

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
 Data File : BN010265.D
 Acq On : 18 Mar 2020 16:08
 Operator : CG/JU
 Sample : SSTDC00.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 19 01:12:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 02:17:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3604	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	12547	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	7728	0.40	ng	-0.02
19) Phenanthrene-d10	16.98	188	18482	0.40	ng	-0.01
27) Chrysene-d12	21.19	240	18691	0.40	ng	0.00
34) Perylene-d12	23.36	264	20210	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	2848	0.34	ng	0.00
5) Phenol-d6	6.81	99	3550	0.34	ng	0.00
8) Nitrobenzene-d5	8.76	82	3057	0.41	ng	-0.01
11) 2-Methylnaphthalene-d10	11.98	152	7963	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	15.74	330	1012	0.37	ng	-0.02
15) 2-Fluorobiphenyl	12.87	172	12011	0.44	ng	0.00
25) Fluoranthene-d10	19.02	212	21269	0.37	ng	-0.01
29) Terphenyl-d14	19.63	244	16868	0.40	ng	-0.02

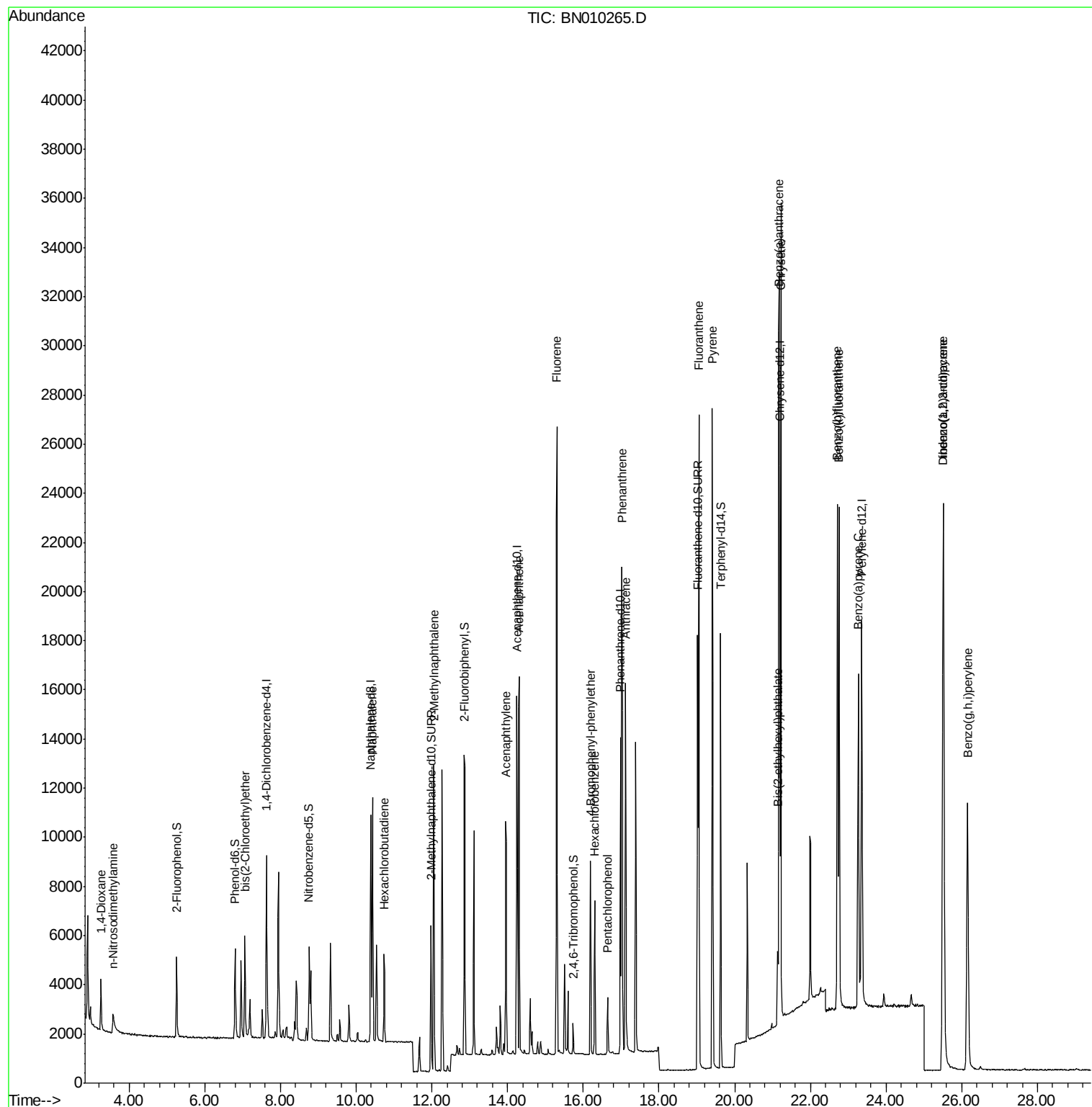
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	1388	0.395	ng	# 54
3) n-Nitrosodimethylamine	3.58	42	976	0.313	ng	# 31
6) bis(2-Chloroethyl)ether	7.06	93	3533	0.400	ng	97
9) Naphthalene	10.43	128	12429	0.395	ng	97
10) Hexachlorobutadiene	10.73	225	3084	0.426	ng	# 96
12) 2-Methylnaphthalene	12.05	142	8722	0.386	ng	96
16) Acenaphthylene	13.95	152	11483	0.322	ng	99
17) Acenaphthene	14.31	154	8529	0.394	ng	98
18) Fluorene	15.30	166	11282	0.382	ng	99
20) 4-Bromophenyl-phenylether	16.20	248	4343	0.409	ng	95
21) Hexachlorobenzene	16.30	284	4687	0.452	ng	98
22) Pentachlorophenol	16.64	266	1246	0.389	ng	92
23) Phenanthrene	17.02	178	20039	0.409	ng	100
24) Anthracene	17.12	178	16301	0.334	ng	99
26) Fluoranthene	19.05	202	23977	0.386	ng	99
28) Pyrene	19.41	202	23940	0.383	ng	100
30) Benzo(a)anthracene	21.17	228	22752	0.358	ng	98
31) Chrysene	21.22	228	25589	0.409	ng	98
32) Bis(2-ethylhexyl)phthalate	21.13	149	5627	0.208	ng	# 95
33) Indeno(1,2,3-cd)pyrene	25.51	276	28752	0.387	ng	98
35) Benzo(b)fluoranthene	22.71	252	24588	0.396	ng	99
36) Benzo(k)fluoranthene	22.76	252	26285	0.419	ng	100
37) Benzo(a)pyrene	23.26	252	20625	0.352	ng	98
38) Dibenzo(a,h)anthracene	25.52	278	23834	0.405	ng	98
39) Benzo(g,h,i)perylene	26.15	276	23279	0.396	ng	98

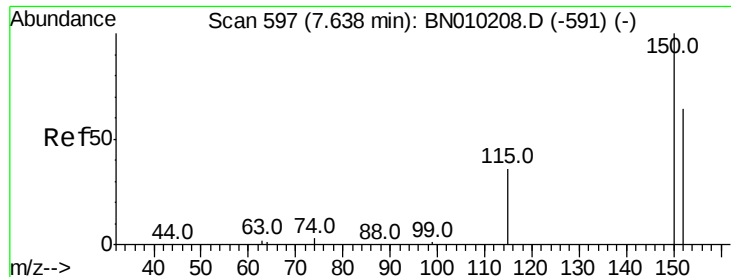
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
Data File : BN010265.D
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Misc :
ALS Vial : 2 Sample Multiplier: 1

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Quant Time: Mar 19 01:12:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 02:17:23 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.63 min Scan# 596

Delta R.T. -0.01 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

Instrument :

BNA_N

ClientSampleId :

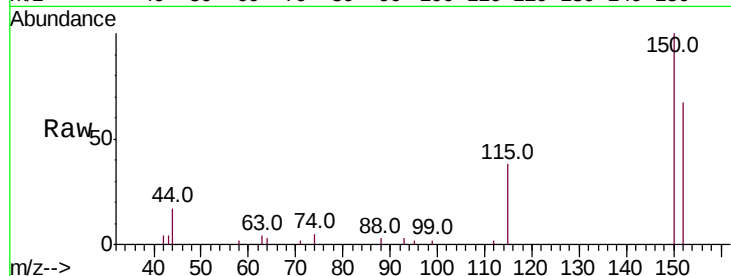
Tot Ion:152 Resp: 3604

Ion Ratio Lower Upper

152 100

150 149.9 119.5 179.3

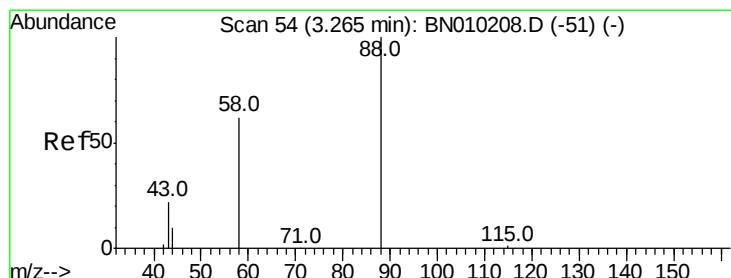
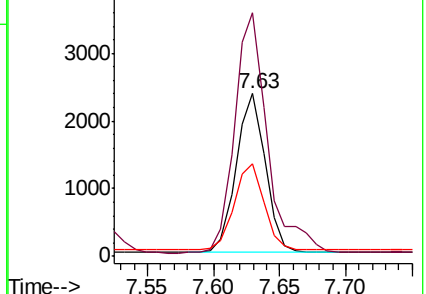
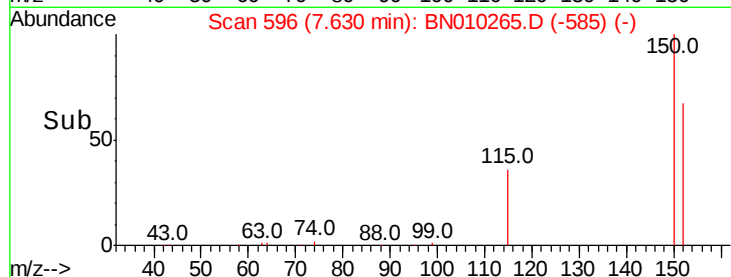
115 56.9 50.9 76.3



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: 0.395 ng

RT: 3.26 min Scan# 53

Delta R.T. -0.01 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

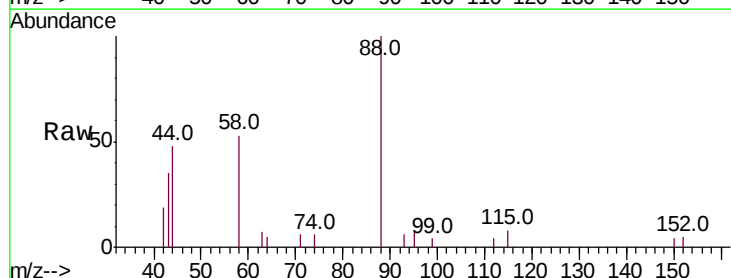
Tgt Ion: 88 Resp: 1388

Ion Ratio Lower Upper

88 100

58 65.6 97.8 146.8#

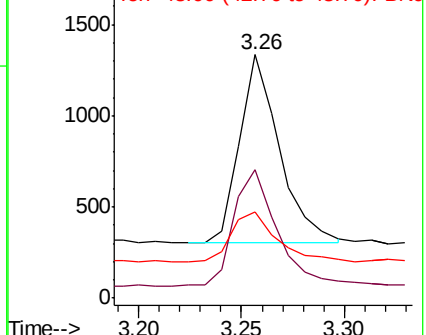
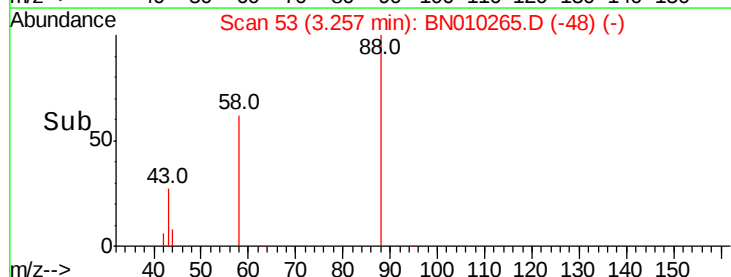
43 29.8 45.1 67.7#

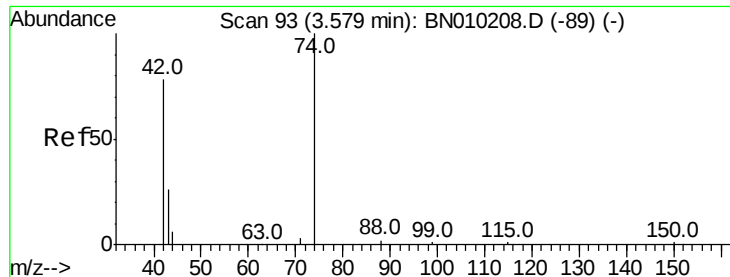


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.313 ng

RT: 3.58 min Scan# 93

Delta R.T. 0.00 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

Instrument :

BNA_N

ClientSampleId :

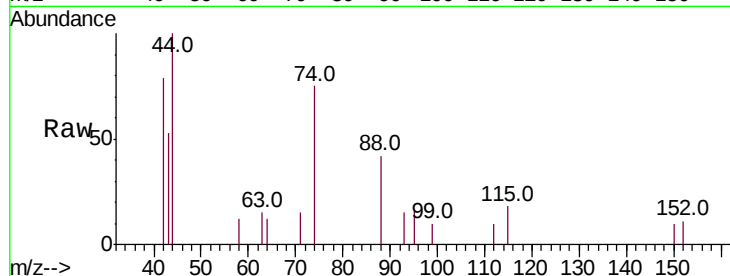
Tot Ion: 42 Resp: 976

Ion Ratio Lower Upper

42 100

74 119.3 51.2 76.8#

44 18.5 2.6 4.0#

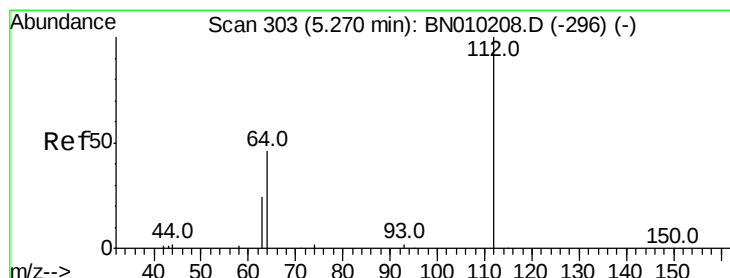
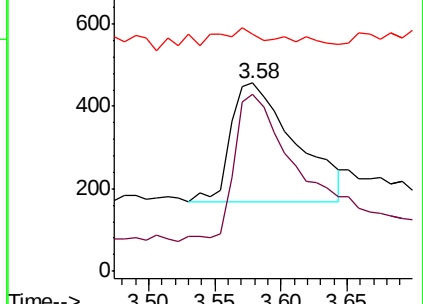
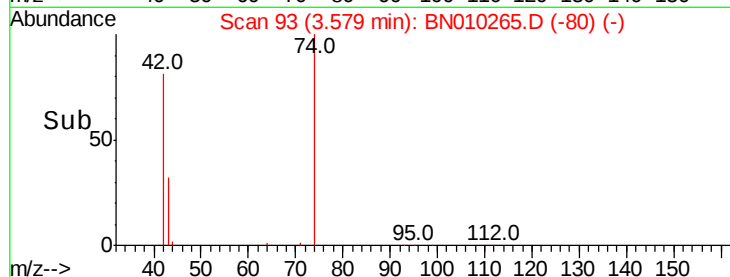


Abundance Ion 42.00 (41.70 to 42.70): BN010208.D (-89) (-)

Ion 74.00 (73.70 to 74.70): BN010208.D (-89) (-)

Ion 44.00 (43.70 to 44.70): BN010208.D (-89) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.337 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

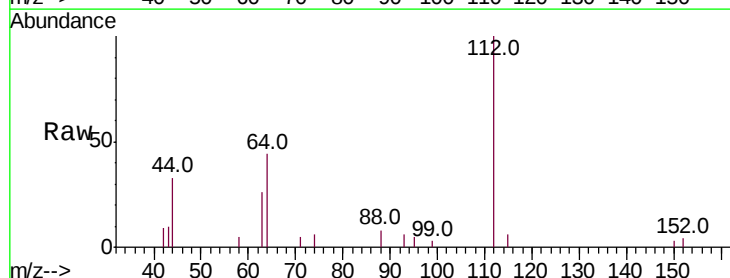
Tgt Ion: 112 Resp: 2848

Ion Ratio Lower Upper

112 100

64 52.0 42.6 63.8

63 30.0 23.6 35.4

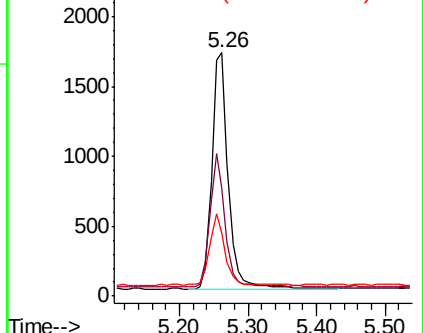
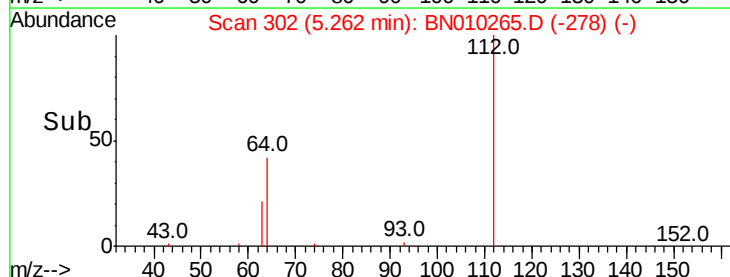


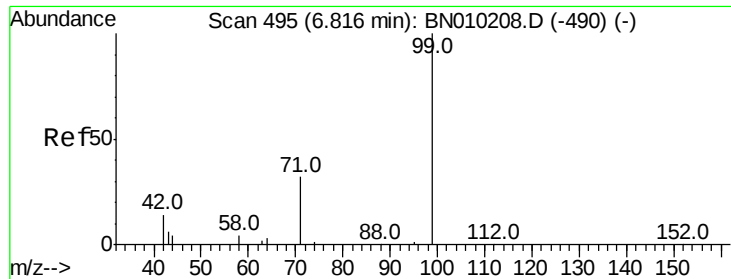
Abundance Ion 112.00 (111.70 to 112.70): BN010208.D (-296) (-)

Ion 64.00 (63.70 to 64.70): BN010208.D (-296) (-)

Ion 63.00 (62.70 to 63.70): BN010208.D (-296) (-)

Time-->





#5

Phenol-d6

Concen: 0.336 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

Instrument :

BNA_N

ClientSampled :

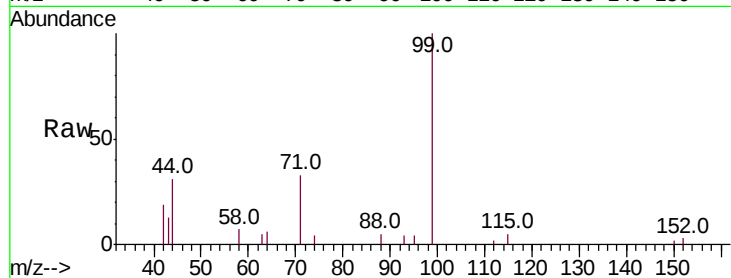
Tot Ion: 99 Resp: 3550

Ion Ratio Lower Upper

99 100

42 19.2 12.0 18.0#

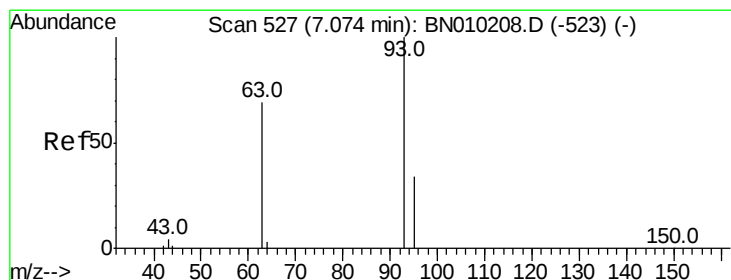
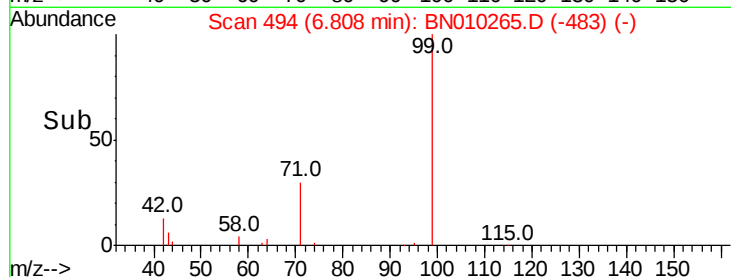
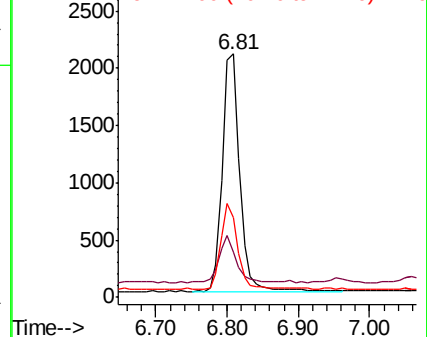
71 33.9 22.6 33.8#



Abundance Ion 99.00 (98.70 to 99.70): BN010208.D (-490) (-)

Ion 42.00 (41.70 to 42.70): BN010208.D (-490) (-)

Ion 71.00 (70.70 to 71.70): BN010208.D (-490) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.400 ng

RT: 7.06 min Scan# 525

Delta R.T. -0.02 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

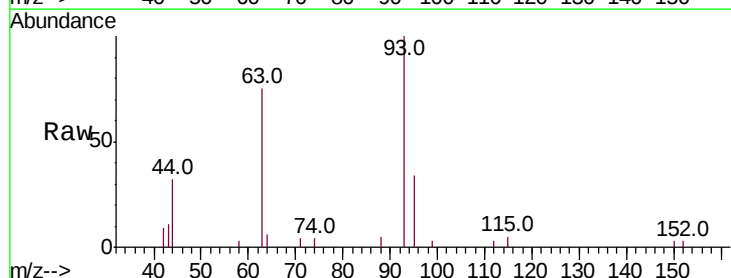
Tgt Ion: 93 Resp: 3533

Ion Ratio Lower Upper

93 100

63 67.1 53.4 80.0

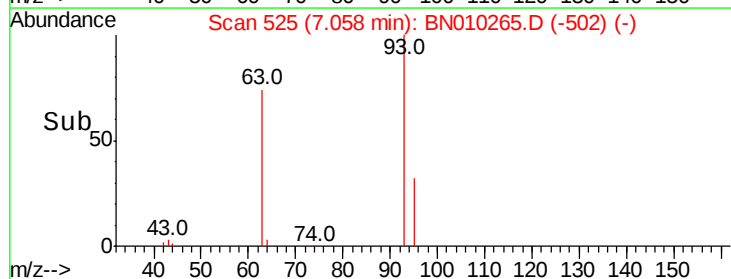
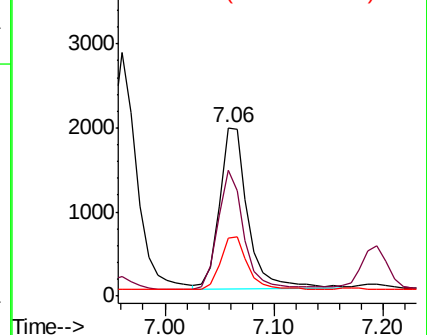
95 31.6 28.6 42.8

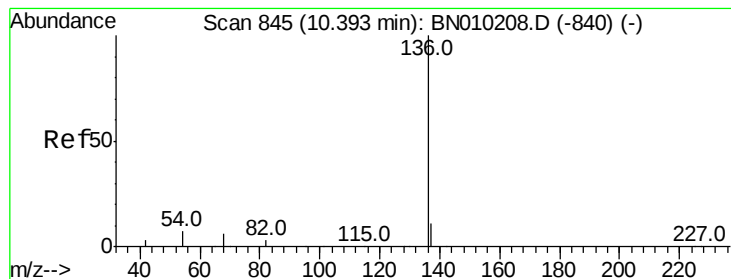


Abundance Ion 93.00 (92.70 to 93.70): BN010208.D (-523) (-)

Ion 63.00 (62.70 to 63.70): BN010208.D (-523) (-)

Ion 95.00 (94.70 to 95.70): BN010208.D (-523) (-)





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.01 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 12547

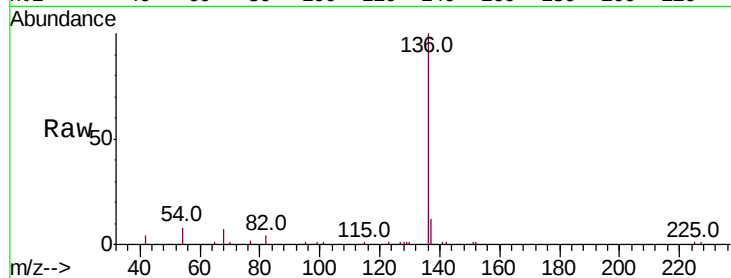
Ion Ratio Lower Upper

136 100

137 11.7 10.6 15.8

54 7.5 9.5 14.3#

68 6.6 9.7 14.5#

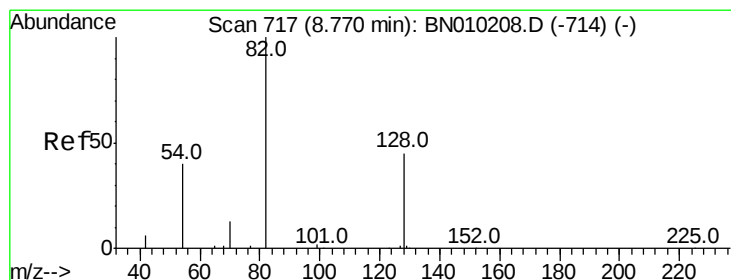
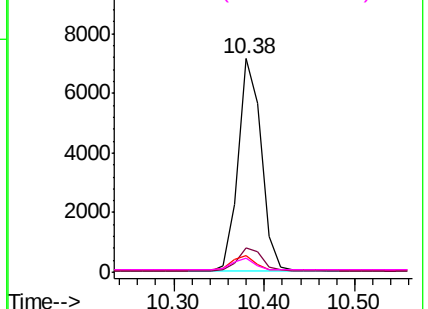
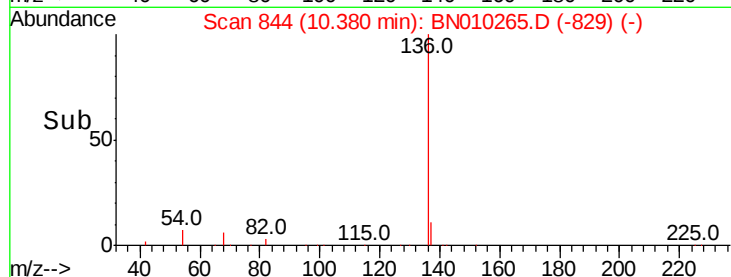


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.406 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

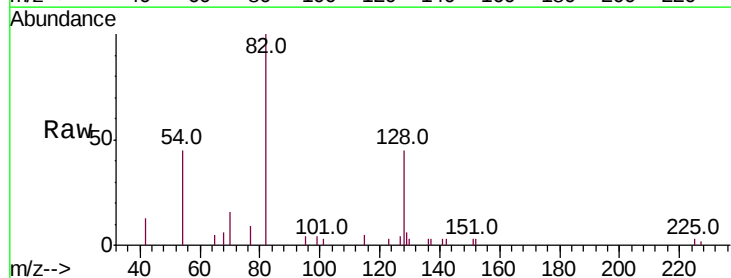
Tgt Ion: 82 Resp: 3057

Ion Ratio Lower Upper

82 100

128 44.8 35.0 52.6

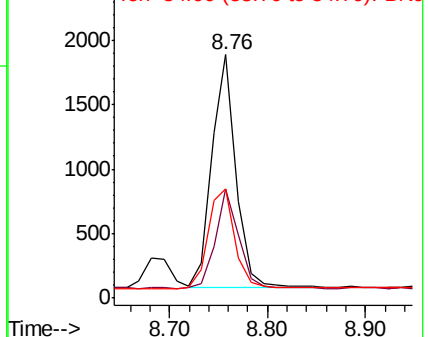
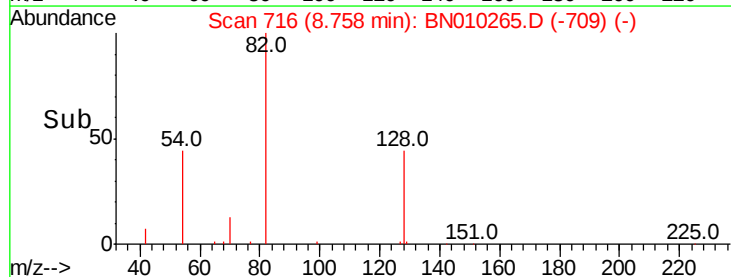
54 44.9 37.0 55.4

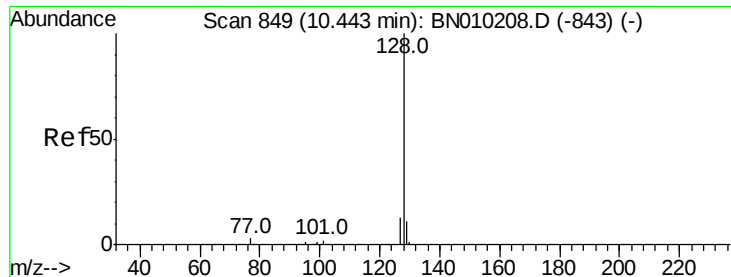


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.395 ng

RT: 10.43 min Scan# 848

Delta R.T. -0.01 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

Instrument :

BNA_N

ClientSampleId :

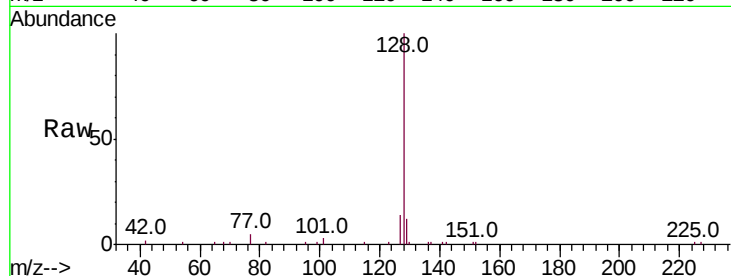
Tot Ion:128 Resp: 12429

Ion Ratio Lower Upper

128 100

129 11.9 10.5 15.7

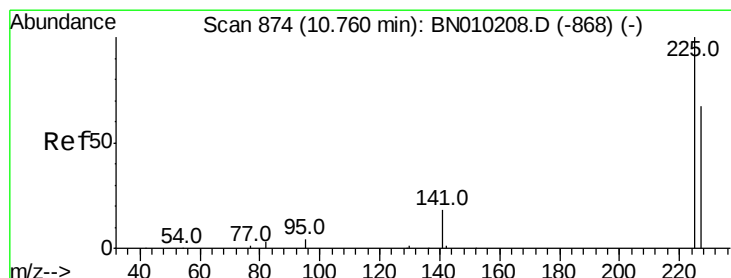
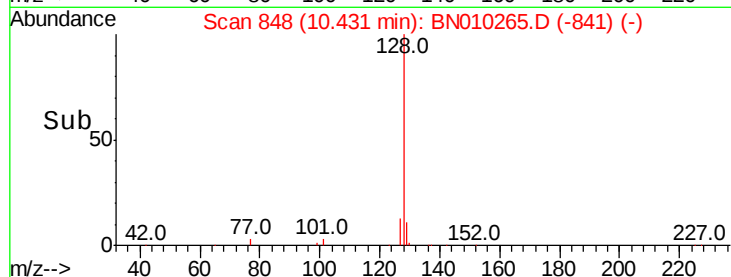
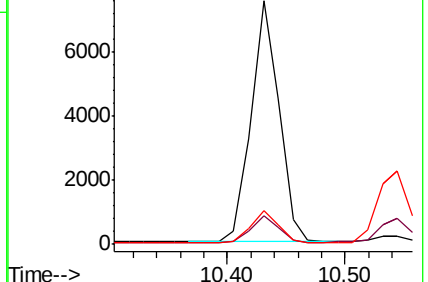
127 13.6 12.1 18.1



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: 0.426 ng

RT: 10.73 min Scan# 872

Delta R.T. -0.03 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

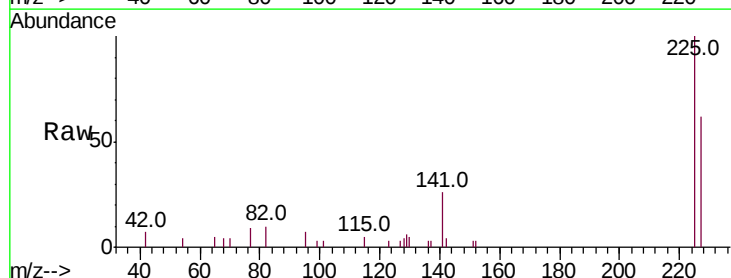
Tgt Ion:225 Resp: 3084

Ion Ratio Lower Upper

225 100

223 0.0 0.0 0.0

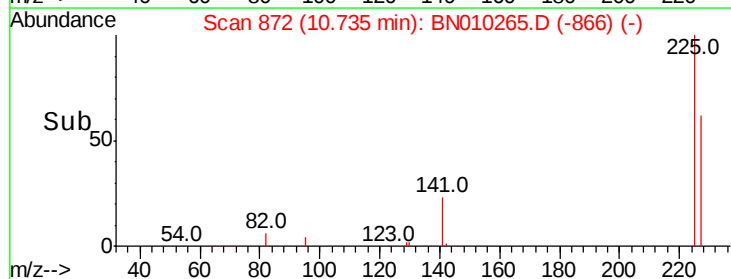
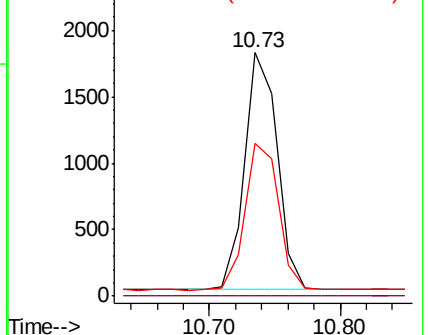
227 63.4 53.4 80.2

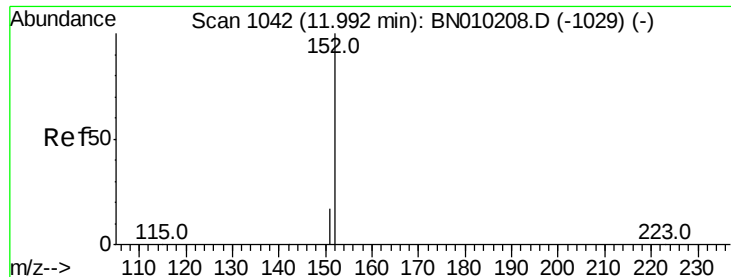


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

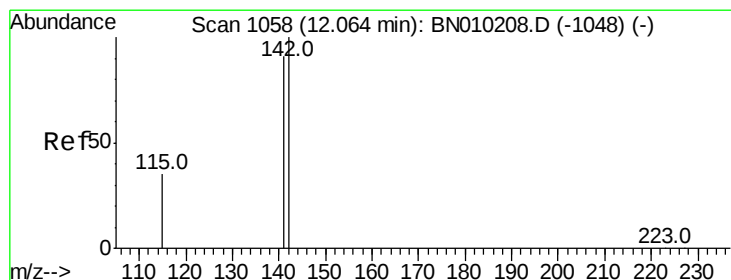
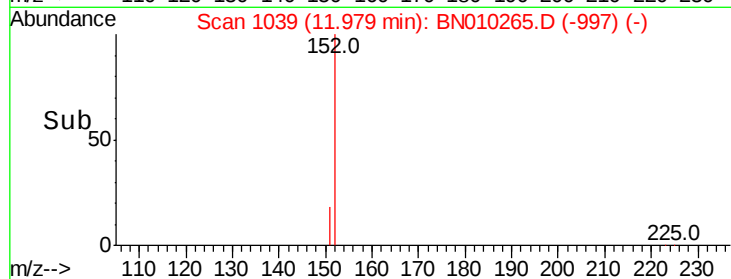
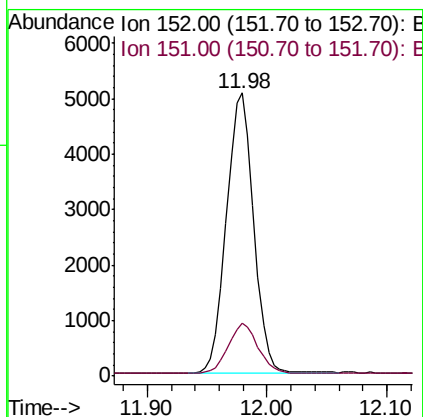
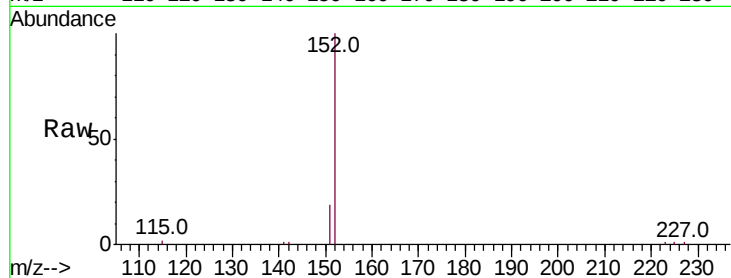




#11
 2-Methylnaphthalene-d10
 Concen: 0.384 ng
 RT: 11.98 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BN010265.D
 Acq: 18 Mar 2020 16:08

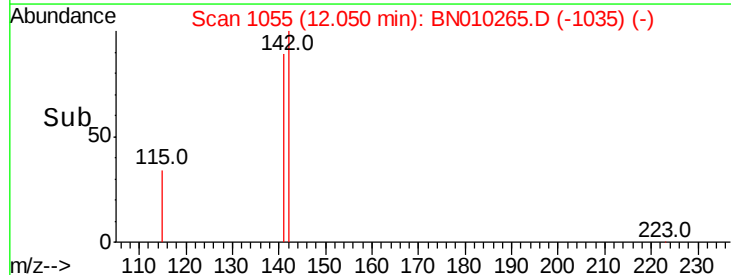
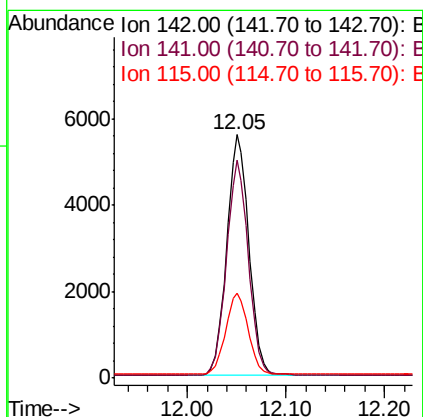
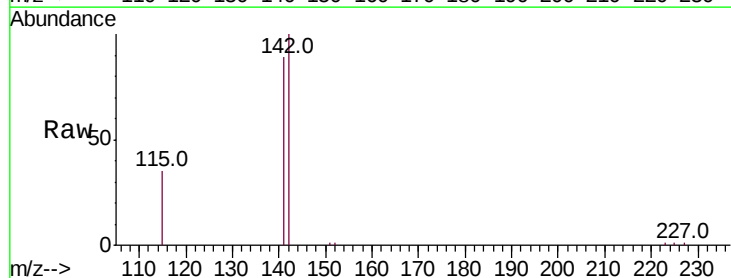
Instrument :
 BNA_N
 ClientSampleId :

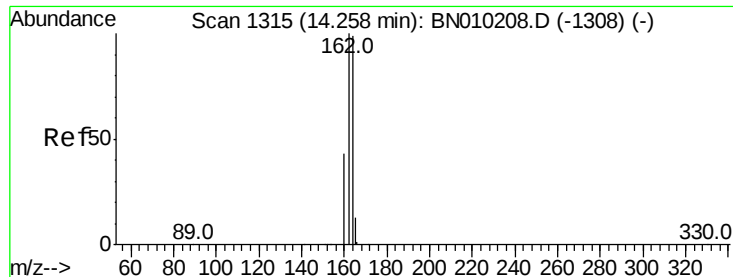
Tot Ion:152 Resp: 7963
 Ion Ratio Lower Upper
 152 100
 151 19.1 15.0 22.6



#12
 2-Methylnaphthalene
 Concen: 0.386 ng
 RT: 12.05 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: BN010265.D
 Acq: 18 Mar 2020 16:08

Tgt Ion:142 Resp: 8722
 Ion Ratio Lower Upper
 142 100
 141 89.5 73.7 110.5
 115 34.8 31.2 46.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

Instrument :

BNA_N

ClientSampleId :

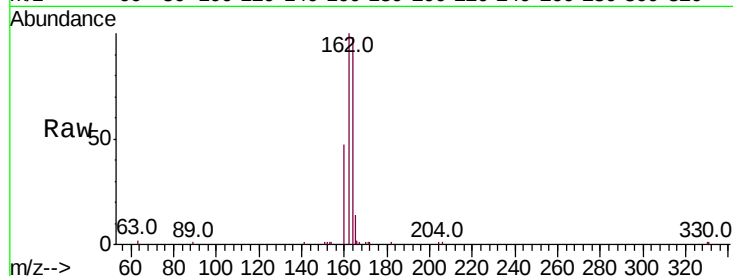
Tot Ion:164 Resp: 7728

Ion Ratio Lower Upper

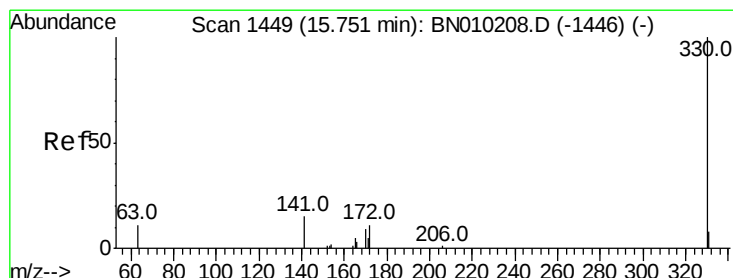
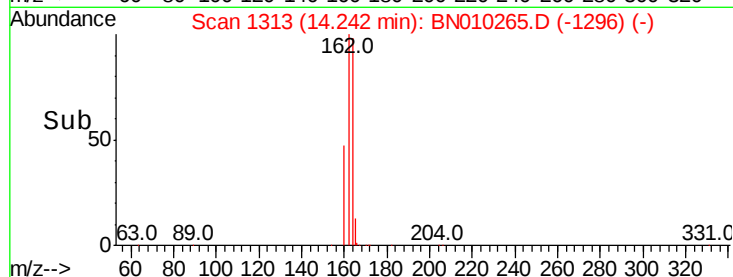
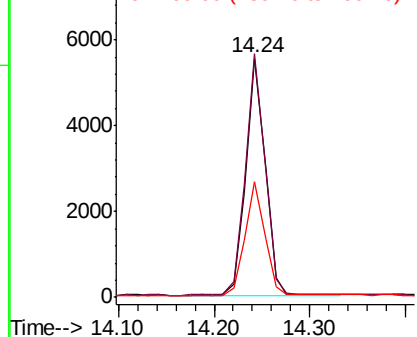
164 100

162 102.0 81.0 121.4

160 48.2 35.6 53.4



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: 0.366 ng

RT: 15.74 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

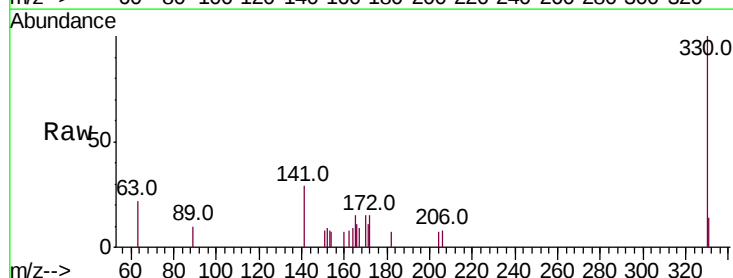
Tgt Ion:330 Resp: 1012

Ion Ratio Lower Upper

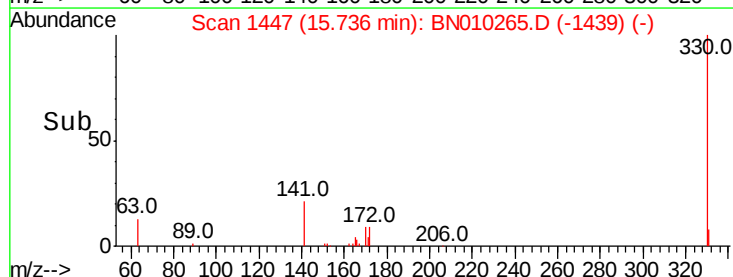
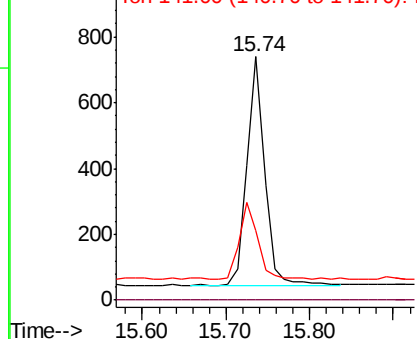
330 100

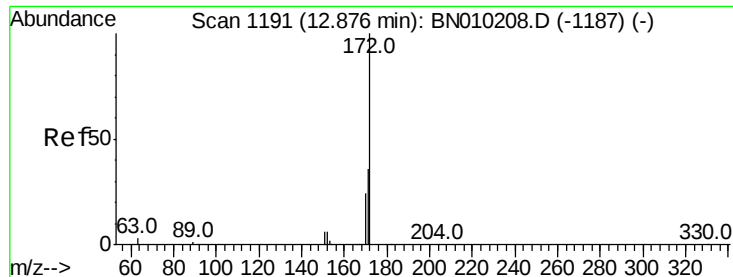
332 0.0 0.0 0.0

141 36.2 25.1 37.7



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

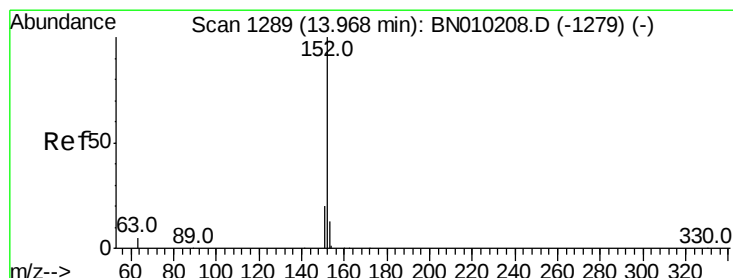
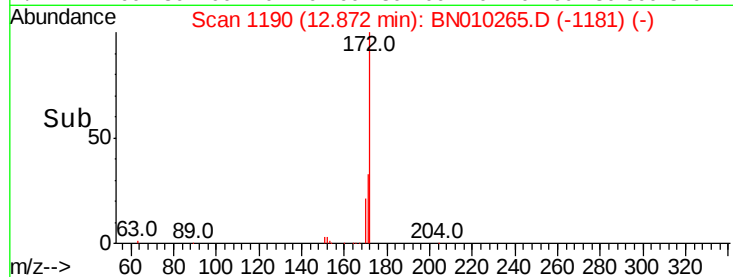
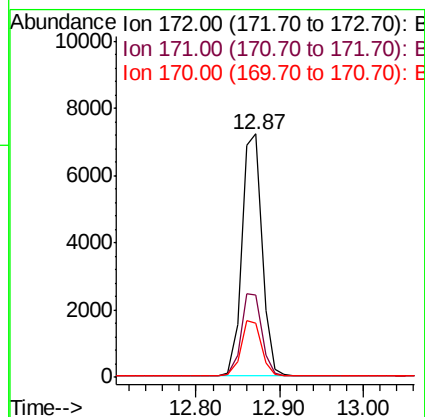
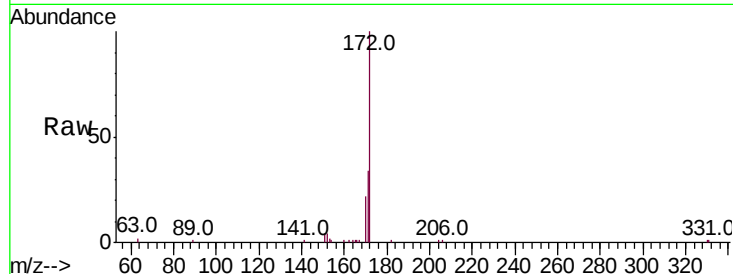




#15
2-Fluorobiphenyl
Concen: 0.437 ng
RT: 12.87 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

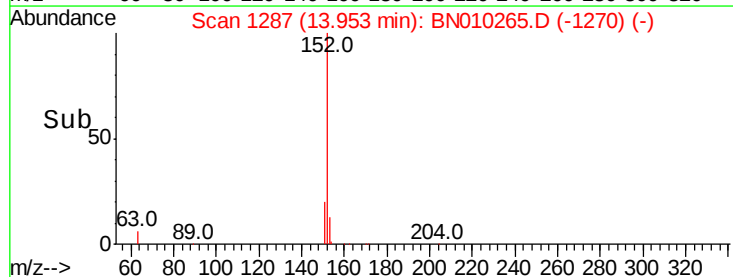
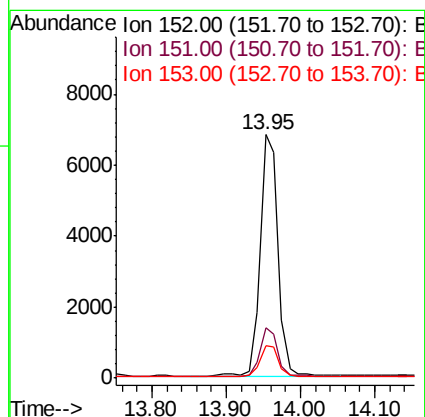
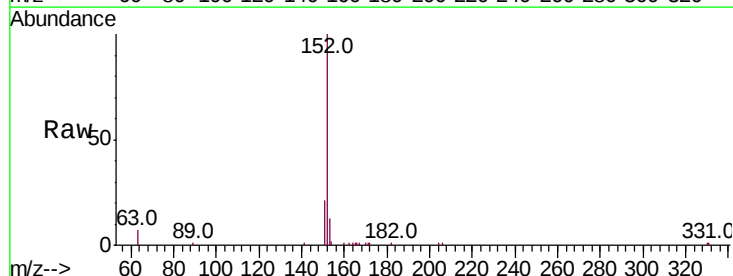
Instrument :
BNA_N
ClientSampled :

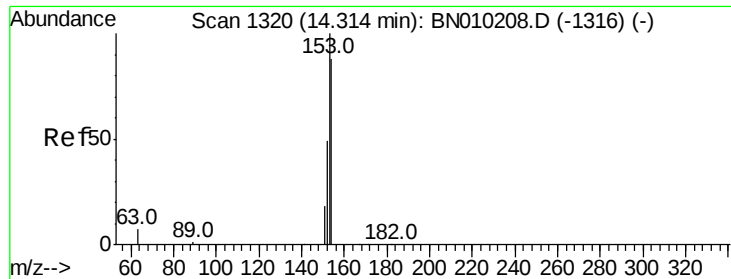
Tot Ion:172 Resp: 12011
Ion Ratio Lower Upper
172 100
171 33.7 29.4 44.2
170 22.0 20.2 30.4



#16
Acenaphthylene
Concen: 0.322 ng
RT: 13.95 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Tgt Ion:152 Resp: 11483
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 12.8 10.6 16.0





#17

Acenaphthene

Concen: 0.394 ng

RT: 14.31 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

Instrument :

BNA_N

ClientSampleId :

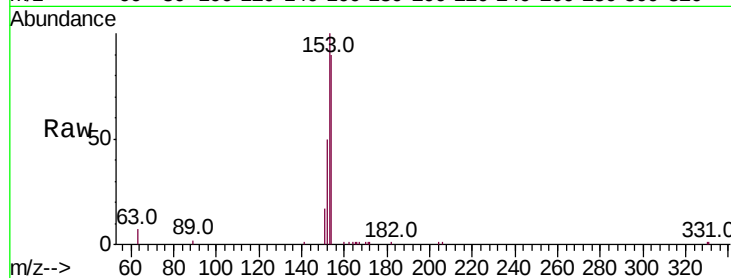
Tot Ion:154 Resp: 8529

Ion Ratio Lower Upper

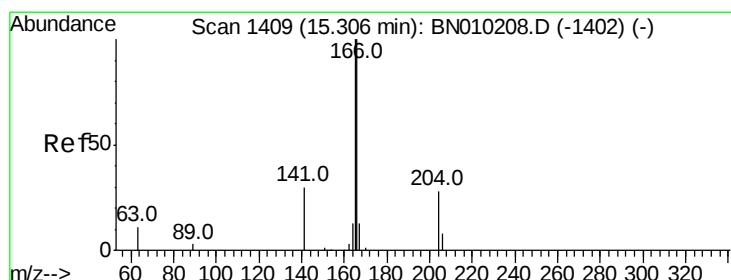
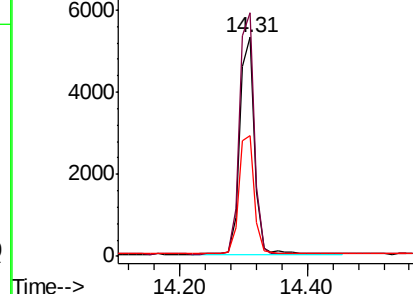
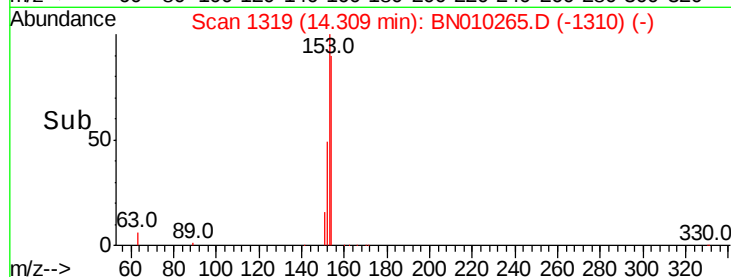
154 100

153 111.6 90.3 135.5

152 57.0 42.9 64.3



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: 0.382 ng

RT: 15.30 min Scan# 1408

Delta R.T. -0.00 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

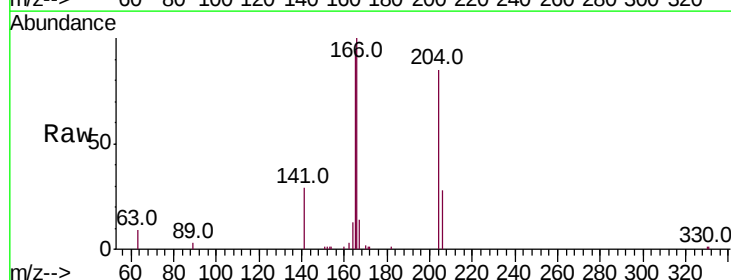
Tgt Ion:166 Resp: 11282

Ion Ratio Lower Upper

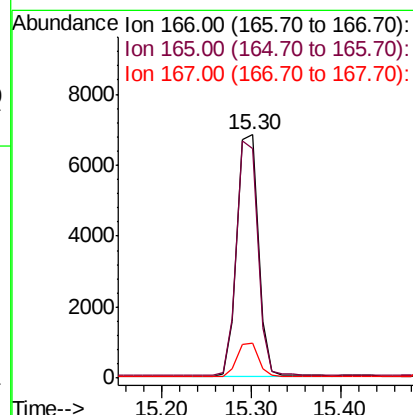
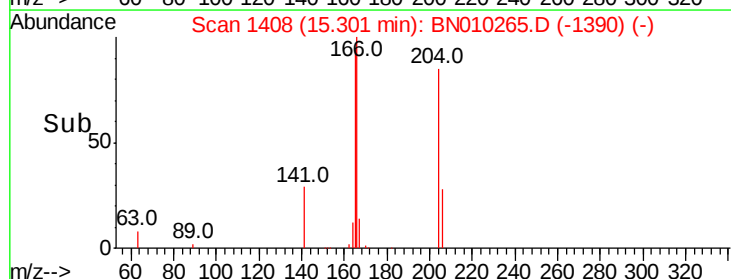
166 100

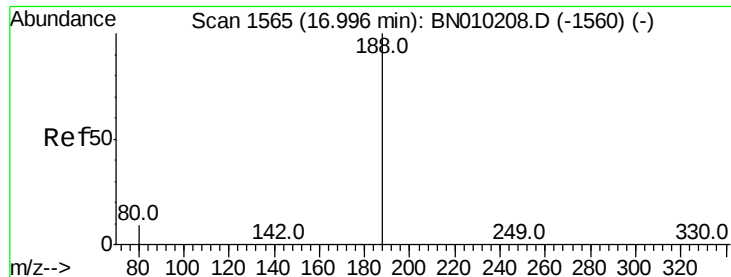
165 97.2 78.3 117.5

167 13.6 10.7 16.1



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. -0.01 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

Instrument :

BNA_N

ClientSampleId :

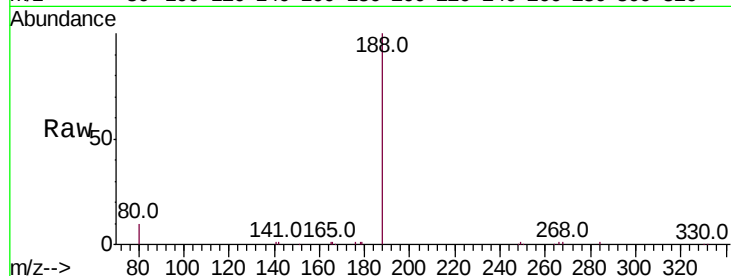
Tot Ion:188 Resp: 18482

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

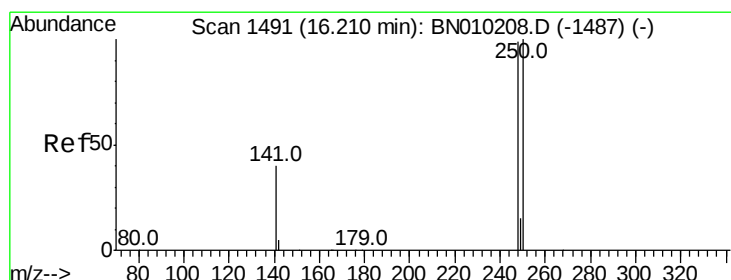
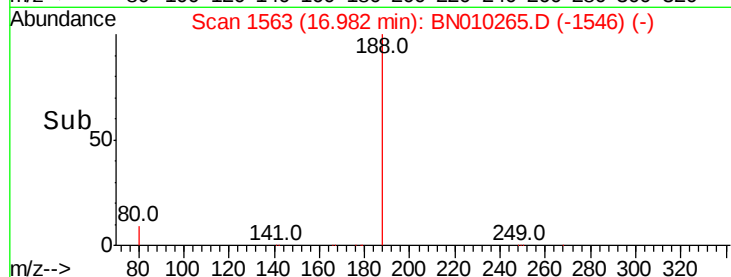
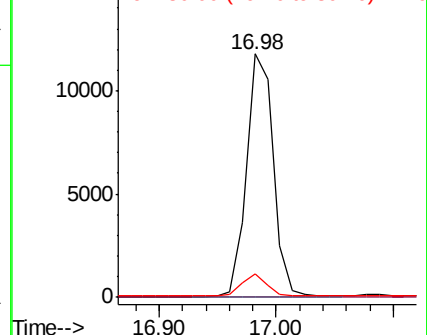
80 9.8 8.6 12.8



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: 0.409 ng

RT: 16.20 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

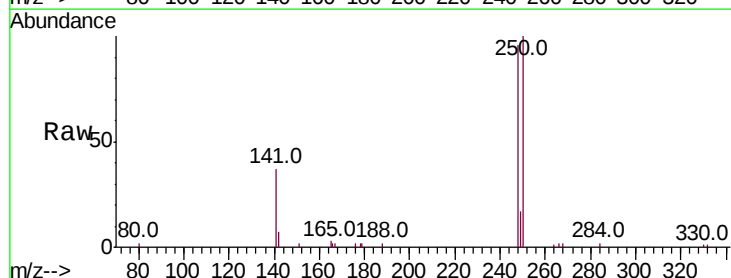
Tgt Ion:248 Resp: 4343

Ion Ratio Lower Upper

248 100

250 104.0 81.2 121.8

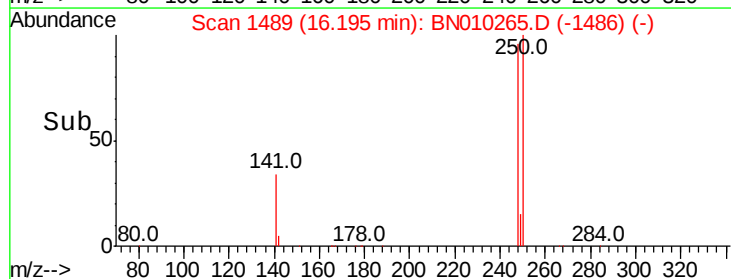
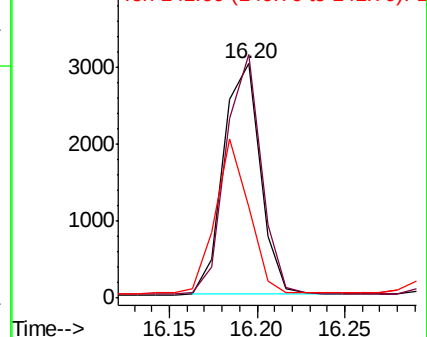
141 39.0 36.7 55.1

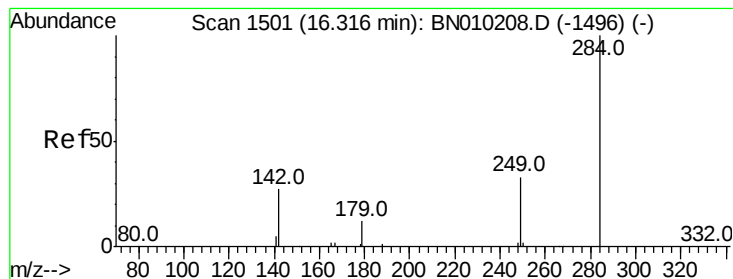


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.452 ng

RT: 16.30 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

Instrument :

BNA_N

ClientSampleId :

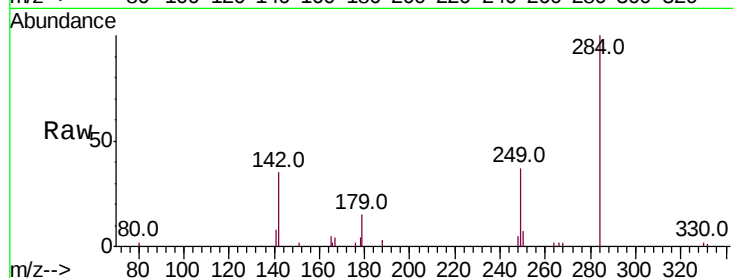
Tot Ion:284 Resp: 4687

Ion Ratio Lower Upper

284 100

142 33.0 27.8 41.6

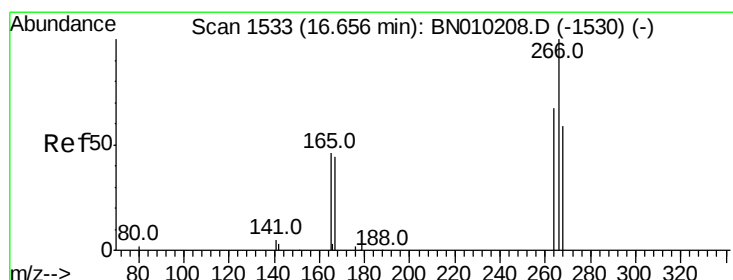
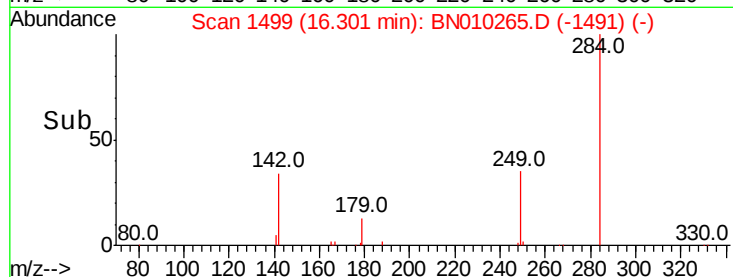
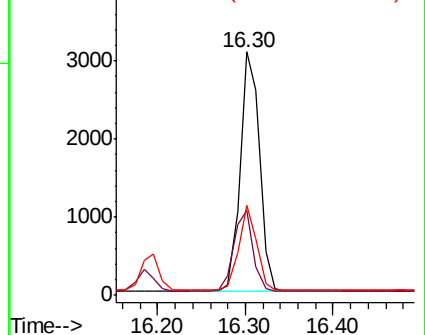
249 32.4 26.6 39.8



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: 0.389 ng

RT: 16.64 min Scan# 1531

Delta R.T. -0.01 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

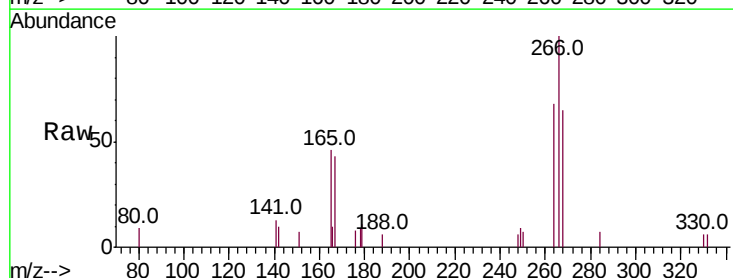
Tgt Ion:266 Resp: 1246

Ion Ratio Lower Upper

266 100

264 67.6 56.2 84.2

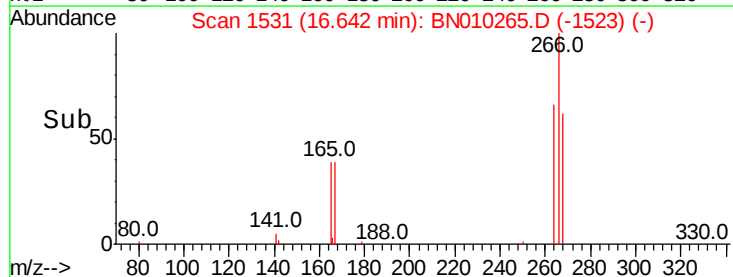
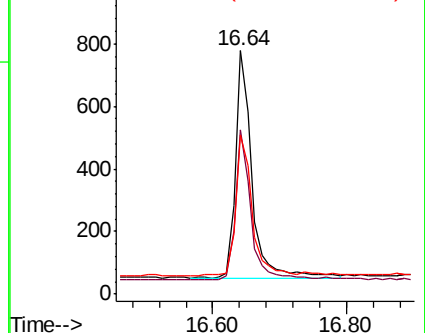
268 65.4 61.4 92.2

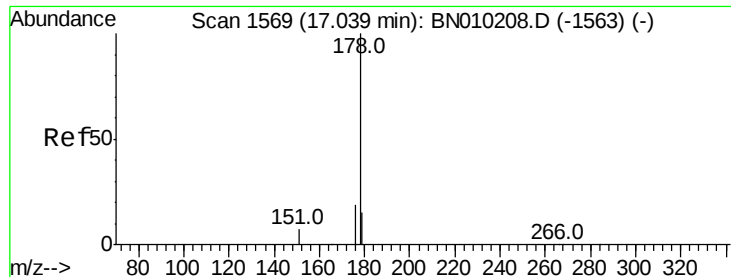


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.409 ng

RT: 17.02 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

Instrument :

BNA_N

ClientSampleId :

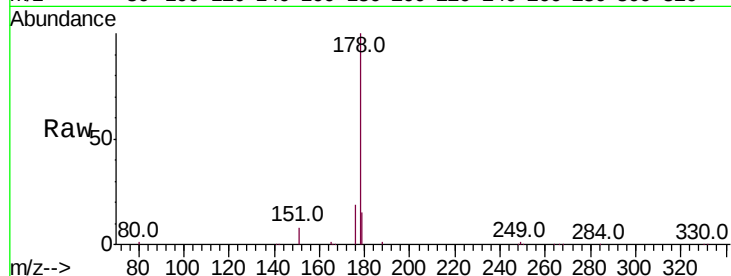
Tot Ion:178 Resp: 20039

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

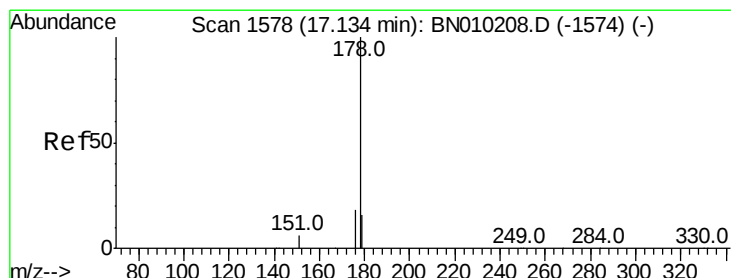
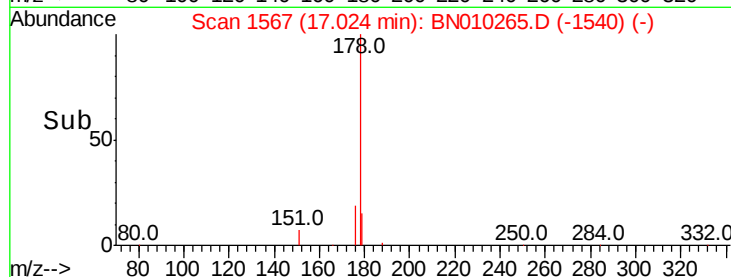
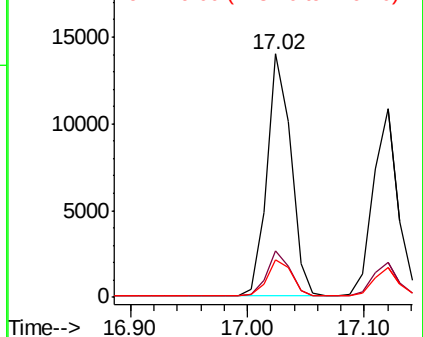
179 15.5 12.5 18.7



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: 0.334 ng

RT: 17.12 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

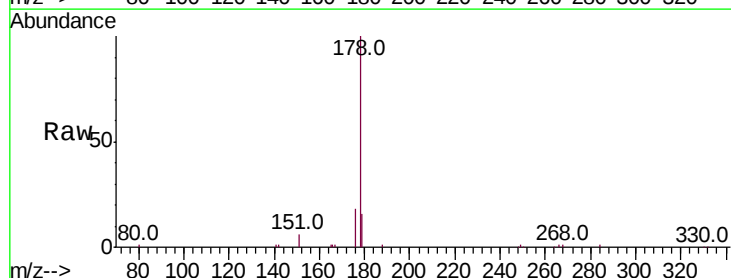
Tgt Ion:178 Resp: 16301

Ion Ratio Lower Upper

178 100

176 18.5 14.6 22.0

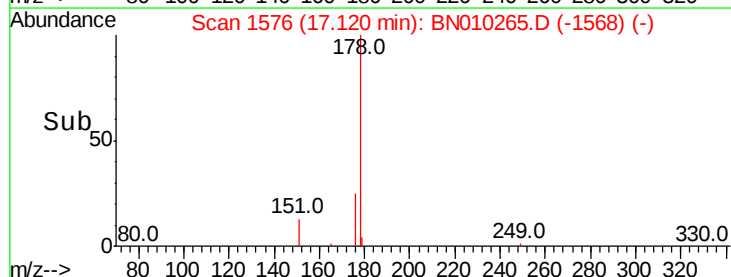
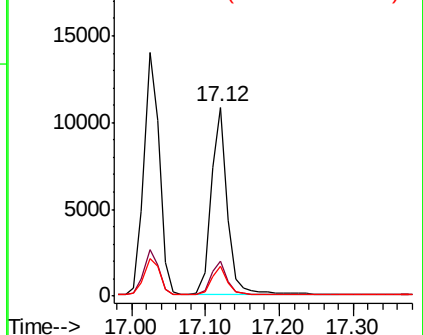
179 15.2 12.5 18.7

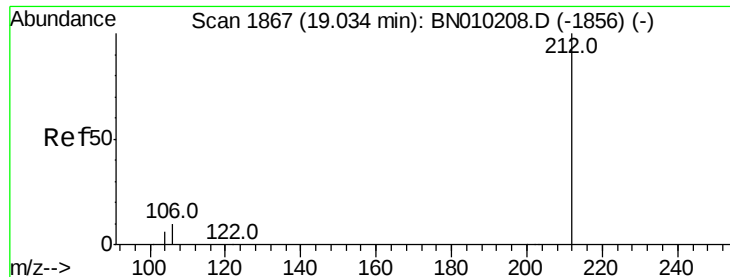


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.373 ng

RT: 19.02 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN010265.D

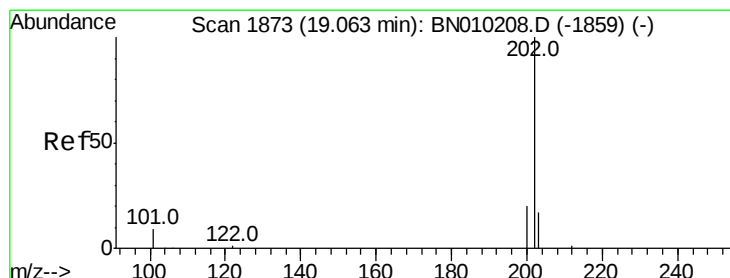
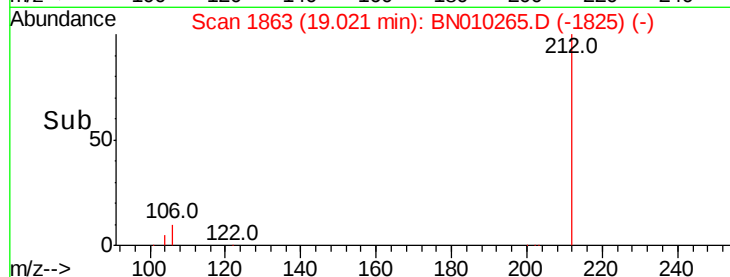
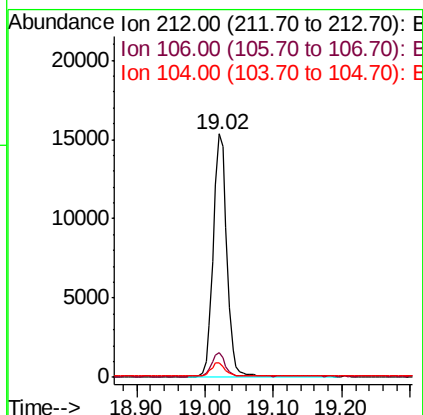
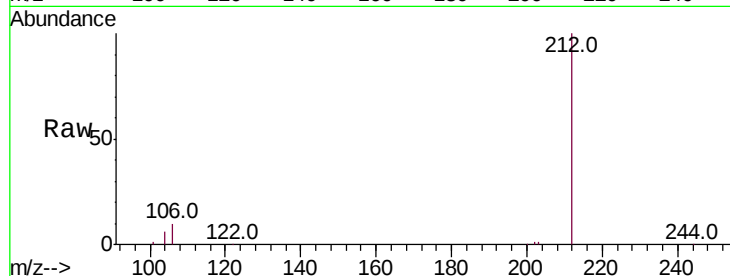
Acq: 18 Mar 2020 16:08

Instrument :

BNA_N

ClientSampleId :

Tot Ion:212	Resp:	21269
Ion Ratio	Lower	Upper
212	100	
106	9.5	8.1 12.1
104	5.4	4.7 7.1



#26

Fluoranthene

Concen: 0.386 ng

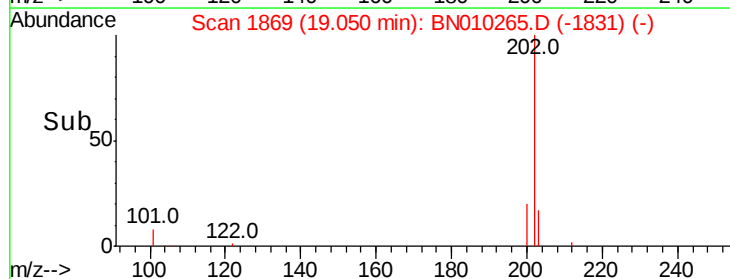
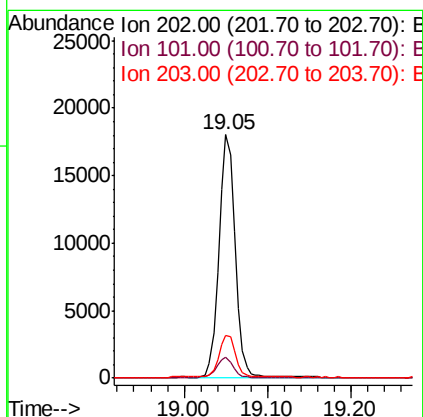
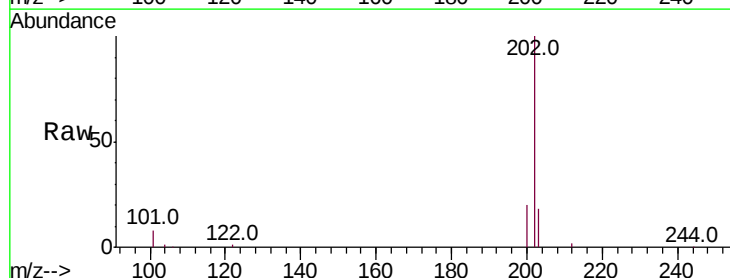
RT: 19.05 min Scan# 1869

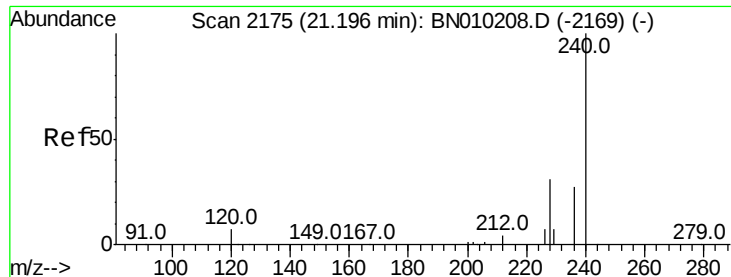
Delta R.T. -0.01 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

Tgt Ion:202	Resp:	23977
Ion Ratio	Lower	Upper
202	100	
101	8.2	7.0 10.6
203	17.3	13.9 20.9

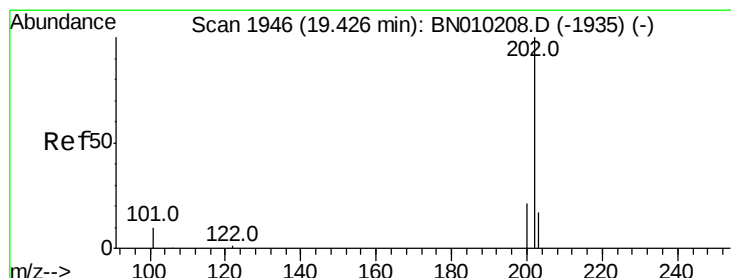
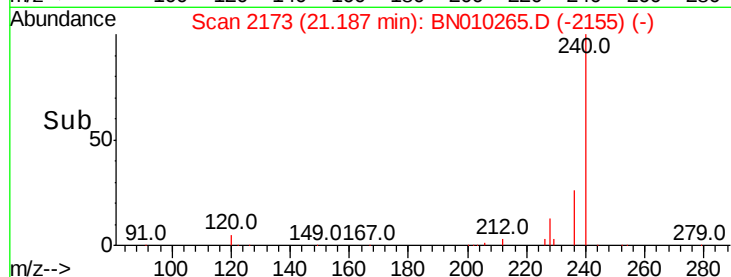
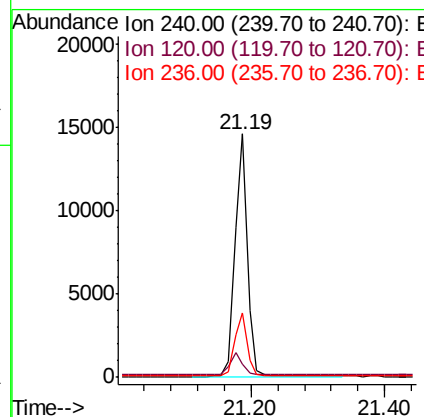
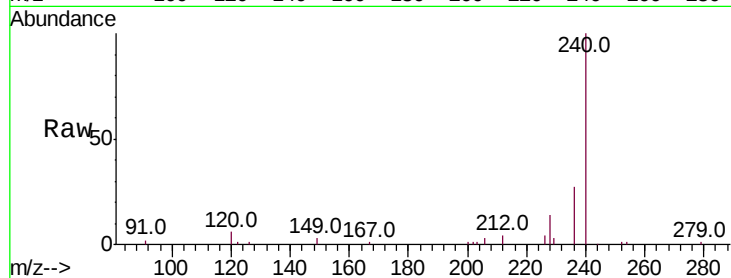




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.19 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BN010265.D
 Acq: 18 Mar 2020 16:08

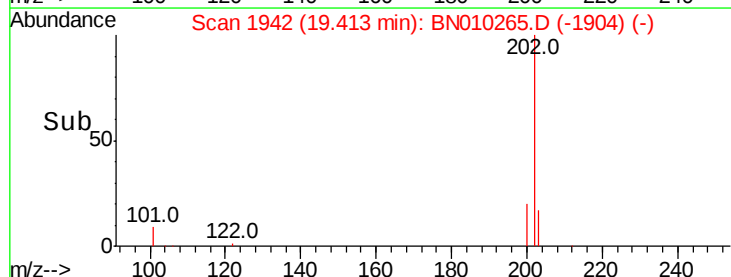
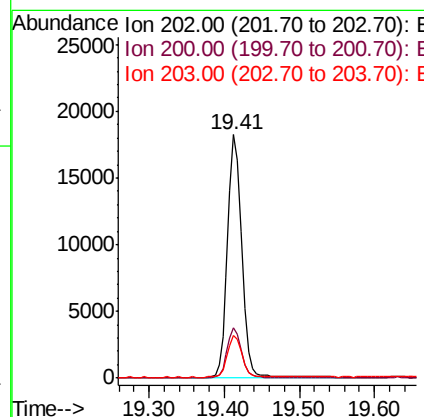
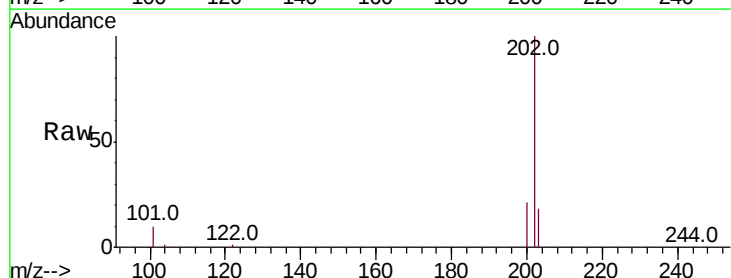
Instrument :
 BNA_N
 ClientSampleId :

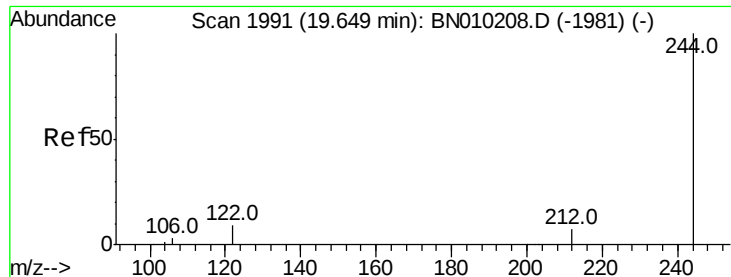
Tot Ion:240 Resp: 18691
 Ion Ratio Lower Upper
 240 100
 120 5.6 7.7 11.5#
 236 26.7 21.8 32.6



#28
 Pyrene
 Concen: 0.383 ng
 RT: 19.41 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: BN010265.D
 Acq: 18 Mar 2020 16:08

Tgt Ion:202 Resp: 23940
 Ion Ratio Lower Upper
 202 100
 200 20.4 16.6 24.8
 203 17.6 14.1 21.1





#29

Terphenyl-d14

Concen: 0.396 ng

RT: 19.63 min Scan# 1986

Delta R.T. -0.02 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

Instrument :

BNA_N

ClientSampleId :

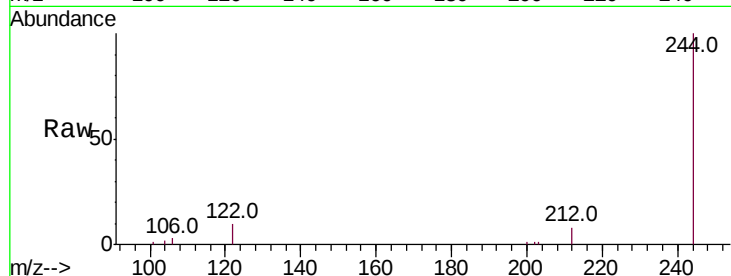
Tot Ion:244 Resp: 16868

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

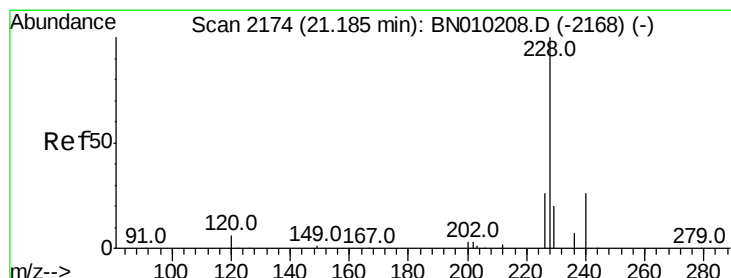
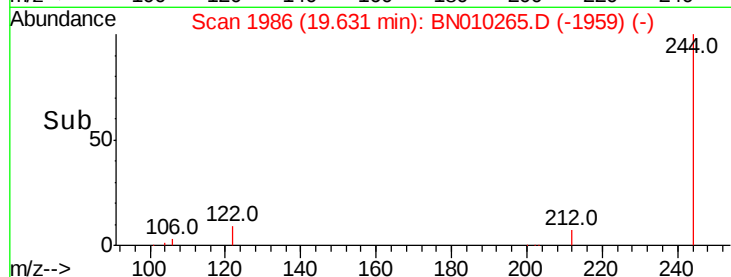
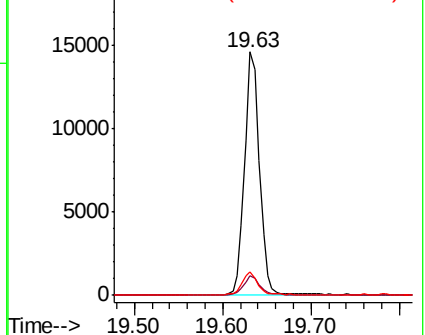
122 9.7 8.1 12.1



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: 0.358 ng

RT: 21.17 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

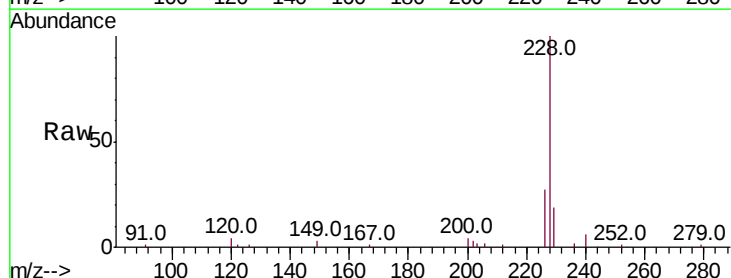
Tgt Ion:228 Resp: 22752

Ion Ratio Lower Upper

228 100

226 27.4 21.1 31.7

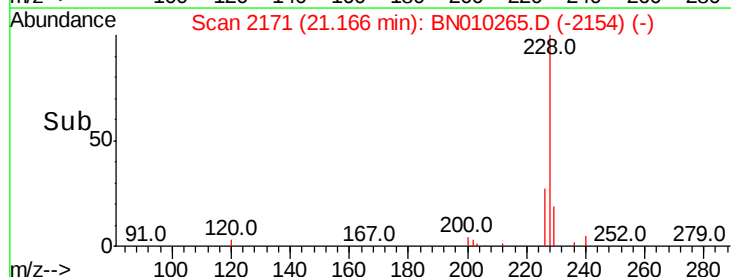
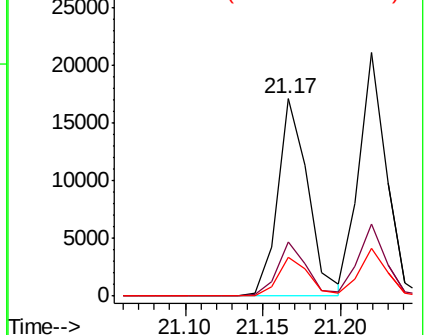
229 19.4 16.2 24.4

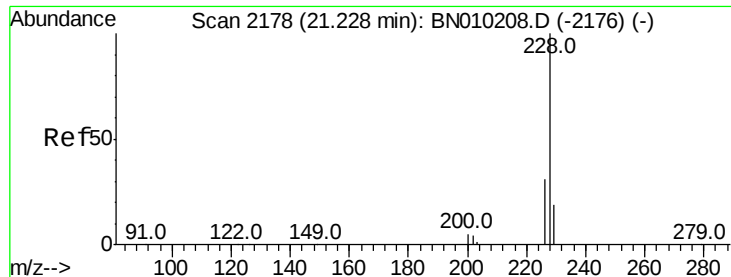


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.409 ng

RT: 21.22 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

Instrument :

BNA_N

ClientSampleId :

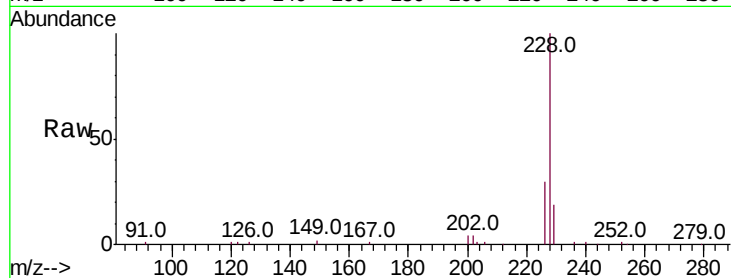
Tot Ion:228 Resp: 25589

Ion Ratio Lower Upper

228 100

226 29.6 25.0 37.4

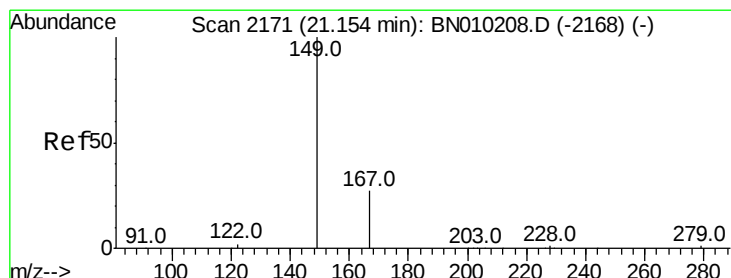
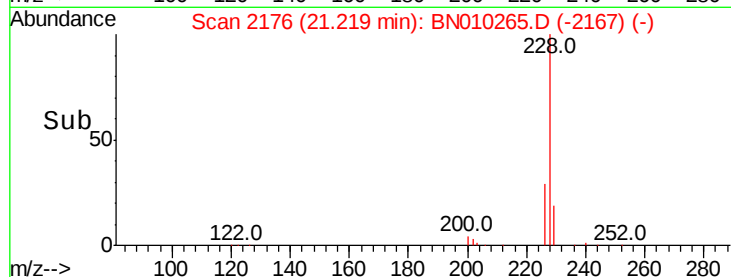
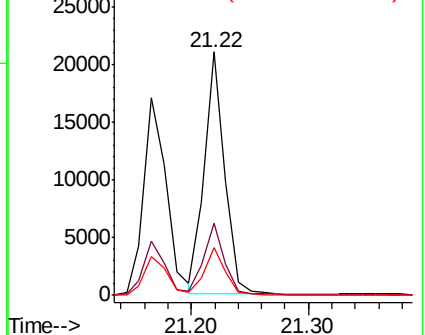
229 19.4 15.7 23.5



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: 0.208 ng

RT: 21.13 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

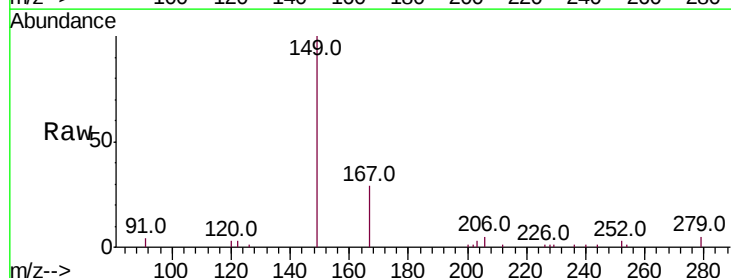
Tgt Ion:149 Resp: 5627

Ion Ratio Lower Upper

149 100

167 29.1 21.0 31.4

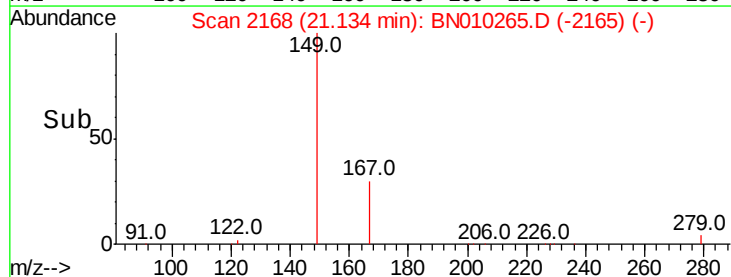
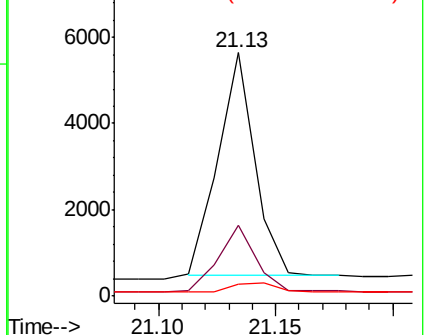
279 5.1 3.1 4.7#

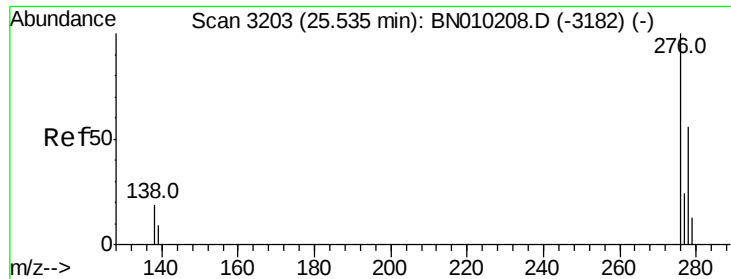


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.387 ng

RT: 25.51 min Scan# 3193

Delta R.T. -0.03 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

Instrument :

BNA_N

ClientSampleId :

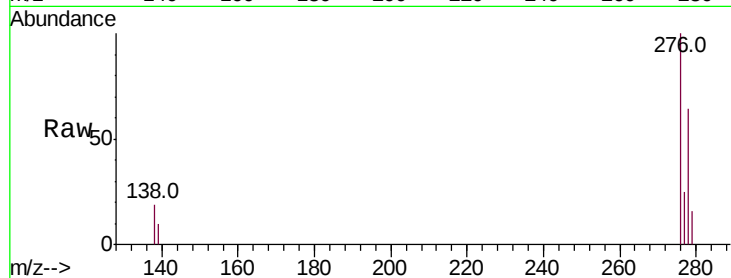
Tot Ion:276 Resp: 28752

Ion Ratio Lower Upper

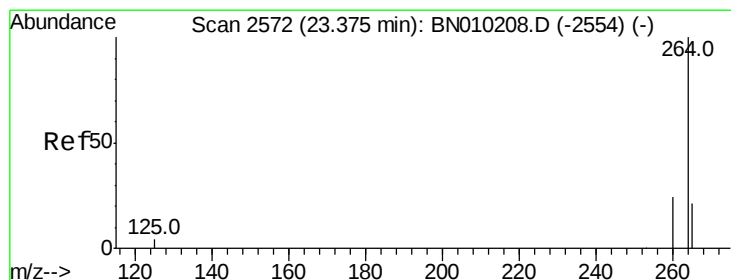
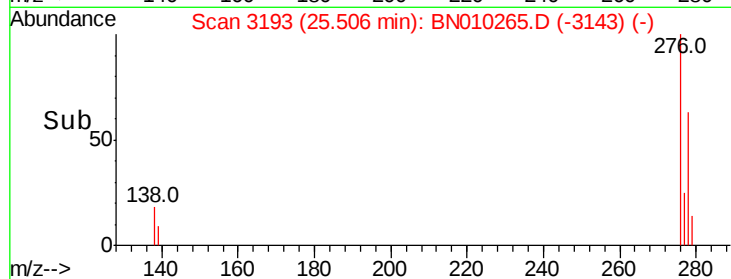
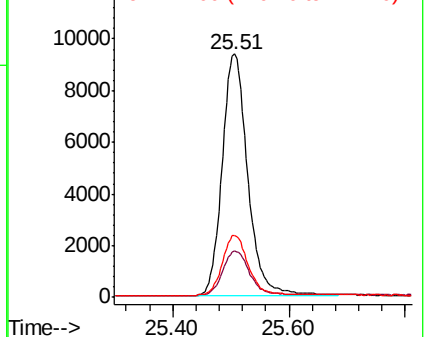
276 100

138 19.2 15.8 23.6

277 25.1 19.3 28.9



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



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.36 min Scan# 2565

Delta R.T. -0.02 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

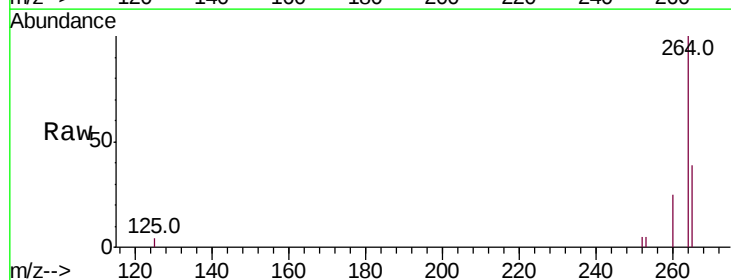
Tgt Ion:264 Resp: 20210

Ion Ratio Lower Upper

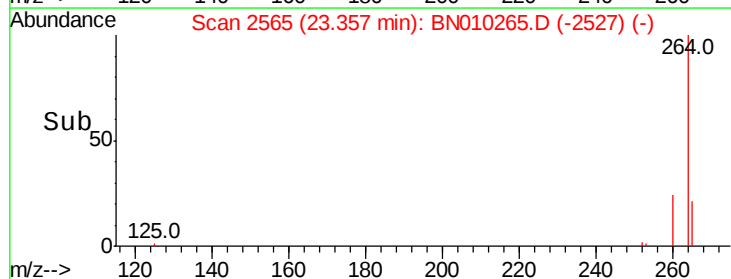
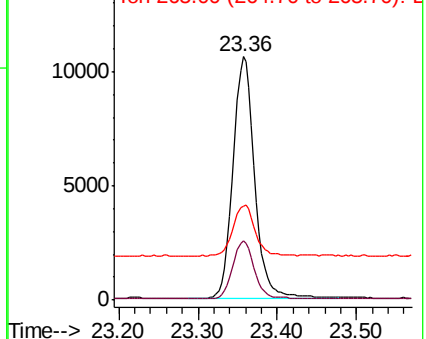
264 100

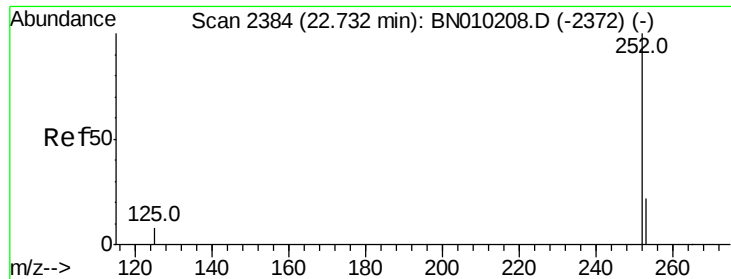
260 24.5 19.7 29.5

265 38.8 25.8 38.6#



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

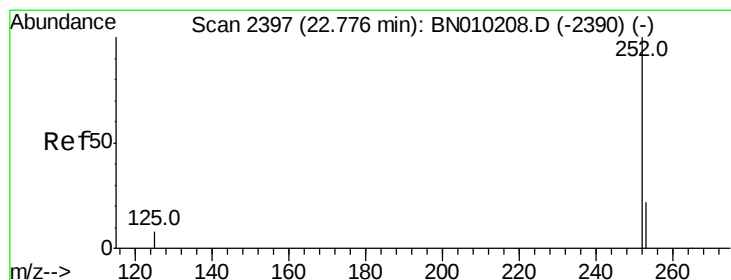
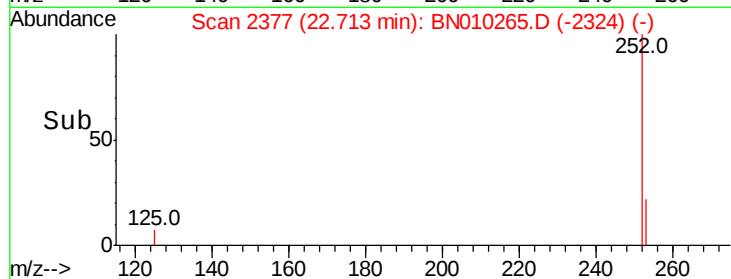
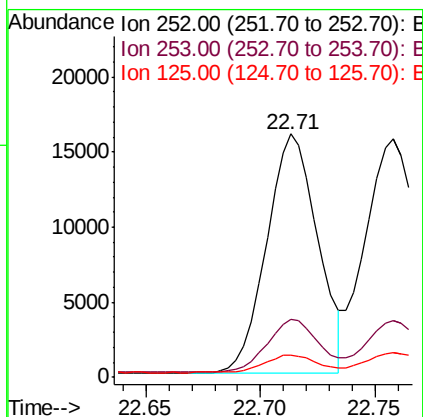
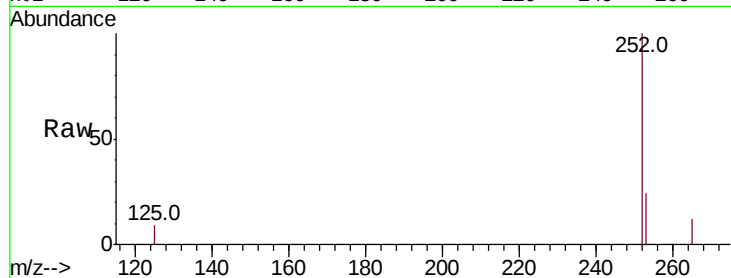




#35
Benzo(b)fluoranthene
Concen: 0.396 ng
RT: 22.71 min Scan# 2377
Delta R.T. -0.02 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

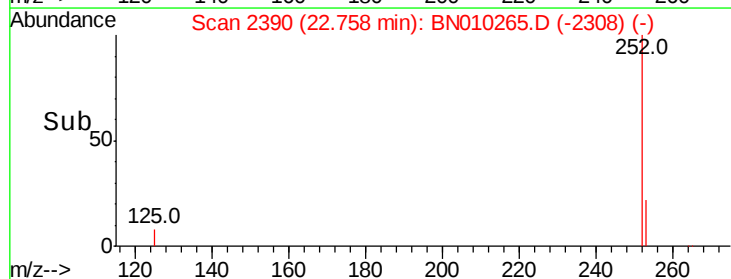
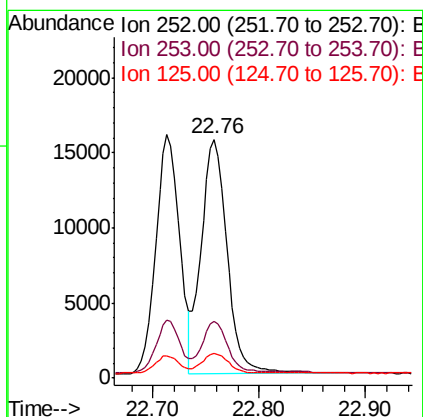
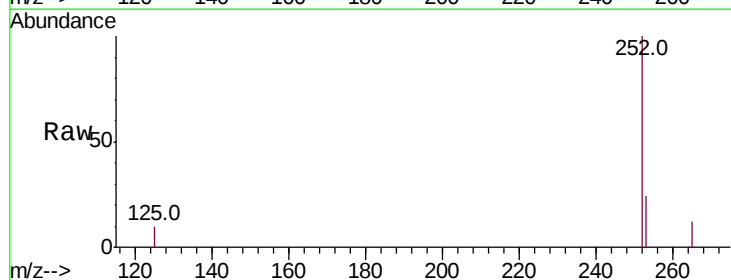
Instrument :
BNA_N
ClientSampleId :

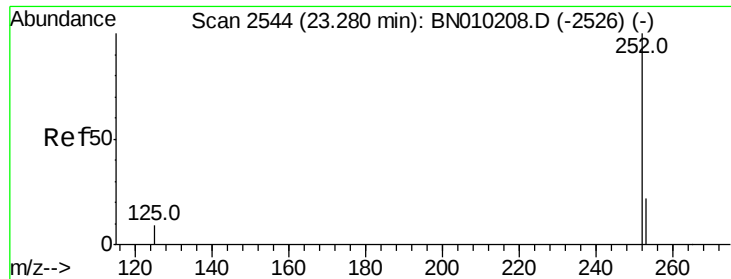
Tot Ion:252 Resp: 24588
Ion Ratio Lower Upper
252 100
253 23.7 18.6 28.0
125 8.9 7.9 11.9



#36
Benzo(k)fluoranthene
Concen: 0.419 ng
RT: 22.76 min Scan# 2390
Delta R.T. -0.02 min
Lab File: BN010265.D
Acq: 18 Mar 2020 16:08

Tgt Ion:252 Resp: 26285
Ion Ratio Lower Upper
252 100
253 23.7 18.8 28.2
125 10.4 8.2 12.4





#37

Benzo(a)pyrene

Concen: 0.352 ng

RT: 23.26 min Scan# 2538

Delta R.T. -0.02 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

Instrument :

BNA_N

ClientSampleId :

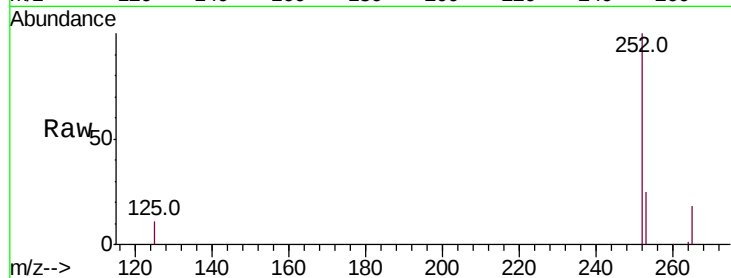
Tot Ion:252 Resp: 20625

Ion Ratio Lower Upper

252 100

253 25.0 19.1 28.7

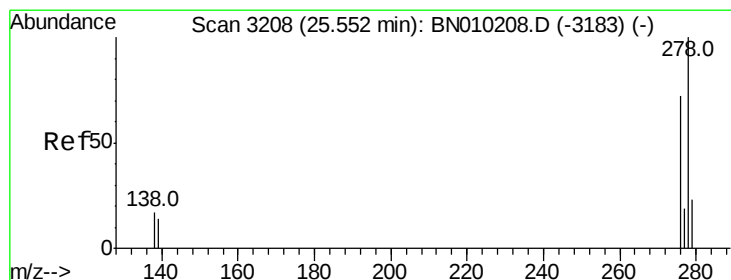
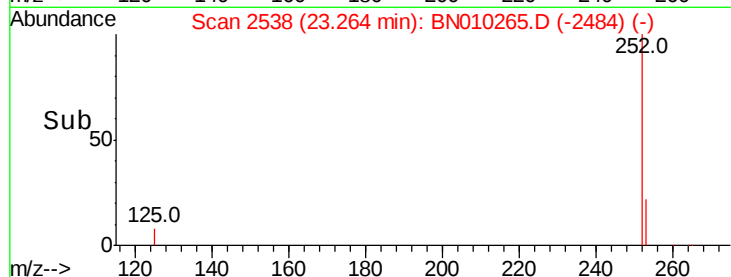
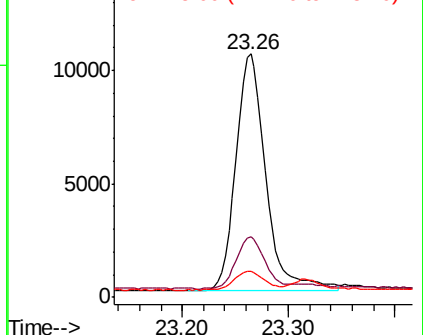
125 10.8 9.2 13.8



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: 0.405 ng

RT: 25.52 min Scan# 3198

Delta R.T. -0.03 min

Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

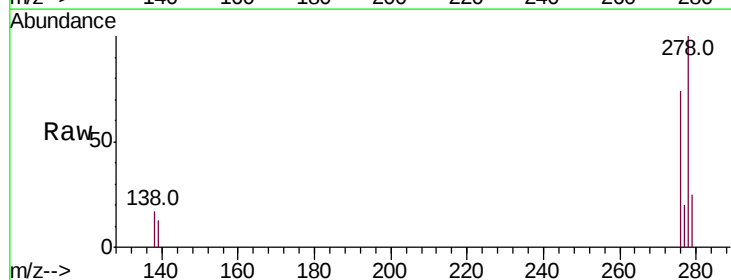
Tgt Ion:278 Resp: 23834

Ion Ratio Lower Upper

278 100

139 13.0 12.4 18.6

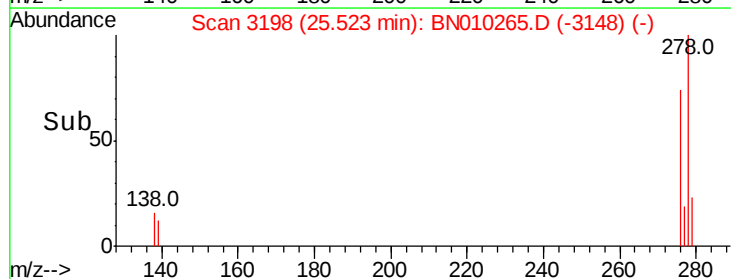
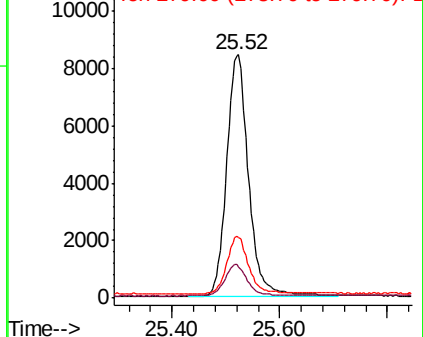
279 25.0 20.2 30.2

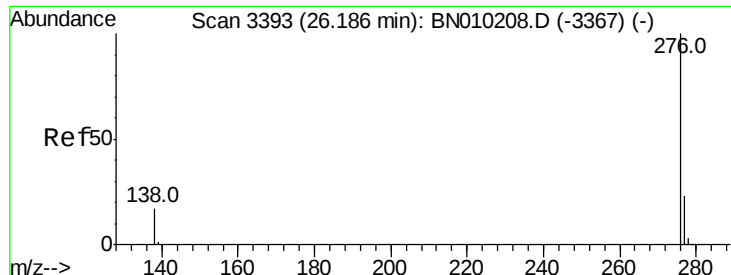


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.396 ng

RT: 26.15 min Scan# 3382

Delta R.T. -0.03 min

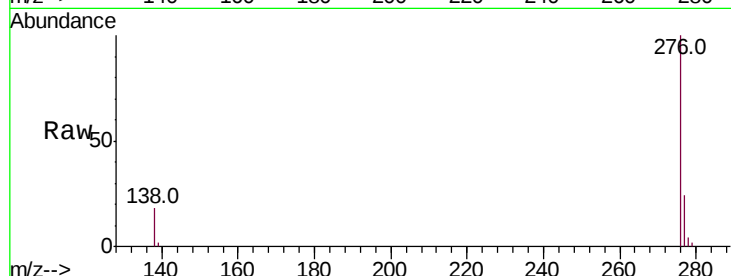
Lab File: BN010265.D

Acq: 18 Mar 2020 16:08

Instrument :

BNA_N

ClientSampleId :



Tot Ion: 276 Resp: 23279

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.2

138 17.5 15.4 23.2

