
Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

Tgt Ion:149 Resp: 14557

Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.4	35.0
279	4.9	4.0	6.0





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.437 ng

RT: 25.49 min Scan# 3191

Delta R.T. -0.02 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

Instrument :

BNA_N

ClientSampleId :

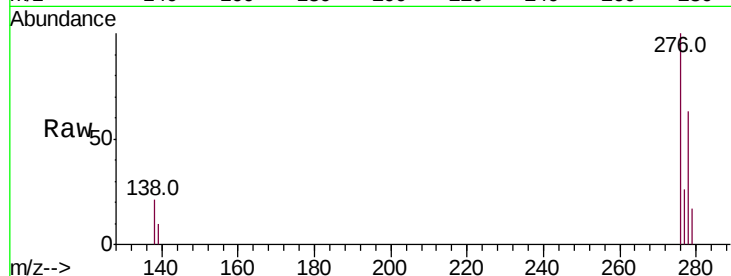
Tot Ion:276 Resp: 27993

Ion Ratio Lower Upper

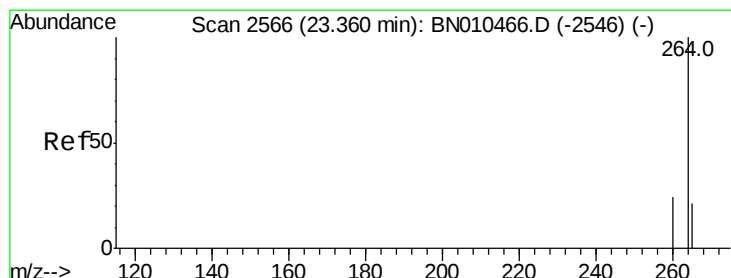
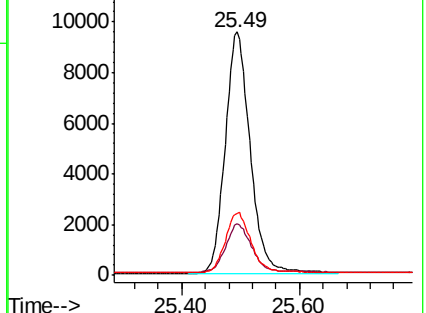
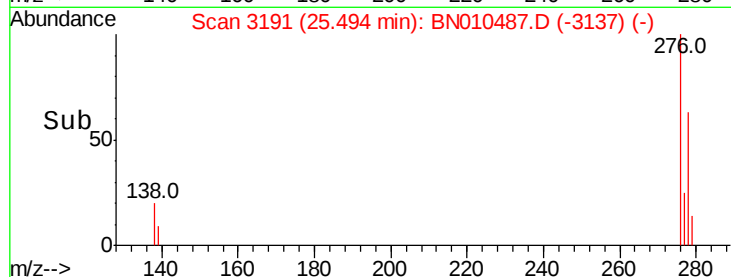
276 100

138 20.9 16.4 24.6

277 24.7 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# 2565

Delta R.T. -0.01 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

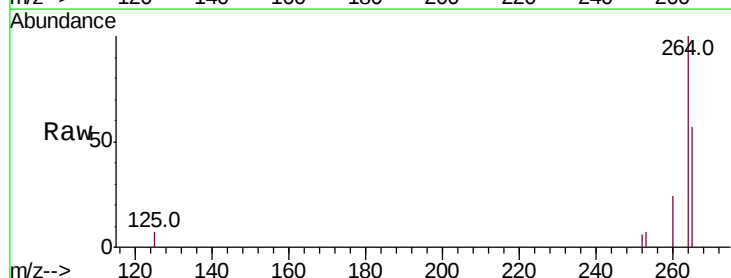
Tgt Ion:264 Resp: 19258

Ion Ratio Lower Upper

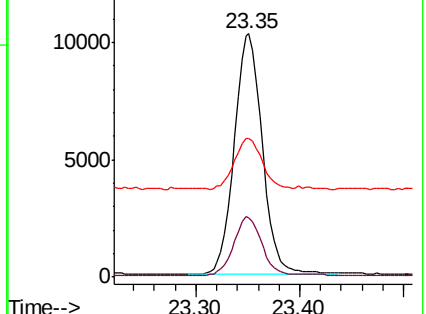
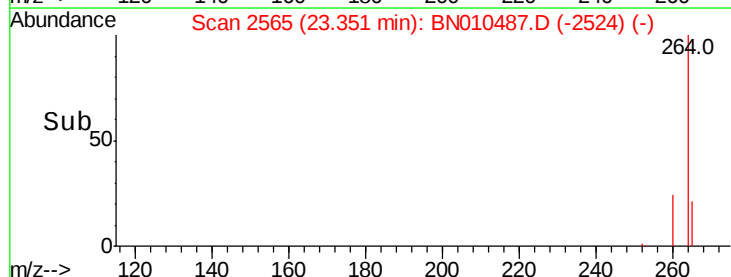
264 100

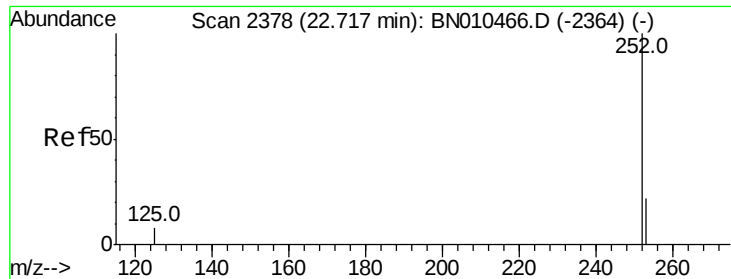
260 24.2 19.8 29.8

265 57.2 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

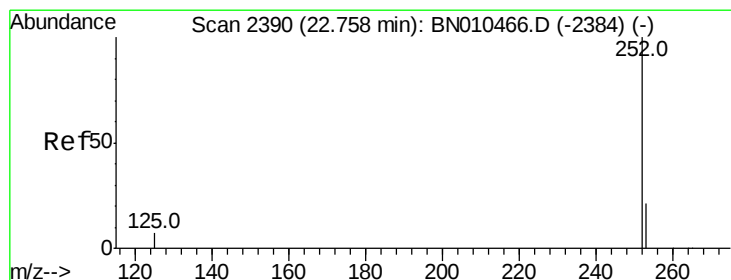
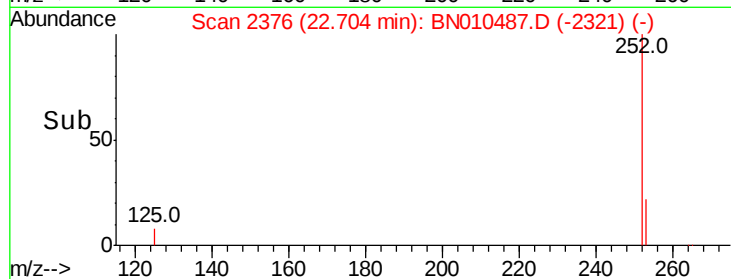
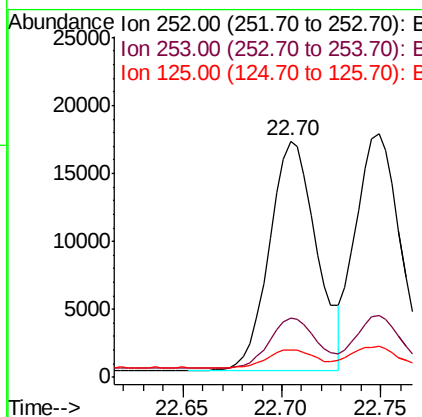
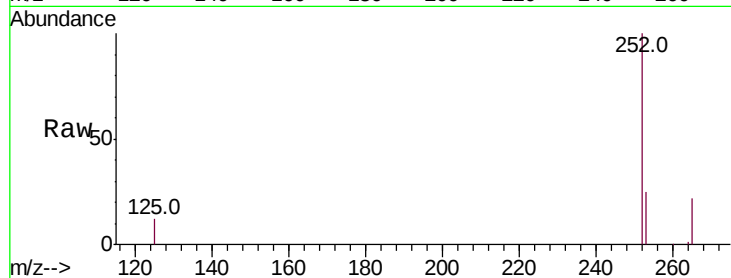




#35
Benzo(b)fluoranthene
Concen: 0.438 ng
RT: 22.70 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

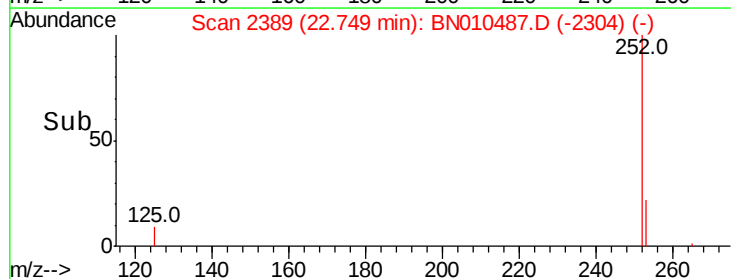
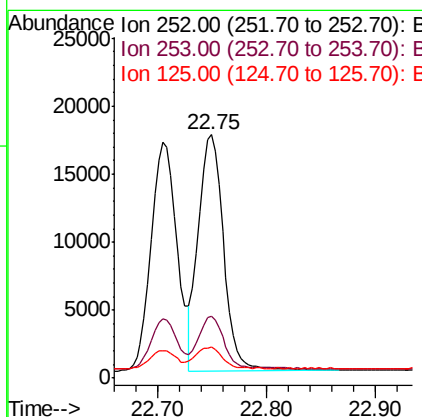
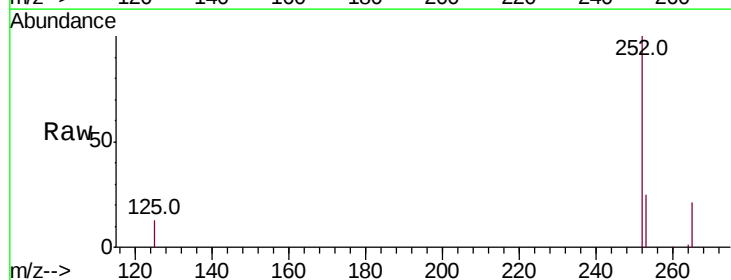
Instrument :
BNA_N
ClientSampled :

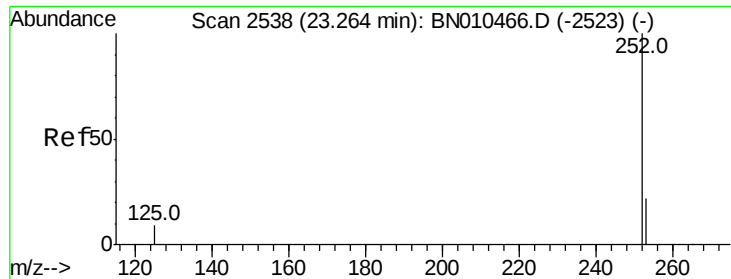
Tot Ion:252 Resp: 27800
Ion Ratio Lower Upper
252 100
253 25.1 20.2 30.4
125 11.7 9.2 13.8



#36
Benzo(k)fluoranthene
Concen: 0.438 ng
RT: 22.75 min Scan# 2389
Delta R.T. -0.01 min
Lab File: BN010487.D
Acq: 14 Apr 2020 20:53

Tgt Ion:252 Resp: 27812
Ion Ratio Lower Upper
252 100
253 25.4 20.1 30.1
125 12.7 9.6 14.4





#37

Benzo(a)pyrene

Concen: 0.450 ng

RT: 23.26 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

Instrument :

BNA_N

ClientSampleId :

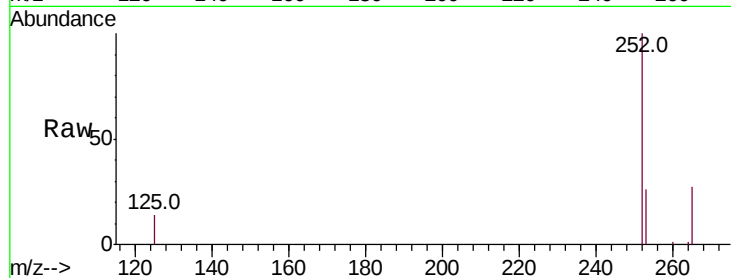
Tot Ion:252 Resp: 25240

Ion Ratio Lower Upper

252 100

253 25.6 21.8 32.8

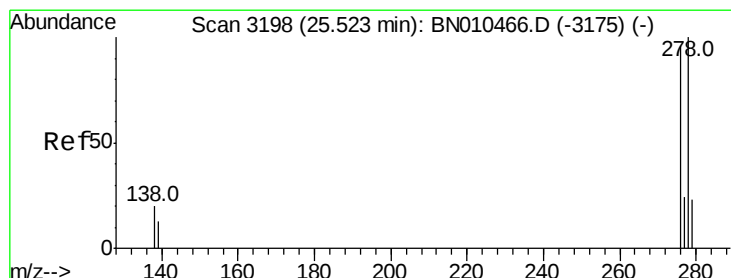
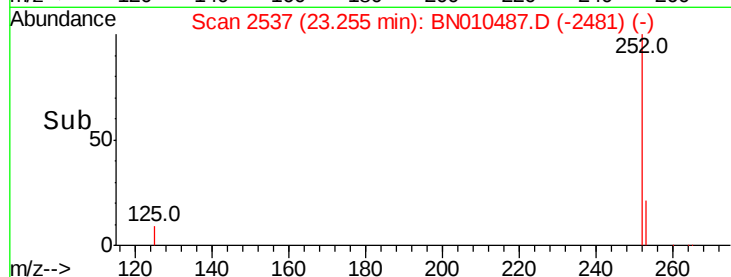
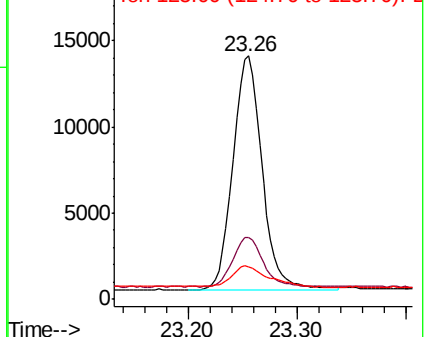
125 13.5 11.0 16.6



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: 0.449 ng

RT: 25.51 min Scan# 3195

Delta R.T. -0.02 min

Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

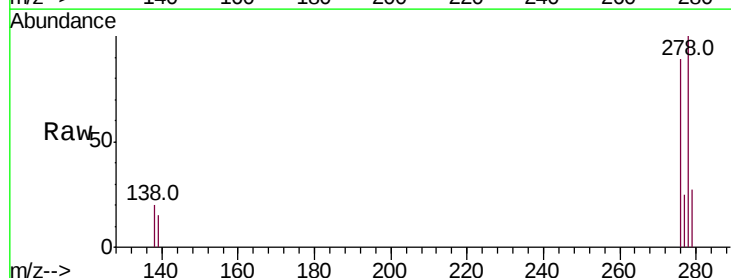
Tgt Ion:278 Resp: 23053

Ion Ratio Lower Upper

278 100

139 14.8 12.3 18.5

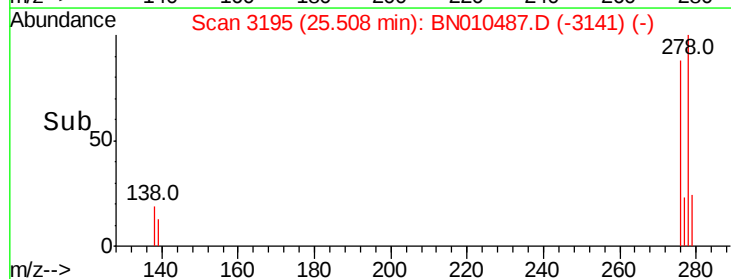
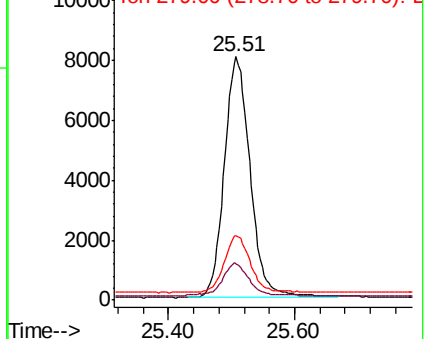
279 26.5 21.9 32.9

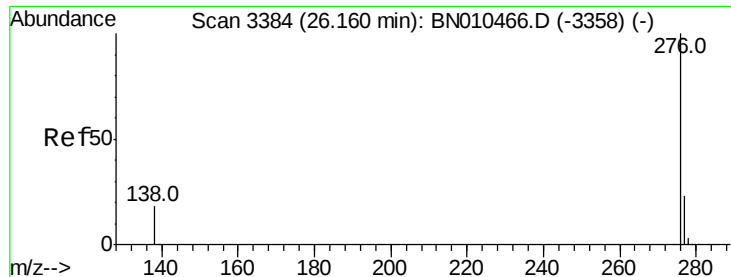


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.459 ng

RT: 26.14 min Scan# 3381

Delta R.T. -0.02 min

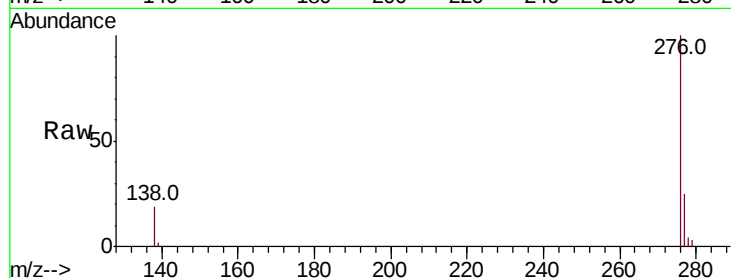
Lab File: BN010487.D

Acq: 14 Apr 2020 20:53

Instrument :

BNA_N

ClientSampleId :



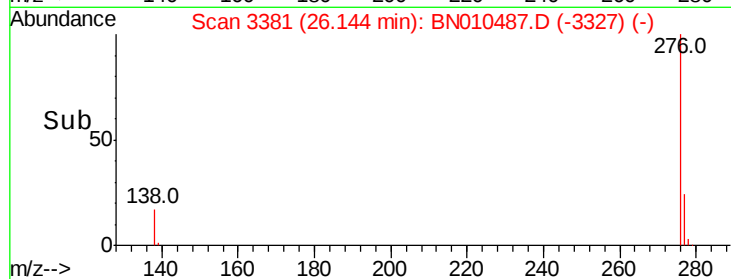
Tot Ion: 276 Resp: 23725

Ion Ratio Lower Upper

276 100

277 24.7 20.2 30.2

138 18.6 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

