

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021920\
 Data File : BN009776.D
 Acq On : 19 Feb 2020 13:32
 Operator : CG/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 19 14:15:10 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 13:45:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	1009	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	3272	0.40	ng	-0.01
13) Acenaphthene-d10	14.05	164	2032	0.40	ng	-0.01
19) Phenanthrene-d10	16.80	188	4537	0.40	ng	-0.01
27) Chrysene-d12	21.03	240	4411	0.40	ng	-0.01
34) Perylene-d12	23.14	264	4202	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.08	112	3658	1.58	ng	0.00
5) Phenol-d6	6.62	99	4616	1.72	ng	-0.02
8) Nitrobenzene-d5	8.57	82	4762	1.83	ng	-0.03
11) 2-Methylnaphthalene-d10	11.77	152	10596	1.68	ng	-0.02
14) 2,4,6-Tribromophenol	15.56	330	1307	1.70	ng	-0.02
15) 2-Fluorobiphenyl	12.66	172	13119	1.73	ng	-0.02
25) Fluoranthene-d10	18.85	212	26558	1.71	ng	-0.01
29) Terphenyl-d14	19.47	244	17169	1.64	ng	0.00

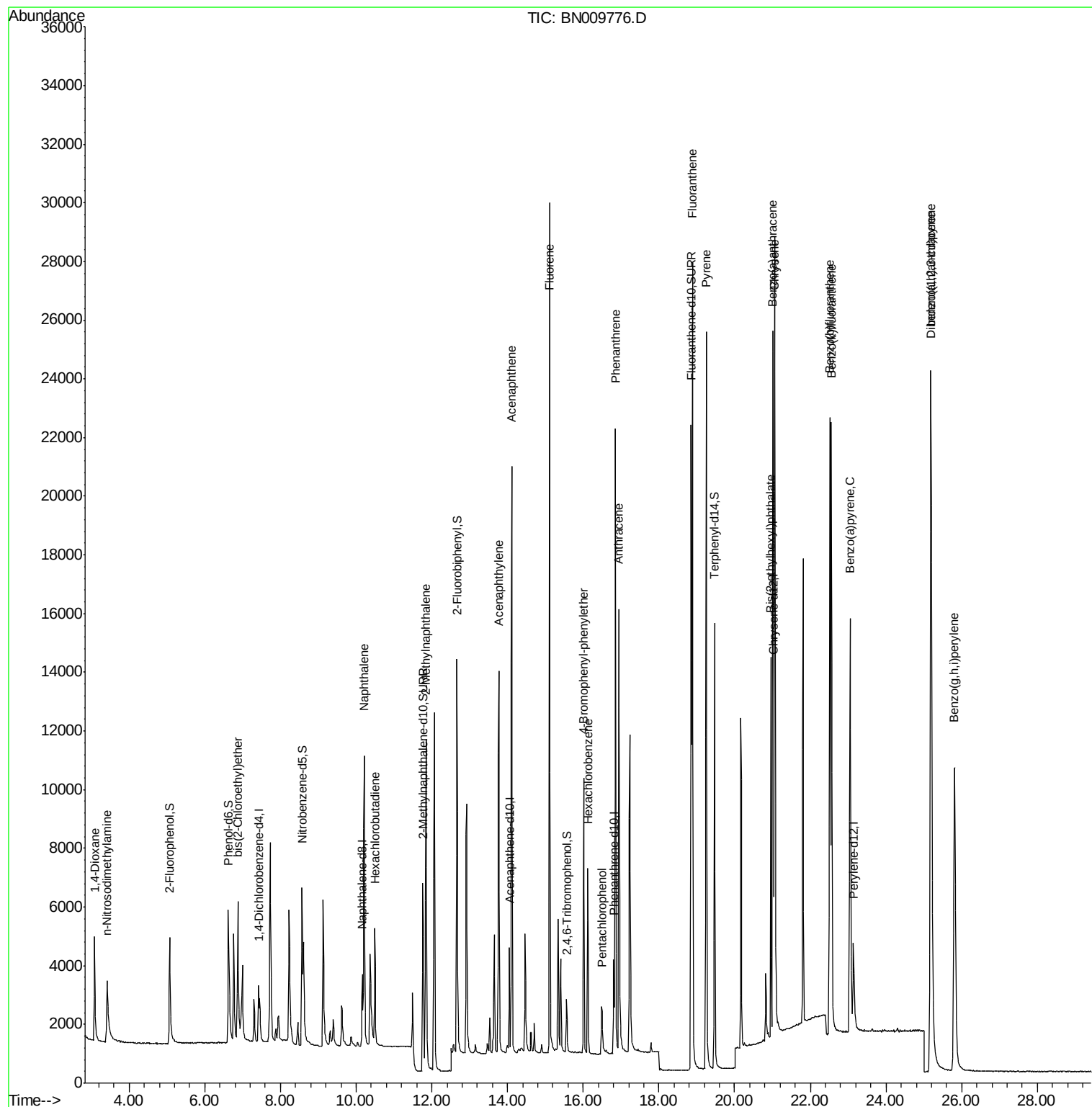
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.09	88	1722	1.636	ng	98
3) n-Nitrosodimethylamine	3.42	42	2989	1.839	ng	# 95
6) bis(2-Chloroethyl)ether	6.87	93	3954	1.430	ng	86
9) Naphthalene	10.21	128	14415	1.628	ng	94
10) Hexachlorobutadiene	10.49	225	3131	1.612	ng	# 97
12) 2-Methylnaphthalene	11.84	142	10092	1.635	ng	98
16) Acenaphthylene	13.77	152	14967	1.708	ng	99
17) Acenaphthene	14.11	154	10178	1.651	ng	99
18) Fluorene	15.12	166	13474	1.678	ng	99
20) 4-Bromophenyl-phenylether	16.01	248	4035	1.477	ng	99
21) Hexachlorobenzene	16.12	284	4700	1.616	ng	99
22) Pentachlorophenol	16.50	266	1244	1.523	ng	87
23) Phenanthrene	16.85	178	22589	1.657	ng	99
24) Anthracene	16.94	178	19535	1.707	ng	100
26) Fluoranthene	18.88	202	27578	1.725	ng	100
28) Pyrene	19.25	202	26996	1.615	ng	100
30) Benzo(a)anthracene	21.00	228	24632	1.699	ng	98
31) Chrysene	21.06	228	27688	1.670	ng	98
32) Bis(2-ethylhexyl)phthalate	20.96	149	10892	1.699	ng	100
33) Indeno(1,2,3-cd)pyrene	25.19	276	29510	1.711	ng	98
35) Benzo(b)fluoranthene	22.51	252	26596	1.721	ng	# 86
36) Benzo(k)fluoranthene	22.56	252	27691	1.623	ng	# 91
37) Benzo(a)pyrene	23.05	252	23474	1.725	ng	# 82
38) Dibenzo(a,h)anthracene	25.20	278	23977	1.752	ng	91
39) Benzo(g,h,i)perylene	25.81	276	24935	1.656	ng	95

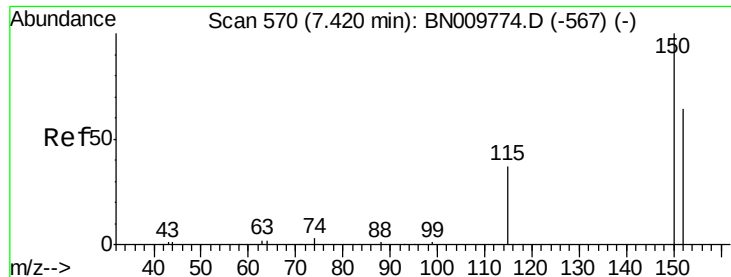
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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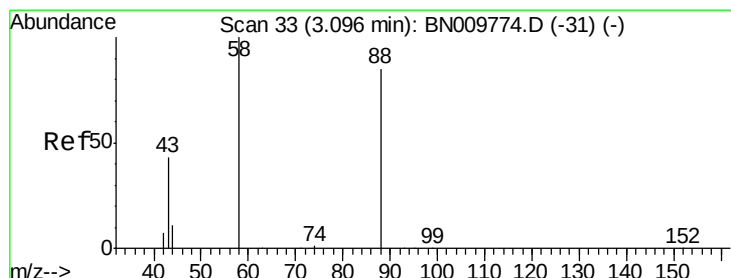
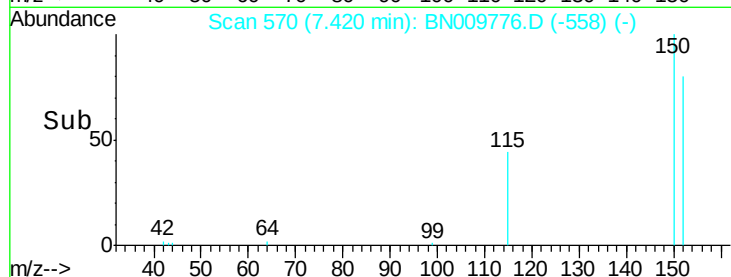
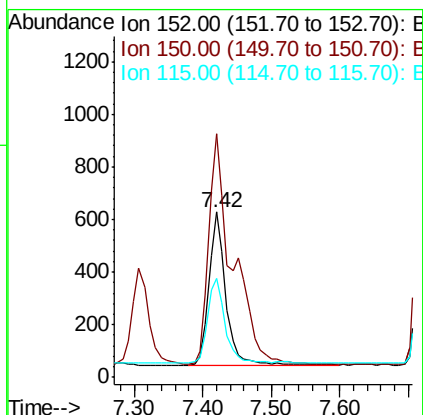
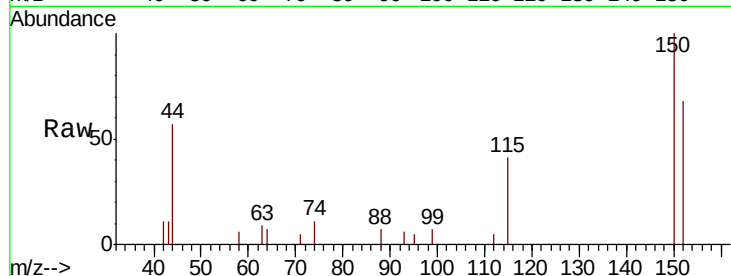


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.42 min Scan# 570
Delta R.T. -0.00 min
Lab File: BN009776.D
Acq: 19 Feb 2020 13:32

Instrument :
BNA_N
ClientSampleId :

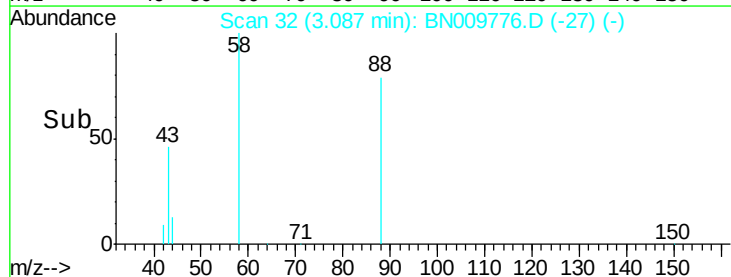
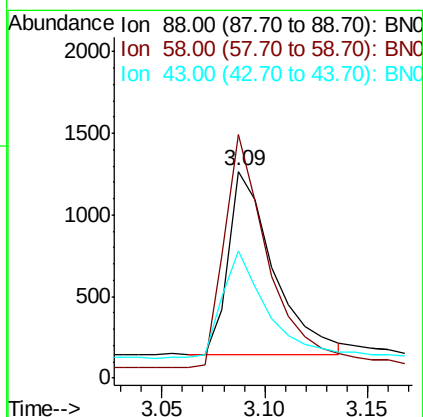
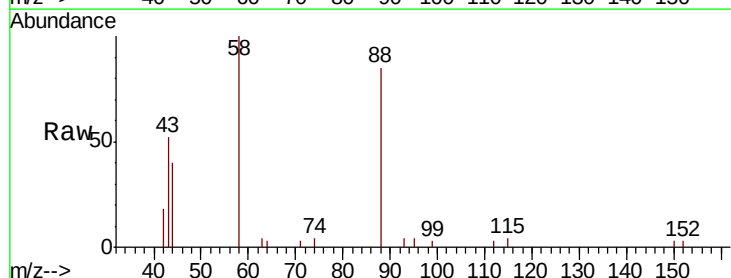
Tot Ion:152 Resp: 1009
Ion Ratio Lower Upper
152 100
150 147.2 120.6 181.0
115 60.1 51.2 76.8

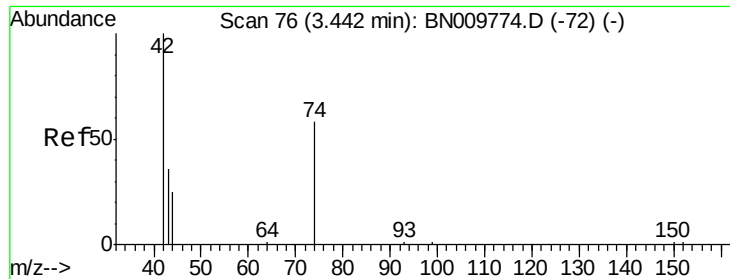


#2

1,4-Dioxane
Concen: 1.636 ng
RT: 3.09 min Scan# 32
Delta R.T. -0.01 min
Lab File: BN009776.D
Acq: 19 Feb 2020 13:32

Tgt Ion: 88 Resp: 1722
Ion Ratio Lower Upper
88 100
58 124.7 97.8 146.8
43 56.0 45.1 67.7

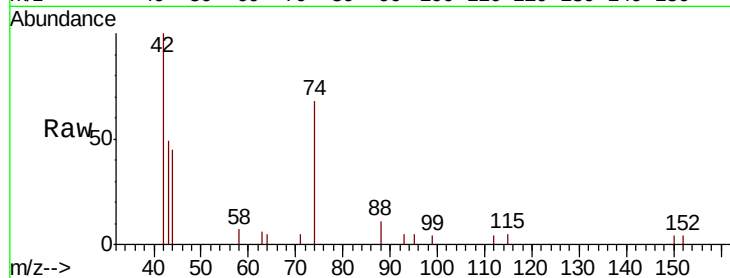




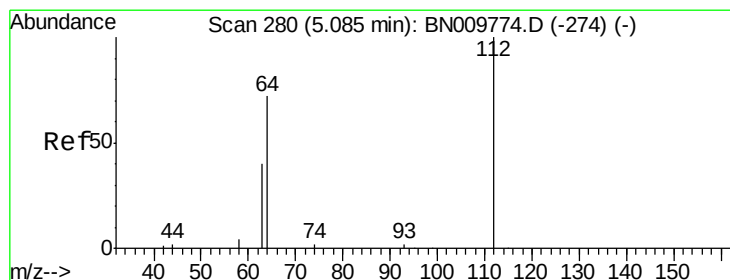
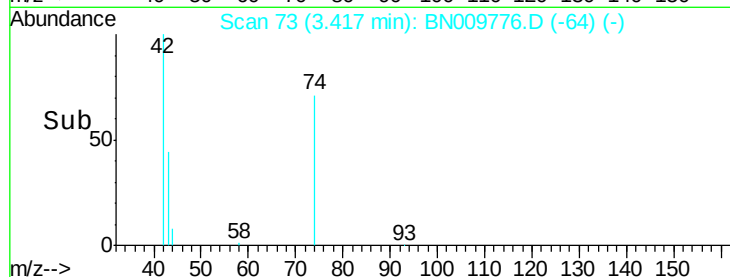
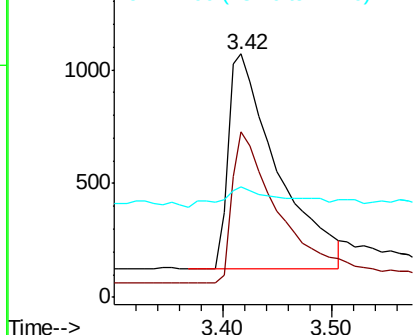
#3
 n-Nitrosodimethylamine
 Concen: 1.839 ng
 RT: 3.42 min Scan# 73
 Delta R.T. -0.02 min
 Lab File: BN009776.D
 Acq: 19 Feb 2020 13:32

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion: 42 Resp: 2989
 Ion Ratio Lower Upper
 42 100
 74 67.1 51.2 76.8
 44 11.2 2.6 4.0#

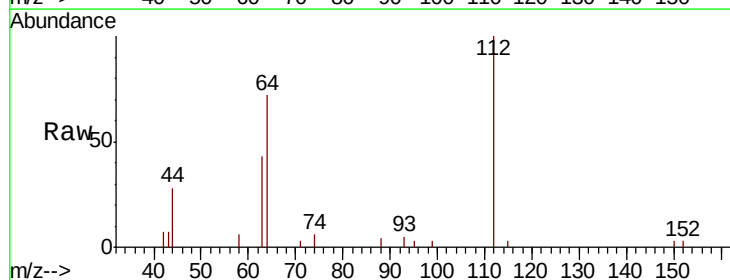


Abundance Ion 42.00 (41.70 to 42.70): BN0
 Ion 74.00 (73.70 to 74.70): BN0
 Ion 44.00 (43.70 to 44.70): BN0

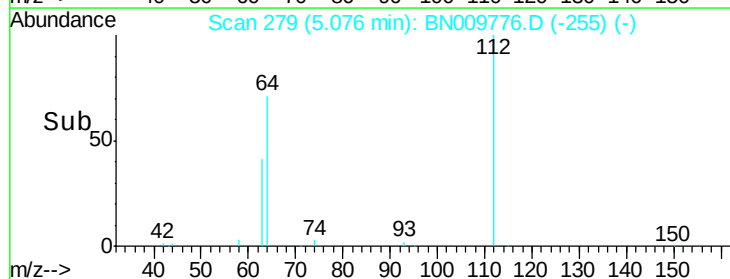
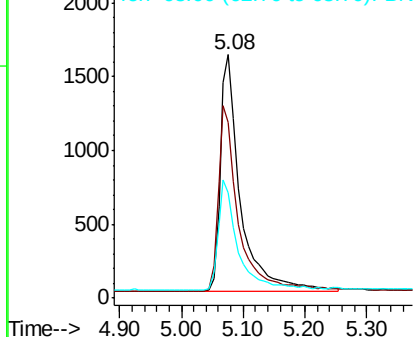


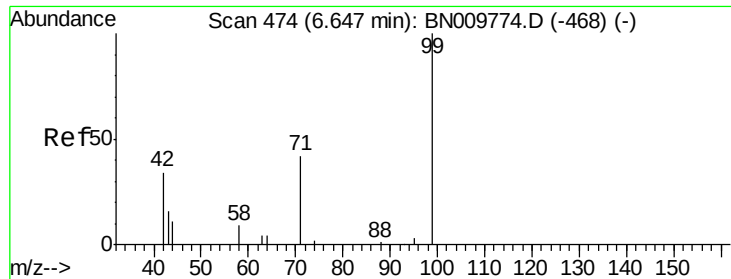
#4
 2-Fluorophenol
 Concen: 1.575 ng
 RT: 5.08 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: BN009776.D
 Acq: 19 Feb 2020 13:32

Tgt Ion: 112 Resp: 3658
 Ion Ratio Lower Upper
 112 100
 64 79.2 65.8 98.6
 63 46.4 38.7 58.1



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: 1.718 ng

RT: 6.62 min Scan# 471

Delta R.T. -0.02 min

Lab File: BN009776.D

Acq: 19 Feb 2020 13:32

Instrument :

BNA_N

ClientSampleId :

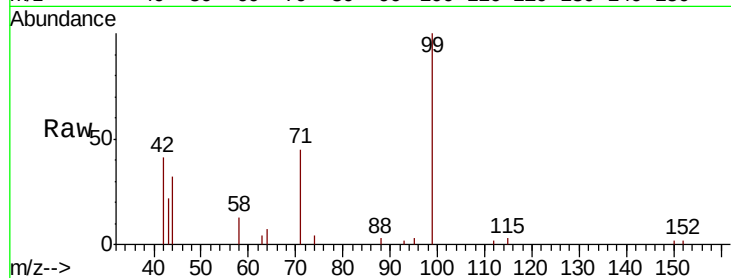
Tot Ion: 99 Resp: 4616

Ion Ratio Lower Upper

99 100

42 36.7 30.8 46.2

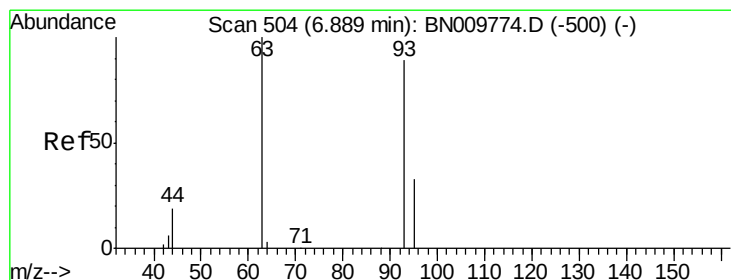
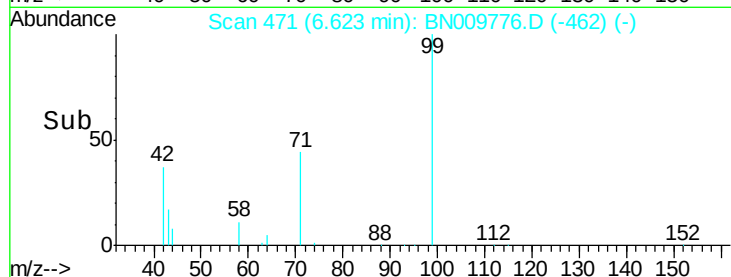
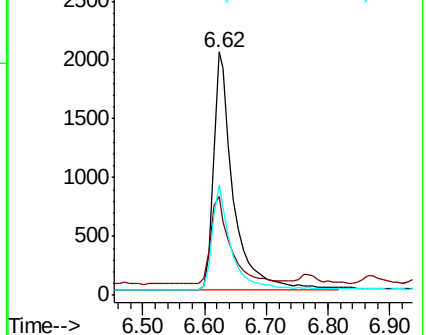
71 41.9 34.9 52.3



Abundance Ion 99.00 (98.70 to 99.70): BN009776.D (-468) (-)

Ion 42.00 (41.70 to 42.70): BN009776.D (-468) (-)

Ion 71.00 (70.70 to 71.70): BN009776.D (-468) (-)



#6

bis(2-Chloroethyl)ether

Concen: 1.430 ng

RT: 6.87 min Scan# 502

Delta R.T. -0.02 min

Lab File: BN009776.D

Acq: 19 Feb 2020 13:32

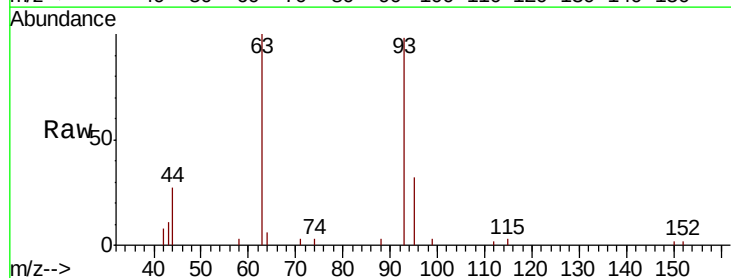
Tgt Ion: 93 Resp: 3954

Ion Ratio Lower Upper

93 100

63 108.9 74.0 111.0

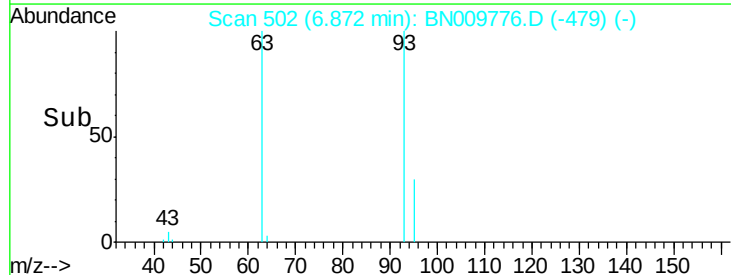
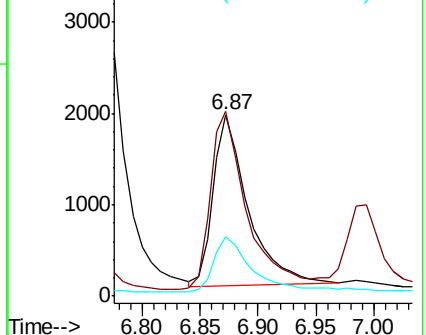
95 36.0 26.7 40.1

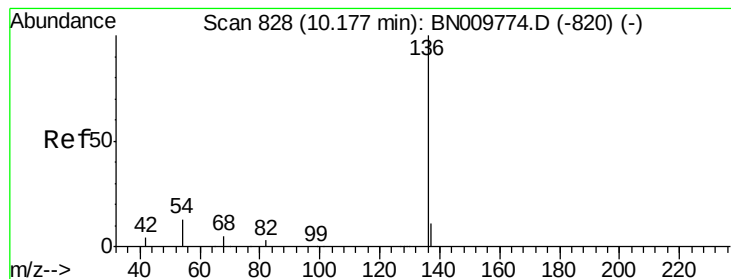


Abundance Ion 93.00 (92.70 to 93.70): BN009776.D (-479) (-)

Ion 63.00 (62.70 to 63.70): BN009776.D (-479) (-)

Ion 95.00 (94.70 to 95.70): BN009776.D (-479) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 827

Delta R.T. -0.01 min

Lab File: BN009776.D

Acq: 19 Feb 2020 13:32

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 3272

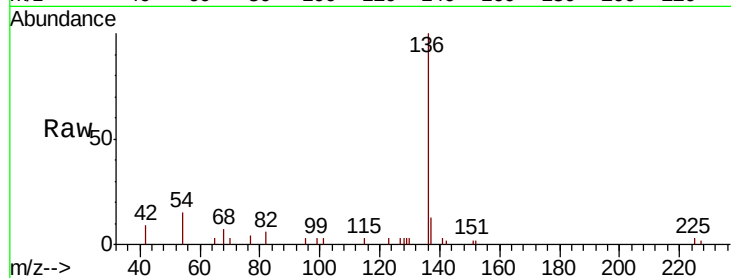
Ion Ratio Lower Upper

136 100

137 13.2 11.3 16.9

54 14.8 13.4 20.2

68 7.3 7.0 10.4

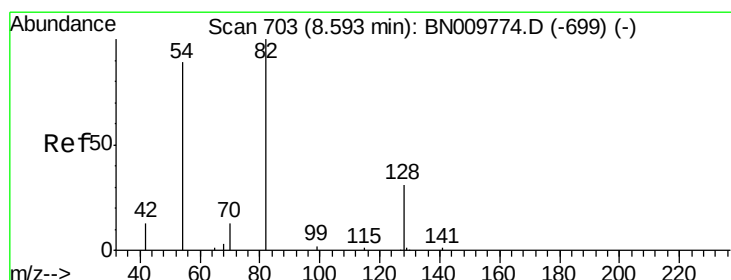
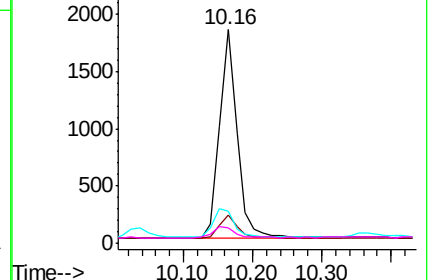
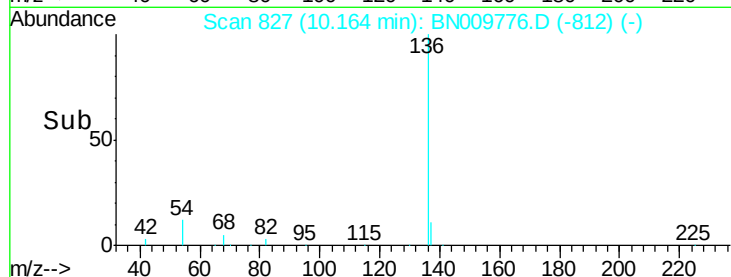


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.826 ng

RT: 8.57 min Scan# 701

Delta R.T. -0.03 min

Lab File: BN009776.D

Acq: 19 Feb 2020 13:32

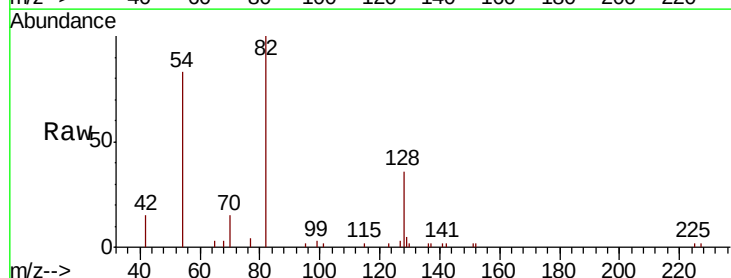
Tgt Ion: 82 Resp: 4762

Ion Ratio Lower Upper

82 100

128 36.2 32.5 48.7

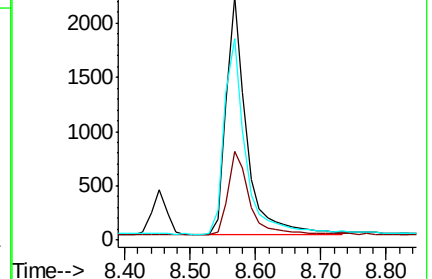
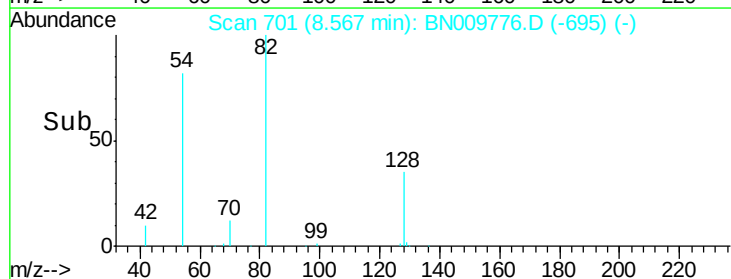
54 83.0 73.5 110.3

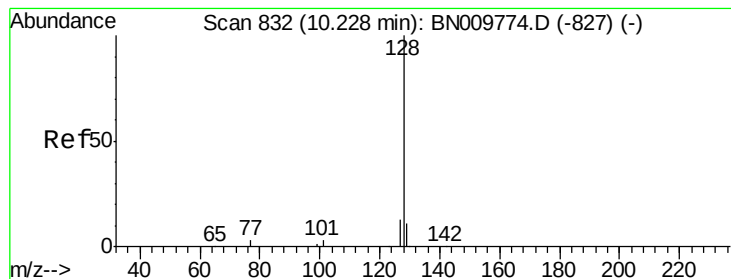


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 1.628 ng

RT: 10.21 min Scan# 831

Delta R.T. -0.01 min

Lab File: BN009776.D

Acq: 19 Feb 2020 13:32

Instrument :

BNA_N

ClientSampleId :

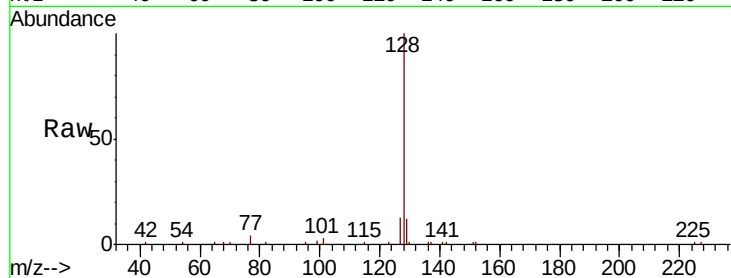
Tot Ion:128 Resp: 14415

Ion Ratio Lower Upper

128 100

129 11.7 11.1 16.7

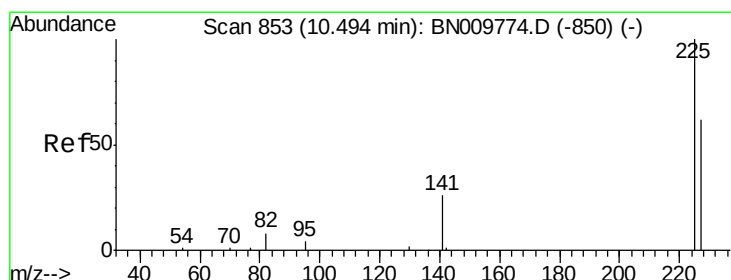
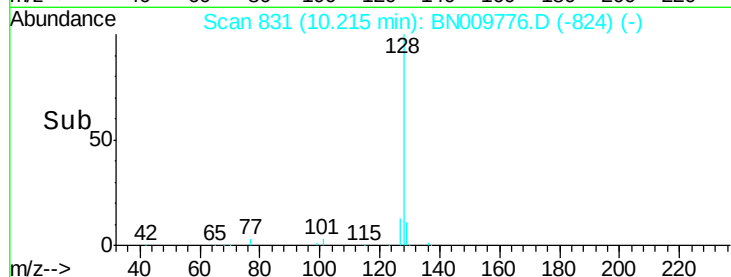
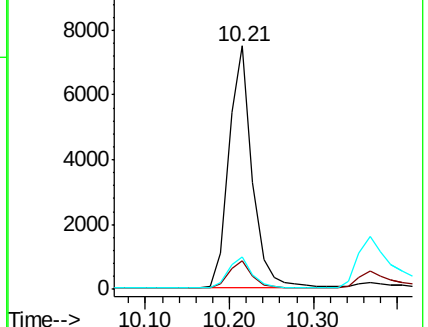
127 13.3 12.6 19.0



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: 1.612 ng

RT: 10.49 min Scan# 853

Delta R.T. -0.00 min

Lab File: BN009776.D

Acq: 19 Feb 2020 13:32

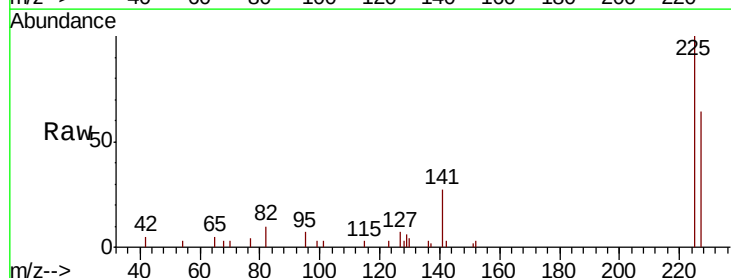
Tgt Ion:225 Resp: 3131

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

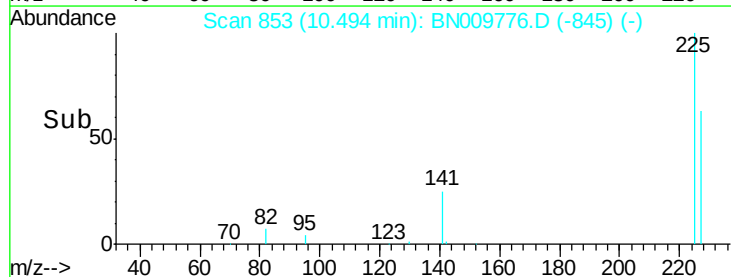
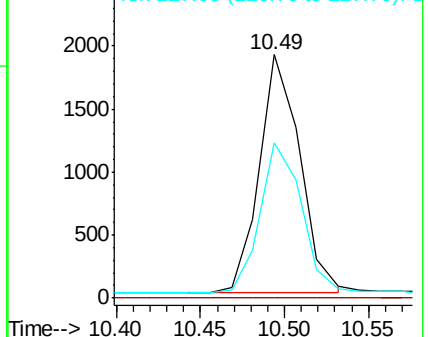
227 64.4 53.4 80.2

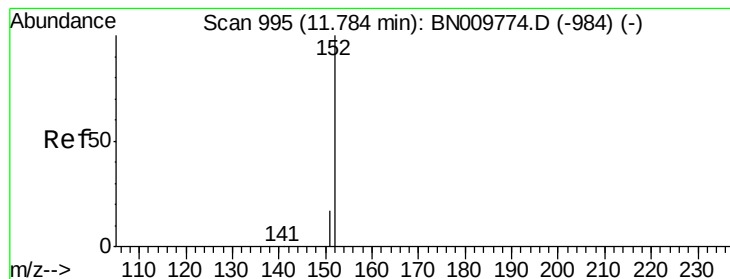


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 1.676 ng

RT: 11.77 min Scan# 991

Delta R.T. -0.02 min

Lab File: BN009776.D

Acq: 19 Feb 2020 13:32

Instrument :

BNA_N

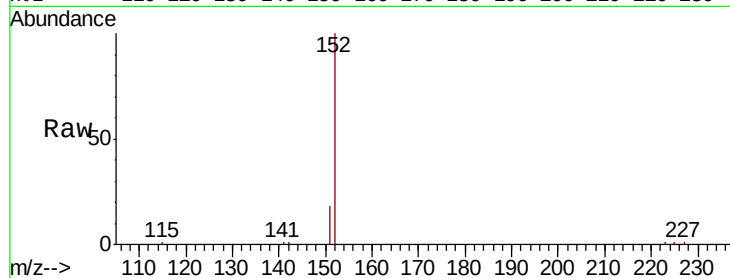
ClientSampleId :

Tot Ion:152 Resp: 10596

Ion Ratio Lower Upper

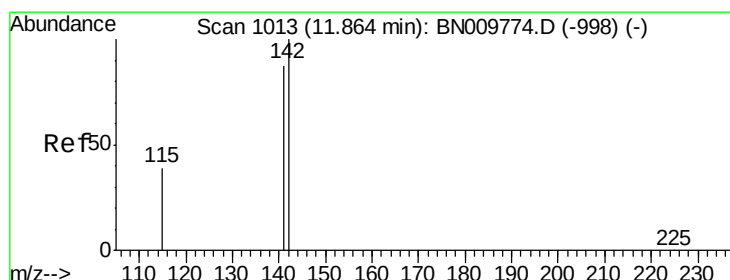
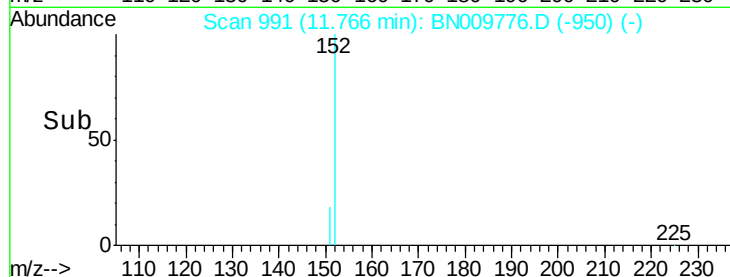
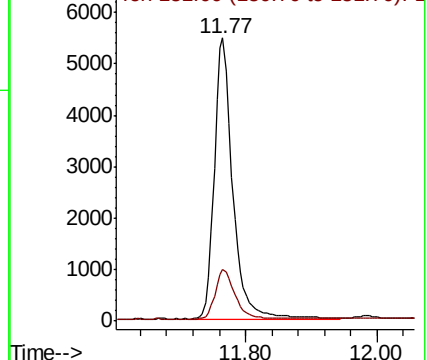
152 100

151 18.9 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: 1.635 ng

RT: 11.84 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BN009776.D

Acq: 19 Feb 2020 13:32

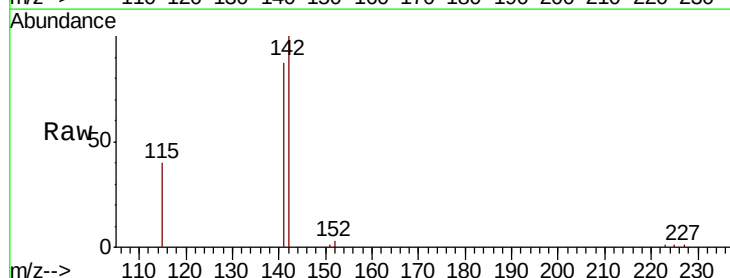
Tgt Ion:142 Resp: 10092

Ion Ratio Lower Upper

142 100

141 87.3 69.8 104.6

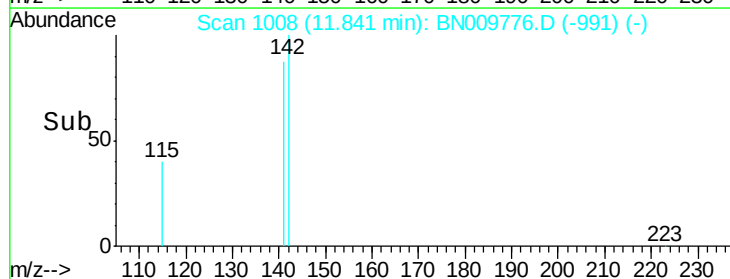
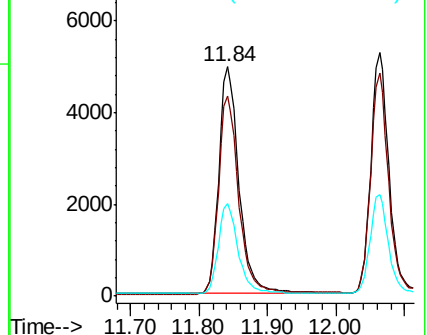
115 40.2 34.6 52.0

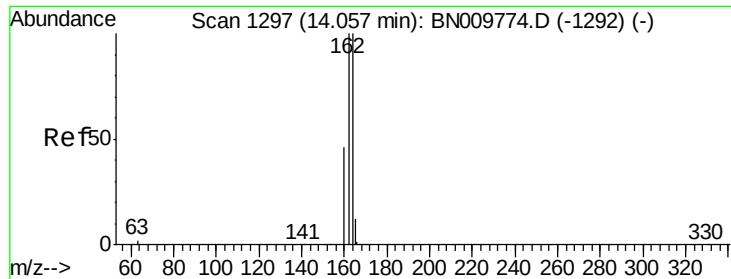


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.05 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BN009776.D

Acq: 19 Feb 2020 13:32

Instrument :

BNA_N

ClientSampleId :

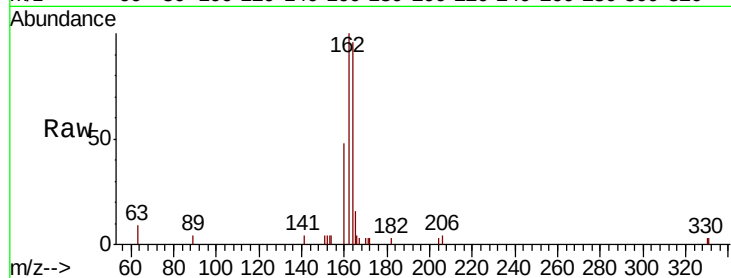
Tot Ion:164 Resp: 2032

Ion Ratio Lower Upper

164 100

162 104.2 79.9 119.9

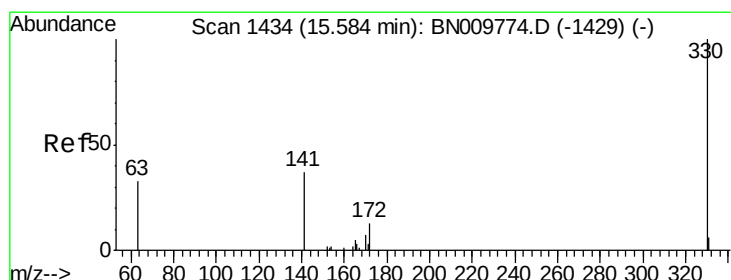
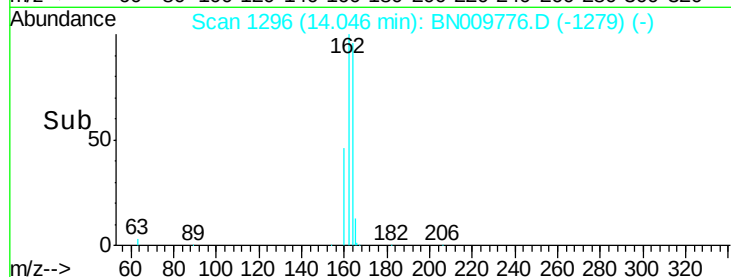
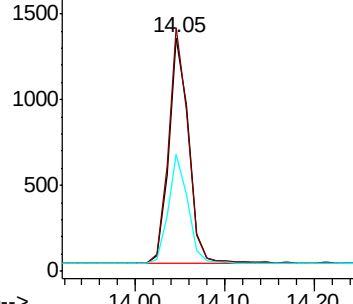
160 49.9 38.2 57.2



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: 1.701 ng

RT: 15.56 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BN009776.D

Acq: 19 Feb 2020 13:32

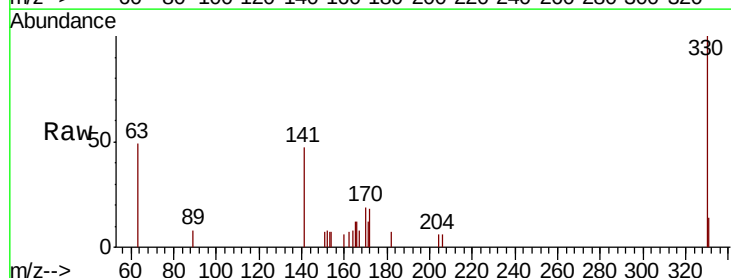
Tgt Ion:330 Resp: 1307

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

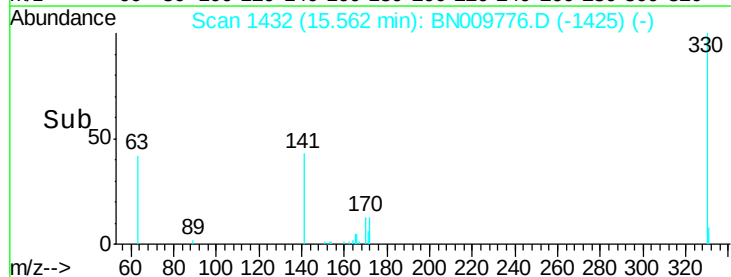
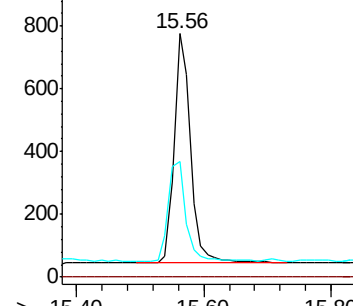
141 46.1 36.8 55.2

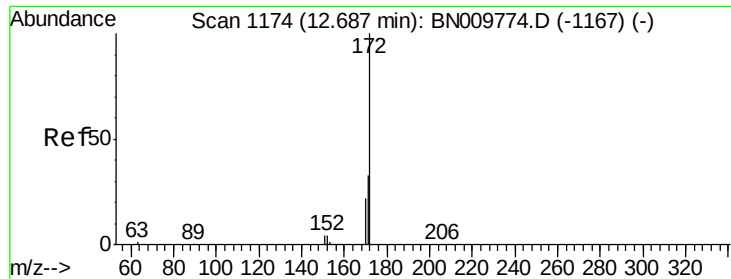


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

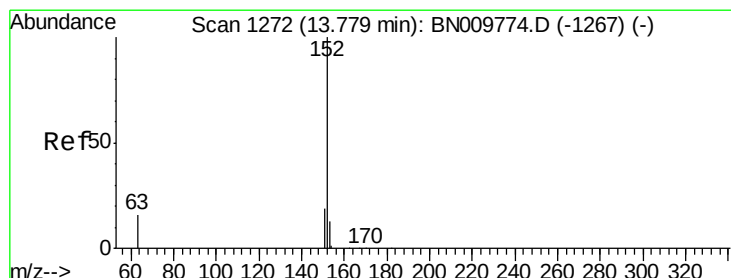
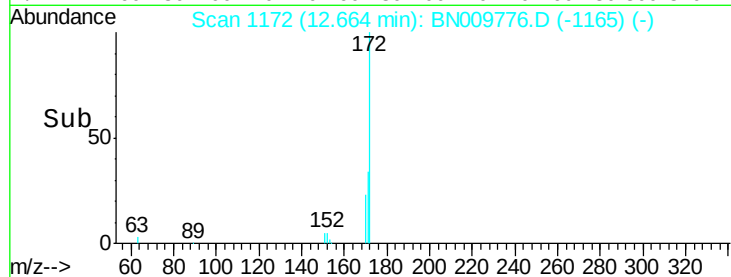
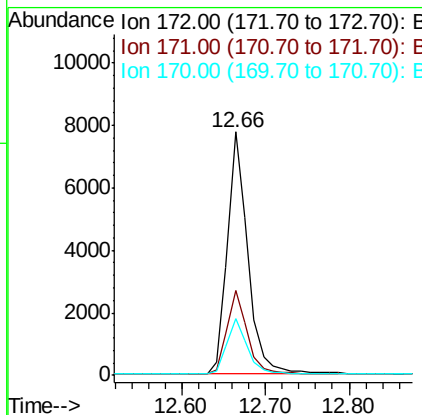
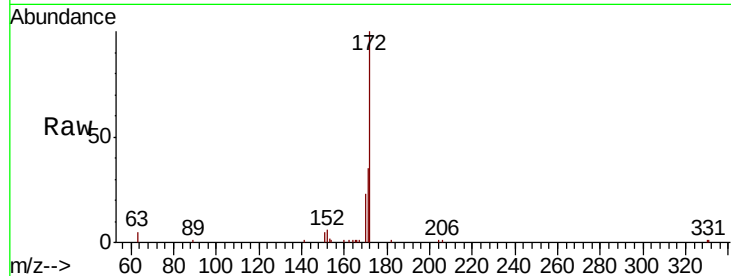




#15
2-Fluorobiphenyl
Concen: 1.725 ng
RT: 12.66 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BN009776.D
Acq: 19 Feb 2020 13:32

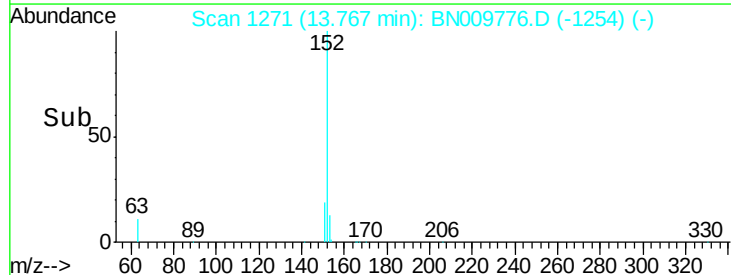
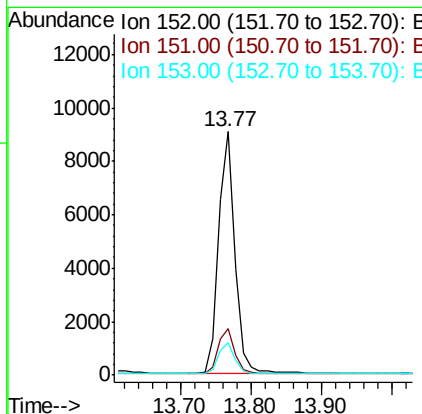
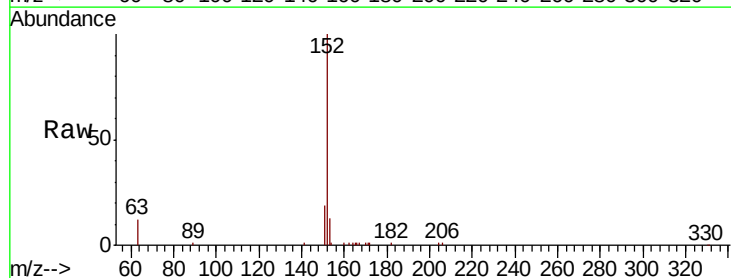
Instrument :
BNA_N
ClientSampled :

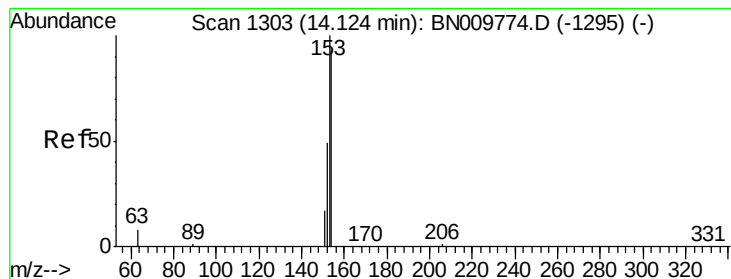
Tot Ion:172 Resp: 13119
Ion Ratio Lower Upper
172 100
171 34.8 28.7 43.1
170 23.3 20.1 30.1



#16
Acenaphthylene
Concen: 1.708 ng
RT: 13.77 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BN009776.D
Acq: 19 Feb 2020 13:32

Tgt Ion:152 Resp: 14967
Ion Ratio Lower Upper
152 100
151 19.1 15.8 23.6
153 13.1 10.2 15.4





#17

Acenaphthene

Concen: 1.651 ng

RT: 14.11 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BN009776.D

Acq: 19 Feb 2020 13:32

Instrument :

BNA_N

ClientSampleId :

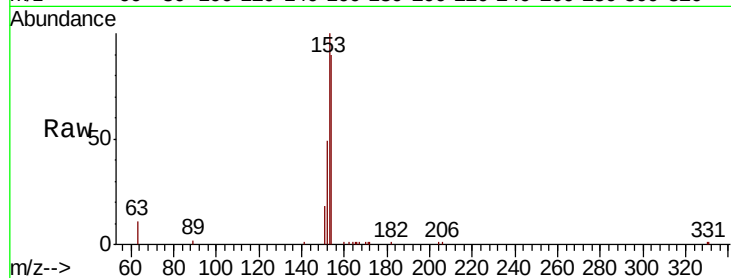
Tot Ion:154 Resp: 10178

Ion Ratio Lower Upper

154 100

153 112.4 88.9 133.3

152 55.2 44.2 66.2

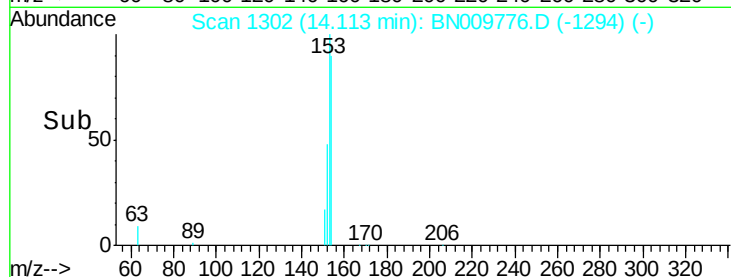


Abundance Ion 154.00 (153.70 to 154.70): E

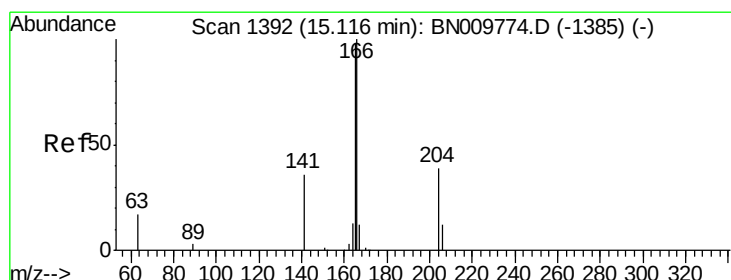
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



#18

Fluorene

Concen: 1.678 ng

RT: 15.12 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BN009776.D

Acq: 19 Feb 2020 13:32

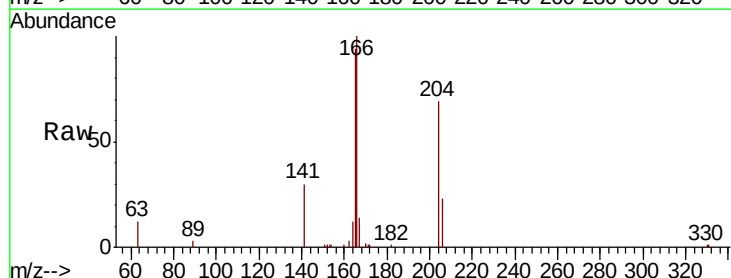
Tgt Ion:166 Resp: 13474

Ion Ratio Lower Upper

166 100

165 97.0 77.2 115.8

167 13.6 10.5 15.7

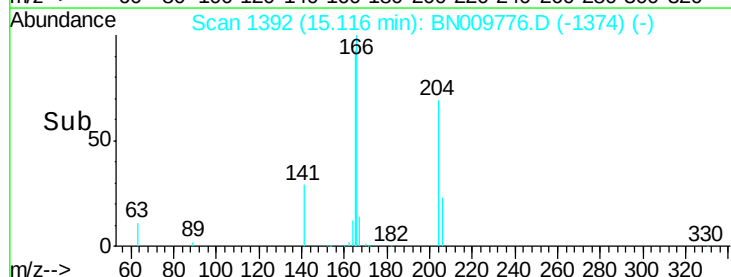


Abundance Ion 166.00 (165.70 to 166.70): E

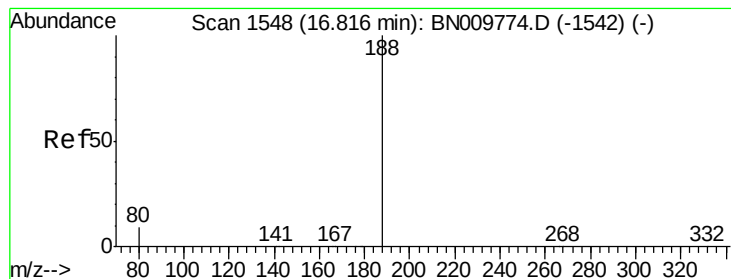
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



Time-->



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.80 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BN009776.D

Acq: 19 Feb 2020 13:32

Instrument :

BNA_N

ClientSampleId :

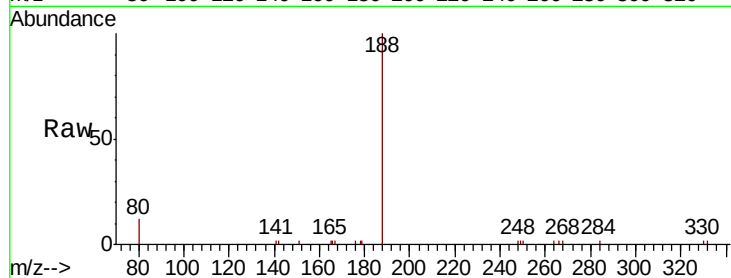
Tot Ion:188 Resp: 4537

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

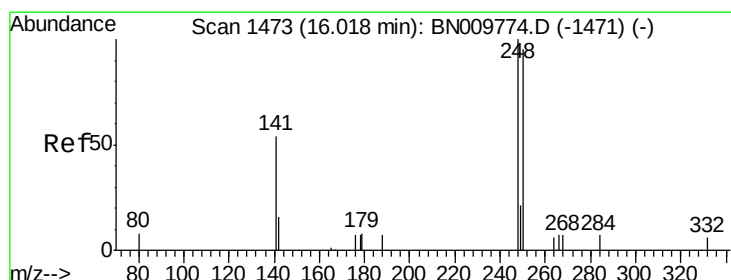
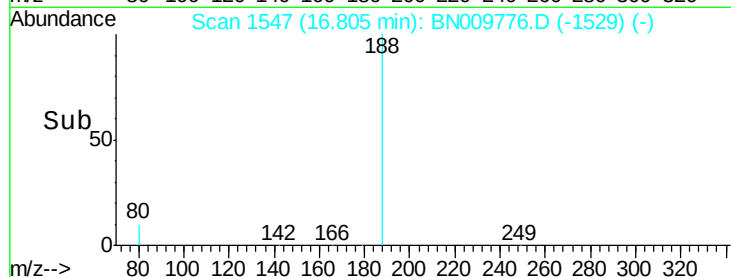
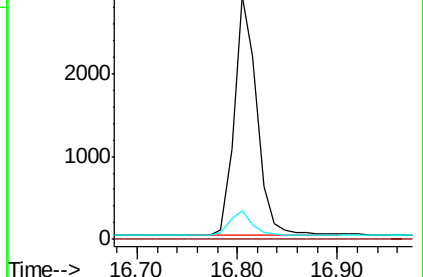
80 11.8 8.3 12.5



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: 1.477 ng

RT: 16.01 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BN009776.D

Acq: 19 Feb 2020 13:32

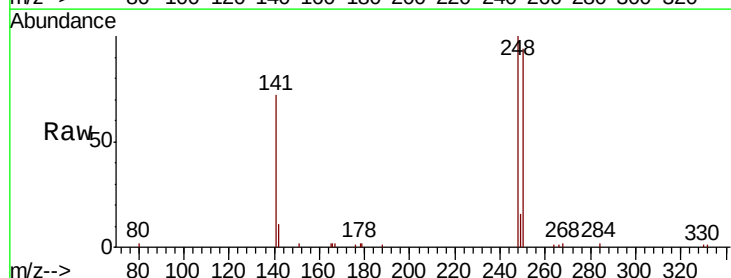
Tgt Ion:248 Resp: 4035

Ion Ratio Lower Upper

248 100

250 94.4 76.2 114.4

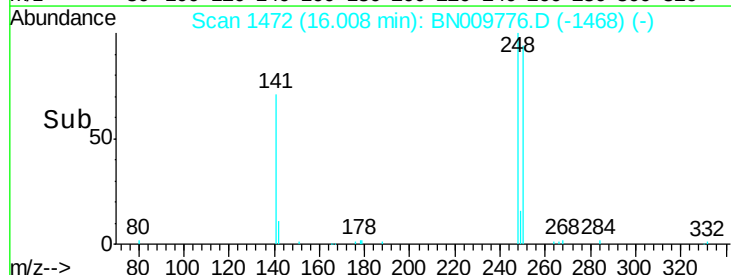
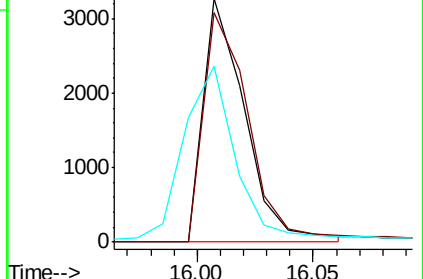
141 72.1 57.8 86.6

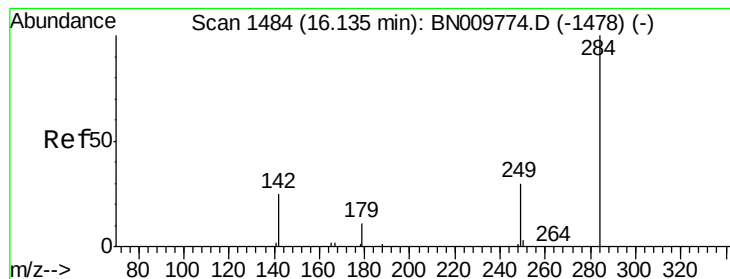


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.616 ng

RT: 16.12 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BN009776.D

Acq: 19 Feb 2020 13:32

Instrument :

BNA_N

ClientSampleId :

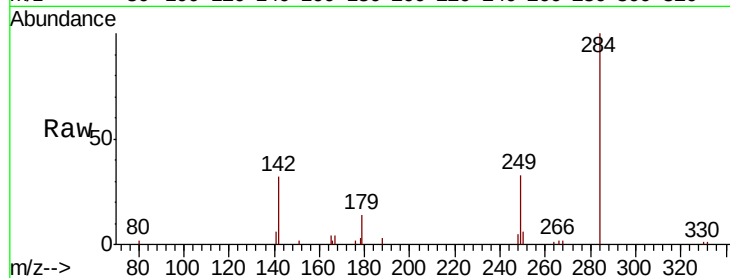
Tot Ion:284 Resp: 4700

Ion Ratio Lower Upper

284 100

142 41.3 33.3 49.9

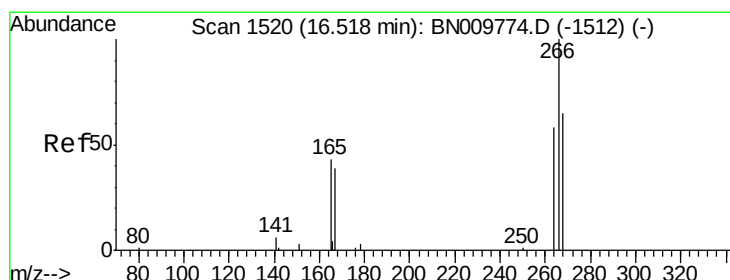
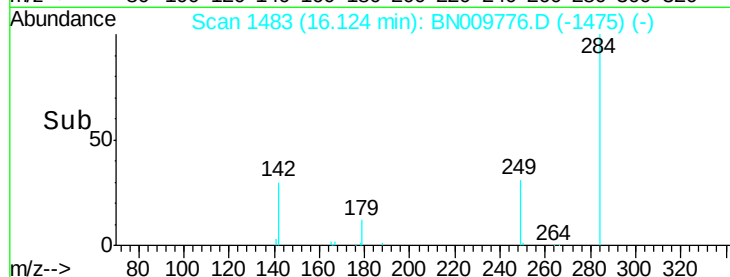
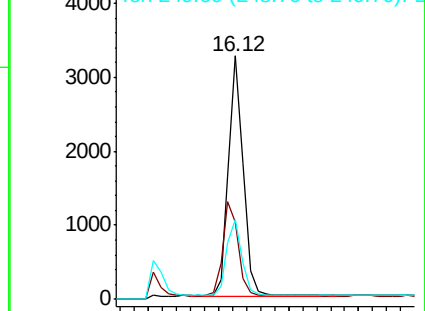
249 33.0 25.7 38.5



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: 1.523 ng

RT: 16.50 min Scan# 1518

Delta R.T. -0.02 min

Lab File: BN009776.D

Acq: 19 Feb 2020 13:32

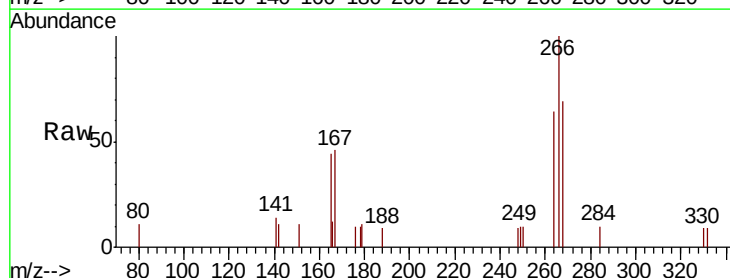
Tgt Ion:266 Resp: 1244

Ion Ratio Lower Upper

266 100

264 63.7 58.1 87.1

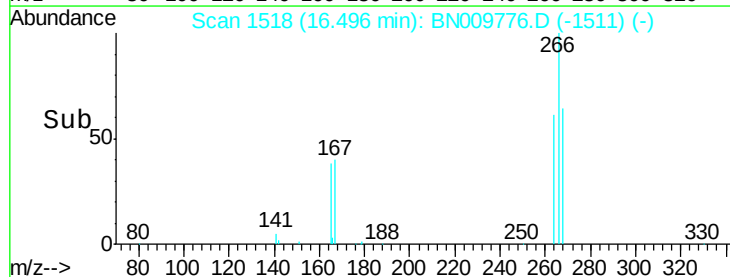
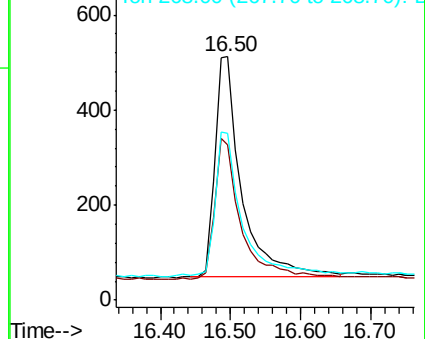
268 68.8 65.7 98.5

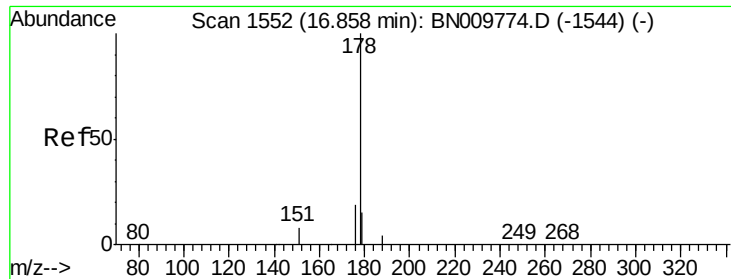


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

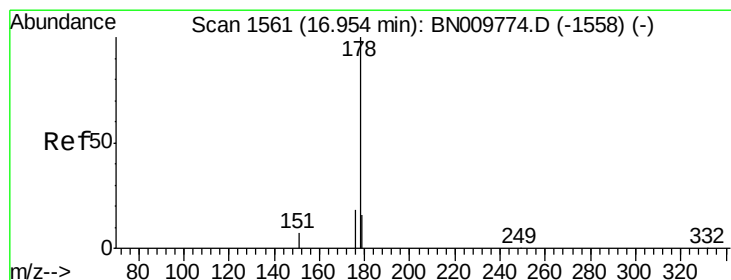
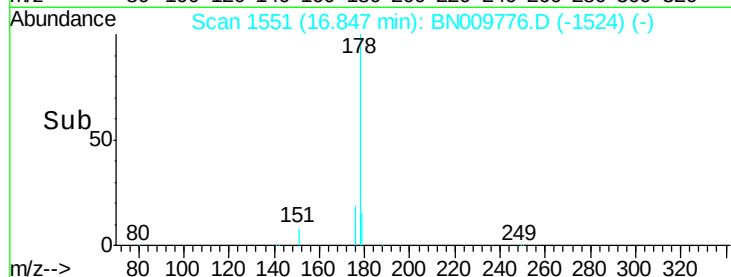
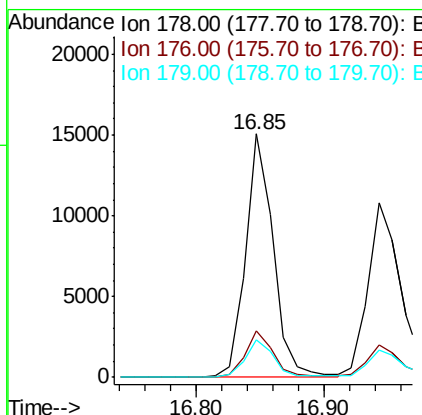
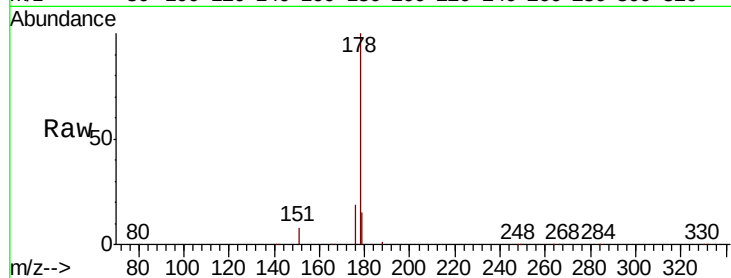




#23
Phenanthrene
Concen: 1.657 ng
RT: 16.85 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BN009776.D
Acq: 19 Feb 2020 13:32

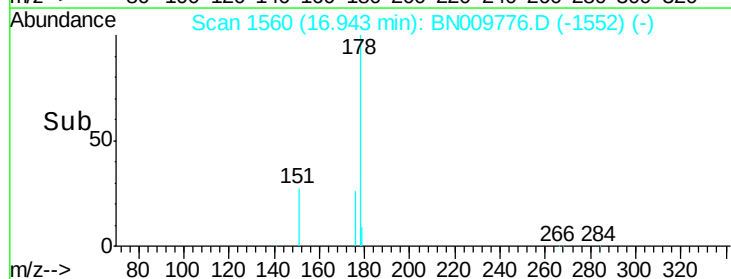
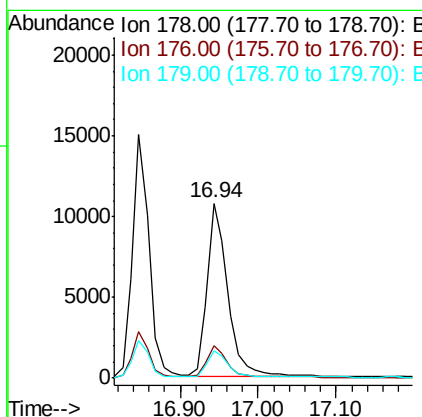
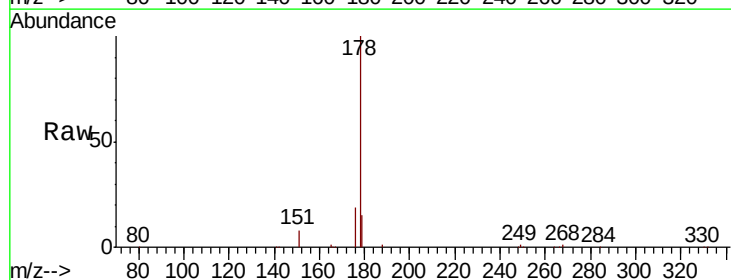
Instrument :
BNA_N
ClientSampleId :

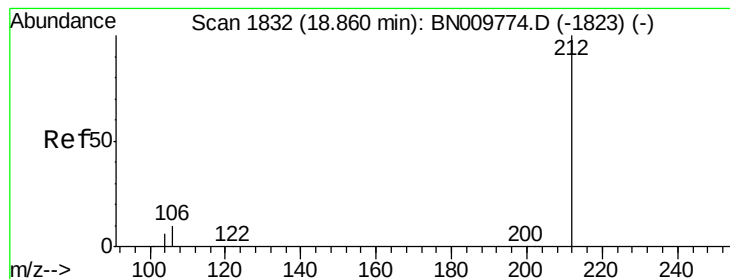
Tot Ion:178 Resp: 22589
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.2 12.4 18.6



#24
Anthracene
Concen: 1.707 ng
RT: 16.94 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BN009776.D
Acq: 19 Feb 2020 13:32

Tgt Ion:178 Resp: 19535
Ion Ratio Lower Upper
178 100
176 18.0 14.3 21.5
179 15.3 12.4 18.6





#25

Fluoranthene-d10

Concen: 1.707 ng

RT: 18.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BN009776.D

Acq: 19 Feb 2020 13:32

Instrument :

BNA_N

ClientSampleId :

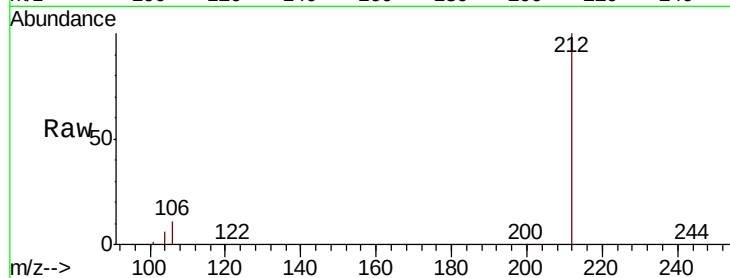
Tot Ion:212 Resp: 26558

Ion Ratio Lower Upper

212 100

106 10.8 8.4 12.6

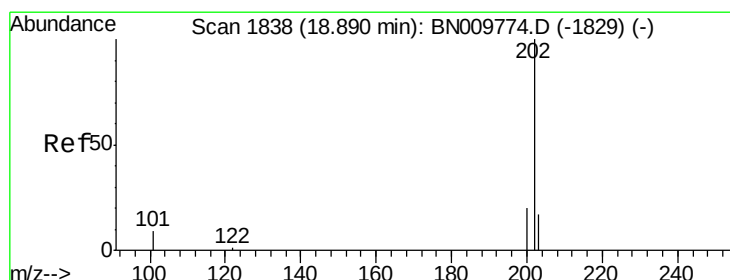
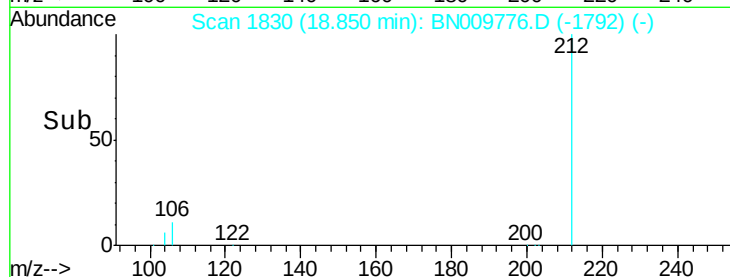
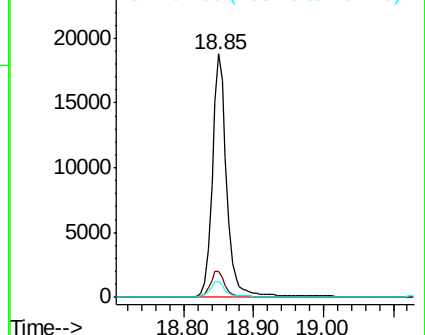
104 6.3 4.8 7.2



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: 1.725 ng

RT: 18.88 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BN009776.D

Acq: 19 Feb 2020 13:32

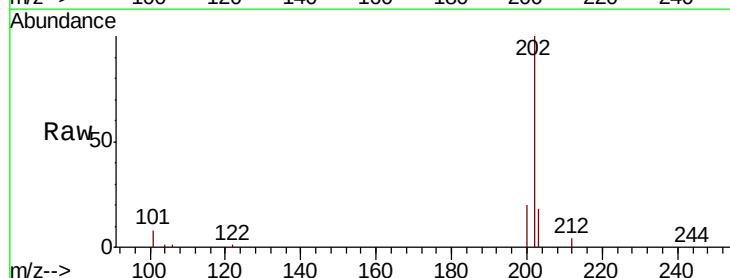
Tgt Ion:202 Resp: 27578

Ion Ratio Lower Upper

202 100

101 9.1 7.1 10.7

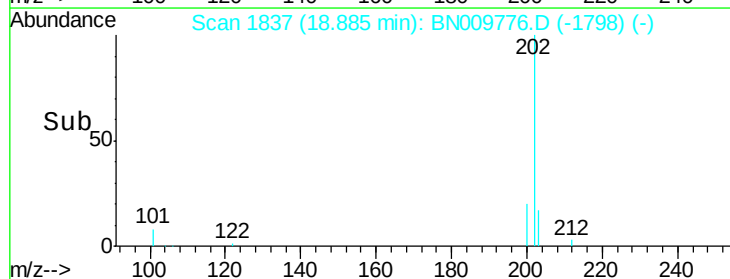
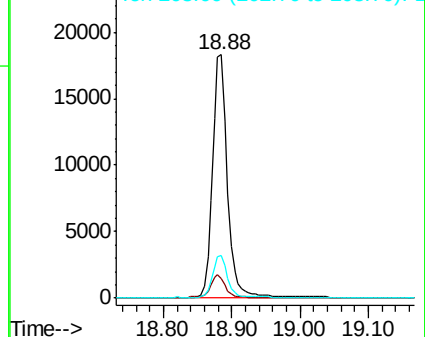
203 17.1 13.8 20.6

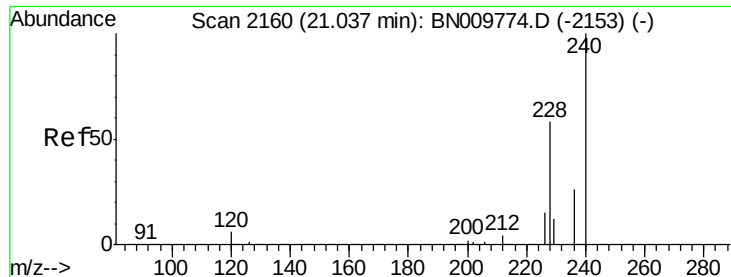


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

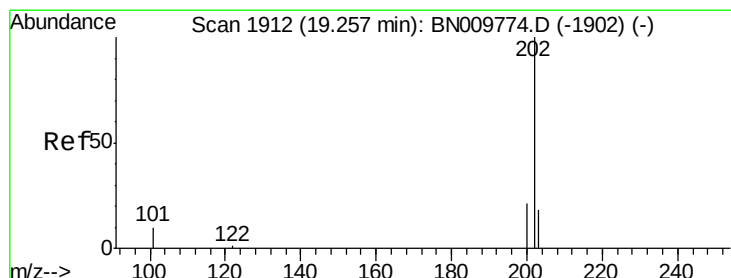
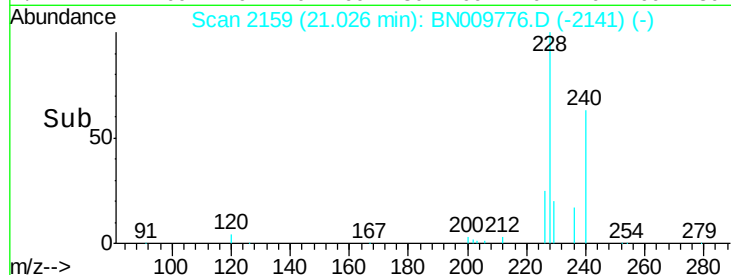
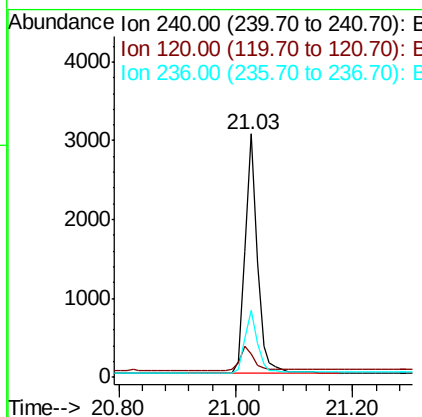
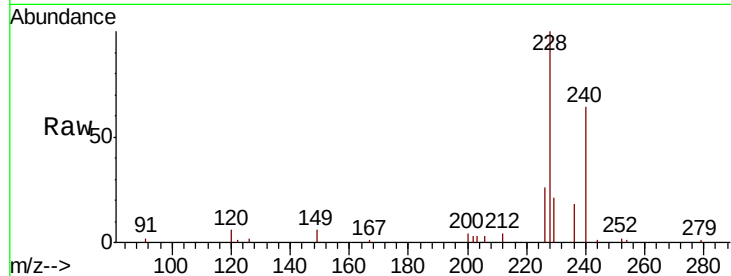




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.03 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BN009776.D
Acq: 19 Feb 2020 13:32

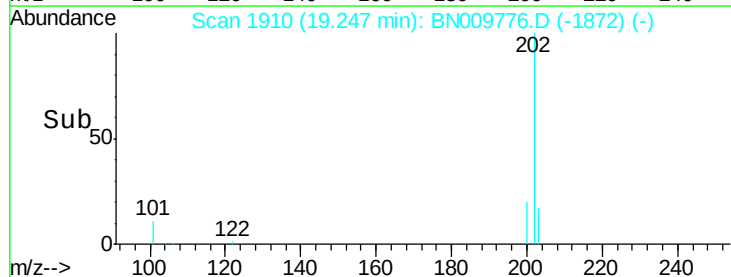
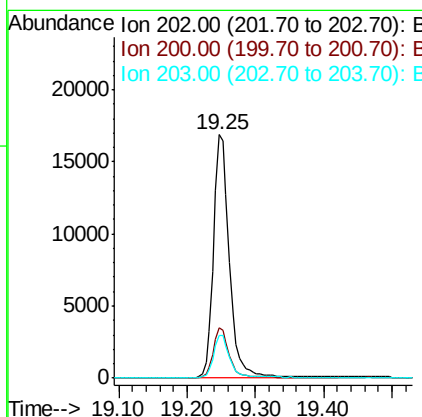
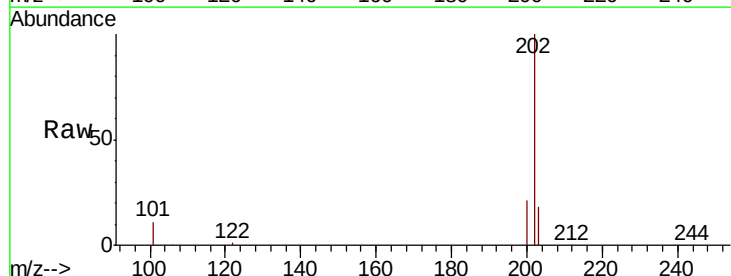
Instrument :
BNA_N
ClientSampled :

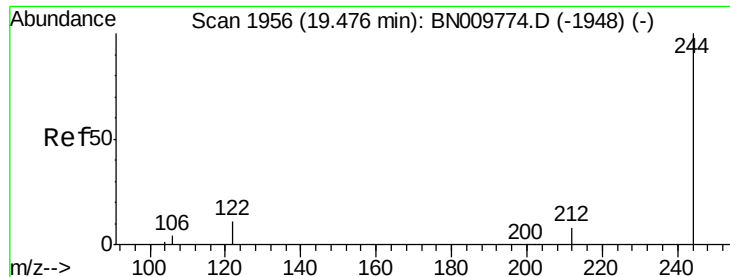
Tot Ion:240 Resp: 4411
Ion Ratio Lower Upper
240 100
120 9.5 7.9 11.9
236 27.8 22.0 33.0



#28
Pyrene
Concen: 1.615 ng
RT: 19.25 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BN009776.D
Acq: 19 Feb 2020 13:32

Tgt Ion:202 Resp: 26996
Ion Ratio Lower Upper
202 100
200 20.2 16.4 24.6
203 17.4 13.9 20.9





#29

Terphenyl-d14

Concen: 1.643 ng

RT: 19.47 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BN009776.D

Acq: 19 Feb 2020 13:32

Instrument :

BNA_N

ClientSampleId :

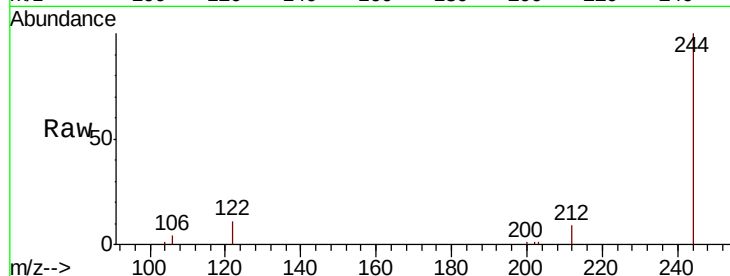
Tot Ion:244 Resp: 17169

Ion Ratio Lower Upper

244 100

212 8.7 8.0 12.0

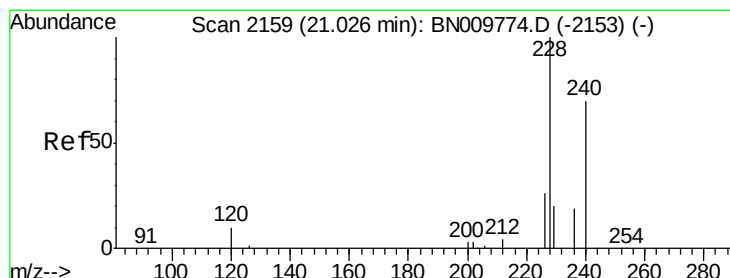
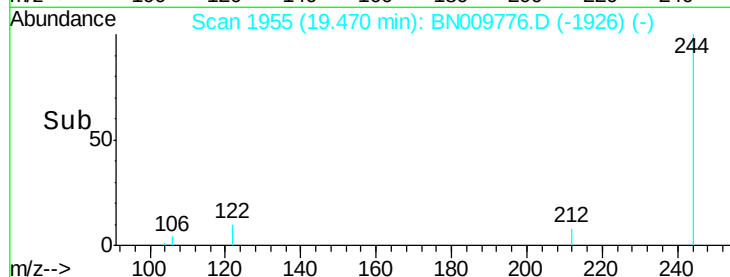
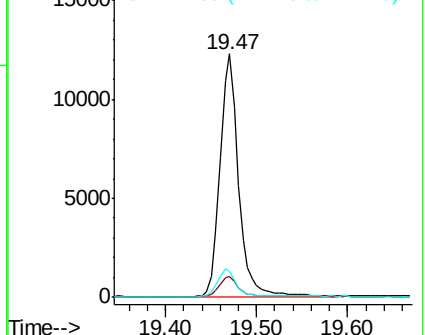
122 10.7 10.0 15.0



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: 1.699 ng

RT: 21.00 min Scan# 2157

Delta R.T. -0.02 min

Lab File: BN009776.D

Acq: 19 Feb 2020 13:32

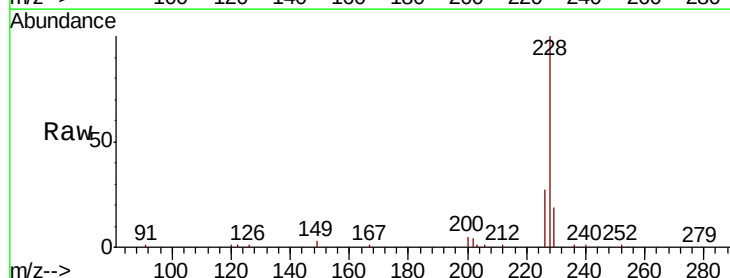
Tgt Ion:228 Resp: 24632

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

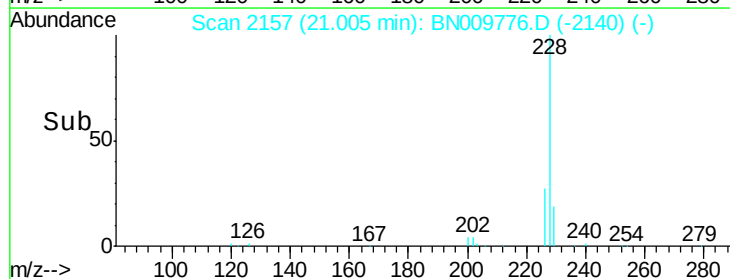
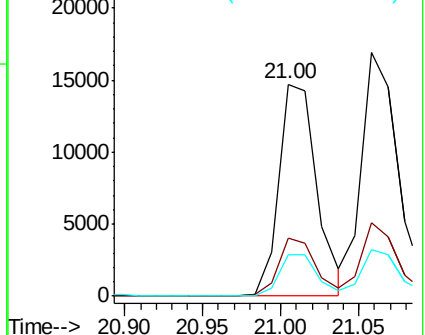
229 19.5 17.1 25.7

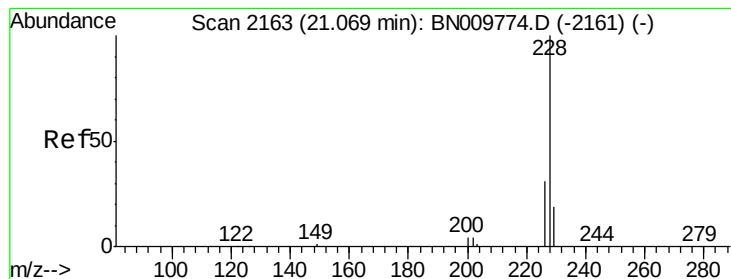


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.670 ng

RT: 21.06 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BN009776.D

Acq: 19 Feb 2020 13:32

Instrument :

BNA_N

ClientSampleId :

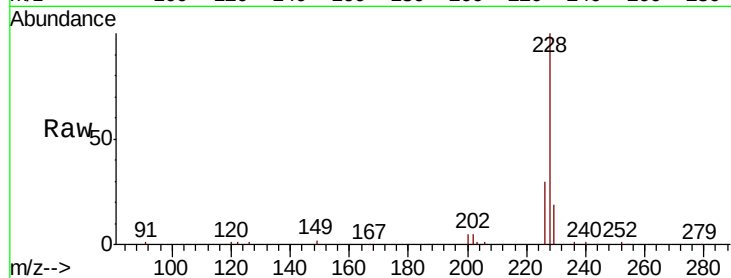
Tot Ion:228 Resp: 27688

Ion Ratio Lower Upper

228 100

226 30.2 24.8 37.2

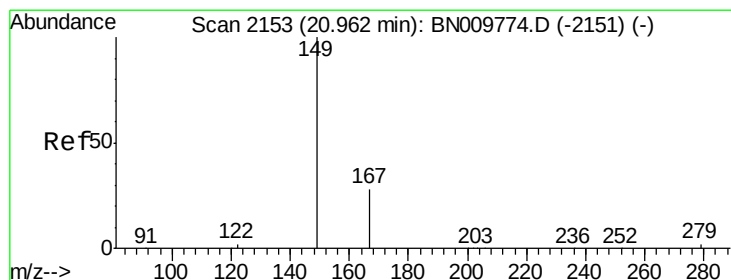
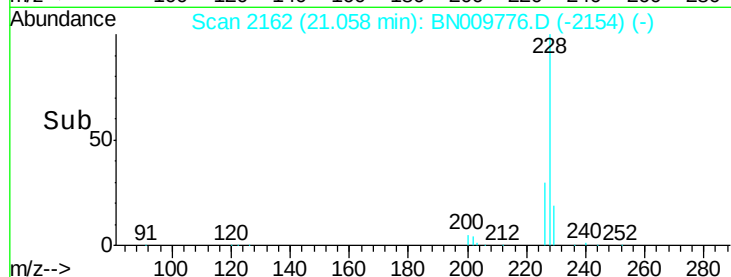
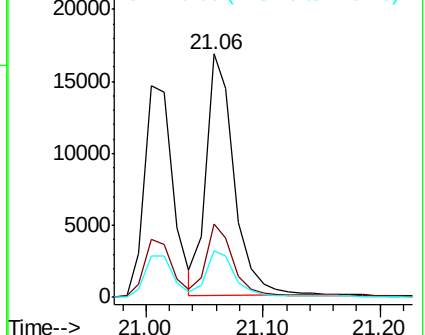
229 19.2 16.4 24.6



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: 1.699 ng

RT: 20.96 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BN009776.D

Acq: 19 Feb 2020 13:32

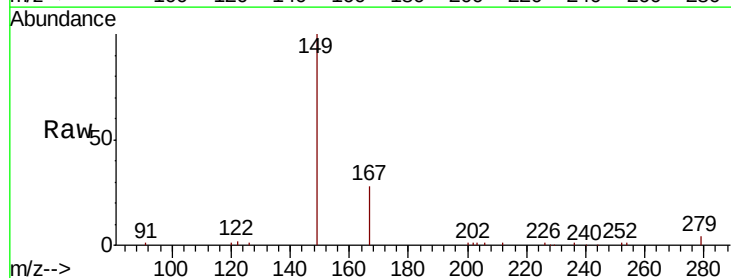
Tgt Ion:149 Resp: 10892

Ion Ratio Lower Upper

149 100

167 28.2 22.7 34.1

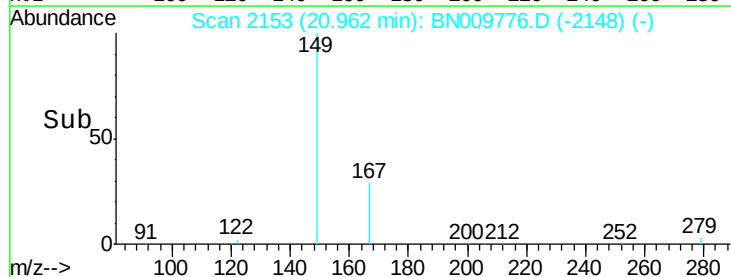
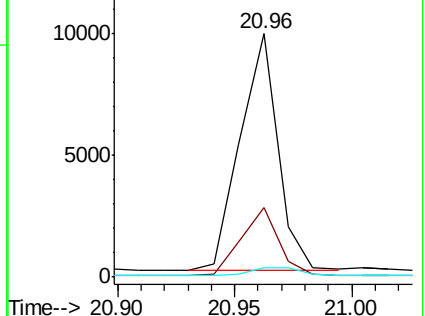
279 4.0 3.1 4.7

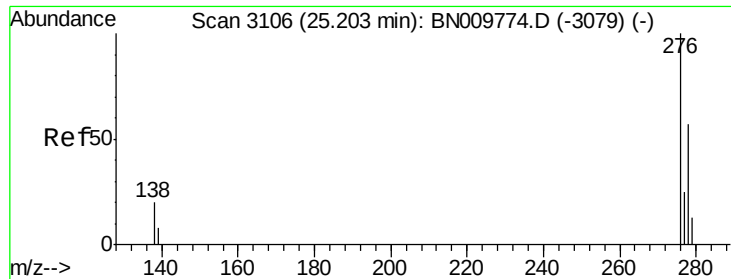


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

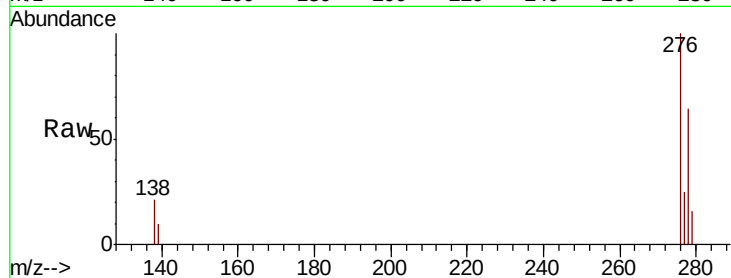




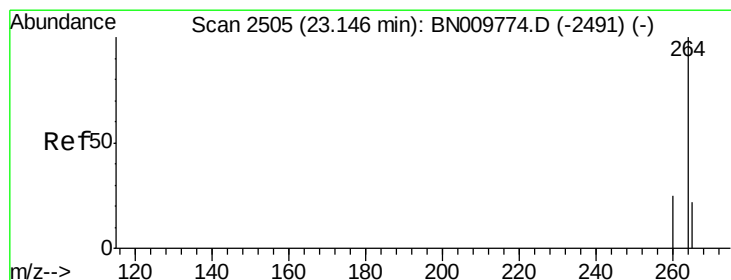
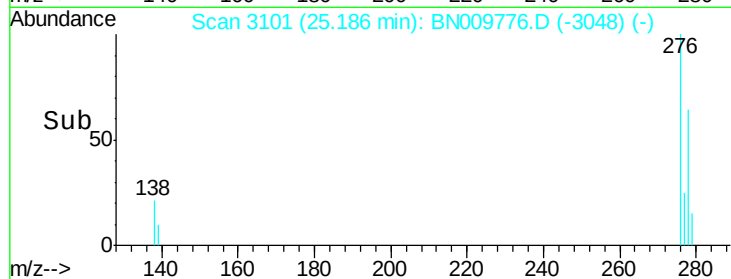
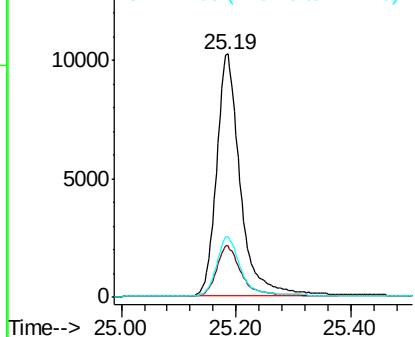
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.711 ng
 RT: 25.19 min Scan# 3101
 Delta R.T. -0.02 min
 Lab File: BN009776.D
 Acq: 19 Feb 2020 13:32

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 29510
 Ion Ratio Lower Upper
 276 100
 138 21.3 15.8 23.6
 277 24.4 19.3 28.9

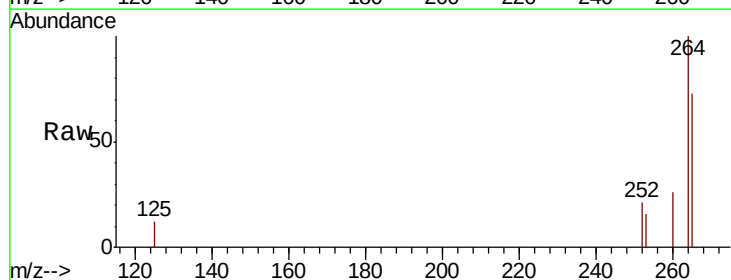


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

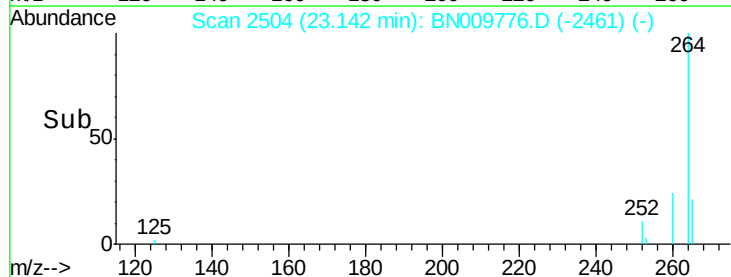
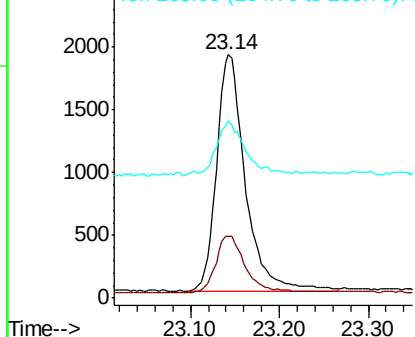


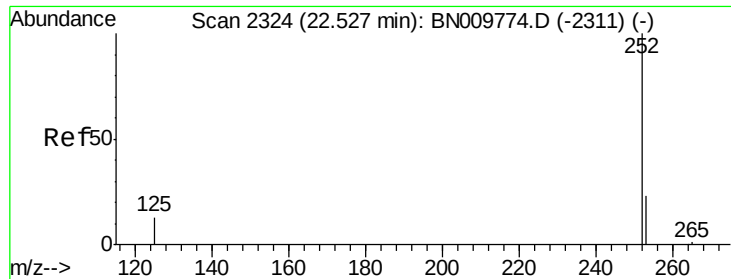
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.14 min Scan# 2504
 Delta R.T. -0.00 min
 Lab File: BN009776.D
 Acq: 19 Feb 2020 13:32

Tgt Ion:264 Resp: 4202
 Ion Ratio Lower Upper
 264 100
 260 25.6 21.1 31.7
 265 72.5 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

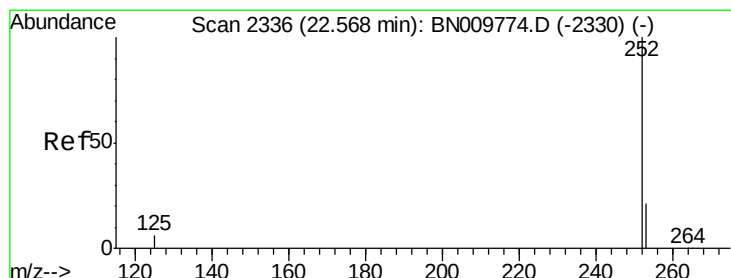
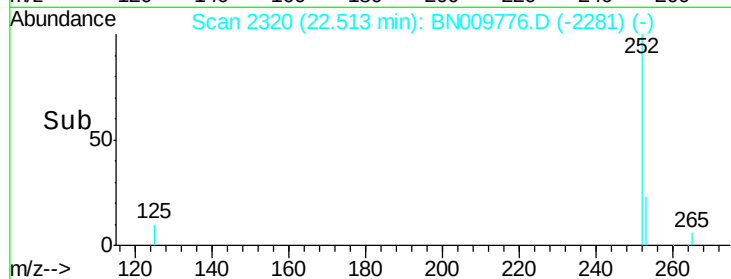
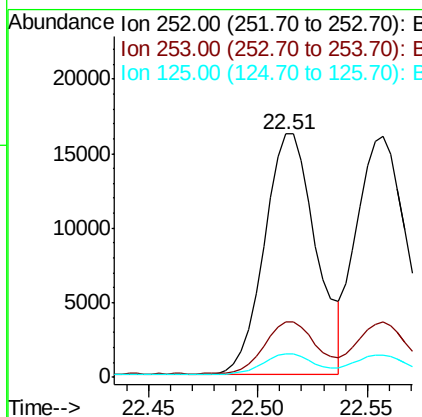
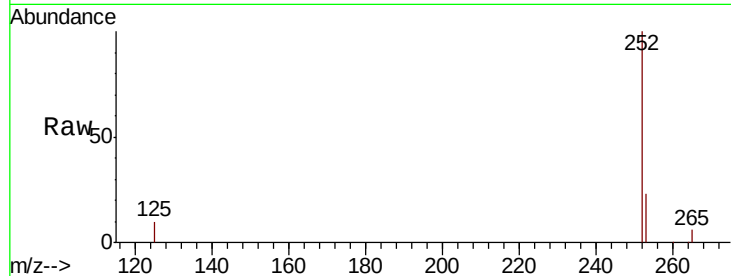




#35
Benzo(b)fluoranthene
Concen: 1.721 ng
RT: 22.51 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BN009776.D
Acq: 19 Feb 2020 13:32

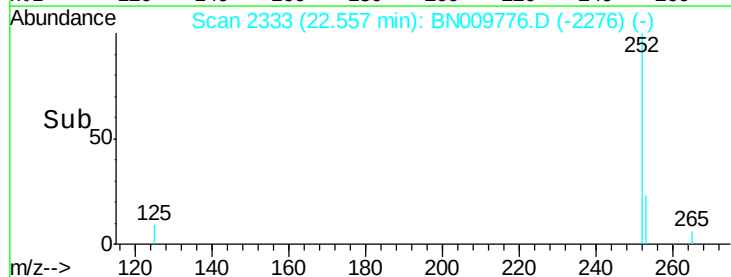
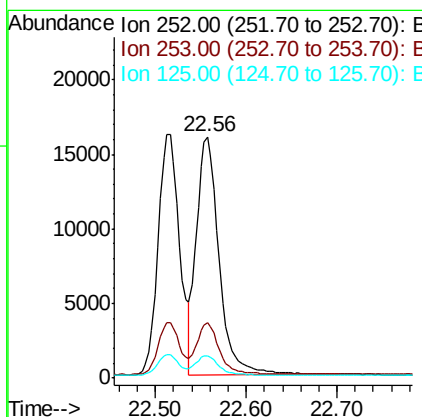
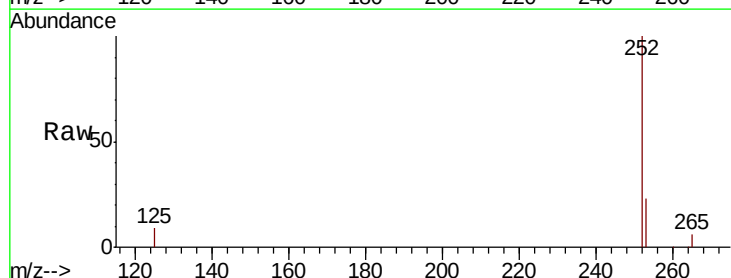
Instrument :
BNA_N
ClientSampleId :

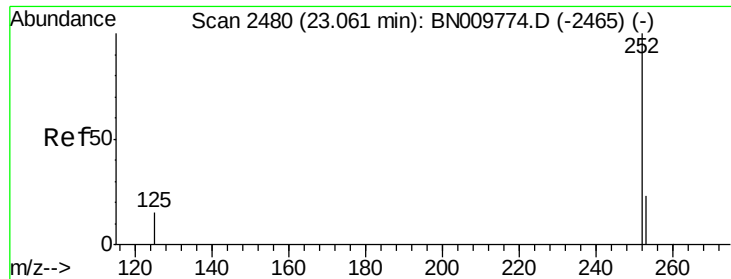
Tot Ion:252 Resp: 26596
Ion Ratio Lower Upper
252 100
253 22.8 23.0 34.6#
125 9.6 14.4 21.6#



#36
Benzo(k)fluoranthene
Concen: 1.623 ng
RT: 22.56 min Scan# 2333
Delta R.T. -0.01 min
Lab File: BN009776.D
Acq: 19 Feb 2020 13:32

Tgt Ion:252 Resp: 27691
Ion Ratio Lower Upper
252 100
253 23.0 22.2 33.2
125 9.3 10.5 15.7#





#37

Benzo(a)pyrene

Concen: 1.725 ng

RT: 23.05 min Scan# 2477

Delta R.T. -0.01 min

Lab File: BN009776.D

Acq: 19 Feb 2020 13:32

Instrument :

BNA_N

ClientSampleId :

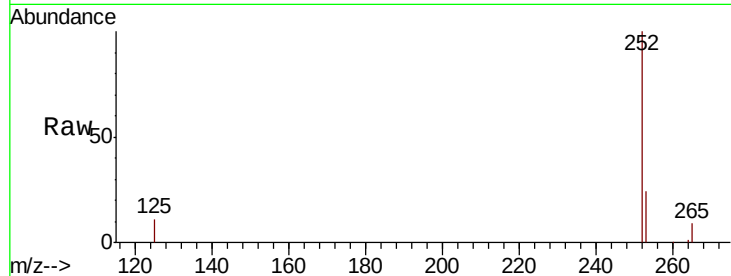
Tot Ion:252 Resp: 23474

Ion Ratio Lower Upper

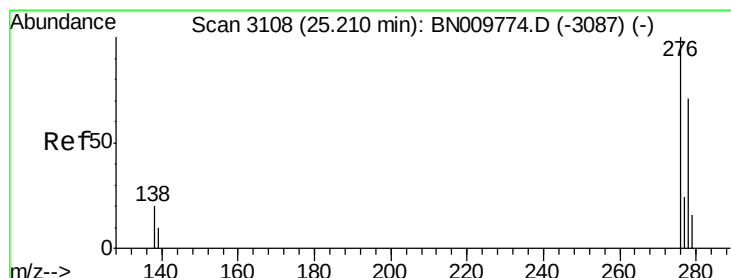
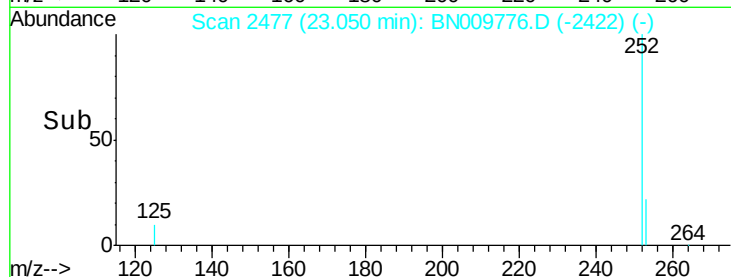
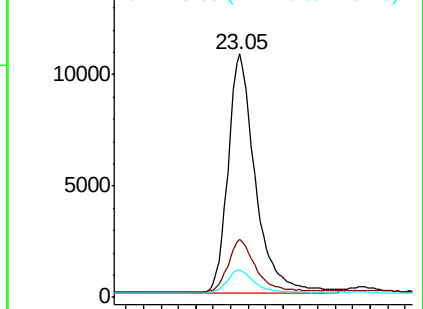
252 100

253 23.7 25.3 37.9#

125 11.3 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: 1.752 ng

RT: 25.20 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN009776.D

Acq: 19 Feb 2020 13:32

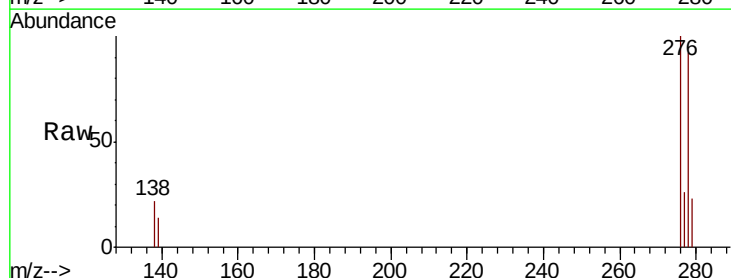
Tgt Ion:278 Resp: 23977

Ion Ratio Lower Upper

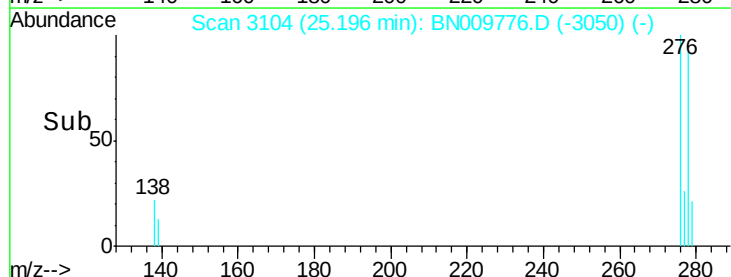
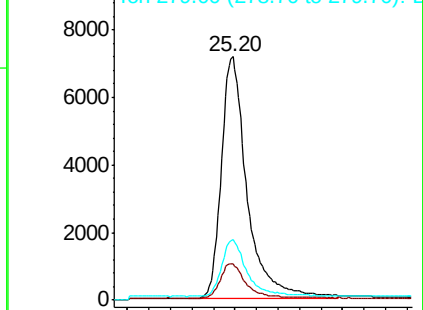
278 100

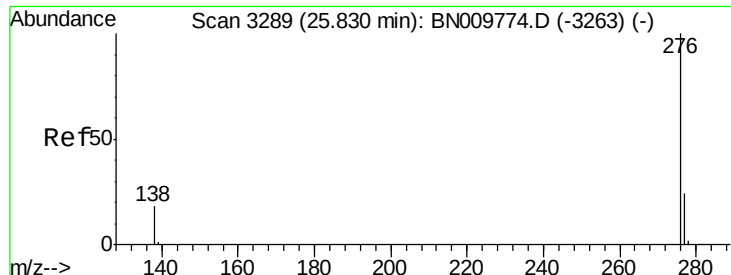
139 14.8 14.5 21.7

279 24.7 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: 1.656 ng

RT: 25.81 min Scan# 3283

Delta R.T. -0.02 min

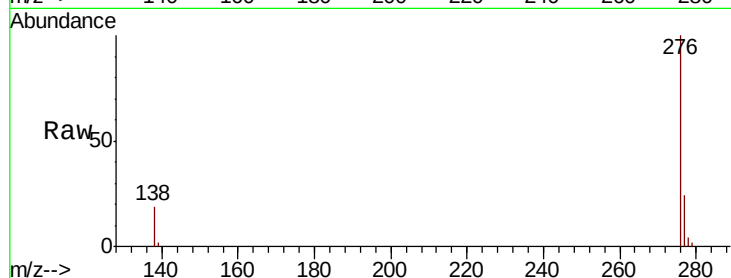
Lab File: BN009776.D

Acq: 19 Feb 2020 13:32

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 24935

Ion Ratio Lower Upper

276 100

277 23.7 21.4 32.0

138 19.3 16.6 24.8

