

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
 Data File : BN010288.D
 Acq On : 19 Mar 2020 13:28
 Operator : CG/JU
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 19 15:16:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 15:04:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3952	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	13068	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	8083	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	18771	0.40	ng	0.00
27) Chrysene-d12	21.19	240	20578	0.40	ng	0.00
34) Perylene-d12	23.37	264	18679	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	12584	1.36	ng	0.00
5) Phenol-d6	6.80	99	15803	1.36	ng	0.00
8) Nitrobenzene-d5	8.74	82	13736	1.75	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	34884	1.62	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	4972	1.72	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	51191	1.78	ng	0.00
25) Fluoranthene-d10	19.02	212	94080	1.62	ng	0.00
29) Terphenyl-d14	19.63	244	73314	1.56	ng	0.00

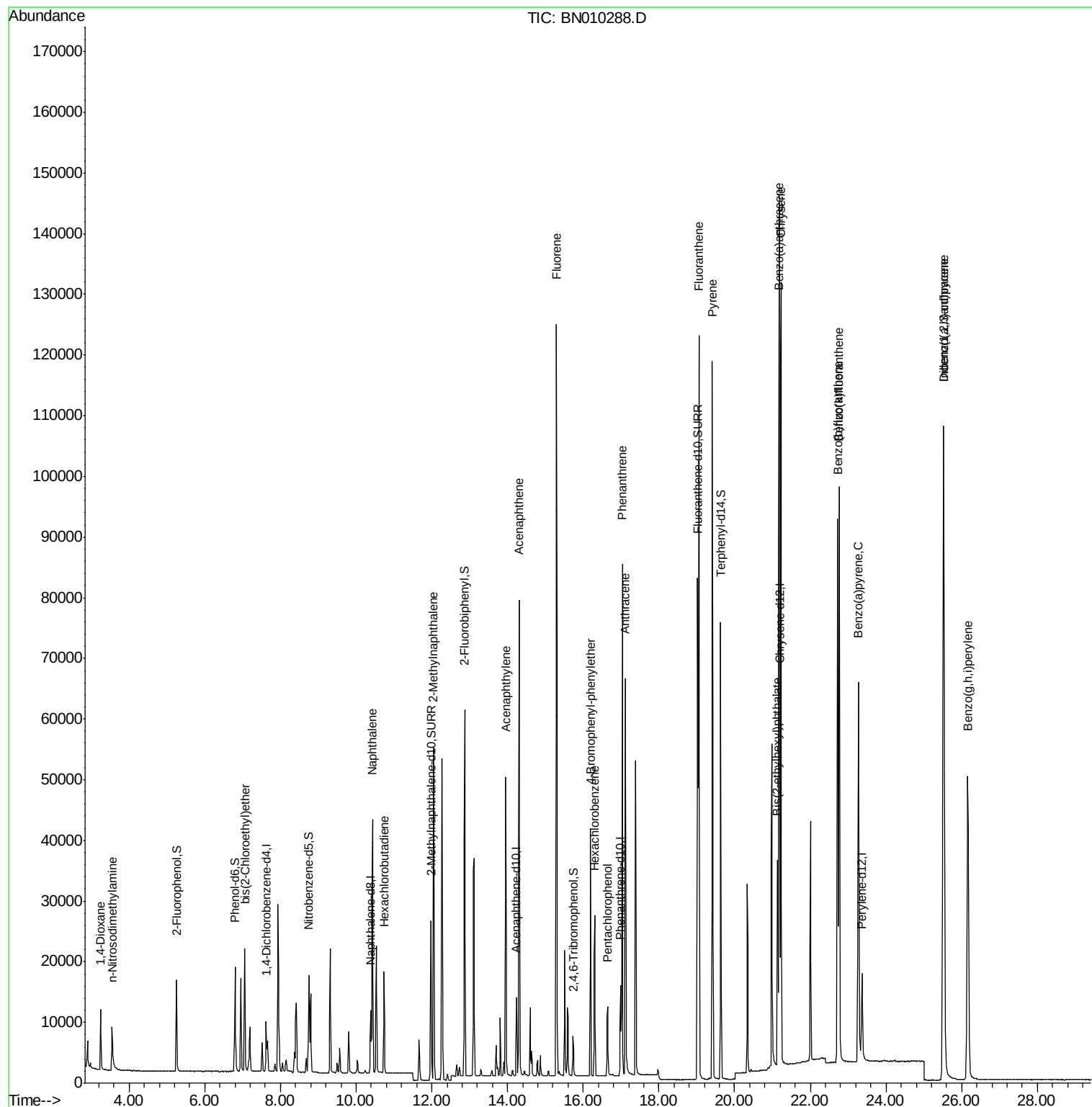
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	6213	1.611	ng	99
3) n-Nitrosodimethylamine	3.55	42	5340	1.564	ng	99
6) bis(2-Chloroethyl)ether	7.06	93	15358	1.587	ng	99
9) Naphthalene	10.43	128	54137	1.654	ng	100
10) Hexachlorobutadiene	10.73	225	13139	1.743	ng	# 99
12) 2-Methylnaphthalene	12.05	142	38185	1.624	ng	99
16) Acenaphthylene	13.96	152	53915	1.445	ng	100
17) Acenaphthene	14.30	154	38232	1.689	ng	98
18) Fluorene	15.29	166	50730	1.644	ng	99
20) 4-Bromophenyl-phenylether	16.19	248	19138	1.776	ng	99
21) Hexachlorobenzene	16.31	284	19658	1.868	ng	99
22) Pentachlorophenol	16.65	266	6263	1.927	ng	97
23) Phenanthrene	17.03	178	86464	1.736	ng	100
24) Anthracene	17.11	178	74129	1.494	ng	100
26) Fluoranthene	19.05	202	108035	1.713	ng	100
28) Pyrene	19.42	202	105308	1.532	ng	100
30) Benzo(a)anthracene	21.17	228	110971	1.586	ng	100
31) Chrysene	21.23	228	116026	1.685	ng	99
32) Bis(2-ethylhexyl)phthalate	21.13	149	32874	1.103	ng	100
33) Indeno(1,2,3-cd)pyrene	25.52	276	122914	1.504	ng	99
35) Benzo(b)fluoranthene	22.72	252	109943	1.914	ng	96
36) Benzo(k)fluoranthene	22.76	252	113135	1.949	ng	# 93
37) Benzo(a)pyrene	23.27	252	92286	1.703	ng	# 94
38) Dibenzo(a,h)anthracene	25.53	278	102013	1.876	ng	98
39) Benzo(g,h,i)perylene	26.16	276	101419	1.868	ng	99

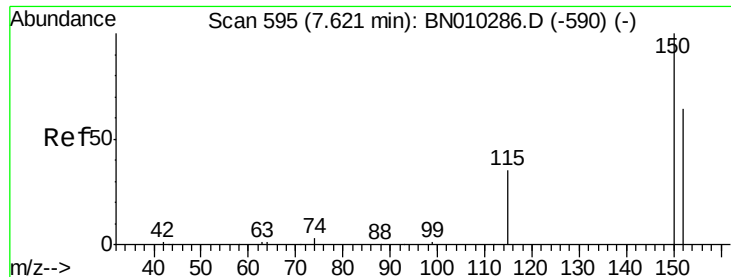
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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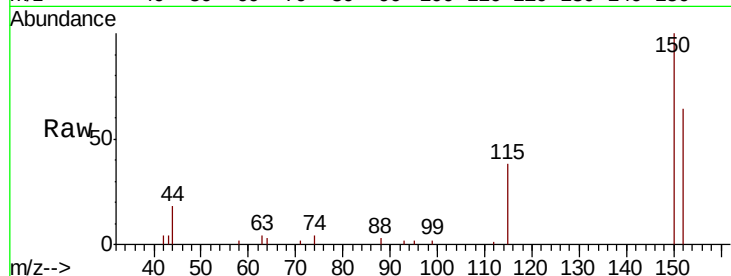


#1

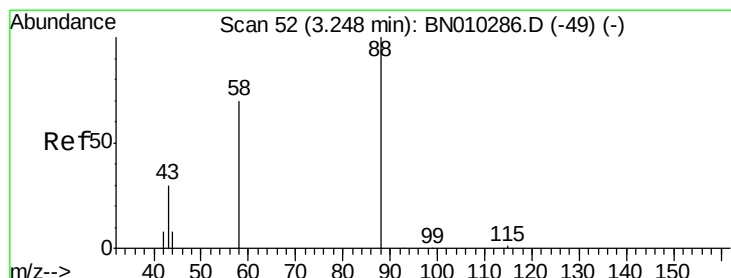
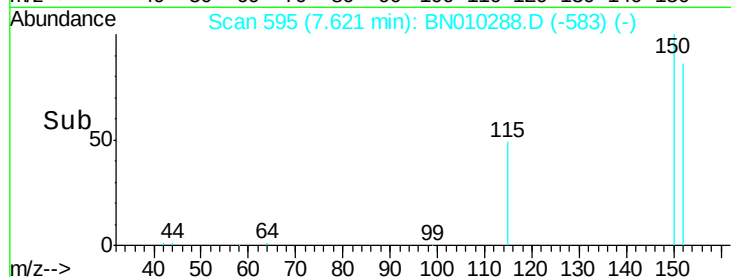
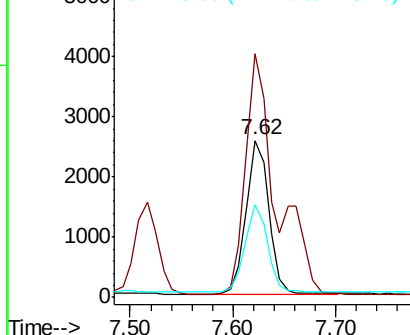
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3952
Ion Ratio Lower Upper
152 100
150 155.4 123.1 184.7
115 59.2 45.2 67.8



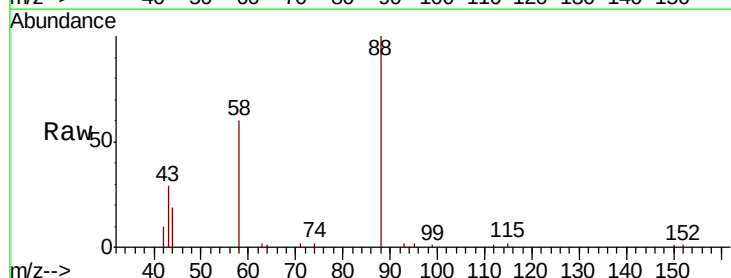
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



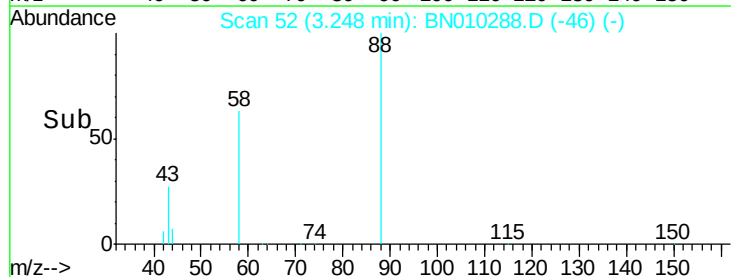
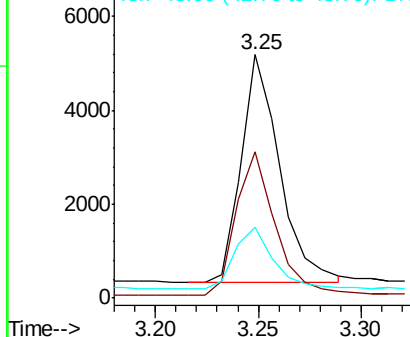
#2

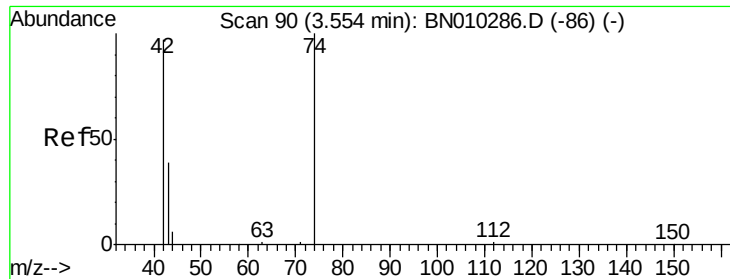
1,4-Dioxane
Concen: 1.611 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Tgt Ion: 88 Resp: 6213
Ion Ratio Lower Upper
88 100
58 64.6 51.7 77.5
43 27.4 21.2 31.8



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





#3

n-Nitrosodimethylamine

Concen: 1.564 ng

RT: 3.55 min Scan# 89

Delta R.T. -0.01 min

Lab File: BN010288.D

Acq: 19 Mar 2020 13:28

Instrument :

BNA_N

ClientSampleId :

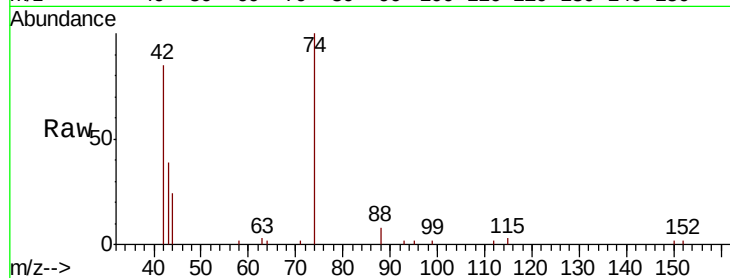
Tot Ion: 42 Resp: 5340

Ion Ratio Lower Upper

42 100

74 123.7 99.4 149.0

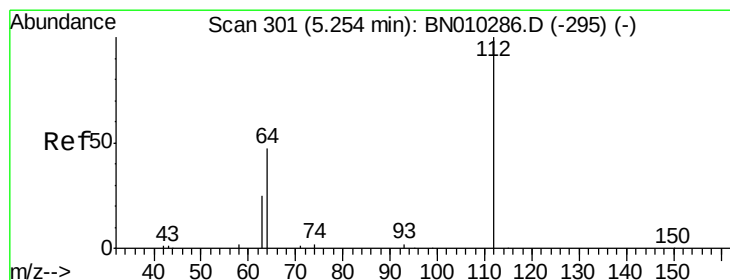
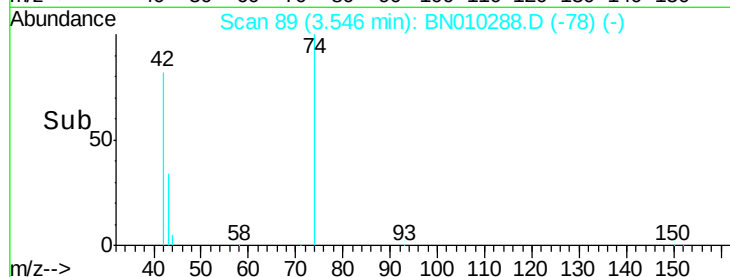
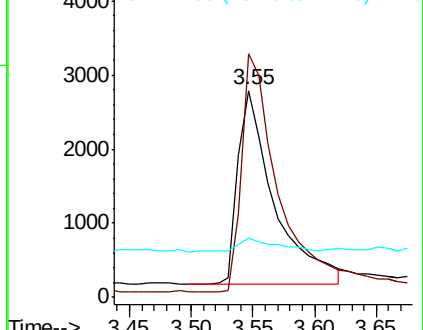
44 6.5 4.8 7.2



Abundance Ion 42.00 (41.70 to 42.70): BN010286.D (-86) (-)

Ion 74.00 (73.70 to 74.70): BN010286.D (-86) (-)

Ion 44.00 (43.70 to 44.70): BN010286.D (-86) (-)



#4

2-Fluorophenol

Concen: 1.357 ng

RT: 5.25 min Scan# 301

Delta R.T. 0.00 min

Lab File: BN010288.D

Acq: 19 Mar 2020 13:28

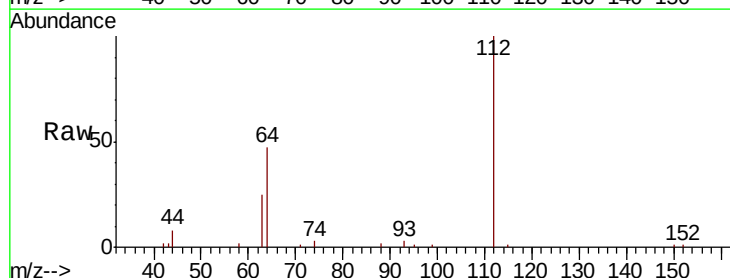
Tgt Ion: 112 Resp: 12584

Ion Ratio Lower Upper

112 100

64 50.7 41.4 62.2

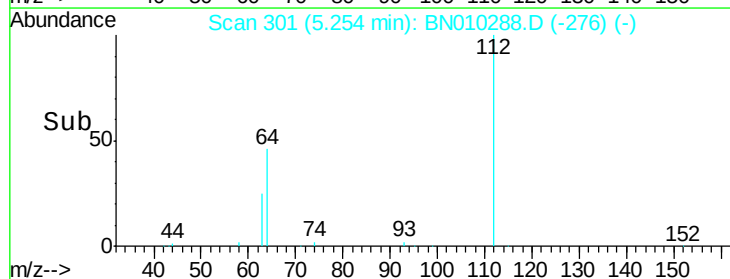
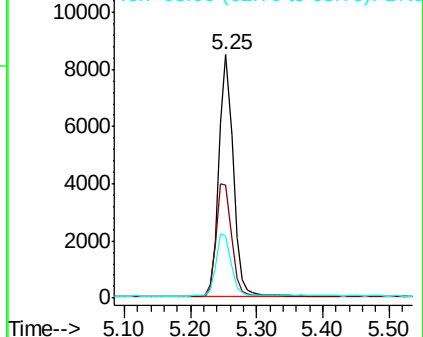
63 27.7 22.9 34.3

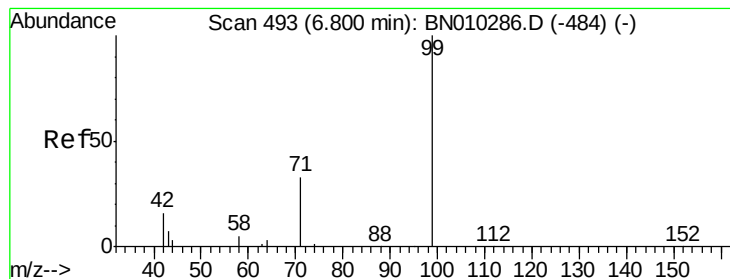


Abundance Ion 112.00 (111.70 to 112.70): BN010286.D (-295) (-)

Ion 64.00 (63.70 to 64.70): BN010286.D (-295) (-)

Ion 63.00 (62.70 to 63.70): BN010286.D (-295) (-)





#5

Phenol-d6

Concen: 1.363 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010288.D

Acq: 19 Mar 2020 13:28

Instrument :

BNA_N

ClientSampled :

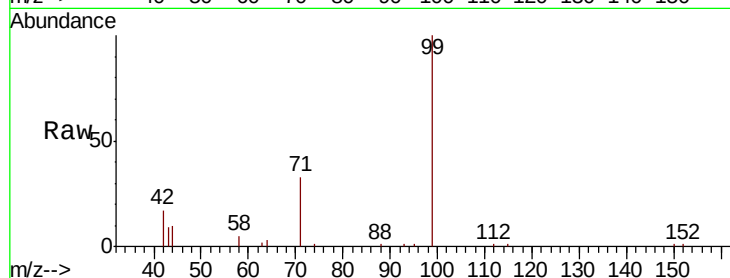
Tot Ion: 99 Resp: 15803

Ion Ratio Lower Upper

99 100

42 18.7 14.8 22.2

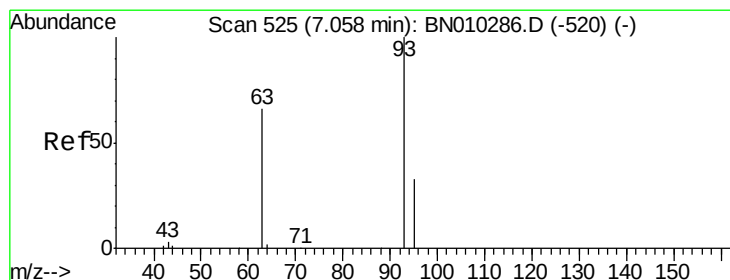
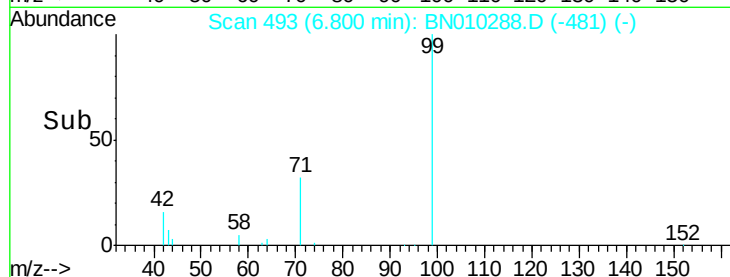
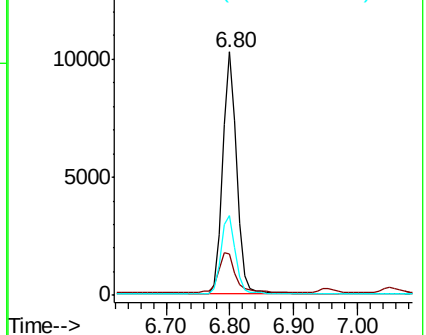
71 33.1 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN010288.D (-500) (-)

Ion 42.00 (41.70 to 42.70): BN010288.D (-500) (-)

Ion 71.00 (70.70 to 71.70): BN010288.D (-500) (-)



#6

bis(2-Chloroethyl)ether

Concen: 1.587 ng

RT: 7.06 min Scan# 525

Delta R.T. 0.00 min

Lab File: BN010288.D

Acq: 19 Mar 2020 13:28

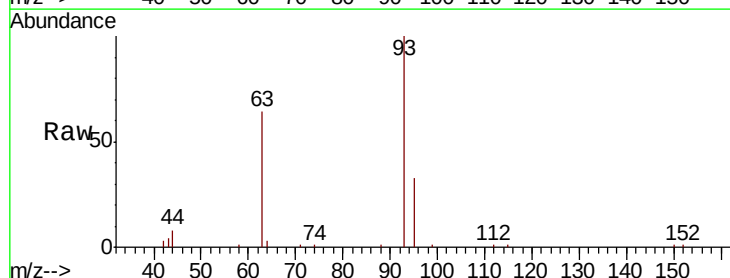
Tgt Ion: 93 Resp: 15358

Ion Ratio Lower Upper

93 100

63 68.8 55.6 83.4

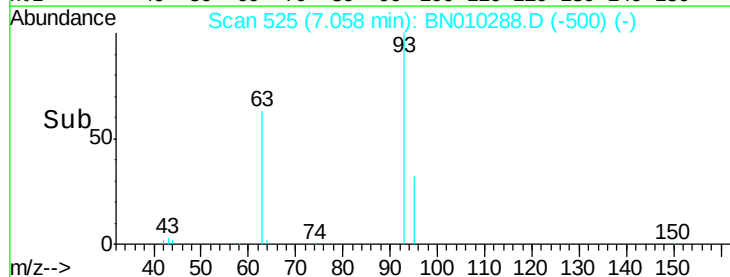
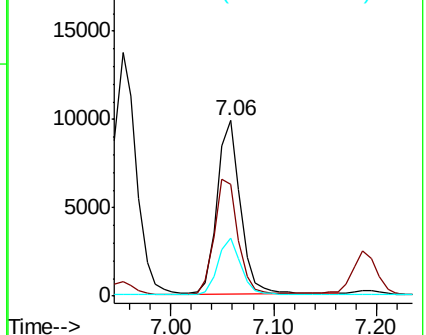
95 32.8 26.2 39.4

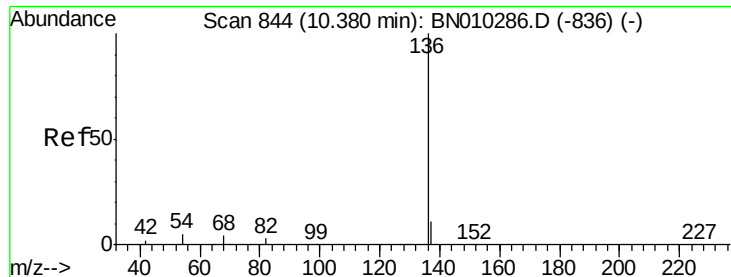


Abundance Ion 93.00 (92.70 to 93.70): BN010288.D (-500) (-)

Ion 63.00 (62.70 to 63.70): BN010288.D (-500) (-)

Ion 95.00 (94.70 to 95.70): BN010288.D (-500) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010288.D

Acq: 19 Mar 2020 13:28

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 13068

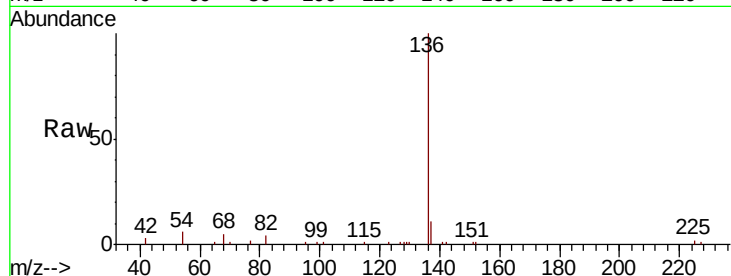
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 5.7 4.8 7.2

68 5.2 4.1 6.1

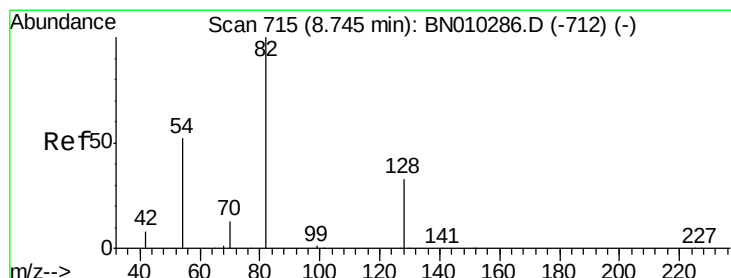
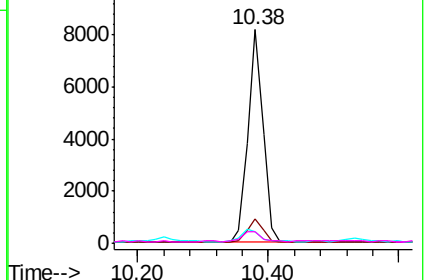
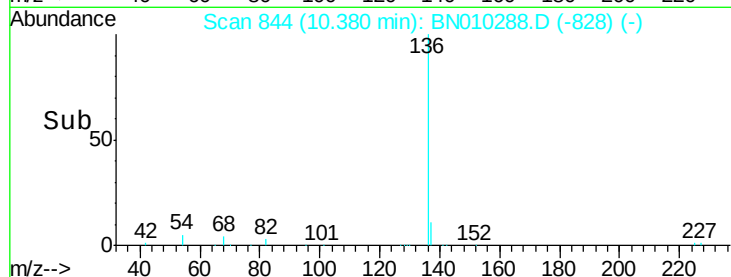


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 1.753 ng

RT: 8.74 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010288.D

Acq: 19 Mar 2020 13:28

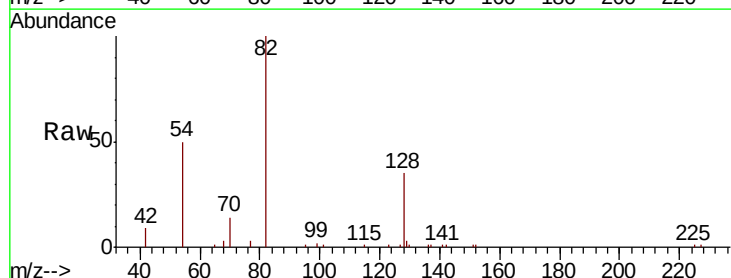
Tgt Ion: 82 Resp: 13736

Ion Ratio Lower Upper

82 100

128 35.2 28.8 43.2

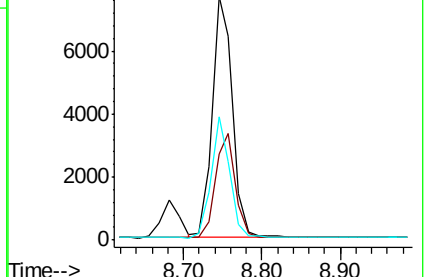
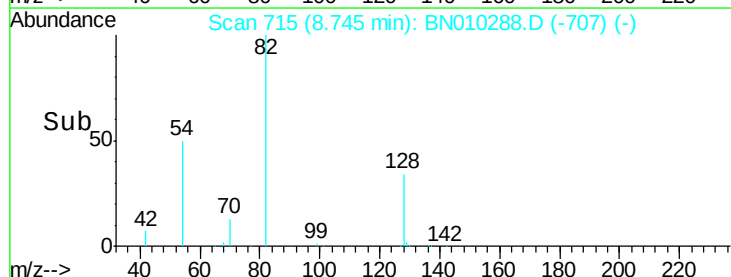
54 50.4 42.1 63.1

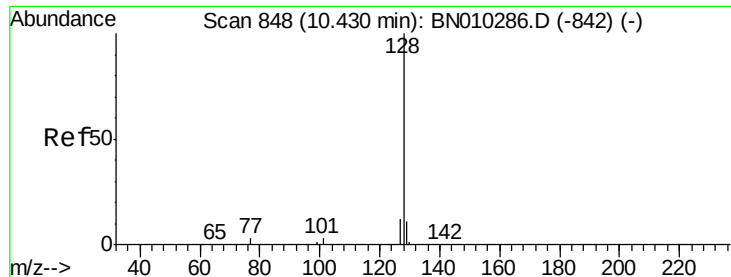


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

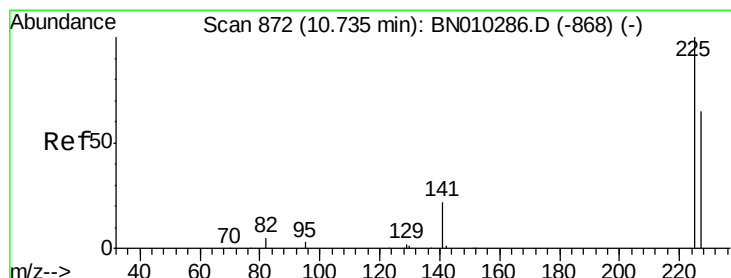
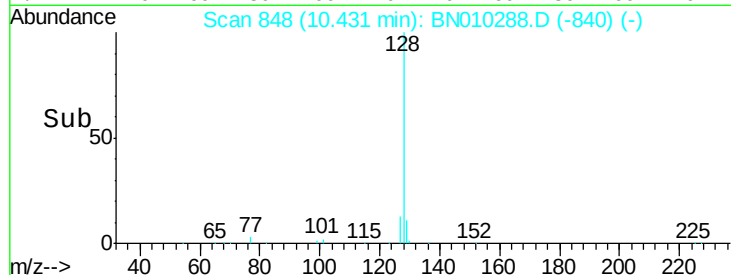
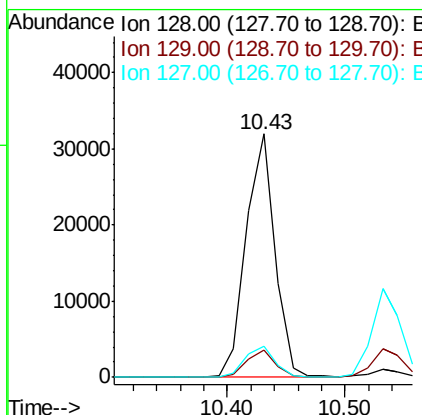
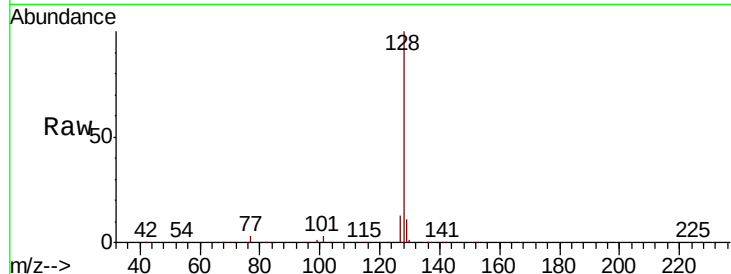




#9
Naphthalene
Concen: 1.654 ng
RT: 10.43 min Scan# 848
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

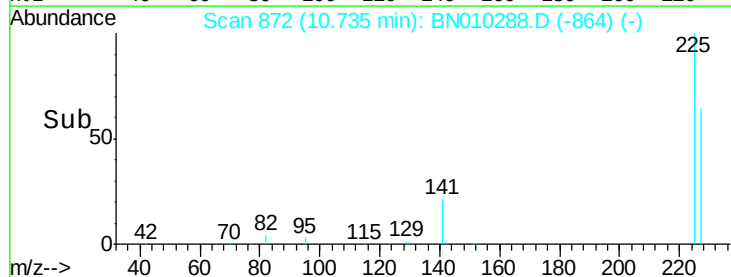
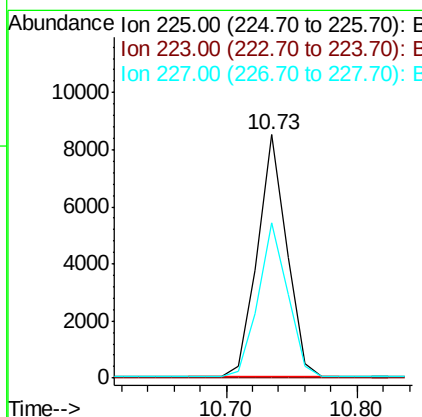
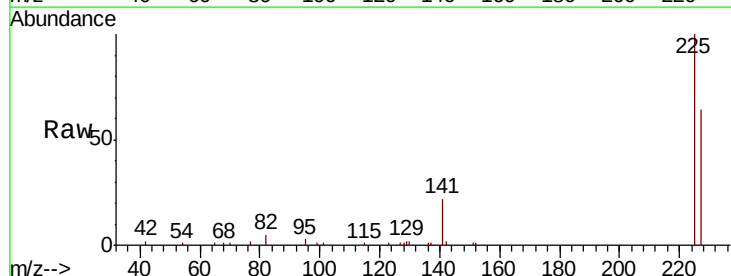
Instrument :
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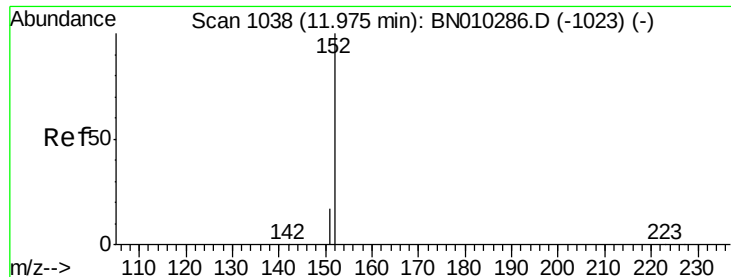
Tot Ion:128 Resp: 54137
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.0 10.4 15.6



#10
Hexachlorobutadiene
Concen: 1.743 ng
RT: 10.73 min Scan# 872
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Tgt Ion:225 Resp: 13139
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.3 51.9 77.9

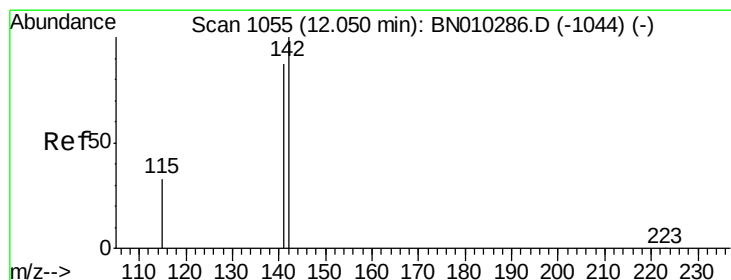
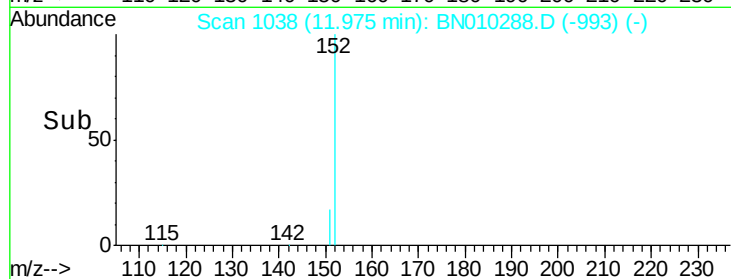
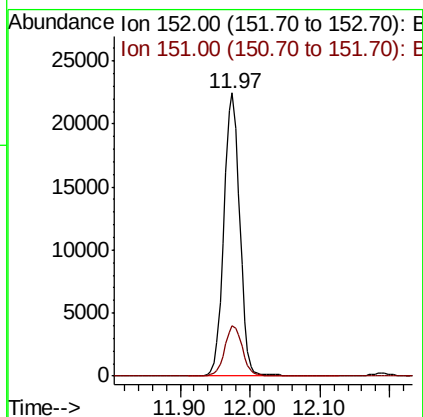
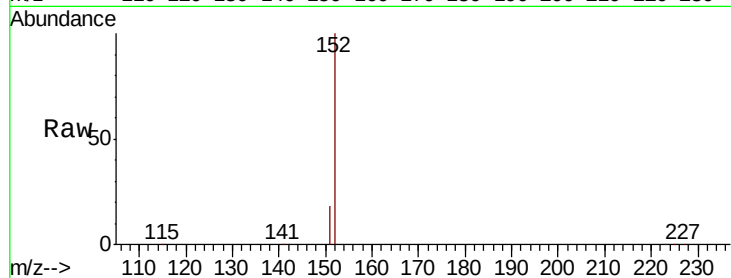




#11
 2-Methylnaphthalene-d10
 Concen: 1.616 ng
 RT: 11.97 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BN010288.D
 Acq: 19 Mar 2020 13:28

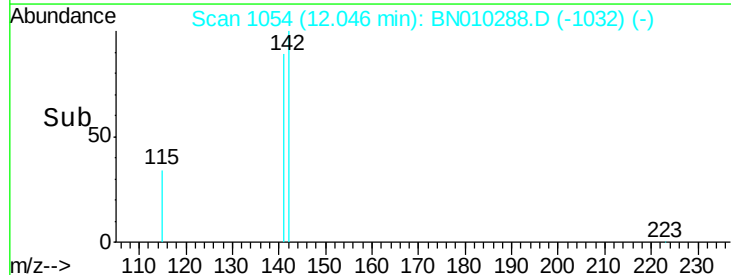
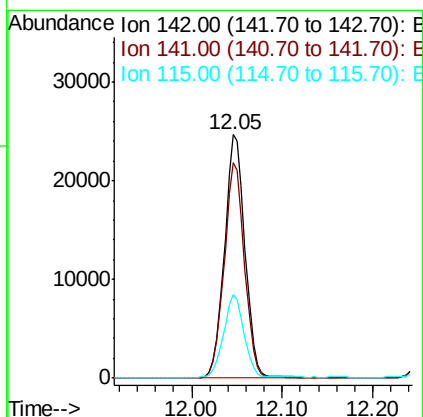
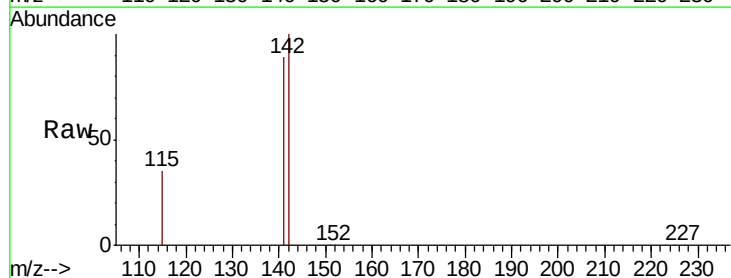
Instrument :
 BNA_N
 ClientSampleId :

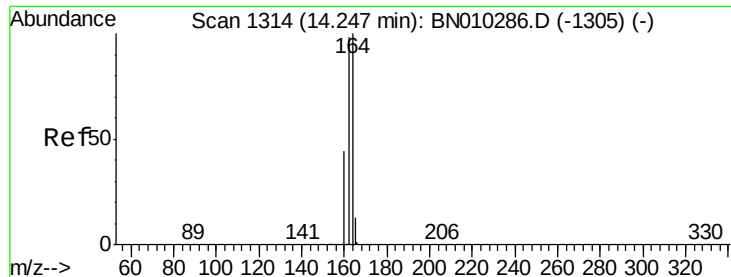
Tot Ion:152 Resp: 34884
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 1.624 ng
 RT: 12.05 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BN010288.D
 Acq: 19 Mar 2020 13:28

Tgt Ion:142 Resp: 38185
 Ion Ratio Lower Upper
 142 100
 141 88.6 69.5 104.3
 115 34.6 27.5 41.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BN010288.D

Acq: 19 Mar 2020 13:28

Instrument :

BNA_N

ClientSampleId :

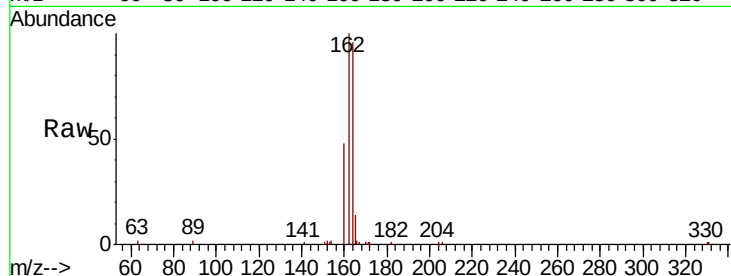
Tot Ion:164 Resp: 8083

Ion Ratio Lower Upper

164 100

162 104.5 78.2 117.2

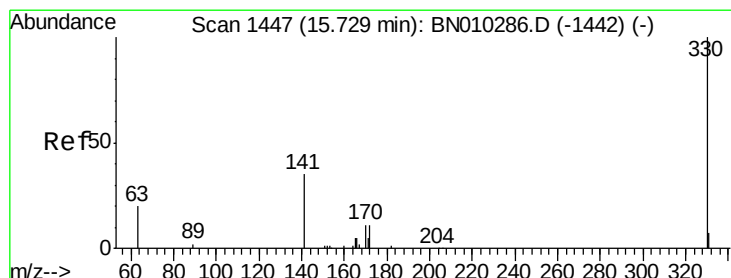
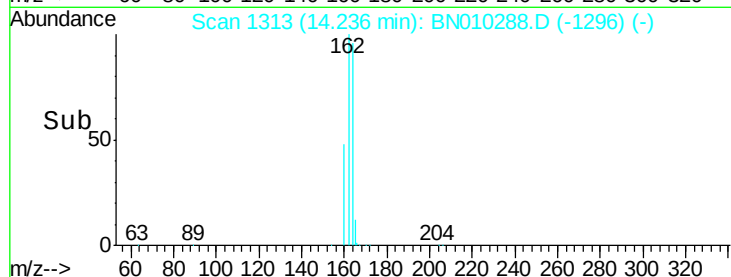
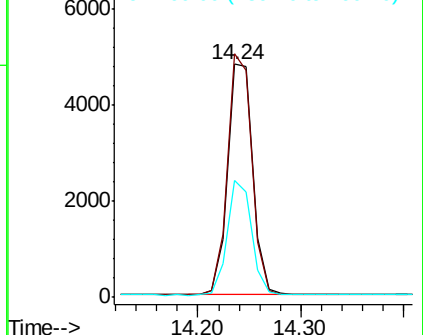
160 50.4 35.8 53.6



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: 1.718 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BN010288.D

Acq: 19 Mar 2020 13:28

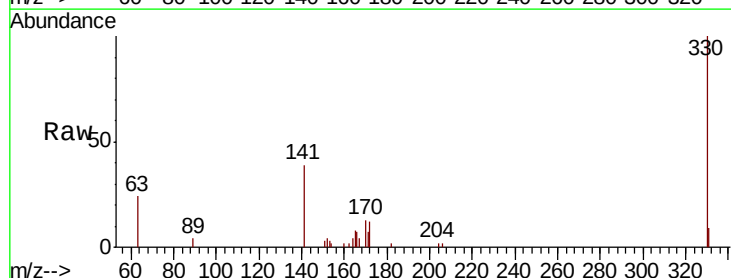
Tgt Ion:330 Resp: 4972

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

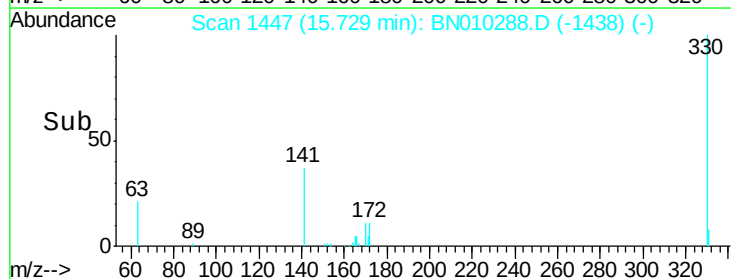
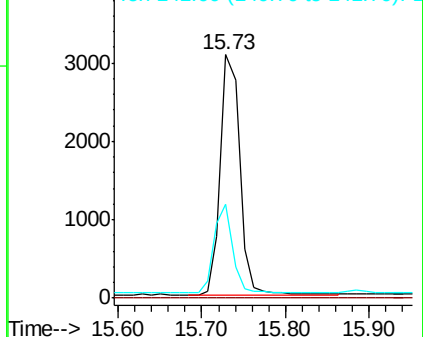
141 35.1 29.3 43.9

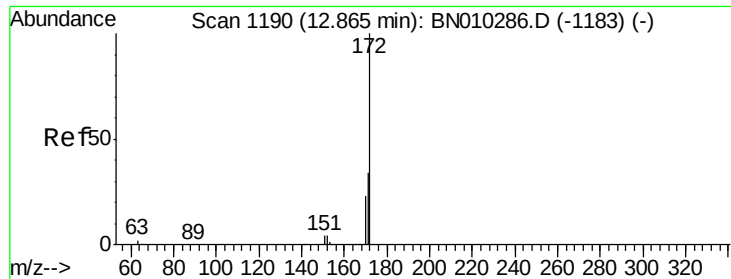


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

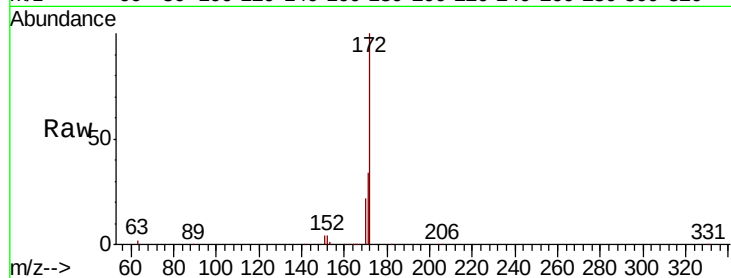




#15
2-Fluorobiphenyl
Concen: 1.779 ng
RT: 12.86 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.6	41.4
170	22.4	18.5	27.7

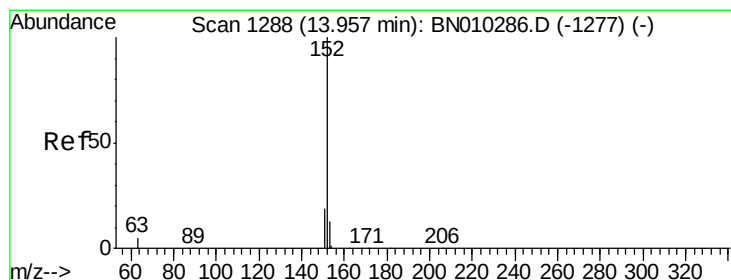
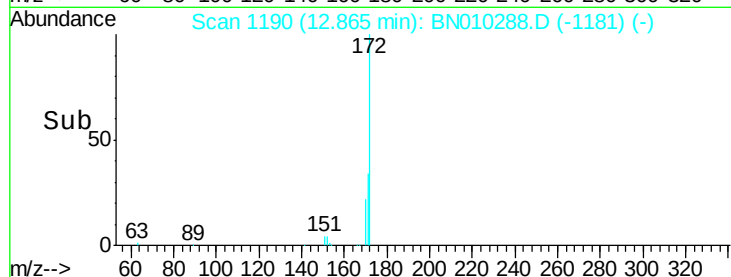
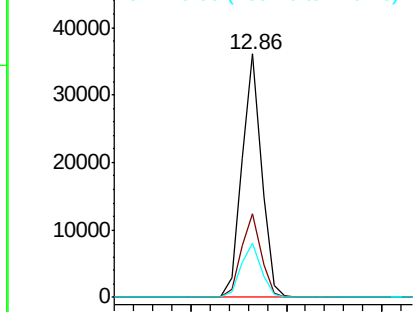


Abundance

Ion 172.00 (171.70 to 172.70): E

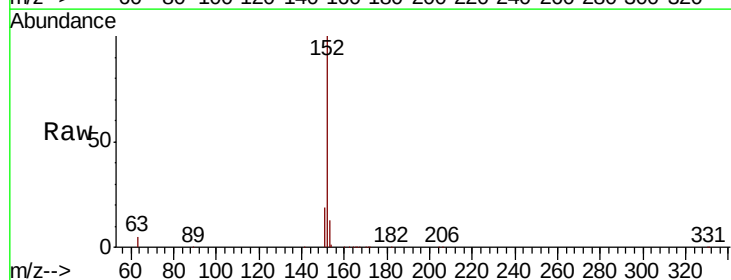
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 1.445 ng
RT: 13.96 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.6	23.4
153	13.0	10.6	15.8

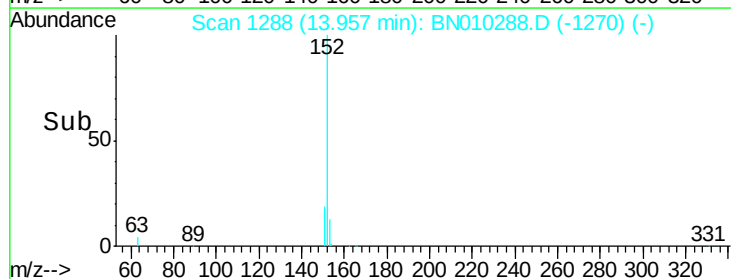
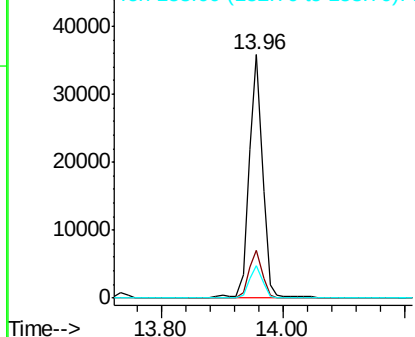


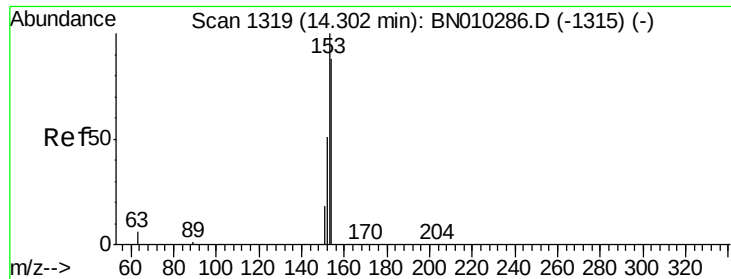
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 1.689 ng

RT: 14.30 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BN010288.D

Acq: 19 Mar 2020 13:28

Instrument :

BNA_N

ClientSampleId :

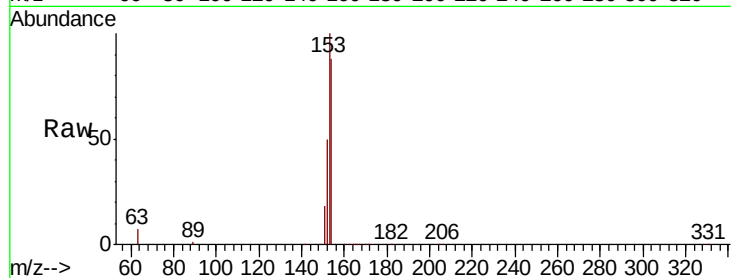
Tot Ion:154 Resp: 38232

Ion Ratio Lower Upper

154 100

153 108.9 88.1 132.1

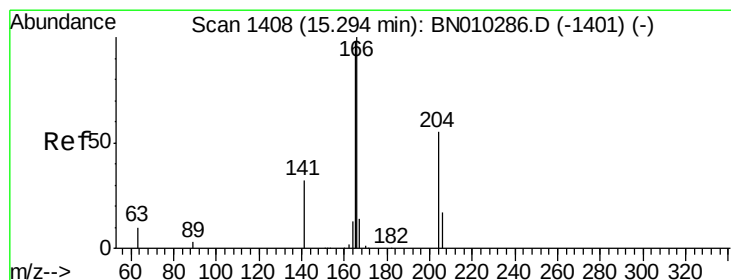
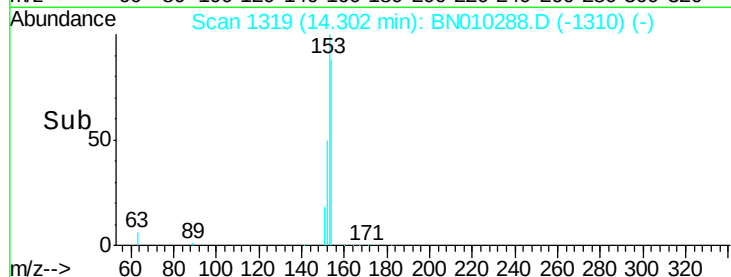
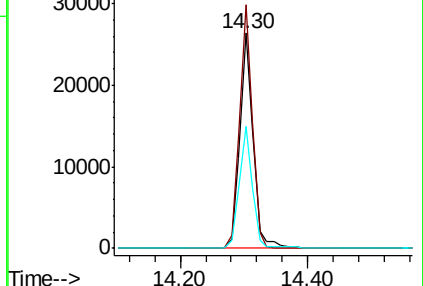
152 55.2 45.5 68.3



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: 1.644 ng

RT: 15.29 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BN010288.D

Acq: 19 Mar 2020 13:28

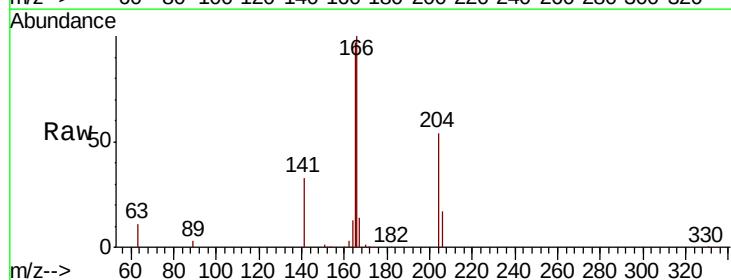
Tgt Ion:166 Resp: 50730

Ion Ratio Lower Upper

166 100

165 97.5 78.7 118.1

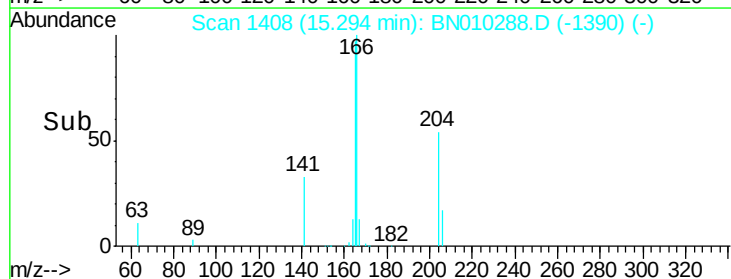
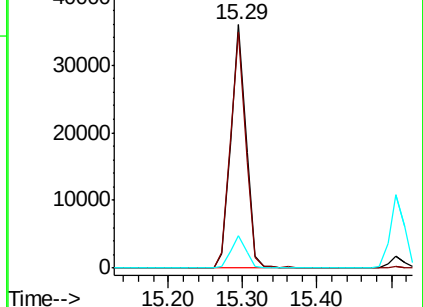
167 13.4 11.0 16.4

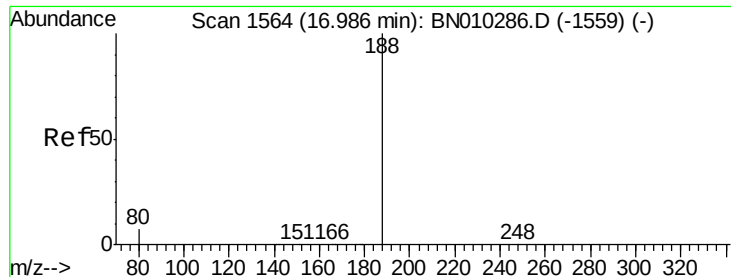


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.99 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BN010288.D

Acq: 19 Mar 2020 13:28

Instrument :

BNA_N

ClientSampleId :

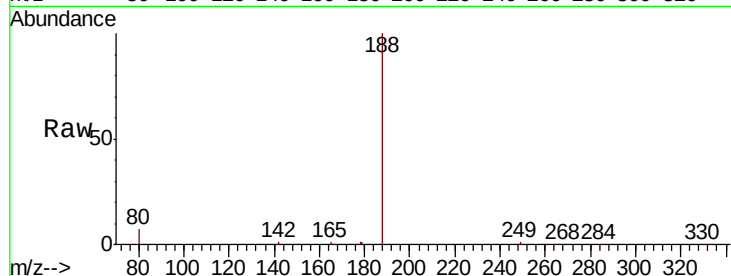
Tot Ion:188 Resp: 18771

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

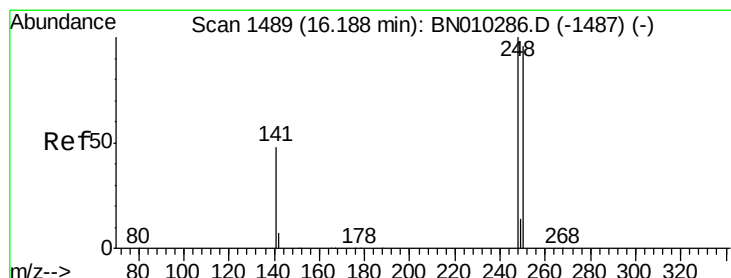
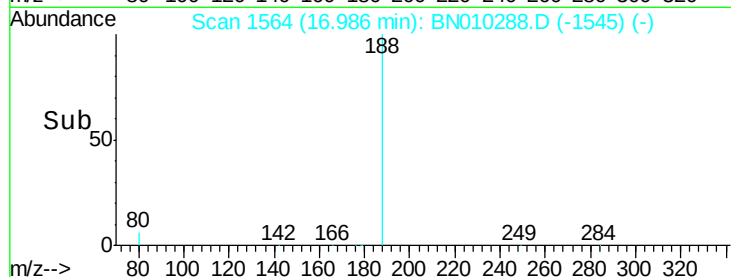
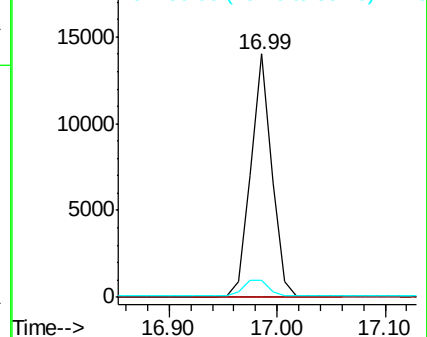
80 7.0 6.0 9.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNO

Ion 80.00 (79.70 to 80.70): BNO



#20

4-Bromophenyl-phenylether

Concen: 1.776 ng

RT: 16.19 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BN010288.D

Acq: 19 Mar 2020 13:28

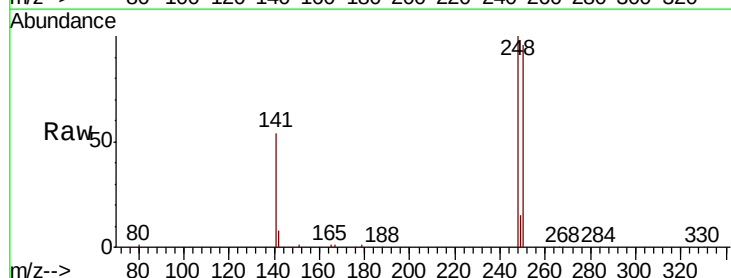
Tgt Ion:248 Resp: 19138

Ion Ratio Lower Upper

248 100

250 96.2 76.8 115.2

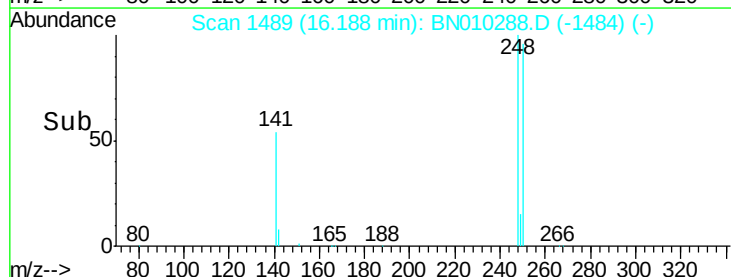
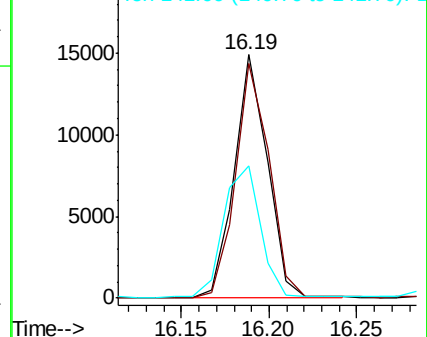
141 54.3 44.4 66.6

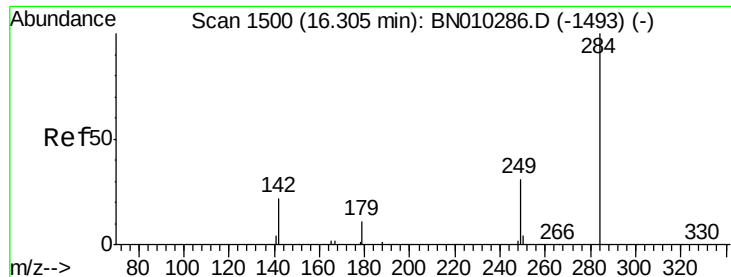


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

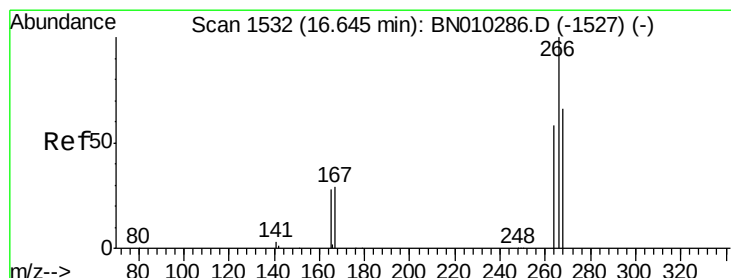
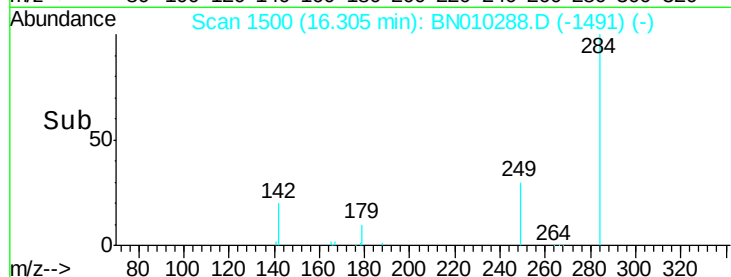
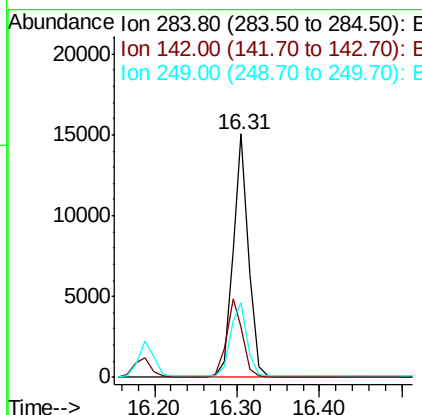
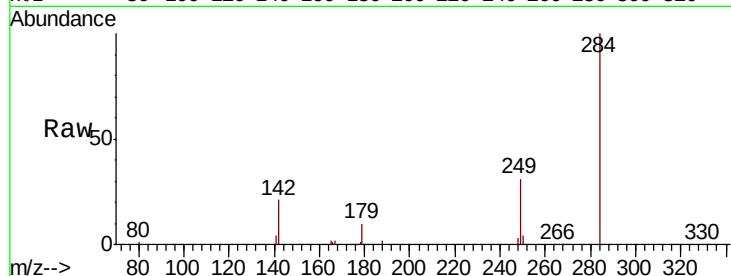




#21
Hexachlorobenzene
Concen: 1.868 ng
RT: 16.31 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

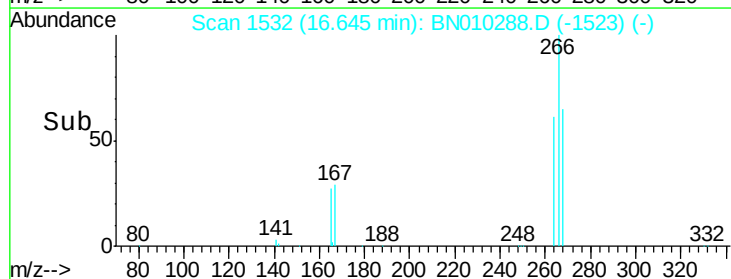
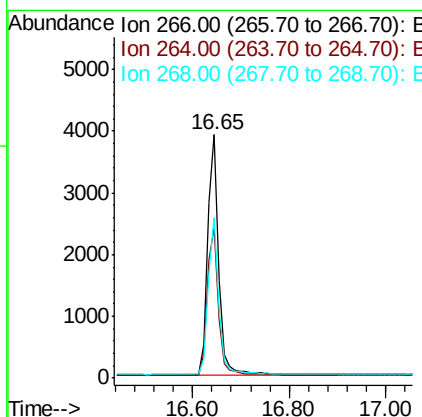
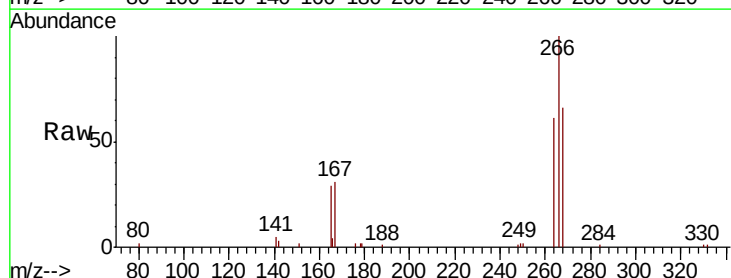
Instrument :
BNA_N
ClientSampleId :

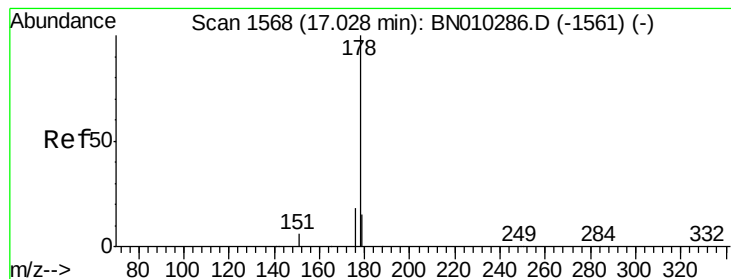
Tot Ion:284 Resp: 19658
Ion Ratio Lower Upper
284 100
142 33.2 27.4 41.2
249 32.9 26.5 39.7



#22
Pentachlorophenol
Concen: 1.927 ng
RT: 16.65 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Tgt Ion:266 Resp: 6263
Ion Ratio Lower Upper
266 100
264 61.5 47.7 71.5
268 65.7 54.9 82.3





#23

Phenanthrene

Concen: 1.736 ng

RT: 17.03 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BN010288.D

Acq: 19 Mar 2020 13:28

Instrument :

BNA_N

ClientSampleId :

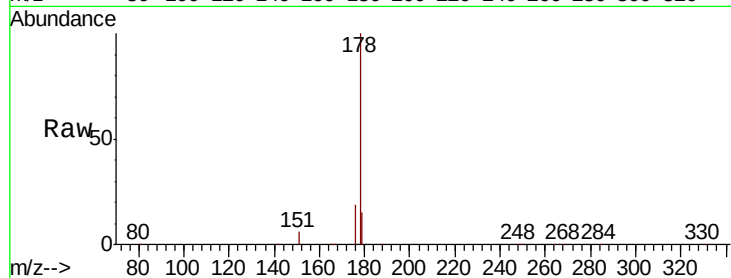
Tot Ion:178 Resp: 86464

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

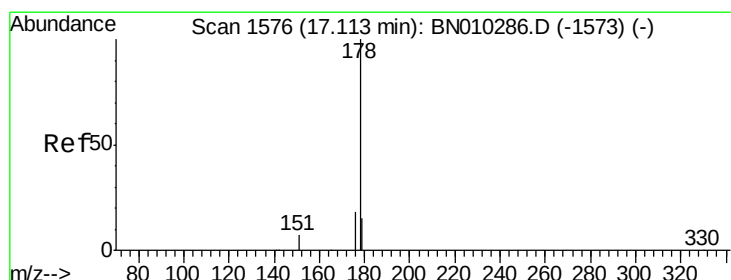
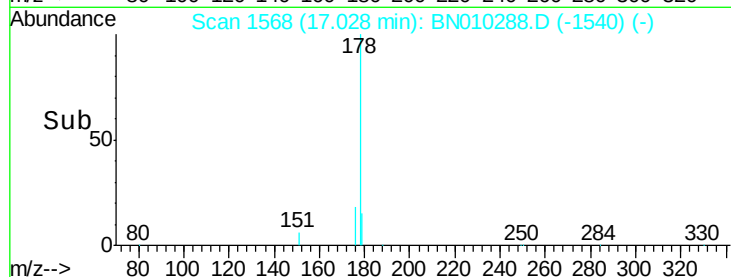
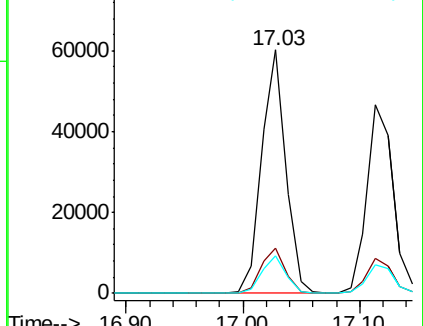
179 15.2 12.4 18.6



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: 1.494 ng

RT: 17.11 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BN010288.D

Acq: 19 Mar 2020 13:28

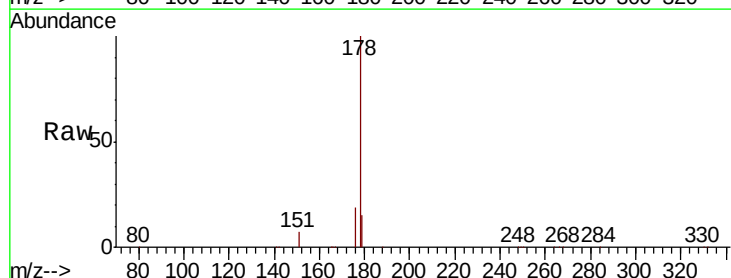
Tgt Ion:178 Resp: 74129

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

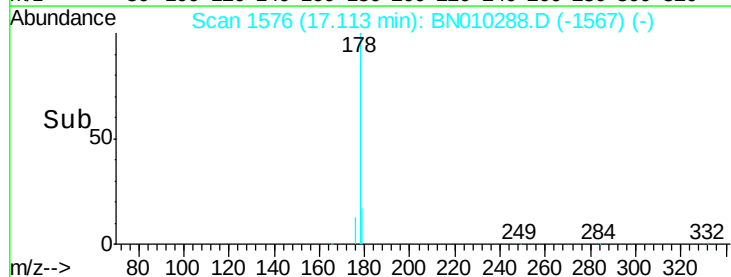
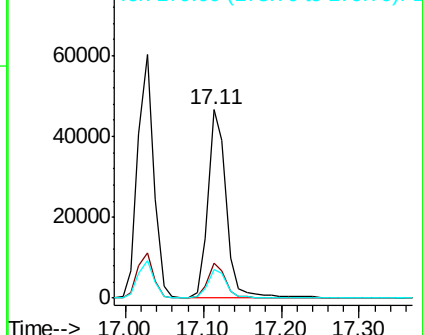
179 15.4 12.3 18.5

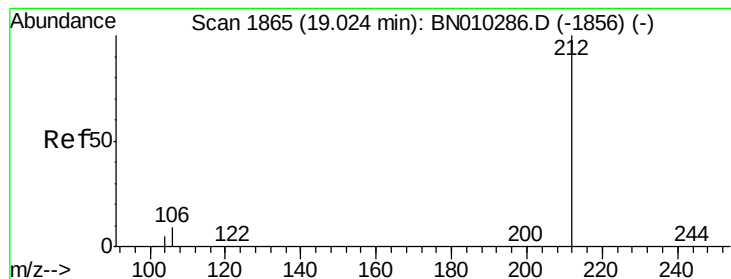


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 1.623 ng

RT: 19.02 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BN010288.D

Acq: 19 Mar 2020 13:28

Instrument :

BNA_N

ClientSampleId :

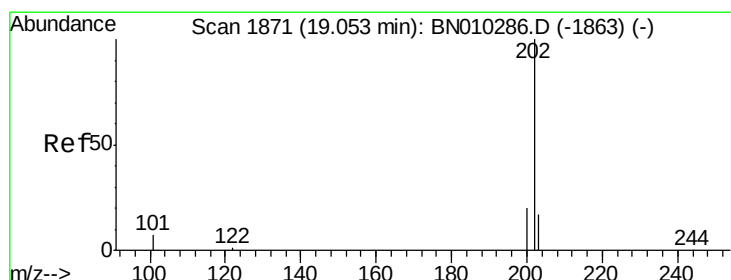
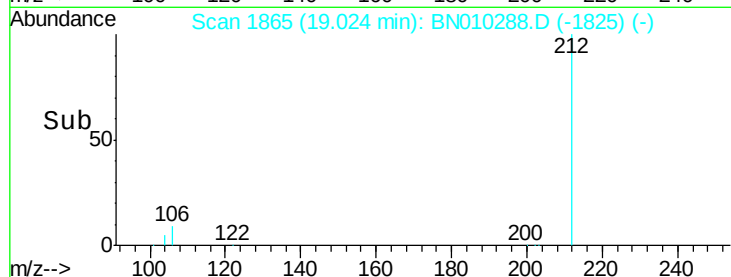
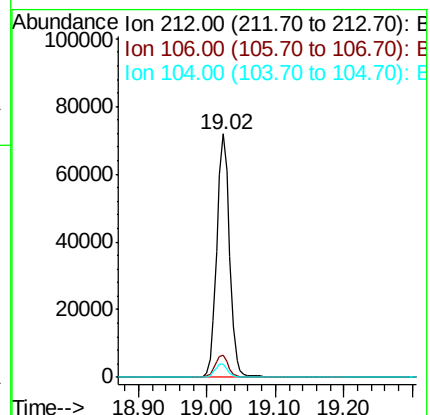
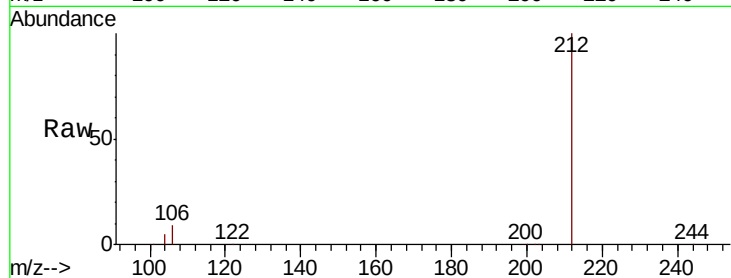
Tot Ion:212 Resp: 94080

Ion Ratio Lower Upper

212 100

106 9.3 7.4 11.2

104 5.3 4.2 6.4



#26

Fluoranthene

Concen: 1.713 ng

RT: 19.05 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BN010288.D

Acq: 19 Mar 2020 13:28

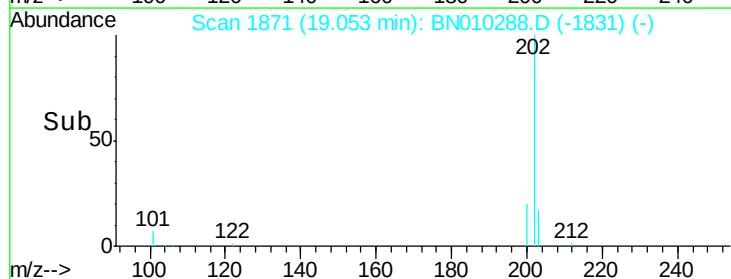
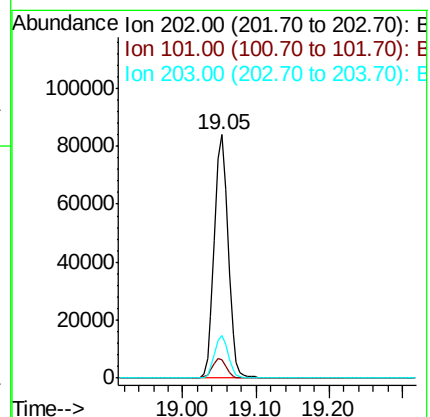
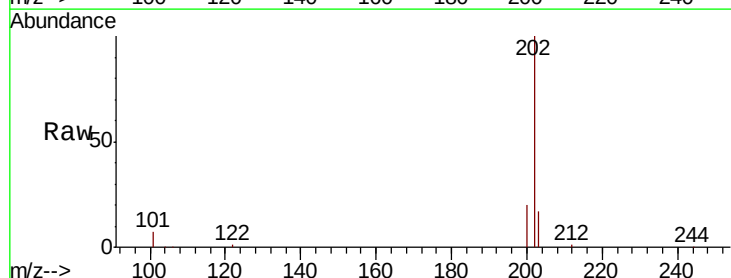
Tgt Ion:202 Resp: 108035

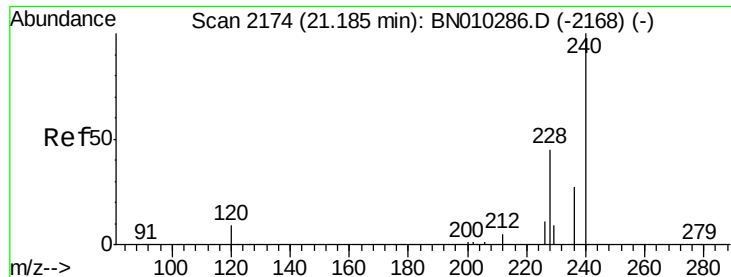
Ion Ratio Lower Upper

202 100

101 8.1 6.6 9.8

203 17.2 13.8 20.8





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.19 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BN010288.D

Acq: 19 Mar 2020 13:28

Instrument :

BNA_N

ClientSampleId :

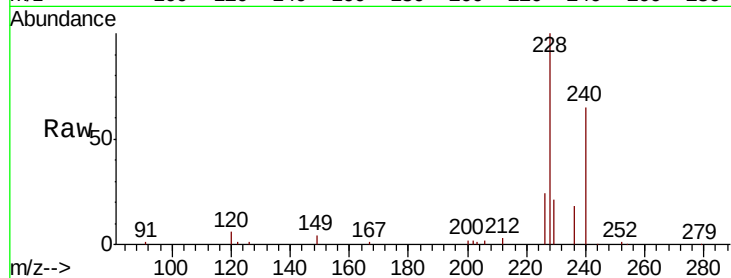
Tot Ion:240 Resp: 20578

Ion Ratio Lower Upper

240 100

120 8.9 7.9 11.9

236 27.2 22.2 33.4

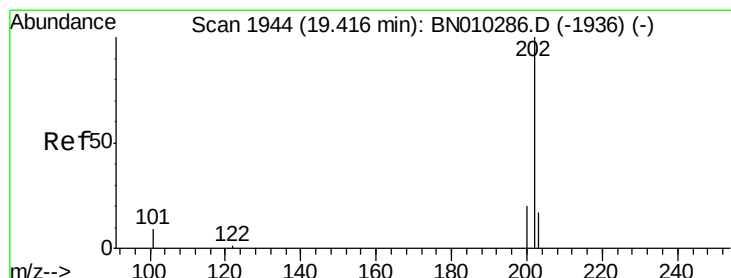
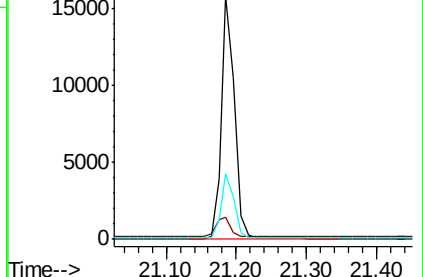
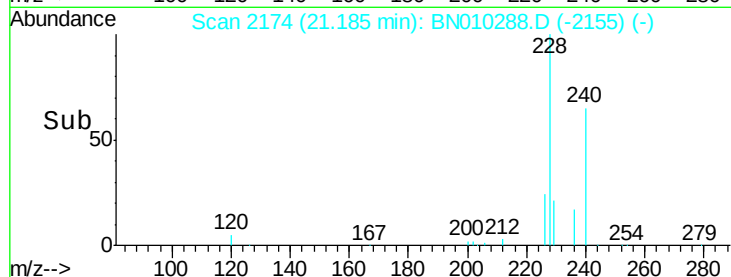


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.19



#28

Pyrene

Concen: 1.532 ng

RT: 19.42 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BN010288.D

Acq: 19 Mar 2020 13:28

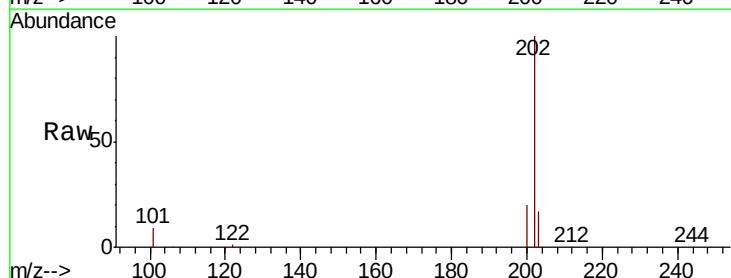
Tgt Ion:202 Resp: 105308

Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.4

203 17.4 14.2 21.2

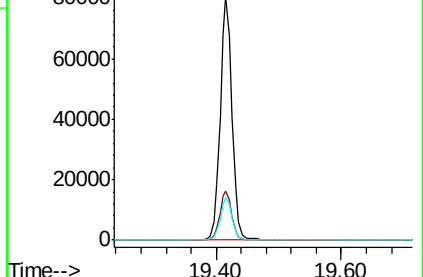
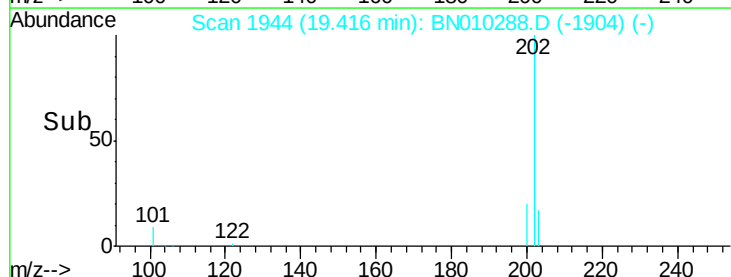


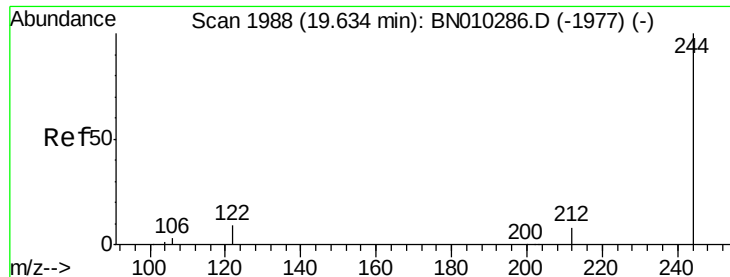
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

19.42





#29

Terphenyl-d14

Concen: 1.563 ng

RT: 19.63 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BN010288.D

Acq: 19 Mar 2020 13:28

Instrument :

BNA_N

ClientSampleId :

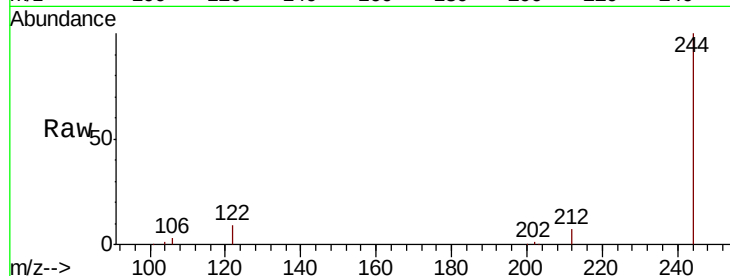
Tot Ion:244 Resp: 73314

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

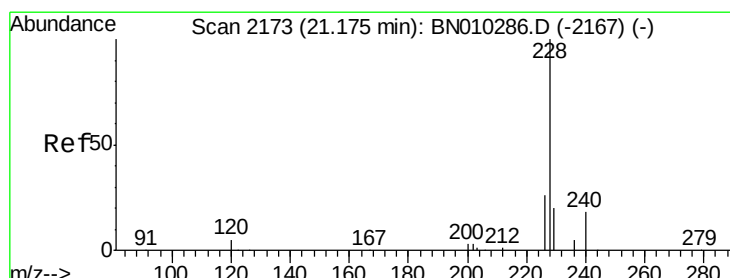
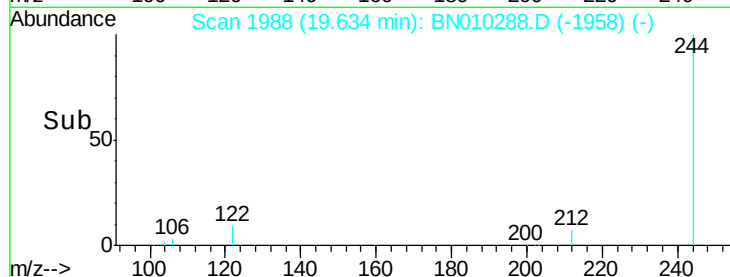
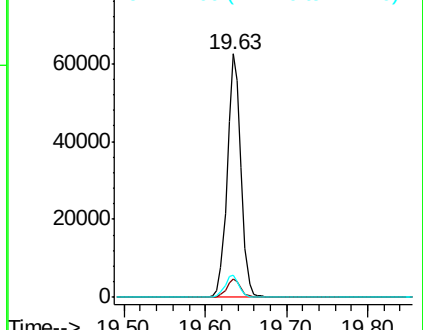
122 9.0 7.6 11.4



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: 1.586 ng

RT: 21.17 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BN010288.D

Acq: 19 Mar 2020 13:28

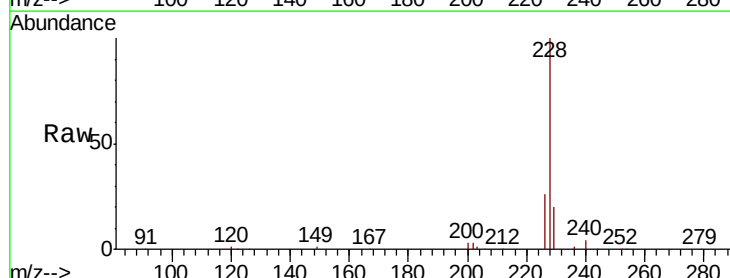
Tgt Ion:228 Resp: 110971

Ion Ratio Lower Upper

228 100

226 25.9 21.0 31.4

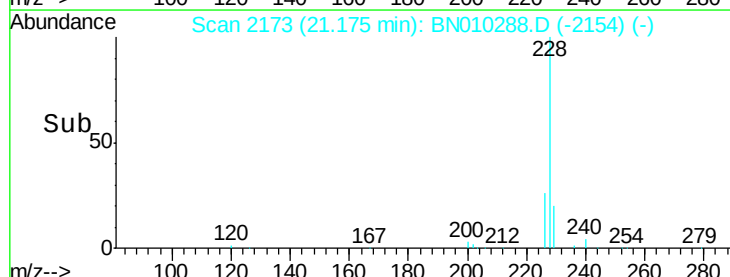
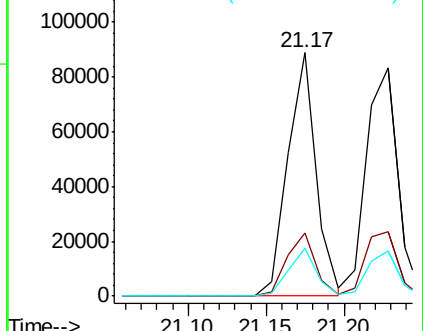
229 19.8 16.0 24.0

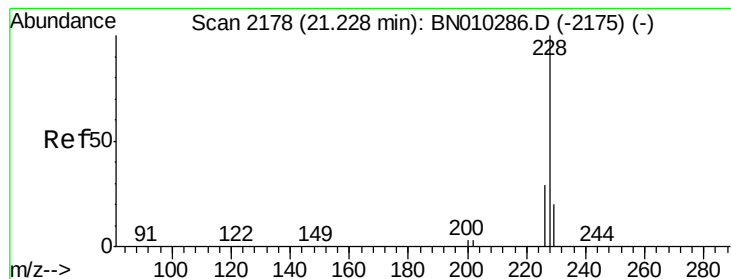


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 1.685 ng

RT: 21.23 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BN010288.D

Acq: 19 Mar 2020 13:28

Instrument :

BNA_N

ClientSampled :

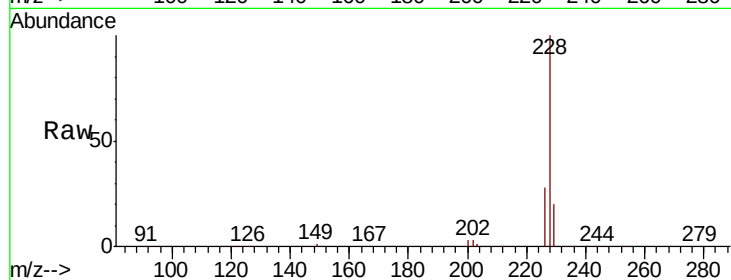
Tot Ion:228 Resp: 116026

Ion Ratio Lower Upper

228 100

226 28.2 23.0 34.6

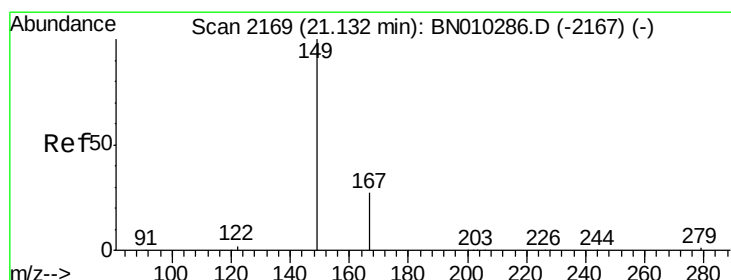
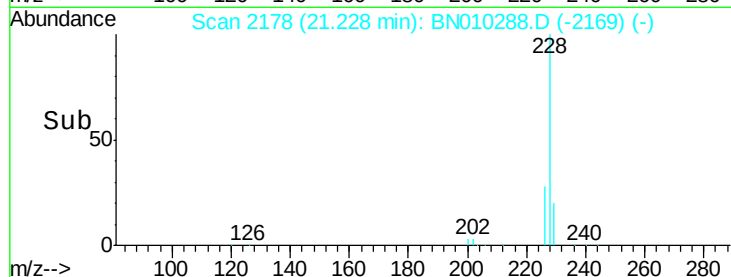
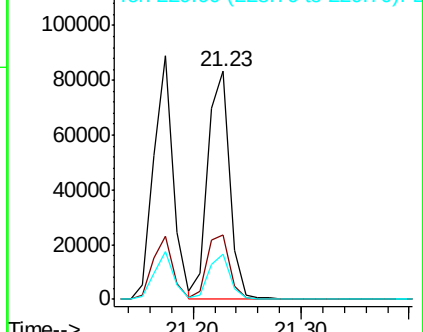
229 20.1 16.0 24.0



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: 1.103 ng

RT: 21.13 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN010288.D

Acq: 19 Mar 2020 13:28

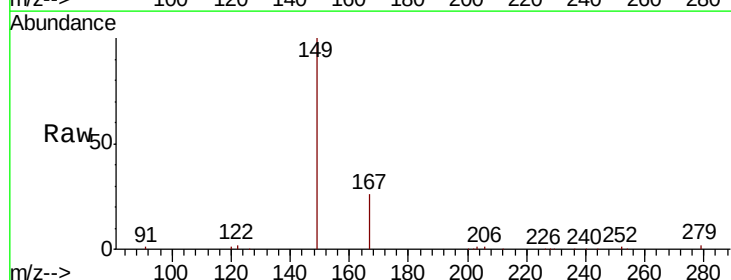
Tgt Ion:149 Resp: 32874

Ion Ratio Lower Upper

149 100

167 28.7 23.0 34.6

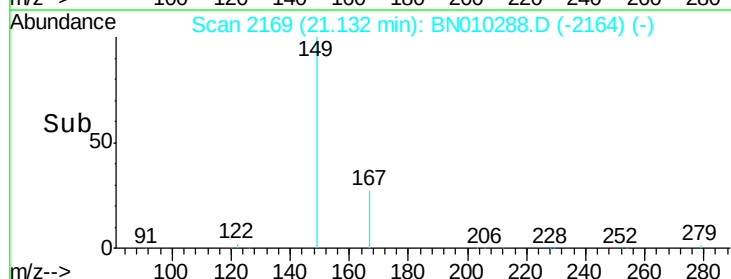
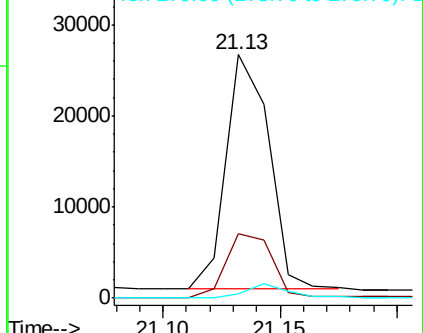
279 4.9 3.8 5.8

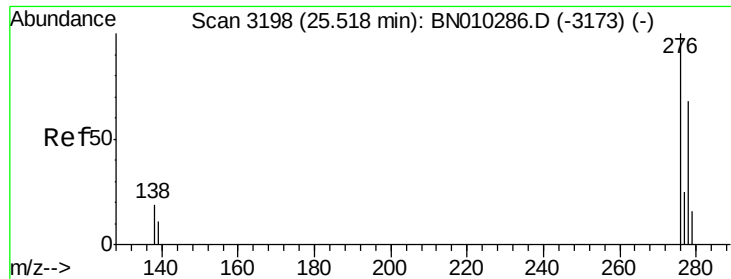


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

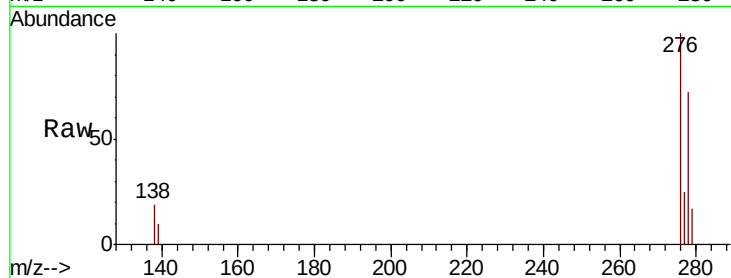




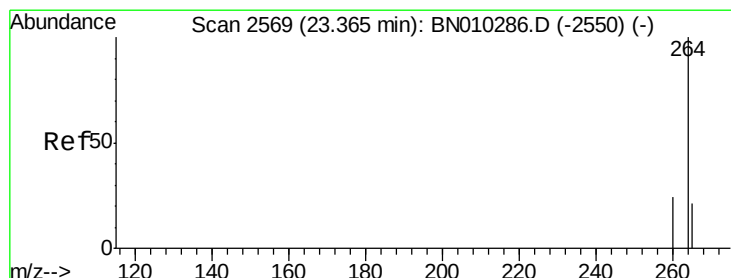
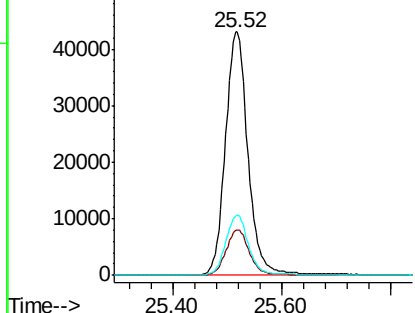
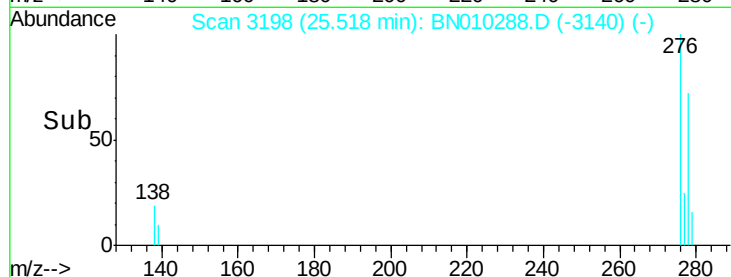
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 1.504 ng
 RT: 25.52 min Scan# 3198
 Delta R.T. 0.00 min
 Lab File: BN010288.D
 Acq: 19 Mar 2020 13:28

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 122914
 Ion Ratio Lower Upper
 276 100
 138 18.9 15.6 23.4
 277 24.9 20.1 30.1

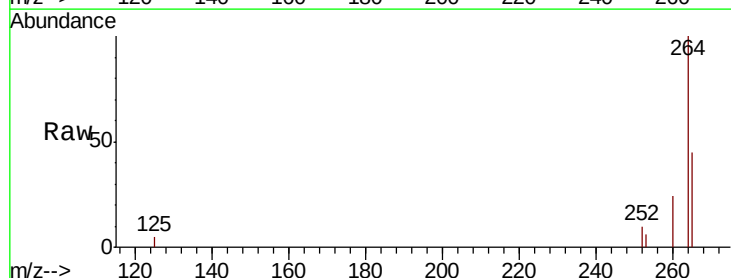


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

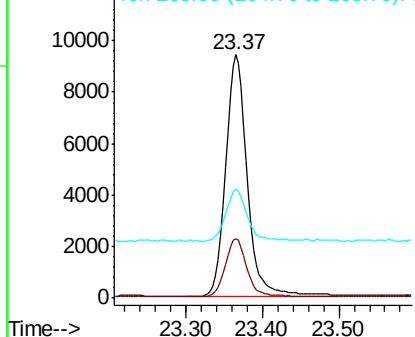
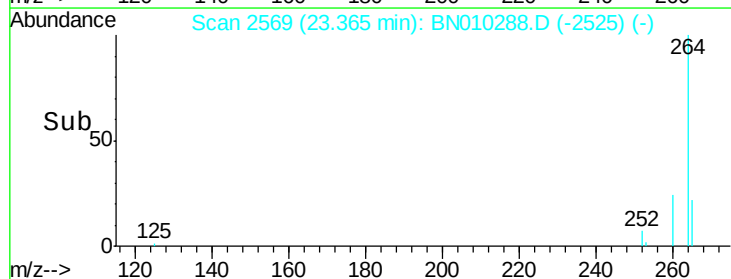


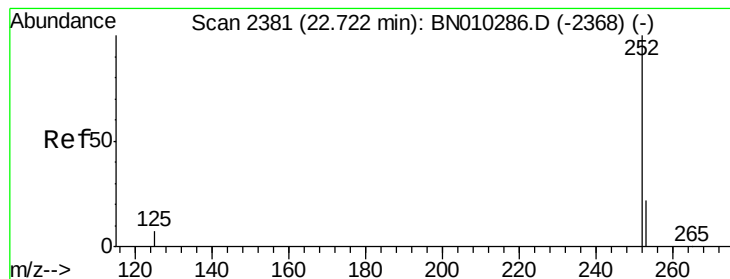
#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.37 min Scan# 2569
 Delta R.T. 0.00 min
 Lab File: BN010288.D
 Acq: 19 Mar 2020 13:28

Tgt Ion:264 Resp: 18679
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 44.9 32.4 48.6



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: 1.914 ng

RT: 22.72 min Scan# 2381

Delta R.T. 0.00 min

Lab File: BN010288.D

Acq: 19 Mar 2020 13:28

Instrument :

BNA_N

ClientSampleId :

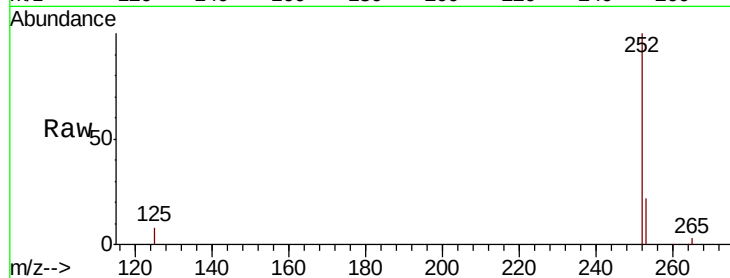
Tot Ion:252 Resp: 109943

Ion Ratio Lower Upper

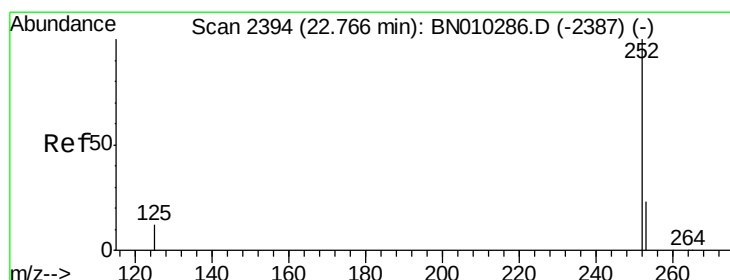
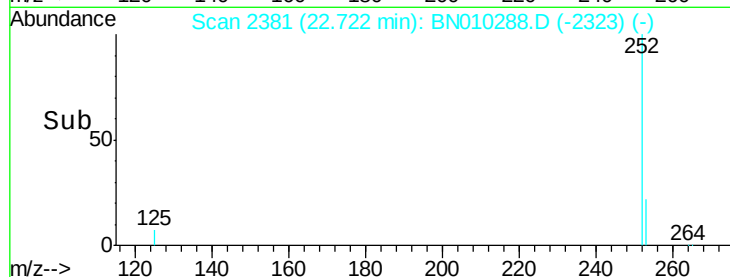
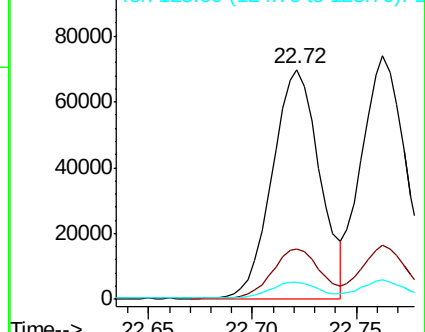
252 100

253 22.1 19.2 28.8

125 7.6 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 1.949 ng

RT: 22.76 min Scan# 2393

Delta R.T. -0.00 min

Lab File: BN010288.D

Acq: 19 Mar 2020 13:28

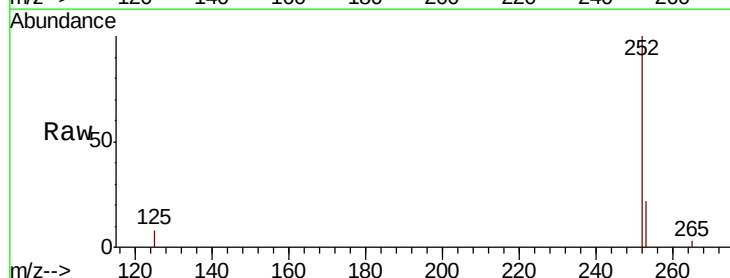
Tgt Ion:252 Resp: 113135

Ion Ratio Lower Upper

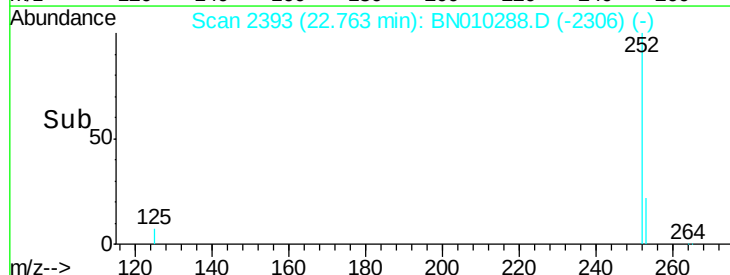
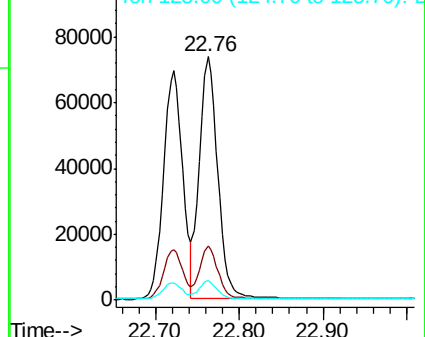
252 100

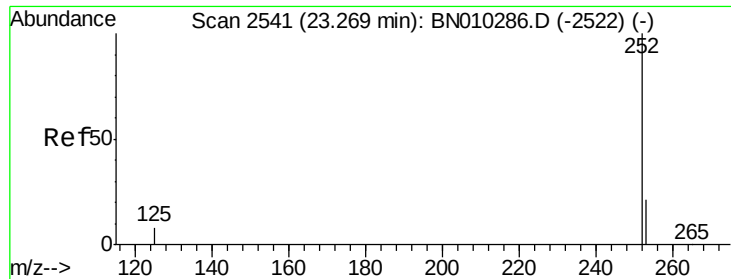
253 22.0 19.4 29.0

125 7.8 10.2 15.2#



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

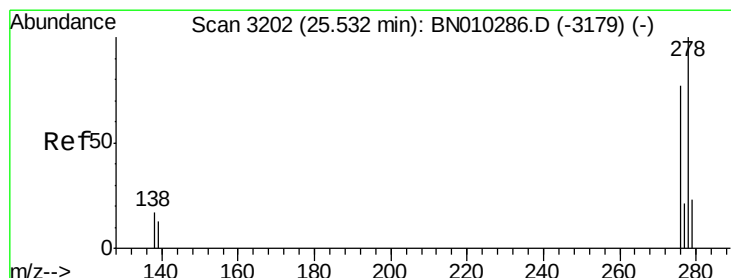
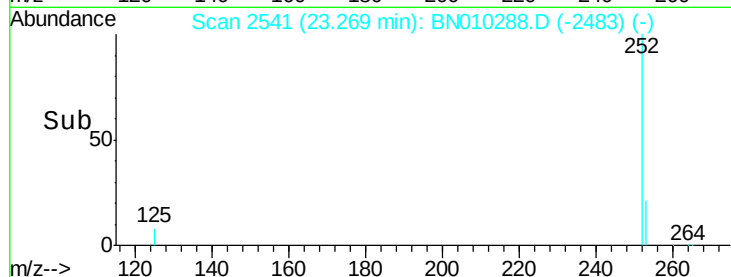
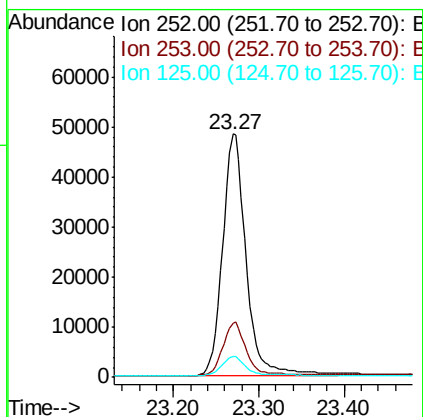
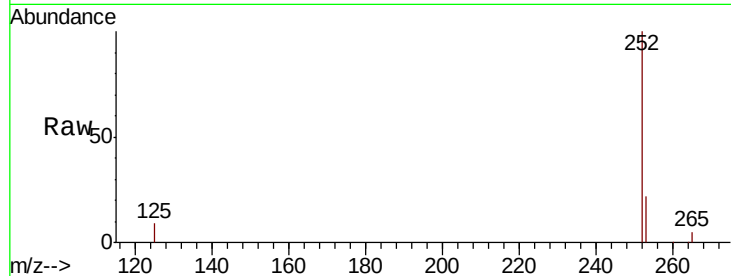




#37
Benzo(a)pyrene
Concen: 1.703 ng
RT: 23.27 min Scan# 2541
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

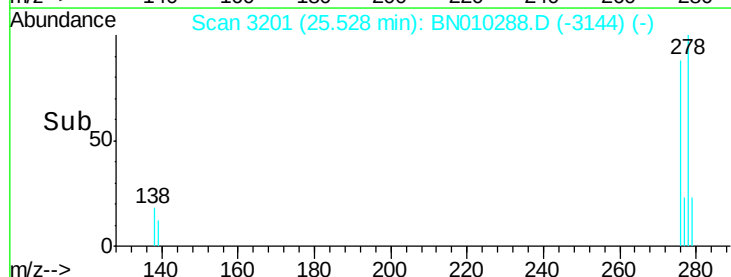
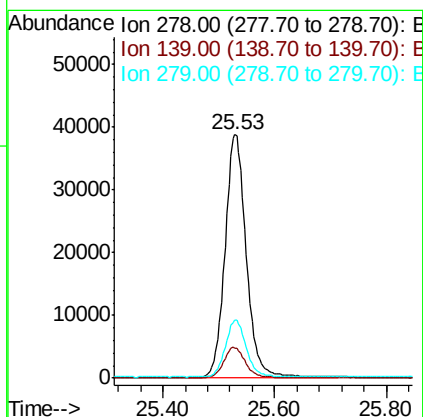
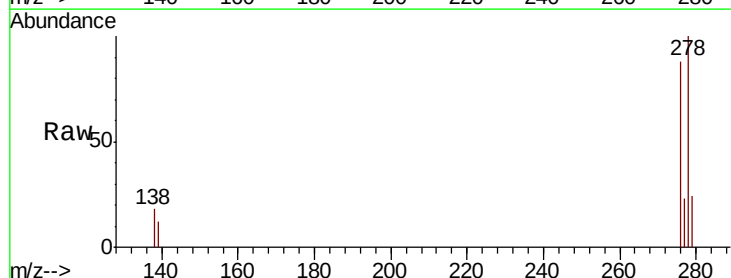
Instrument :
BNA_N
ClientSampleId :

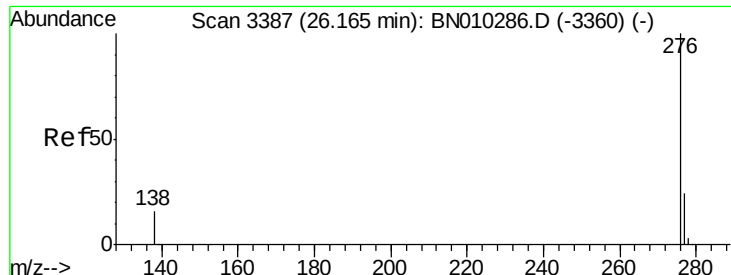
Tot Ion:252 Resp: 92286
Ion Ratio Lower Upper
252 100
253 22.1 19.9 29.9
125 8.7 8.9 13.3#



#38
Dibenzo(a,h)anthracene
Concen: 1.876 ng
RT: 25.53 min Scan# 3201
Delta R.T. -0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Tgt Ion:278 Resp: 102013
Ion Ratio Lower Upper
278 100
139 12.5 10.6 16.0
279 23.7 19.8 29.6





#39

Benzo(a,h,i)perylene

Concen: 1.868 ng

RT: 26.16 min Scan# 3386

Delta R.T. -0.00 min

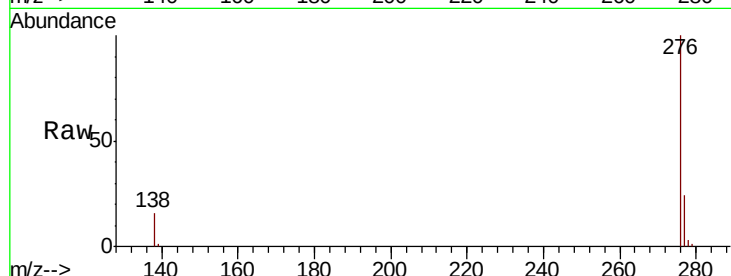
Lab File: BN010288.D

Acq: 19 Mar 2020 13:28

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 101419

Ion Ratio Lower Upper

276 100

277 23.9 19.6 29.4

138 16.5 13.3 19.9

