

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
 Data File : BN010174.D
 Acq On : 11 Mar 2020 03:55
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 16 04:28:01 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 Mar 11 17:37:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	821	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	2404	0.40	ng	0.01
13) Acenaphthene-d10	14.00	164	1490	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	3054	0.40	ng	0.01
27) Chrysene-d12	20.99	240	3021	0.40	ng	0.00
34) Perylene-d12	23.10	264	3213	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	709	0.39	ng	0.00
5) Phenol-d6	6.62	99	874	0.39	ng	0.02
8) Nitrobenzene-d5	8.58	82	780	0.39	ng	0.03
11) 2-Methylnaphthalene-d10	11.74	152	1975	0.42	ng	0.01
14) 2,4,6-Tribromophenol	15.55	330	221	0.39	ng	0.01
15) 2-Fluorobiphenyl	12.64	172	2448	0.44	ng	0.01
25) Fluoranthene-d10	18.83	212	4181	0.40	ng	0.00
29) Terphenyl-d14	19.44	244	2920	0.40	ng	0.01

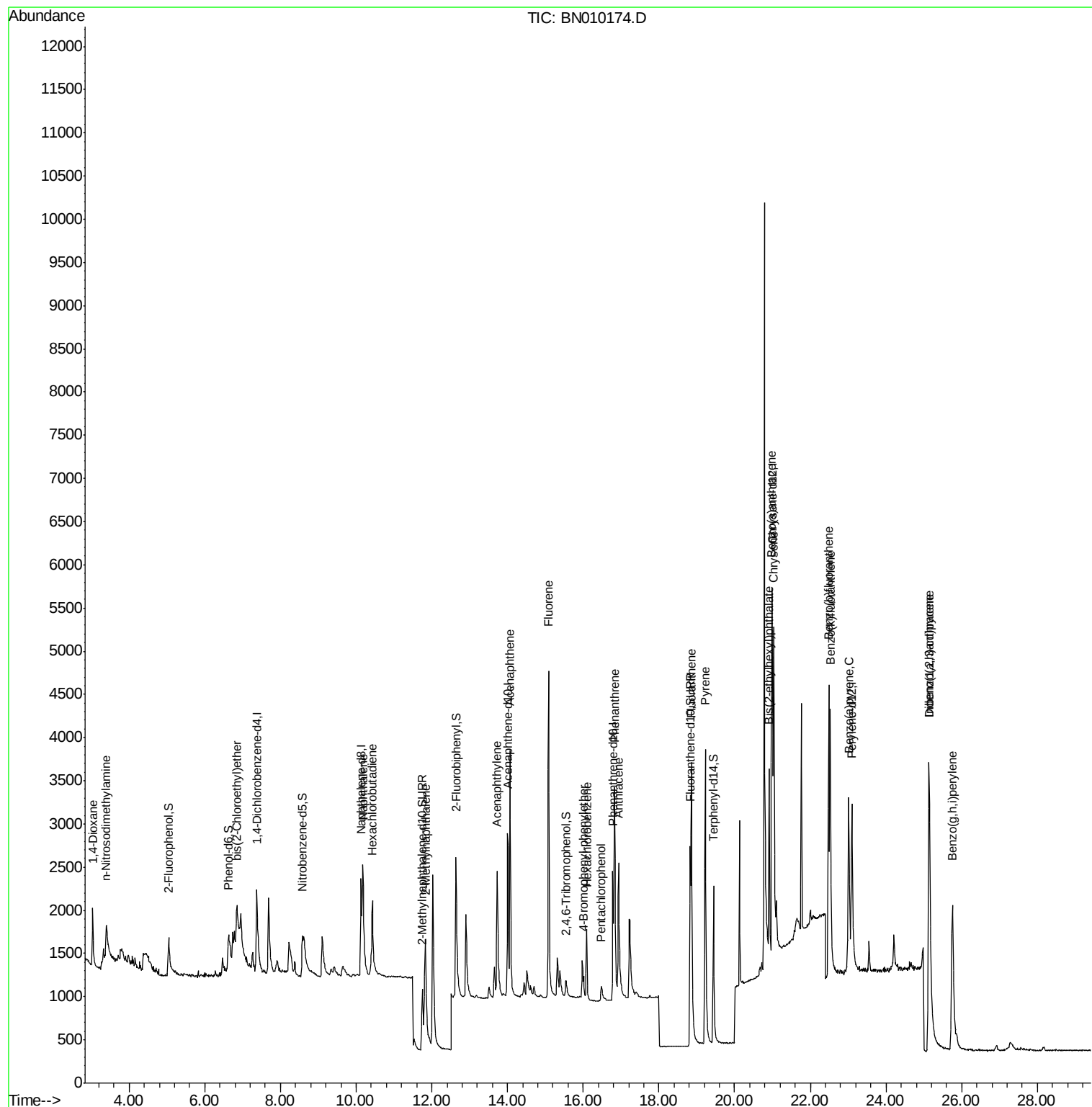
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.04	88	334	0.397	ng	94
3) n-Nitrosodimethylamine	3.40	42	620	0.449	ng	# 93
6) bis(2-Chloroethyl)ether	6.85	93	1049	0.486	ng	90
9) Naphthalene	10.18	128	2671	0.407	ng	95
10) Hexachlorobutadiene	10.43	225	637	0.442	ng	# 100
12) 2-Methylnaphthalene	11.83	142	1971	0.438	ng	96
16) Acenaphthylene	13.72	152	2474	0.389	ng	99
17) Acenaphthene	14.07	154	1775	0.397	ng	99
18) Fluorene	15.08	166	2233	0.379	ng	98
20) 4-Bromophenyl-phenylether	16.01	248	331	0.065	ng	92
21) Hexachlorobenzene	16.09	284	821	0.432	ng	97
22) Pentachlorophenol	16.48	266	175	0.453	ng	93
23) Phenanthrene	16.83	178	3502	0.385	ng	100
24) Anthracene	16.93	178	3028	0.394	ng	99
26) Fluoranthene	18.85	202	4326	0.398	ng	99
28) Pyrene	19.22	202	4943	0.431	ng	98
30) Benzo(a)anthracene	20.98	228	3543	0.353	ng	99
31) Chrysene	21.03	228	4877	0.420	ng	99
32) Bis(2-ethylhexyl)phthalate	20.91	149	2188	0.447	ng	95
33) Indeno(1,2,3-cd)pyrene	25.14	276	5390	0.446	ng	97
35) Benzo(b)fluoranthene	22.49	252	4556	0.388	ng	# 95
36) Benzo(k)fluoranthene	22.53	252	5210	0.407	ng	99
37) Benzo(a)pyrene	23.02	252	4262	0.398	ng	# 93
38) Dibenzo(a,h)anthracene	25.14	278	4255	0.403	ng	99
39) Benzo(g,h,i)perylene	25.76	276	4789	0.426	ng	98

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

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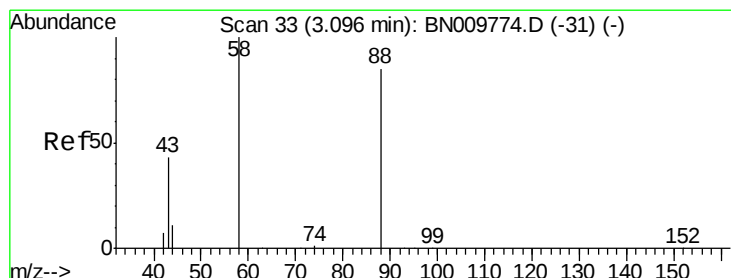
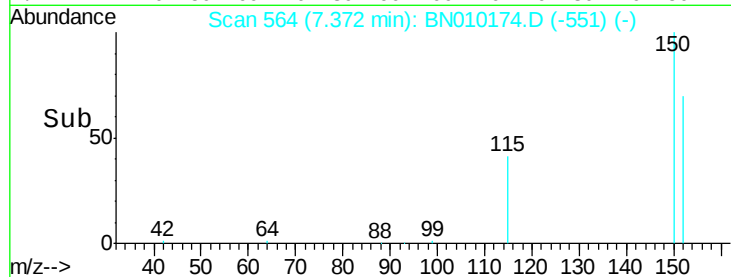
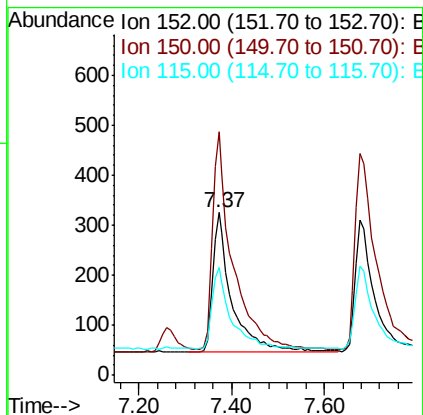
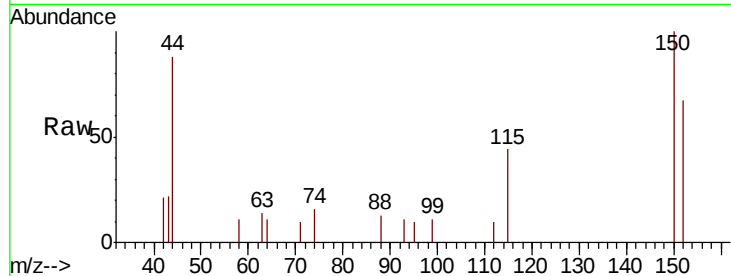


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 564
Delta R.T. 0.01 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

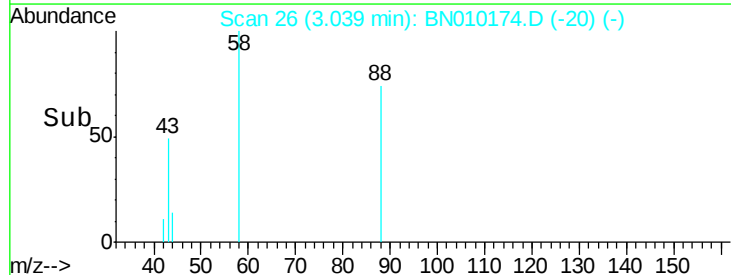
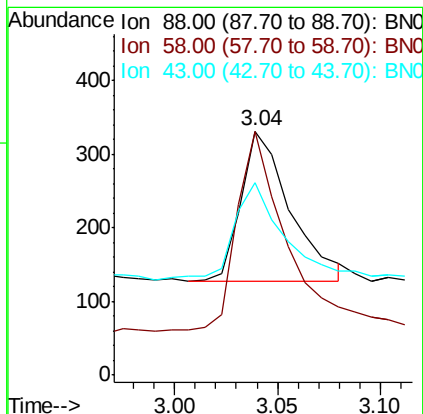
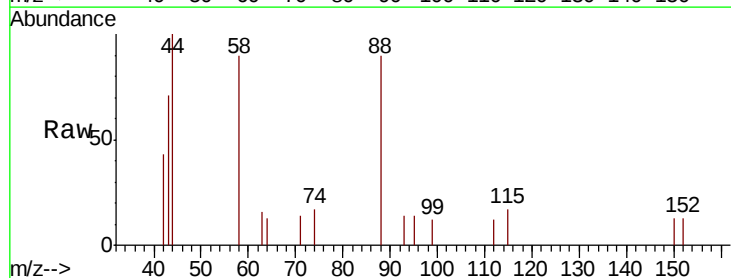
Tot Ion:152 Resp: 821
Ion Ratio Lower Upper
152 100
150 149.8 120.6 181.0
115 66.2 51.2 76.8



#2

1,4-Dioxane
Concen: 0.397 ng
RT: 3.04 min Scan# 26
Delta R.T. 0.00 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Tgt Ion: 88 Resp: 334
Ion Ratio Lower Upper
88 100
58 129.9 97.8 146.8
43 58.4 45.1 67.7



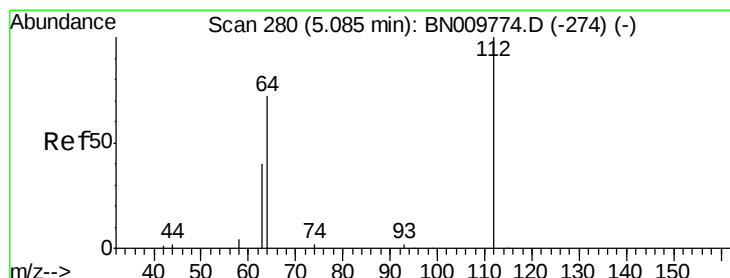
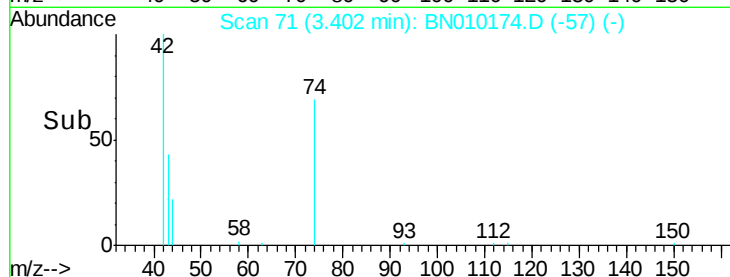
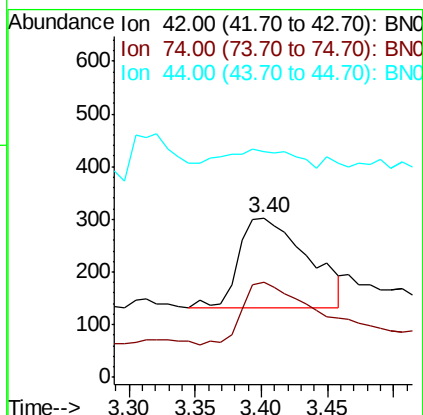
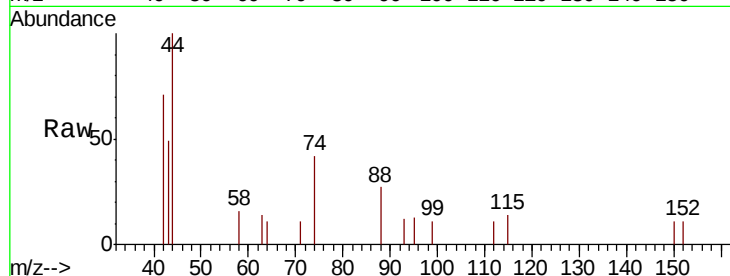


#3

n-Nitrosodimethylamine
 Concen: 0.449 ng
 RT: 3.40 min Scan# 71
 Delta R.T. 0.02 min
 Lab File: BN010174.D
 Acq: 11 Mar 2020 03:55

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

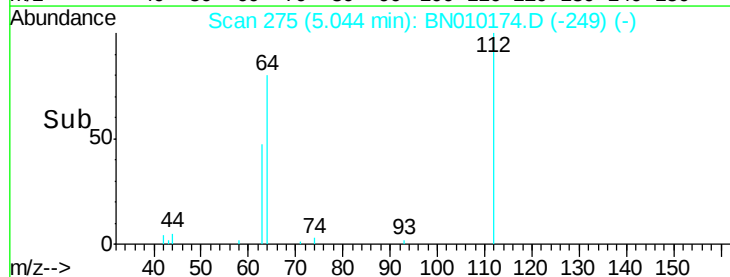
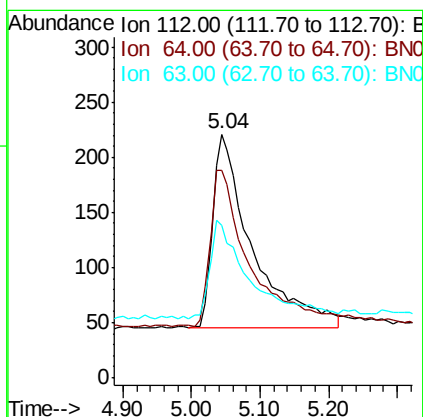
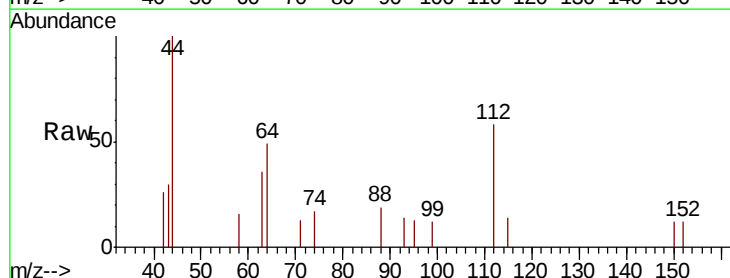
Tot Ion: 42 Resp: 620
 Ion Ratio Lower Upper
 42 100
 74 67.4 51.2 76.8
 44 21.1 2.6 4.0#

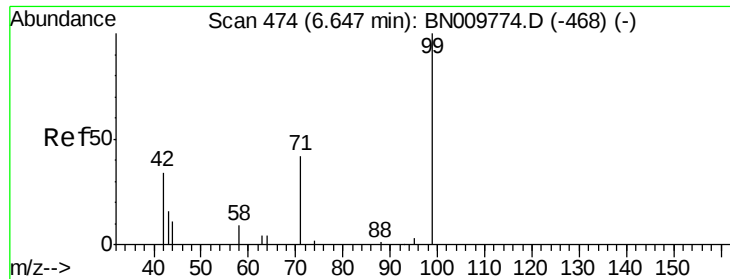


#4

2-Fluorophenol
 Concen: 0.388 ng
 RT: 5.04 min Scan# 275
 Delta R.T. 0.01 min
 Lab File: BN010174.D
 Acq: 11 Mar 2020 03:55

Tgt Ion: 112 Resp: 709
 Ion Ratio Lower Upper
 112 100
 64 80.7 65.8 98.6
 63 52.5 38.7 58.1





#5

Phenol-d6

Concen: 0.393 ng

RT: 6.62 min Scan# 471

Delta R.T. 0.02 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

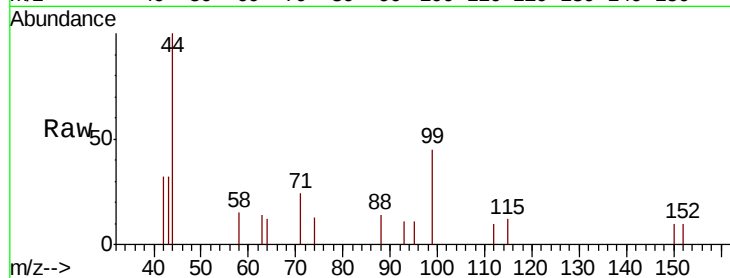
Tot Ion: 99 Resp: 874

Ion Ratio Lower Upper

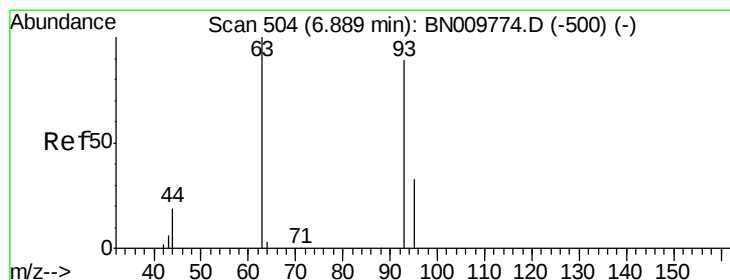
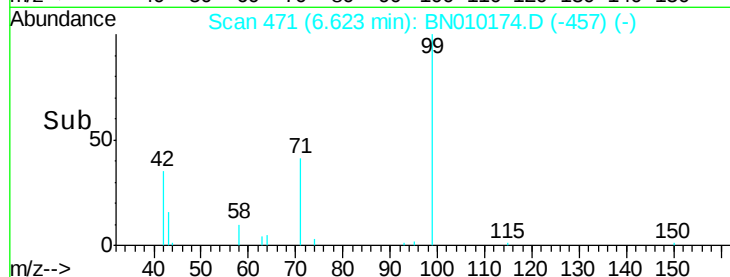
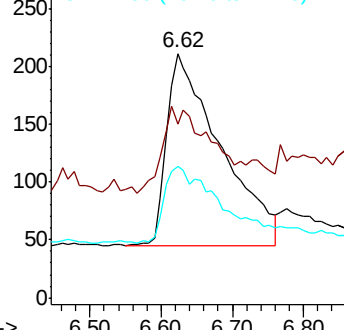
99 100

42 43.2 30.8 46.2

71 44.2 34.9 52.3



Abundance Ion 99.00 (98.70 to 99.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 71.00 (70.70 to 71.70): BN0



#6

bis(2-Chloroethyl)ether

Concen: 0.486 ng

RT: 6.85 min Scan# 499

Delta R.T. 0.02 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

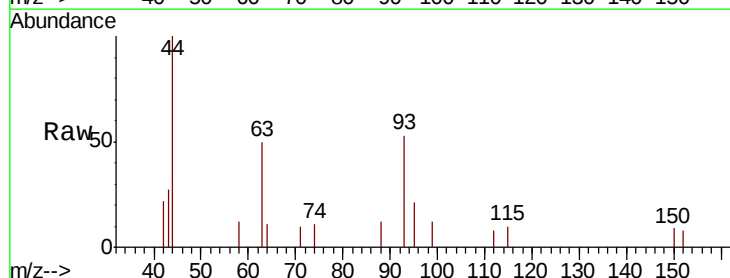
Tgt Ion: 93 Resp: 1049

Ion Ratio Lower Upper

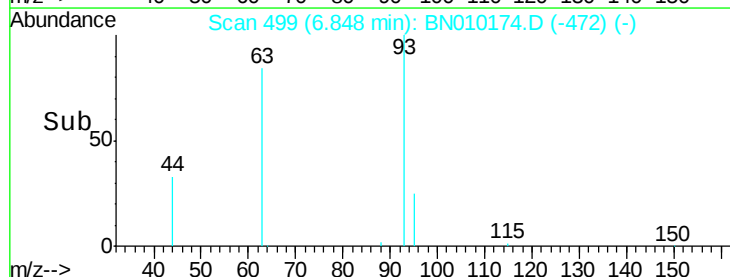
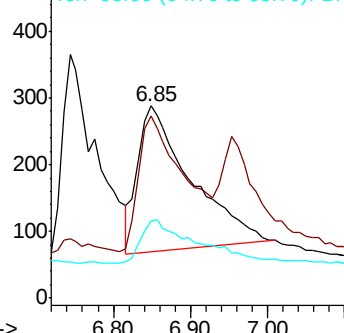
93 100

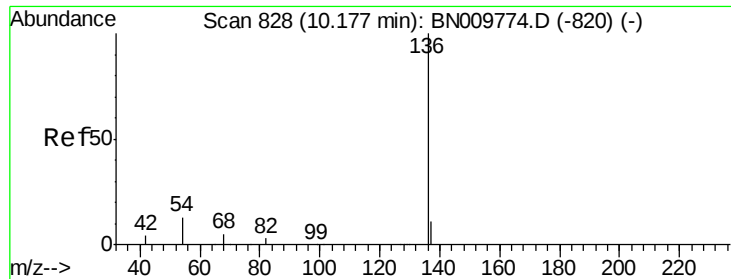
63 80.7 74.0 111.0

95 30.5 26.7 40.1



Abundance Ion 93.00 (92.70 to 93.70): BN0
Ion 63.00 (62.70 to 63.70): BN0
Ion 95.00 (94.70 to 95.70): BN0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 824

Delta R.T. 0.01 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 2404

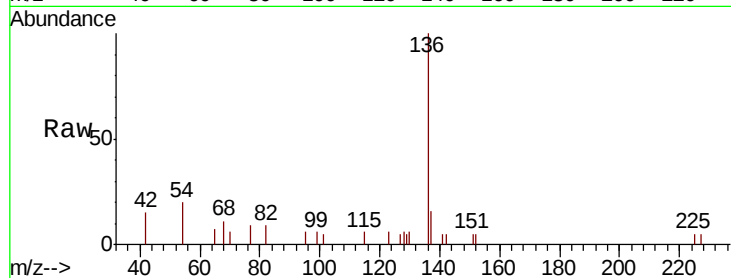
Ion Ratio Lower Upper

136 100

137 16.4 11.3 16.9

54 20.4 13.4 20.2#

68 11.0 7.0 10.4#

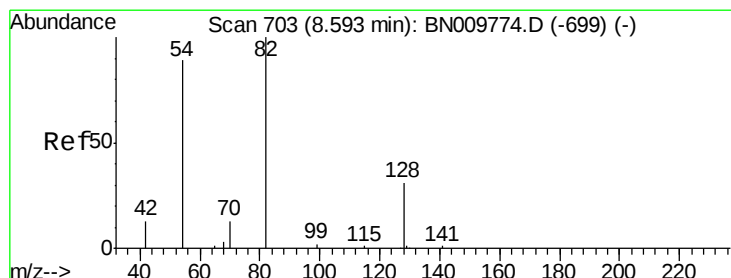
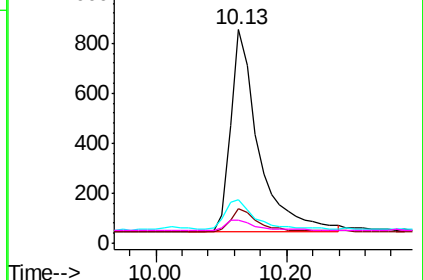
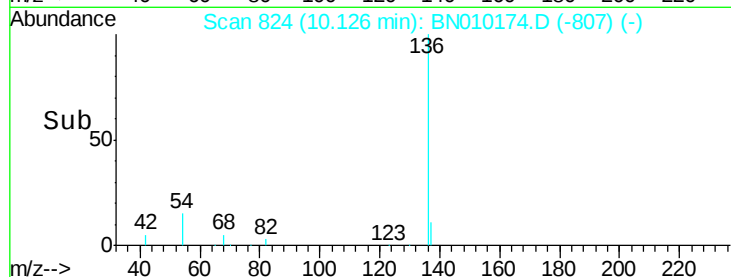


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.390 ng

RT: 8.58 min Scan# 702

Delta R.T. 0.03 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

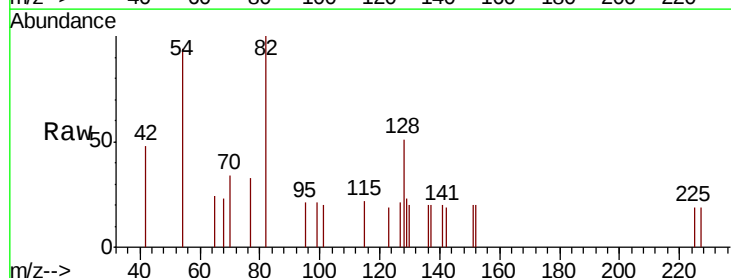
Tgt Ion: 82 Resp: 780

Ion Ratio Lower Upper

82 100

128 51.3 32.5 48.7#

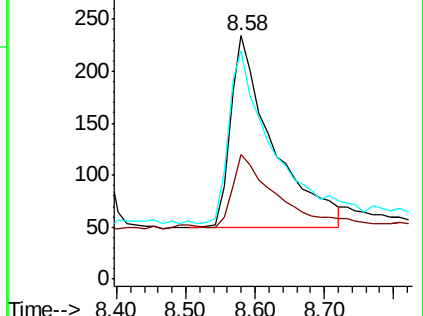
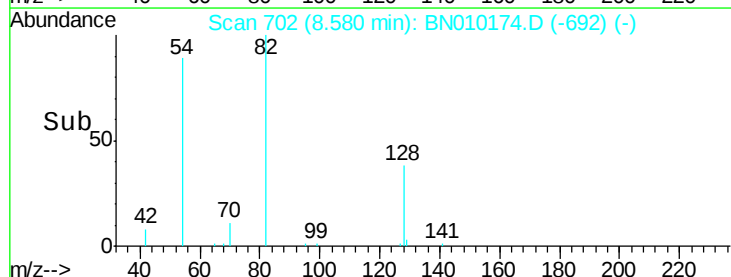
54 94.0 73.5 110.3



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: 0.407 ng

RT: 10.18 min Scan# 828

Delta R.T. 0.01 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

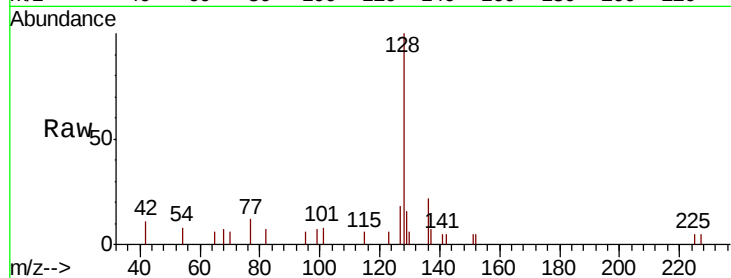
Tot Ion:128 Resp: 2671

Ion Ratio Lower Upper

128 100

129 15.6 11.1 16.7

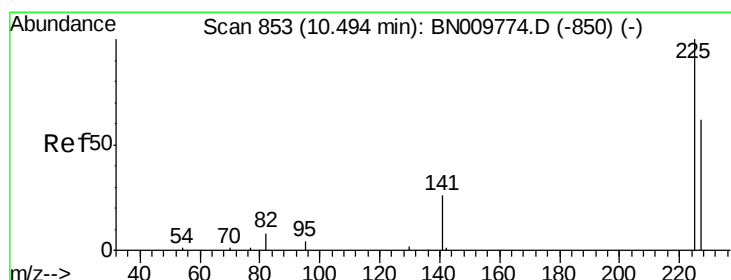
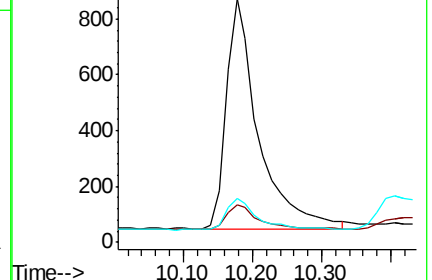
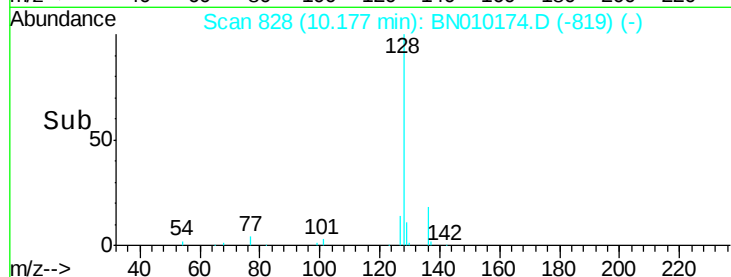
127 18.0 12.6 19.0



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: 0.442 ng

RT: 10.43 min Scan# 848

Delta R.T. 0.00 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

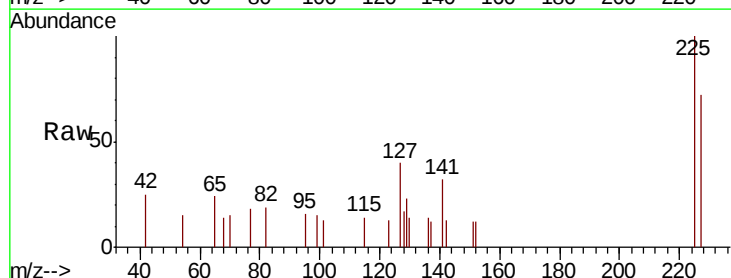
Tgt Ion:225 Resp: 637

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

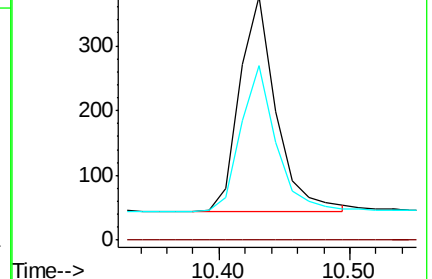
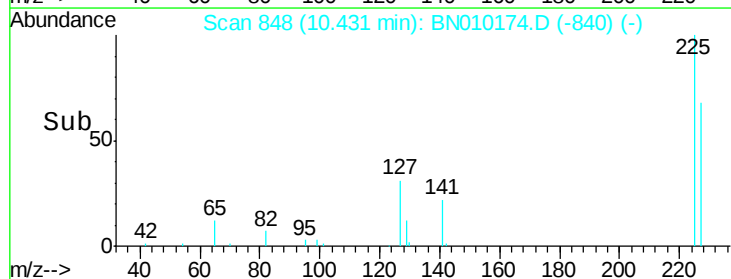
227 66.7 53.4 80.2



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: 0.425 ng

RT: 11.74 min Scan# 986

Delta R.T. 0.01 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA_N

ClientSampleId :

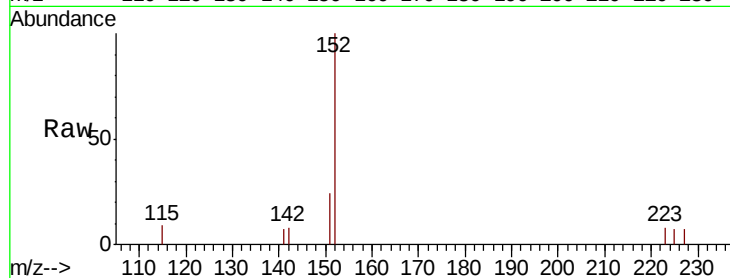
SSTDCCC0.4

Tot Ion:152 Resp: 1975

Ion Ratio Lower Upper

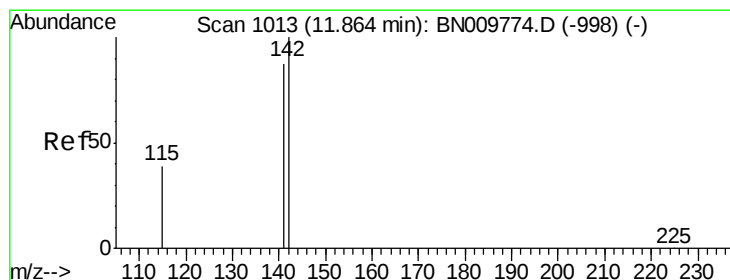
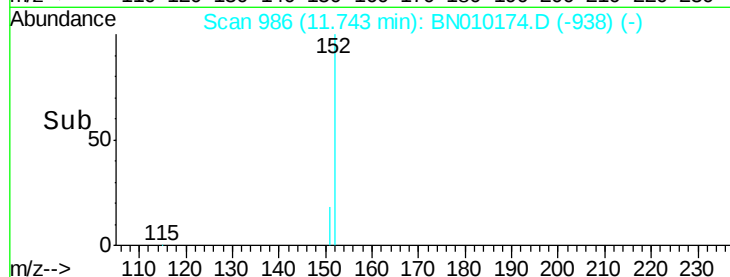
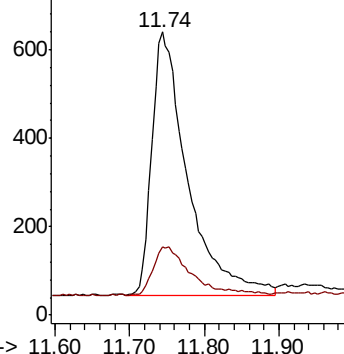
152 100

151 19.2 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: 0.438 ng

RT: 11.83 min Scan# 1006

Delta R.T. 0.03 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

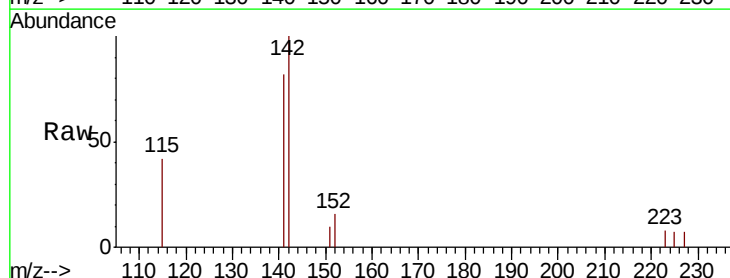
Tgt Ion:142 Resp: 1971

Ion Ratio Lower Upper

142 100

141 82.3 69.8 104.6

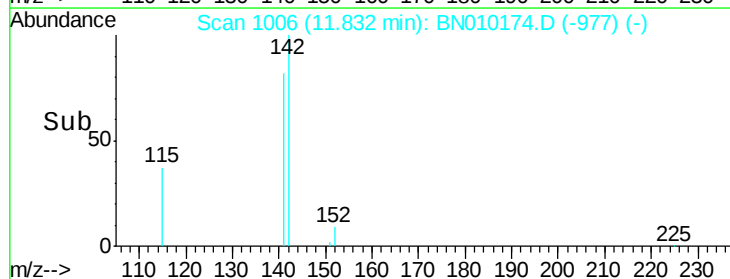
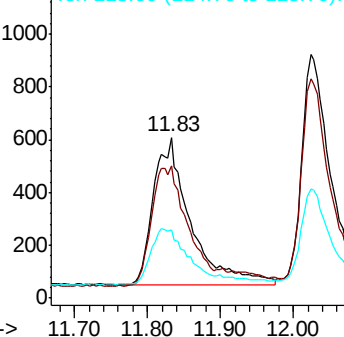
115 42.4 34.6 52.0



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. 0.00 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

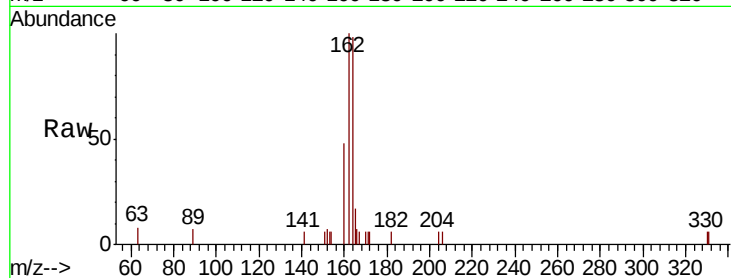
Tot Ion:164 Resp: 1490

Ion Ratio Lower Upper

164 100

162 102.2 79.9 119.9

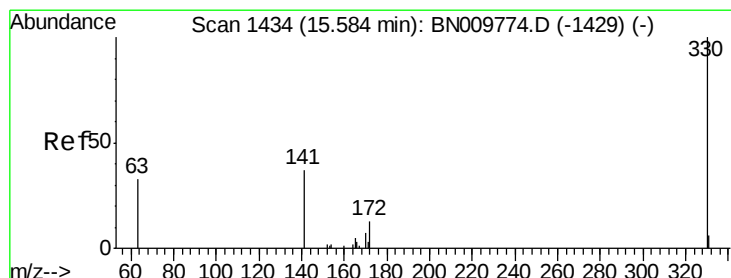
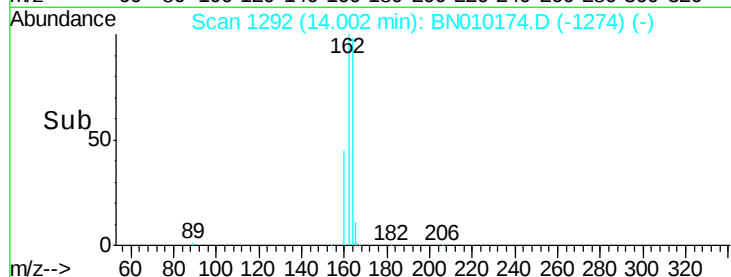
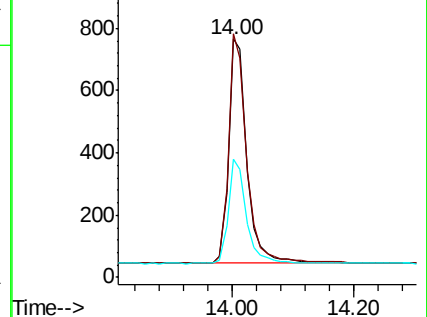
160 49.4 38.2 57.2



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: 0.385 ng

RT: 15.55 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

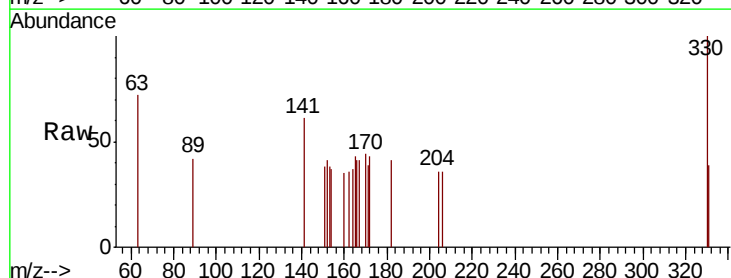
Tgt Ion:330 Resp: 221

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

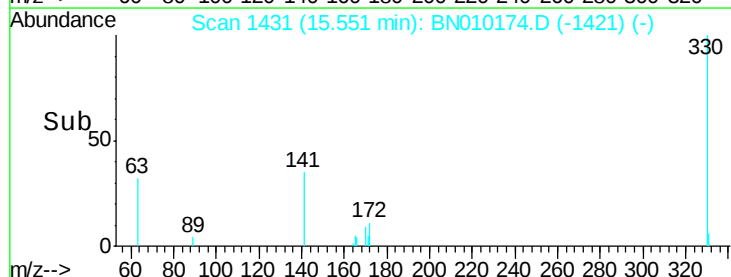
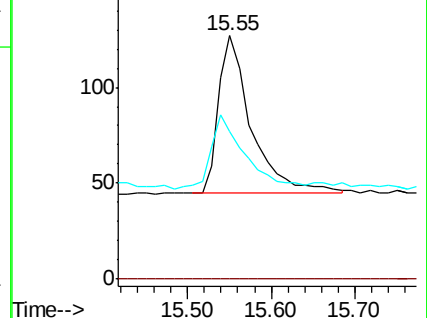
141 49.8 36.8 55.2



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

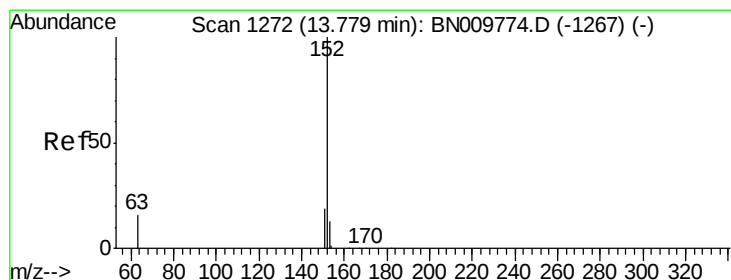
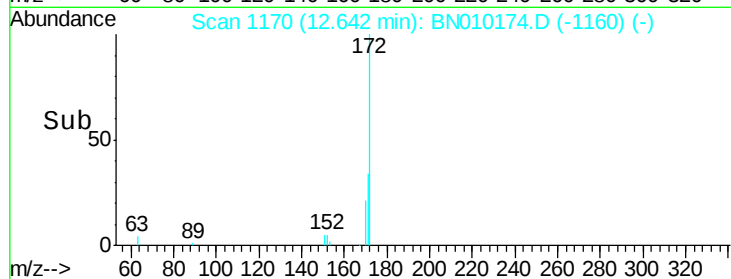
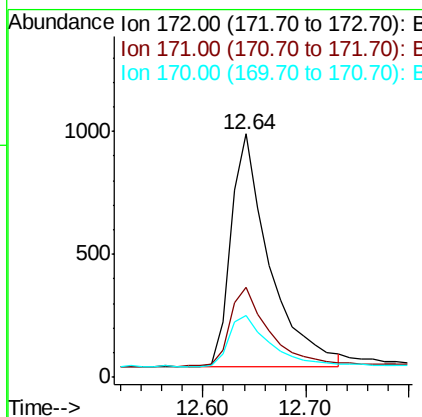
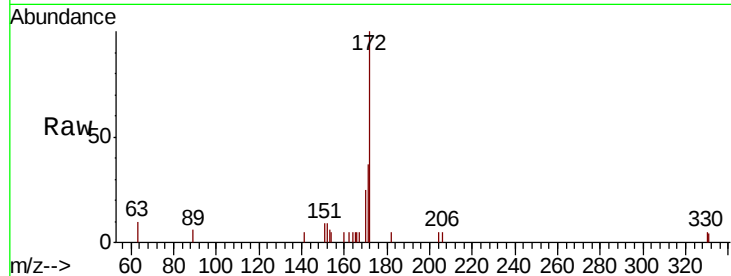




#15
2-Fluorobiphenyl
Concen: 0.435 ng
RT: 12.64 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

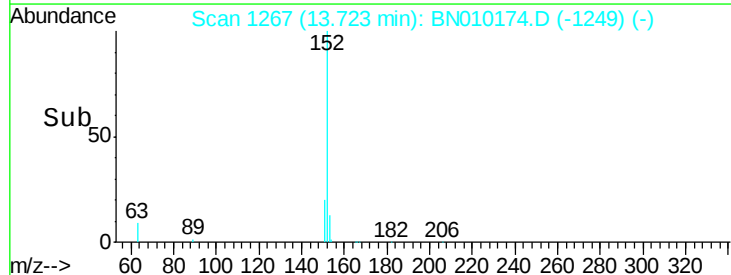
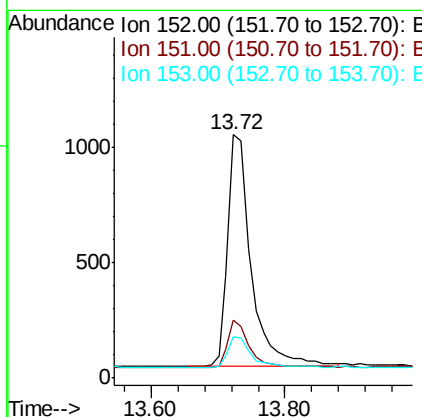
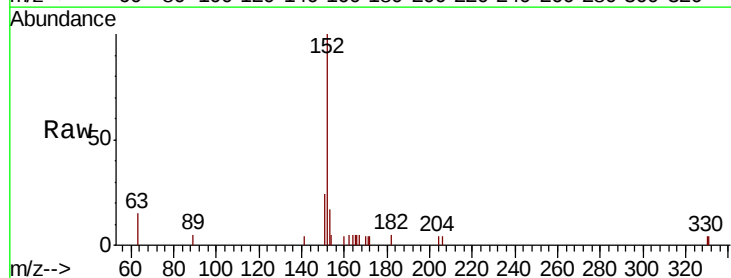
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

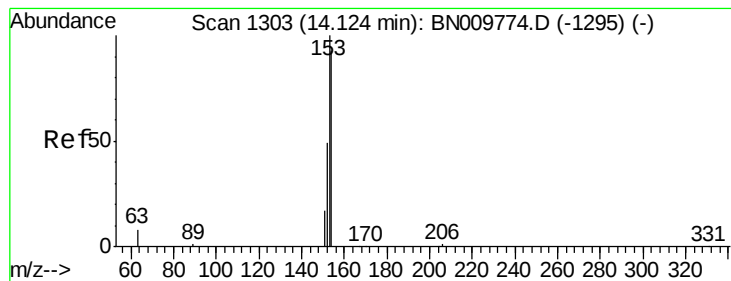
Tot Ion:172 Resp: 2448
Ion Ratio Lower Upper
172 100
171 37.1 28.7 43.1
170 25.2 20.1 30.1



#16
Acenaphthylene
Concen: 0.389 ng
RT: 13.72 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BN010174.D
Acq: 11 Mar 2020 03:55

Tgt Ion:152 Resp: 2474
Ion Ratio Lower Upper
152 100
151 18.8 15.8 23.6
153 13.1 10.2 15.4





#17

Acenaphthene

Concen: 0.397 ng

RT: 14.07 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

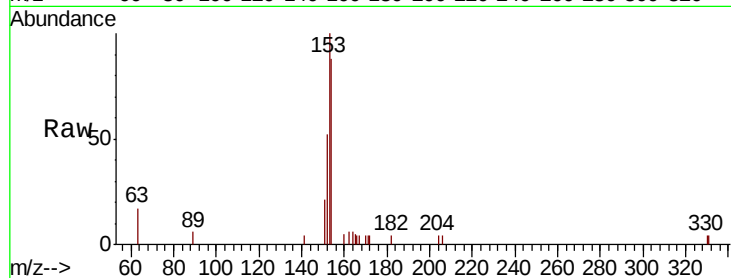
Tot Ion:154 Resp: 1775

Ion Ratio Lower Upper

154 100

153 112.8 88.9 133.3

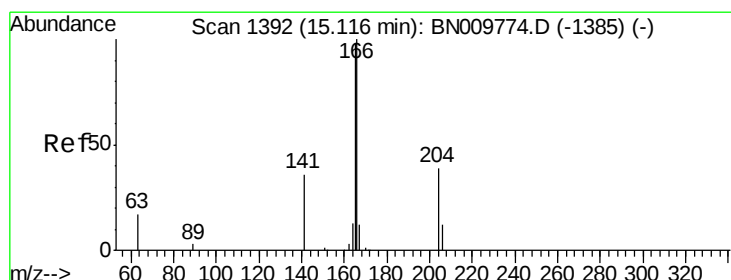
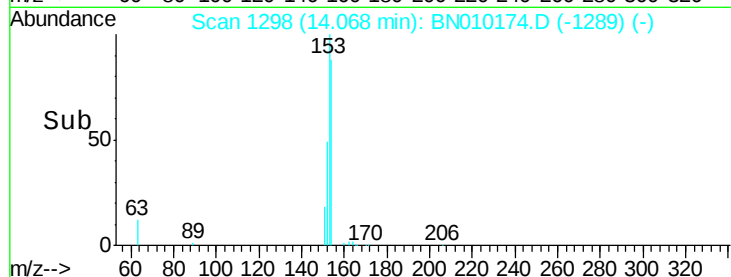
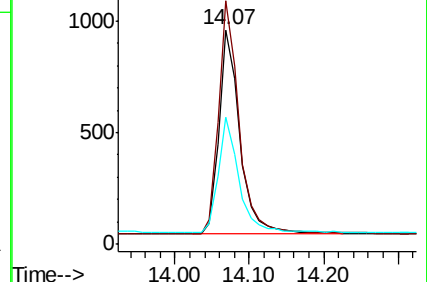
152 55.3 44.2 66.2



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: 0.379 ng

RT: 15.08 min Scan# 1389

Delta R.T. 0.01 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

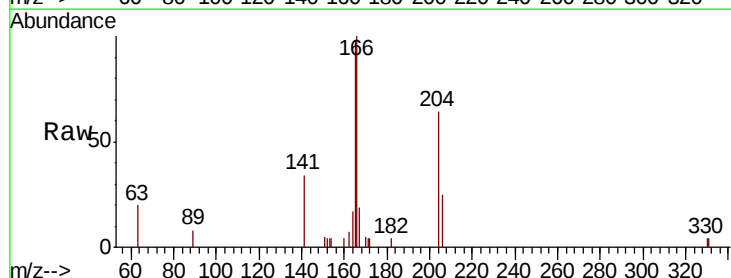
Tgt Ion:166 Resp: 2233

Ion Ratio Lower Upper

166 100

165 98.2 77.2 115.8

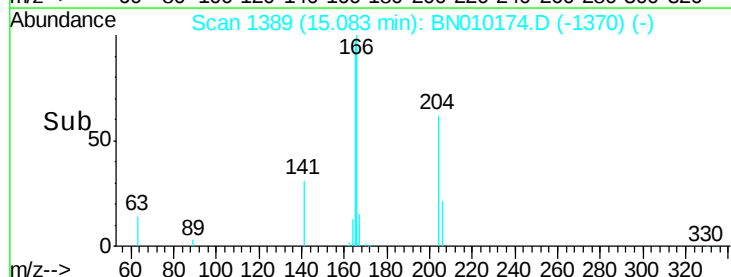
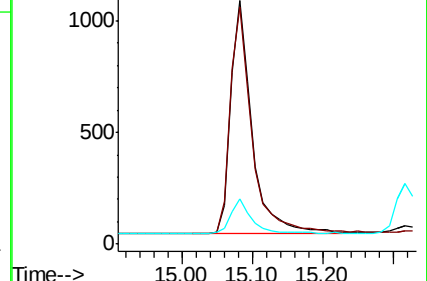
167 14.2 10.5 15.7



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: 16.78 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

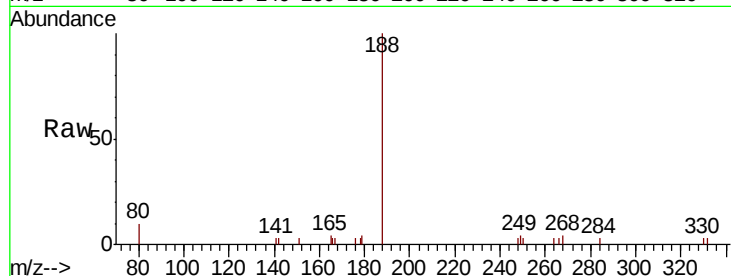
Tot Ion:188 Resp: 3054

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

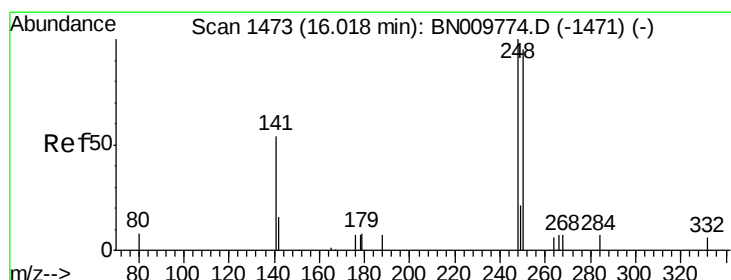
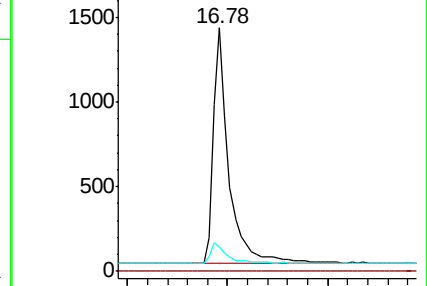
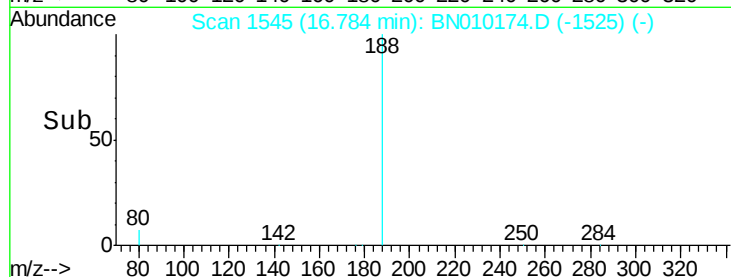
80 10.4 8.3 12.5



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: 0.065 ng

RT: 16.01 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

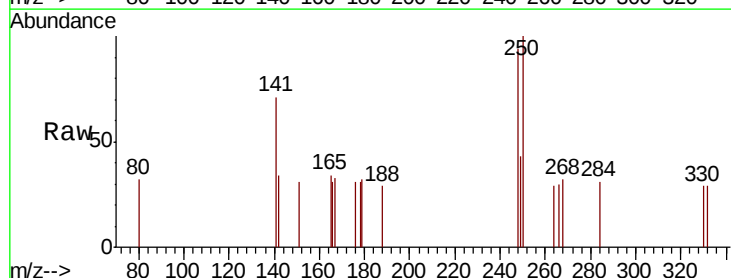
Tgt Ion:248 Resp: 331

Ion Ratio Lower Upper

248 100

250 106.2 76.2 114.4

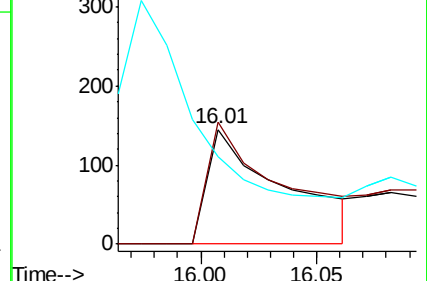
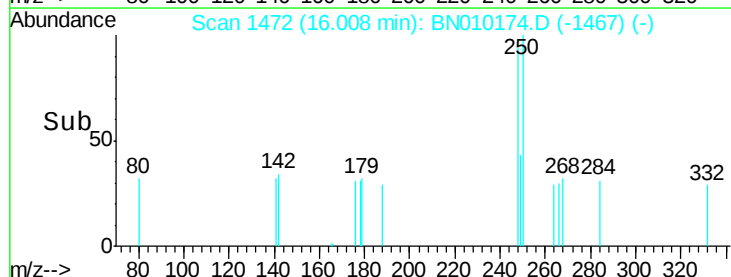
141 75.9 57.8 86.6

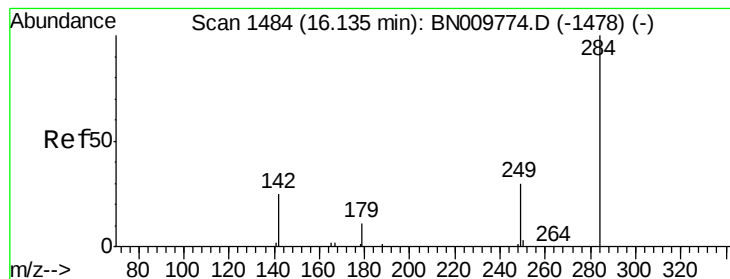


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.432 ng

RT: 16.09 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

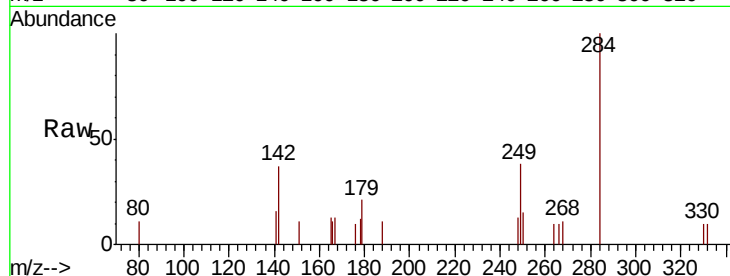
Tot Ion:284 Resp: 821

Ion Ratio Lower Upper

284 100

142 38.6 33.3 49.9

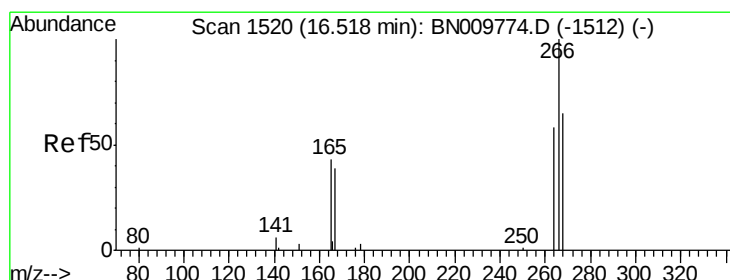
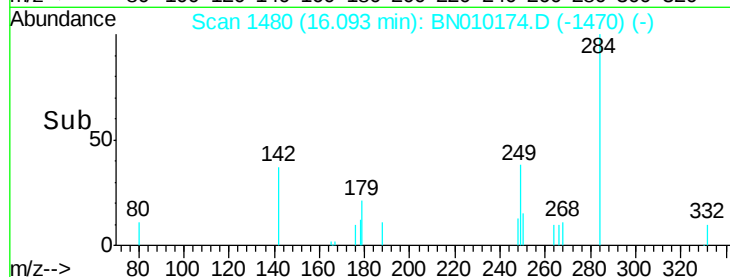
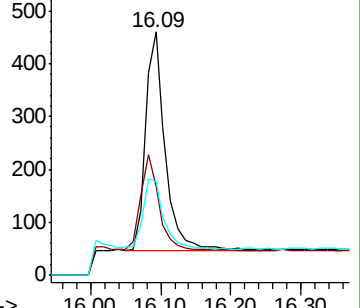
249 32.9 25.7 38.5



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: 0.453 ng

RT: 16.48 min Scan# 1516

Delta R.T. 0.01 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

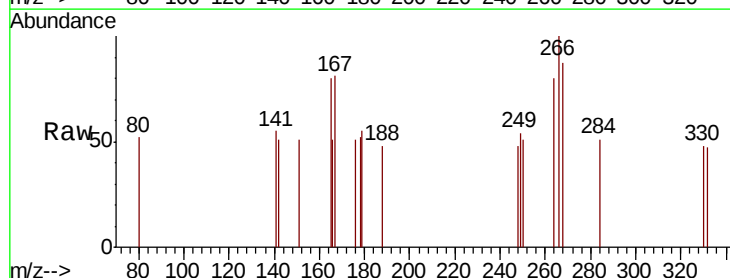
Tgt Ion:266 Resp: 175

Ion Ratio Lower Upper

266 100

264 79.8 58.1 87.1

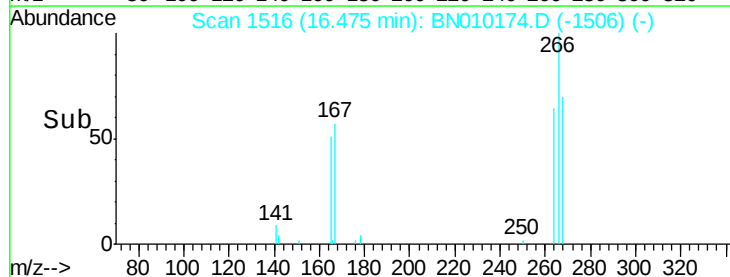
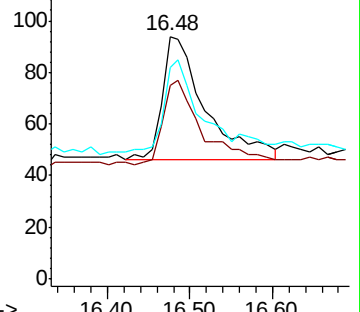
268 87.2 65.7 98.5

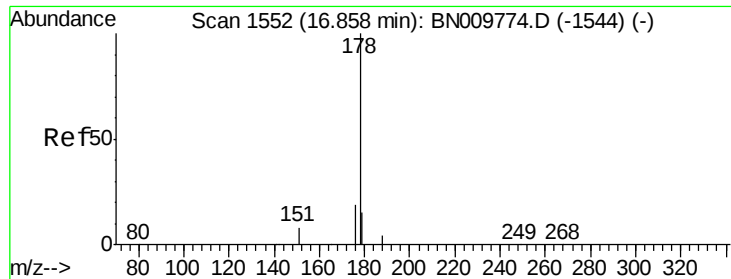


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.385 ng

RT: 16.83 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

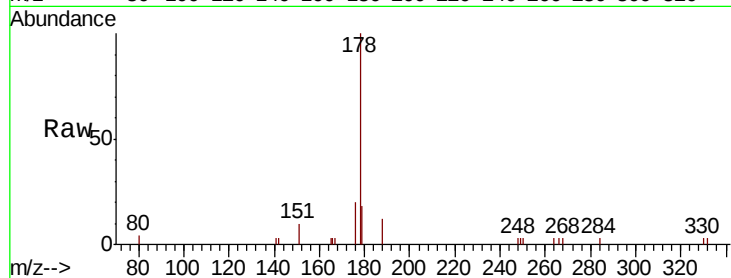
Tot Ion:178 Resp: 3502

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

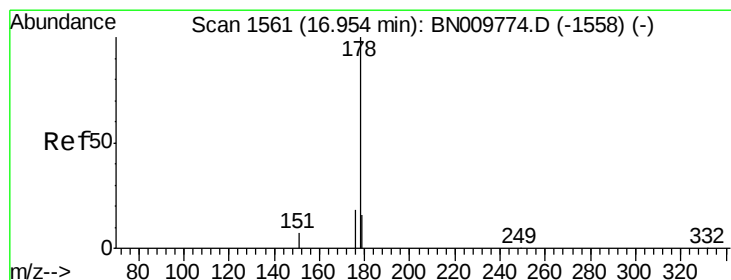
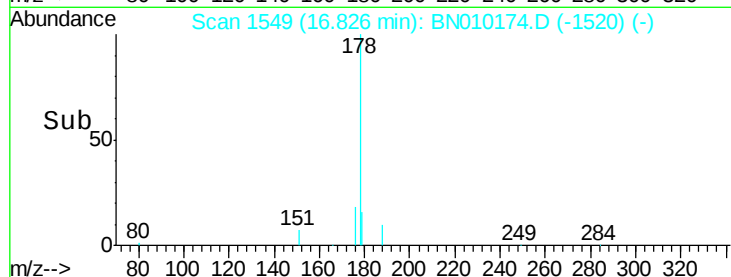
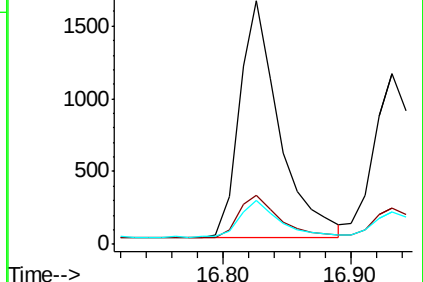
179 15.2 12.4 18.6



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: 0.394 ng

RT: 16.93 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

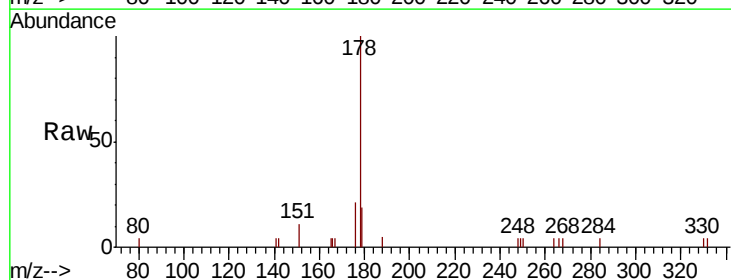
Tgt Ion:178 Resp: 3028

Ion Ratio Lower Upper

178 100

176 17.3 14.3 21.5

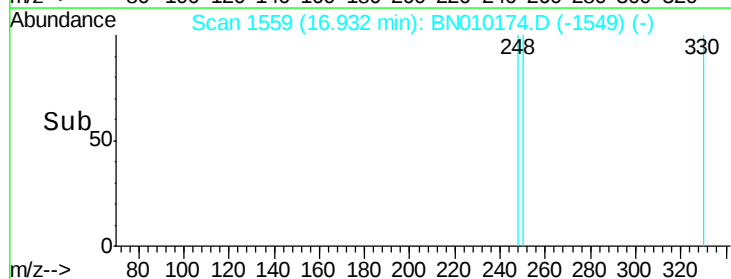
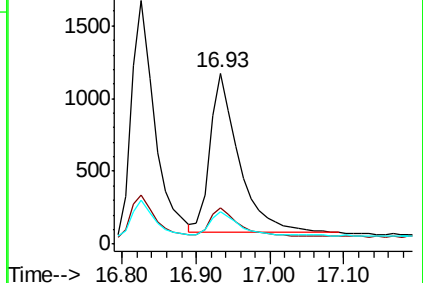
179 15.0 12.4 18.6

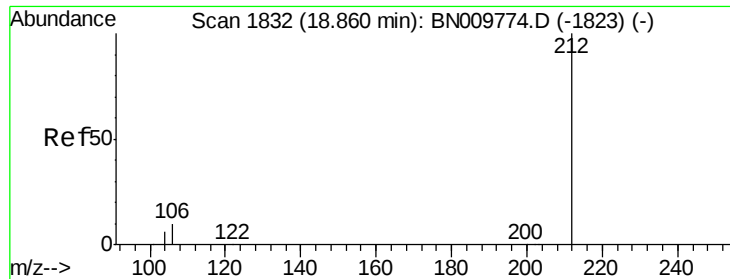


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.396 ng

RT: 18.83 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

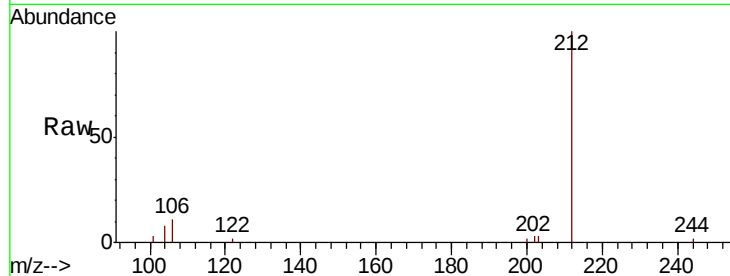
Tot Ion:212 Resp: 4181

Ion Ratio Lower Upper

212 100

106 9.8 8.4 12.6

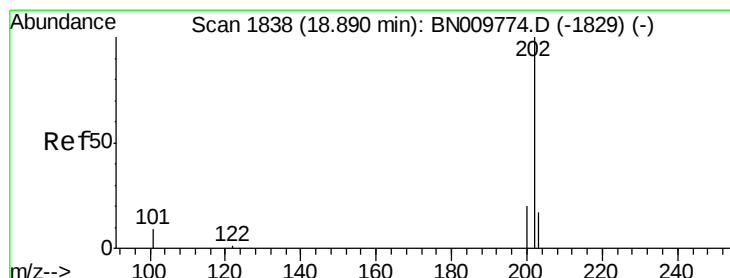
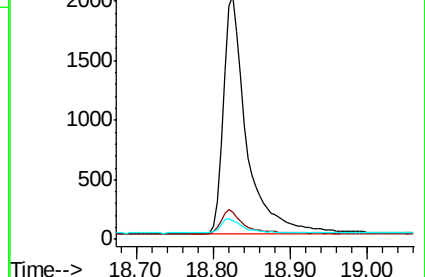
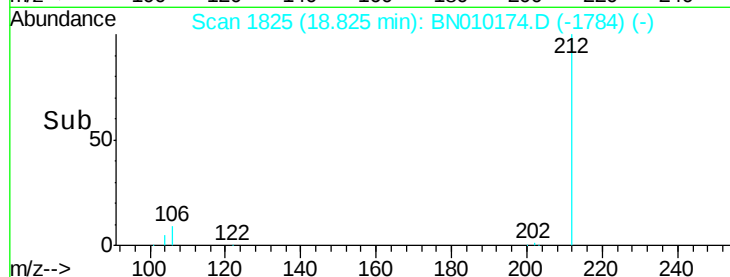
104 5.5 4.8 7.2



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: 0.398 ng

RT: 18.85 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

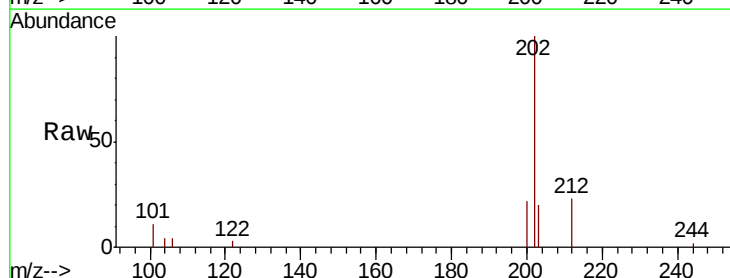
Tgt Ion:202 Resp: 4326

Ion Ratio Lower Upper

202 100

101 8.3 7.1 10.7

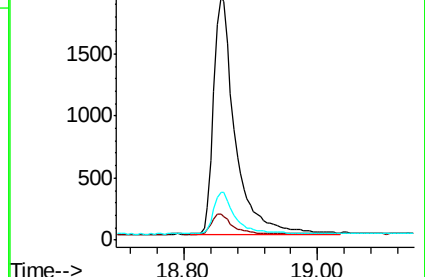
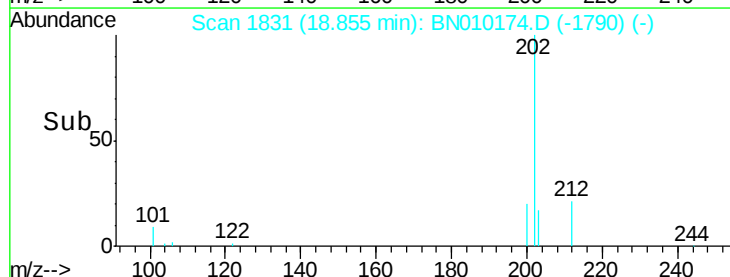
203 17.2 13.8 20.6



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: 20.99 min Scan# 2156

Delta R.T. 0.00 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

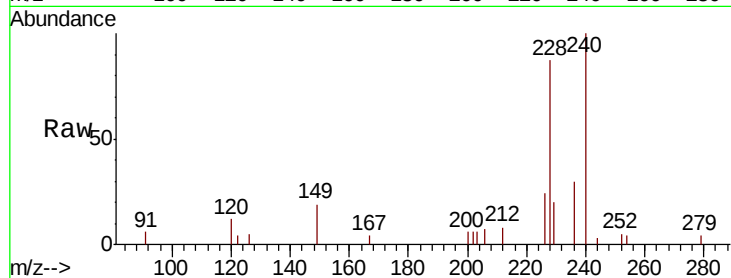
Tot Ion:240 Resp: 3021

Ion Ratio Lower Upper

240 100

120 12.1 7.9 11.9#

236 29.5 22.0 33.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

20.99

1500

1000

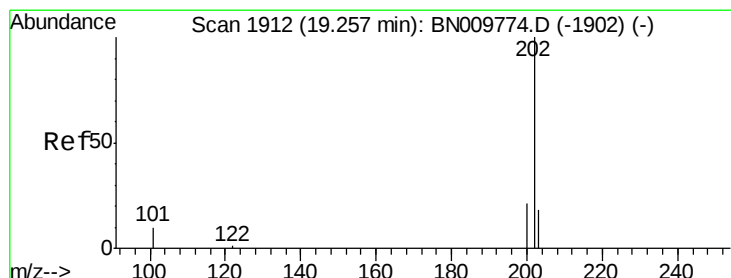
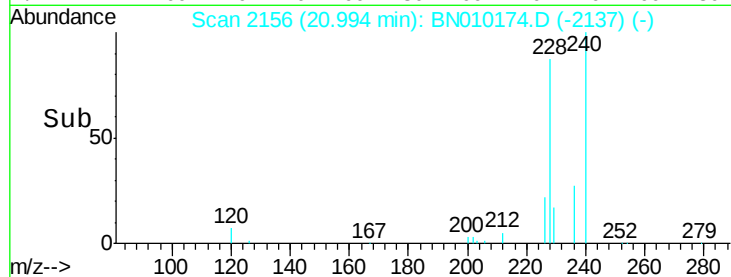
500

0

21.00

21.20

Time-->



#28

Pyrene

Concen: 0.431 ng

RT: 19.22 min Scan# 1905

Delta R.T. 0.01 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

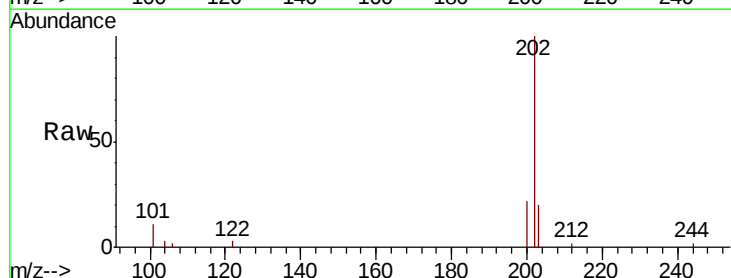
Tgt Ion:202 Resp: 4943

Ion Ratio Lower Upper

202 100

200 19.6 16.4 24.6

203 17.9 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.22

3000

2500

2000

1500

1000

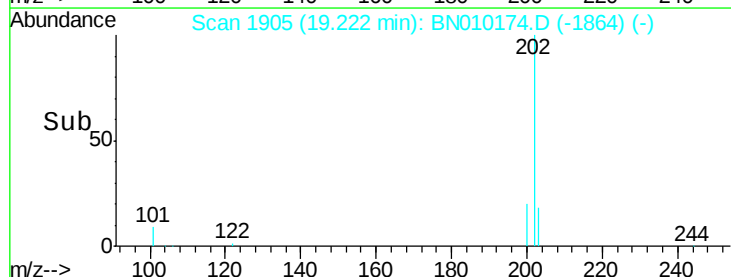
500

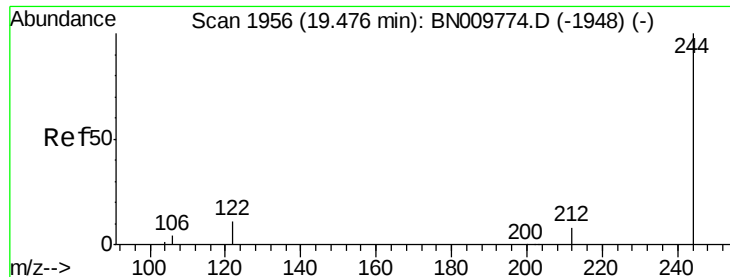
0

19.20

19.40

Time-->





#29

Terphenyl-d14

Concen: 0.405 ng

RT: 19.44 min Scan# 1949

Delta R.T. 0.01 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

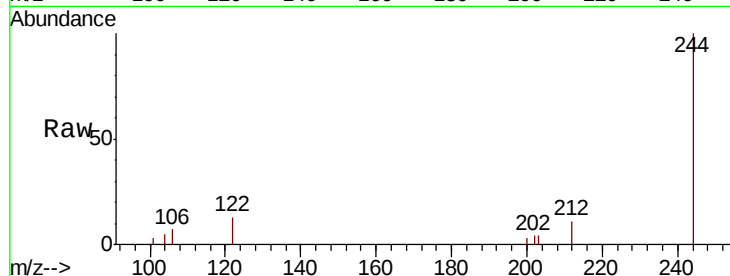
Tot Ion:244 Resp: 2920

Ion Ratio Lower Upper

244 100

212 11.0 8.0 12.0

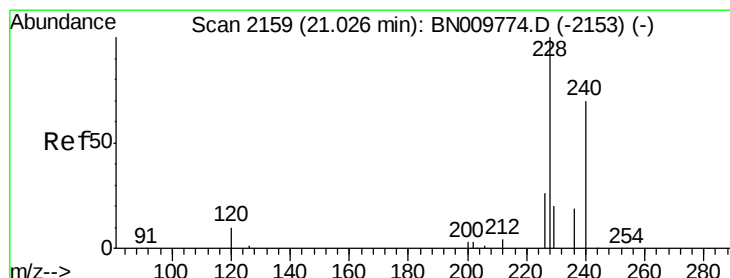
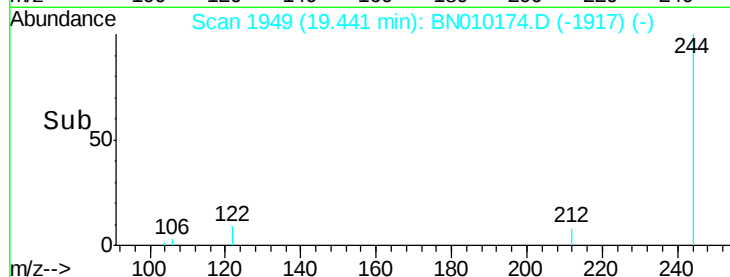
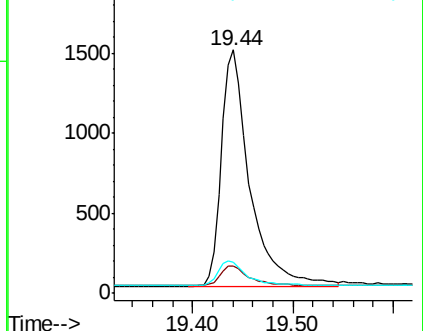
122 12.5 10.0 15.0



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: 0.353 ng

RT: 20.98 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

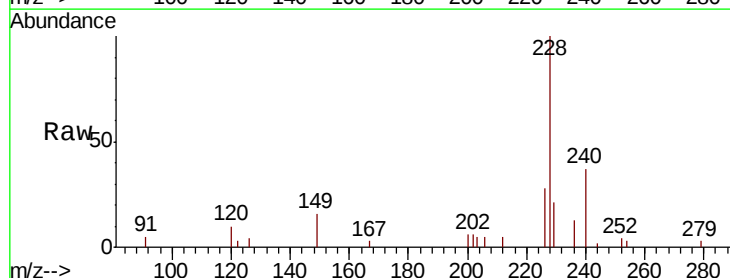
Tgt Ion:228 Resp: 3543

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.8

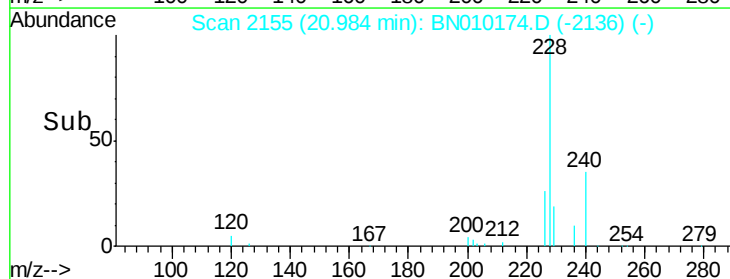
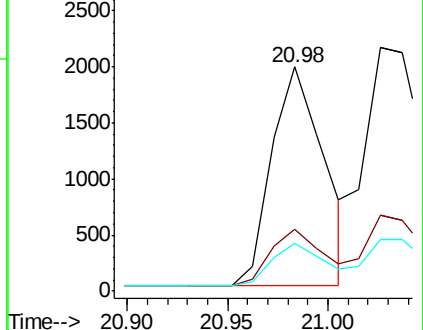
229 21.1 17.1 25.7

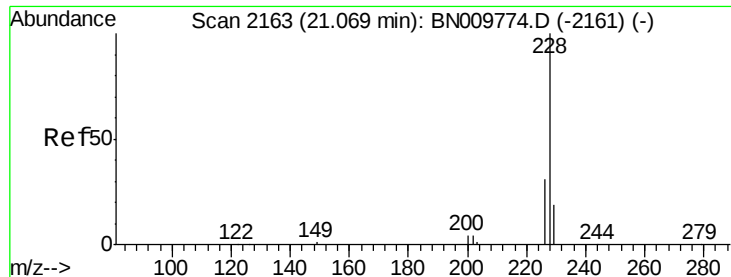


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.420 ng

RT: 21.03 min Scan# 2159

Delta R.T. 0.00 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

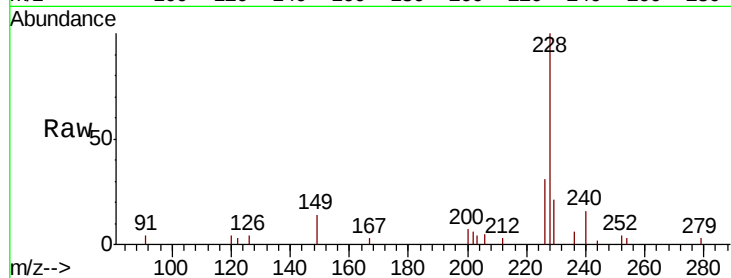
Tot Ion:228 Resp: 4877

Ion Ratio Lower Upper

228 100

226 31.0 24.8 37.2

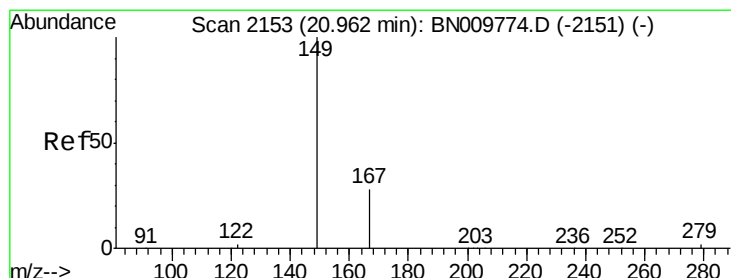
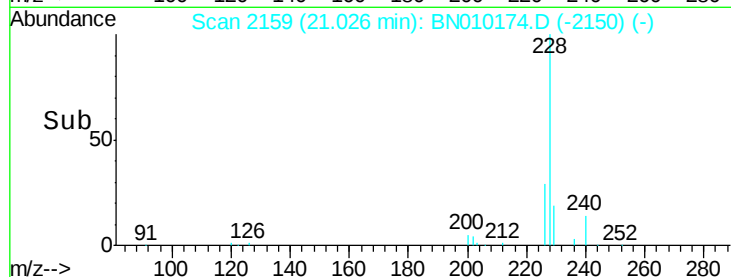
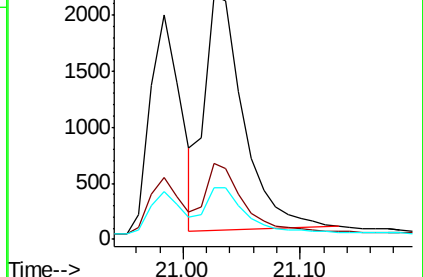
229 21.2 16.4 24.6



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: 0.447 ng

RT: 20.91 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

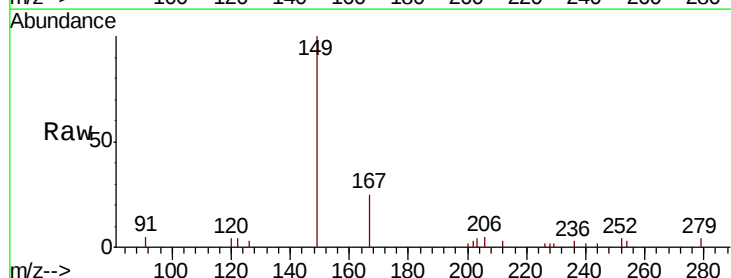
Tgt Ion:149 Resp: 2188

Ion Ratio Lower Upper

149 100

167 25.6 22.7 34.1

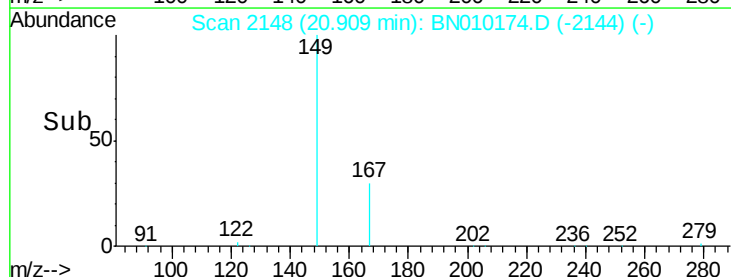
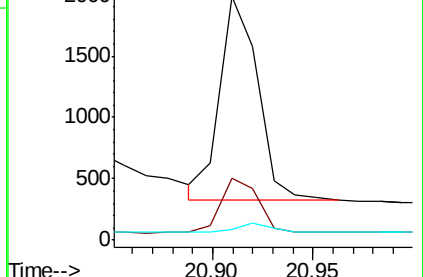
279 3.7 3.1 4.7

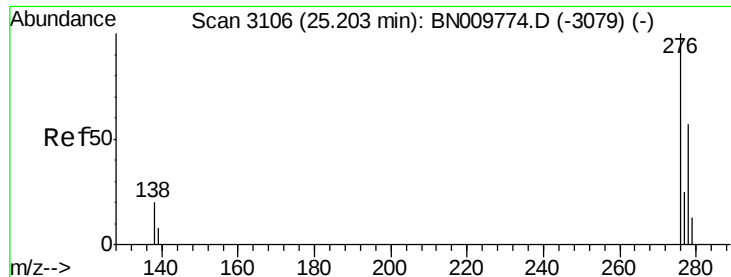


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.446 ng

RT: 25.14 min Scan# 3087

Delta R.T. 0.00 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

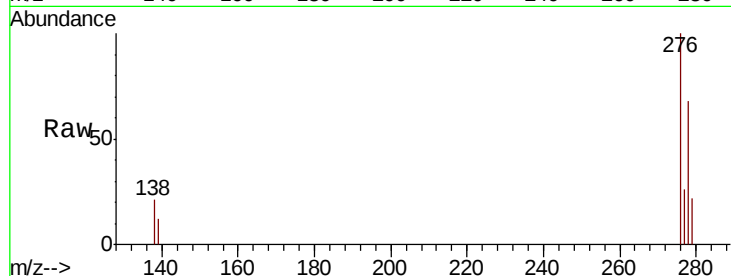
Tot Ion:276 Resp: 5390

Ion Ratio Lower Upper

276 100

138 18.2 15.8 23.6

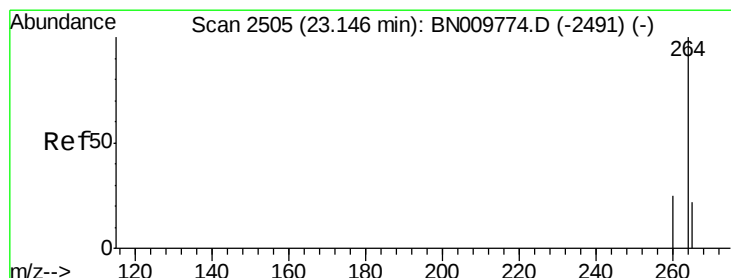
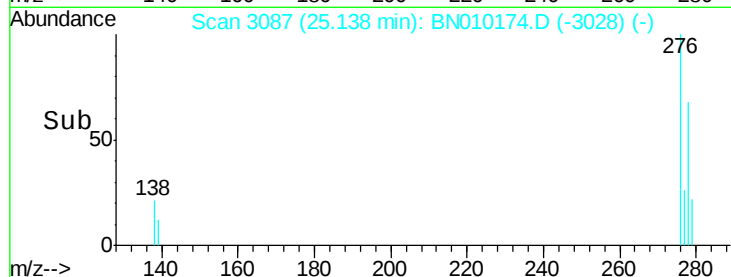
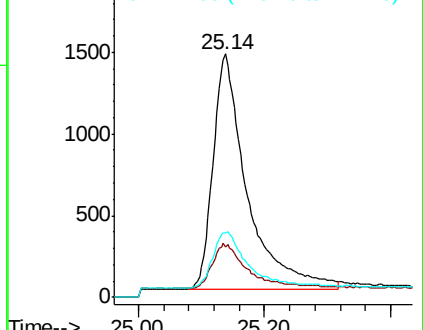
277 23.0 19.3 28.9



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

Perylene-d12

Concen: 0.400 ng

RT: 23.10 min Scan# 2491

Delta R.T. 0.00 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

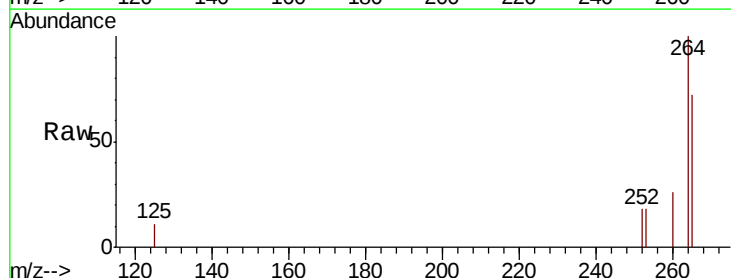
Tgt Ion:264 Resp: 3213

Ion Ratio Lower Upper

264 100

260 26.4 21.1 31.7

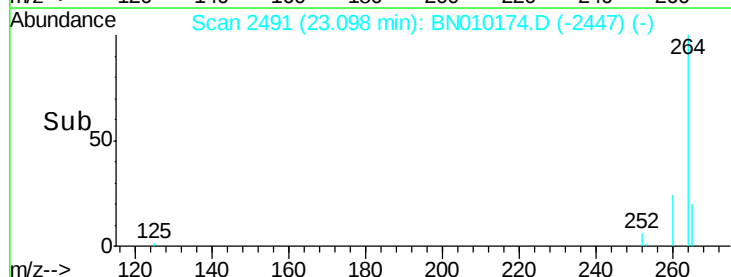
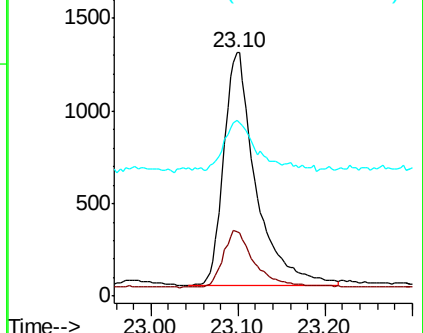
265 72.1 57.5 86.3



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: 0.388 ng

RT: 22.49 min Scan# 2312

Delta R.T. 0.00 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

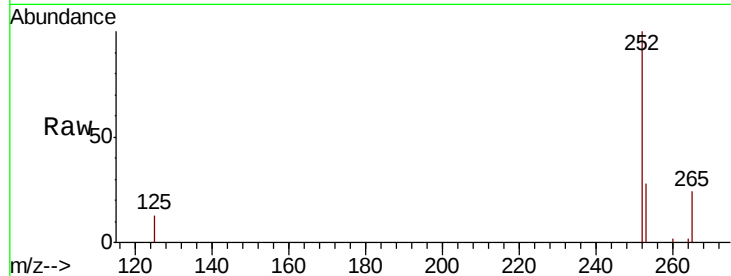
Tot Ion:252 Resp: 4556

Ion Ratio Lower Upper

252 100

253 28.0 23.0 34.6

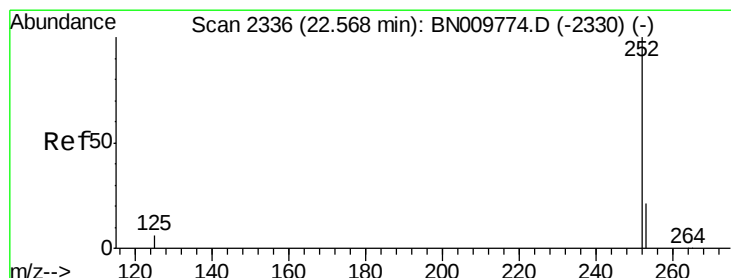
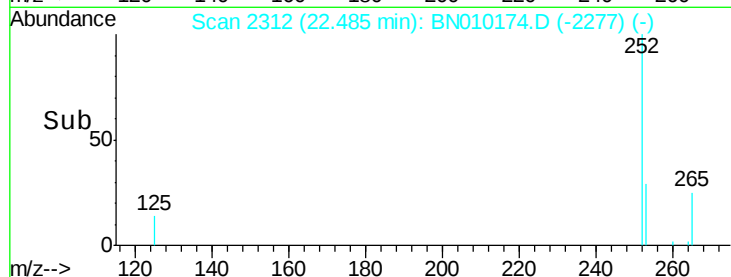
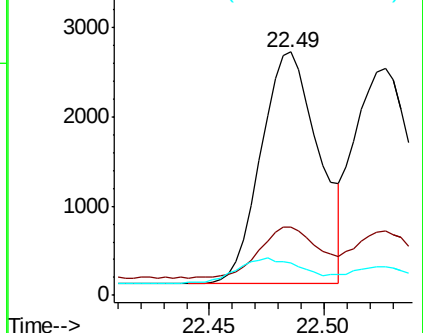
125 13.2 14.4 21.6#



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



#36

Benzo(k)fluoranthene

Concen: 0.407 ng

RT: 22.53 min Scan# 2324

Delta R.T. 0.00 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

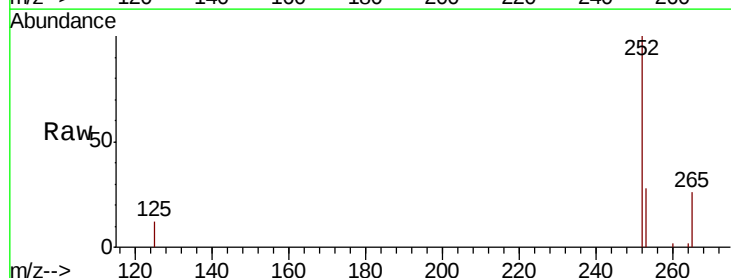
Tgt Ion:252 Resp: 5210

Ion Ratio Lower Upper

252 100

253 28.3 22.2 33.2

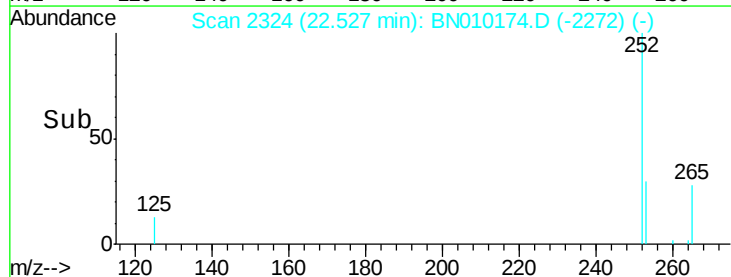
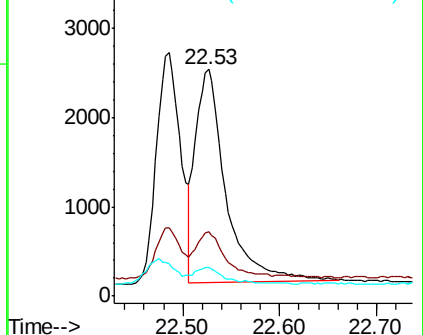
125 12.5 10.5 15.7

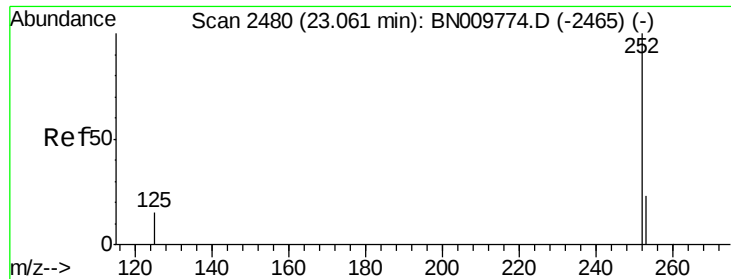


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.398 ng

RT: 23.02 min Scan# 2467

Delta R.T. 0.01 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

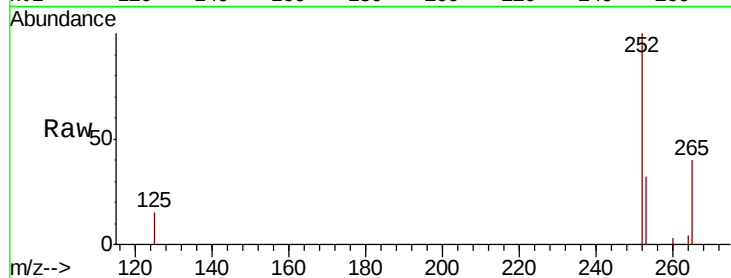
Tot Ion:252 Resp: 4262

Ion Ratio Lower Upper

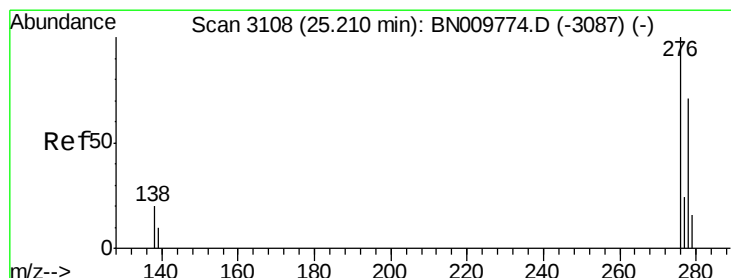
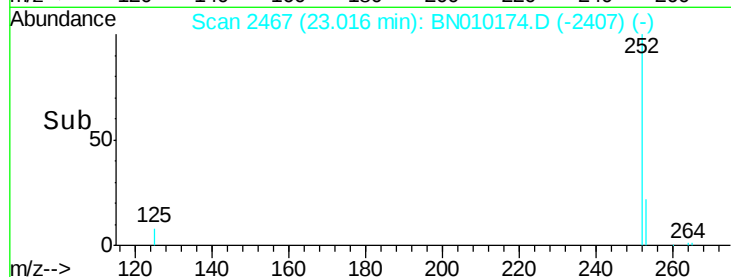
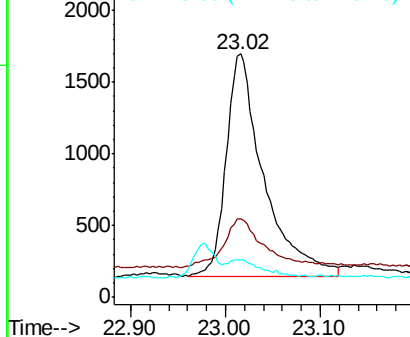
252 100

253 32.5 25.3 37.9

125 15.3 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: 0.403 ng

RT: 25.14 min Scan# 3088

Delta R.T. 0.01 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

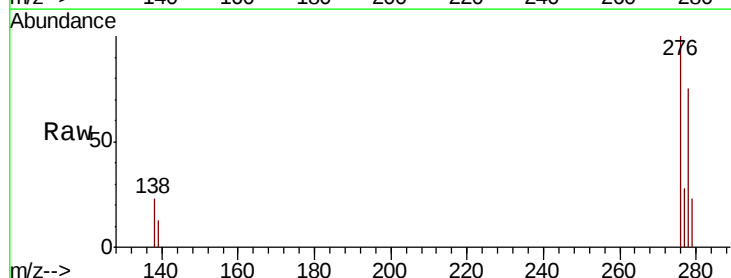
Tgt Ion:278 Resp: 4255

Ion Ratio Lower Upper

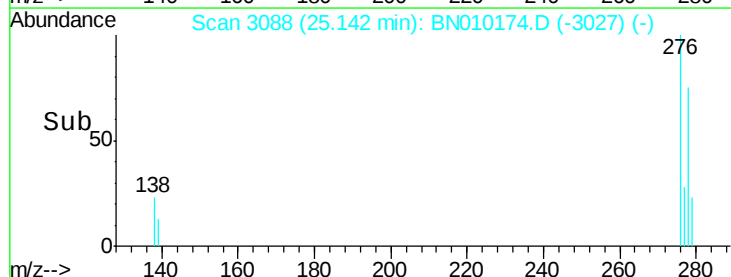
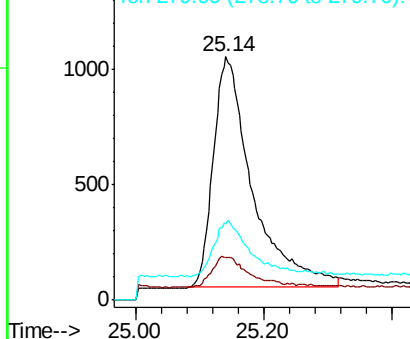
278 100

139 17.6 14.5 21.7

279 31.0 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(a,h,i)perylene

Concen: 0.426 ng

RT: 25.76 min Scan# 3268

Delta R.T. 0.01 min

Lab File: BN010174.D

Acq: 11 Mar 2020 03:55

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

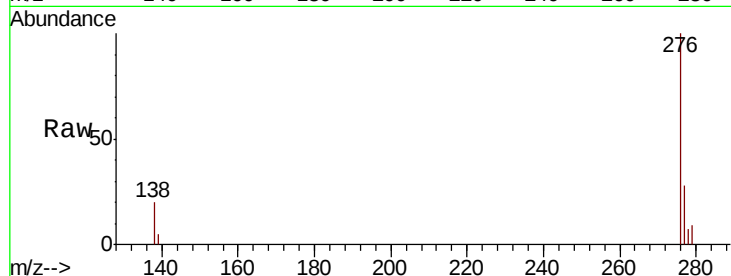
Tot Ion:276 Resp: 4789

Ion Ratio Lower Upper

276 100

277 27.6 21.4 32.0

138 20.0 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

1500

1000

500

0

25.76

25.60

25.80

Time-->

