

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041420\
 Data File : BN010485.D
 Acq On : 14 Apr 2020 19:41
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4EC

Quant Time: Apr 14 20:12:02 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	4234	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	16944	0.40	ng	0.00
13) Acenaphthene-d10	14.22	164	10719	0.40	ng	0.00
19) Phenanthrene-d10	16.97	188	23455	0.40	ng	0.00
27) Chrysene-d12	21.17	240	22539	0.40	ng	-0.01
34) Perylene-d12	23.35	264	18969	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3844	0.41	ng	0.00
5) Phenol-d6	6.79	99	5170	0.43	ng	0.00
8) Nitrobenzene-d5	8.73	82	5149	0.43	ng	-0.01
11) 2-Methylnaphthalene-d10	11.96	152	11281	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1957	0.39	ng	0.00
15) 2-Fluorobiphenyl	12.84	172	17792	0.46	ng	0.00
25) Fluoranthene-d10	19.01	212	28968	0.41	ng	0.00
29) Terphenyl-d14	19.62	244	26420	0.51	ng	0.00

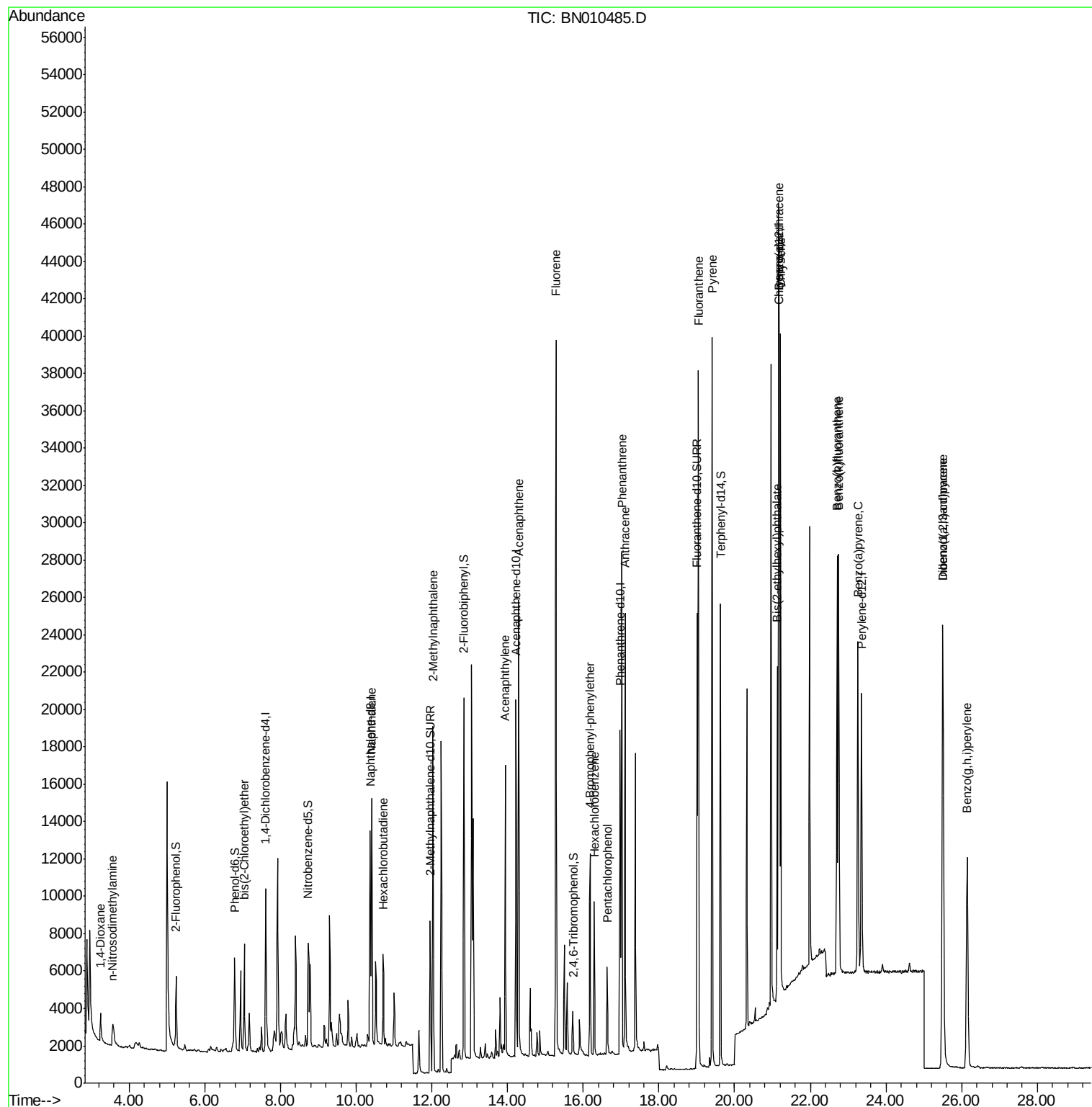
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	1444	0.463	ng	# 92
3) n-Nitrosodimethylamine	3.55	42	1037	0.513	ng	# 87
6) bis(2-Chloroethyl)ether	7.04	93	4781	0.455	ng	99
9) Naphthalene	10.41	128	18173	0.432	ng	99
10) Hexachlorobutadiene	10.71	225	4147	0.409	ng	# 99
12) 2-Methylnaphthalene	12.03	142	13247	0.438	ng	100
16) Acenaphthylene	13.95	152	19175	0.414	ng	99
17) Acenaphthene	14.29	154	12854	0.432	ng	99
18) Fluorene	15.28	166	16829	0.432	ng	100
20) 4-Bromophenyl-phenylether	16.18	248	5543	0.425	ng	96
21) Hexachlorobenzene	16.29	284	6384	0.429	ng	98
22) Pentachlorophenol	16.63	266	2413	0.412	ng	98
23) Phenanthrene	17.02	178	28085	0.443	ng	100
24) Anthracene	17.10	178	26093	0.451	ng	99
26) Fluoranthene	19.04	202	34546	0.438	ng	100
28) Pyrene	19.41	202	35528	0.468	ng	100
30) Benzo(a)anthracene	21.16	228	30581	0.416	ng	98
31) Chrysene	21.22	228	31580	0.431	ng	98
32) Bis(2-ethylhexyl)phthalate	21.12	149	15656	0.415	ng	99
33) Indeno(1,2,3-cd)pyrene	25.50	276	27852	0.430	ng	100
35) Benzo(b)fluoranthene	22.71	252	27333	0.438	ng	99
36) Benzo(k)fluoranthene	22.75	252	27889	0.446	ng	99
37) Benzo(a)pyrene	23.26	252	24810	0.449	ng	98
38) Dibenzo(a,h)anthracene	25.51	278	22826	0.452	ng	99
39) Benzo(g,h,i)perylene	26.15	276	23552	0.463	ng	99

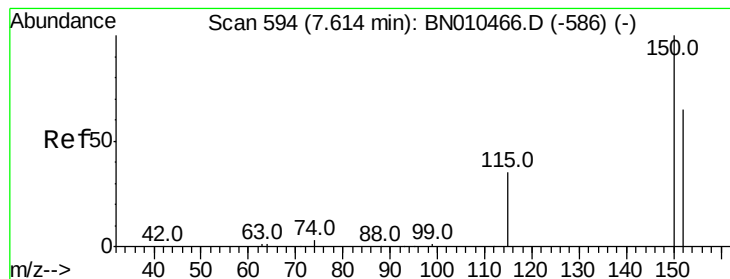
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041420\
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Quant Time: Apr 14 20:12:02 2020
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QLast Update : Mon Apr 13 18:04:22 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.61 min Scan# 593

Delta R.T. -0.01 min

Lab File: BN010485.D

Acq: 14 Apr 2020 19:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

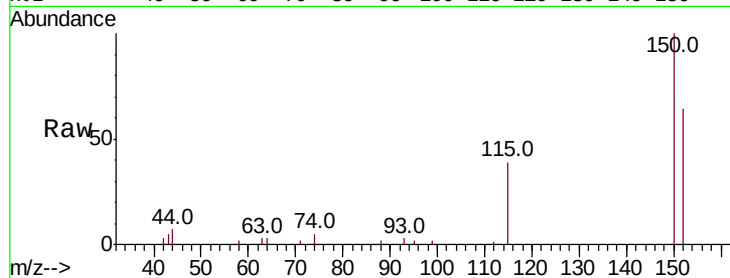
Tot Ion:152 Resp: 4234

Ion Ratio Lower Upper

152 100

150 156.4 121.8 182.6

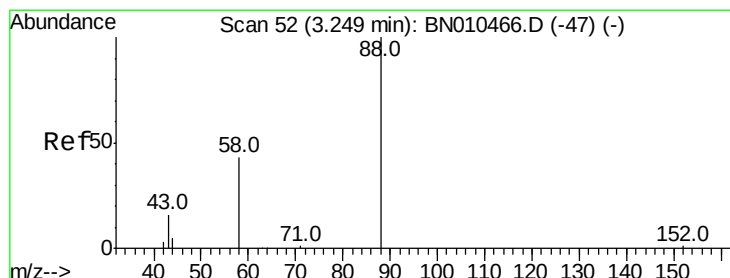
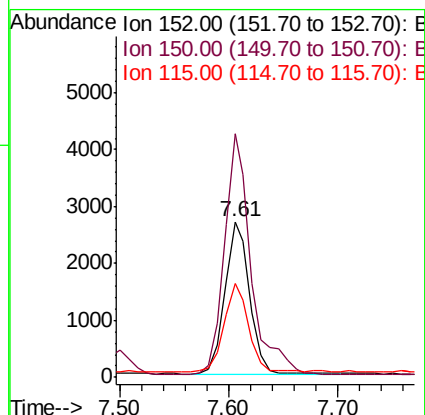
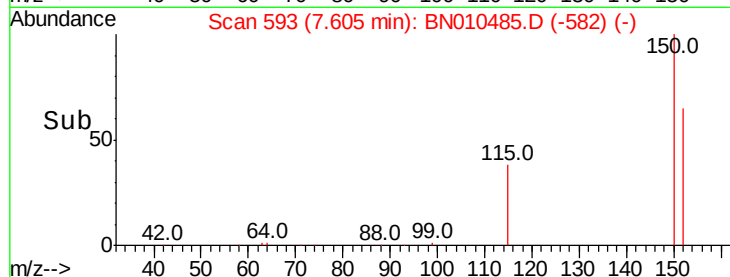
115 60.3 45.5 68.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.463 ng

RT: 3.25 min Scan# 52

Delta R.T. -0.00 min

Lab File: BN010485.D

Acq: 14 Apr 2020 19:41

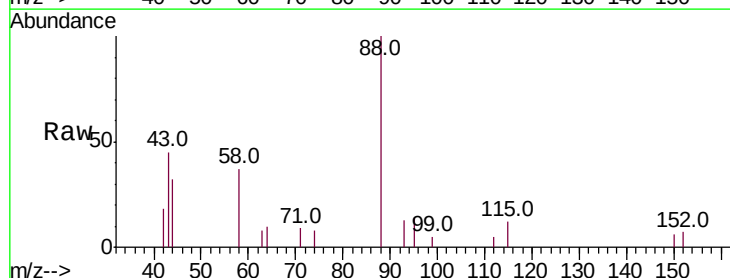
Tgt Ion: 88 Resp: 1444

Ion Ratio Lower Upper

88 100

58 47.1 36.5 54.7

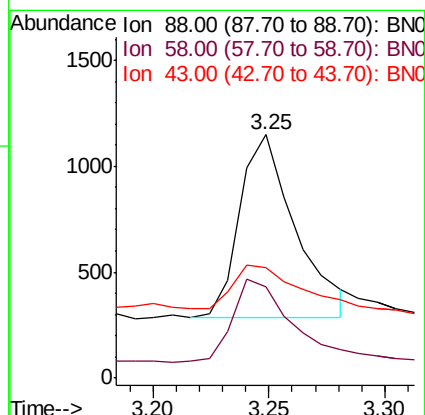
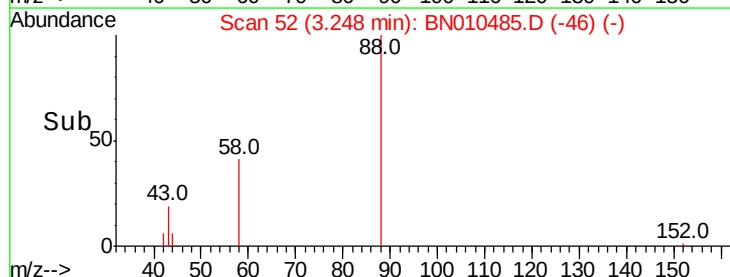
43 27.0 13.2 19.8#

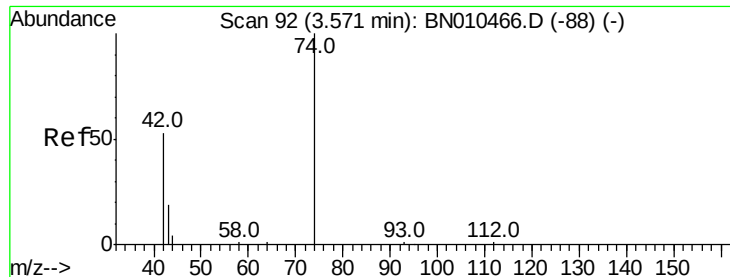


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.513 ng

RT: 3.55 min Scan# 90

Delta R.T. -0.02 min

Lab File: BN010485.D

Acq: 14 Apr 2020 19:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

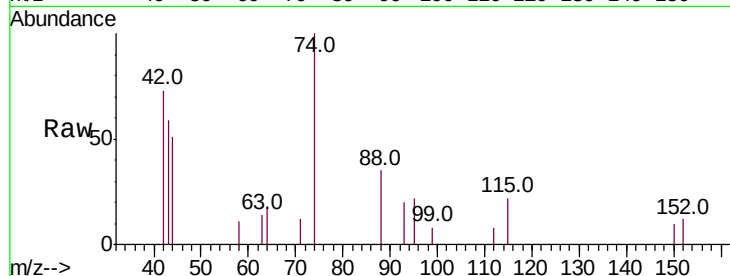
Tot Ion: 42 Resp: 1037

Ion Ratio Lower Upper

42 100

74 183.1 162.2 243.4

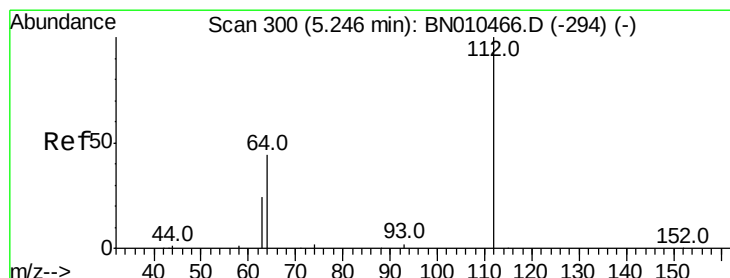
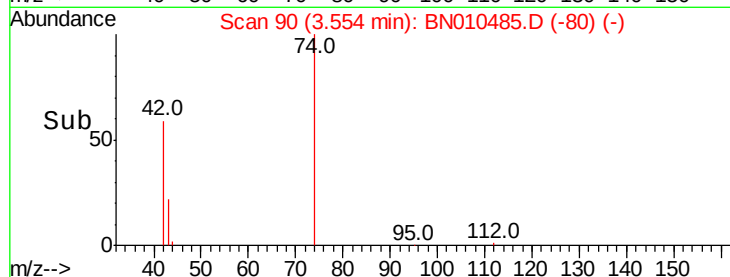
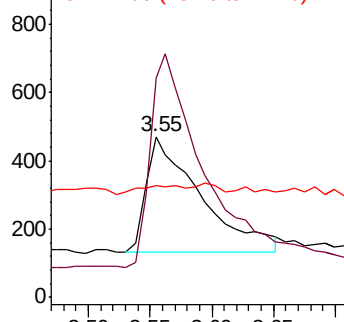
44 4.5 2.4 3.6#



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: 0.415 ng

RT: 5.25 min Scan# 300

Delta R.T. -0.00 min

Lab File: BN010485.D

Acq: 14 Apr 2020 19:41

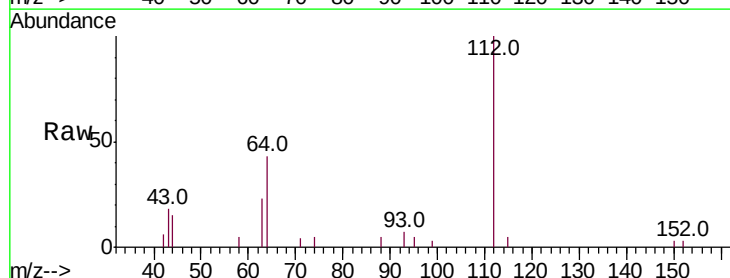
Tgt Ion: 112 Resp: 3844

Ion Ratio Lower Upper

112 100

64 46.1 35.8 53.8

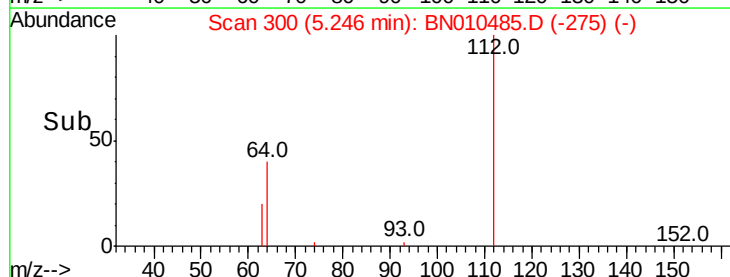
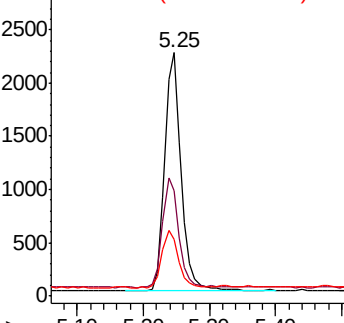
63 23.6 19.9 29.9

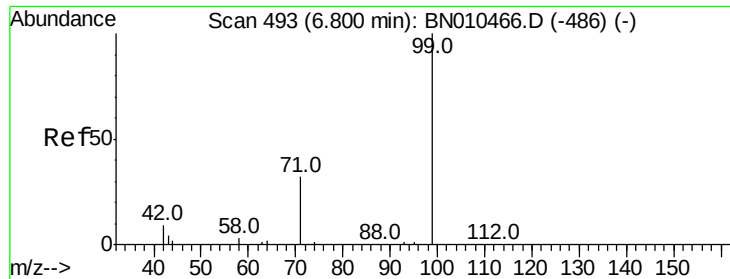


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.427 ng

RT: 6.79 min Scan# 492

Delta R.T. -0.01 min

Lab File: BN010485.D

Acq: 14 Apr 2020 19:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

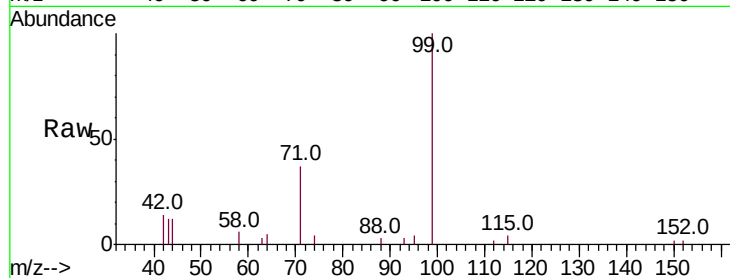
Tot Ion: 99 Resp: 5170

Ion Ratio Lower Upper

99 100

42 12.4 9.8 14.6

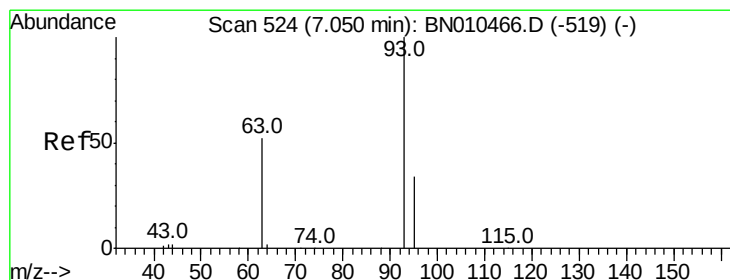
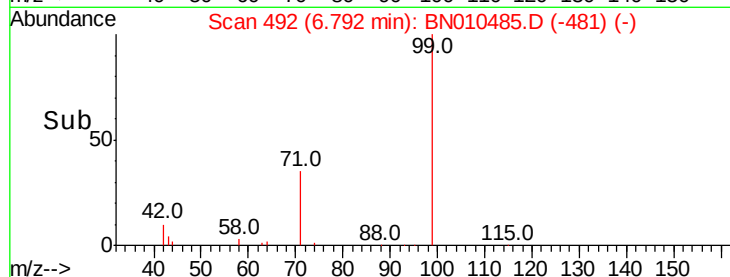
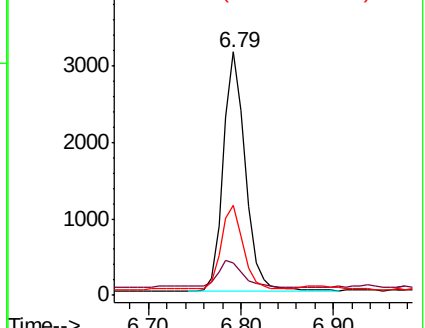
71 34.4 27.8 41.8



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: 0.455 ng

RT: 7.04 min Scan# 523

Delta R.T. -0.01 min

Lab File: BN010485.D

Acq: 14 Apr 2020 19:41

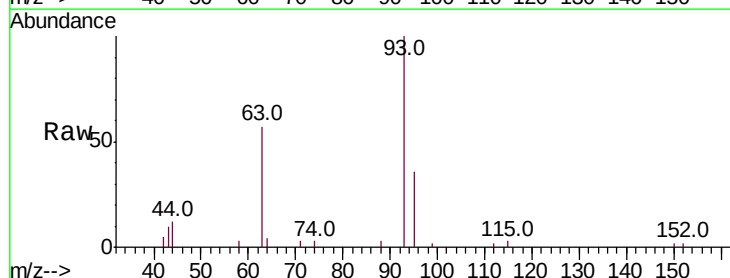
Tgt Ion: 93 Resp: 4781

Ion Ratio Lower Upper

93 100

63 54.7 44.6 66.8

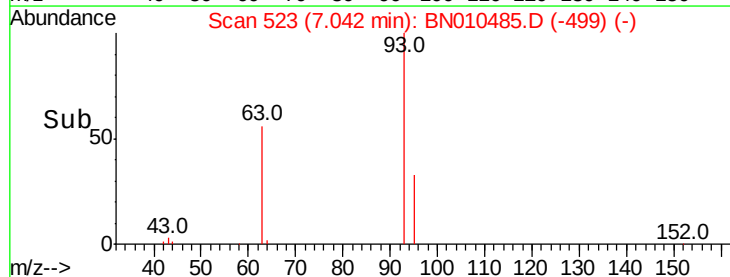
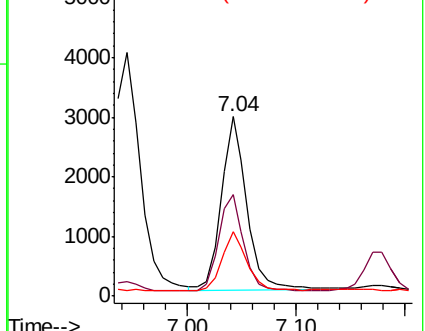
95 32.5 26.5 39.7

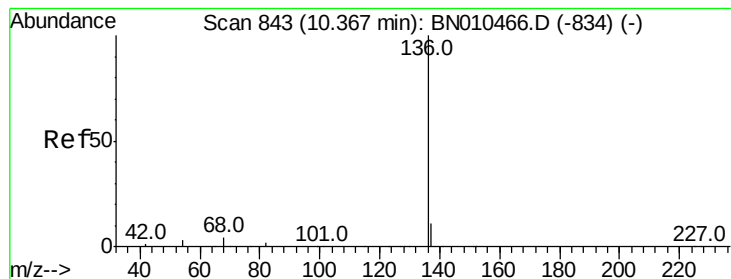


Abundance Ion 93.00 (92.70 to 93.70): BN010466.D (-519) (-)

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

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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.37 min Scan# 843

Delta R.T. -0.00 min

Lab File: BN010485.D

Acq: 14 Apr 2020 19:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:136 Resp: 16944

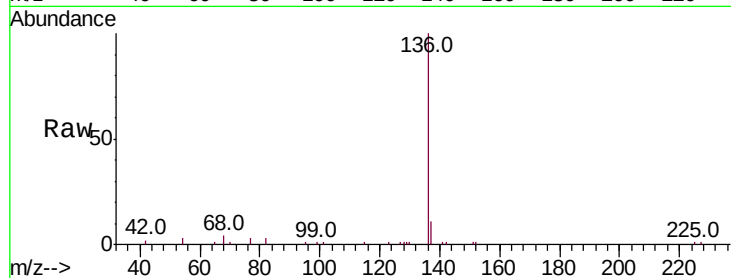
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 2.9 2.6 4.0

68 4.1 3.4 5.2

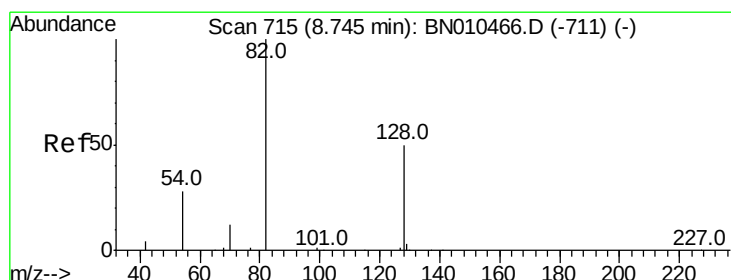
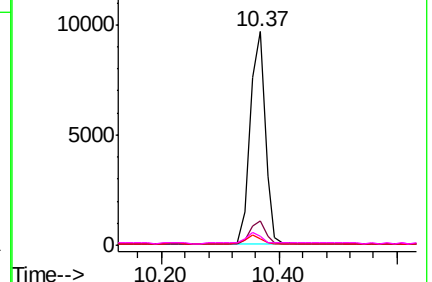
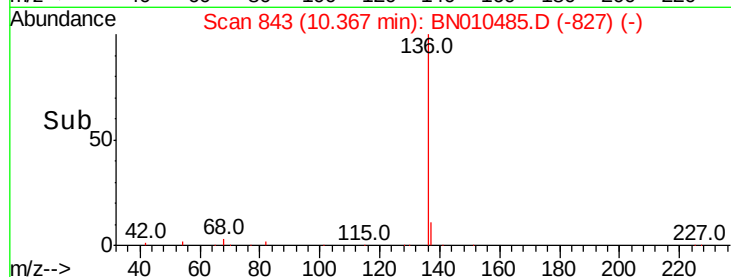


Abundance Ion 136.00 (135.70 to 136.70): E

15000 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: 0.435 ng

RT: 8.73 min Scan# 714

Delta R.T. -0.01 min

Lab File: BN010485.D

Acq: 14 Apr 2020 19:41

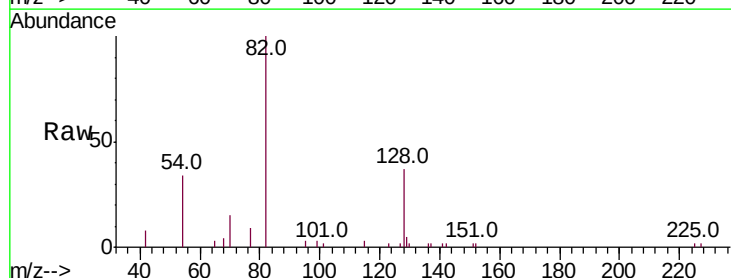
Tgt Ion: 82 Resp: 5149

Ion Ratio Lower Upper

82 100

128 37.3 41.3 61.9#

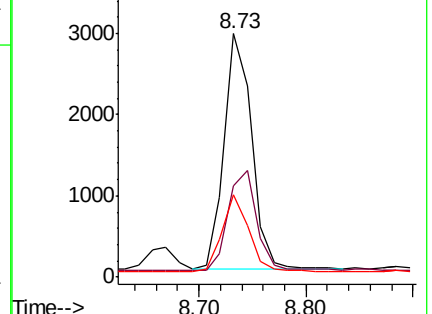
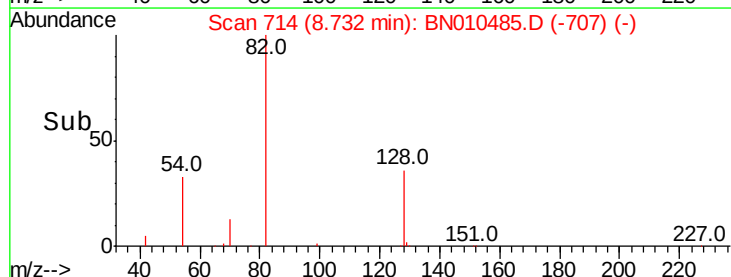
54 33.7 23.4 35.0

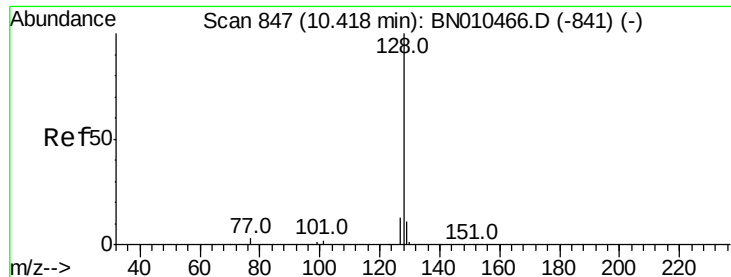


Abundance Ion 82.00 (81.70 to 82.70): BNC

4000 Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.432 ng

RT: 10.41 min Scan# 846

Delta R.T. -0.01 min

Lab File: BN010485.D

Acq: 14 Apr 2020 19:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

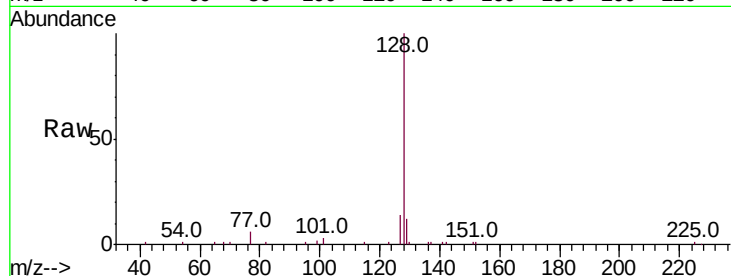
Tot Ion:128 Resp: 18173

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

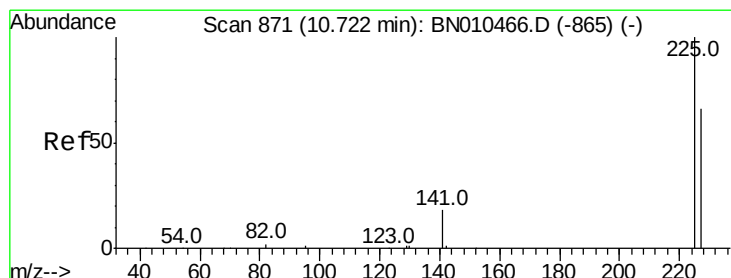
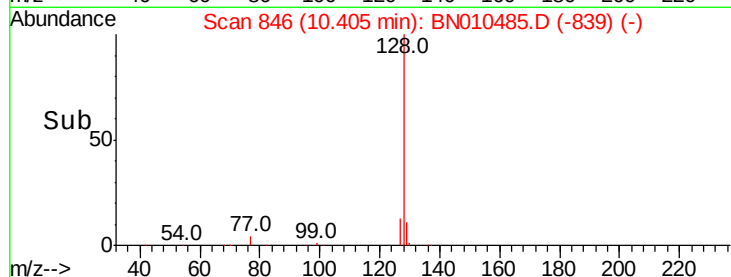
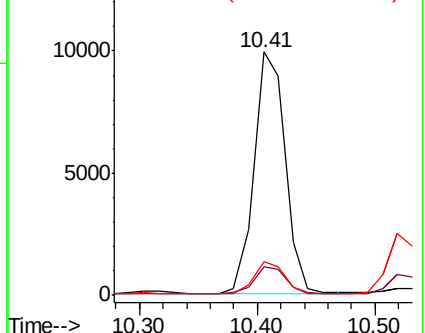
127 13.8 10.5 15.7



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: BN010485.D

Acq: 14 Apr 2020 19:41

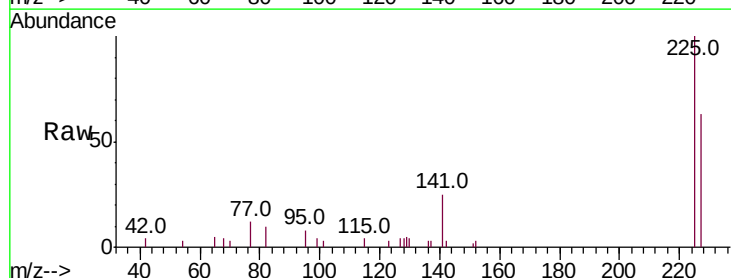
Tgt Ion:225 Resp: 4147

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

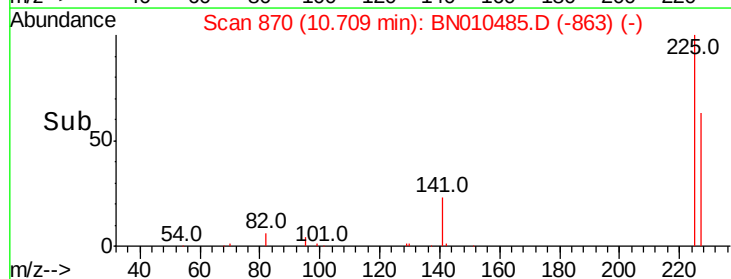
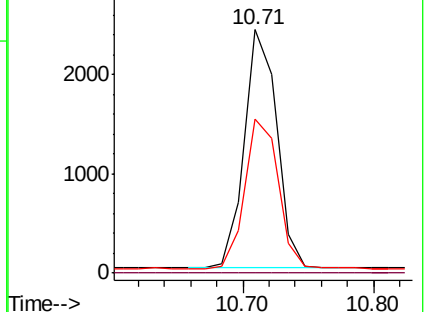
227 63.8 50.6 76.0

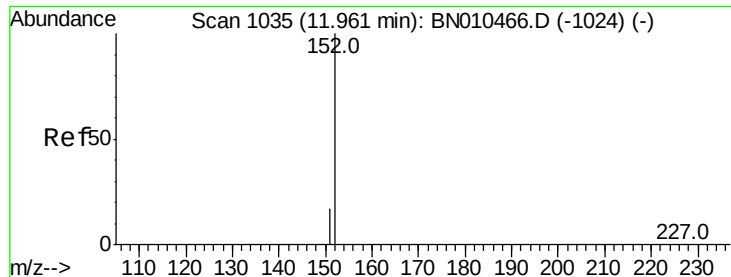


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

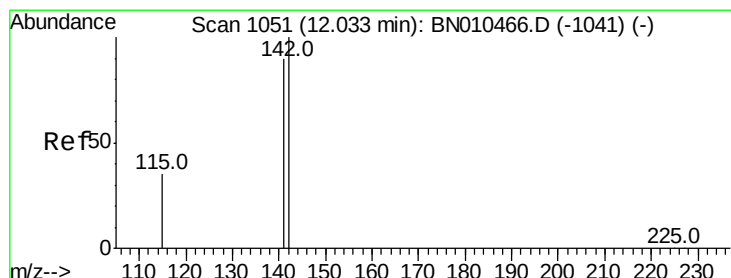
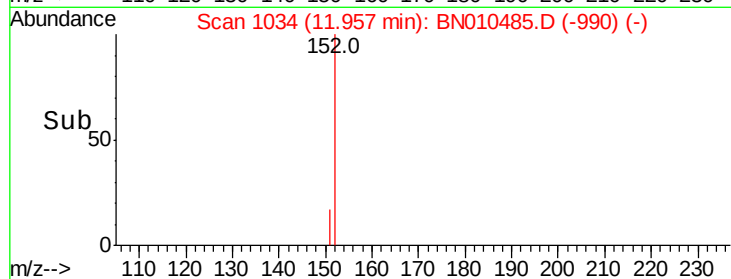
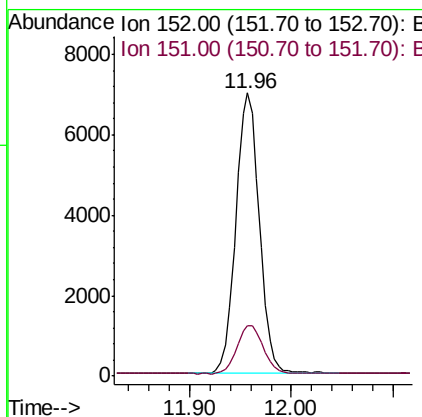
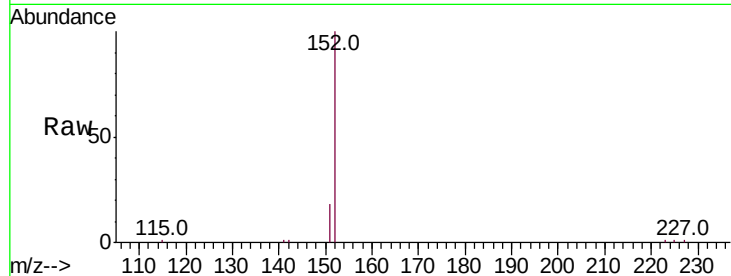




#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 11.96 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

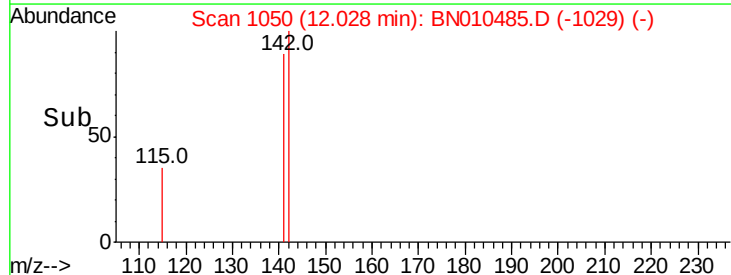
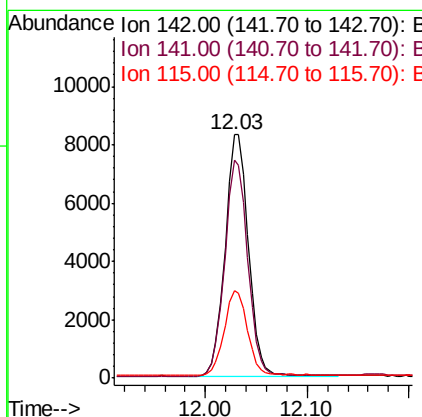
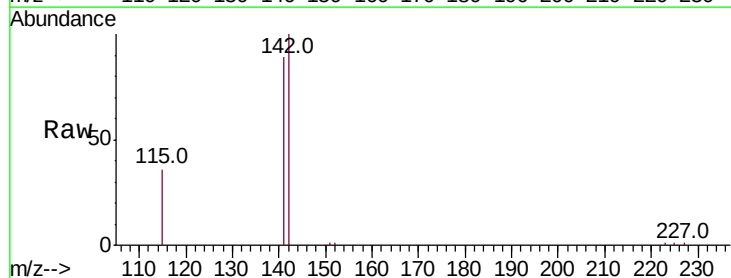
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

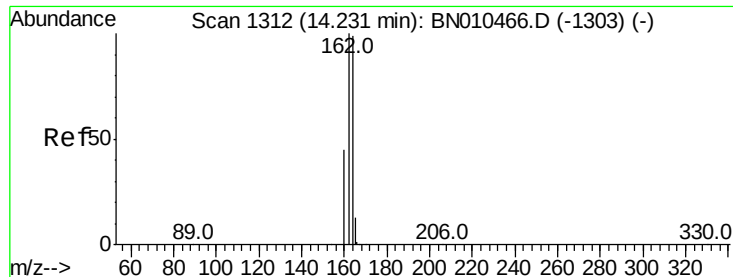
Tot Ion:152 Resp: 11281
Ion Ratio Lower Upper
152 100
151 19.3 15.3 22.9



#12
2-Methylnaphthalene
Concen: 0.438 ng
RT: 12.03 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Tgt Ion:142 Resp: 13247
Ion Ratio Lower Upper
142 100
141 89.3 71.9 107.9
115 36.0 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: BN010485.D

Acq: 14 Apr 2020 19:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

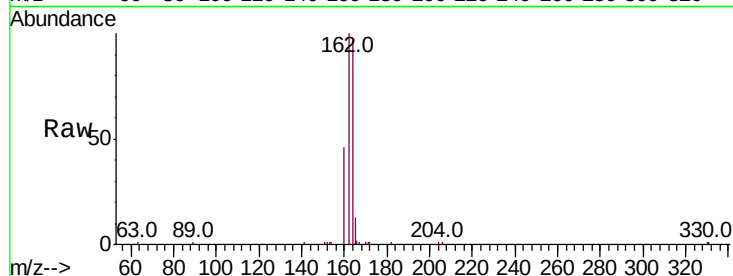
Tot Ion:164 Resp: 10719

Ion Ratio Lower Upper

164 100

162 102.6 80.6 121.0

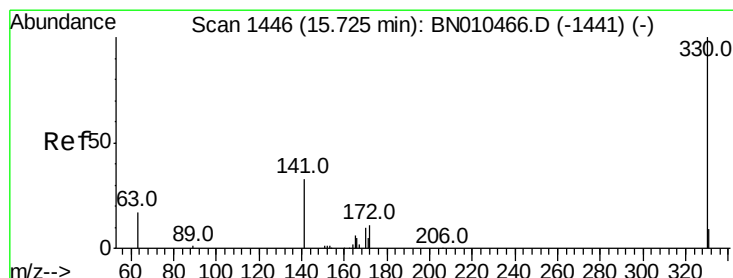
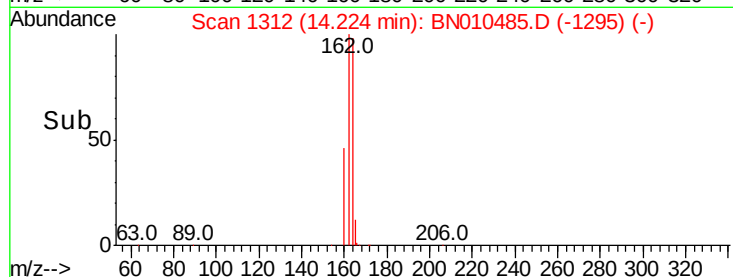
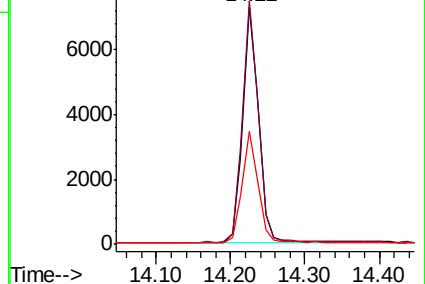
160 47.7 36.5 54.7



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: 0.387 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BN010485.D

Acq: 14 Apr 2020 19:41

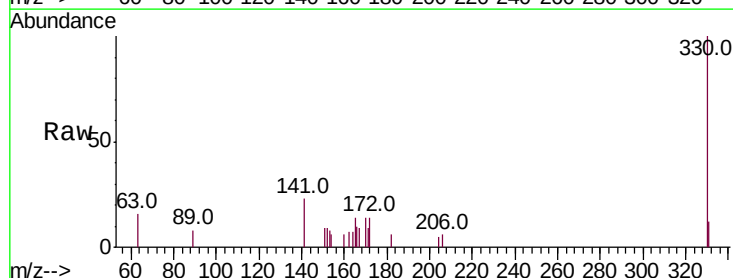
Tgt Ion:330 Resp: 1957

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

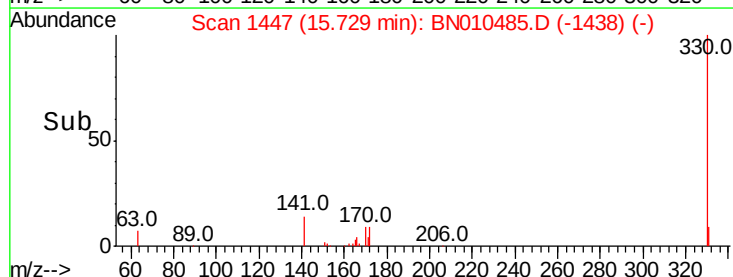
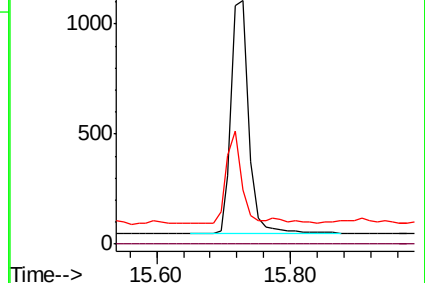
141 34.6 28.1 42.1

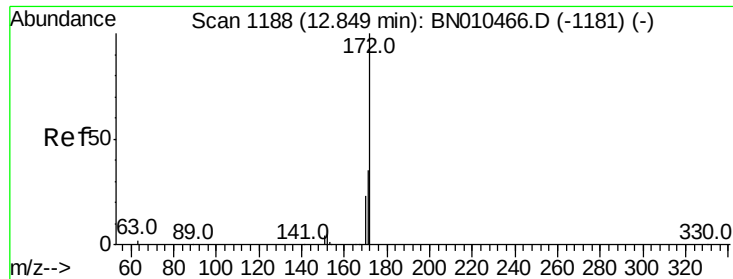


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

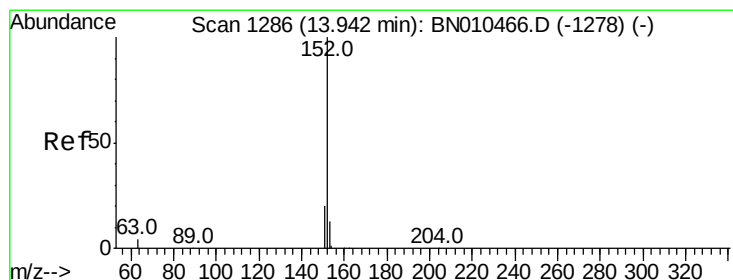
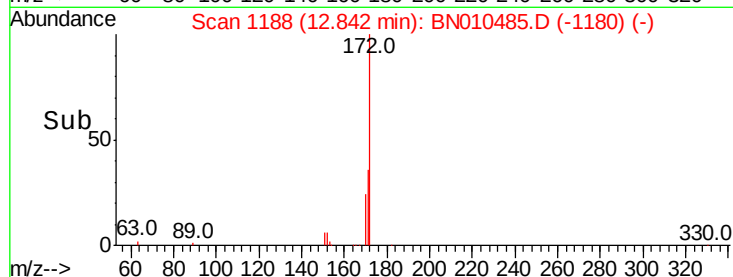
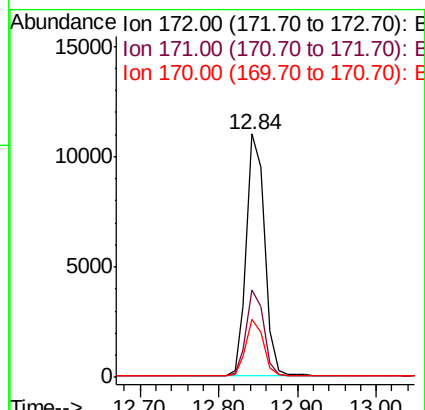
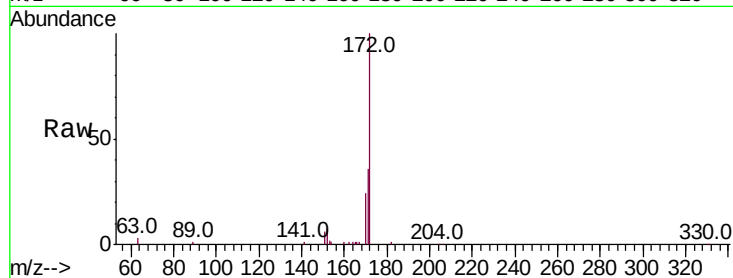




#15
2-Fluorobiphenyl
Concen: 0.456 ng
RT: 12.84 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

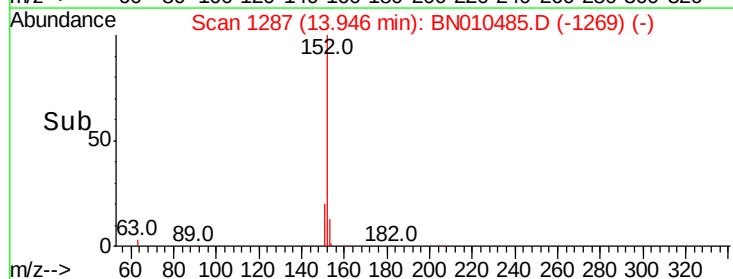
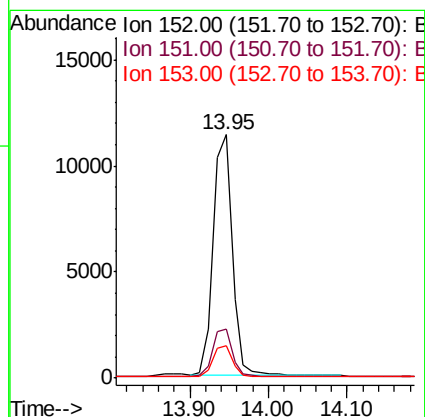
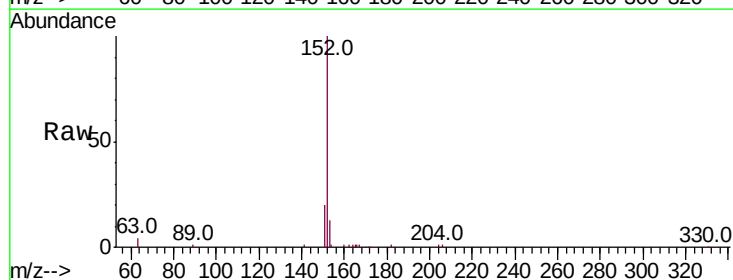
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

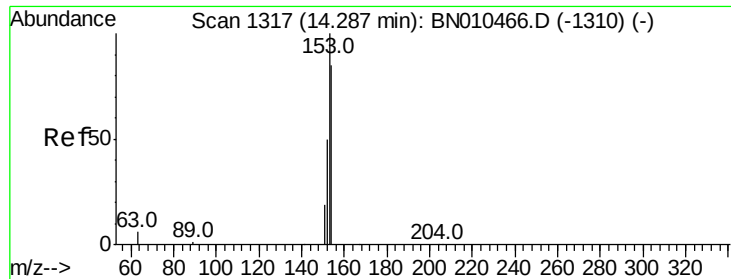
Tot Ion:172 Resp: 17792
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.2
170 23.9 18.4 27.6



#16
Acenaphthylene
Concen: 0.414 ng
RT: 13.95 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Tgt Ion:152 Resp: 19175
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 12.8 10.6 15.8





#17

Acenaphthene

Concen: 0.432 ng

RT: 14.29 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BN010485.D

Acq: 14 Apr 2020 19:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

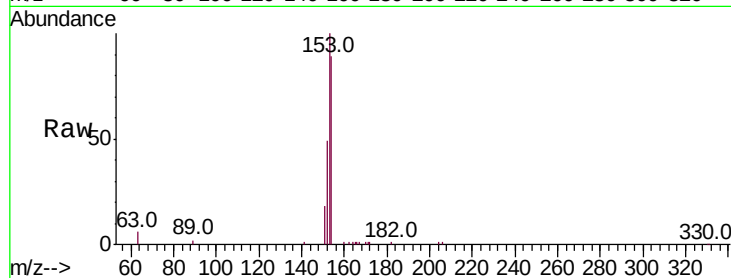
Tot Ion:154 Resp: 12854

Ion Ratio Lower Upper

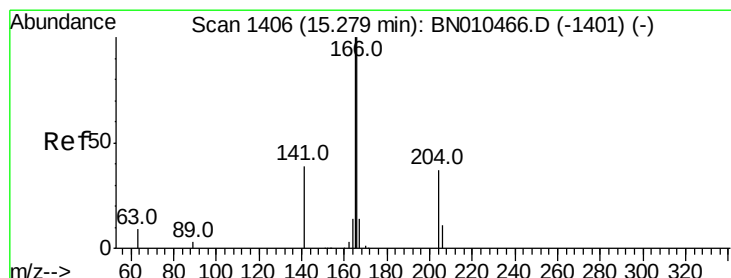
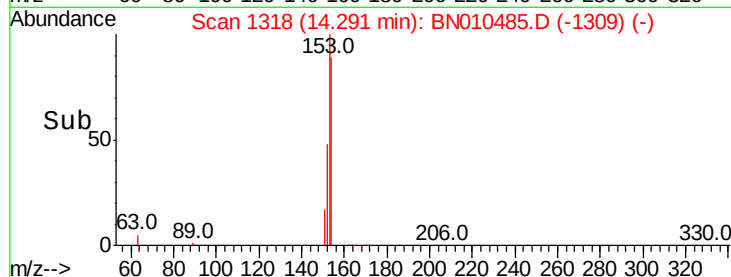
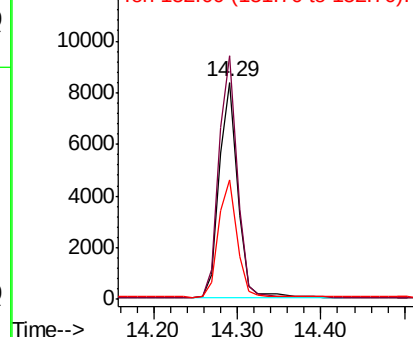
154 100

153 111.9 91.0 136.4

152 55.0 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: 0.432 ng

RT: 15.28 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BN010485.D

Acq: 14 Apr 2020 19:41

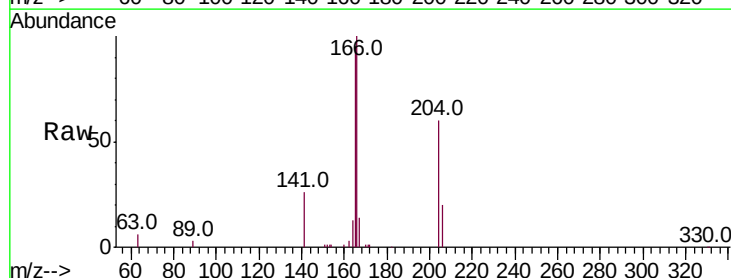
Tgt Ion:166 Resp: 16829

Ion Ratio Lower Upper

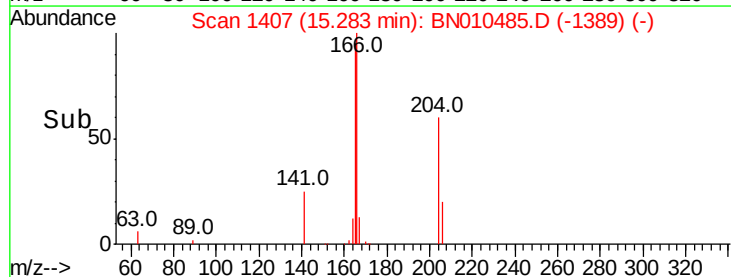
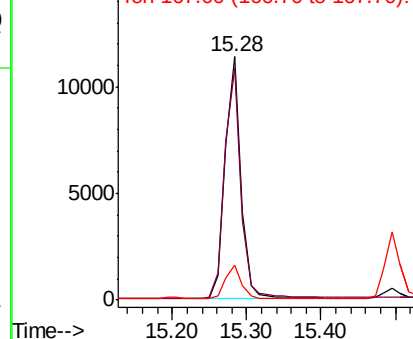
166 100

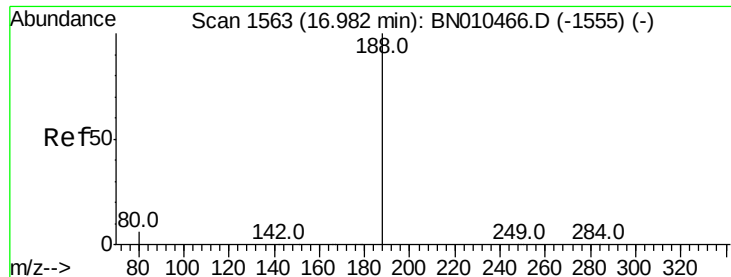
165 97.6 78.4 117.6

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: BN010485.D

Acq: 14 Apr 2020 19:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

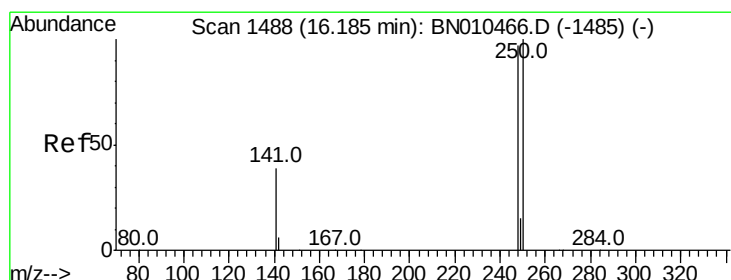
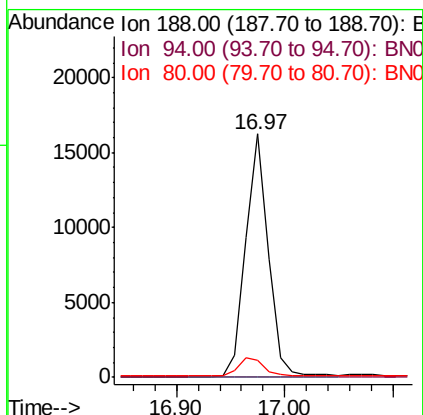
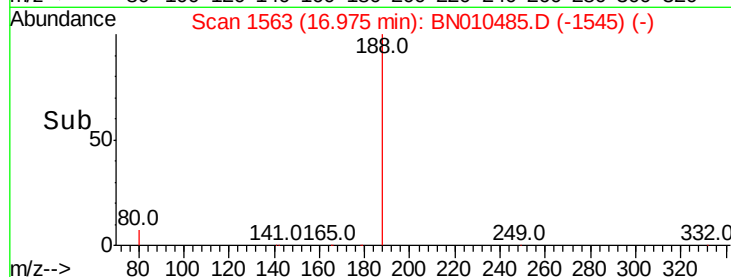
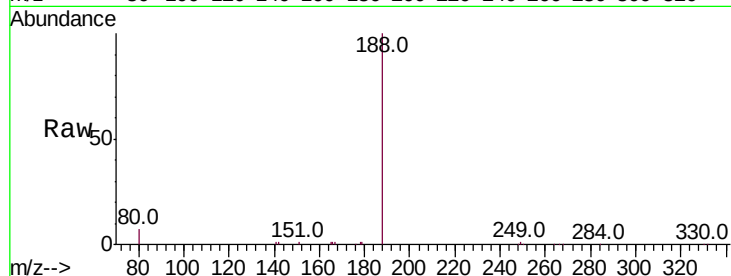
Tot Ion:188 Resp: 23455

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: 0.425 ng

RT: 16.18 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BN010485.D

Acq: 14 Apr 2020 19:41

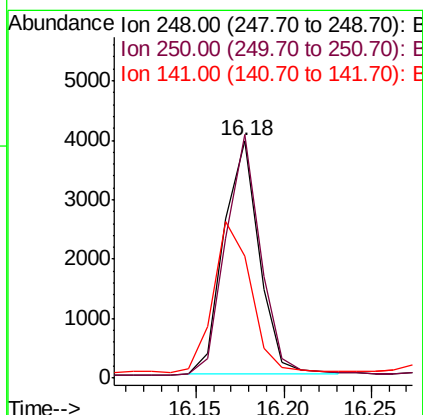
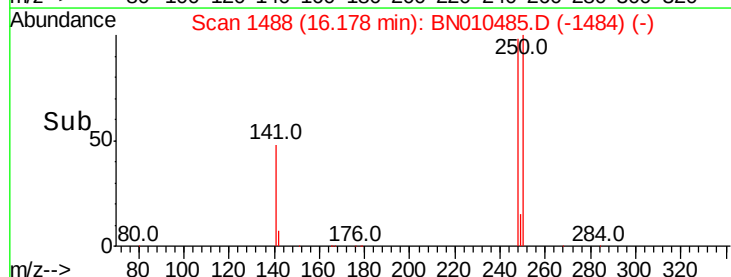
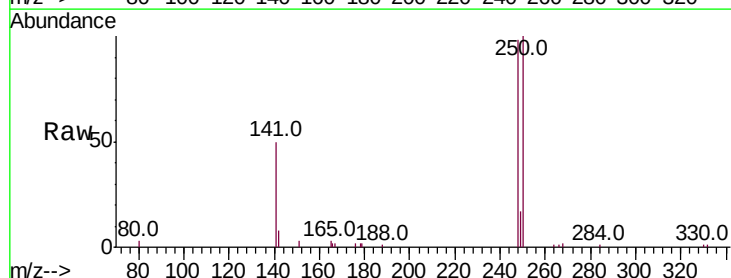
Tgt Ion:248 Resp: 5543

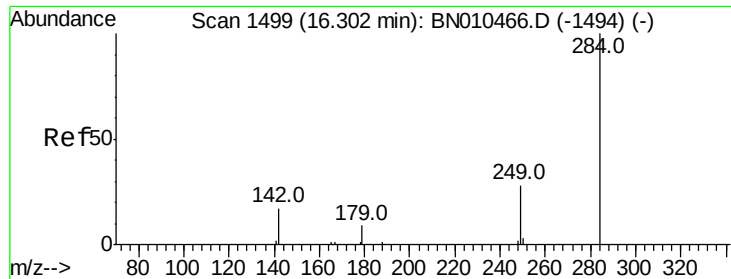
Ion Ratio Lower Upper

248 100

250 102.5 82.3 123.5

141 51.4 35.2 52.8

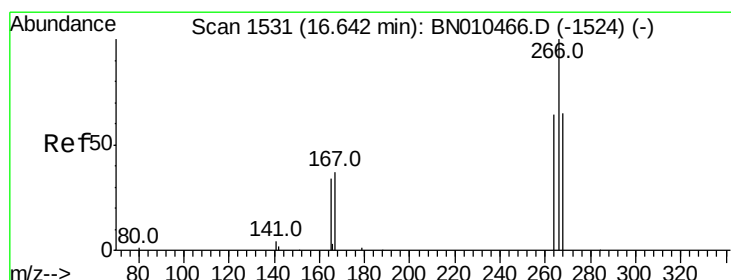
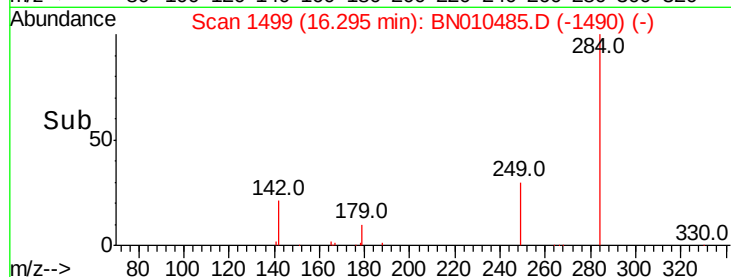
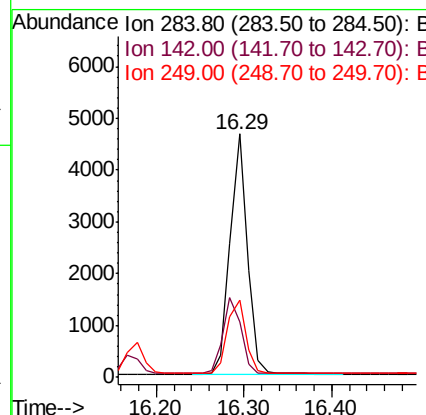
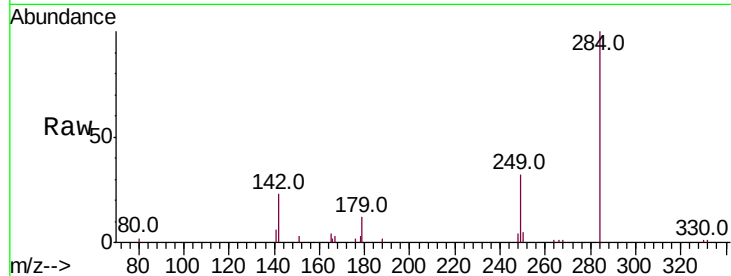




#21
Hexachlorobenzene
Concen: 0.429 ng
RT: 16.29 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

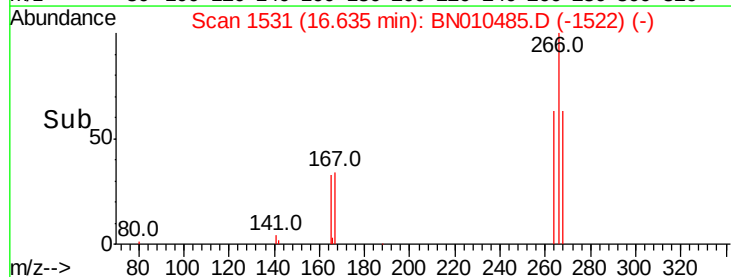
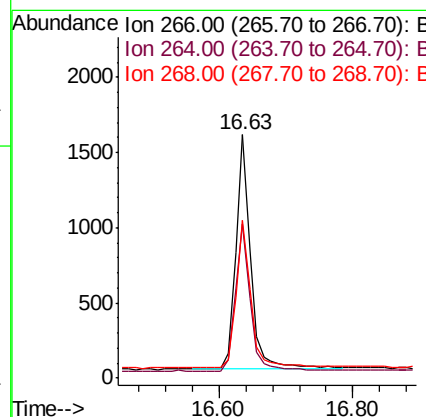
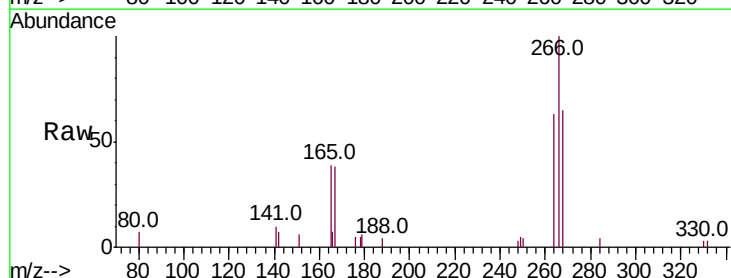
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

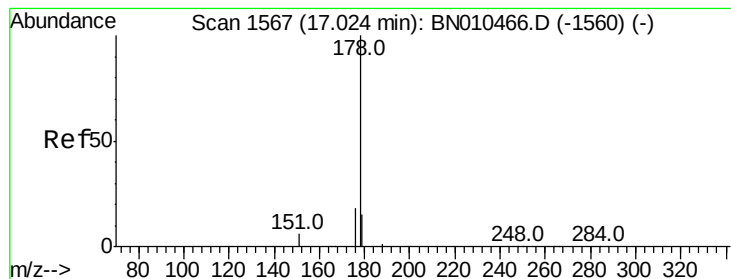
Tot	Ion:284	Resp:	6384
Ion	Ratio	Lower	Upper
284	100		
142	33.3	25.5	38.3
249	33.3	25.8	38.6



#22
Pentachlorophenol
Concen: 0.412 ng
RT: 16.63 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Tgt Ion	266	Resp: Lower	2413 Upper
	Ratio		
266	100		
264	63.2	51.8	77.6
268	65.0	53.7	80.5





#23

Phenanthrene

Concen: 0.443 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BN010485.D

Acq: 14 Apr 2020 19:41

Instrument :

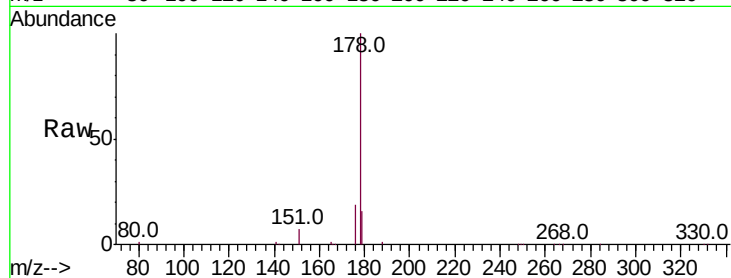
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:178 Resp: 28085

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	15.7	12.6	18.8

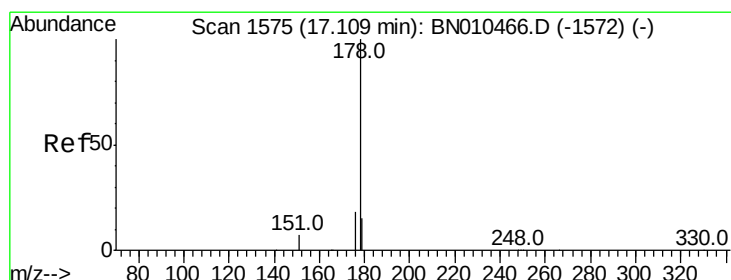
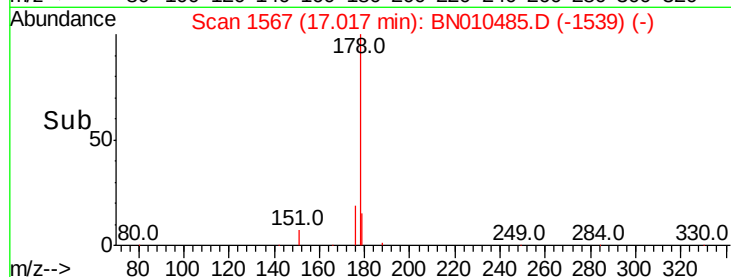
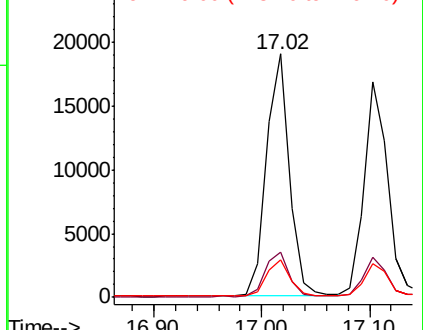


Abundance

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: 0.451 ng

RT: 17.10 min Scan# 1575

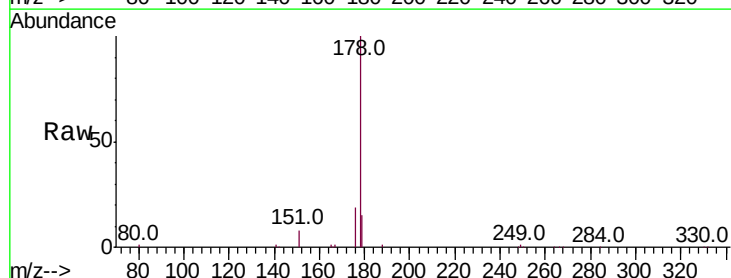
Delta R.T. -0.01 min

Lab File: BN010485.D

Acq: 14 Apr 2020 19:41

Tgt Ion:178 Resp: 26093

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	14.8	12.2	18.2

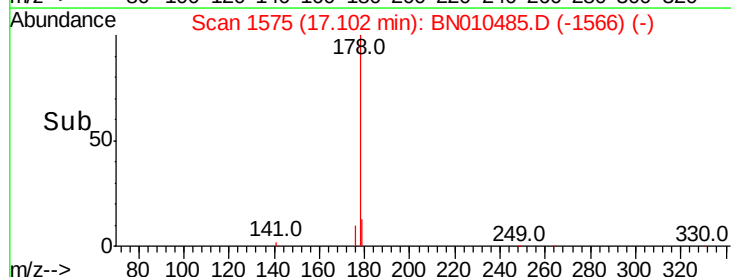
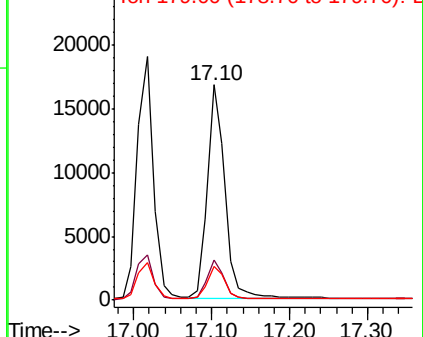


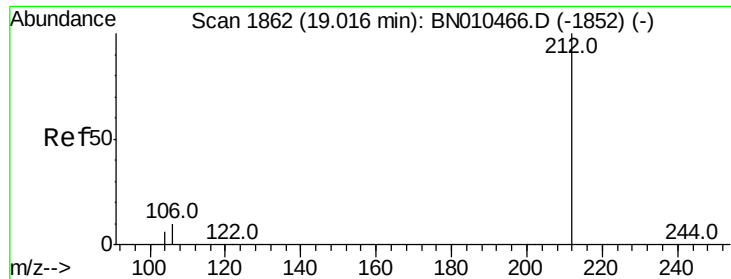
Abundance

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: 0.407 ng

RT: 19.01 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BN010485.D

Acq: 14 Apr 2020 19:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

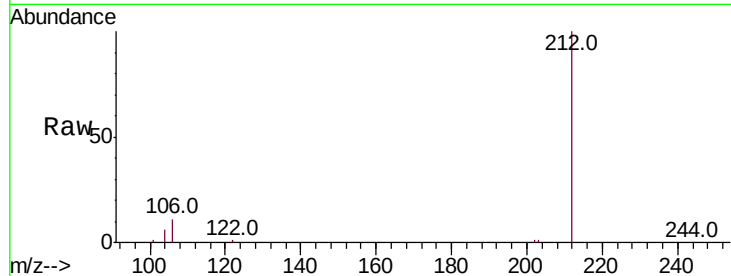
Tot Ion:212 Resp: 28968

Ion Ratio Lower Upper

212 100

106 10.0 7.8 11.6

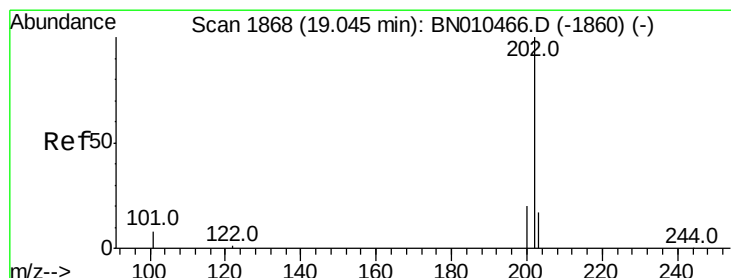
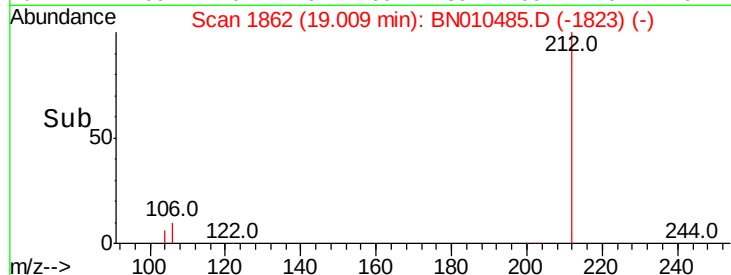
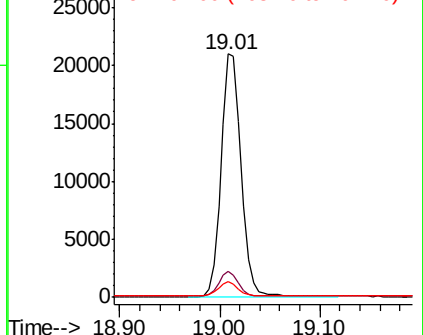
104 5.7 4.5 6.7



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: 0.438 ng

RT: 19.04 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BN010485.D

Acq: 14 Apr 2020 19:41

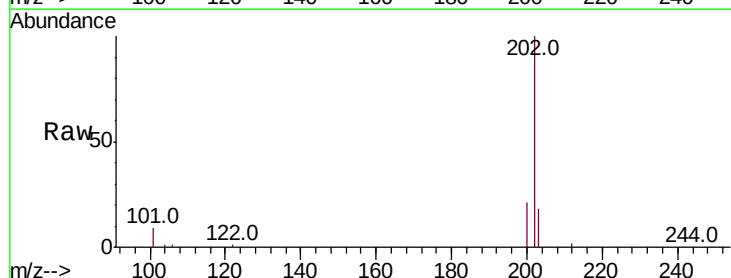
Tgt Ion:202 Resp: 34546

Ion Ratio Lower Upper

202 100

101 8.5 6.9 10.3

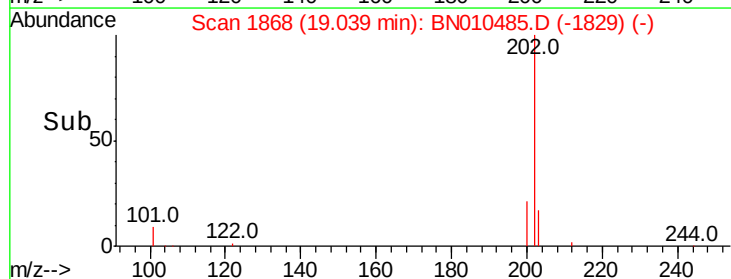
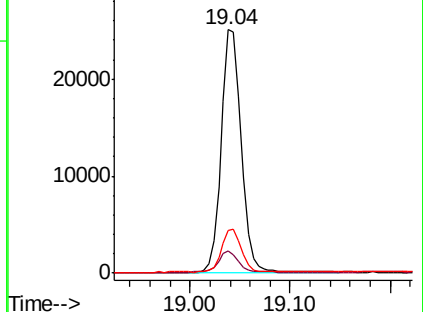
203 17.2 13.9 20.9

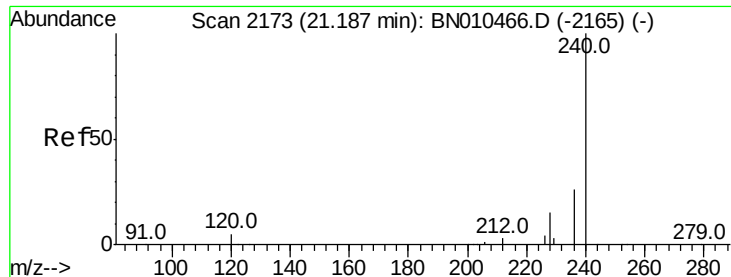


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

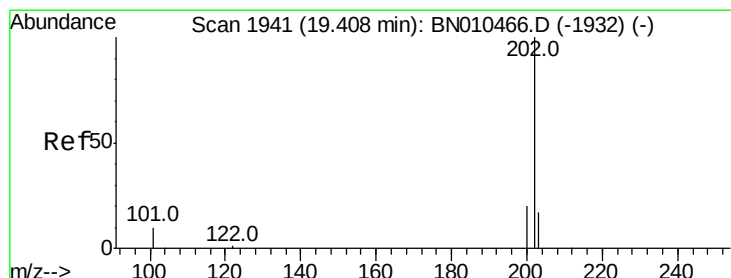
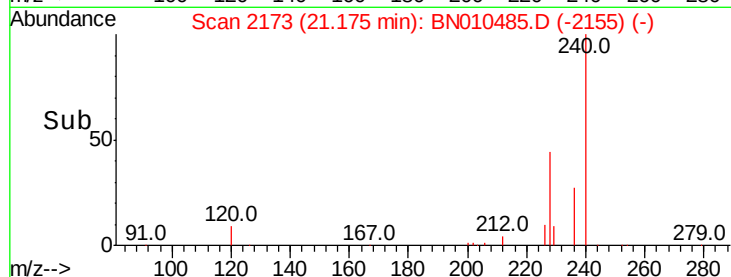
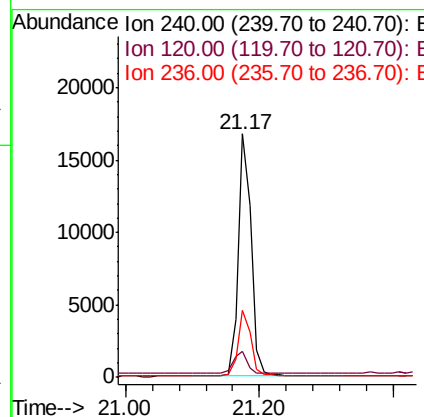
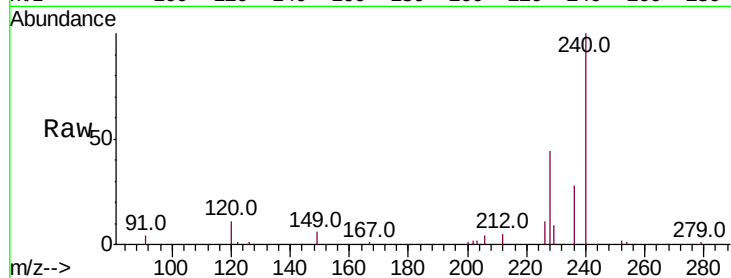




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

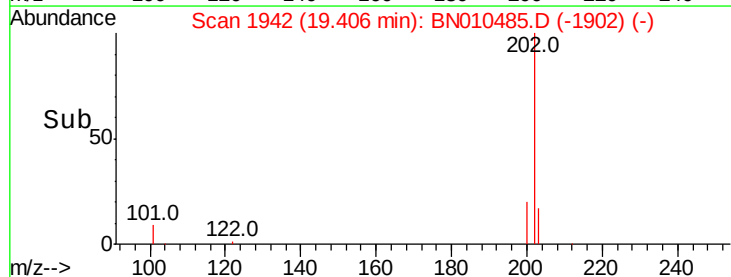
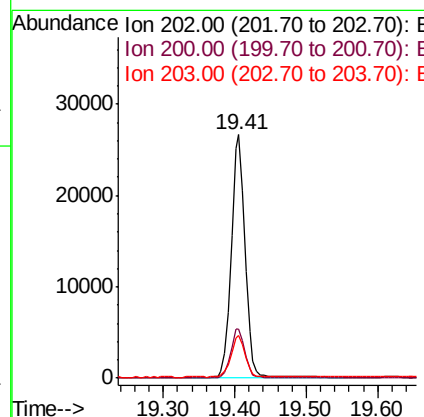
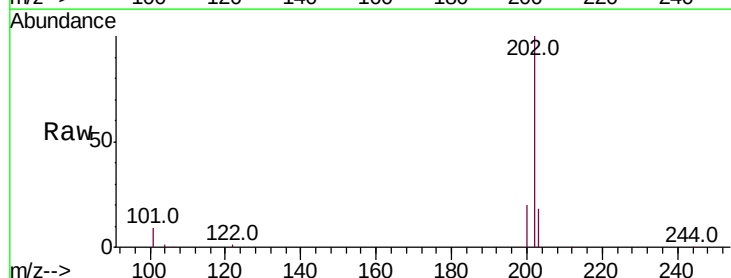
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

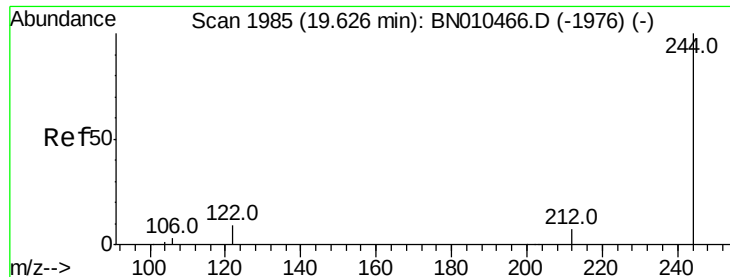
Tot Ion:240 Resp: 22539
Ion Ratio Lower Upper
240 100
120 10.7 4.8 7.2#
236 27.5 21.4 32.0



#28
Pyrene
Concen: 0.468 ng
RT: 19.41 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Tgt Ion:202 Resp: 35528
Ion Ratio Lower Upper
202 100
200 20.4 16.3 24.5
203 17.9 14.0 21.0





#29

Terphenyl-d14

Concen: 0.512 ng

RT: 19.62 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BN010485.D

Acq: 14 Apr 2020 19:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

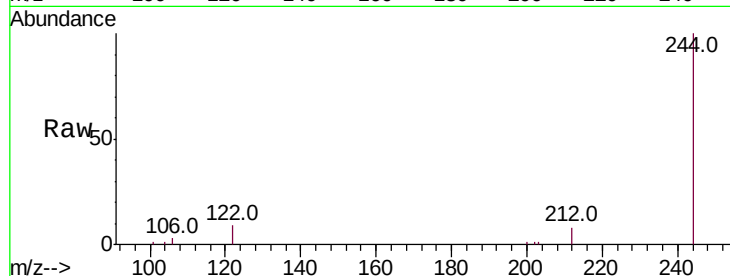
Tot Ion:244 Resp: 26420

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.4

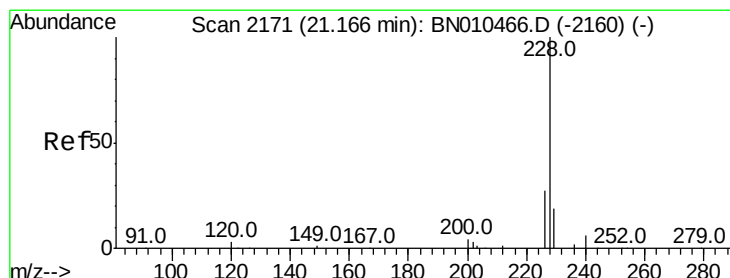
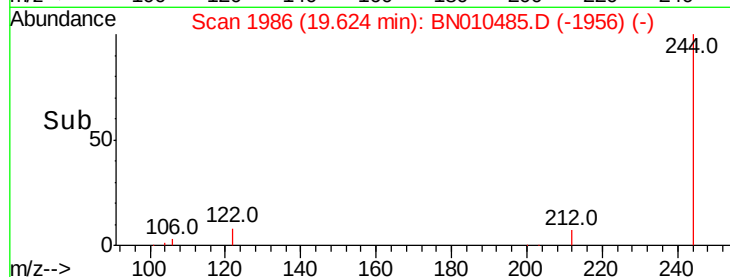
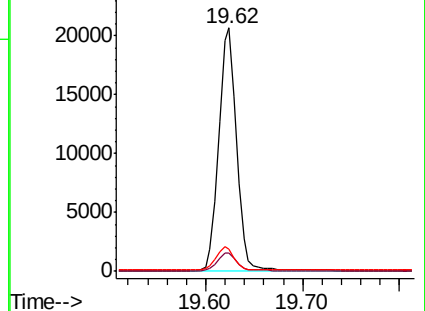
122 9.1 7.8 11.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.416 ng

RT: 21.16 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BN010485.D

Acq: 14 Apr 2020 19:41

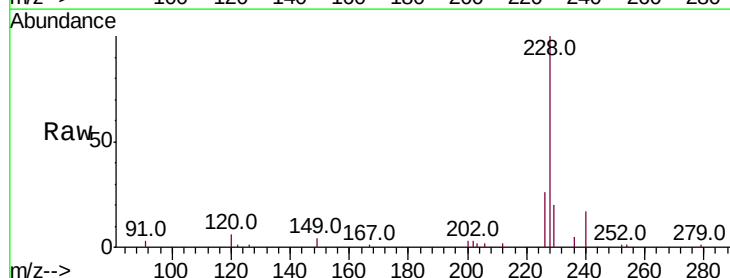
Tgt Ion:228 Resp: 30581

Ion Ratio Lower Upper

228 100

226 26.1 21.7 32.5

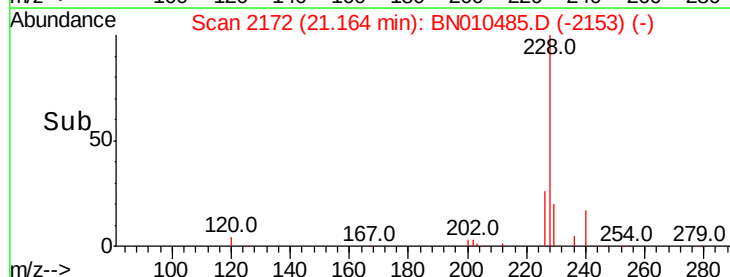
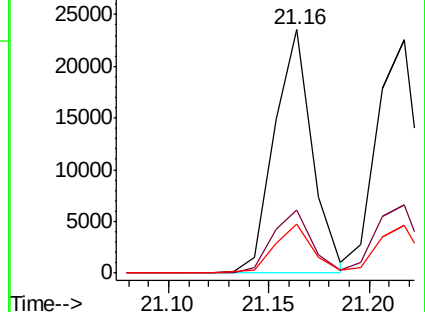
229 20.4 15.6 23.4

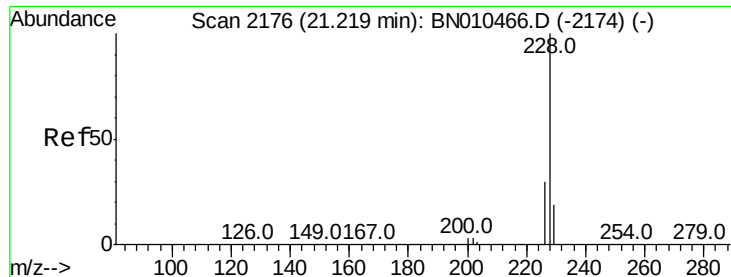


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.431 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BN010485.D

Acq: 14 Apr 2020 19:41

Instrument :

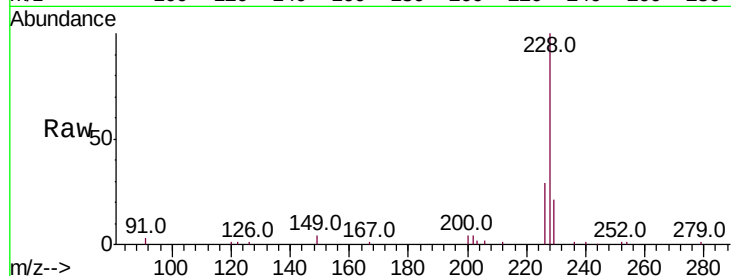
BNA_N

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 31580

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.0	36.0
229	20.6	15.8	23.6

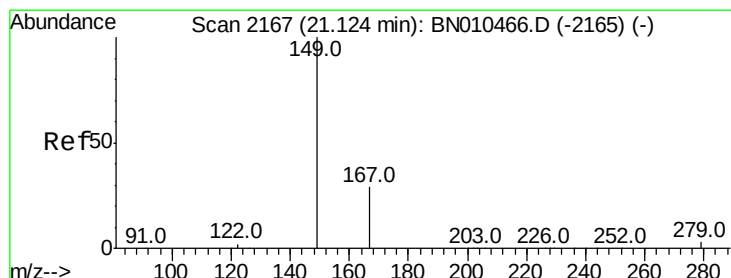
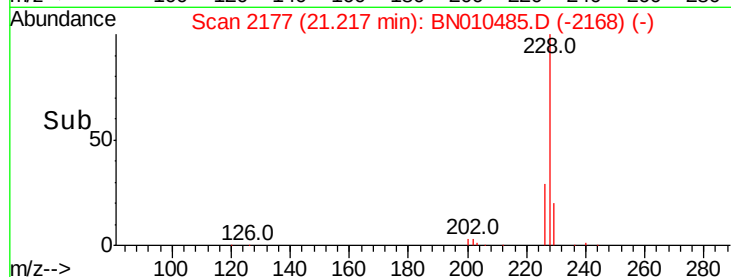
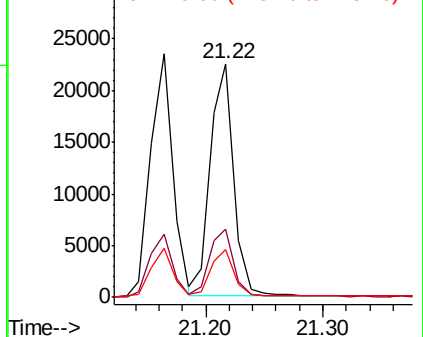


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.415 ng

RT: 21.12 min Scan# 2168

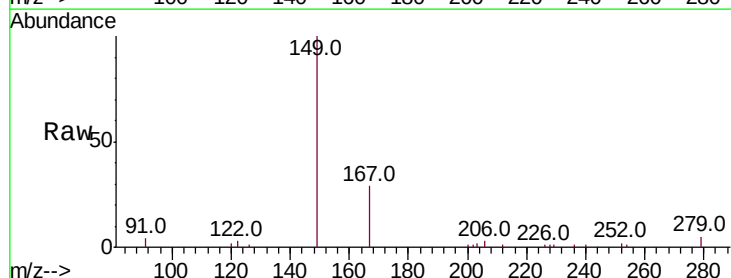
Delta R.T. -0.00 min

Lab File: BN010485.D

Acq: 14 Apr 2020 19:41

Tgt Ion:149 Resp: 15656

Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.4	35.0
279	4.7	4.0	6.0

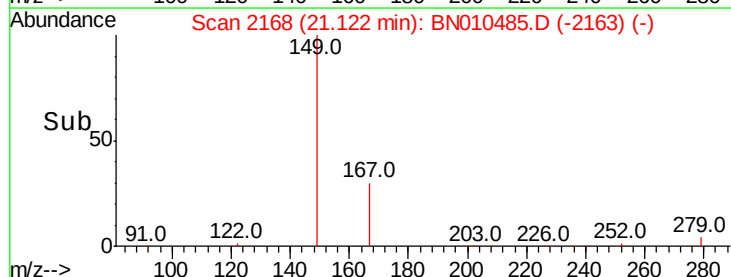
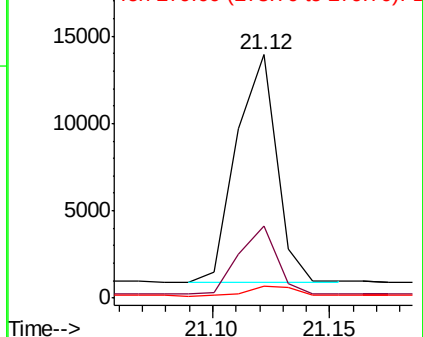


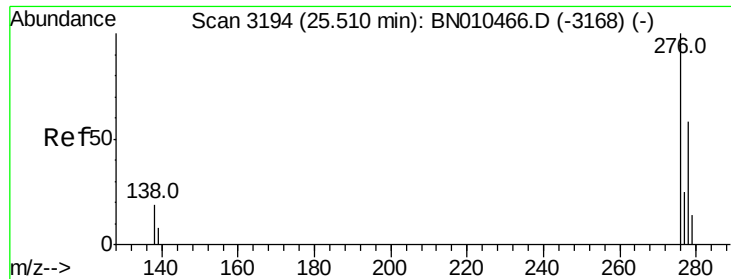
Abundance

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: 0.430 ng

RT: 25.50 min Scan# 3192

Delta R.T. -0.01 min

Lab File: BN010485.D

Acq: 14 Apr 2020 19:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

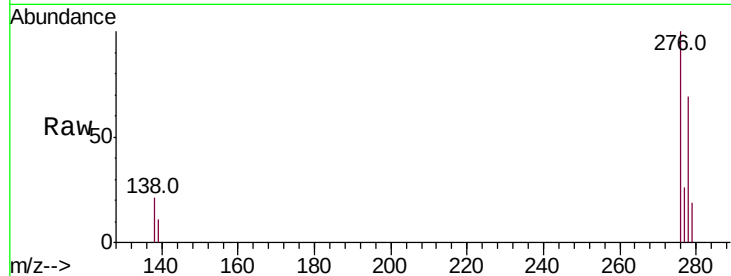
Tot Ion:276 Resp: 27852

Ion Ratio Lower Upper

276 100

138 20.7 16.4 24.6

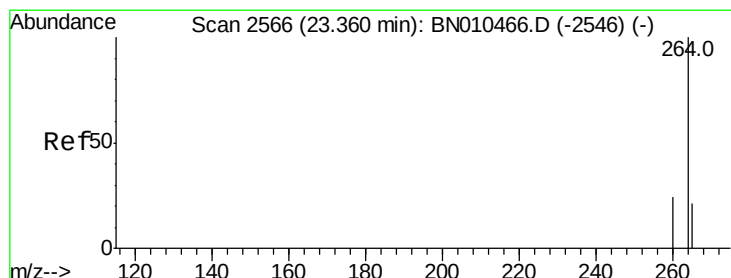
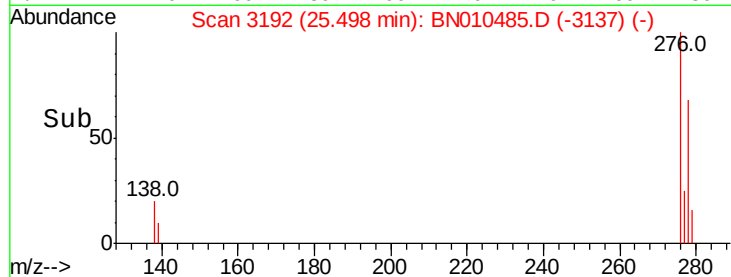
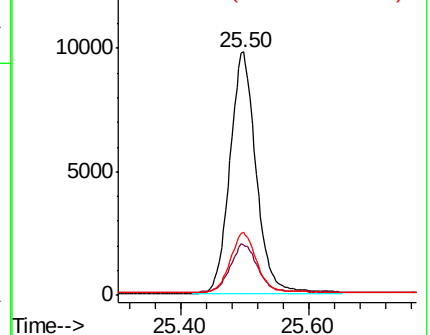
277 24.8 19.8 29.6



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: 23.35 min Scan# 2565

Delta R.T. -0.01 min

Lab File: BN010485.D

Acq: 14 Apr 2020 19:41

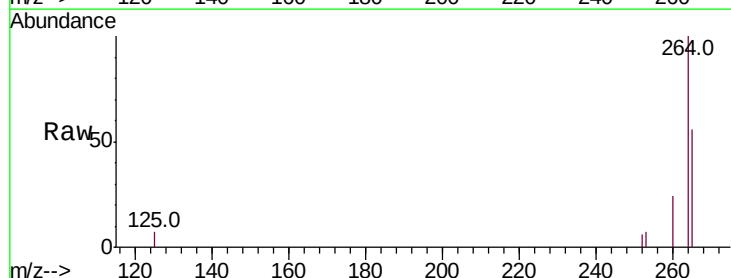
Tgt Ion:264 Resp: 18969

Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.8

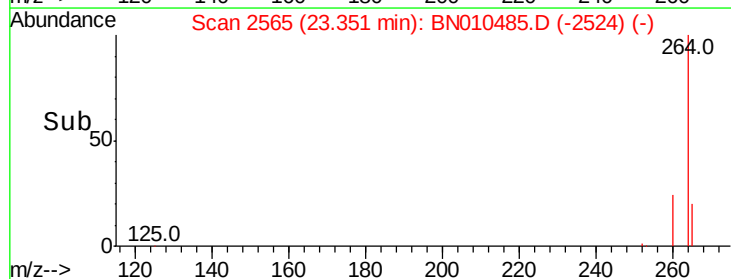
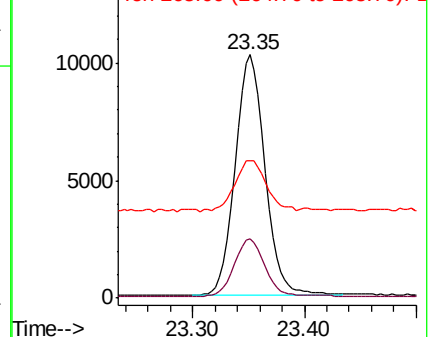
265 56.4 42.3 63.5

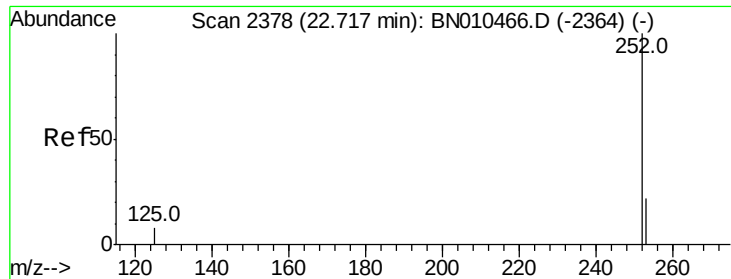


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

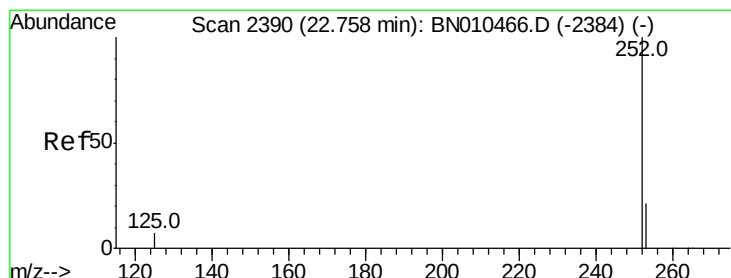
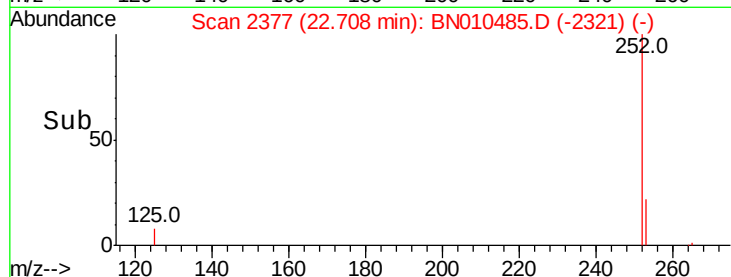
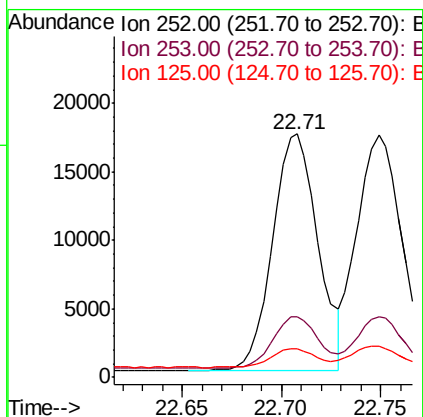
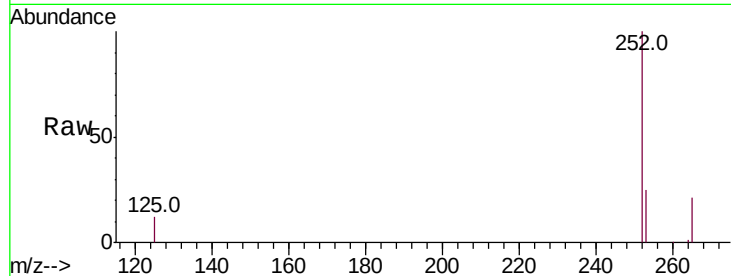




#35
Benzo(b)fluoranthene
Concen: 0.438 ng
RT: 22.71 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

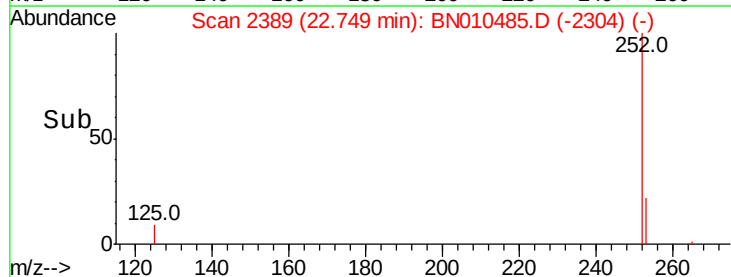
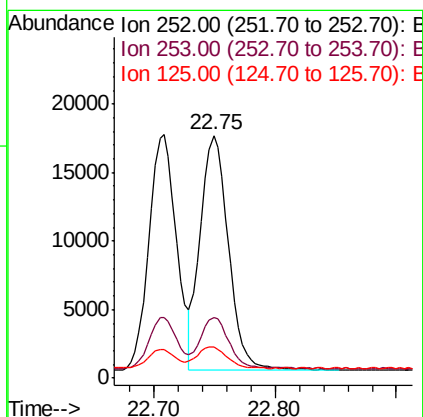
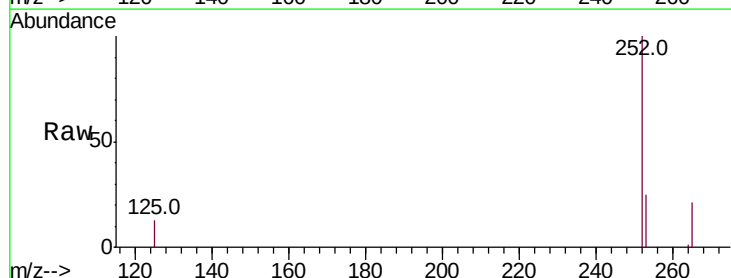
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

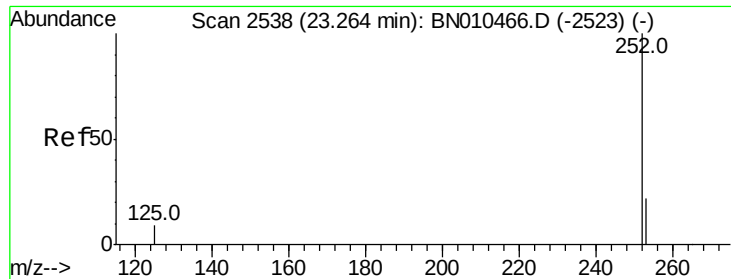
Tot Ion:252 Resp: 27333
Ion Ratio Lower Upper
252 100
253 24.9 20.2 30.4
125 11.8 9.2 13.8



#36
Benzo(k)fluoranthene
Concen: 0.446 ng
RT: 22.75 min Scan# 2389
Delta R.T. -0.01 min
Lab File: BN010485.D
Acq: 14 Apr 2020 19:41

Tgt Ion:252 Resp: 27889
Ion Ratio Lower Upper
252 100
253 24.9 20.1 30.1
125 12.7 9.6 14.4





#37

Benzo(a)pyrene

Concen: 0.449 ng

RT: 23.26 min Scan# 2537

Delta R.T. -0.01 min

Lab File: BN010485.D

Acq: 14 Apr 2020 19:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC

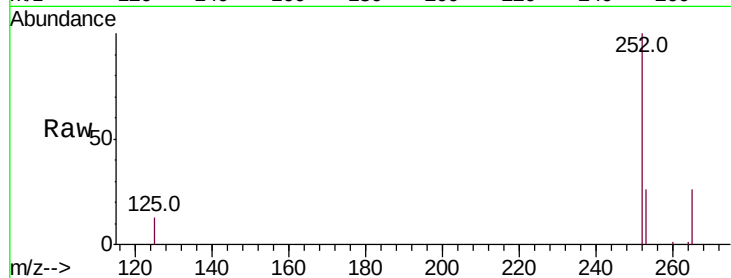
Tot Ion:252 Resp: 24810

Ion Ratio Lower Upper

252 100

253 25.7 21.8 32.8

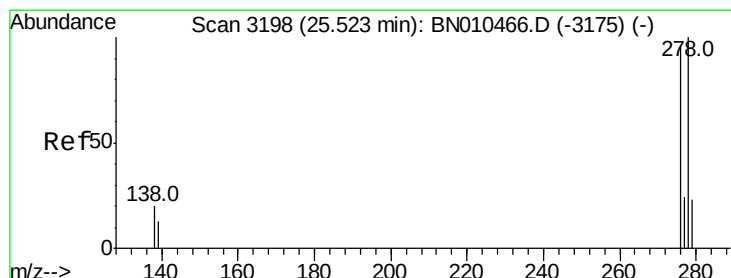
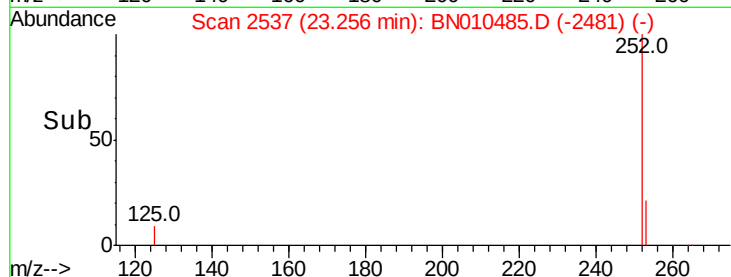
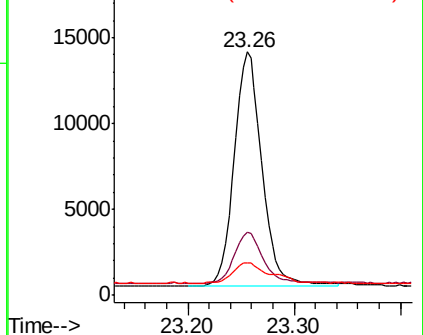
125 13.4 11.0 16.6



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: 0.452 ng

RT: 25.51 min Scan# 3195

Delta R.T. -0.02 min

Lab File: BN010485.D

Acq: 14 Apr 2020 19:41

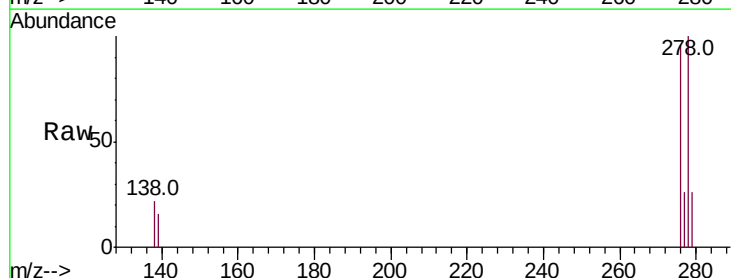
Tgt Ion:278 Resp: 22826

Ion Ratio Lower Upper

278 100

139 15.6 12.3 18.5

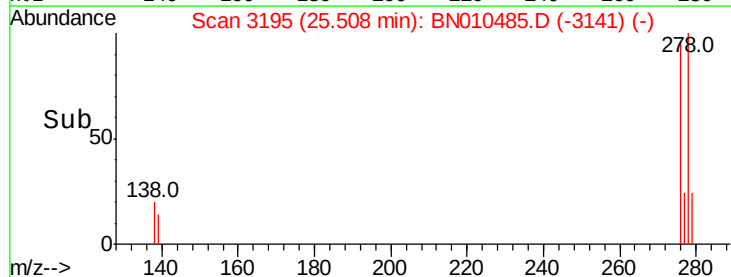
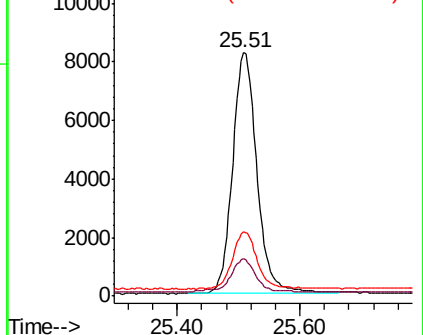
279 26.4 21.9 32.9

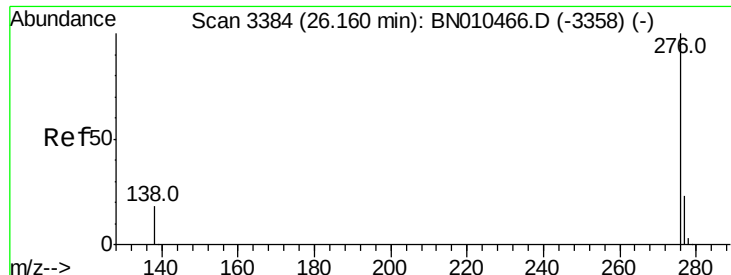


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.463 ng

RT: 26.15 min Scan# 3382

Delta R.T. -0.01 min

Lab File: BN010485.D

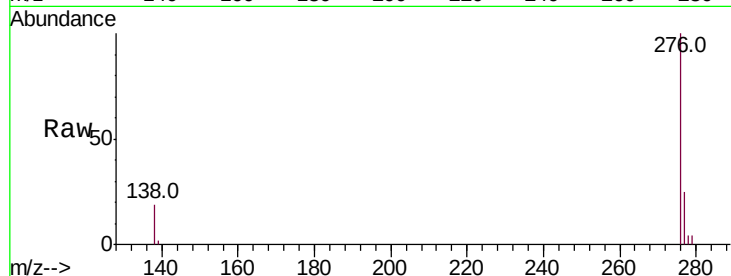
Acq: 14 Apr 2020 19:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4EC



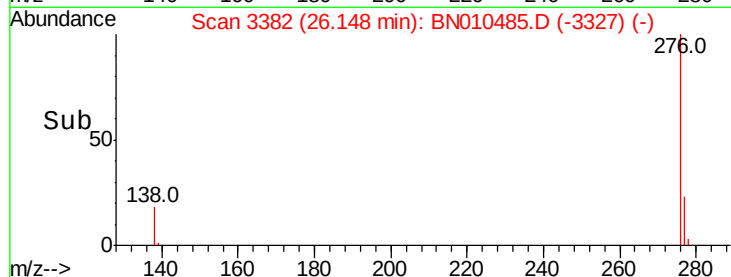
Tot Ion:276 Resp: 23552

Ion Ratio Lower Upper

276 100

277 24.6 20.2 30.2

138 19.1 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

