

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051220\
 Data File : BN010693.D
 Acq On : 12 May 2020 10:09
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: May 12 11:00:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN041320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 10:58:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2976	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	12337	0.40	ng	0.00
13) Acenaphthene-d10	14.20	164	7978	0.40	ng	0.00
19) Phenanthrene-d10	16.95	188	16975	0.40	ng	0.00
27) Chrysene-d12	21.16	240	13016	0.40	ng	0.00
34) Perylene-d12	23.33	264	11874	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	2412	0.37	ng	0.00
5) Phenol-d6	6.78	99	2919	0.34	ng	0.00
8) Nitrobenzene-d5	8.72	82	3314	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.93	152	8196	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.71	330	1020	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.82	172	11483	0.40	ng	0.00
25) Fluoranthene-d10	18.99	212	17647	0.34	ng	0.00
29) Terphenyl-d14	19.60	244	12657	0.42	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.24	88	913	0.42	ng	99
3) n-Nitrosodimethylamine	3.58	42	533	0.38	ng	# 89
6) bis(2-Chloroethyl)ether	7.02	93	3084	0.42	ng	98
9) Naphthalene	10.38	128	12343	0.40	ng	99
10) Hexachlorobutadiene	10.68	225	2728	0.37	ng	# 97
12) 2-Methylnaphthalene	12.01	142	8899	0.40	ng	99
16) Acenaphthylene	13.91	152	12007	0.35	ng	100
17) Acenaphthene	14.27	154	8479	0.38	ng	98
18) Fluorene	15.26	166	11112	0.38	ng	99
20) 4-Bromophenyl-phenylether	16.16	248	3575	0.38	ng	# 83
21) Hexachlorobenzene	16.27	284	4385	0.41	ng	97
22) Pentachlorophenol	16.62	266	1499	0.35	ng	99
23) Phenanthrene	17.00	178	17474	0.38	ng	99
24) Anthracene	17.09	178	14168	0.34	ng	100
26) Fluoranthene	19.02	202	19713	0.35	ng	99
28) Pyrene	19.39	202	19737	0.45	ng	100
30) Benzo(a)anthracene	21.14	228	14391	0.34	ng	99
31) Chrysene	21.20	228	16664	0.39	ng	99
32) Bis(2-ethylhexyl)phthalate	21.10	149	6638	0.30	ng	97
33) Indeno(1,2,3-cd)pyrene	25.47	276	12658	0.34	ng	97
35) Benzo(b)fluoranthene	22.68	252	15228	0.39	ng	96
36) Benzo(k)fluoranthene	22.73	252	16217	0.41	ng	96
37) Benzo(a)pyrene	23.23	252	12784	0.37	ng	# 91
38) Dibenzo(a,h)anthracene	25.49	278	8980	0.28	ng	# 91
39) Benzo(g,h,i)perylene	26.11	276	12407	0.39	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.58 min Scan# 590

Delta R.T. 0.00 min

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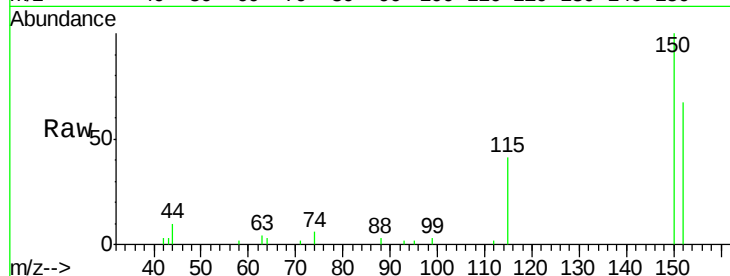
Tgt Ion:152 Resp: 2976

Ion Ratio Lower Upper

152 100

150 149.2 121.8 182.6

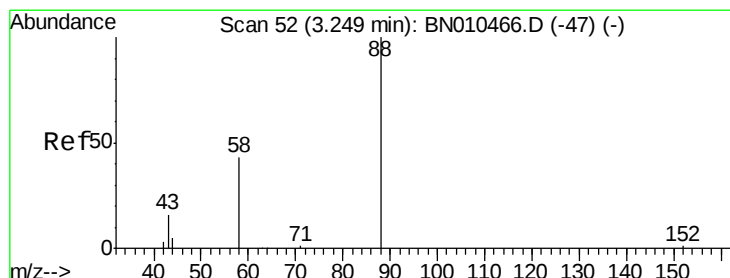
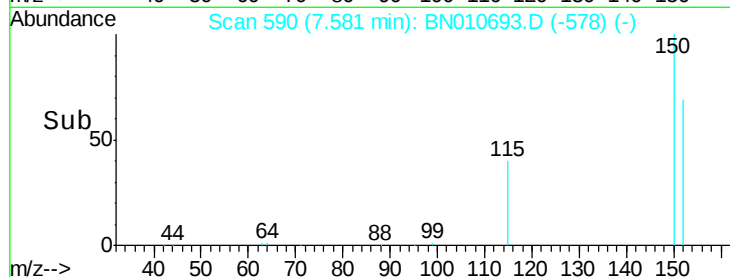
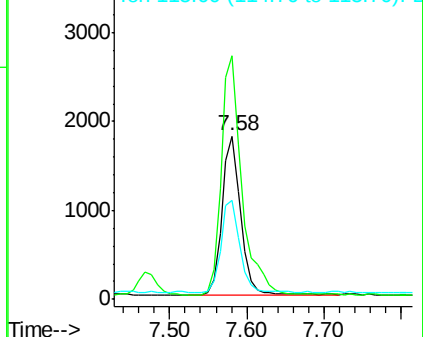
115 60.5 45.5 68.3



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: 0.42 ng

RT: 3.24 min Scan# 51

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

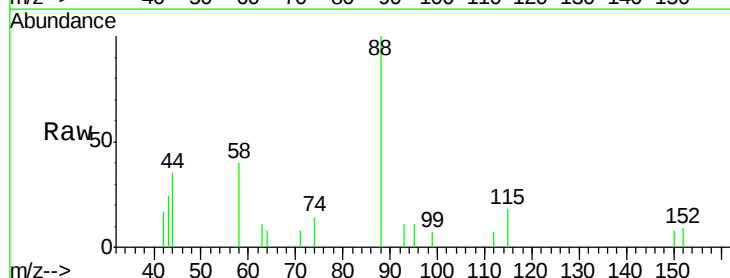
Tgt Ion: 88 Resp: 913

Ion Ratio Lower Upper

88 100

58 45.5 36.5 54.7

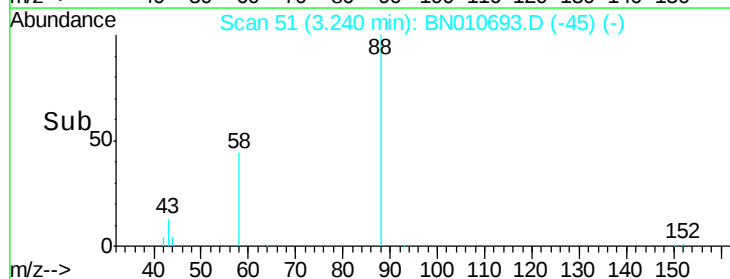
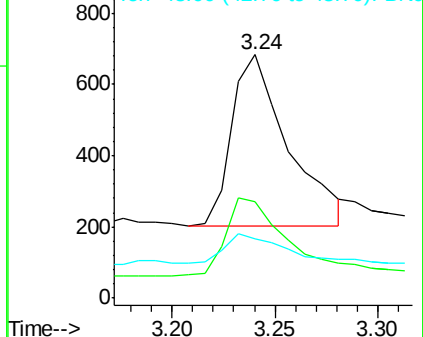
43 17.1 13.2 19.8

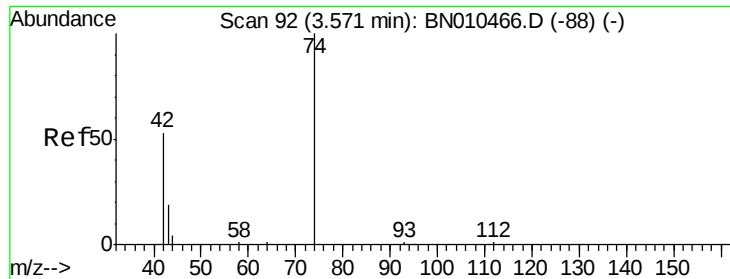


Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0





#3

n-Nitrosodimethylamine

Concen: 0.38 ng

RT: 3.58 min Scan# 93

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

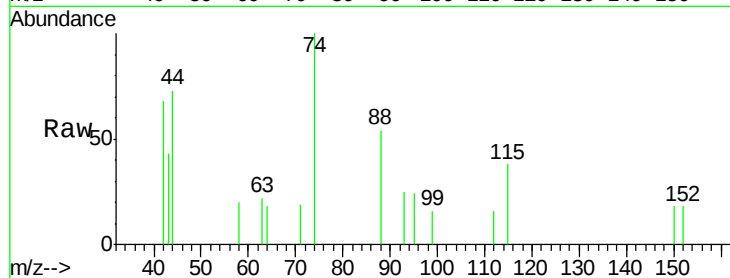
Tgt Ion: 42 Resp: 533

Ion Ratio Lower Upper

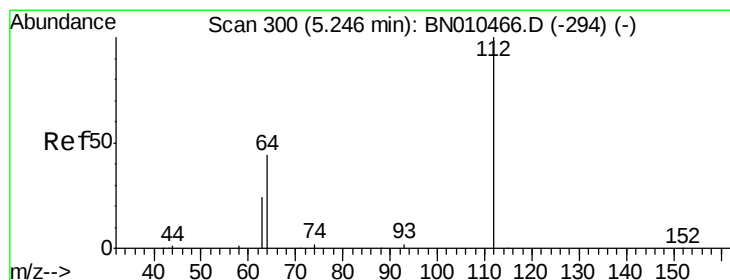
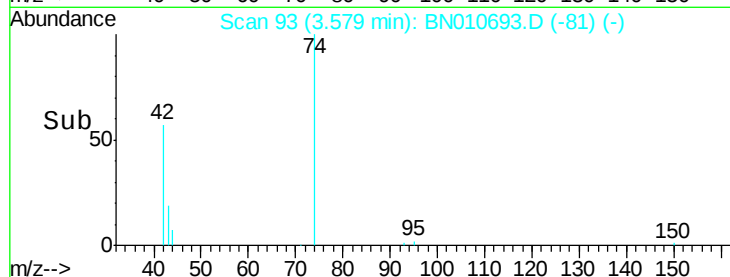
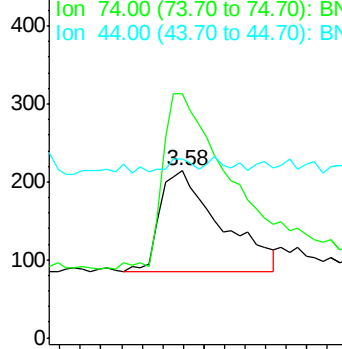
42 100

74 185.9 162.2 243.4

44 5.1 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: 0.37 ng

RT: 5.22 min Scan# 297

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

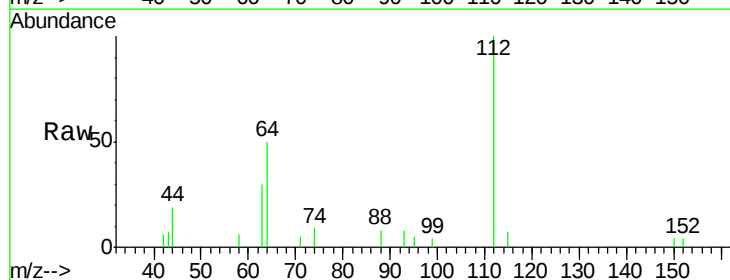
Tgt Ion: 112 Resp: 2412

Ion Ratio Lower Upper

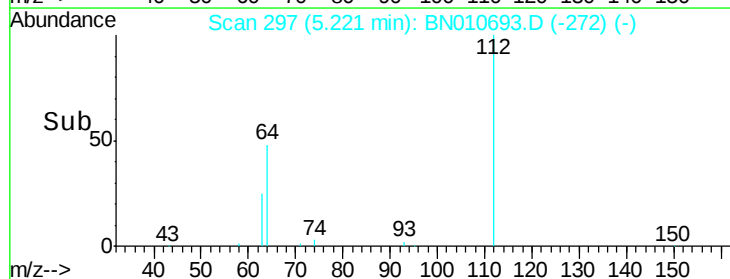
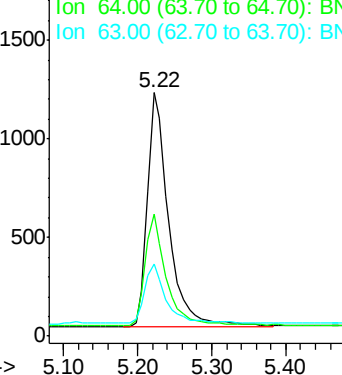
112 100

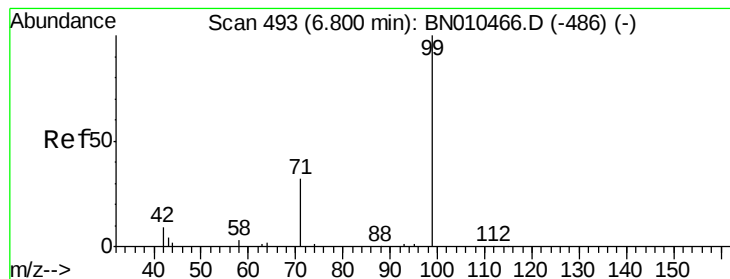
64 45.4 35.8 53.8

63 25.3 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: 0.34 ng

RT: 6.78 min Scan# 490

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

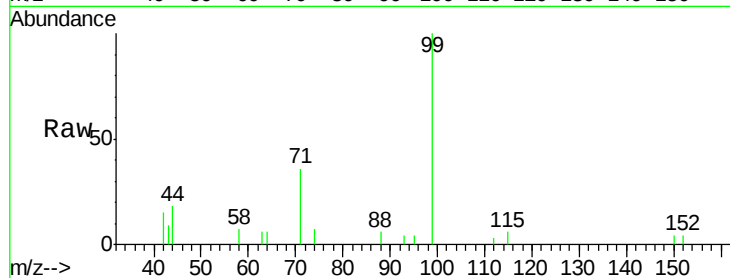
Tgt Ion: 99 Resp: 2919

Ion Ratio Lower Upper

99 100

42 13.0 9.8 14.6

71 36.3 27.8 41.8

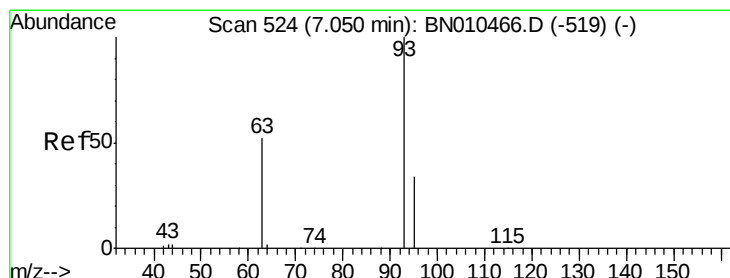
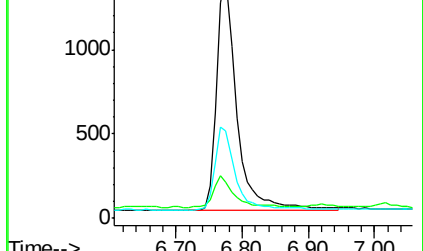
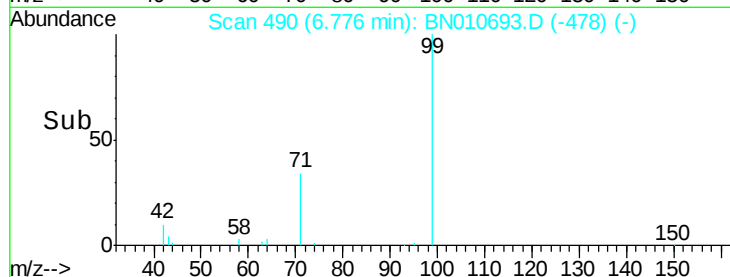


Abundance Ion 99.00 (98.70 to 99.70): BN010466.D (-486) (-)

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

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

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.42 ng

RT: 7.02 min Scan# 520

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

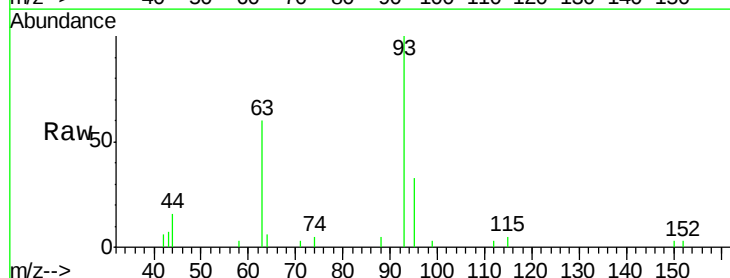
Tgt Ion: 93 Resp: 3084

Ion Ratio Lower Upper

93 100

63 54.1 44.6 66.8

95 31.7 26.5 39.7

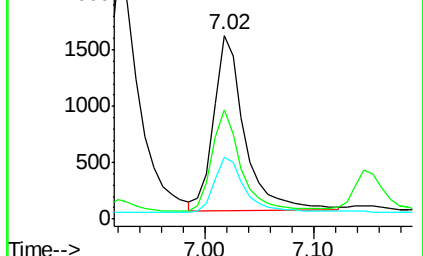
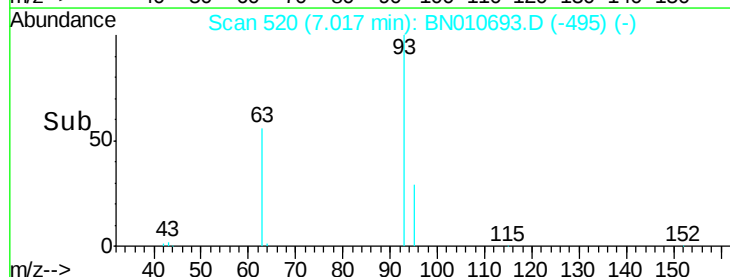


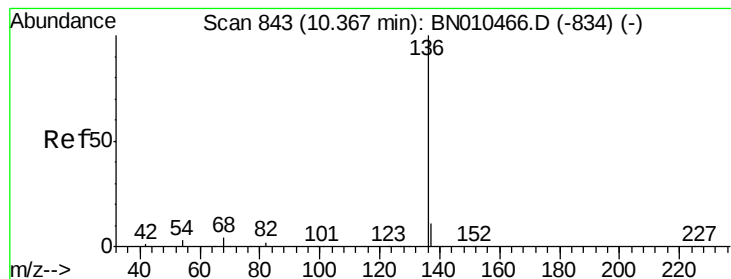
Abundance Ion 93.00 (92.70 to 93.70): BN010466.D (-519) (-)

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

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

Time-->





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.33 min Scan# 840

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

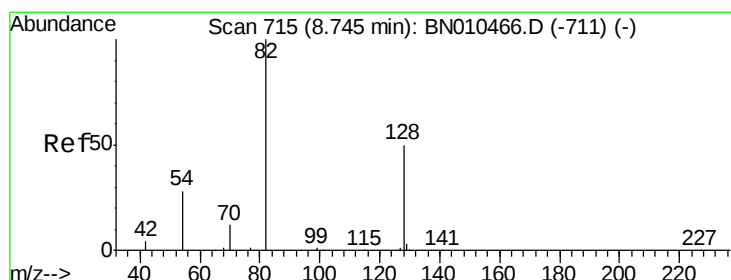
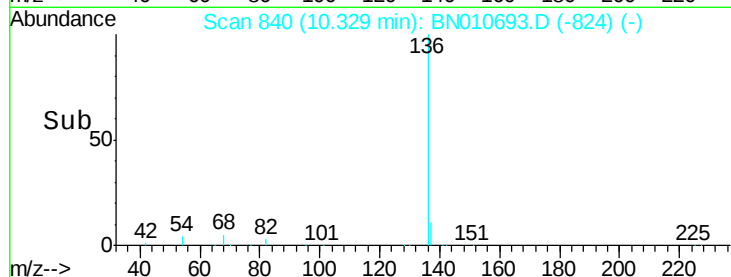
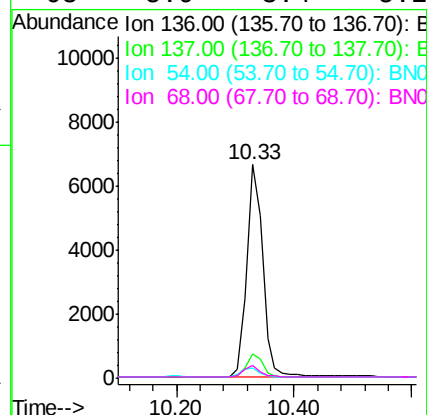
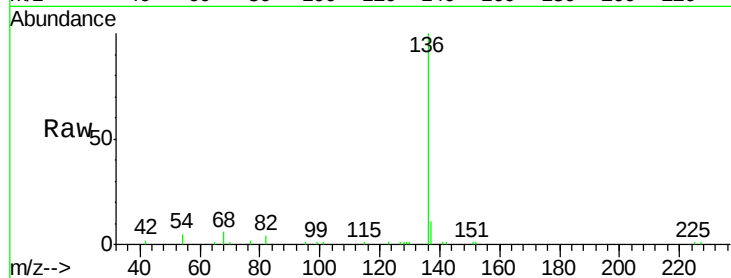
Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tgt Ion:	136	Resp:	12337
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	4.7	2.6	4.0#
68	5.9	3.4	5.2#



#8

Nitrobenzene-d5

Concen: 0.38 ng

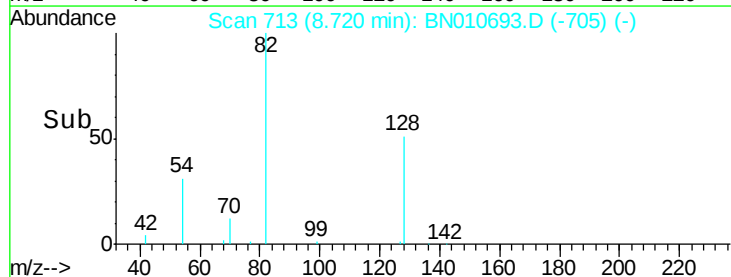
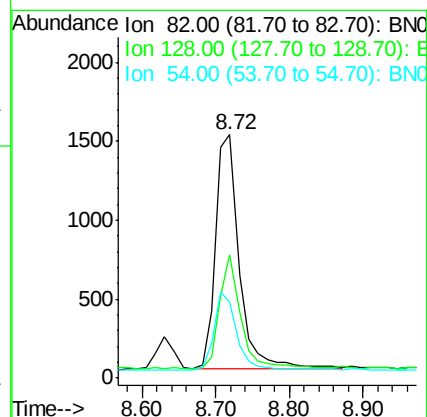
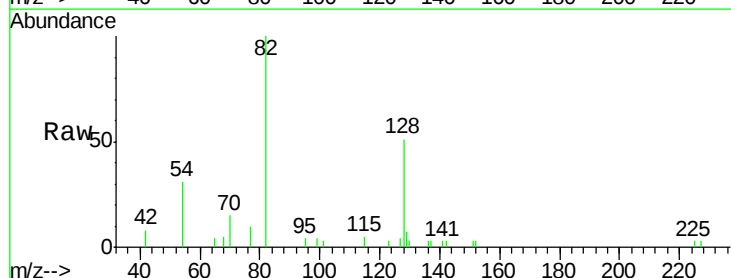
RT: 8.72 min Scan# 713

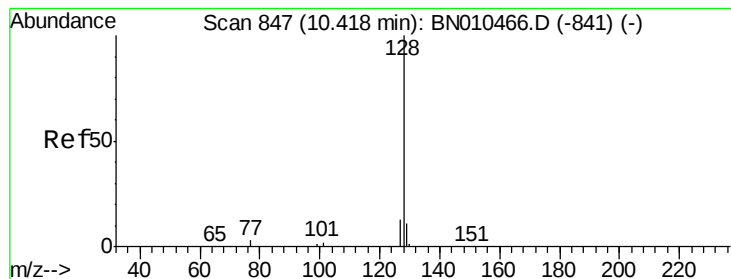
Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

Tgt Ion:	82	Resp:	3314
Ion	Ratio	Lower	Upper
82	100		
128	50.6	41.3	61.9
54	31.1	23.4	35.0





#9

Naphthalene

Concen: 0.40 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

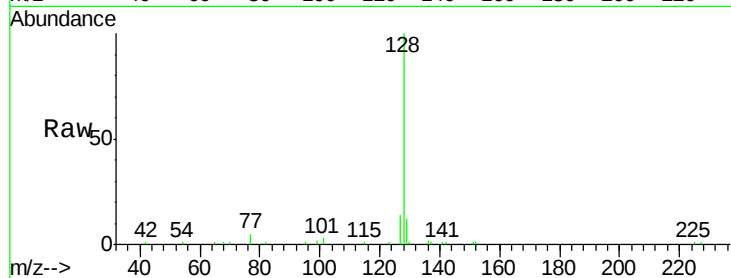
Tgt Ion:128 Resp: 12343

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

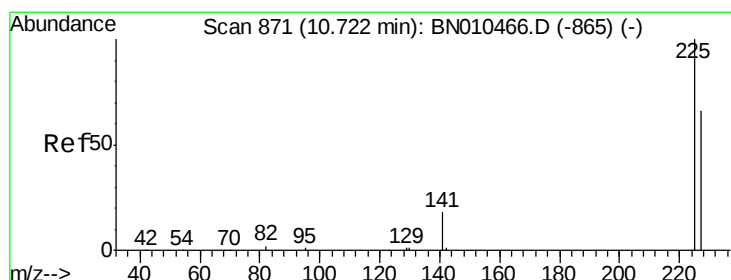
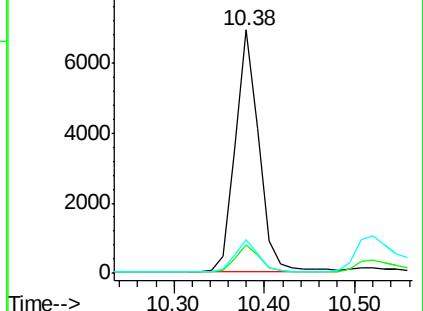
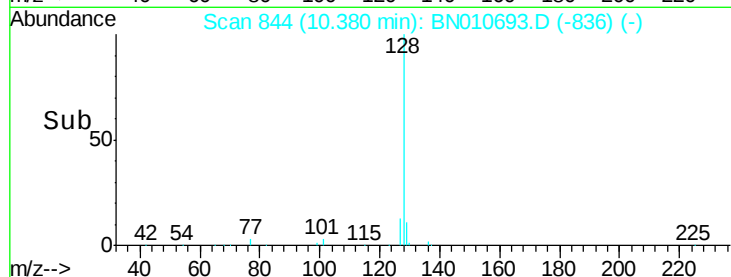
127 13.7 10.5 15.7



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: 0.37 ng

RT: 10.68 min Scan# 868

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

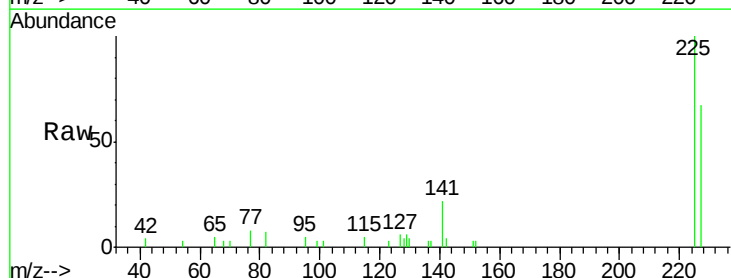
Tgt Ion:225 Resp: 2728

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

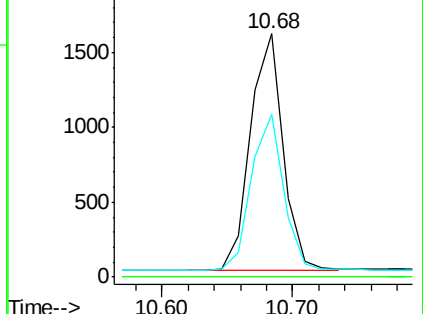
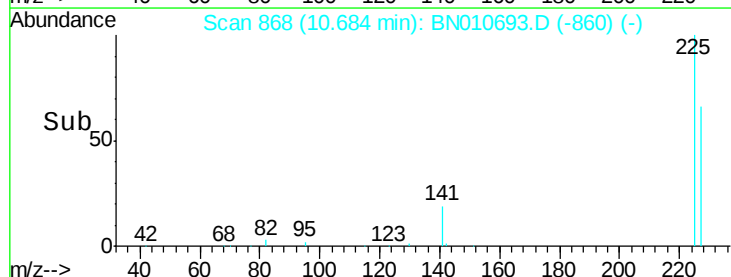
227 65.5 50.6 76.0

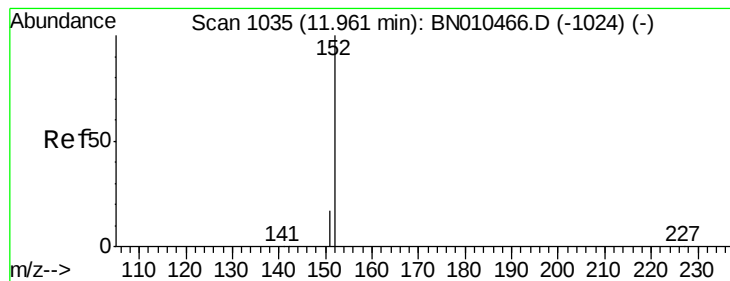


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

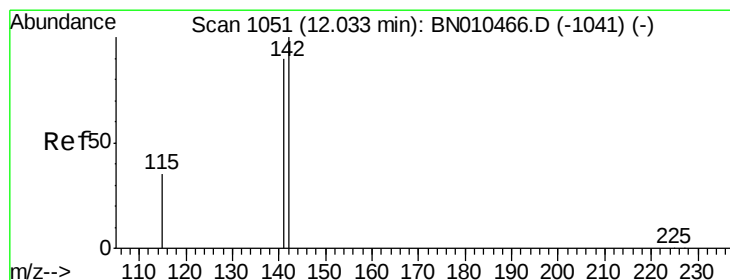
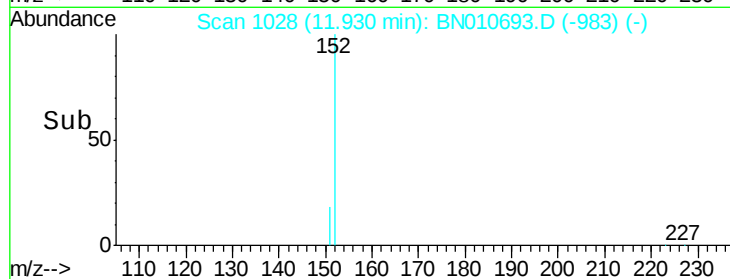
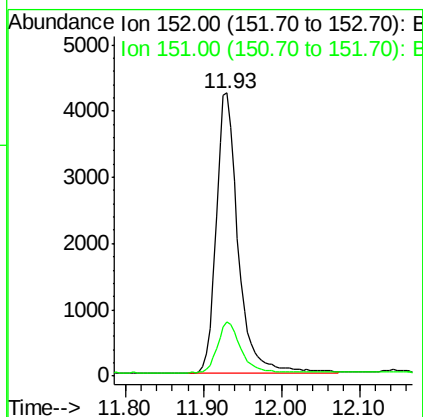
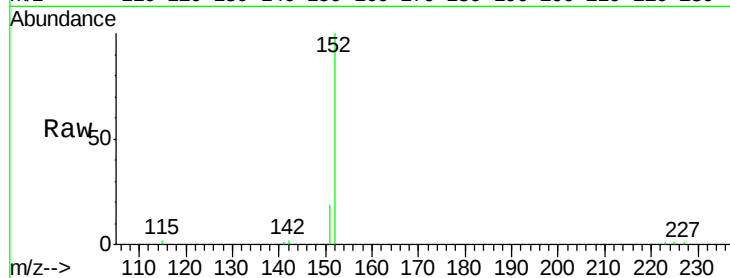




#11
2-Methylnaphthalene-d10
Concen: 0.40 ng
RT: 11.93 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

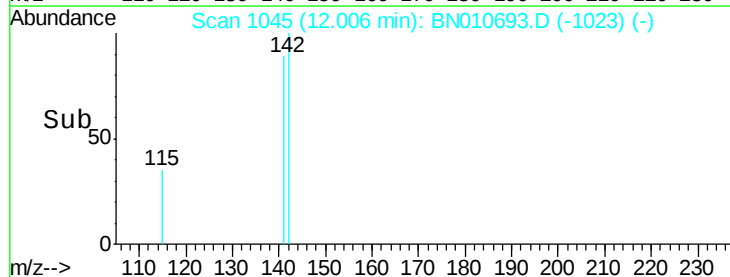
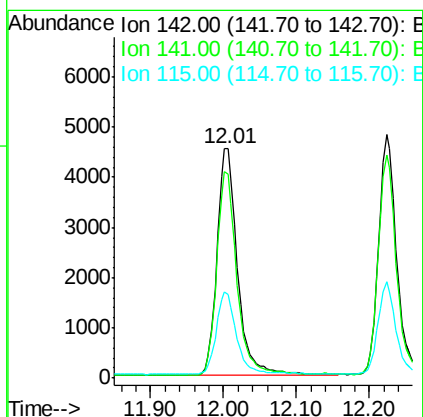
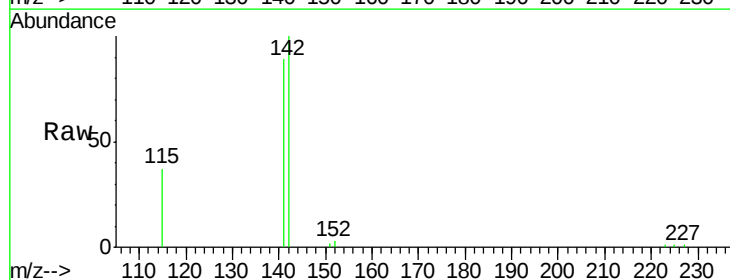
Instrument :
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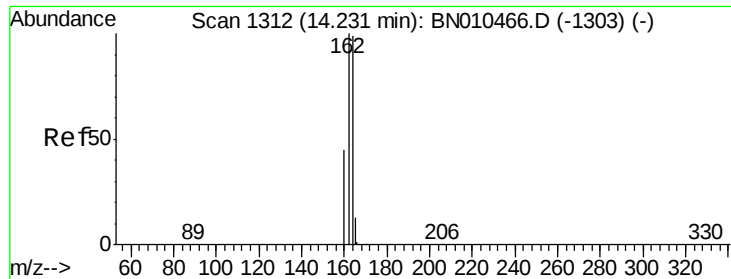
Tgt Ion:152 Resp: 8196
Ion Ratio Lower Upper
152 100
151 19.6 15.3 22.9



#12
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.01 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

Tgt Ion:142 Resp: 8899
Ion Ratio Lower Upper
142 100
141 89.1 71.9 107.9
115 36.7 28.8 43.2





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.20 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

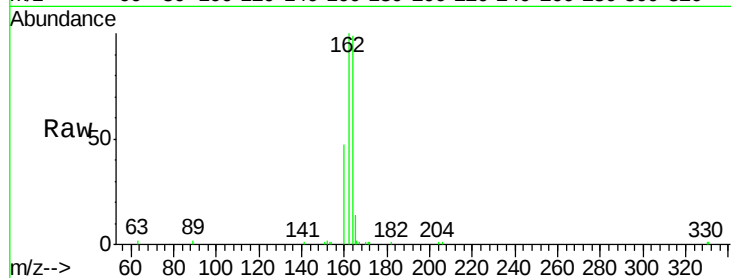
Tgt Ion:164 Resp: 7978

Ion Ratio Lower Upper

164 100

162 100.6 80.6 121.0

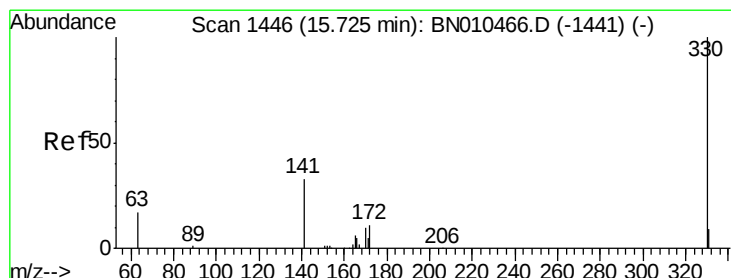
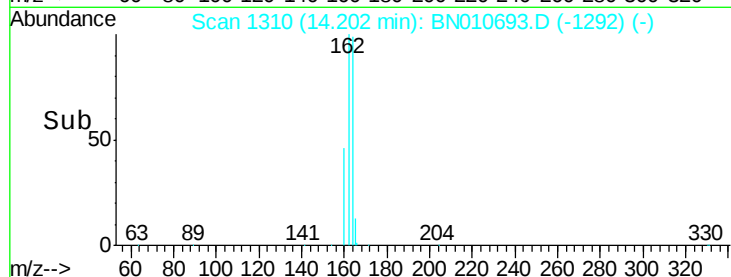
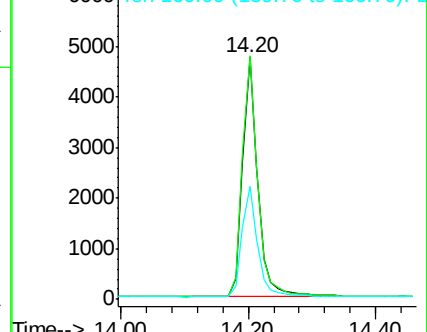
160 46.9 36.5 54.7



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: 0.27 ng

RT: 15.71 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

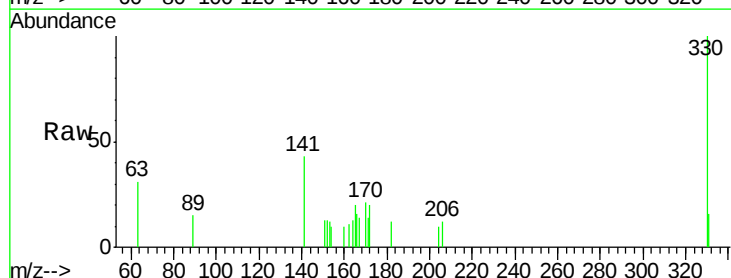
Tgt Ion:330 Resp: 1020

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

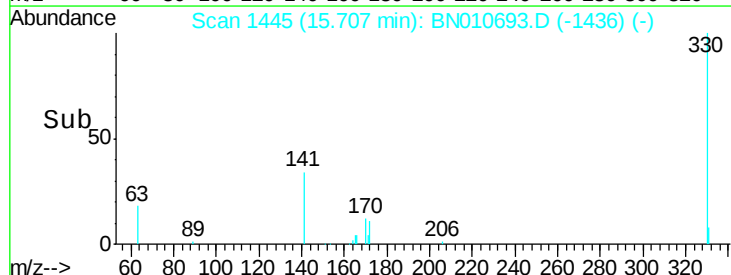
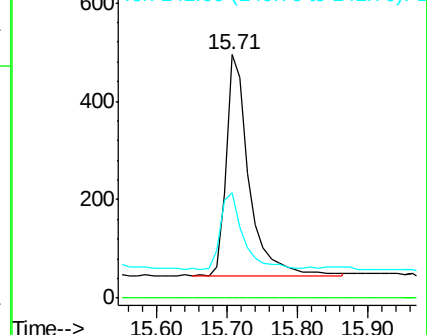
141 36.3 28.1 42.1

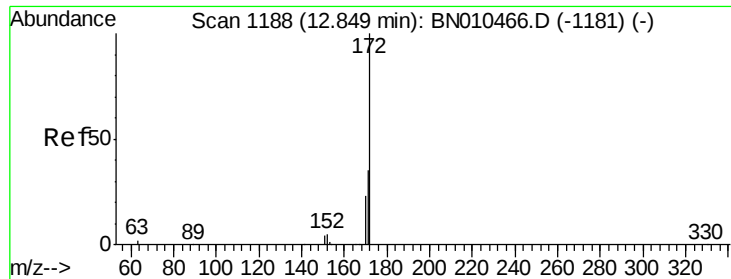


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

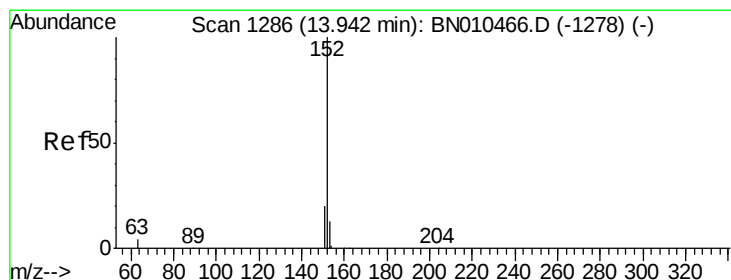
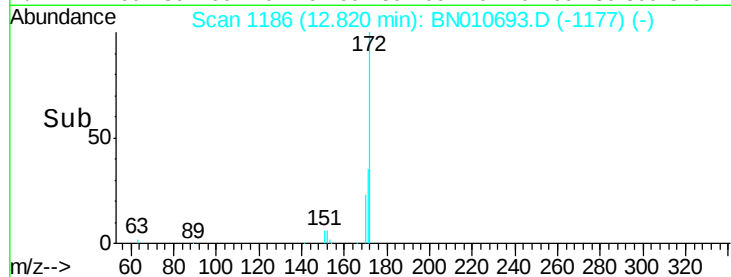
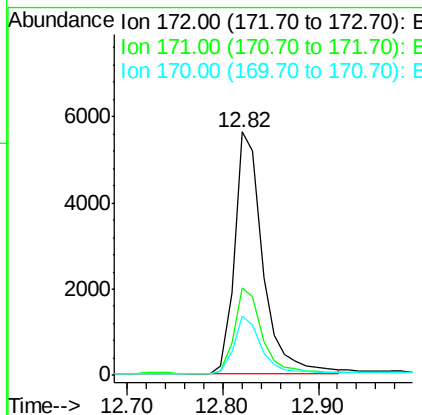
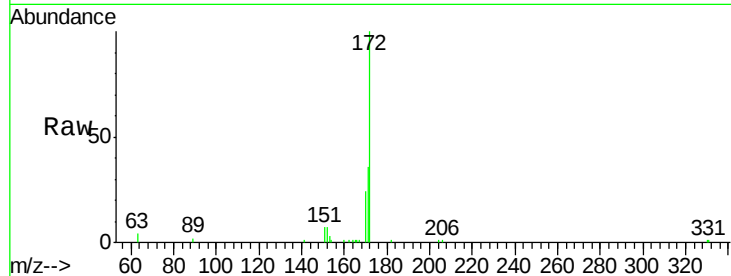




#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 12.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

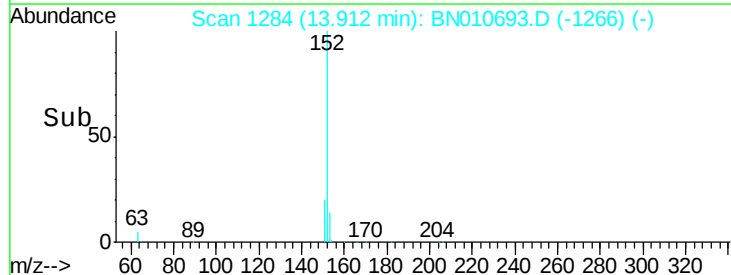
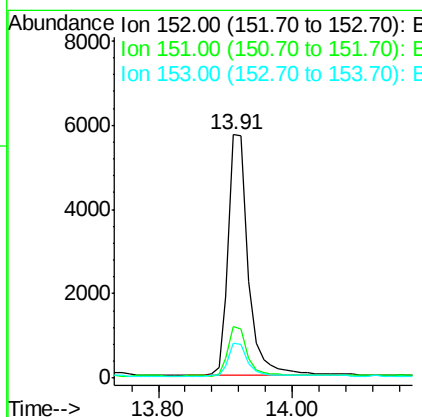
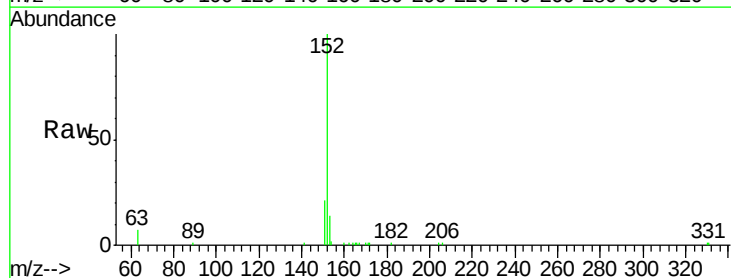
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

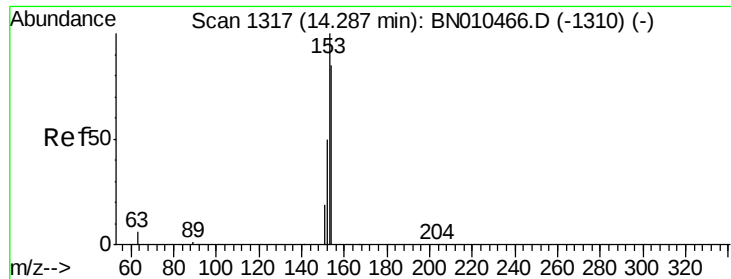
Tgt Ion:172 Resp: 11483
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.2
170 24.1 18.4 27.6



#16
Acenaphthylene
Concen: 0.35 ng
RT: 13.91 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

Tgt Ion:152 Resp: 12007
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 13.5 10.6 15.8





#17

Acenaphthene

Concen: 0.38 ng

RT: 14.27 min Scan# 1316

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

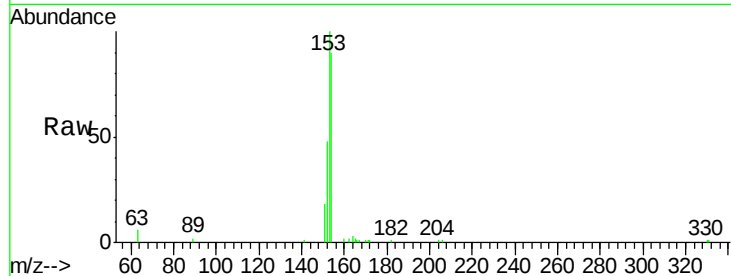
Tgt Ion:154 Resp: 8479

Ion Ratio Lower Upper

154 100

153 115.2 91.0 136.4

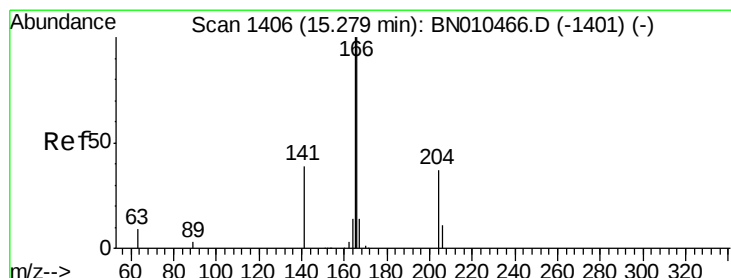
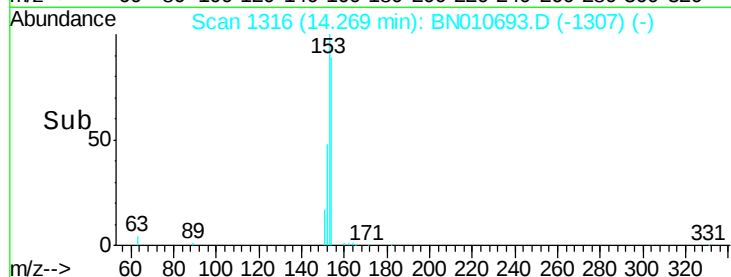
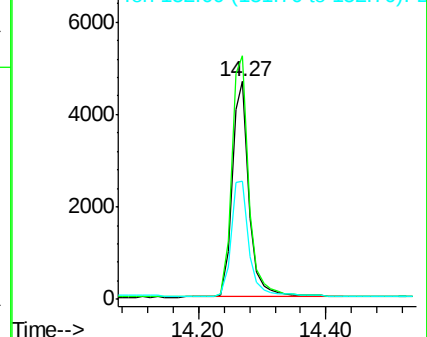
152 57.0 44.6 67.0



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: 0.38 ng

RT: 15.26 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

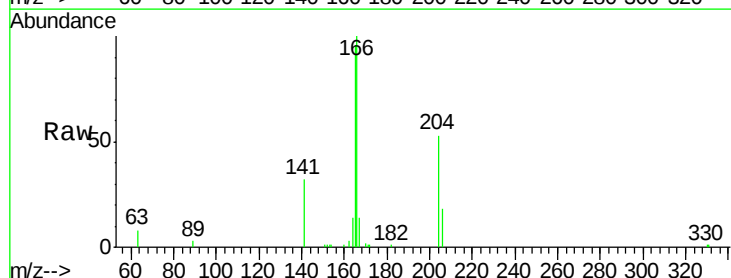
Tgt Ion:166 Resp: 11112

Ion Ratio Lower Upper

166 100

165 97.1 78.4 117.6

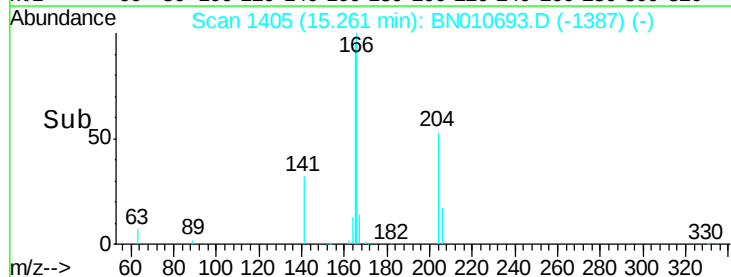
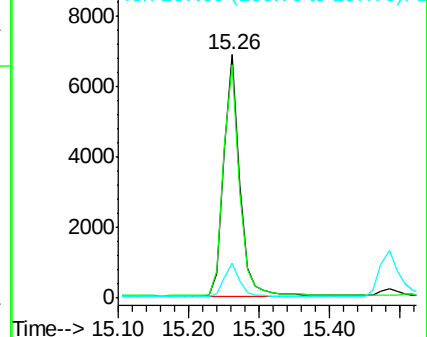
167 13.6 10.9 16.3

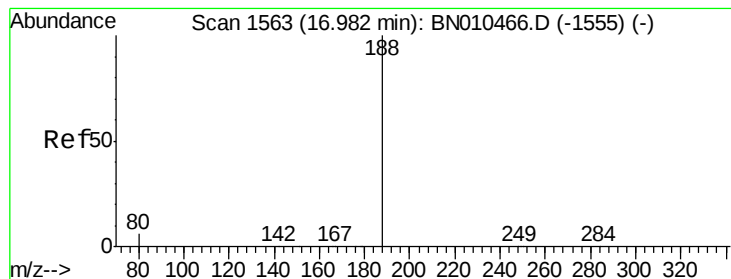


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.40 ng

RT: 16.95 min Scan# 1561

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

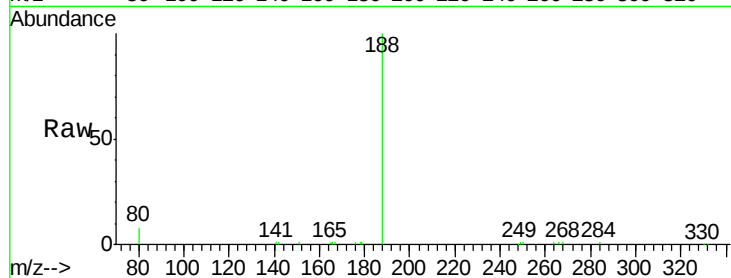
Tgt Ion:188 Resp: 16975

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

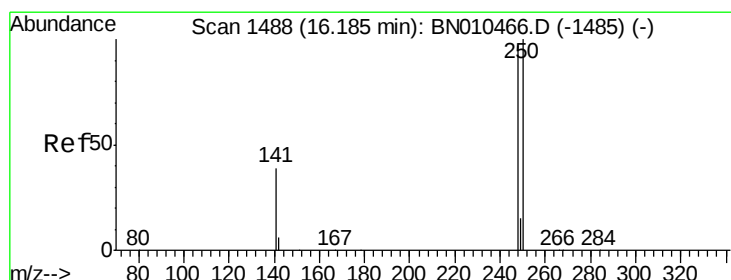
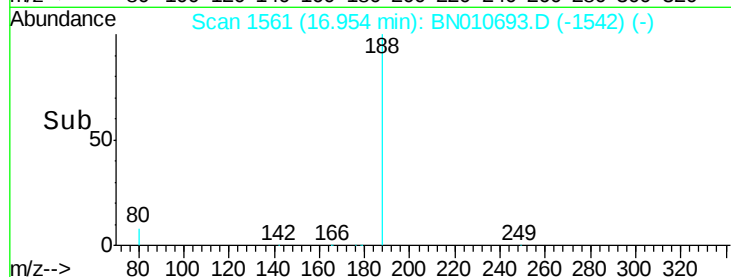
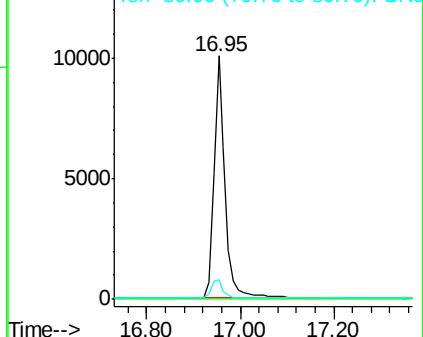
80 8.2 5.0 7.6#



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: 0.38 ng

RT: 16.16 min Scan# 1486

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

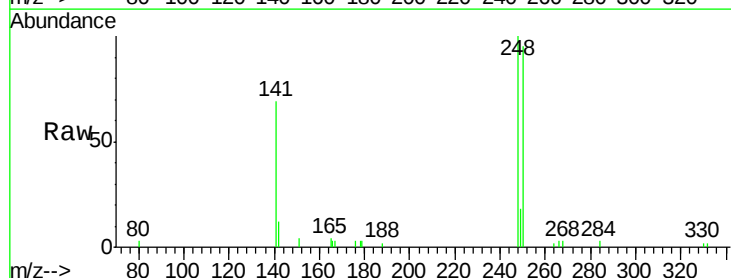
Tgt Ion:248 Resp: 3575

Ion Ratio Lower Upper

248 100

250 95.0 82.3 123.5

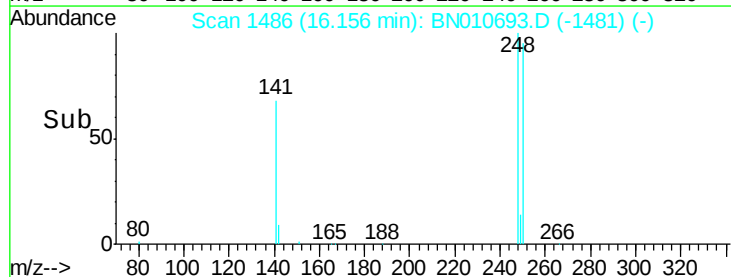
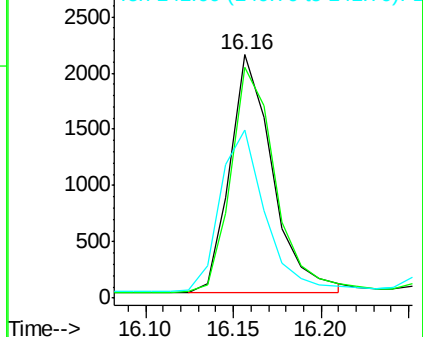
141 68.8 35.2 52.8#

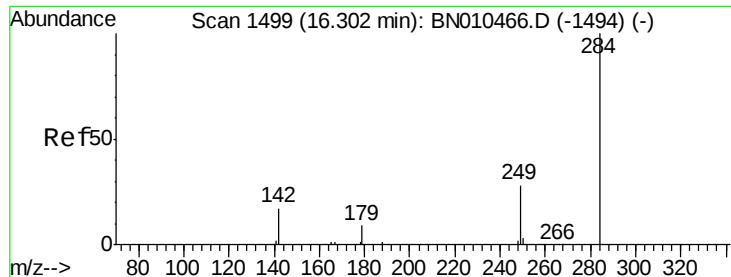


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

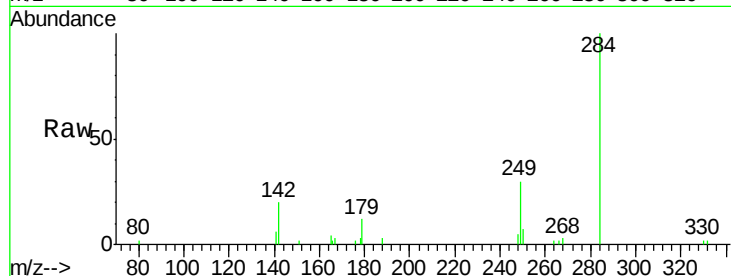




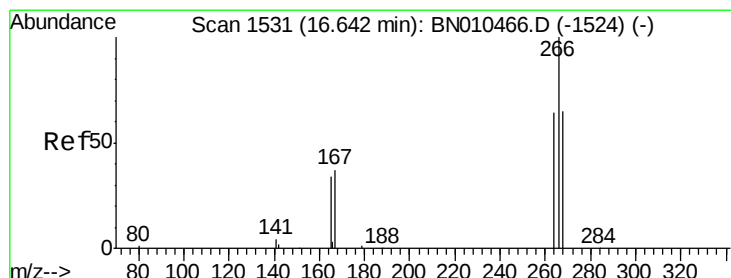
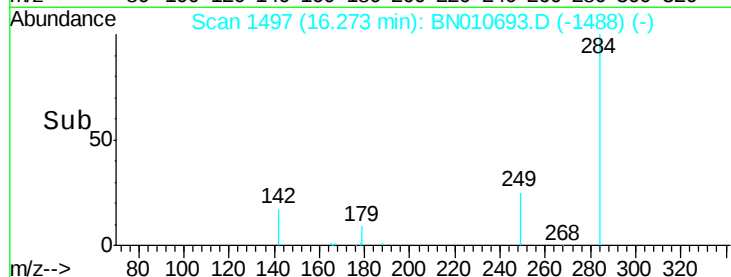
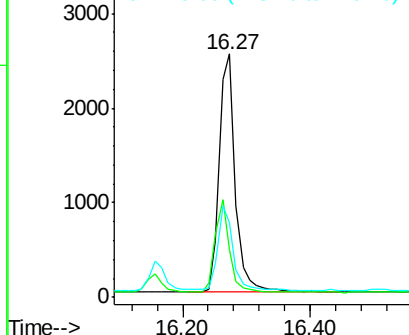
#21
Hexachlorobenzene
Concen: 0.41 ng
RT: 16.27 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 4385
Ion Ratio Lower Upper
284 100
142 34.8 25.5 38.3
249 32.8 25.8 38.6

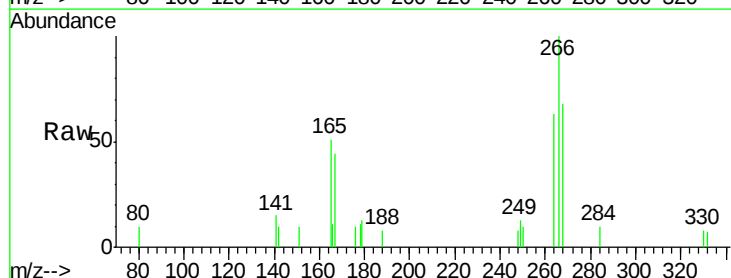


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

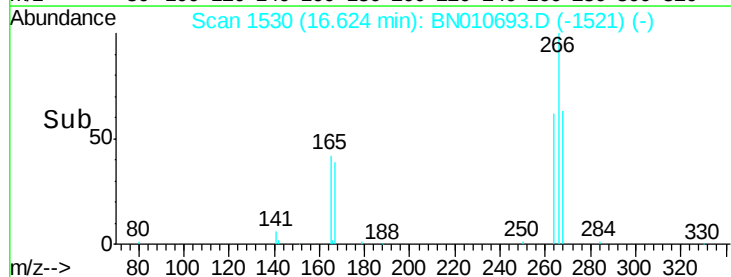
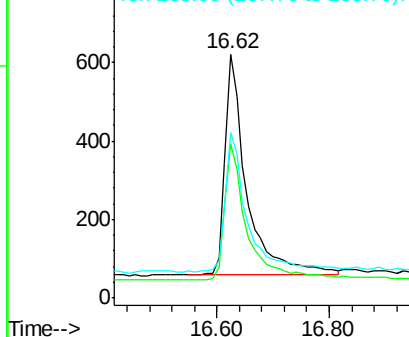


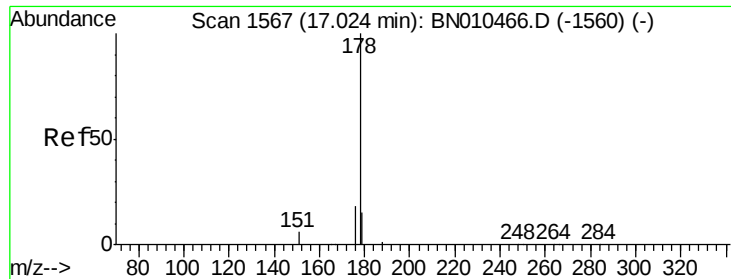
#22
Pentachlorophenol
Concen: 0.35 ng
RT: 16.62 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

Tgt Ion:266 Resp: 1499
Ion Ratio Lower Upper
266 100
264 63.4 51.8 77.6
268 67.8 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: 0.38 ng

RT: 17.00 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

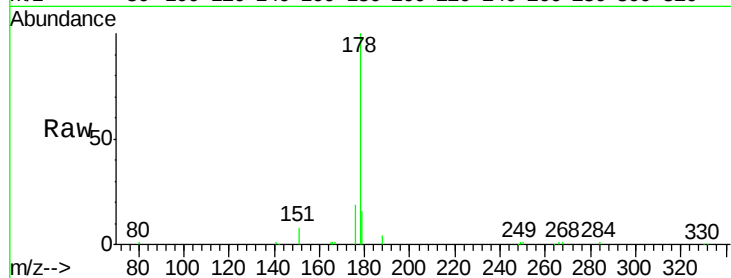
Tgt Ion:178 Resp: 17474

Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.4

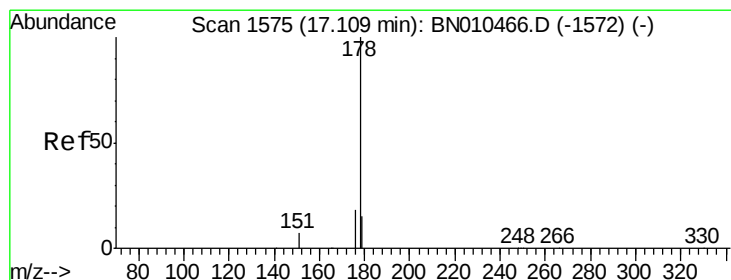
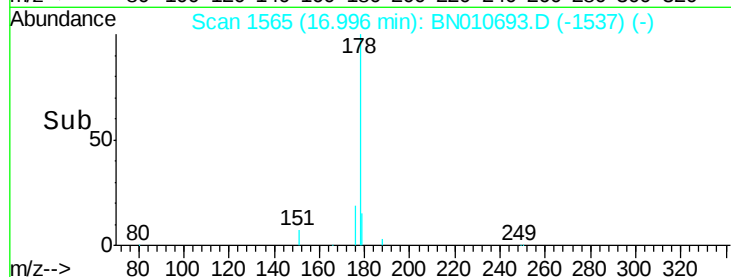
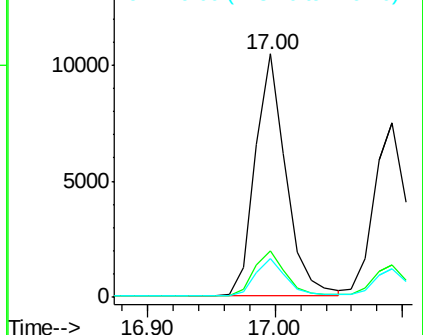
179 15.6 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.34 ng

RT: 17.09 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

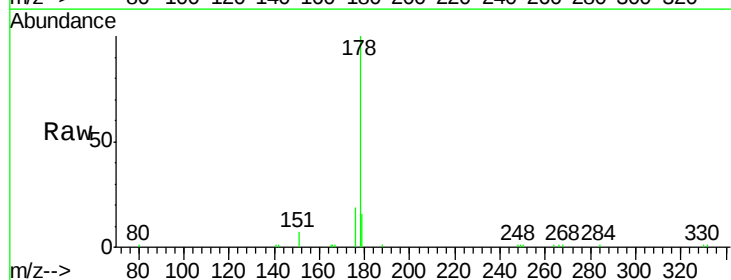
Tgt Ion:178 Resp: 14168

Ion Ratio Lower Upper

178 100

176 18.0 14.6 21.8

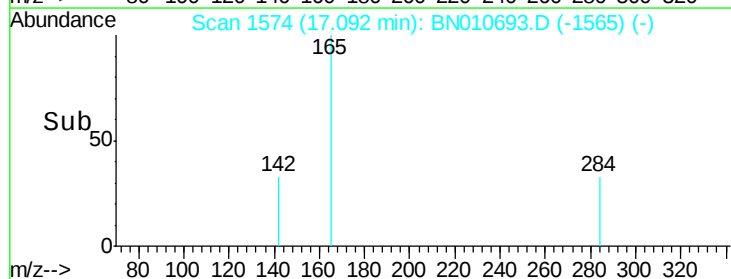
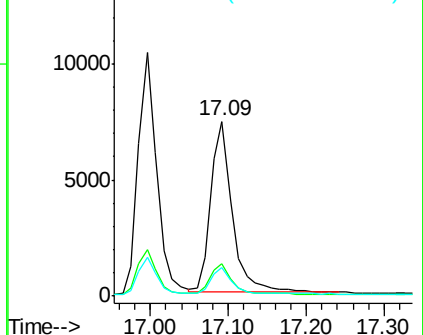
179 15.3 12.2 18.2

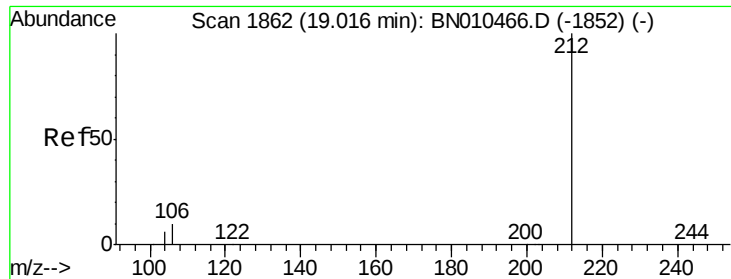


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.34 ng

RT: 18.99 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

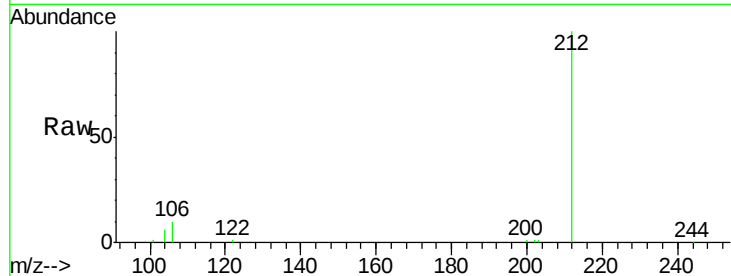
Instrument :

BNA_N

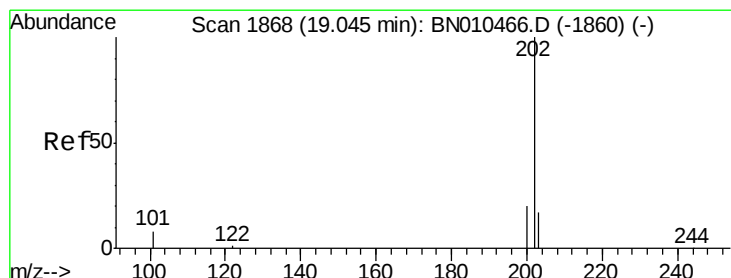
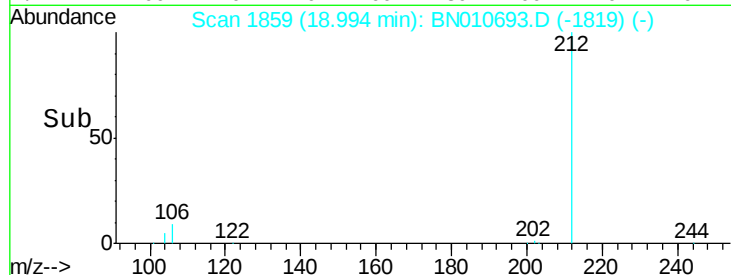
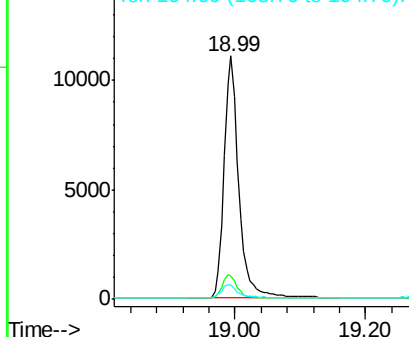
ClientSampleId :

SSTDCCC0.4

Tgt Ion:	212	Resp:	17647
Ion	Ratio	Lower	Upper
212	100		
106	9.8	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: 0.35 ng

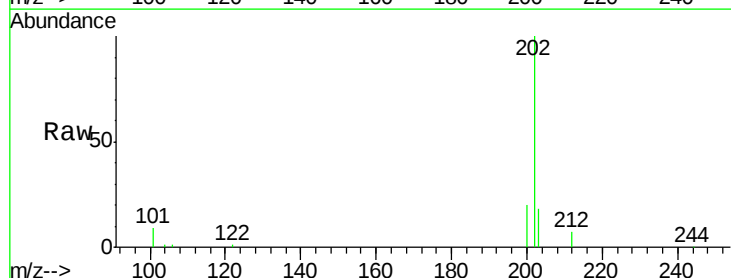
RT: 19.02 min Scan# 1865

Delta R.T. 0.00 min

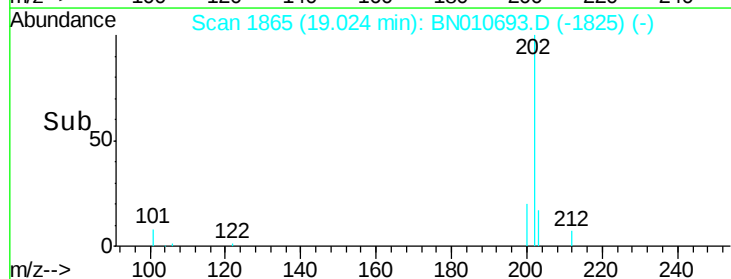
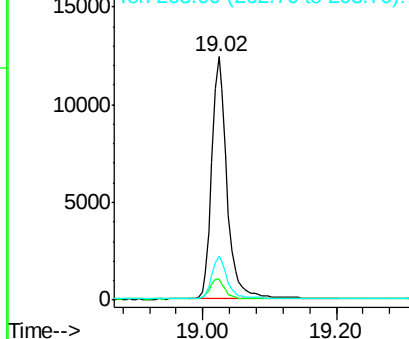
Lab File: BN010693.D

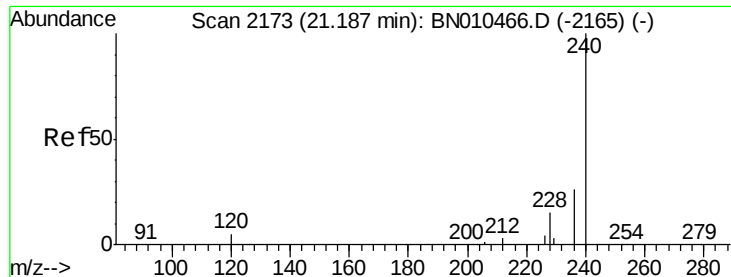
Acq: 12 May 2020 10:09

Tgt Ion:	202	Resp:	19713
Ion	Ratio	Lower	Upper
202	100		
101	8.3	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

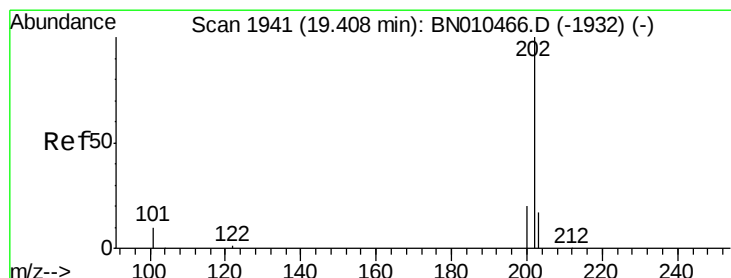
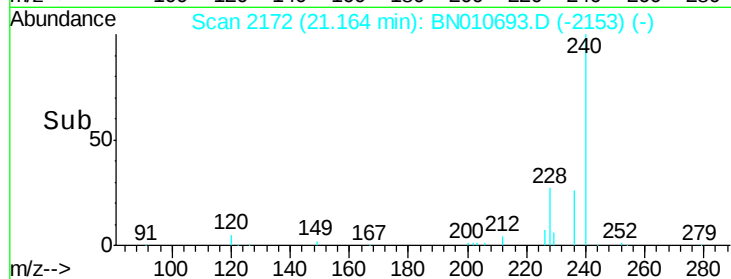
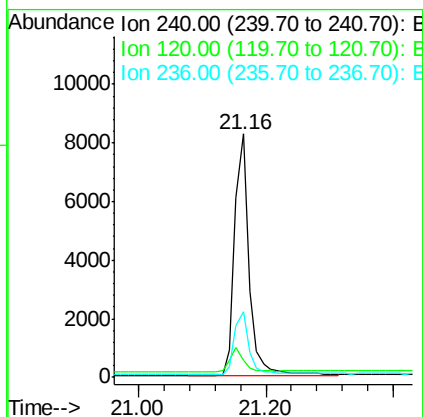
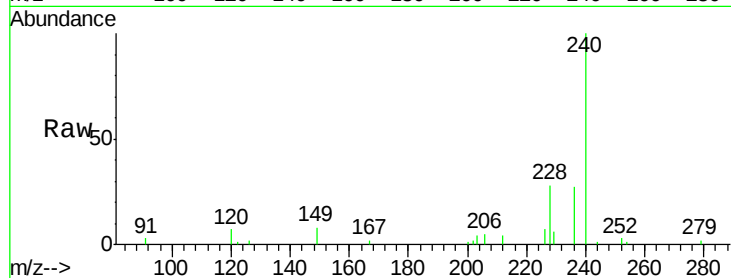




#27
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.16 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: BN010693.D
 Acq: 12 May 2020 10:09

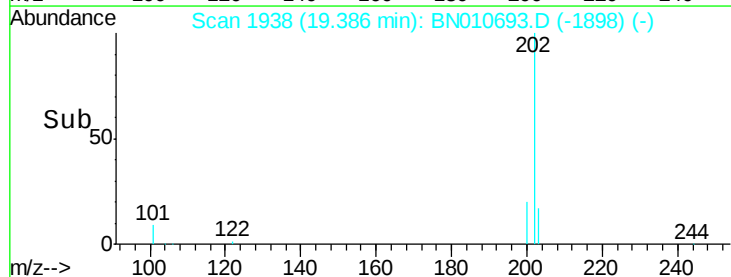
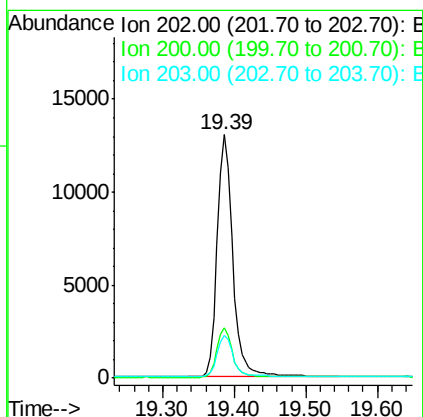
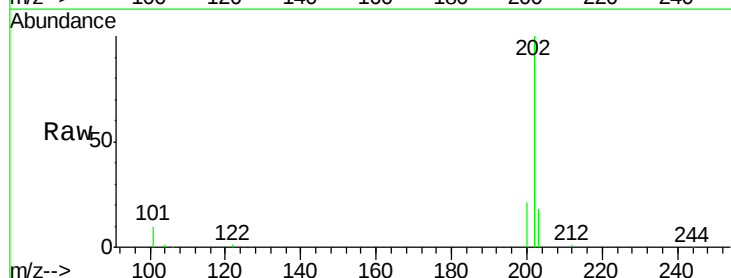
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

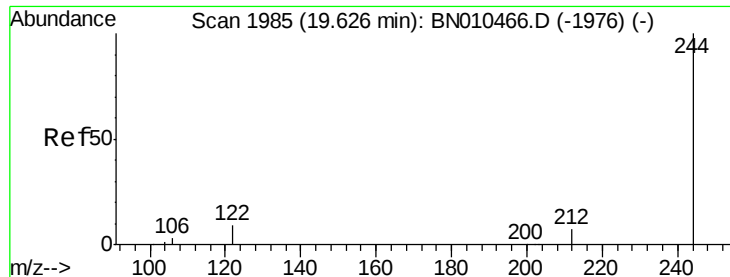
Tgt Ion: 240 Resp: 13016
 Ion Ratio Lower Upper
 240 100
 120 7.3 4.8 7.2#
 236 27.2 21.4 32.0



#28
 Pyrene
 Concen: 0.45 ng
 RT: 19.39 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: BN010693.D
 Acq: 12 May 2020 10:09

Tgt Ion: 202 Resp: 19737
 Ion Ratio Lower Upper
 202 100
 200 20.2 16.3 24.5
 203 17.6 14.0 21.0





#29

Terphenyl-d14

Concen: 0.42 ng

RT: 19.60 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

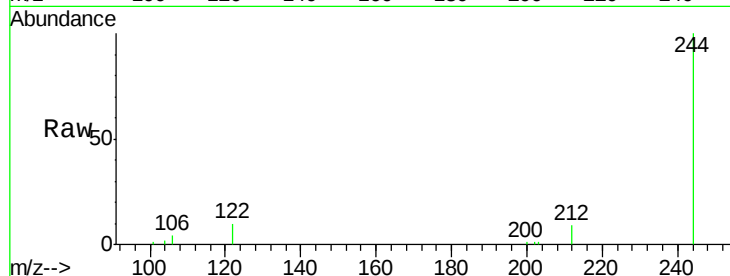
Tgt Ion:244 Resp: 12657

Ion Ratio Lower Upper

244 100

212 8.7 6.2 9.4

122 10.4 7.8 11.8

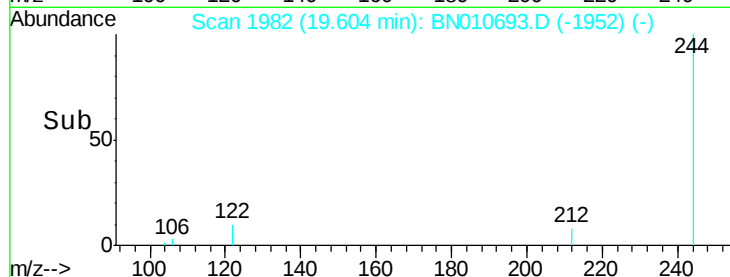


Abundance Ion 244.00 (243.70 to 244.70): E

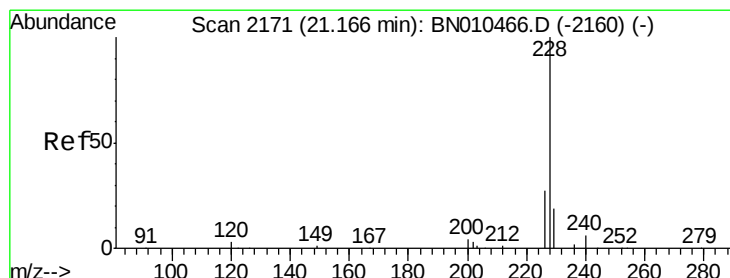
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#30

Benzo(a)anthracene

Concen: 0.34 ng

RT: 21.14 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

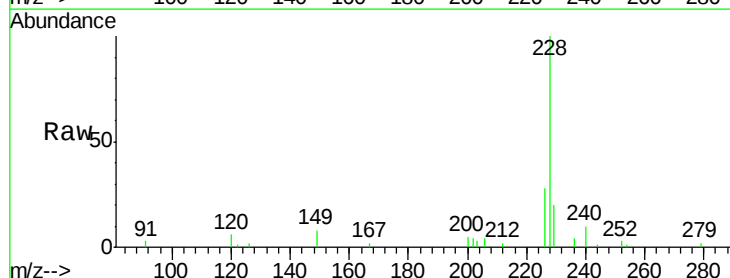
Tgt Ion:228 Resp: 14391

Ion Ratio Lower Upper

228 100

226 27.8 21.7 32.5

229 20.0 15.6 23.4

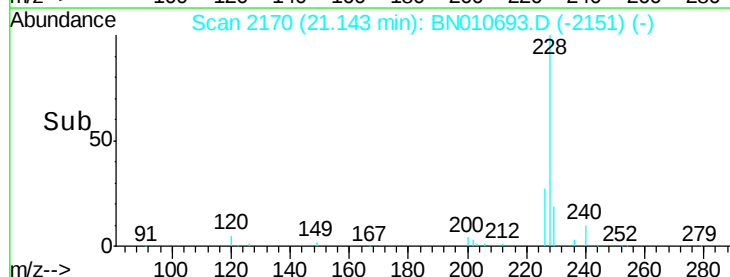


Abundance Ion 228.00 (227.70 to 228.70): E

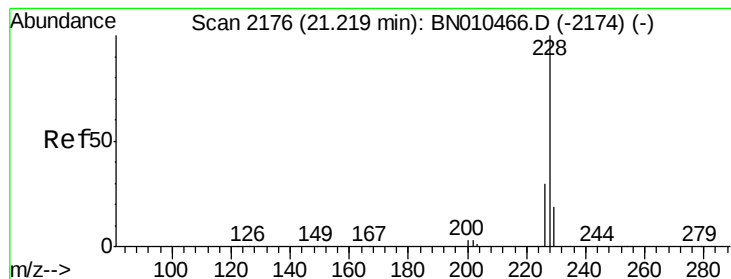
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



Time-->



#31

Chrysene

Concen: 0.39 ng

RT: 21.20 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

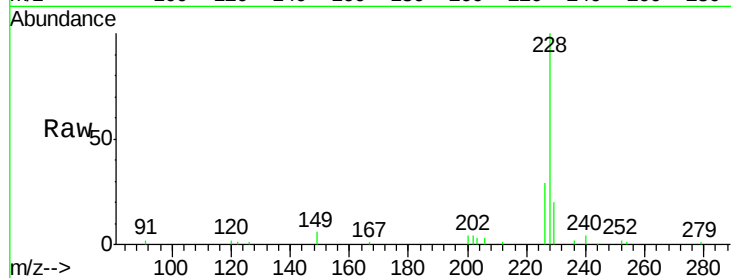
Tgt Ion:228 Resp: 16664

Ion Ratio Lower Upper

228 100

226 29.1 24.0 36.0

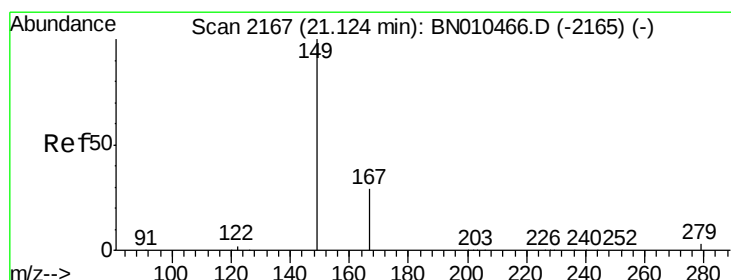
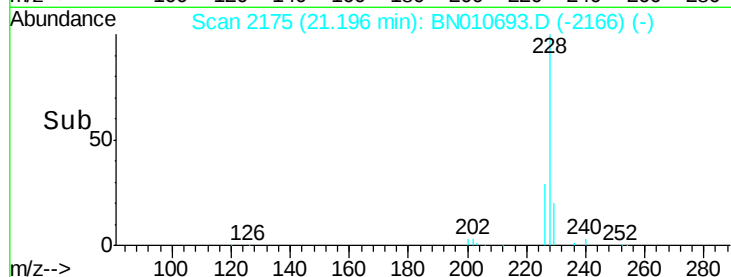
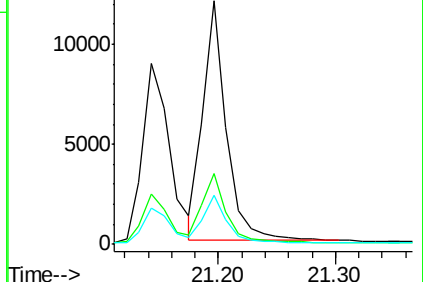
229 20.2 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.30 ng

RT: 21.10 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

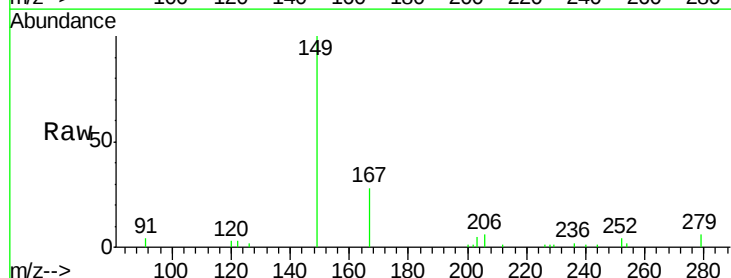
Tgt Ion:149 Resp: 6638

Ion Ratio Lower Upper

149 100

167 27.4 23.4 35.0

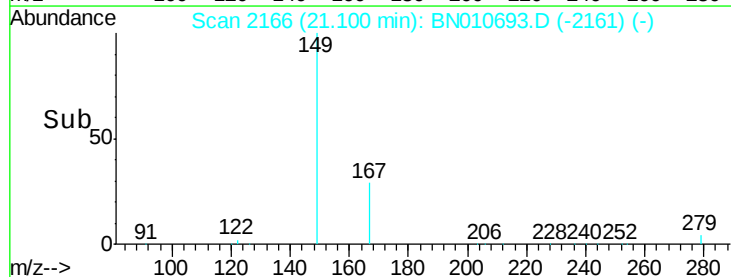
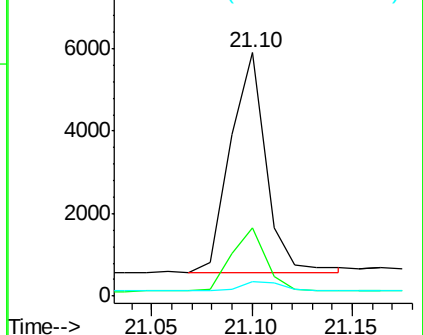
279 5.2 4.0 6.0

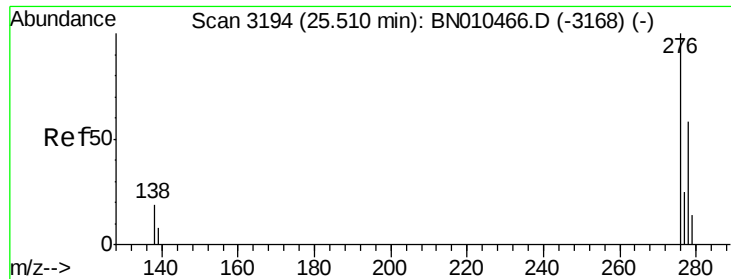


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.34 ng

RT: 25.47 min Scan# 3183

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

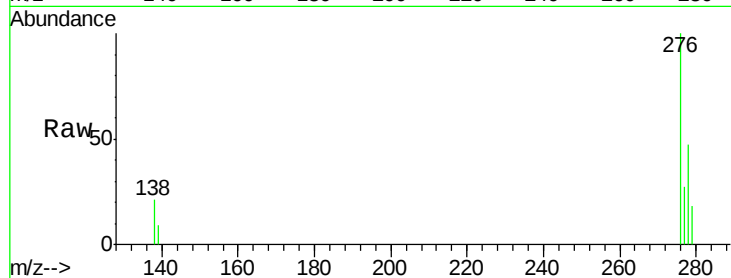
Tgt Ion:276 Resp: 12658

Ion Ratio Lower Upper

276 100

138 18.1 16.4 24.6

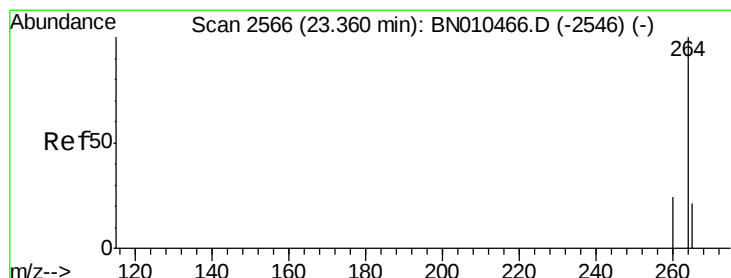
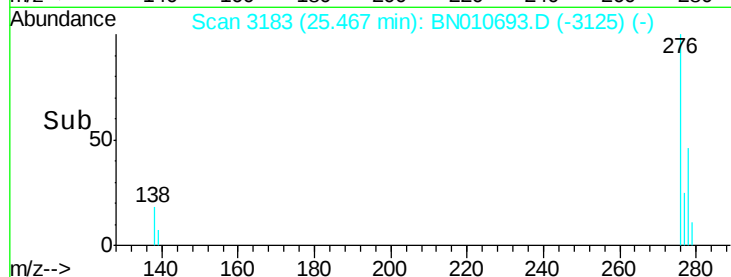
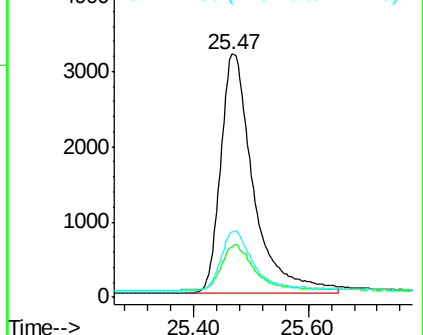
277 24.0 19.8 29.6



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: 0.40 ng

RT: 23.33 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

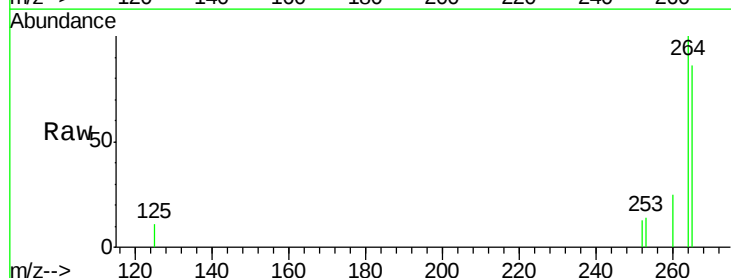
Tgt Ion:264 Resp: 11874

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.8

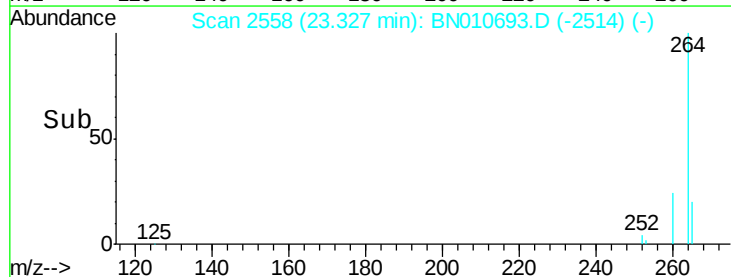
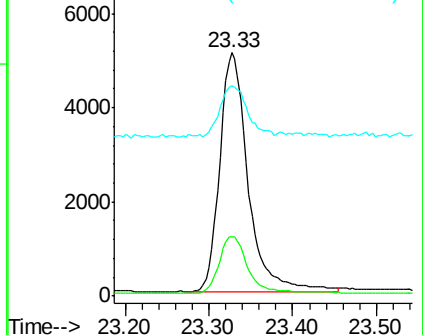
265 86.5 42.3 63.5#

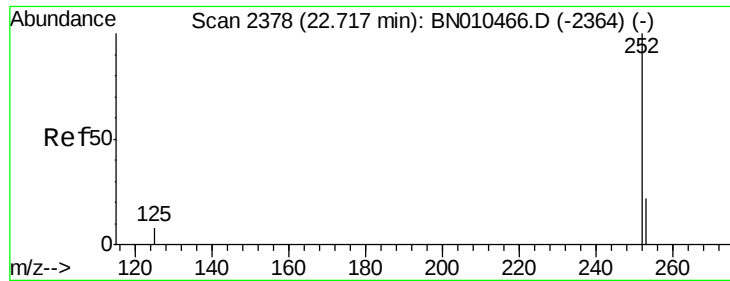


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.39 ng

RT: 22.68 min Scan# 2370

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

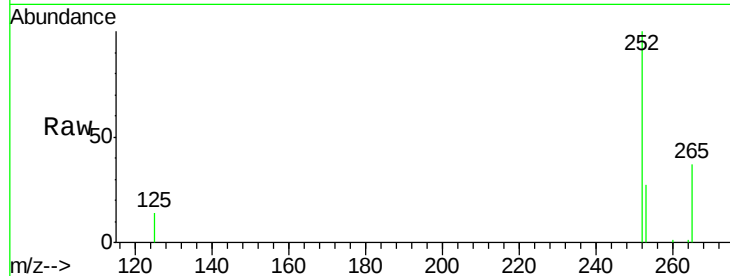
Tgt Ion:252 Resp: 15228

Ion Ratio Lower Upper

252 100

253 27.0 20.2 30.4

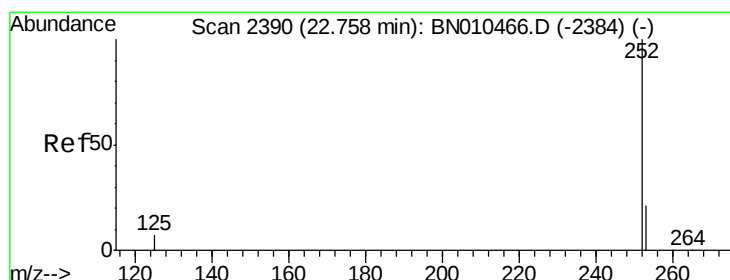
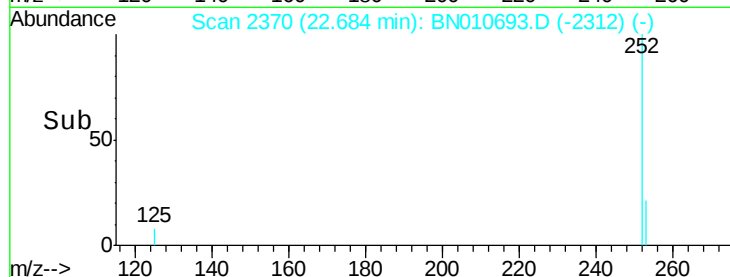
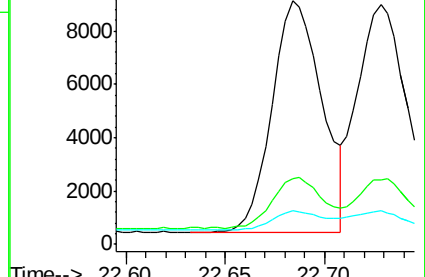
125 13.6 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.41 ng

RT: 22.73 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

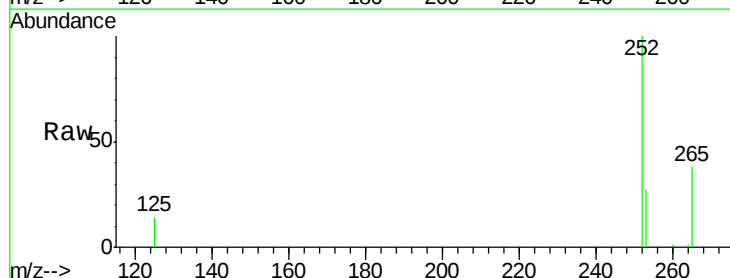
Tgt Ion:252 Resp: 16217

Ion Ratio Lower Upper

252 100

253 27.0 20.1 30.1

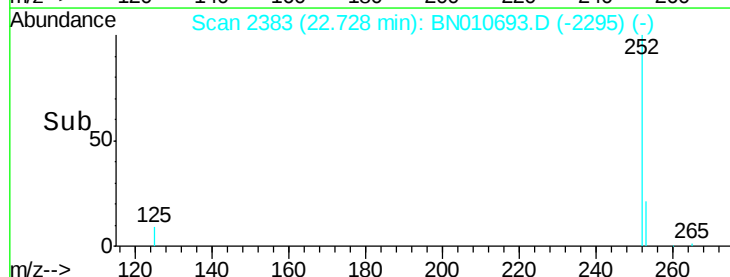
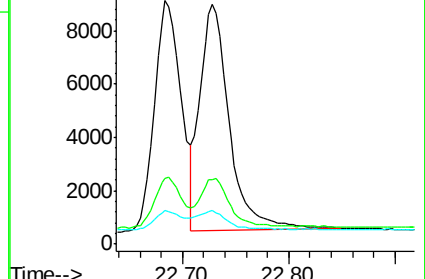
125 13.9 9.6 14.4

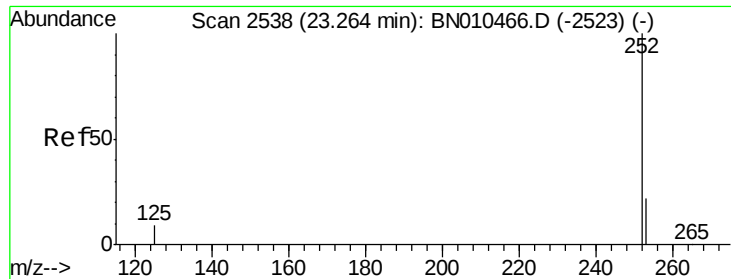


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.37 ng

RT: 23.23 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

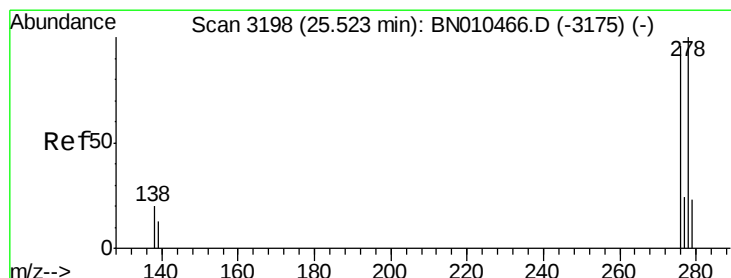
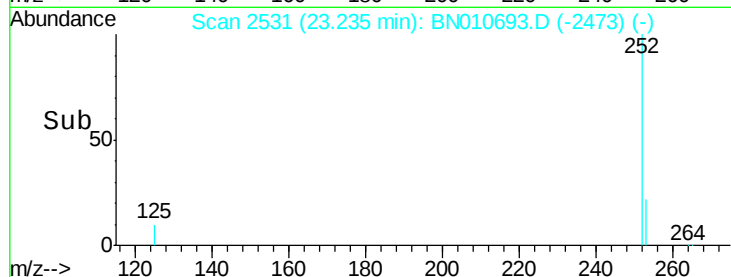
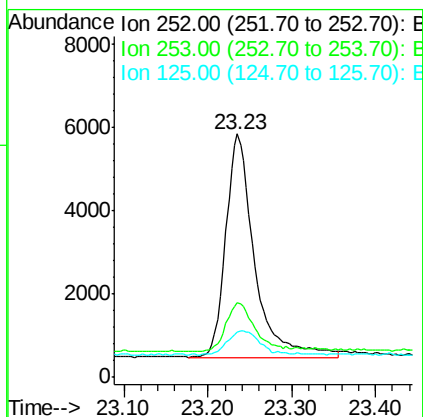
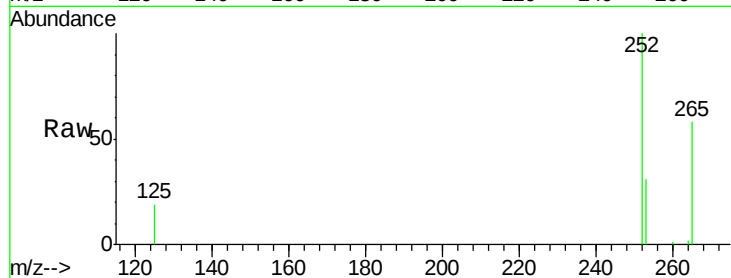
Tgt Ion:252 Resp: 12784

Ion Ratio Lower Upper

252 100

253 30.9 21.8 32.8

125 18.8 11.0 16.6#



#38

Dibenzo(a,h)anthracene

Concen: 0.28 ng

RT: 25.49 min Scan# 3189

Delta R.T. 0.00 min

Lab File: BN010693.D

Acq: 12 May 2020 10:09

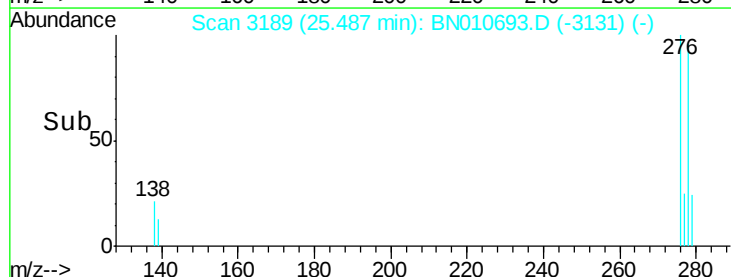
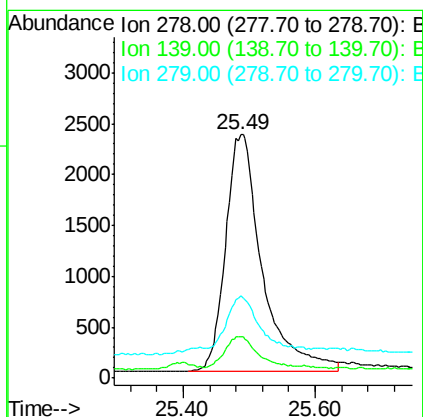
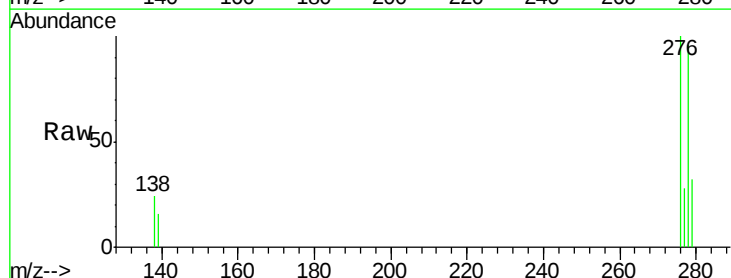
Tgt Ion:278 Resp: 8980

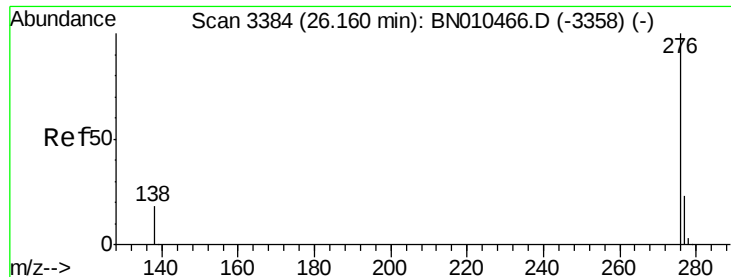
Ion Ratio Lower Upper

278 100

139 16.9 12.3 18.5

279 33.7 21.9 32.9#





#39

Benzo(g,h,i)perylene

Concen: 0.39 ng

RT: 26.11 min Scan# 3371

Delta R.T. 0.00 min

Lab File: BN010693.D

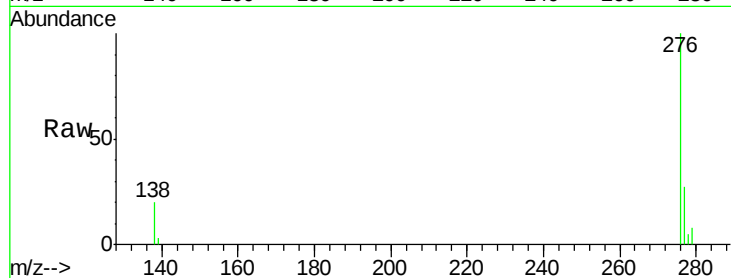
Acq: 12 May 2020 10:09

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4



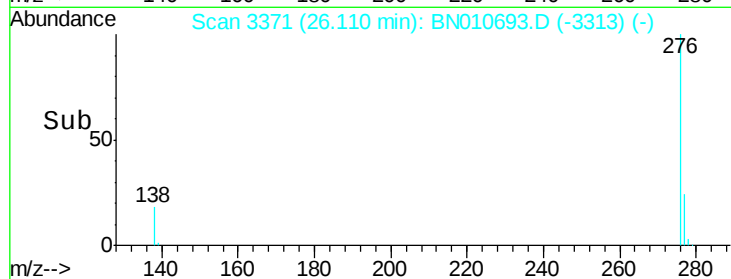
Tgt Ion: 276 Resp: 12407

Ion Ratio Lower Upper

276 100

277 26.6 20.2 30.2

138 20.5 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

