

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
 Data File : BN010274.D
 Acq On : 18 Mar 2020 21:32
 Operator : CG/JU
 Sample : L1945-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 19 01:14:13 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

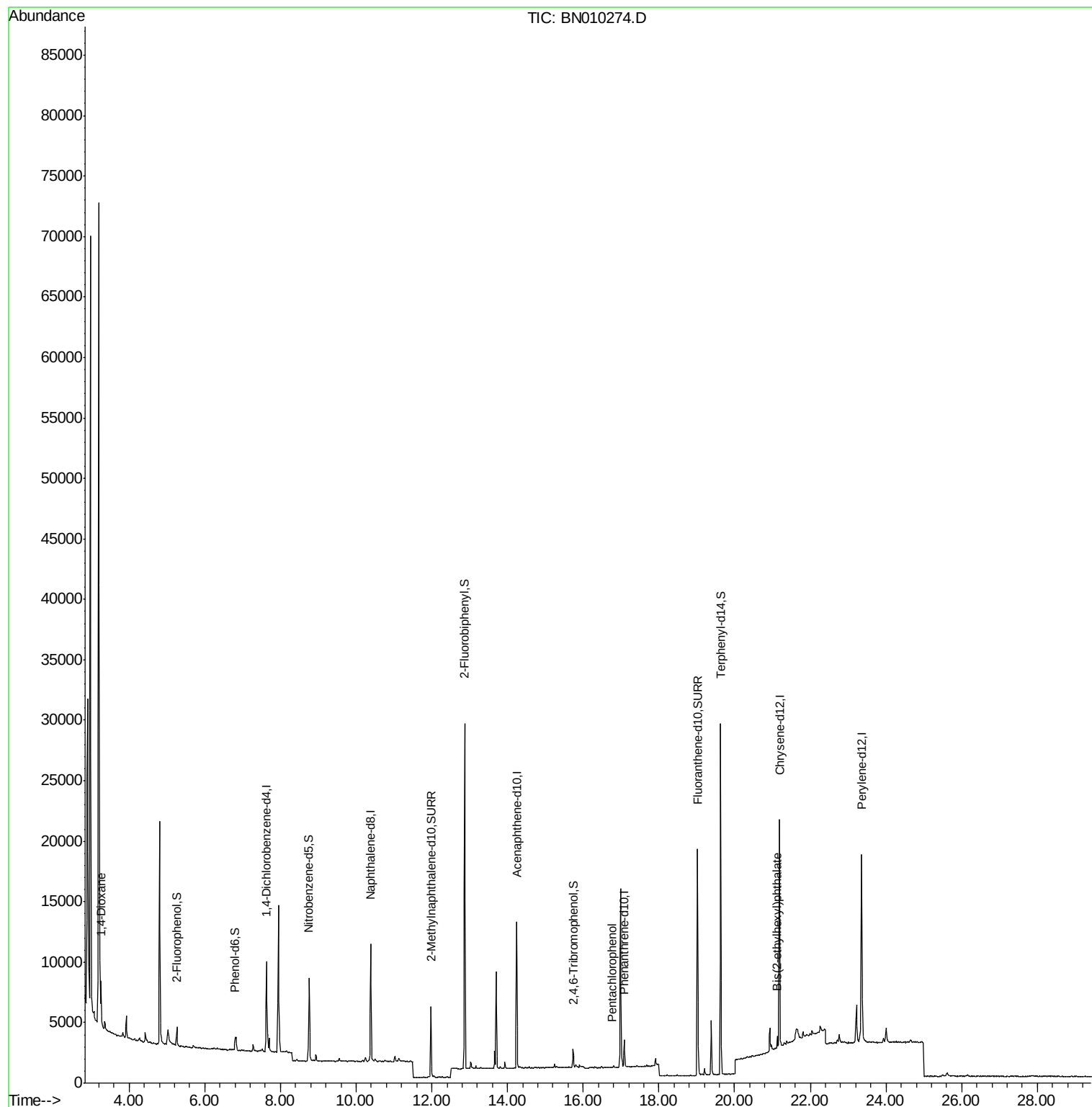
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3739	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	12837	0.40	ng	-0.01
13) Acenaphthene-d10	14.25	164	7659	0.40	ng	-0.01
19) Phenanthrene-d10	17.08	188	3256	0.40	ng	0.08
27) Chrysene-d12	21.19	240	19288	0.40	ng	-0.01
34) Perylene-d12	23.35	264	20218	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	1350	0.15	ng	0.00
5) Phenol-d6	6.81	99	1015	0.09	ng	0.00
8) Nitrobenzene-d5	8.76	82	5871	0.76	ng	-0.01
11) 2-Methylnaphthalene-d10	11.97	152	7804	0.37	ng	-0.02
14) 2,4,6-Tribromophenol	15.73	330	1183	0.43	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	23675	0.87	ng	-0.01
25) Fluoranthene-d10	19.02	212	22825	2.27	ng	-0.01
29) Terphenyl-d14	19.63	244	29506	0.67	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.26	88	2208	0.605	ng	# 56
22) Pentachlorophenol	16.75	266	14	0.025	ng	# 78
32) Bis(2-ethylhexyl)phthalate	21.13	149	809	0.029	ng	# 96

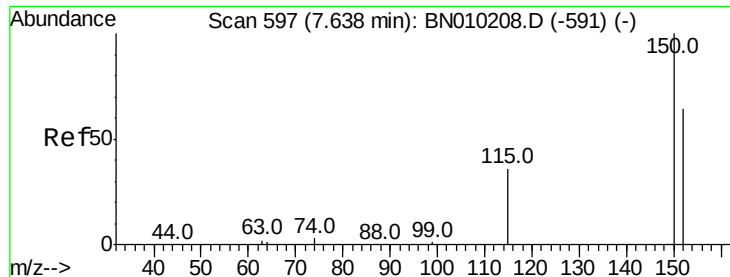
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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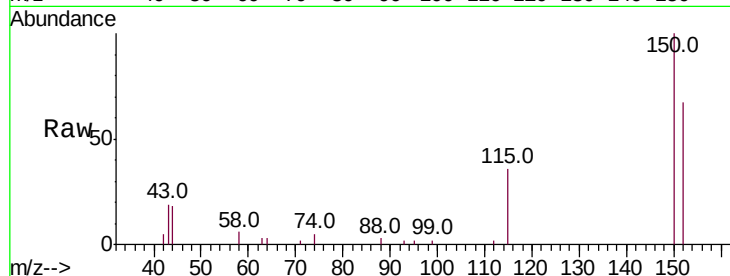


#1

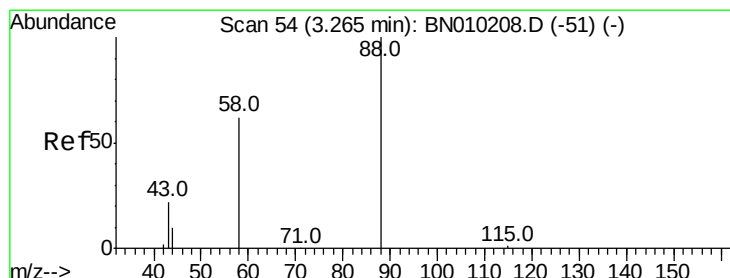
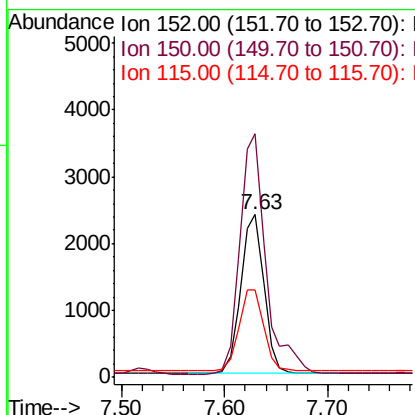
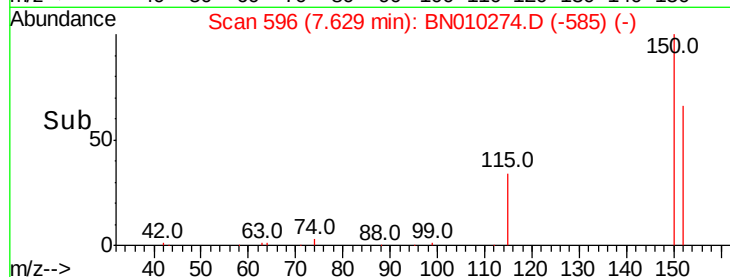
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010274.D
Acq: 18 Mar 2020 21:32

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 3739
Ion Ratio Lower Upper
152 100
150 149.9 119.5 179.3
115 54.1 50.9 76.3



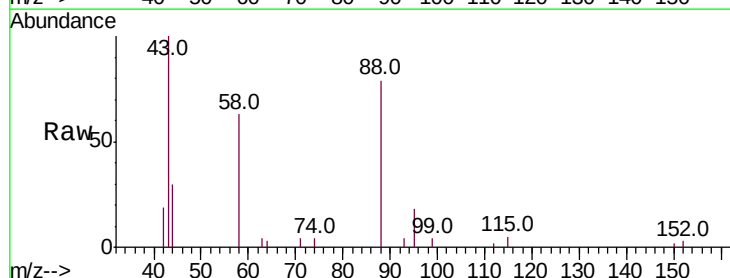
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



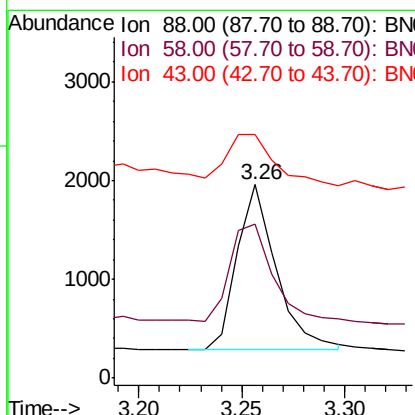
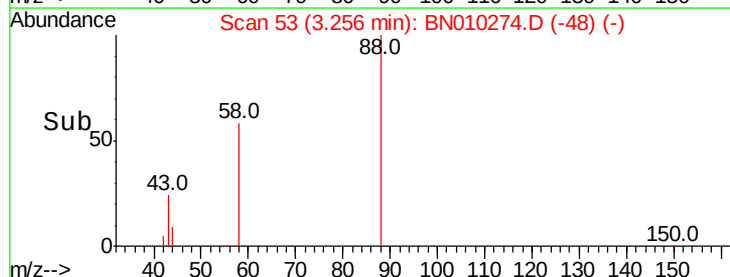
#2

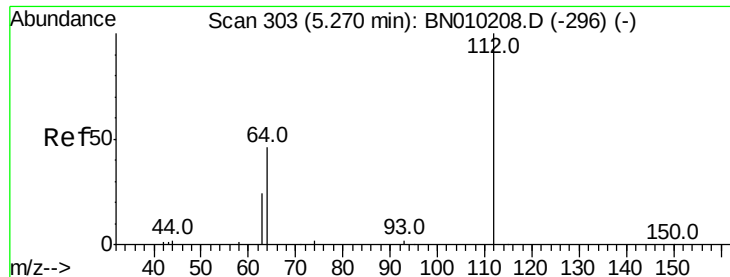
1,4-Dioxane
Concen: 0.605 ng
RT: 3.26 min Scan# 53
Delta R.T. -0.01 min
Lab File: BN010274.D
Acq: 18 Mar 2020 21:32

Tgt Ion: 88 Resp: 2208
Ion Ratio Lower Upper
88 100
58 63.9 97.8 146.8#
43 37.3 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: 0.154 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010274.D

Acq: 18 Mar 2020 21:32

Instrument :

BNA_N

ClientSampleId :

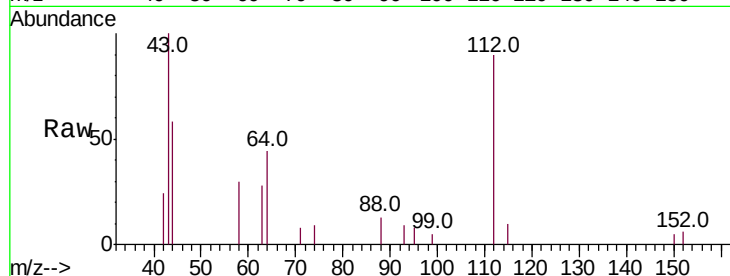
Tot Ion:112 Resp: 1350

Ion Ratio Lower Upper

112 100

64 54.1 42.6 63.8

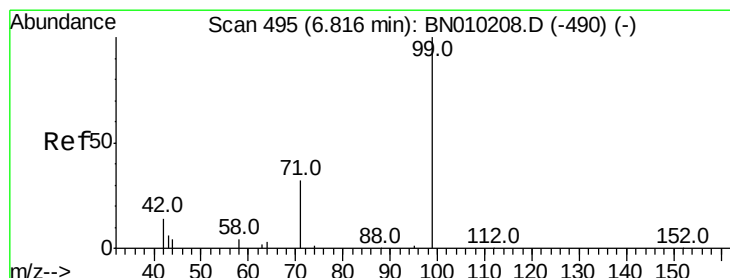
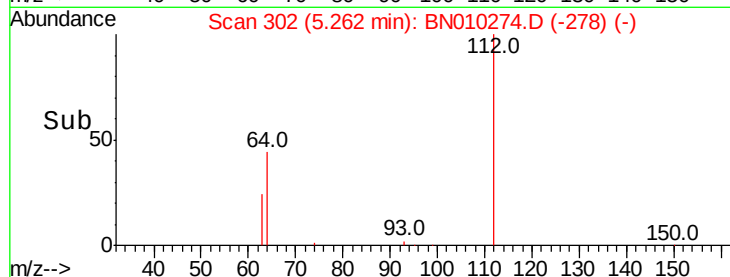
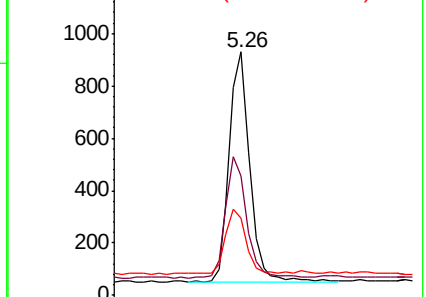
63 29.0 23.6 35.4



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: 0.093 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010274.D

Acq: 18 Mar 2020 21:32

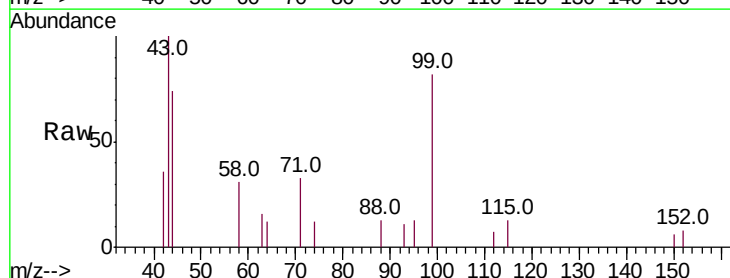
Tgt Ion: 99 Resp: 1015

Ion Ratio Lower Upper

99 100

42 25.6 12.0 18.0#

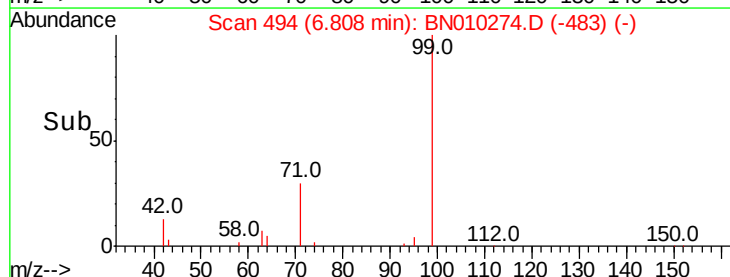
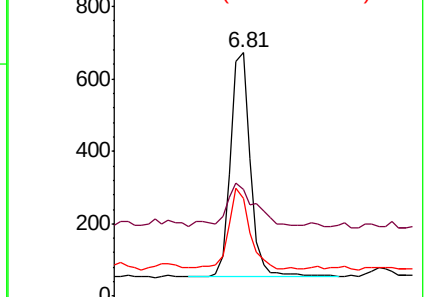
71 36.7 22.6 33.8#

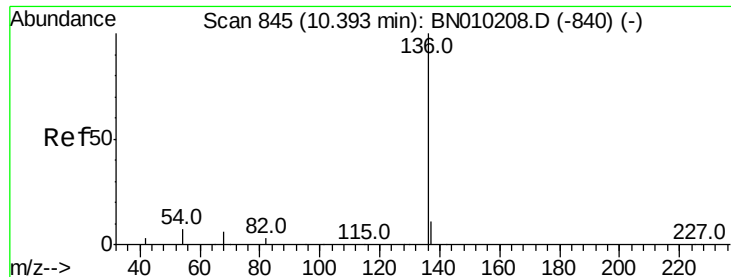


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.01 min

Lab File: BN010274.D

Acq: 18 Mar 2020 21:32

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 12837

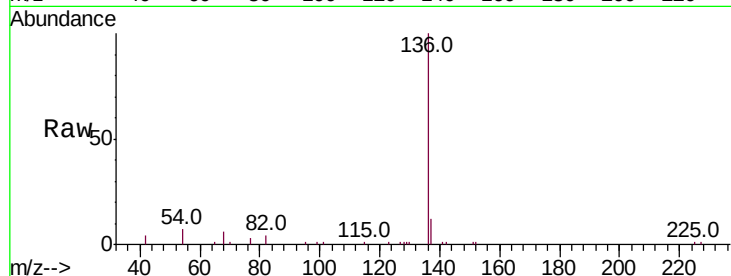
Ion Ratio Lower Upper

136 100

137 11.5 10.6 15.8

54 7.2 9.5 14.3#

68 6.3 9.7 14.5#

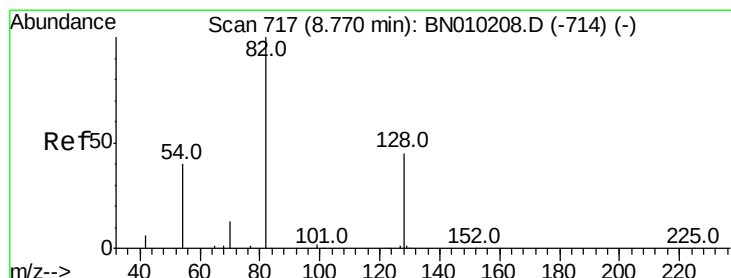
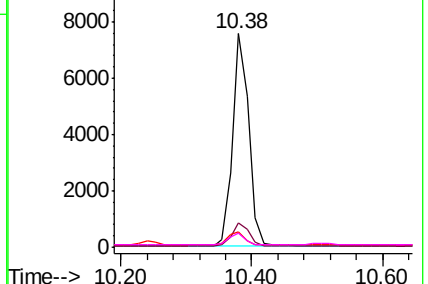
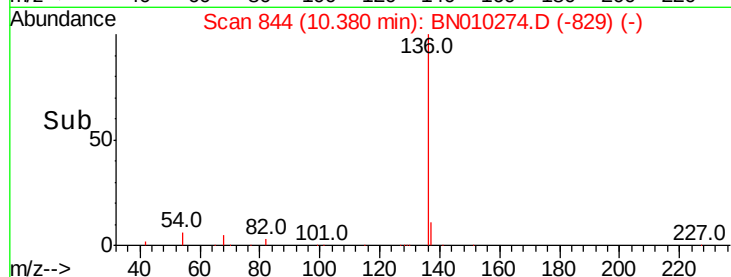


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.763 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010274.D

Acq: 18 Mar 2020 21:32

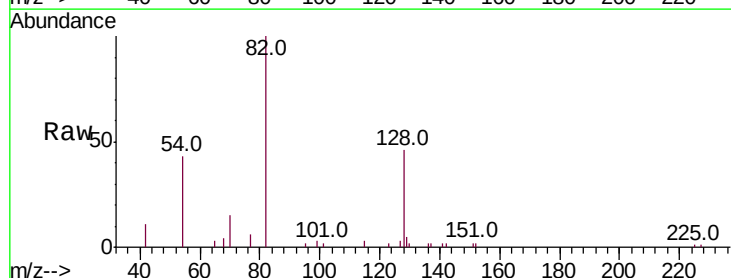
Tgt Ion: 82 Resp: 5871

Ion Ratio Lower Upper

82 100

128 46.3 35.0 52.6

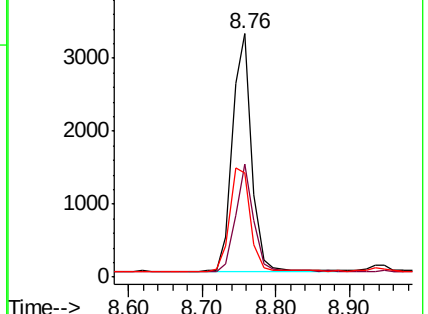
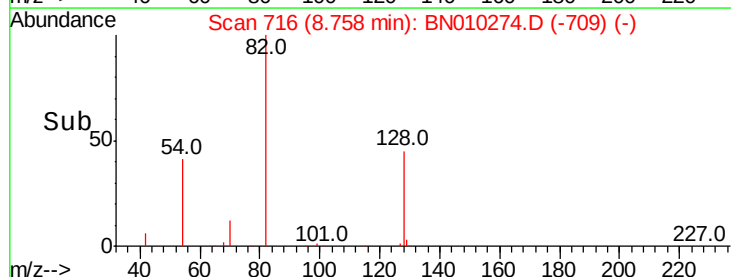
54 42.6 37.0 55.4

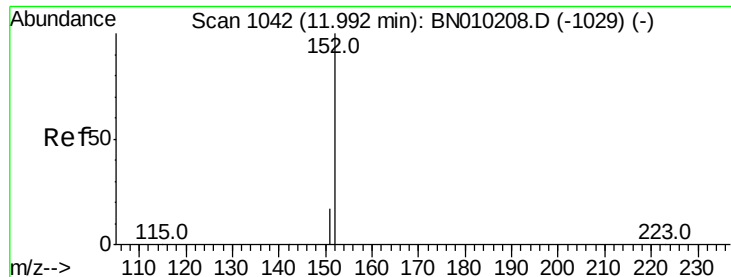


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

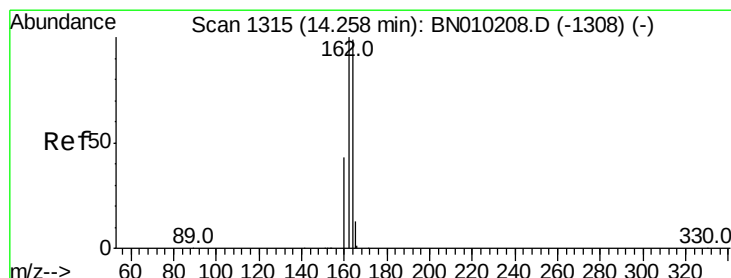
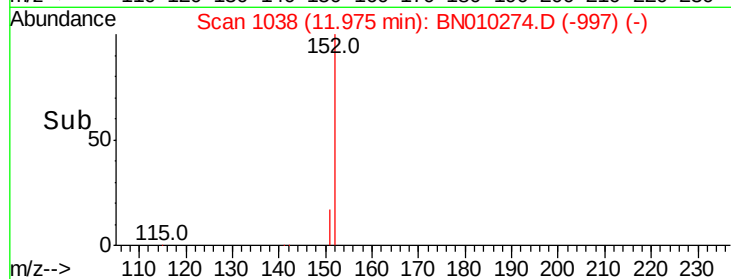
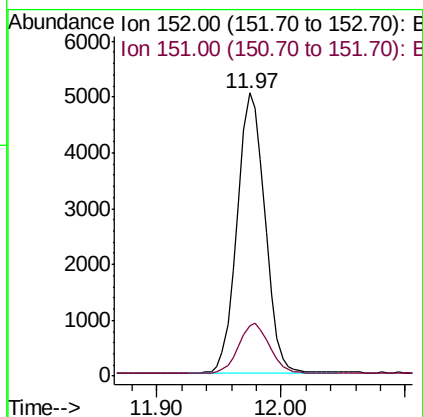
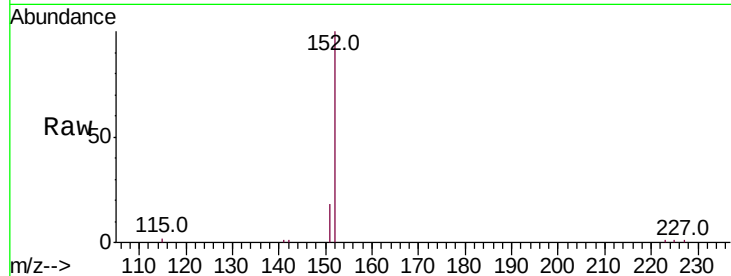




#11
2-Methylnaphthalene-d10
Concen: 0.368 ng
RT: 11.97 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BN010274.D
Acq: 18 Mar 2020 21:32

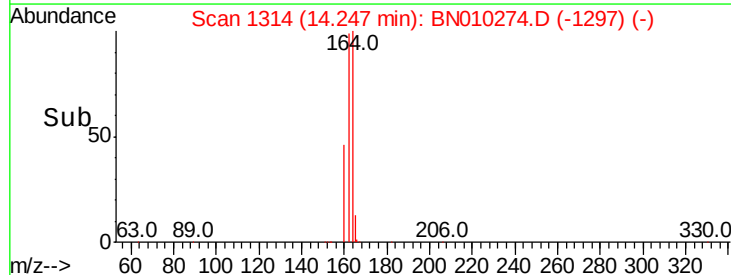
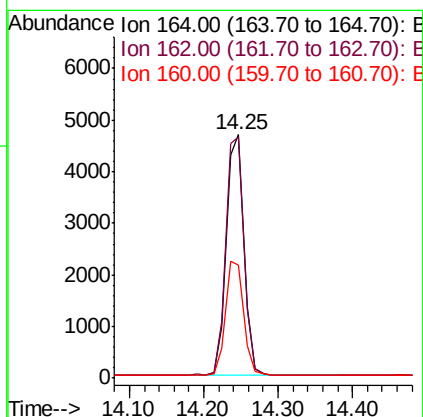
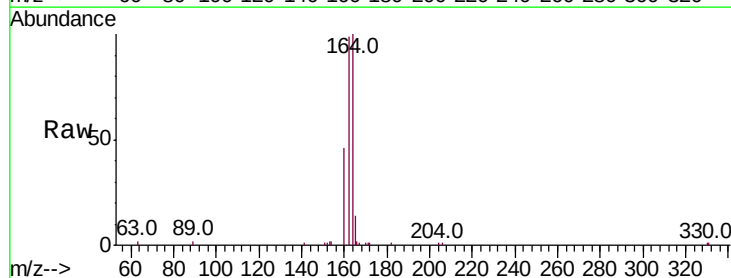
Instrument :
BNA_N
ClientSampleId :

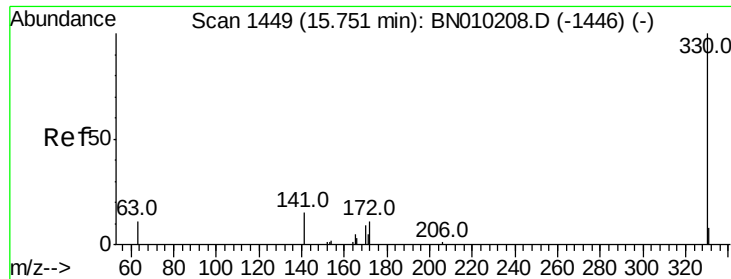
Tot Ion:152 Resp: 7804
Ion Ratio Lower Upper
152 100
151 19.5 15.0 22.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.25 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BN010274.D
Acq: 18 Mar 2020 21:32

Tgt Ion:164 Resp: 7659
Ion Ratio Lower Upper
164 100
162 98.9 81.0 121.4
160 46.2 35.6 53.4

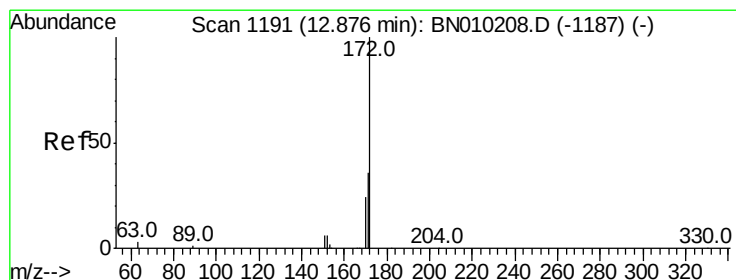
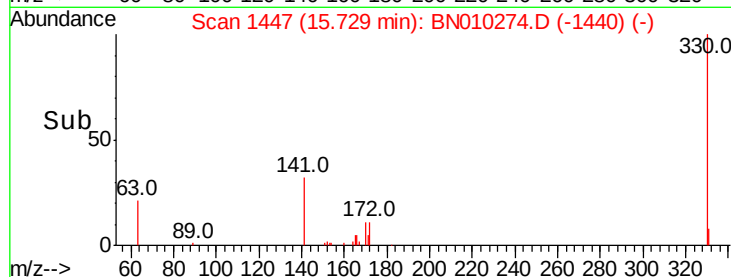
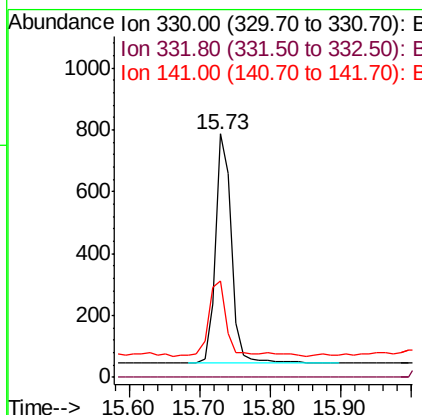
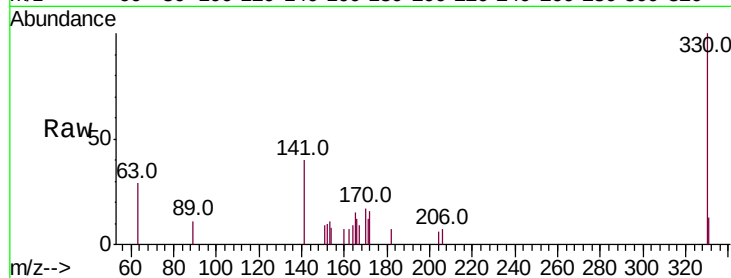




#14
 2,4,6-Tribromophenol
 Concen: 0.432 ng
 RT: 15.73 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BN010274.D
 Acq: 18 Mar 2020 21:32

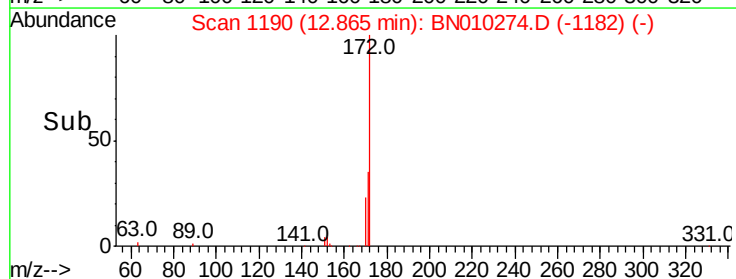
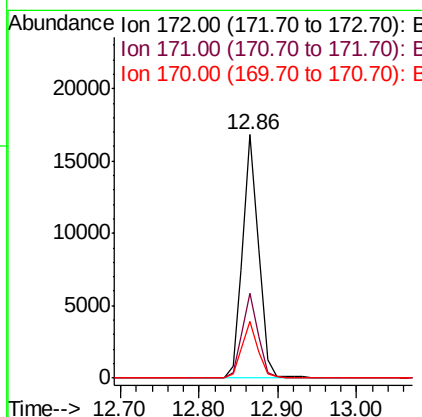
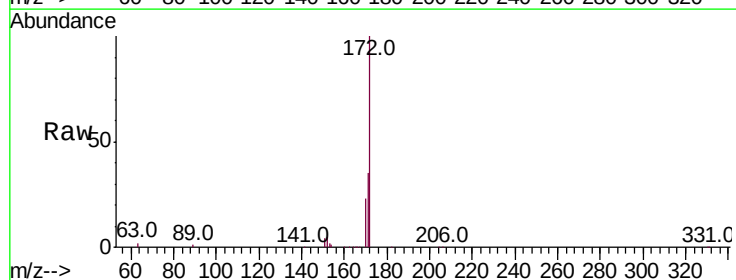
Instrument :
 BNA_N
 ClientSampled :

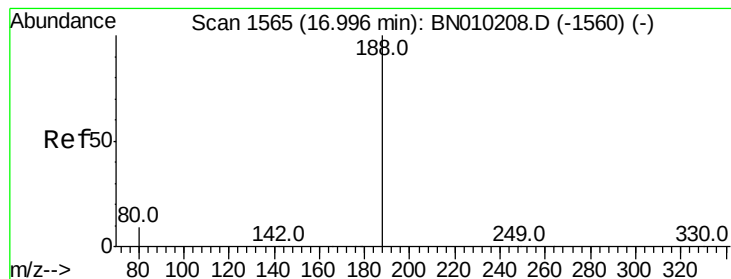
Tot Ion:330 Resp: 1183
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 35.7 25.1 37.7



#15
 2-Fluorobiphenyl
 Concen: 0.868 ng
 RT: 12.86 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BN010274.D
 Acq: 18 Mar 2020 21:32

Tgt Ion:172 Resp: 23675
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.4 44.2
 170 23.1 20.2 30.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.08 min Scan# 1573

Delta R.T. 0.08 min

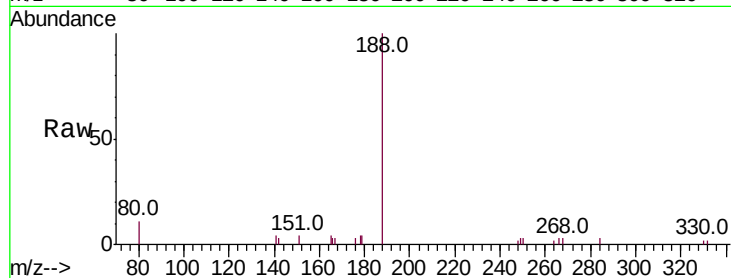
Lab File: BN010274.D

Acq: 18 Mar 2020 21:32

Instrument :
BNA_N
ClientSampleId :

Tot Ion:188 Resp: 3256

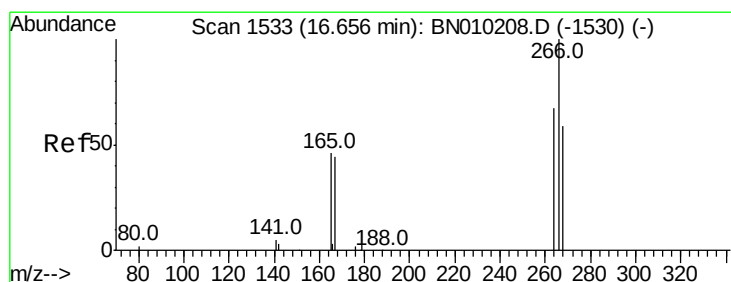
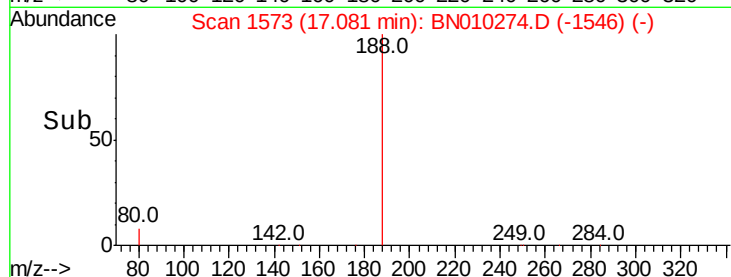
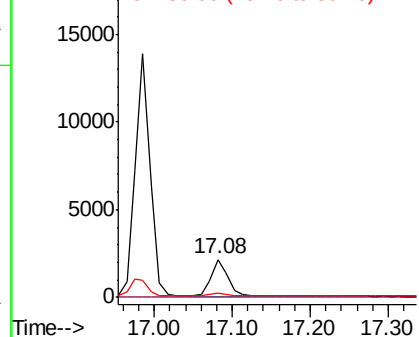
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.2	8.6	12.8



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



#22

Pentachlorophenol

Concen: 0.025 ng

RT: 16.75 min Scan# 1542

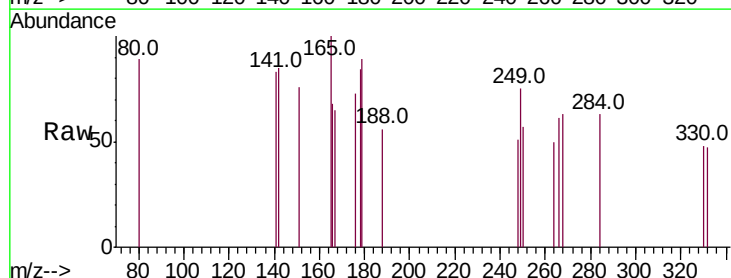
Delta R.T. 0.10 min

Lab File: BN010274.D

Acq: 18 Mar 2020 21:32

Tgt Ion:266 Resp: 14

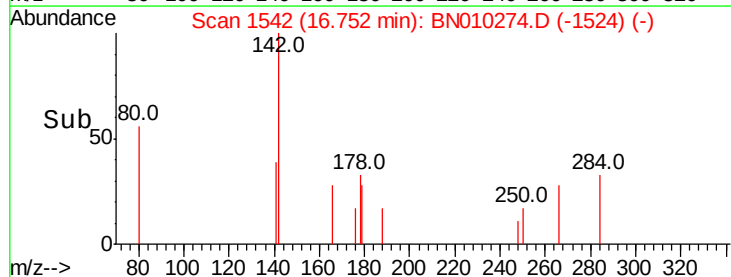
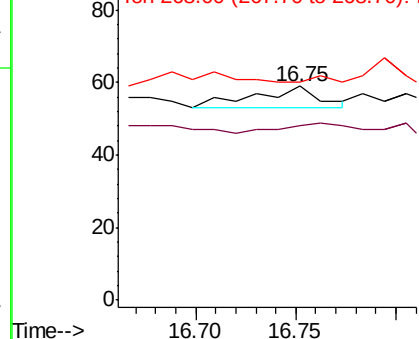
Ion	Ratio	Lower	Upper
266	100		
264	81.4	56.2	84.2
268	101.7	61.4	92.2

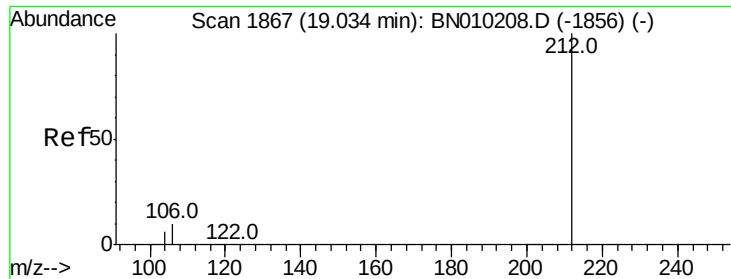


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 2.271 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BN010274.D

Acq: 18 Mar 2020 21:32

Instrument :

BNA_N

ClientSampleId :

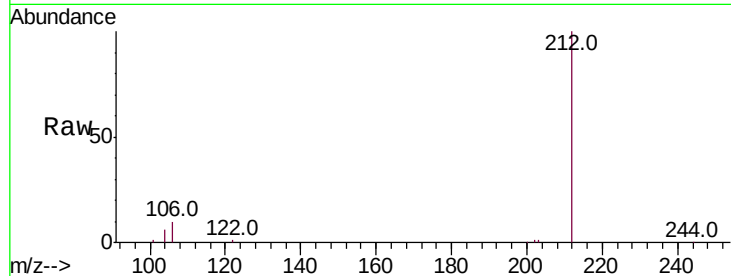
Tot Ion:212 Resp: 22825

Ion Ratio Lower Upper

212 100

106 9.5 8.1 12.1

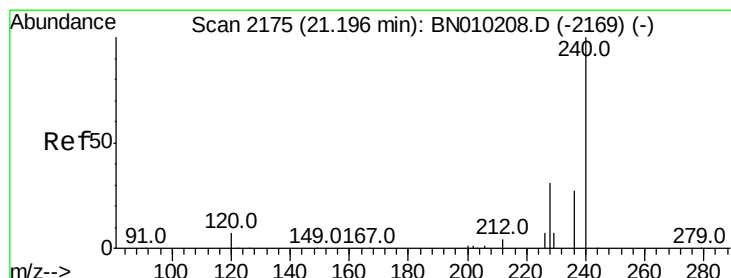
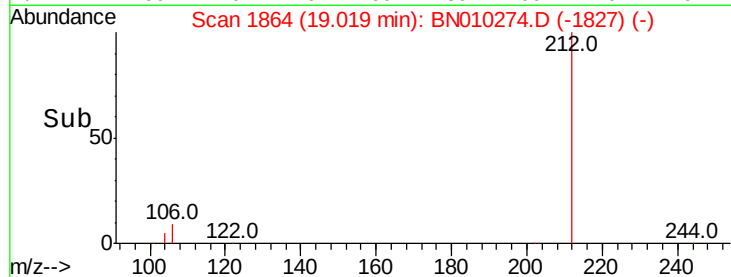
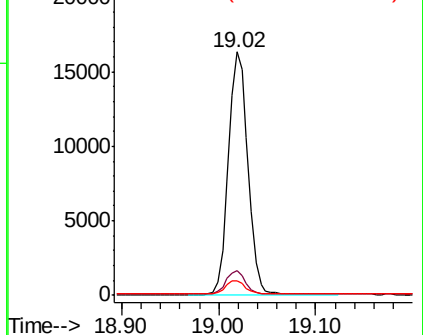
104 5.3 4.7 7.1



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# 2174

Delta R.T. -0.01 min

Lab File: BN010274.D

Acq: 18 Mar 2020 21:32

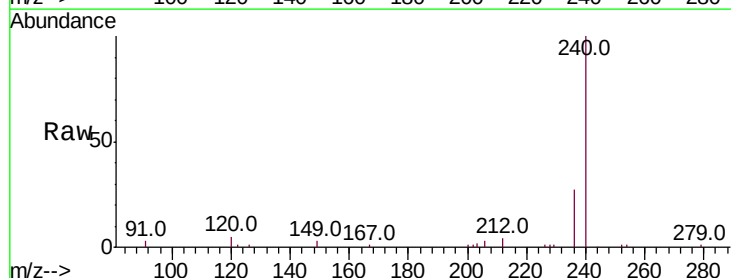
Tgt Ion:240 Resp: 19288

Ion Ratio Lower Upper

240 100

120 5.3 7.7 11.5#

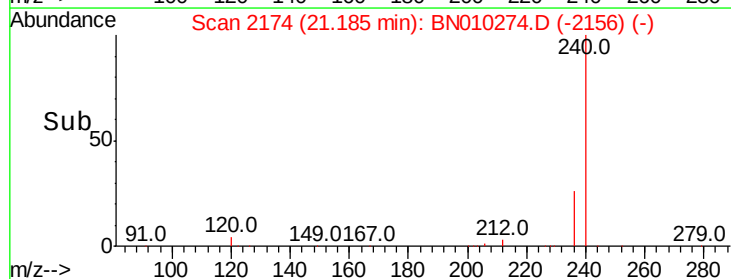
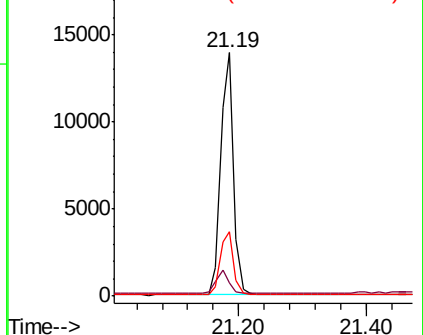
236 26.6 21.8 32.6

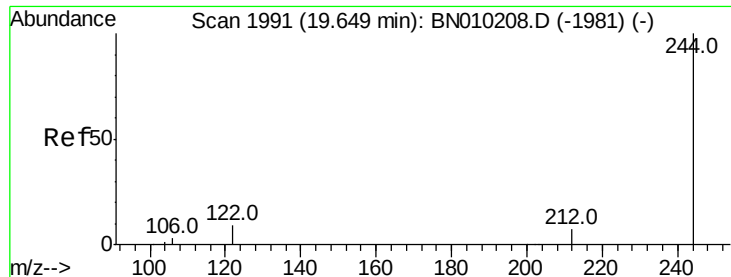


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.671 ng

RT: 19.63 min Scan# 1987

Delta R.T. -0.02 min

Lab File: BN010274.D

Acq: 18 Mar 2020 21:32

Instrument :

BNA_N

ClientSampleId :

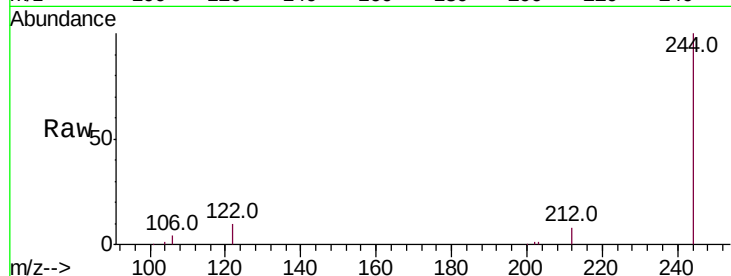
Tot Ion:244 Resp: 29506

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

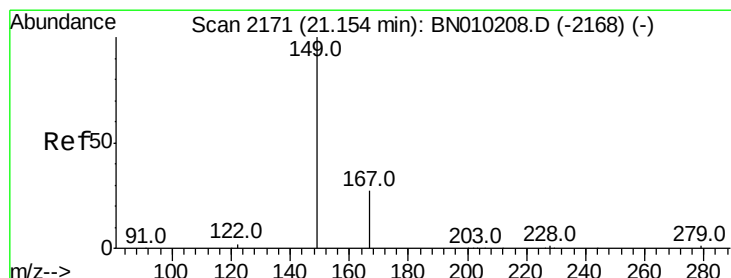
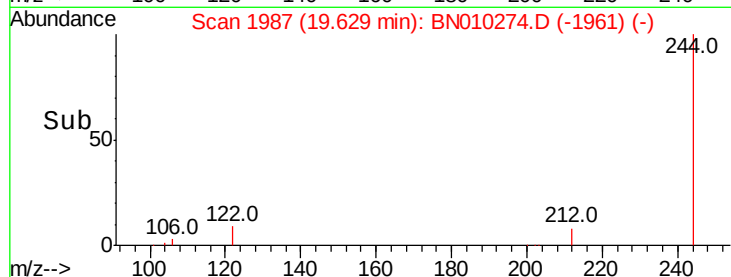
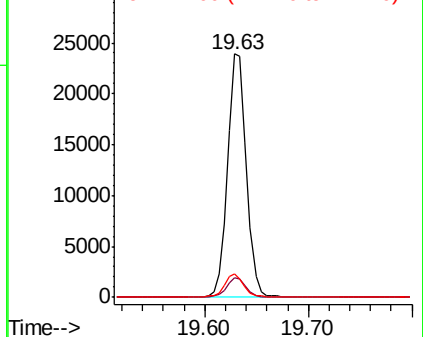
122 9.6 8.1 12.1



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: 0.029 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BN010274.D

Acq: 18 Mar 2020 21:32

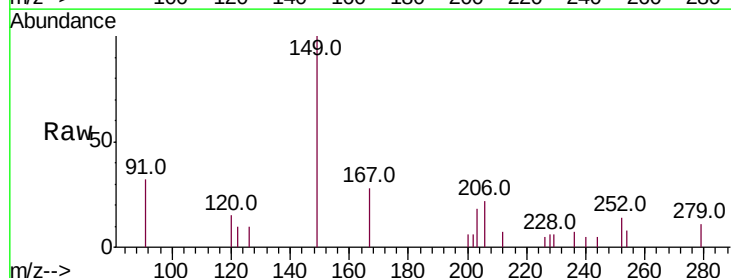
Tgt Ion:149 Resp: 809

Ion Ratio Lower Upper

149 100

167 28.1 21.0 31.4

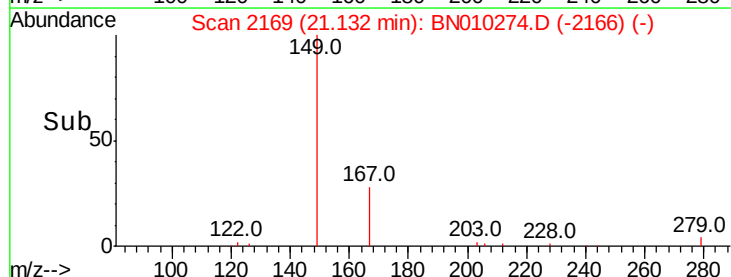
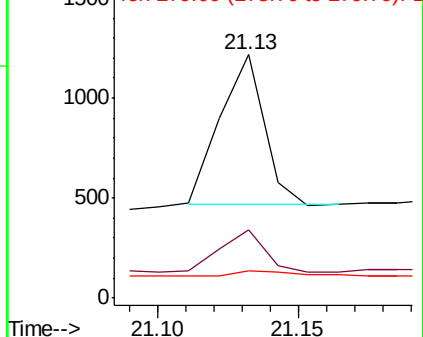
279 4.9 3.1 4.7#

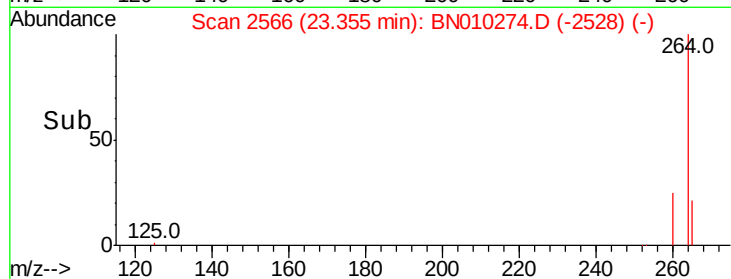
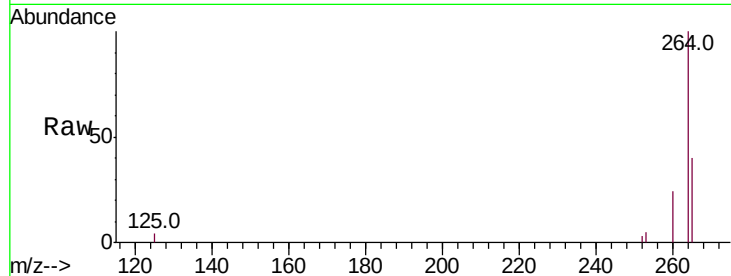
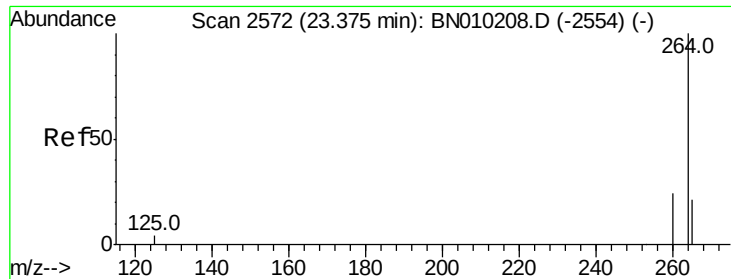


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2566

Delta R.T. -0.02 min

Lab File: BN010274.D

Acq: 18 Mar 2020 21:32

Instrument :

BNA_N

ClientSampleId :

Tot Ion:264 Resp: 20218

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

265 40.3 25.8 38.6

