

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
 Data File : BN010287.D
 Acq On : 19 Mar 2020 12:52
 Operator : CG/JU
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 19 15:16:38 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	3985	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	13437	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	8179	0.40	ng	0.00
19) Phenanthrene-d10	16.98	188	18802	0.40	ng	0.00
27) Chrysene-d12	21.19	240	20665	0.40	ng	0.00
34) Perylene-d12	23.36	264	19762	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	5957	0.64	ng	0.00
5) Phenol-d6	6.80	99	7367	0.63	ng	0.00
8) Nitrobenzene-d5	8.75	82	6358	0.79	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	16282	0.73	ng	0.00
14) 2,4,6-Tribromophenol	15.74	330	2217	0.76	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	24020	0.82	ng	0.00
25) Fluoranthene-d10	19.02	212	42923	0.74	ng	0.00
29) Terphenyl-d14	19.64	244	33754	0.72	ng	0.00

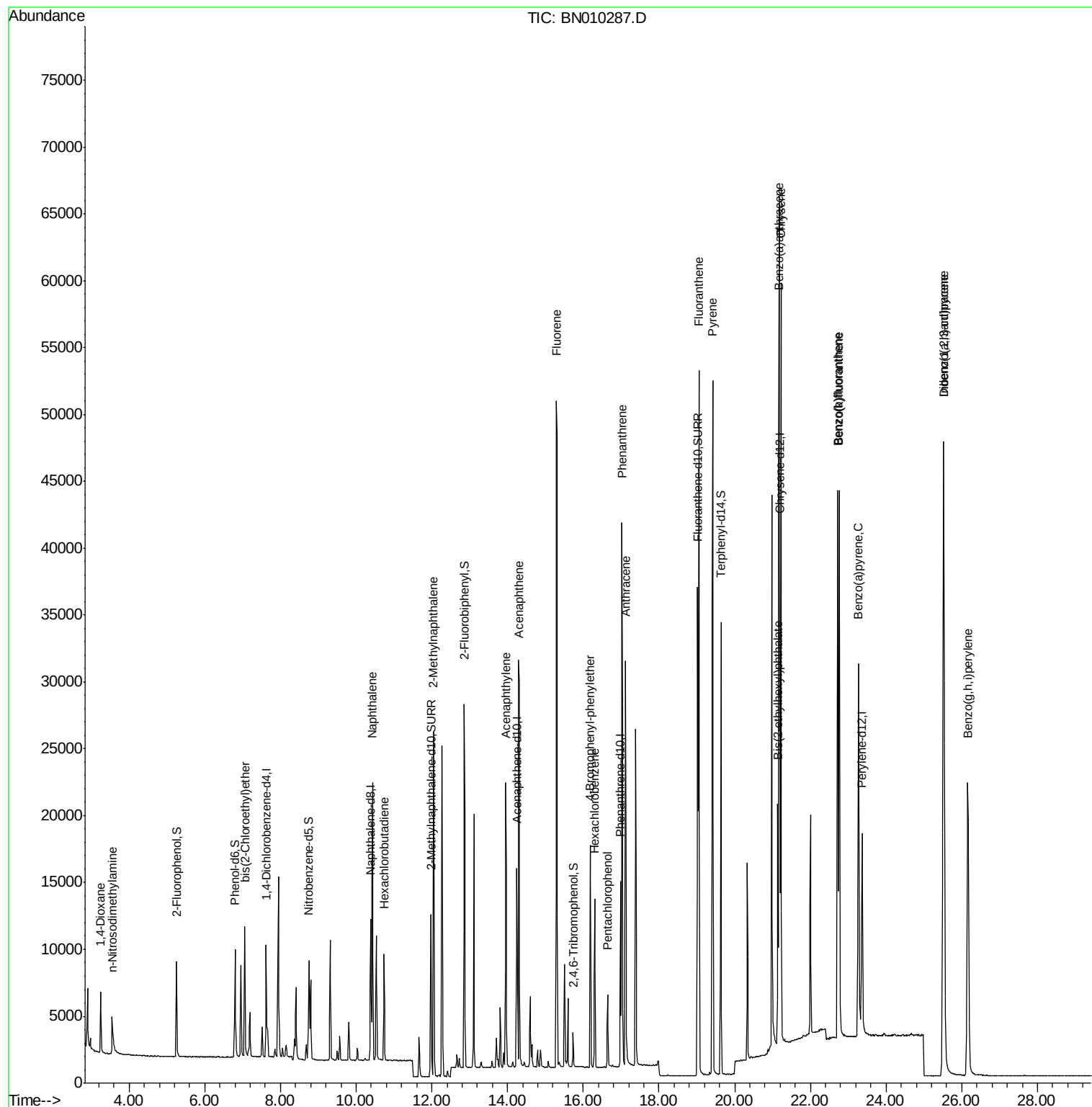
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	2938	0.756	ng	98
3) n-Nitrosodimethylamine	3.55	42	2377	0.690	ng	97
6) bis(2-Chloroethyl)ether	7.06	93	7364	0.755	ng	99
9) Naphthalene	10.43	128	25800	0.767	ng	100
10) Hexachlorobutadiene	10.73	225	6290	0.811	ng	# 99
12) 2-Methylnaphthalene	12.05	142	17693	0.732	ng	98
16) Acenaphthylene	13.95	152	23629	0.626	ng	100
17) Acenaphthene	14.31	154	17472	0.763	ng	99
18) Fluorene	15.29	166	23026	0.737	ng	100
20) 4-Bromophenyl-phenylether	16.18	248	8812	0.816	ng	# 89
21) Hexachlorobenzene	16.30	284	9116	0.865	ng	99
22) Pentachlorophenol	16.64	266	2633	0.809	ng	94
23) Phenanthrene	17.02	178	40104	0.804	ng	100
24) Anthracene	17.12	178	33479	0.674	ng	100
26) Fluoranthene	19.05	202	48819	0.773	ng	100
28) Pyrene	19.42	202	48379	0.701	ng	100
30) Benzo(a)anthracene	21.18	228	49320	0.702	ng	100
31) Chrysene	21.23	228	54284	0.785	ng	99
32) Bis(2-ethylhexyl)phthalate	21.13	149	14323	0.479	ng	99
33) Indeno(1,2,3-cd)pyrene	25.52	276	55323	0.674	ng	99
35) Benzo(b)fluoranthene	22.72	252	49469	0.814	ng	98
36) Benzo(k)fluoranthene	22.76	252	52630	0.857	ng	# 95
37) Benzo(a)pyrene	23.27	252	42083	0.734	ng	96
38) Dibenzo(a,h)anthracene	25.53	278	45969	0.799	ng	99
39) Benzo(g,h,i)perylene	26.16	276	46502	0.810	ng	99

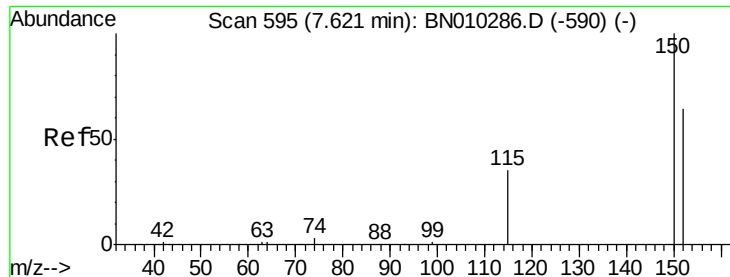
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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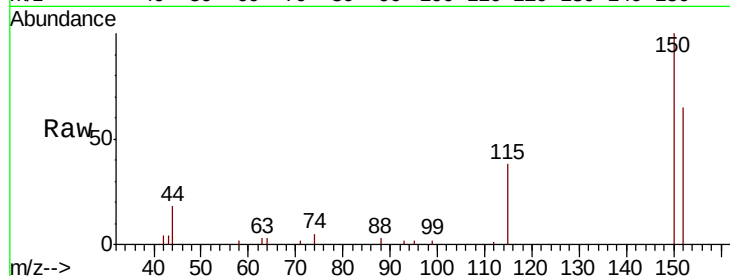


#1

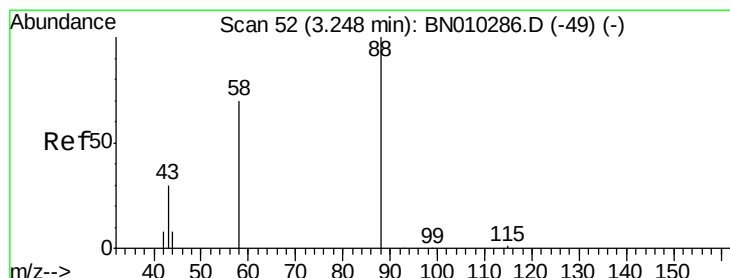
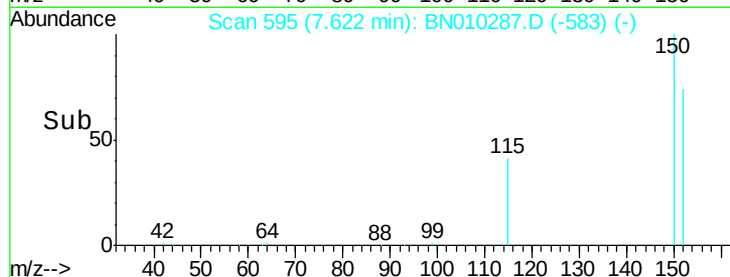
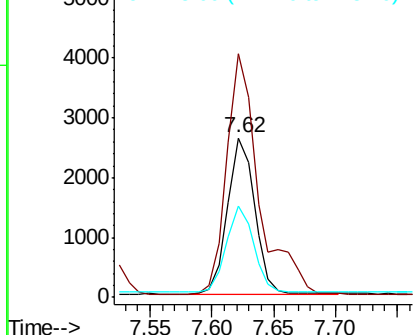
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. 0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3985
Ion Ratio Lower Upper
152 100
150 152.7 123.1 184.7
115 57.6 45.2 67.8



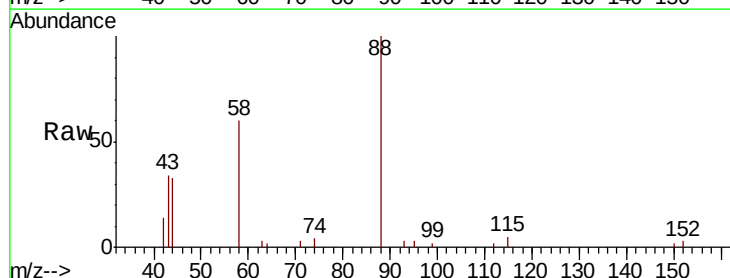
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



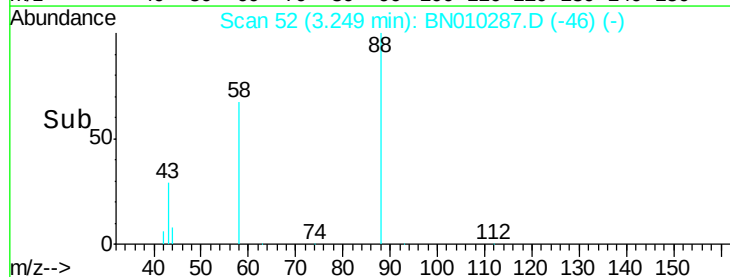
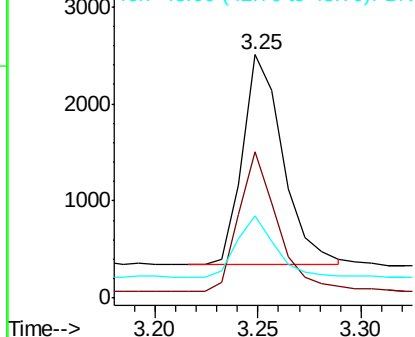
#2

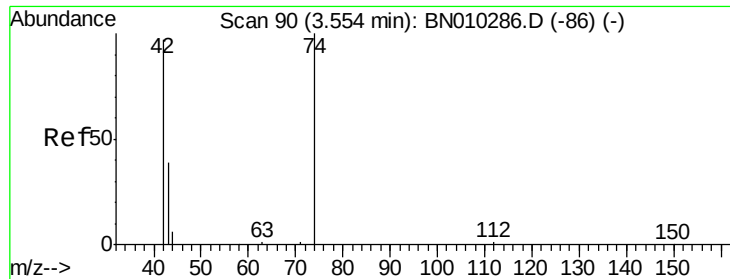
1,4-Dioxane
Concen: 0.756 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Tgt Ion: 88 Resp: 2938
Ion Ratio Lower Upper
88 100
58 63.8 51.7 77.5
43 27.8 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: 0.690 ng

RT: 3.55 min Scan# 90

Delta R.T. 0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Instrument :

BNA_N

ClientSampleId :

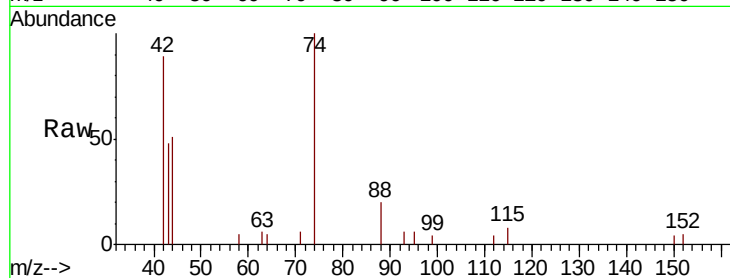
Tot Ion: 42 Resp: 2377

Ion Ratio Lower Upper

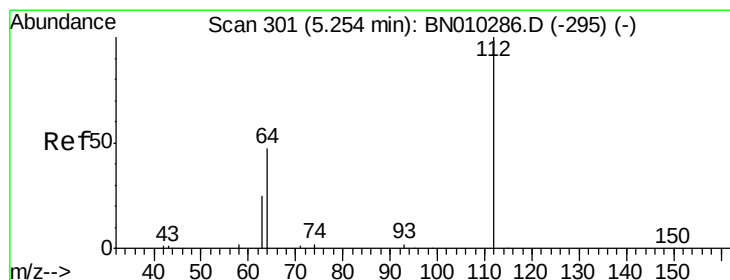
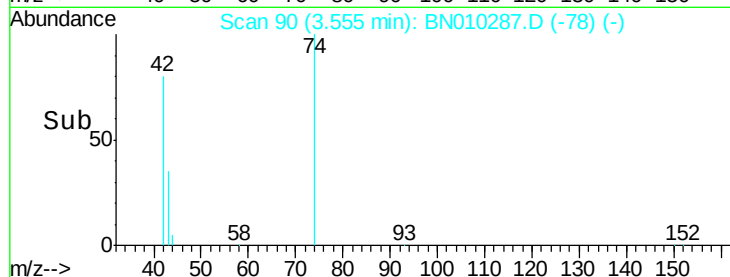
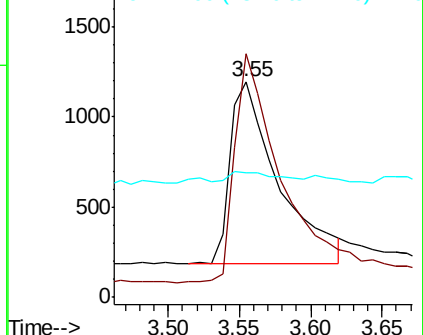
42 100

74 120.8 99.4 149.0

44 5.2 4.8 7.2



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: 0.637 ng

RT: 5.25 min Scan# 301

Delta R.T. 0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

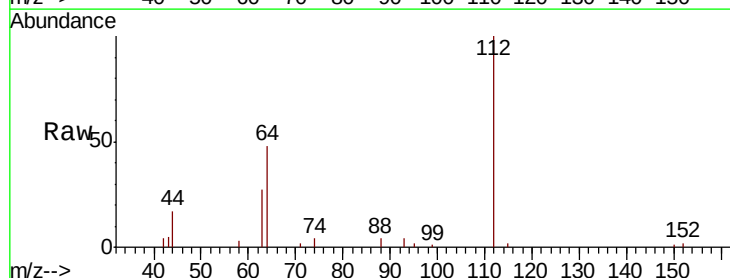
Tgt Ion: 112 Resp: 5957

Ion Ratio Lower Upper

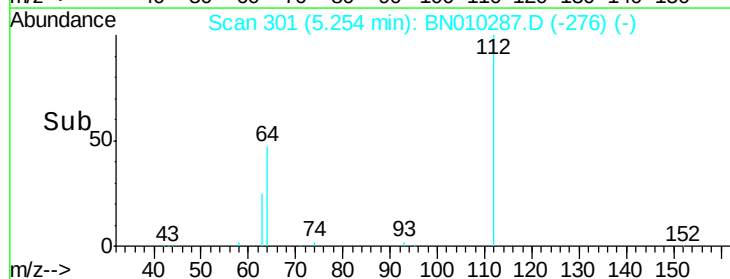
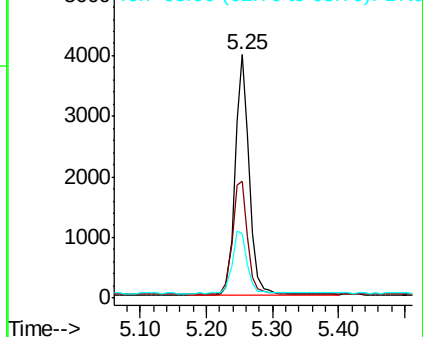
112 100

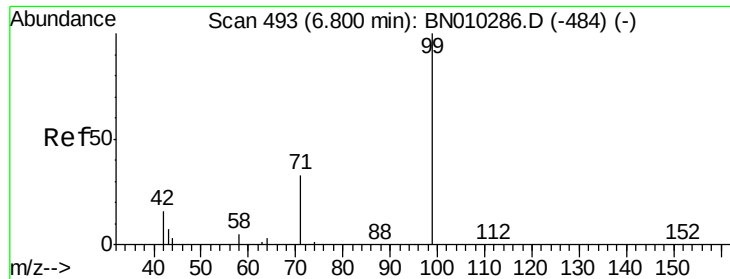
64 50.3 41.4 62.2

63 27.8 22.9 34.3



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: 0.630 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Instrument :

BNA_N

ClientSampleId :

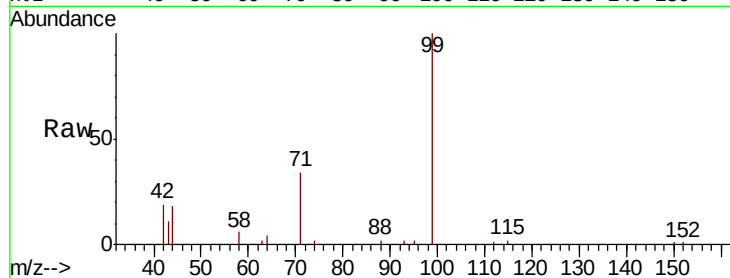
Tot Ion: 99 Resp: 7367

Ion Ratio Lower Upper

99 100

42 18.4 14.8 22.2

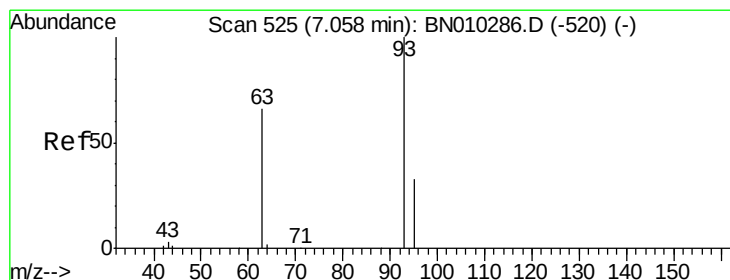
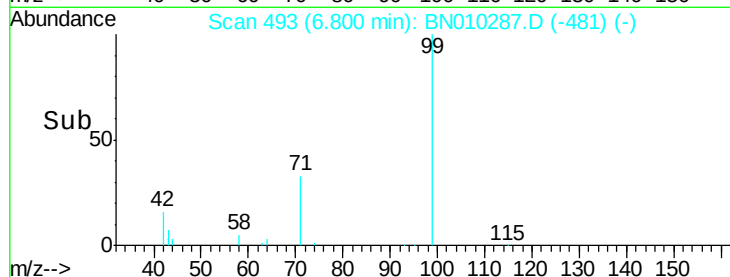
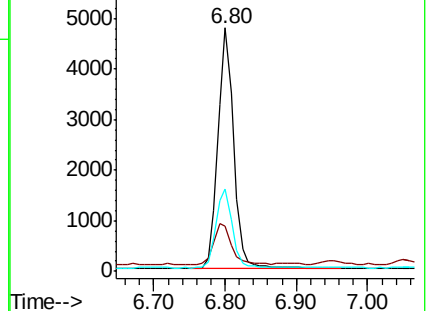
71 34.5 27.3 40.9



Abundance Ion 99.00 (98.70 to 99.70): BN010286.D (-484) (-)

Ion 42.00 (41.70 to 42.70): BN010286.D (-484) (-)

Ion 71.00 (70.70 to 71.70): BN010286.D (-484) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.755 ng

RT: 7.06 min Scan# 525

Delta R.T. 0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

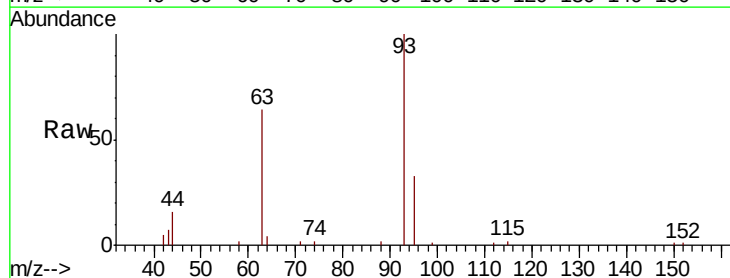
Tgt Ion: 93 Resp: 7364

Ion Ratio Lower Upper

93 100

63 67.9 55.6 83.4

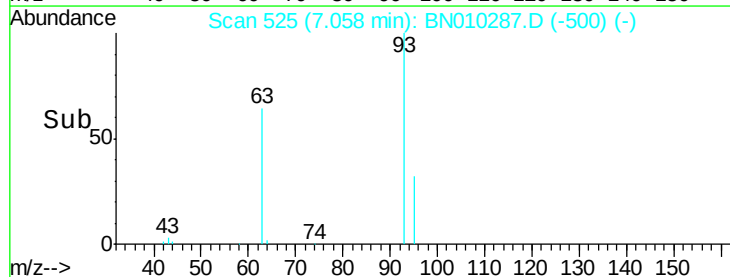
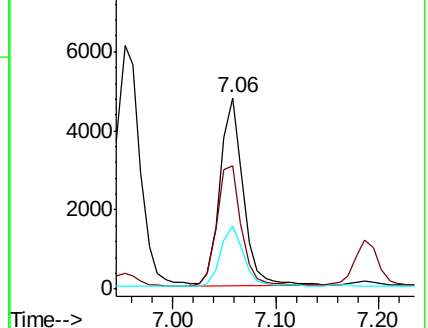
95 33.0 26.2 39.4

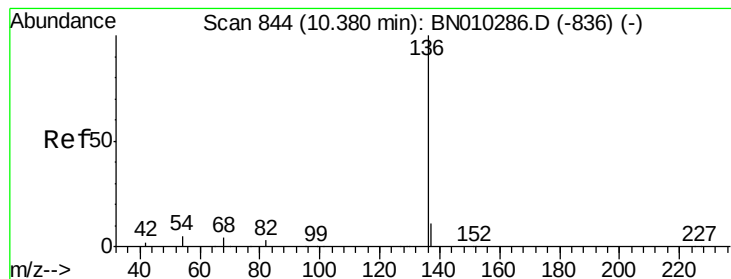


Abundance Ion 93.00 (92.70 to 93.70): BN010286.D (-520) (-)

Ion 63.00 (62.70 to 63.70): BN010286.D (-520) (-)

Ion 95.00 (94.70 to 95.70): BN010286.D (-520) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 13437

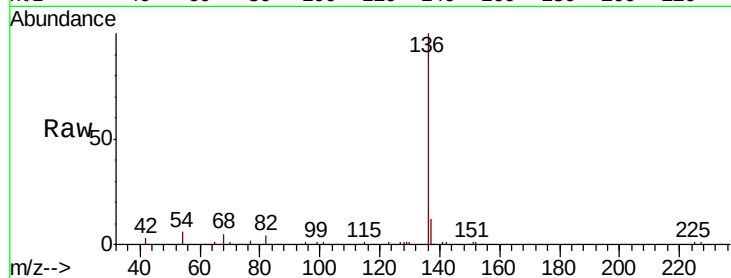
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 6.0 4.8 7.2

68 5.3 4.1 6.1

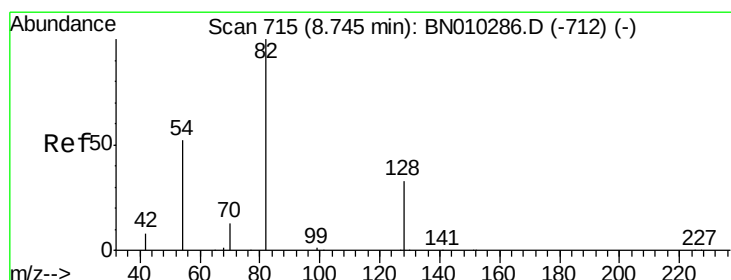
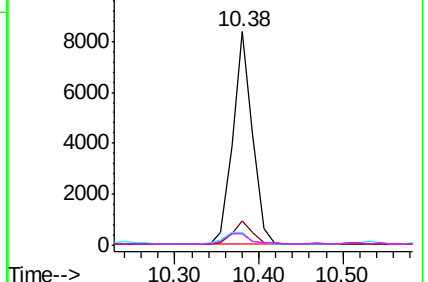
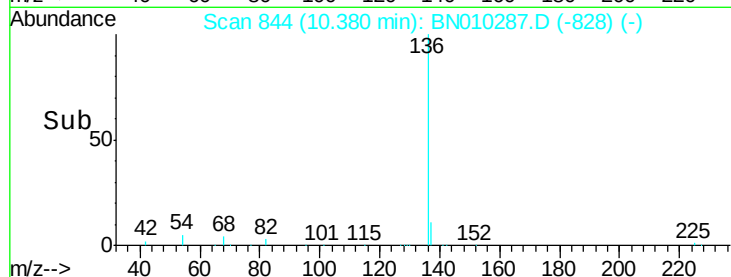


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.789 ng

RT: 8.75 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

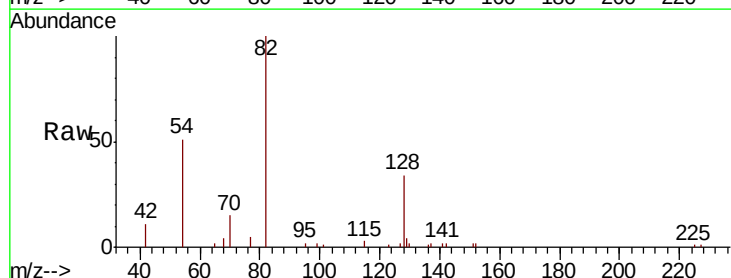
Tgt Ion: 82 Resp: 6358

Ion Ratio Lower Upper

82 100

128 34.1 28.8 43.2

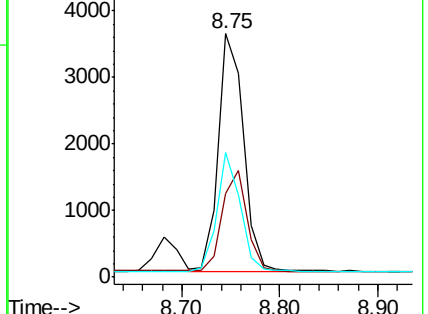
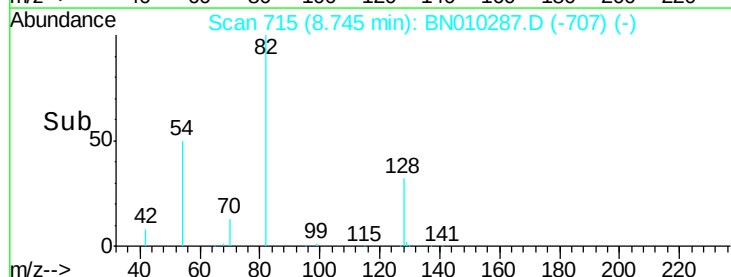
54 51.2 42.1 63.1

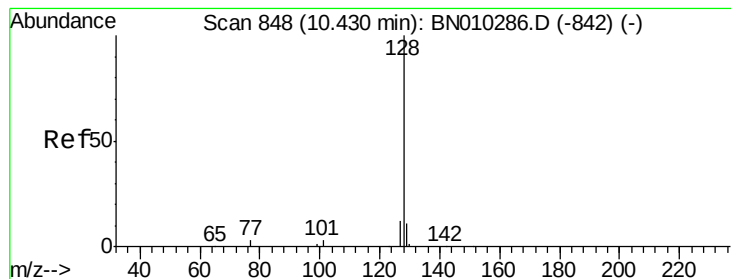


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.767 ng

RT: 10.43 min Scan# 848

Delta R.T. 0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Instrument :

BNA_N

ClientSampleId :

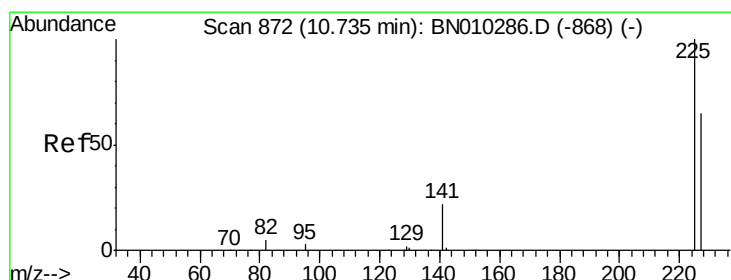
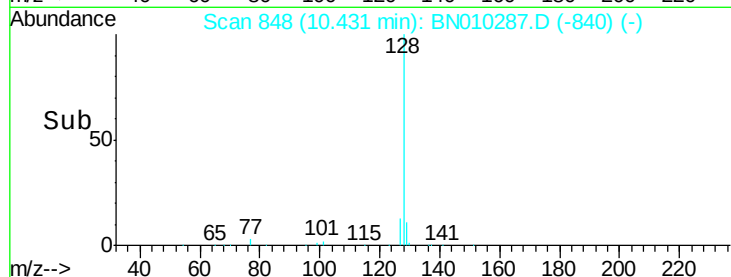
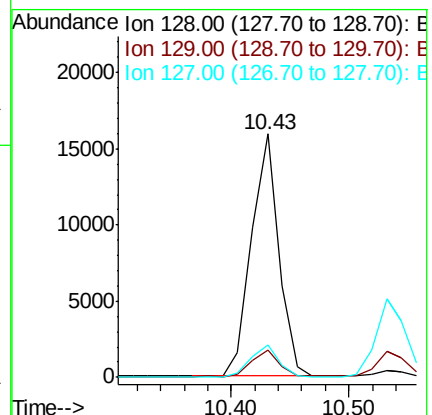
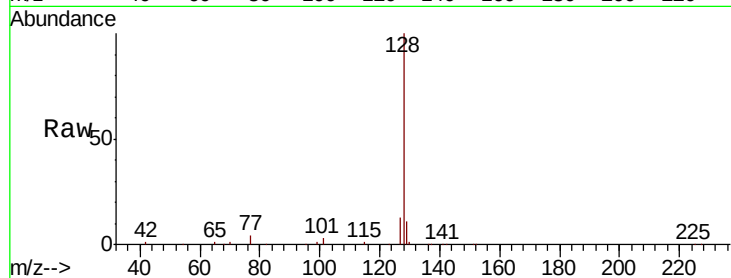
Tot Ion:128 Resp: 25800

Ion Ratio Lower Upper

128 100

129 11.3 9.1 13.7

127 13.1 10.4 15.6



#10

Hexachlorobutadiene

Concen: 0.811 ng

RT: 10.73 min Scan# 872

Delta R.T. 0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

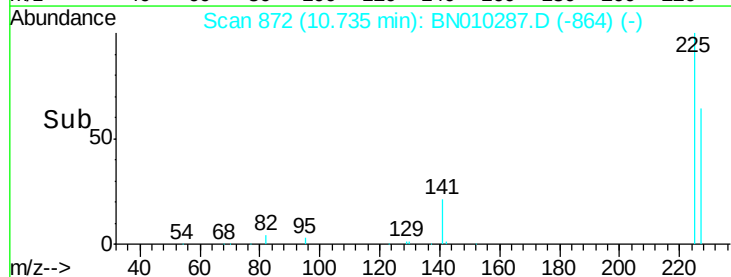
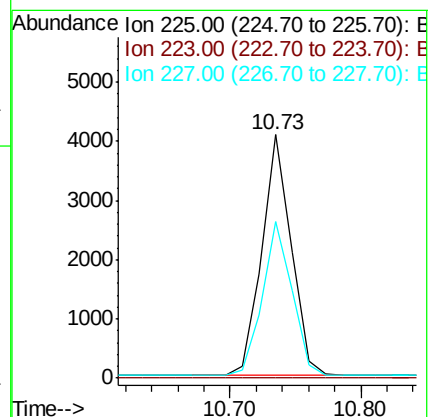
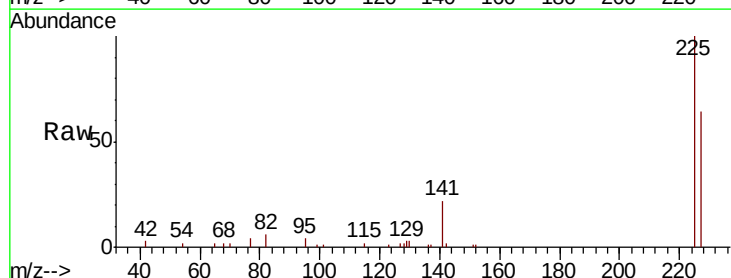
Tgt Ion:225 Resp: 6290

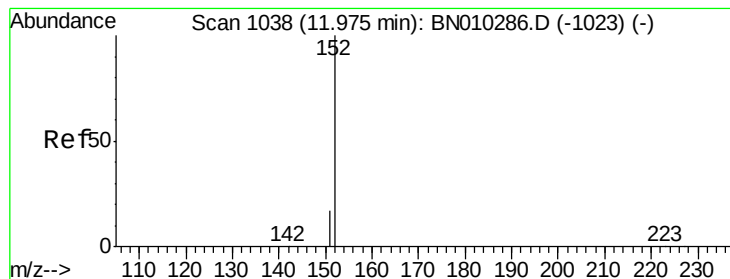
Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 64.2 51.9 77.9





#11

2-Methylnaphthalene-d10

Concen: 0.734 ng

RT: 11.97 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Instrument :

BNA_N

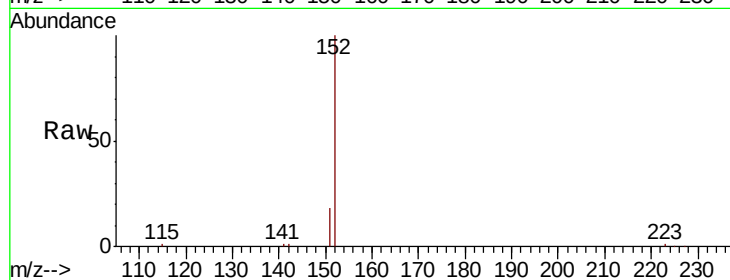
ClientSampleId :

Tot Ion:152 Resp: 16282

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.97

12000

10000

8000

6000

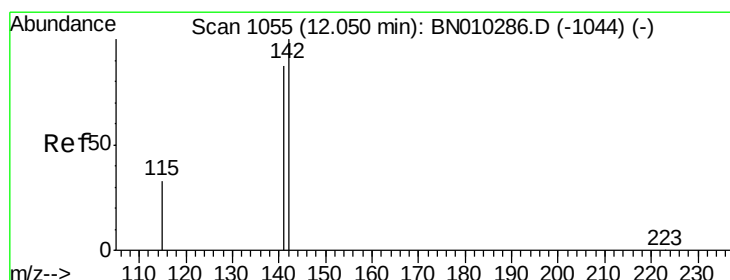
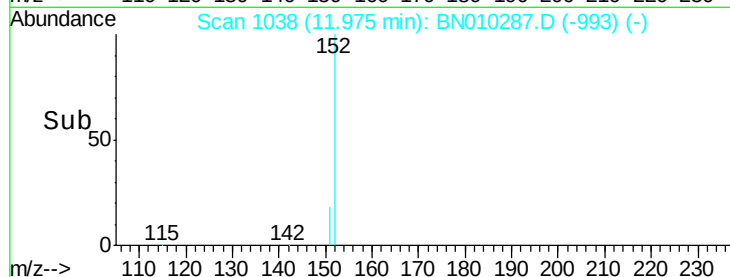
4000

2000

0

Time-->

11.90 12.00 12.10



#12

2-Methylnaphthalene

Concen: 0.732 ng

RT: 12.05 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

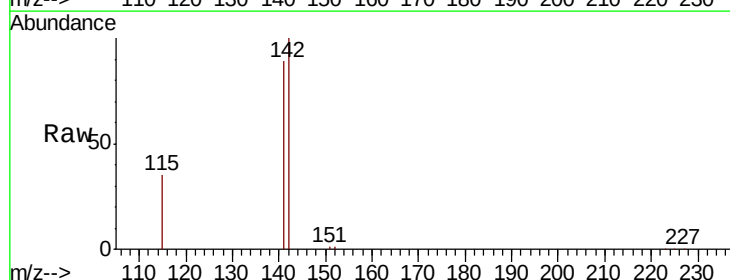
Tgt Ion:142 Resp: 17693

Ion Ratio Lower Upper

142 100

141 88.7 69.5 104.3

115 35.5 27.5 41.3



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

12.05

15000

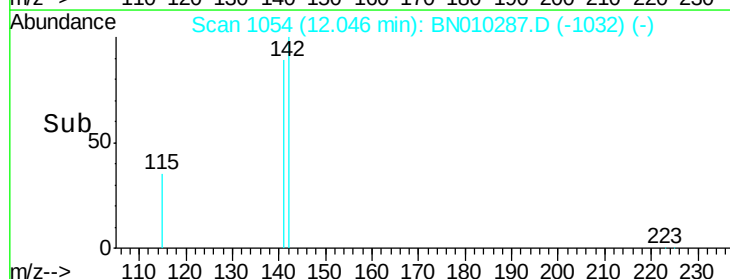
10000

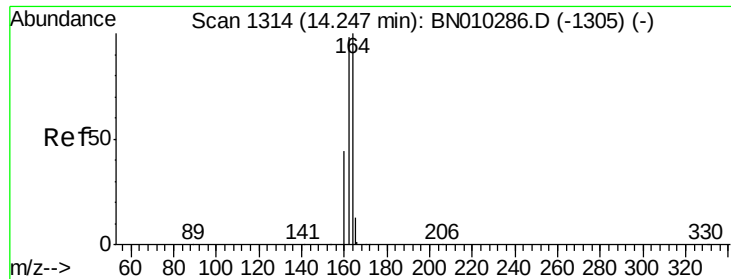
5000

0

Time-->

12.00 12.10





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

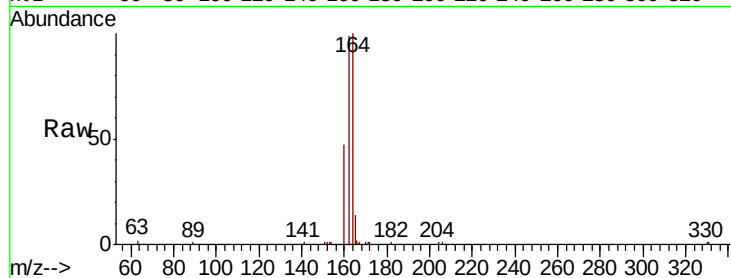
Instrument :

BNA_N

ClientSampleId :

Tot Ion:164 Resp: 8179

Ion	Ratio	Lower	Upper
164	100		
162	99.0	78.2	117.2
160	46.5	35.8	53.6

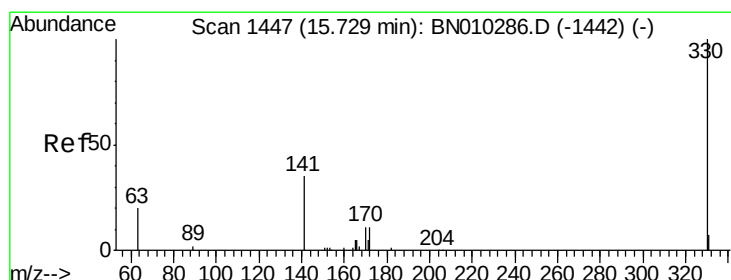
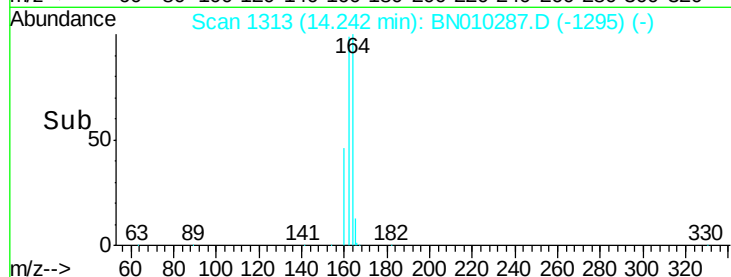
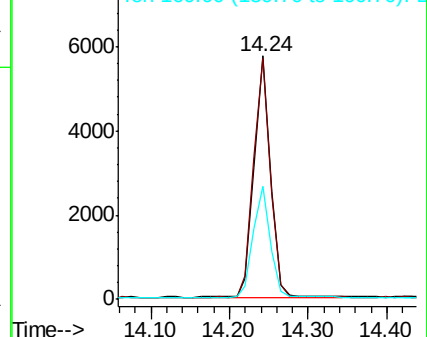


Abundance

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: 0.757 ng

RT: 15.74 min Scan# 1447

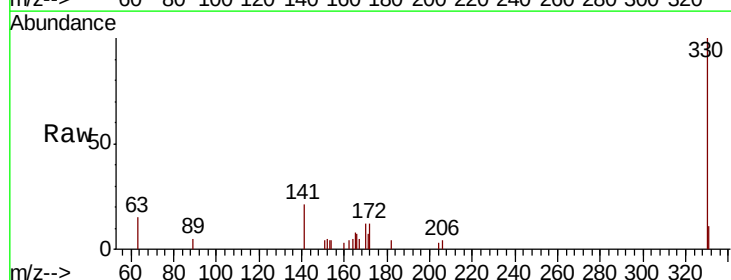
Delta R.T. 0.01 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Tgt Ion:330 Resp: 2217

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.1	29.3	43.9

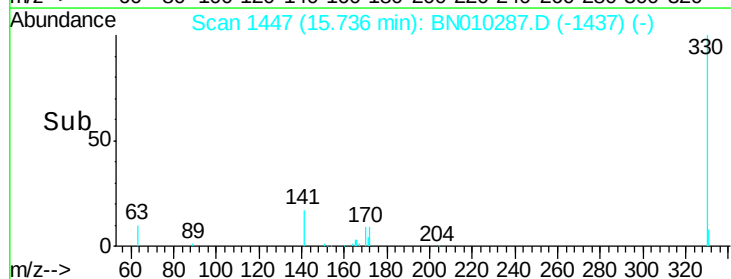
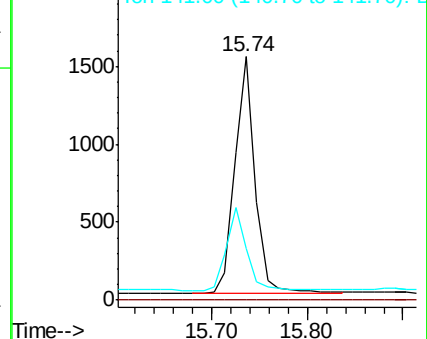


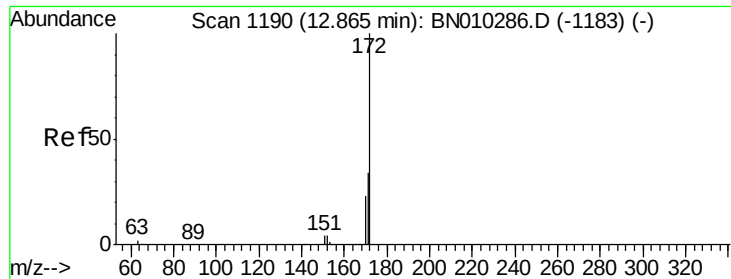
Abundance

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

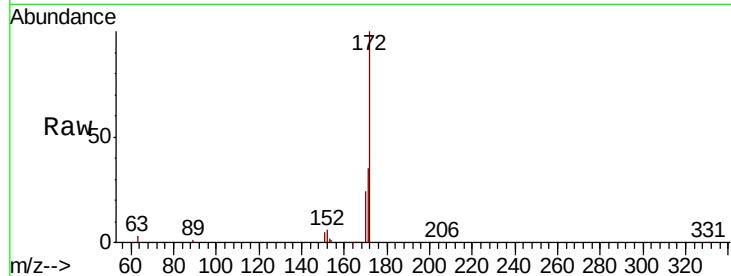




#15
2-Fluorobiphenyl
Concen: 0.825 ng
RT: 12.86 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.6	41.4
170	24.0	18.5	27.7

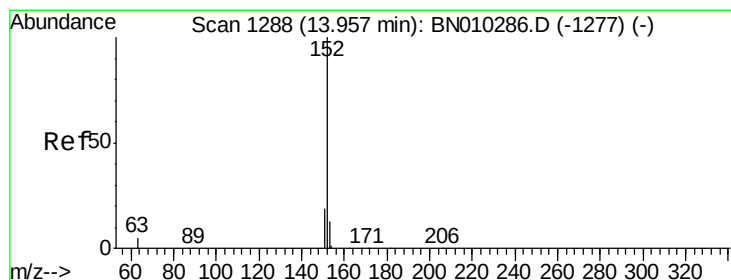
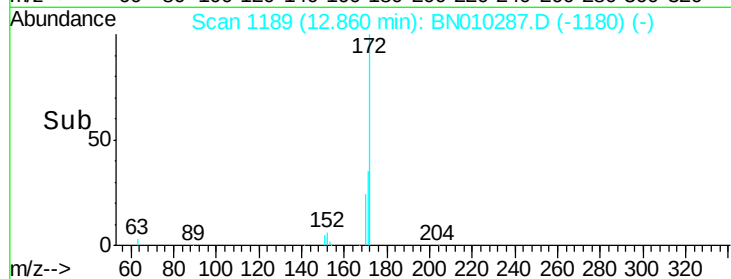
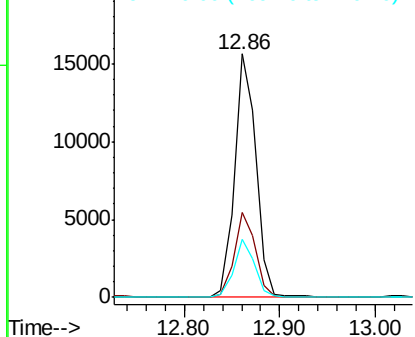


Abundance

Ion 172.00 (171.70 to 172.70): E

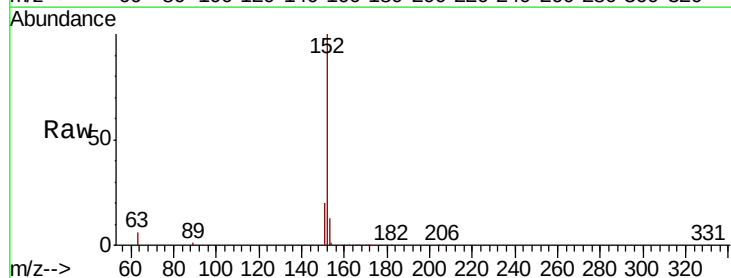
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.626 ng
RT: 13.95 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.6	23.4
153	13.1	10.6	15.8

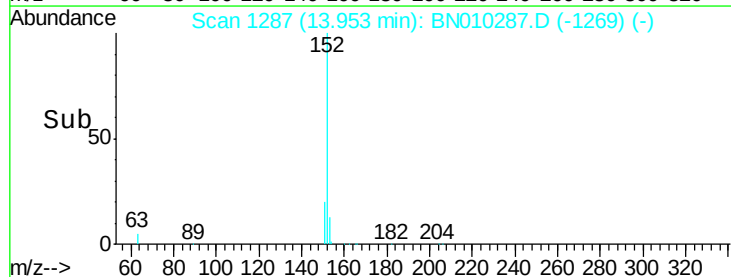
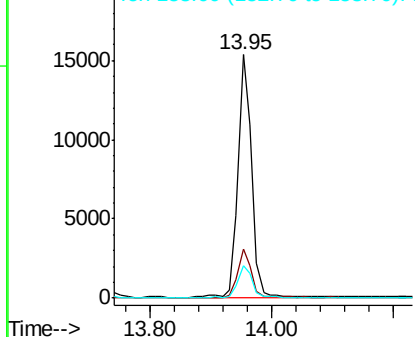


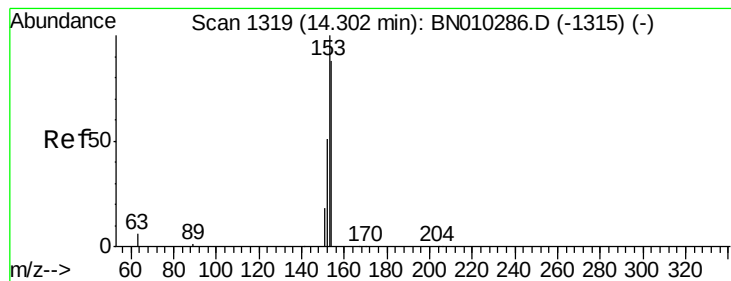
Abundance

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: 0.763 ng

RT: 14.31 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Instrument :

BNA_N

ClientSampleId :

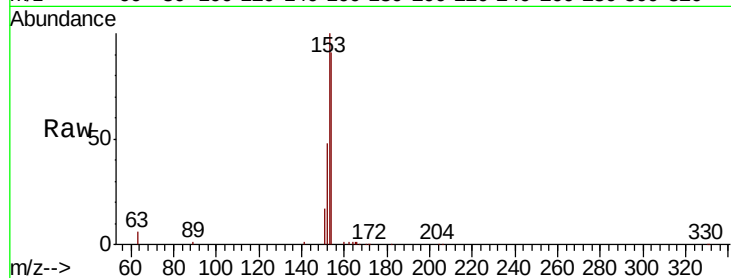
Tot Ion:154 Resp: 17472

Ion Ratio Lower Upper

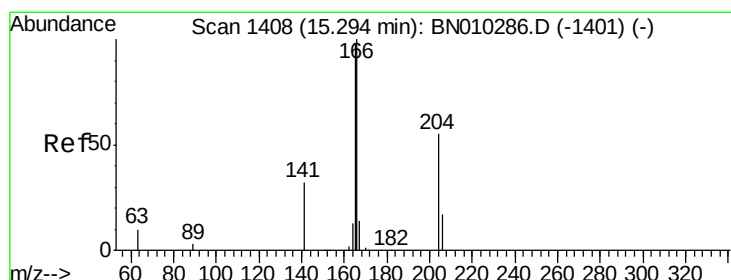
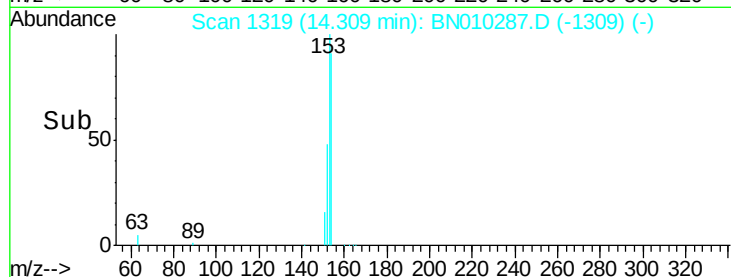
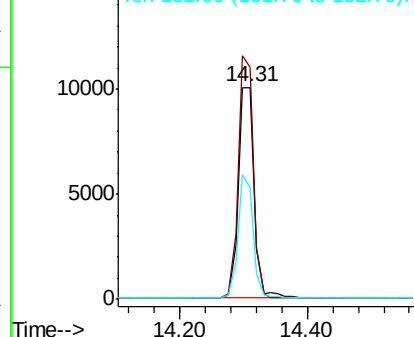
154 100

153 109.0 88.1 132.1

152 55.4 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: 0.737 ng

RT: 15.29 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

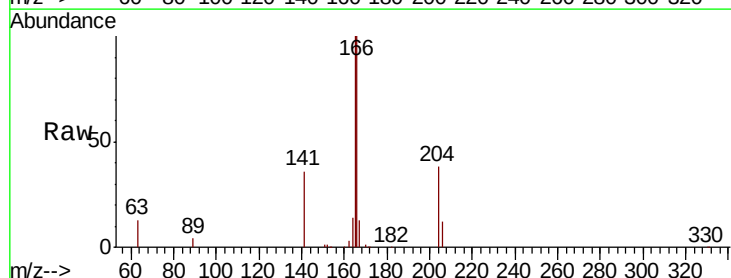
Tgt Ion:166 Resp: 23026

Ion Ratio Lower Upper

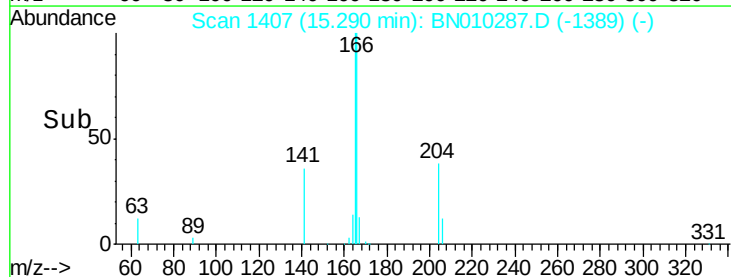
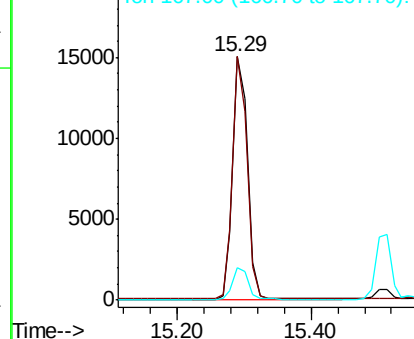
166 100

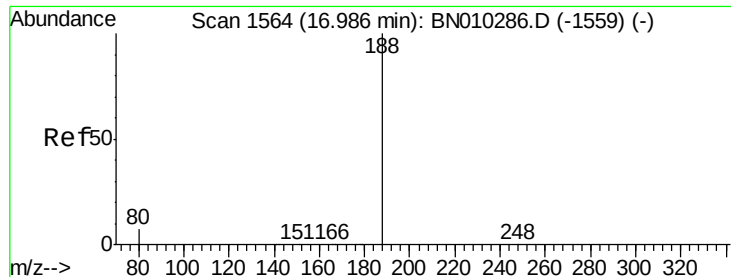
165 98.0 78.7 118.1

167 13.5 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: 16.98 min Scan# 1563

Delta R.T. -0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Instrument :

BNA_N

ClientSampleId :

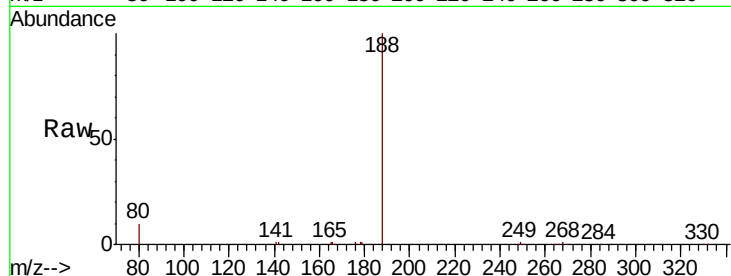
Tot Ion:188 Resp: 18802

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

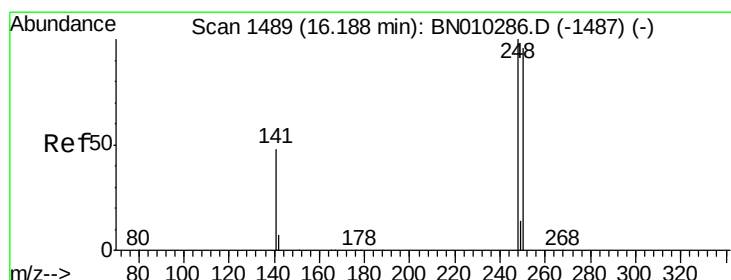
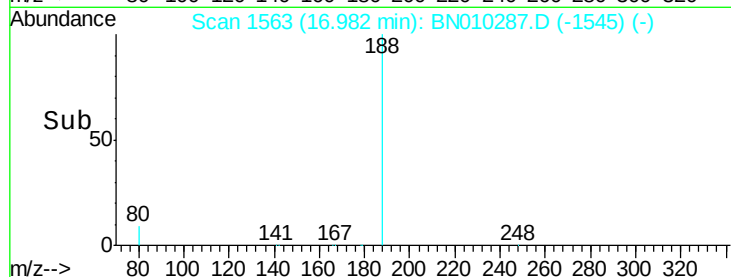
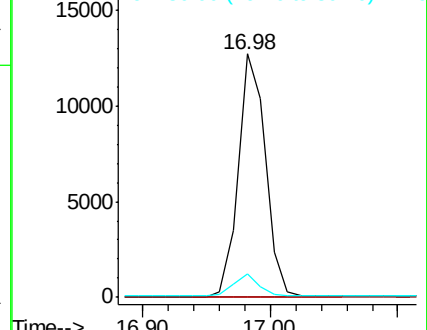
80 9.6 6.0 9.0#



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: 0.816 ng

RT: 16.18 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

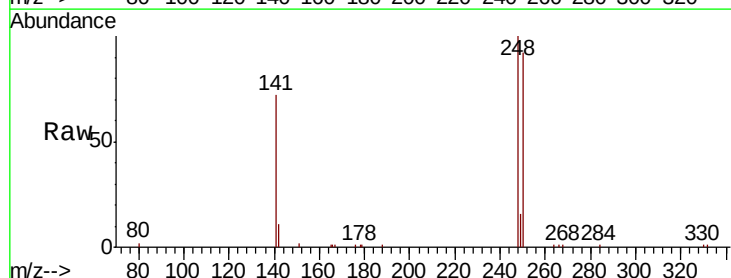
Tgt Ion:248 Resp: 8812

Ion Ratio Lower Upper

248 100

250 92.3 76.8 115.2

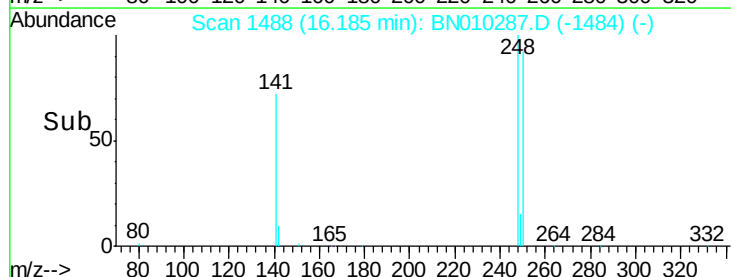
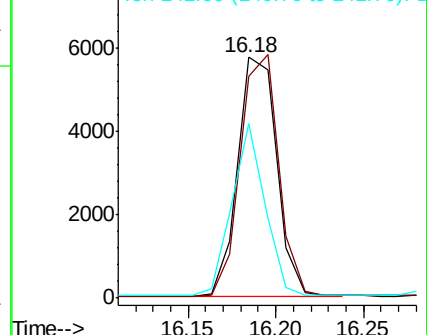
141 72.5 44.4 66.6#

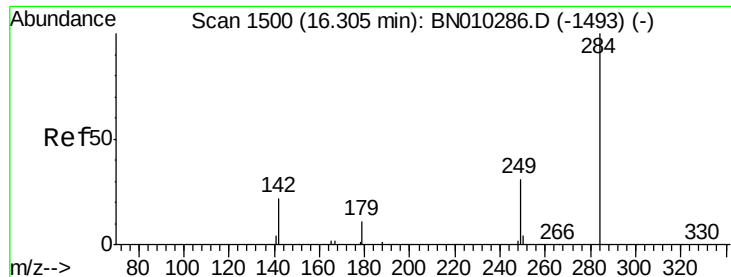


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.865 ng

RT: 16.30 min Scan# 1499

Delta R.T. -0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

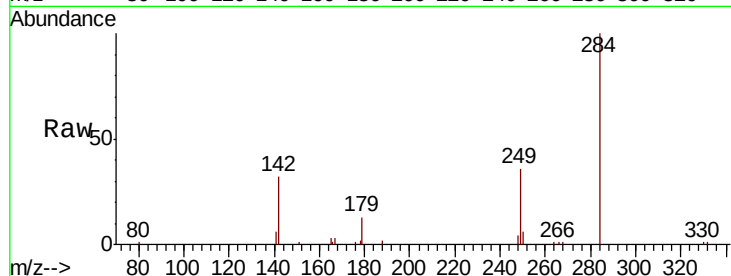
Instrument :

BNA_N

ClientSampleId :

Tot Ion:284 Resp: 9116

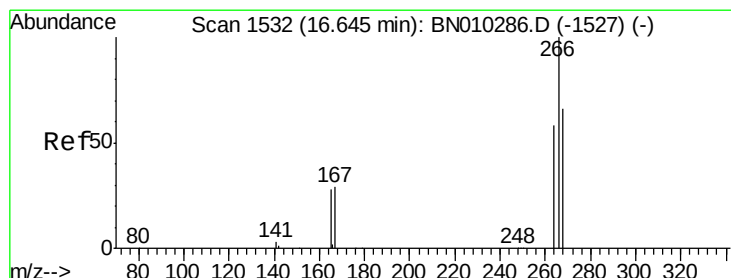
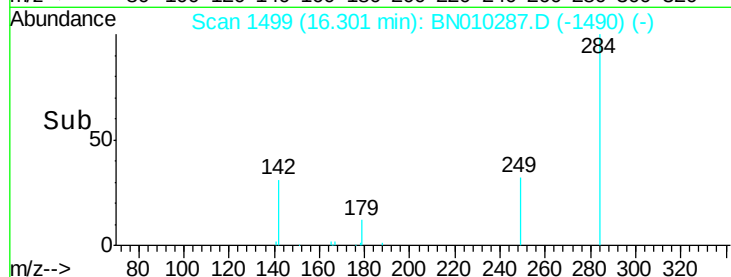
Ion	Ratio	Lower	Upper
284	100		
142	34.0	27.4	41.2
249	33.4	26.5	39.7



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: 0.809 ng

RT: 16.64 min Scan# 1531

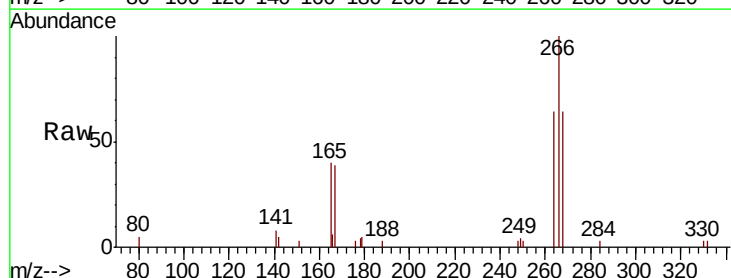
Delta R.T. -0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Tgt Ion:266 Resp: 2633

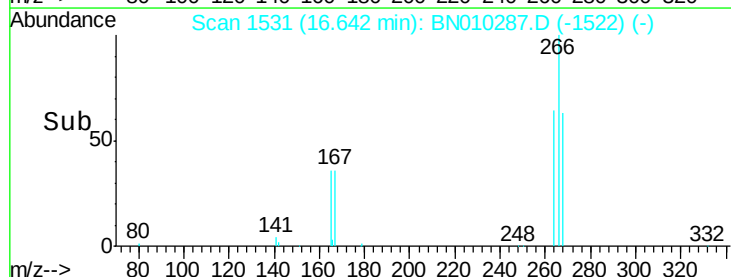
Ion	Ratio	Lower	Upper
266	100		
264	64.4	47.7	71.5
268	64.4	54.9	82.3

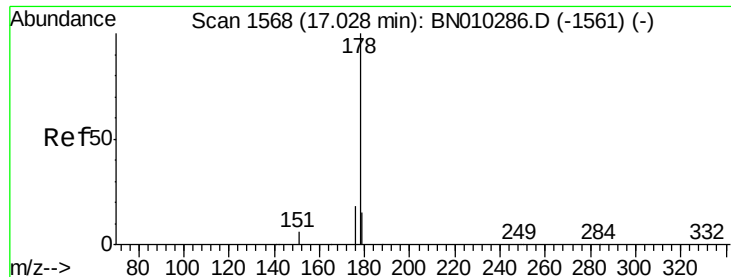


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.804 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Instrument :

BNA_N

ClientSampleId :

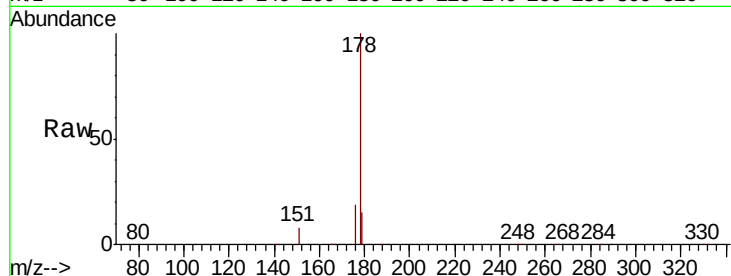
Tot Ion:178 Resp: 40104

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

179 15.4 12.4 18.6

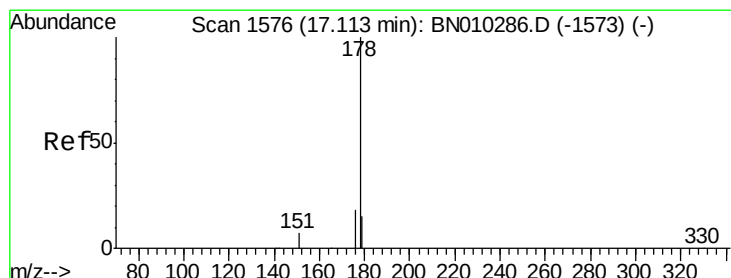
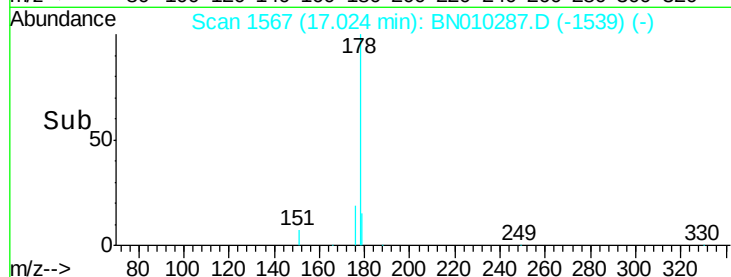
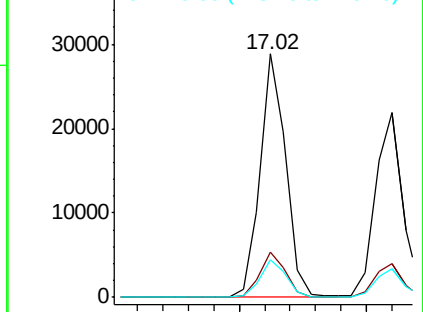


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.674 ng

RT: 17.12 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

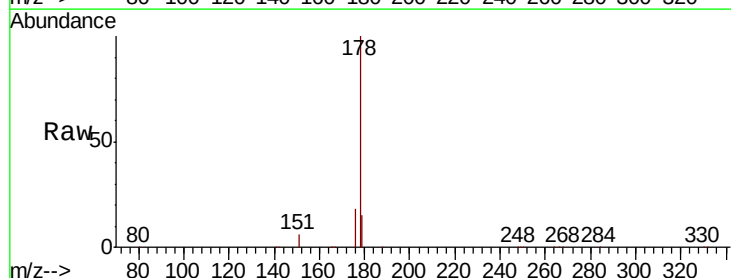
Tgt Ion:178 Resp: 33479

Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

179 15.3 12.3 18.5

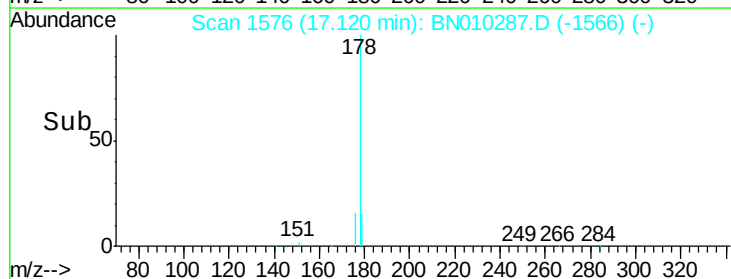
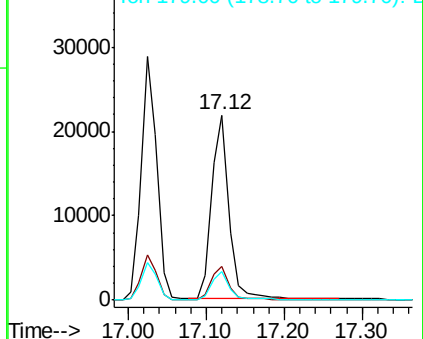


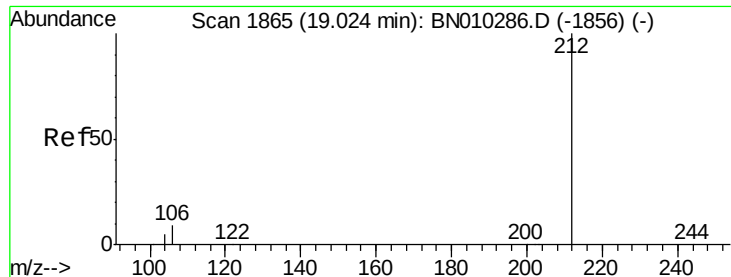
Abundance

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

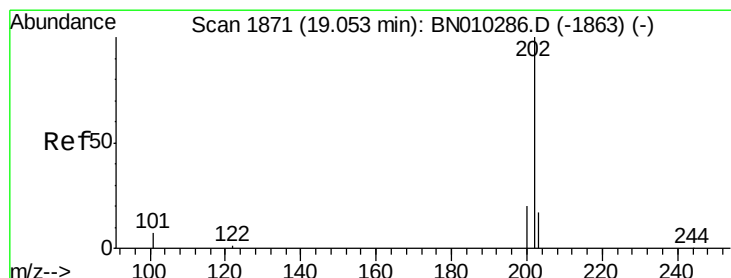
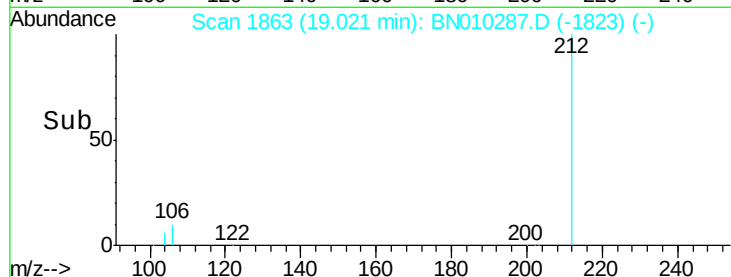
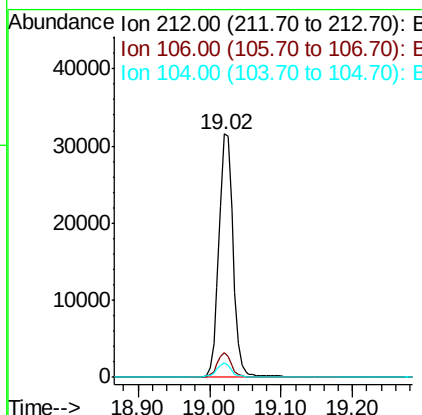
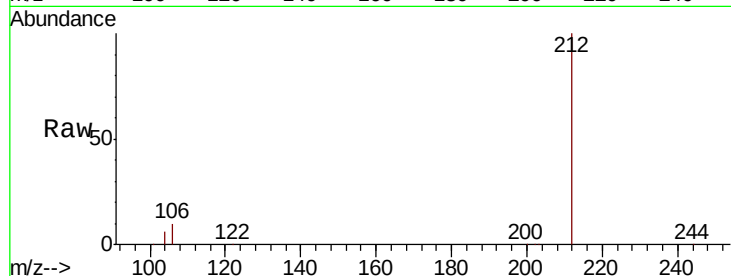




#25
 Fluoranthene-d10
 Concen: 0.739 ng
 RT: 19.02 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: BN010287.D
 Acq: 19 Mar 2020 12:52

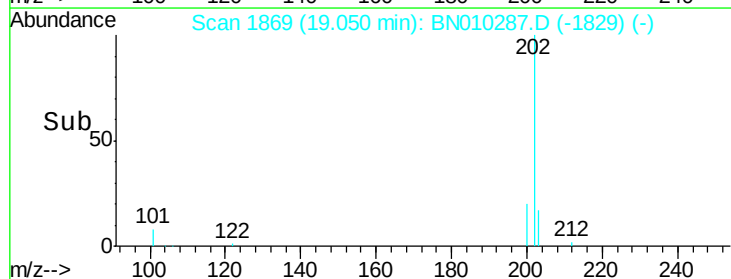
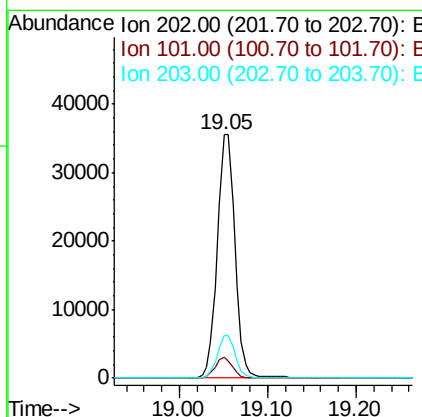
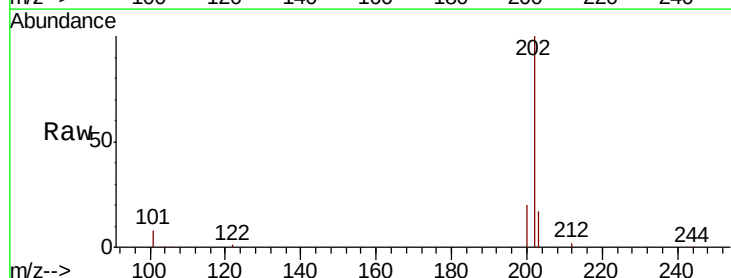
Instrument :
 BNA_N
 ClientSampleId :

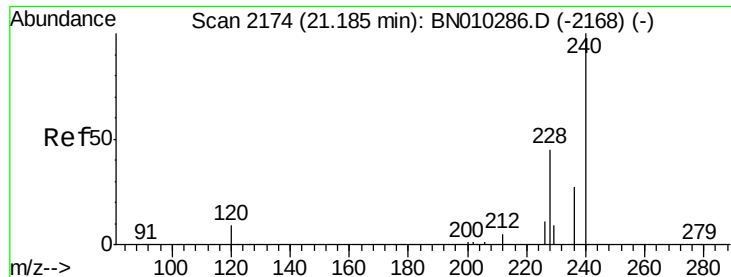
Tot Ion:212 Resp: 42923
 Ion Ratio Lower Upper
 212 100
 106 9.5 7.4 11.2
 104 5.4 4.2 6.4



#26
 Fluoranthene
 Concen: 0.773 ng
 RT: 19.05 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: BN010287.D
 Acq: 19 Mar 2020 12:52

Tgt Ion:202 Resp: 48819
 Ion Ratio Lower Upper
 202 100
 101 8.2 6.6 9.8
 203 17.3 13.8 20.8

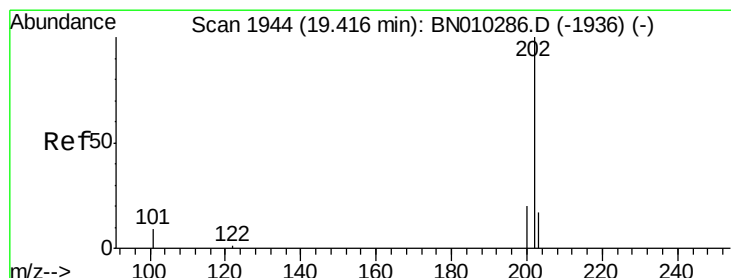
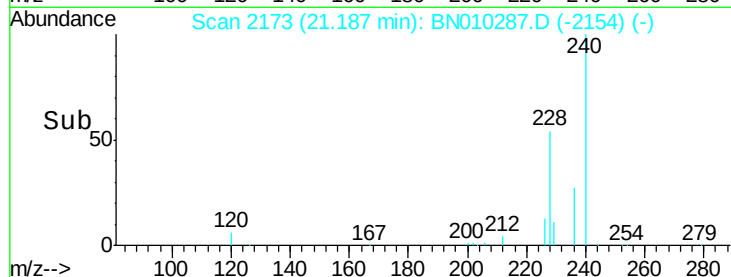
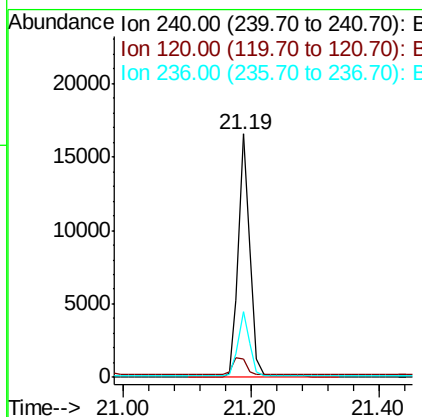
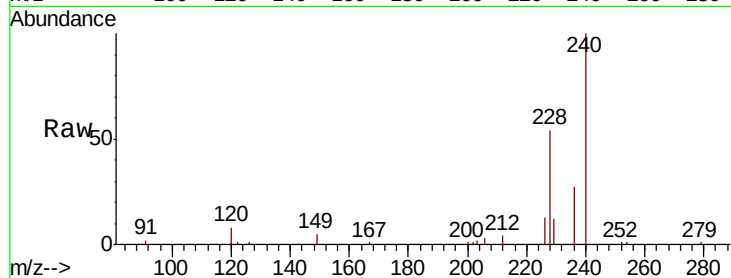




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

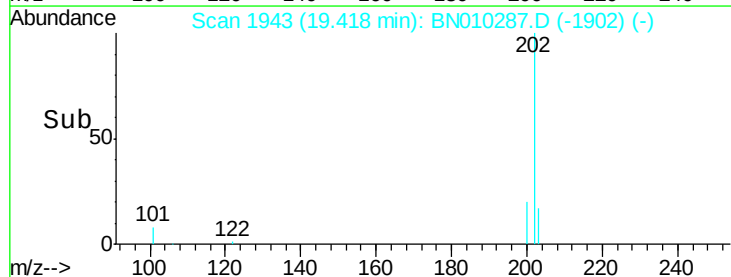
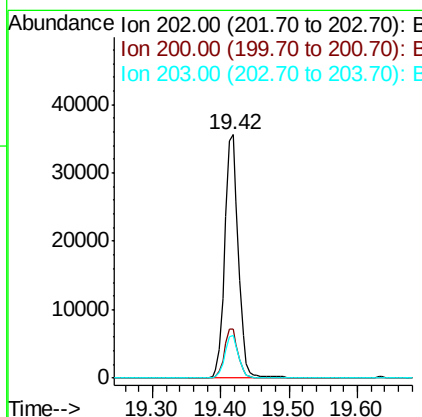
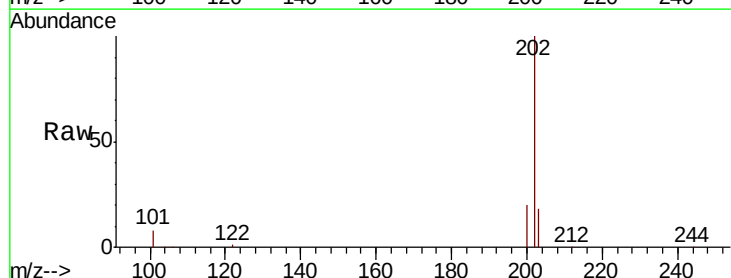
Instrument :
BNA_N
ClientSampleId :

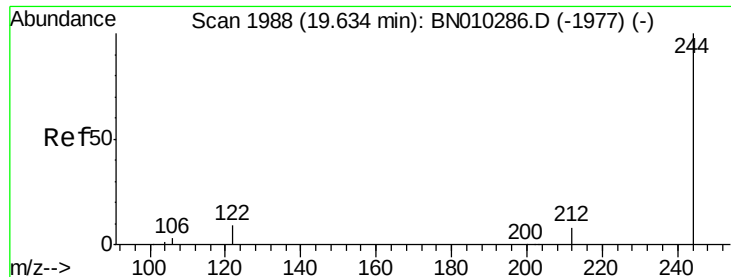
Tot Ion:240 Resp: 20665
Ion Ratio Lower Upper
240 100
120 7.8 7.9 11.9#
236 27.0 22.2 33.4



#28
Pyrene
Concen: 0.701 ng
RT: 19.42 min Scan# 1943
Delta R.T. 0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Tgt Ion:202 Resp: 48379
Ion Ratio Lower Upper
202 100
200 20.1 16.2 24.4
203 17.5 14.2 21.2





#29

Terphenyl-d14

Concen: 0.716 ng

RT: 19.64 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Instrument :

BNA_N

ClientSampleId :

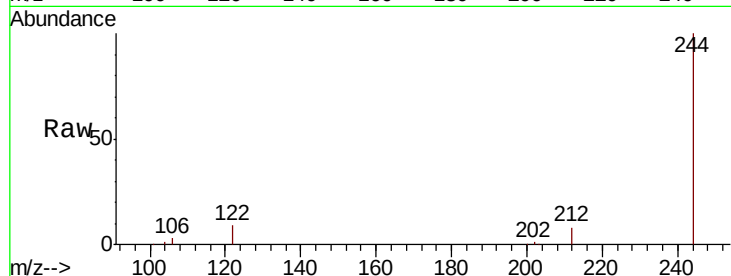
Tot Ion:244 Resp: 33754

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

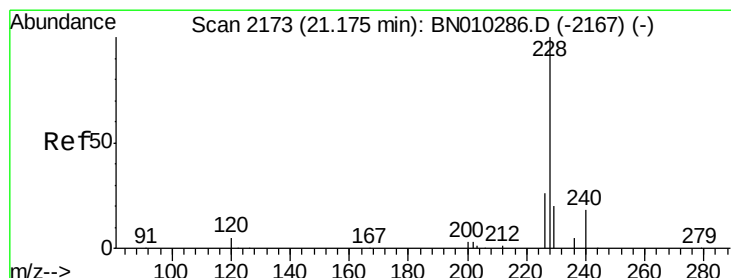
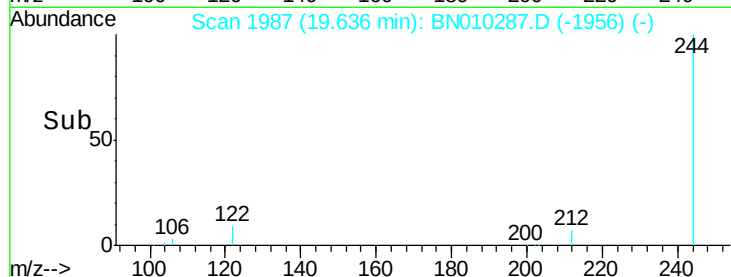
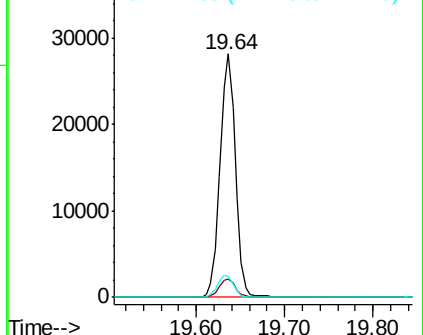
122 8.8 7.6 11.4



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: 0.702 ng

RT: 21.18 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

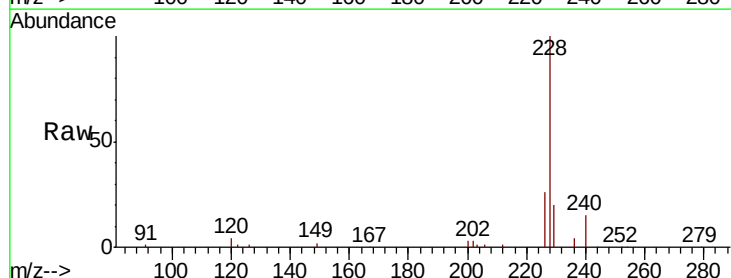
Tgt Ion:228 Resp: 49320

Ion Ratio Lower Upper

228 100

226 25.9 21.0 31.4

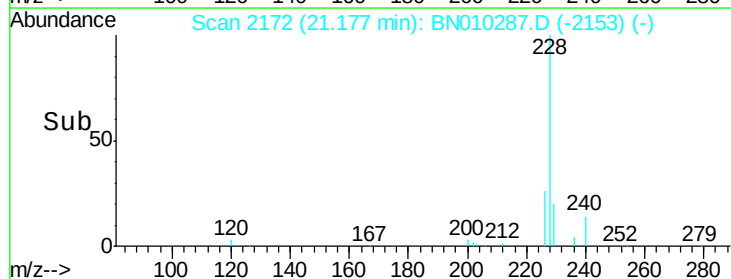
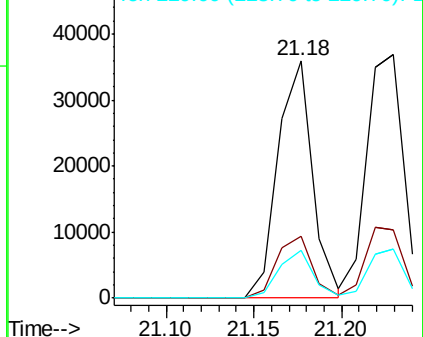
229 19.9 16.0 24.0

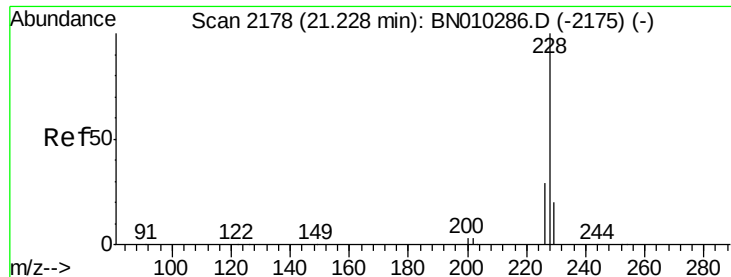


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.785 ng

RT: 21.23 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Instrument :

BNA_N

ClientSampleId :

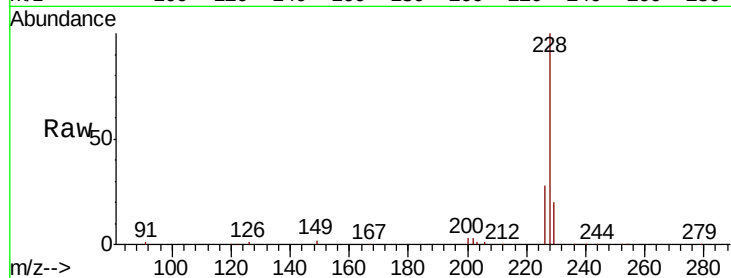
Tot Ion:228 Resp: 54284

Ion Ratio Lower Upper

228 100

226 27.9 23.0 34.6

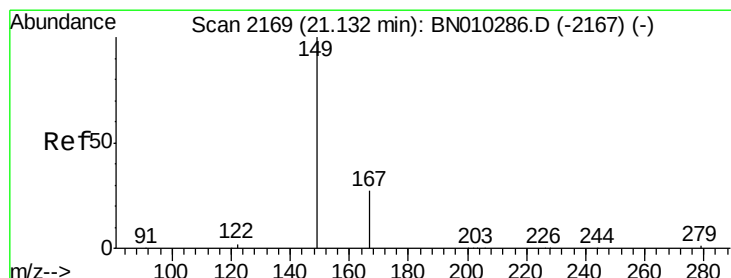
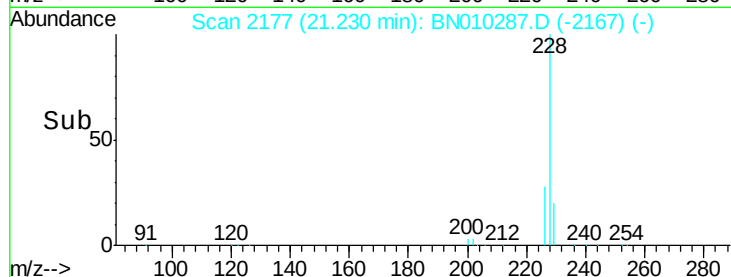
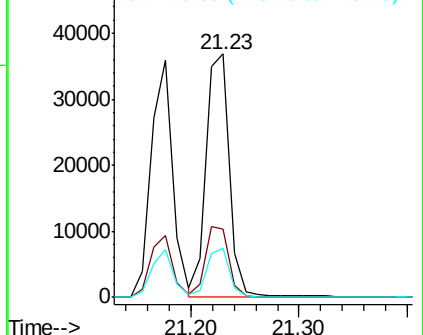
229 20.0 16.0 24.0



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: 0.479 ng

RT: 21.13 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

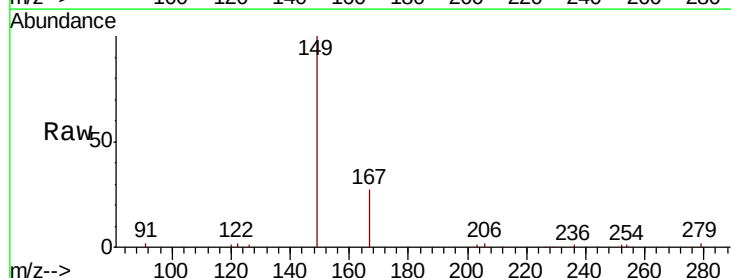
Tgt Ion:149 Resp: 14323

Ion Ratio Lower Upper

149 100

167 29.6 23.0 34.6

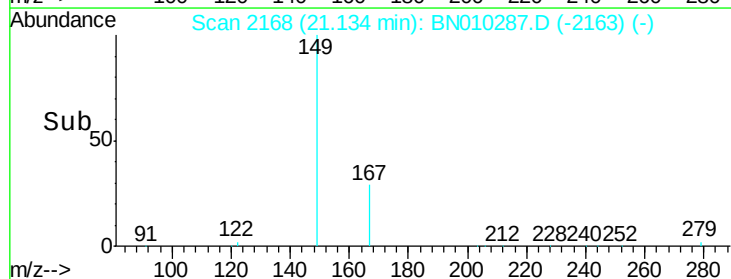
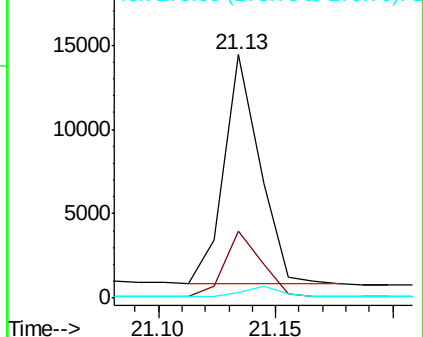
279 4.7 3.8 5.8

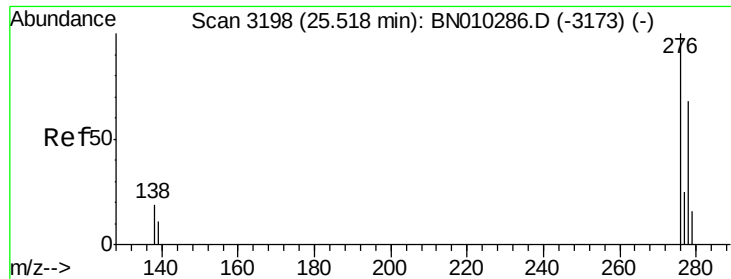


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

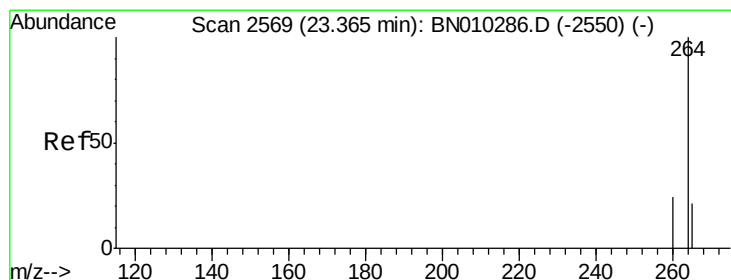
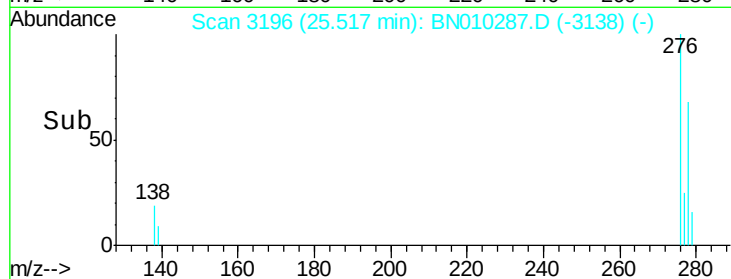
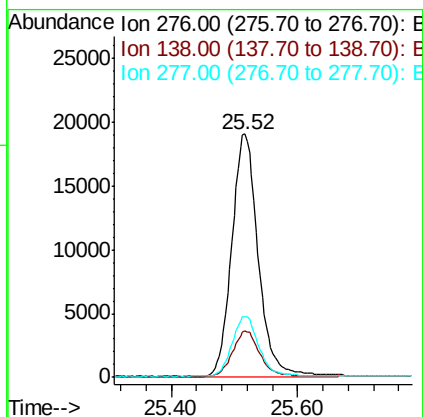
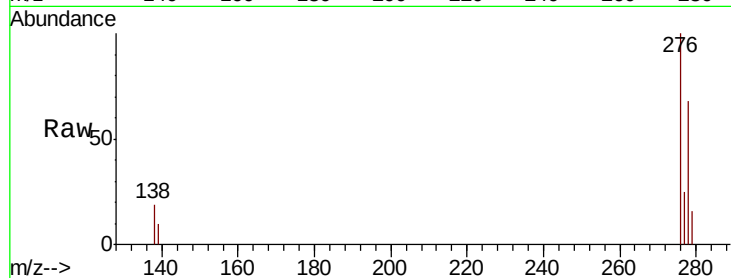




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.674 ng
 RT: 25.52 min Scan# 3196
 Delta R.T. -0.00 min
 Lab File: BN010287.D
 Acq: 19 Mar 2020 12:52

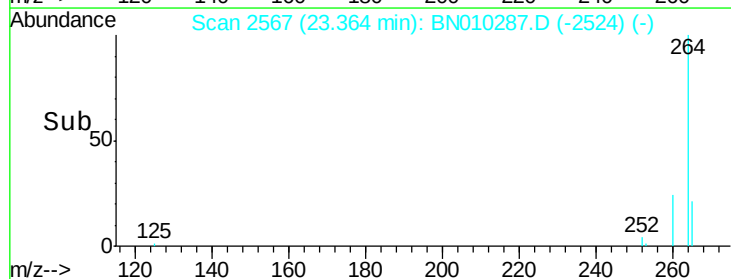
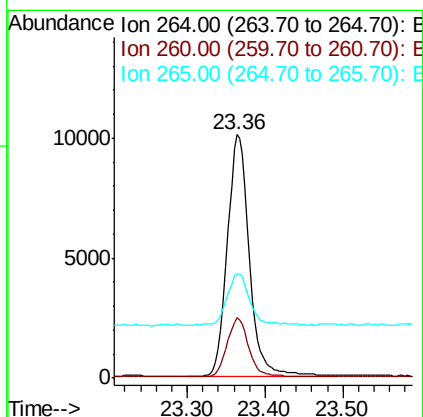
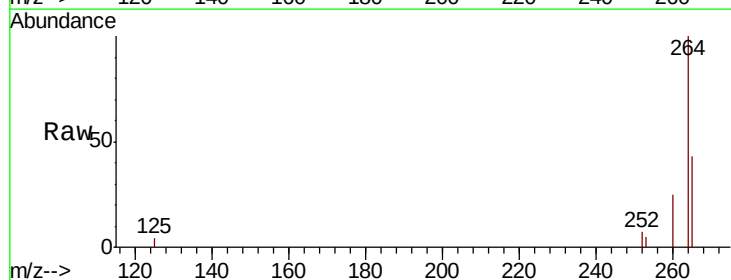
Instrument :
 BNA_N
 ClientSampleId :

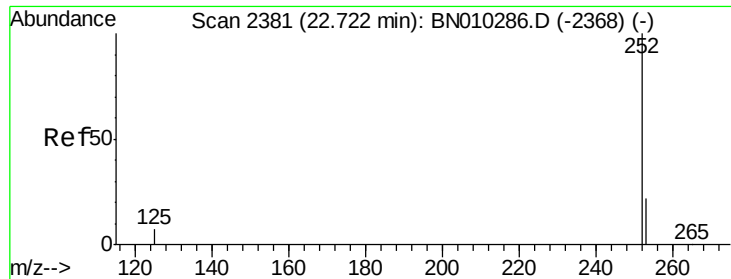
Tot Ion:276 Resp: 55323
 Ion Ratio Lower Upper
 276 100
 138 19.1 15.6 23.4
 277 24.8 20.1 30.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.36 min Scan# 2567
 Delta R.T. -0.00 min
 Lab File: BN010287.D
 Acq: 19 Mar 2020 12:52

Tgt Ion:264 Resp: 19762
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 42.7 32.4 48.6

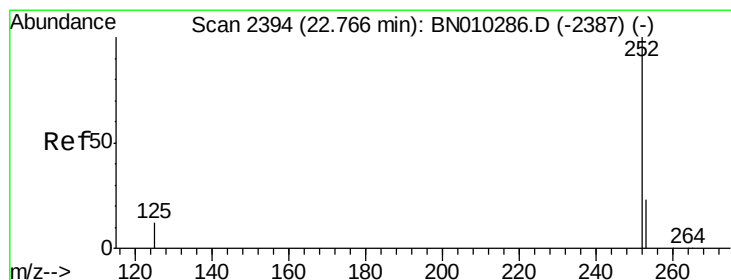
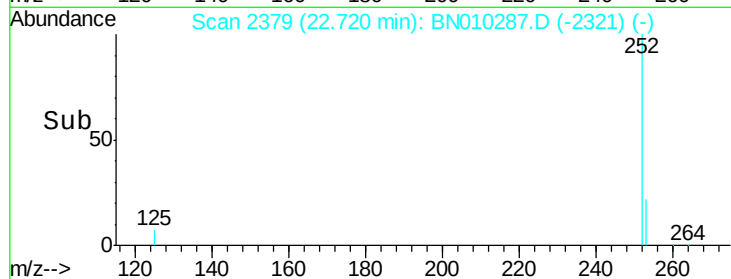
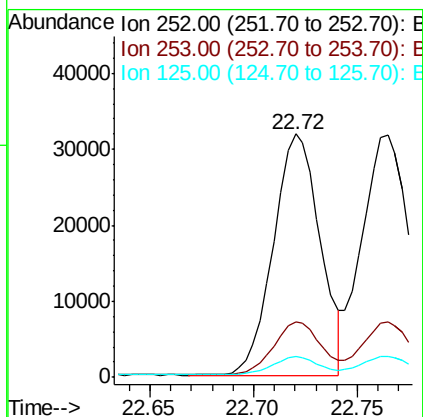
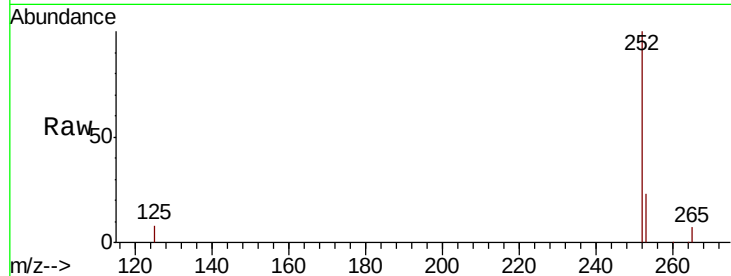




#35
Benzo(b)fluoranthene
Concen: 0.814 ng
RT: 22.72 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

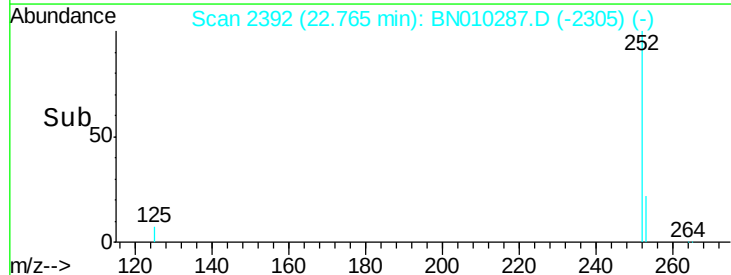
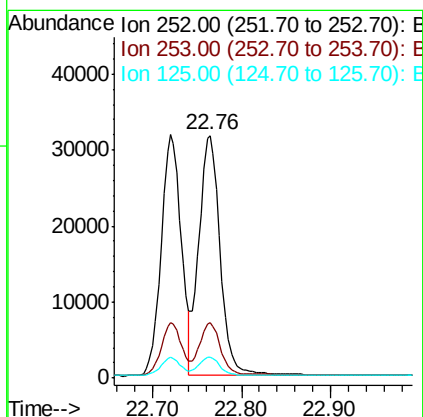
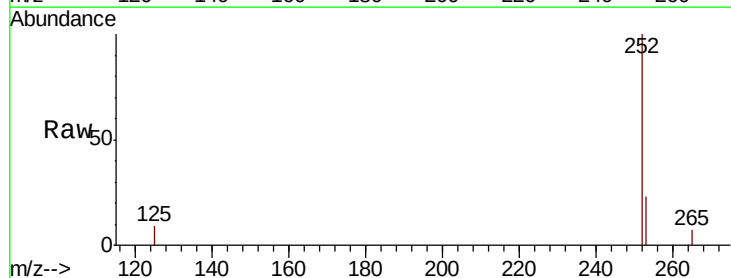
Instrument :
BNA_N
ClientSampleId :

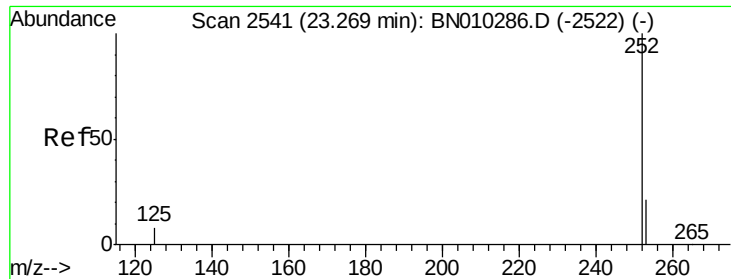
Tot Ion:252 Resp: 49469
Ion Ratio Lower Upper
252 100
253 22.8 19.2 28.8
125 8.4 7.4 11.0



#36
Benzo(k)fluoranthene
Concen: 0.857 ng
RT: 22.76 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BN010287.D
Acq: 19 Mar 2020 12:52

Tgt Ion:252 Resp: 52630
Ion Ratio Lower Upper
252 100
253 22.9 19.4 29.0
125 8.6 10.2 15.2#





#37

Benzo(a)pyrene

Concen: 0.734 ng

RT: 23.27 min Scan# 2540

Delta R.T. 0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Instrument :

BNA_N

ClientSampleId :

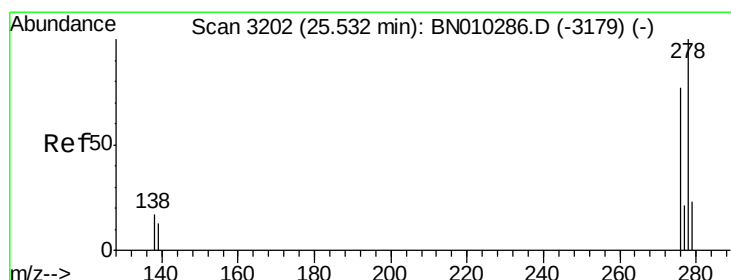
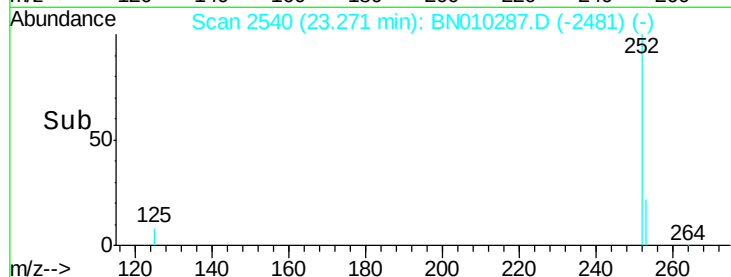
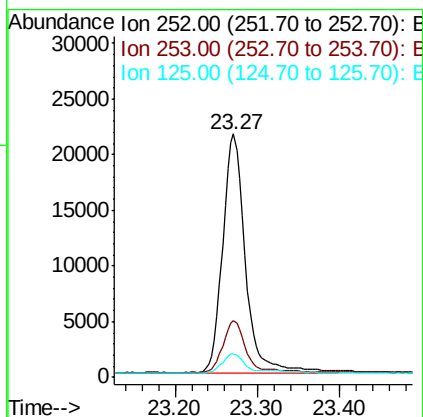
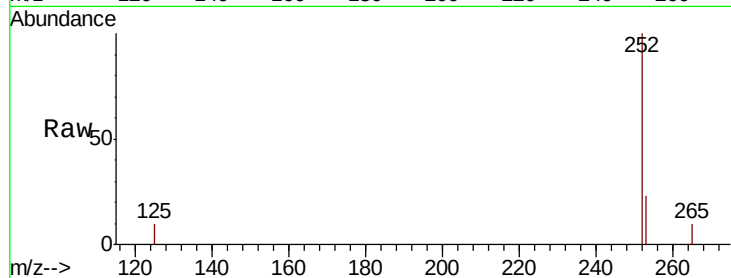
Tot Ion:252 Resp: 42083

Ion Ratio Lower Upper

252 100

253 23.2 19.9 29.9

125 9.5 8.9 13.3



#38

Dibenzo(a,h)anthracene

Concen: 0.799 ng

RT: 25.53 min Scan# 3199

Delta R.T. -0.00 min

Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

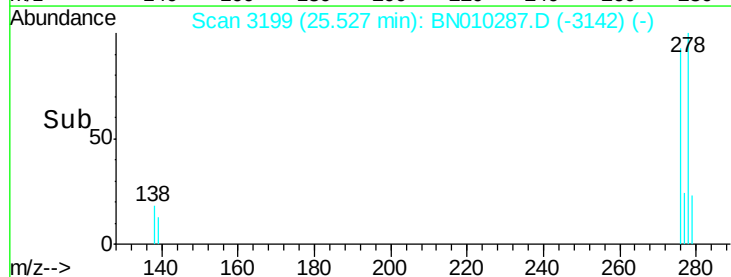
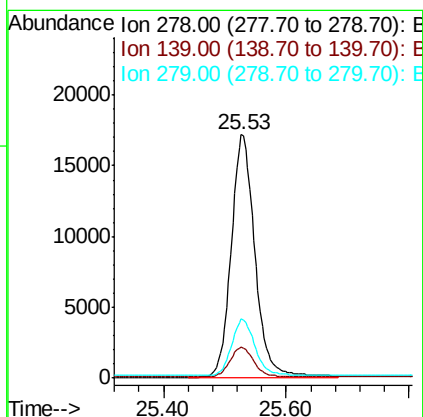
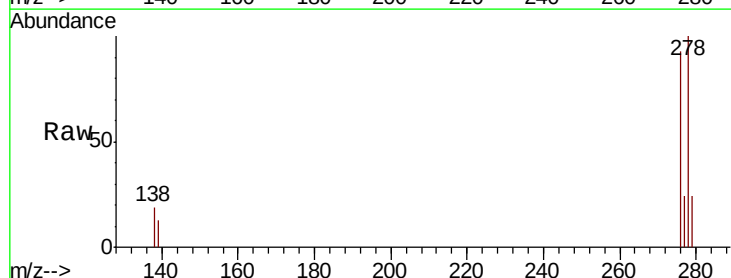
Tgt Ion:278 Resp: 45969

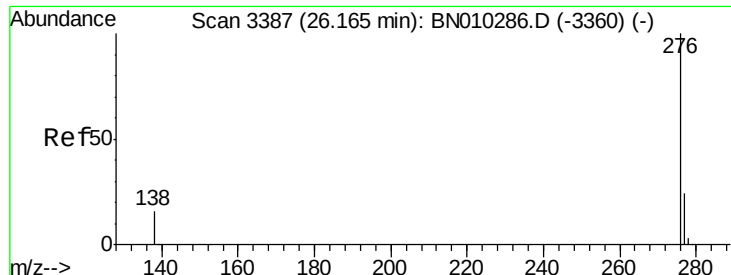
Ion Ratio Lower Upper

278 100

139 13.0 10.6 16.0

279 24.2 19.8 29.6





#39

Benzo(a,h,i)perylene

Concen: 0.810 ng

RT: 26.16 min Scan# 3385

Delta R.T. -0.00 min

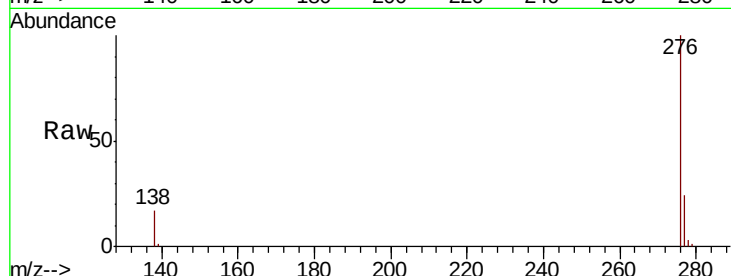
Lab File: BN010287.D

Acq: 19 Mar 2020 12:52

Instrument :

BNA_N

ClientSampleId :



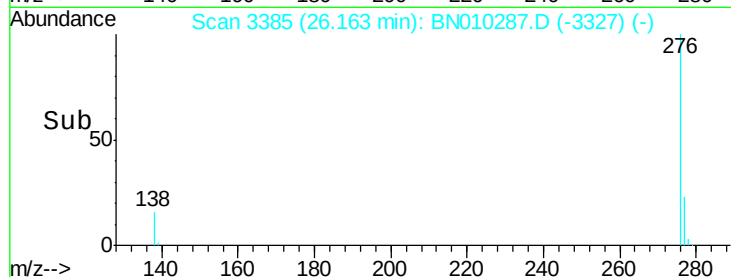
Tot Ion: 276 Resp: 46502

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 16.6 13.3 19.9



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

