

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
 Data File : BN010276.D
 Acq On : 18 Mar 2020 22:44
 Operator : CG/JU
 Sample : L1945-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D1-20200312

Quant Time: Mar 19 01:14:25 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

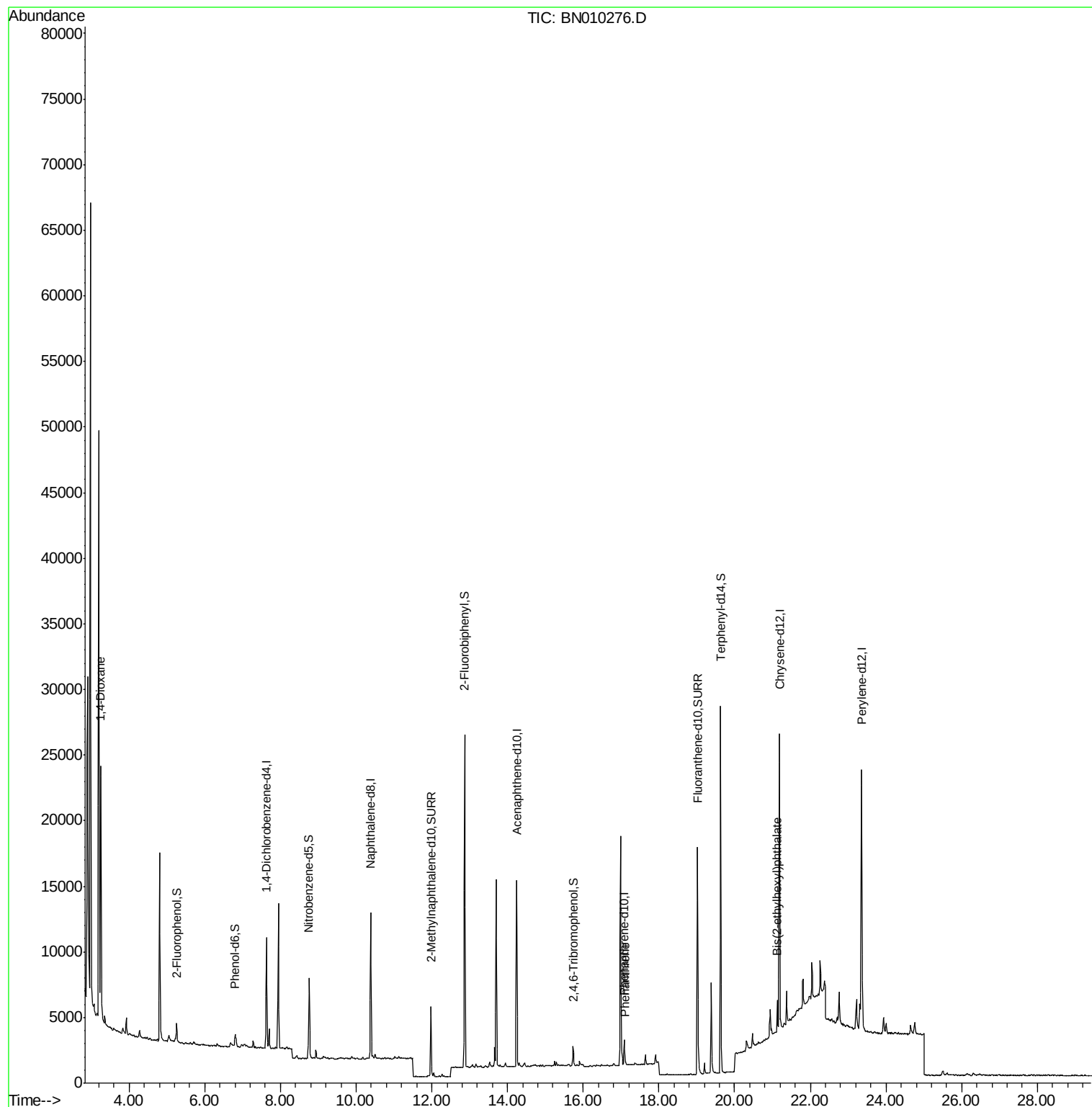
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4127	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	14465	0.40	ng	-0.01
13) Acenaphthene-d10	14.25	164	9056	0.40	ng	-0.01
19) Phenanthrene-d10	17.08	188	2749	0.40	ng	0.08
27) Chrysene-d12	21.19	240	23677	0.40	ng	-0.01
34) Perylene-d12	23.35	264	25728	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	1237	0.13	ng	0.00
5) Phenol-d6	6.81	99	938	0.08	ng	0.00
8) Nitrobenzene-d5	8.76	82	5327	0.61	ng	-0.01
11) 2-Methylnaphthalene-d10	11.97	152	7117	0.30	ng	-0.02
14) 2,4,6-Tribromophenol	15.73	330	1177	0.36	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	21339	0.66	ng	-0.01
25) Fluoranthene-d10	19.02	212	20762	2.45	ng	-0.02
29) Terphenyl-d14	19.63	244	28347	0.53	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.26	88	13450	3.340	ng	# 52
23) Phenanthrene	17.11	178	221	0.030	ng	# 90
32) Bis(2-ethylhexyl)phthalate	21.13	149	2052	0.060	ng	# 94

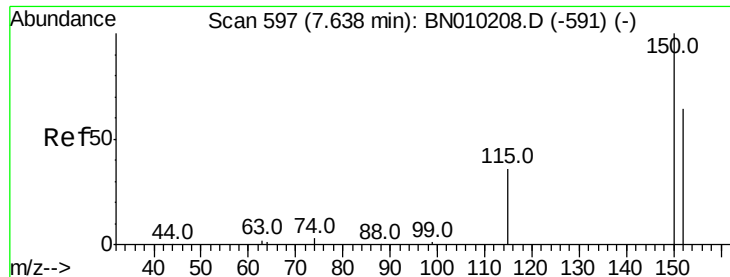
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 16 02:17:23 2020
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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: BN010276.D

Acq: 18 Mar 2020 22:44

Instrument :

BNA_N

ClientSampleId :

RE104D1-20200312

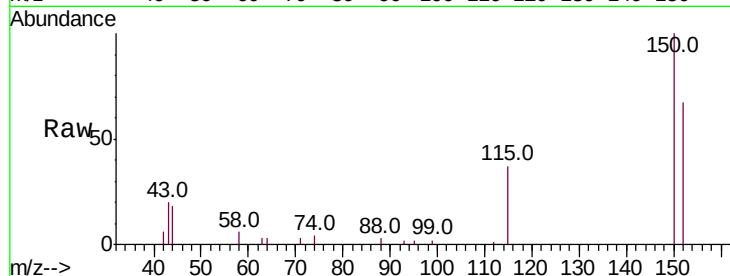
Tot Ion:152 Resp: 4127

Ion Ratio Lower Upper

152 100

150 149.9 119.5 179.3

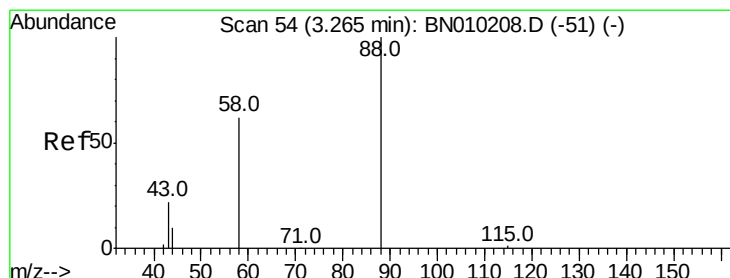
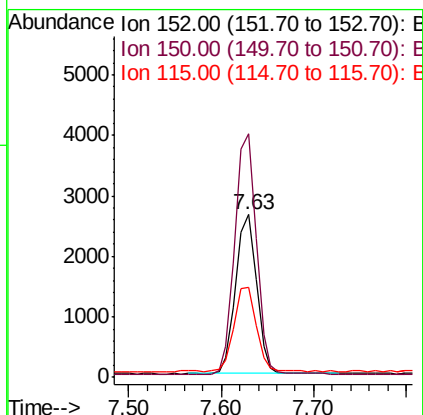
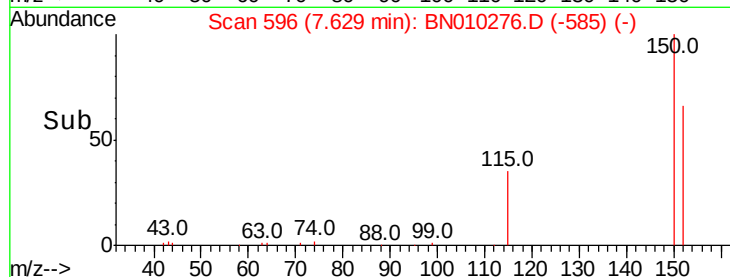
115 55.6 50.9 76.3



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: 3.340 ng

RT: 3.26 min Scan# 53

Delta R.T. -0.01 min

Lab File: BN010276.D

Acq: 18 Mar 2020 22:44

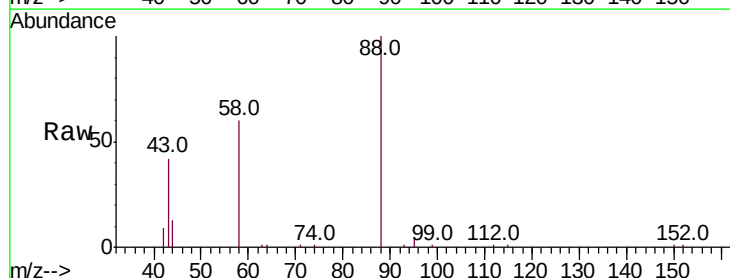
Tgt Ion: 88 Resp: 13450

Ion Ratio Lower Upper

88 100

58 64.3 97.8 146.8#

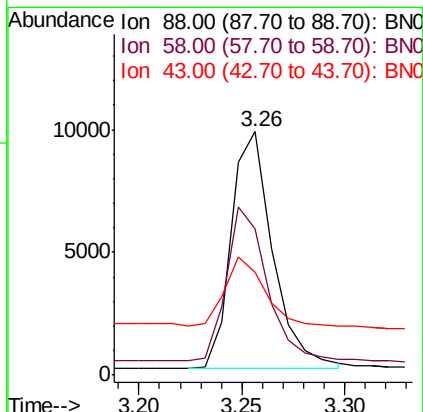
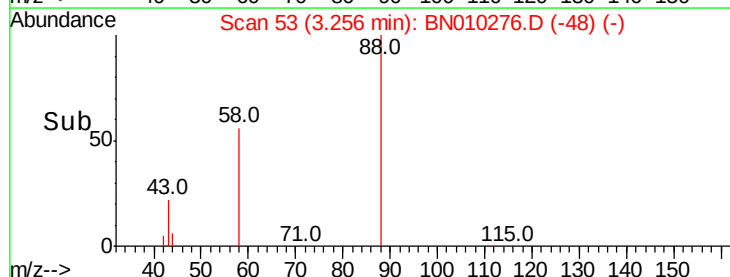
43 27.4 45.1 67.7#

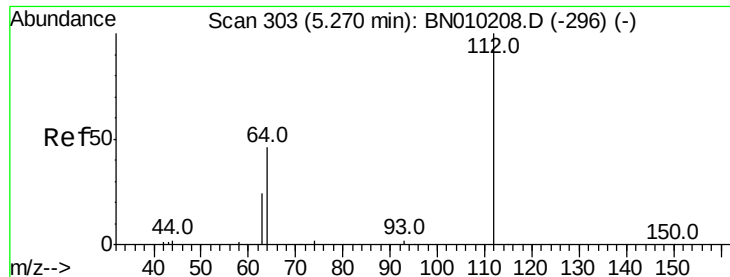


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.128 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010276.D

Acq: 18 Mar 2020 22:44

Instrument :

BNA_N

ClientSampleId :

RE104D1-20200312

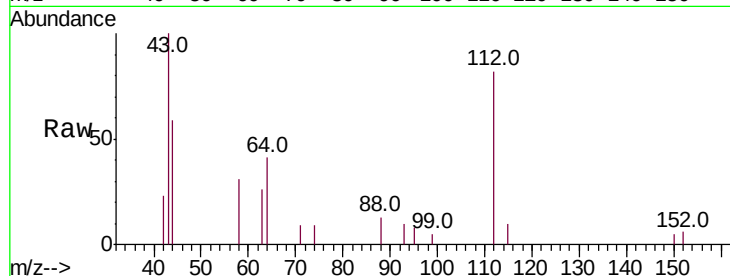
Tot Ion:112 Resp: 1237

Ion Ratio Lower Upper

112 100

64 51.9 42.6 63.8

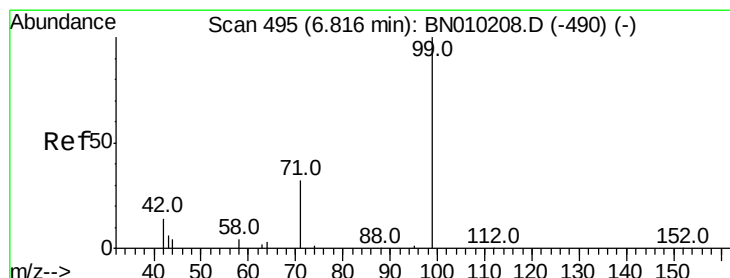
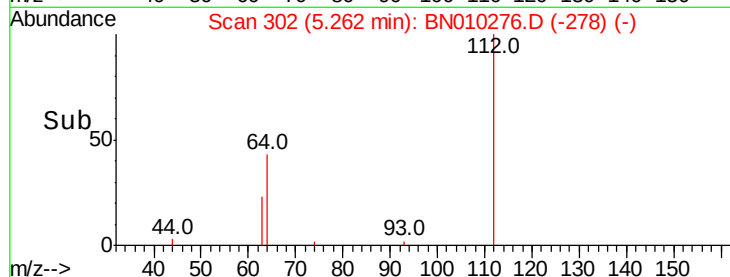
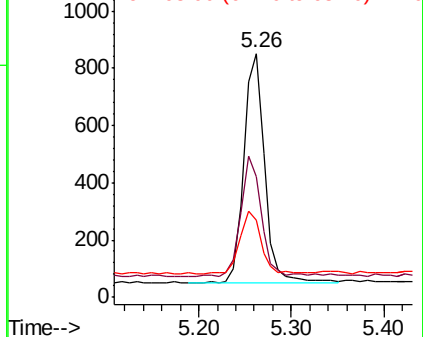
63 28.0 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#5

Phenol-d6

Concen: 0.077 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010276.D

Acq: 18 Mar 2020 22:44

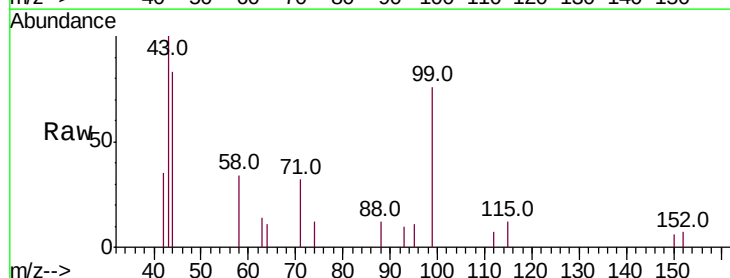
Tgt Ion: 99 Resp: 938

Ion Ratio Lower Upper

99 100

42 25.6 12.0 18.0#

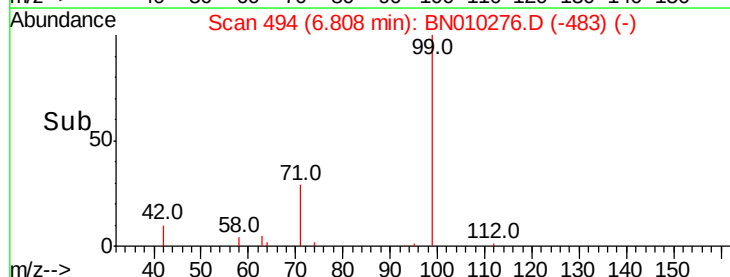
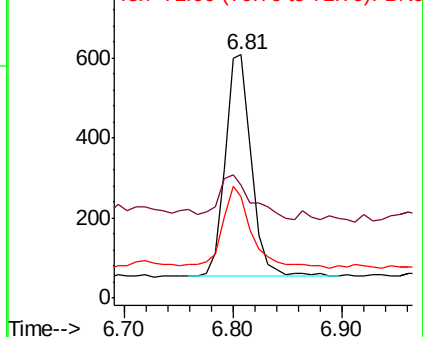
71 40.5 22.6 33.8#

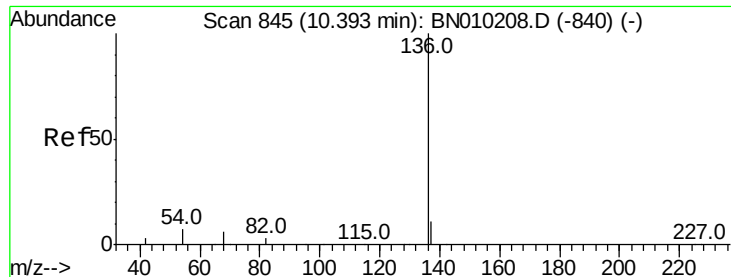


Abundance Ion 99.00 (98.70 to 99.70): BNO

Ion 42.00 (41.70 to 42.70): BNO

Ion 71.00 (70.70 to 71.70): BNO





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.01 min

Lab File: BN010276.D

Acq: 18 Mar 2020 22:44

Instrument :

BNA_N

ClientSampleId :

RE104D1-20200312

Tot Ion:136 Resp: 14465

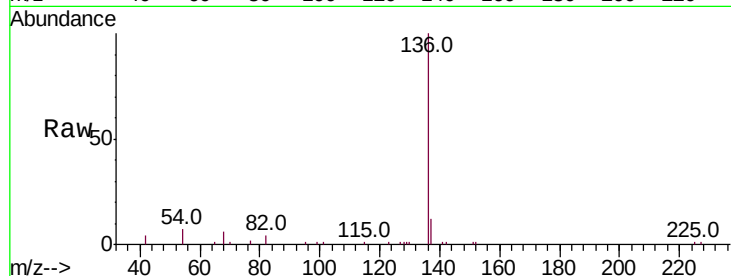
Ion Ratio Lower Upper

136 100

137 11.5 10.6 15.8

54 7.1 9.5 14.3#

68 6.3 9.7 14.5#

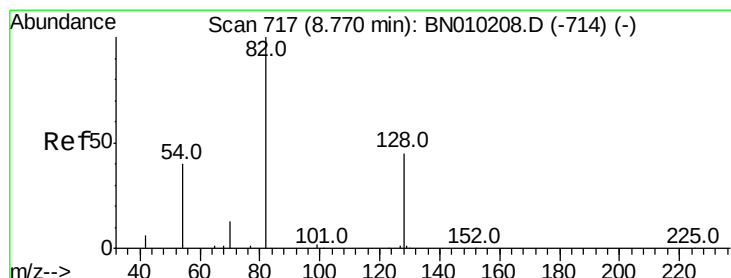
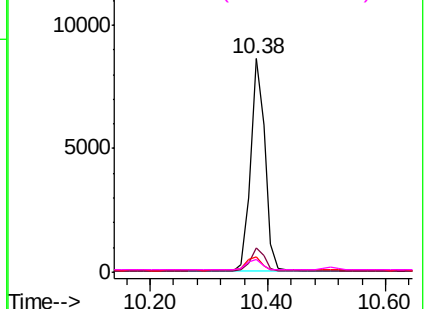
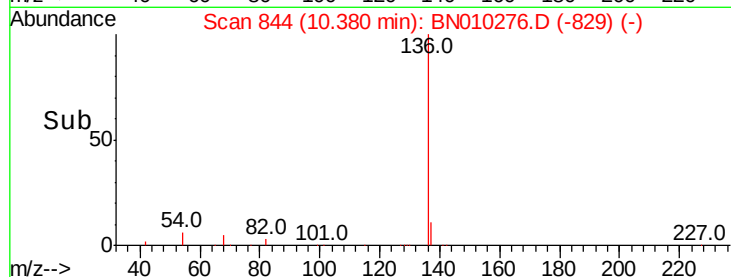


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.614 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010276.D

Acq: 18 Mar 2020 22:44

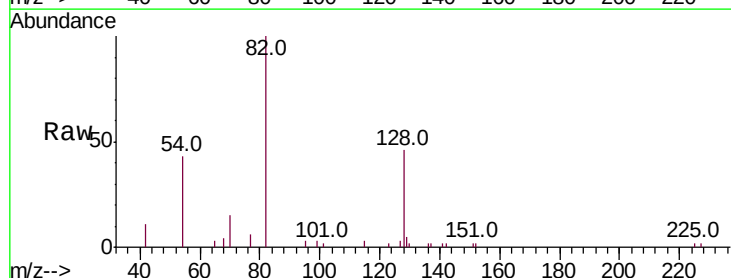
Tgt Ion: 82 Resp: 5327

Ion Ratio Lower Upper

82 100

128 46.3 35.0 52.6

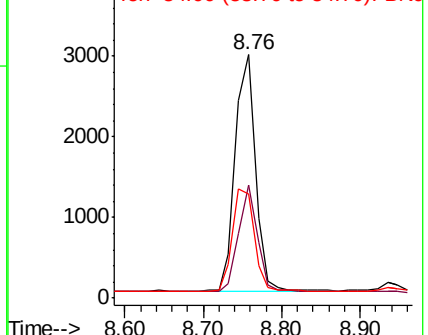
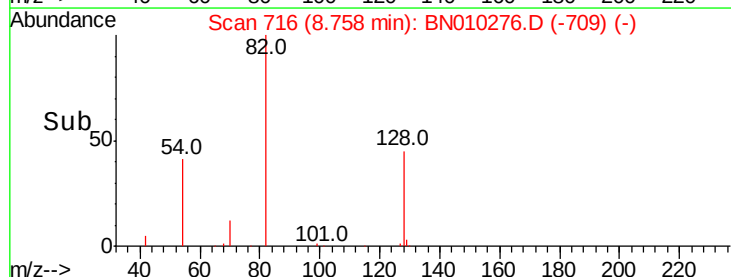
54 42.7 37.0 55.4

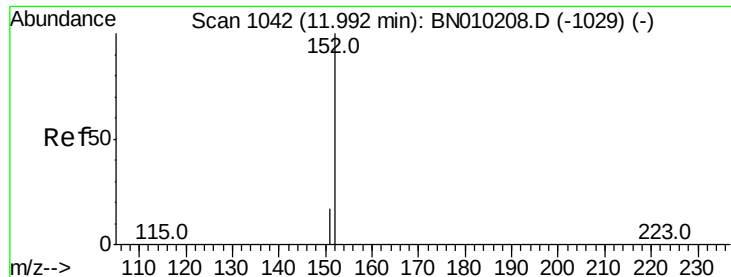


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

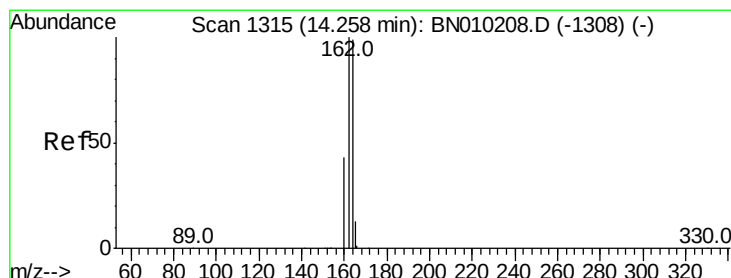
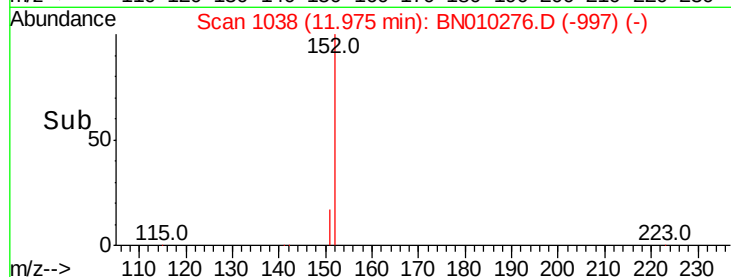
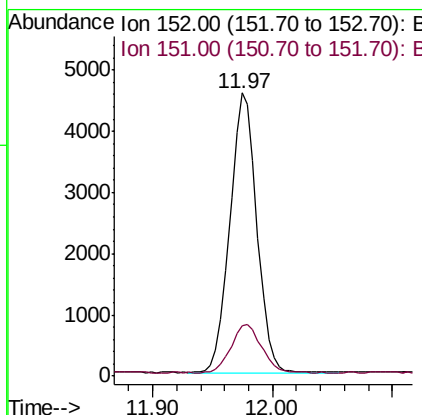
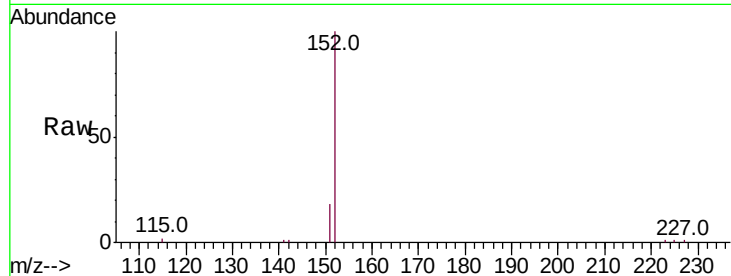




#11
2-Methylnaphthalene-d10
Concen: 0.298 ng
RT: 11.97 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BN010276.D
Acq: 18 Mar 2020 22:44

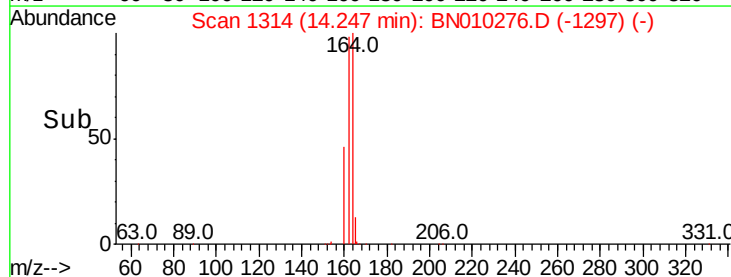
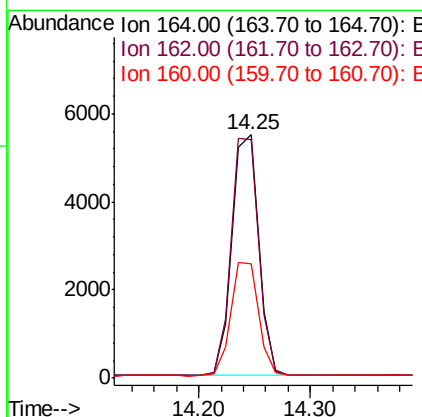
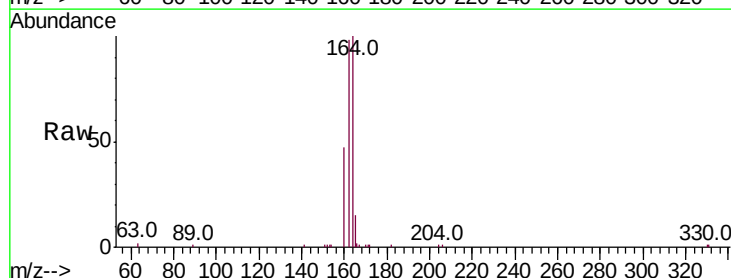
Instrument :
BNA_N
ClientSampleId :
RE104D1-20200312

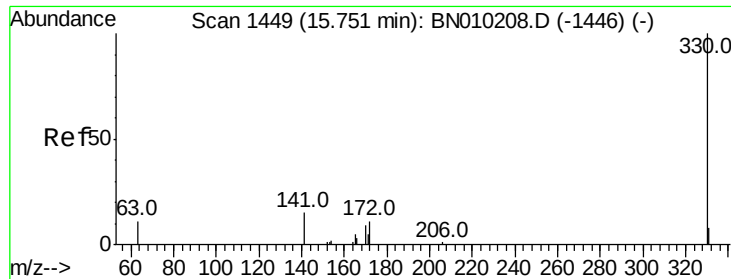
Tot Ion:152 Resp: 7117
Ion Ratio Lower Upper
152 100
151 19.2 15.0 22.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.25 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BN010276.D
Acq: 18 Mar 2020 22:44

Tgt Ion:164 Resp: 9056
Ion Ratio Lower Upper
164 100
162 98.1 81.0 121.4
160 46.8 35.6 53.4

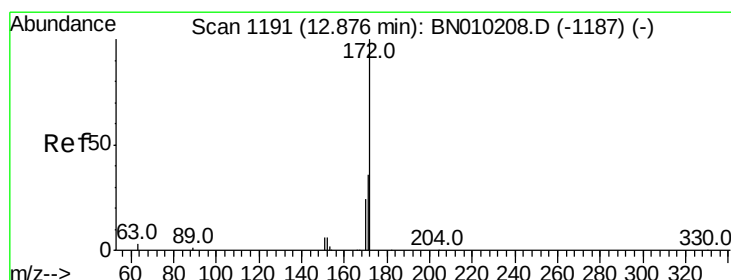
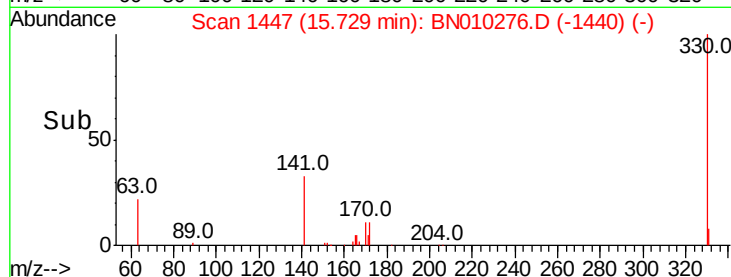
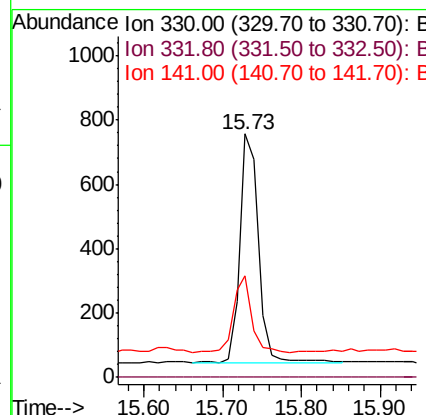
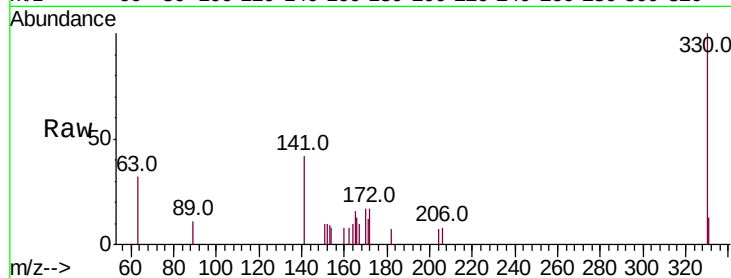




#14
 2,4,6-Tribromophenol
 Concen: 0.363 ng
 RT: 15.73 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BN010276.D
 Acq: 18 Mar 2020 22:44

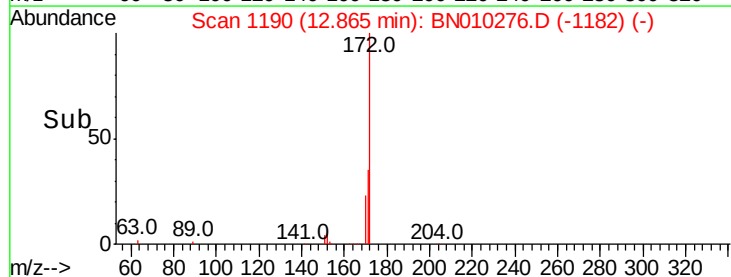
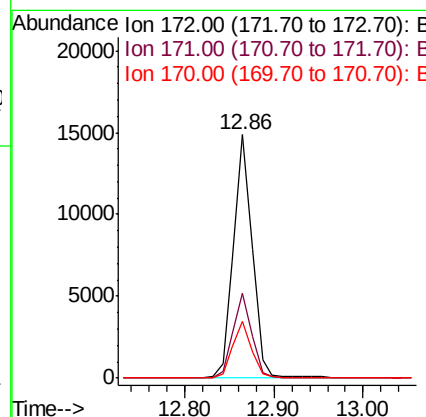
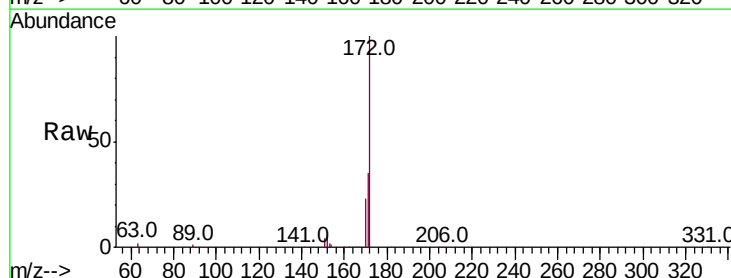
Instrument :
 BNA_N
 ClientSampleId :
 RE104D1-20200312

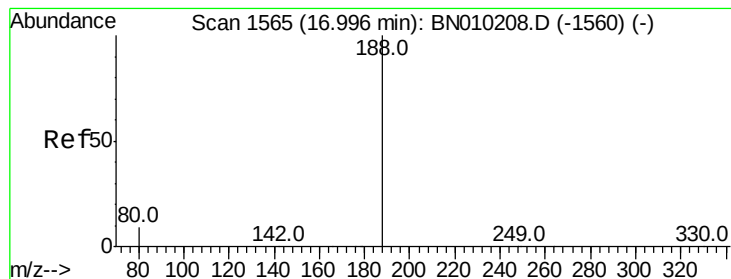
Tot Ion:330 Resp: 1177
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 33.3 25.1 37.7



#15
 2-Fluorobiphenyl
 Concen: 0.662 ng
 RT: 12.86 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BN010276.D
 Acq: 18 Mar 2020 22:44

Tgt Ion:172 Resp: 21339
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.4 44.2
 170 23.3 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: BN010276.D

Acq: 18 Mar 2020 22:44

Instrument :

BNA_N

ClientSampleId :

RE104D1-20200312

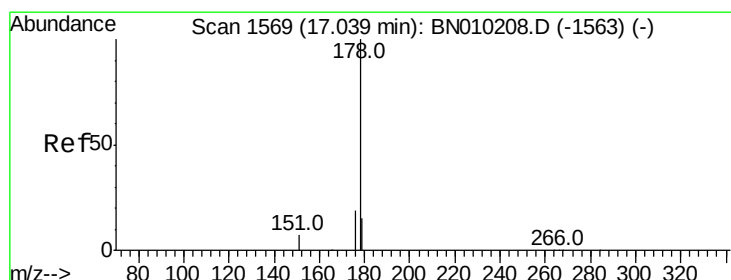
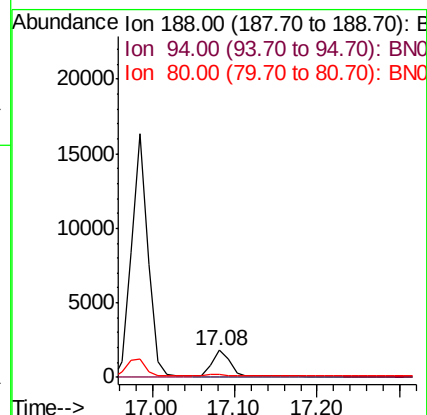
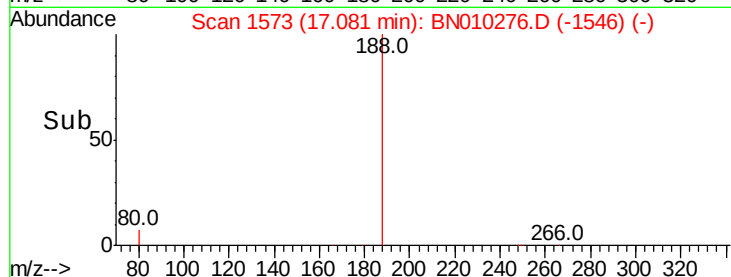
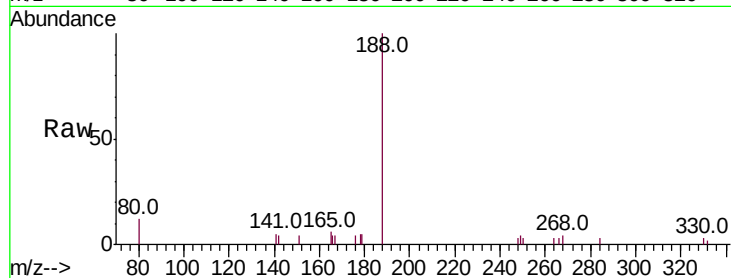
Tot Ion:188 Resp: 2749

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.1 8.6 12.8



#23

Phenanthrene

Concen: 0.030 ng

RT: 17.11 min Scan# 1576

Delta R.T. 0.07 min

Lab File: BN010276.D

Acq: 18 Mar 2020 22:44

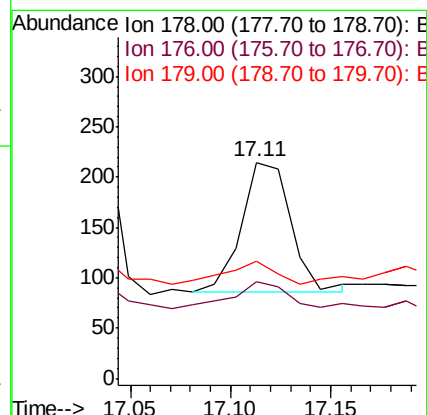
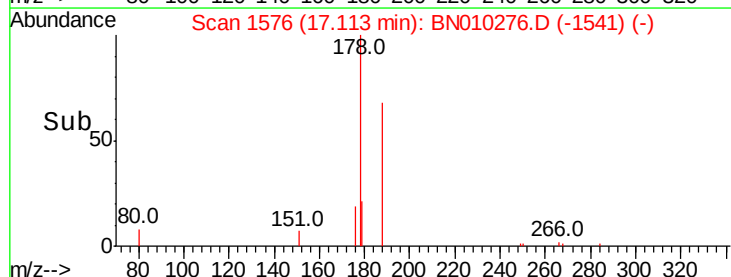
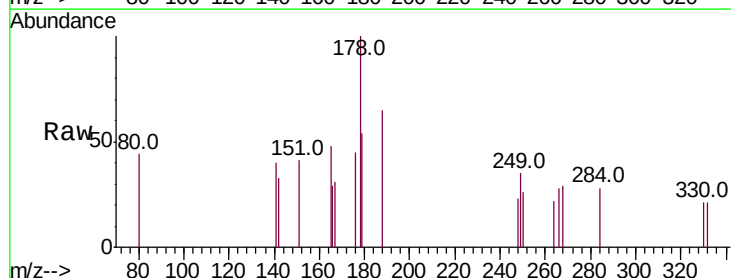
Tgt Ion:178 Resp: 221

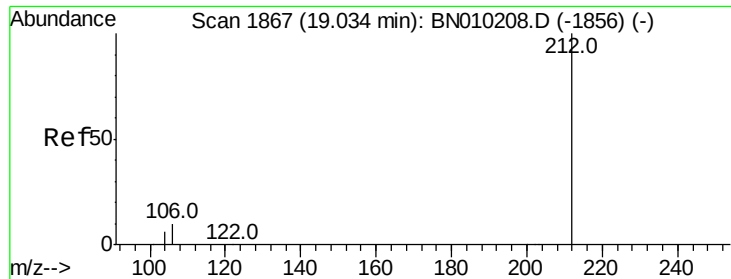
Ion Ratio Lower Upper

178 100

176 25.8 15.0 22.4#

179 16.7 12.5 18.7





#25

Fluoranthene-d10

Concen: 2.446 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BN010276.D

Acq: 18 Mar 2020 22:44

Instrument :

BNA_N

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RE104D1-20200312

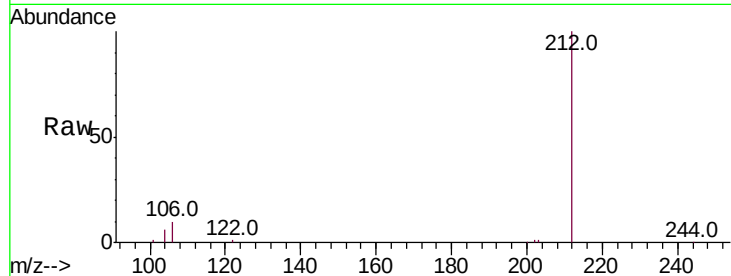
Tot Ion:212 Resp: 20762

Ion Ratio Lower Upper

212 100

106 9.9 8.1 12.1

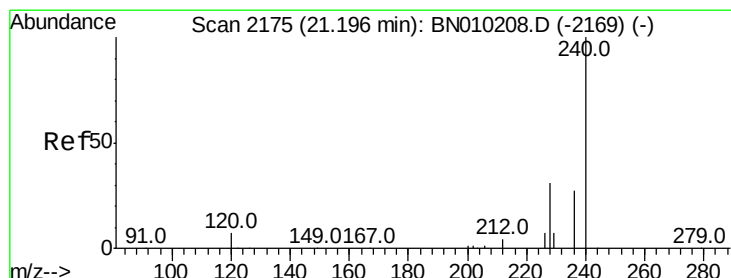
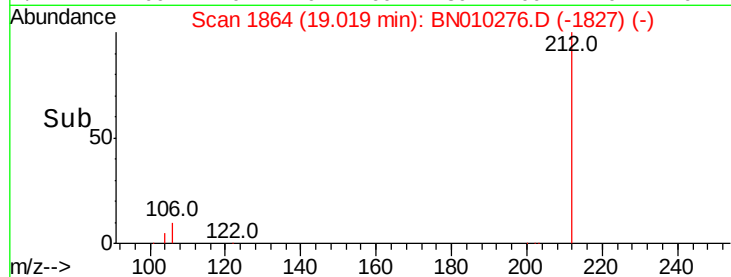
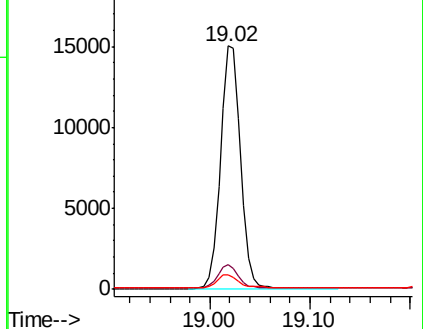
104 5.7 4.7 7.1



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: BN010276.D

Acq: 18 Mar 2020 22:44

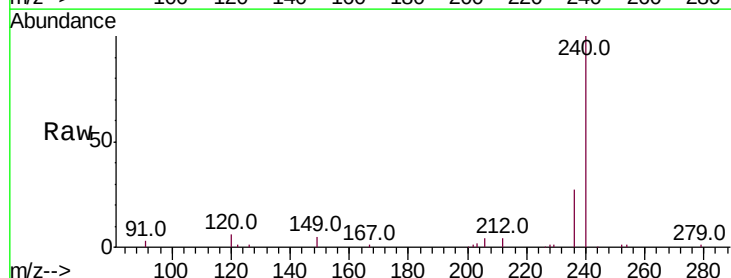
Tgt Ion:240 Resp: 23677

Ion Ratio Lower Upper

240 100

120 5.6 7.7 11.5#

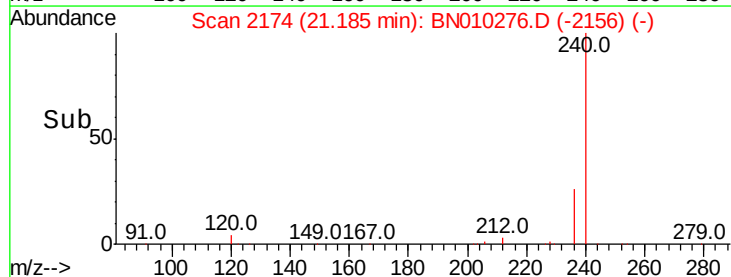
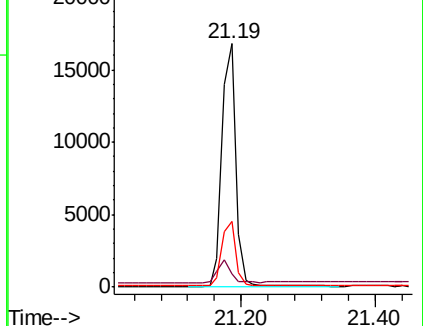
236 26.8 21.8 32.6

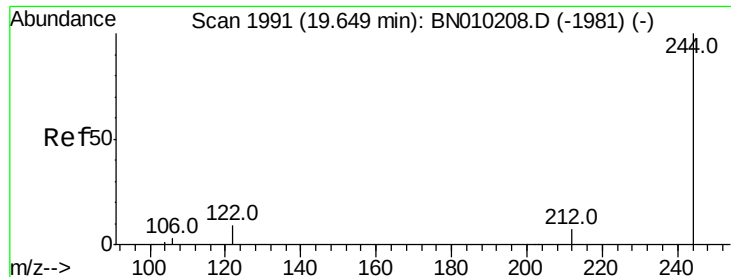


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.525 ng

RT: 19.63 min Scan# 1987

Delta R.T. -0.02 min

Lab File: BN010276.D

Acq: 18 Mar 2020 22:44

Instrument :

BNA_N

ClientSampleId :

RE104D1-20200312

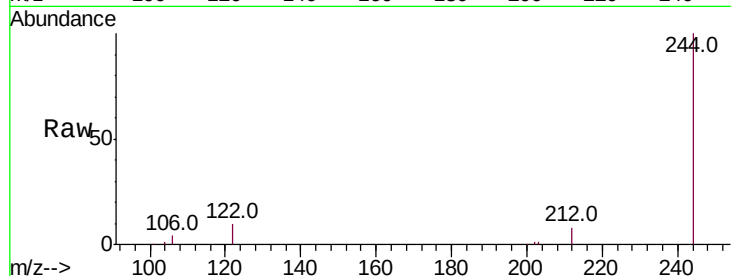
Tot Ion:244 Resp: 28347

Ion Ratio Lower Upper

244 100

212 8.4 6.4 9.6

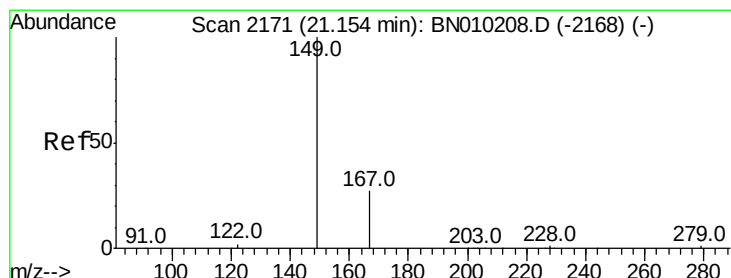
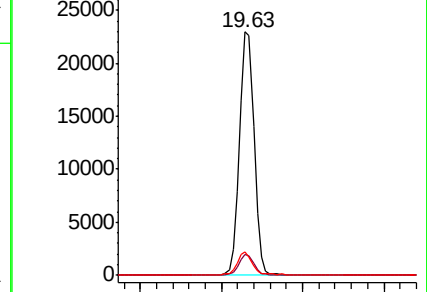
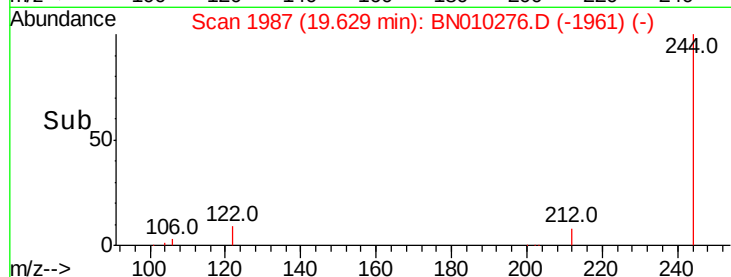
122 9.8 8.1 12.1



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: 0.060 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BN010276.D

Acq: 18 Mar 2020 22:44

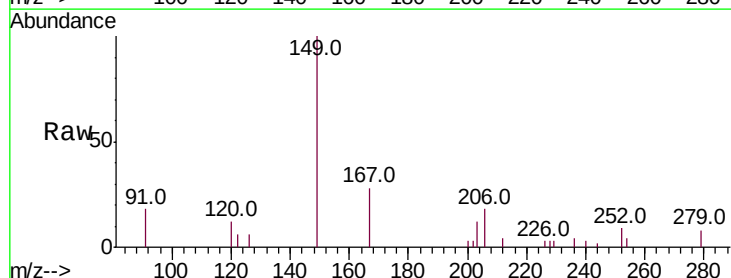
Tgt Ion:149 Resp: 2052

Ion Ratio Lower Upper

149 100

167 29.5 21.0 31.4

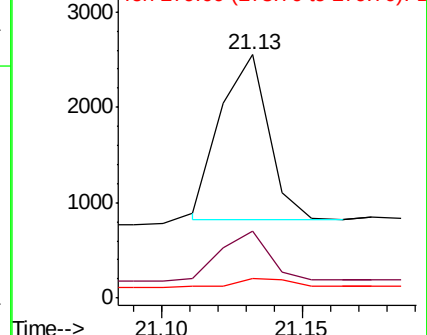
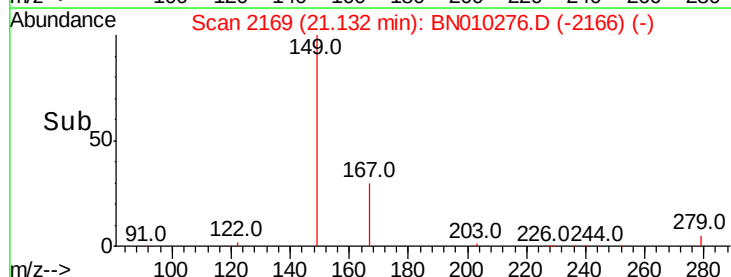
279 4.8 3.1 4.7#

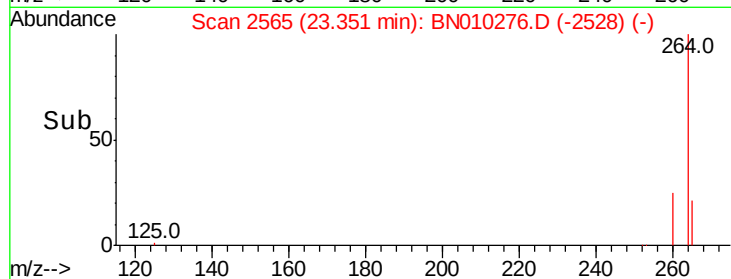
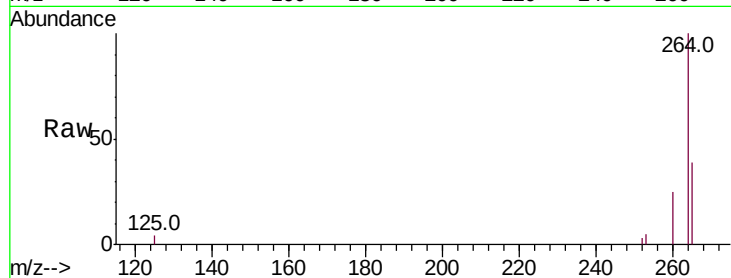
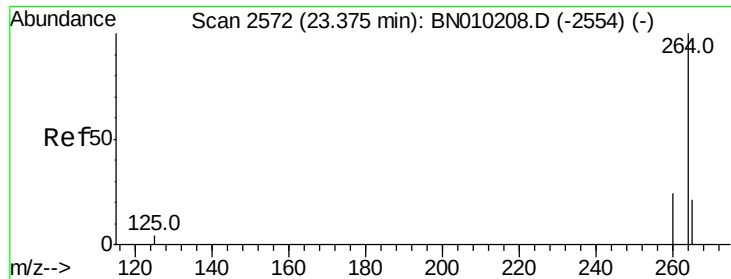


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2565

Delta R.T. -0.02 min

Lab File: BN010276.D

Acq: 18 Mar 2020 22:44

Instrument :

BNA_N

ClientSampleId :

RE104D1-20200312

Tot Ion:264 Resp: 25728

Ion Ratio Lower Upper

264 100

260 25.0 19.7 29.5

265 38.9 25.8 38.6

