

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
 Data File : BN010884.D
 Acq On : 16 Jun 2020 00:49
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jun 16 01:19:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 11:09:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2810	0.40	ng	0.00
7) Naphthalene-d8	10.29	136	9770	0.40	ng	-0.01
13) Acenaphthene-d10	14.17	164	5273	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	10451	0.40	ng	0.00
27) Chrysene-d12	21.12	240	8915	0.40	ng	-0.01
34) Perylene-d12	23.27	264	9596	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	2559	0.47	ng	0.00
5) Phenol-d6	6.74	99	3011	0.47	ng	0.00
8) Nitrobenzene-d5	8.68	82	2995	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.89	152	6375	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.67	330	697	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.79	172	8779	0.42	ng	0.00
25) Fluoranthene-d10	18.96	212	11276	0.39	ng	0.00
29) Terphenyl-d14	19.57	244	8773	0.42	ng	0.00

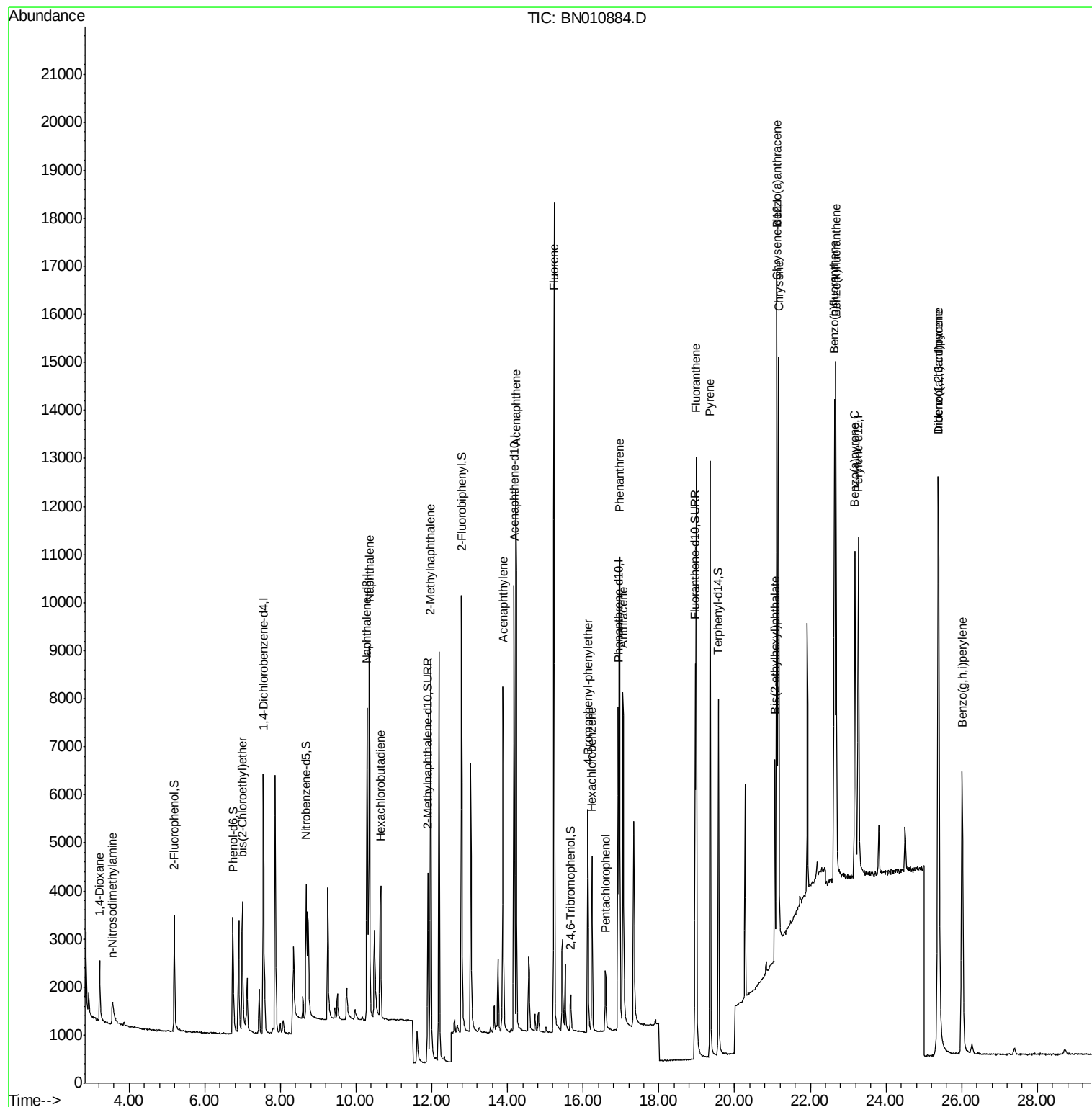
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.22	88	1165	0.423	ng	98
3) n-Nitrosodimethylamine	3.55	42	540	0.337	ng	# 1
6) bis(2-Chloroethyl)ether	6.99	93	2734	0.439	ng	95
9) Naphthalene	10.34	128	10431	0.425	ng	99
10) Hexachlorobutadiene	10.65	225	2418	0.398	ng	# 97
12) 2-Methylnaphthalene	11.97	142	6894	0.420	ng	99
16) Acenaphthylene	13.88	152	8874	0.411	ng	99
17) Acenaphthene	14.22	154	6073	0.412	ng	99
18) Fluorene	15.23	166	7757	0.408	ng	99
20) 4-Bromophenyl-phenylether	16.12	248	2506	0.399	ng	94
21) Hexachlorobenzene	16.23	284	2735	0.418	ng	98
22) Pentachlorophenol	16.59	266	864	0.393	ng	96
23) Phenanthrene	16.96	178	11643	0.408	ng	99
24) Anthracene	17.05	178	9620	0.404	ng	99
26) Fluoranthene	18.99	202	12572	0.388	ng	99
28) Pyrene	19.35	202	12519	0.424	ng	100
30) Benzo(a)anthracene	21.11	228	10578	0.404	ng	100
31) Chrysene	21.16	228	12874	0.422	ng	97
32) Bis(2-ethylhexyl)phthalate	21.07	149	4015	0.460	ng	96
33) Indeno(1,2,3-cd)pyrene	25.38	276	15558	0.456	ng	# 94
35) Benzo(b)fluoranthene	22.64	252	12546	0.384	ng	98
36) Benzo(k)fluoranthene	22.68	252	13662	0.393	ng	98
37) Benzo(a)pyrene	23.18	252	11462	0.410	ng	97
38) Dibenzo(a,h)anthracene	25.39	278	12644	0.396	ng	97
39) Benzo(g,h,i)perylene	26.01	276	12970	0.389	ng	98

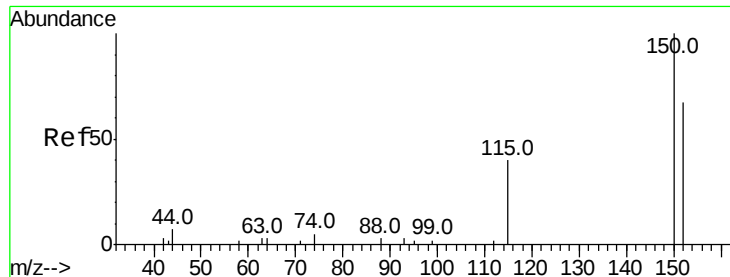
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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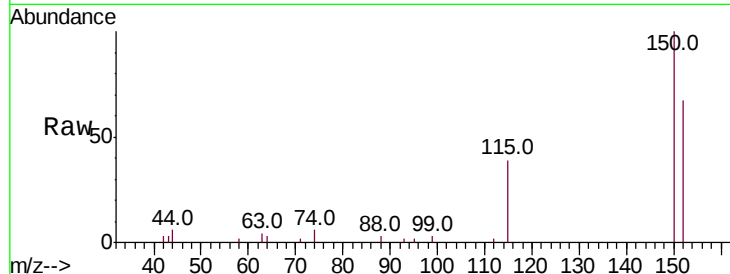


#1

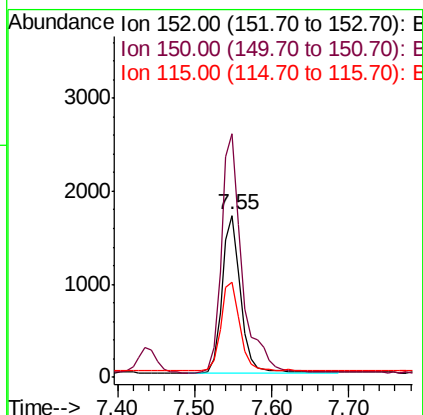
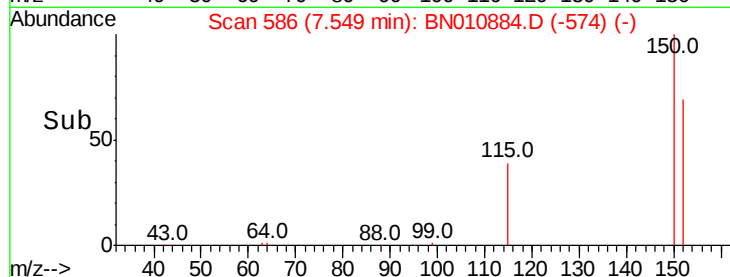
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. 0.00 min
Lab File: BN010884.D
Acq: 16 Jun 2020 00:49

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 2810
Ion Ratio Lower Upper
152 100
150 150.3 123.8 185.6
115 58.8 49.2 73.8



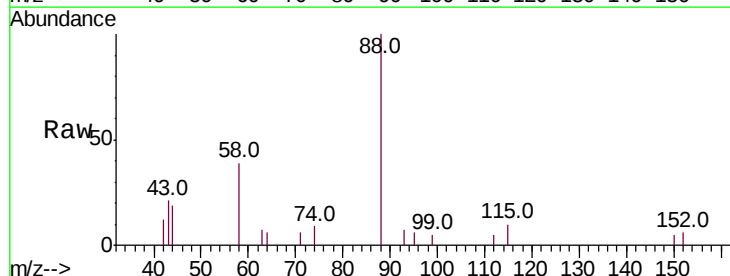
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



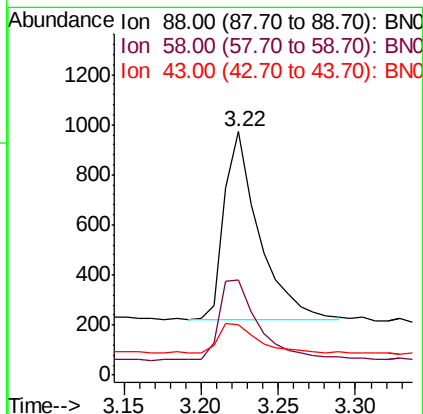
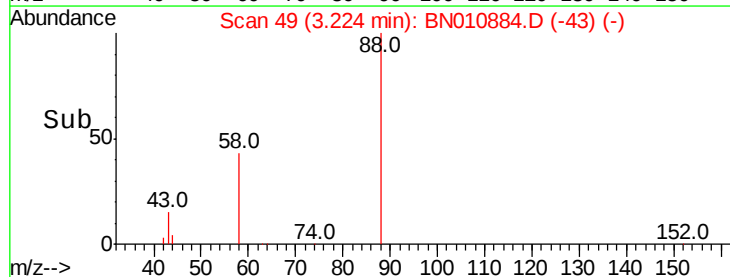
#2

1,4-Dioxane
Concen: 0.423 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN010884.D
Acq: 16 Jun 2020 00:49

Tgt Ion: 88 Resp: 1165
Ion Ratio Lower Upper
88 100
58 48.2 38.2 57.4
43 17.2 15.1 22.7



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.337 ng

RT: 3.55 min Scan# 90

Delta R.T. 0.01 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

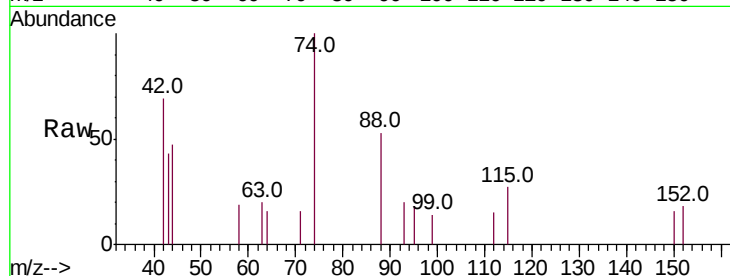
Tot Ion: 42 Resp: 540

Ion Ratio Lower Upper

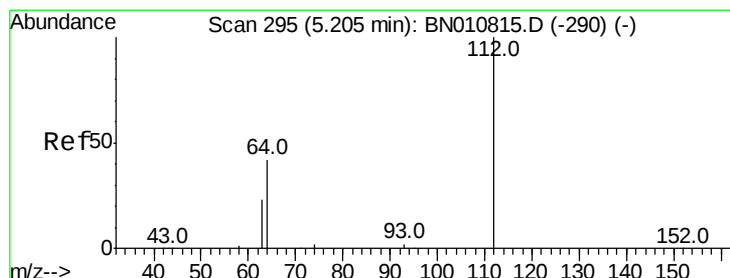
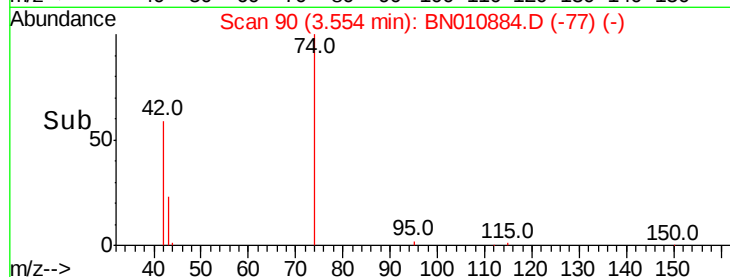
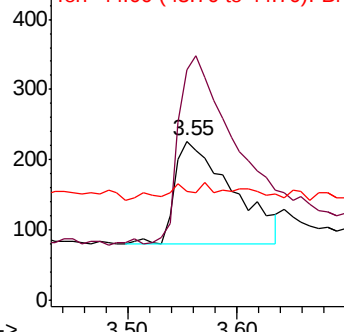
42 100

74 0.0 140.7 211.1#

44 3.1 1.4 2.2#



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: 0.472 ng

RT: 5.20 min Scan# 294

Delta R.T. 0.00 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

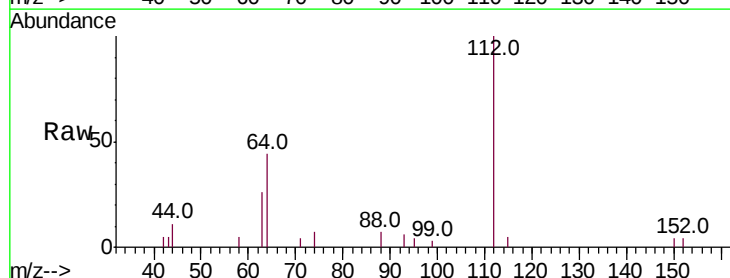
Tgt Ion: 112 Resp: 2559

Ion Ratio Lower Upper

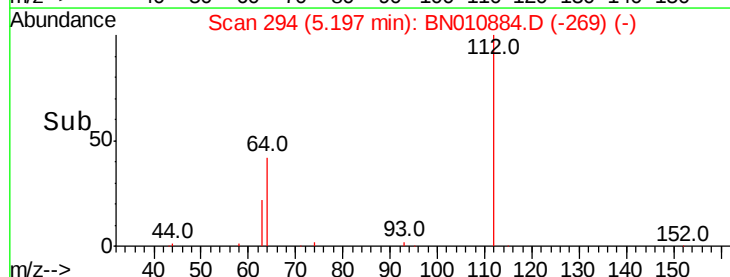
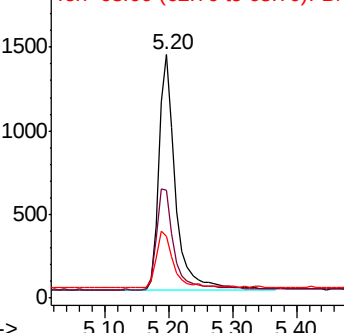
112 100

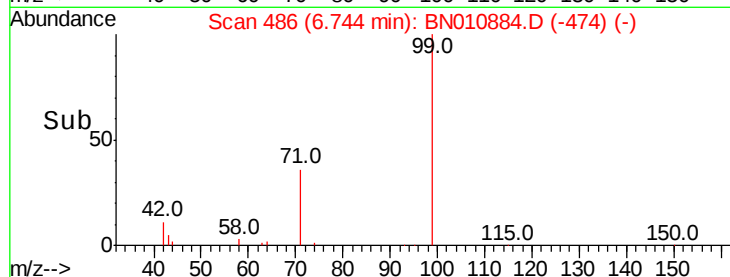
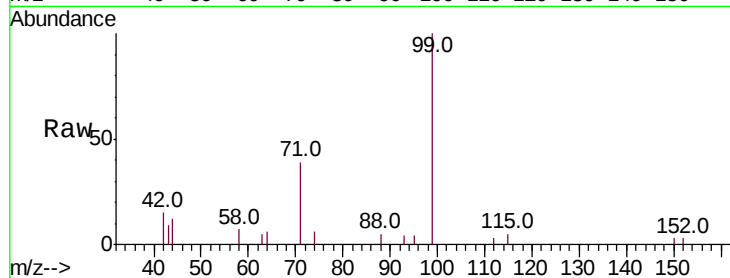
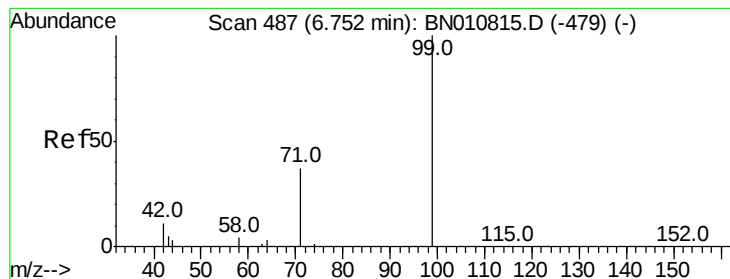
64 46.4 37.4 56.0

63 25.4 22.2 33.4



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: 0.471 ng

RT: 6.74 min Scan# 486

Delta R.T. 0.00 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

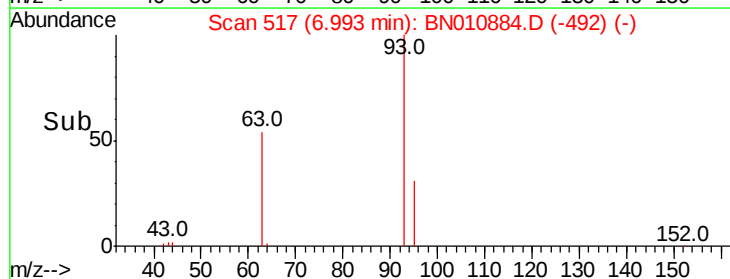
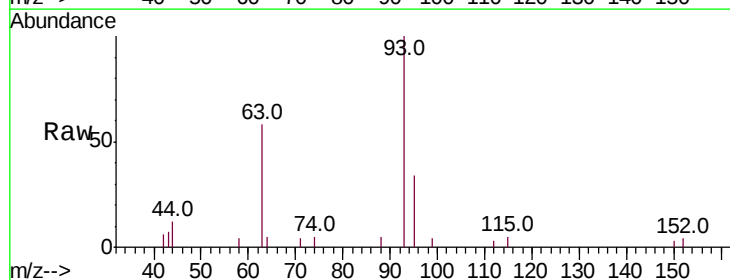
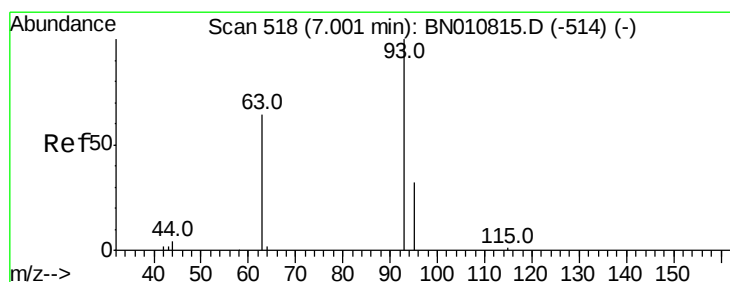
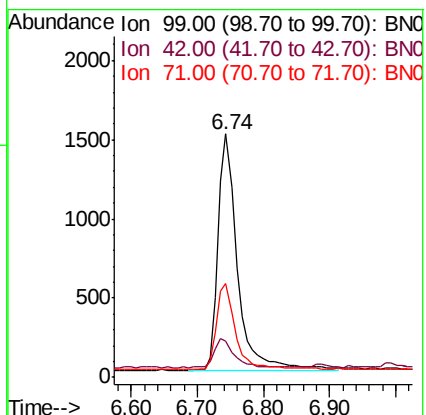
Tot Ion: 99 Resp: 3011

Ion Ratio Lower Upper

99 100

42 13.5 11.1 16.7

71 36.8 31.4 47.2



#6

bis(2-Chloroethyl)ether

Concen: 0.439 ng

RT: 6.99 min Scan# 517

Delta R.T. 0.00 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

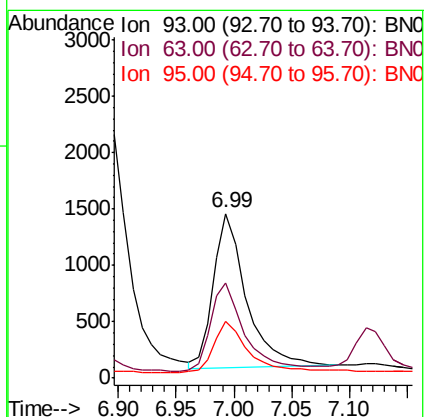
Tgt Ion: 93 Resp: 2734

Ion Ratio Lower Upper

93 100

63 58.8 49.4 74.2

95 36.7 26.7 40.1





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.29 min Scan# 837

Delta R.T. -0.01 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 9770

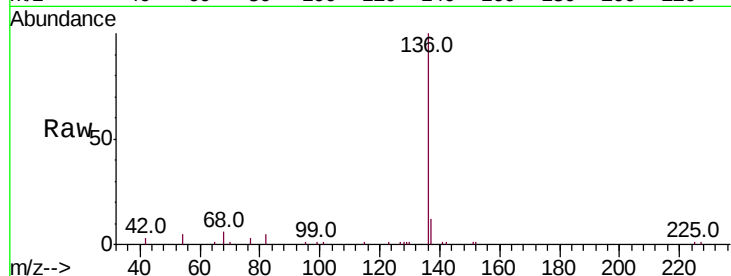
Ion Ratio Lower Upper

136 100

137 12.0 9.7 14.5

54 5.4 4.9 7.3

68 6.1 4.7 7.1

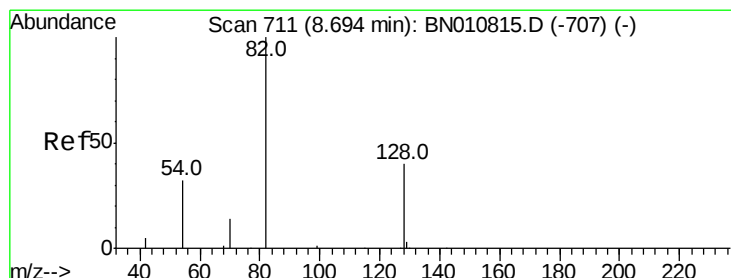
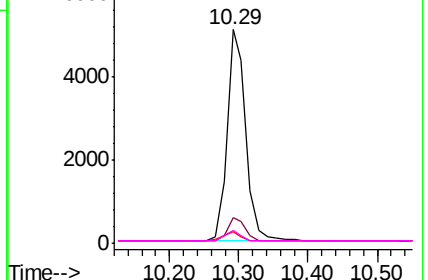
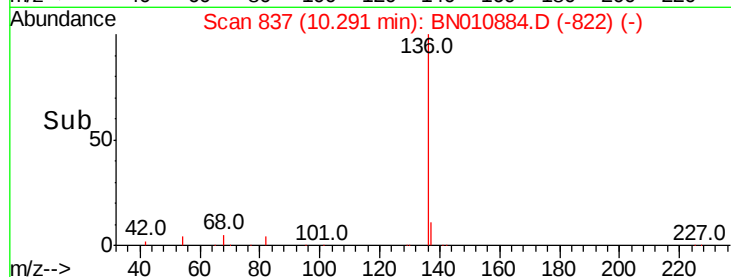


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.414 ng

RT: 8.68 min Scan# 710

Delta R.T. 0.00 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

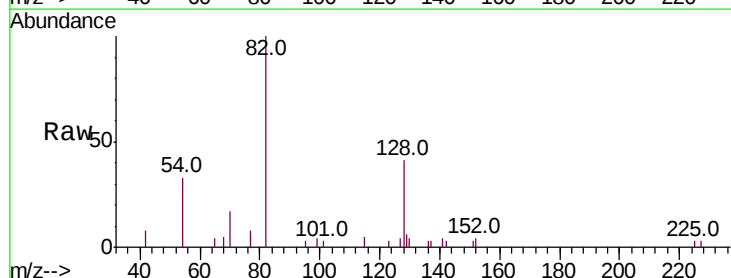
Tgt Ion: 82 Resp: 2995

Ion Ratio Lower Upper

82 100

128 40.9 35.4 53.0

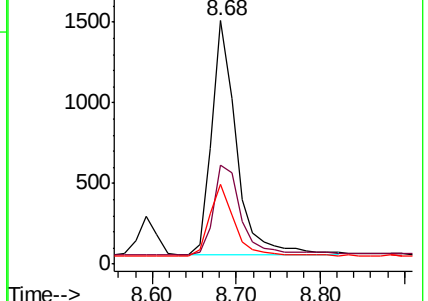
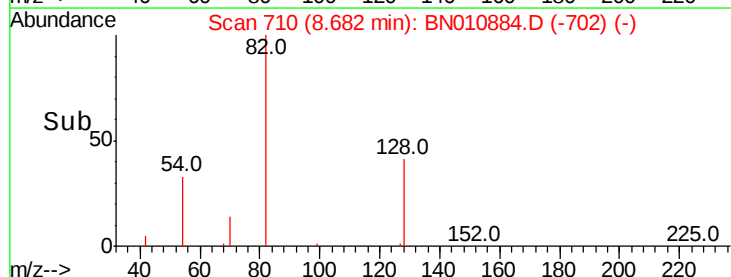
54 32.6 28.2 42.4



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: 0.425 ng

RT: 10.34 min Scan# 841

Delta R.T. 0.00 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

Instrument :

BNA_N

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SSTDCCC0.4

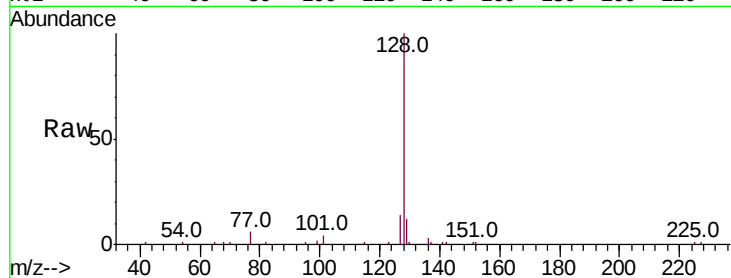
Tot Ion:128 Resp: 10431

Ion Ratio Lower Upper

128 100

129 12.0 9.6 14.4

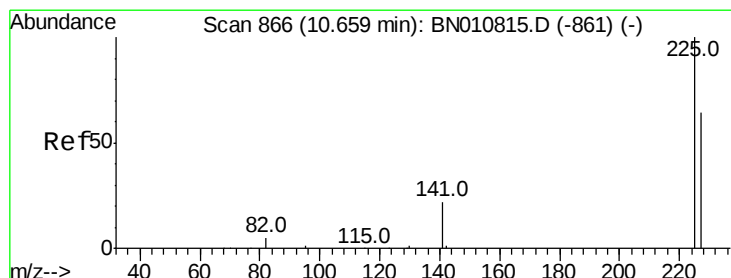
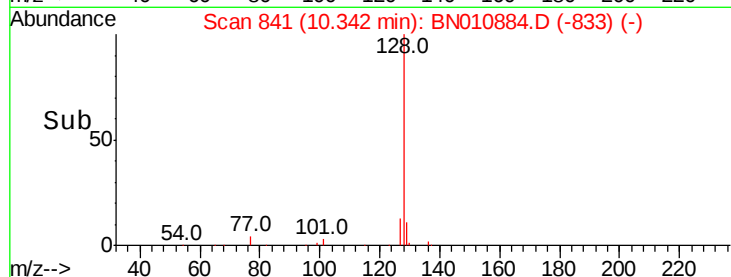
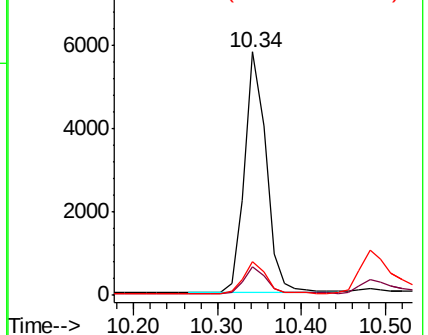
127 13.8 11.4 17.2



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: 0.398 ng

RT: 10.65 min Scan# 865

Delta R.T. 0.00 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

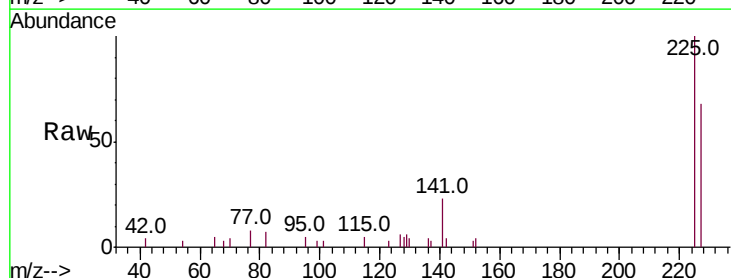
Tgt Ion:225 Resp: 2418

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

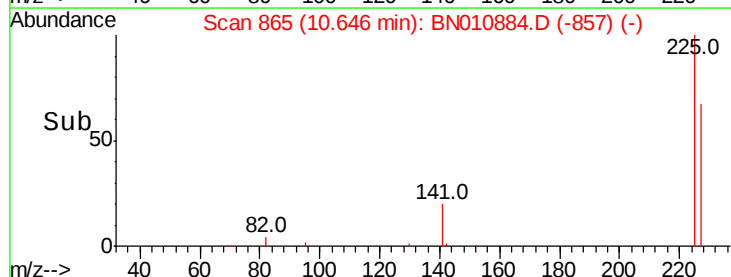
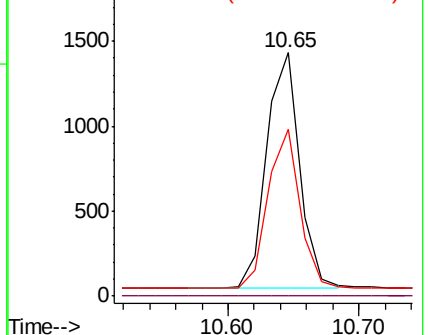
227 65.3 50.5 75.7

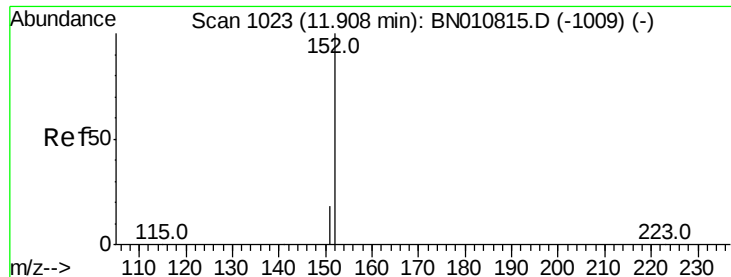


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

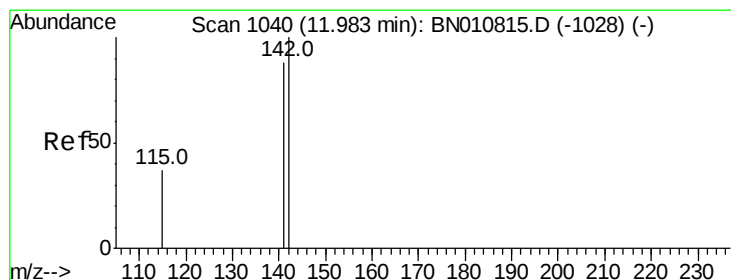
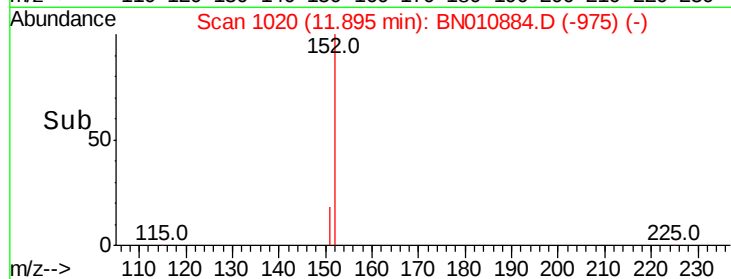
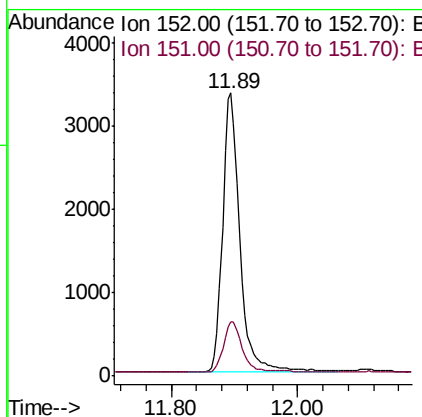
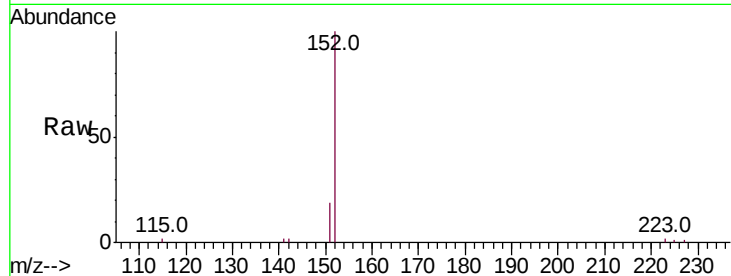




#11
 2-Methylnaphthalene-d10
 Concen: 0.421 ng
 RT: 11.89 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BN010884.D
 Acq: 16 Jun 2020 00:49

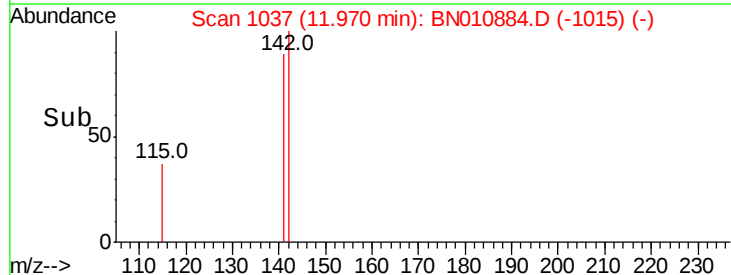
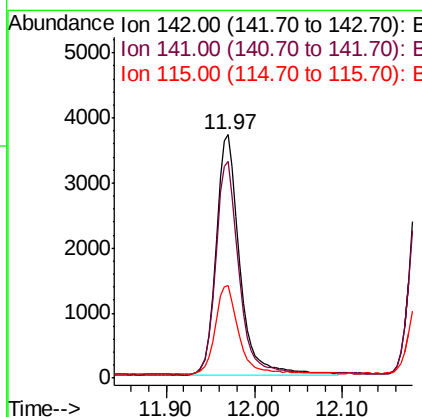
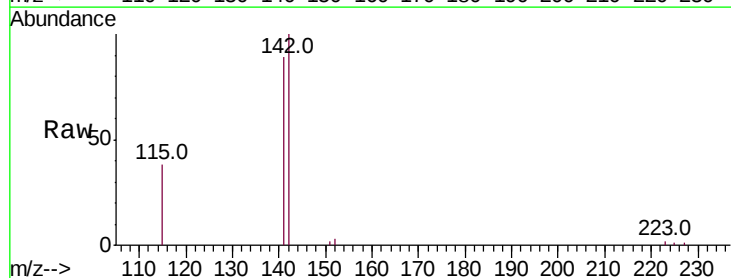
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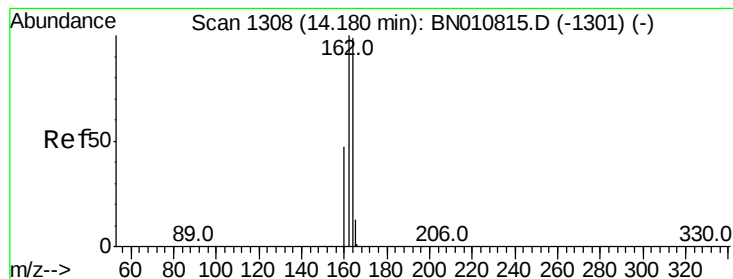
Tot Ion:152 Resp: 6375
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.3 22.9



#12
 2-Methylnaphthalene
 Concen: 0.420 ng
 RT: 11.97 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BN010884.D
 Acq: 16 Jun 2020 00:49

Tgt Ion:142 Resp: 6894
 Ion Ratio Lower Upper
 142 100
 141 89.1 70.8 106.2
 115 37.9 31.5 47.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.17 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

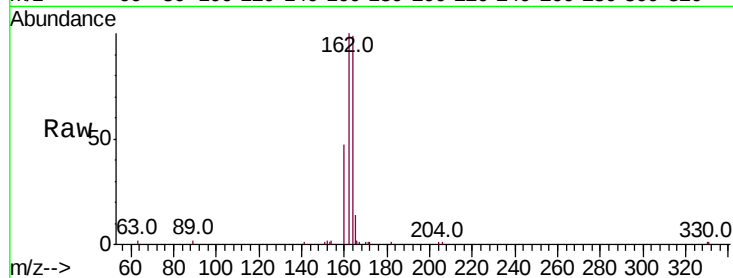
Tot Ion:164 Resp: 5273

Ion Ratio Lower Upper

164 100

162 101.5 81.0 121.6

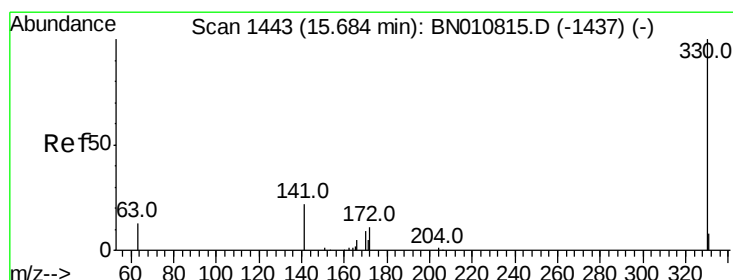
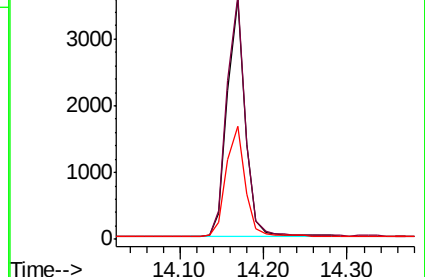
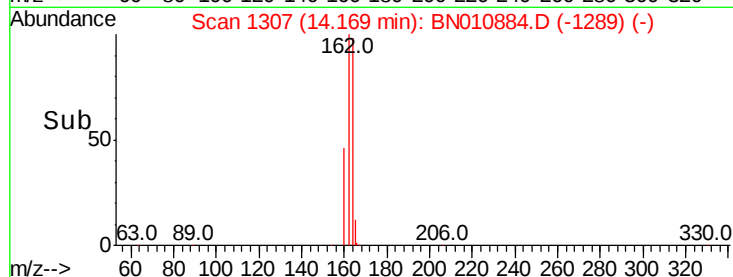
160 47.3 38.9 58.3



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: 0.370 ng

RT: 15.67 min Scan# 1442

Delta R.T. 0.00 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

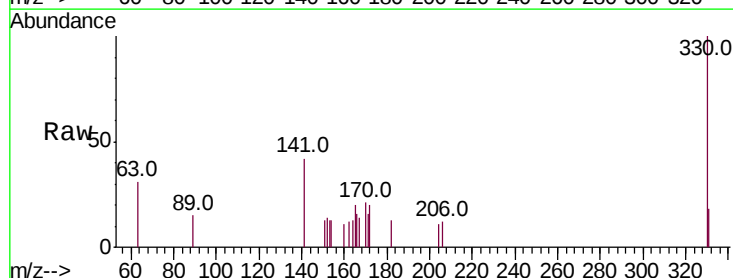
Tgt Ion:330 Resp: 697

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

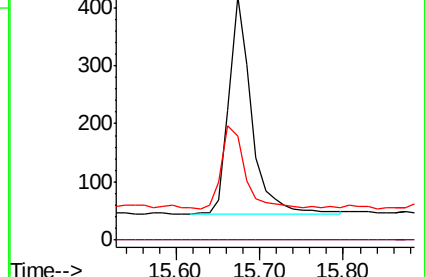
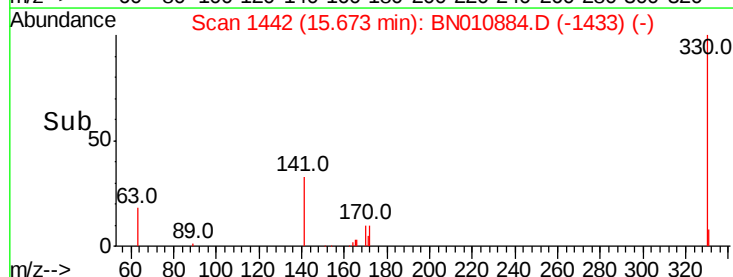
141 39.2 33.2 49.8



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

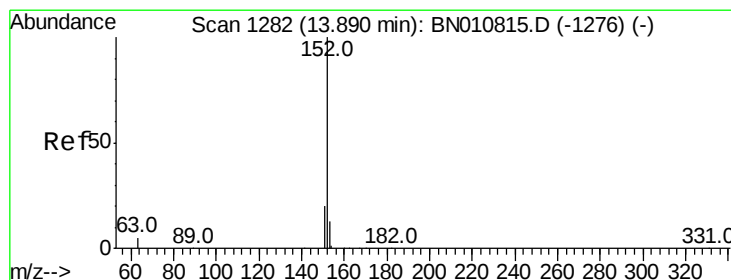
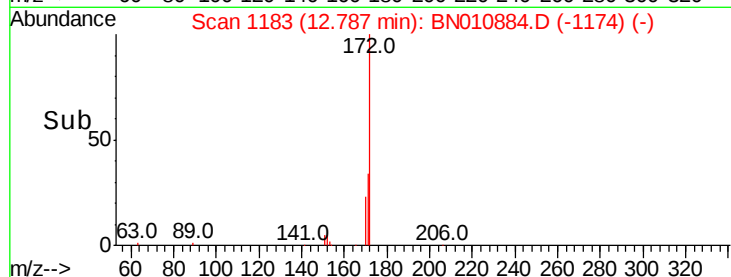
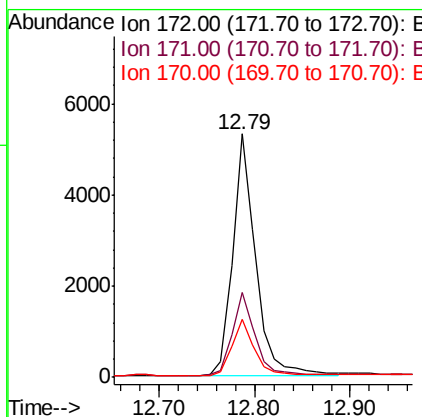
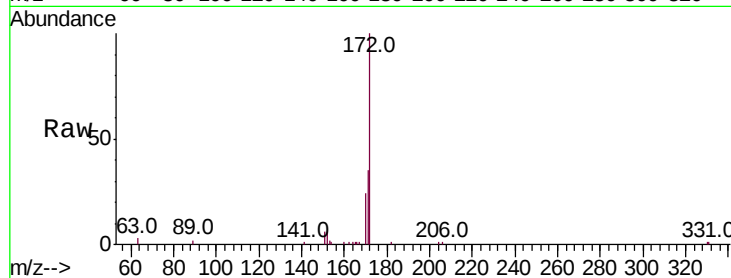




#15
2-Fluorobiphenyl
Concen: 0.422 ng
RT: 12.79 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BN010884.D
Acq: 16 Jun 2020 00:49

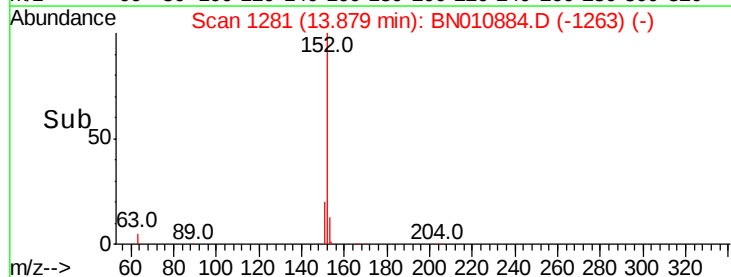
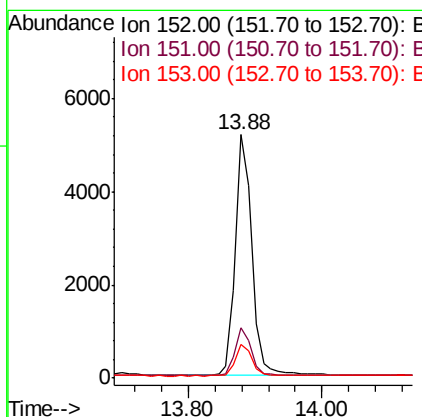
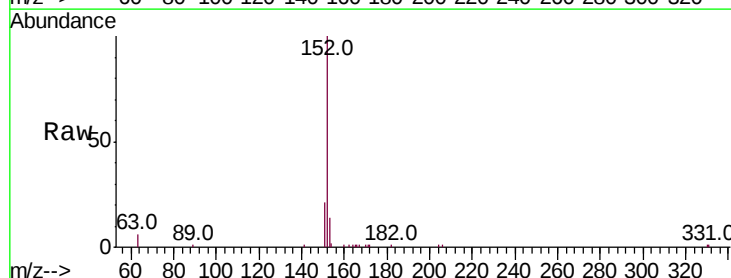
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

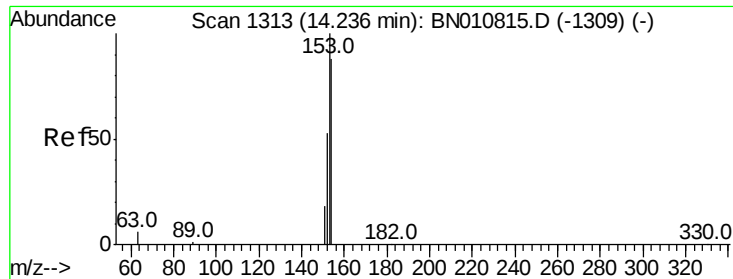
Tot Ion:172 Resp: 8779
Ion Ratio Lower Upper
172 100
171 35.0 28.5 42.7
170 23.8 19.7 29.5



#16
Acenaphthylene
Concen: 0.411 ng
RT: 13.88 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BN010884.D
Acq: 16 Jun 2020 00:49

Tgt Ion:152 Resp: 8874
Ion Ratio Lower Upper
152 100
151 19.3 15.6 23.4
153 12.9 10.6 16.0





#17

Acenaphthene

Concen: 0.412 ng

RT: 14.22 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

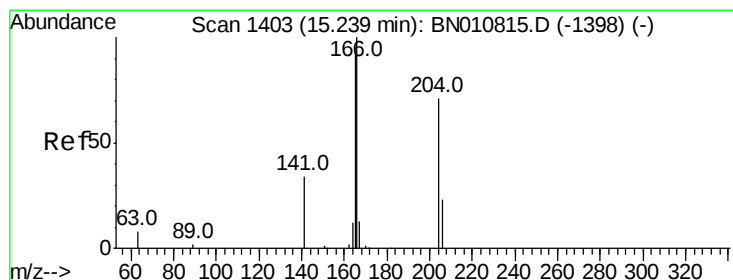
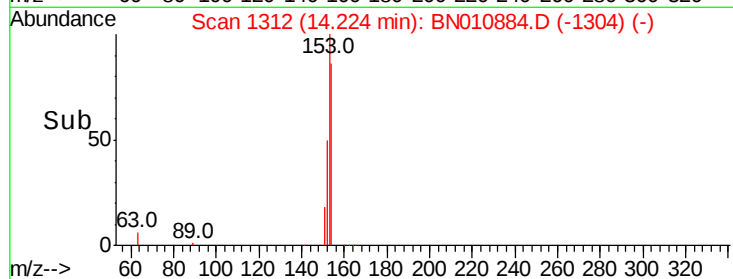
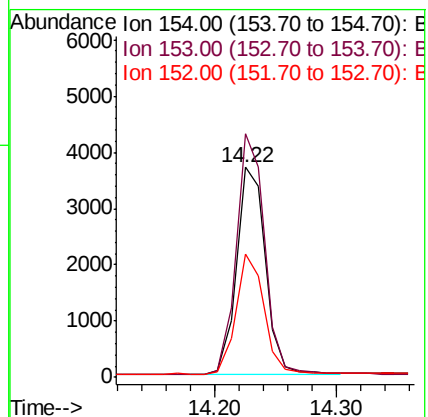
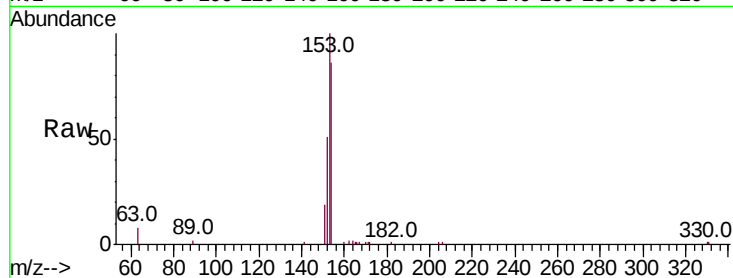
Tot Ion:154 Resp: 6073

Ion Ratio Lower Upper

154 100

153 114.9 91.8 137.6

152 57.2 47.6 71.4



#18

Fluorene

Concen: 0.408 ng

RT: 15.23 min Scan# 1402

Delta R.T. 0.00 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

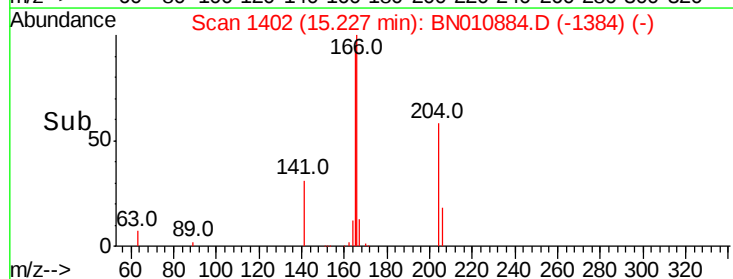
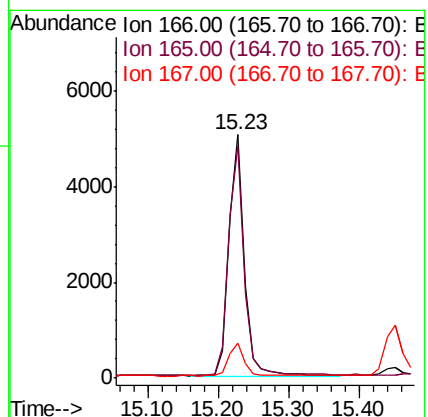
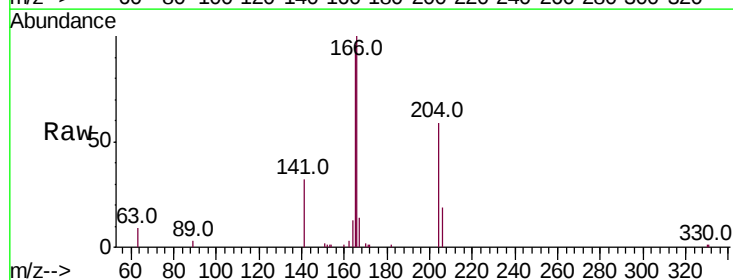
Tgt Ion:166 Resp: 7757

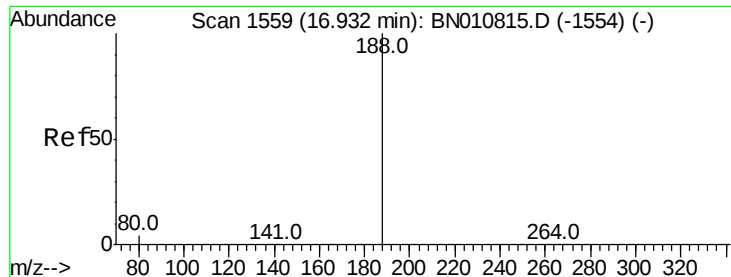
Ion Ratio Lower Upper

166 100

165 97.7 77.2 115.8

167 13.7 10.7 16.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.92 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

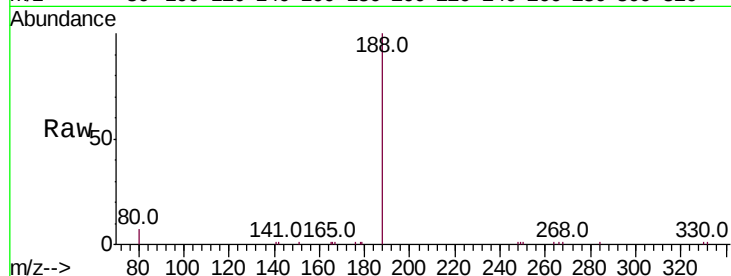
Tot Ion:188 Resp: 10451

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

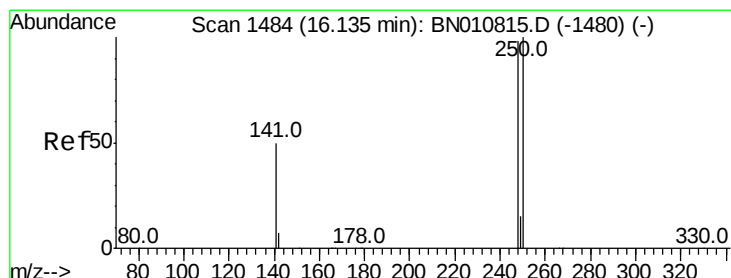
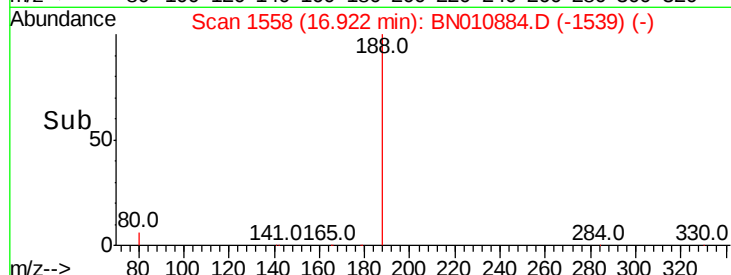
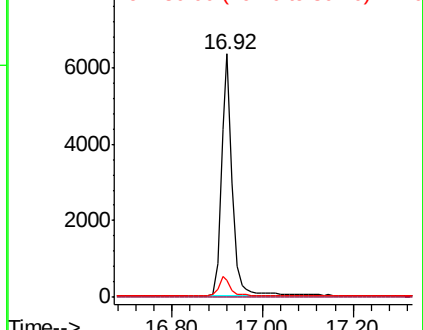
80 6.9 4.5 6.7#



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: 0.399 ng

RT: 16.12 min Scan# 1483

Delta R.T. 0.00 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

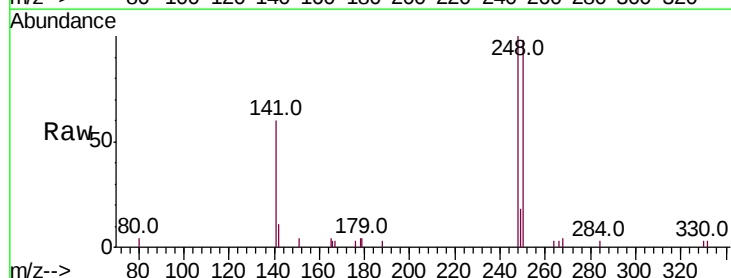
Tgt Ion:248 Resp: 2506

Ion Ratio Lower Upper

248 100

250 98.3 81.8 122.8

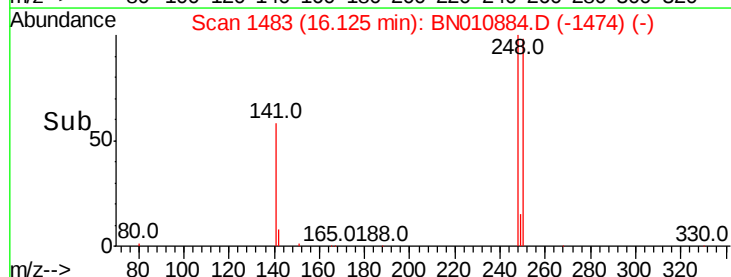
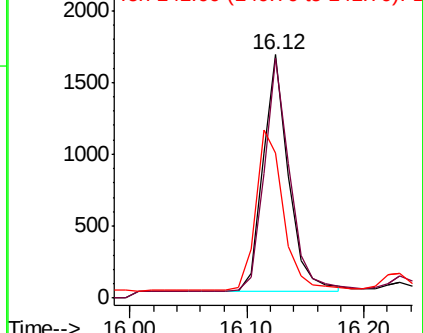
141 59.5 42.6 64.0

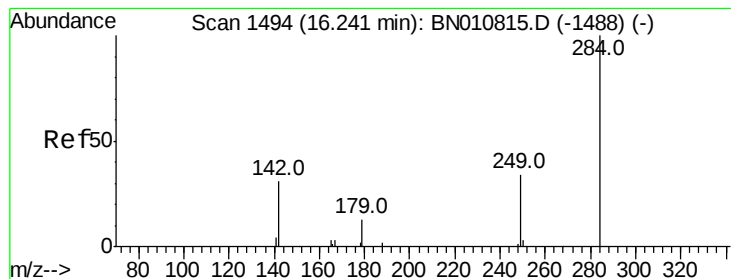


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.418 ng

RT: 16.23 min Scan# 1493

Delta R.T. 0.00 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

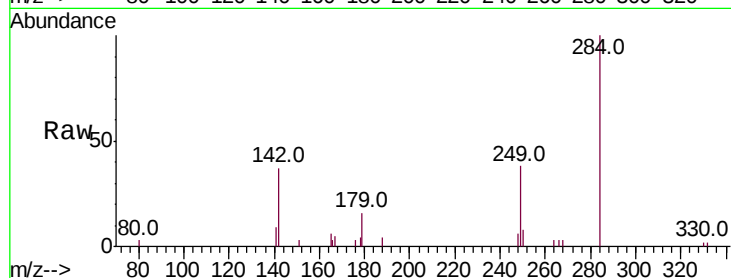
Tot Ion:284 Resp: 2735

Ion Ratio Lower Upper

284 100

142 37.2 31.0 46.4

249 34.4 27.1 40.7

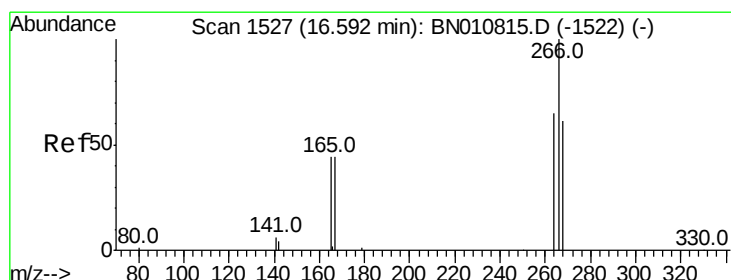
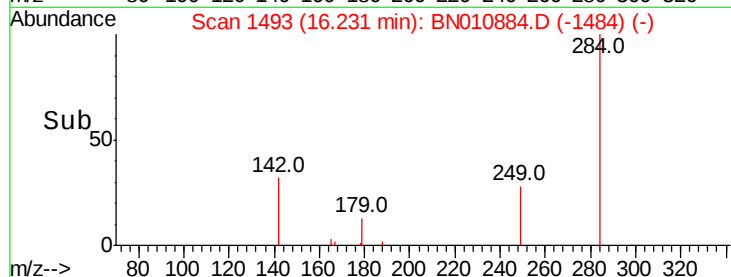
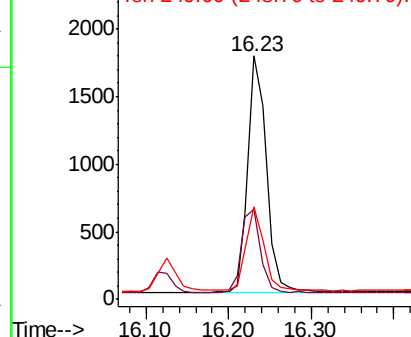


Abundance

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: 0.393 ng

RT: 16.59 min Scan# 1527

Delta R.T. 0.01 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

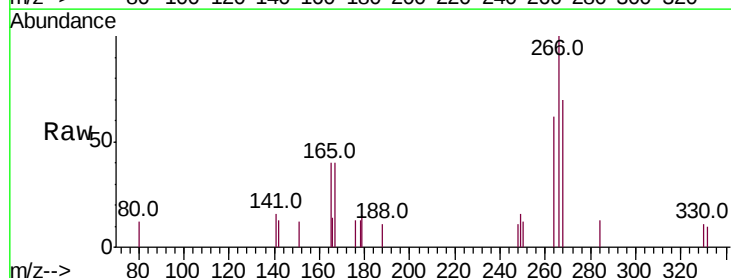
Tgt Ion:266 Resp: 864

Ion Ratio Lower Upper

266 100

264 61.6 54.8 82.2

268 70.3 55.9 83.9

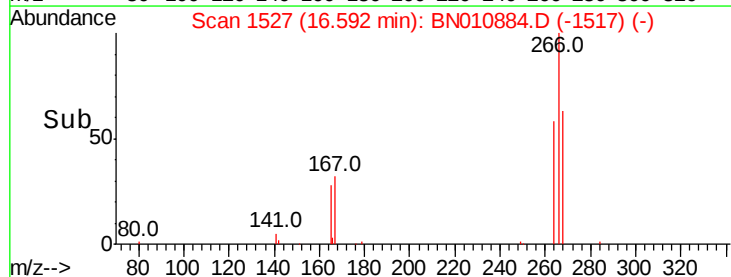
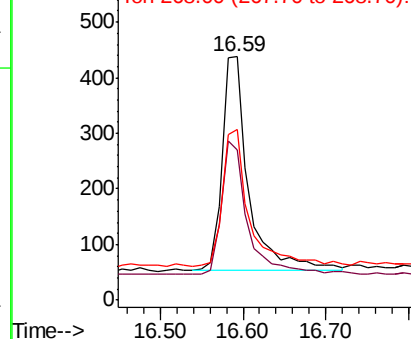


Abundance

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: 0.408 ng

RT: 16.96 min Scan# 1562

Delta R.T. 0.00 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

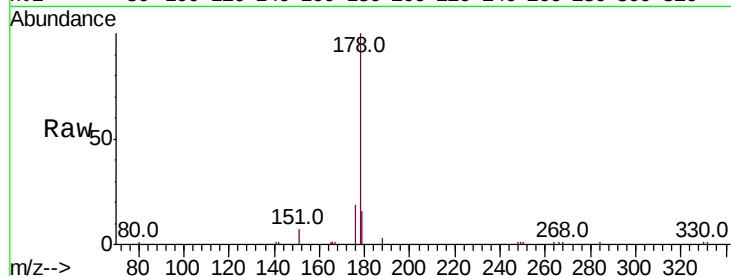
Tot Ion:178 Resp: 11643

Ion Ratio Lower Upper

178 100

176 18.7 15.3 22.9

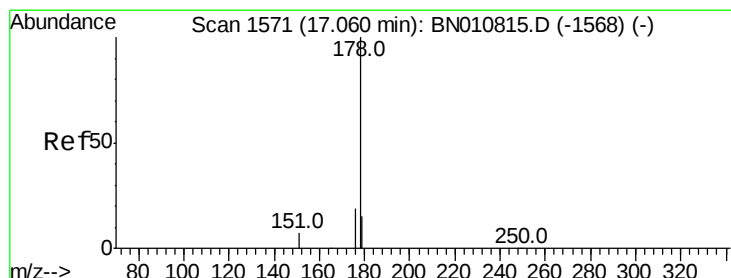
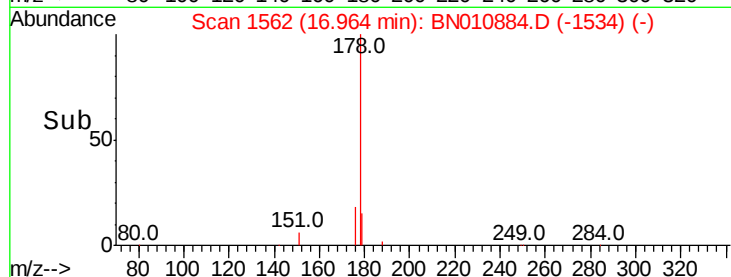
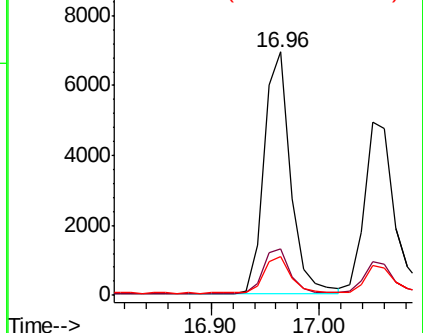
179 15.7 12.6 19.0



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: 0.404 ng

RT: 17.05 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

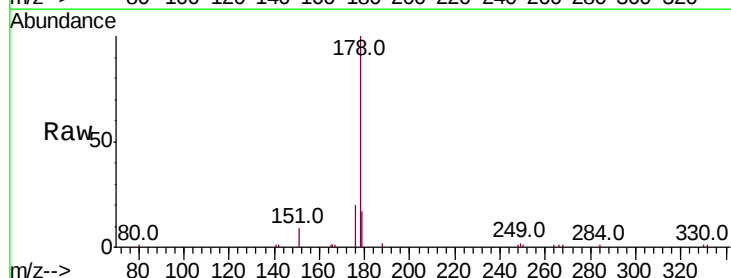
Tgt Ion:178 Resp: 9620

Ion Ratio Lower Upper

178 100

176 17.9 14.6 22.0

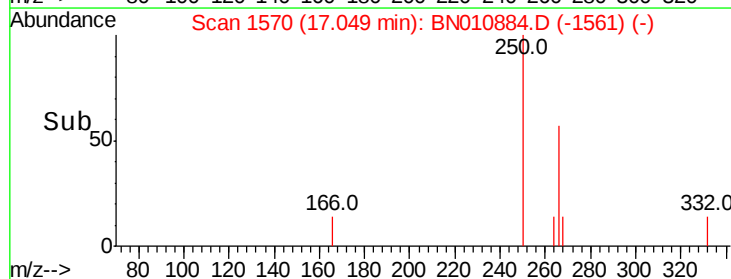
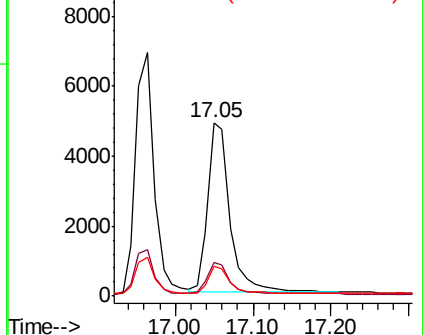
179 14.9 12.3 18.5

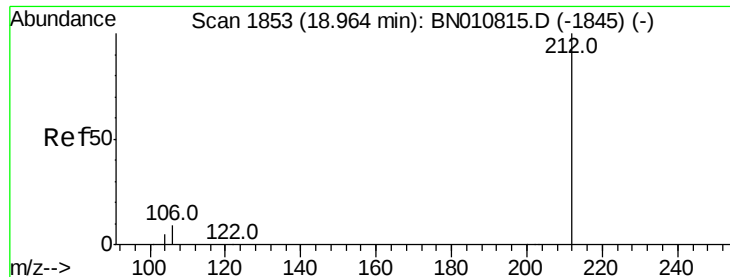


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.391 ng

RT: 18.96 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

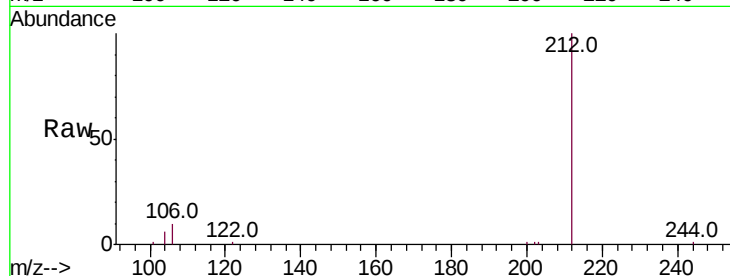
Tot Ion:212 Resp: 11276

Ion Ratio Lower Upper

212 100

106 9.8 6.6 10.0

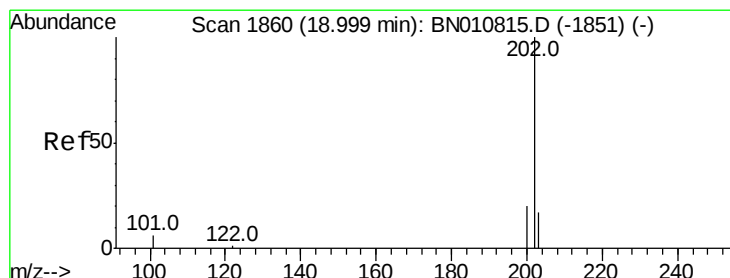
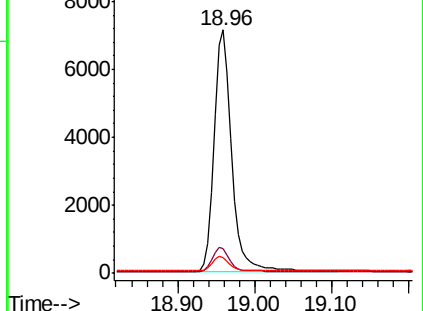
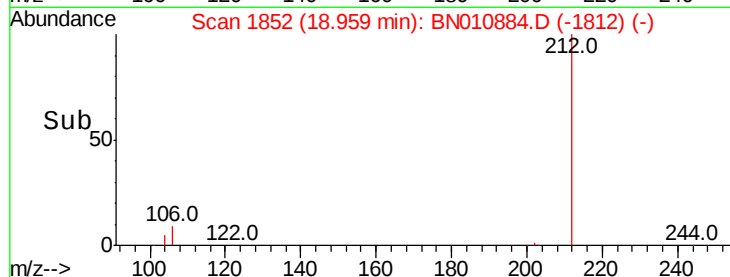
104 5.6 4.0 6.0



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: 0.388 ng

RT: 18.99 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

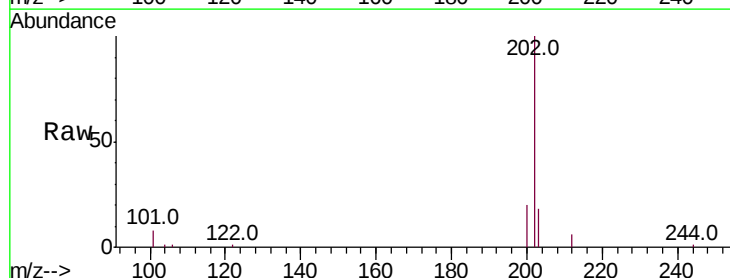
Tgt Ion:202 Resp: 12572

Ion Ratio Lower Upper

202 100

101 8.4 5.8 8.6

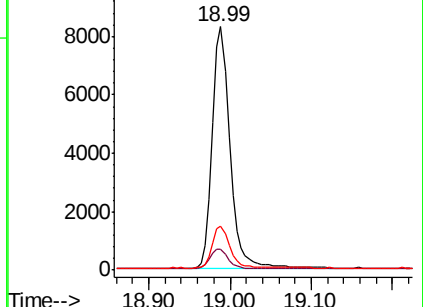
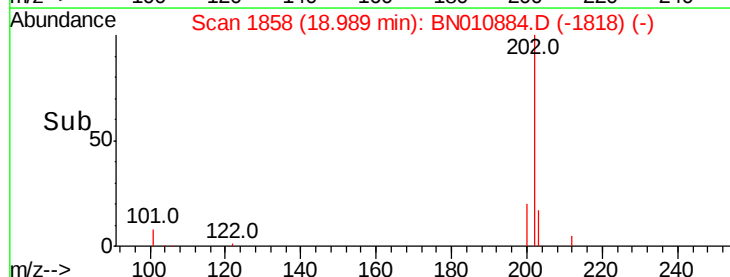
203 17.2 13.7 20.5



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

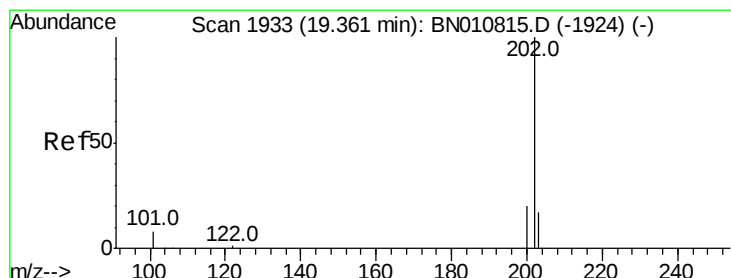
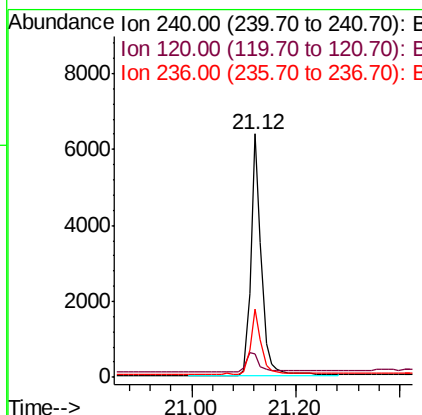
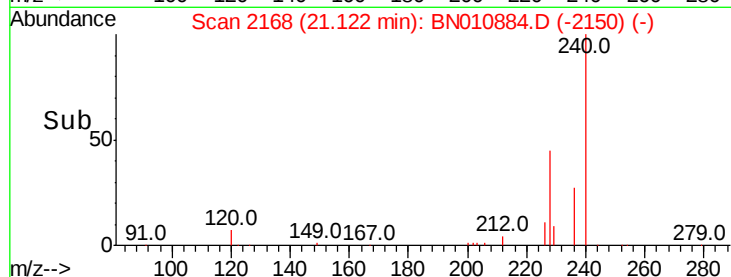
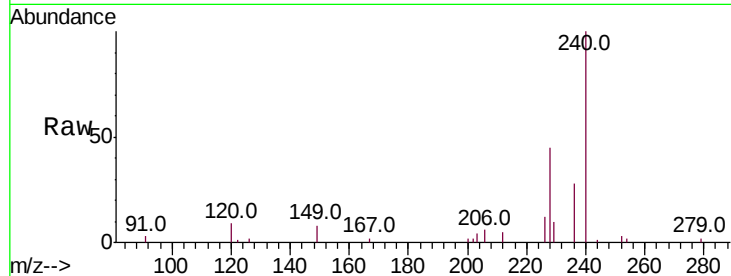




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BN010884.D
Acq: 16 Jun 2020 00:49

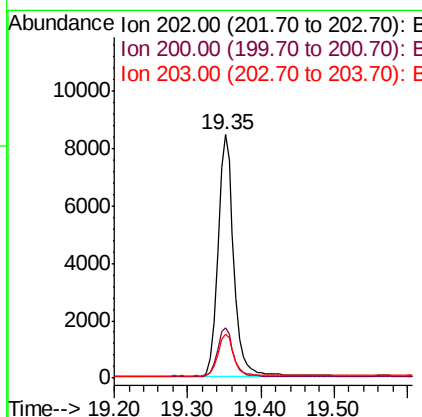
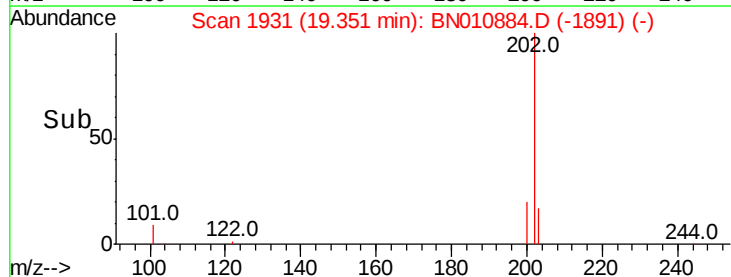
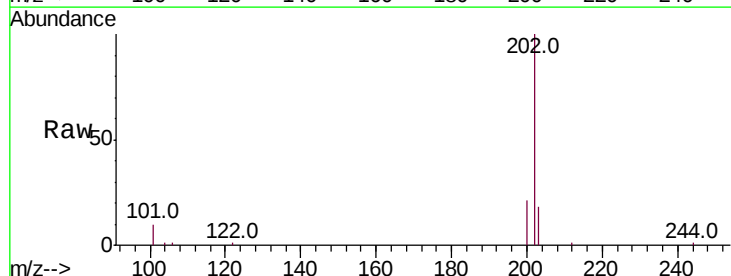
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

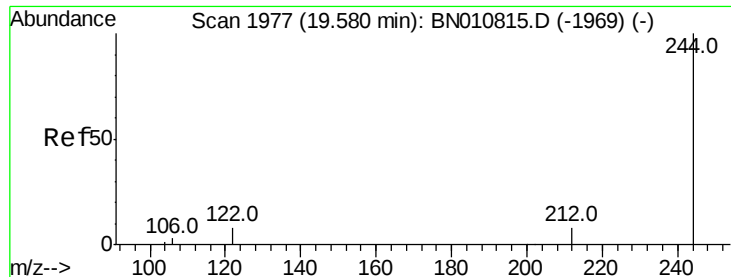
Tot Ion:240 Resp: 8915
Ion Ratio Lower Upper
240 100
120 9.5 7.5 11.3
236 27.8 22.3 33.5



#28
Pyrene
Concen: 0.424 ng
RT: 19.35 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BN010884.D
Acq: 16 Jun 2020 00:49

Tgt Ion:202 Resp: 12519
Ion Ratio Lower Upper
202 100
200 20.4 16.4 24.6
203 17.6 14.2 21.4





#29

Terphenyl-d14

Concen: 0.420 ng

RT: 19.57 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

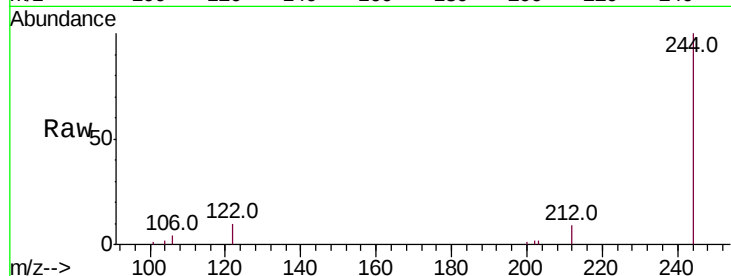
Tot Ion:244 Resp: 8773

Ion Ratio Lower Upper

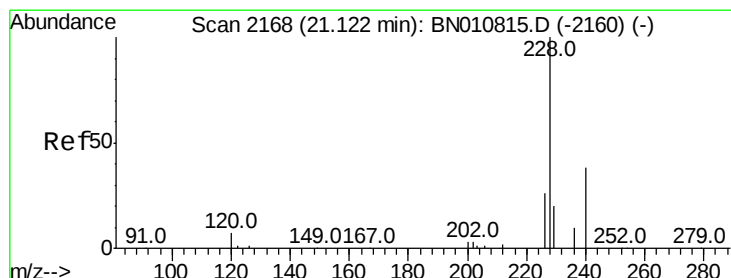
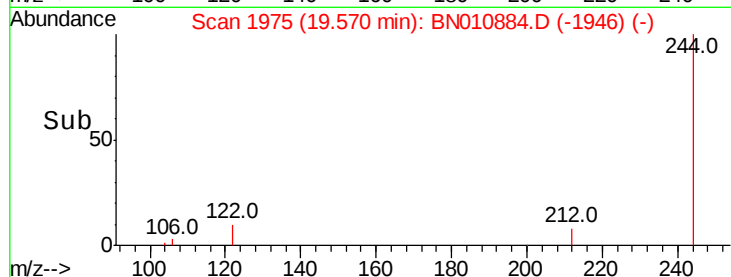
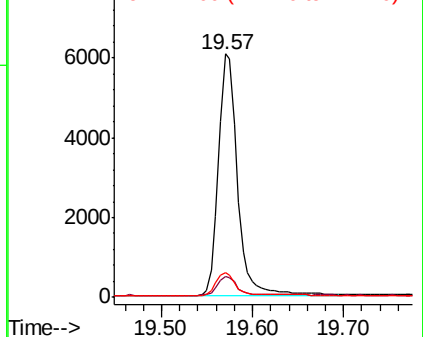
244 100

212 8.6 7.4 11.2

122 10.4 7.5 11.3



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: 0.404 ng

RT: 21.11 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

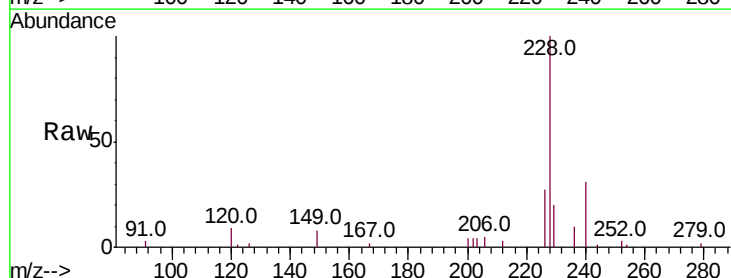
Tgt Ion:228 Resp: 10578

Ion Ratio Lower Upper

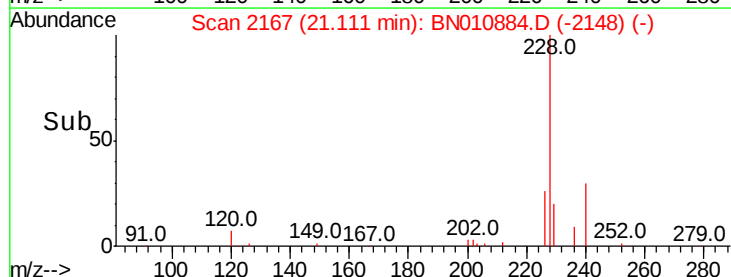
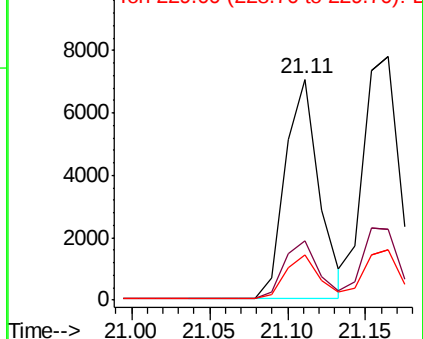
228 100

226 26.7 21.3 31.9

229 20.4 16.6 24.8



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: 0.422 ng

RT: 21.16 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

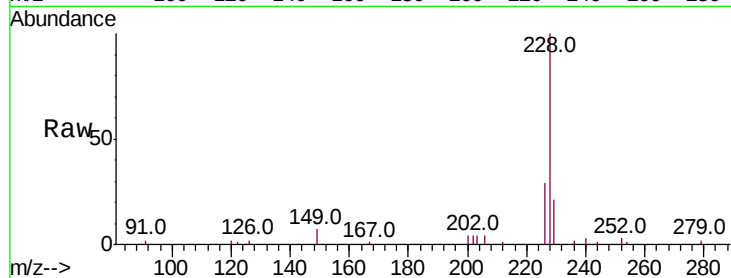
Tot Ion:228 Resp: 12874

Ion Ratio Lower Upper

228 100

226 29.2 25.0 37.6

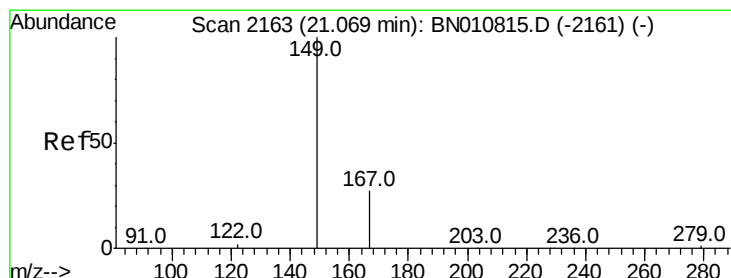
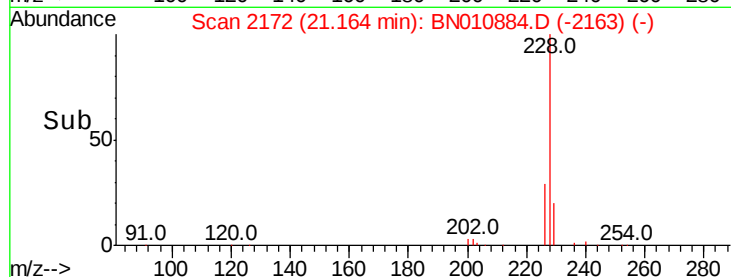
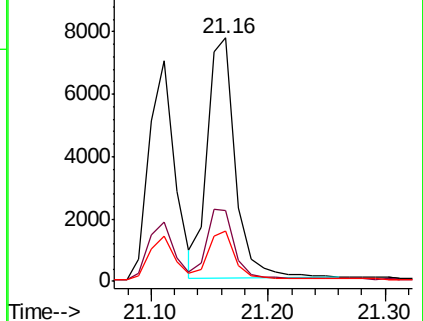
229 20.8 16.1 24.1



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: 0.460 ng

RT: 21.07 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

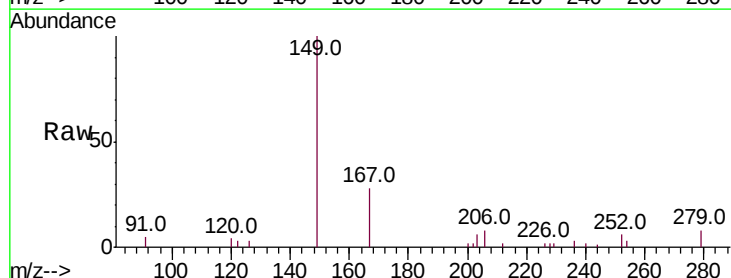
Tgt Ion:149 Resp: 4015

Ion Ratio Lower Upper

149 100

167 27.7 24.1 36.1

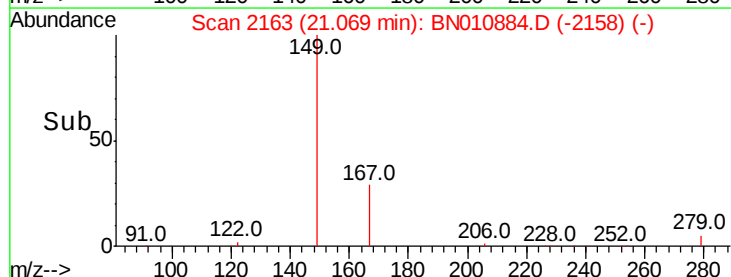
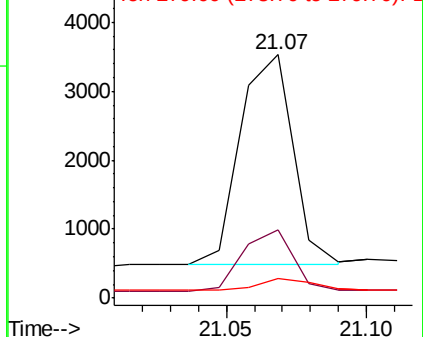
279 5.2 4.6 7.0

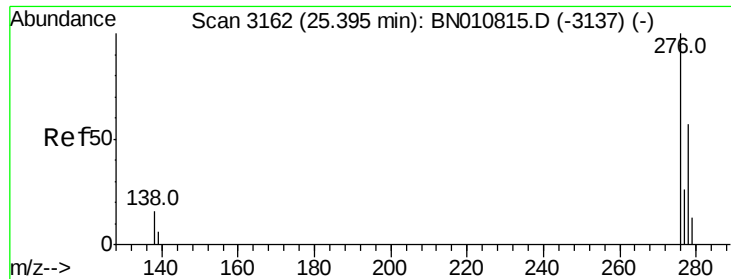


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.456 ng

RT: 25.38 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

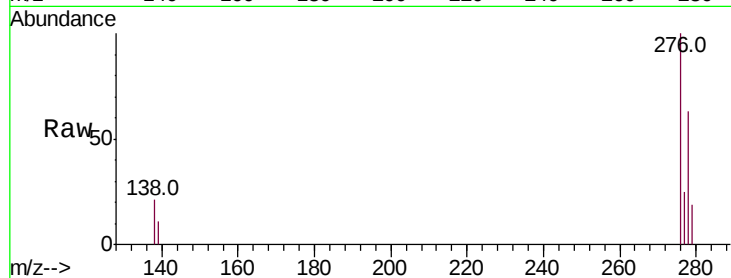
Tot Ion:276 Resp: 15558

Ion Ratio Lower Upper

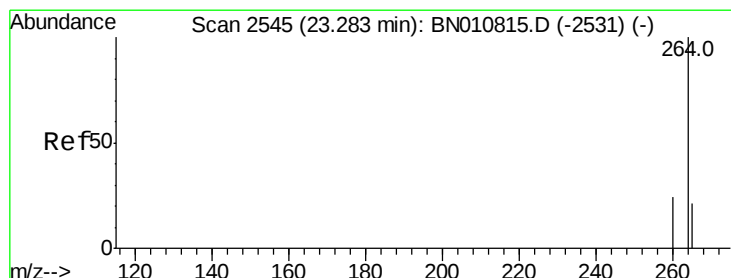
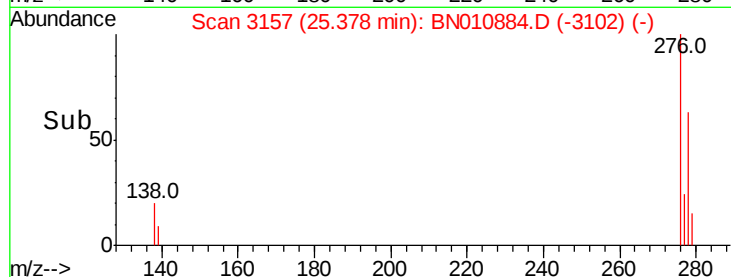
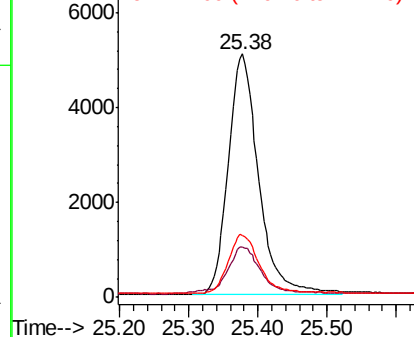
276 100

138 21.7 13.0 19.6#

277 25.4 19.7 29.5



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: 23.27 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

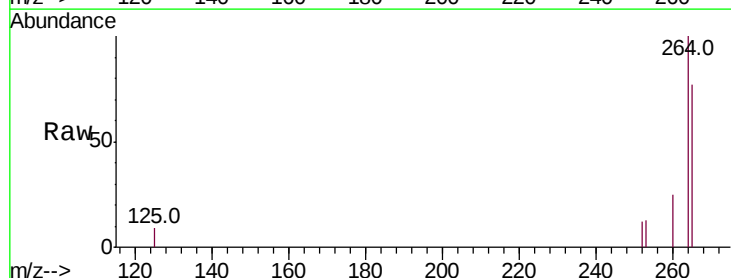
Tgt Ion:264 Resp: 9596

Ion Ratio Lower Upper

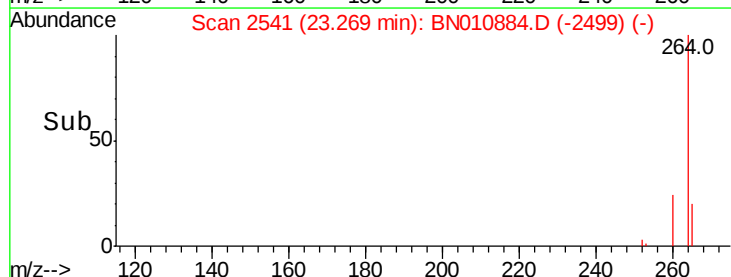
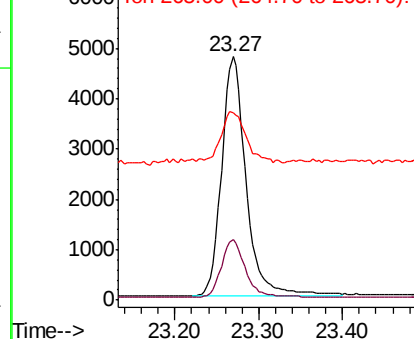
264 100

260 24.8 20.4 30.6

265 76.8 75.0 112.4



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: 0.384 ng

RT: 22.64 min Scan# 2356

Delta R.T. -0.01 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

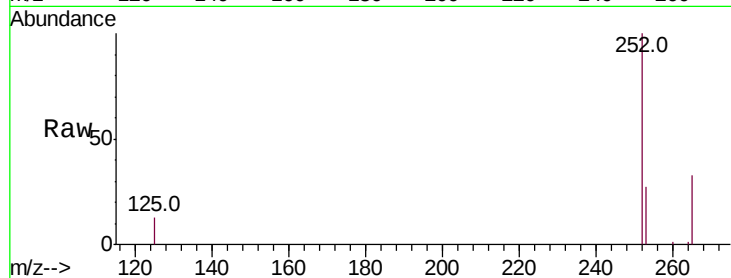
Tot Ion:252 Resp: 12546

Ion Ratio Lower Upper

252 100

253 27.5 22.4 33.6

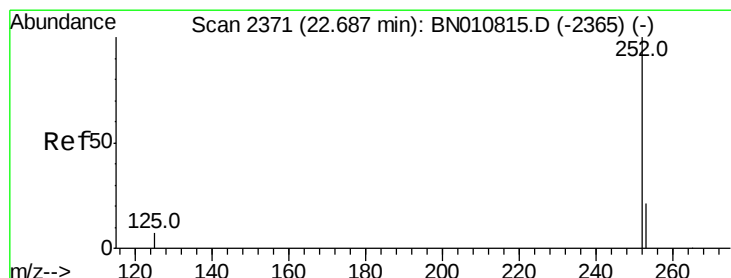
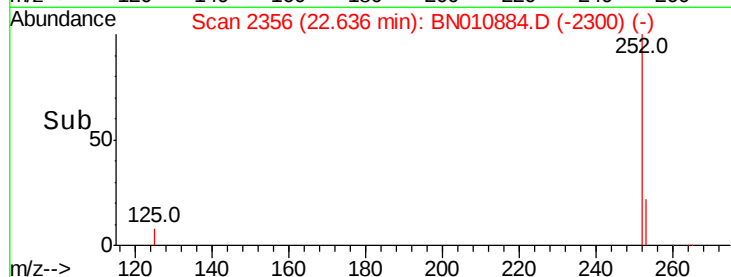
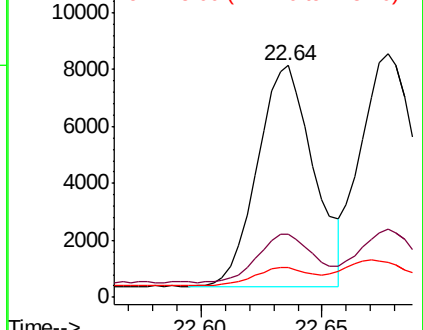
125 12.8 9.4 14.0



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: 0.393 ng

RT: 22.68 min Scan# 2368

Delta R.T. -0.01 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

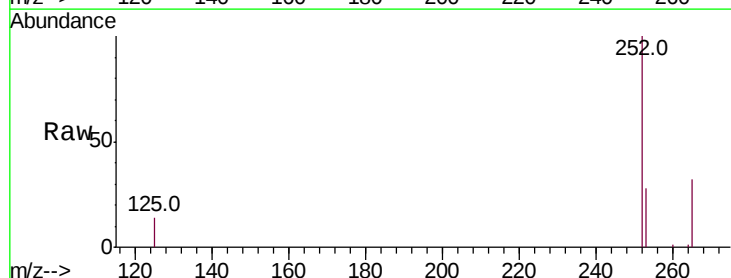
Tgt Ion:252 Resp: 13662

Ion Ratio Lower Upper

252 100

253 27.9 22.2 33.4

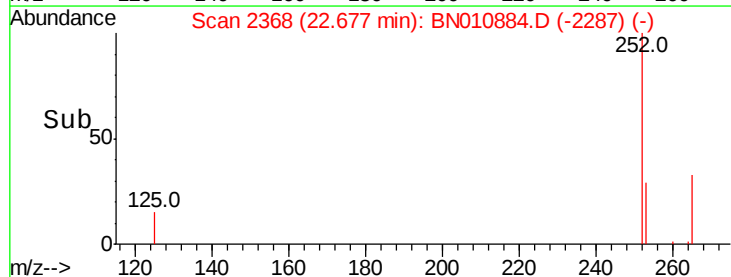
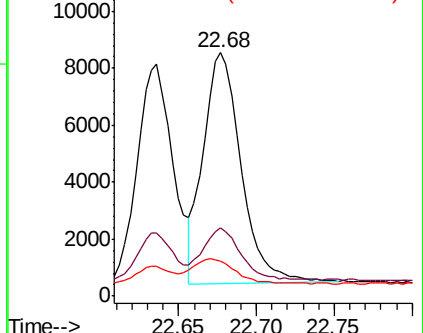
125 14.2 9.8 14.8



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





#37

Benzo(a)pyrene

Concen: 0.410 ng

RT: 23.18 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

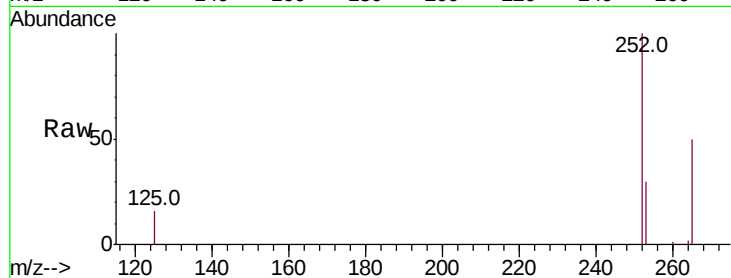
Tot Ion:252 Resp: 11462

Ion Ratio Lower Upper

252 100

253 30.3 25.8 38.8

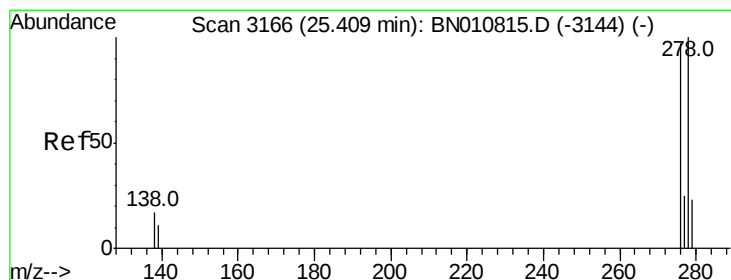
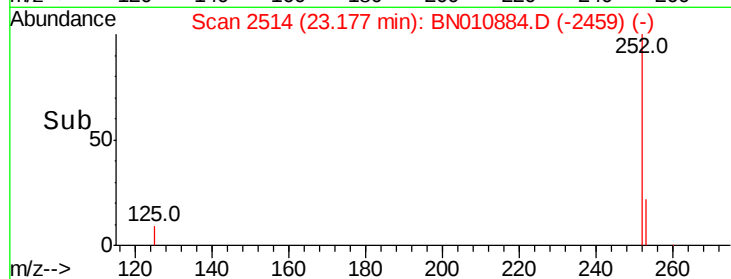
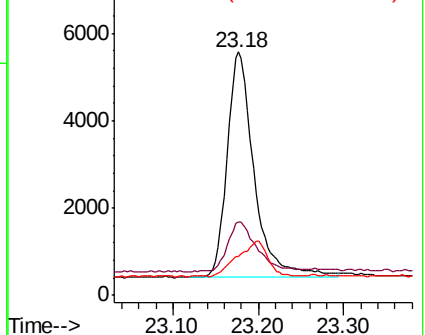
125 16.0 12.4 18.6



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: 0.396 ng

RT: 25.39 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

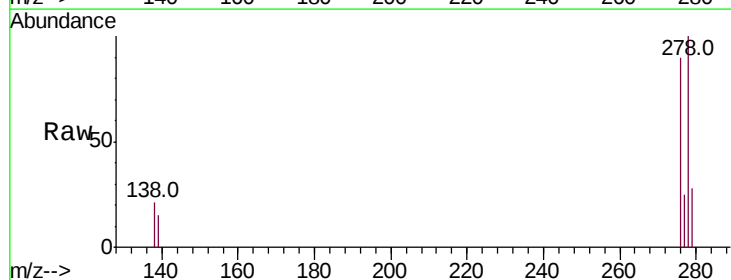
Tgt Ion:278 Resp: 12644

Ion Ratio Lower Upper

278 100

139 14.7 10.6 15.8

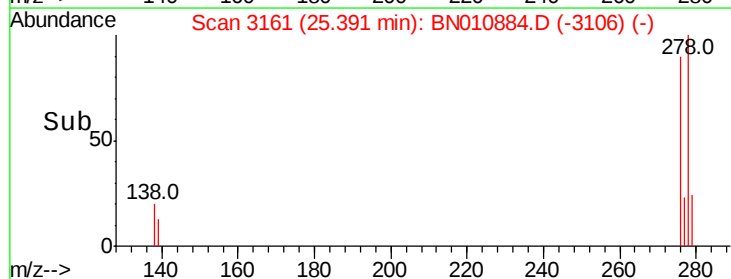
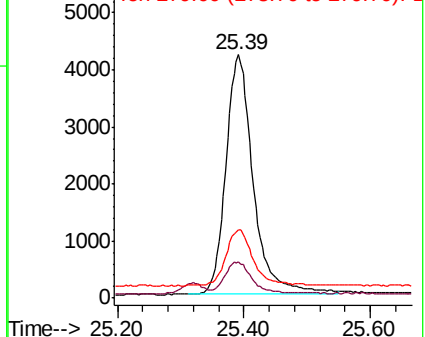
279 28.1 23.6 35.4



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: 0.389 ng

RT: 26.01 min Scan# 3342

Delta R.T. -0.01 min

Lab File: BN010884.D

Acq: 16 Jun 2020 00:49

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

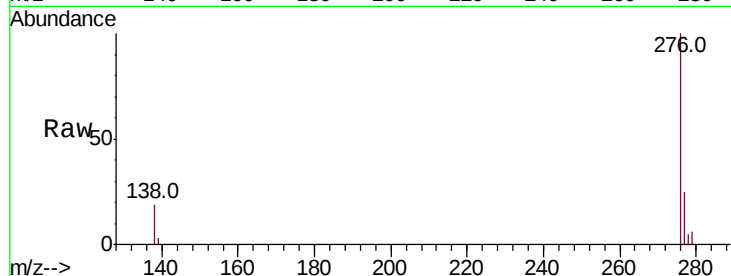
Tot Ion:276 Resp: 12970

Ion Ratio Lower Upper

276 100

277 25.1 20.5 30.7

138 18.9 13.7 20.5



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

