

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
 Data File : BN010295.D
 Acq On : 19 Mar 2020 19:15
 Operator : CG/JU
 Sample : PB127689BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB127689BSD

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4376	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	15098	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	9093	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	21139	0.40	ng	0.00
27) Chrysene-d12	21.19	240	22820	0.40	ng	0.00
34) Perylene-d12	23.37	264	25030	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	3433	0.40	ng	0.00
5) Phenol-d6	6.80	99	4343	0.40	ng	0.00
8) Nitrobenzene-d5	8.74	82	3736	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	9431	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1242	0.36	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	14456	0.42	ng	0.00
25) Fluoranthene-d10	19.02	212	23998	0.38	ng	0.00
29) Terphenyl-d14	19.63	244	19663	0.40	ng	0.00

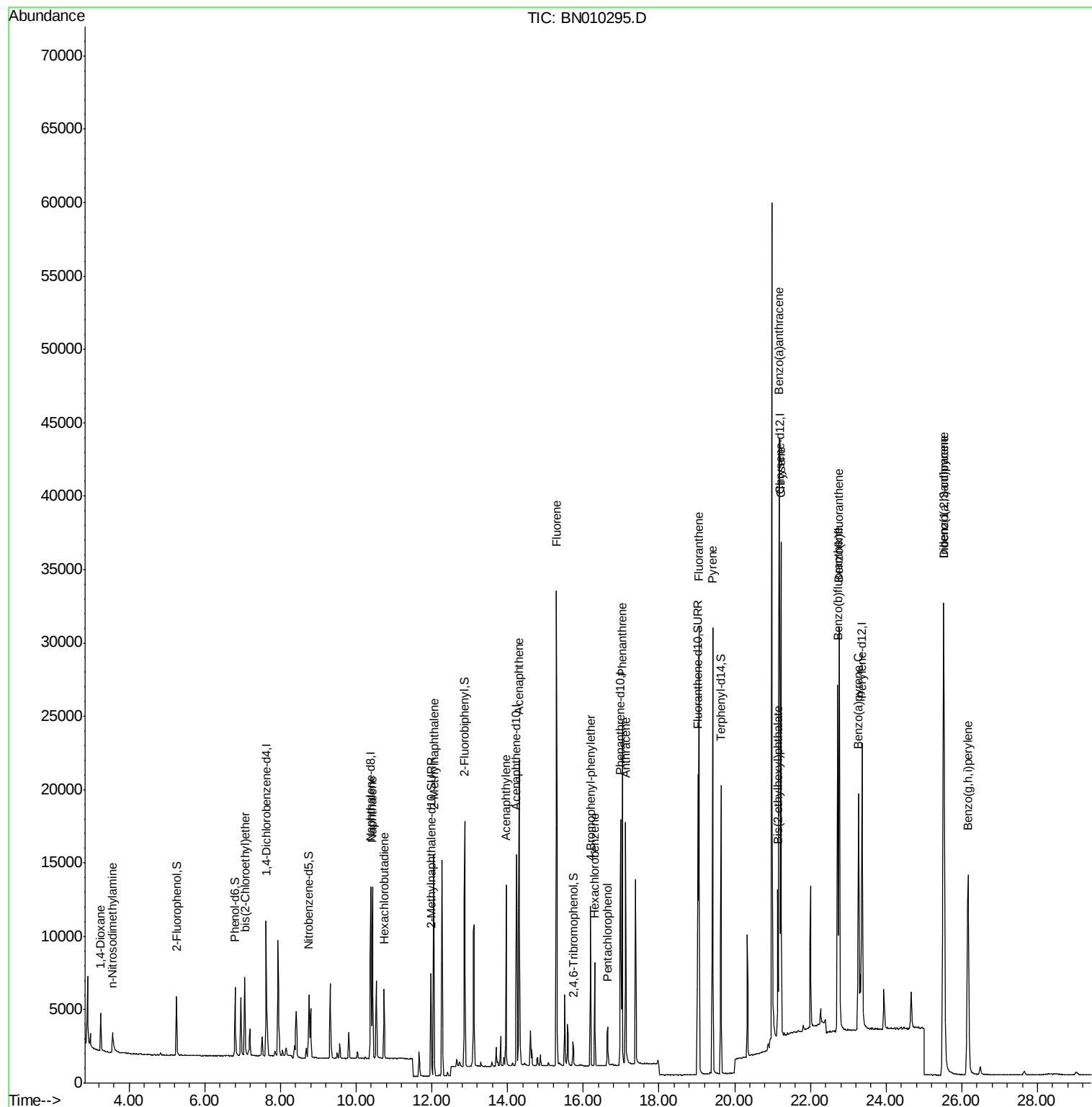
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	1673	0.407	ng	98
3) n-Nitrosodimethylamine	3.56	42	1263	0.364	ng	# 99
6) bis(2-Chloroethyl)ether	7.06	93	4225	0.408	ng	99
9) Naphthalene	10.43	128	15186	0.403	ng	99
10) Hexachlorobutadiene	10.73	225	3681	0.403	ng	# 99
12) 2-Methylnaphthalene	12.05	142	10424	0.399	ng	98
16) Acenaphthylene	13.96	152	13454	0.377	ng	99
17) Acenaphthene	14.30	154	10023	0.394	ng	100
18) Fluorene	15.29	166	13109	0.388	ng	100
20) 4-Bromophenyl-phenylether	16.19	248	5057	0.394	ng	98
21) Hexachlorobenzene	16.31	284	5344	0.406	ng	100
22) Pentachlorophenol	16.65	266	1494	0.331	ng	96
23) Phenanthrene	17.03	178	23229	0.400	ng	100
24) Anthracene	17.11	178	18770	0.378	ng	100
26) Fluoranthene	19.05	202	27715	0.389	ng	100
28) Pyrene	19.42	202	27774	0.391	ng	100
30) Benzo(a)anthracene	21.17	228	28169	0.388	ng	99
31) Chrysene	21.23	228	31197	0.400	ng	99
32) Bis(2-ethylhexyl)phthalate	21.13	149	9011	0.367	ng	99
33) Indeno(1,2,3-cd)pyrene	25.51	276	38249	0.458	ng	99
35) Benzo(b)fluoranthene	22.72	252	30000	0.353	ng	99
36) Benzo(k)fluoranthene	22.76	252	32878	0.380	ng	98
37) Benzo(a)pyrene	23.27	252	26086	0.364	ng	99
38) Dibenzo(a,h)anthracene	25.53	278	31559	0.407	ng	99
39) Benzo(g,h,i)perylene	26.17	276	29116	0.373	ng	99

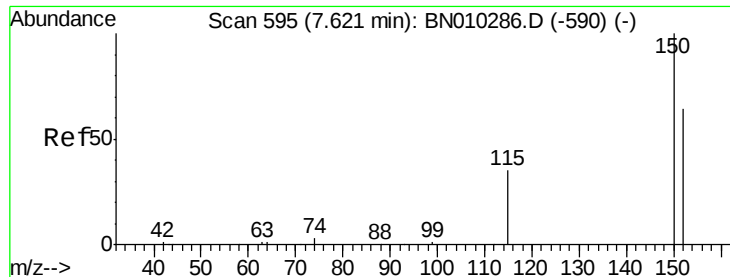
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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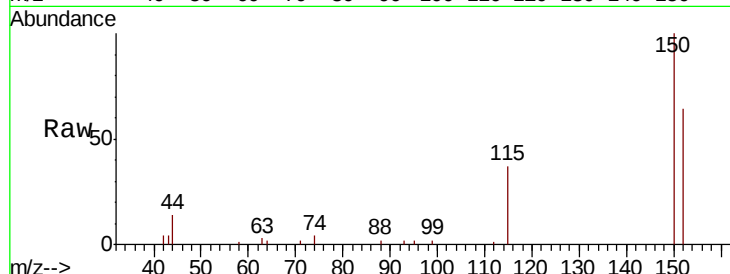


#1

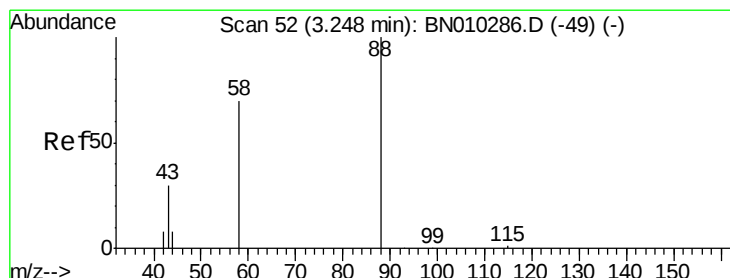
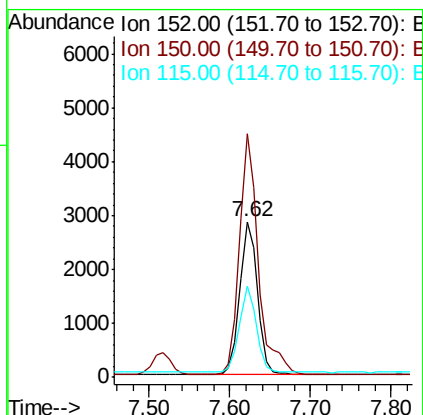
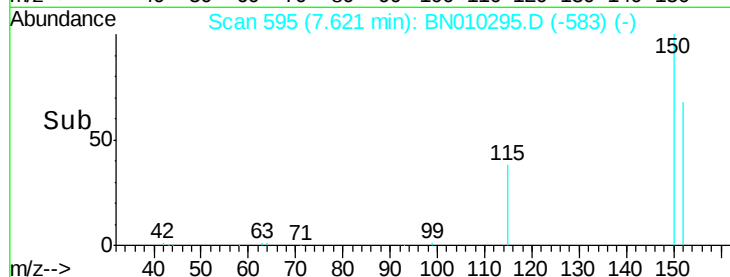
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. 0.00 min
Lab File: BN010295.D
Acq: 19 Mar 2020 19:15

Instrument :
BNA_N
ClientSampleId :
PB127689BSD

Tot Ion:152 Resp: 4376
Ion Ratio Lower Upper
152 100
150 156.5 123.1 184.7
115 58.4 45.2 67.8



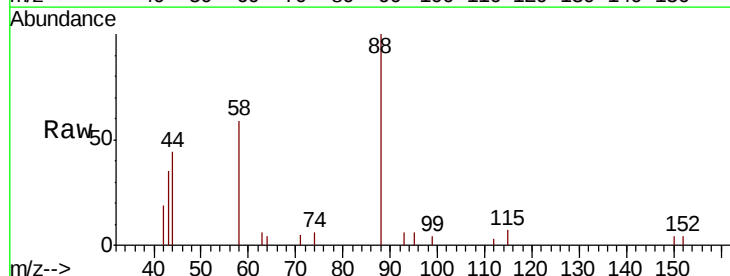
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



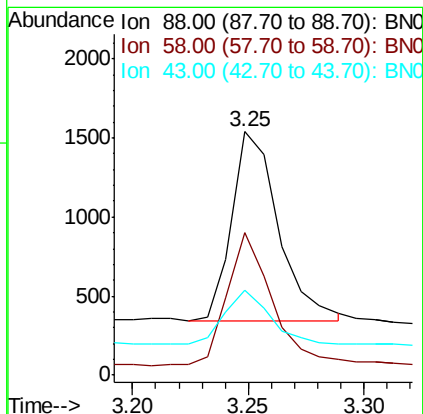
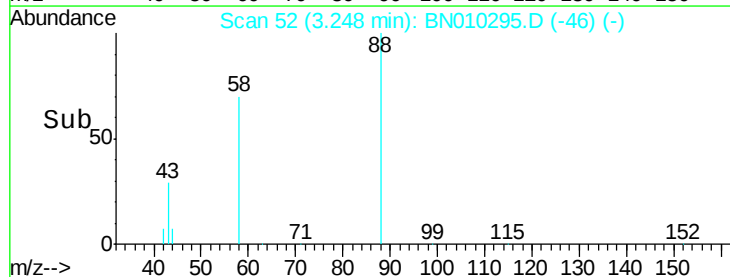
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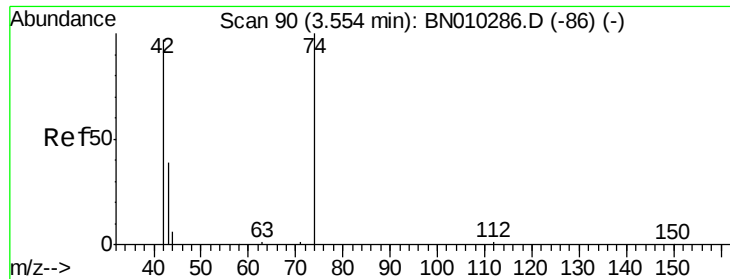
1,4-Dioxane
Concen: 0.407 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.00 min
Lab File: BN010295.D
Acq: 19 Mar 2020 19:15

Tgt Ion: 88 Resp: 1673
Ion Ratio Lower Upper
88 100
58 66.6 51.7 77.5
43 27.4 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: 0.364 ng

RT: 3.56 min Scan# 91

Delta R.T. 0.01 min

Lab File: BN010295.D

Acq: 19 Mar 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB127689BSD

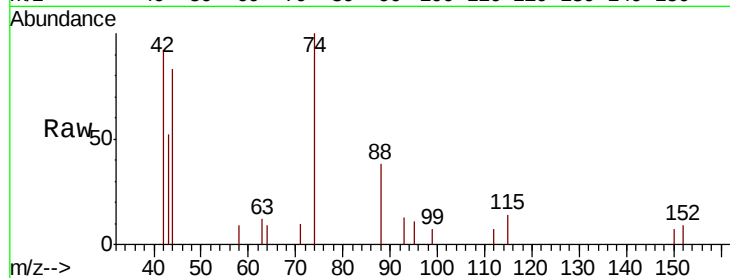
Tot Ion: 42 Resp: 1263

Ion Ratio Lower Upper

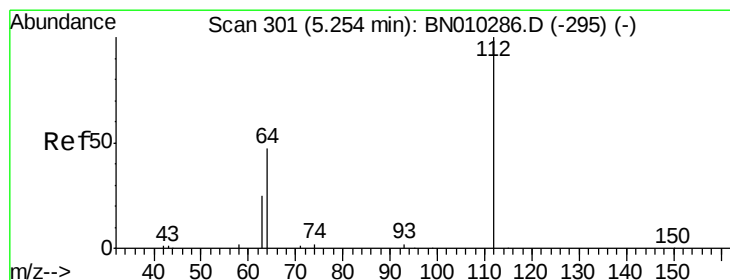
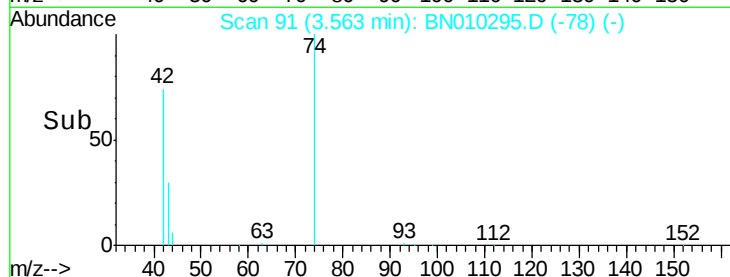
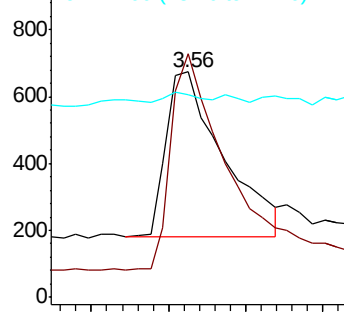
42 100

74 124.9 99.4 149.0

44 3.3 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: BN010295.D

Acq: 19 Mar 2020 19:15

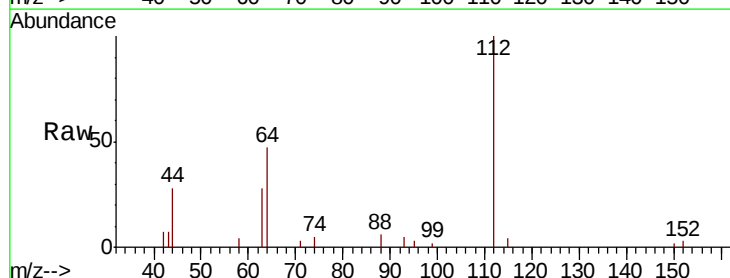
Tgt Ion: 112 Resp: 3433

Ion Ratio Lower Upper

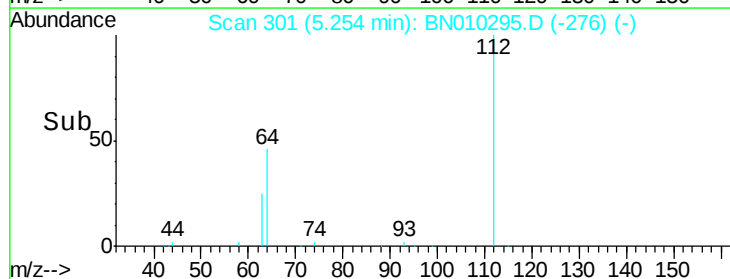
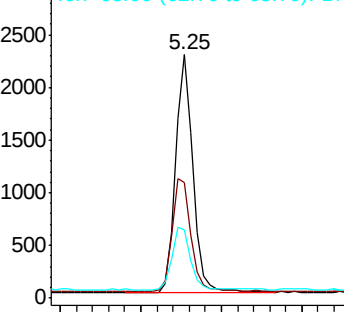
112 100

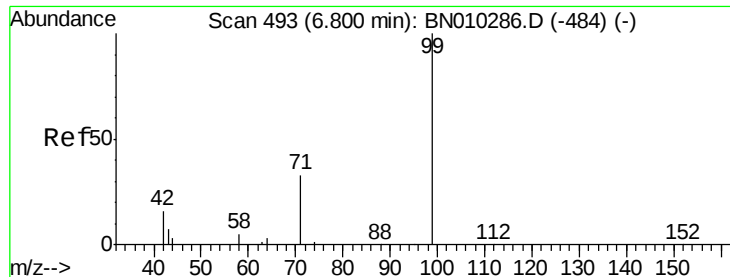
64 50.8 41.4 62.2

63 28.2 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: 0.403 ng

RT: 6.80 min Scan# 493

Delta R.T. 0.00 min

Lab File: BN010295.D

Acq: 19 Mar 2020 19:15

Instrument :

BNA_N

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PB127689BSD

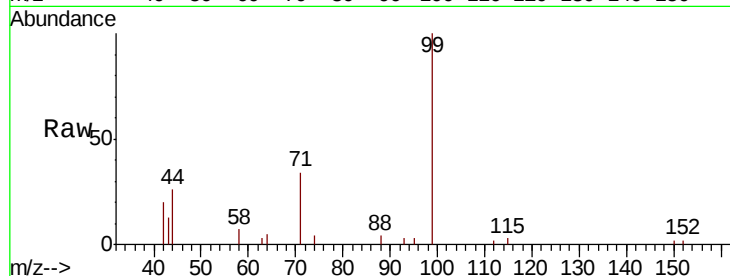
Tot Ion: 99 Resp: 4343

Ion Ratio Lower Upper

99 100

42 20.3 14.8 22.2

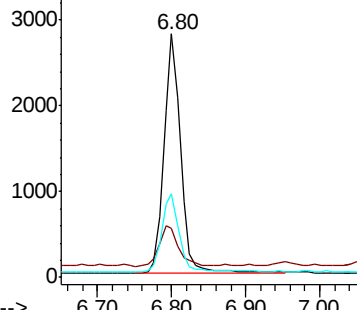
71 33.0 27.3 40.9



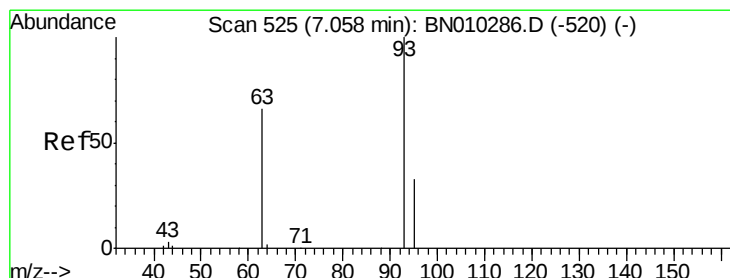
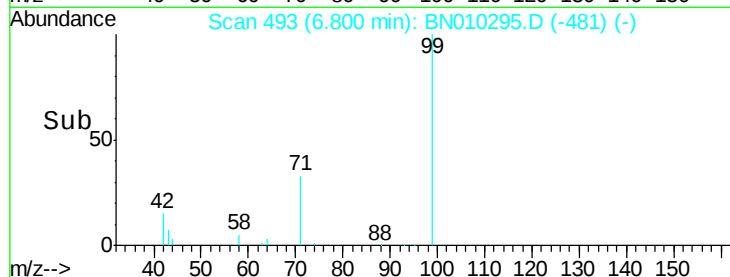
Abundance Ion 99.00 (98.70 to 99.70): BN010286.D (-484) (-)

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

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



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.408 ng

RT: 7.06 min Scan# 525

Delta R.T. 0.00 min

Lab File: BN010295.D

Acq: 19 Mar 2020 19:15

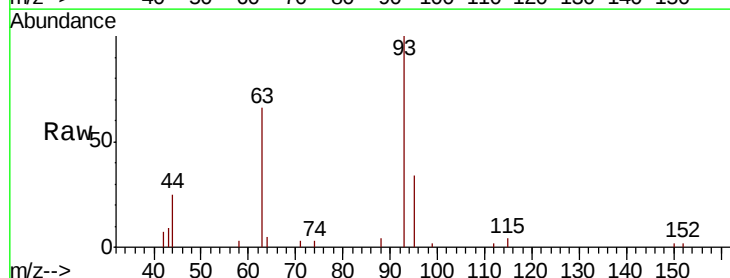
Tgt Ion: 93 Resp: 4225

Ion Ratio Lower Upper

93 100

63 69.8 55.6 83.4

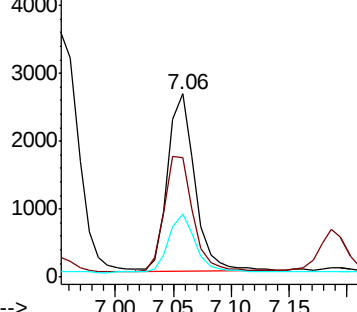
95 33.4 26.2 39.4



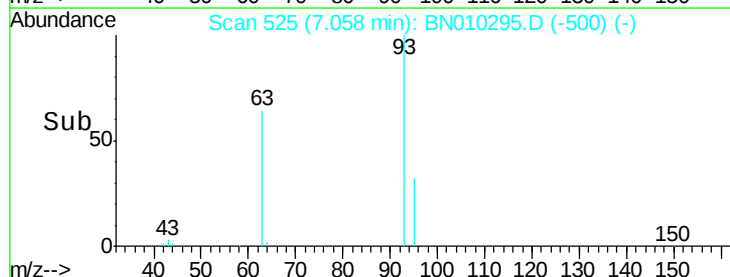
Abundance Ion 93.00 (92.70 to 93.70): BN010286.D (-520) (-)

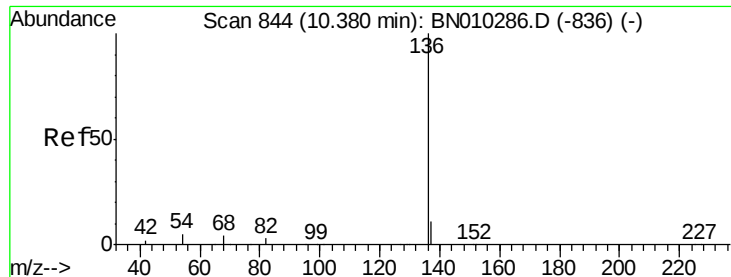
Ion 63.00 (62.70 to 63.70): BN010286.D (-520) (-)

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



Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. 0.00 min

Lab File: BN010295.D

Acq: 19 Mar 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB127689BSD

Tot Ion:136 Resp: 15098

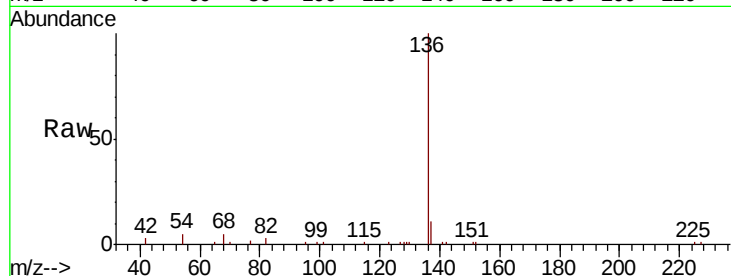
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 5.5 4.8 7.2

68 5.0 4.1 6.1

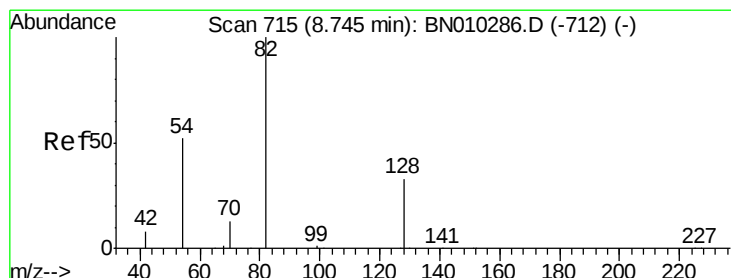
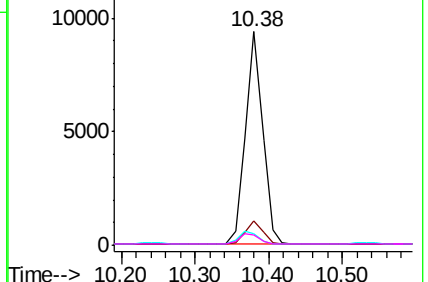
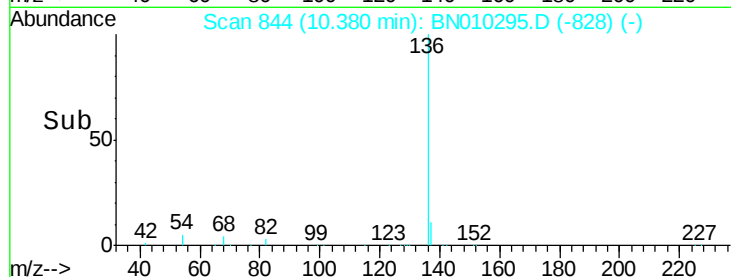


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.386 ng

RT: 8.74 min Scan# 715

Delta R.T. 0.00 min

Lab File: BN010295.D

Acq: 19 Mar 2020 19:15

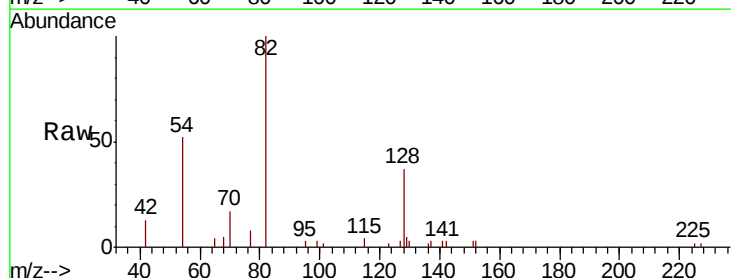
Tgt Ion: 82 Resp: 3736

Ion Ratio Lower Upper

82 100

128 36.7 28.8 43.2

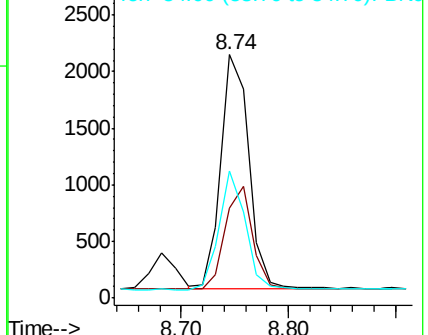
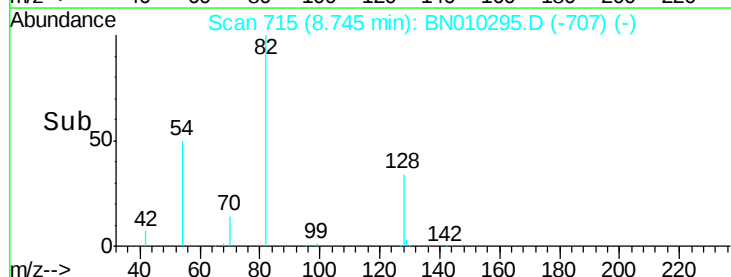
54 52.0 42.1 63.1

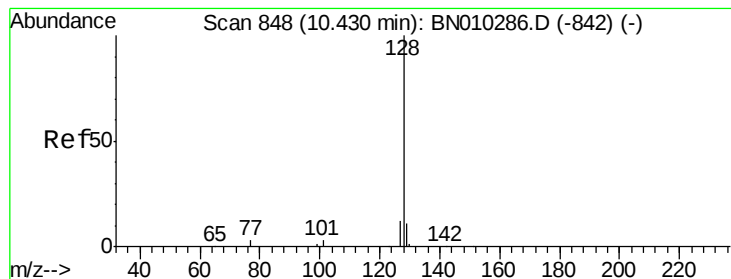


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.403 ng

RT: 10.43 min Scan# 848

Delta R.T. 0.00 min

Lab File: BN010295.D

Acq: 19 Mar 2020 19:15

Instrument :

BNA_N

ClientSampleId :

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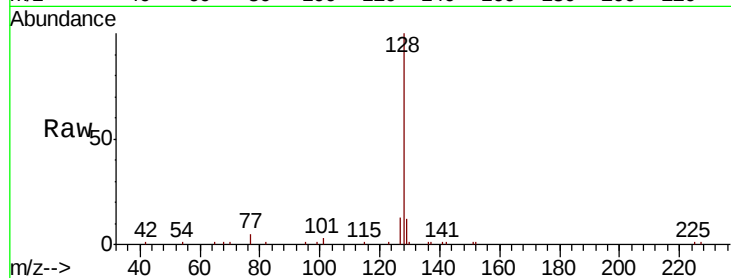
Tot Ion:128 Resp: 15186

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

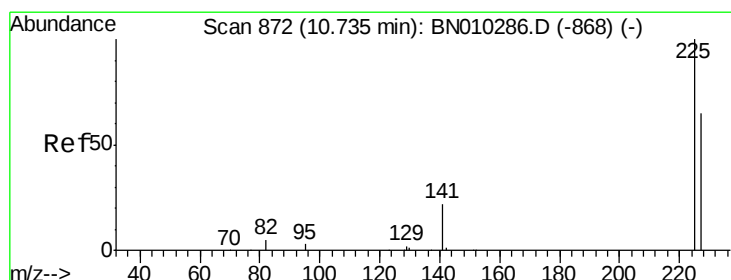
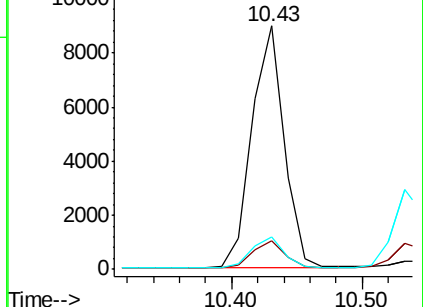
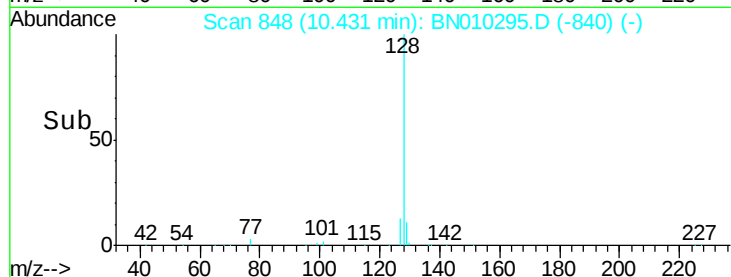
127 13.3 10.4 15.6



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: 0.403 ng

RT: 10.73 min Scan# 872

Delta R.T. 0.00 min

Lab File: BN010295.D

Acq: 19 Mar 2020 19:15

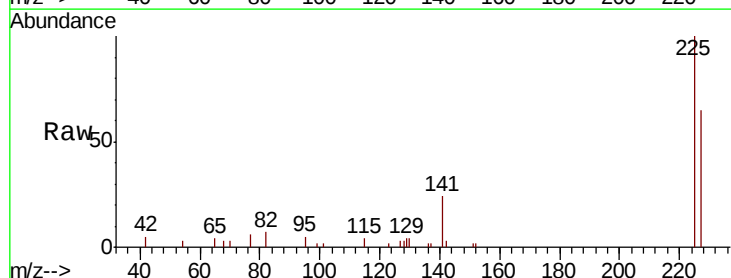
Tgt Ion:225 Resp: 3681

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

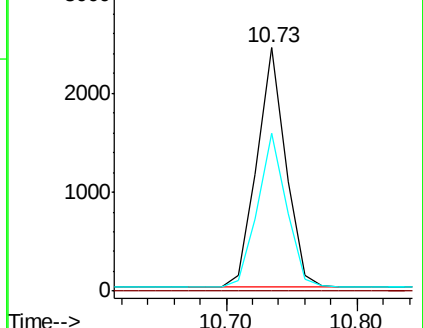
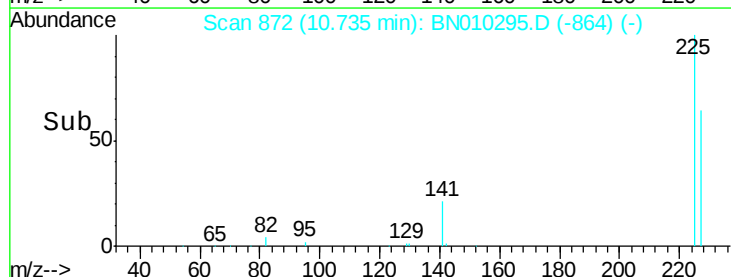
227 64.2 51.9 77.9

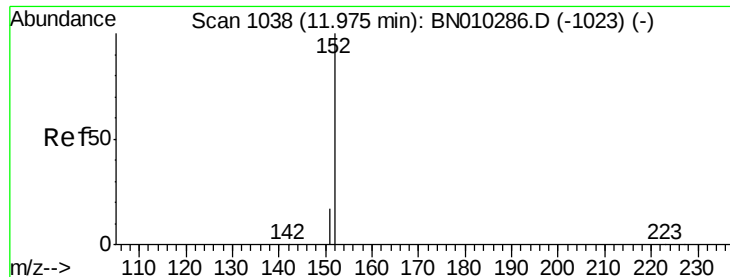


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

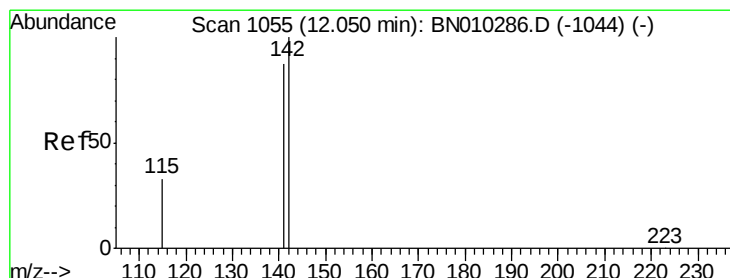
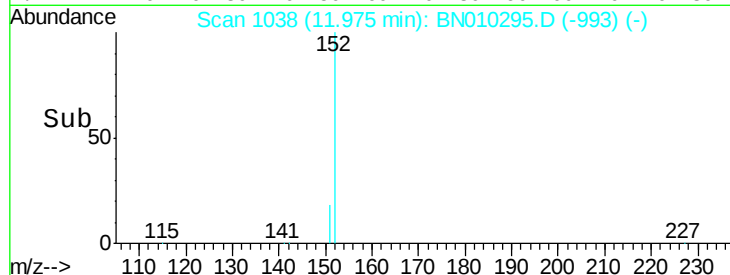
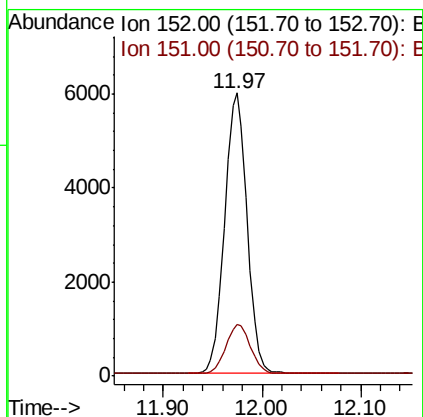
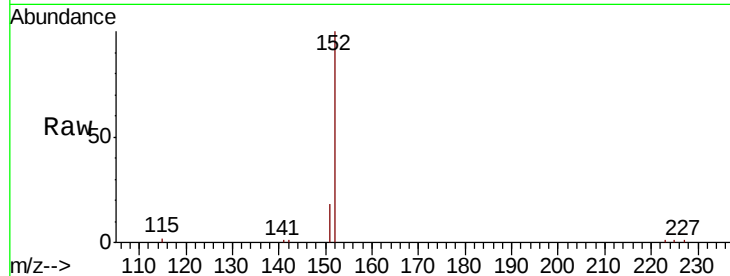




#11
 2-Methylnaphthalene-d10
 Concen: 0.391 ng
 RT: 11.97 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BN010295.D
 Acq: 19 Mar 2020 19:15

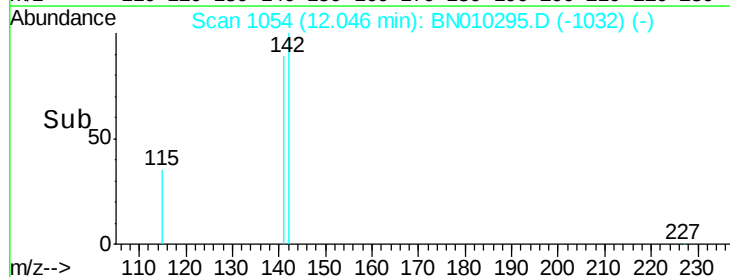
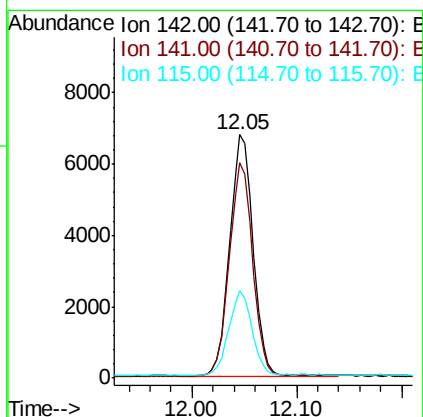
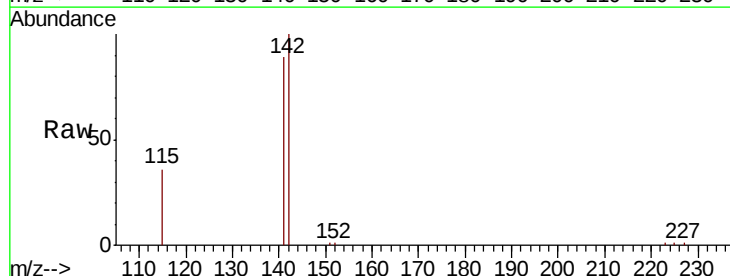
Instrument :
 BNA_N
 ClientSampleId :
 PB127689BSD

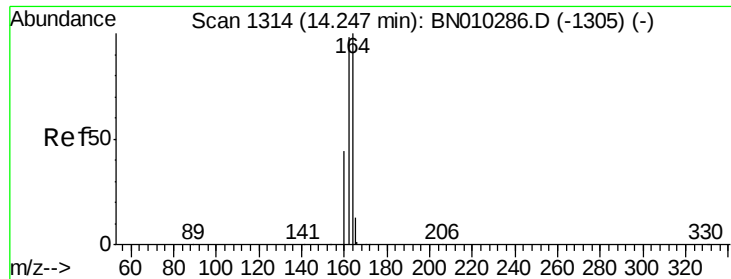
Tot Ion:152 Resp: 9431
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.4 23.2



#12
 2-Methylnaphthalene
 Concen: 0.399 ng
 RT: 12.05 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BN010295.D
 Acq: 19 Mar 2020 19:15

Tgt Ion:142 Resp: 10424
 Ion Ratio Lower Upper
 142 100
 141 88.8 69.5 104.3
 115 35.7 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: BN010295.D

Acq: 19 Mar 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB127689BSD

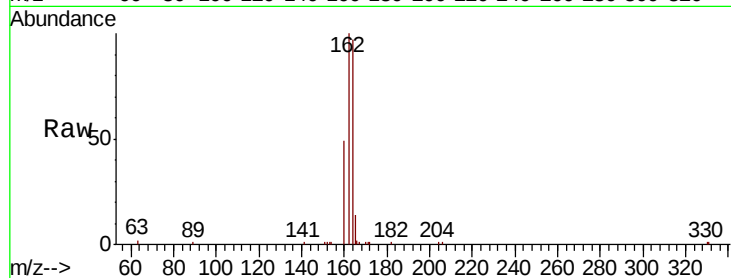
Tot Ion:164 Resp: 9093

Ion Ratio Lower Upper

164 100

162 102.9 78.2 117.2

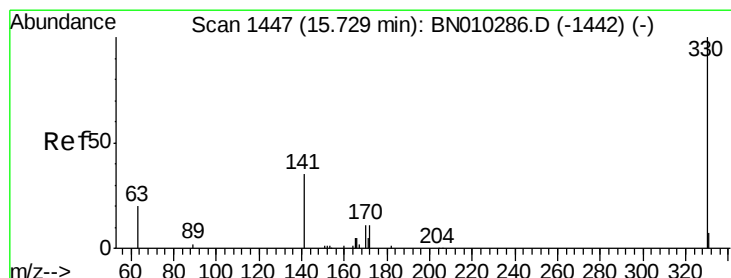
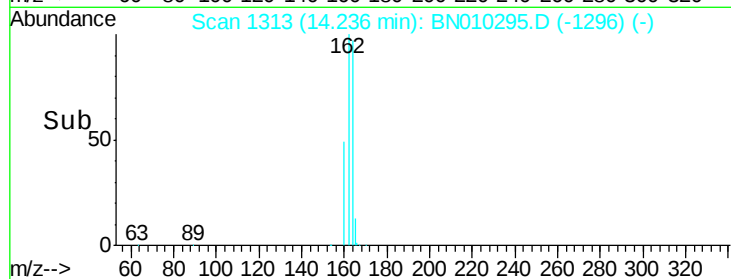
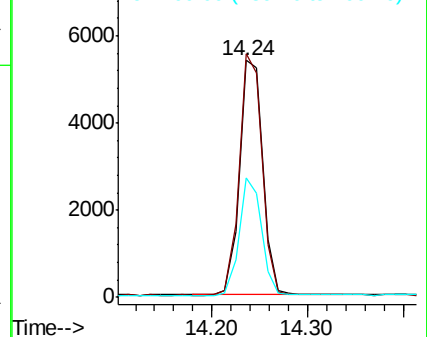
160 50.5 35.8 53.6



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: 0.355 ng

RT: 15.73 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BN010295.D

Acq: 19 Mar 2020 19:15

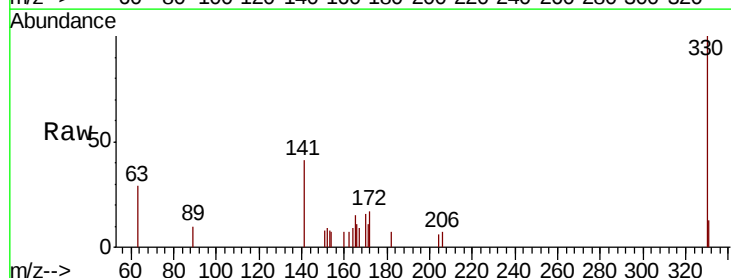
Tgt Ion:330 Resp: 1242

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

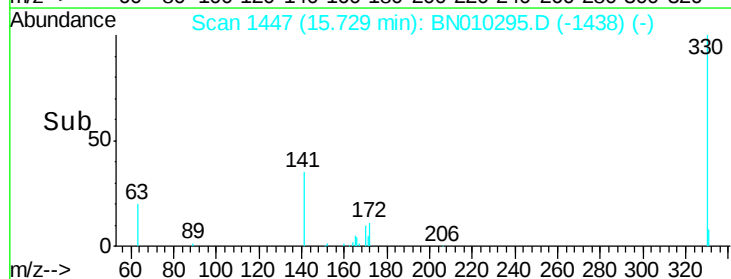
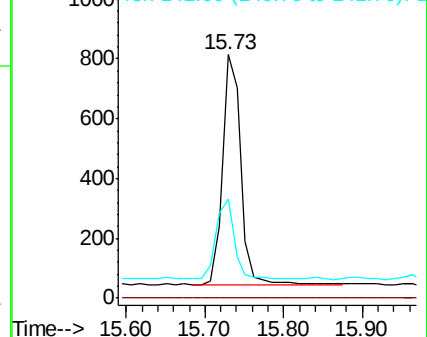
141 33.6 29.3 43.9

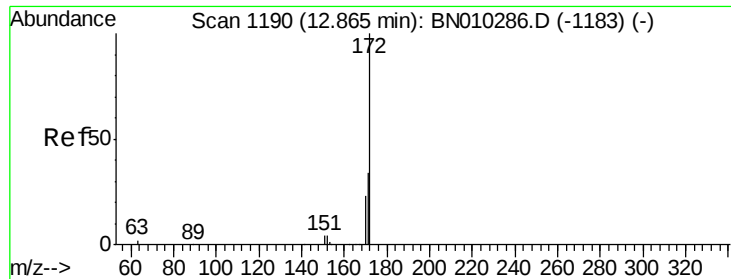


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

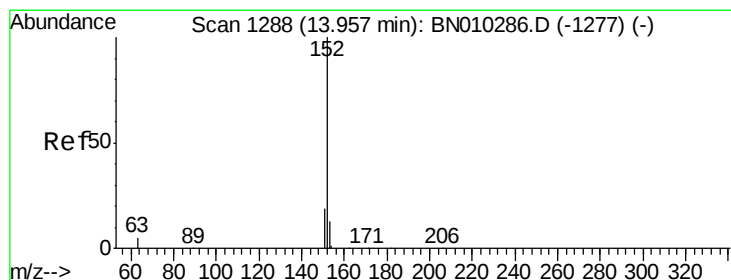
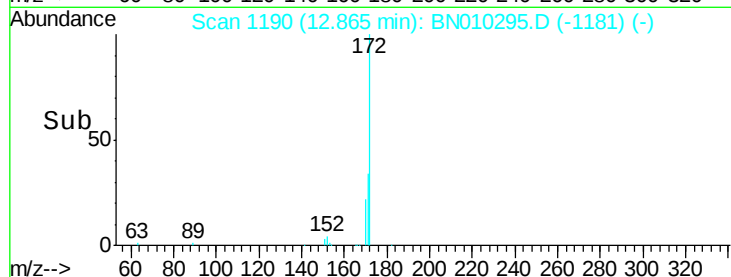
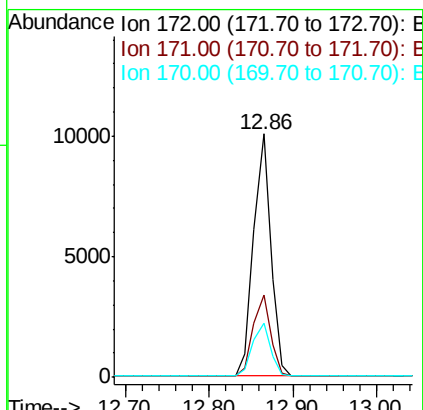
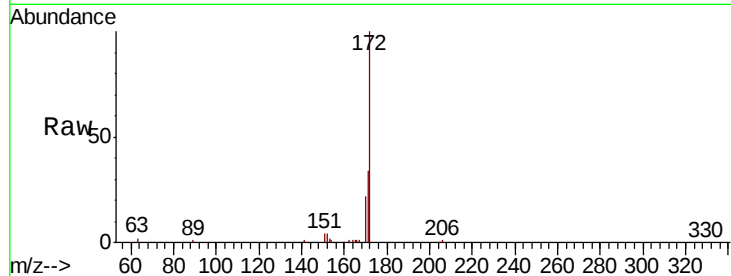




#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 12.86 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BN010295.D
Acq: 19 Mar 2020 19:15

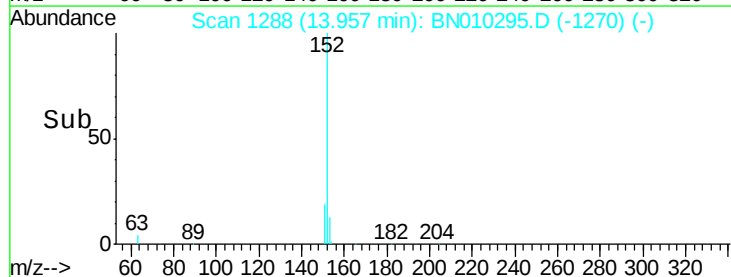
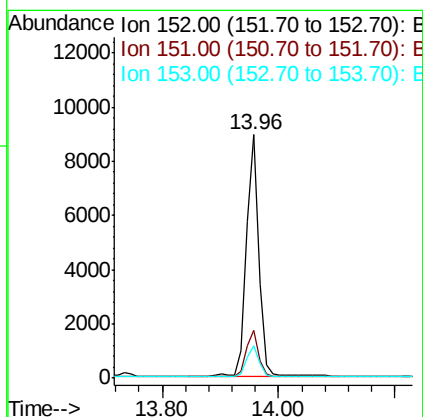
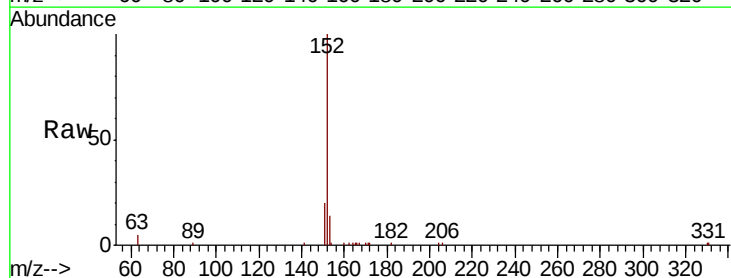
Instrument :
BNA_N
ClientSampleId :
PB127689BSD

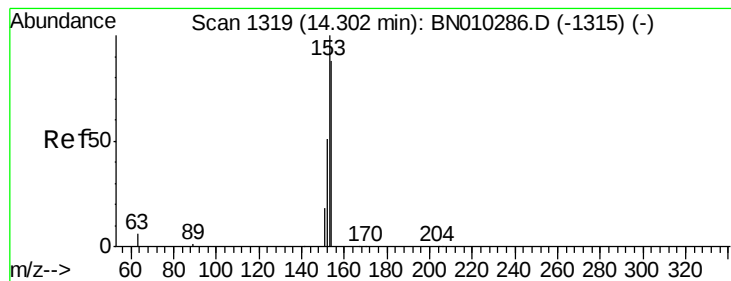
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.6	41.4
170	22.2	18.5	27.7



#16
Acenaphthylene
Concen: 0.377 ng
RT: 13.96 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BN010295.D
Acq: 19 Mar 2020 19:15

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





#17

Acenaphthene

Concen: 0.394 ng

RT: 14.30 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BN010295.D

Acq: 19 Mar 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB127689BSD

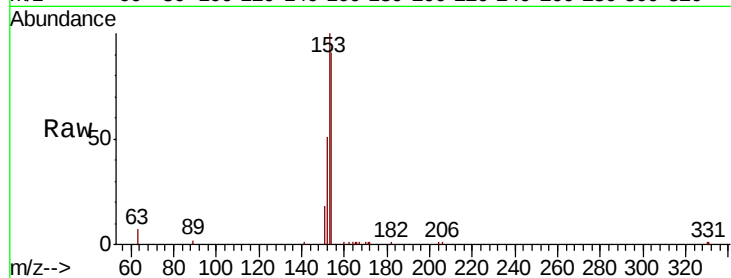
Tot Ion:154 Resp: 10023

Ion Ratio Lower Upper

154 100

153 109.9 88.1 132.1

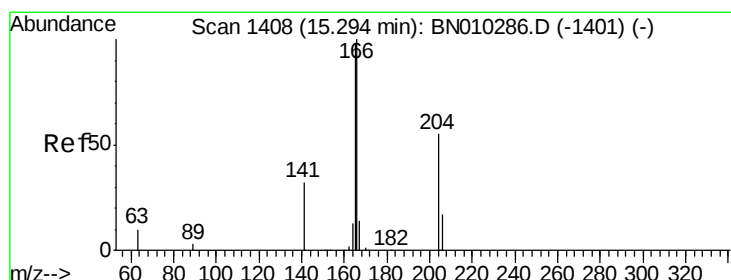
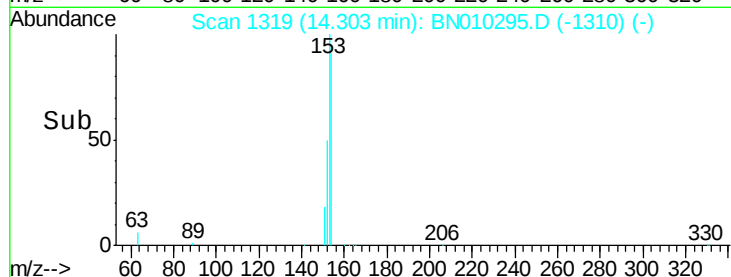
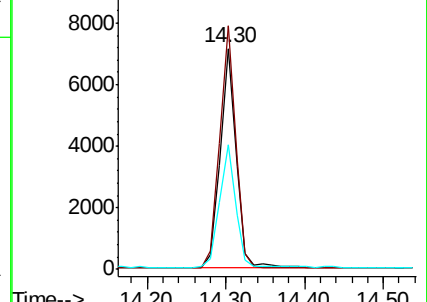
152 56.4 45.5 68.3



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: 0.388 ng

RT: 15.29 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BN010295.D

Acq: 19 Mar 2020 19:15

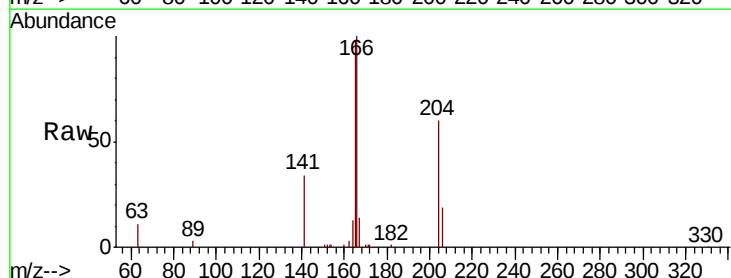
Tgt Ion:166 Resp: 13109

Ion Ratio Lower Upper

166 100

165 98.2 78.7 118.1

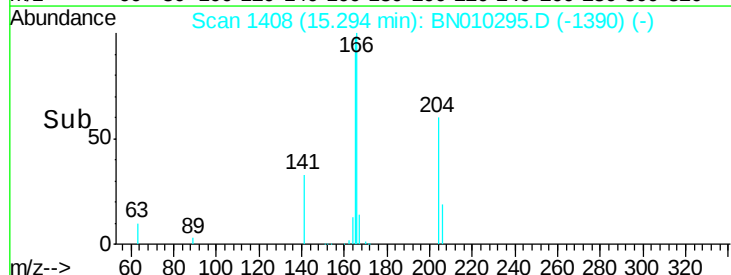
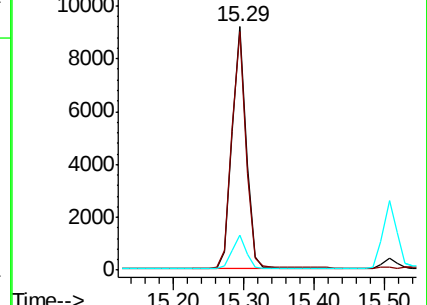
167 13.6 11.0 16.4

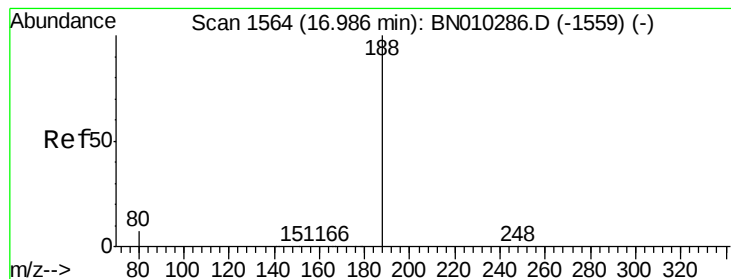


Abundance Ion 166.00 (165.70 to 166.70): E

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: BN010295.D

Acq: 19 Mar 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB127689BSD

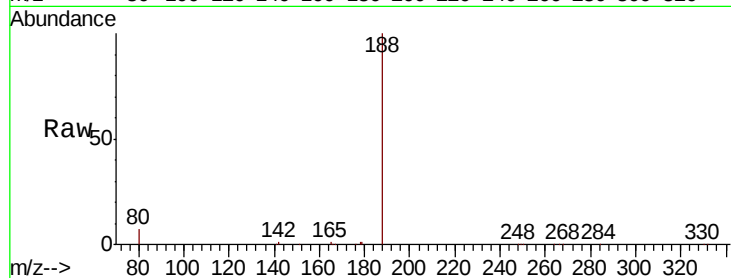
Tot Ion:188 Resp: 21139

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

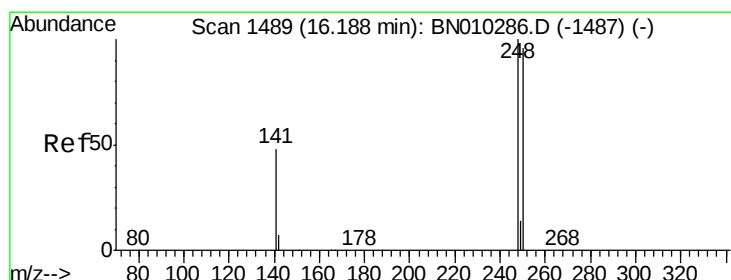
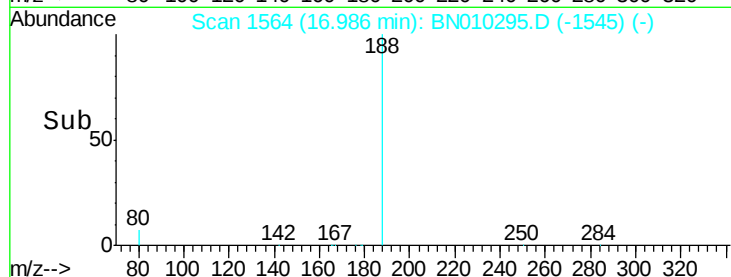
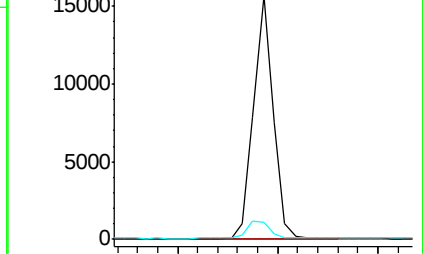
80 7.2 6.0 9.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#20

4-Bromophenyl-phenylether

Concen: 0.394 ng

RT: 16.19 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BN010295.D

Acq: 19 Mar 2020 19:15

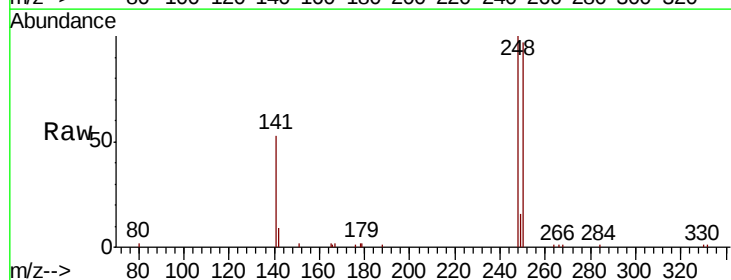
Tgt Ion:248 Resp: 5057

Ion Ratio Lower Upper

248 100

250 96.6 76.8 115.2

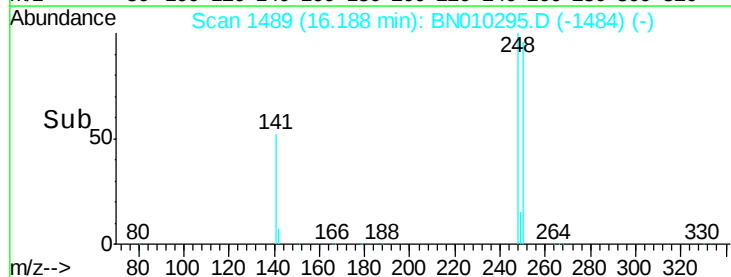
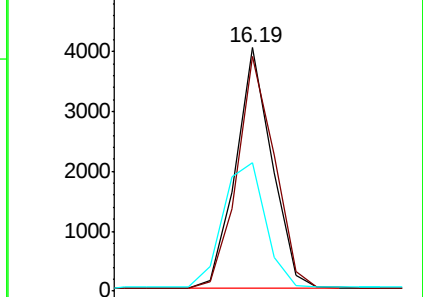
141 52.9 44.4 66.6

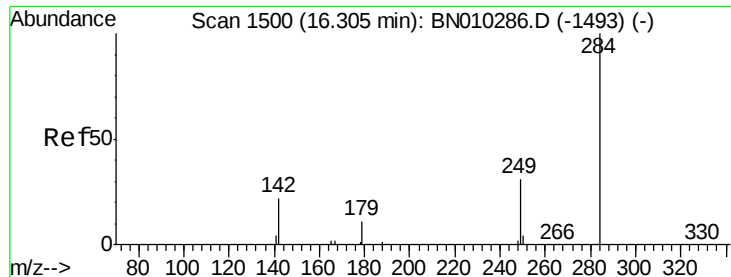


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

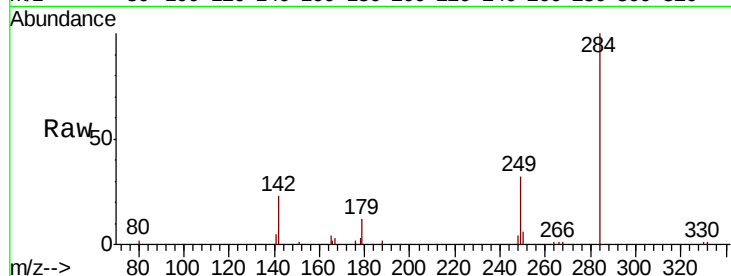




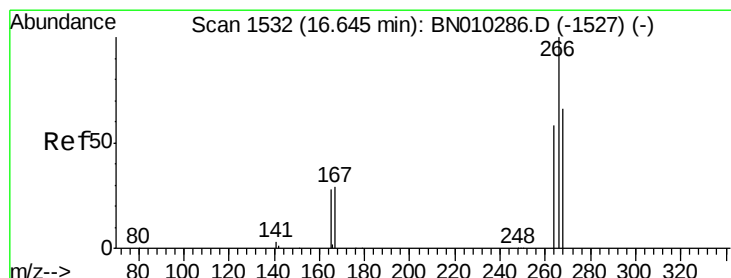
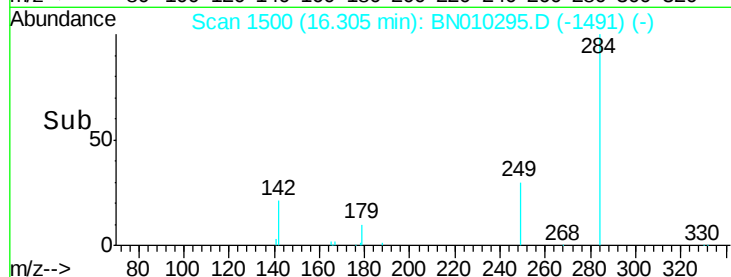
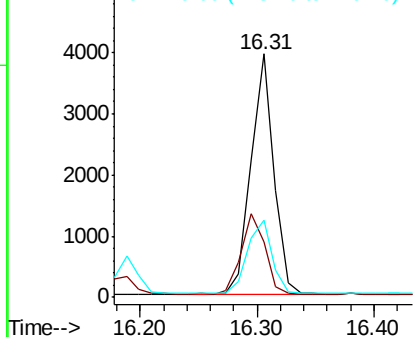
#21
Hexachlorobenzene
Concen: 0.406 ng
RT: 16.31 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BN010295.D
Acq: 19 Mar 2020 19:15

Instrument :
BNA_N
ClientSampleId :
PB127689BSD

Tot Ion:284 Resp: 5344
Ion Ratio Lower Upper
284 100
142 34.2 27.4 41.2
249 33.2 26.5 39.7

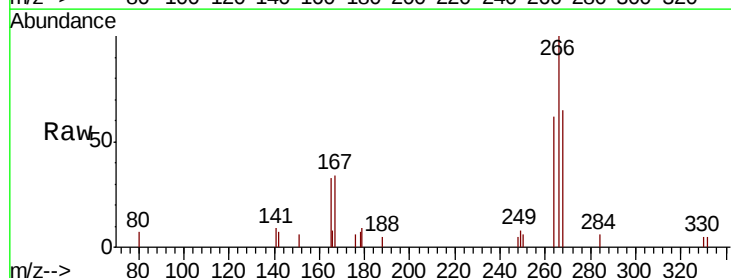


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

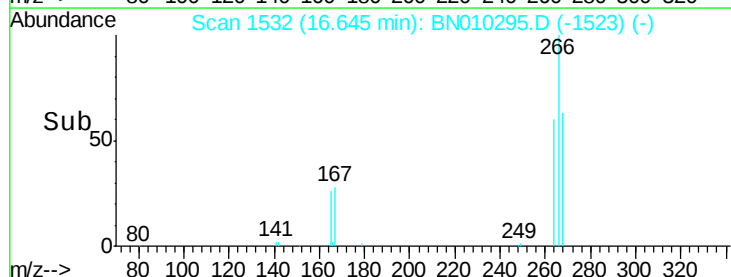
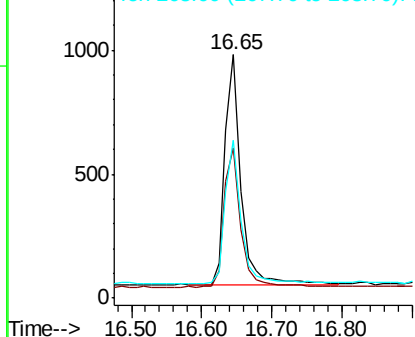


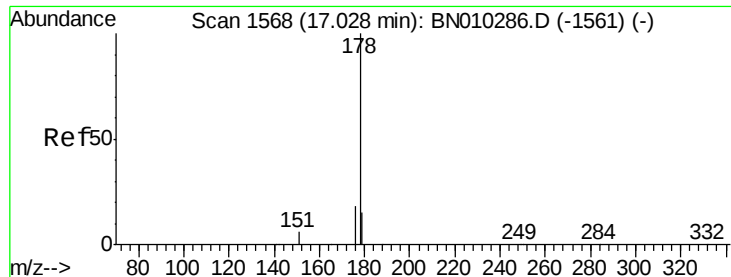
#22
Pentachlorophenol
Concen: 0.331 ng
RT: 16.65 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BN010295.D
Acq: 19 Mar 2020 19:15

Tgt Ion:266 Resp: 1494
Ion Ratio Lower Upper
266 100
264 61.6 47.7 71.5
268 65.1 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: 0.400 ng

RT: 17.03 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BN010295.D

Acq: 19 Mar 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB127689BSD

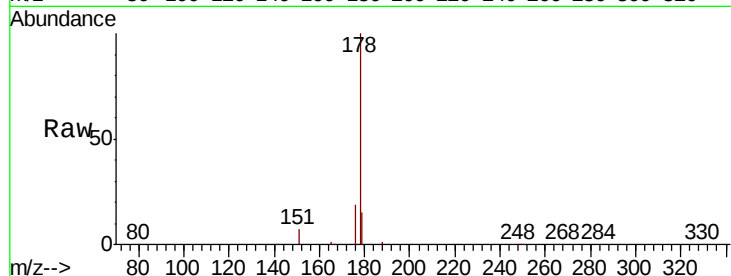
Tot Ion:178 Resp: 23229

Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

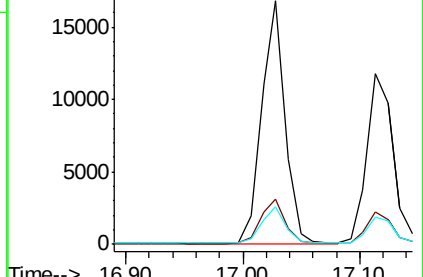
179 15.3 12.4 18.6



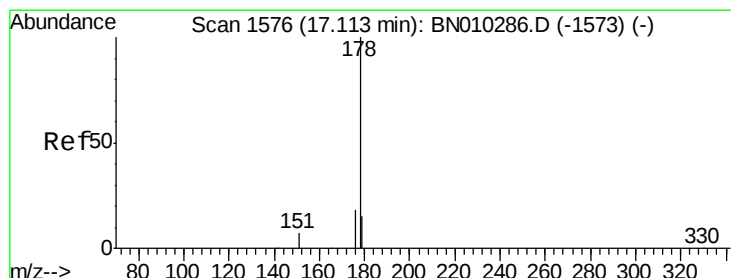
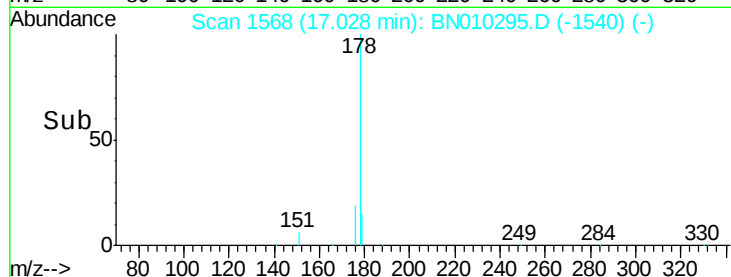
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.378 ng

RT: 17.11 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BN010295.D

Acq: 19 Mar 2020 19:15

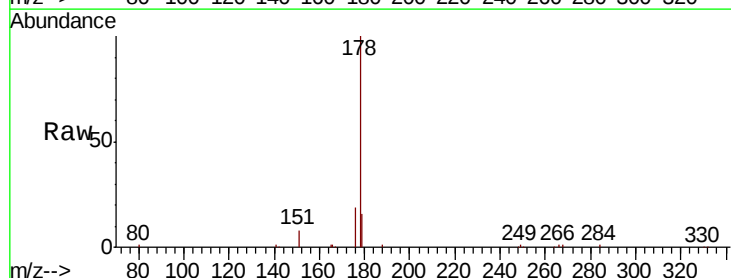
Tgt Ion:178 Resp: 18770

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

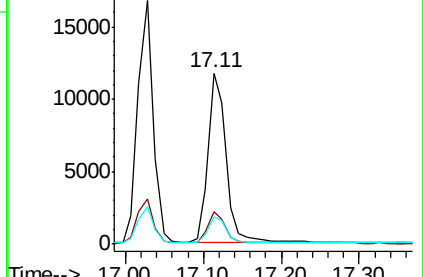
179 15.4 12.3 18.5



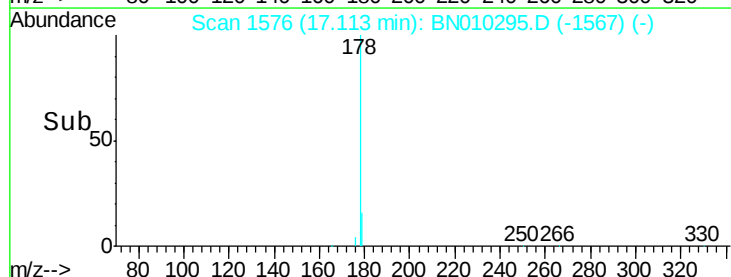
Abundance Ion 178.00 (177.70 to 178.70): E

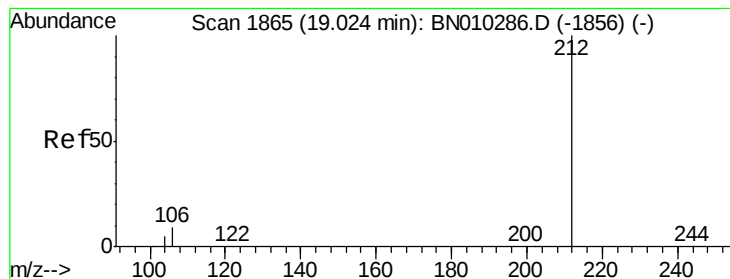
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#25

Fluoranthene-d10

Concen: 0.376 ng

RT: 19.02 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BN010295.D

Acq: 19 Mar 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB127689BSD

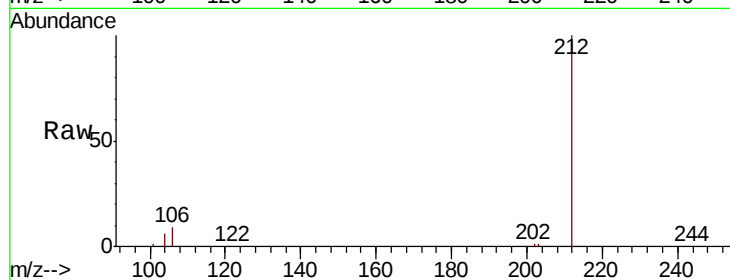
Tot Ion:212 Resp: 23998

Ion Ratio Lower Upper

212 100

106 9.4 7.4 11.2

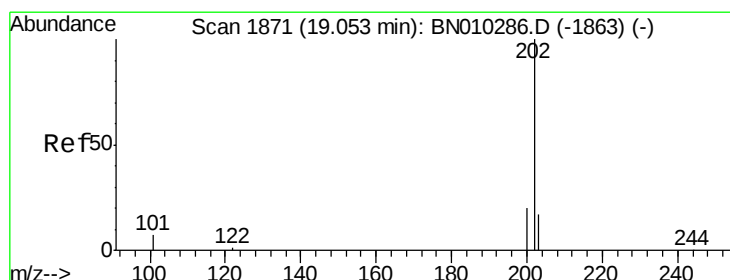
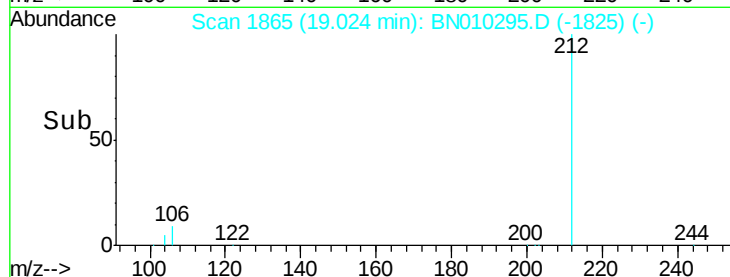
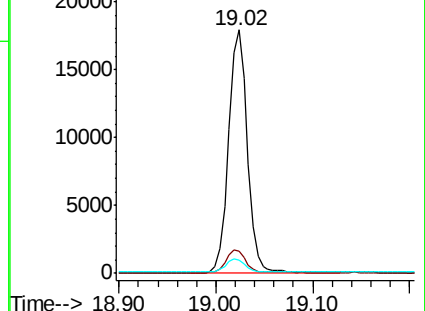
104 5.5 4.2 6.4



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: 0.389 ng

RT: 19.05 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BN010295.D

Acq: 19 Mar 2020 19:15

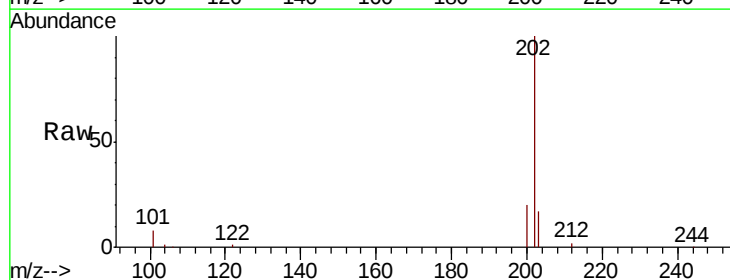
Tgt Ion:202 Resp: 27715

Ion Ratio Lower Upper

202 100

101 8.1 6.6 9.8

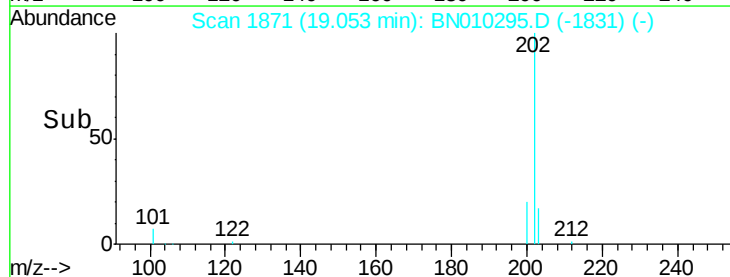
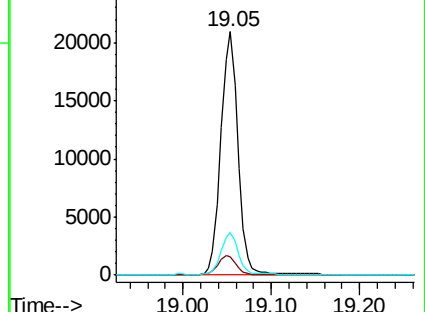
203 17.1 13.8 20.8

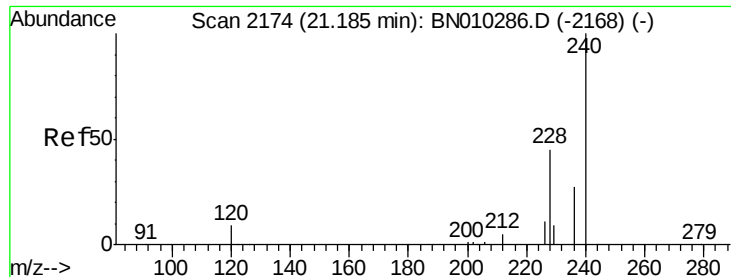


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

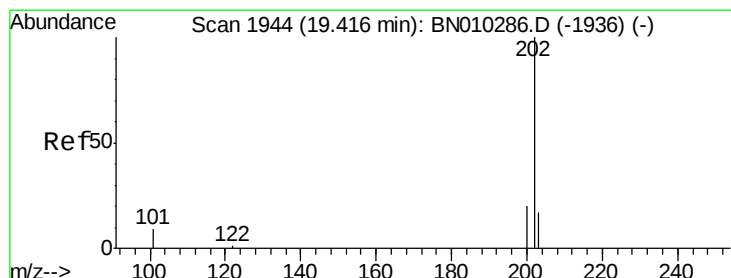
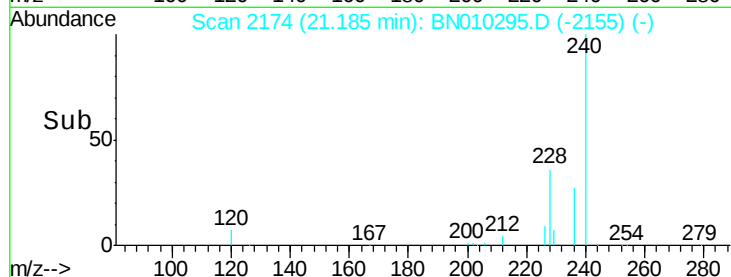
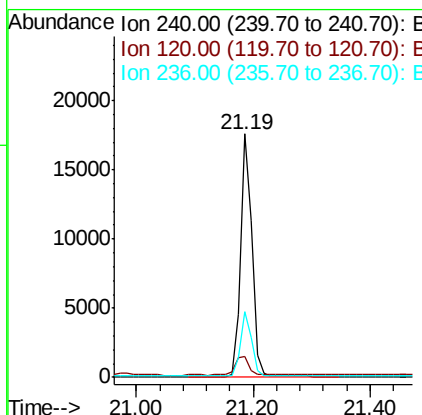
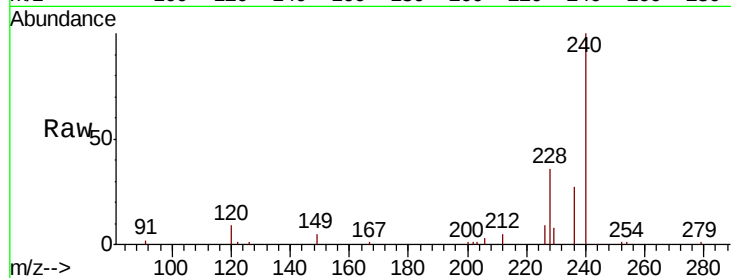




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BN010295.D
Acq: 19 Mar 2020 19:15

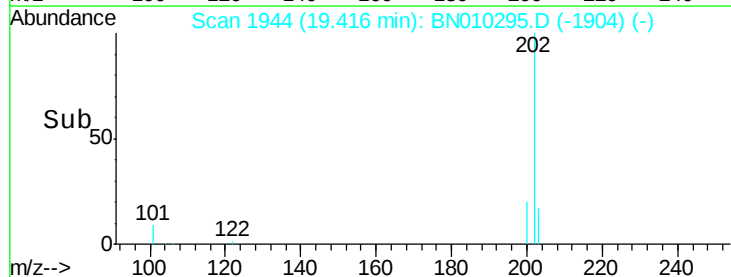
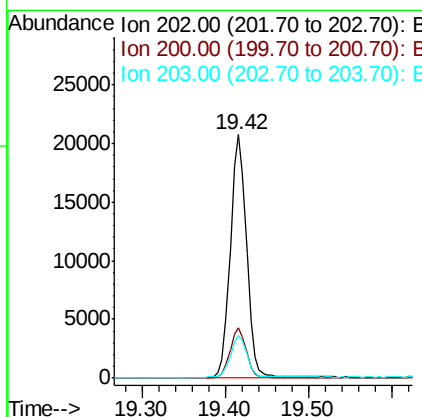
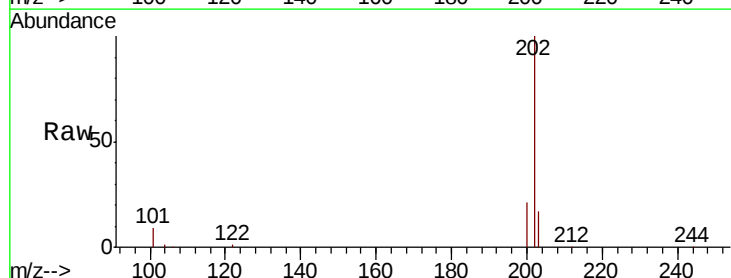
Instrument :
BNA_N
ClientSampleId :
PB127689BSD

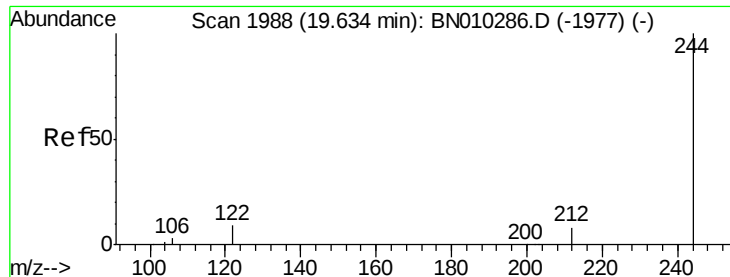
Tot Ion:240 Resp: 22820
Ion Ratio Lower Upper
240 100
120 8.6 7.9 11.9
236 27.1 22.2 33.4



#28
Pyrene
Concen: 0.391 ng
RT: 19.42 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BN010295.D
Acq: 19 Mar 2020 19:15

Tgt Ion:202 Resp: 27774
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.4
203 17.3 14.2 21.2





#29

Terphenyl-d14

Concen: 0.399 ng

RT: 19.63 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BN010295.D

Acq: 19 Mar 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB127689BSD

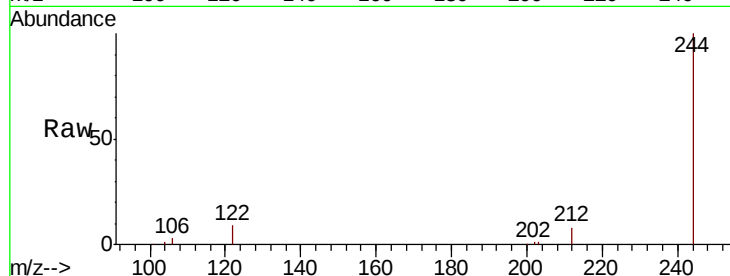
Tot Ion:244 Resp: 19663

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

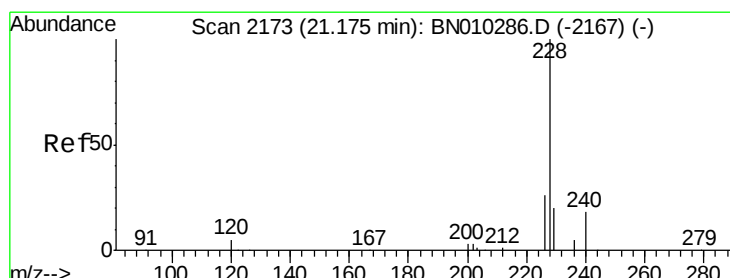
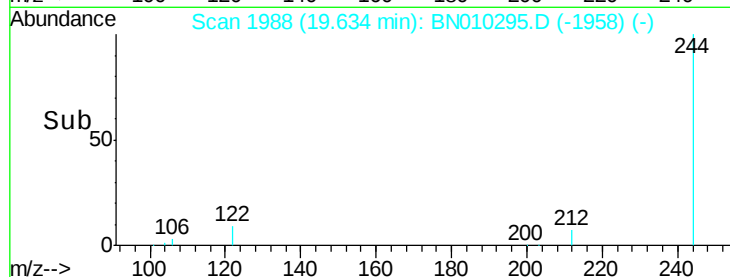
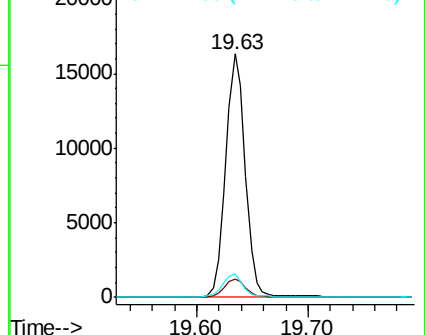
122 9.4 7.6 11.4



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: 0.388 ng

RT: 21.17 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BN010295.D

Acq: 19 Mar 2020 19:15

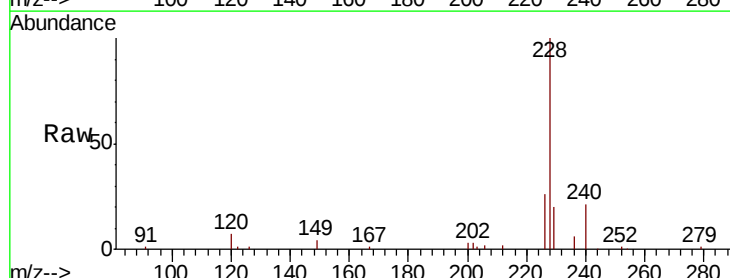
Tgt Ion:228 Resp: 28169

Ion Ratio Lower Upper

228 100

226 26.0 21.0 31.4

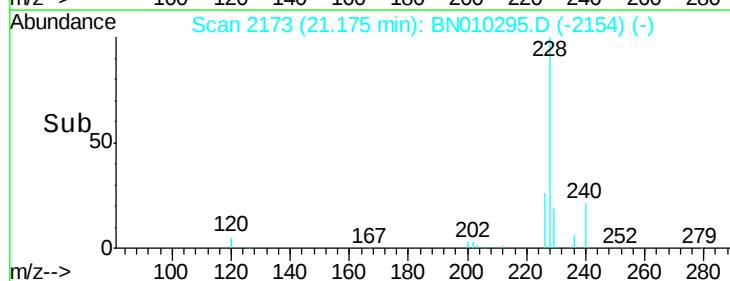
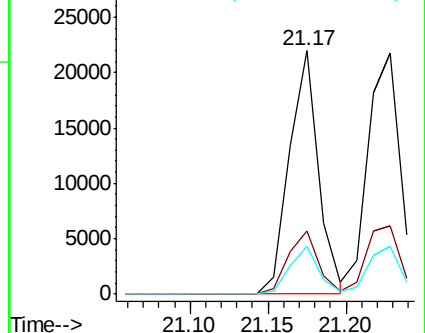
229 19.7 16.0 24.0

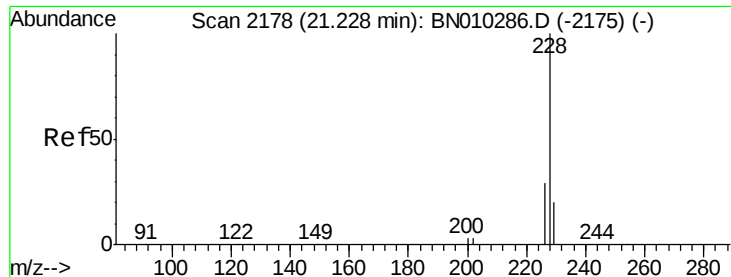


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.400 ng

RT: 21.23 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BN010295.D

Acq: 19 Mar 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB127689BSD

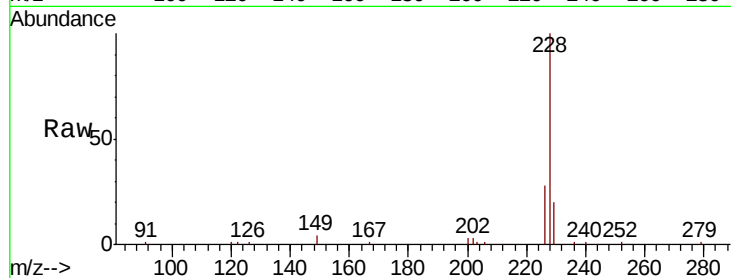
Tot Ion:228 Resp: 31197

Ion Ratio Lower Upper

228 100

226 28.5 23.0 34.6

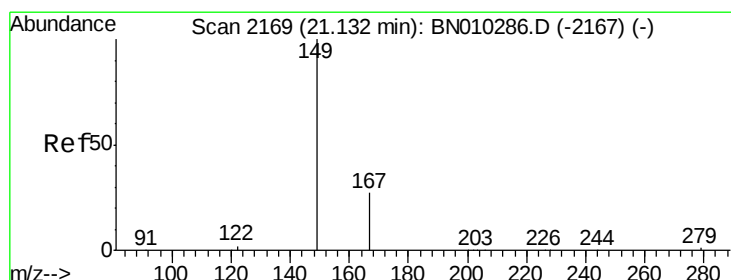
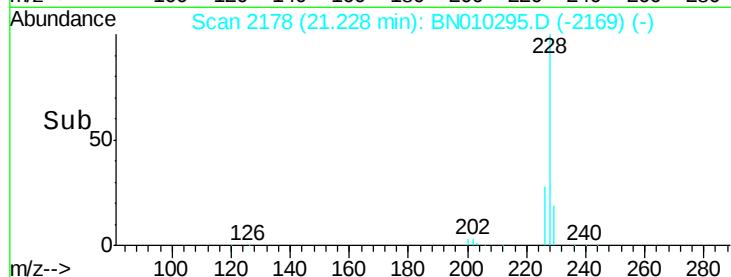
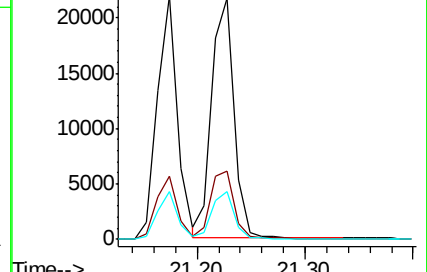
229 19.7 16.0 24.0



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: 0.367 ng

RT: 21.13 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN010295.D

Acq: 19 Mar 2020 19:15

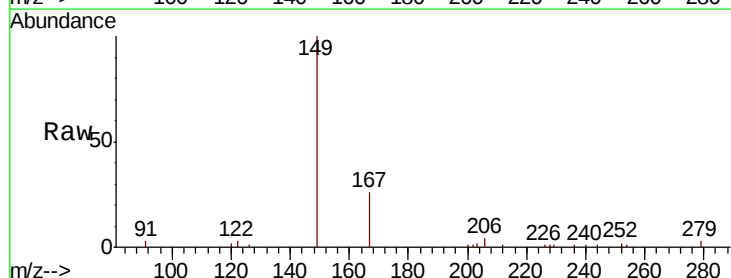
Tgt Ion:149 Resp: 9011

Ion Ratio Lower Upper

149 100

167 29.1 23.0 34.6

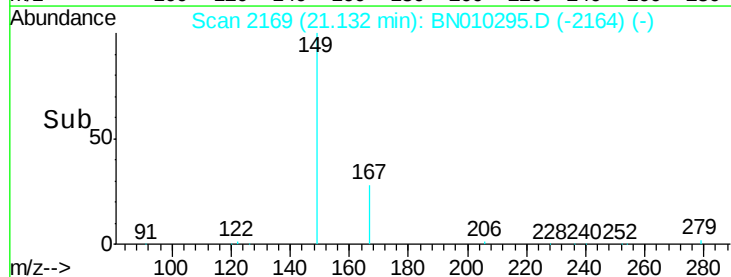
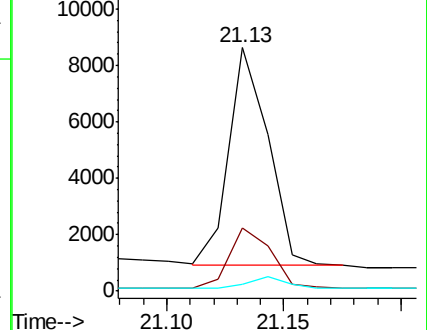
279 5.0 3.8 5.8

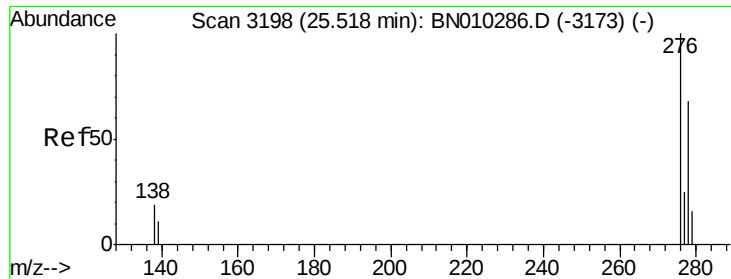


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.458 ng

RT: 25.51 min Scan# 3197

Delta R.T. -0.00 min

Lab File: BN010295.D

Acq: 19 Mar 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB127689BSD

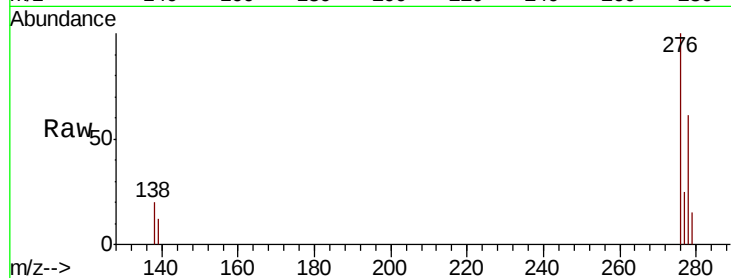
Tot Ion:276 Resp: 38249

Ion Ratio Lower Upper

276 100

138 20.1 15.6 23.4

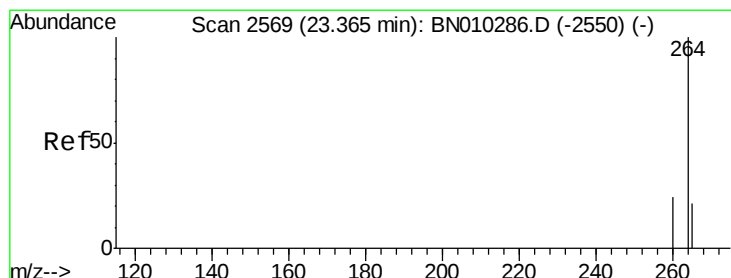
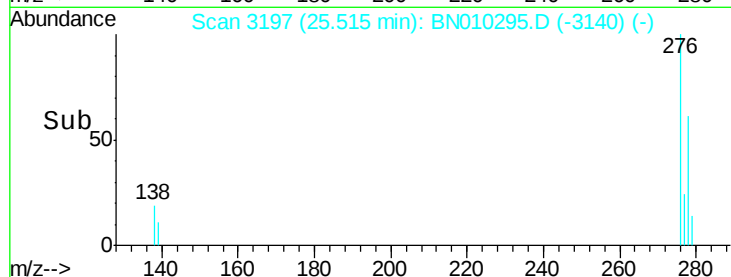
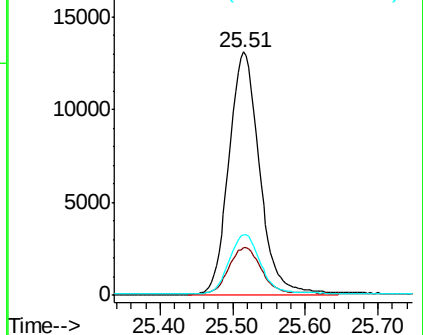
277 25.0 20.1 30.1



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: BN010295.D

Acq: 19 Mar 2020 19:15

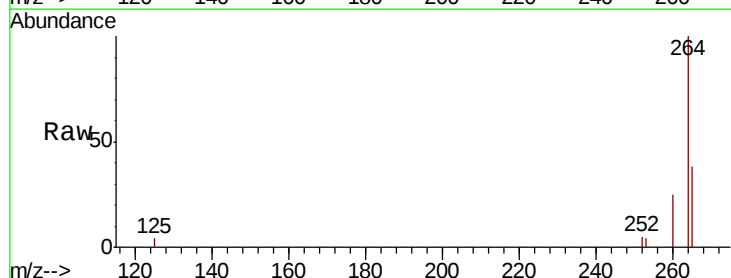
Tgt Ion:264 Resp: 25030

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

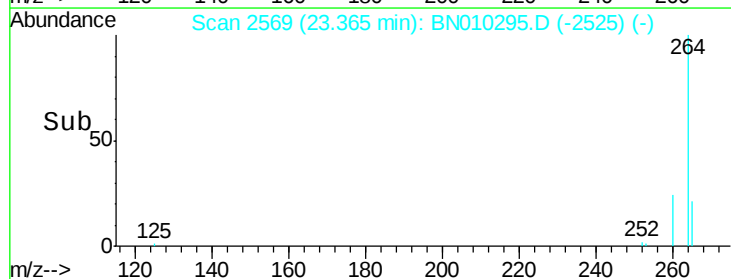
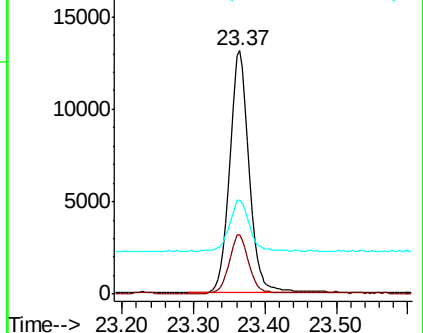
265 38.5 32.4 48.6

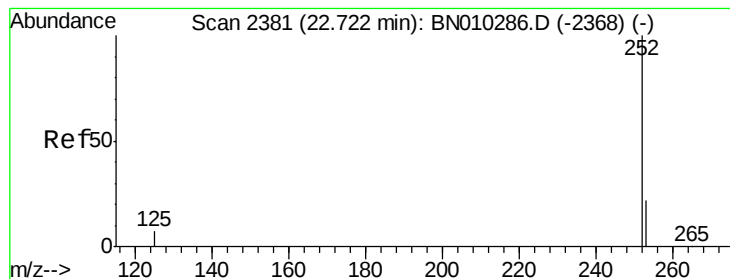


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.353 ng

RT: 22.72 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BN010295.D

Acq: 19 Mar 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB127689BSD

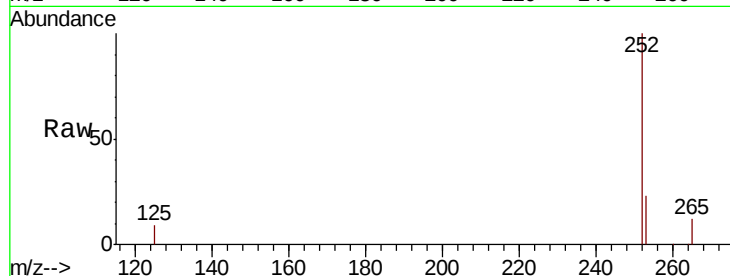
Tot Ion:252 Resp: 30000

Ion Ratio Lower Upper

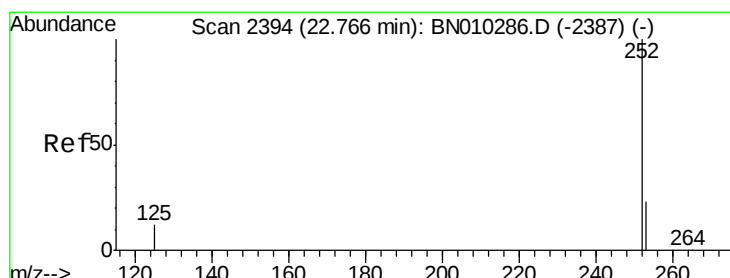
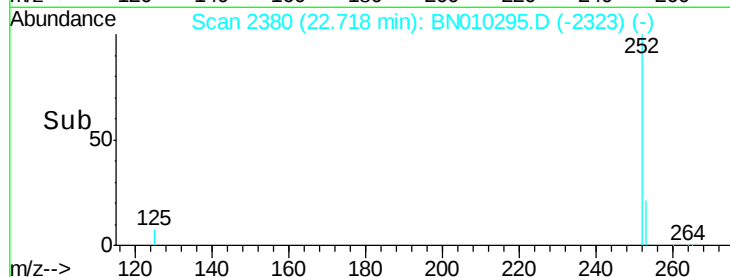
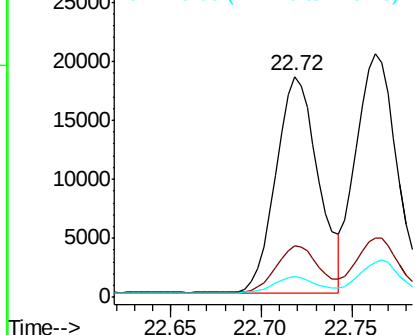
252 100

253 23.2 19.2 28.8

125 9.2 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: 0.380 ng

RT: 22.76 min Scan# 2393

Delta R.T. -0.00 min

Lab File: BN010295.D

Acq: 19 Mar 2020 19:15

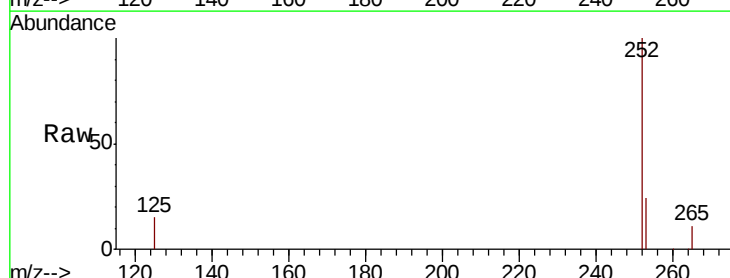
Tgt Ion:252 Resp: 32878

Ion Ratio Lower Upper

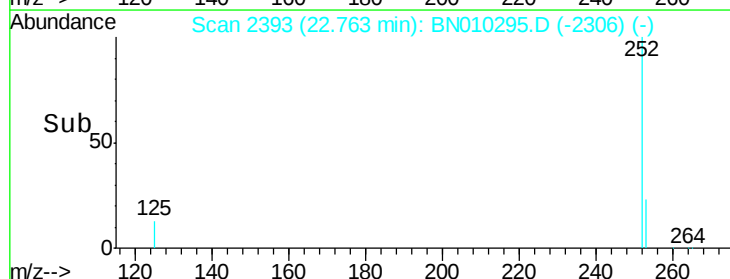
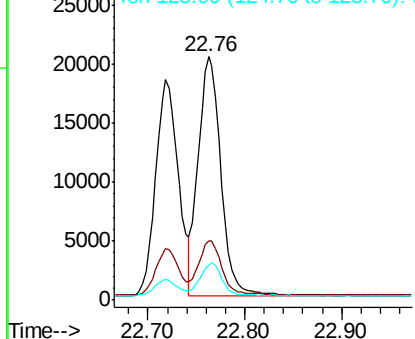
252 100

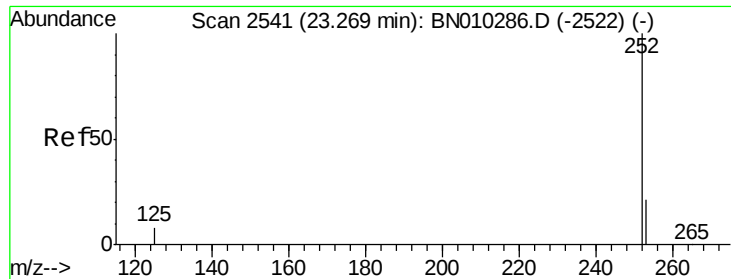
253 24.3 19.4 29.0

125 14.6 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: 0.364 ng

RT: 23.27 min Scan# 2541

Delta R.T. 0.00 min

Lab File: BN010295.D

Acq: 19 Mar 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB127689BSD

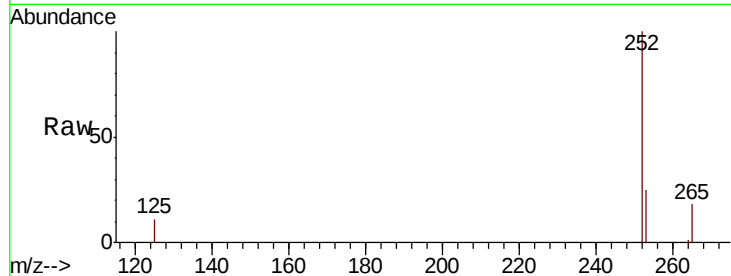
Tot Ion:252 Resp: 26086

Ion Ratio Lower Upper

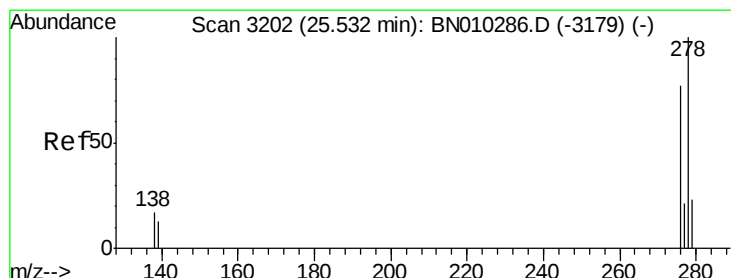
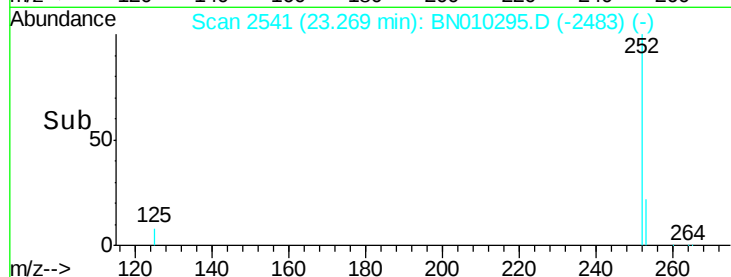
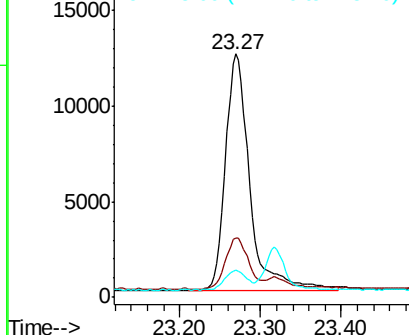
252 100

253 24.5 19.9 29.9

125 11.1 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: 0.407 ng

RT: 25.53 min Scan# 3201

Delta R.T. -0.00 min

Lab File: BN010295.D

Acq: 19 Mar 2020 19:15

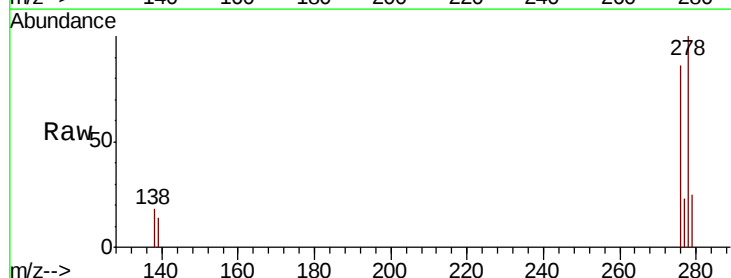
Tgt Ion:278 Resp: 31559

Ion Ratio Lower Upper

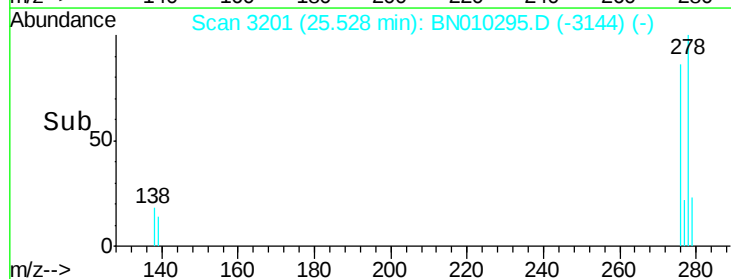
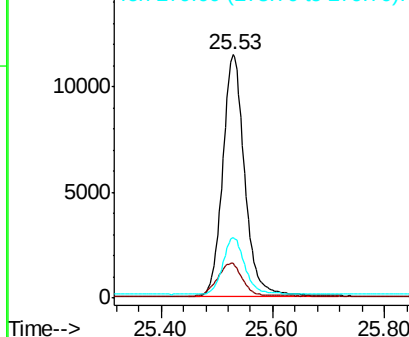
278 100

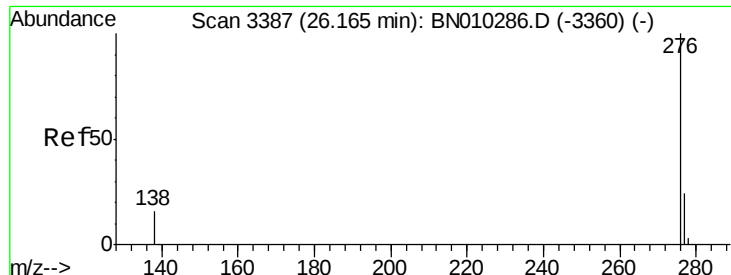
139 14.2 10.6 16.0

279 24.9 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: 0.373 ng

RT: 26.17 min Scan# 3387

Delta R.T. 0.00 min

Lab File: BN010295.D

Acq: 19 Mar 2020 19:15

Instrument :

BNA_N

ClientSampleId :

PB127689BSD

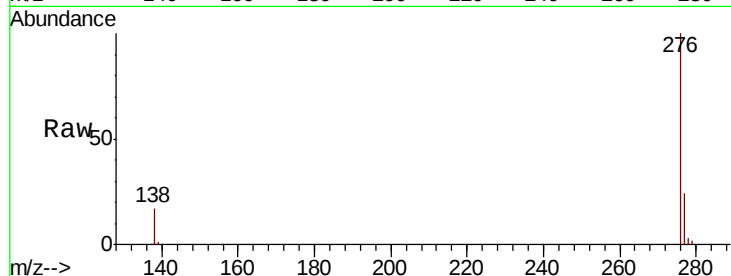
Tot Ion:276 Resp: 29116

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 17.0 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

