

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010159.D
 Acq On : 10 Mar 2020 13:32
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 10 18:43:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 19 15:57:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	927	0.40	ng	-0.06
7) Naphthalene-d8	10.11	136	3128	0.40	ng	-0.06
13) Acenaphthene-d10	14.00	164	1898	0.40	ng	-0.06
19) Phenanthrene-d10	16.77	188	3969	0.40	ng	-0.04
27) Chrysene-d12	20.99	240	3899	0.40	ng	-0.04
34) Perylene-d12	23.10	264	4168	0.40	ng	-0.05

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	945	0.46	ng	-0.05
5) Phenol-d6	6.61	99	1079	0.43	ng	-0.04
8) Nitrobenzene-d5	8.55	82	1067	0.41	ng	-0.04
11) 2-Methylnaphthalene-d10	11.73	152	2310	0.38	ng	-0.05
14) 2,4,6-Tribromophenol	15.54	330	310	0.42	ng	-0.04
15) 2-Fluorobiphenyl	12.63	172	2791	0.39	ng	-0.06
25) Fluoranthene-d10	18.82	212	5092	0.37	ng	-0.04
29) Terphenyl-d14	19.43	244	3309	0.36	ng	-0.04

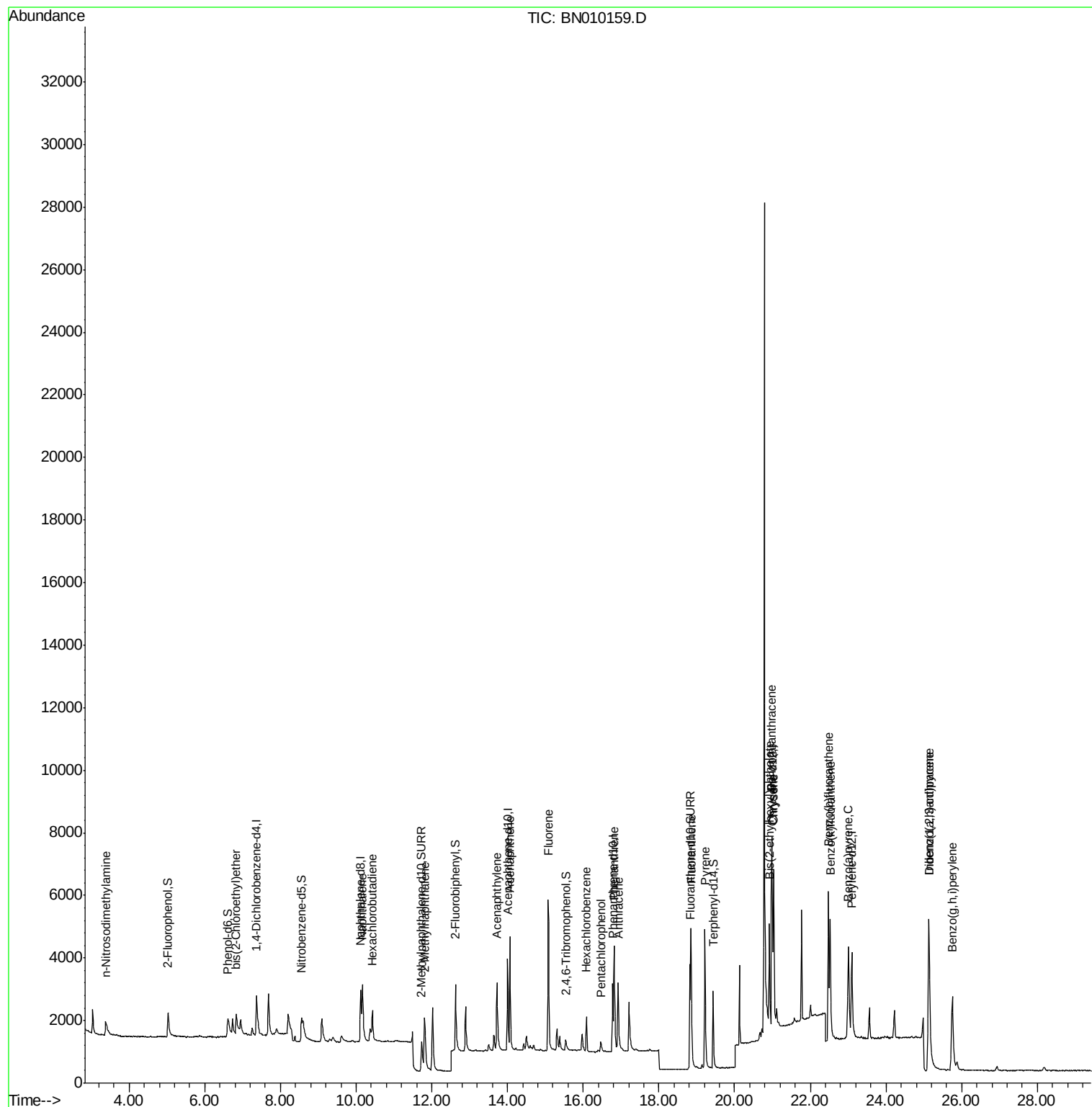
Target Compounds				Qvalue		
3) n-Nitrosodimethylamine	3.39	42	831	0.533	ng	# 99
6) bis(2-Chloroethyl)ether	6.83	93	1030	0.422	ng	93
9) Naphthalene	10.16	128	3314	0.388	ng	99
10) Hexachlorobutadiene	10.43	225	757	0.403	ng	# 98
12) 2-Methylnaphthalene	11.81	142	2194	0.375	ng	97
16) Acenaphthylene	13.72	152	3112	0.385	ng	99
17) Acenaphthene	14.07	154	2114	0.372	ng	98
18) Fluorene	15.07	166	2704	0.360	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	203	Below Cal		95
21) Hexachlorobenzene	16.08	284	963	0.390	ng	96
22) Pentachlorophenol	16.46	266	261	0.494	ng	95
23) Phenanthrene	16.82	178	4268	0.361	ng	99
24) Anthracene	16.92	178	3771	0.378	ng	99
26) Fluoranthene	18.85	202	5168	0.365	ng	99
28) Pyrene	19.22	202	5316	0.359	ng	100
30) Benzo(a)anthracene	20.98	228	4703	0.363	ng	100
31) Chrysene	21.03	228	5438	0.363	ng	100
32) Bis(2-ethylhexyl)phthalate	20.92	149	3086	0.489	ng	95
33) Indeno(1,2,3-cd)pyrene	25.13	276	6665	0.428	ng	98
35) Benzo(b)fluoranthene	22.48	252	5566	0.365	ng	98
36) Benzo(k)fluoranthene	22.52	252	5847	0.352	ng	99
37) Benzo(a)pyrene	23.01	252	5393	0.388	ng	# 96
38) Dibenzo(a,h)anthracene	25.13	278	5181	0.378	ng	98
39) Benzo(g,h,i)perylene	25.75	276	5705	0.391	ng	99

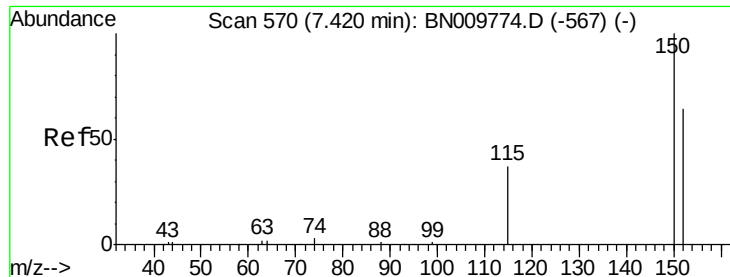
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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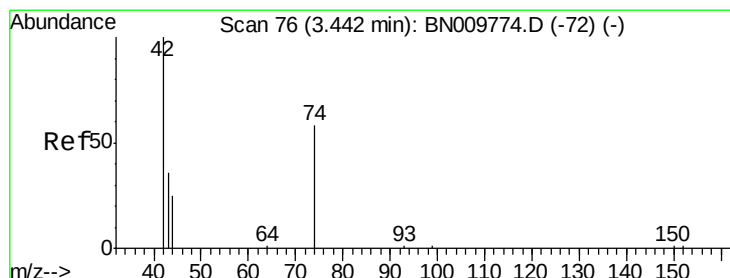
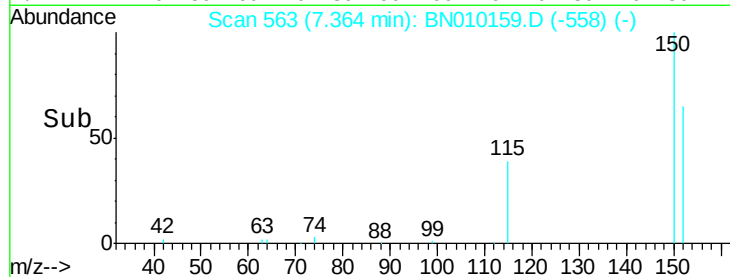
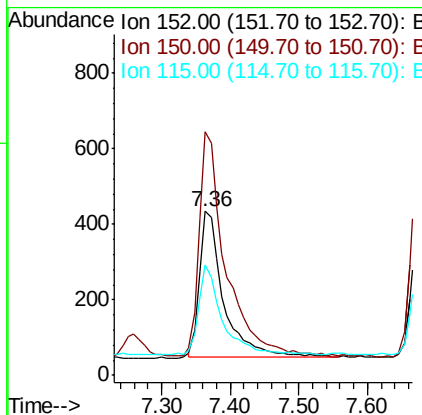
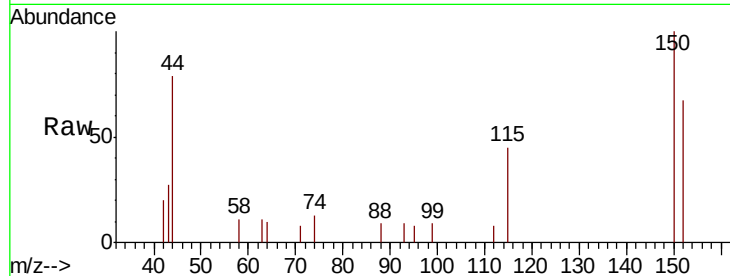


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.36 min Scan# 563
 Delta R.T. -0.06 min
 Lab File: BN010159.D
 Acq: 10 Mar 2020 13:32

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

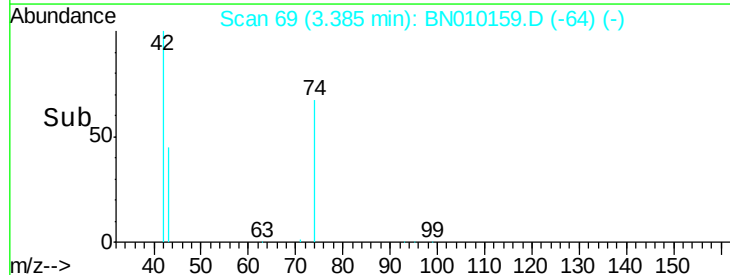
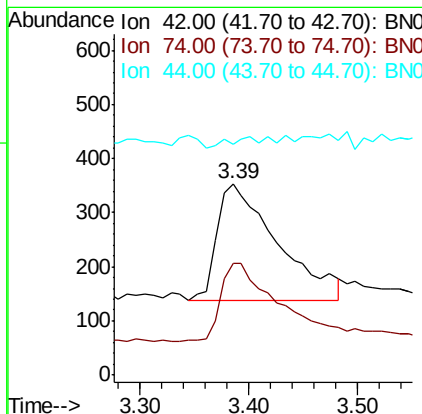
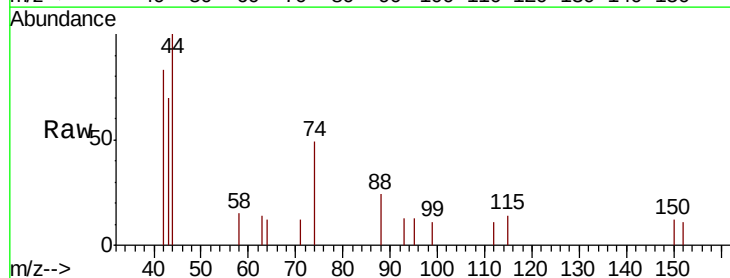
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	120.6	181.0
115	67.3	51.2	76.8

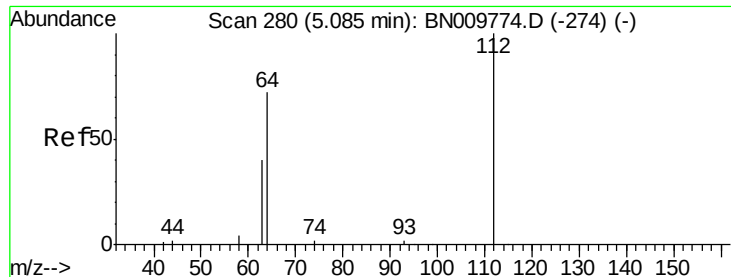


#3

n-Nitrosodimethylamine
 Concen: 0.533 ng
 RT: 3.39 min Scan# 69
 Delta R.T. -0.06 min
 Lab File: BN010159.D
 Acq: 10 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
42	100		
74	64.7	51.2	76.8
44	4.0	2.6	4.0





#4

2-Fluorophenol

Concen: 0.458 ng

RT: 5.04 min Scan# 274

Delta R.T. -0.05 min

Lab File: BN010159.D

Acq: 10 Mar 2020 13:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

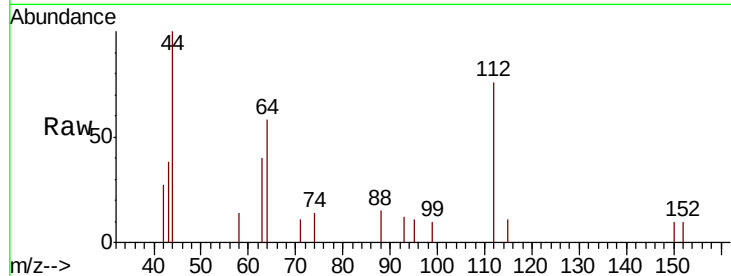
Tot Ion: 112 Resp: 945

Ion Ratio Lower Upper

112 100

64 78.9 65.8 98.6

63 48.5 38.7 58.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO

500

400

300

200

100

0

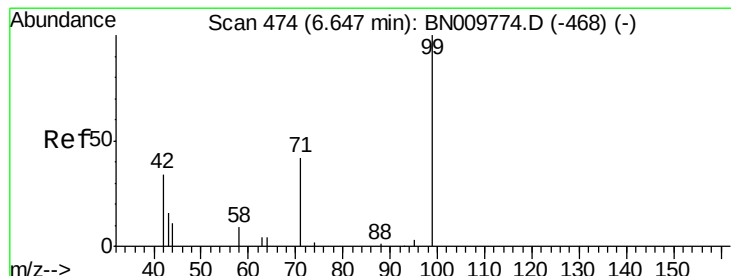
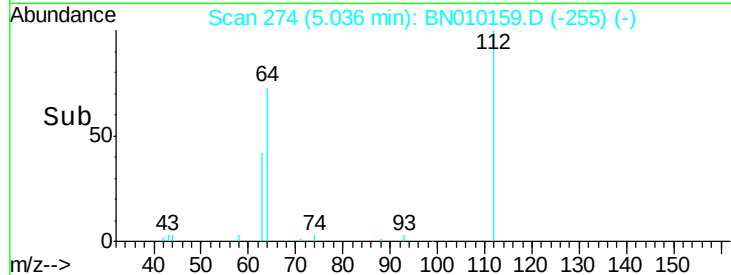
4.90

5.04

5.10

5.20

Time-->



#5

Phenol-d6

Concen: 0.430 ng

RT: 6.61 min Scan# 469

Delta R.T. -0.04 min

Lab File: BN010159.D

Acq: 10 Mar 2020 13:32

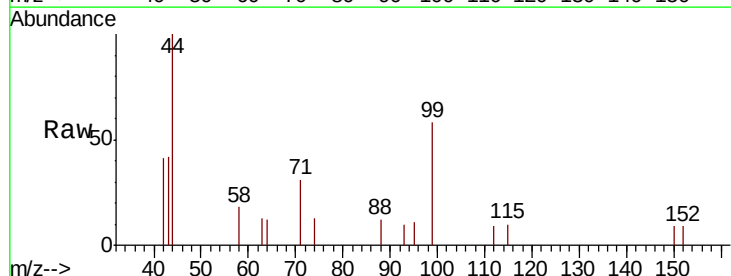
Tgt Ion: 99 Resp: 1079

Ion Ratio Lower Upper

99 100

42 35.0 30.8 46.2

71 43.3 34.9 52.3



Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO

400

300

200

100

0

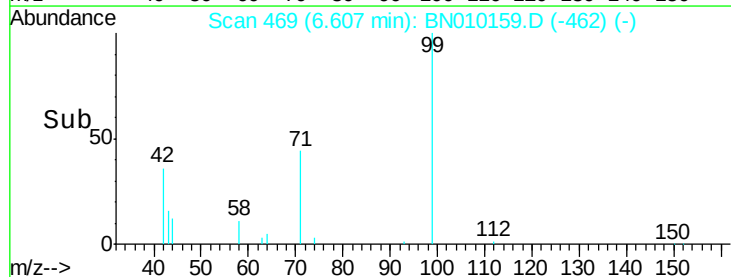
6.50

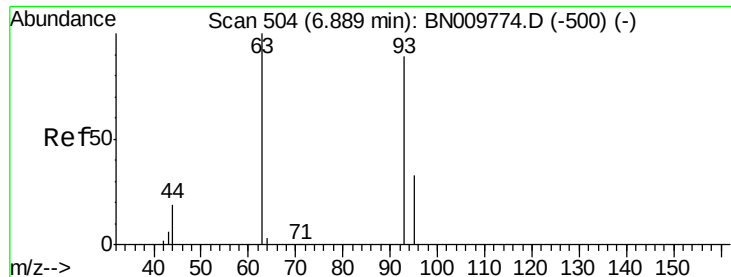
6.61

6.70

6.80

Time-->





#6

bis(2-Chloroethyl)ether

Concen: 0.422 ng

RT: 6.83 min Scan# 497

Delta R.T. -0.06 min

Lab File: BN010159.D

Acq: 10 Mar 2020 13:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

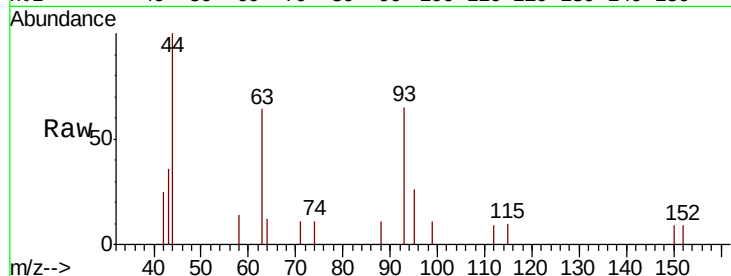
Tot Ion: 93 Resp: 1030

Ion Ratio Lower Upper

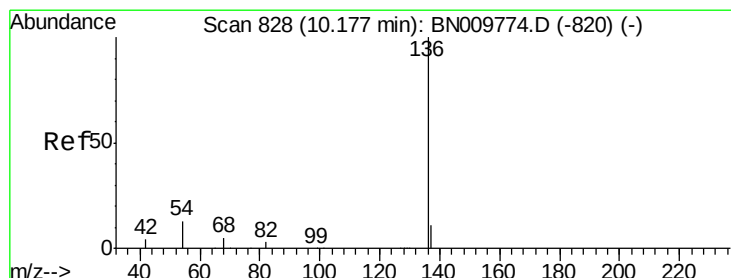
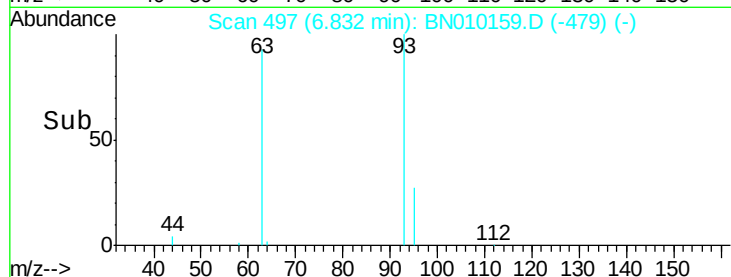
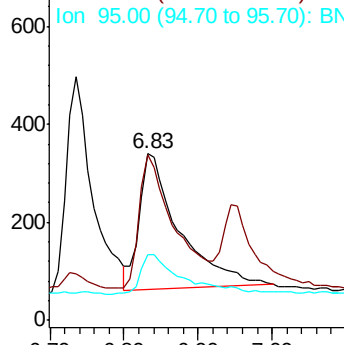
93 100

63 85.0 74.0 111.0

95 30.8 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN009774.D (-500) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.11 min Scan# 823

Delta R.T. -0.06 min

Lab File: BN010159.D

Acq: 10 Mar 2020 13:32

Tgt Ion: 136 Resp: 3128

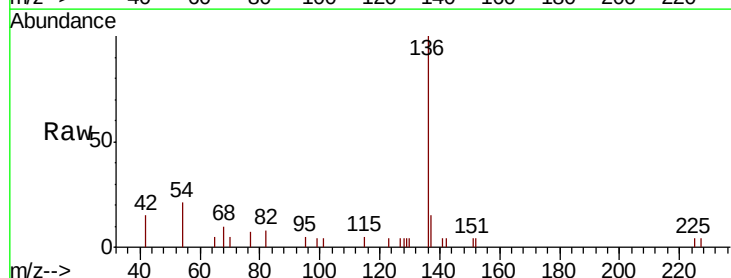
Ion Ratio Lower Upper

136 100

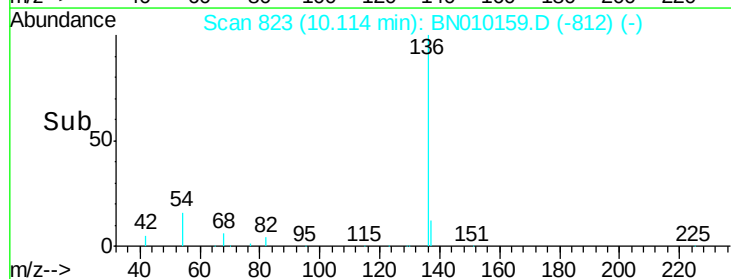
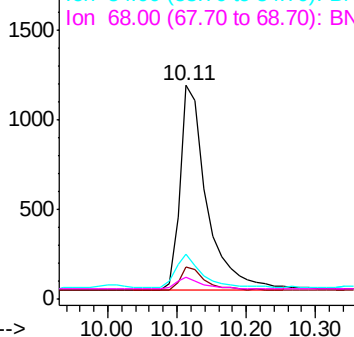
137 15.1 11.3 16.9

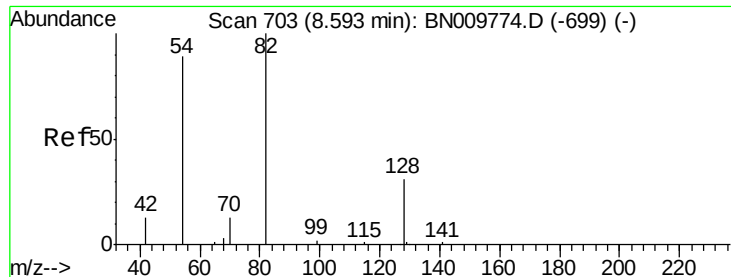
54 20.9 13.4 20.2#

68 10.1 7.0 10.4



Abundance Ion 136.00 (135.70 to 136.70): BN009774.D (-820) (-)





#8

Nitrobenzene-d5

Concen: 0.410 ng

RT: 8.55 min Scan# 700

Delta R.T. -0.04 min

Lab File: BN010159.D

Acq: 10 Mar 2020 13:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

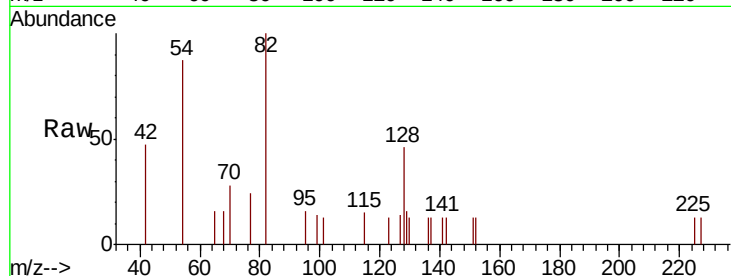
Tot Ion: 82 Resp: 1067

Ion Ratio Lower Upper

82 100

128 46.4 32.5 48.7

54 86.9 73.5 110.3



Abundance Ion 82.00 (81.70 to 82.70): BN009774.D (-699) (-)

Ion 128.00 (127.70 to 128.70): BN009774.D (-699) (-)

Ion 54.00 (53.70 to 54.70): BN009774.D (-699) (-)

Time-->

8.40 8.50 8.60 8.70

8.55

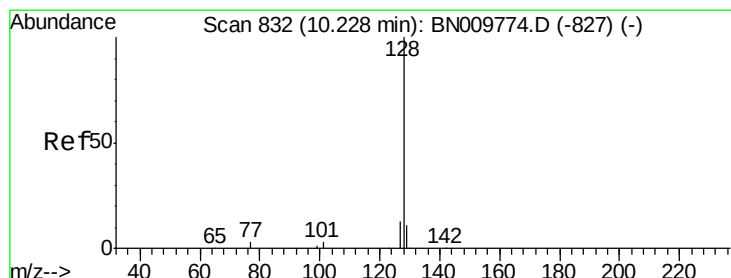
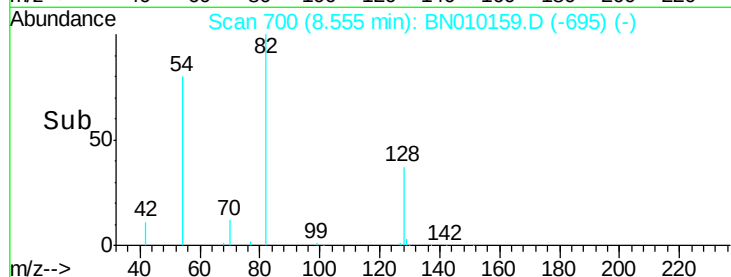
400

300

200

100

0



#9

Naphthalene

Concen: 0.388 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.06 min

Lab File: BN010159.D

Acq: 10 Mar 2020 13:32

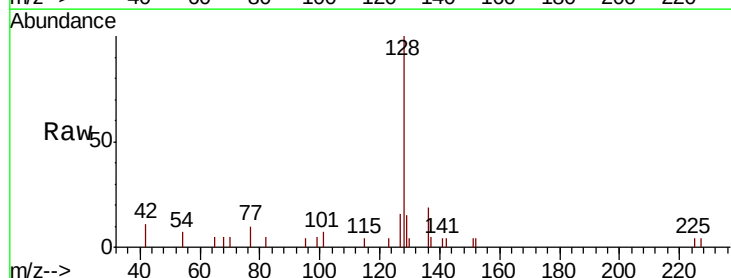
Tgt Ion: 128 Resp: 3314

Ion Ratio Lower Upper

128 100

129 14.5 11.1 16.7

127 15.6 12.6 19.0



Abundance Ion 128.00 (127.70 to 128.70): BN009774.D (-827) (-)

Ion 129.00 (128.70 to 129.70): BN009774.D (-827) (-)

Ion 127.00 (126.70 to 127.70): BN009774.D (-827) (-)

Time-->

10.00 10.10 10.20 10.30

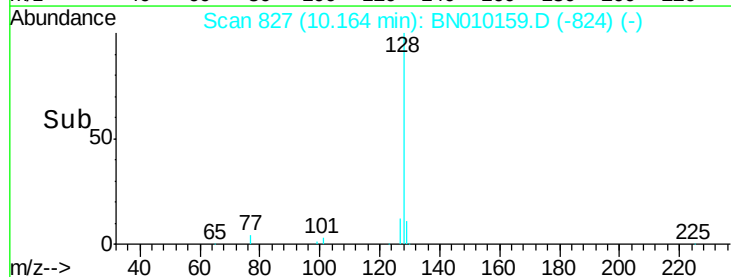
10.16

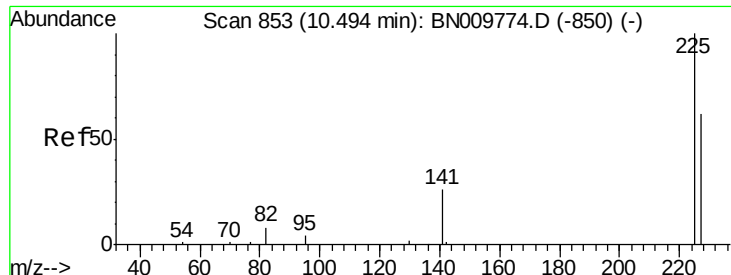
1500

1000

500

0

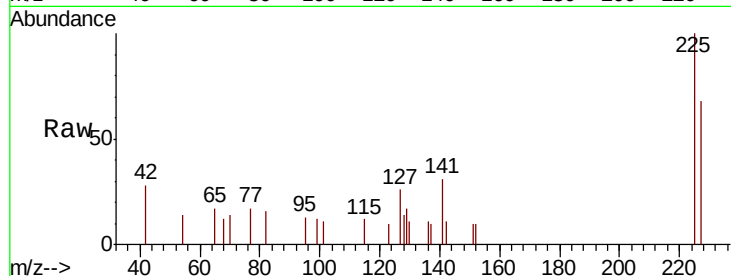




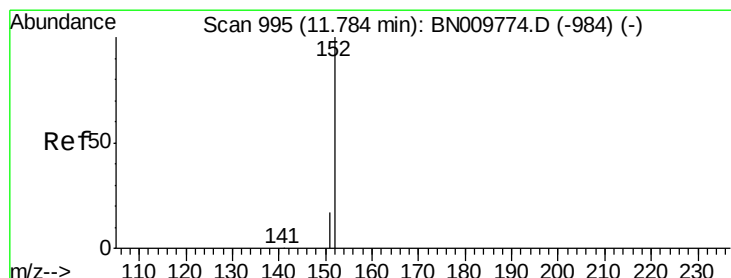
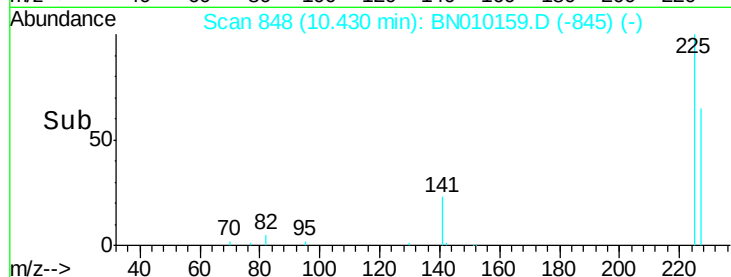
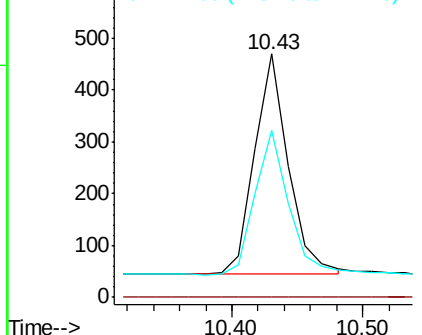
#10
Hexachlorobutadiene
Concen: 0.403 ng
RT: 10.43 min Scan# 848
Delta R.T. -0.06 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion:225 Resp: 757
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 65.3 53.4 80.2

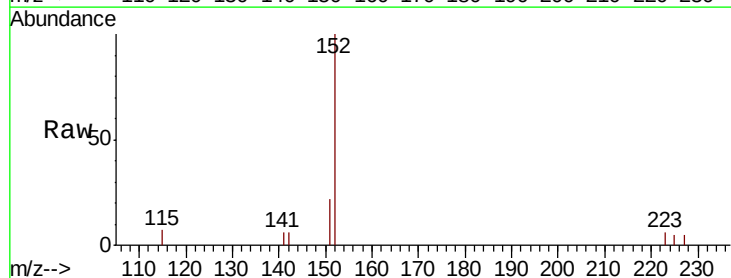


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

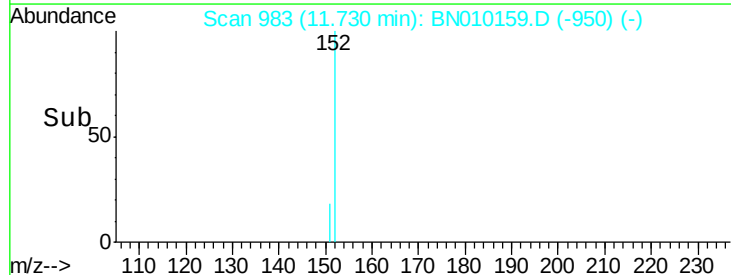
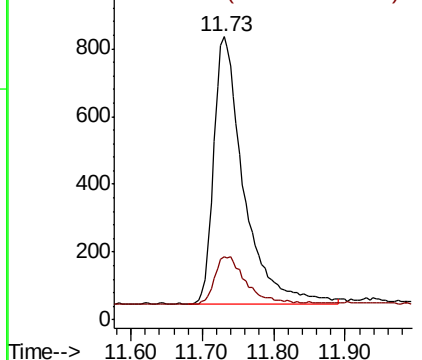


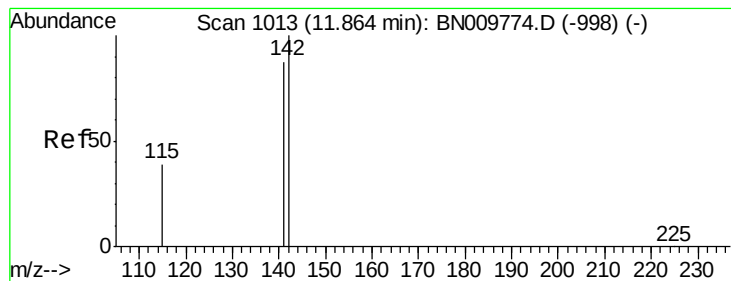
#11
2-Methylnaphthalene-d10
Concen: 0.382 ng
RT: 11.73 min Scan# 983
Delta R.T. -0.05 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Tgt Ion:152 Resp: 2310
Ion Ratio Lower Upper
152 100
151 18.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





#12

2-Methylnaphthalene

Concen: 0.375 ng

RT: 11.81 min Scan# 1000

Delta R.T. -0.06 min

Lab File: BN010159.D

Acq: 10 Mar 2020 13:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

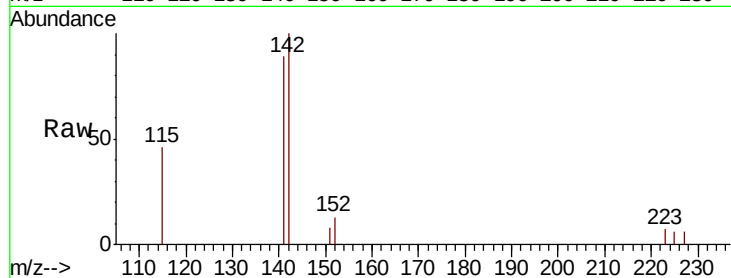
Tot Ion:142 Resp: 2194

Ion Ratio Lower Upper

142 100

141 89.3 69.8 104.6

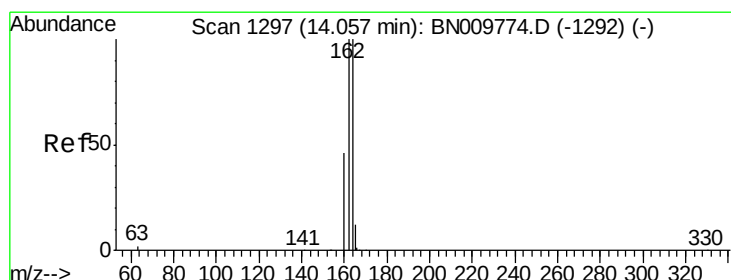
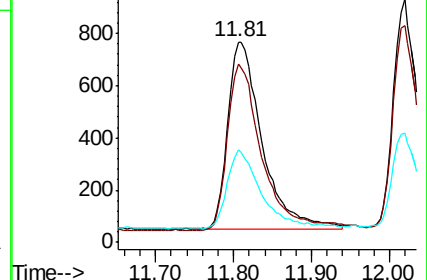
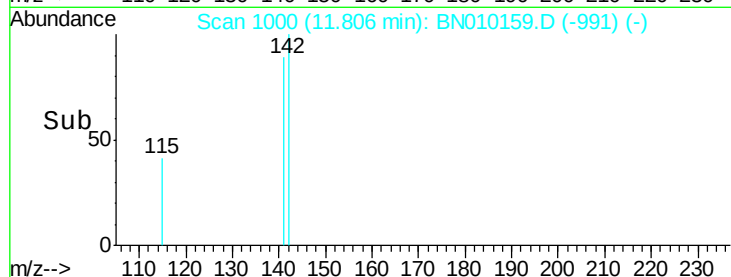
115 45.9 34.6 52.0



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



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1292

Delta R.T. -0.06 min

Lab File: BN010159.D

Acq: 10 Mar 2020 13:32

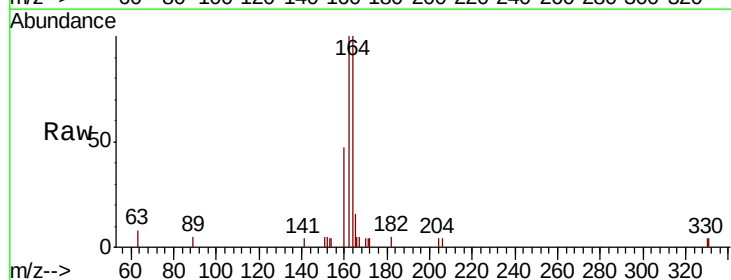
Tgt Ion:164 Resp: 1898

Ion Ratio Lower Upper

164 100

162 99.7 79.9 119.9

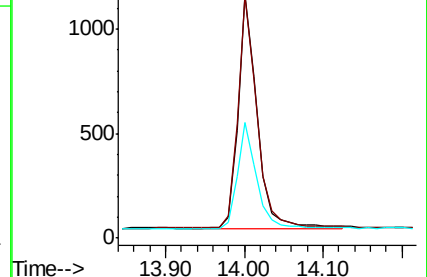
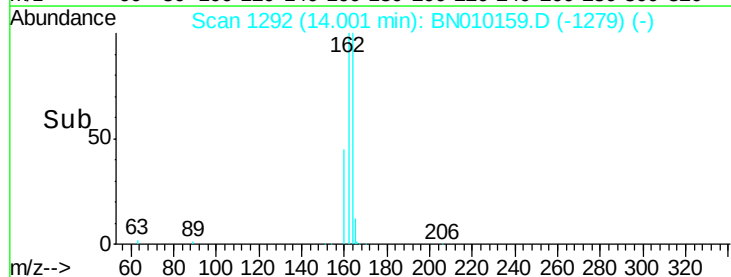
160 47.3 38.2 57.2

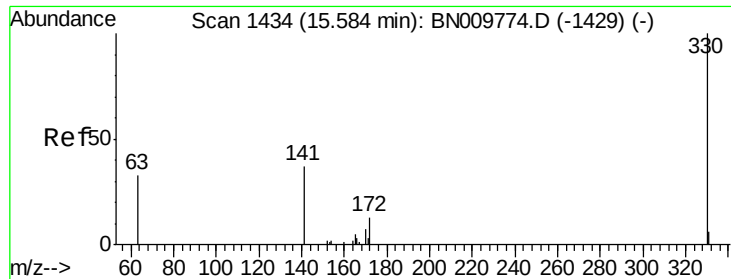


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

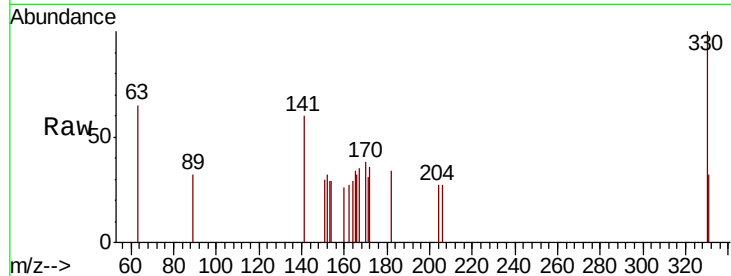




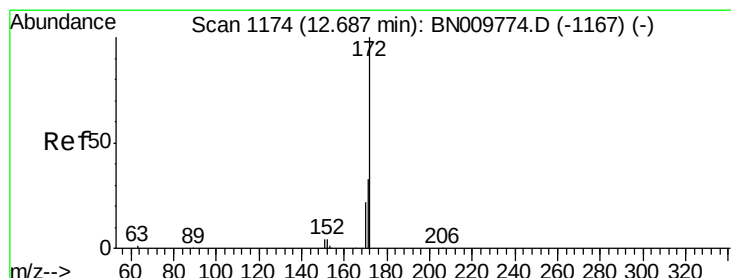
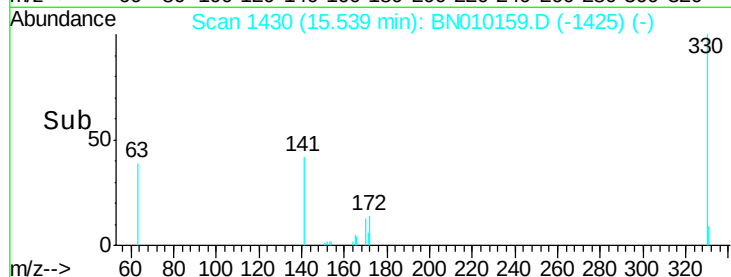
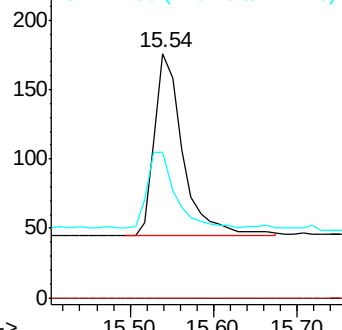
#14
 2,4,6-Tribromophenol
 Concen: 0.424 ng
 RT: 15.54 min Scan# 1430
 Delta R.T. -0.04 min
 Lab File: BN010159.D
 Acq: 10 Mar 2020 13:32

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:330 Resp: 310
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 41.9 36.8 55.2

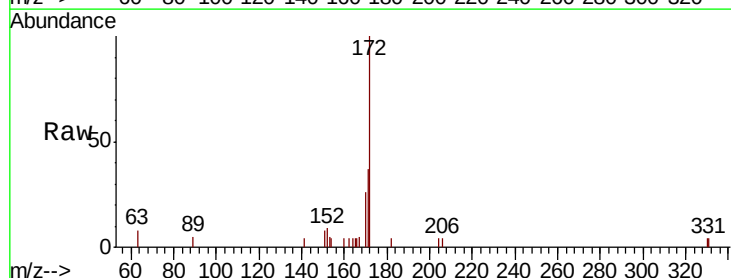


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

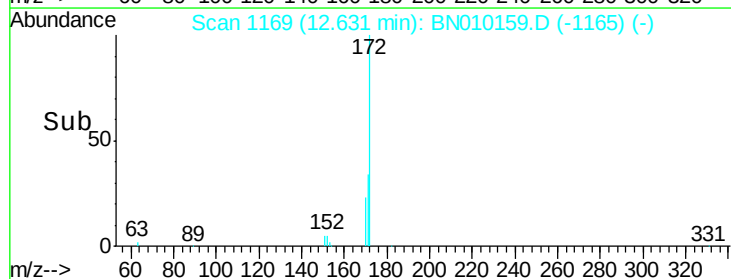
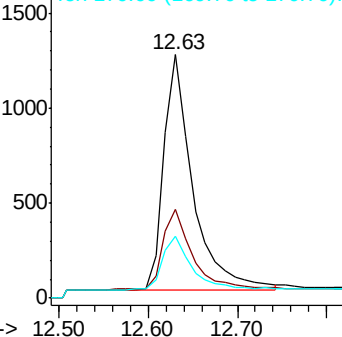


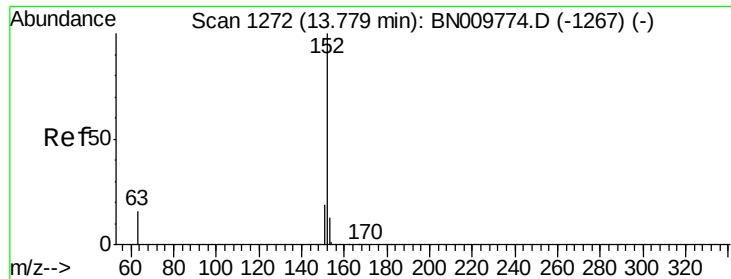
#15
 2-Fluorobiphenyl
 Concen: 0.390 ng
 RT: 12.63 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BN010159.D
 Acq: 10 Mar 2020 13:32

Tgt Ion:172 Resp: 2791
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.7 43.1
 170 25.5 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthylene

Concen: 0.385 ng

RT: 13.72 min Scan# 1267

Delta R.T. -0.06 min

Lab File: BN010159.D

Acq: 10 Mar 2020 13:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

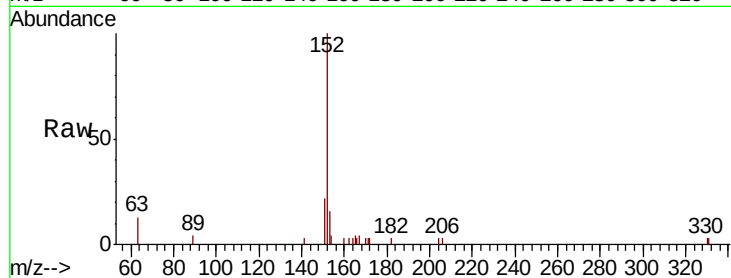
Tot Ion:152 Resp: 3112

Ion Ratio Lower Upper

152 100

151 19.4 15.8 23.6

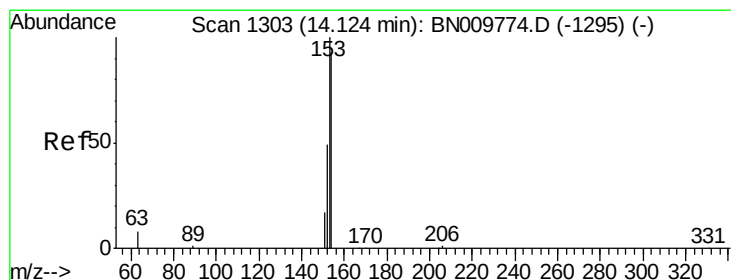
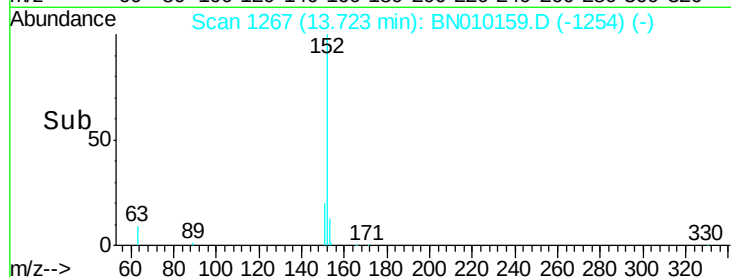
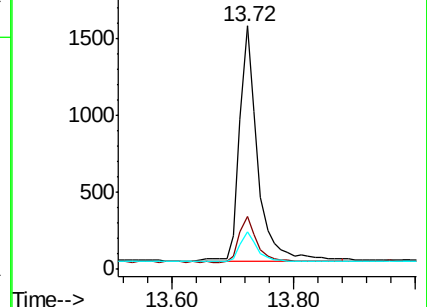
153 12.1 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#17

Acenaphthene

Concen: 0.372 ng

RT: 14.07 min Scan# 1298

Delta R.T. -0.06 min

Lab File: BN010159.D

Acq: 10 Mar 2020 13:32

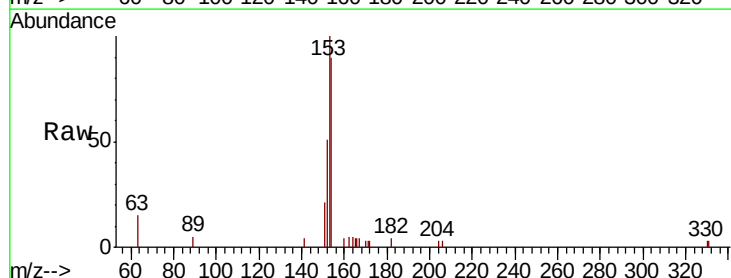
Tgt Ion:154 Resp: 2114

Ion Ratio Lower Upper

154 100

153 113.9 88.9 133.3

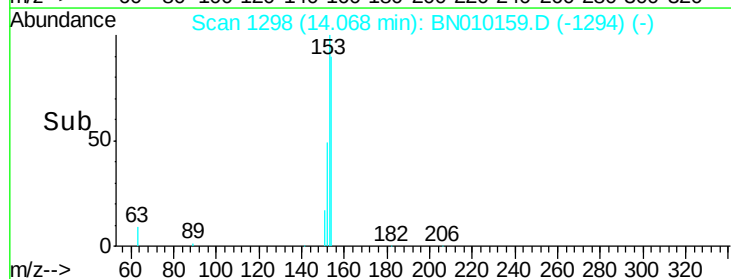
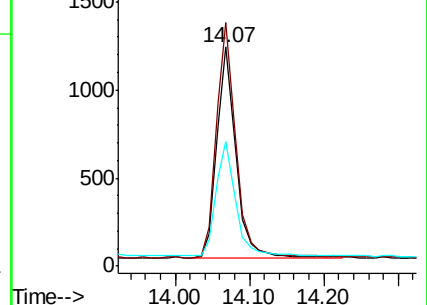
152 56.2 44.2 66.2

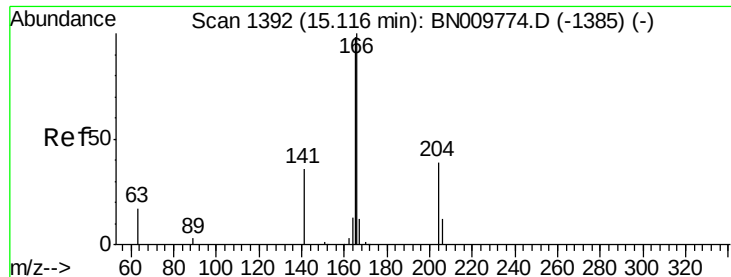


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#18

Fluorene

Concen: 0.360 ng

RT: 15.07 min Scan# 1388

Delta R.T. -0.04 min

Lab File: BN010159.D

Acq: 10 Mar 2020 13:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

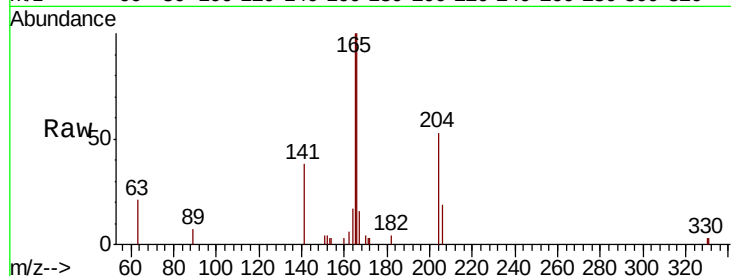
Tot Ion:166 Resp: 2704

Ion Ratio Lower Upper

166 100

165 97.4 77.2 115.8

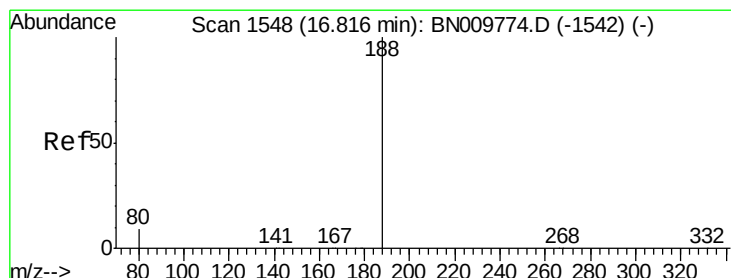
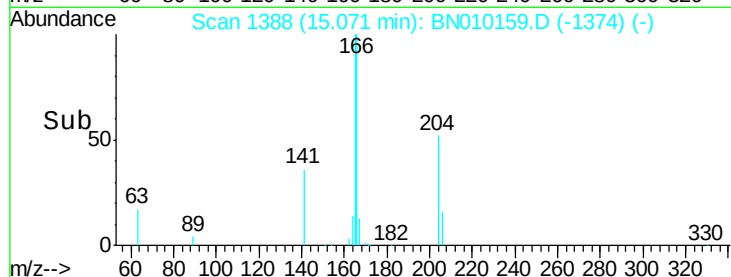
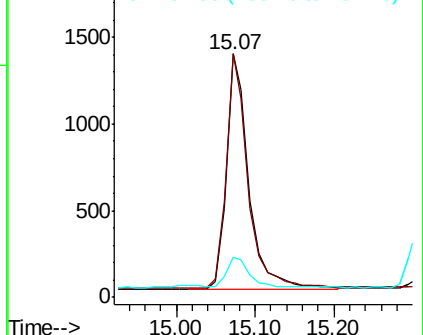
167 13.3 10.5 15.7



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: 16.77 min Scan# 1544

Delta R.T. -0.04 min

Lab File: BN010159.D

Acq: 10 Mar 2020 13:32

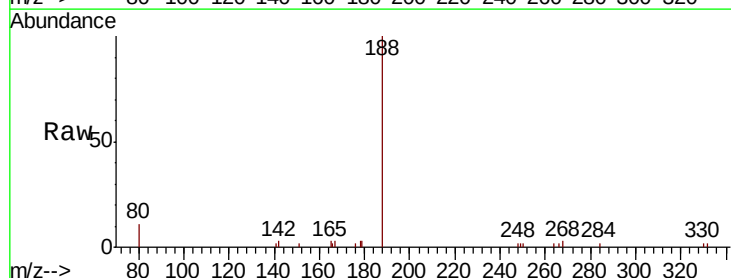
Tgt Ion:188 Resp: 3969

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

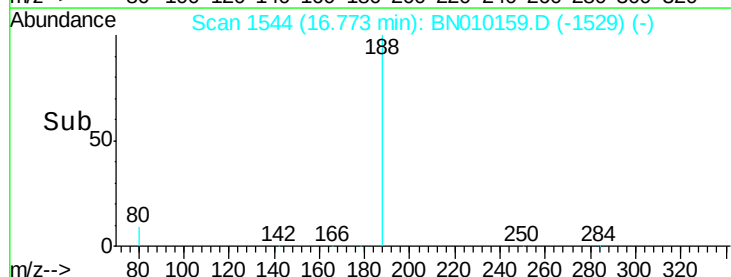
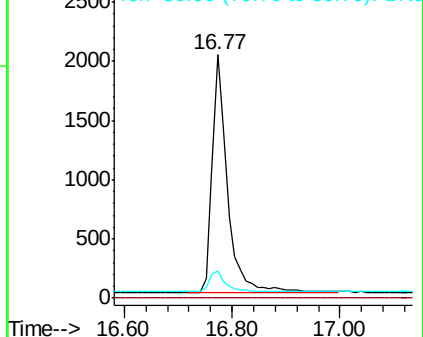
80 11.3 8.3 12.5

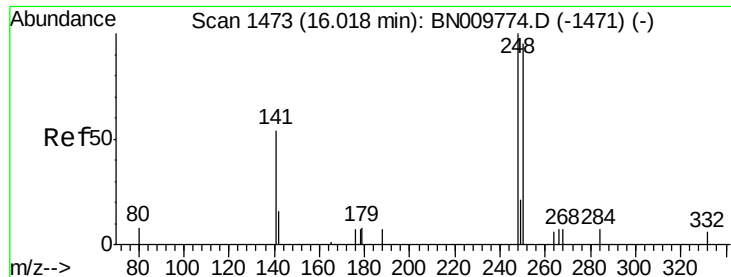


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

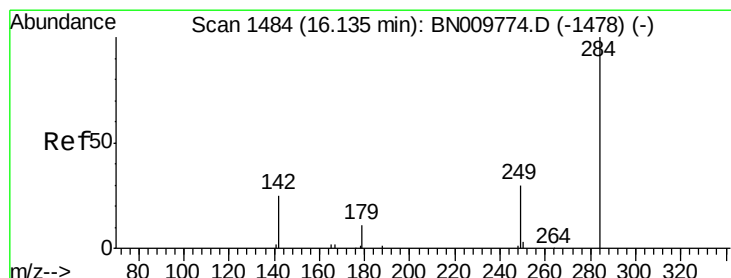
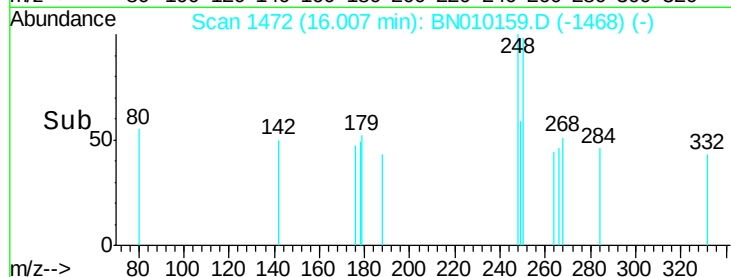
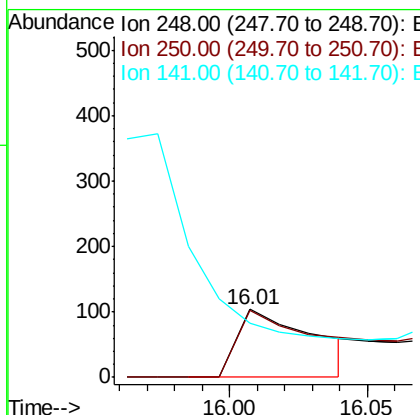
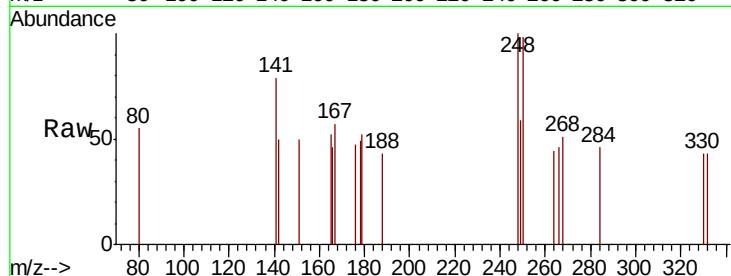




#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.01 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

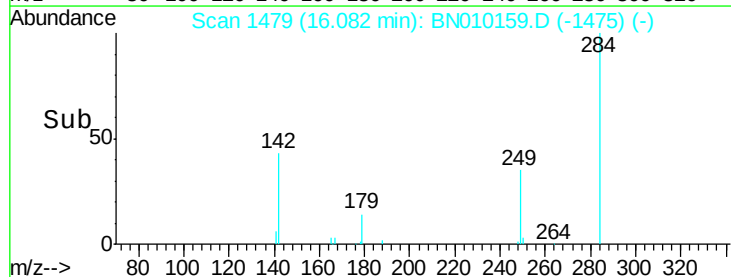
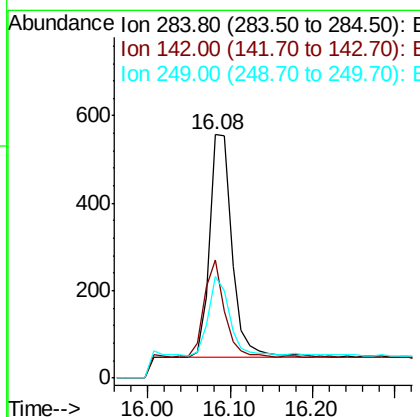
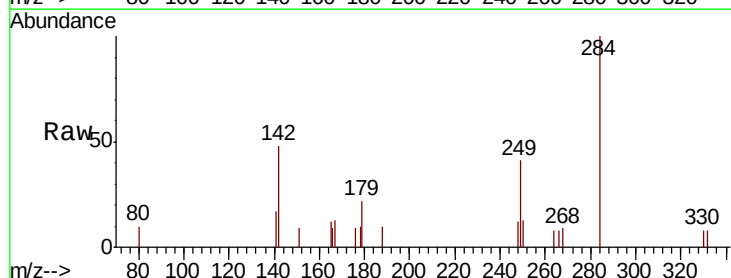
Instrument :
BNA_N
ClientSampled :
SSTDCCC0.4

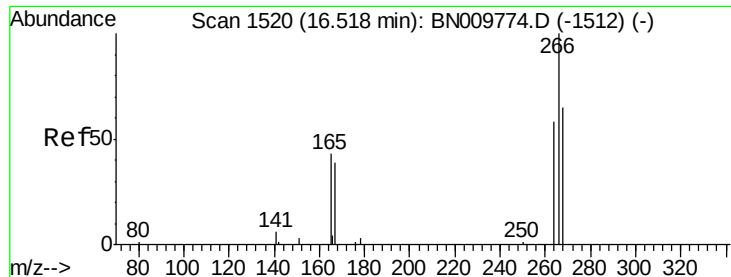
Tot Ion:248 Resp: 203
Ion Ratio Lower Upper
248 100
250 98.1 76.2 114.4
141 78.8 57.8 86.6



#21
Hexachlorobenzene
Concen: 0.390 ng
RT: 16.08 min Scan# 1479
Delta R.T. -0.05 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Tgt Ion:284 Resp: 963
Ion Ratio Lower Upper
284 100
142 38.3 33.3 49.9
249 33.2 25.7 38.5

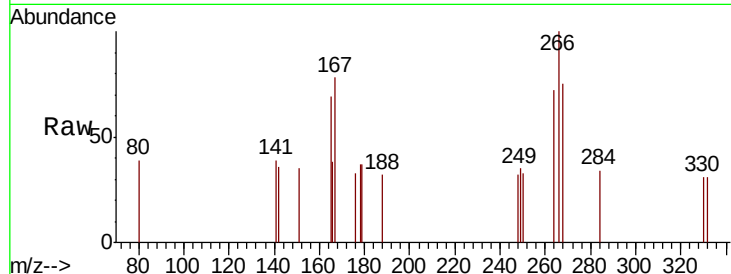




#22
 Pentachlorophenol
 Concen: 0.494 ng
 RT: 16.46 min Scan# 1515
 Delta R.T. -0.05 min
 Lab File: BN010159.D
 Acq: 10 Mar 2020 13:32

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
266	100		
264	71.5	58.1	87.1
268	75.0	65.7	98.5

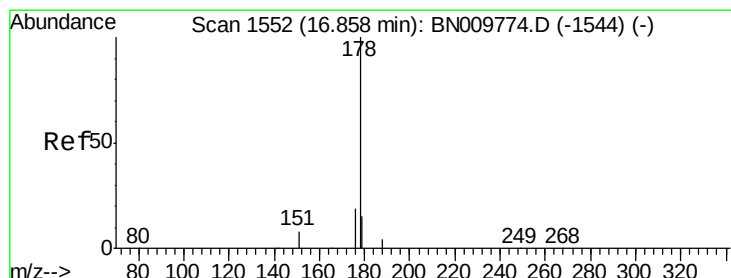
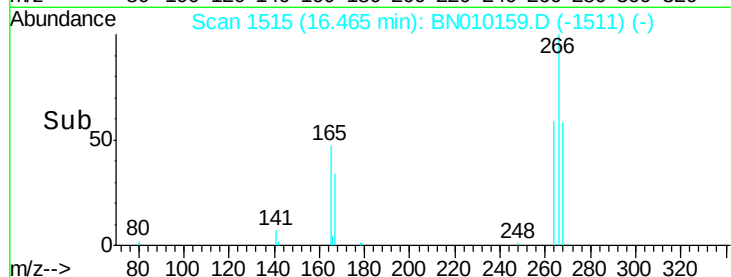
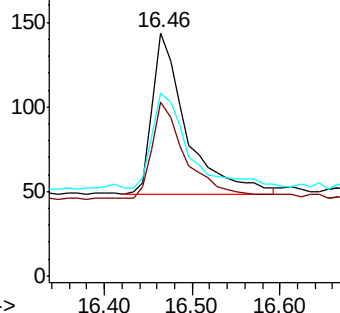


Abundance

Ion 266.00 (265.70 to 266.70): E

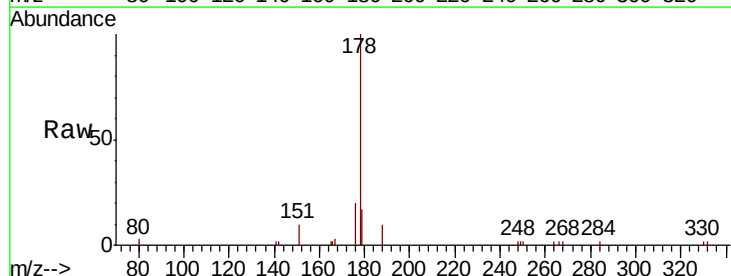
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#23
 Phenanthrene
 Concen: 0.361 ng
 RT: 16.82 min Scan# 1548
 Delta R.T. -0.04 min
 Lab File: BN010159.D
 Acq: 10 Mar 2020 13:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.7	12.4	18.6

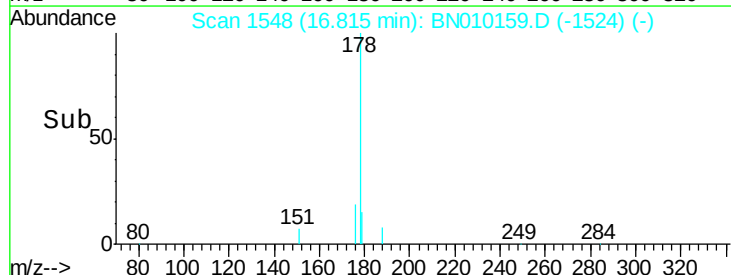
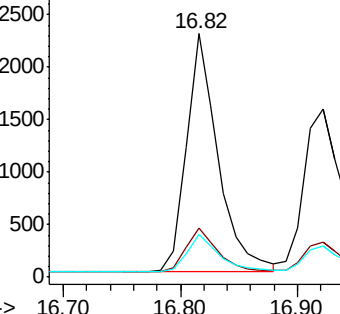


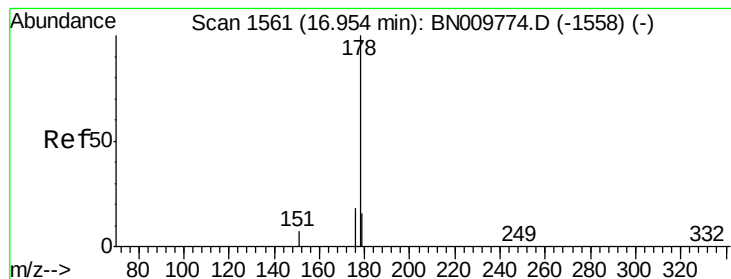
Abundance

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: 0.378 ng

RT: 16.92 min Scan# 1558

Delta R.T. -0.03 min

Lab File: BN010159.D

Acq: 10 Mar 2020 13:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

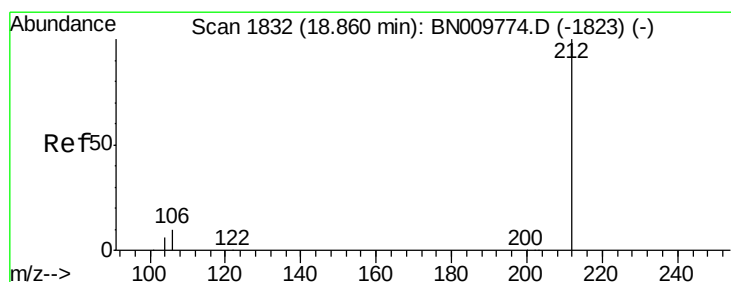
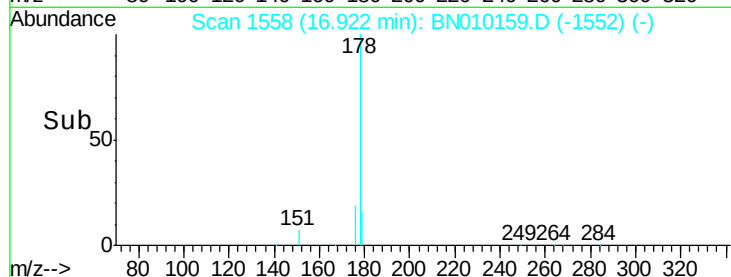
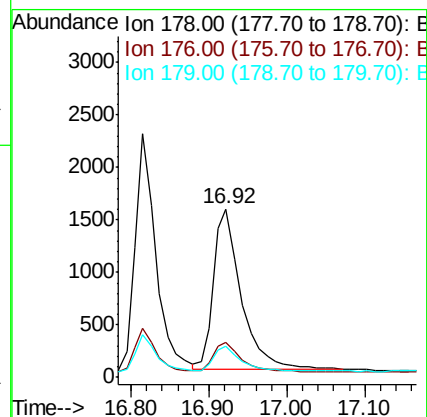
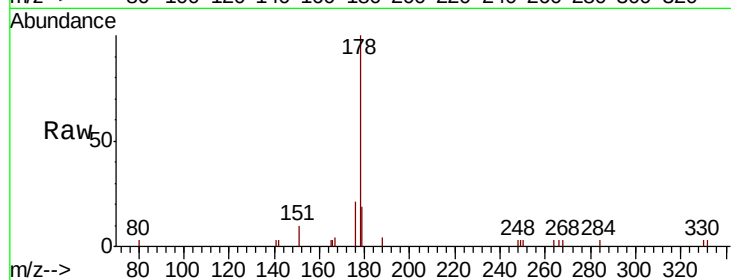
Tot Ion:178 Resp: 3771

Ion Ratio Lower Upper

178 100

176 18.5 14.3 21.5

179 15.0 12.4 18.6



#25

Fluoranthene-d10

Concen: 0.371 ng

RT: 18.82 min Scan# 1824

Delta R.T. -0.04 min

Lab File: BN010159.D

Acq: 10 Mar 2020 13:32

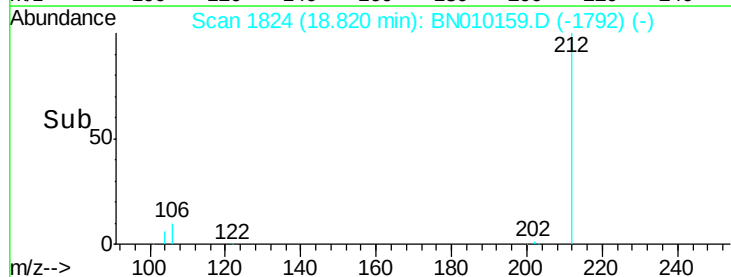
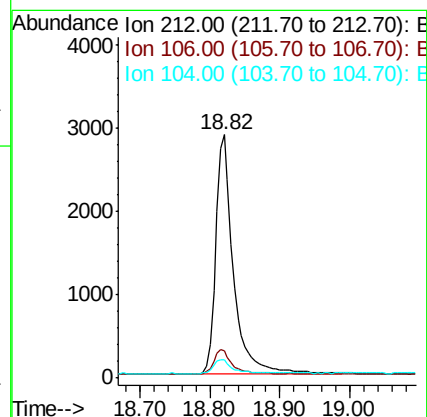
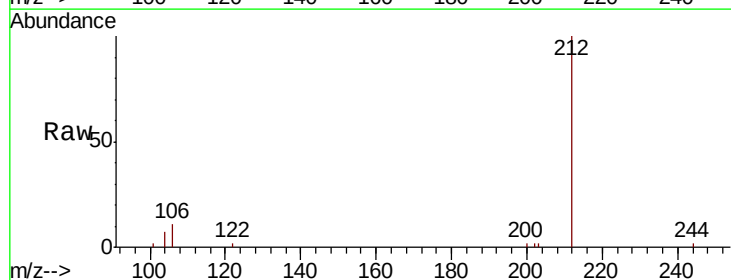
Tgt Ion:212 Resp: 5092

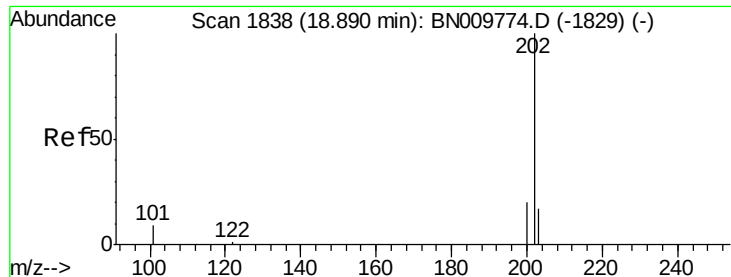
Ion Ratio Lower Upper

212 100

106 10.4 8.4 12.6

104 5.6 4.8 7.2

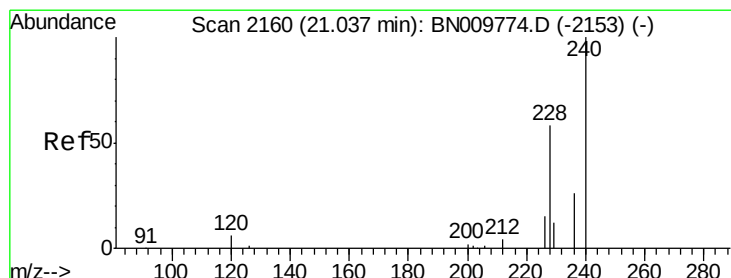
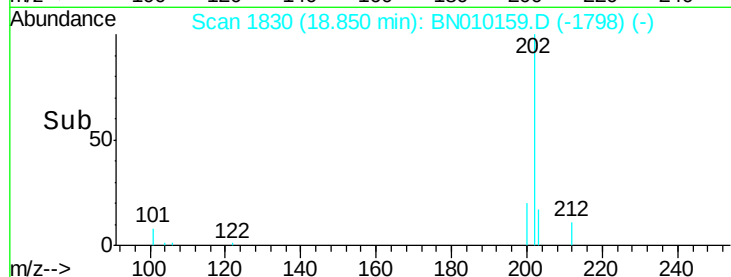
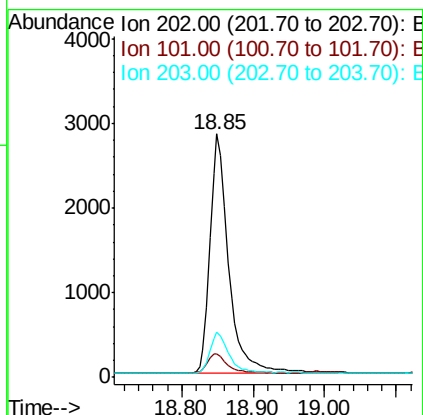
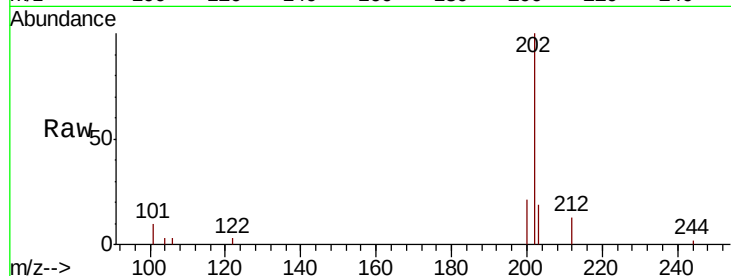




#26
Fluoranthene
Concen: 0.365 ng
RT: 18.85 min Scan# 1830
Delta R.T. -0.04 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

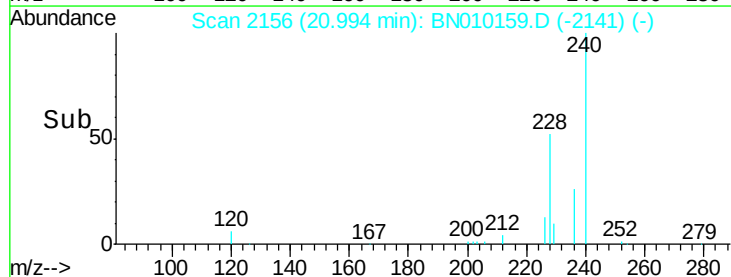
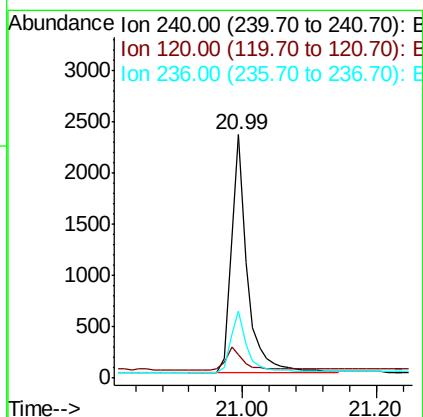
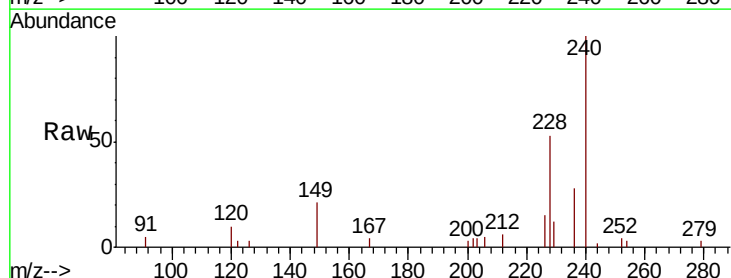
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

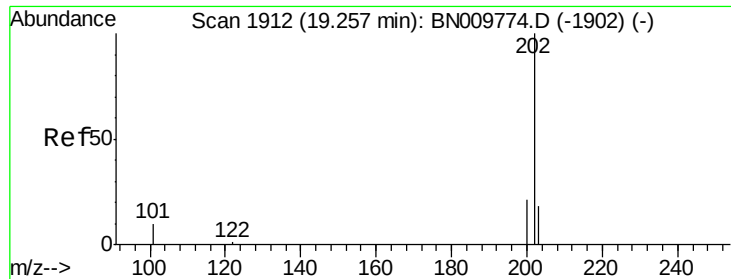
Tot Ion:202 Resp: 5168
Ion Ratio Lower Upper
202 100
101 8.5 7.1 10.7
203 16.6 13.8 20.6



#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.99 min Scan# 2156
Delta R.T. -0.04 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Tgt Ion:240 Resp: 3899
Ion Ratio Lower Upper
240 100
120 9.5 7.9 11.9
236 27.7 22.0 33.0

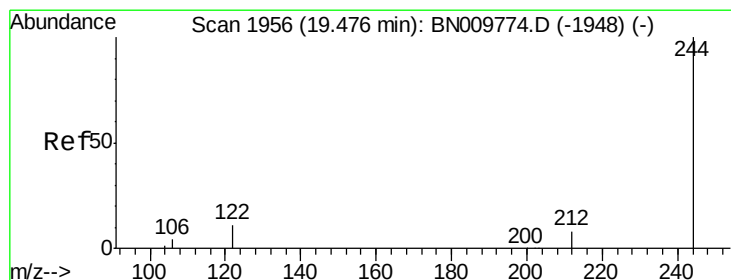
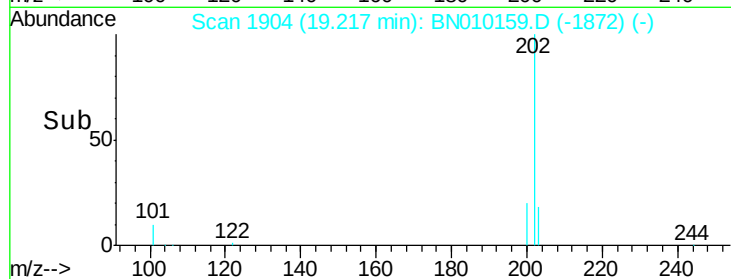
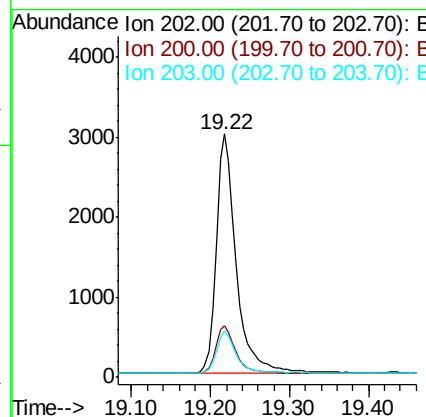
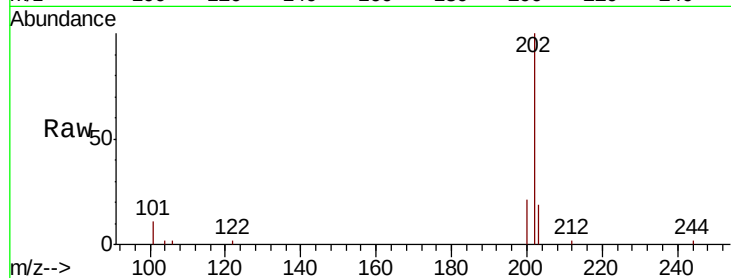




#28
Pvrene
Concen: 0.359 ng
RT: 19.22 min Scan# 1904
Delta R.T. -0.04 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

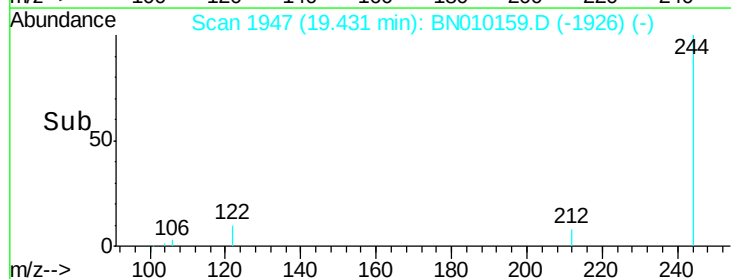
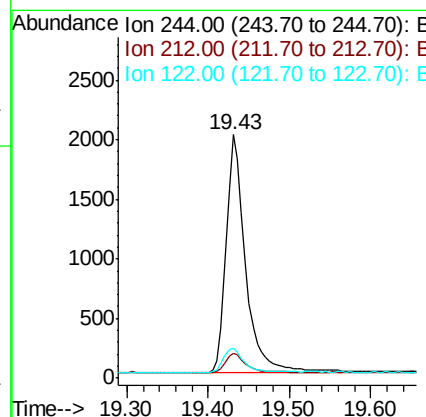
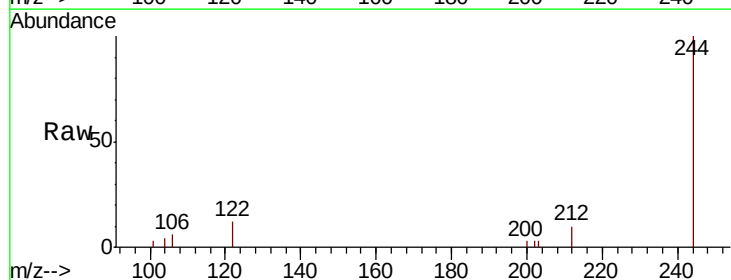
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

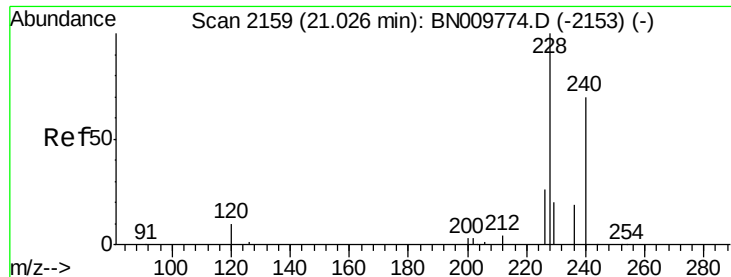
Tot Ion:202 Resp: 5316
Ion Ratio Lower Upper
202 100
200 20.1 16.4 24.6
203 17.3 13.9 20.9



#29
Terphenyl-d14
Concen: 0.355 ng
RT: 19.43 min Scan# 1947
Delta R.T. -0.04 min
Lab File: BN010159.D
Acq: 10 Mar 2020 13:32

Tgt Ion:244 Resp: 3309
Ion Ratio Lower Upper
244 100
212 10.3 8.0 12.0
122 12.5 10.0 15.0





#30

Benzo(a)anthracene

Concen: 0.363 ng

RT: 20.98 min Scan# 2155

Delta R.T. -0.04 min

Lab File: BN010159.D

Acq: 10 Mar 2020 13:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

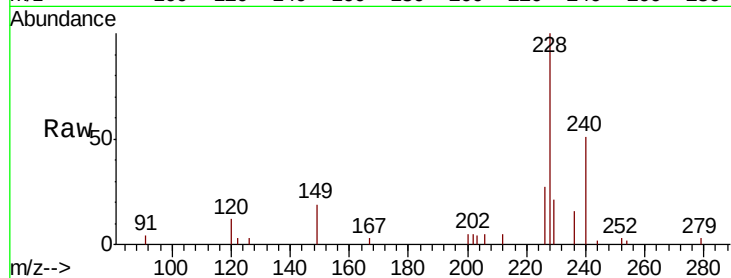
Tot Ion:228 Resp: 4703

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

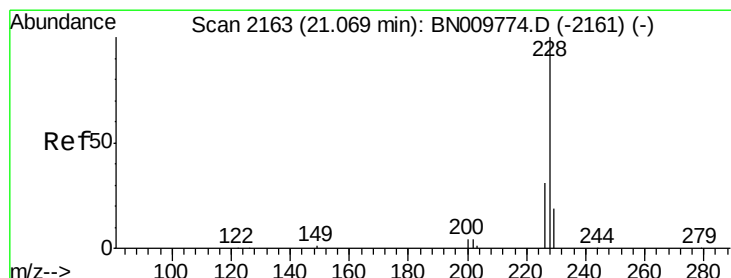
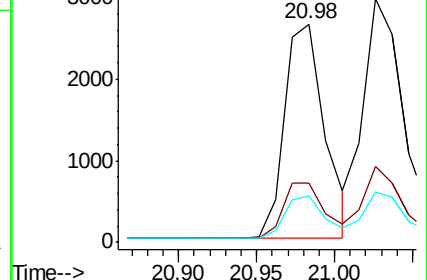
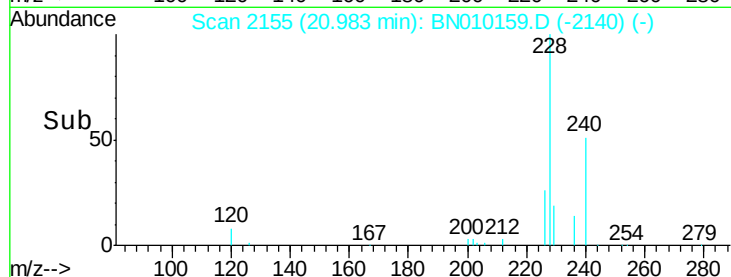
229 21.1 17.1 25.7



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: 0.363 ng

RT: 21.03 min Scan# 2159

Delta R.T. -0.04 min

Lab File: BN010159.D

Acq: 10 Mar 2020 13:32

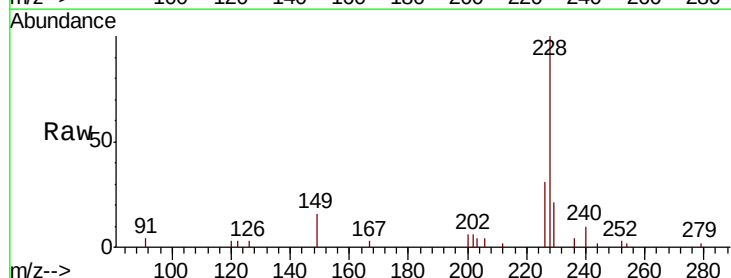
Tgt Ion:228 Resp: 5438

Ion Ratio Lower Upper

228 100

226 31.0 24.8 37.2

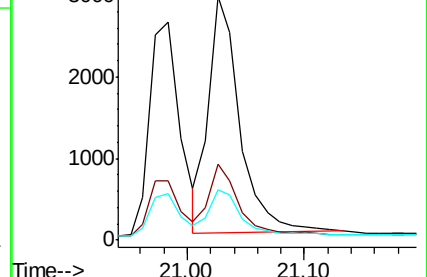
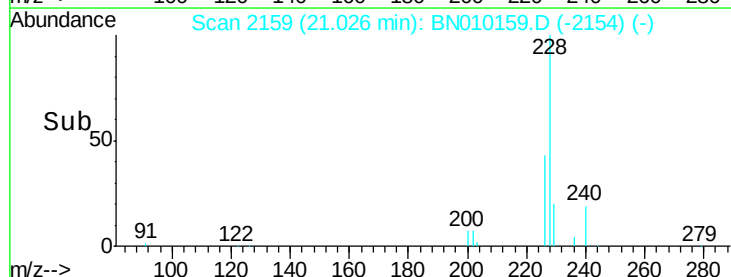
229 20.7 16.4 24.6

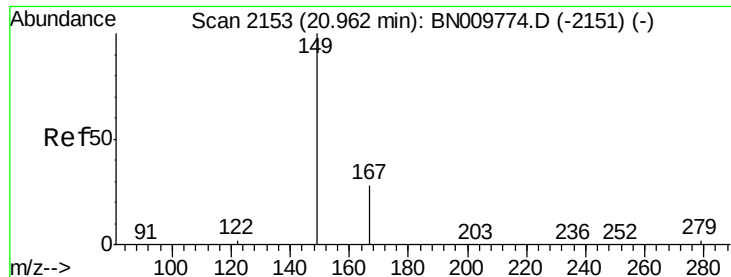


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.489 ng

RT: 20.92 min Scan# 2149

Delta R.T. -0.04 min

Lab File: BN010159.D

Acq: 10 Mar 2020 13:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

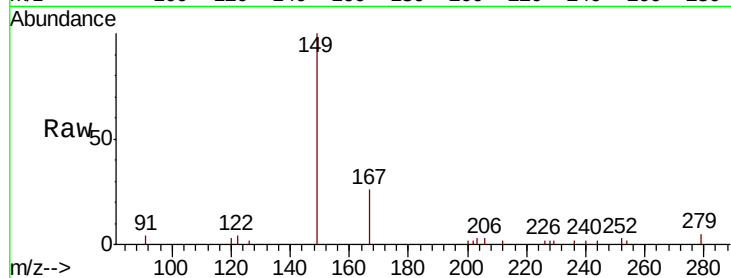
Tot Ion:149 Resp: 3086

Ion Ratio Lower Upper

149 100

167 25.2 22.7 34.1

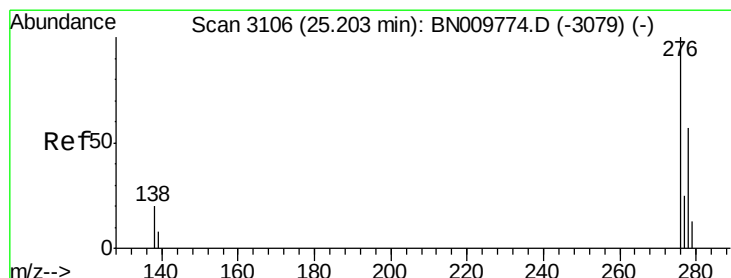
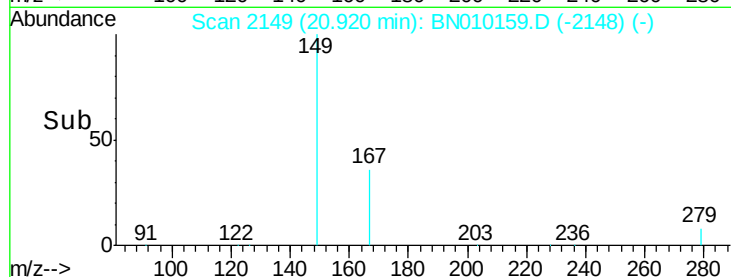
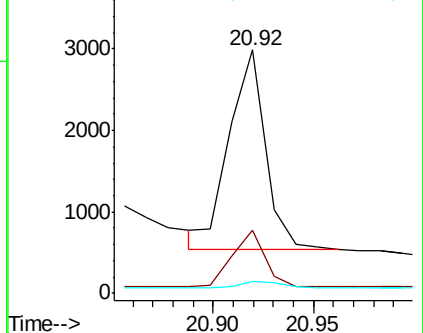
279 4.0 3.1 4.7



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: 0.428 ng

RT: 25.13 min Scan# 3086

Delta R.T. -0.07 min

Lab File: BN010159.D

Acq: 10 Mar 2020 13:32

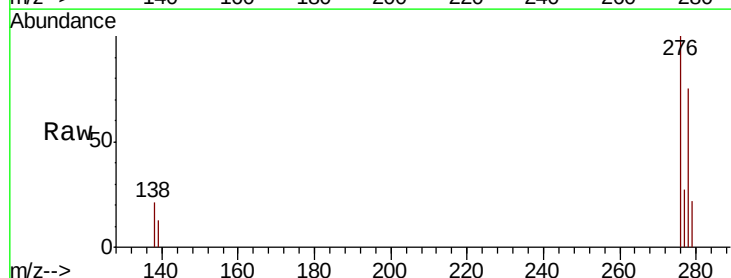
Tgt Ion:276 Resp: 6665

Ion Ratio Lower Upper

276 100

138 18.9 15.8 23.6

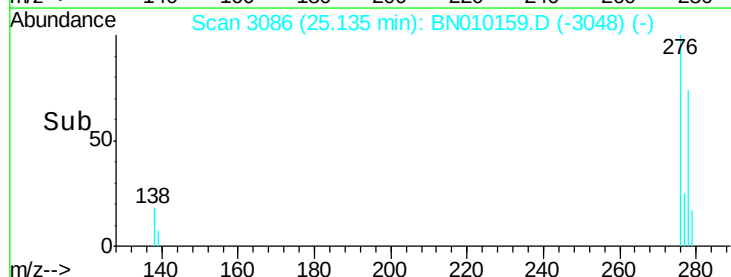
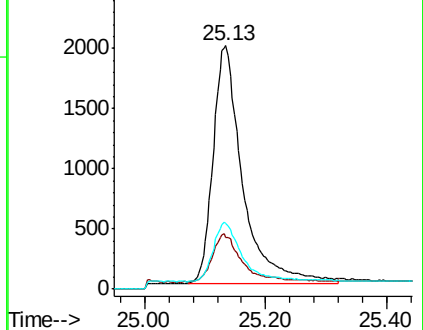
277 23.3 19.3 28.9

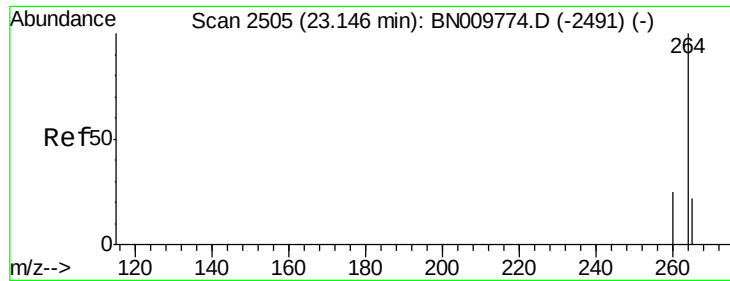


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

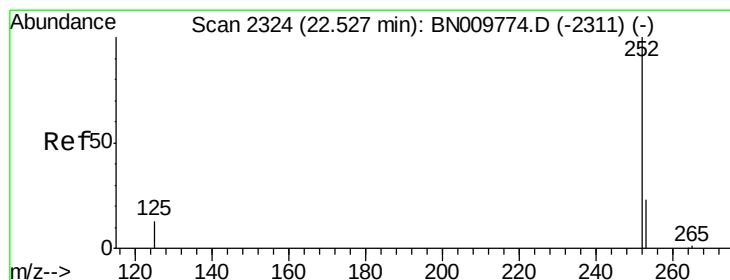
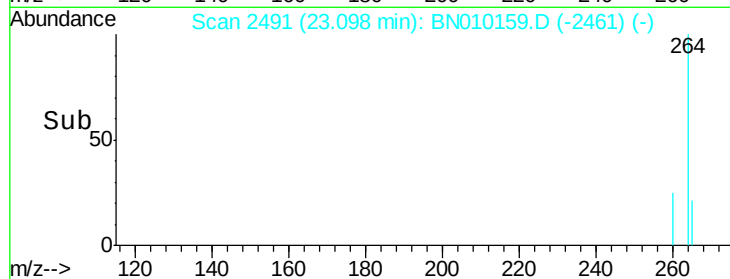
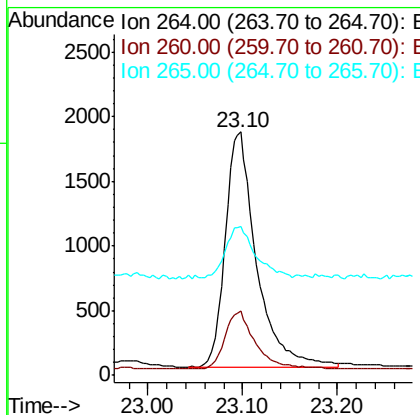
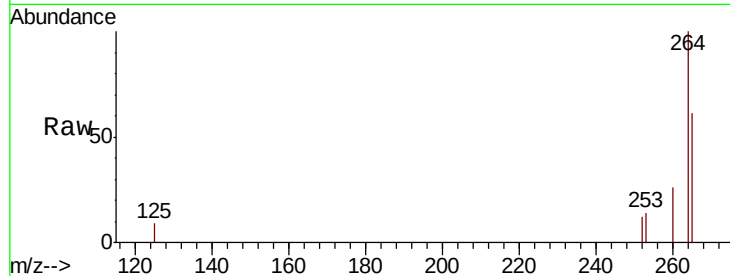




#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.10 min Scan# 2491
 Delta R.T. -0.05 min
 Lab File: BN010159.D
 Acq: 10 Mar 2020 13:32

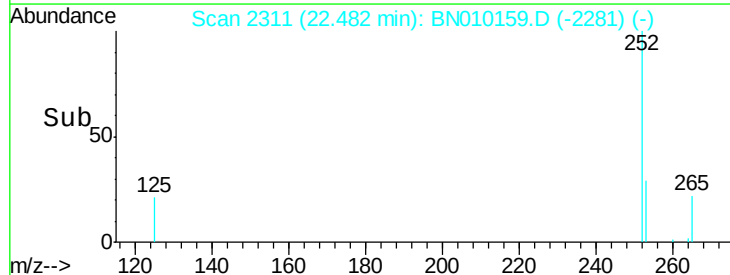
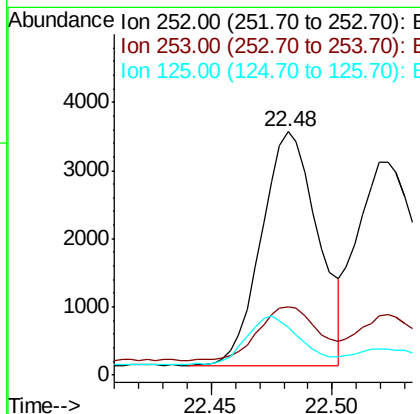
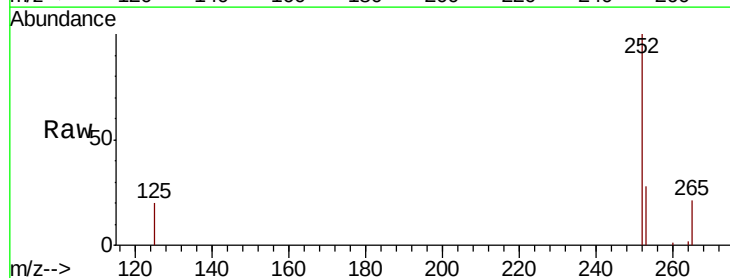
Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

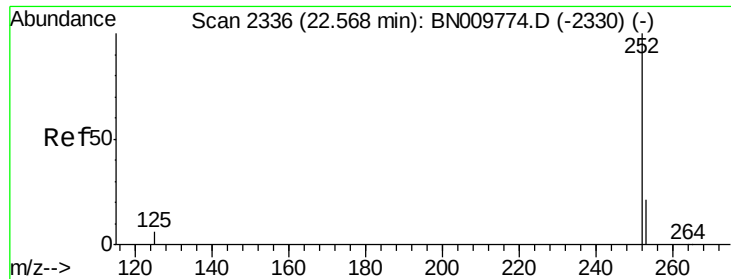
Tot Ion:264 Resp: 4168
 Ion Ratio Lower Upper
 264 100
 260 26.4 21.1 31.7
 265 61.0 57.5 86.3



#35
 Benzo(b)fluoranthene
 Concen: 0.365 ng
 RT: 22.48 min Scan# 2311
 Delta R.T. -0.04 min
 Lab File: BN010159.D
 Acq: 10 Mar 2020 13:32

Tgt Ion:252 Resp: 5566
 Ion Ratio Lower Upper
 252 100
 253 28.3 23.0 34.6
 125 19.9 14.4 21.6





#36

Benzo(k)fluoranthene

Concen: 0.352 ng

RT: 22.52 min Scan# 2323

Delta R.T. -0.04 min

Lab File: BN010159.D

Acq: 10 Mar 2020 13:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

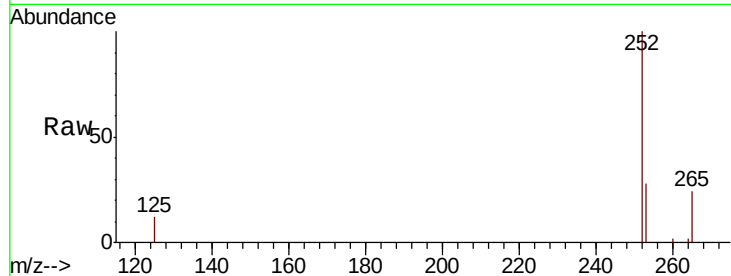
Tot Ion:252 Resp: 5847

Ion Ratio Lower Upper

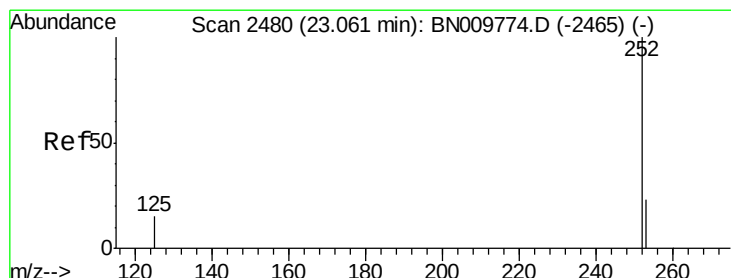
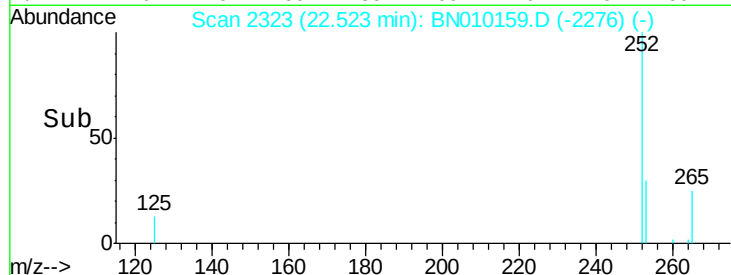
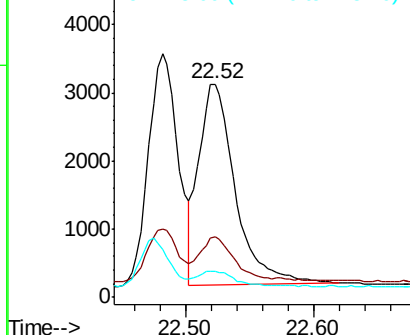
252 100

253 28.4 22.2 33.2

125 12.4 10.5 15.7



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: 0.388 ng

RT: 23.01 min Scan# 2465

Delta R.T. -0.05 min

Lab File: BN010159.D

Acq: 10 Mar 2020 13:32

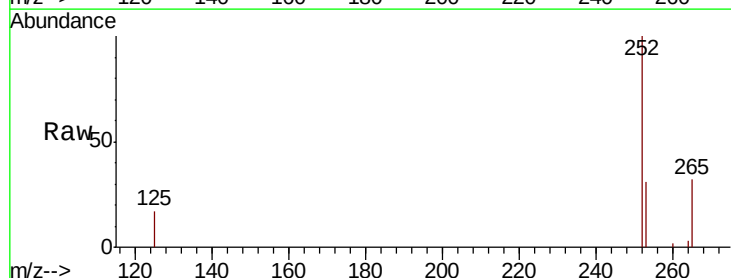
Tgt Ion:252 Resp: 5393

Ion Ratio Lower Upper

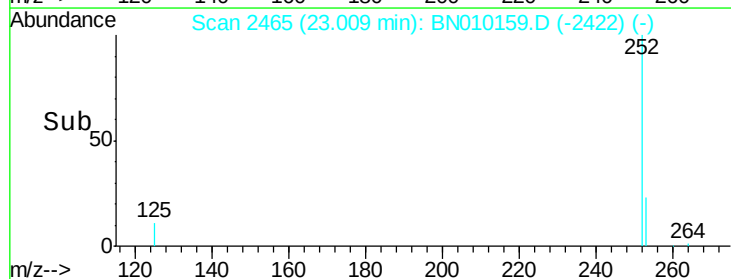
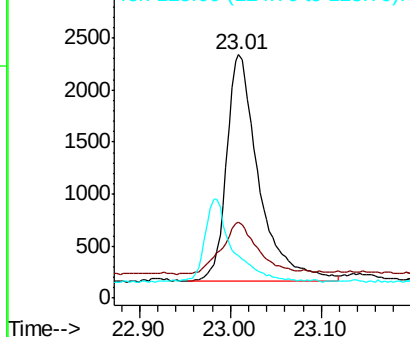
252 100

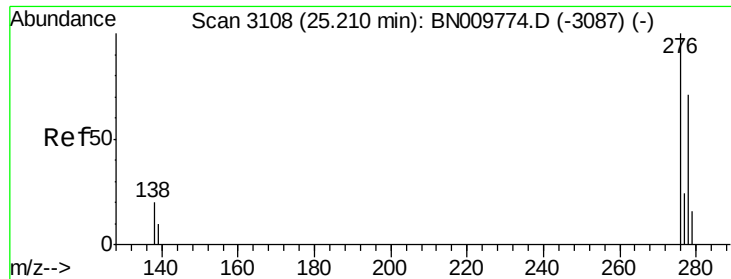
253 31.4 25.3 37.9

125 17.3 17.7 26.5#



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: 0.378 ng

RT: 25.13 min Scan# 3085

Delta R.T. -0.08 min

Lab File: BN010159.D

Acq: 10 Mar 2020 13:32

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

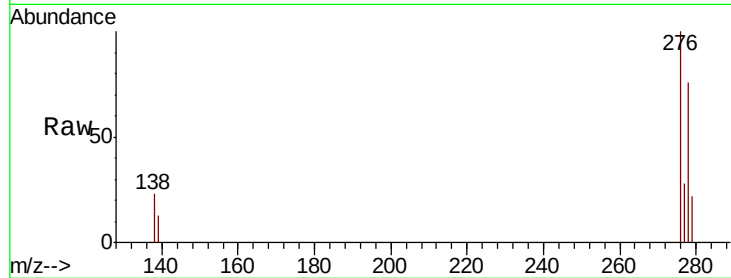
Tot Ion:278 Resp: 5181

Ion Ratio Lower Upper

278 100

139 17.8 14.5 21.7

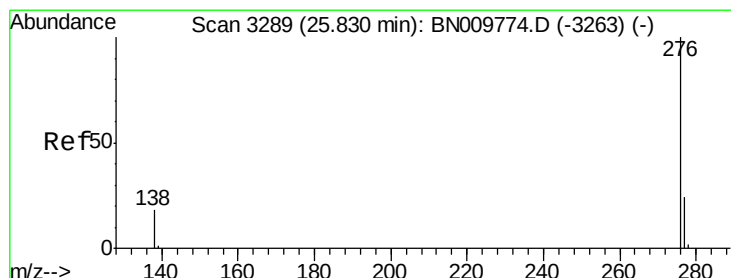
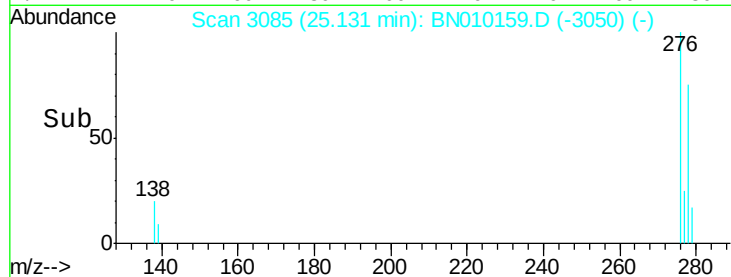
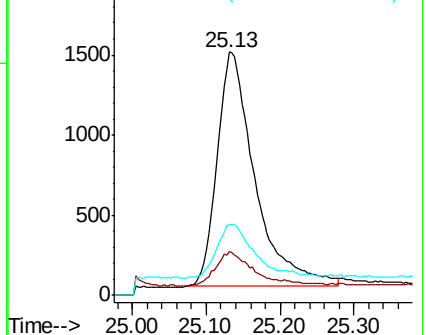
279 29.0 24.3 36.5



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(g,h,i)perylene

Concen: 0.391 ng

RT: 25.75 min Scan# 3266

Delta R.T. -0.08 min

Lab File: BN010159.D

Acq: 10 Mar 2020 13:32

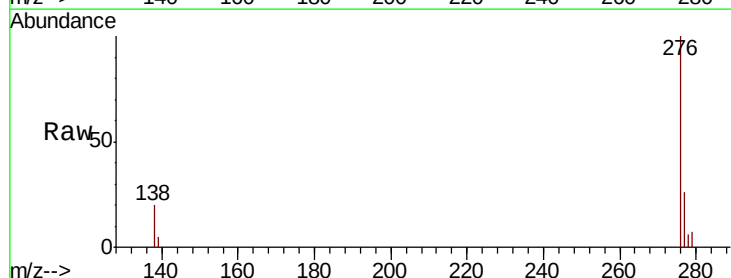
Tgt Ion:276 Resp: 5705

Ion Ratio Lower Upper

276 100

277 26.2 21.4 32.0

138 20.3 16.6 24.8



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

