

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
 Data File : BN010273.D
 Acq On : 18 Mar 2020 20:57
 Operator : CG/JU
 Sample : L1945-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 19 01:14:04 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

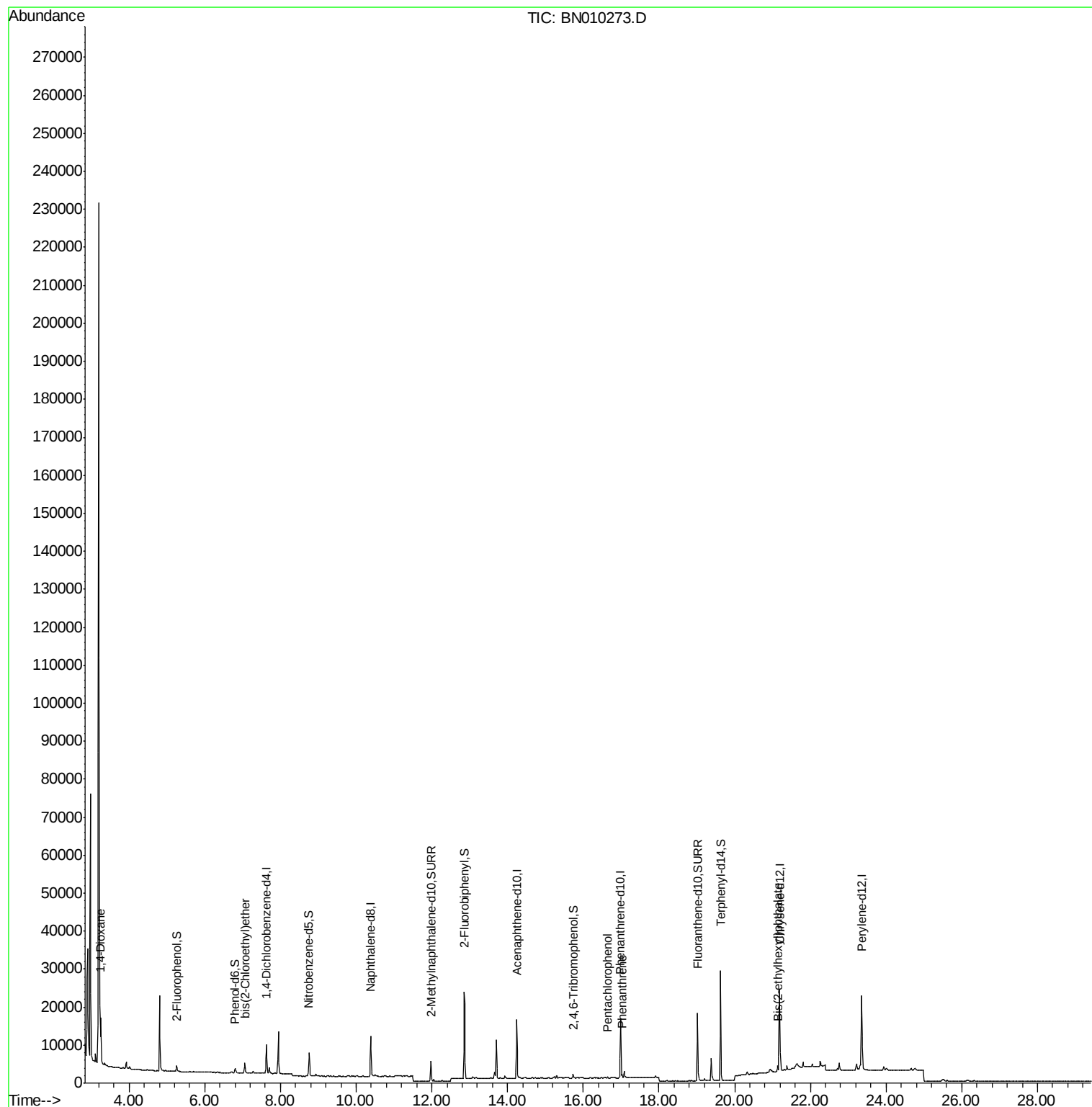
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3898	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	13673	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	8423	0.40	ng	-0.02
19) Phenanthrene-d10	16.98	188	21424	0.40	ng	-0.01
27) Chrysene-d12	21.19	240	22446	0.40	ng	0.00
34) Perylene-d12	23.35	264	24384	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	1346	0.15	ng	0.00
5) Phenol-d6	6.81	99	1094	0.10	ng	0.00
8) Nitrobenzene-d5	8.76	82	5362	0.65	ng	-0.01
11) 2-Methylnaphthalene-d10	11.97	152	7152	0.32	ng	-0.02
14) 2,4,6-Tribromophenol	15.74	330	1010	0.33	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	21415	0.71	ng	-0.02
25) Fluoranthene-d10	19.02	212	21272	0.32	ng	-0.01
29) Terphenyl-d14	19.63	244	28315	0.55	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.26	88	6929	1.822	ng	Qvalue # 51
6) bis(2-Chloroethyl)ether	7.06	93	2021	0.212	ng	95
22) Pentachlorophenol	16.64	266	141	0.038	ng	94
23) Phenanthrene	17.02	178	1156	0.020	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.13	149	1313	0.040	ng	# 99

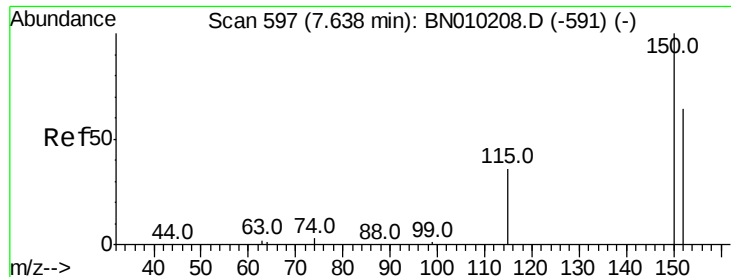
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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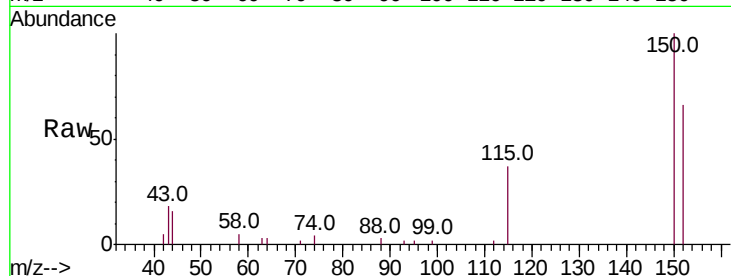


#1

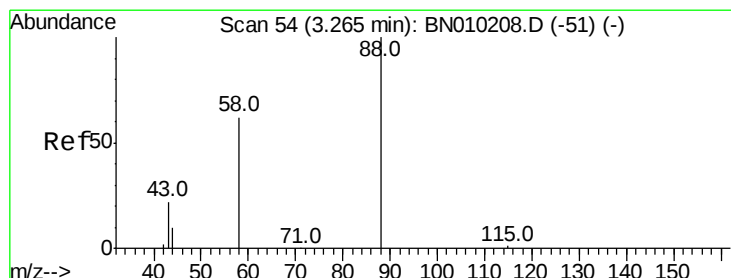
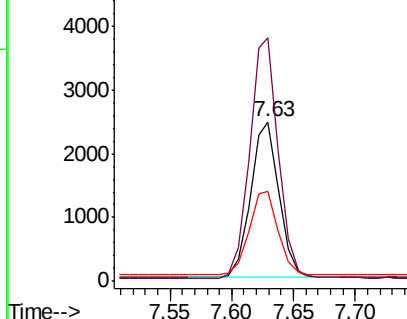
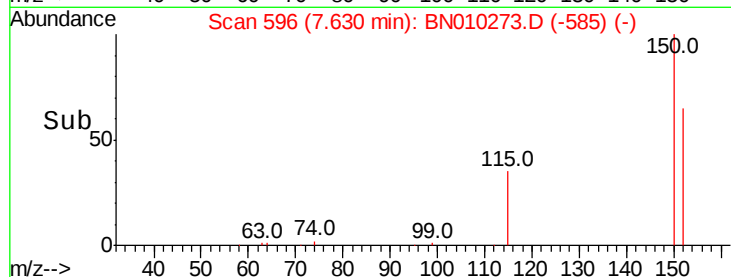
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010273.D
Acq: 18 Mar 2020 20:57

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 3898
Ion Ratio Lower Upper
152 100
150 152.5 119.5 179.3
115 56.7 50.9 76.3



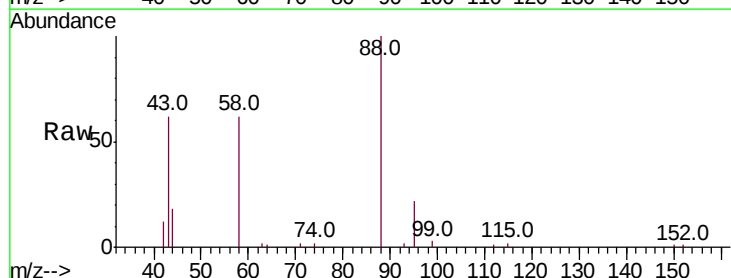
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



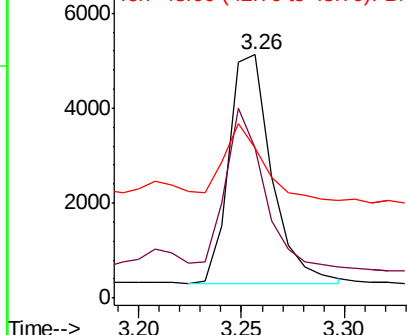
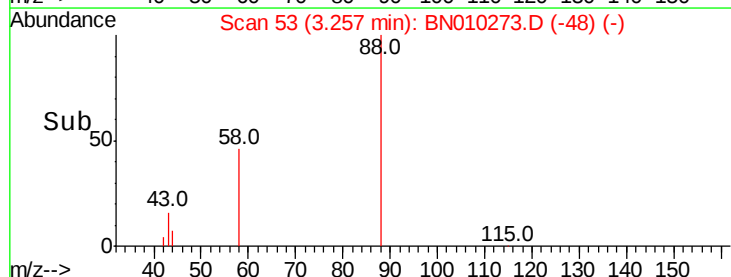
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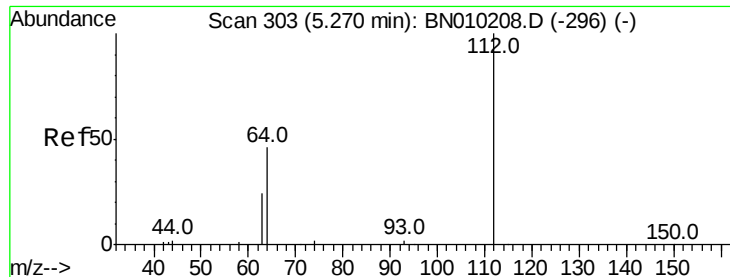
1,4-Dioxane
Concen: 1.822 ng
RT: 3.26 min Scan# 53
Delta R.T. -0.01 min
Lab File: BN010273.D
Acq: 18 Mar 2020 20:57

Tgt Ion: 88 Resp: 6929
Ion Ratio Lower Upper
88 100
58 61.4 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





#4

2-Fluorophenol

Concen: 0.147 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010273.D

Acq: 18 Mar 2020 20:57

Instrument :

BNA_N

ClientSampleId :

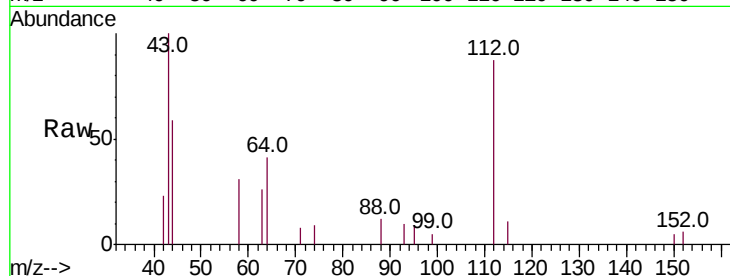
Tot Ion:112 Resp: 1346

Ion Ratio Lower Upper

112 100

64 50.7 42.6 63.8

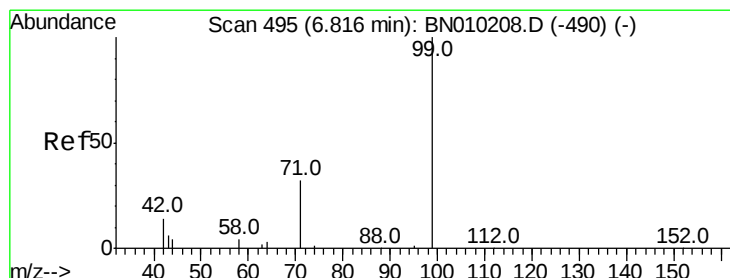
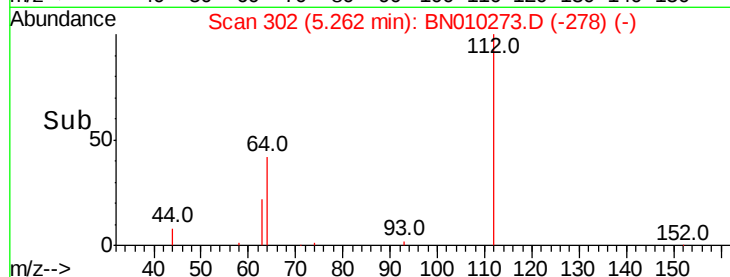
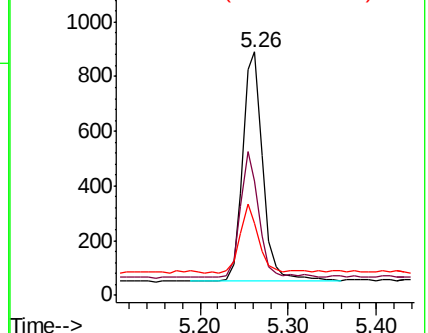
63 26.7 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#5

Phenol-d6

Concen: 0.096 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010273.D

Acq: 18 Mar 2020 20:57

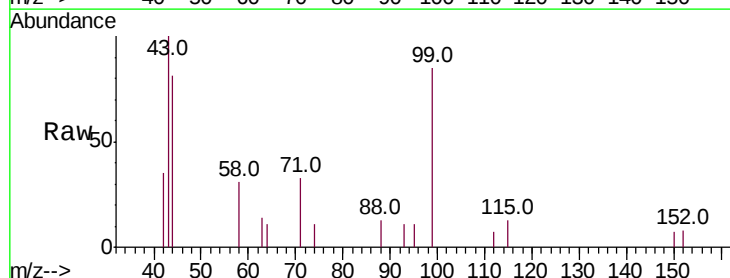
Tgt Ion: 99 Resp: 1094

Ion Ratio Lower Upper

99 100

42 29.1 12.0 18.0#

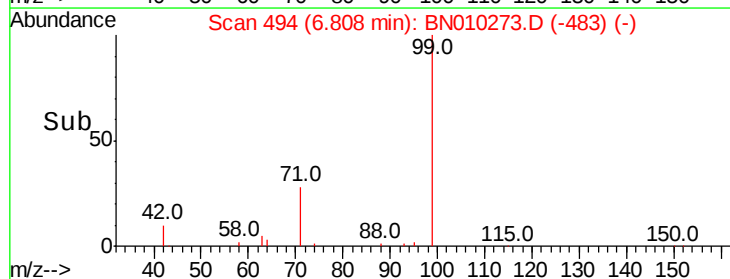
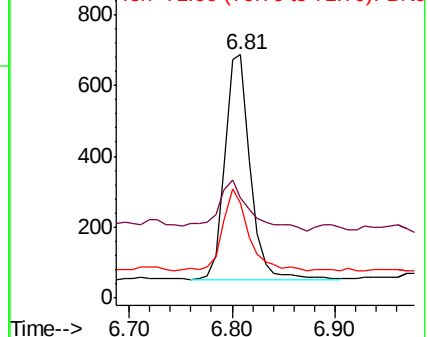
71 37.6 22.6 33.8#

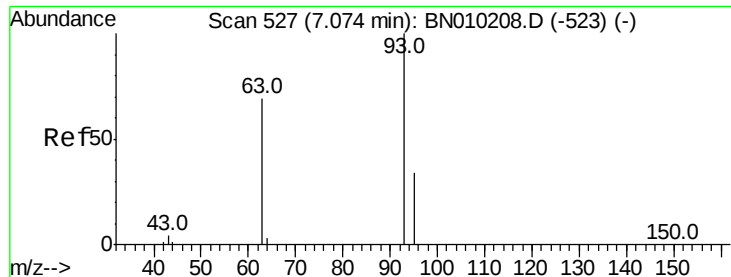


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B



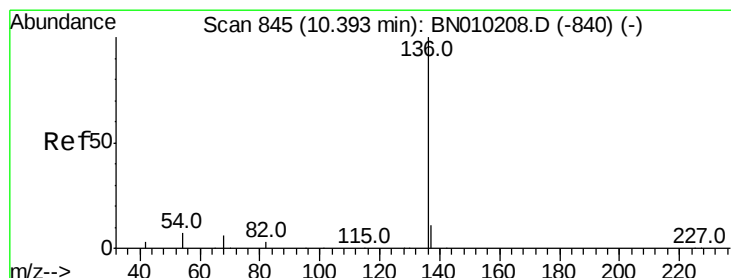
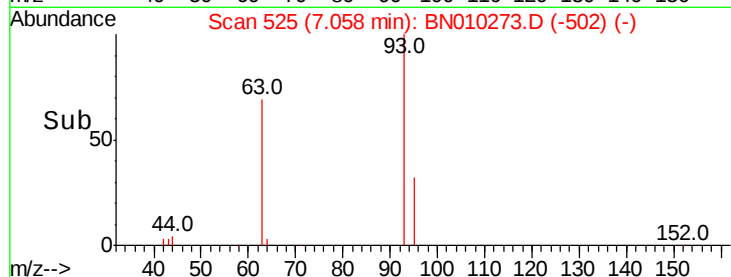
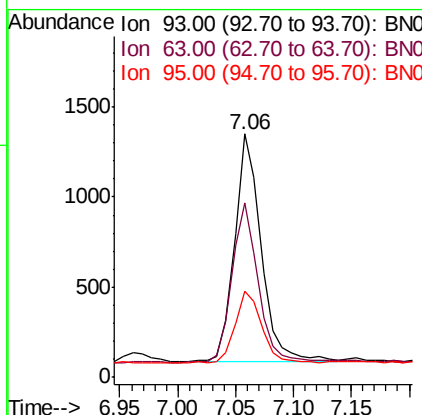
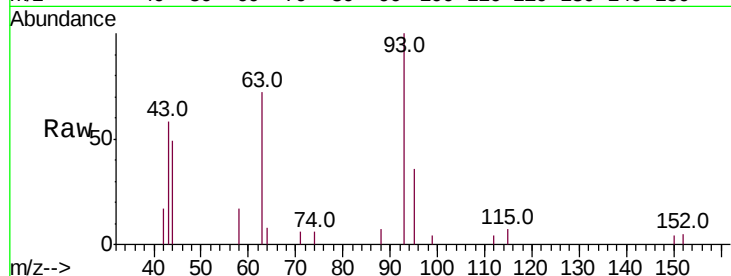


#6

bis(2-Chloroethyl)ether
Concen: 0.212 ng
RT: 7.06 min Scan# 525
Delta R.T. -0.02 min
Lab File: BN010273.D
Acq: 18 Mar 2020 20:57

Instrument :
BNA_N
ClientSampleId :

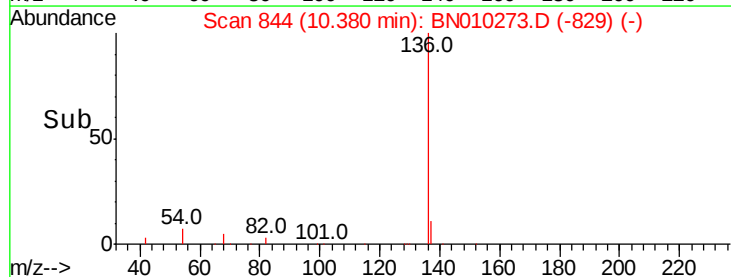
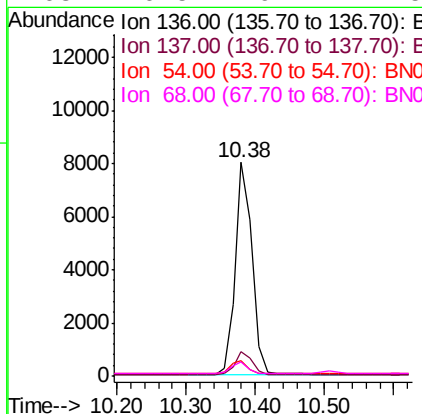
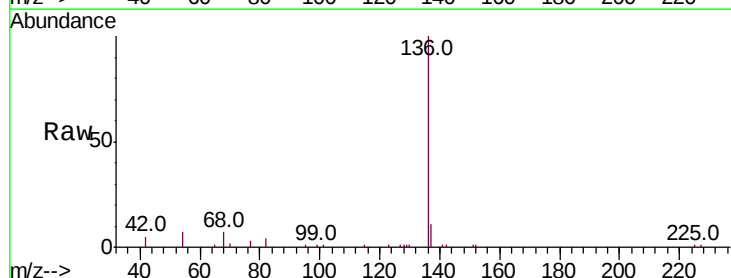
Tot Ion:	93	Resp:	2021
Ion	Ratio	Lower	Upper
93	100		
63	71.0	53.4	80.0
95	32.6	28.6	42.8

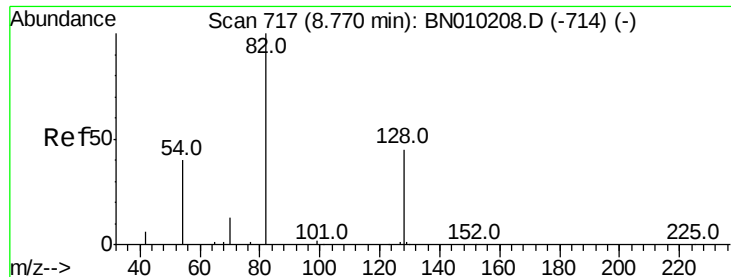


#7

Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 844
Delta R.T. -0.01 min
Lab File: BN010273.D
Acq: 18 Mar 2020 20:57

Tgt Ion:	136	Resp:	13673
Ion	Ratio	Lower	Upper
136	100		
137	11.5	10.6	15.8
54	7.5	9.5	14.3#
68	6.5	9.7	14.5#

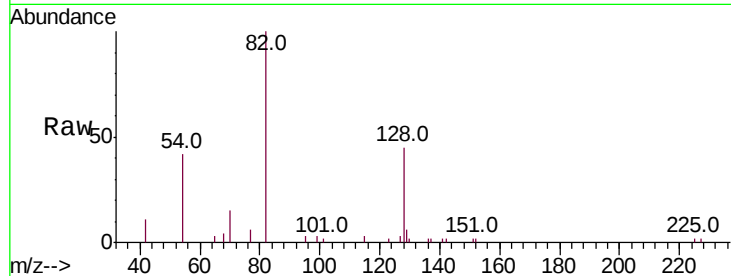




#8
 Nitrobenzene-d5
 Concen: 0.654 ng
 RT: 8.76 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BN010273.D
 Acq: 18 Mar 2020 20:57

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	82	Resp	5362
Ion Ratio	100	Lower	Upper
128	45.0	35.0	52.6
54	42.0	37.0	55.4

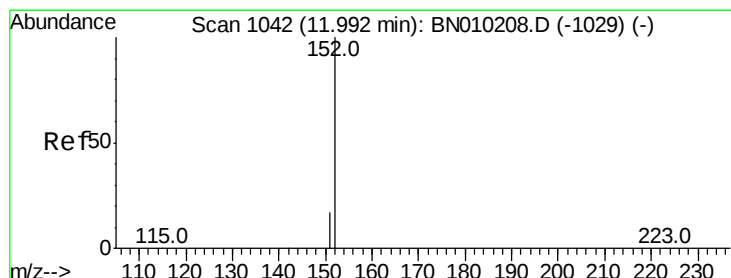
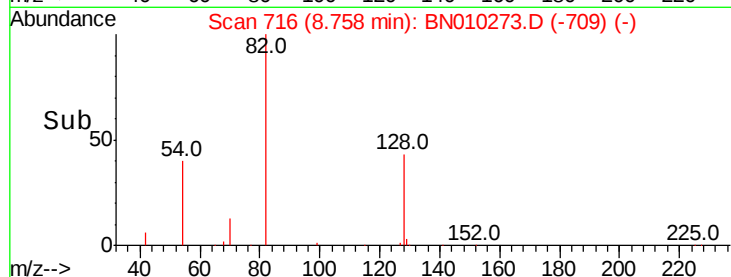
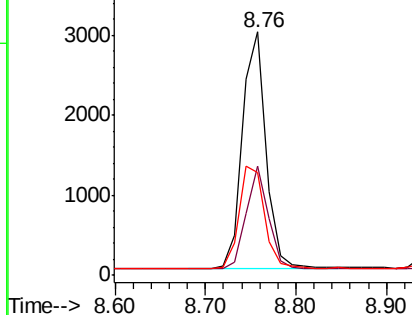


Abundance

Ion 82.00 (81.70 to 82.70): BN0

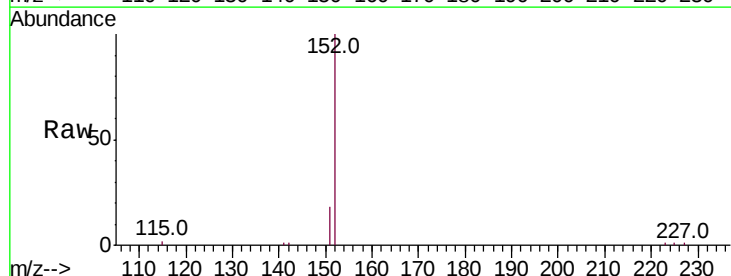
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0



#11
 2-Methylnaphthalene-d10
 Concen: 0.317 ng
 RT: 11.97 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BN010273.D
 Acq: 18 Mar 2020 20:57

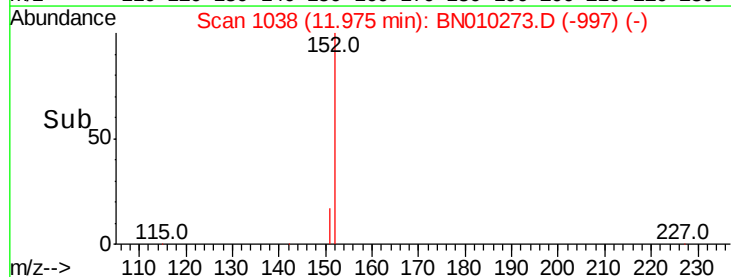
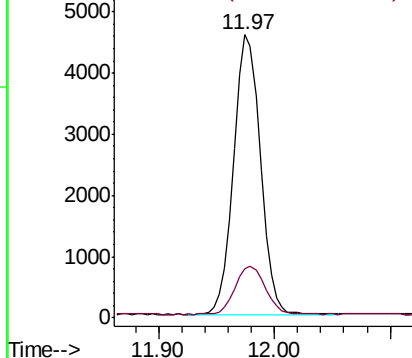
Tgt Ion	152	Resp	7152
Ion Ratio	100	Lower	Upper
151	19.4	15.0	22.6

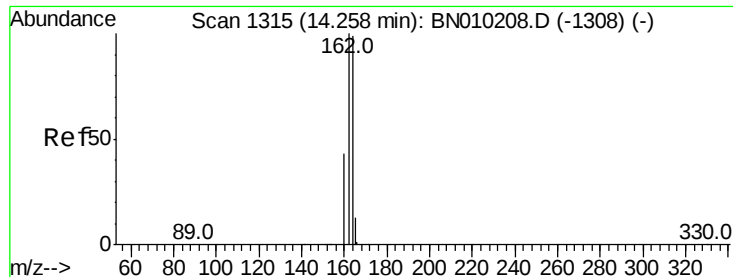


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.24 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BN010273.D

Acq: 18 Mar 2020 20:57

Instrument :

BNA_N

ClientSampleId :

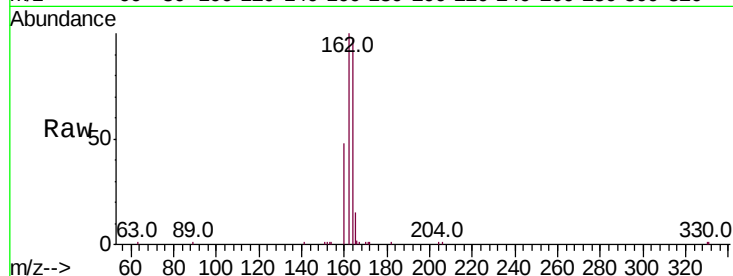
Tot Ion:164 Resp: 8423

Ion Ratio Lower Upper

164 100

162 102.8 81.0 121.4

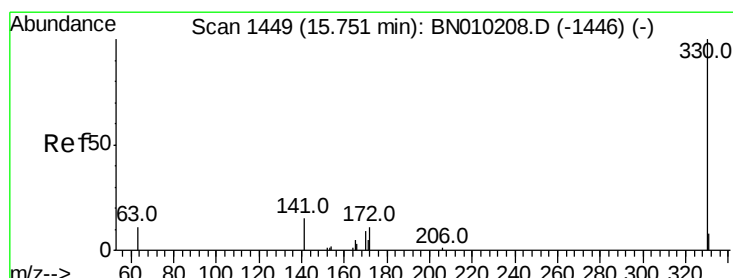
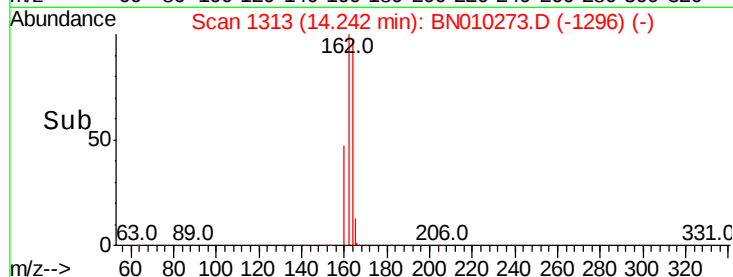
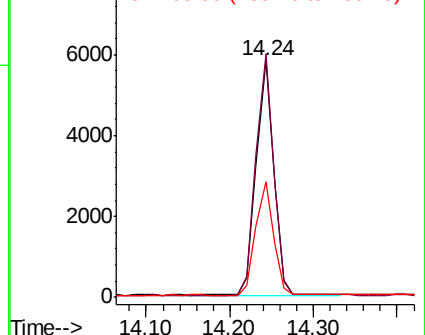
160 49.0 35.6 53.4



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: 0.335 ng

RT: 15.74 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BN010273.D

Acq: 18 Mar 2020 20:57

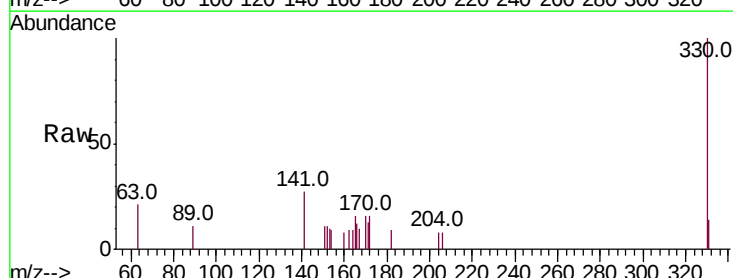
Tgt Ion:330 Resp: 1010

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

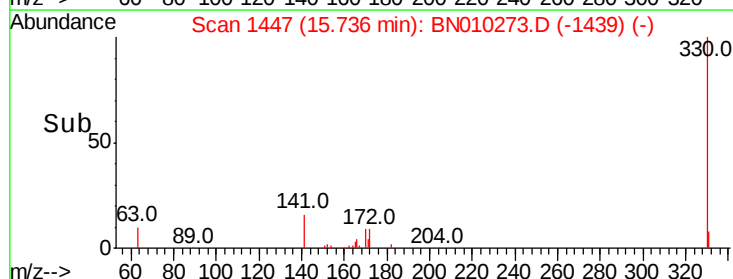
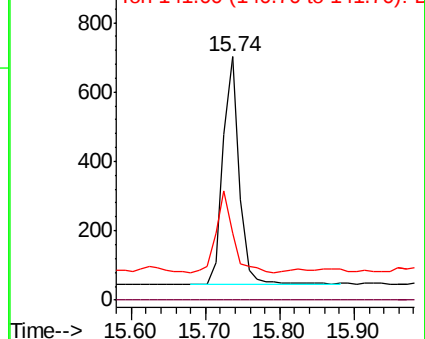
141 36.2 25.1 37.7

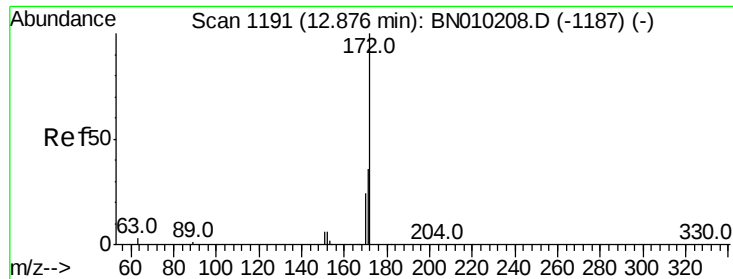


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

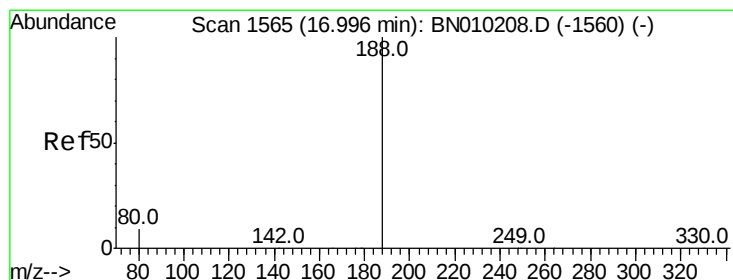
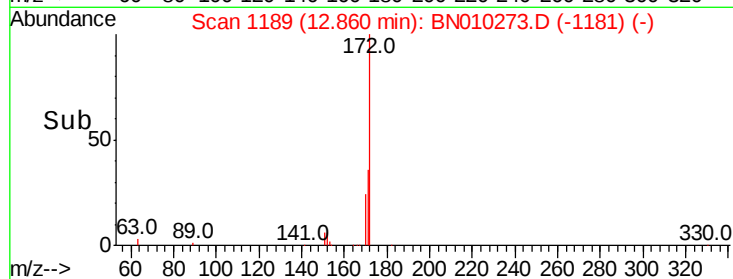
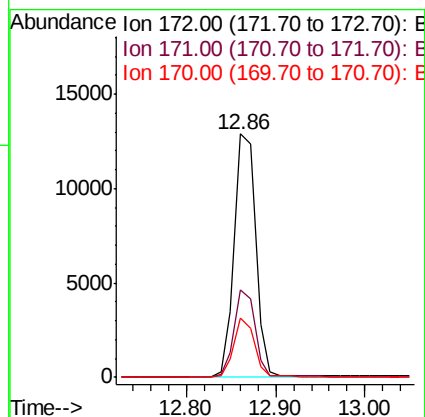
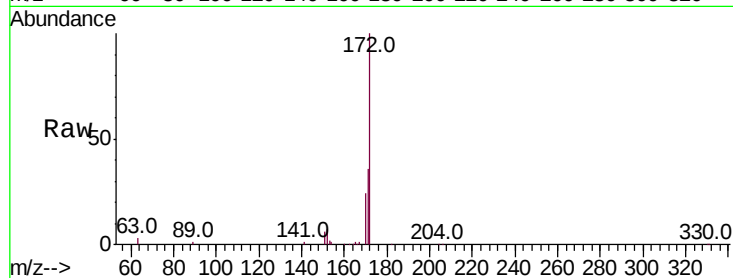




#15
2-Fluorobiphenyl
Concen: 0.714 ng
RT: 12.86 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BN010273.D
Acq: 18 Mar 2020 20:57

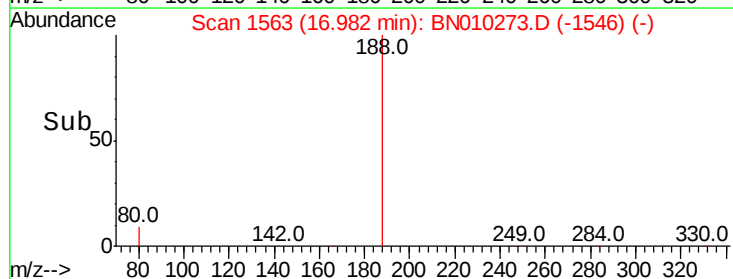
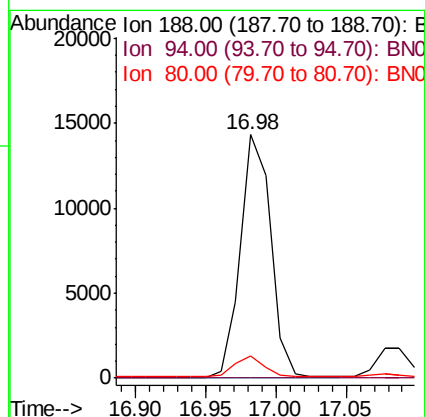
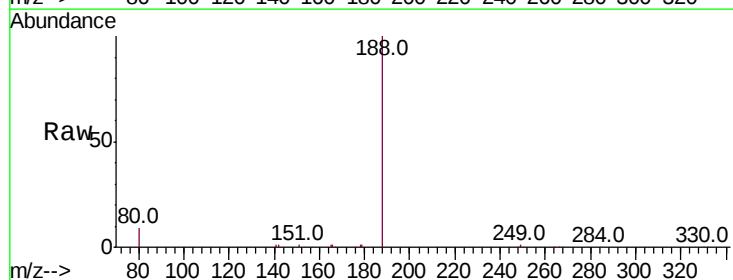
Instrument :
BNA_N
ClientSampleId :

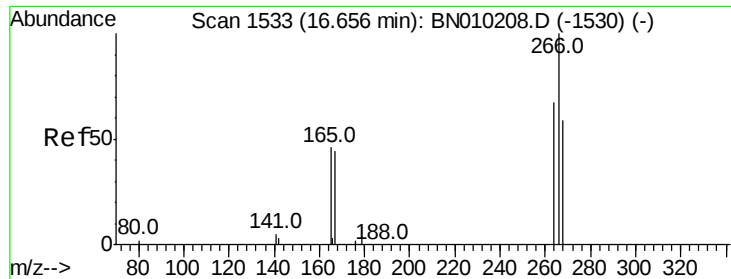
Tot Ion:172 Resp: 21415
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.2
170 24.2 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.98 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN010273.D
Acq: 18 Mar 2020 20:57

Tgt Ion:188 Resp: 21424
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 8.6 12.8

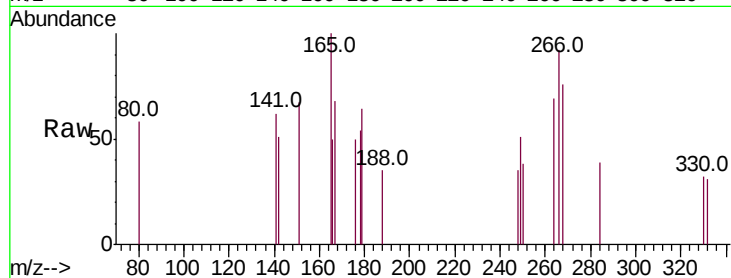




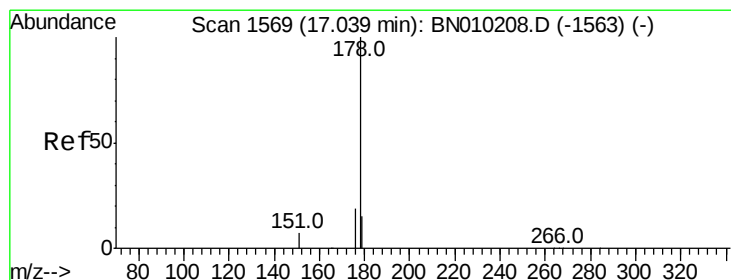
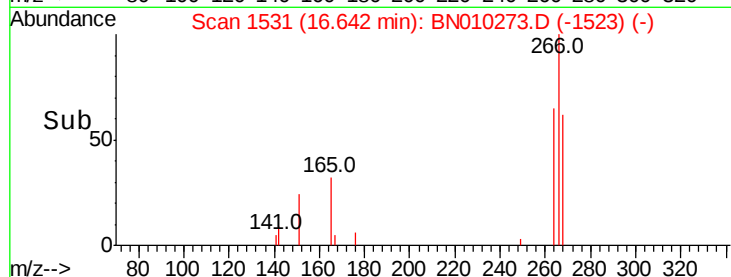
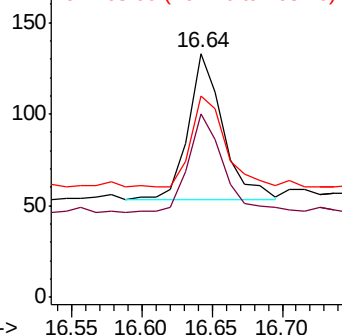
#22
 Pentachlorophenol
 Concen: 0.038 ng
 RT: 16.64 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BN010273.D
 Acq: 18 Mar 2020 20:57

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:266 Resp: 141
 Ion Ratio Lower Upper
 266 100
 264 75.2 56.2 84.2
 268 82.7 61.4 92.2

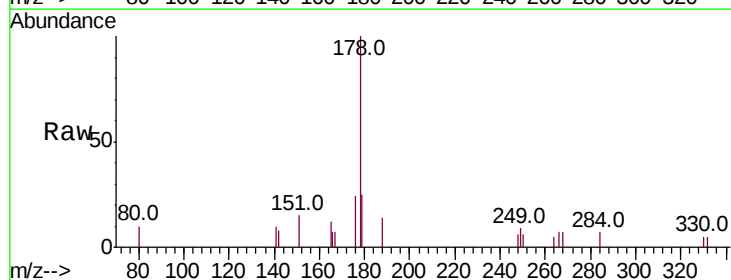


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

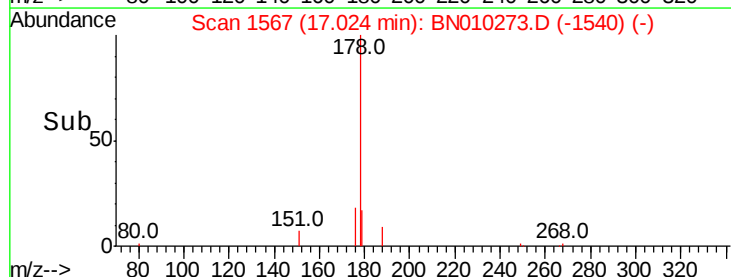
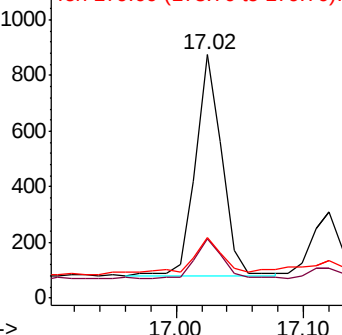


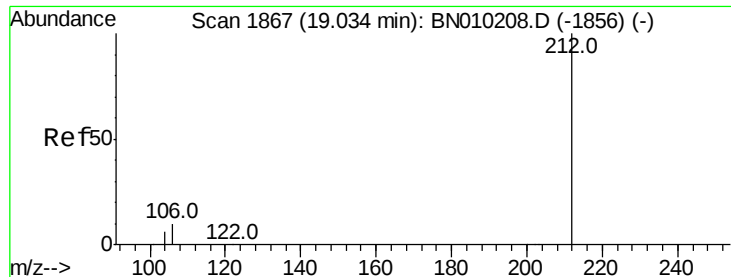
#23
 Phenanthrene
 Concen: 0.020 ng
 RT: 17.02 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BN010273.D
 Acq: 18 Mar 2020 20:57

Tgt Ion:178 Resp: 1156
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.0 22.4
 179 20.8 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: 0.322 ng

RT: 19.02 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN010273.D

Acq: 18 Mar 2020 20:57

Instrument :

BNA_N

ClientSampleId :

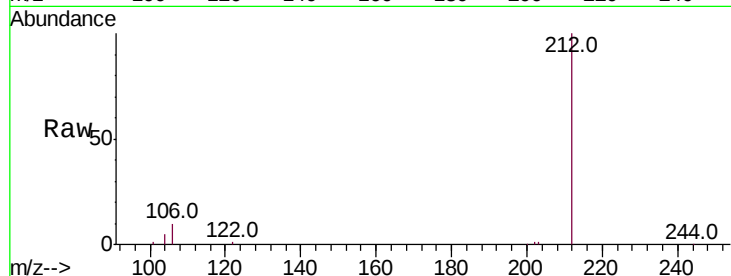
Tot Ion:212 Resp: 21272

Ion Ratio Lower Upper

212 100

106 9.6 8.1 12.1

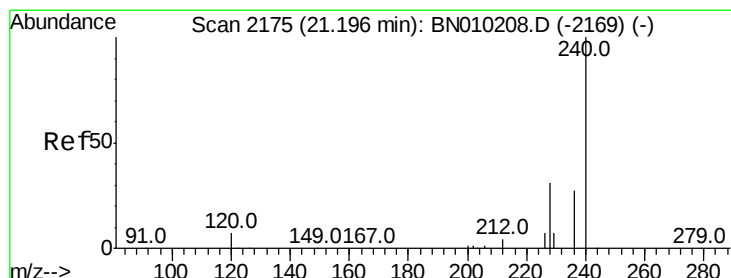
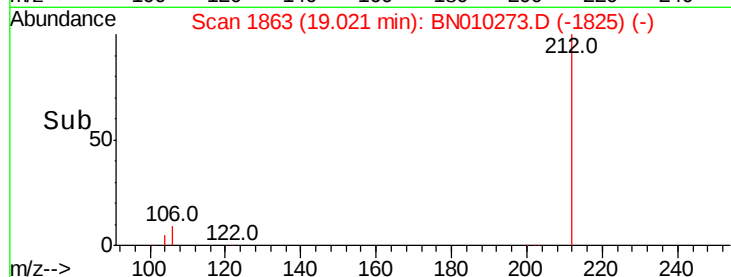
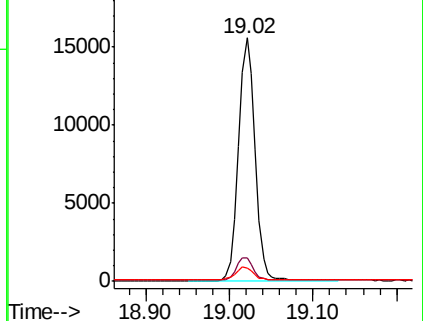
104 5.4 4.7 7.1



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



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.19 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BN010273.D

Acq: 18 Mar 2020 20:57

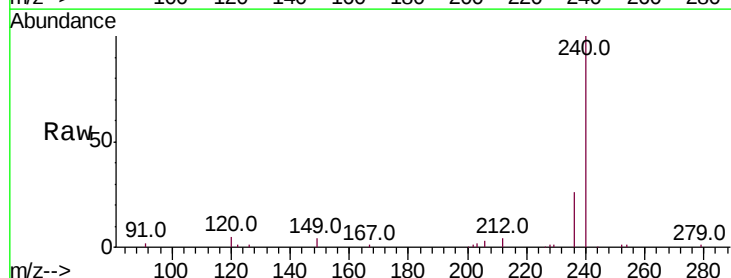
Tgt Ion:240 Resp: 22446

Ion Ratio Lower Upper

240 100

120 5.3 7.7 11.5#

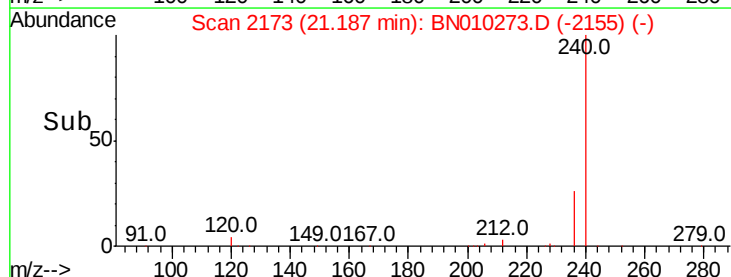
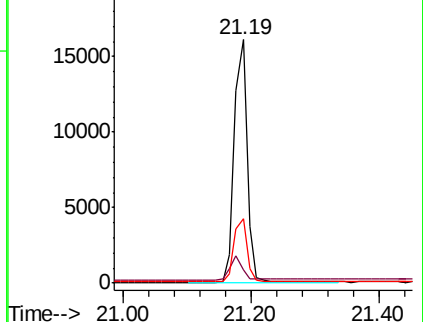
236 26.3 21.8 32.6

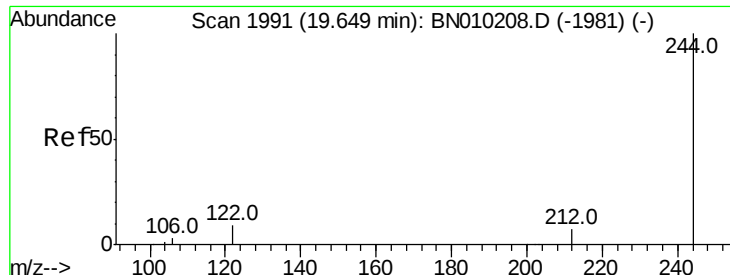


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.553 ng

RT: 19.63 min Scan# 1986

Delta R.T. -0.02 min

Lab File: BN010273.D

Acq: 18 Mar 2020 20:57

Instrument :

BNA_N

ClientSampleId :

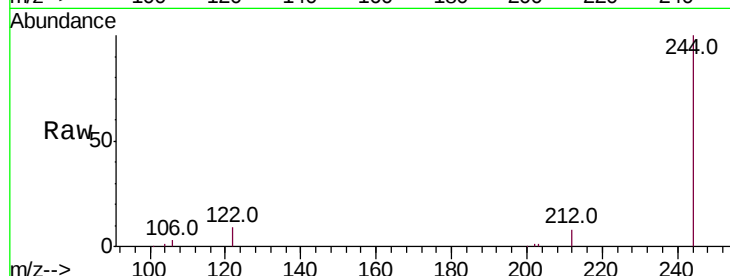
Tot Ion:244 Resp: 28315

Ion Ratio Lower Upper

244 100

212 8.1 6.4 9.6

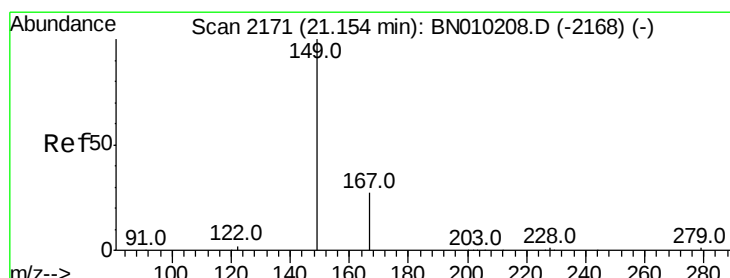
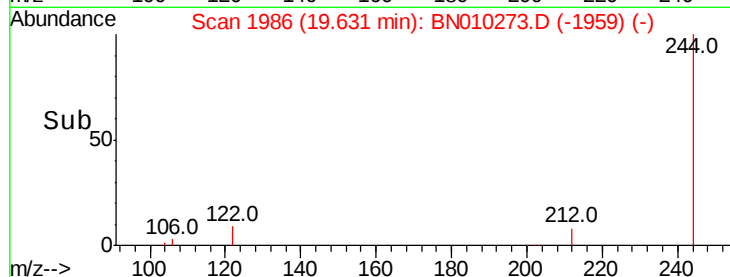
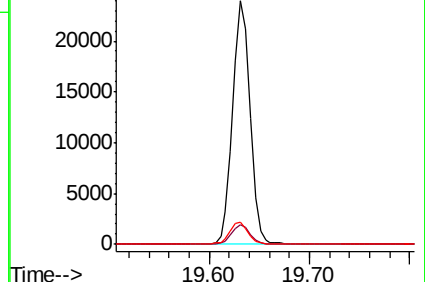
122 9.1 8.1 12.1



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.040 ng

RT: 21.13 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BN010273.D

Acq: 18 Mar 2020 20:57

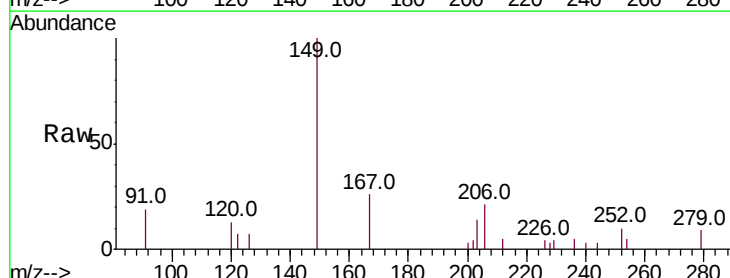
Tgt Ion:149 Resp: 1313

Ion Ratio Lower Upper

149 100

167 25.8 21.0 31.4

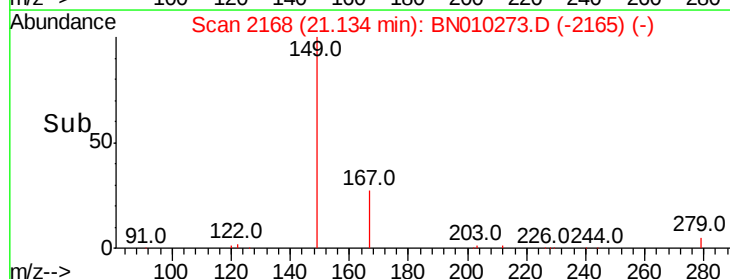
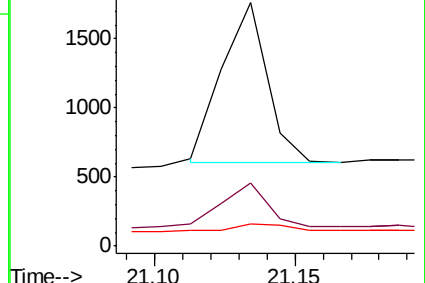
279 5.0 3.1 4.7#

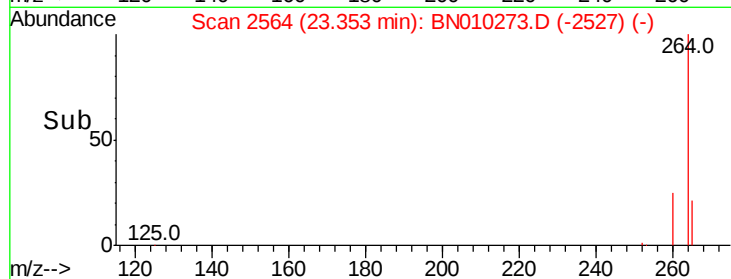
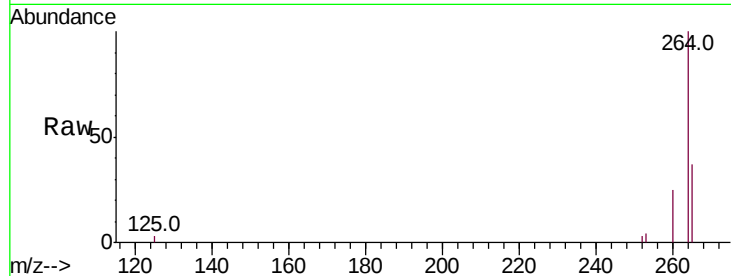
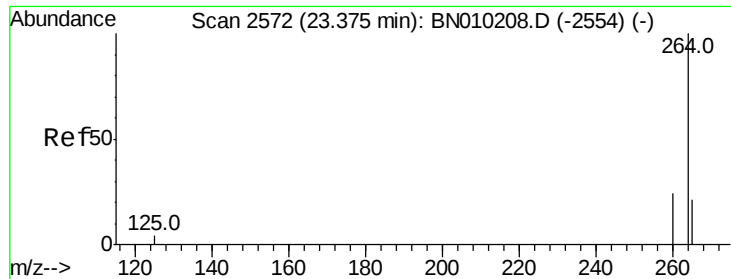


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.35 min Scan# 2564

Delta R.T. -0.02 min

Lab File: BN010273.D

Acq: 18 Mar 2020 20:57

Instrument :

BNA_N

ClientSampleId :

Tot Ion:264 Resp: 24384

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

265 37.0 25.8 38.6

