

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN041420\
 Data File : BN010483.D
 Acq On : 14 Apr 2020 17:53
 Operator : CG/JU
 Sample : PB128219BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB128219BSD

Quant Time: Apr 14 18:43:09 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	4261	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	16689	0.40	ng	0.00
13) Acenaphthene-d10	14.22	164	10589	0.40	ng	0.00
19) Phenanthrene-d10	16.97	188	24254	0.40	ng	0.00
27) Chrysene-d12	21.17	240	20511	0.40	ng	-0.01
34) Perylene-d12	23.35	264	18401	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3280	0.35	ng	0.00
5) Phenol-d6	6.79	99	4004	0.33	ng	0.00
8) Nitrobenzene-d5	8.73	82	3916	0.34	ng	-0.01
11) 2-Methylnaphthalene-d10	11.96	152	14745	0.54	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1400	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	13410	0.35	ng	0.00
25) Fluoranthene-d10	19.01	212	22086	0.30	ng	0.00
29) Terphenyl-d14	19.62	244	17185	0.37	ng	0.00

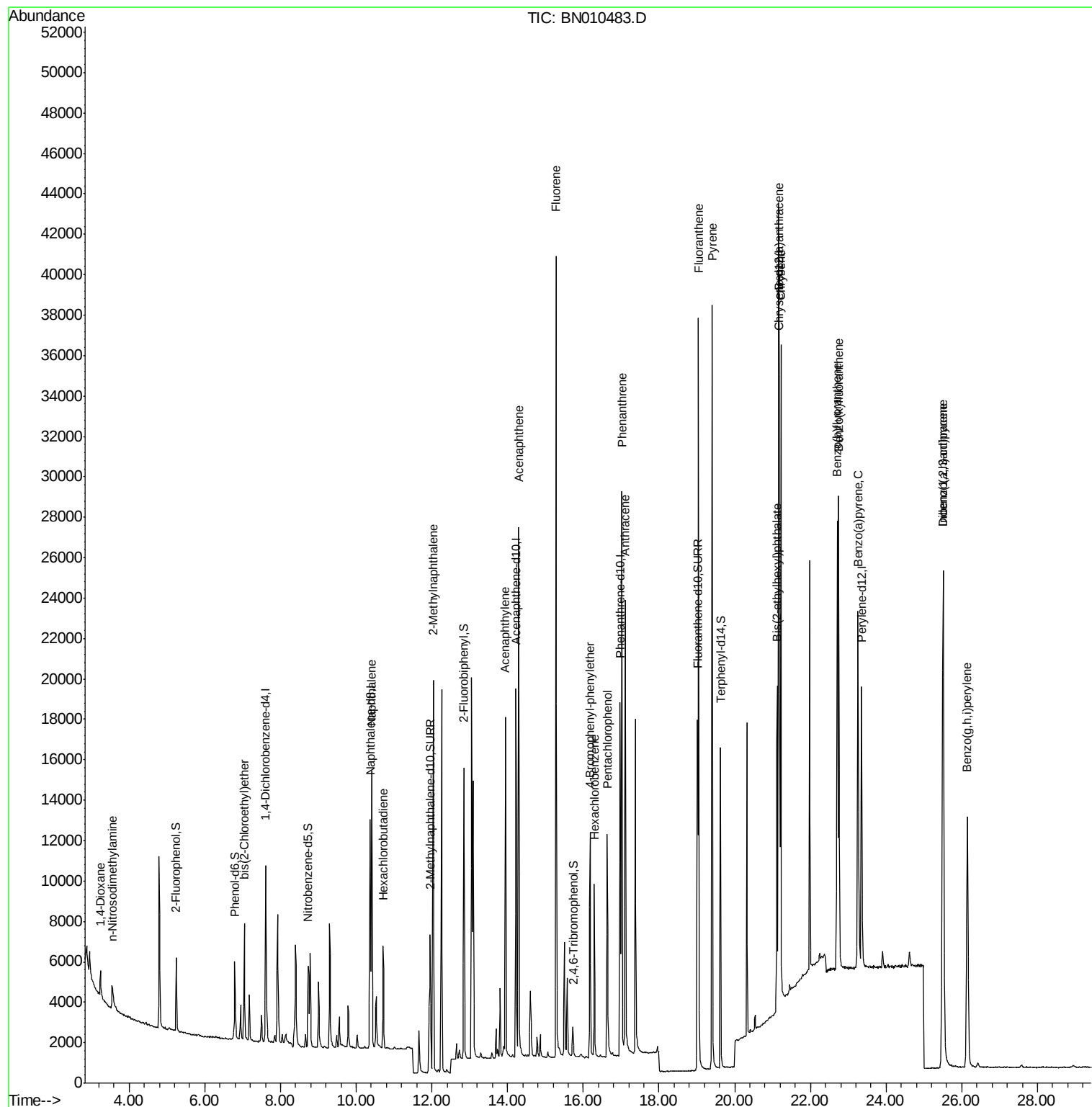
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	1157	0.369	ng	95
3) n-Nitrosodimethylamine	3.55	42	1160	0.570	ng	# 82
6) bis(2-Chloroethyl)ether	7.04	93	4863	0.460	ng	99
9) Naphthalene	10.41	128	19186	0.463	ng	99
10) Hexachlorobutadiene	10.71	225	4345	0.435	ng	# 99
12) 2-Methylnaphthalene	12.03	142	14037	0.471	ng	97
16) Acenaphthylene	13.95	152	20739	0.453	ng	100
17) Acenaphthene	14.29	154	13246	0.451	ng	99
18) Fluorene	15.28	166	17579	0.457	ng	99
20) 4-Bromophenyl-phenylether	16.18	248	5749	0.427	ng	# 92
21) Hexachlorobenzene	16.29	284	6870	0.447	ng	99
22) Pentachlorophenol	16.63	266	5994	0.991	ng	96
23) Phenanthrene	17.02	178	29333	0.448	ng	99
24) Anthracene	17.10	178	26411	0.441	ng	100
26) Fluoranthene	19.04	202	35006	0.429	ng	100
28) Pyrene	19.41	202	34874	0.505	ng	100
30) Benzo(a)anthracene	21.16	228	29121	0.435	ng	99
31) Chrysene	21.22	228	31444	0.472	ng	98
32) Bis(2-ethylhexyl)phthalate	21.12	149	13428	0.391	ng	99
33) Indeno(1,2,3-cd)pyrene	25.50	276	30022	0.509	ng	99
35) Benzo(b)fluoranthene	22.71	252	27756	0.458	ng	99
36) Benzo(k)fluoranthene	22.75	252	28866	0.476	ng	100
37) Benzo(a)pyrene	23.26	252	25962	0.484	ng	97
38) Dibenzo(a,h)anthracene	25.51	278	24187	0.493	ng	98
39) Benzo(g,h,i)perylene	26.14	276	25251	0.512	ng	99

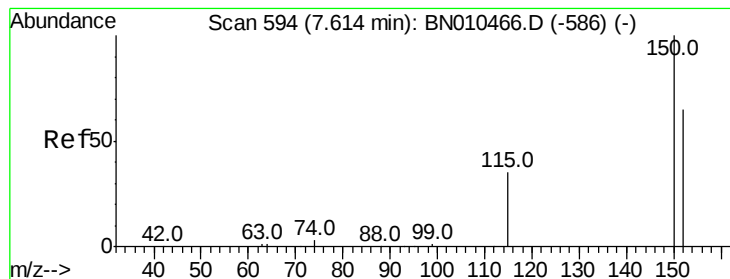
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN010483.D

Acq: 14 Apr 2020 17:53

Instrument :

BNA_N

ClientSampleId :

PB128219BSD

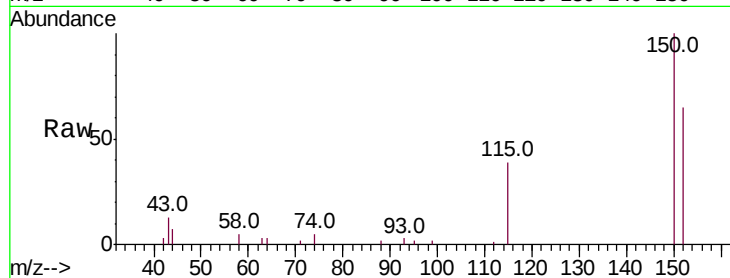
Tot Ion:152 Resp: 4261

Ion Ratio Lower Upper

152 100

150 154.2 121.8 182.6

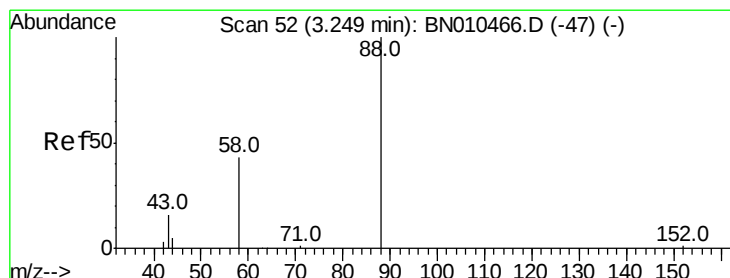
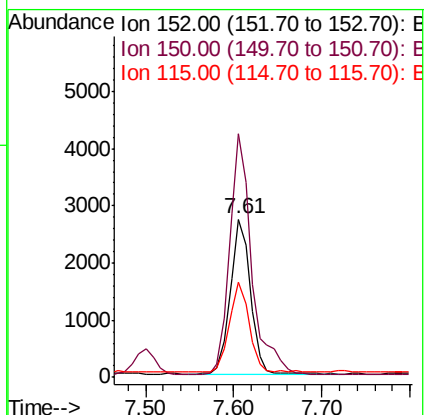
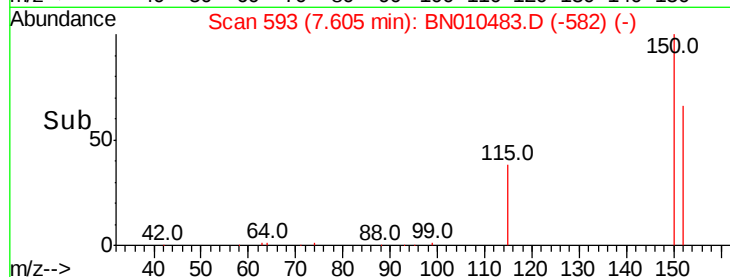
115 59.8 45.5 68.3



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: 0.369 ng

RT: 3.24 min Scan# 51

Delta R.T. -0.01 min

Lab File: BN010483.D

Acq: 14 Apr 2020 17:53

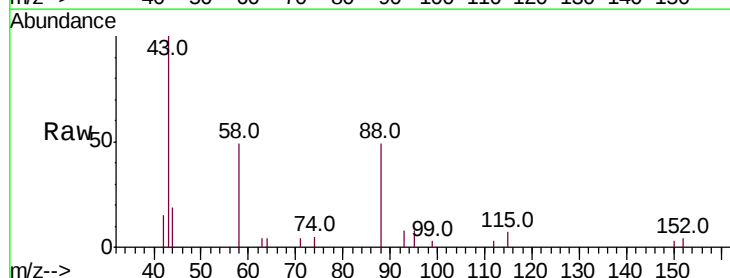
Tgt Ion: 88 Resp: 1157

Ion Ratio Lower Upper

88 100

58 42.7 36.5 54.7

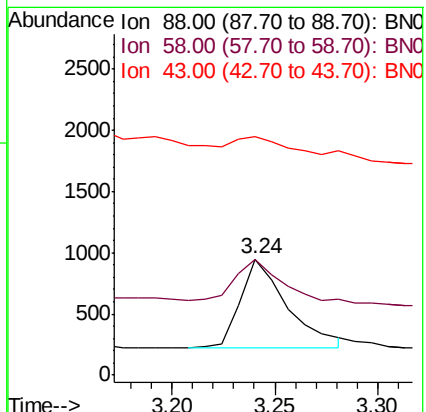
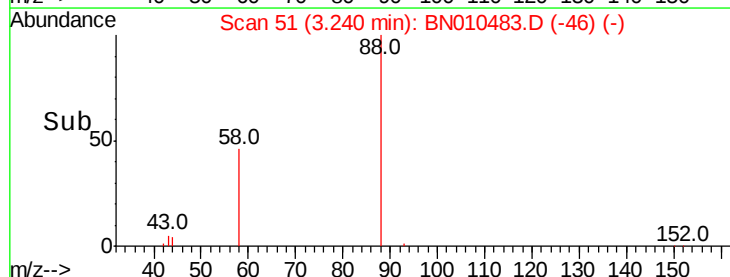
43 18.7 13.2 19.8



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: 0.570 ng

RT: 3.55 min Scan# 89

Delta R.T. -0.02 min

Lab File: BN010483.D

Acq: 14 Apr 2020 17:53

Instrument :

BNA_N

ClientSampleId :

PB128219BSD

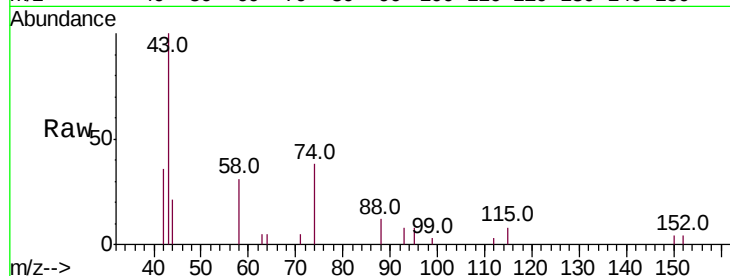
Tot Ion: 42 Resp: 1160

Ion Ratio Lower Upper

42 100

74 175.4 162.2 243.4

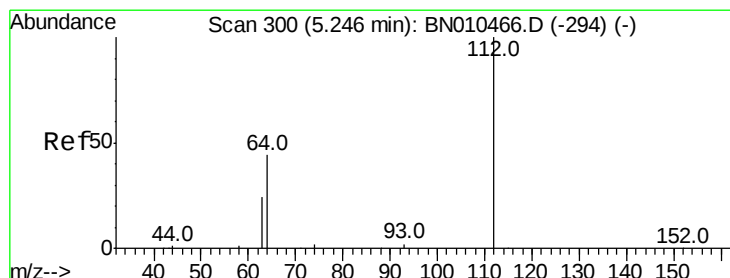
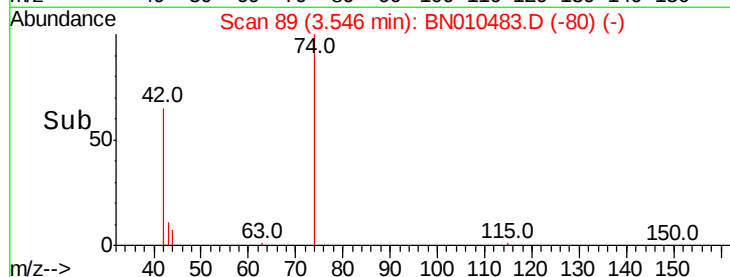
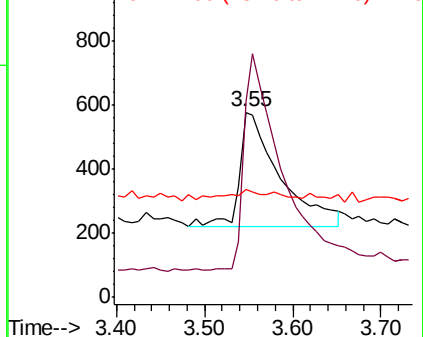
44 9.6 2.4 3.6#



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: 0.351 ng

RT: 5.25 min Scan# 300

Delta R.T. -0.00 min

Lab File: BN010483.D

Acq: 14 Apr 2020 17:53

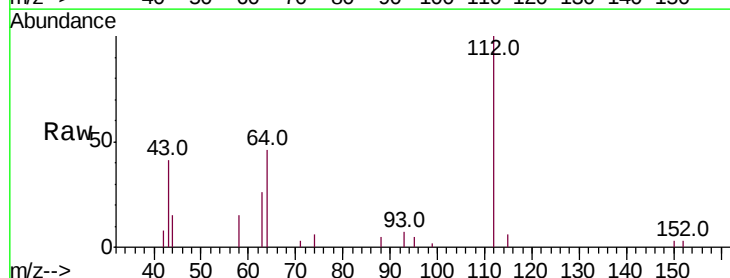
Tgt Ion: 112 Resp: 3280

Ion Ratio Lower Upper

112 100

64 44.9 35.8 53.8

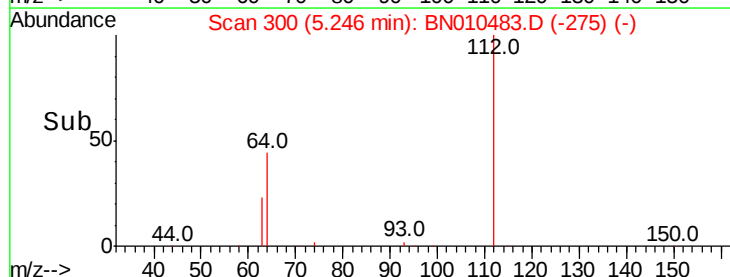
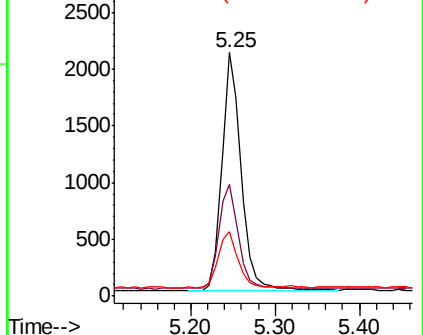
63 24.2 19.9 29.9

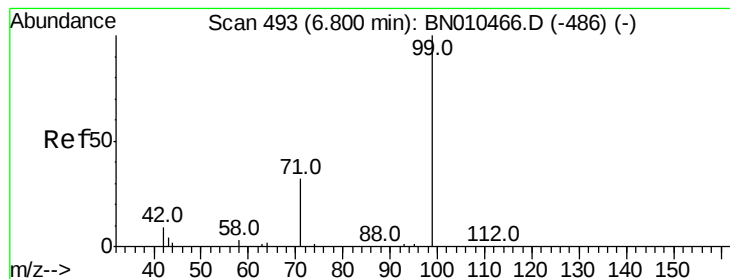


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.328 ng

RT: 6.79 min Scan# 492

Delta R.T. -0.01 min

Lab File: BN010483.D

Acq: 14 Apr 2020 17:53

Instrument :

BNA_N

ClientSampleId :

PB128219BSD

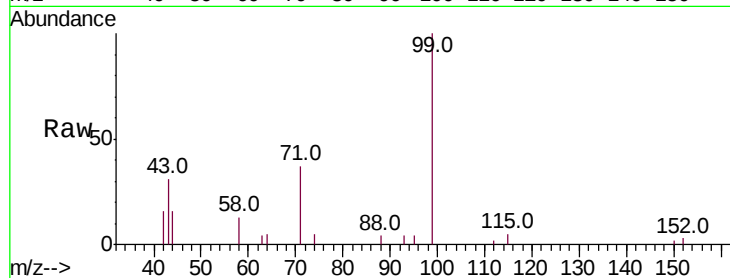
Tot Ion: 99 Resp: 4004

Ion Ratio Lower Upper

99 100

42 13.0 9.8 14.6

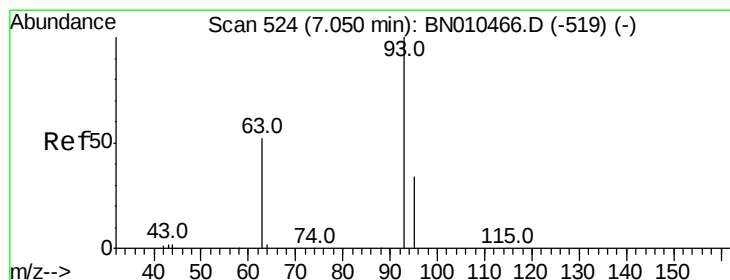
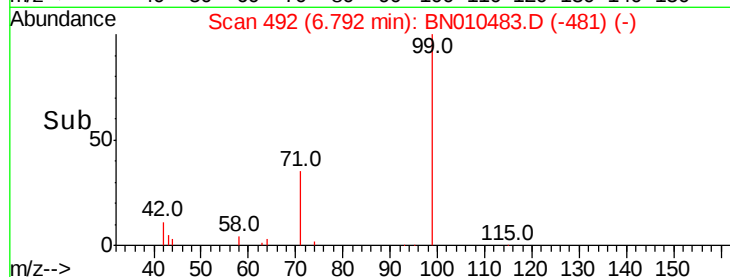
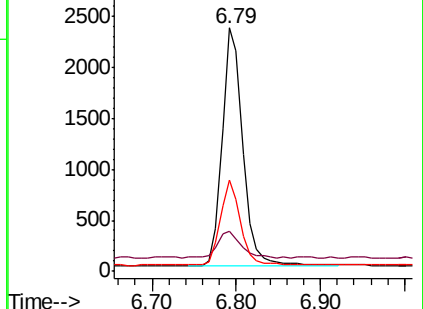
71 34.2 27.8 41.8



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: 0.460 ng

RT: 7.04 min Scan# 523

Delta R.T. -0.01 min

Lab File: BN010483.D

Acq: 14 Apr 2020 17:53

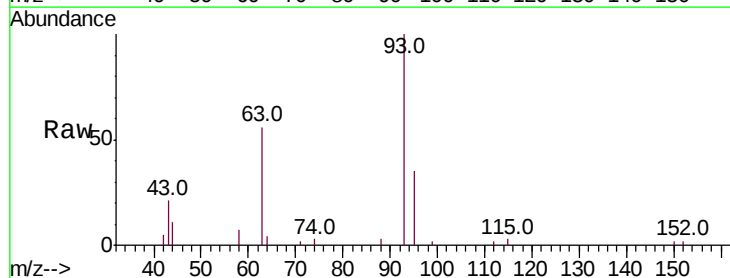
Tgt Ion: 93 Resp: 4863

Ion Ratio Lower Upper

93 100

63 56.9 44.6 66.8

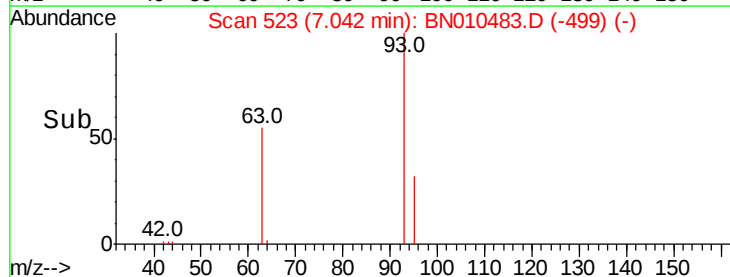
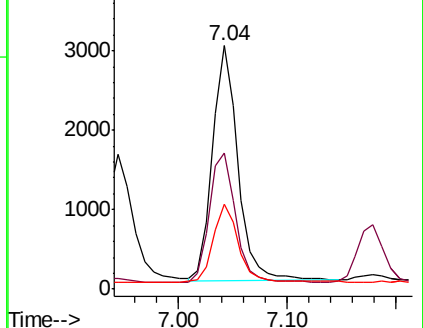
95 33.3 26.5 39.7

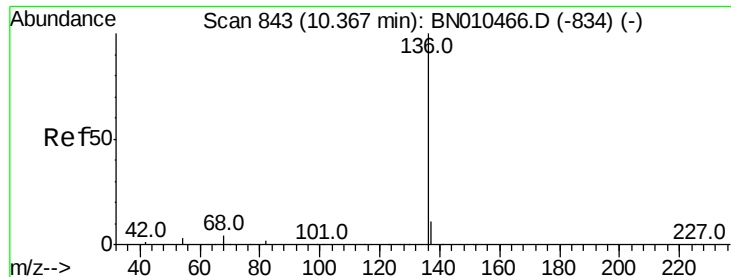


Abundance Ion 93.00 (92.70 to 93.70): BN010466.D (-519) (-)

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: BN010483.D

Acq: 14 Apr 2020 17:53

Instrument :

BNA_N

ClientSampleId :

PB128219BSD

Tot Ion:136 Resp: 16689

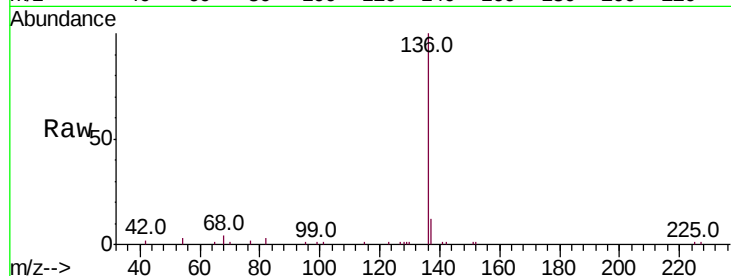
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 3.0 2.6 4.0

68 3.8 3.4 5.2

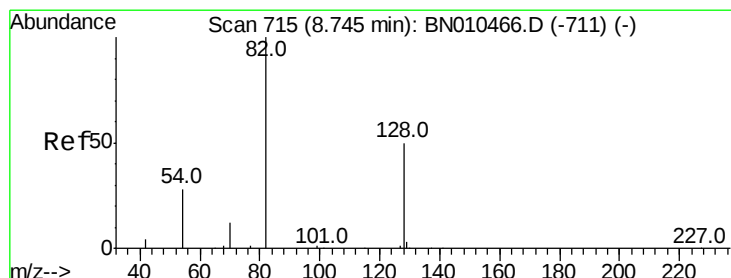
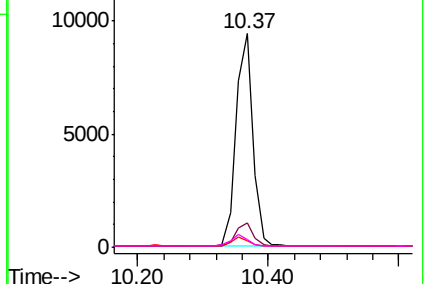
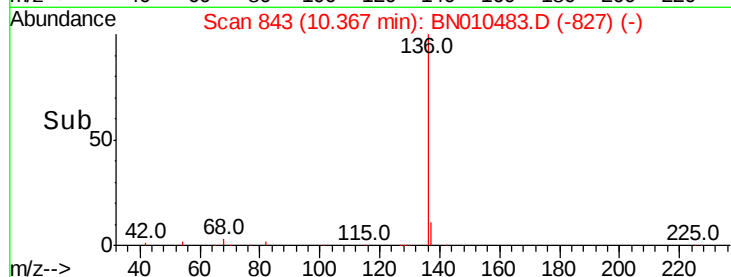


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.336 ng

RT: 8.73 min Scan# 714

Delta R.T. -0.01 min

Lab File: BN010483.D

Acq: 14 Apr 2020 17:53

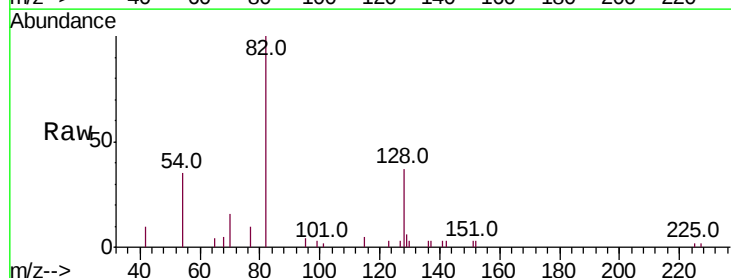
Tgt Ion: 82 Resp: 3916

Ion Ratio Lower Upper

82 100

128 37.5 41.3 61.9#

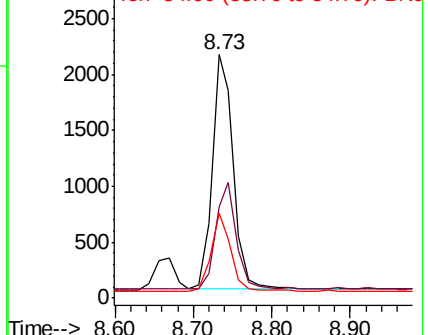
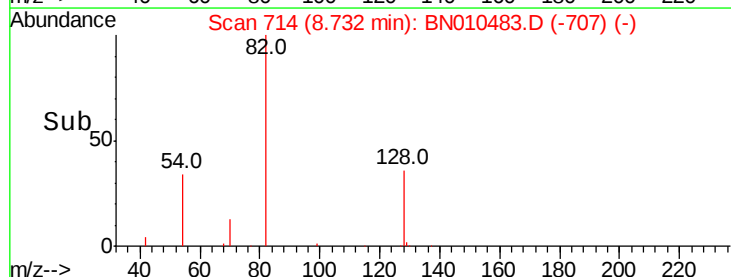
54 34.8 23.4 35.0



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: 0.463 ng

RT: 10.41 min Scan# 846

Delta R.T. -0.01 min

Lab File: BN010483.D

Acq: 14 Apr 2020 17:53

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PB128219BSD

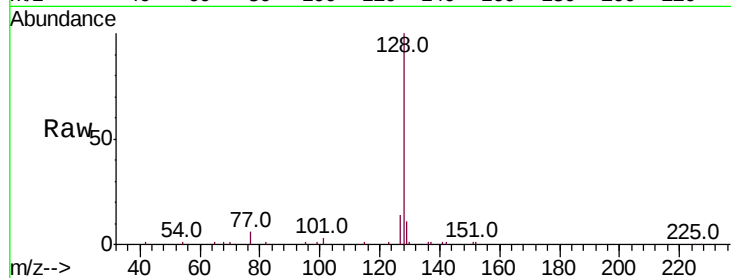
Tot Ion:128 Resp: 19186

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

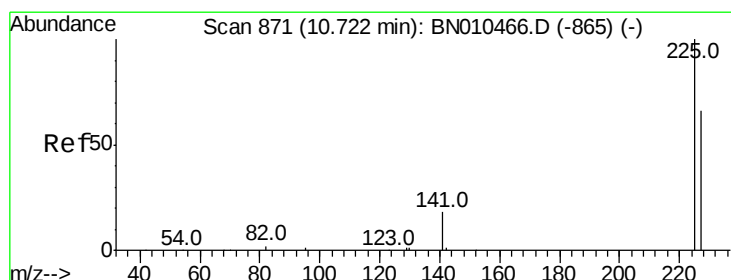
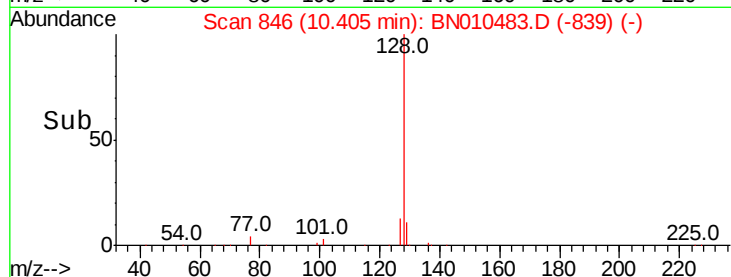
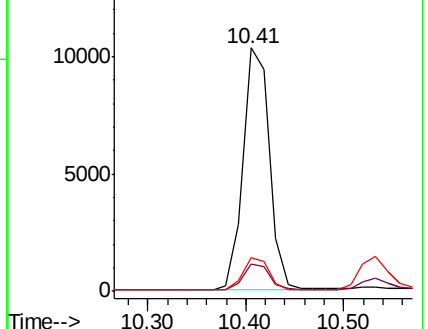
127 14.0 10.5 15.7



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: 0.435 ng

RT: 10.71 min Scan# 870

Delta R.T. -0.01 min

Lab File: BN010483.D

Acq: 14 Apr 2020 17:53

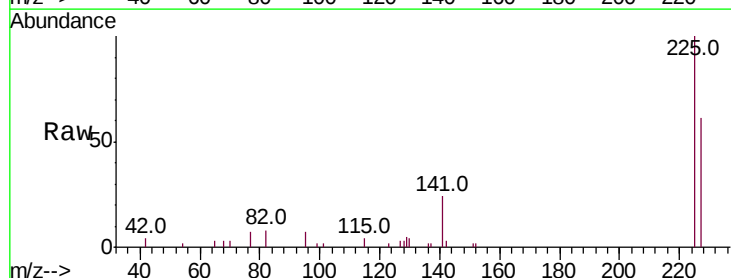
Tgt Ion:225 Resp: 4345

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

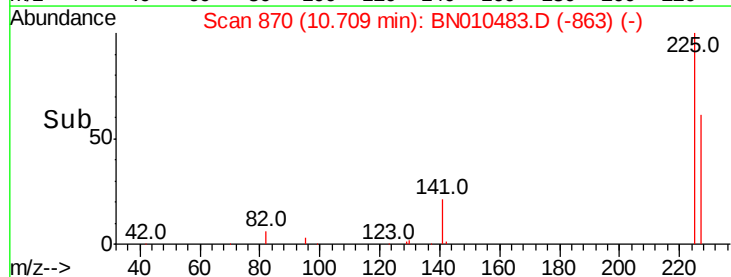
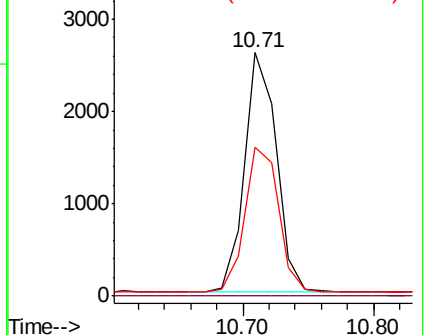
227 64.0 50.6 76.0

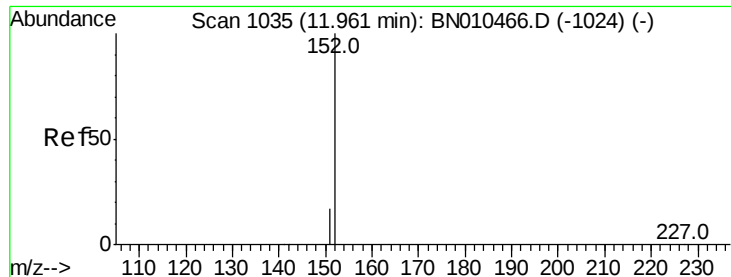


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

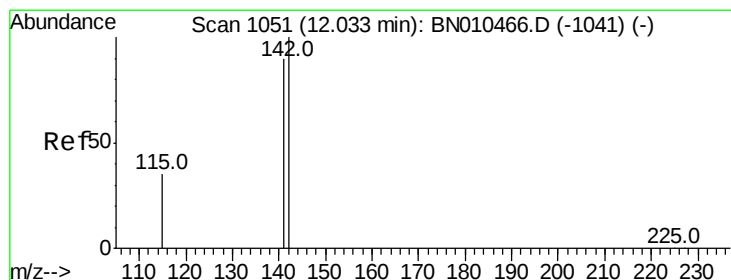
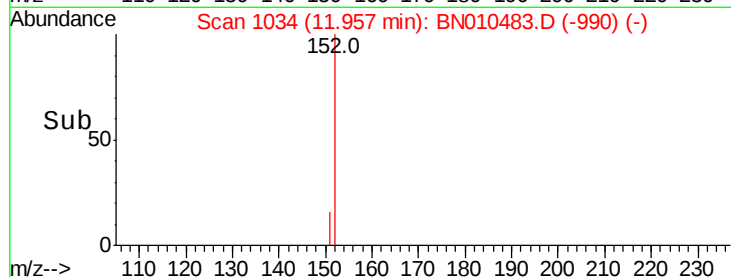
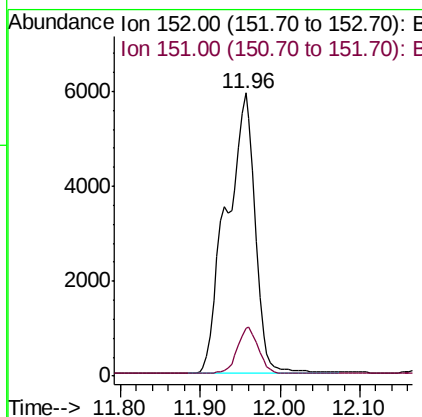
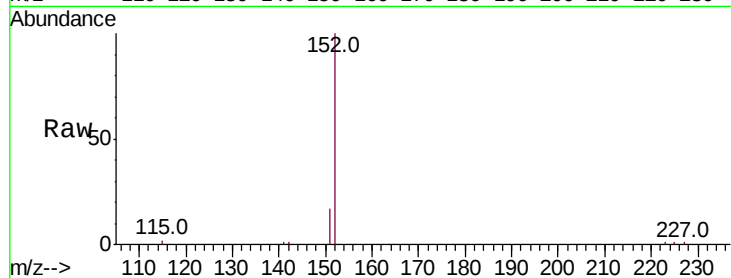




#11
2-Methylnaphthalene-d10
Concen: 0.537 ng
RT: 11.96 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

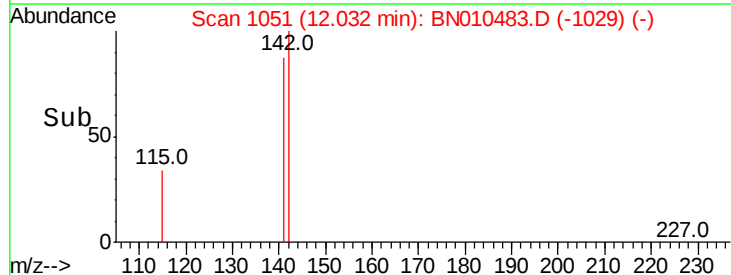
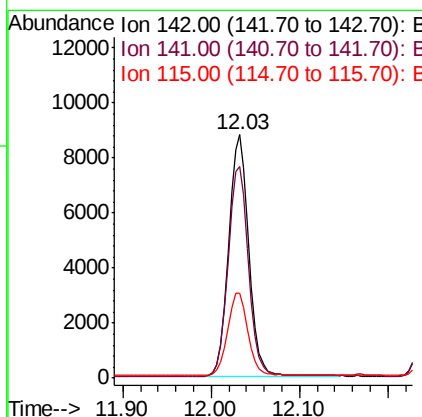
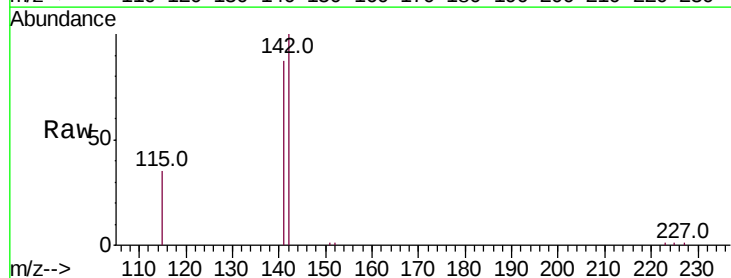
Instrument :
BNA_N
ClientSampleId :
PB128219BSD

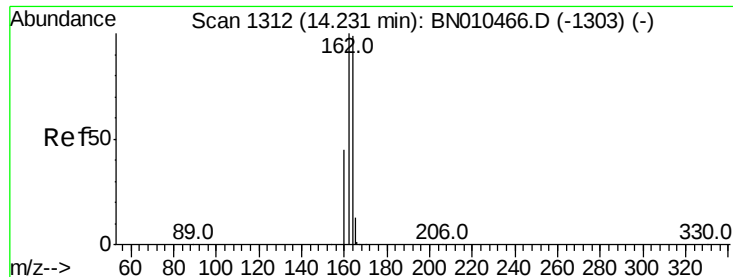
Tot Ion:152 Resp: 14745
Ion Ratio Lower Upper
152 100
151 12.3 15.3 22.9#



#12
2-Methylnaphthalene
Concen: 0.471 ng
RT: 12.03 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Tgt Ion:142 Resp: 14037
Ion Ratio Lower Upper
142 100
141 87.1 71.9 107.9
115 34.7 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: BN010483.D

Acq: 14 Apr 2020 17:53

Instrument :

BNA_N

ClientSampleId :

PB128219BSD

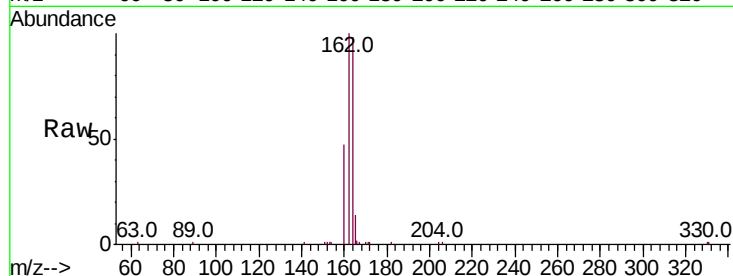
Tot Ion:164 Resp: 10589

Ion Ratio Lower Upper

164 100

162 102.1 80.6 121.0

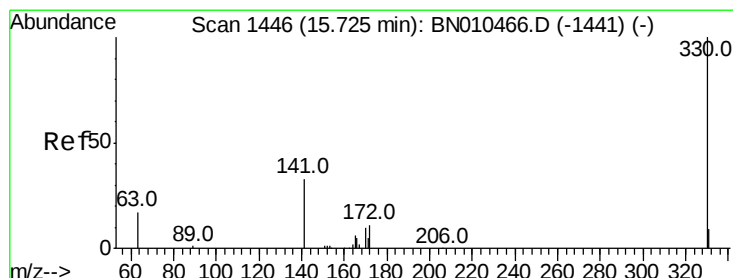
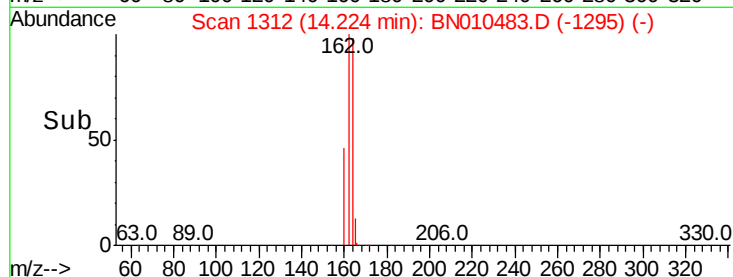
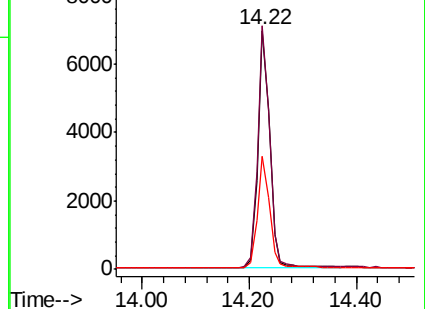
160 47.5 36.5 54.7



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: 0.281 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BN010483.D

Acq: 14 Apr 2020 17:53

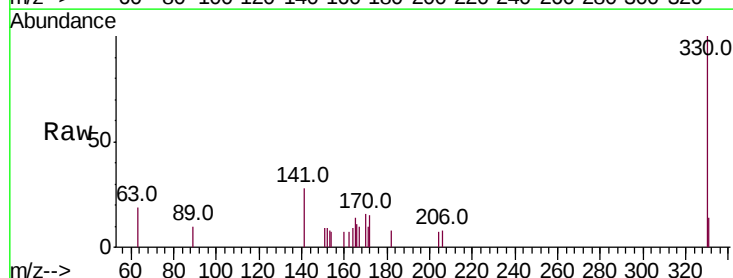
Tgt Ion:330 Resp: 1400

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

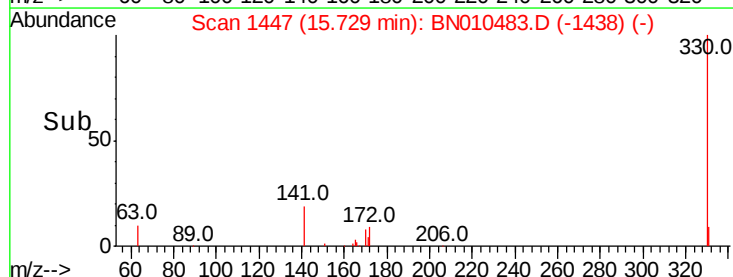
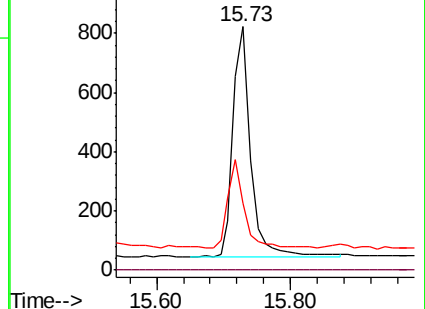
141 35.6 28.1 42.1

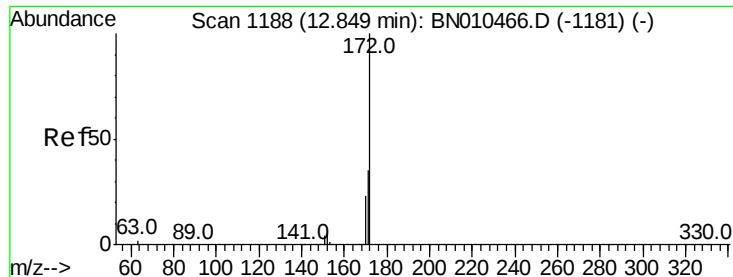


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

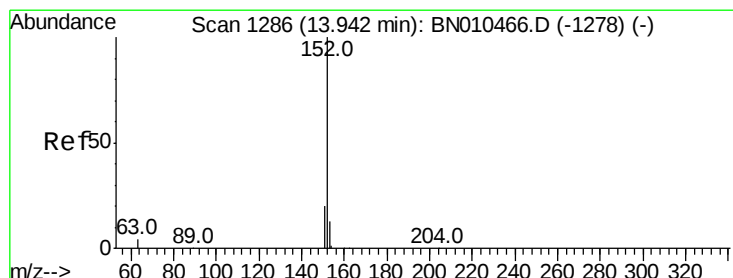
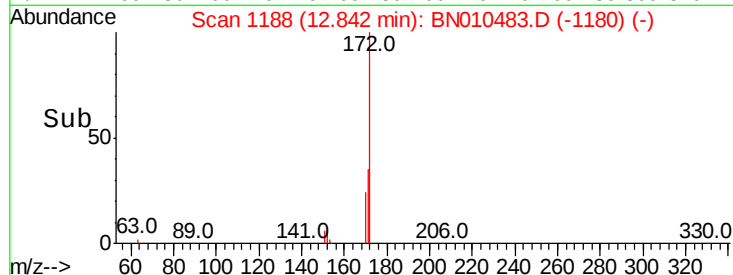
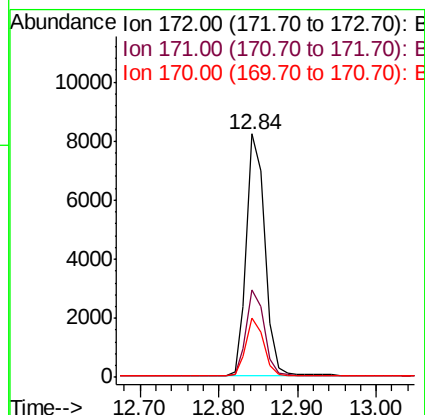
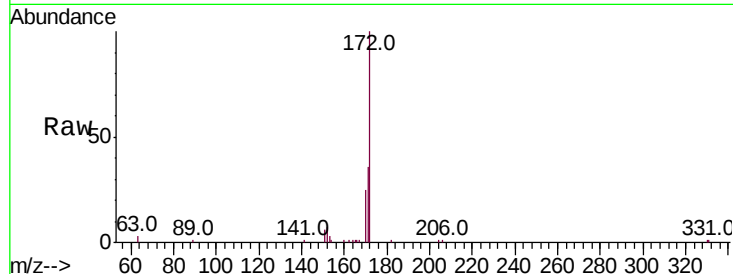




#15
2-Fluorobiphenyl
Concen: 0.348 ng
RT: 12.84 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

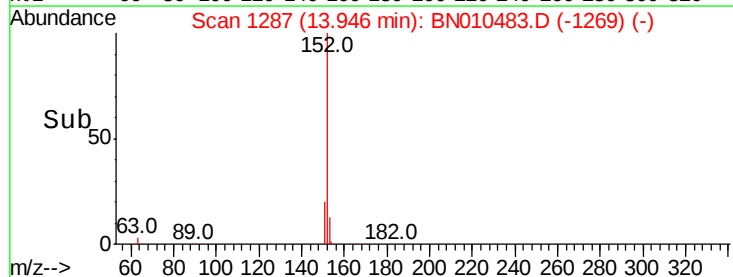
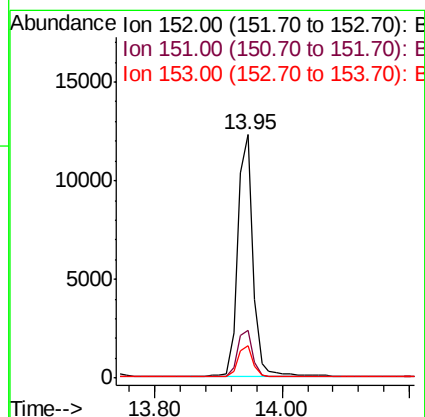
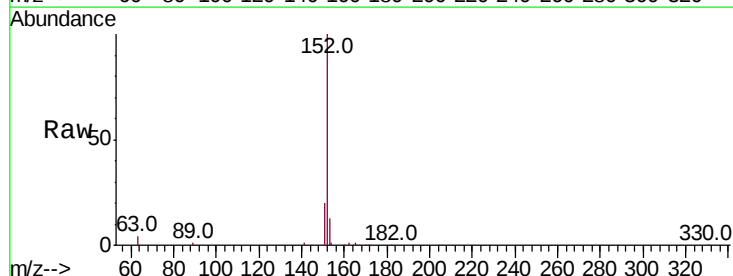
Instrument :
BNA_N
ClientSampleId :
PB128219BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.2	42.2
170	24.5	18.4	27.6



#16
Acenaphthylene
Concen: 0.453 ng
RT: 13.95 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.2	10.6	15.8





#17

Acenaphthene

Concen: 0.451 ng

RT: 14.29 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BN010483.D

Acq: 14 Apr 2020 17:53

Instrument :

BNA_N

ClientSampleId :

PB128219BSD

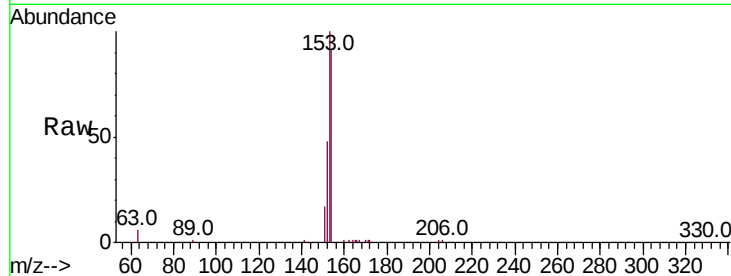
Tot Ion:154 Resp: 13246

Ion Ratio Lower Upper

154 100

153 114.4 91.0 136.4

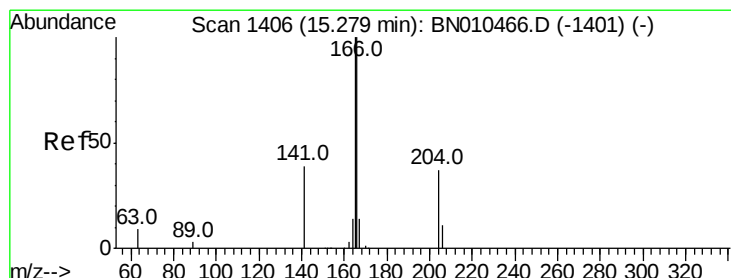
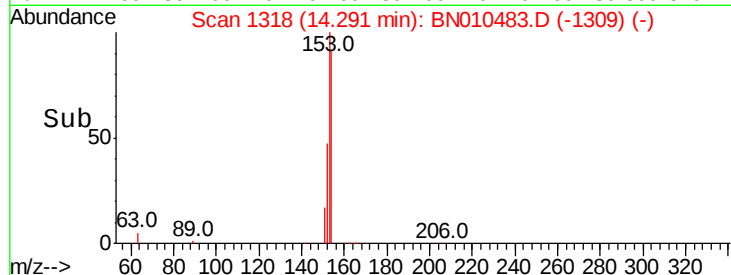
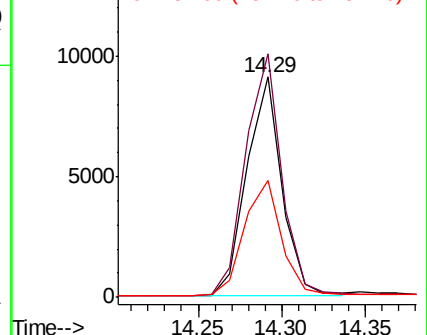
152 56.2 44.6 67.0



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: 0.457 ng

RT: 15.28 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BN010483.D

Acq: 14 Apr 2020 17:53

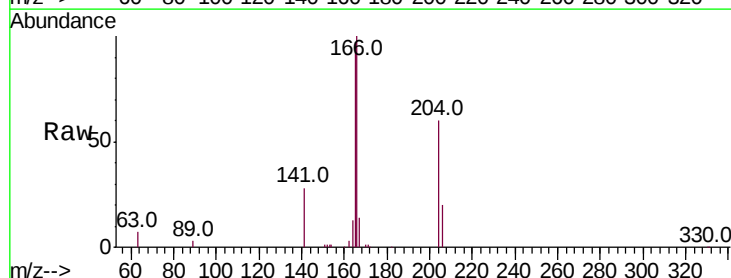
Tgt Ion:166 Resp: 17579

Ion Ratio Lower Upper

166 100

165 97.3 78.4 117.6

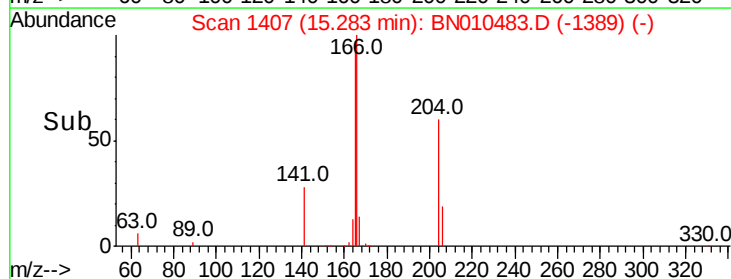
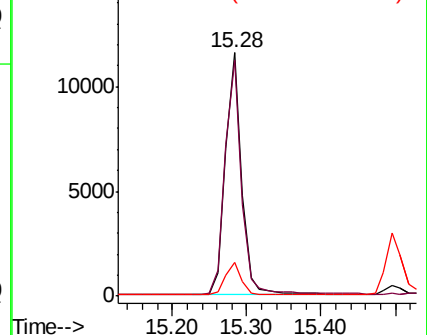
167 13.8 10.9 16.3

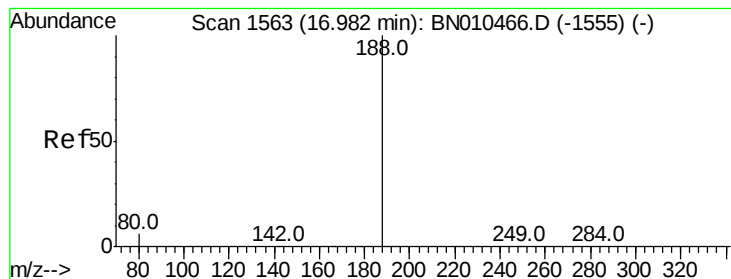


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN010483.D

Acq: 14 Apr 2020 17:53

Instrument :

BNA_N

ClientSampleId :

PB128219BSD

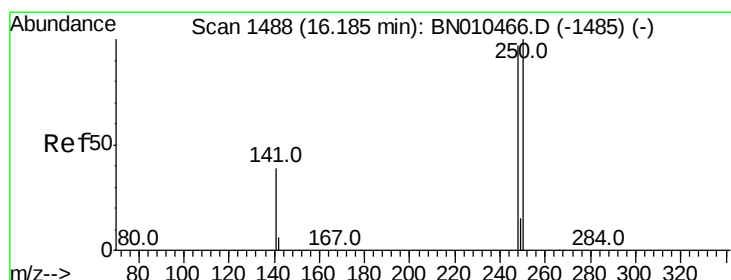
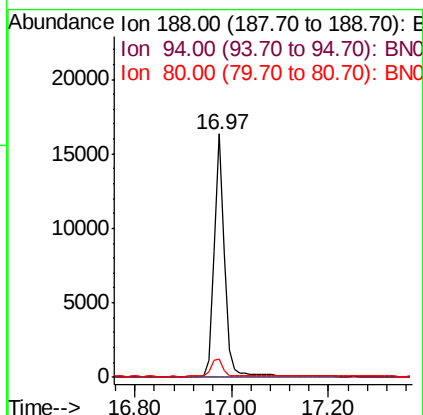
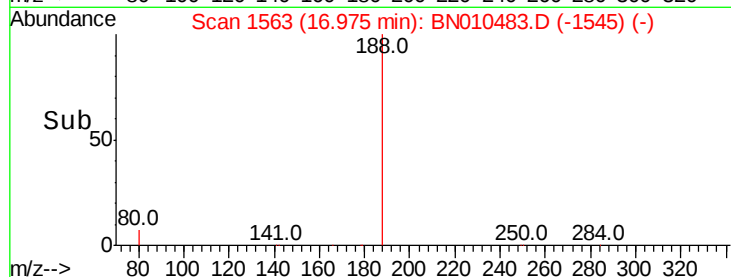
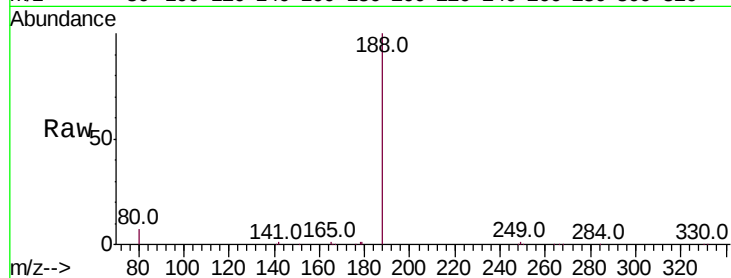
Tot Ion:188 Resp: 24254

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.3 5.0 7.6



#20

4-Bromophenyl-phenylether

Concen: 0.427 ng

RT: 16.18 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BN010483.D

Acq: 14 Apr 2020 17:53

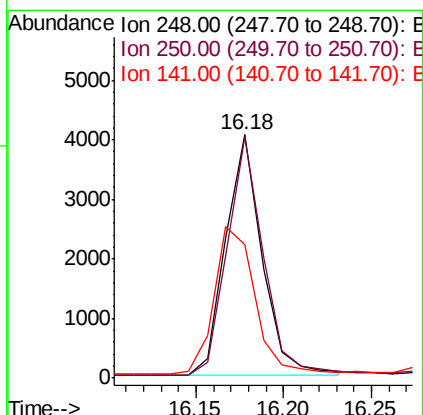
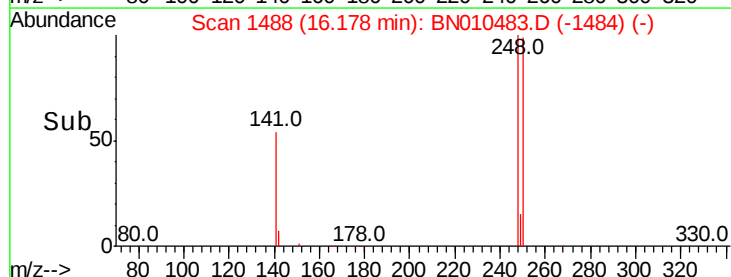
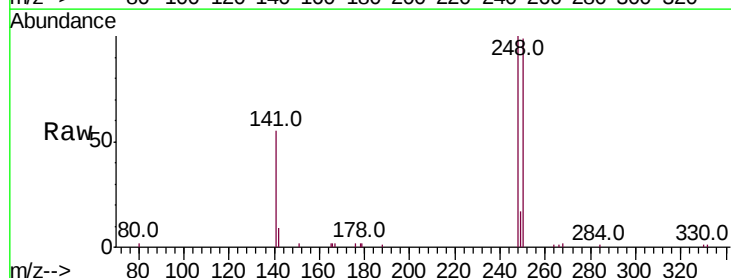
Tgt Ion:248 Resp: 5749

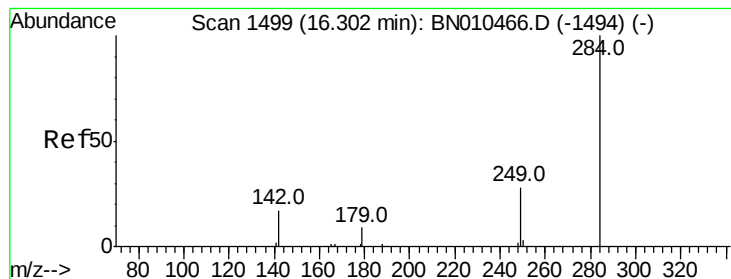
Ion Ratio Lower Upper

248 100

250 99.3 82.3 123.5

141 54.9 35.2 52.8#





#21

Hexachlorobenzene

Concen: 0.447 ng

RT: 16.29 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BN010483.D

Acq: 14 Apr 2020 17:53

Instrument :

BNA_N

ClientSampleId :

PB128219BSD

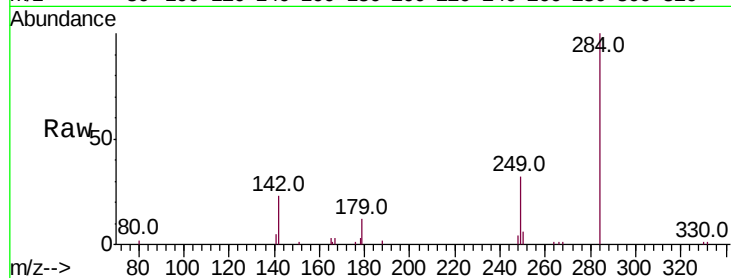
Tot Ion:284 Resp: 6870

Ion Ratio Lower Upper

284 100

142 32.4 25.5 38.3

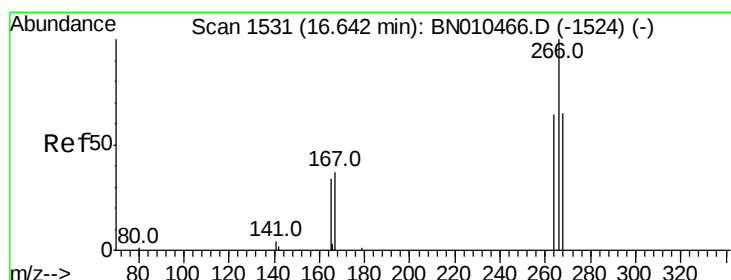
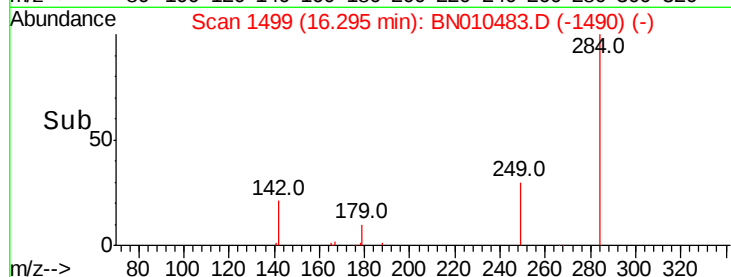
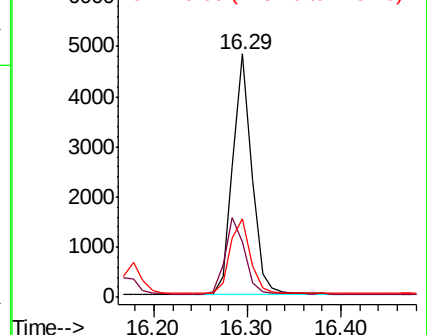
249 32.8 25.8 38.6



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: 0.991 ng

RT: 16.63 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BN010483.D

Acq: 14 Apr 2020 17:53

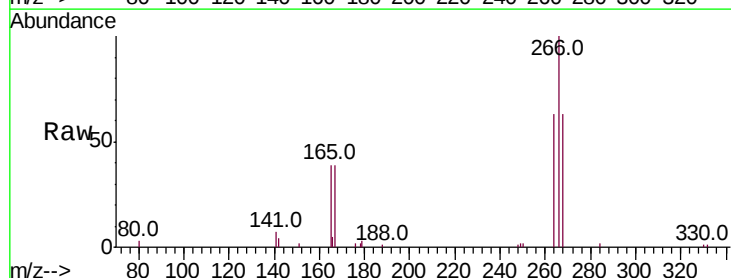
Tgt Ion:266 Resp: 5994

Ion Ratio Lower Upper

266 100

264 63.0 51.8 77.6

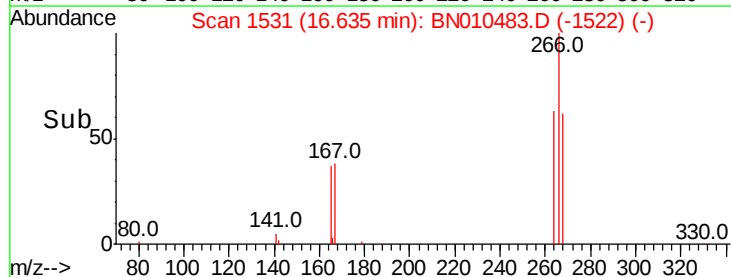
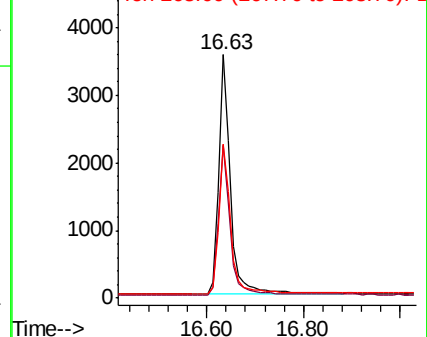
268 63.1 53.7 80.5



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: 0.448 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BN010483.D

Acq: 14 Apr 2020 17:53

Instrument :

BNA_N

ClientSampleId :

PB128219BSD

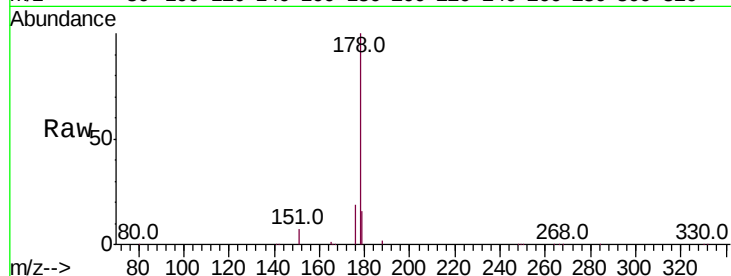
Tot Ion:178 Resp: 29333

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

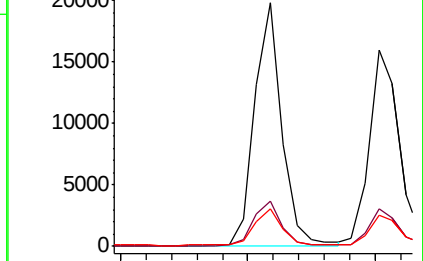
179 15.3 12.6 18.8



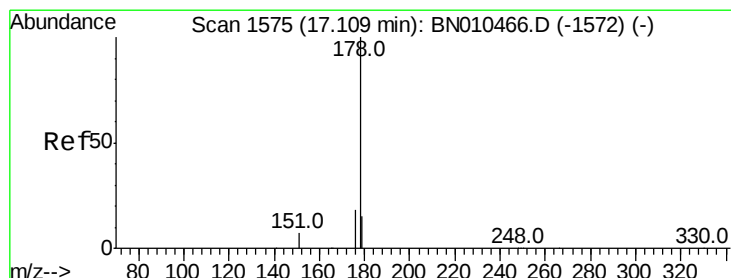
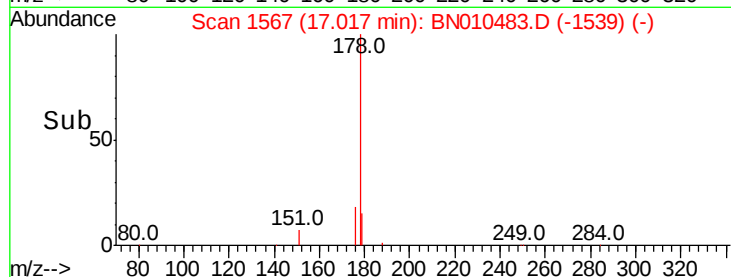
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 16.90 17.00 17.10



#24

Anthracene

Concen: 0.441 ng

RT: 17.10 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BN010483.D

Acq: 14 Apr 2020 17:53

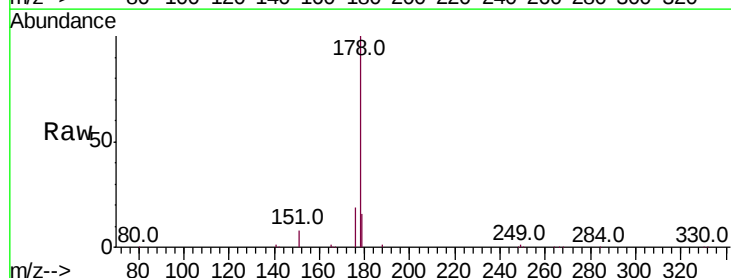
Tgt Ion:178 Resp: 26411

Ion Ratio Lower Upper

178 100

176 18.1 14.6 21.8

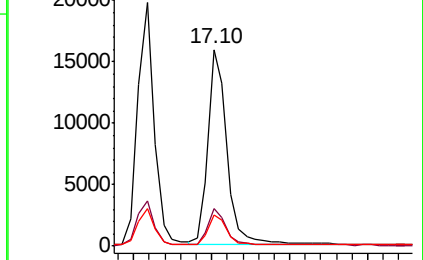
179 15.3 12.2 18.2



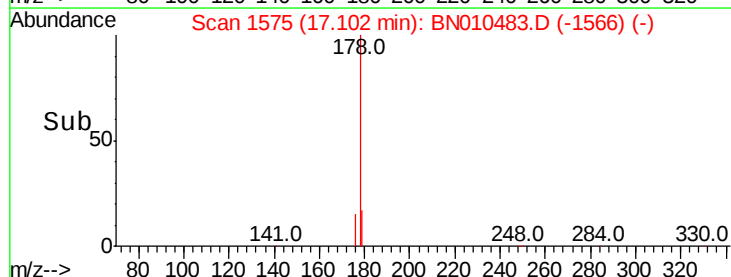
Abundance Ion 178.00 (177.70 to 178.70): E

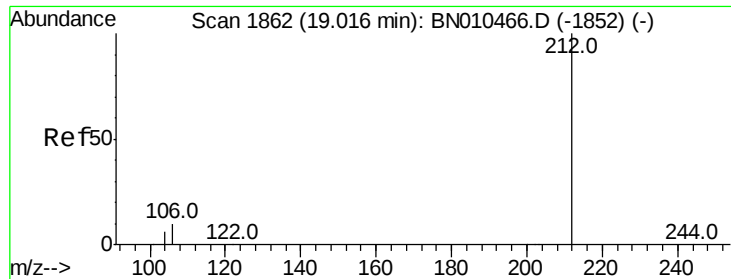
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.00 17.10 17.20 17.30





#25

Fluoranthene-d10

Concen: 0.300 ng

RT: 19.01 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BN010483.D

Acq: 14 Apr 2020 17:53

Instrument :

BNA_N

ClientSampleId :

PB128219BSD

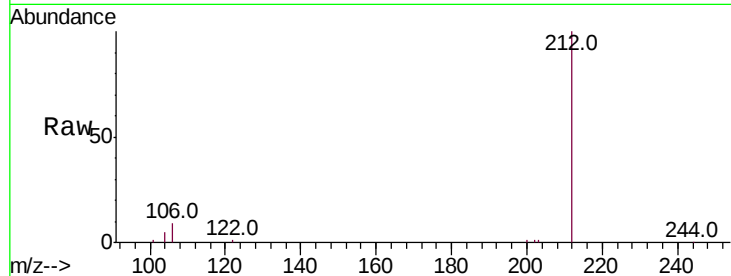
Tot Ion:212 Resp: 22086

Ion Ratio Lower Upper

212 100

106 9.8 7.8 11.6

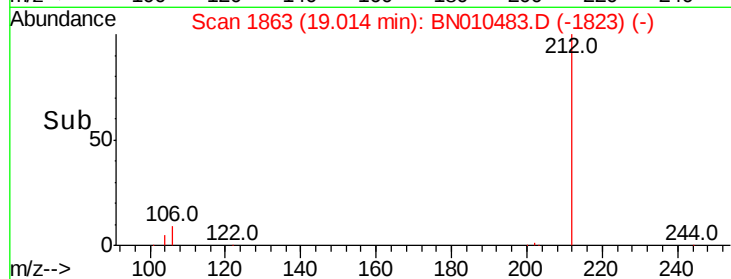
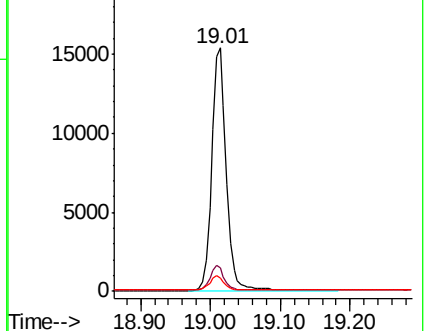
104 5.5 4.5 6.7



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: 0.429 ng

RT: 19.04 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BN010483.D

Acq: 14 Apr 2020 17:53

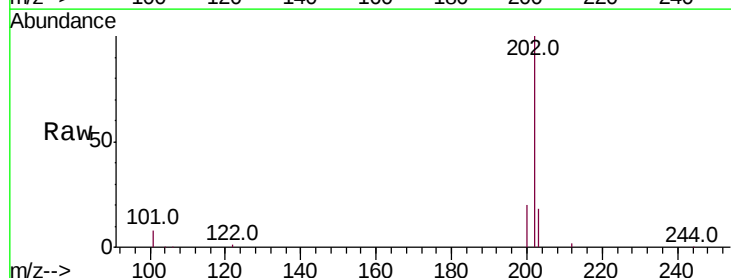
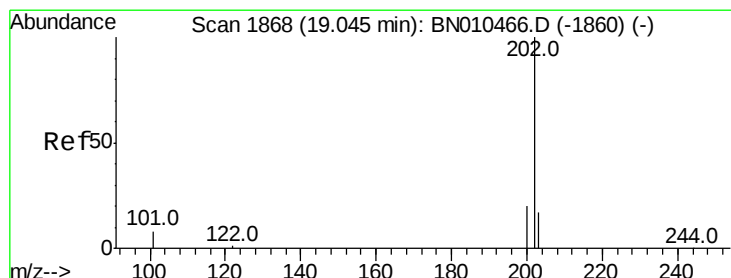
Tgt Ion:202 Resp: 35006

Ion Ratio Lower Upper

202 100

101 8.4 6.9 10.3

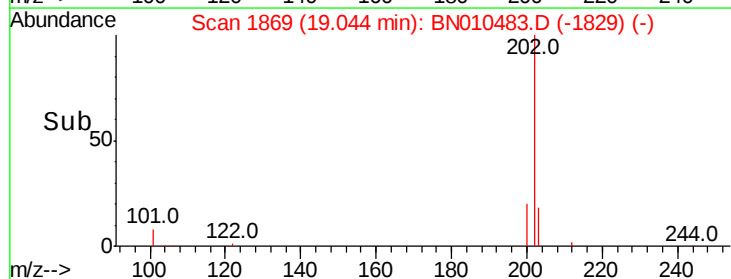
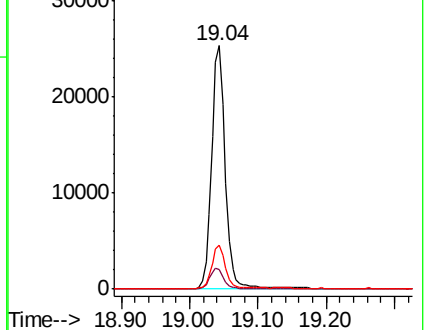
203 17.6 13.9 20.9



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: BN010483.D

Acq: 14 Apr 2020 17:53

Instrument :

BNA_N

ClientSampleId :

PB128219BSD

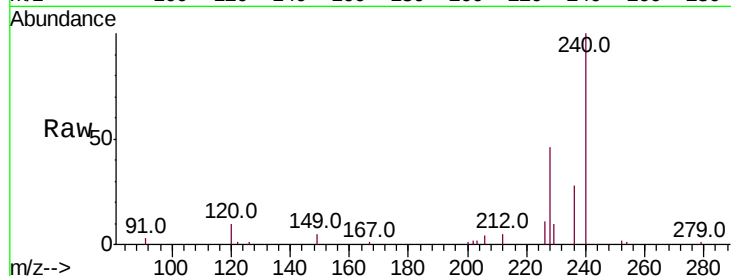
Tot Ion:240 Resp: 20511

Ion Ratio Lower Upper

240 100

120 10.1 4.8 7.2#

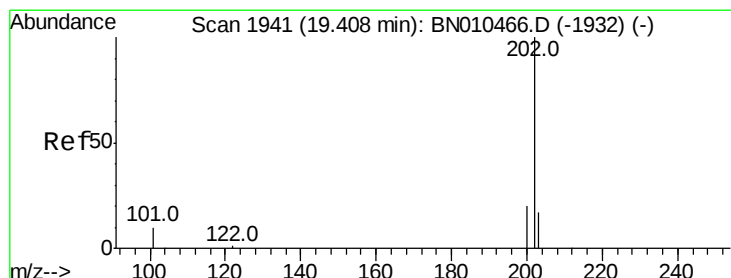
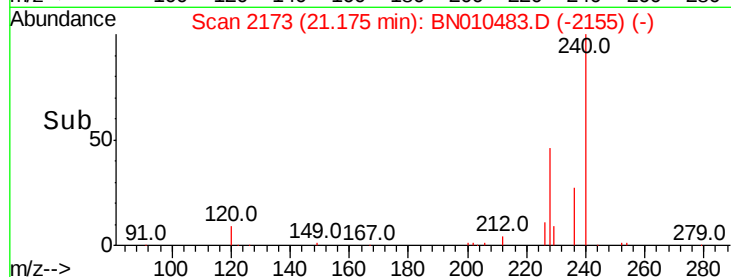
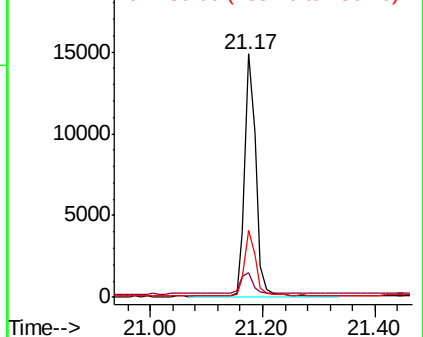
236 27.5 21.4 32.0



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: 0.505 ng

RT: 19.41 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BN010483.D

Acq: 14 Apr 2020 17:53

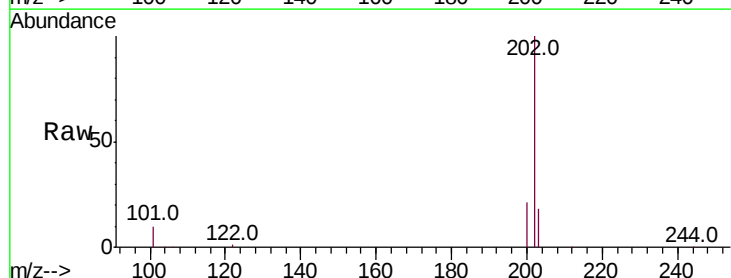
Tgt Ion:202 Resp: 34874

Ion Ratio Lower Upper

202 100

200 20.3 16.3 24.5

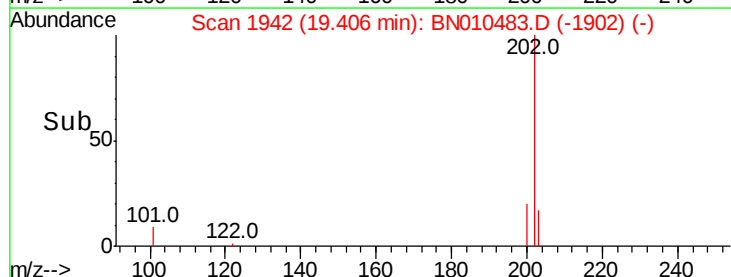
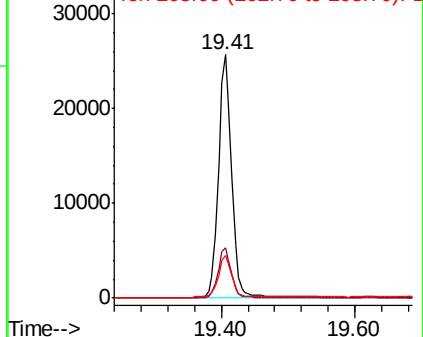
203 17.8 14.0 21.0

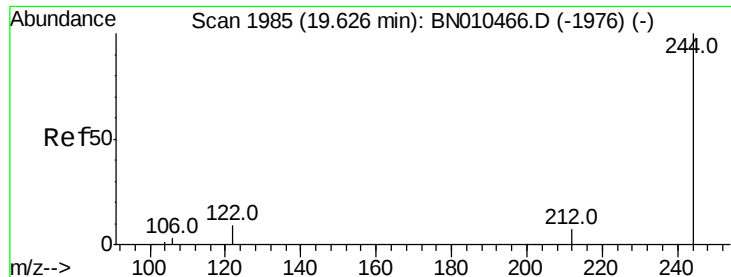


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.366 ng

RT: 19.62 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BN010483.D

Acq: 14 Apr 2020 17:53

Instrument :

BNA_N

ClientSampleId :

PB128219BSD

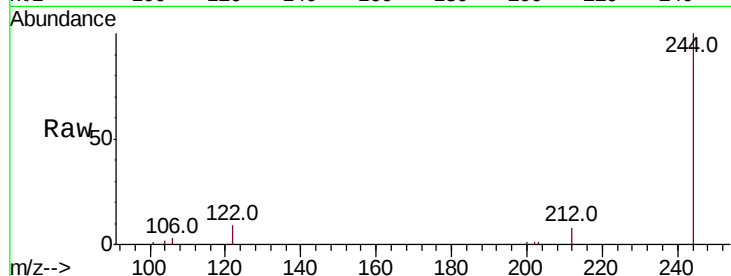
Tot Ion:244 Resp: 17185

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.4

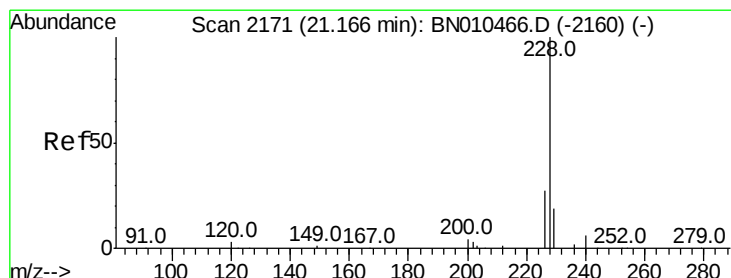
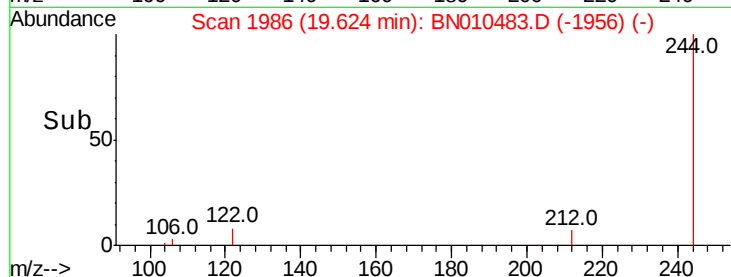
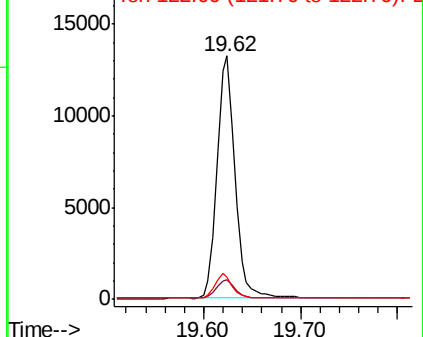
122 9.0 7.8 11.8



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: 0.435 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN010483.D

Acq: 14 Apr 2020 17:53

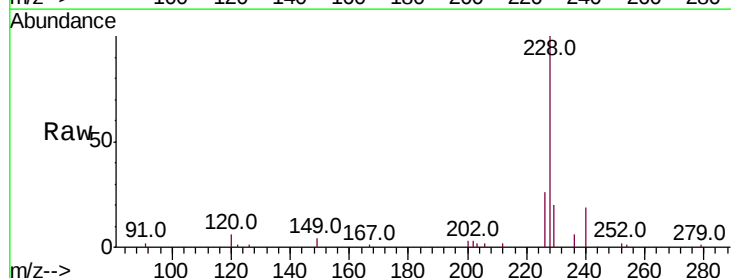
Tgt Ion:228 Resp: 29121

Ion Ratio Lower Upper

228 100

226 26.4 21.7 32.5

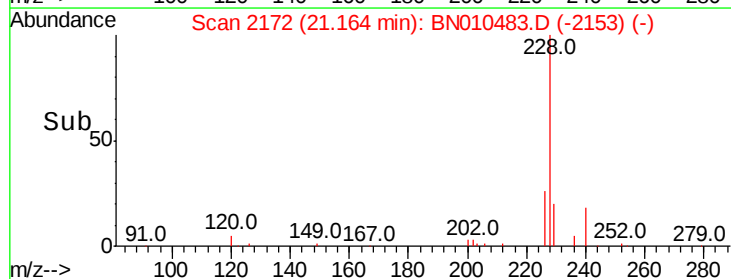
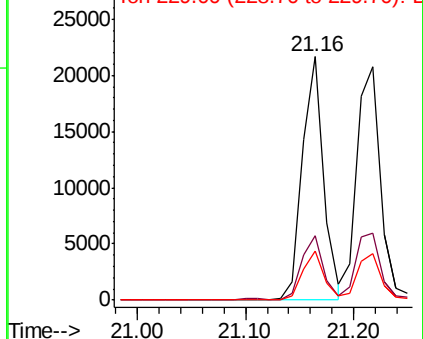
229 20.1 15.6 23.4

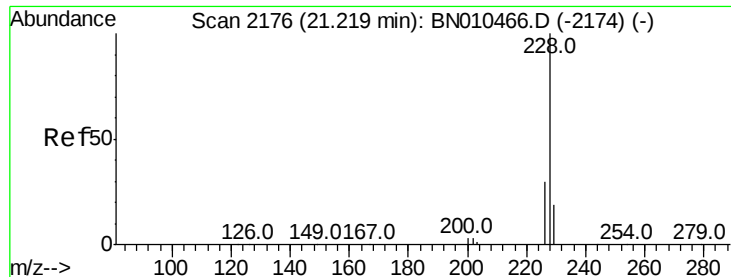


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.472 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BN010483.D

Acq: 14 Apr 2020 17:53

Instrument :

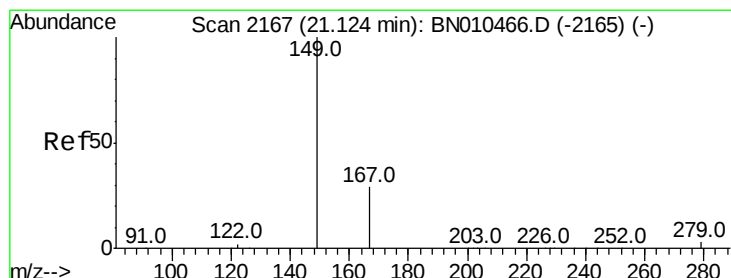
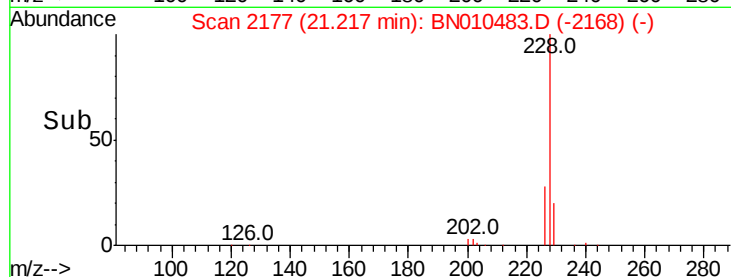
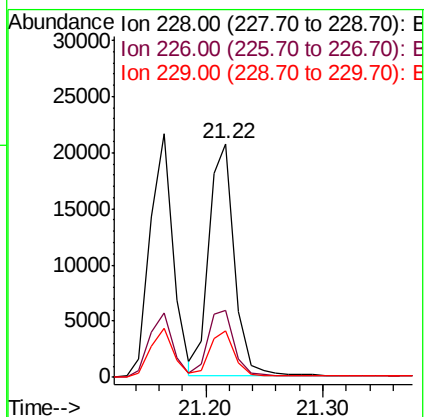
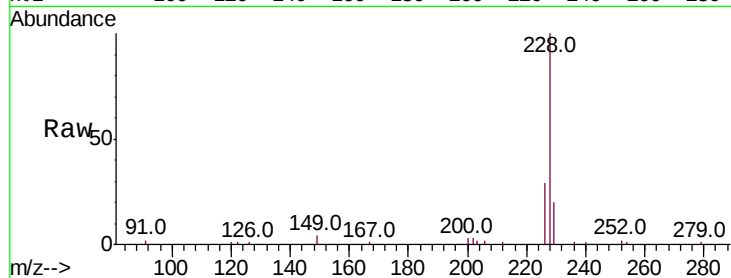
BNA_N

ClientSampleId :

PB128219BSD

Tot Ion:228 Resp: 31444

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.0	36.0
229	20.1	15.8	23.6



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.391 ng

RT: 21.12 min Scan# 2168

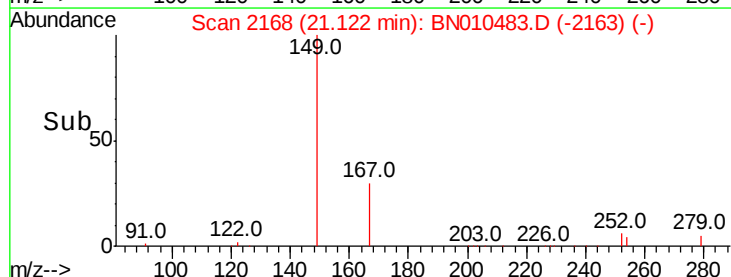
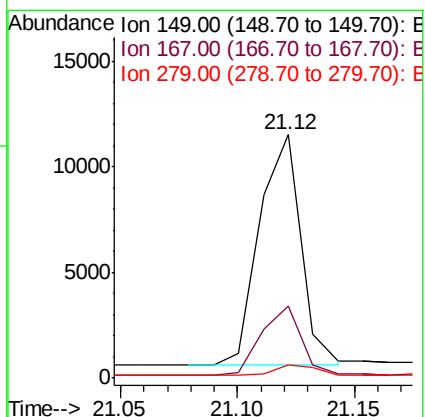
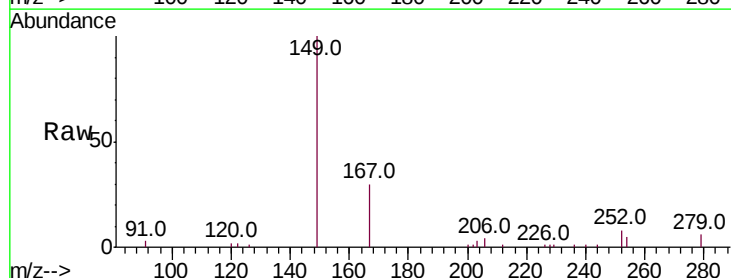
Delta R.T. -0.00 min

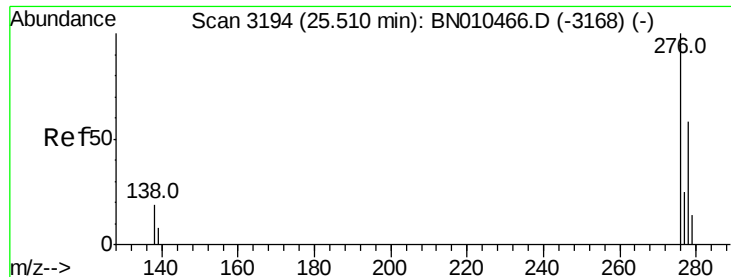
Lab File: BN010483.D

Acq: 14 Apr 2020 17:53

Tgt Ion:149 Resp: 13428

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.4	35.0
279	4.4	4.0	6.0





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.509 ng

RT: 25.50 min Scan# 3192

Delta R.T. -0.01 min

Lab File: BN010483.D

Acq: 14 Apr 2020 17:53

Instrument :

BNA_N

ClientSampleId :

PB128219BSD

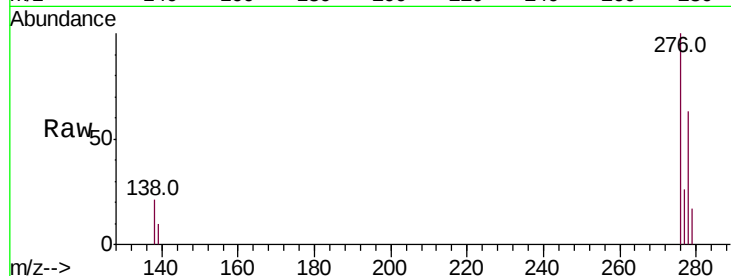
Tot Ion:276 Resp: 30022

Ion Ratio Lower Upper

276 100

138 20.8 16.4 24.6

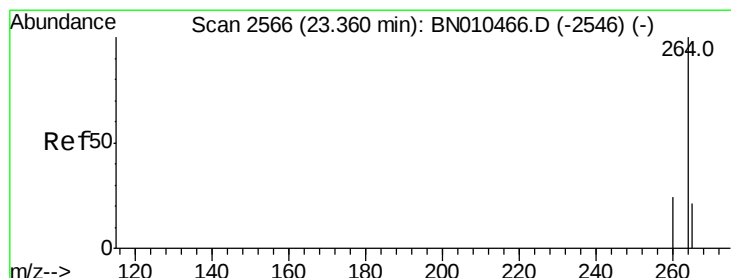
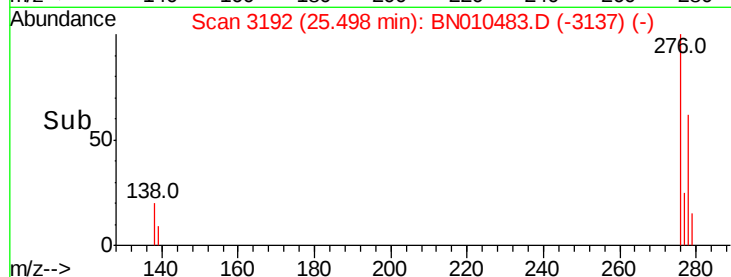
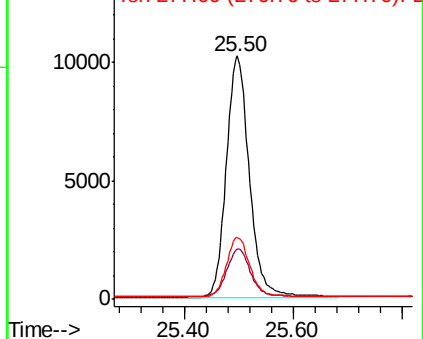
277 24.9 19.8 29.6



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: BN010483.D

Acq: 14 Apr 2020 17:53

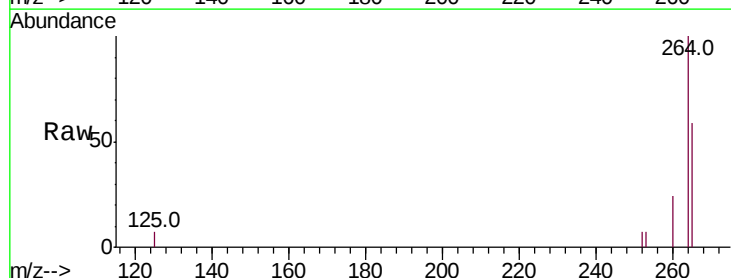
Tgt Ion:264 Resp: 18401

Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.8

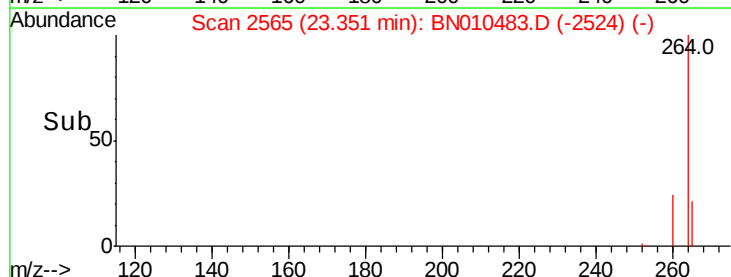
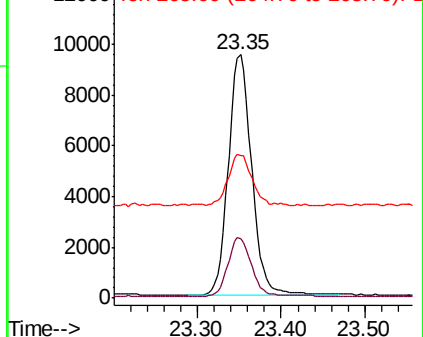
265 58.7 42.3 63.5



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

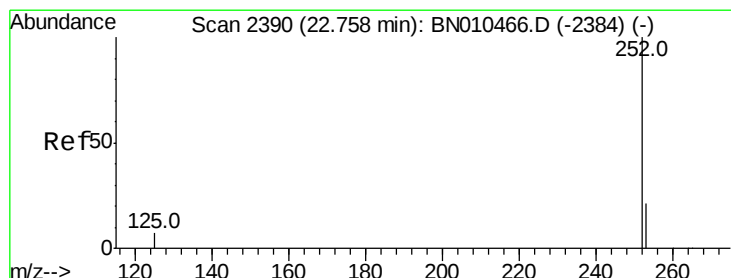
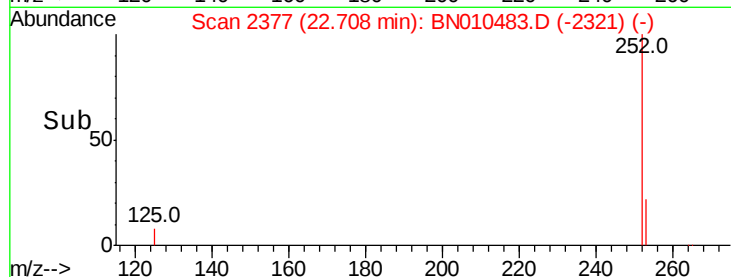
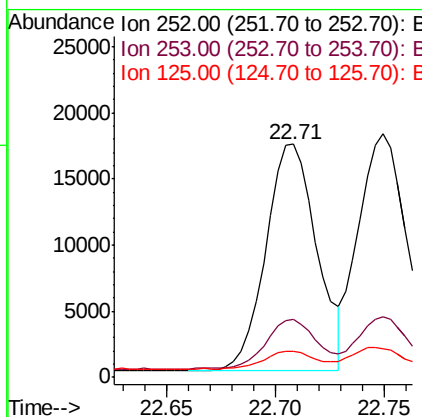
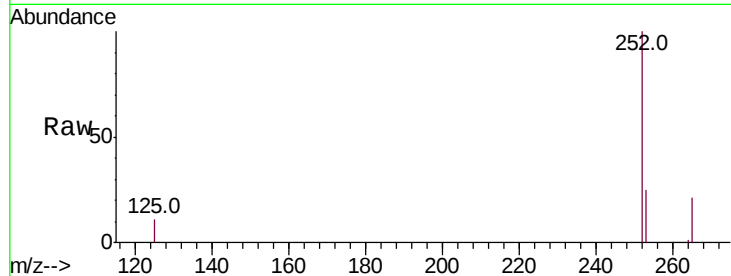




#35
Benzo(b)fluoranthene
Concen: 0.458 ng
RT: 22.71 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

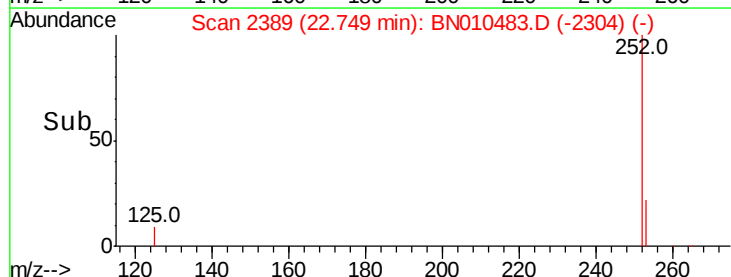
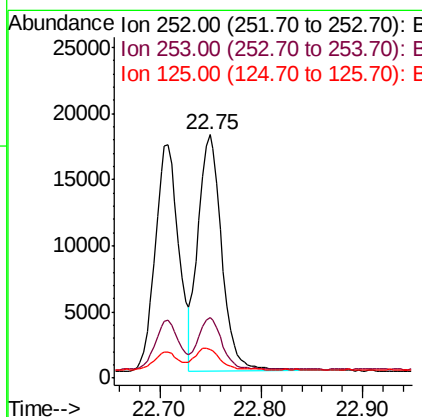
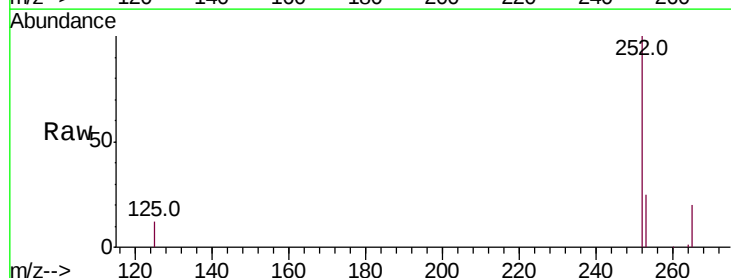
Instrument :
BNA_N
ClientSampleId :
PB128219BSD

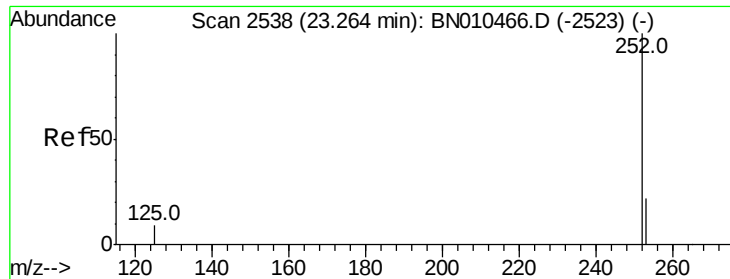
Tot Ion:252 Resp: 27756
Ion Ratio Lower Upper
252 100
253 25.0 20.2 30.4
125 11.2 9.2 13.8



#36
Benzo(k)fluoranthene
Concen: 0.476 ng
RT: 22.75 min Scan# 2389
Delta R.T. -0.01 min
Lab File: BN010483.D
Acq: 14 Apr 2020 17:53

Tgt Ion:252 Resp: 28866
Ion Ratio Lower Upper
252 100
253 24.9 20.1 30.1
125 12.0 9.6 14.4





#37

Benzo(a)pyrene

Concen: 0.484 ng

RT: 23.26 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BN010483.D

Acq: 14 Apr 2020 17:53

Instrument :

BNA_N

ClientSampleId :

PB128219BSD

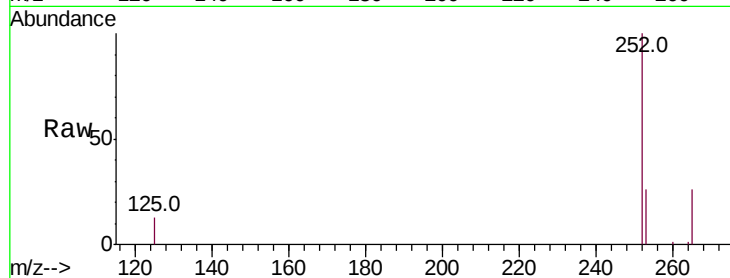
Tot Ion:252 Resp: 25962

Ion Ratio Lower Upper

252 100

253 25.5 21.8 32.8

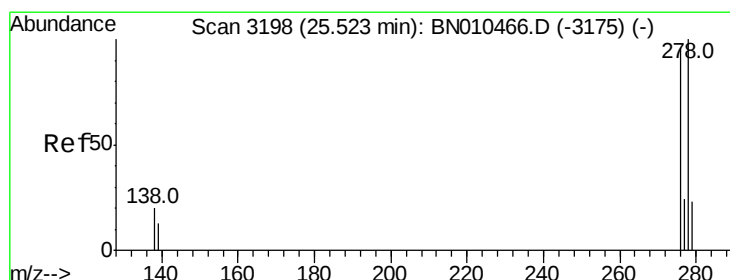
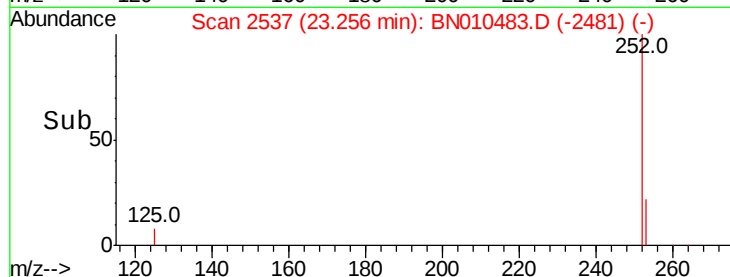
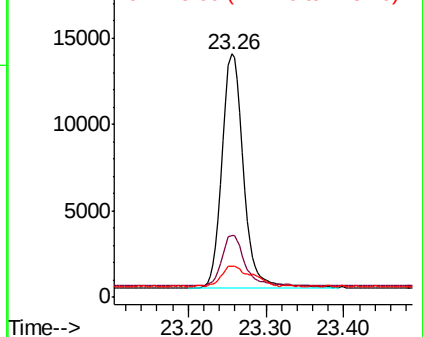
125 12.6 11.0 16.6



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: 0.493 ng

RT: 25.51 min Scan# 3196

Delta R.T. -0.01 min

Lab File: BN010483.D

Acq: 14 Apr 2020 17:53

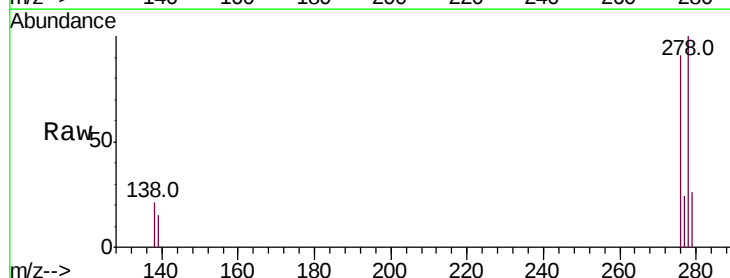
Tgt Ion:278 Resp: 24187

Ion Ratio Lower Upper

278 100

139 14.8 12.3 18.5

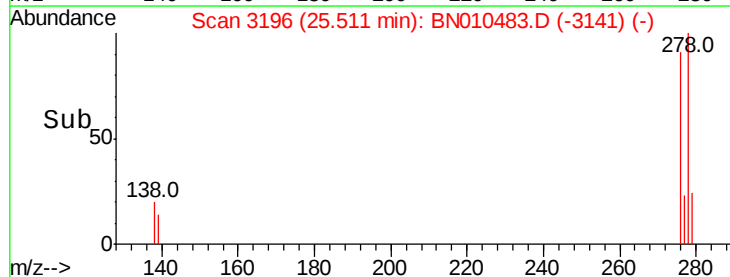
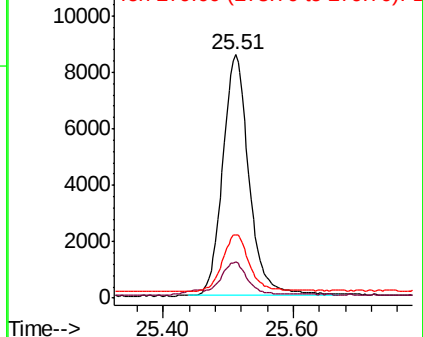
279 26.2 21.9 32.9

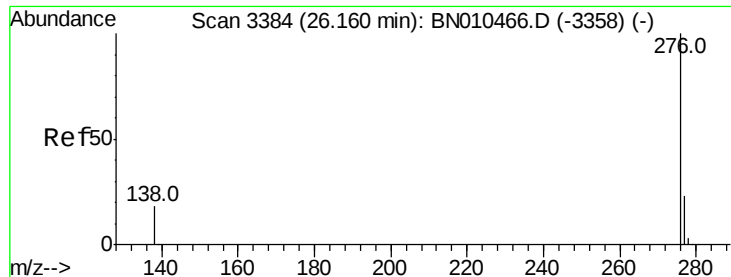


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.512 ng

RT: 26.14 min Scan# 3381

Delta R.T. -0.02 min

Lab File: BN010483.D

Acq: 14 Apr 2020 17:53

Instrument :

BNA_N

ClientSampleId :

PB128219BSD

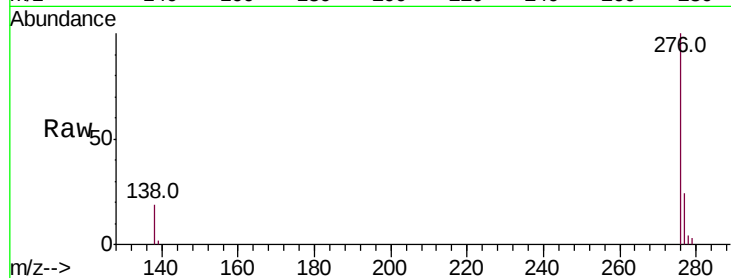
Tot Ion:276 Resp: 25251

Ion Ratio Lower Upper

276 100

277 24.4 20.2 30.2

138 19.0 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

