

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
 Data File : BN010293.D
 Acq On : 19 Mar 2020 18:02
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 20 01:24:03 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 15:26:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4089	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	14006	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	8354	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	19462	0.40	ng	0.00
27) Chrysene-d12	21.19	240	21595	0.40	ng	0.00
34) Perylene-d12	23.36	264	23410	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	3203	0.40	ng	0.00
5) Phenol-d6	6.80	99	4008	0.40	ng	0.00
8) Nitrobenzene-d5	8.74	82	3471	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	8639	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1148	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	13048	0.41	ng	0.00
25) Fluoranthene-d10	19.02	212	22581	0.38	ng	0.00
29) Terphenyl-d14	19.63	244	18372	0.39	ng	0.00

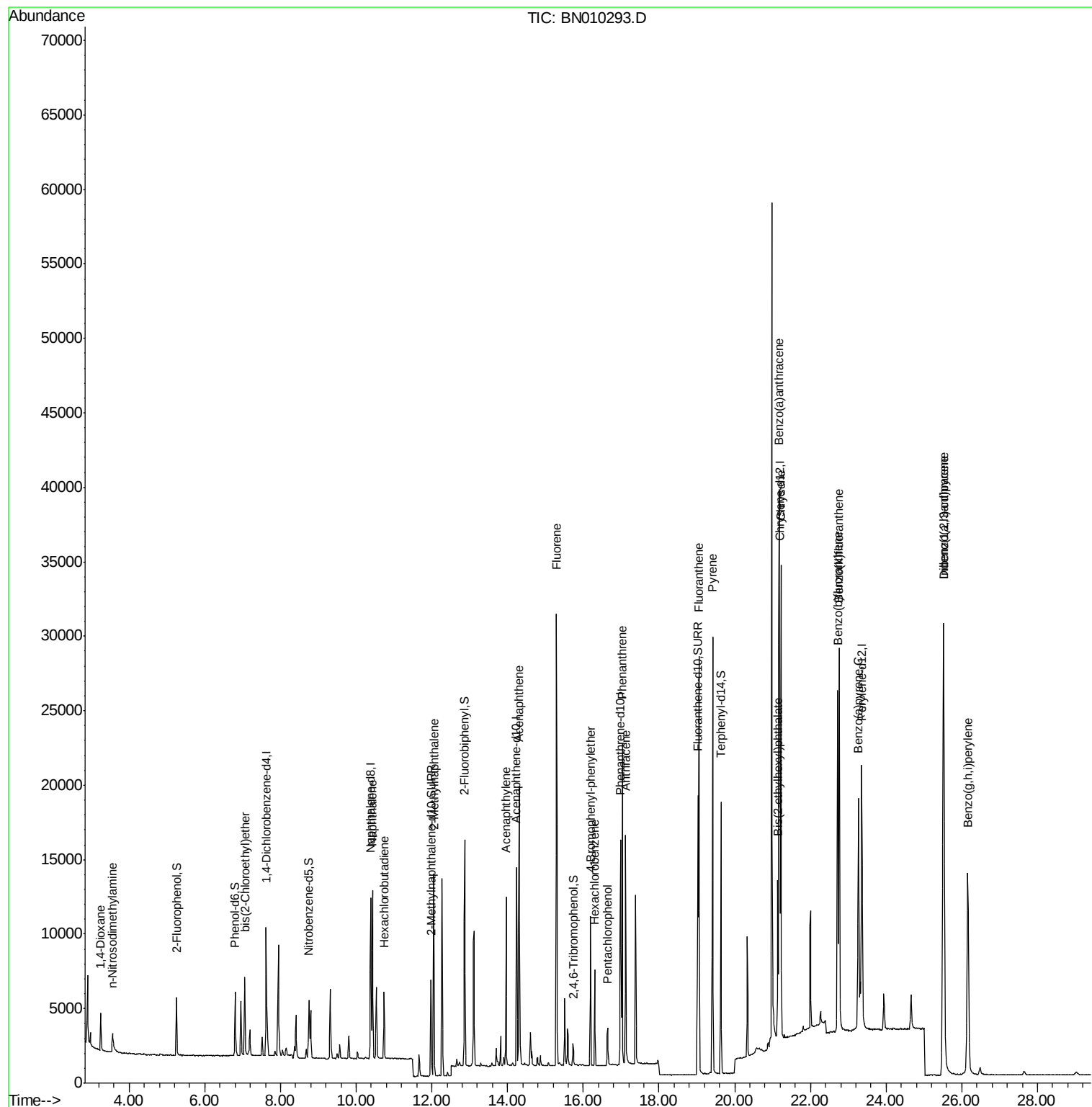
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	1642	0.428	ng	98
3) n-Nitrosodimethylamine	3.55	42	1240	0.382	ng	# 98
6) bis(2-Chloroethyl)ether	7.06	93	3950	0.408	ng	100
9) Naphthalene	10.43	128	14099	0.404	ng	100
10) Hexachlorobutadiene	10.73	225	3444	0.407	ng	# 98
12) 2-Methylnaphthalene	12.05	142	9507	0.393	ng	99
16) Acenaphthylene	13.96	152	12397	0.378	ng	99
17) Acenaphthene	14.30	154	9144	0.391	ng	100
18) Fluorene	15.29	166	12245	0.395	ng	99
20) 4-Bromophenyl-phenylether	16.19	248	4675	0.396	ng	100
21) Hexachlorobenzene	16.31	284	4895	0.404	ng	100
22) Pentachlorophenol	16.65	266	1432	0.345	ng	97
23) Phenanthrene	17.03	178	21318	0.399	ng	100
24) Anthracene	17.11	178	17267	0.377	ng	100
26) Fluoranthene	19.05	202	25826	0.394	ng	99
28) Pyrene	19.42	202	25907	0.385	ng	100
30) Benzo(a)anthracene	21.17	228	26856	0.390	ng	99
31) Chrysene	21.22	228	29271	0.397	ng	98
32) Bis(2-ethylhexyl)phthalate	21.13	149	8744	0.377	ng	100
33) Indeno(1,2,3-cd)pyrene	25.51	276	36537	0.462	ng	99
35) Benzo(b)fluoranthene	22.72	252	27882	0.351	ng	100
36) Benzo(k)fluoranthene	22.76	252	31325	0.387	ng	99
37) Benzo(a)pyrene	23.27	252	24442	0.364	ng	99
38) Dibenzo(a,h)anthracene	25.52	278	30183	0.416	ng	99
39) Benzo(g,h,i)perylene	26.16	276	27932	0.382	ng	99

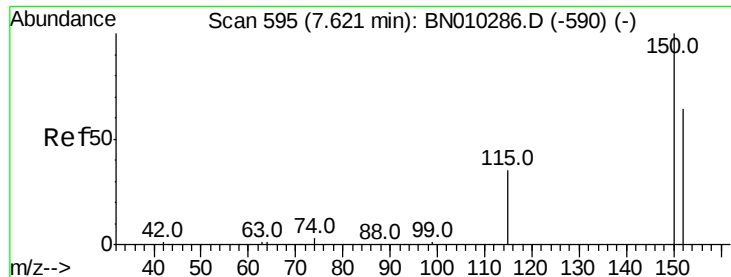
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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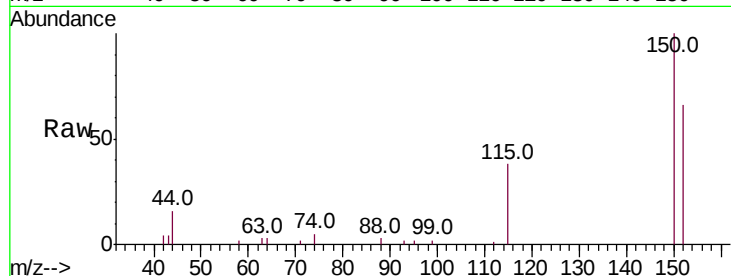


#1

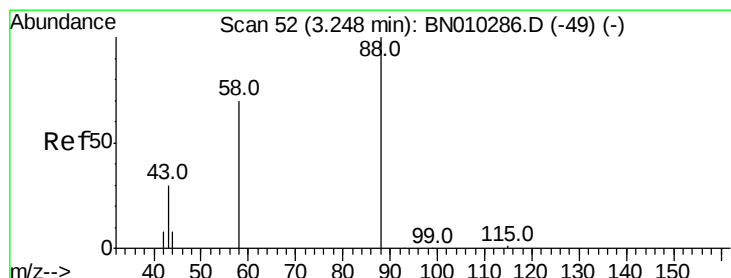
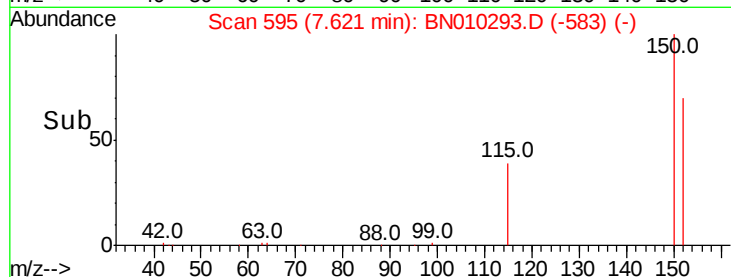
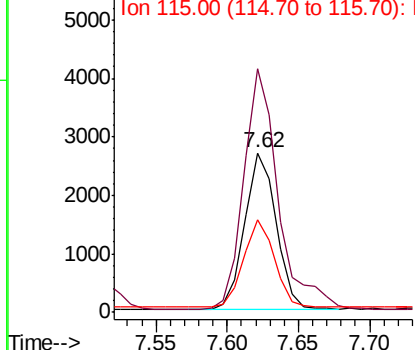
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 4089
Ion Ratio Lower Upper
152 100
150 152.4 123.1 184.7
115 58.0 45.2 67.8



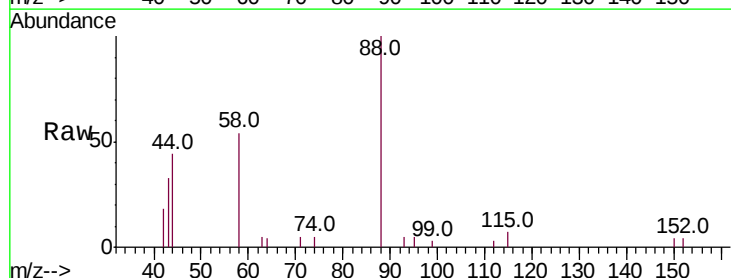
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



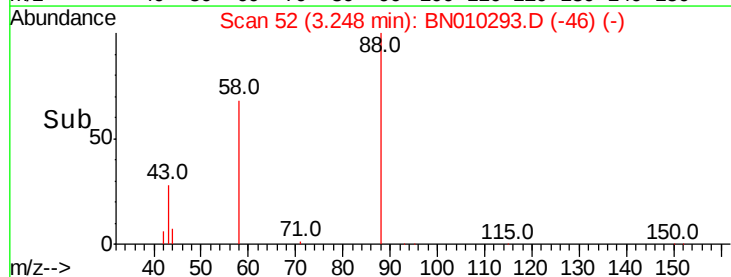
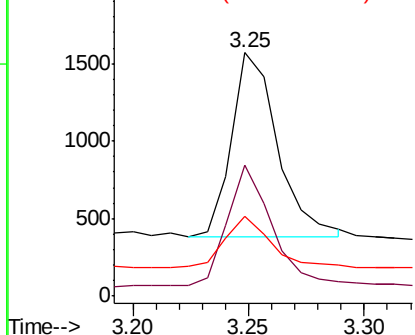
#2

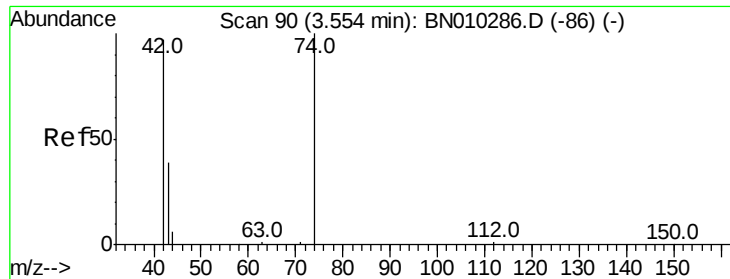
1,4-Dioxane
Concen: 0.428 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Tgt Ion: 88 Resp: 1642
Ion Ratio Lower Upper
88 100
58 62.9 51.7 77.5
43 27.5 21.2 31.8



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.382 ng

RT: 3.55 min Scan# 90

Delta R.T. -0.00 min

Lab File: BN010293.D

Acq: 19 Mar 2020 18:02

Instrument :

BNA_N

ClientSampleId :

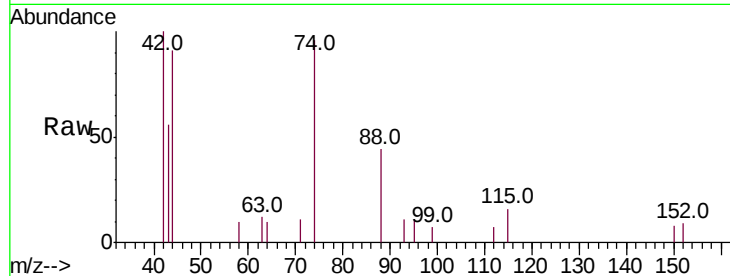
Tot Ion: 42 Resp: 1240

Ion Ratio Lower Upper

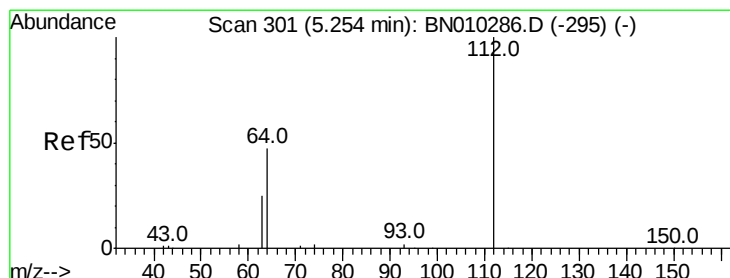
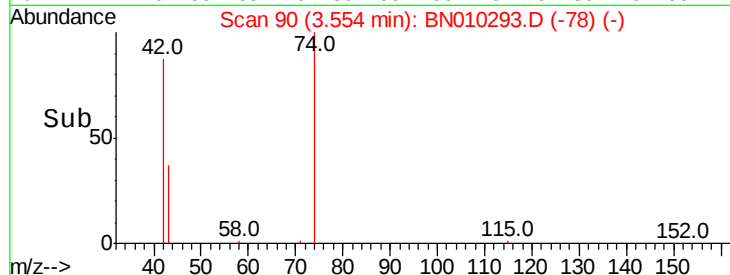
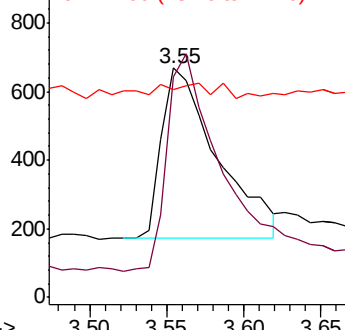
42 100

74 125.1 99.4 149.0

44 11.8 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: 0.396 ng

RT: 5.25 min Scan# 301

Delta R.T. -0.00 min

Lab File: BN010293.D

Acq: 19 Mar 2020 18:02

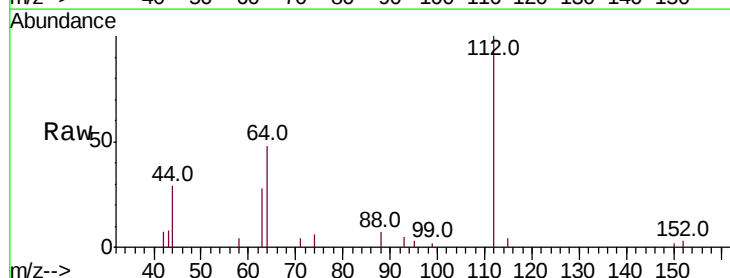
Tgt Ion: 112 Resp: 3203

Ion Ratio Lower Upper

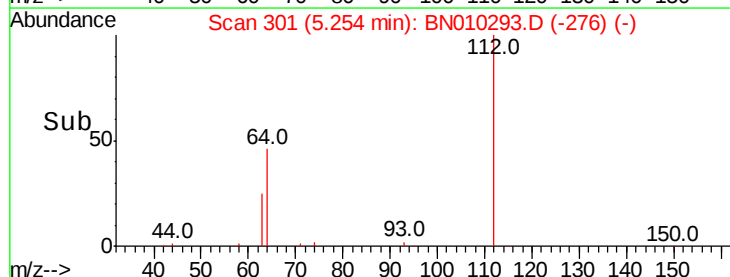
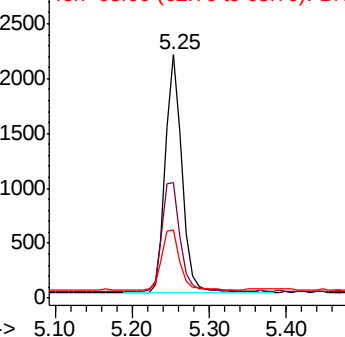
112 100

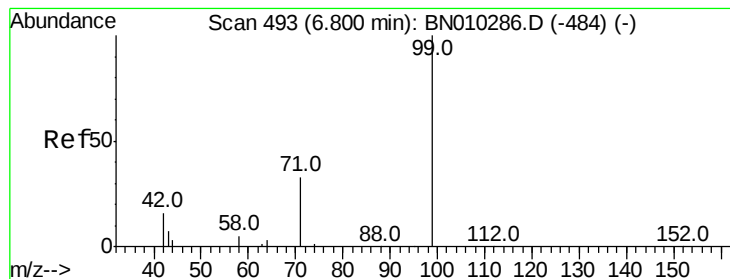
64 50.7 41.4 62.2

63 26.9 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: 0.398 ng

RT: 6.80 min Scan# 493

Delta R.T. -0.00 min

Lab File: BN010293.D

Acq: 19 Mar 2020 18:02

Instrument :

BNA_N

ClientSampleId :

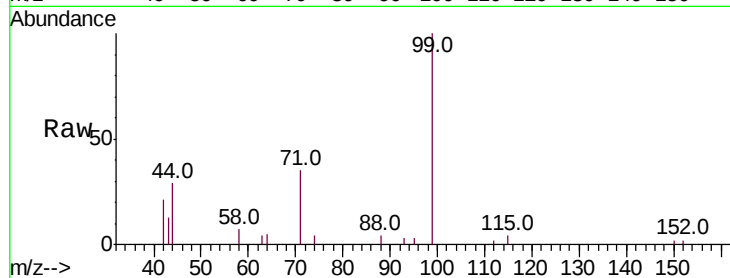
Tot Ion: 99 Resp: 4008

Ion Ratio Lower Upper

99 100

42 17.8 14.8 22.2

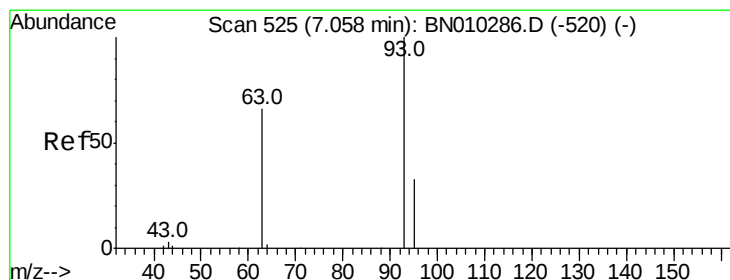
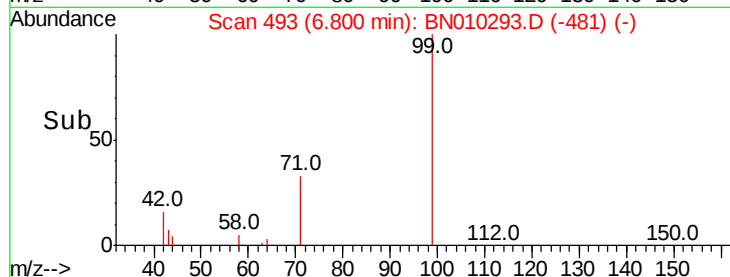
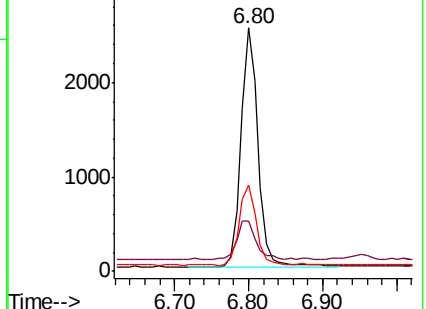
71 34.7 27.3 40.9



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: 0.408 ng

RT: 7.06 min Scan# 525

Delta R.T. -0.00 min

Lab File: BN010293.D

Acq: 19 Mar 2020 18:02

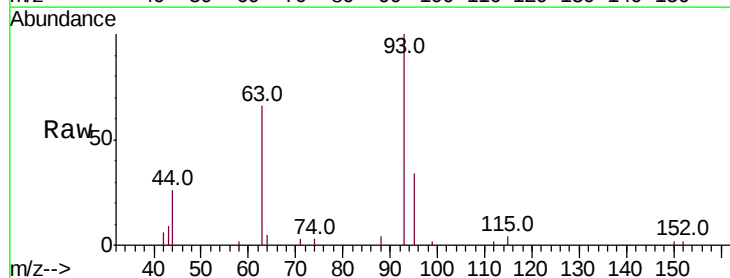
Tgt Ion: 93 Resp: 3950

Ion Ratio Lower Upper

93 100

63 69.0 55.6 83.4

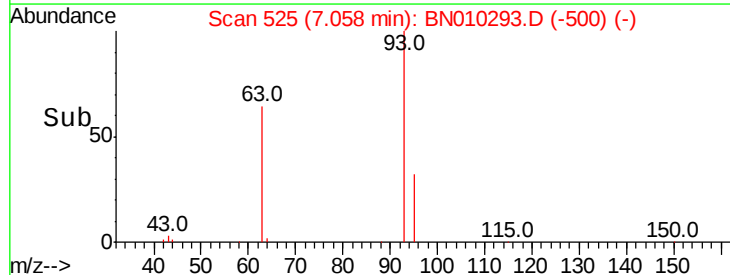
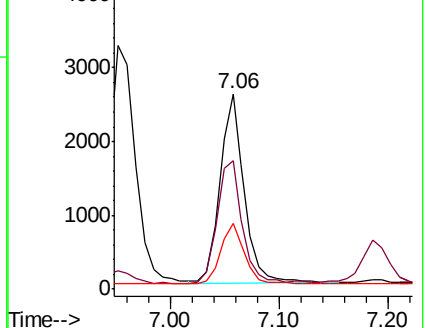
95 32.8 26.2 39.4

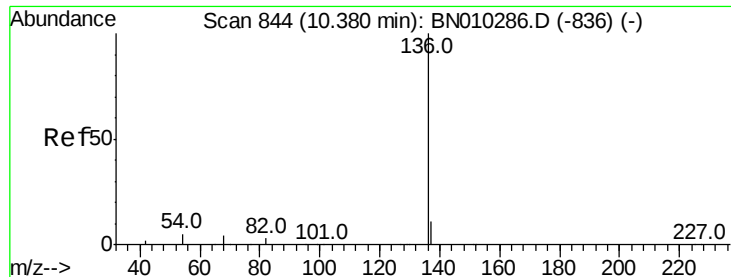


Abundance Ion 93.00 (92.70 to 93.70): BN010286.D (-520) (-)

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: BN010293.D

Acq: 19 Mar 2020 18:02

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 14006

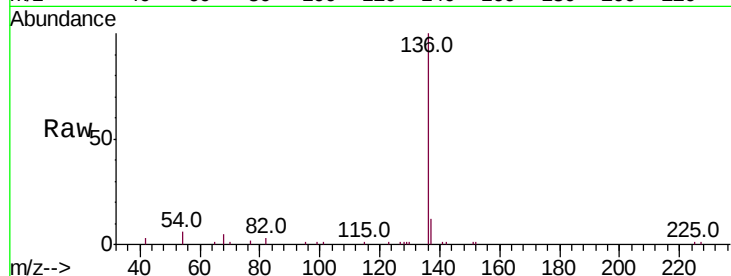
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 5.8 4.8 7.2

68 5.1 4.1 6.1

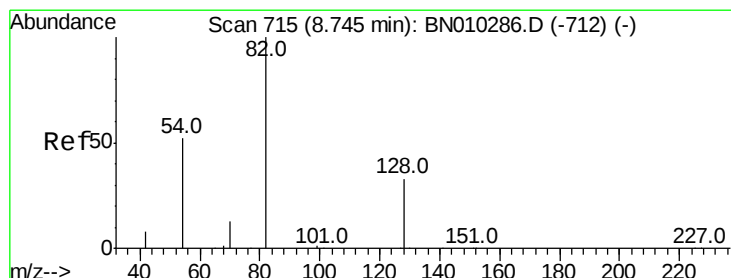
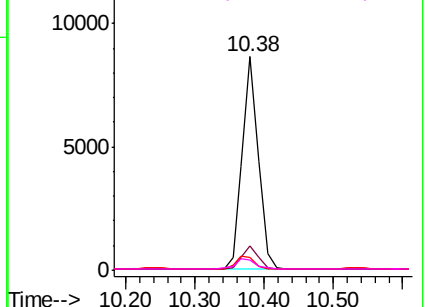
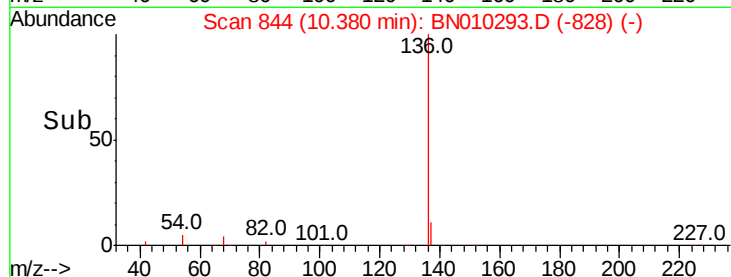


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.387 ng

RT: 8.74 min Scan# 715

Delta R.T. -0.00 min

Lab File: BN010293.D

Acq: 19 Mar 2020 18:02

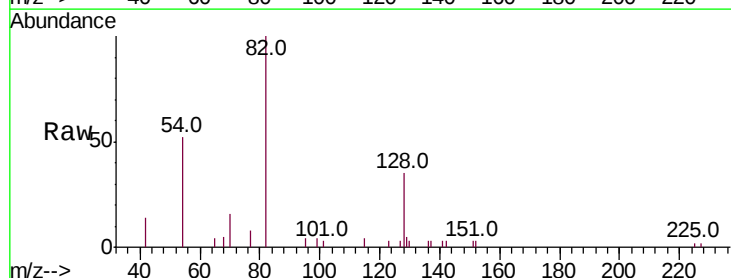
Tgt Ion: 82 Resp: 3471

Ion Ratio Lower Upper

82 100

128 35.5 28.8 43.2

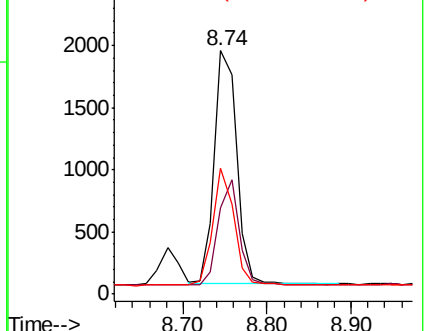
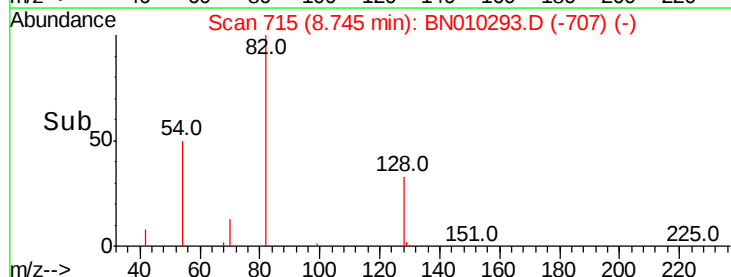
54 51.5 42.1 63.1

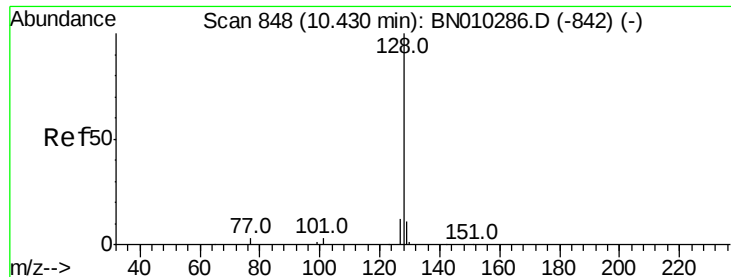


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.404 ng

RT: 10.43 min Scan# 848

Delta R.T. -0.00 min

Lab File: BN010293.D

Acq: 19 Mar 2020 18:02

Instrument :

BNA_N

ClientSampleId :

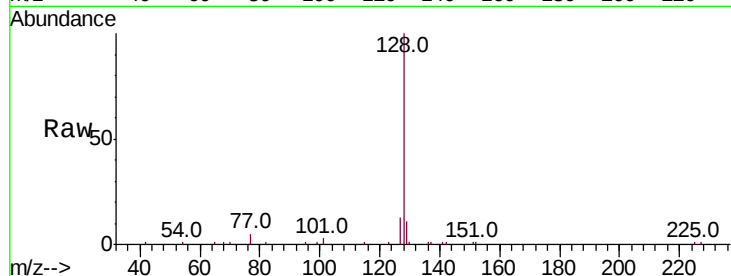
Tot Ion:128 Resp: 14099

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

127 13.1 10.4 15.6

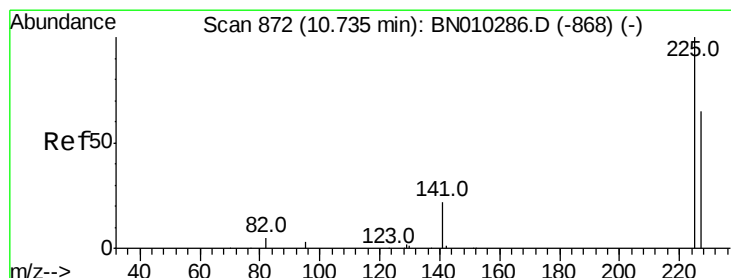
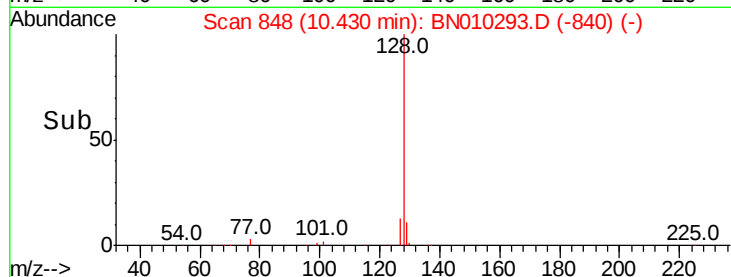
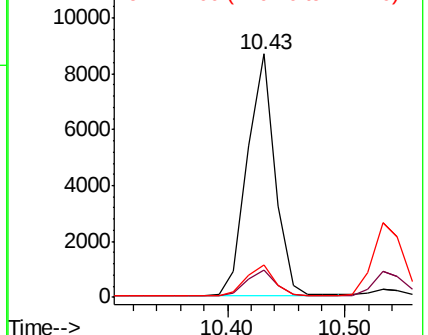


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.407 ng

RT: 10.73 min Scan# 872

Delta R.T. -0.00 min

Lab File: BN010293.D

Acq: 19 Mar 2020 18:02

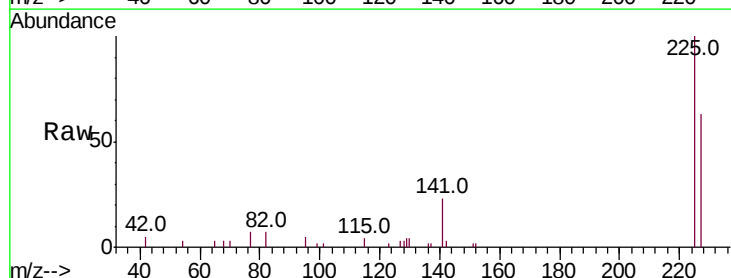
Tgt Ion:225 Resp: 3444

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

227 63.0 51.9 77.9

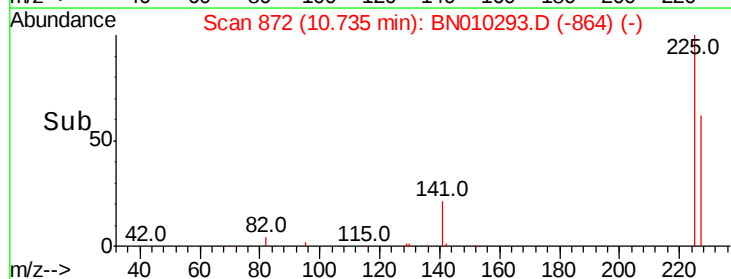
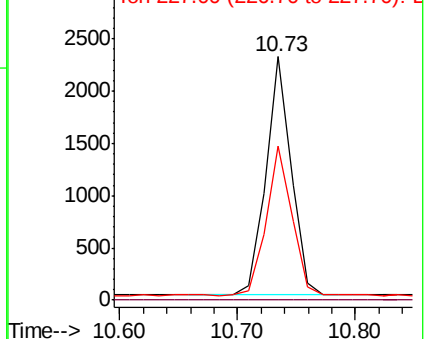


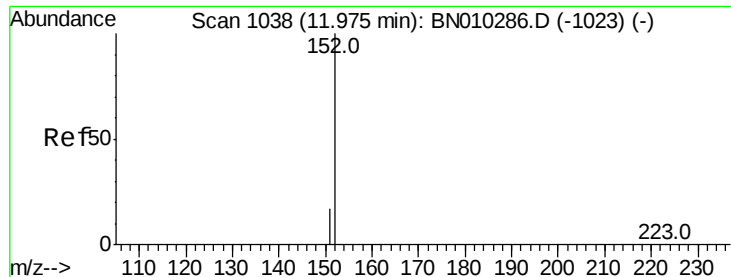
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

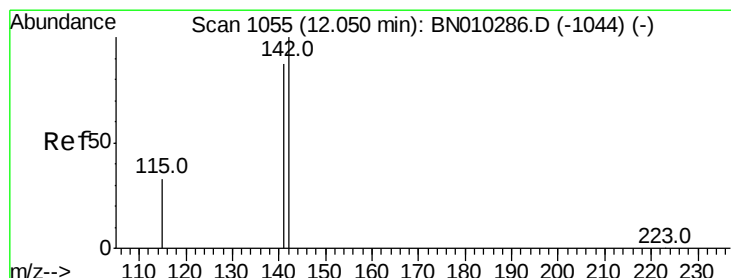
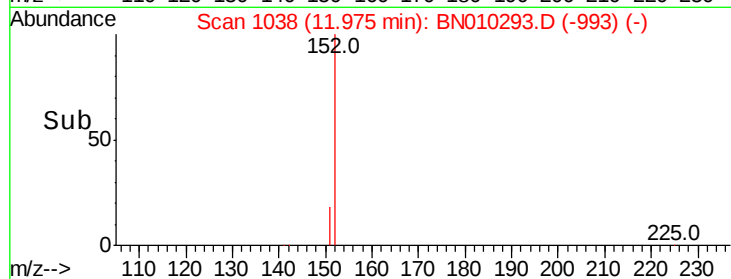
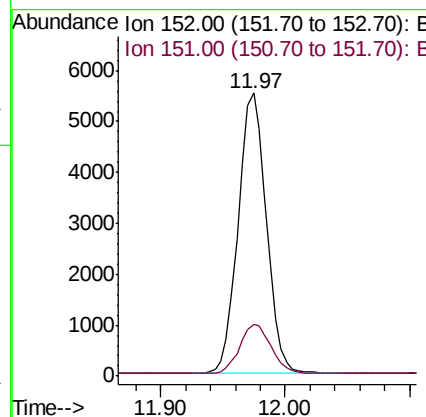
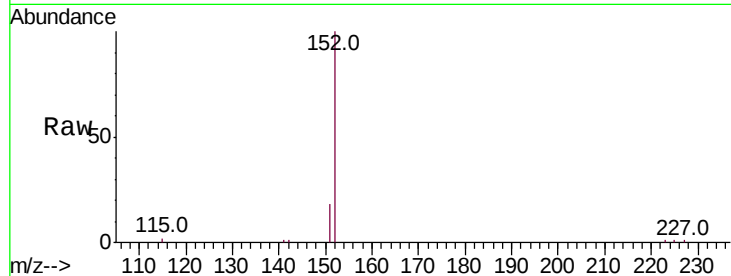




#11
 2-Methylnaphthalene-d10
 Concen: 0.386 ng
 RT: 11.97 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BN010293.D
 Acq: 19 Mar 2020 18:02

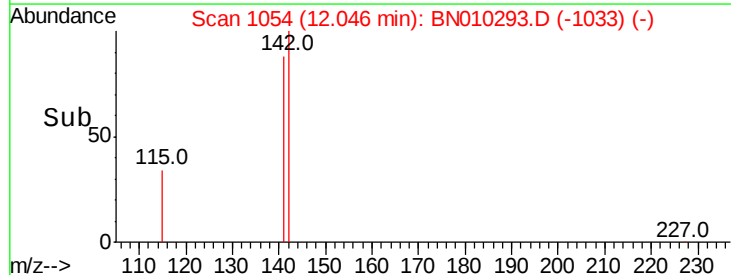
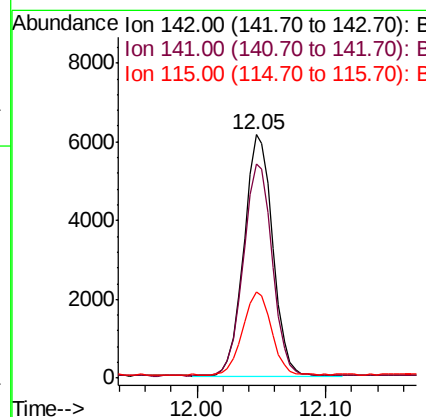
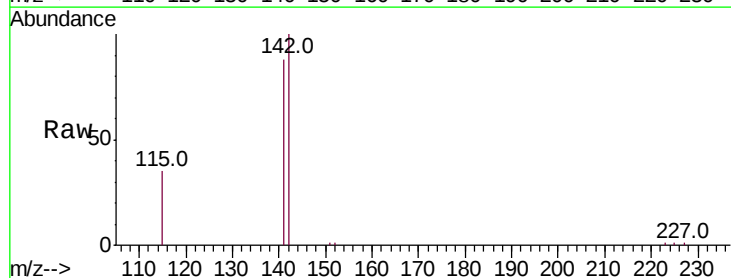
Instrument :
 BNA_N
 ClientSampleId :

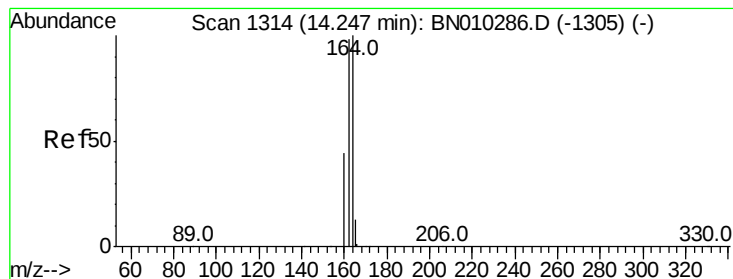
Tot Ion:152 Resp: 8639
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.393 ng
 RT: 12.05 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BN010293.D
 Acq: 19 Mar 2020 18:02

Tgt Ion:142 Resp: 9507
 Ion Ratio Lower Upper
 142 100
 141 87.8 69.5 104.3
 115 35.1 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: BN010293.D

Acq: 19 Mar 2020 18:02

Instrument :

BNA_N

ClientSampleId :

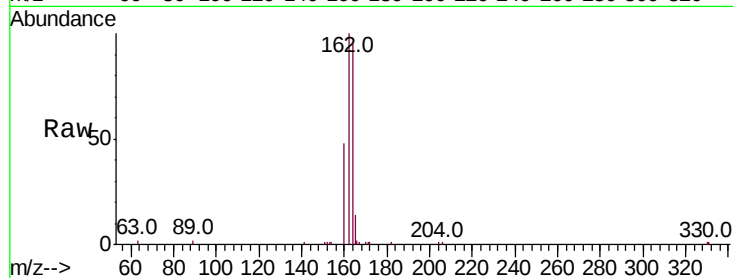
Tot Ion:164 Resp: 8354

Ion Ratio Lower Upper

164 100

162 105.1 78.2 117.2

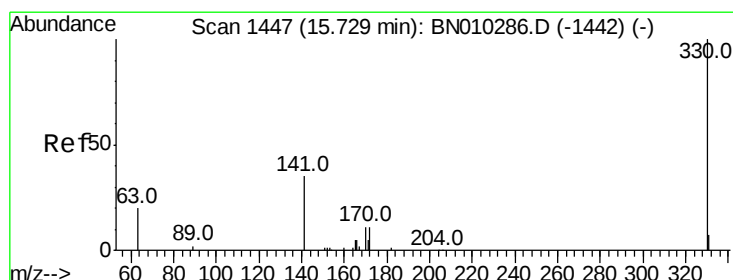
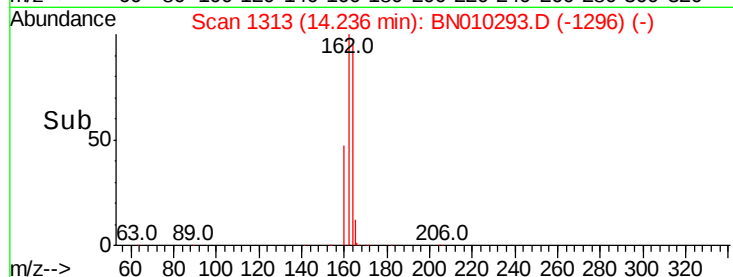
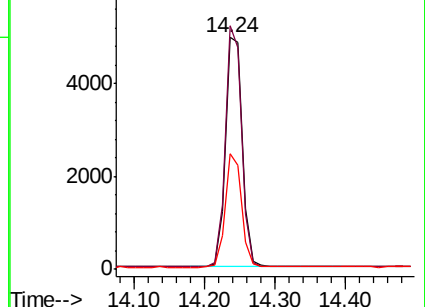
160 50.1 35.8 53.6



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: 0.358 ng

RT: 15.73 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BN010293.D

Acq: 19 Mar 2020 18:02

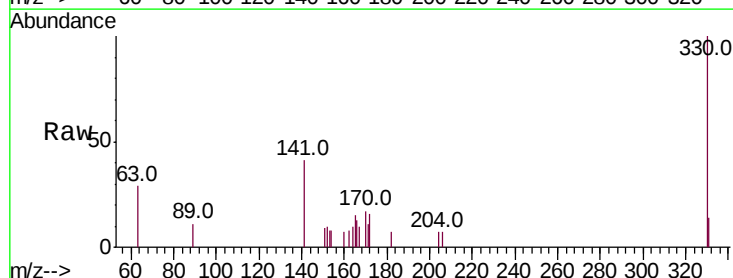
Tgt Ion:330 Resp: 1148

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

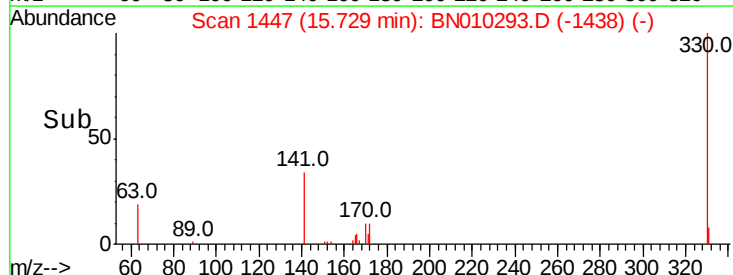
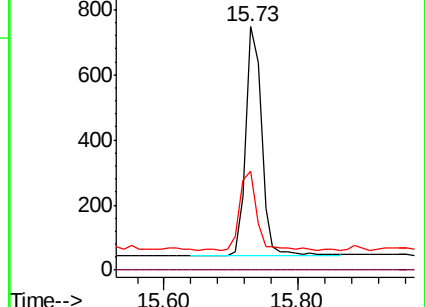
141 37.8 29.3 43.9

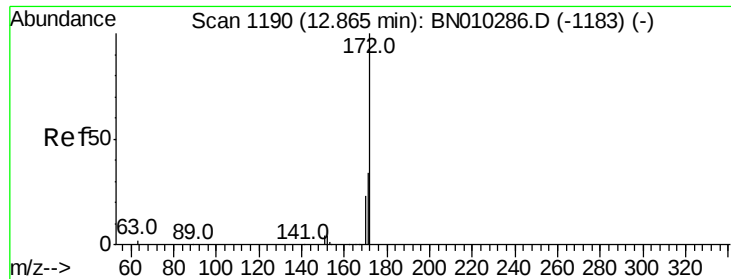


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

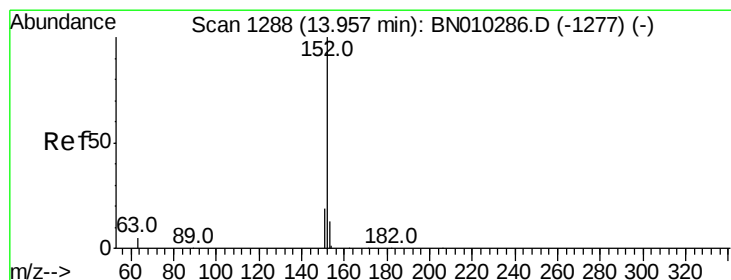
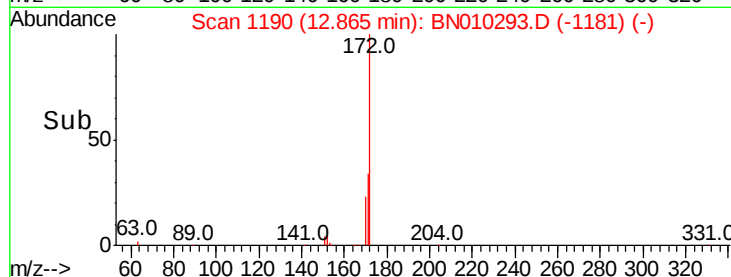
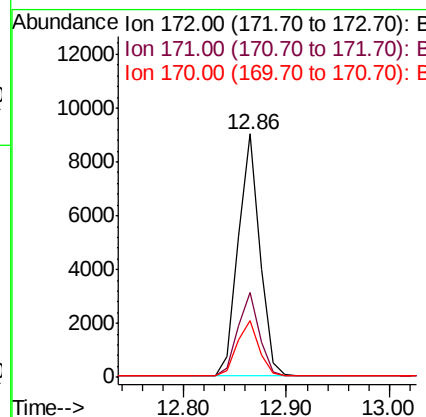
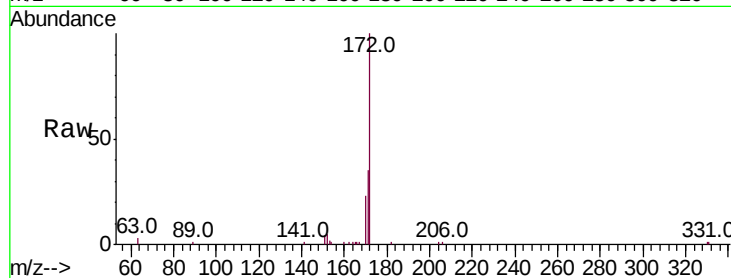




#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

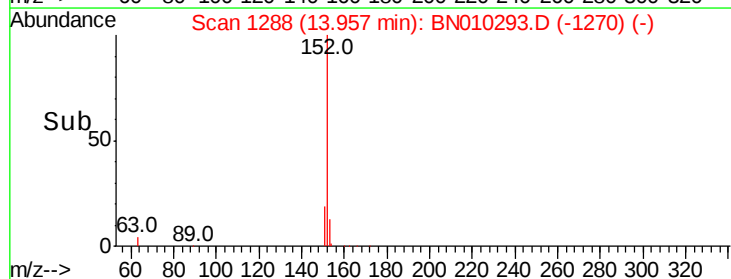
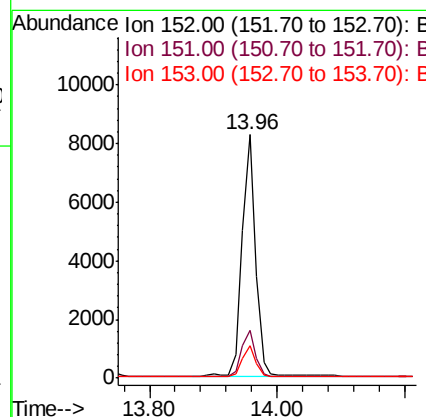
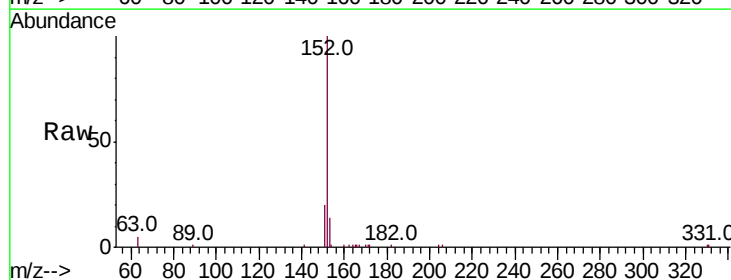
Instrument :
BNA_N
ClientSampleId :

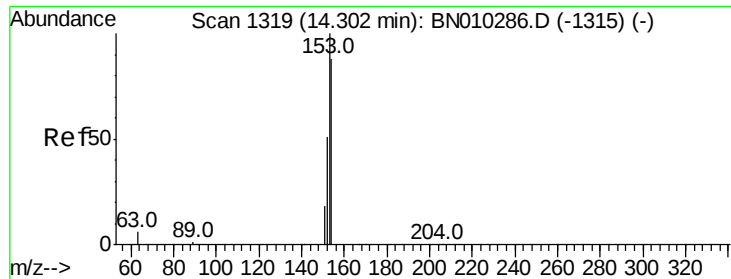
Tot Ion:172 Resp: 13048
Ion Ratio Lower Upper
172 100
171 34.8 27.6 41.4
170 23.2 18.5 27.7



#16
Acenaphthylene
Concen: 0.378 ng
RT: 13.96 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Tgt Ion:152 Resp: 12397
Ion Ratio Lower Upper
152 100
151 19.2 15.6 23.4
153 12.9 10.6 15.8





#17

Acenaphthene

Concen: 0.391 ng

RT: 14.30 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BN010293.D

Acq: 19 Mar 2020 18:02

Instrument :

BNA_N

ClientSampleId :

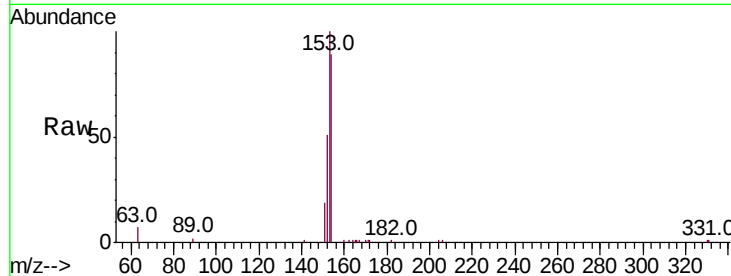
Tot Ion:154 Resp: 9144

Ion Ratio Lower Upper

154 100

153 110.3 88.1 132.1

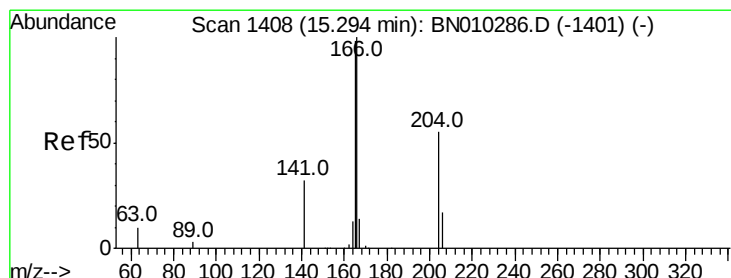
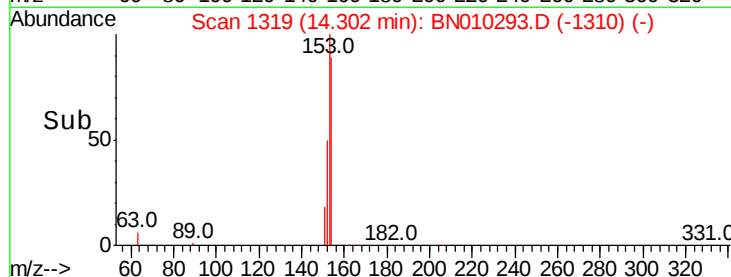
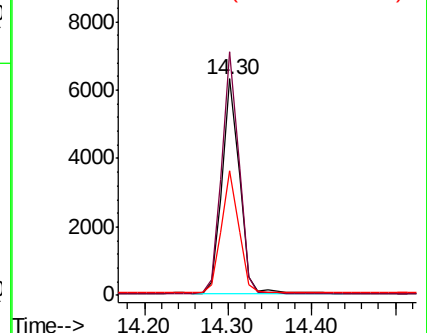
152 56.5 45.5 68.3



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: 0.395 ng

RT: 15.29 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BN010293.D

Acq: 19 Mar 2020 18:02

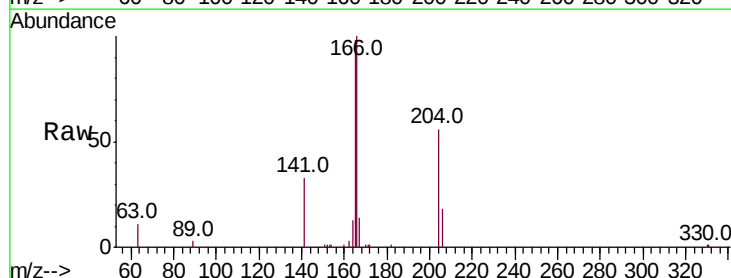
Tgt Ion:166 Resp: 12245

Ion Ratio Lower Upper

166 100

165 97.8 78.7 118.1

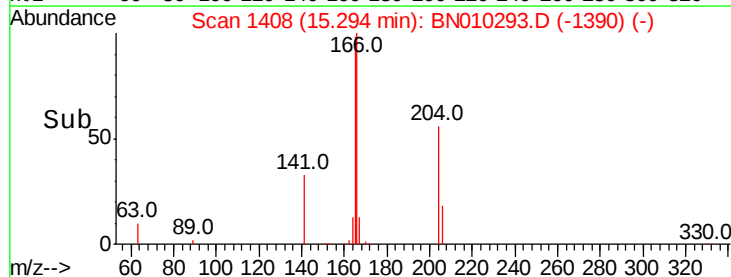
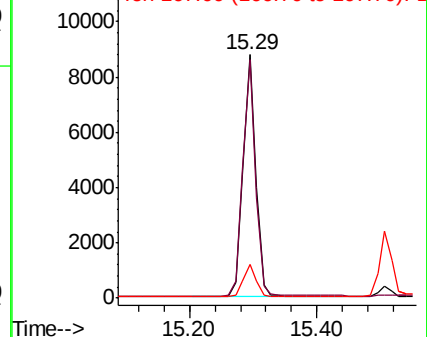
167 13.6 11.0 16.4

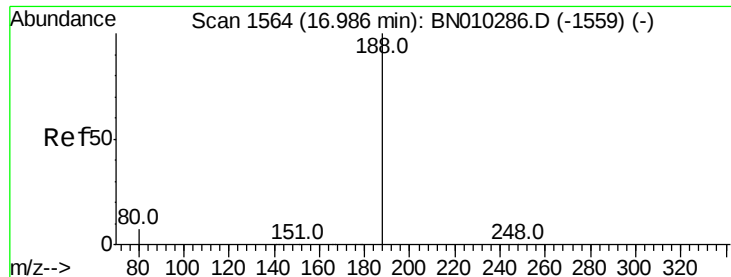


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN010293.D

Acq: 19 Mar 2020 18:02

Instrument :

BNA_N

ClientSampleId :

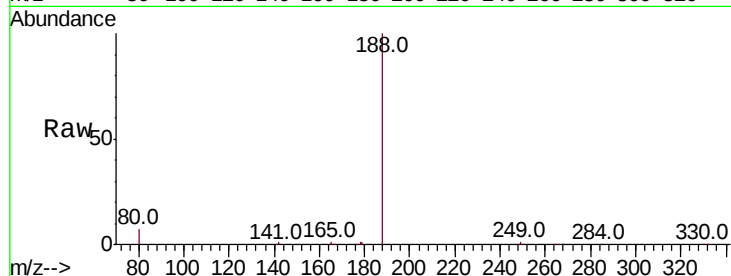
Tot Ion:188 Resp: 19462

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

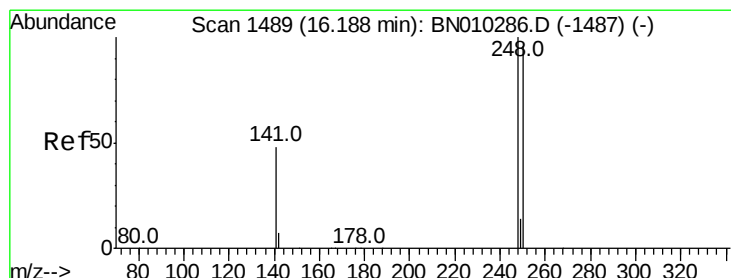
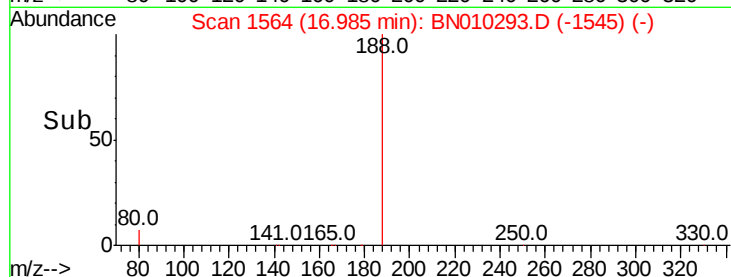
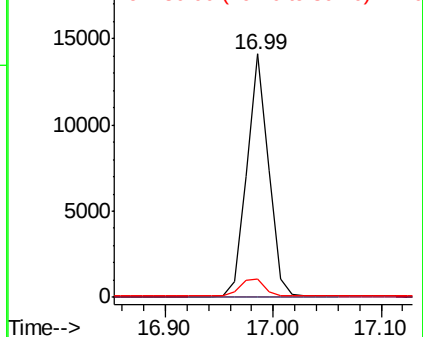
80 7.3 6.0 9.0



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: 0.396 ng

RT: 16.19 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BN010293.D

Acq: 19 Mar 2020 18:02

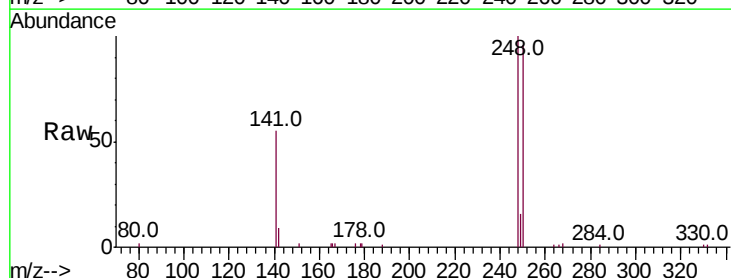
Tgt Ion:248 Resp: 4675

Ion Ratio Lower Upper

248 100

250 95.9 76.8 115.2

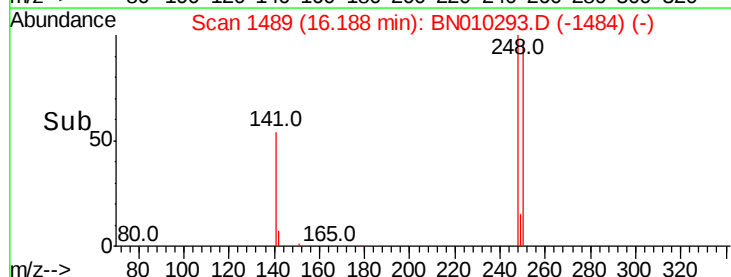
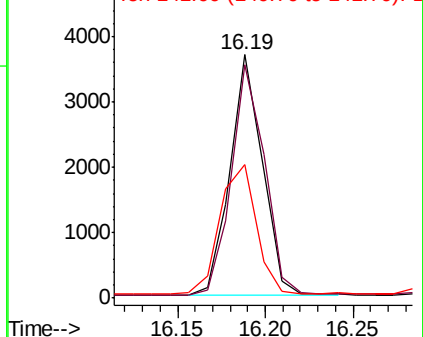
141 54.7 44.4 66.6

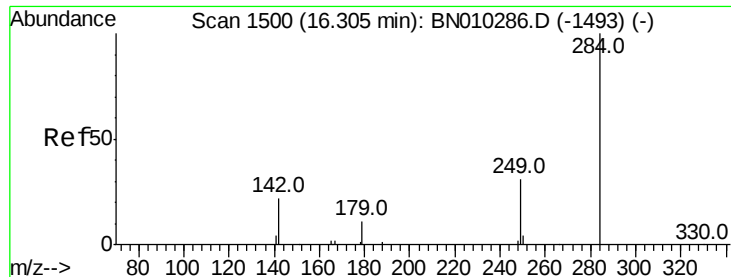


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

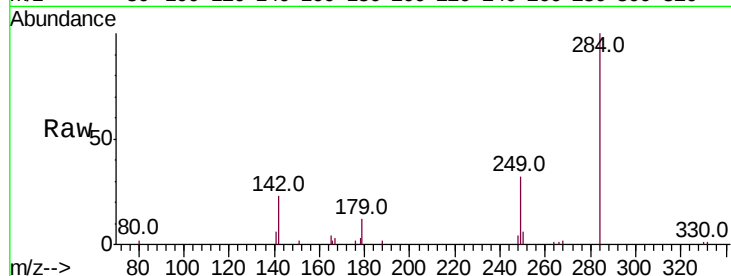




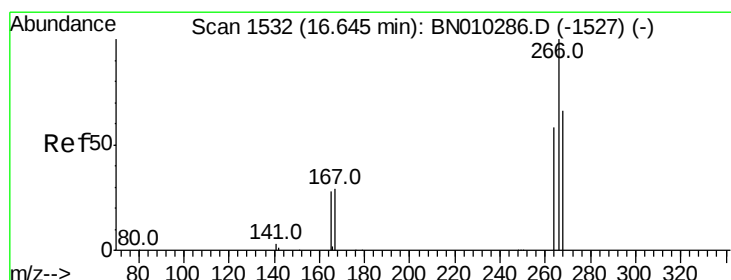
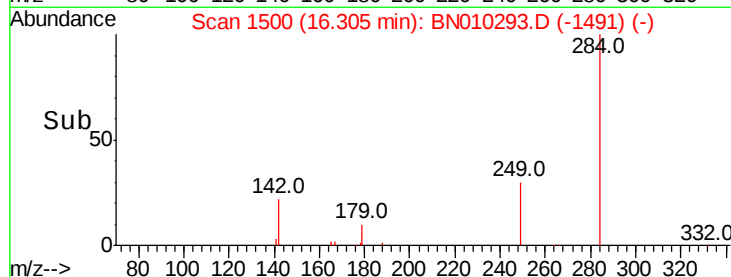
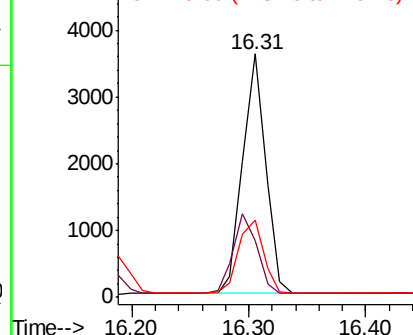
#21
Hexachlorobenzene
Concen: 0.404 ng
RT: 16.31 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Instrument :
BNA_N
ClientSampleId :

Tot Ion:284 Resp: 4895
Ion Ratio Lower Upper
284 100
142 34.4 27.4 41.2
249 32.9 26.5 39.7

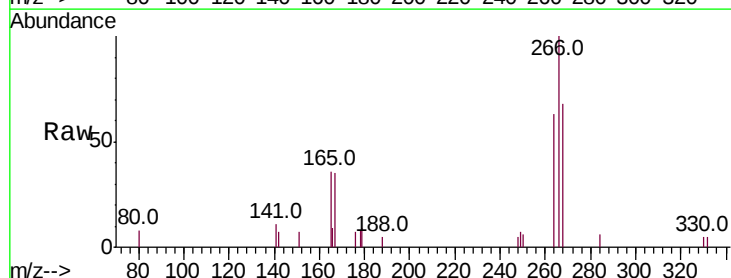


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

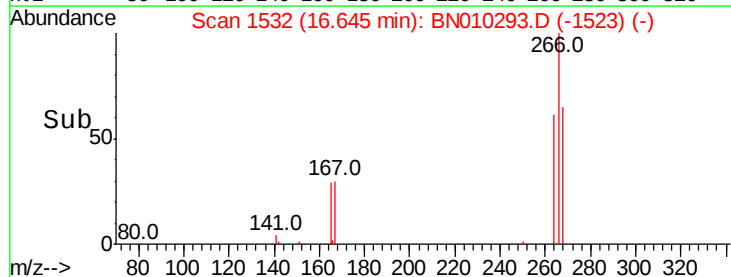
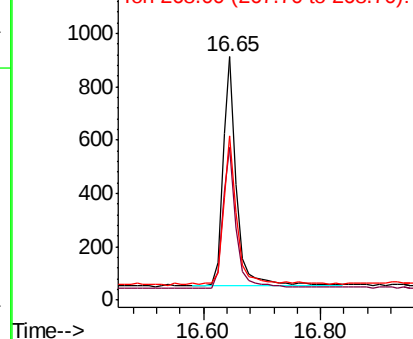


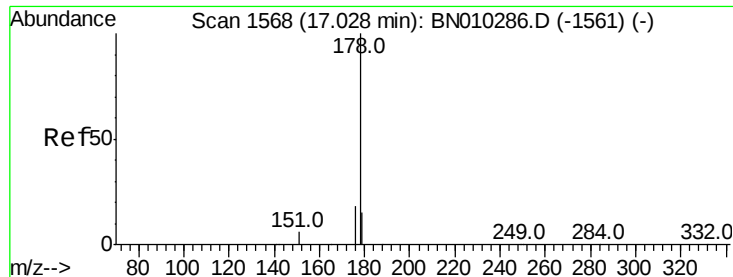
#22
Pentachlorophenol
Concen: 0.345 ng
RT: 16.65 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Tgt Ion:266 Resp: 1432
Ion Ratio Lower Upper
266 100
264 62.9 47.7 71.5
268 67.6 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: 0.399 ng

RT: 17.03 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BN010293.D

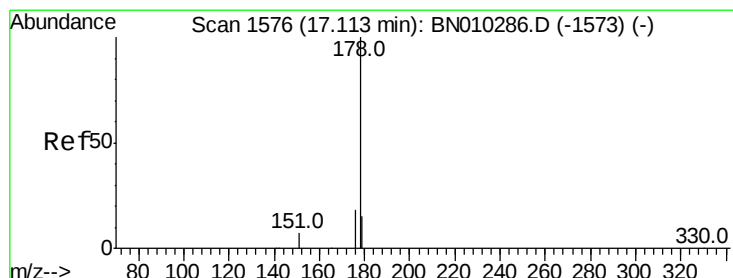
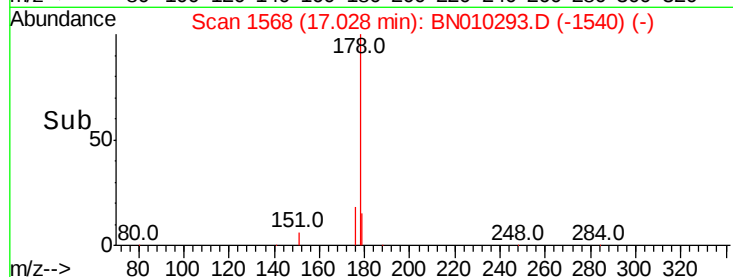
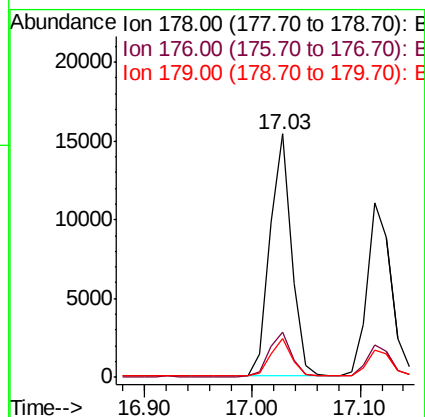
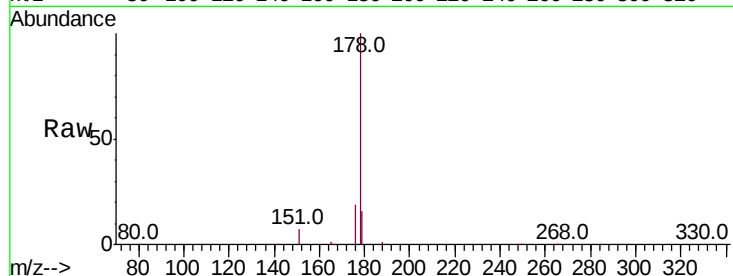
Acq: 19 Mar 2020 18:02

Instrument :

BNA_N

ClientSampleId :

Tot Ion:178	Resp:	21318
Ion Ratio	Lower	Upper
178	100	
176	18.5	15.0 22.4
179	15.5	12.4 18.6



#24

Anthracene

Concen: 0.377 ng

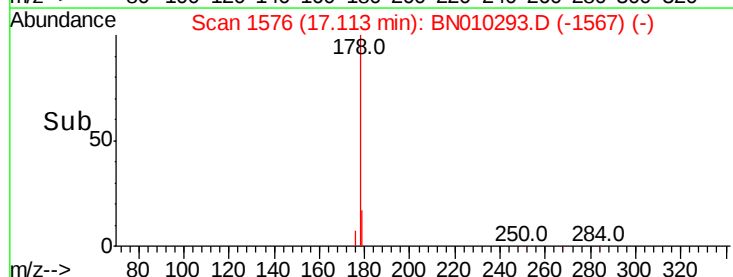
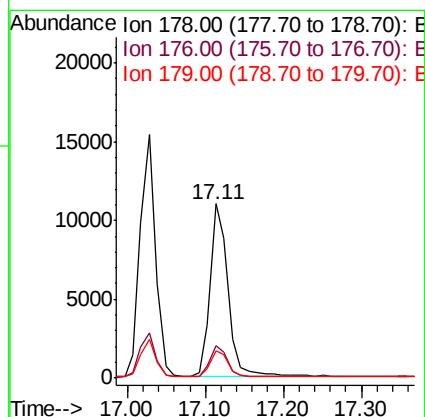
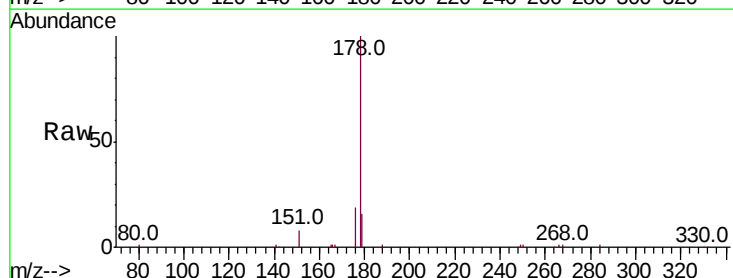
RT: 17.11 min Scan# 1576

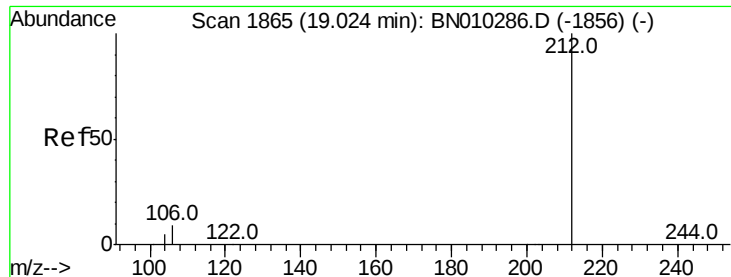
Delta R.T. -0.00 min

Lab File: BN010293.D

Acq: 19 Mar 2020 18:02

Tgt Ion:178	Resp:	17267
Ion Ratio	Lower	Upper
178	100	
176	18.3	14.5 21.7
179	15.6	12.3 18.5





#25

Fluoranthene-d10

Concen: 0.385 ng

RT: 19.02 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BN010293.D

Acq: 19 Mar 2020 18:02

Instrument :

BNA_N

ClientSampleId :

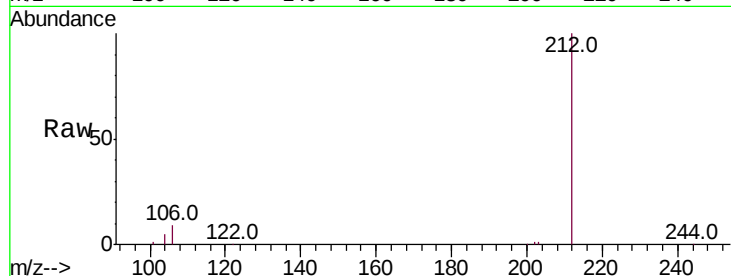
Tot Ion:212 Resp: 22581

Ion Ratio Lower Upper

212 100

106 9.5 7.4 11.2

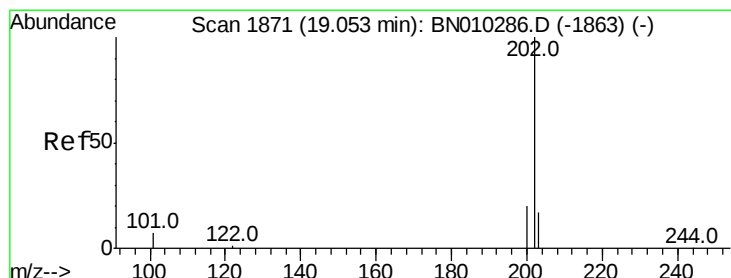
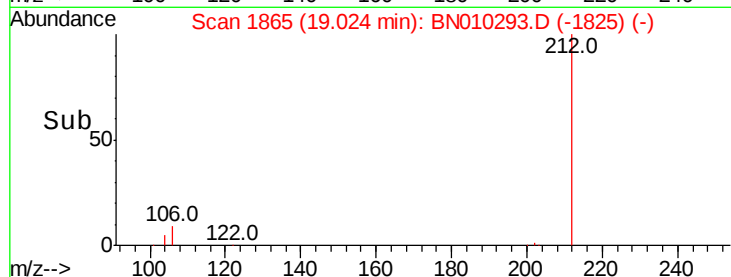
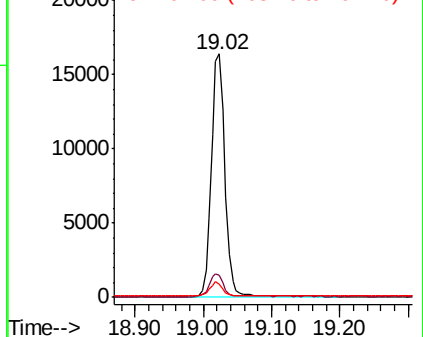
104 5.4 4.2 6.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.394 ng

RT: 19.05 min Scan# 1871

Delta R.T. -0.00 min

Lab File: BN010293.D

Acq: 19 Mar 2020 18:02

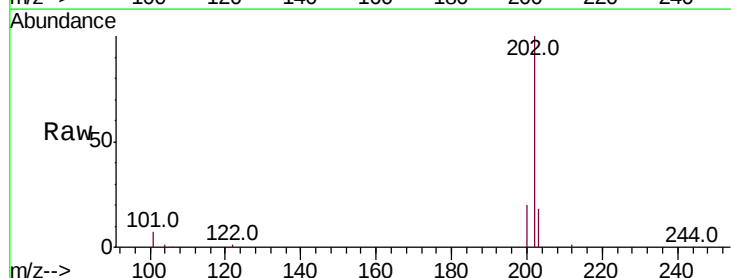
Tgt Ion:202 Resp: 25826

Ion Ratio Lower Upper

202 100

101 7.9 6.6 9.8

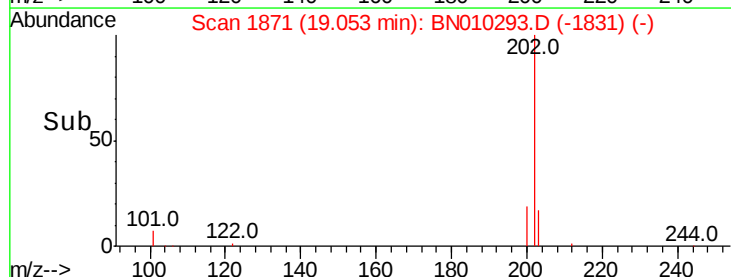
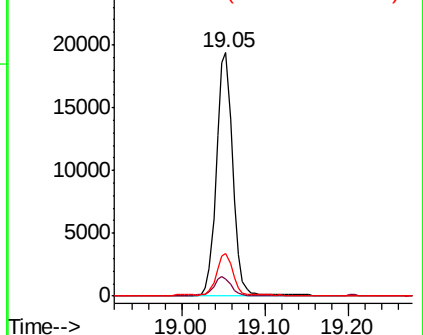
203 17.1 13.8 20.8

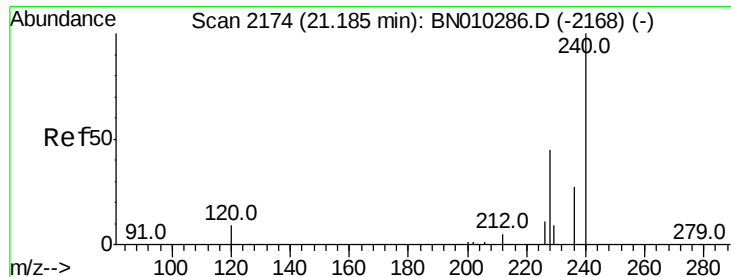


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.19 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BN010293.D

Acq: 19 Mar 2020 18:02

Instrument :

BNA_N

ClientSampleId :

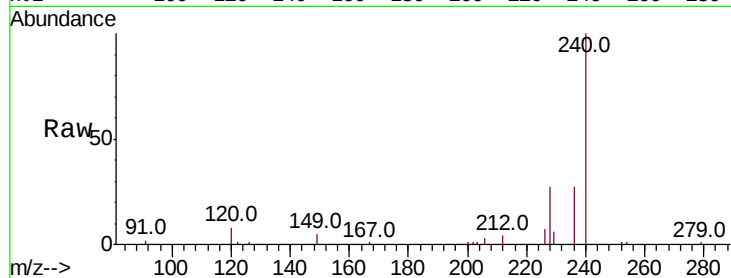
Tot Ion:240 Resp: 21595

Ion Ratio Lower Upper

240 100

120 8.0 7.9 11.9

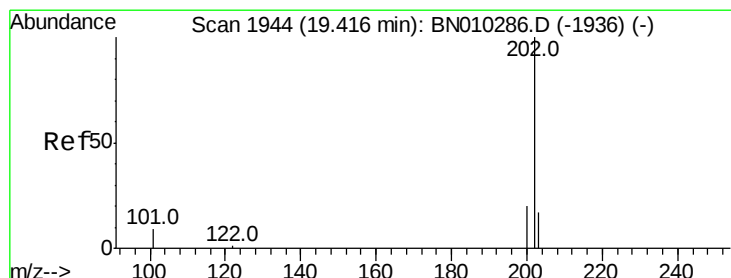
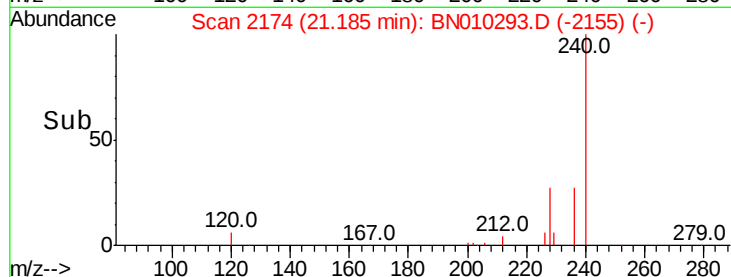
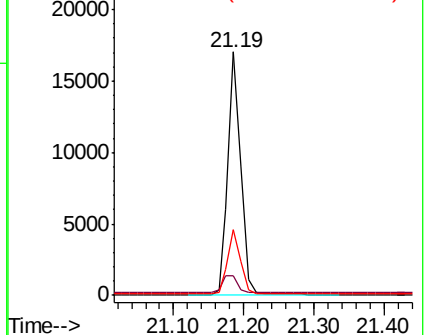
236 27.1 22.2 33.4



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



#28

Pyrene

Concen: 0.385 ng

RT: 19.42 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BN010293.D

Acq: 19 Mar 2020 18:02

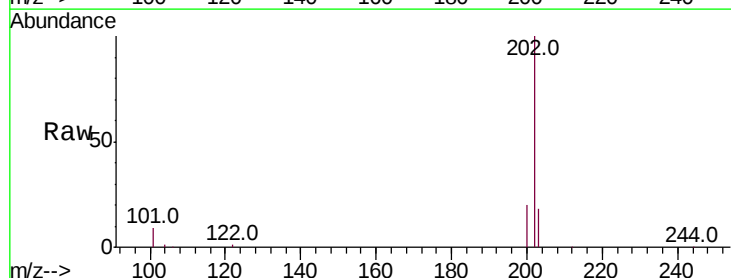
Tgt Ion:202 Resp: 25907

Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.4

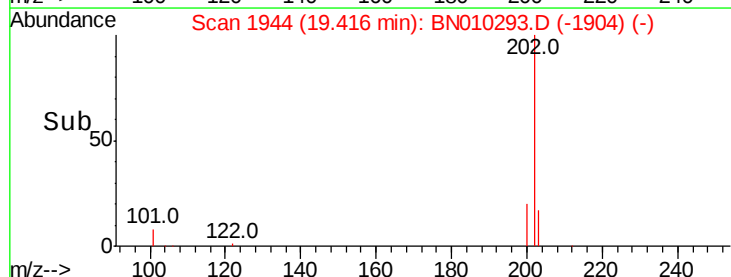
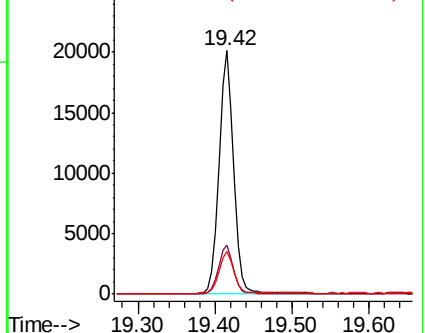
203 17.4 14.2 21.2

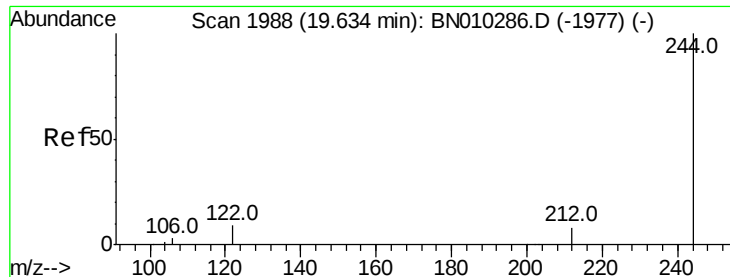


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.394 ng

RT: 19.63 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BN010293.D

Acq: 19 Mar 2020 18:02

Instrument :

BNA_N

ClientSampleId :

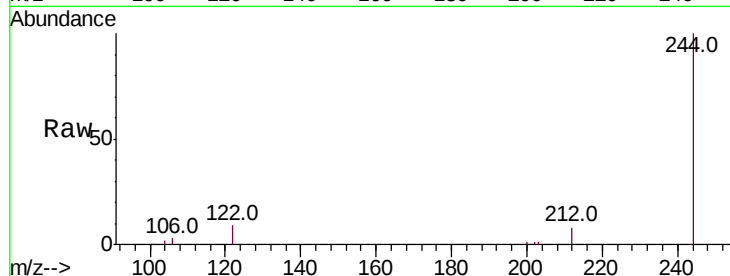
Tot Ion:244 Resp: 18372

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

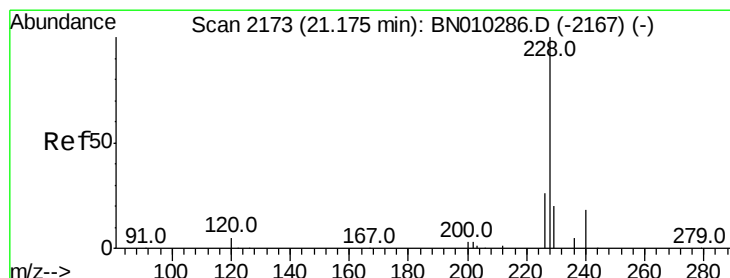
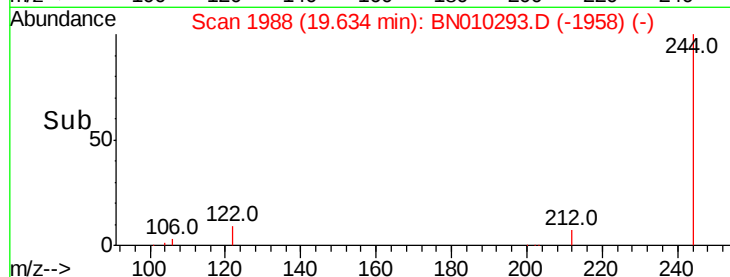
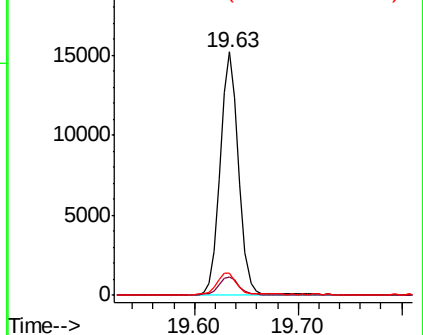
122 8.9 7.6 11.4



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: 0.390 ng

RT: 21.17 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BN010293.D

Acq: 19 Mar 2020 18:02

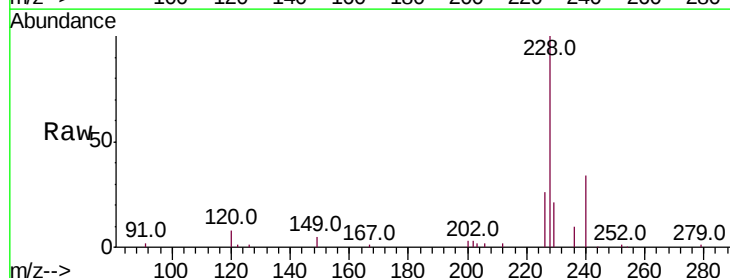
Tgt Ion:228 Resp: 26856

Ion Ratio Lower Upper

228 100

226 26.0 21.0 31.4

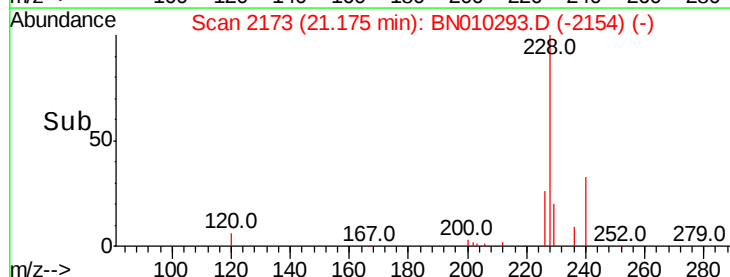
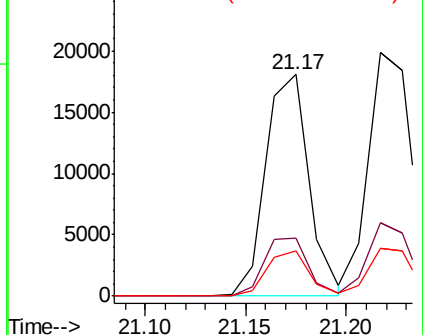
229 20.5 16.0 24.0

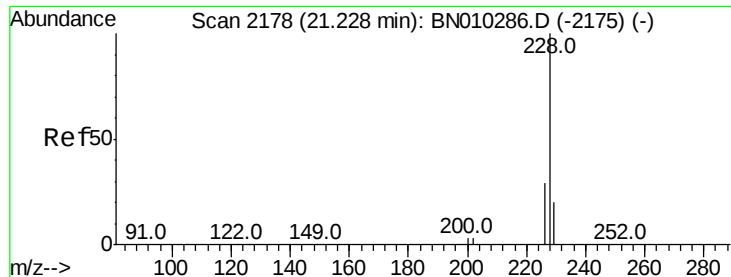


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.397 ng

RT: 21.22 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BN010293.D

Acq: 19 Mar 2020 18:02

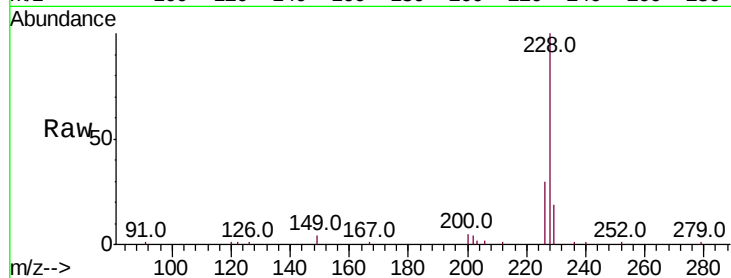
Instrument :

BNA_N

ClientSampled :

Tot Ion:228 Resp: 29271

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.0	34.6
229	19.5	16.0	24.0

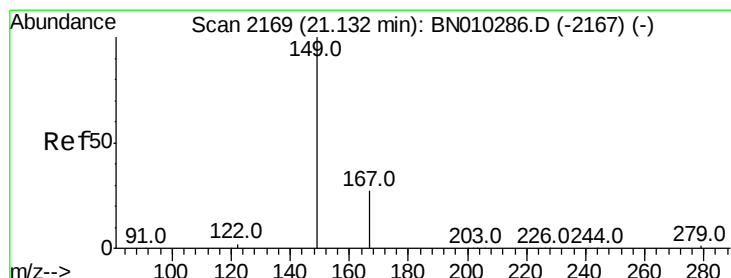
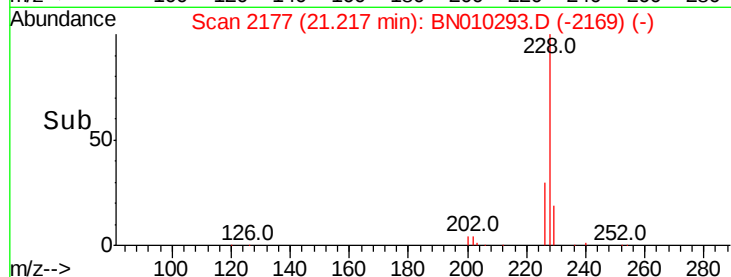
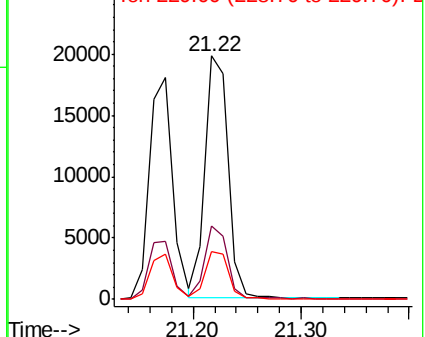


Abundance

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: 0.377 ng

RT: 21.13 min Scan# 2169

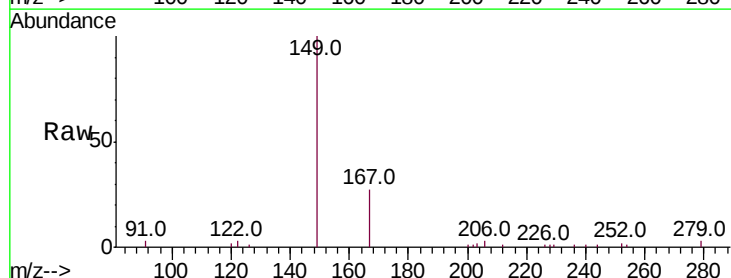
Delta R.T. -0.00 min

Lab File: BN010293.D

Acq: 19 Mar 2020 18:02

Tgt Ion:149 Resp: 8744

Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.0	34.6
279	4.9	3.8	5.8

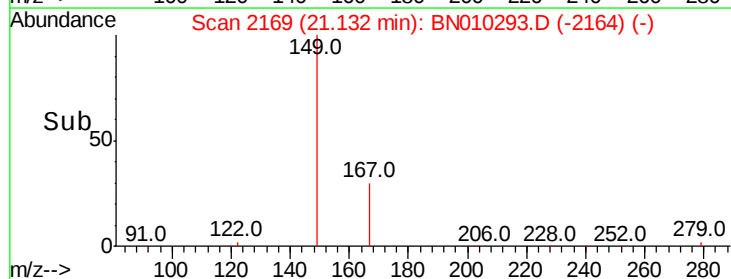
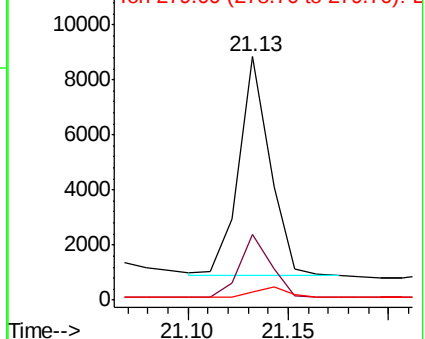


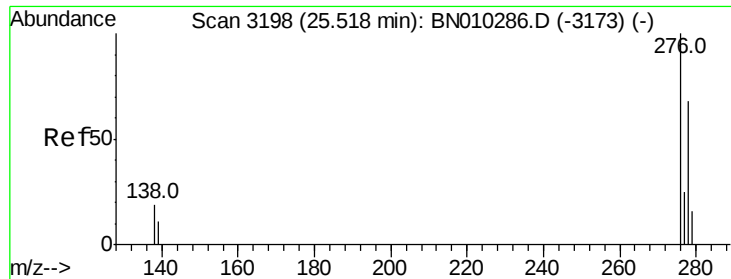
Abundance

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

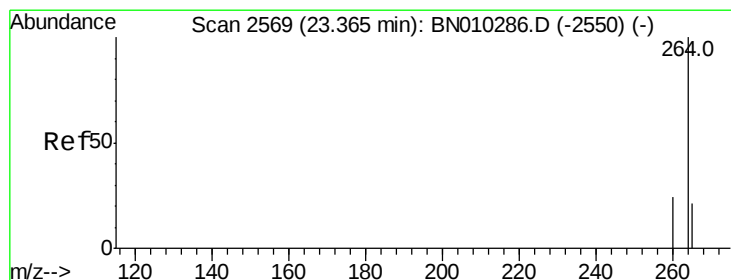
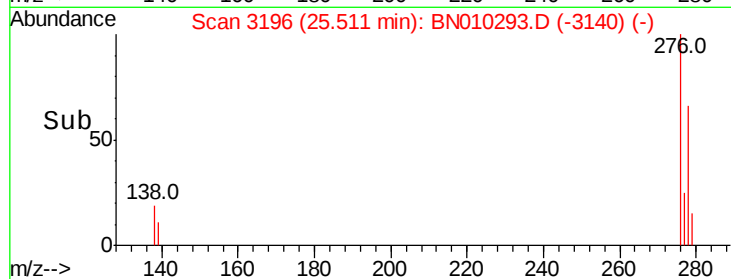
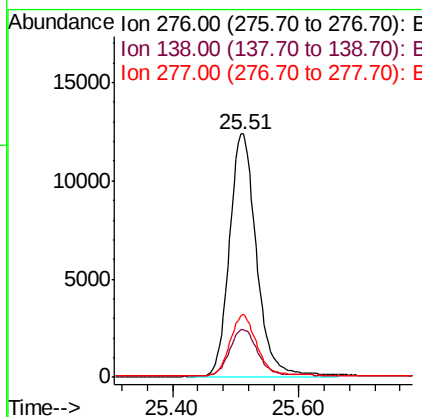
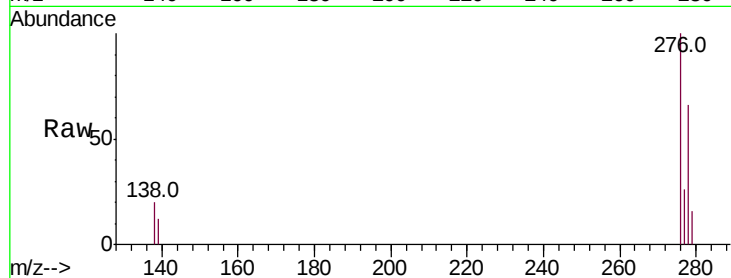




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.462 ng
 RT: 25.51 min Scan# 3196
 Delta R.T. -0.01 min
 Lab File: BN010293.D
 Acq: 19 Mar 2020 18:02

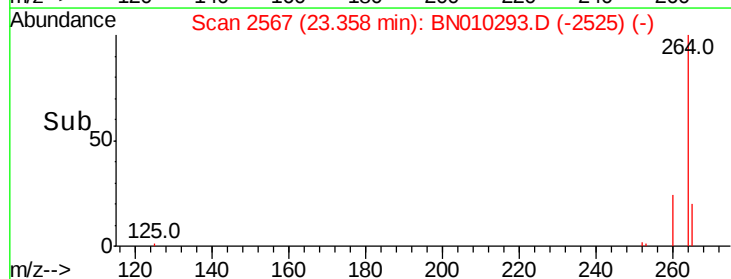
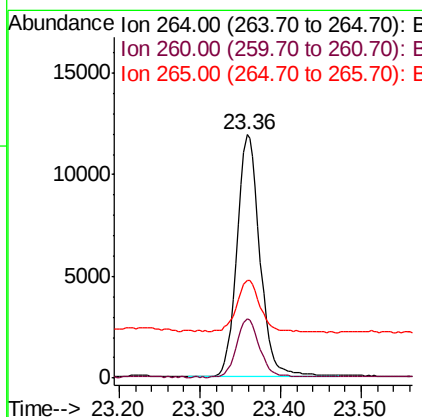
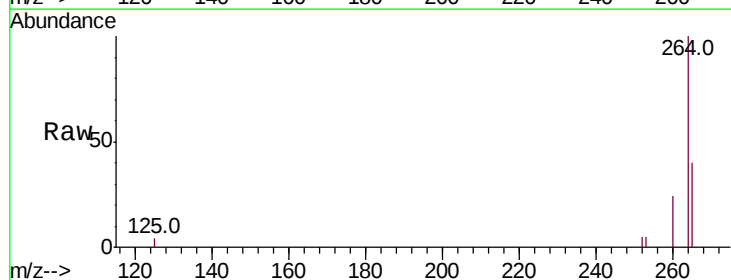
Instrument :
 BNA_N
 ClientSampleId :

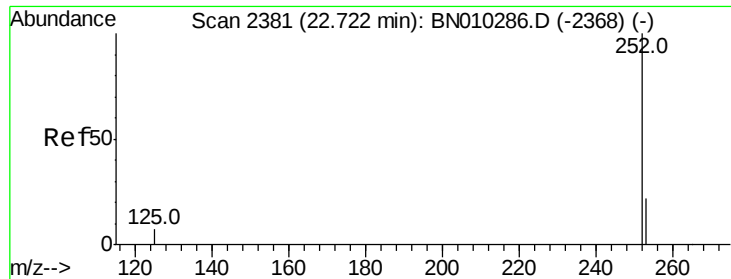
Tot Ion:276 Resp: 36537
 Ion Ratio Lower Upper
 276 100
 138 20.2 15.6 23.4
 277 25.0 20.1 30.1



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.36 min Scan# 2567
 Delta R.T. -0.01 min
 Lab File: BN010293.D
 Acq: 19 Mar 2020 18:02

Tgt Ion:264 Resp: 23410
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 40.3 32.4 48.6

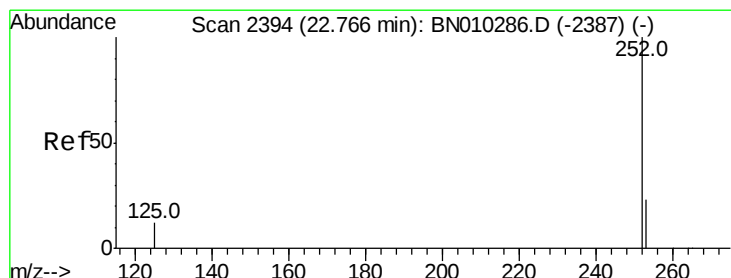
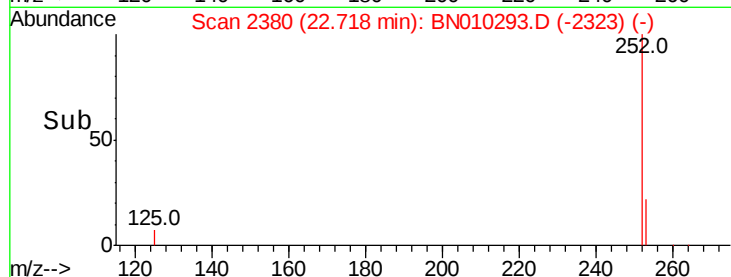
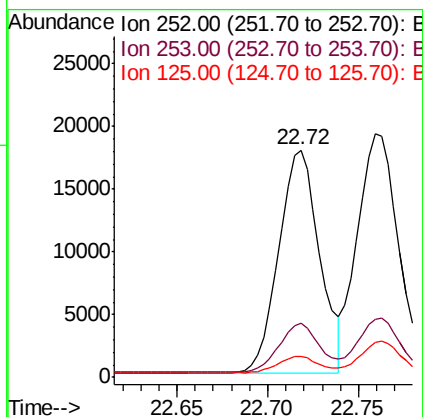
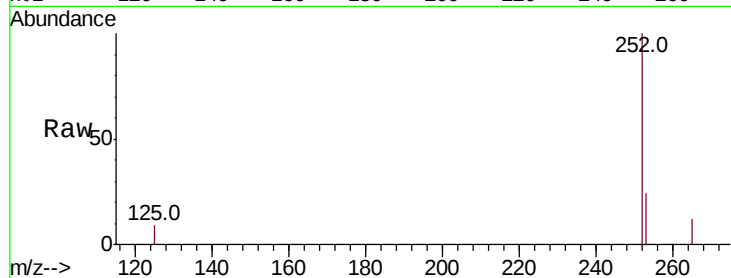




#35
Benzo(b)fluoranthene
Concen: 0.351 ng
RT: 22.72 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

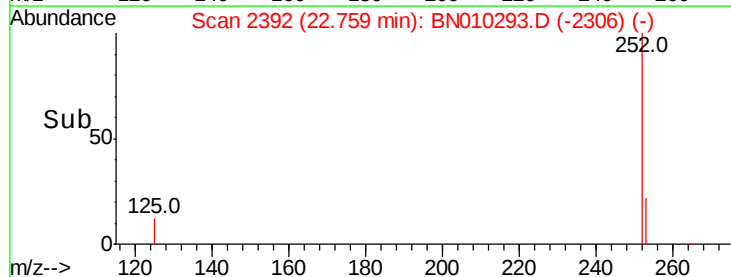
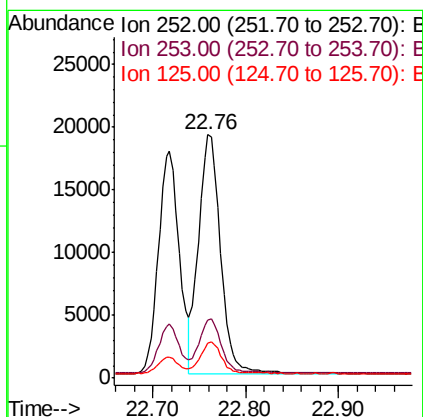
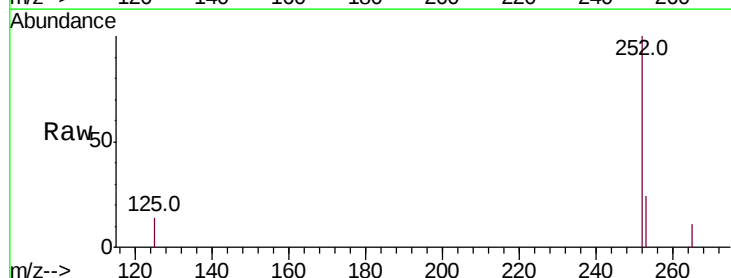
Instrument :
BNA_N
ClientSampleId :

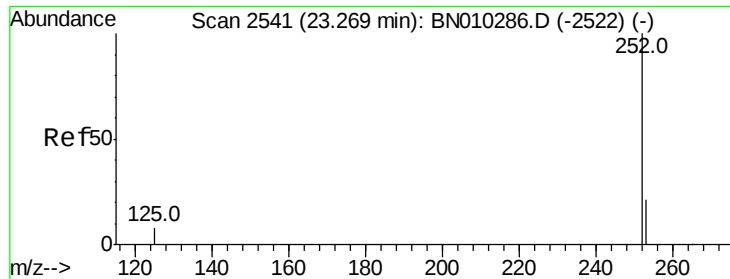
Tot Ion:252 Resp: 27882
Ion Ratio Lower Upper
252 100
253 23.8 19.2 28.8
125 9.2 7.4 11.0



#36
Benzo(k)fluoranthene
Concen: 0.387 ng
RT: 22.76 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BN010293.D
Acq: 19 Mar 2020 18:02

Tgt Ion:252 Resp: 31325
Ion Ratio Lower Upper
252 100
253 24.0 19.4 29.0
125 14.1 10.2 15.2





#37

Benzo(a)pyrene

Concen: 0.364 ng

RT: 23.27 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BN010293.D

Acq: 19 Mar 2020 18:02

Instrument :

BNA_N

ClientSampleId :

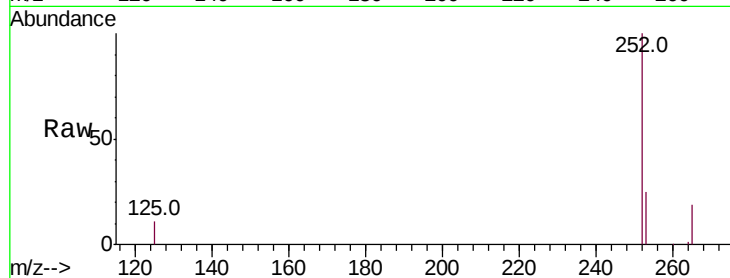
Tot Ion:252 Resp: 24442

Ion Ratio Lower Upper

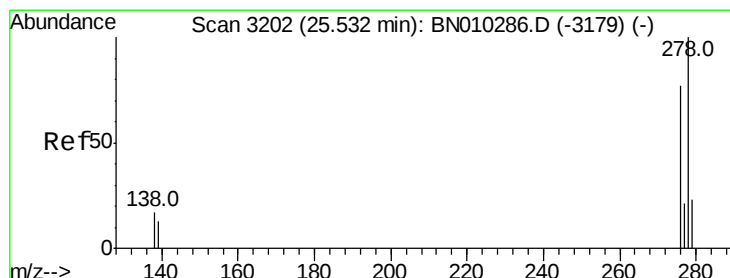
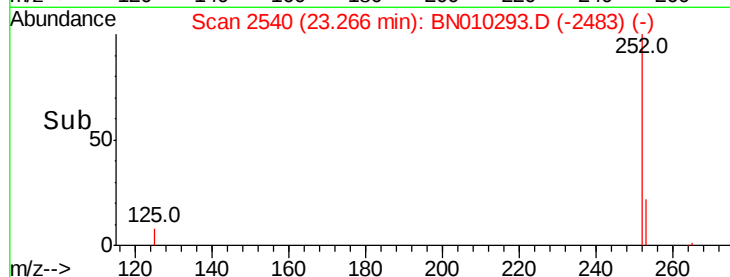
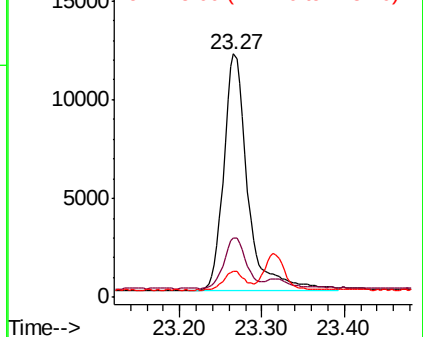
252 100

253 24.6 19.9 29.9

125 10.5 8.9 13.3



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



#38

Dibenzo(a,h)anthracene

Concen: 0.416 ng

RT: 25.52 min Scan# 3200

Delta R.T. -0.01 min

Lab File: BN010293.D

Acq: 19 Mar 2020 18:02

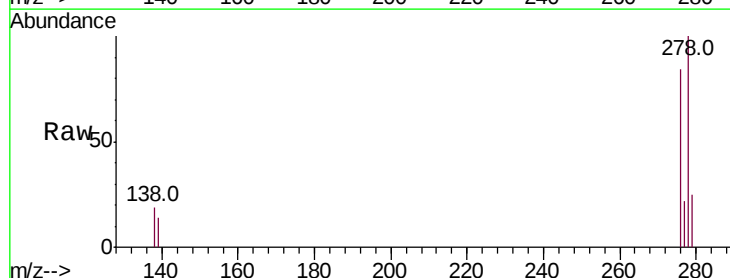
Tgt Ion:278 Resp: 30183

Ion Ratio Lower Upper

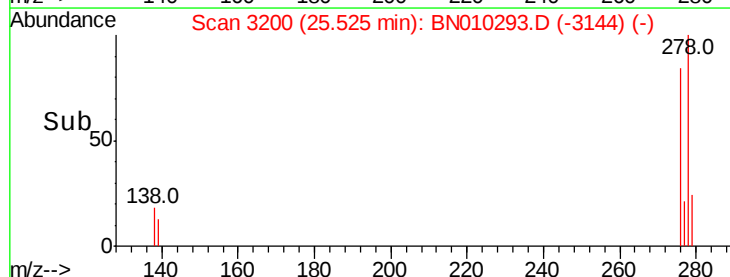
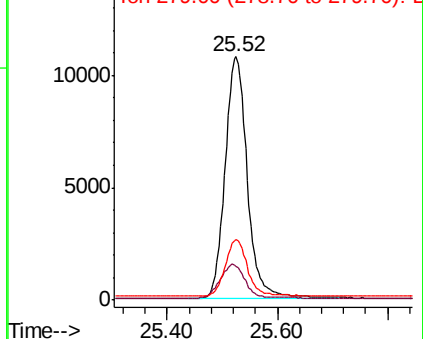
278 100

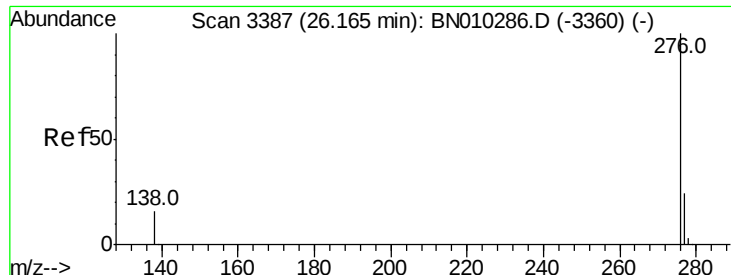
139 13.9 10.6 16.0

279 25.0 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.382 ng

RT: 26.16 min Scan# 3385

Delta R.T. -0.01 min

Lab File: BN010293.D

Acq: 19 Mar 2020 18:02

Instrument :

BNA_N

ClientSampleId :

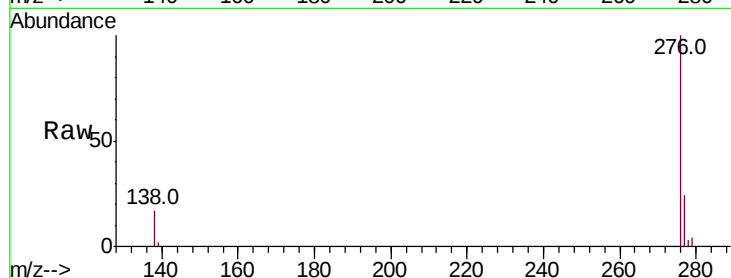
Tot Ion:276 Resp: 27932

Ion Ratio Lower Upper

276 100

277 24.2 19.6 29.4

138 17.5 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

