

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030220\
 Data File : BN010036.D
 Acq On : 02 Mar 2020 12:22
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Mar 02 15:34:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 02 15:27:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	874	0.40	ng	0.00
7) Naphthalene-d8	10.14	136	3039	0.40	ng	0.00
13) Acenaphthene-d10	14.02	164	2052	0.40	ng	0.00
19) Phenanthrene-d10	16.78	188	4848	0.40	ng	0.00
27) Chrysene-d12	21.01	240	4346	0.40	ng	0.00
34) Perylene-d12	23.10	264	4678	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	847	0.44	ng	0.00
5) Phenol-d6	6.63	99	946	0.40	ng	0.00
8) Nitrobenzene-d5	8.57	82	951	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	11.74	152	2284	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.56	330	348	0.44	ng	0.00
15) 2-Fluorobiphenyl	12.65	172	2928	0.38	ng	0.00
25) Fluoranthene-d10	18.83	212	6369	0.38	ng	0.00
29) Terphenyl-d14	19.44	244	4120	0.40	ng	0.00

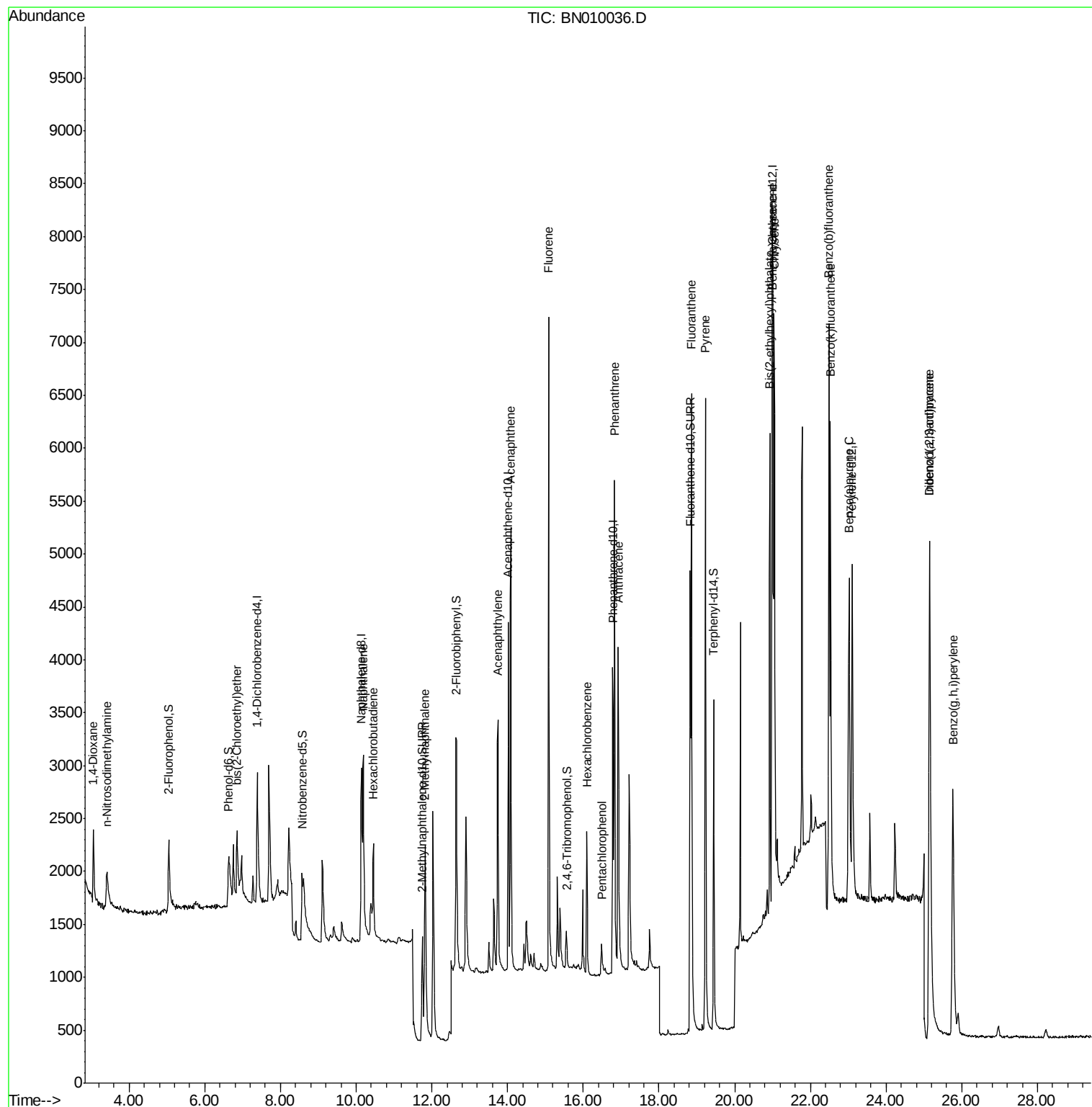
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.06	88	363	0.406	ng	88
3) n-Nitrosodimethylamine	3.41	42	525	0.357	ng	98
6) bis(2-Chloroethyl)ether	6.86	93	985	0.428	ng	100
9) Naphthalene	10.19	128	3249	0.392	ng	100
10) Hexachlorobutadiene	10.46	225	695	0.381	ng	# 100
12) 2-Methylnaphthalene	11.82	142	2218	0.390	ng	100
16) Acenaphthylene	13.74	152	3368	0.385	ng	100
17) Acenaphthene	14.09	154	2376	0.386	ng	100
18) Fluorene	15.09	166	3161	0.389	ng	100
20) 4-Bromophenyl-phenylether	16.01	248	260	Below Cal		100
21) Hexachlorobenzene	16.10	284	1128	0.374	ng	100
22) Pentachlorophenol	16.48	266	260	0.436	ng	100
23) Phenanthrene	16.82	178	5398	0.374	ng	100
24) Anthracene	16.93	178	4656	0.382	ng	100
26) Fluoranthene	18.86	202	6665	0.386	ng	100
28) Pyrene	19.22	202	6828	0.414	ng	100
30) Benzo(a)anthracene	21.00	228	5144	0.357	ng	100
31) Chrysene	21.04	228	6425	0.385	ng	100
32) Bis(2-ethylhexyl)phthalate	20.93	149	4364	0.620	ng	100
33) Indeno(1,2,3-cd)pyrene	25.14	276	6615	0.381	ng	100
35) Benzo(b)fluoranthene	22.49	252	6090	0.356	ng	100
36) Benzo(k)fluoranthene	22.53	252	6686	0.359	ng	100
37) Benzo(a)pyrene	23.02	252	5952	0.381	ng	100
38) Dibenzo(a,h)anthracene	25.15	278	5302	0.345	ng	100
39) Benzo(g,h,i)perylene	25.77	276	5882	0.359	ng	100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.39 min Scan# 566

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

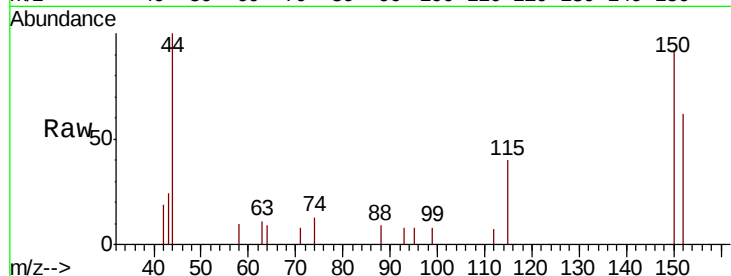
Tot Ion:152 Resp: 874

Ion Ratio Lower Upper

152 100

150 148.2 118.6 177.8

115 64.7 51.8 77.6



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

800

600

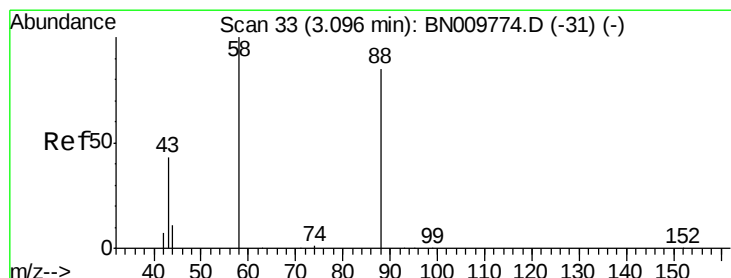
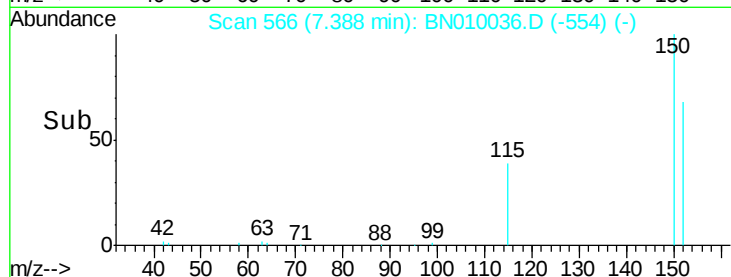
400

200

0

7.20 7.40 7.60

Time-->



#2

1,4-Dioxane

Concen: 0.406 ng

RT: 3.06 min Scan# 29

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

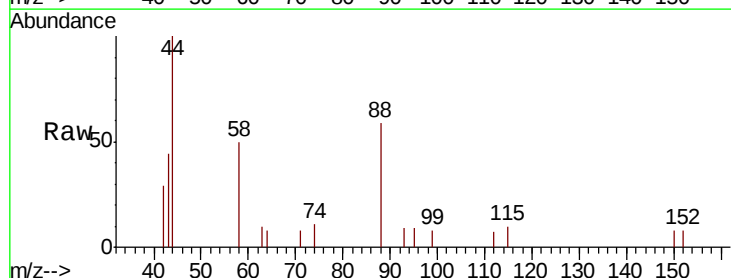
Tgt Ion: 88 Resp: 363

Ion Ratio Lower Upper

88 100

58 123.4 86.2 129.4

43 54.0 47.4 71.0



Abundance Ion 88.00 (87.70 to 88.70): BN0

Ion 58.00 (57.70 to 58.70): BN0

Ion 43.00 (42.70 to 43.70): BN0

500

400

300

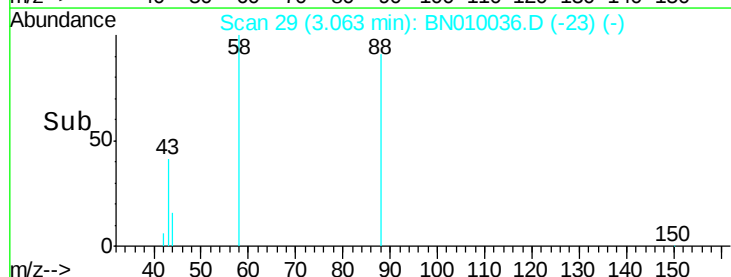
200

100

0

3.05 3.10

Time-->

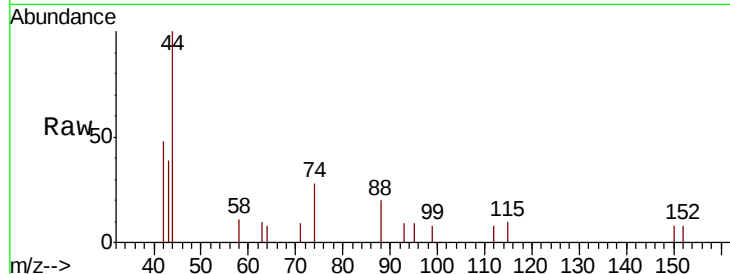




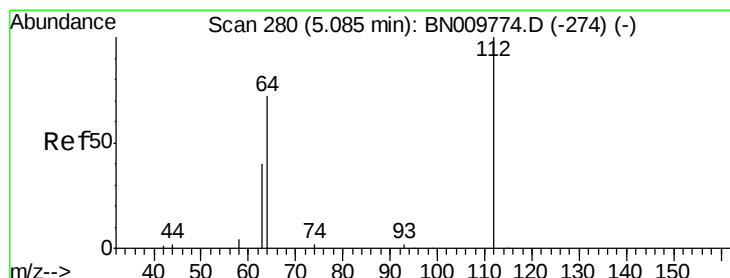
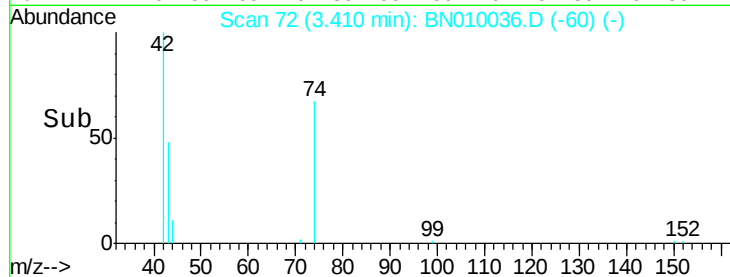
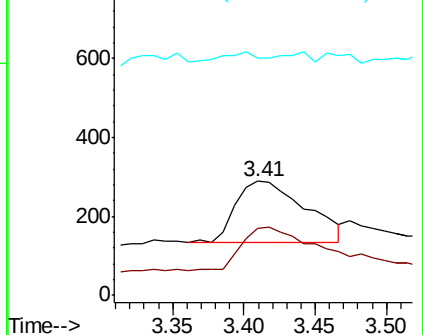
#3
n-Nitrosodimethylamine
Concen: 0.357 ng
RT: 3.41 min Scan# 72
Delta R.T. 0.00 min
Lab File: BN010036.D
Acq: 02 Mar 2020 12:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion: 42 Resp: 525
Ion Ratio Lower Upper
42 100
74 75.2 58.9 88.3
44 6.1 4.6 7.0

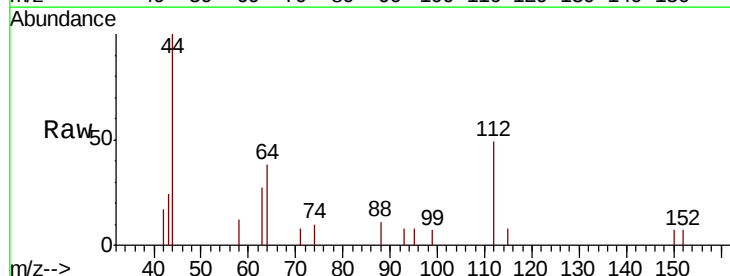


Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0

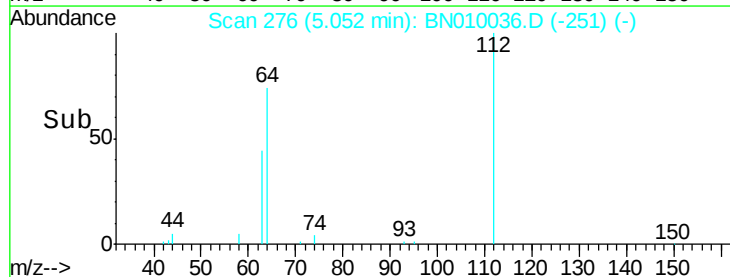
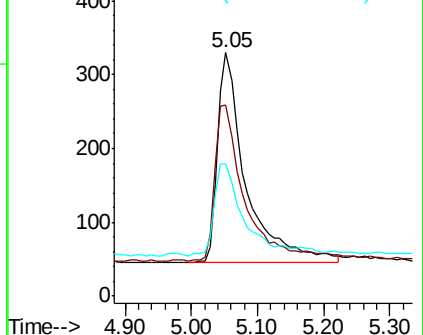


#4
2-Fluorophenol
Concen: 0.436 ng
RT: 5.05 min Scan# 276
Delta R.T. 0.00 min
Lab File: BN010036.D
Acq: 02 Mar 2020 12:22

Tgt Ion: 112 Resp: 847
Ion Ratio Lower Upper
112 100
64 77.8 62.5 93.7
63 44.4 35.4 53.0



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: 0.400 ng

RT: 6.63 min Scan# 472

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

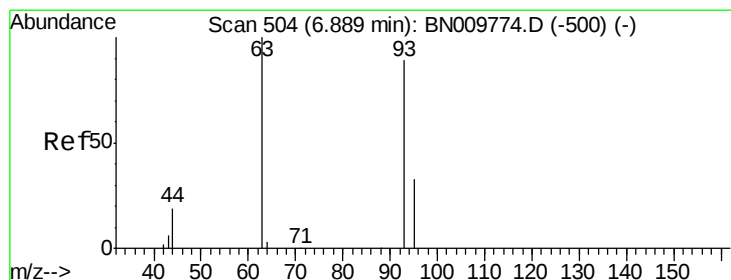
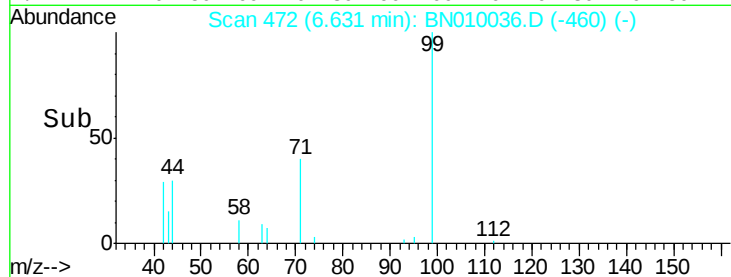
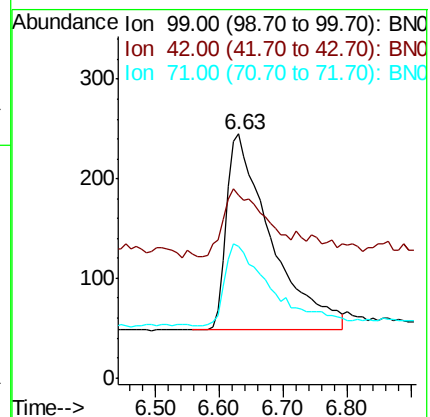
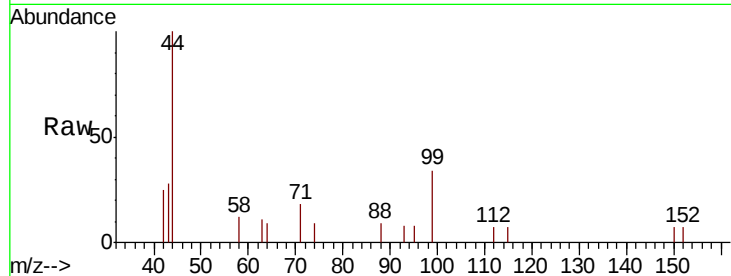
Tot Ion: 99 Resp: 946

Ion Ratio Lower Upper

99 100

42 31.8 25.9 38.9

71 43.7 35.0 52.6



#6

bis(2-Chloroethyl)ether

Concen: 0.428 ng

RT: 6.86 min Scan# 500

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

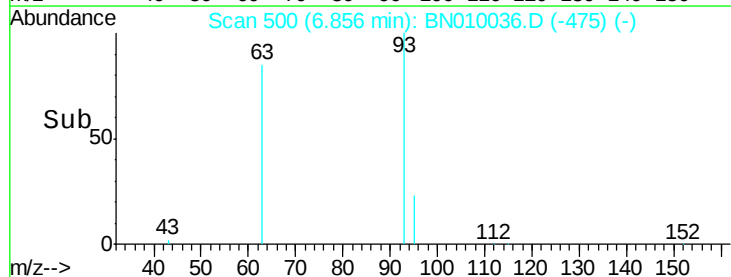
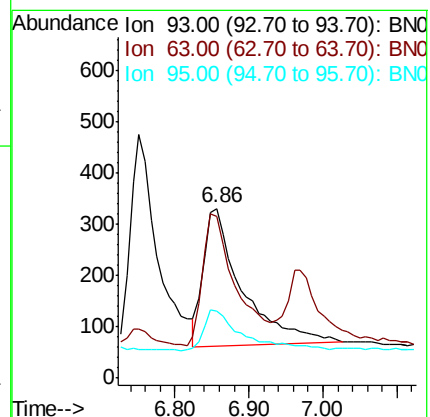
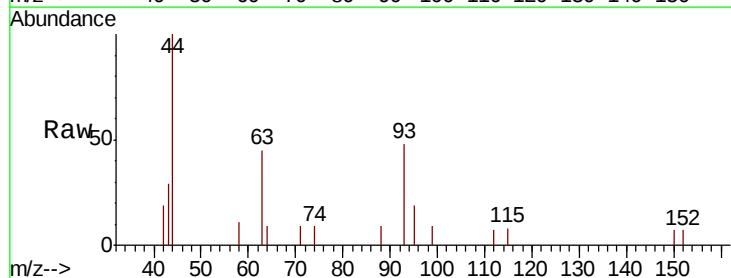
Tgt Ion: 93 Resp: 985

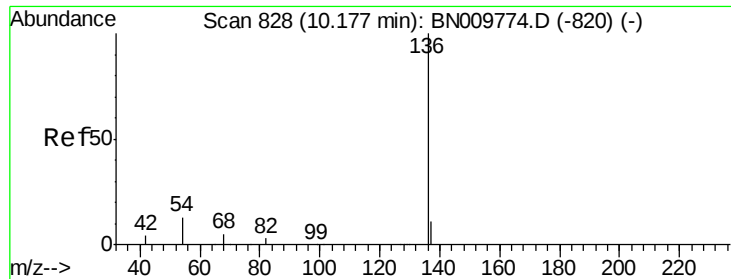
Ion Ratio Lower Upper

93 100

63 79.0 63.2 94.8

95 31.3 25.0 37.6





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.14 min Scan# 825

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 3039

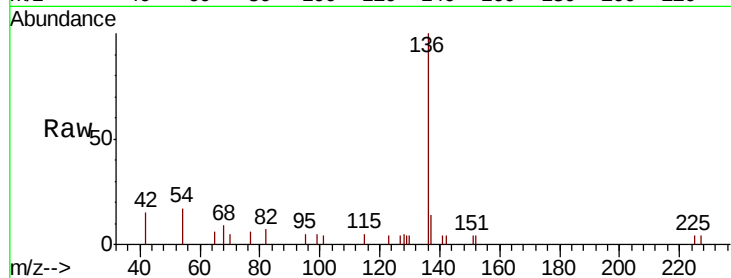
Ion Ratio Lower Upper

136 100

137 14.1 11.3 16.9

54 17.4 13.9 20.9

68 8.9 7.1 10.7

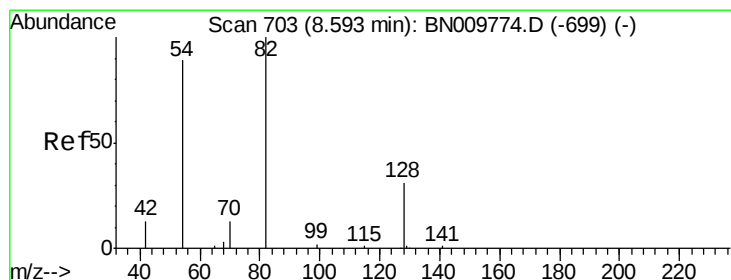
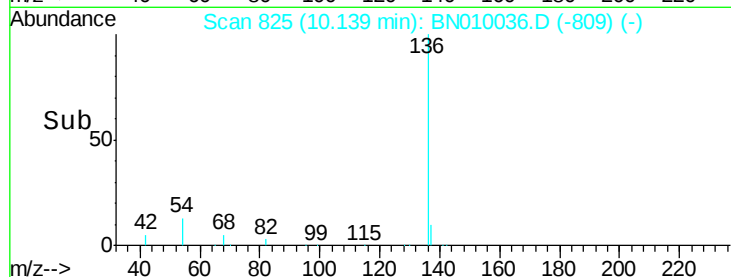
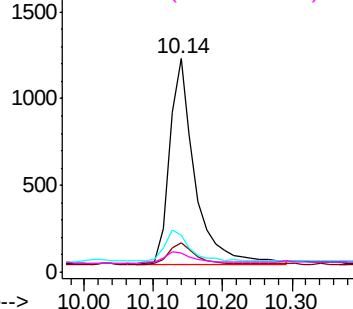


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.376 ng

RT: 8.57 min Scan# 701

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

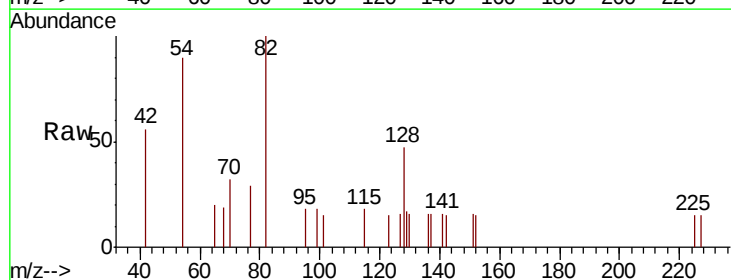
Tgt Ion: 82 Resp: 951

Ion Ratio Lower Upper

82 100

128 46.9 37.5 56.3

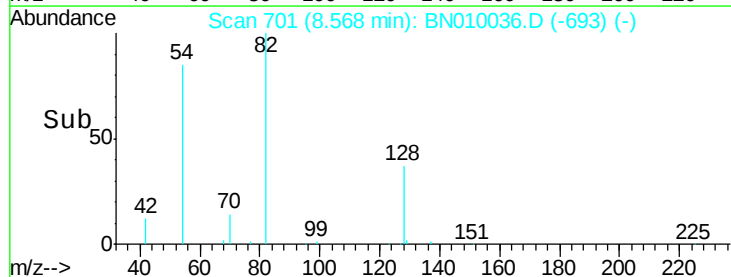
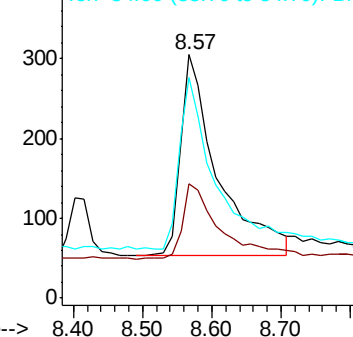
54 90.5 72.4 108.6

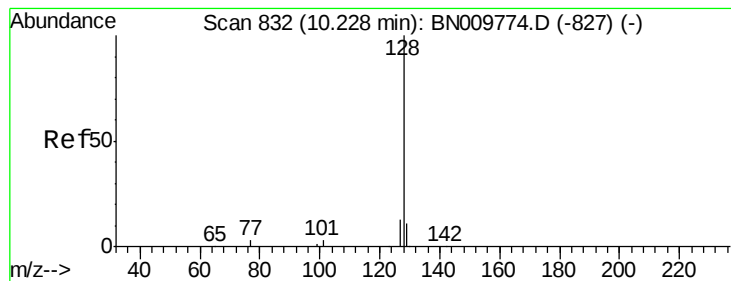


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.392 ng

RT: 10.19 min Scan# 829

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

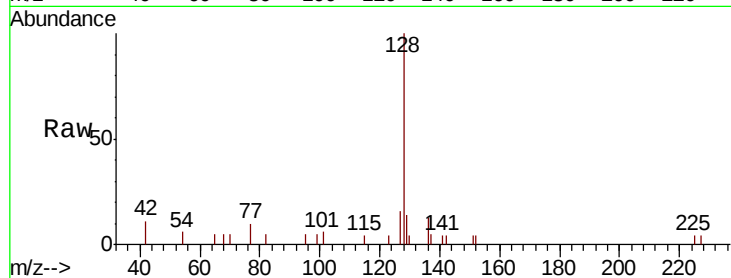
Tot Ion:128 Resp: 3249

Ion Ratio Lower Upper

128 100

129 14.5 11.6 17.4

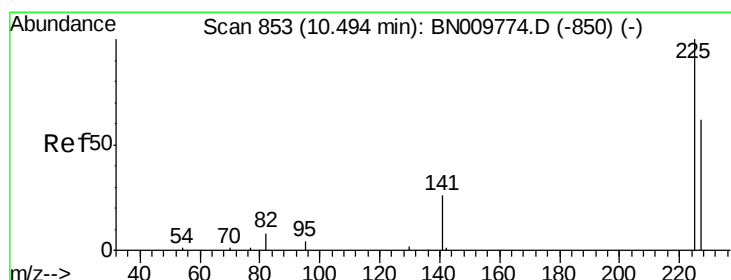
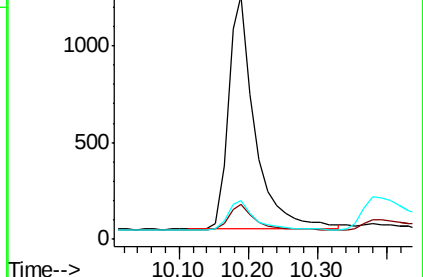
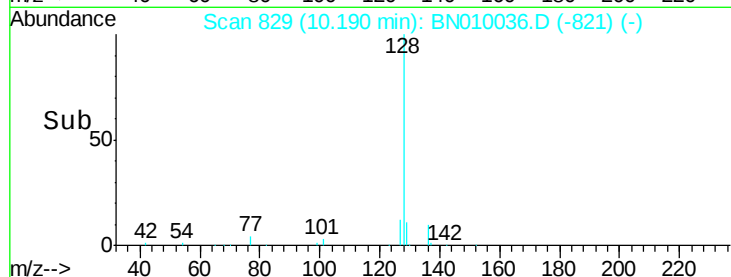
127 15.8 12.6 19.0



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: 0.381 ng

RT: 10.46 min Scan# 850

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

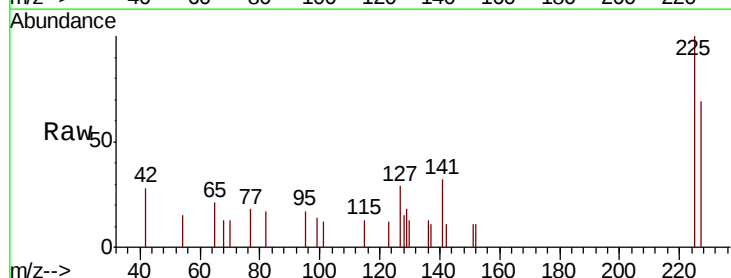
Tgt Ion:225 Resp: 695

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

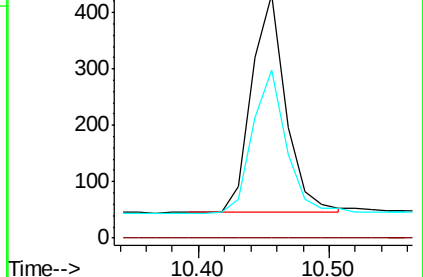
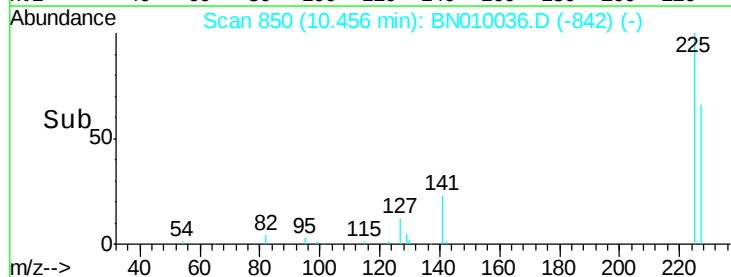
227 63.9 51.1 76.7

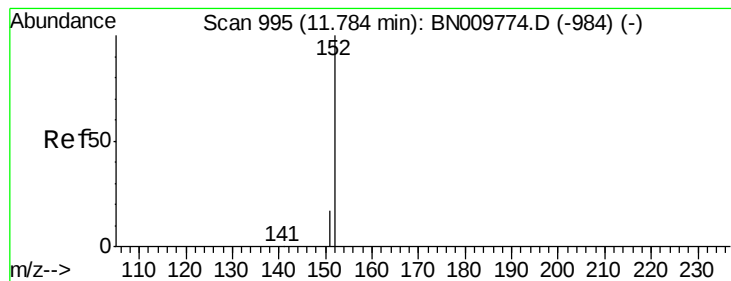


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.388 ng

RT: 11.74 min Scan# 986

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

Instrument :

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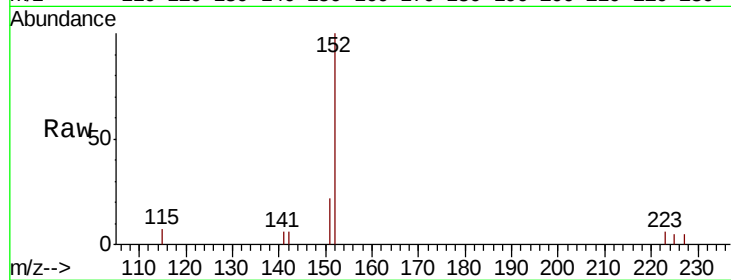
SSTDCCC0.4

Tot Ion:152 Resp: 2284

Ion Ratio Lower Upper

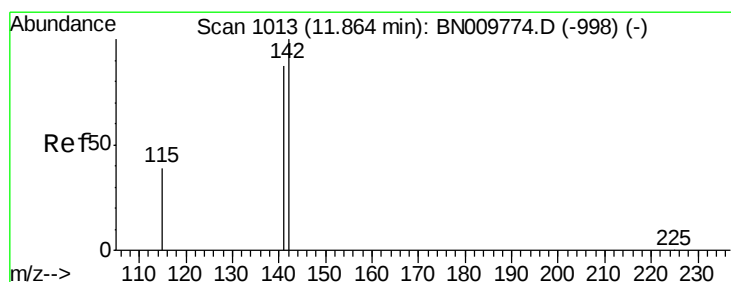
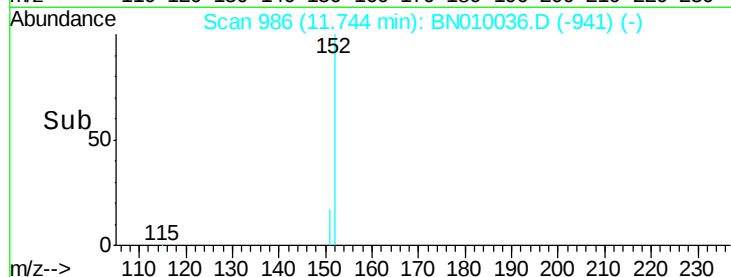
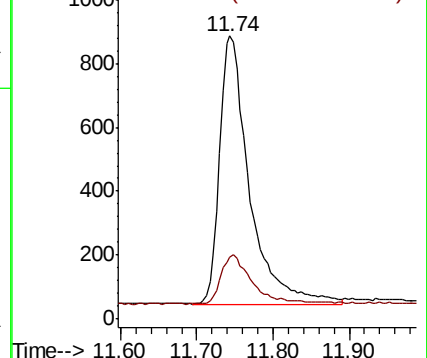
152 100

151 18.3 14.6 22.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.390 ng

RT: 11.82 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

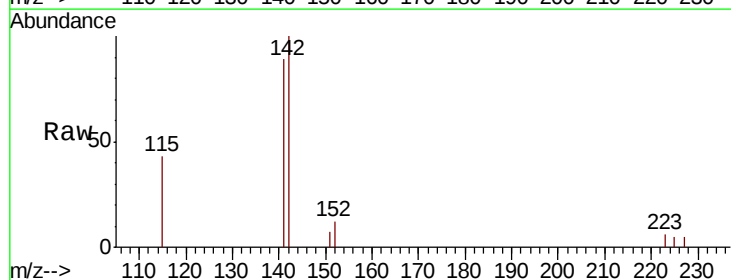
Tgt Ion:142 Resp: 2218

Ion Ratio Lower Upper

142 100

141 89.4 71.5 107.3

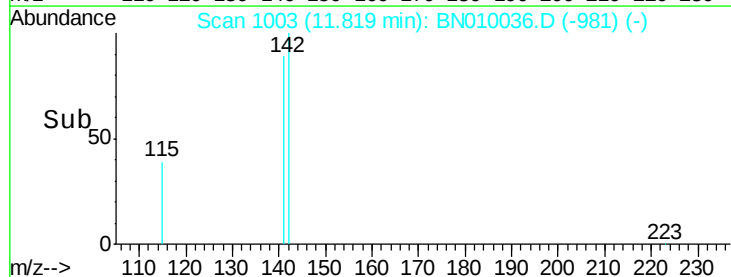
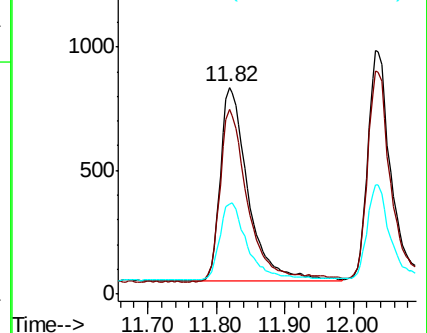
115 43.5 34.8 52.2

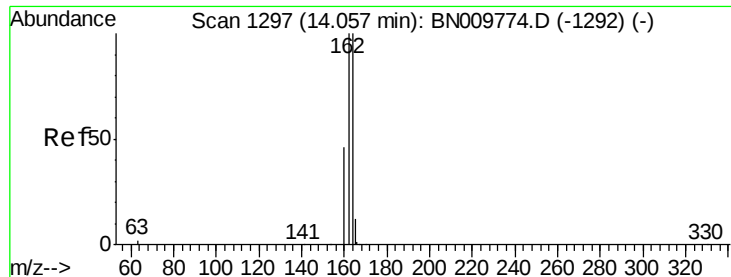


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.02 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

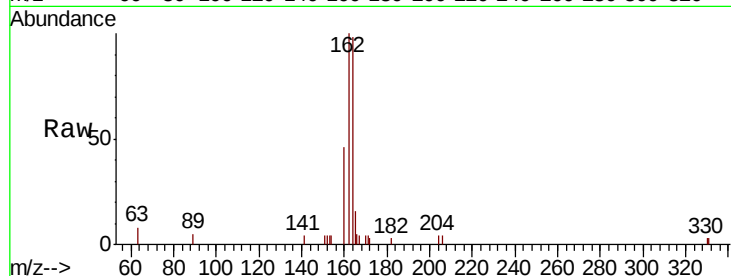
Tot Ion:164 Resp: 2052

Ion Ratio Lower Upper

164 100

162 102.4 81.9 122.9

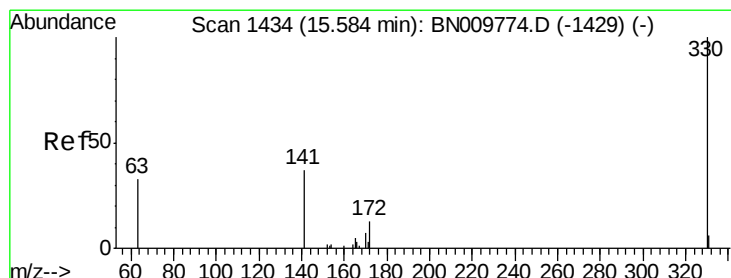
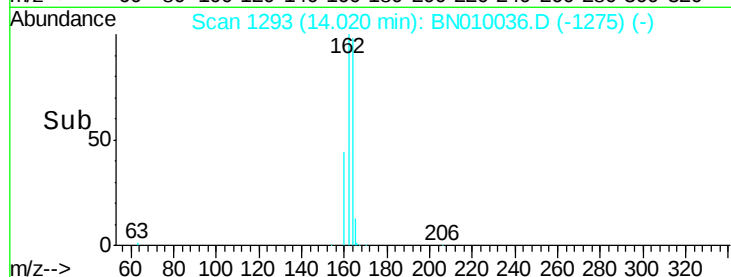
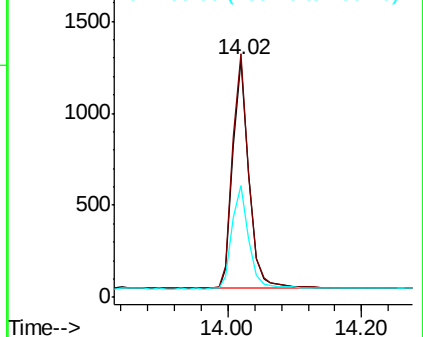
160 47.0 37.6 56.4



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: 0.440 ng

RT: 15.56 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

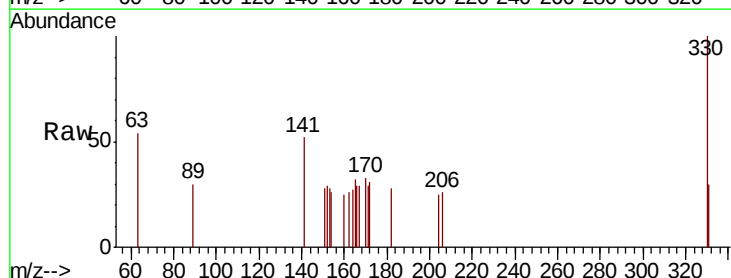
Tgt Ion:330 Resp: 348

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

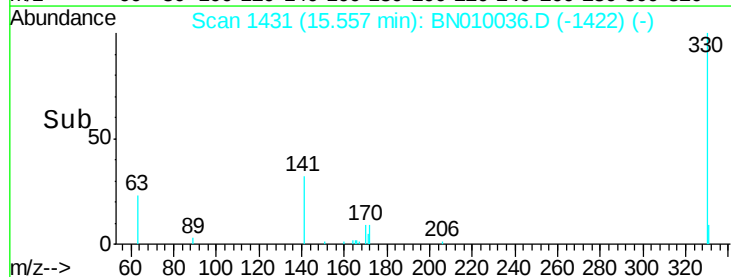
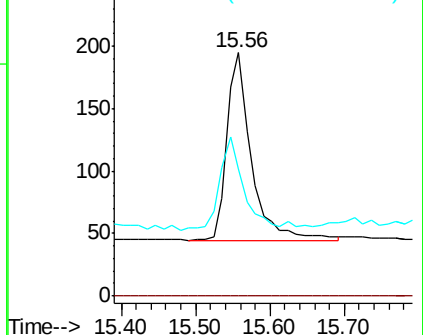
141 47.7 38.2 57.2



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

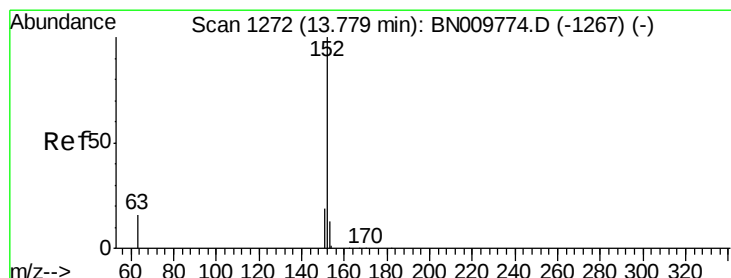
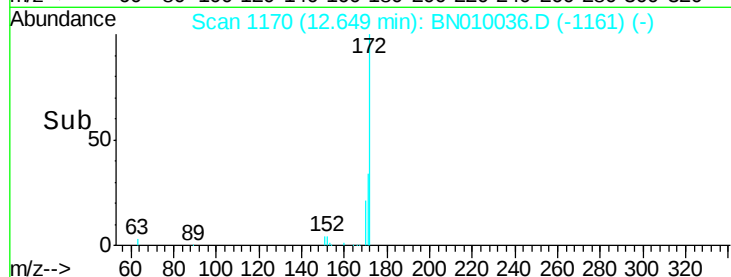
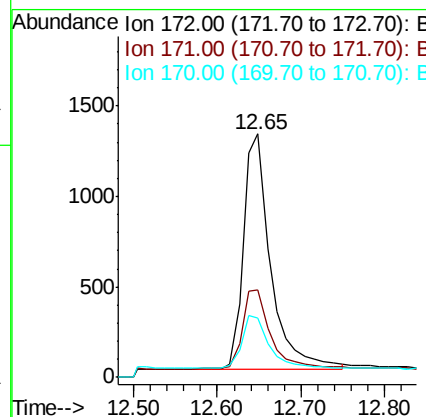
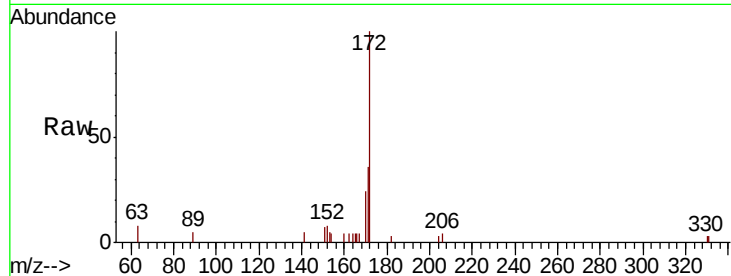




#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 12.65 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BN010036.D
Acq: 02 Mar 2020 12:22

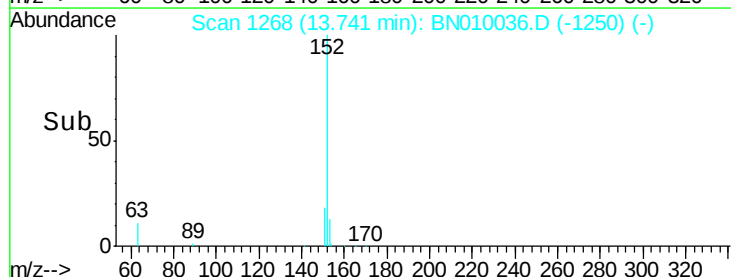
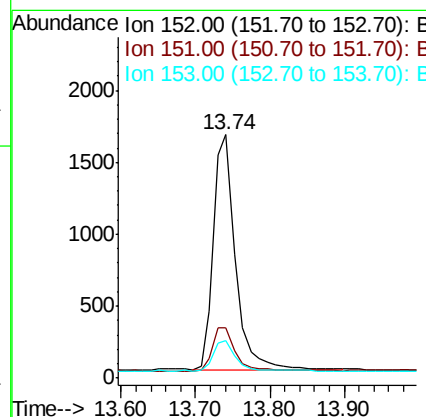
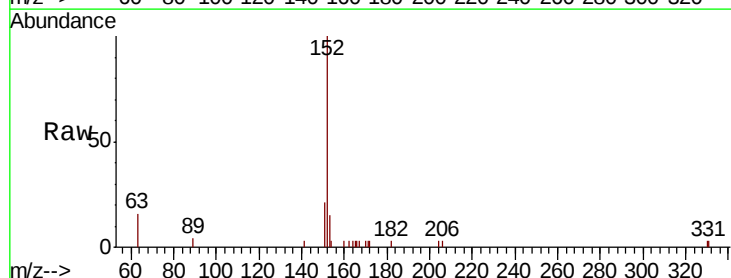
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

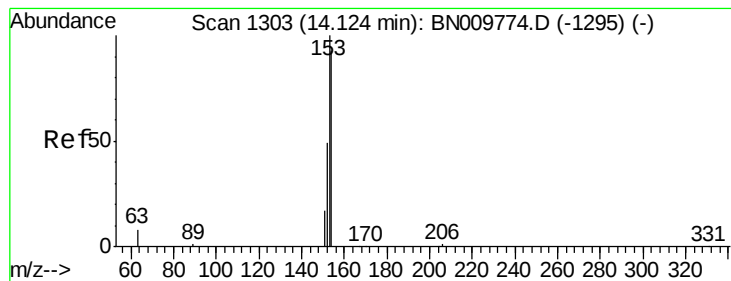
Tot Ion:172 Resp: 2928
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 24.2 19.4 29.0



#16
Acenaphthylene
Concen: 0.385 ng
RT: 13.74 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BN010036.D
Acq: 02 Mar 2020 12:22

Tgt Ion:152 Resp: 3368
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 13.5 10.8 16.2





#17

Acenaphthene

Concen: 0.386 ng

RT: 14.09 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

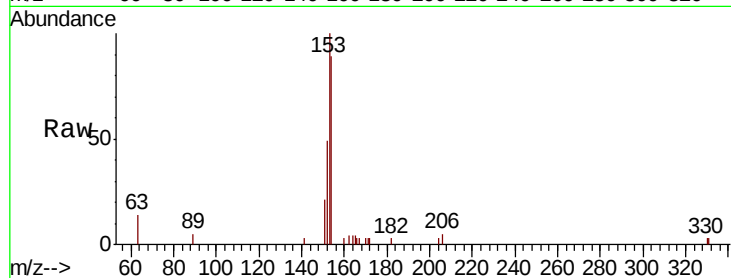
Tot Ion:154 Resp: 2376

Ion Ratio Lower Upper

154 100

153 114.3 91.4 137.2

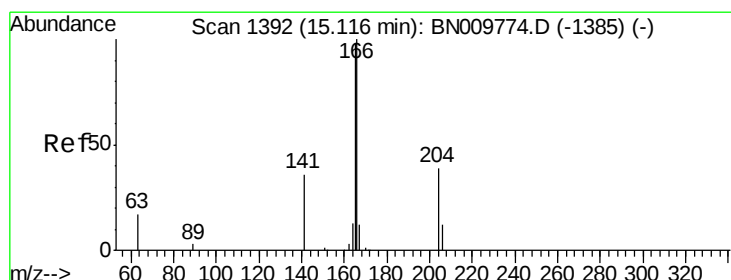
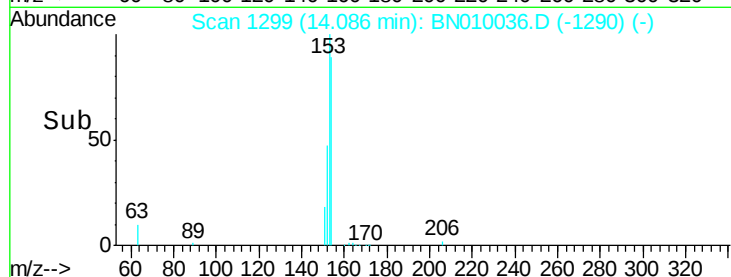
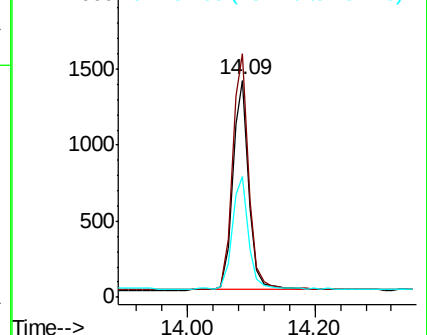
152 55.3 44.2 66.4



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: 0.389 ng

RT: 15.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

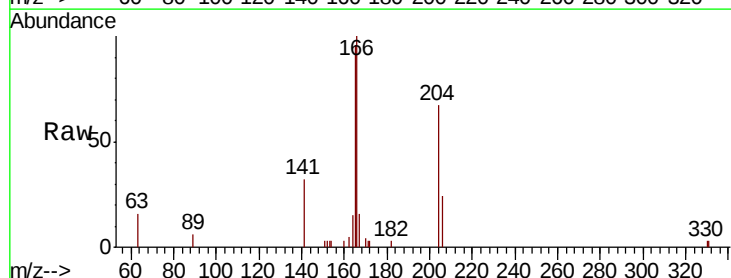
Tgt Ion:166 Resp: 3161

Ion Ratio Lower Upper

166 100

165 96.4 77.1 115.7

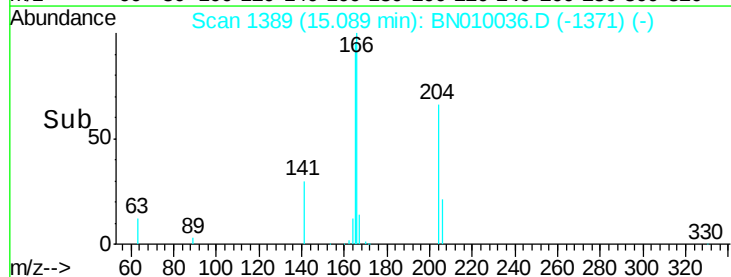
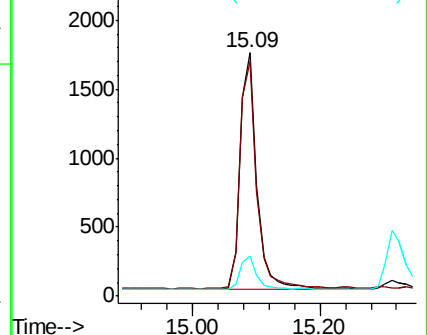
167 14.1 11.3 16.9



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# 1544

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

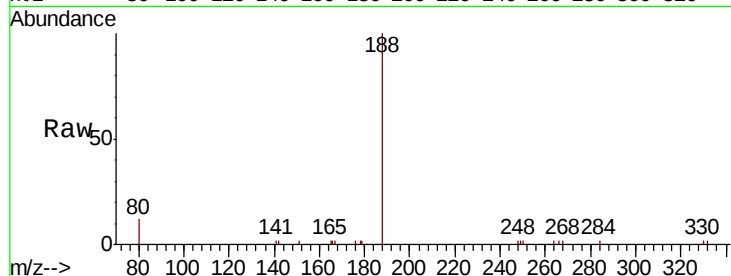
Tot Ion:188 Resp: 4848

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

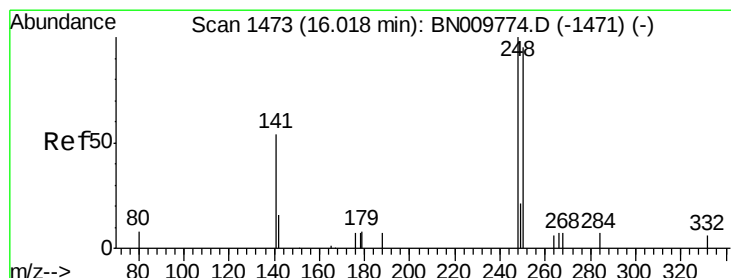
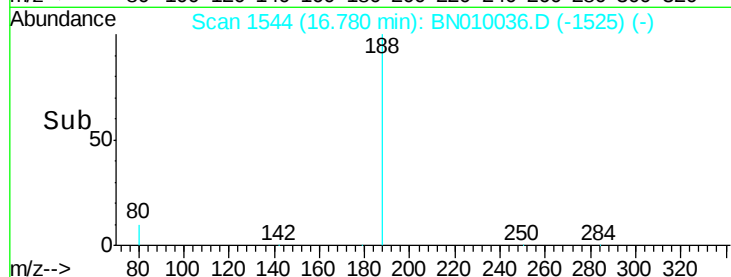
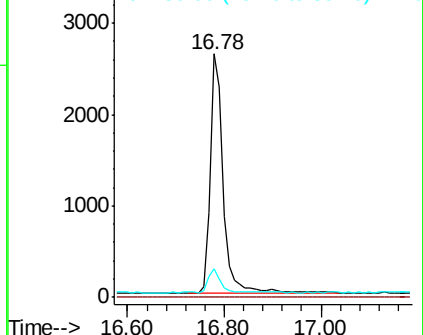
80 11.8 9.4 14.2



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. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

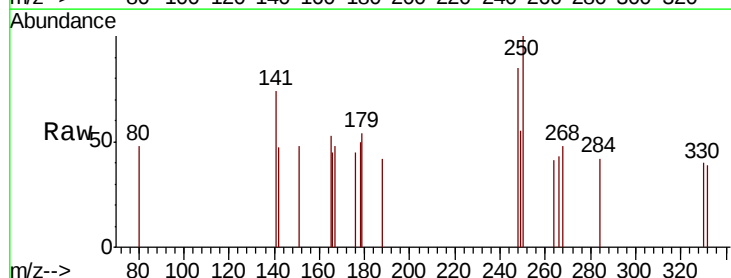
Tgt Ion:248 Resp: 260

Ion Ratio Lower Upper

248 100

250 117.7 94.2 141.2

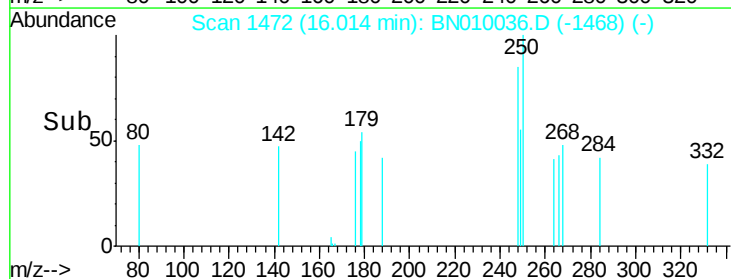
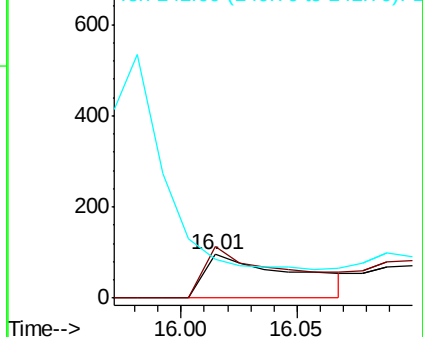
141 87.5 70.0 105.0

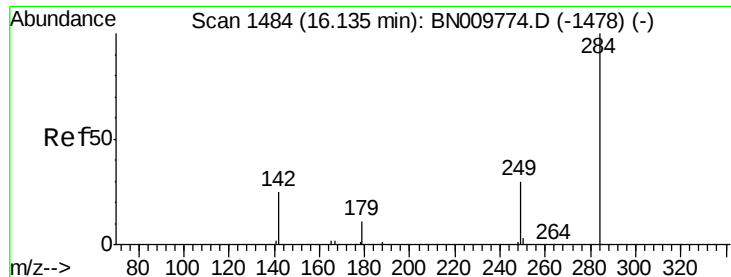


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

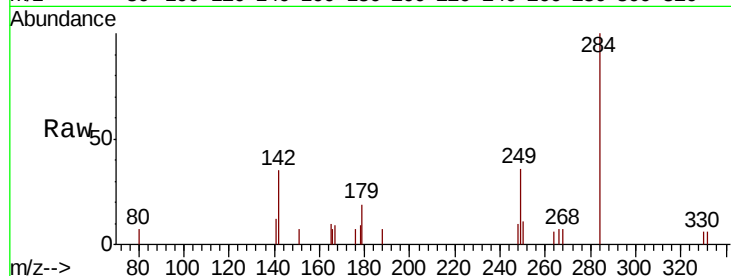




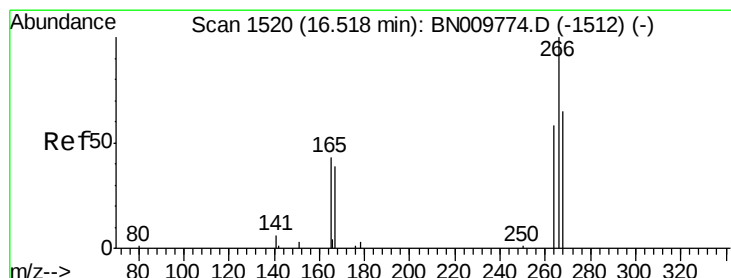
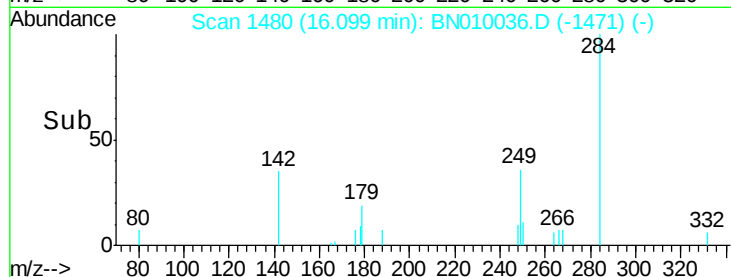
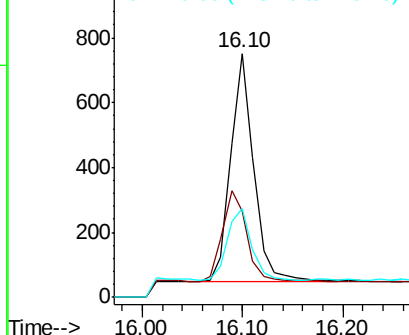
#21
Hexachlorobenzene
Concen: 0.374 ng
RT: 16.10 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BN010036.D
Acq: 02 Mar 2020 12:22

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
284	100		
142	41.6	33.3	49.9
249	32.5	26.0	39.0

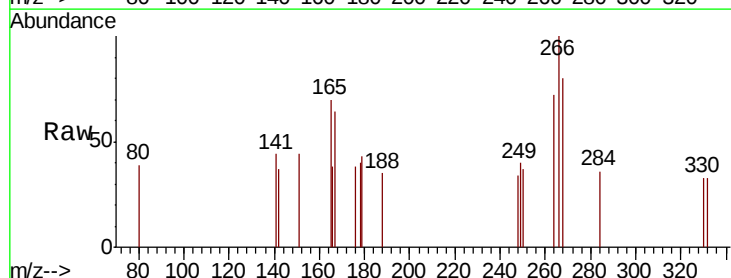


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

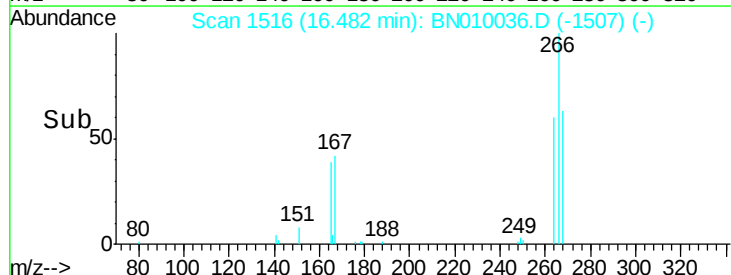
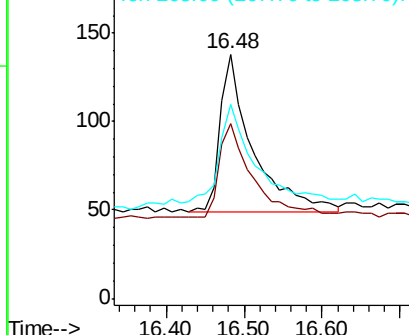


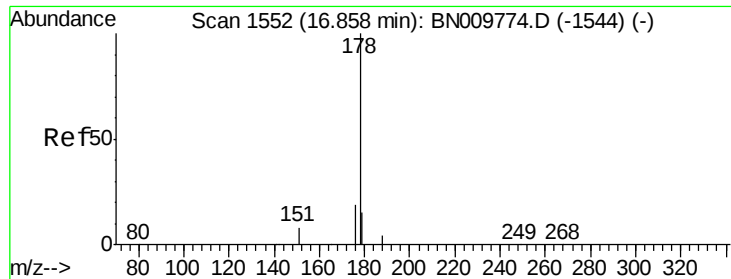
#22
Pentachlorophenol
Concen: 0.436 ng
RT: 16.48 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BN010036.D
Acq: 02 Mar 2020 12:22

Tgt Ion	Ratio	Lower	Upper
266	100		
264	71.7	57.4	86.0
268	79.7	63.8	95.6



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: 0.374 ng

RT: 16.82 min Scan# 1548

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

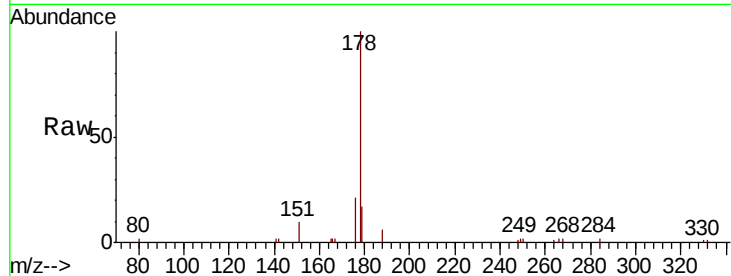
Tot Ion:178 Resp: 5398

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

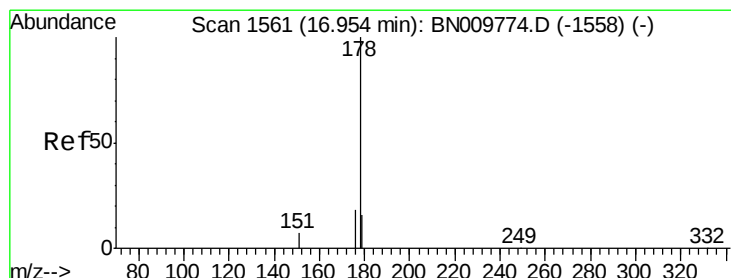
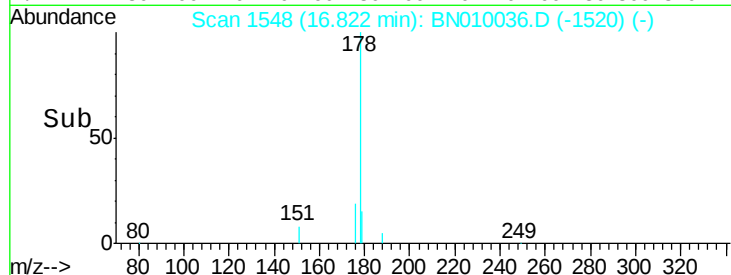
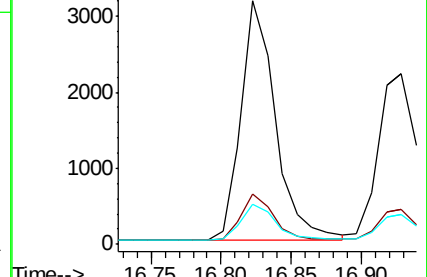
179 15.3 12.2 18.4



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: 0.382 ng

RT: 16.93 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

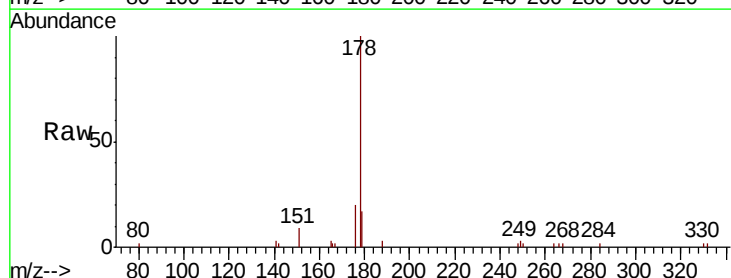
Tgt Ion:178 Resp: 4656

Ion Ratio Lower Upper

178 100

176 17.7 14.2 21.2

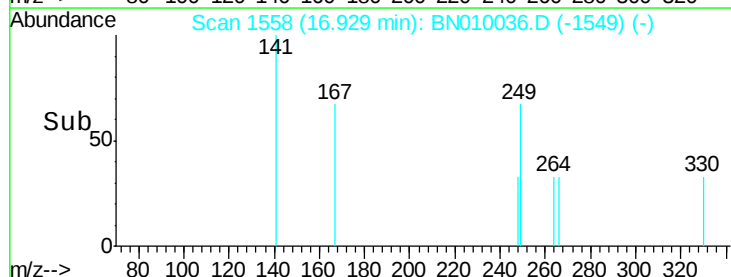
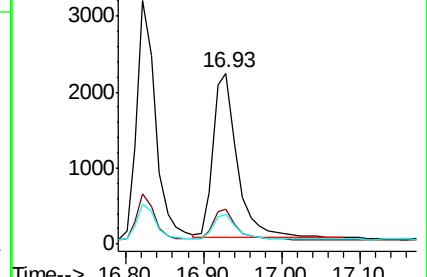
179 14.8 11.8 17.8

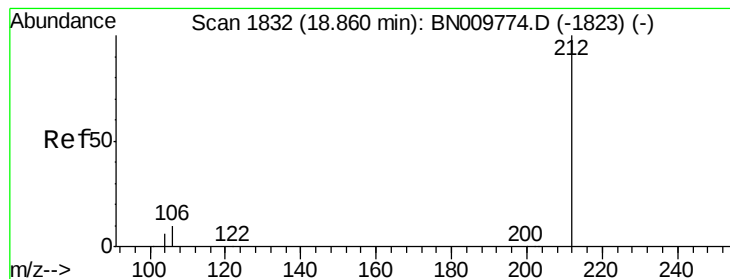


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.380 ng

RT: 18.83 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

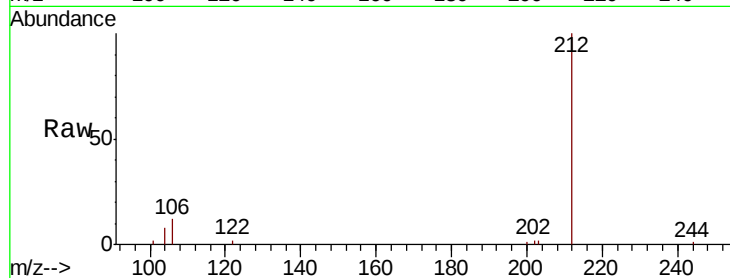
Tot Ion:212 Resp: 6369

Ion Ratio Lower Upper

212 100

106 10.3 8.2 12.4

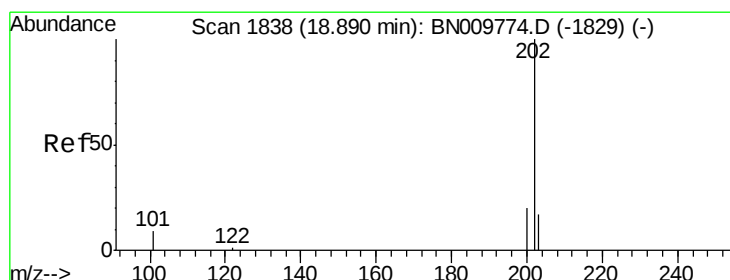
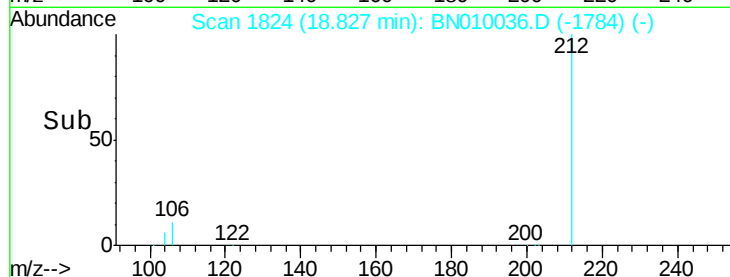
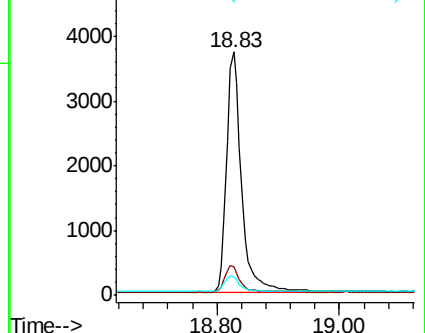
104 6.3 5.0 7.6



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: 0.386 ng

RT: 18.86 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

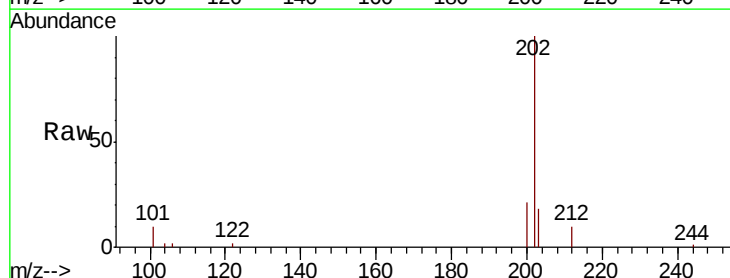
Tgt Ion:202 Resp: 6665

Ion Ratio Lower Upper

202 100

101 8.8 7.0 10.6

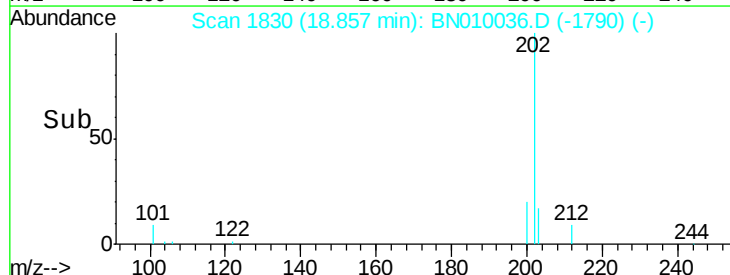
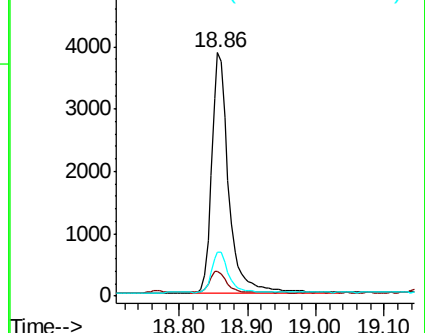
203 16.8 13.4 20.2



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: 21.01 min Scan# 2156

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

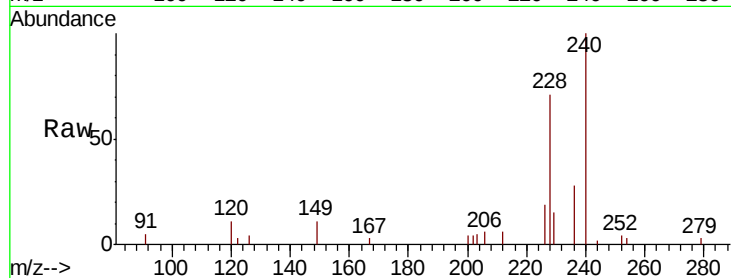
Tot Ion:240 Resp: 4346

Ion Ratio Lower Upper

240 100

120 10.6 8.5 12.7

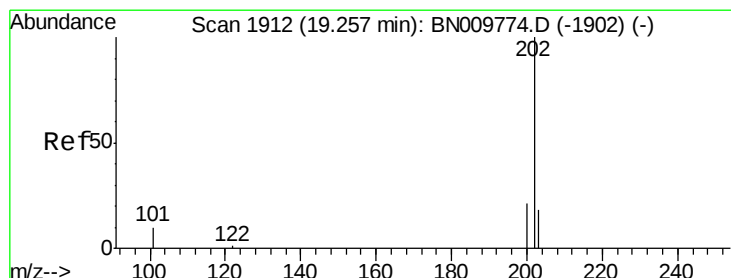
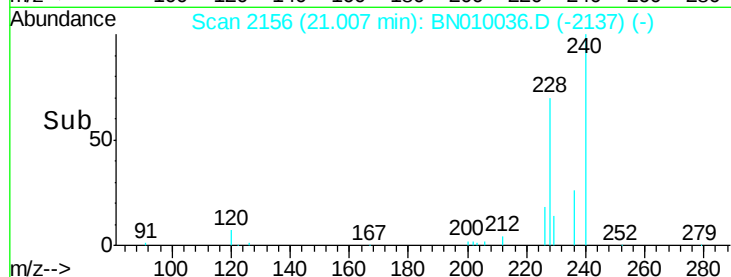
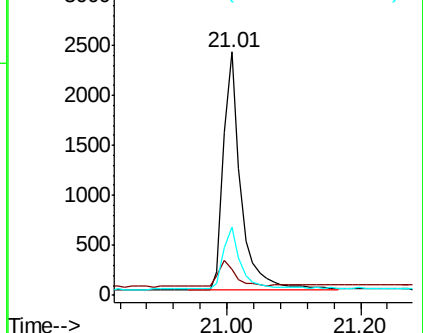
236 28.1 22.5 33.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.414 ng

RT: 19.22 min Scan# 1904

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

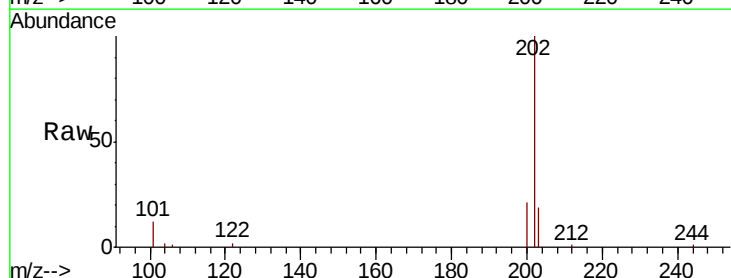
Tgt Ion:202 Resp: 6828

Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.2

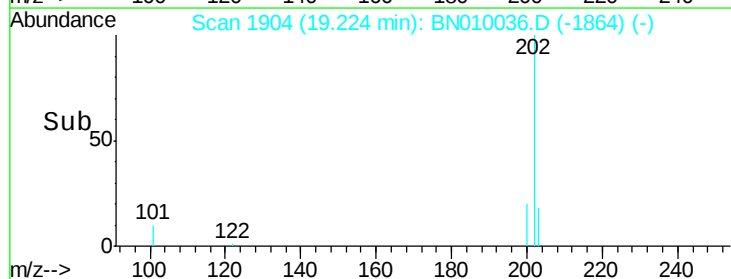
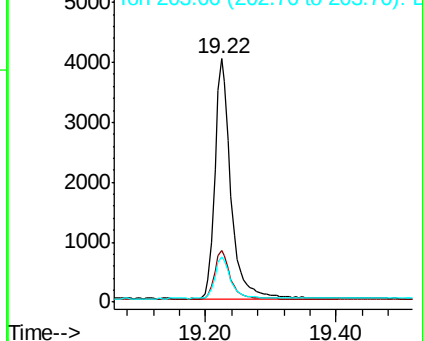
203 17.5 14.0 21.0

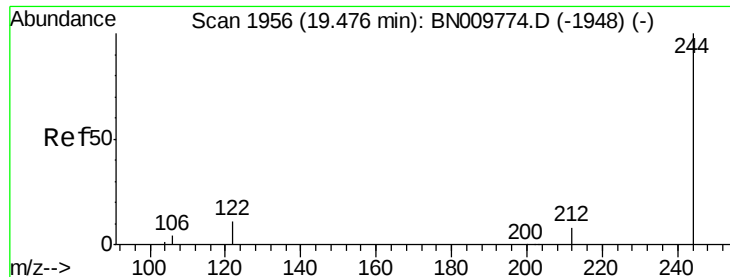


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.397 ng

RT: 19.44 min Scan# 1948

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

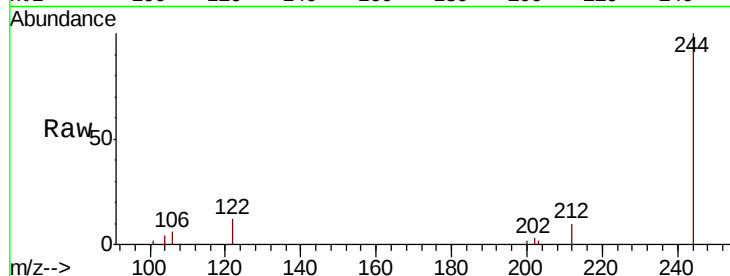
Tot Ion:244 Resp: 4120

Ion Ratio Lower Upper

244 100

212 10.0 8.0 12.0

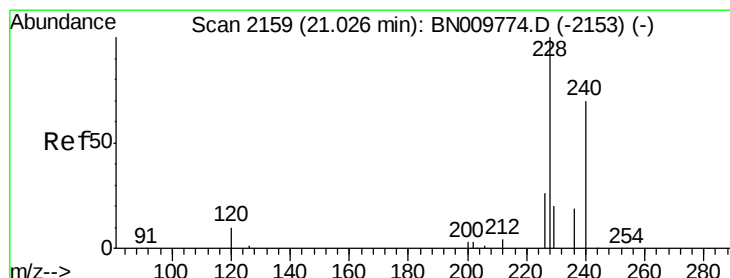
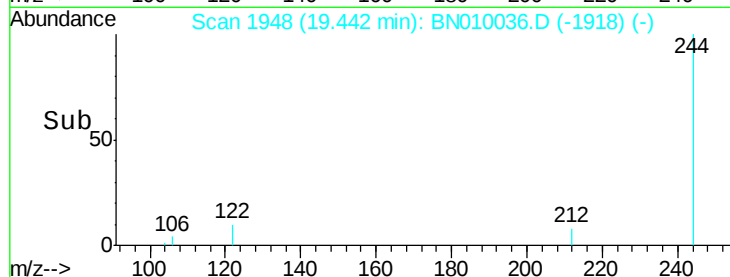
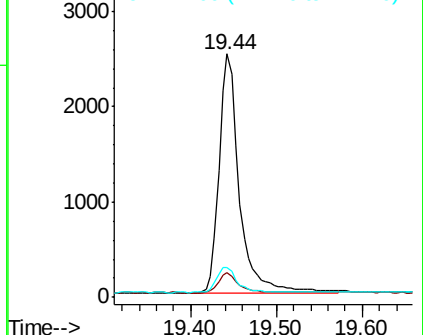
122 12.4 9.9 14.9



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: 0.357 ng

RT: 21.00 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

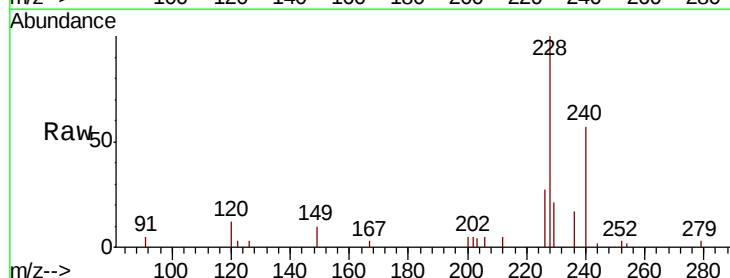
Tgt Ion:228 Resp: 5144

Ion Ratio Lower Upper

228 100

226 27.0 21.6 32.4

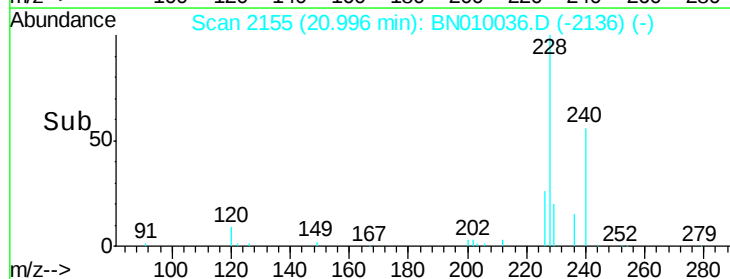
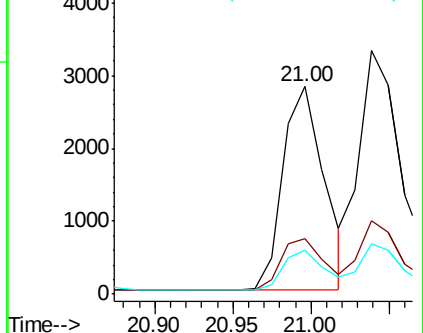
229 21.4 17.1 25.7

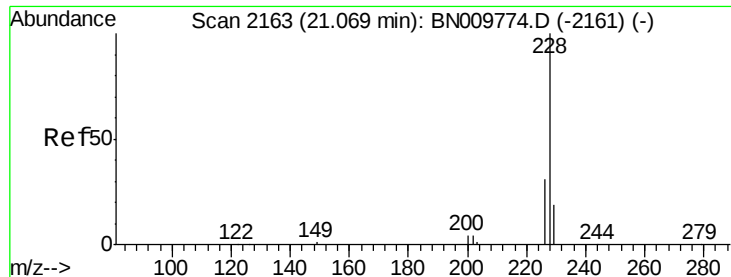


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.385 ng

RT: 21.04 min Scan# 2159

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

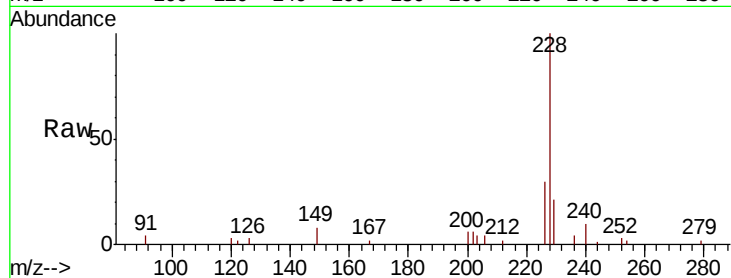
Tot Ion:228 Resp: 6425

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.4

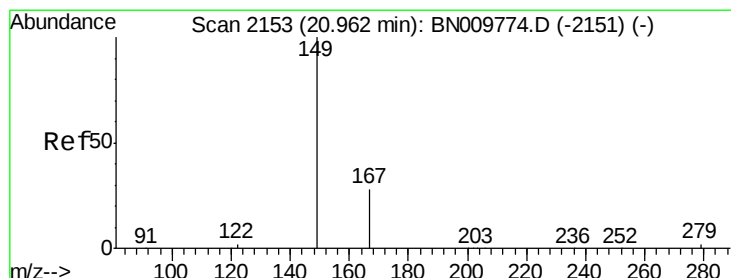
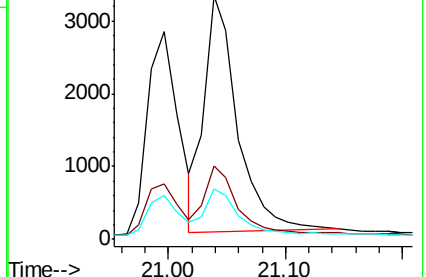
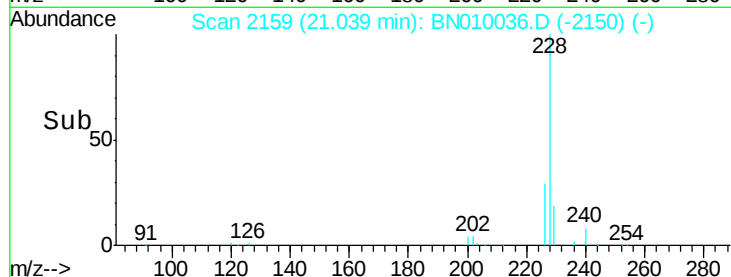
229 20.6 16.5 24.7



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.620 ng

RT: 20.93 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

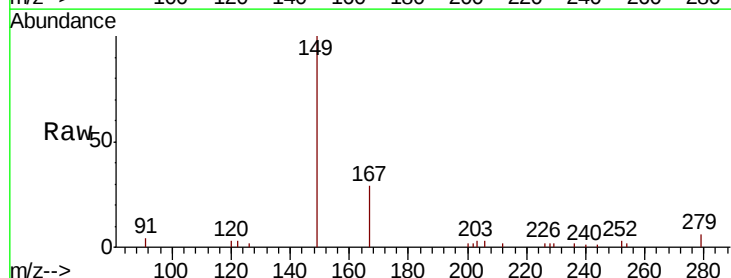
Tgt Ion:149 Resp: 4364

Ion Ratio Lower Upper

149 100

167 27.5 22.0 33.0

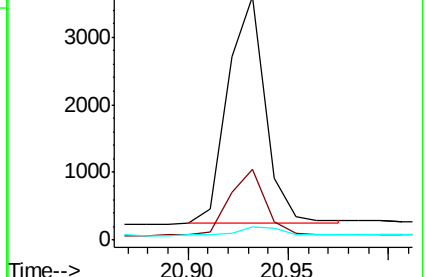
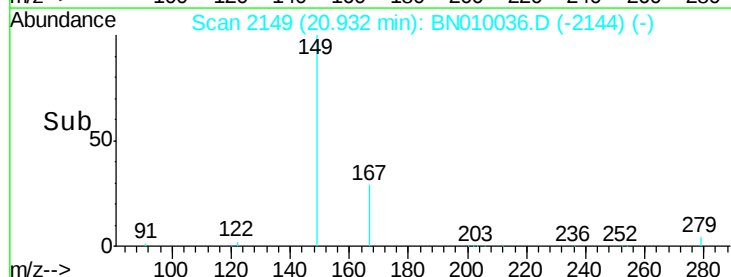
279 4.0 3.2 4.8

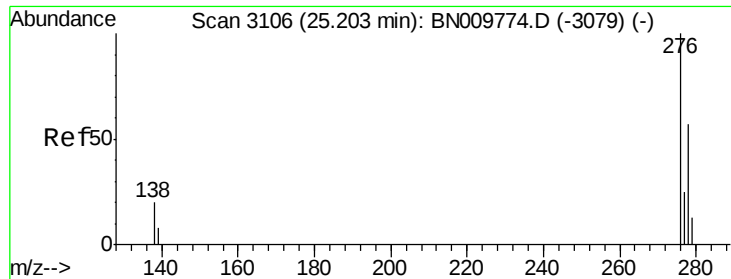


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.381 ng

RT: 25.14 min Scan# 3087

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

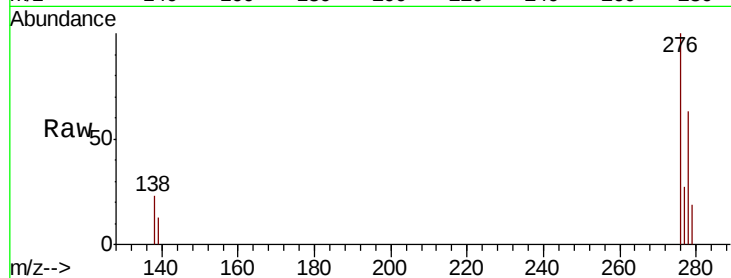
Tot Ion:276 Resp: 6615

Ion Ratio Lower Upper

276 100

138 20.8 16.6 25.0

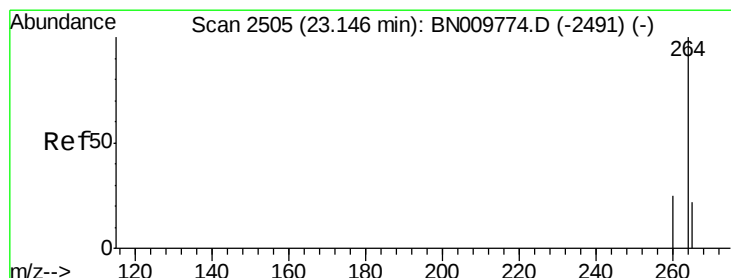
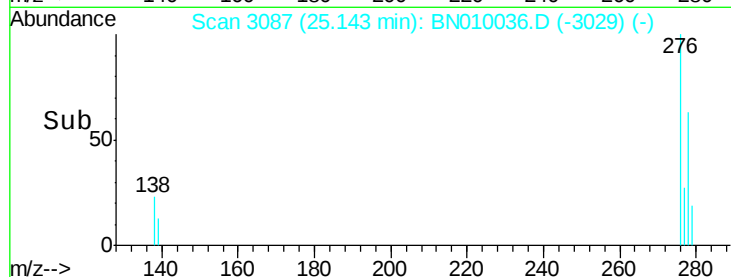
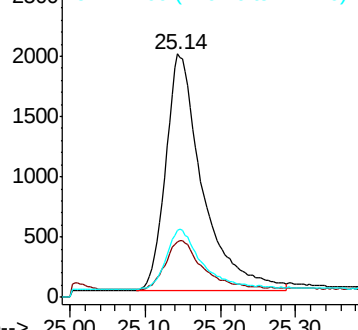
277 23.3 18.6 28.0



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: BN010036.D

Acq: 02 Mar 2020 12:22

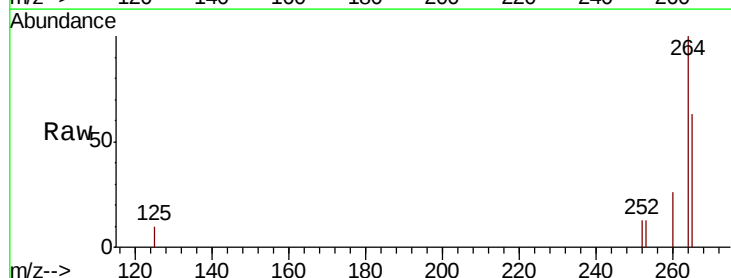
Tgt Ion:264 Resp: 4678

Ion Ratio Lower Upper

264 100

260 25.5 20.4 30.6

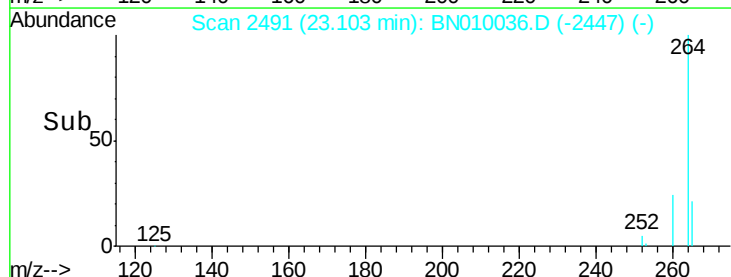
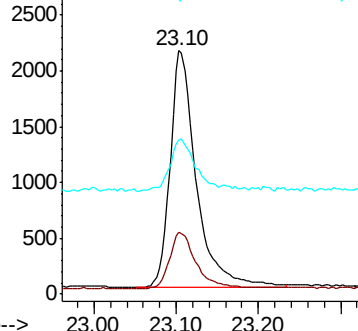
265 63.1 50.5 75.7



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

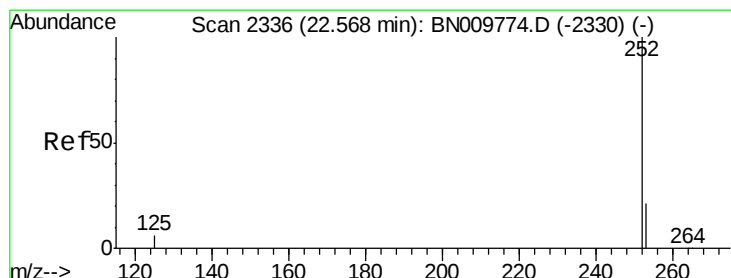
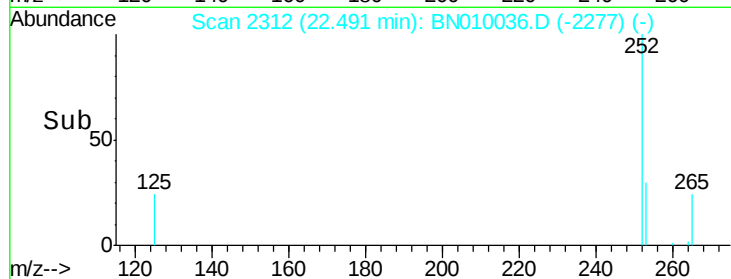
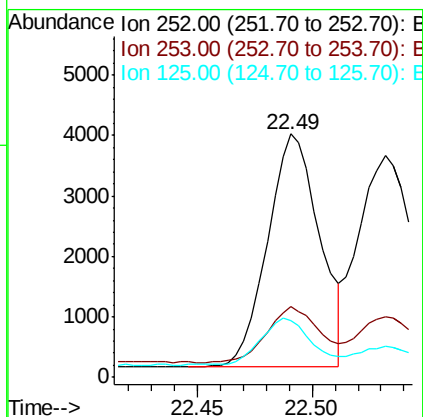
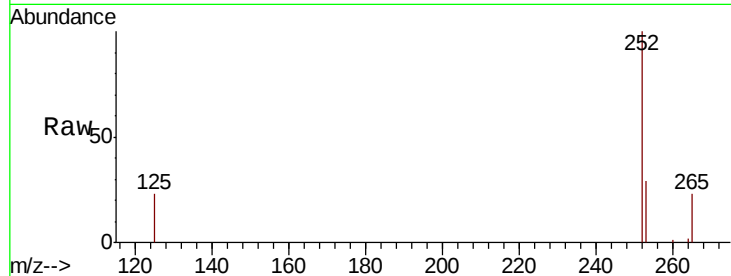




#35
Benzo(b)fluoranthene
Concen: 0.356 ng
RT: 22.49 min Scan# 2312
Delta R.T. 0.00 min
Lab File: BN010036.D
Acq: 02 Mar 2020 12:22

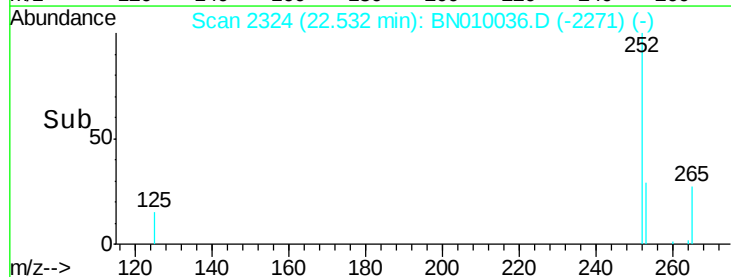
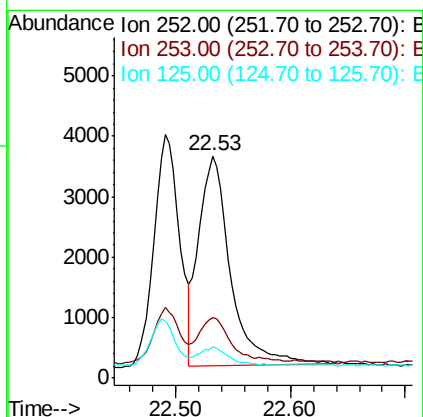
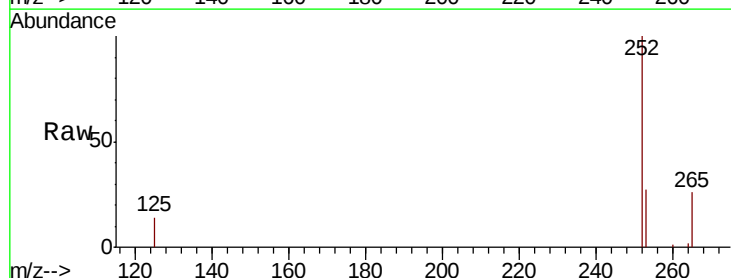
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

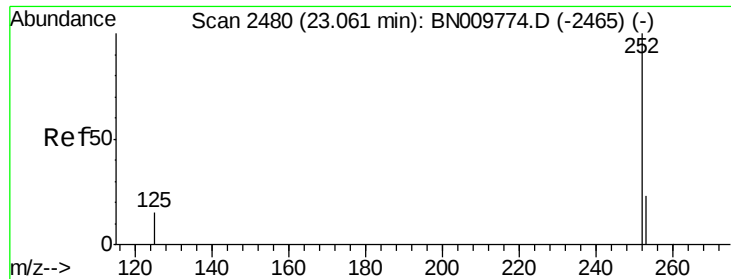
Tot Ion:252 Resp: 6090
Ion Ratio Lower Upper
252 100
253 28.9 23.1 34.7
125 23.2 18.6 27.8



#36
Benzo(k)fluoranthene
Concen: 0.359 ng
RT: 22.53 min Scan# 2324
Delta R.T. 0.00 min
Lab File: BN010036.D
Acq: 02 Mar 2020 12:22

Tgt Ion:252 Resp: 6686
Ion Ratio Lower Upper
252 100
253 27.5 22.0 33.0
125 13.9 11.1 16.7





#37

Benzo(a)pyrene

Concen: 0.381 ng

RT: 23.02 min Scan# 2467

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

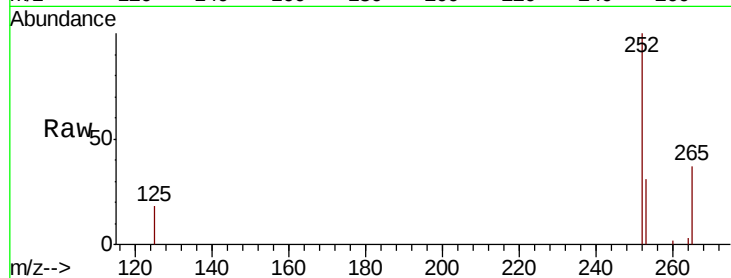
Tot Ion:252 Resp: 5952

Ion Ratio Lower Upper

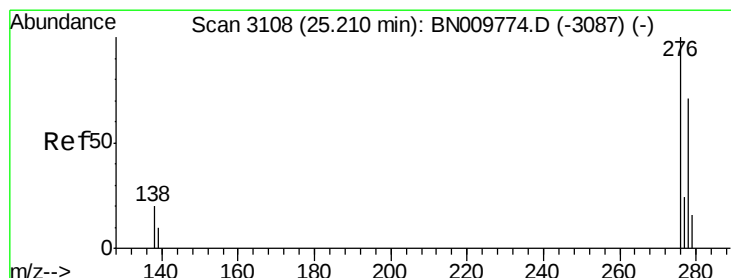
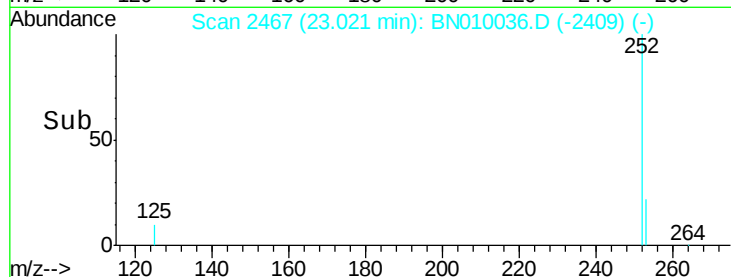
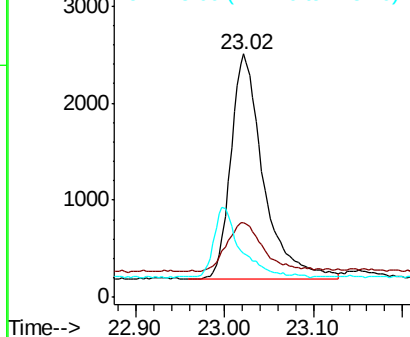
252 100

253 30.7 24.6 36.8

125 17.9 14.3 21.5



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: 0.345 ng

RT: 25.15 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

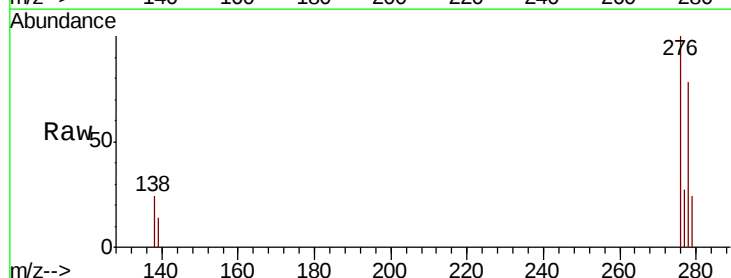
Tgt Ion:278 Resp: 5302

Ion Ratio Lower Upper

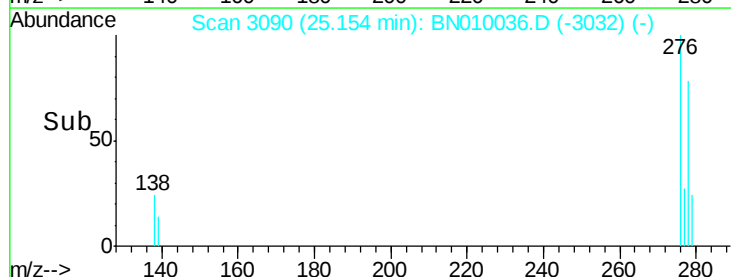
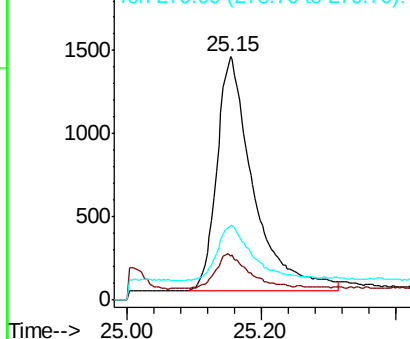
278 100

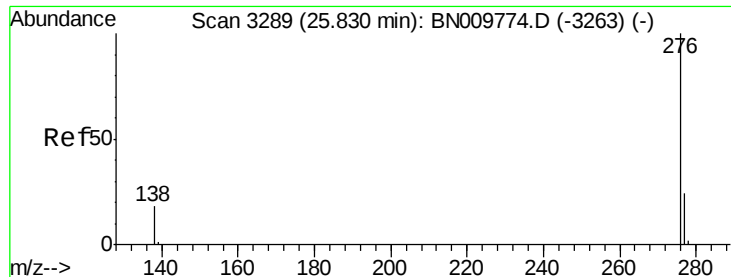
139 18.0 14.4 21.6

279 30.5 24.4 36.6



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: 0.359 ng

RT: 25.77 min Scan# 3269

Delta R.T. 0.00 min

Lab File: BN010036.D

Acq: 02 Mar 2020 12:22

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

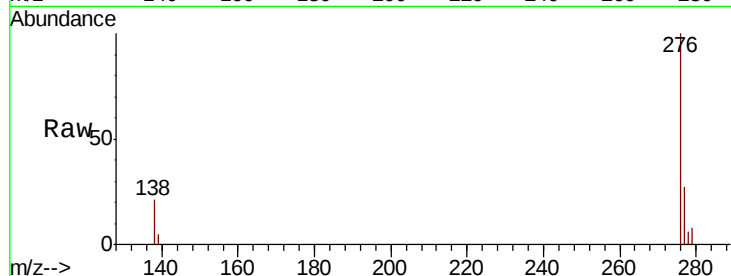
Tot Ion: 276 Resp: 5882

Ion Ratio Lower Upper

276 100

277 26.7 21.4 32.0

138 21.2 17.0 25.4



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

