

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043020\
 Data File : BN010668.D
 Acq On : 30 Apr 2020 10:41
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Apr 30 11:20:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 11:18:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	5313	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	22765	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	14156	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	30561	0.40	ng	0.00
27) Chrysene-d12	21.16	240	24086	0.40	ng	0.00
34) Perylene-d12	23.33	264	22330	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	5056	0.43	ng	0.00
5) Phenol-d6	6.78	99	6584	0.43	ng	0.00
8) Nitrobenzene-d5	8.72	82	6390	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	11.93	152	17227	0.46	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	2096	0.31	ng	0.00
15) 2-Fluorobiphenyl	12.82	172	20843	0.40	ng	0.00
25) Fluoranthene-d10	18.99	212	36856	0.40	ng	0.00
29) Terphenyl-d14	19.60	244	25121	0.46	ng	0.00

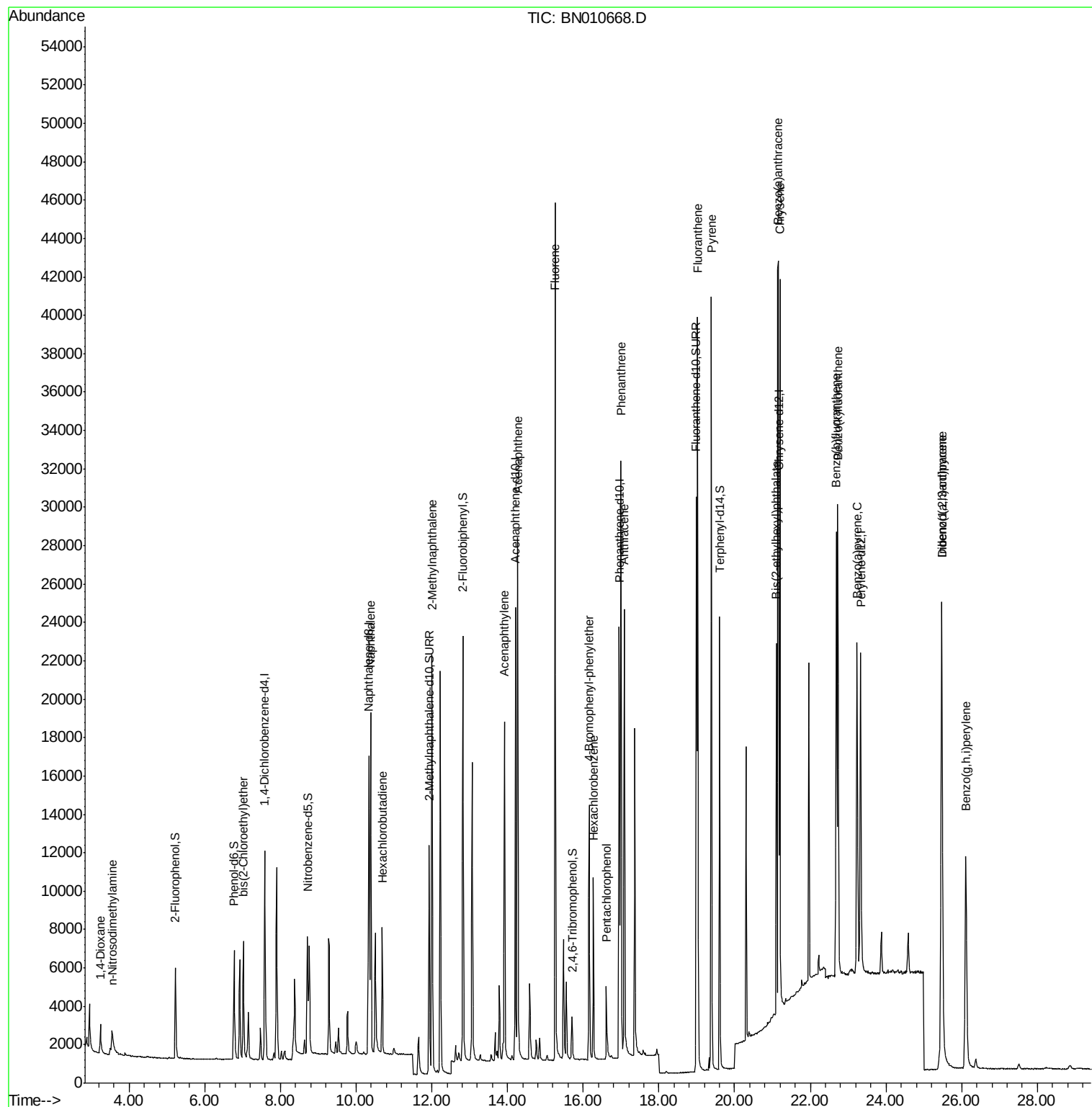
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	1633	0.418	ng	96
3) n-Nitrosodimethylamine	3.55	42	933	0.368	ng	# 94
6) bis(2-Chloroethyl)ether	7.02	93	5555	0.422	ng	99
9) Naphthalene	10.38	128	22962	0.406	ng	99
10) Hexachlorobutadiene	10.68	225	5279	0.387	ng	# 99
12) 2-Methylnaphthalene	12.01	142	16565	0.408	ng	98
16) Acenaphthylene	13.91	152	23099	0.378	ng	100
17) Acenaphthene	14.27	154	15824	0.403	ng	99
18) Fluorene	15.26	166	20425	0.397	ng	99
20) 4-Bromophenyl-phenylether	16.16	248	6649	0.392	ng	# 91
21) Hexachlorobenzene	16.27	284	8130	0.420	ng	98
22) Pentachlorophenol	16.61	266	2548	0.334	ng	97
23) Phenanthrene	17.00	178	33614	0.407	ng	99
24) Anthracene	17.08	178	28083	0.372	ng	99
26) Fluoranthene	19.02	202	36870	0.359	ng	99
28) Pyrene	19.39	202	37010	0.456	ng	100
30) Benzo(a)anthracene	21.14	228	30499	0.388	ng	100
31) Chrysene	21.20	228	30736	0.393	ng	99
32) Bis(2-ethylhexyl)phthalate	21.10	149	15418	0.382	ng	99
33) Indeno(1,2,3-cd)pyrene	25.47	276	31274	0.452	ng	99
35) Benzo(b)fluoranthene	22.69	252	28671	0.390	ng	99
36) Benzo(k)fluoranthene	22.73	252	30559	0.415	ng	99
37) Benzo(a)pyrene	23.24	252	25946	0.399	ng	99
38) Dibenzo(a,h)anthracene	25.48	278	25092	0.422	ng	98
39) Benzo(g,h,i)perylene	26.11	276	25434	0.425	ng	99

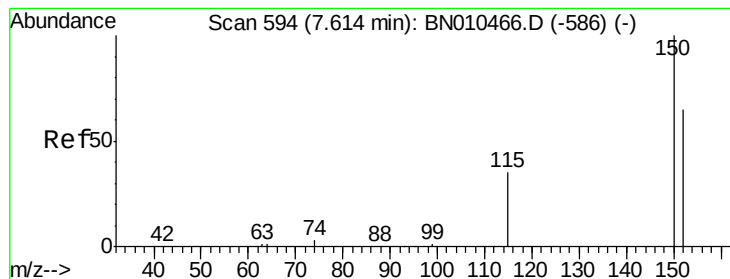
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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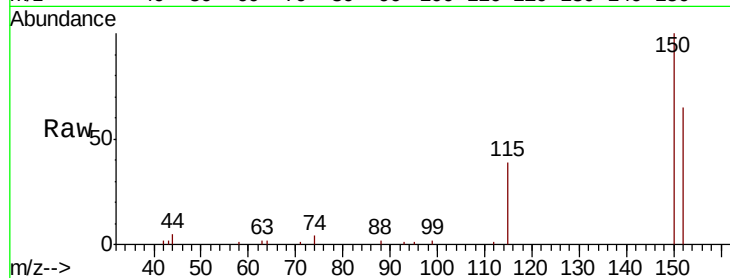


#1

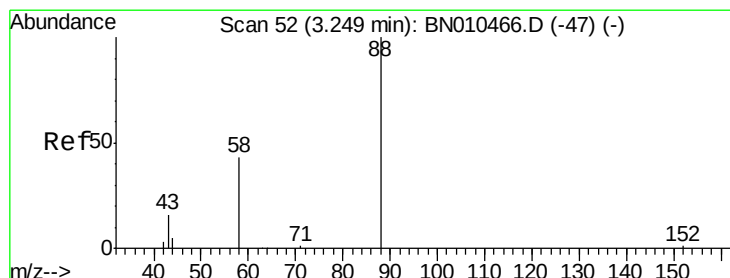
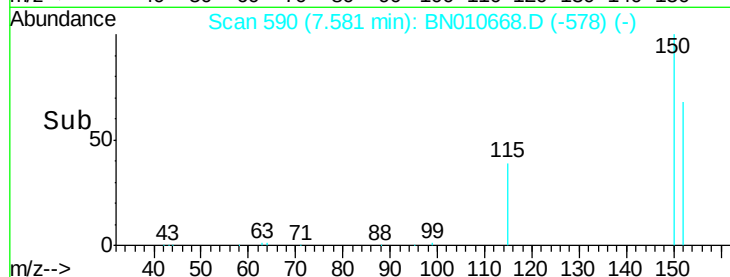
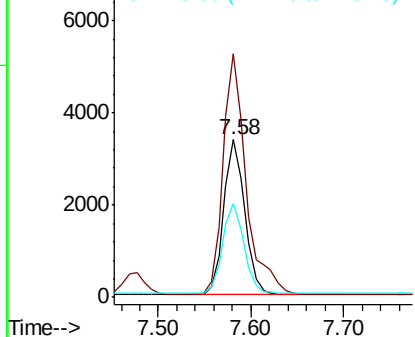
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.58 min Scan# 590
Delta R.T. 0.00 min
Lab File: BN010668.D
Acq: 30 Apr 2020 10:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 5313
Ion Ratio Lower Upper
152 100
150 154.8 121.8 182.6
115 59.7 45.5 68.3



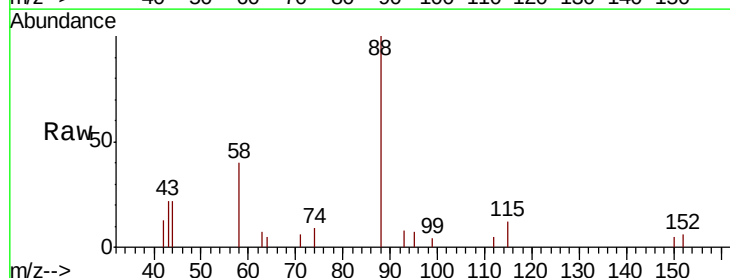
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



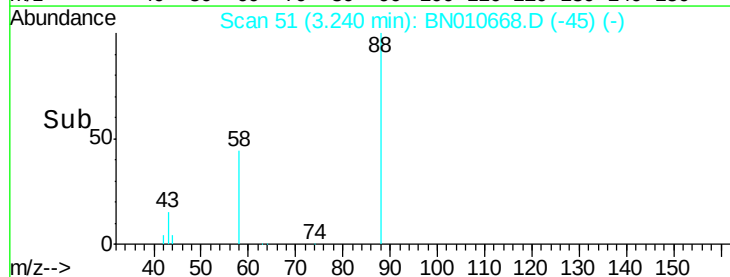
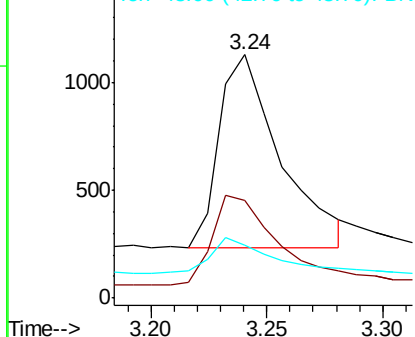
#2

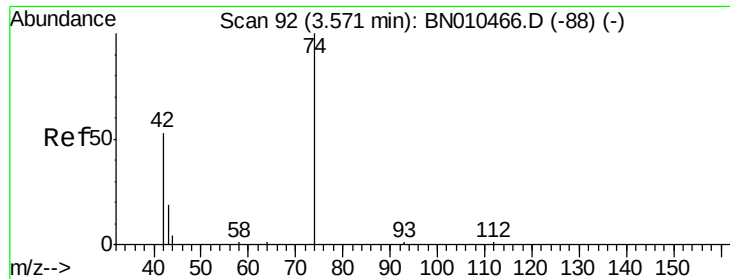
1,4-Dioxane
Concen: 0.418 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN010668.D
Acq: 30 Apr 2020 10:41

Tgt Ion: 88 Resp: 1633
Ion Ratio Lower Upper
88 100
58 49.1 36.5 54.7
43 16.9 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: 0.368 ng

RT: 3.55 min Scan# 89

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

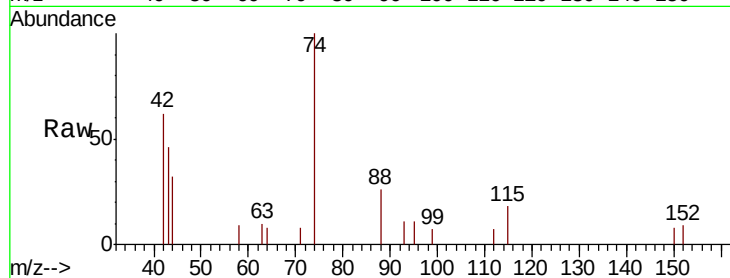
Tot Ion: 42 Resp: 933

Ion Ratio Lower Upper

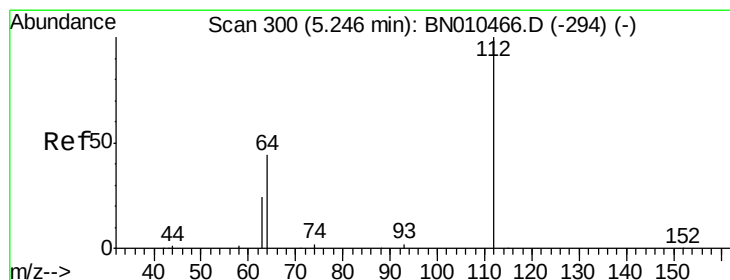
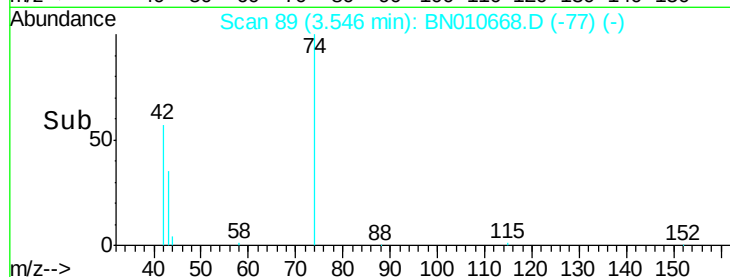
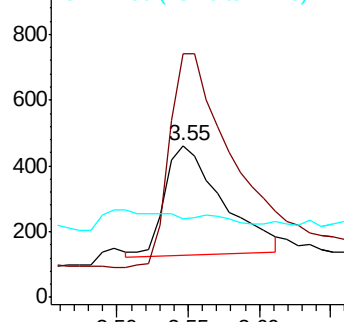
42 100

74 212.1 162.2 243.4

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: 0.435 ng

RT: 5.23 min Scan# 298

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

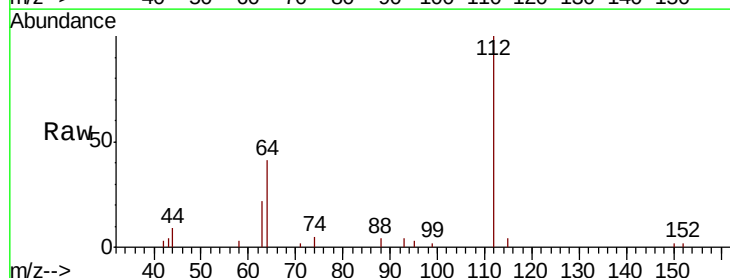
Tgt Ion: 112 Resp: 5056

Ion Ratio Lower Upper

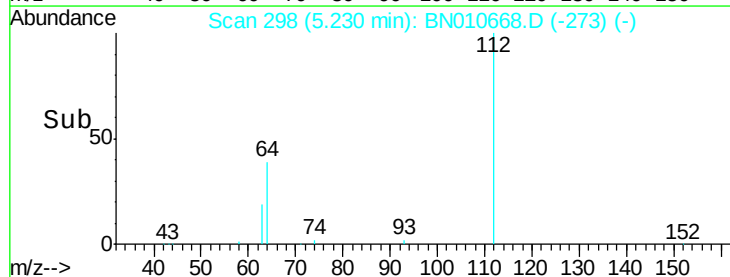
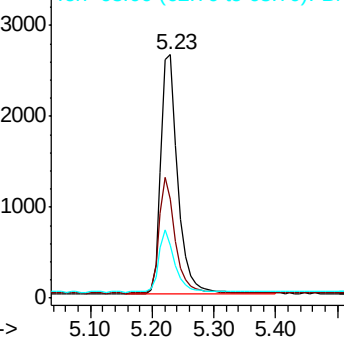
112 100

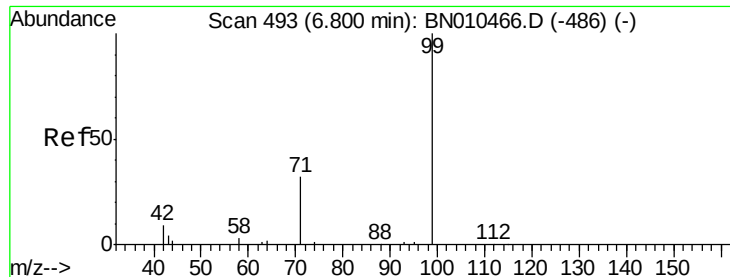
64 46.0 35.8 53.8

63 24.4 19.9 29.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.433 ng

RT: 6.78 min Scan# 490

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

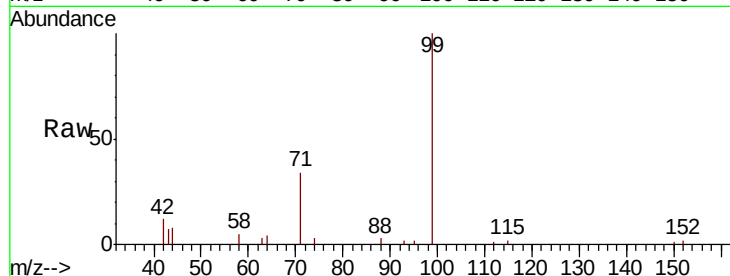
Tot Ion: 99 Resp: 6584

Ion Ratio Lower Upper

99 100

42 12.3 9.8 14.6

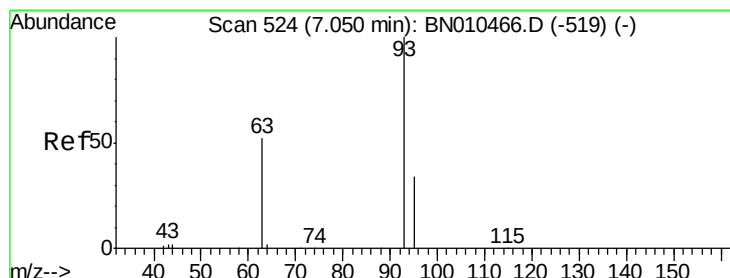
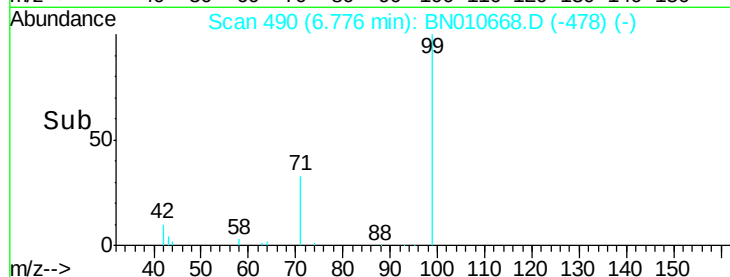
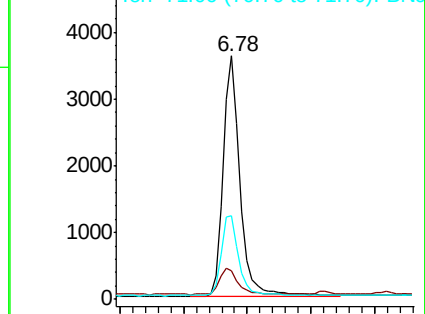
71 34.3 27.8 41.8



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

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

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



#6

bis(2-Chloroethyl)ether

Concen: 0.422 ng

RT: 7.02 min Scan# 520

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

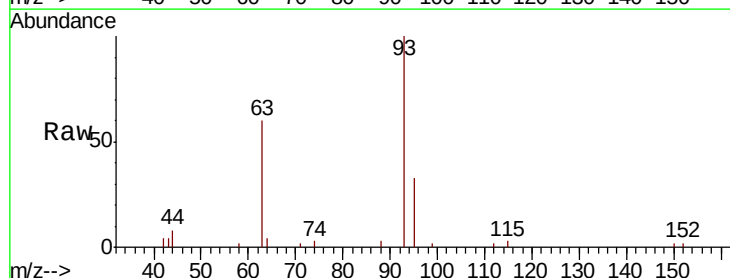
Tgt Ion: 93 Resp: 5555

Ion Ratio Lower Upper

93 100

63 56.7 44.6 66.8

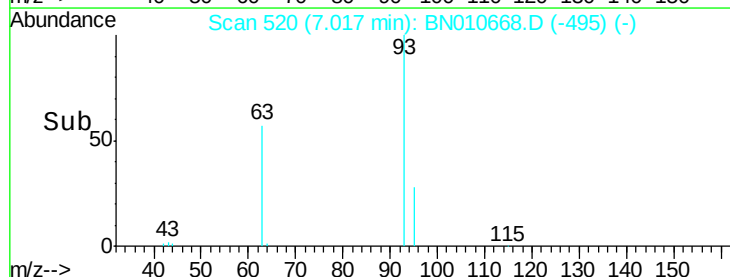
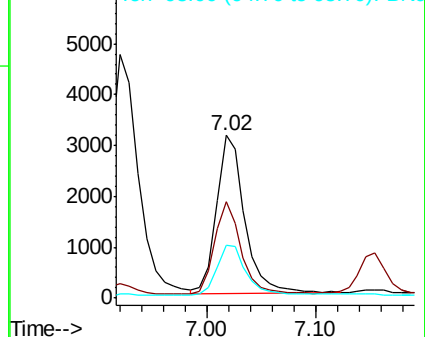
95 32.7 26.5 39.7

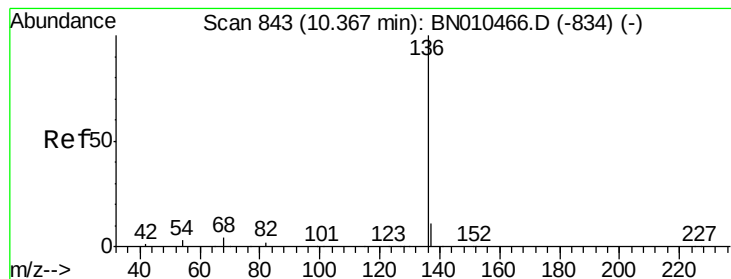


Abundance Ion 93.00 (92.70 to 93.70): BN010466.D (-519) (-)

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: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 22765

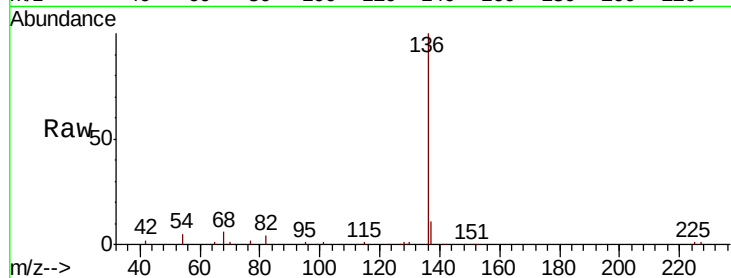
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 5.0 2.6 4.0#

68 5.8 3.4 5.2#

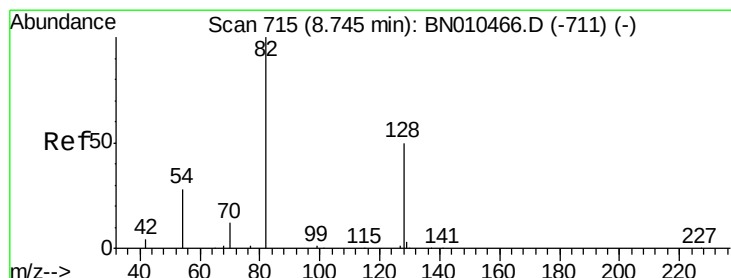
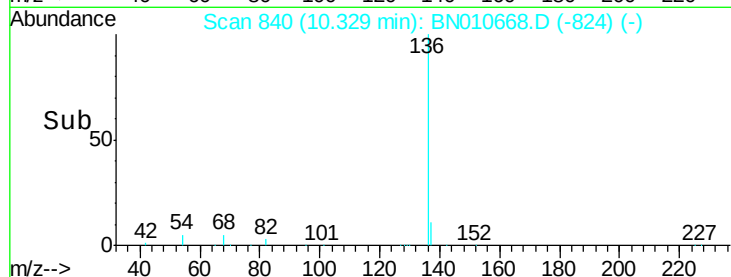
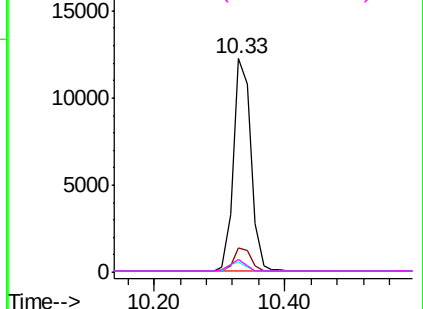


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.402 ng

RT: 8.72 min Scan# 713

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

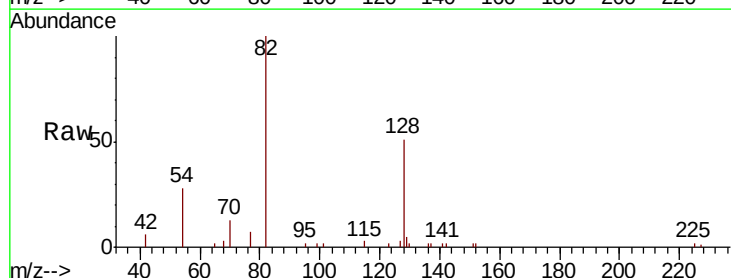
Tgt Ion: 82 Resp: 6390

Ion Ratio Lower Upper

82 100

128 51.0 41.3 61.9

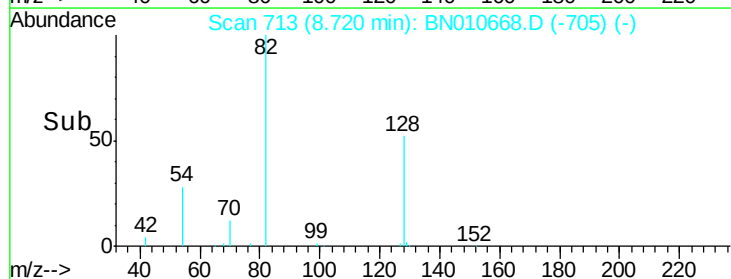
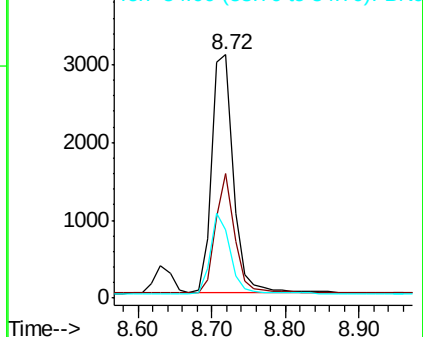
54 27.9 23.4 35.0

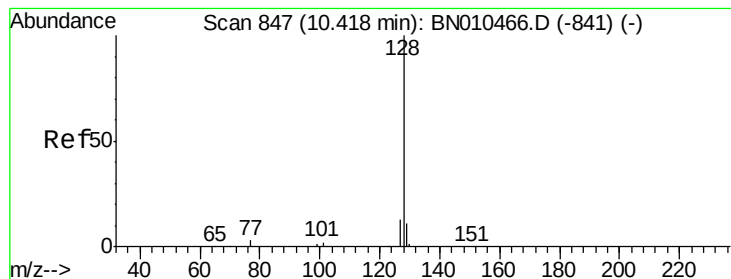


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.406 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

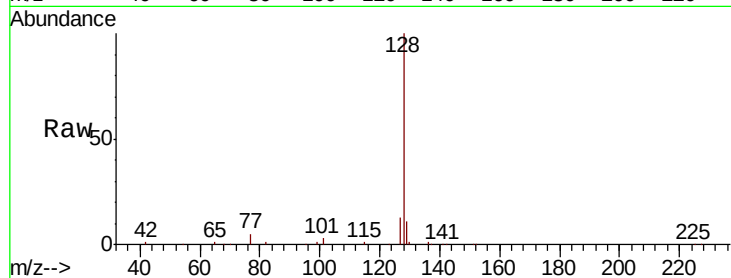
Tot Ion:128 Resp: 22962

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

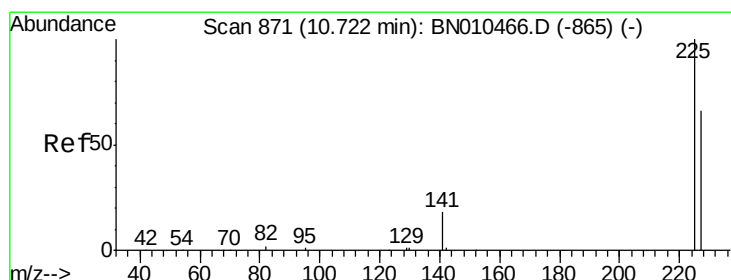
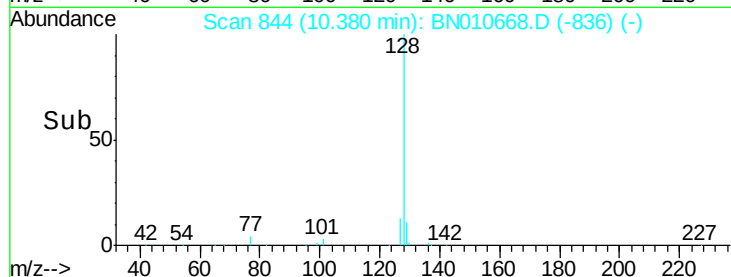
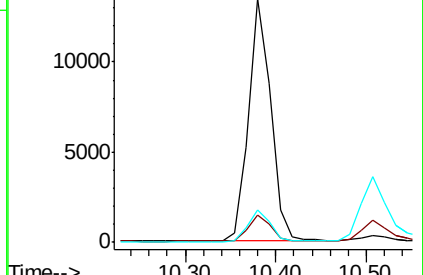
127 13.5 10.5 15.7



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: 0.387 ng

RT: 10.68 min Scan# 868

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

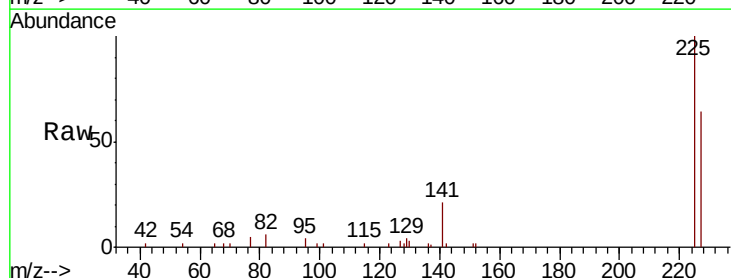
Tgt Ion:225 Resp: 5279

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

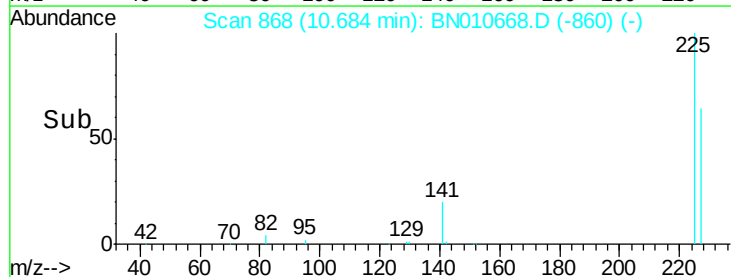
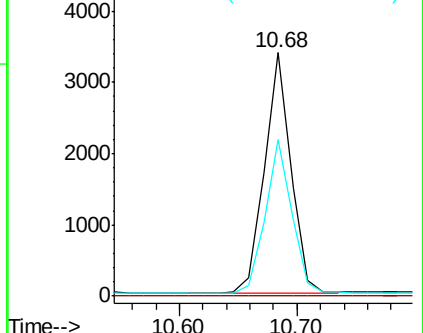
227 63.8 50.6 76.0

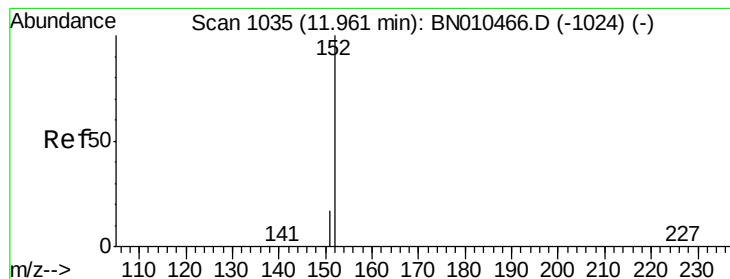


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.460 ng

RT: 11.93 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

Instrument :

BNA_N

ClientSampleId :

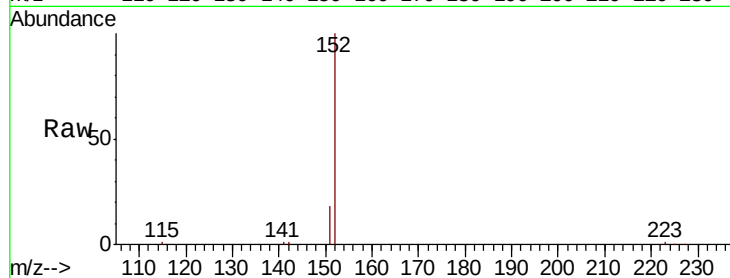
SSTDCCC0.4

Tot Ion:152 Resp: 17227

Ion Ratio Lower Upper

152 100

151 19.2 15.3 22.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12000

10000

8000

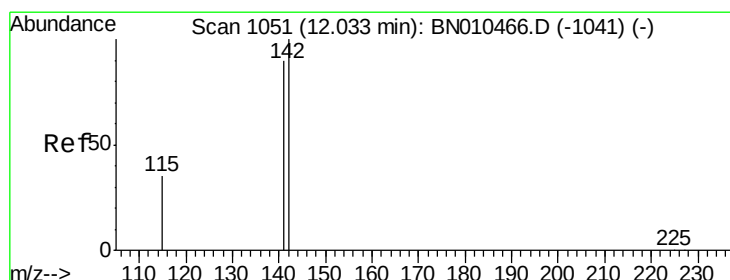
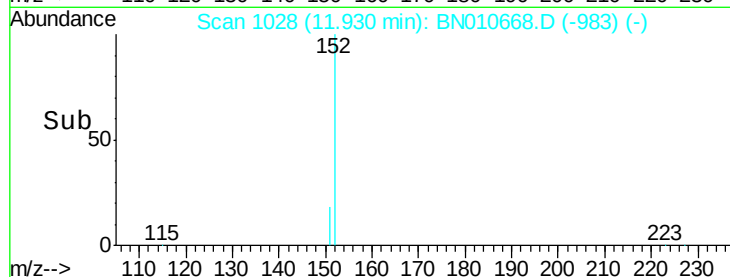
6000

4000

2000

0

Time--> 11.80 11.90 12.00 12.10



#12

2-Methylnaphthalene

Concen: 0.408 ng

RT: 12.01 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

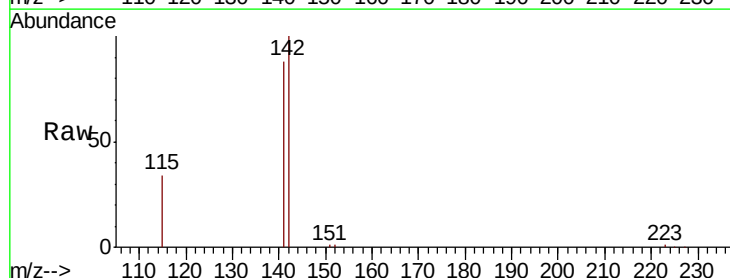
Tgt Ion:142 Resp: 16565

Ion Ratio Lower Upper

142 100

141 88.2 71.9 107.9

115 34.3 28.8 43.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

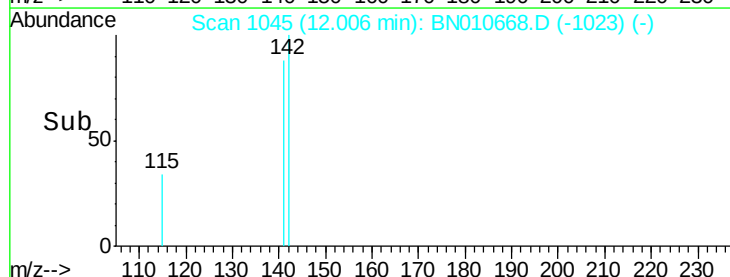
Ion 115.00 (114.70 to 115.70): E

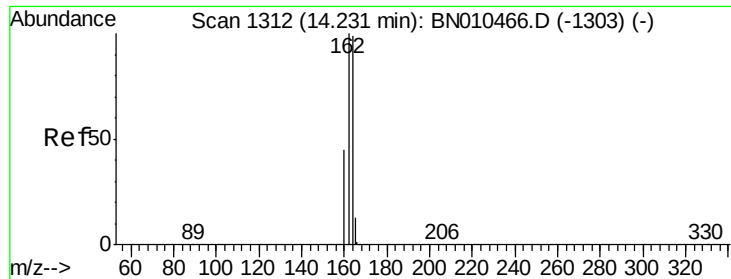
10000

5000

0

Time--> 11.90 12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.20 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

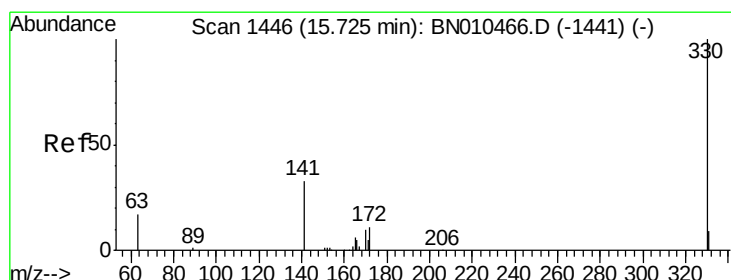
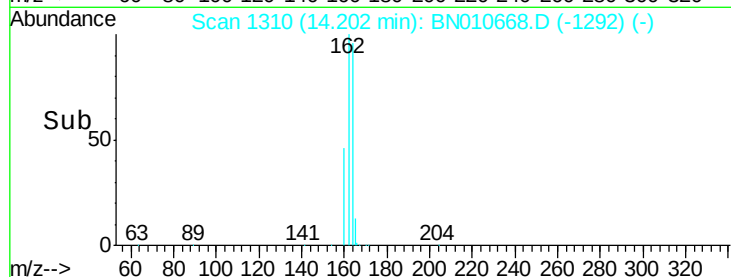
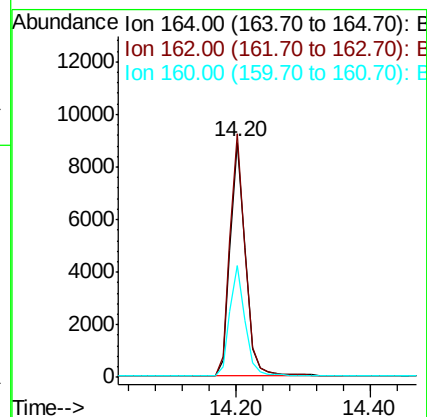
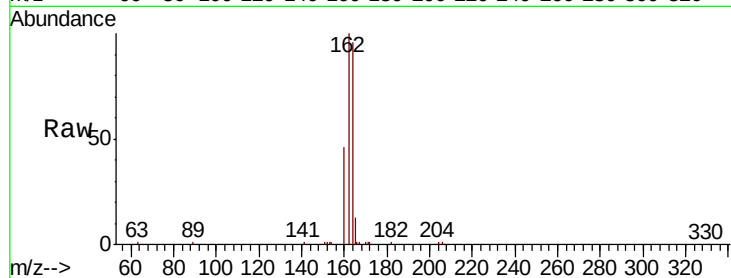
Tot Ion:164 Resp: 14156

Ion Ratio Lower Upper

164 100

162 103.7 80.6 121.0

160 47.5 36.5 54.7



#14

2,4,6-Tribromophenol

Concen: 0.314 ng

RT: 15.71 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

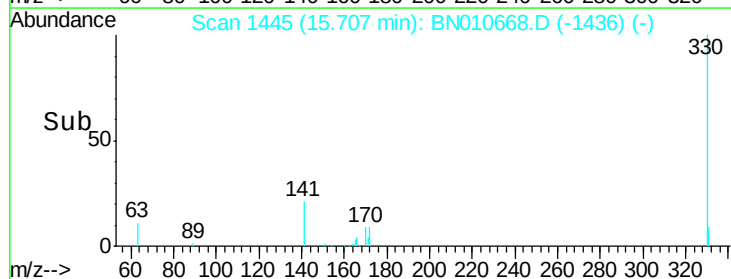
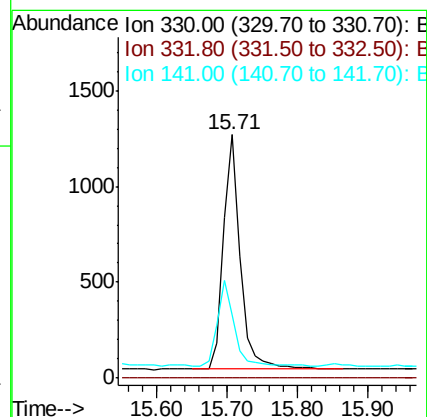
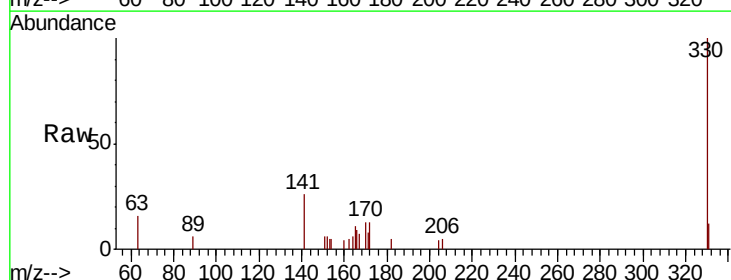
Tgt Ion:330 Resp: 2096

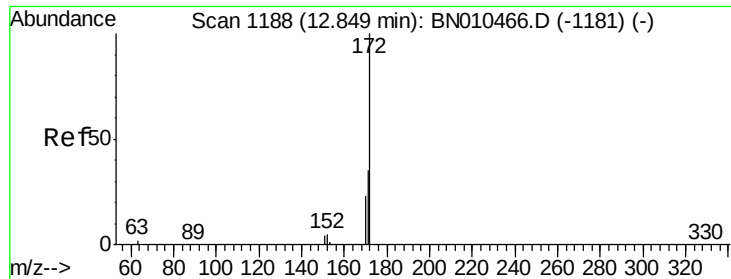
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 35.5 28.1 42.1

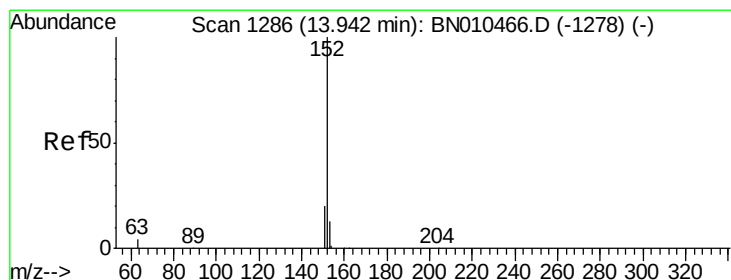
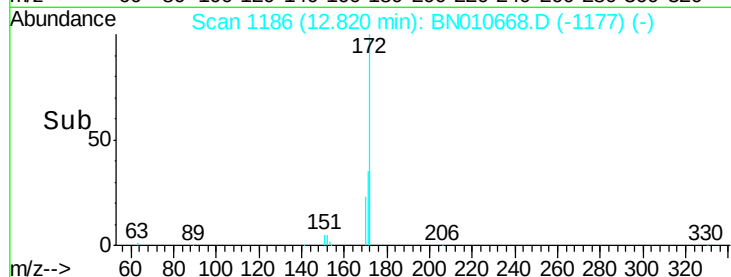
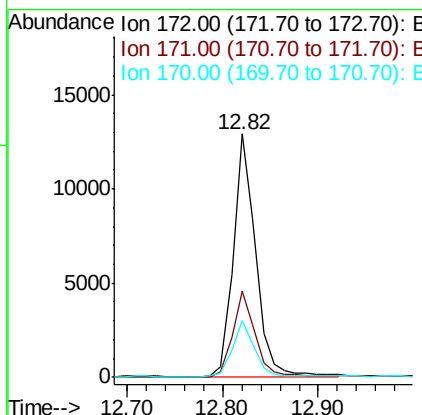
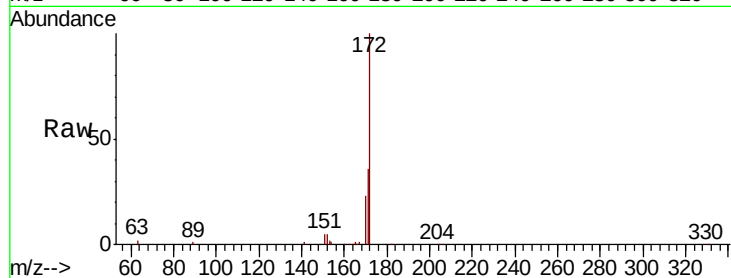




#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BN010668.D
Acq: 30 Apr 2020 10:41

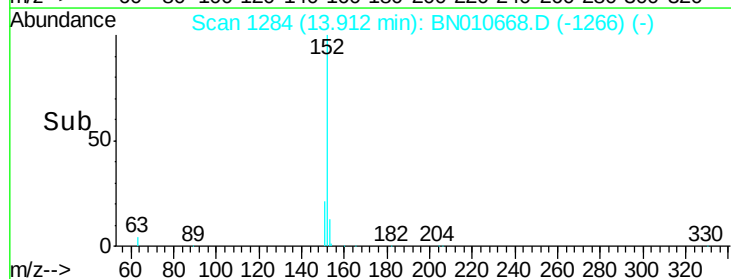
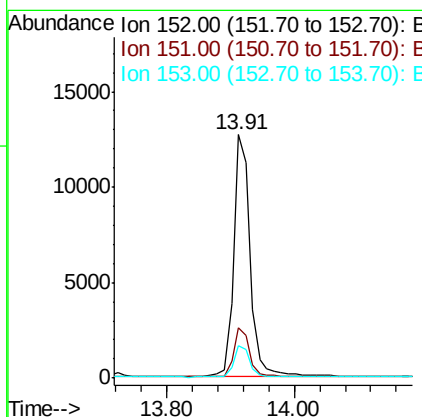
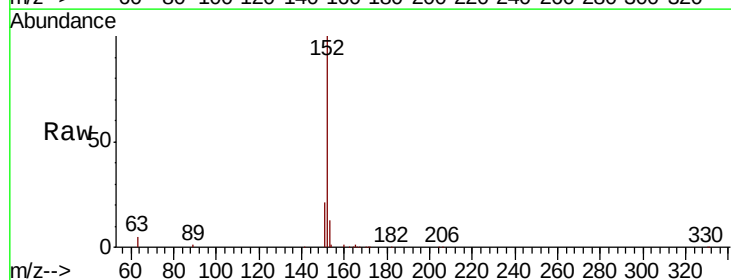
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

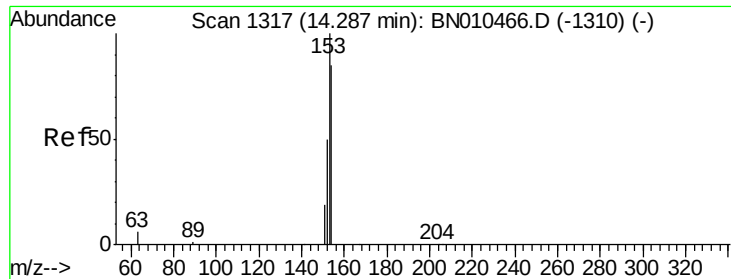
Tot Ion:172 Resp: 20843
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.3 18.4 27.6



#16
Acenaphthylene
Concen: 0.378 ng
RT: 13.91 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BN010668.D
Acq: 30 Apr 2020 10:41

Tgt Ion:152 Resp: 23099
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.0 10.6 15.8





#17

Acenaphthene

Concen: 0.403 ng

RT: 14.27 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

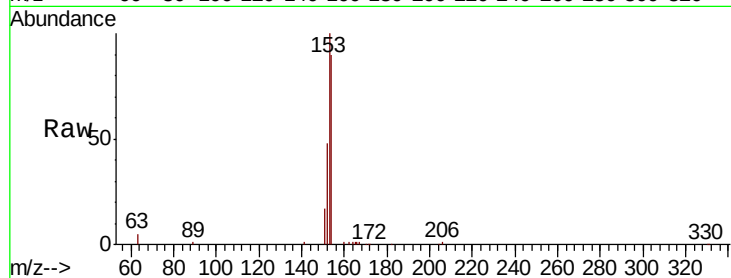
Tot Ion:154 Resp: 15824

Ion Ratio Lower Upper

154 100

153 115.0 91.0 136.4

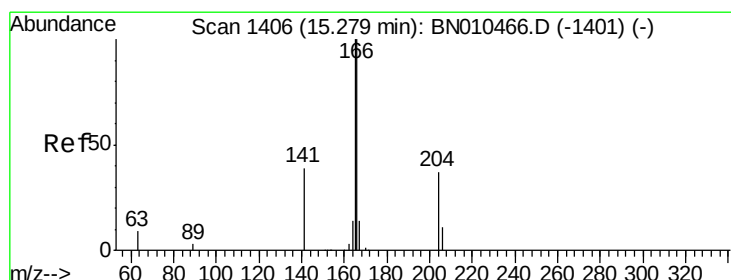
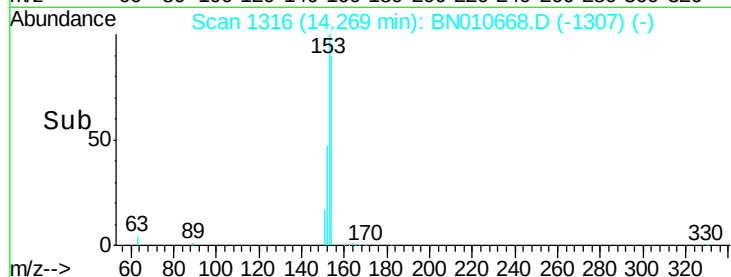
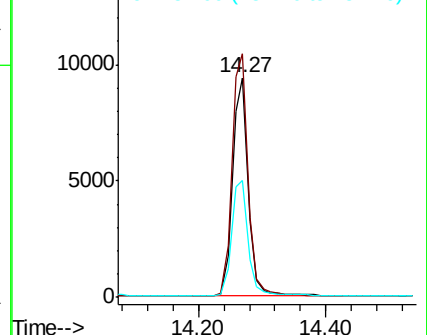
152 55.9 44.6 67.0



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: 0.397 ng

RT: 15.26 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

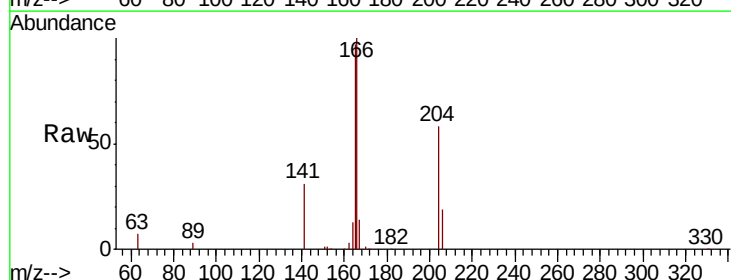
Tgt Ion:166 Resp: 20425

Ion Ratio Lower Upper

166 100

165 98.8 78.4 117.6

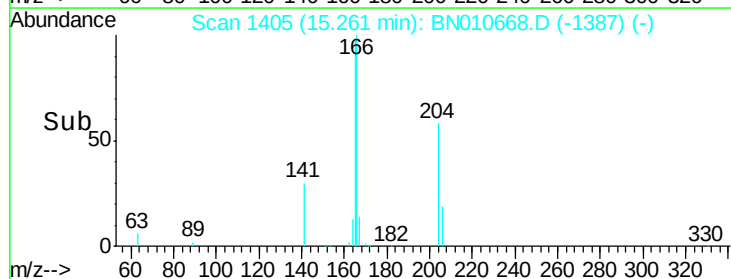
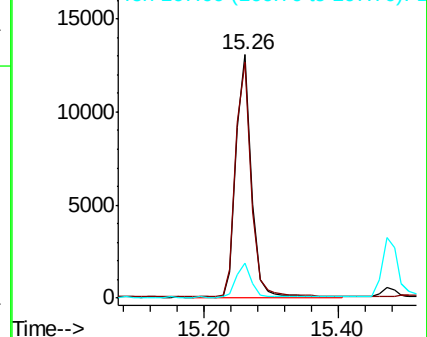
167 13.7 10.9 16.3

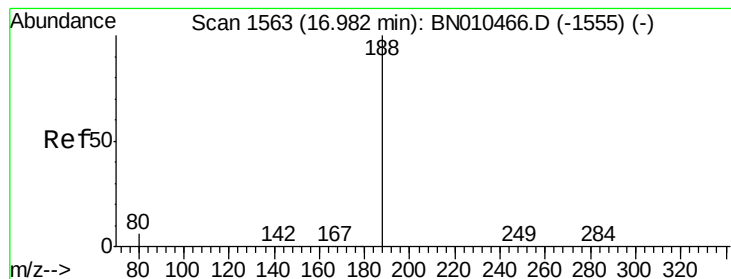


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.95 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

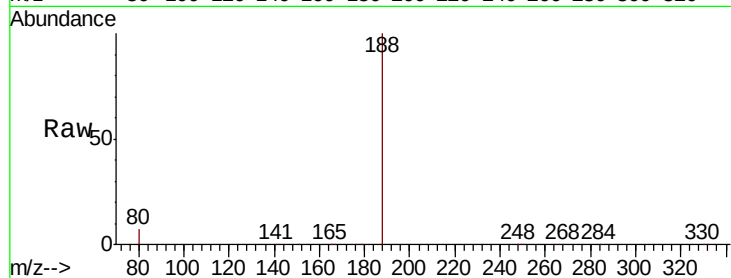
Tot Ion:188 Resp: 30561

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

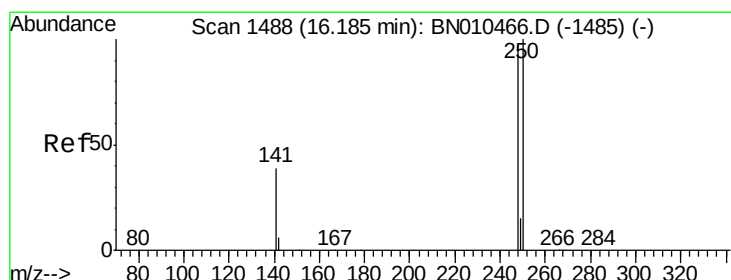
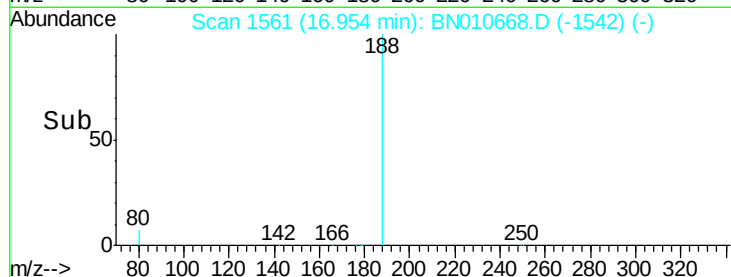
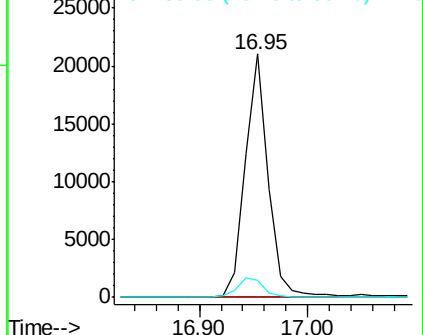
80 6.9 5.0 7.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 0.392 ng

RT: 16.16 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

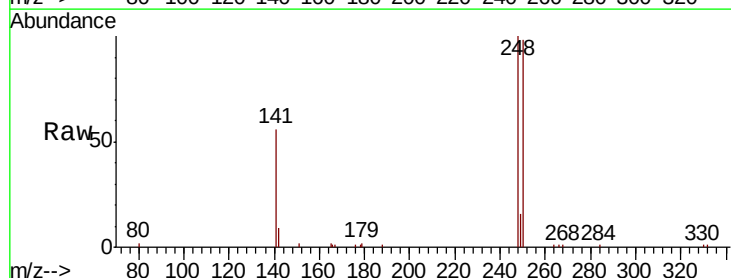
Tgt Ion:248 Resp: 6649

Ion Ratio Lower Upper

248 100

250 98.4 82.3 123.5

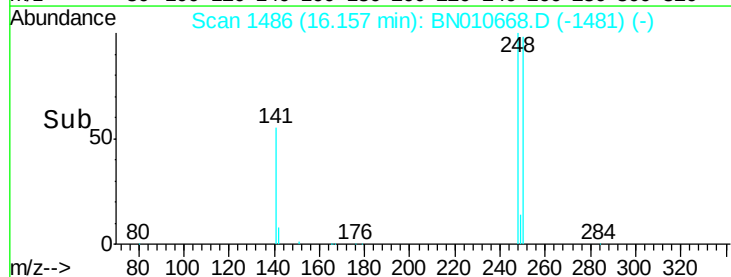
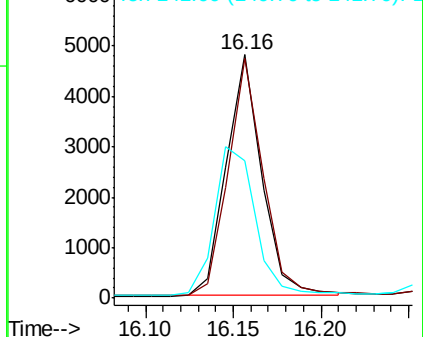
141 56.2 35.2 52.8#

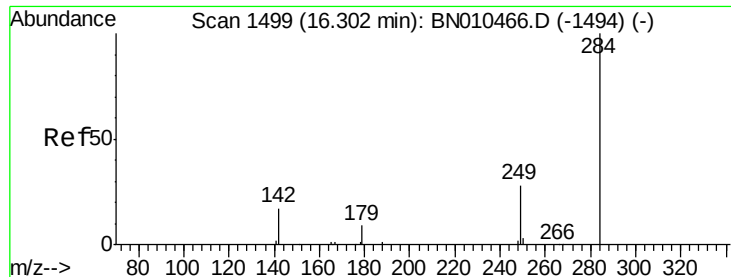


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.420 ng

RT: 16.27 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

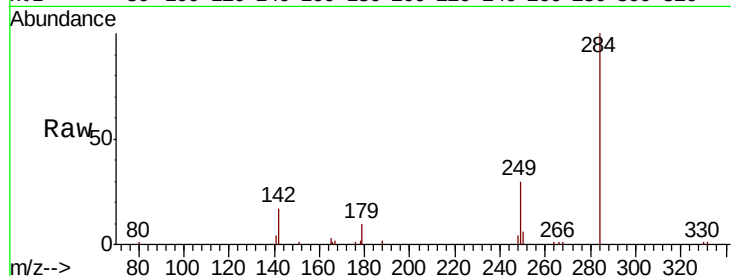
Tot Ion:284 Resp: 8130

Ion Ratio Lower Upper

284 100

142 33.2 25.5 38.3

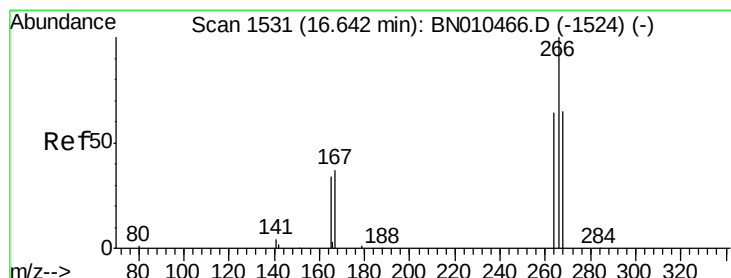
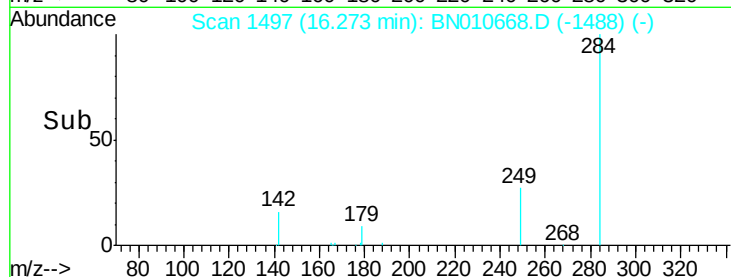
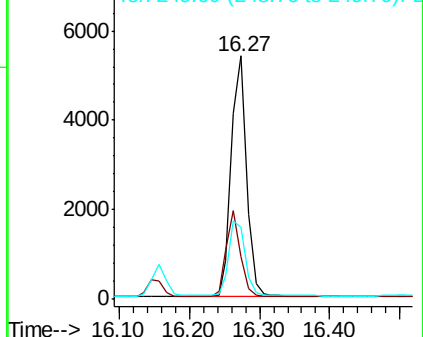
249 32.9 25.8 38.6



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: 0.334 ng

RT: 16.61 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

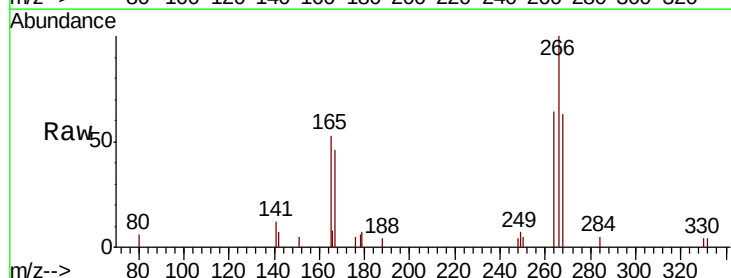
Tgt Ion:266 Resp: 2548

Ion Ratio Lower Upper

266 100

264 63.8 51.8 77.6

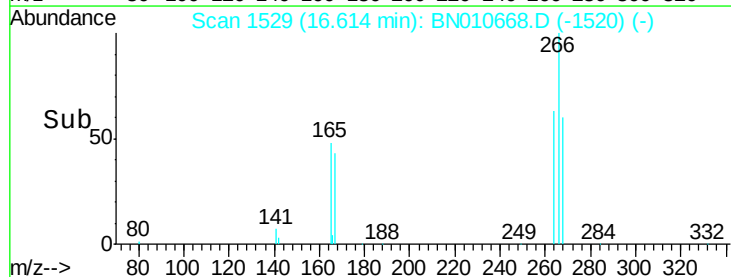
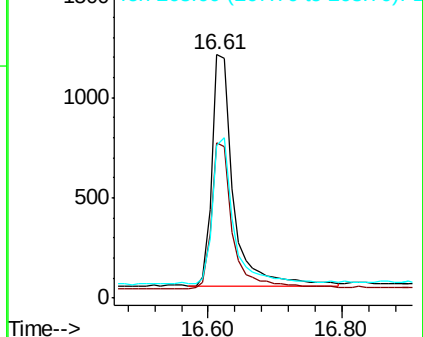
268 62.7 53.7 80.5

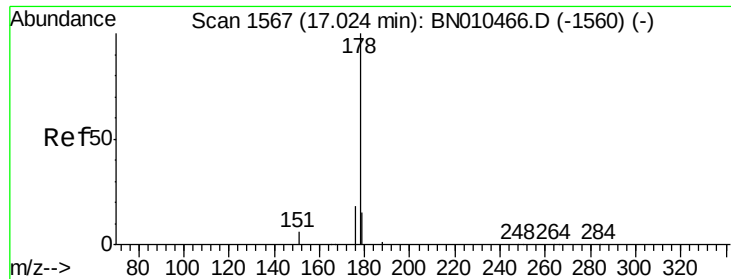


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.407 ng

RT: 17.00 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

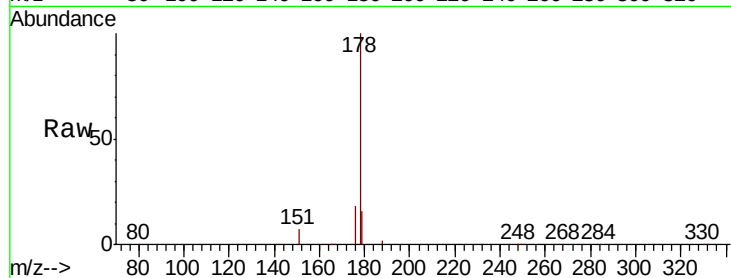
Tot Ion:178 Resp: 33614

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

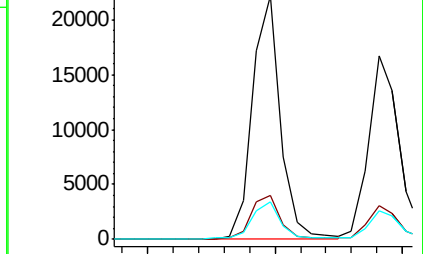
179 15.3 12.6 18.8



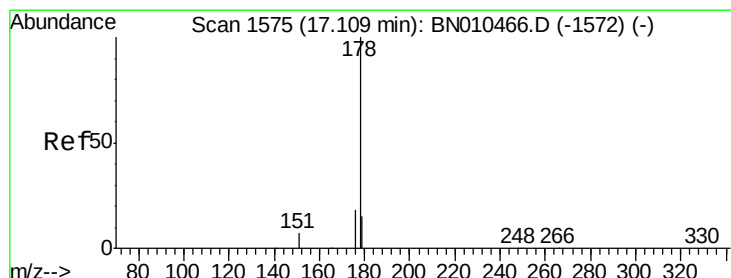
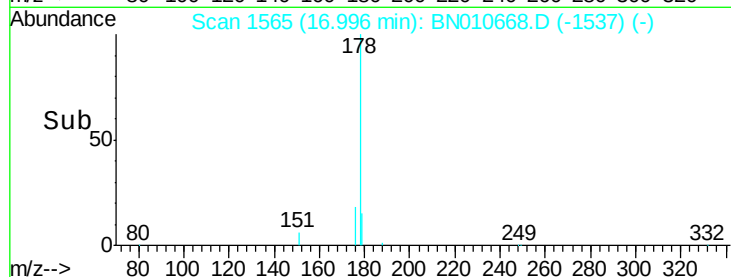
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.372 ng

RT: 17.08 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

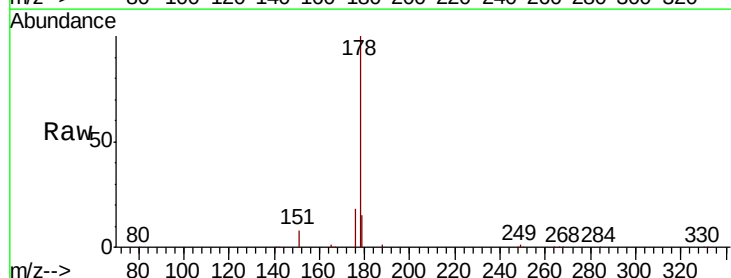
Tgt Ion:178 Resp: 28083

Ion Ratio Lower Upper

178 100

176 17.7 14.6 21.8

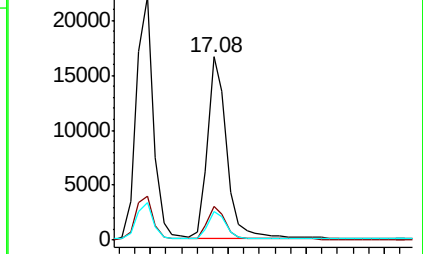
179 15.1 12.2 18.2



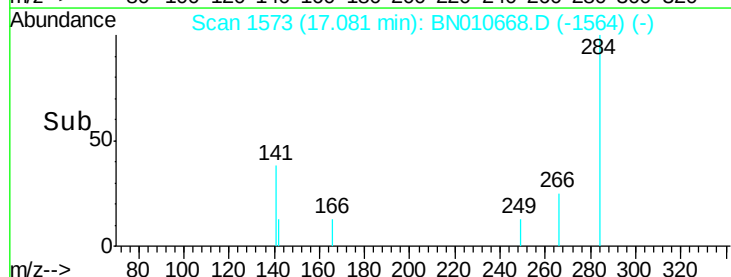
Abundance Ion 178.00 (177.70 to 178.70): E

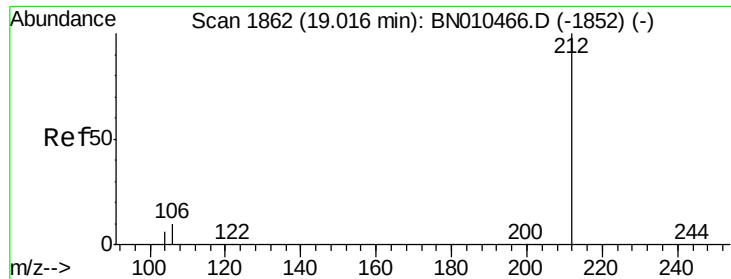
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.398 ng

RT: 18.99 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

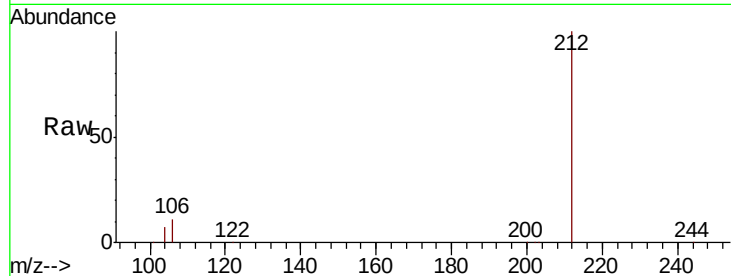
Tot Ion:212 Resp: 36856

Ion Ratio Lower Upper

212 100

106 10.4 7.8 11.6

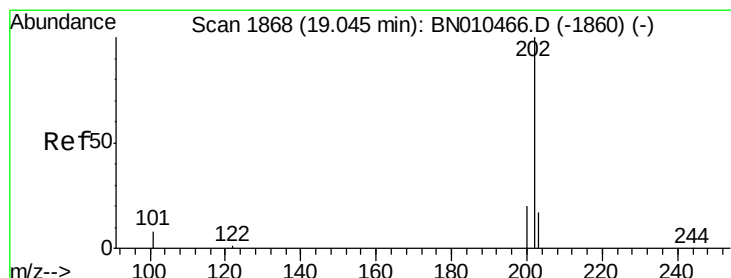
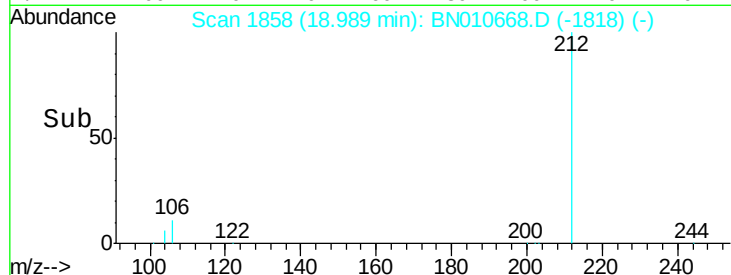
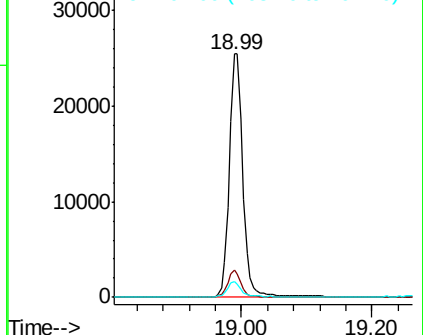
104 5.9 4.5 6.7



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: 0.359 ng

RT: 19.02 min Scan# 1864

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

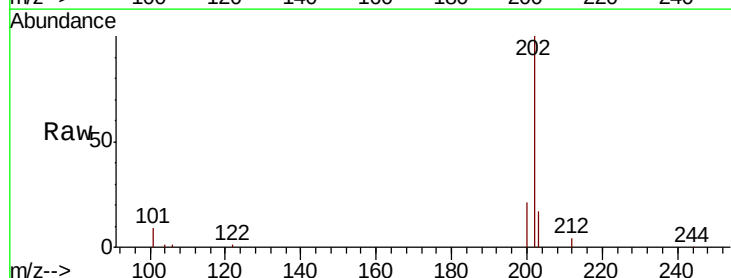
Tgt Ion:202 Resp: 36870

Ion Ratio Lower Upper

202 100

101 9.0 6.9 10.3

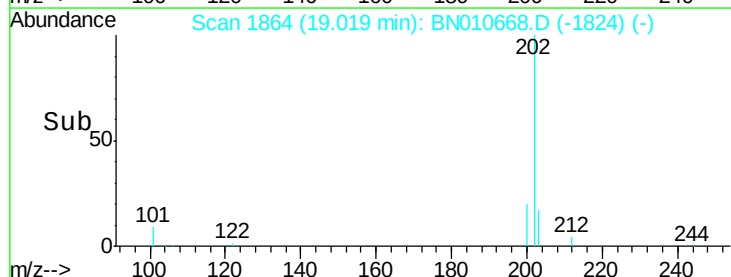
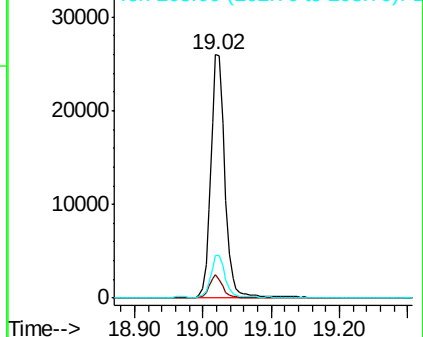
203 17.1 13.9 20.9

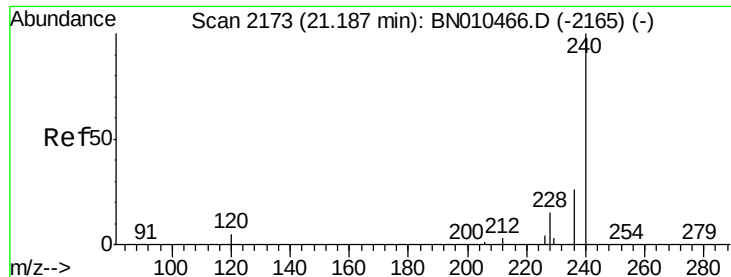


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

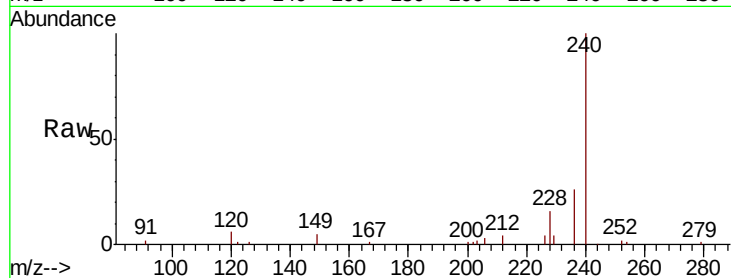




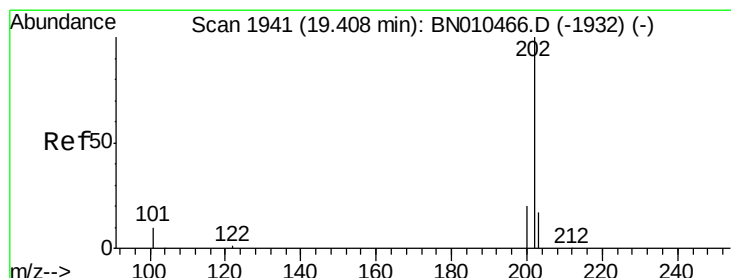
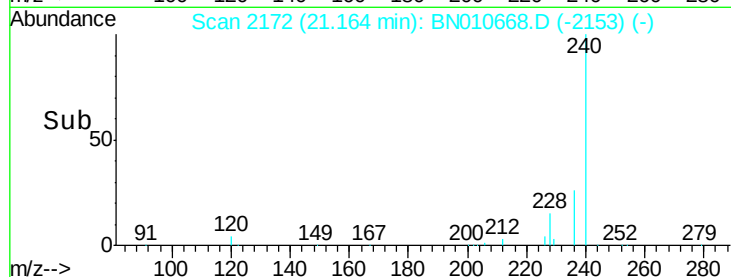
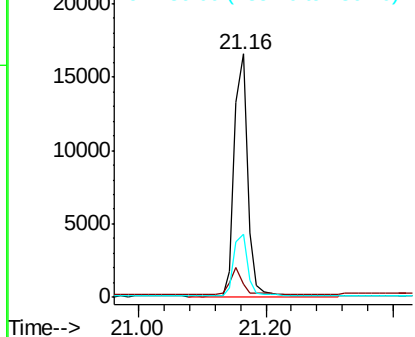
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.16 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BN010668.D
Acq: 30 Apr 2020 10:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:240 Resp: 24086
Ion Ratio Lower Upper
240 100
120 5.6 4.8 7.2
236 26.1 21.4 32.0

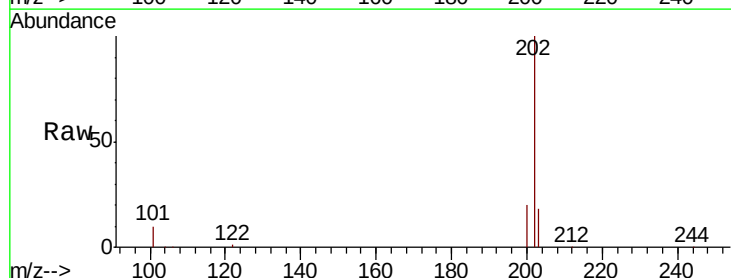


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

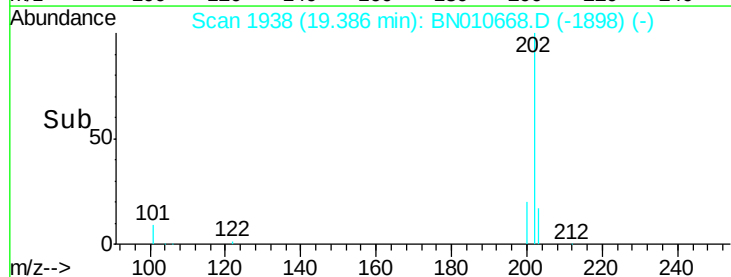
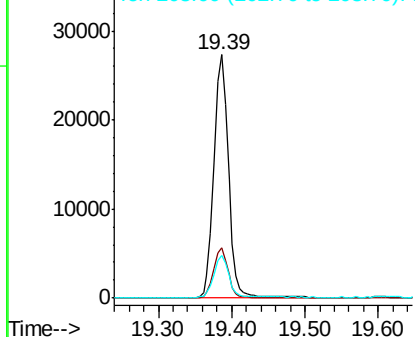


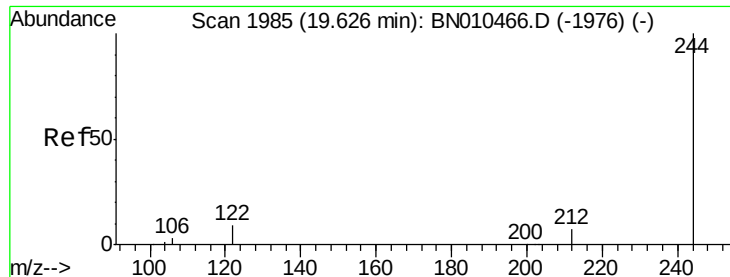
#28
Pyrene
Concen: 0.456 ng
RT: 19.39 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BN010668.D
Acq: 30 Apr 2020 10:41

Tgt Ion:202 Resp: 37010
Ion Ratio Lower Upper
202 100
200 20.4 16.3 24.5
203 17.7 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: 0.456 ng

RT: 19.60 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

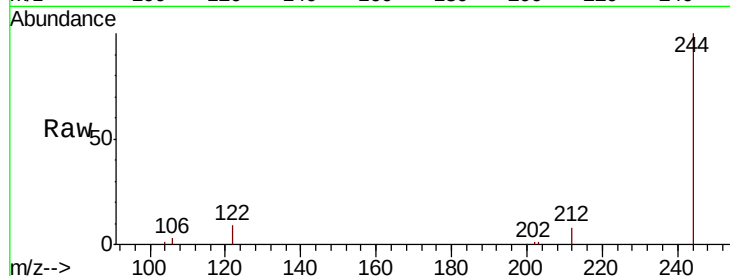
Tot Ion:244 Resp: 25121

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.4

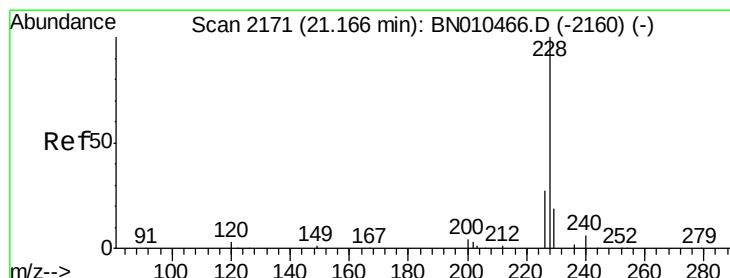
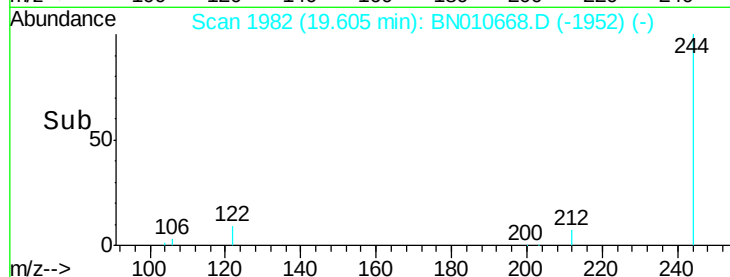
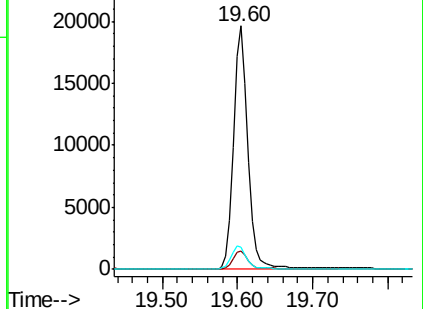
122 9.2 7.8 11.8



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: 0.388 ng

RT: 21.14 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

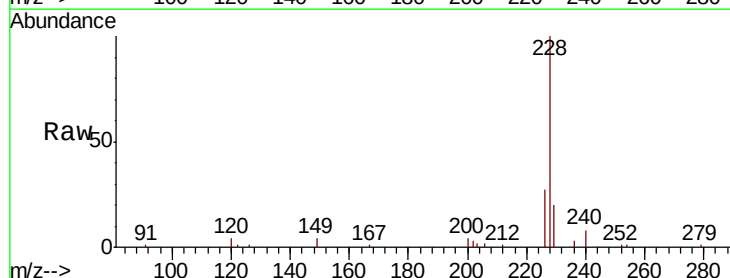
Tgt Ion:228 Resp: 30499

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

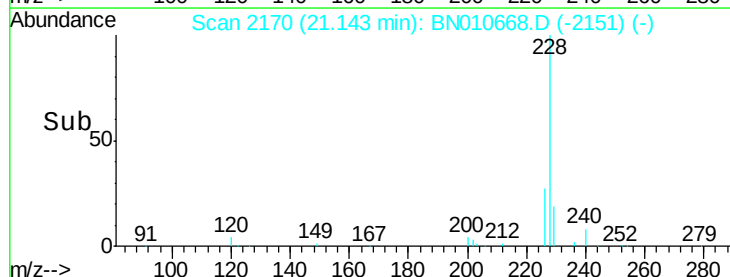
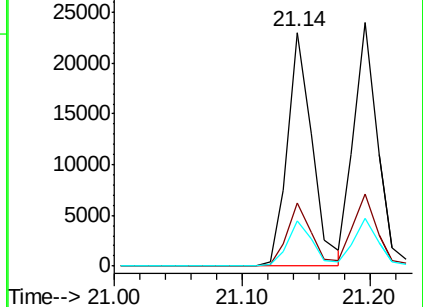
229 19.5 15.6 23.4

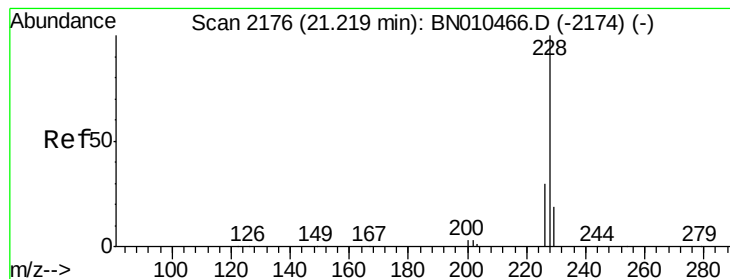


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.393 ng

RT: 21.20 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

Instrument :

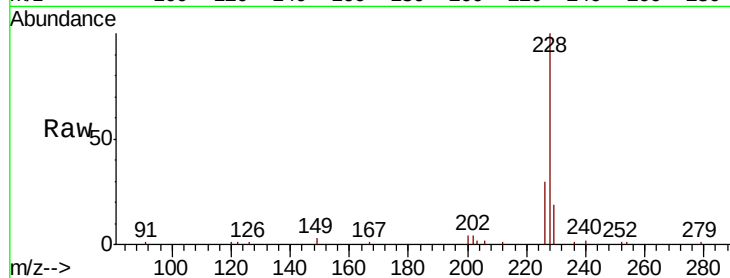
BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 30736

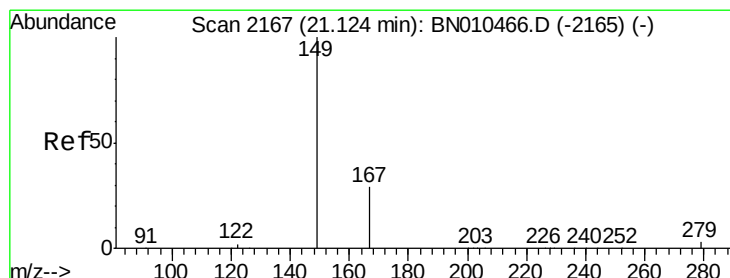
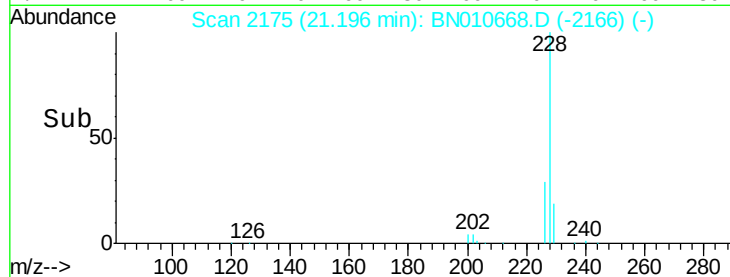
Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	19.4	15.8	23.6



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: 0.382 ng

RT: 21.10 min Scan# 2166

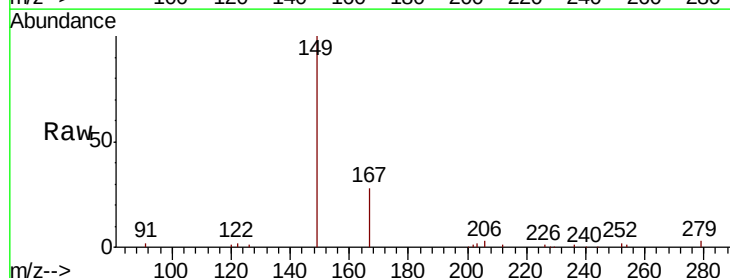
Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

Tgt Ion:149 Resp: 15418

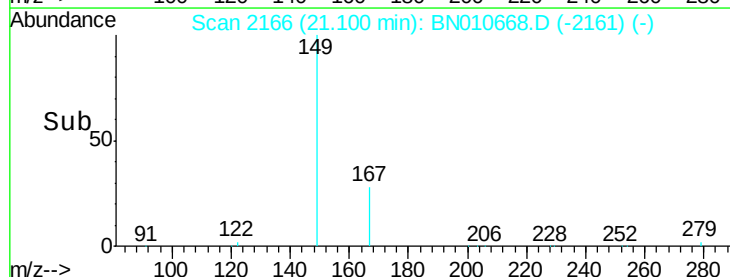
Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.4	35.0
279	4.8	4.0	6.0

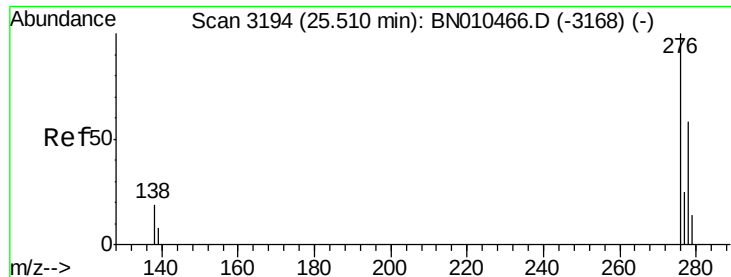


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.452 ng

RT: 25.47 min Scan# 3183

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

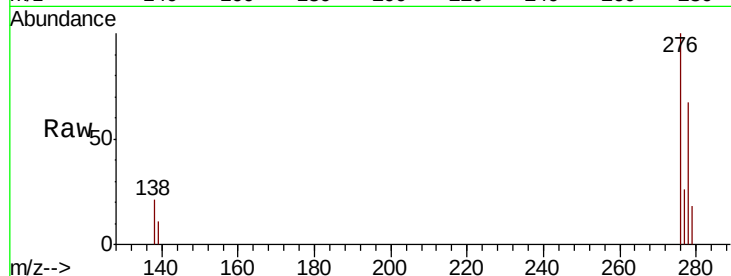
Tot Ion:276 Resp: 31274

Ion Ratio Lower Upper

276 100

138 21.8 16.4 24.6

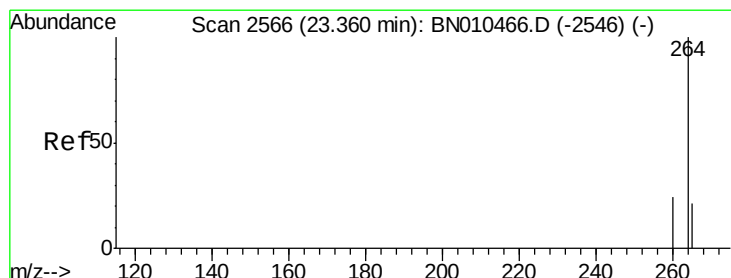
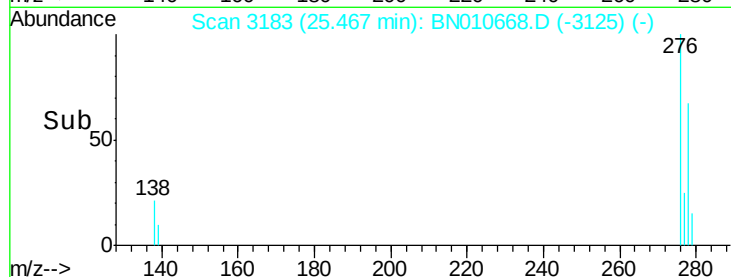
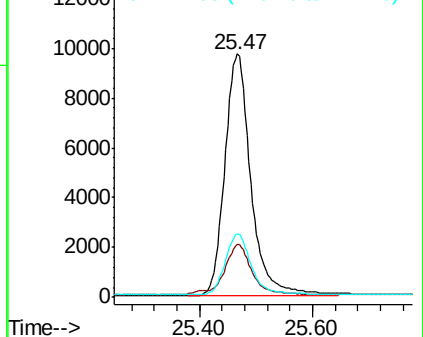
277 24.9 19.8 29.6



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: 23.33 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

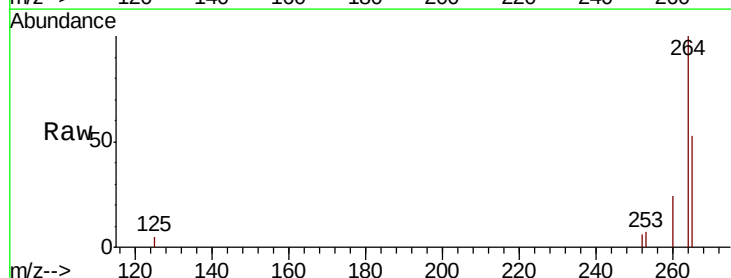
Tgt Ion:264 Resp: 22330

Ion Ratio Lower Upper

264 100

260 24.1 19.8 29.8

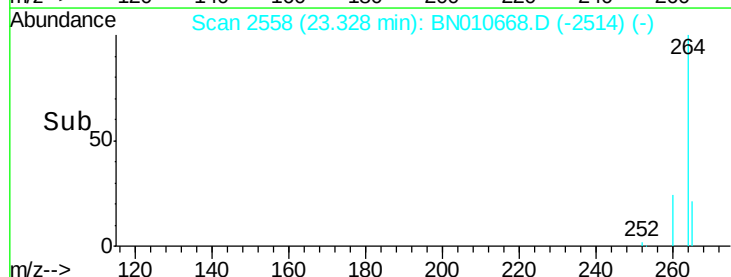
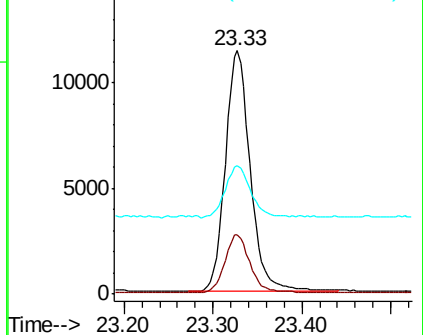
265 52.6 42.3 63.5

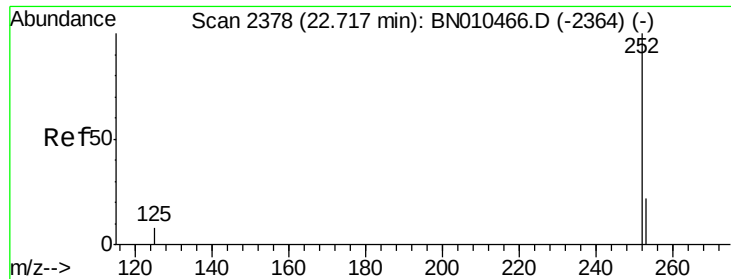


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

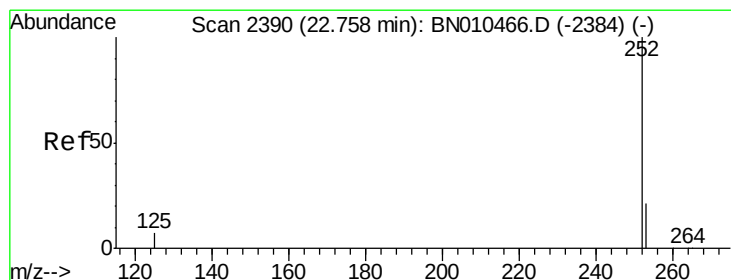
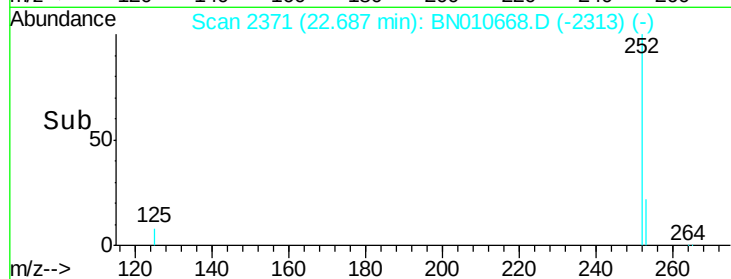
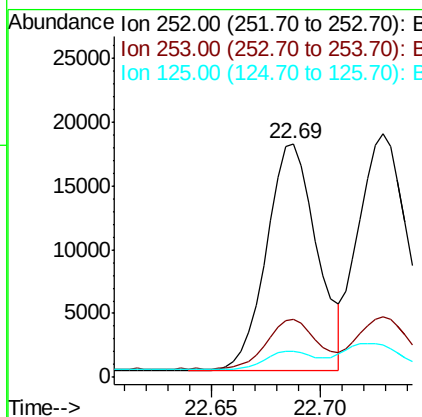
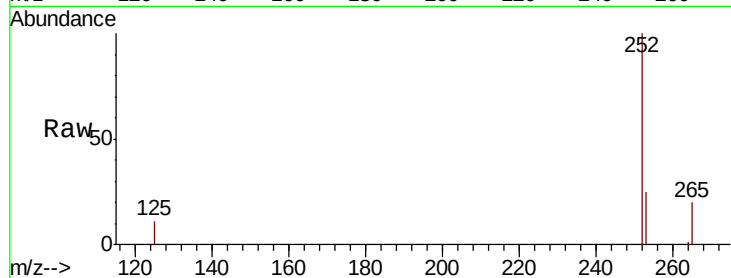




#35
Benzo(b)fluoranthene
Concen: 0.390 ng
RT: 22.69 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BN010668.D
Acq: 30 Apr 2020 10:41

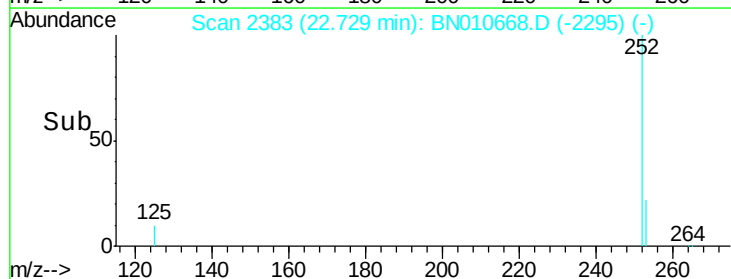
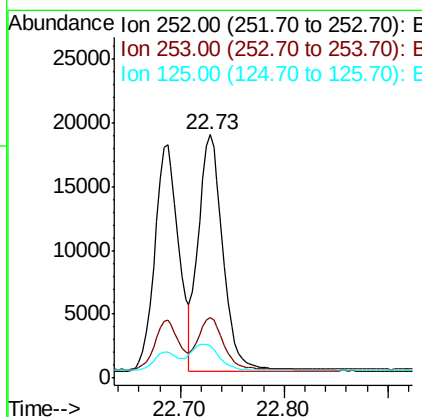
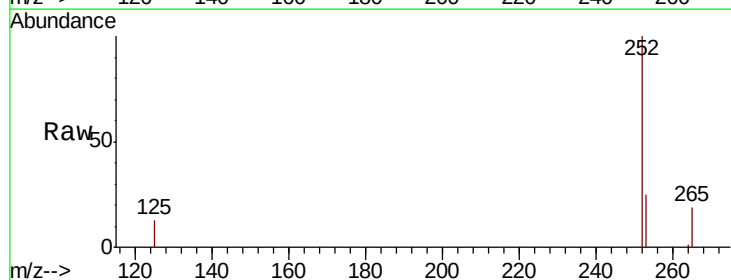
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

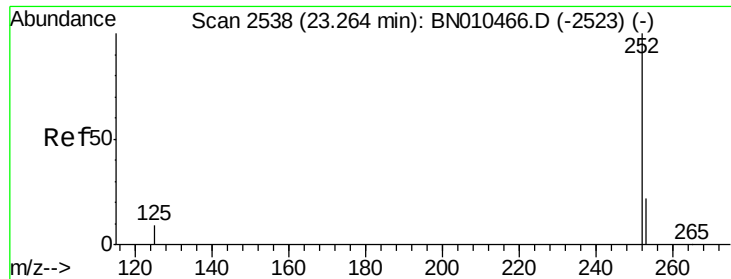
Tot Ion:252 Resp: 28671
Ion Ratio Lower Upper
252 100
253 24.6 20.2 30.4
125 11.3 9.2 13.8



#36
Benzo(k)fluoranthene
Concen: 0.415 ng
RT: 22.73 min Scan# 2383
Delta R.T. 0.00 min
Lab File: BN010668.D
Acq: 30 Apr 2020 10:41

Tgt Ion:252 Resp: 30559
Ion Ratio Lower Upper
252 100
253 25.1 20.1 30.1
125 13.1 9.6 14.4





#37

Benzo(a)pyrene

Concen: 0.399 ng

RT: 23.24 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

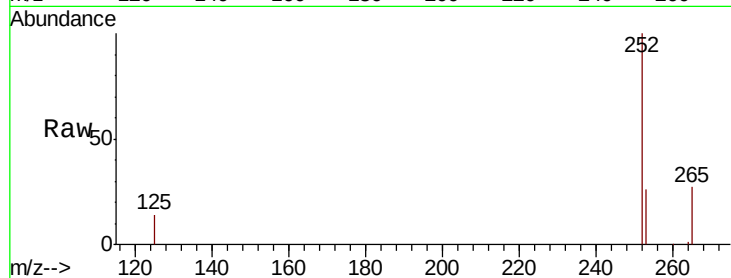
Tot Ion:252 Resp: 25946

Ion Ratio Lower Upper

252 100

253 26.3 21.8 32.8

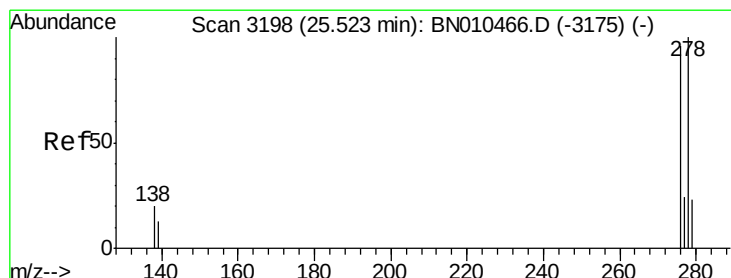
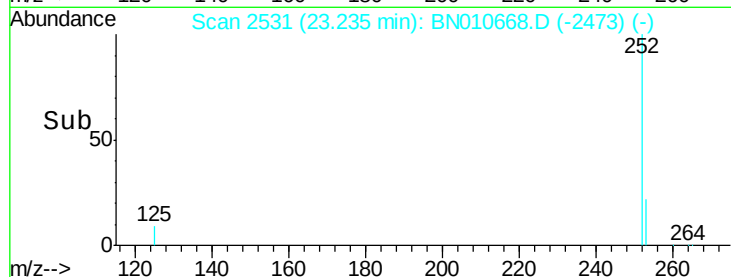
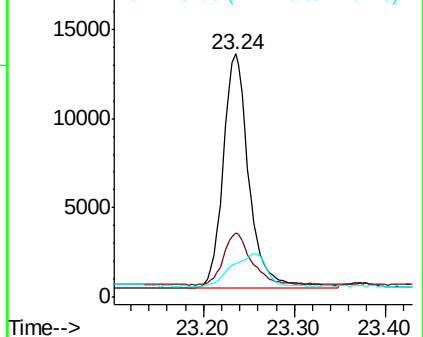
125 14.0 11.0 16.6



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: 0.422 ng

RT: 25.48 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

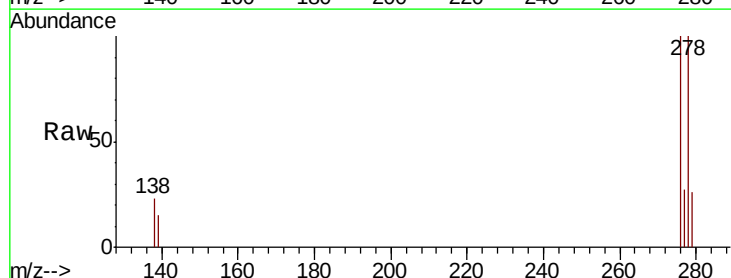
Tgt Ion:278 Resp: 25092

Ion Ratio Lower Upper

278 100

139 14.8 12.3 18.5

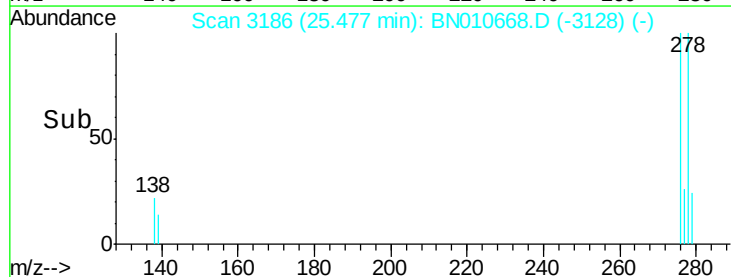
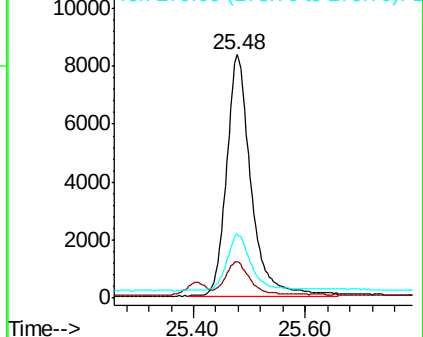
279 26.5 21.9 32.9

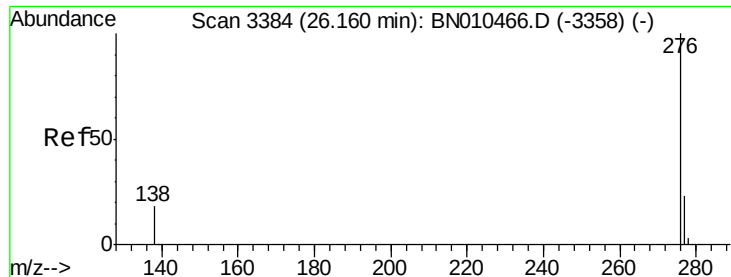


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.425 ng

RT: 26.11 min Scan# 3371

Delta R.T. 0.00 min

Lab File: BN010668.D

Acq: 30 Apr 2020 10:41

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

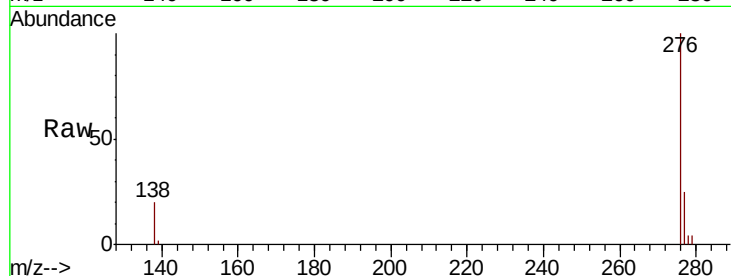
Tot Ion:276 Resp: 25434

Ion Ratio Lower Upper

276 100

277 24.7 20.2 30.2

138 19.5 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

