

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
 Data File : BN010277.D
 Acq On : 18 Mar 2020 23:20
 Operator : CG/JU
 Sample : L1945-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 19 01:44:45 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

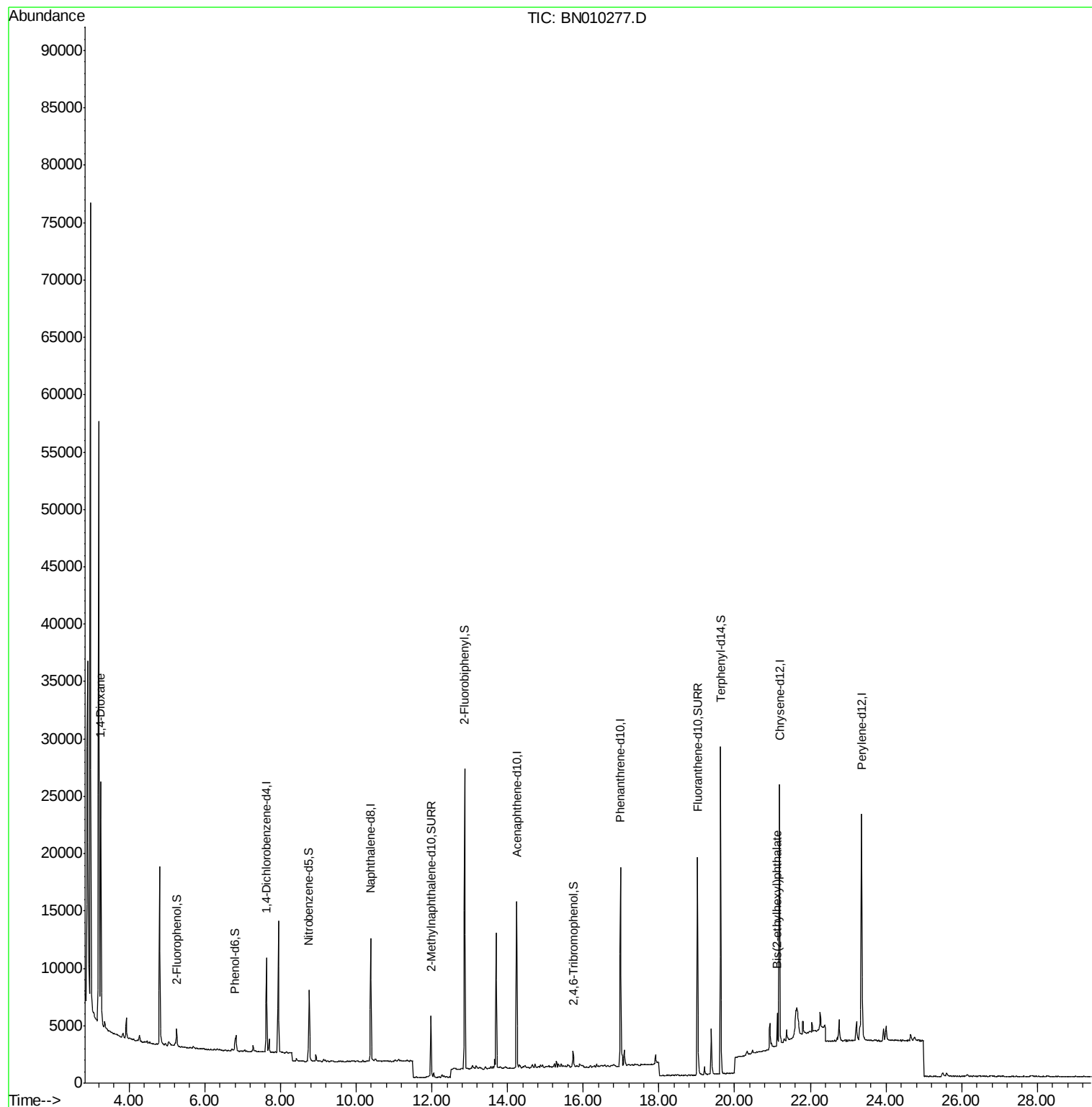
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4055	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	14167	0.40	ng	-0.01
13) Acenaphthene-d10	14.25	164	8990	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	22176	0.40	ng	-0.01
27) Chrysene-d12	21.19	240	23347	0.40	ng	-0.01
34) Perylene-d12	23.35	264	25550	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	1299	0.14	ng	0.00
5) Phenol-d6	6.81	99	972	0.08	ng	0.00
8) Nitrobenzene-d5	8.76	82	5442	0.64	ng	-0.01
11) 2-Methylnaphthalene-d10	11.97	152	7320	0.31	ng	-0.02
14) 2,4,6-Tribromophenol	15.73	330	1121	0.35	ng	-0.02
15) 2-Fluorobiphenyl	12.86	172	21482	0.67	ng	-0.01
25) Fluoranthene-d10	19.02	212	21747	0.32	ng	-0.02
29) Terphenyl-d14	19.63	244	28270	0.53	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.26	88	13749	3.475	ng	# 52
32) Bis(2-ethylhexyl)phthalate	21.13	149	2377	0.070	ng	# 95

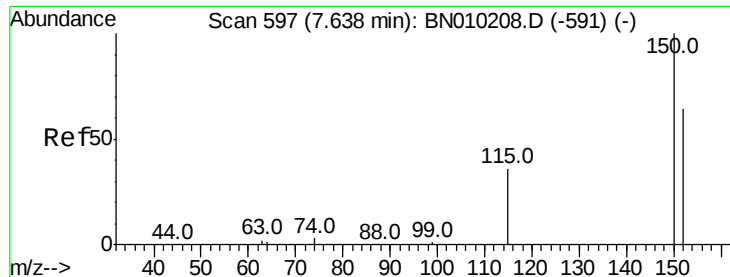
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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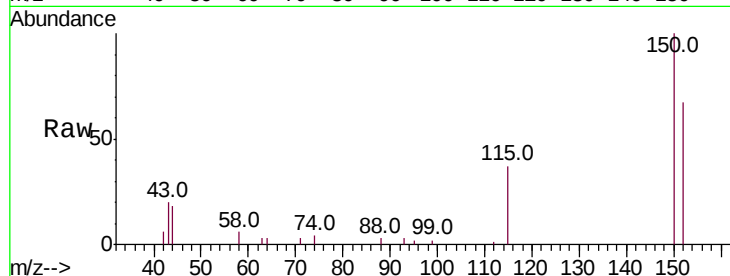


#1

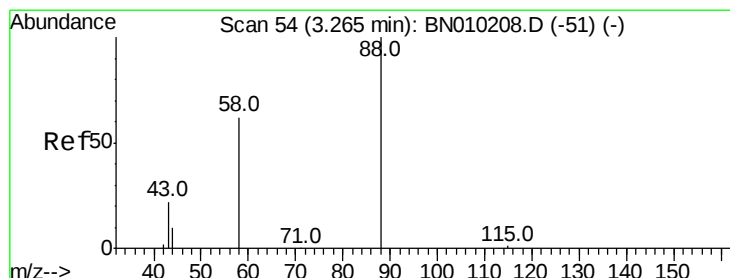
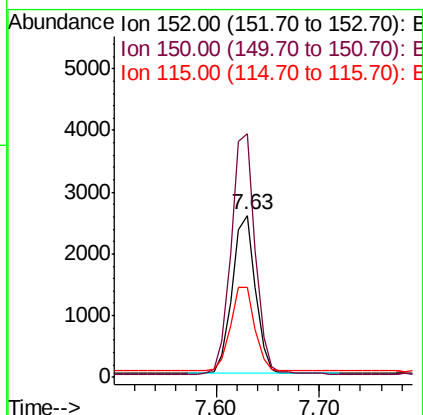
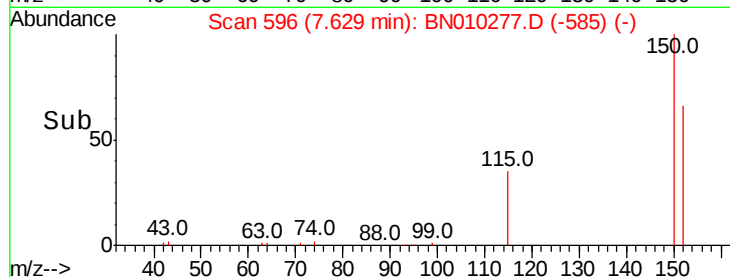
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010277.D
Acq: 18 Mar 2020 23:20

Instrument :
BNA_N
ClientSampled :

Tot Ion:152 Resp: 4055
Ion Ratio Lower Upper
152 100
150 150.2 119.5 179.3
115 55.8 50.9 76.3



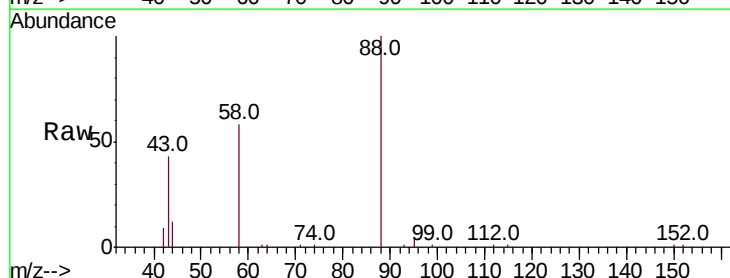
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



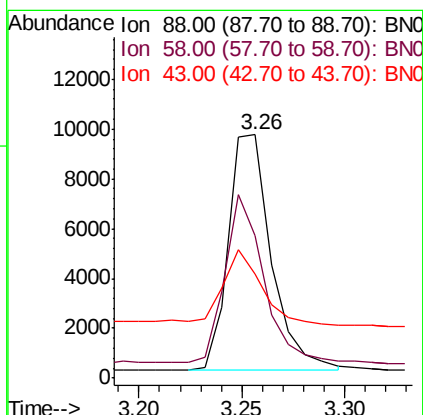
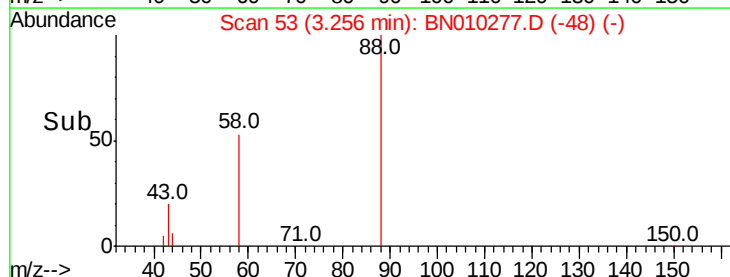
#2

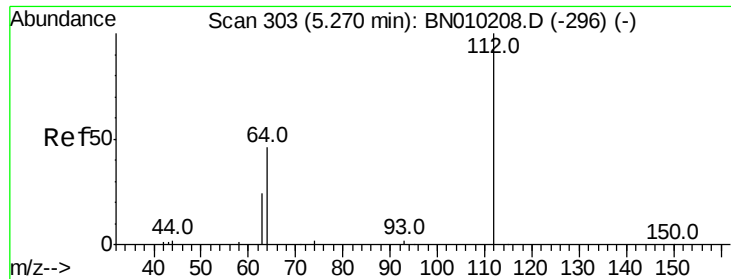
1,4-Dioxane
Concen: 3.475 ng
RT: 3.26 min Scan# 53
Delta R.T. -0.01 min
Lab File: BN010277.D
Acq: 18 Mar 2020 23:20

Tgt Ion: 88 Resp: 13749
Ion Ratio Lower Upper
88 100
58 63.9 97.8 146.8#
43 28.7 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: 0.137 ng

RT: 5.26 min Scan# 302

Delta R.T. -0.01 min

Lab File: BN010277.D

Acq: 18 Mar 2020 23:20

Instrument :

BNA_N

ClientSampleId :

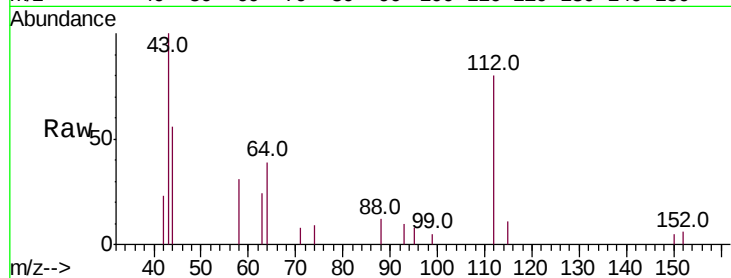
Tot Ion:112 Resp: 1299

Ion Ratio Lower Upper

112 100

64 52.8 42.6 63.8

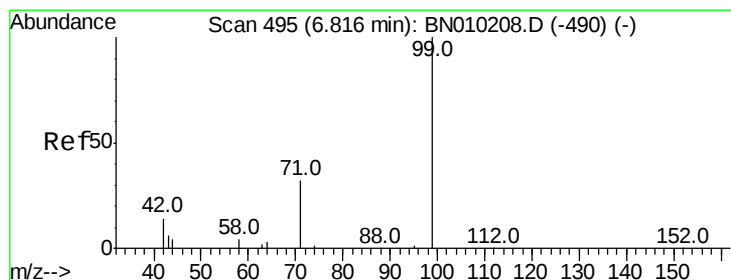
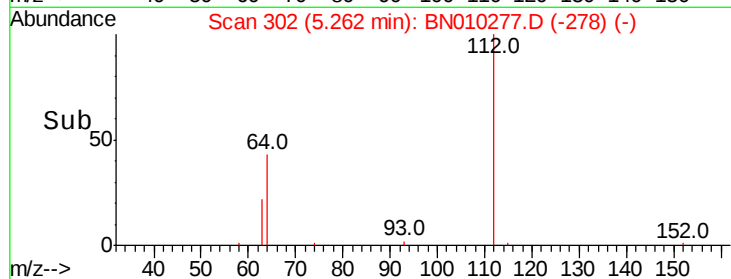
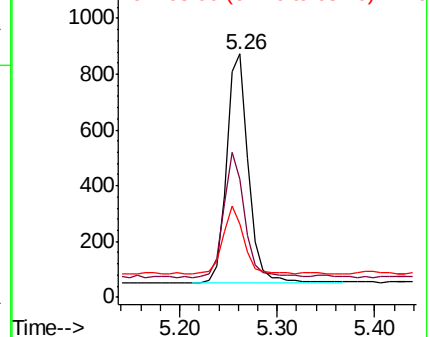
63 29.3 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.082 ng

RT: 6.81 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN010277.D

Acq: 18 Mar 2020 23:20

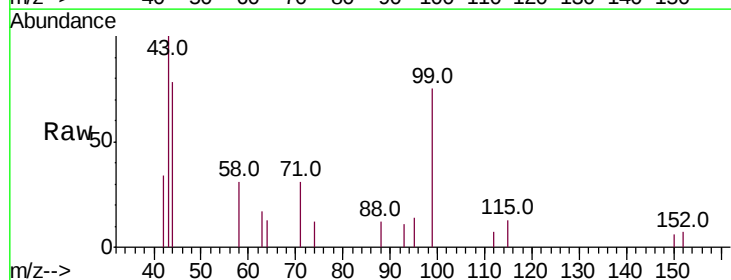
Tgt Ion: 99 Resp: 972

Ion Ratio Lower Upper

99 100

42 32.1 12.0 18.0#

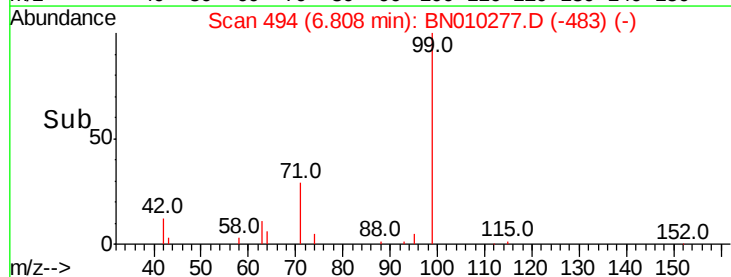
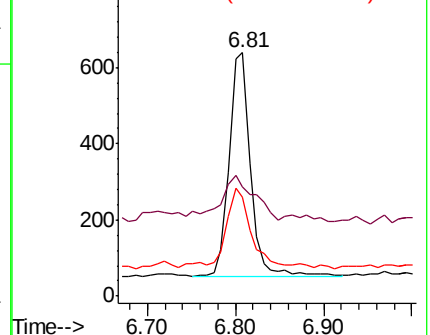
71 45.6 22.6 33.8#

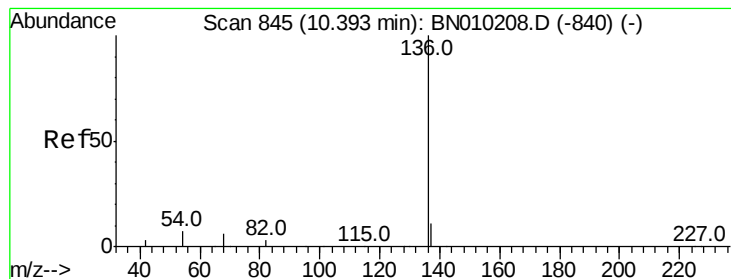


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.38 min Scan# 844

Delta R.T. -0.01 min

Lab File: BN010277.D

Acq: 18 Mar 2020 23:20

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 14167

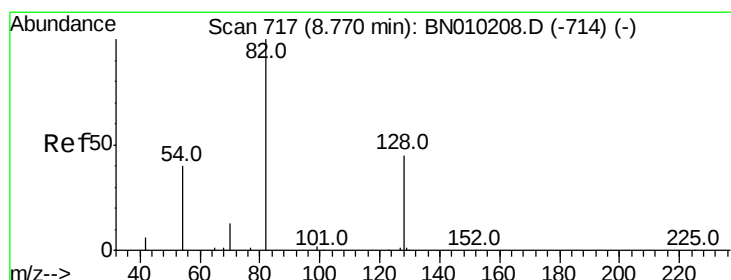
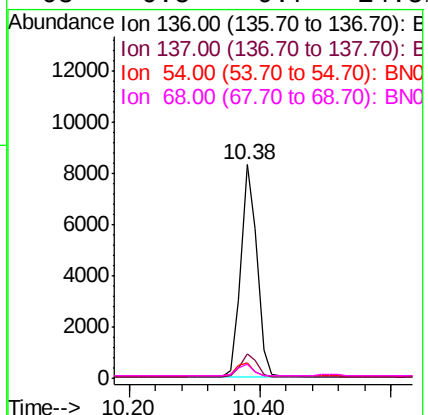
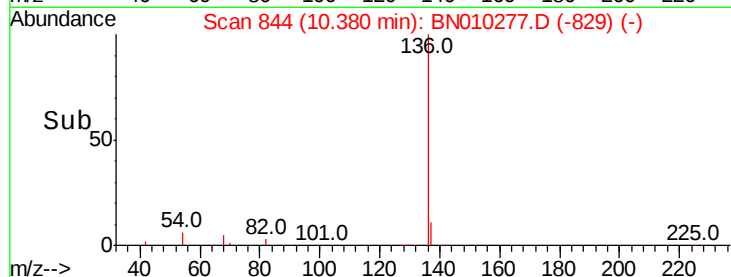
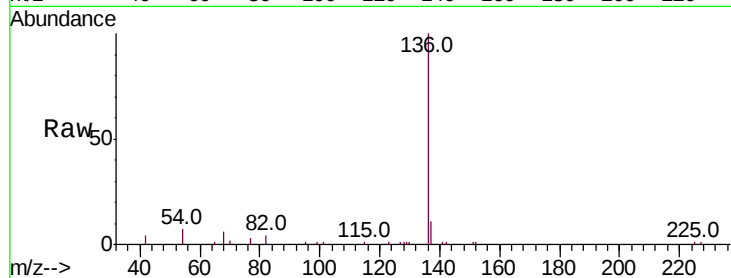
Ion Ratio Lower Upper

136 100

137 11.5 10.6 15.8

54 7.2 9.5 14.3#

68 6.5 9.7 14.5#



#8

Nitrobenzene-d5

Concen: 0.641 ng

RT: 8.76 min Scan# 716

Delta R.T. -0.01 min

Lab File: BN010277.D

Acq: 18 Mar 2020 23:20

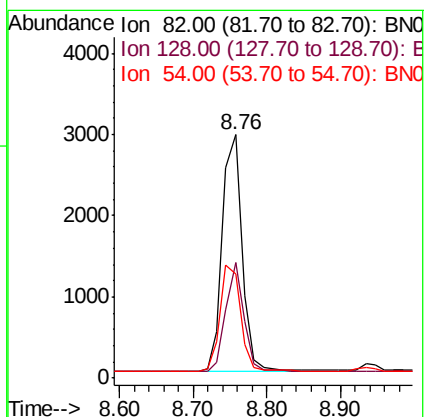
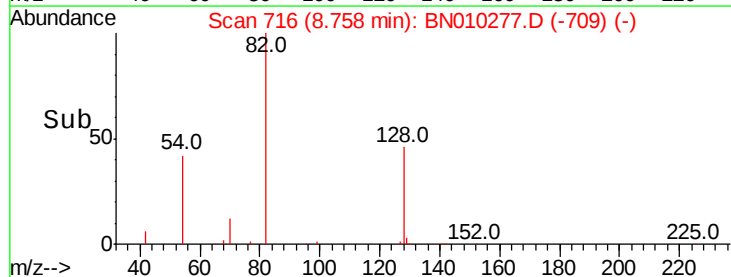
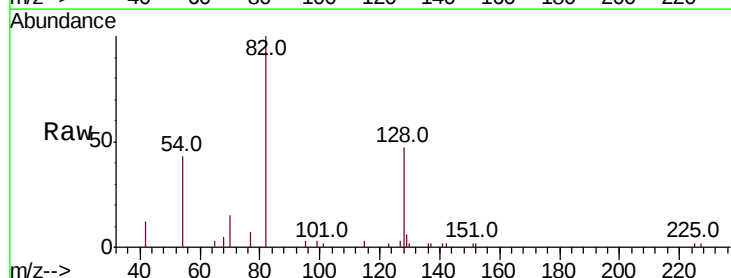
Tgt Ion: 82 Resp: 5442

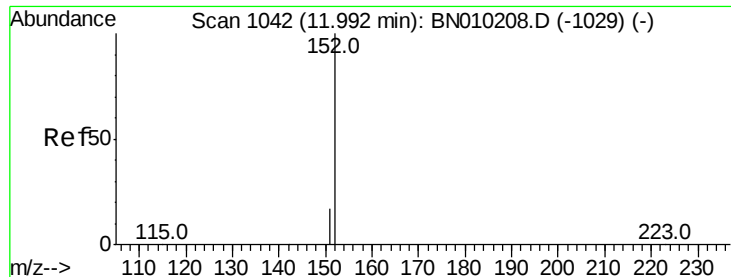
Ion Ratio Lower Upper

82 100

128 47.4 35.0 52.6

54 43.0 37.0 55.4

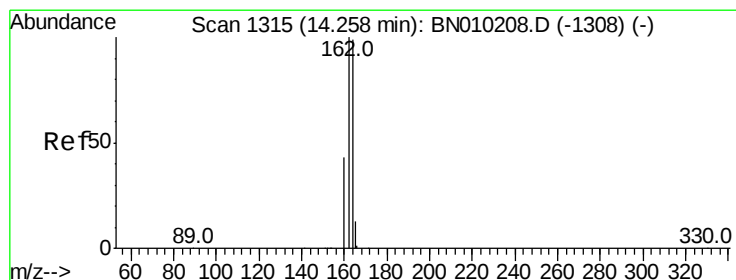
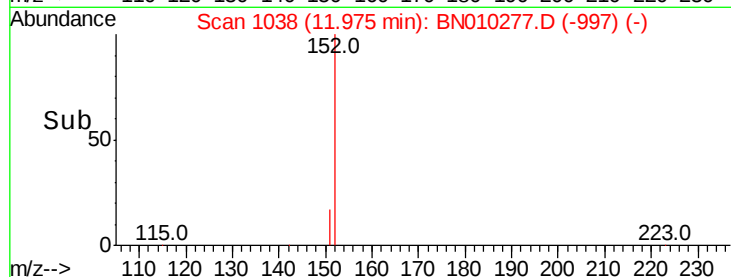
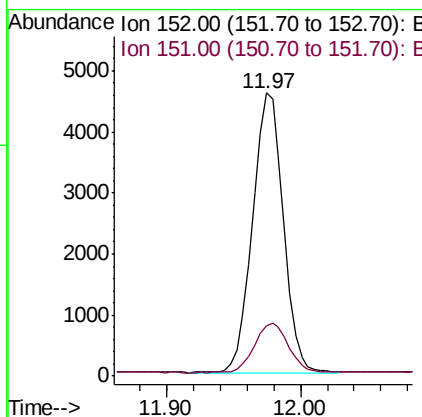
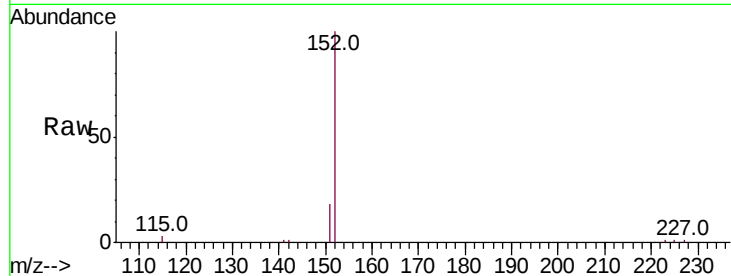




#11
2-Methylnaphthalene-d10
Concen: 0.313 ng
RT: 11.97 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BN010277.D
Acq: 18 Mar 2020 23:20

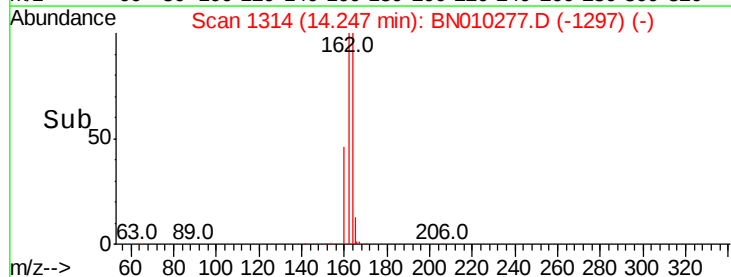
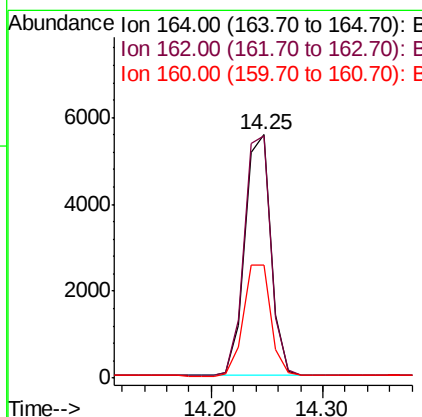
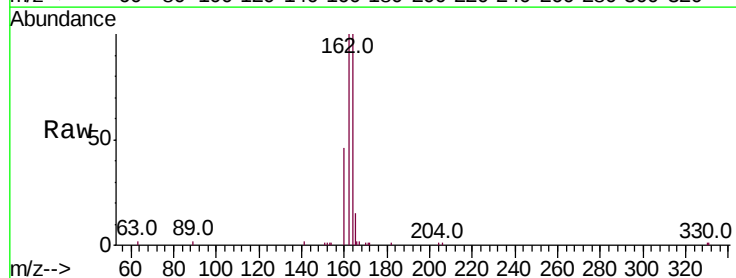
Instrument :
BNA_N
ClientSampled :

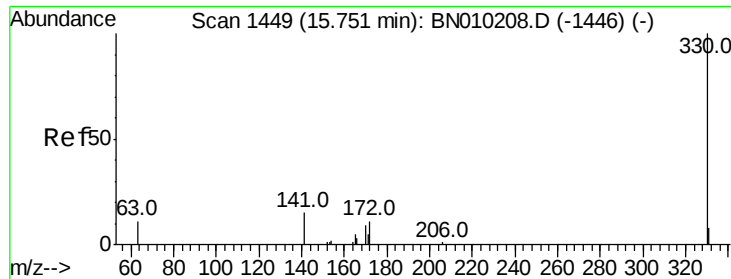
Tot Ion:152 Resp: 7320
Ion Ratio Lower Upper
152 100
151 19.6 15.0 22.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.25 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BN010277.D
Acq: 18 Mar 2020 23:20

Tgt Ion:164 Resp: 8990
Ion Ratio Lower Upper
164 100
162 99.8 81.0 121.4
160 46.2 35.6 53.4

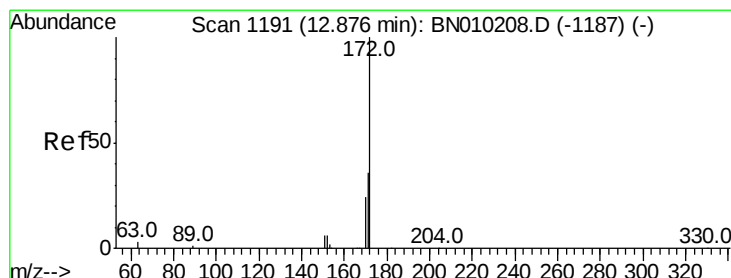
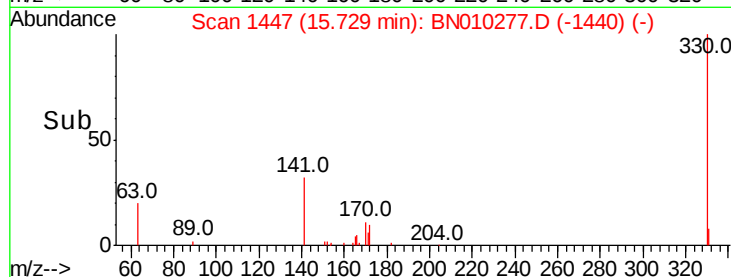
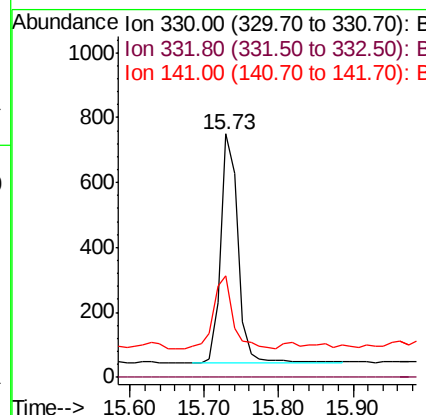
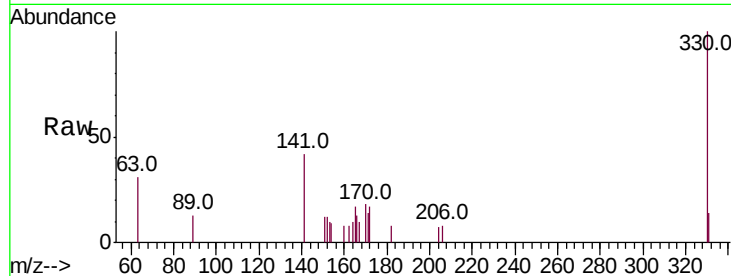




#14
 2,4,6-Tribromophenol
 Concen: 0.348 ng
 RT: 15.73 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BN010277.D
 Acq: 18 Mar 2020 23:20

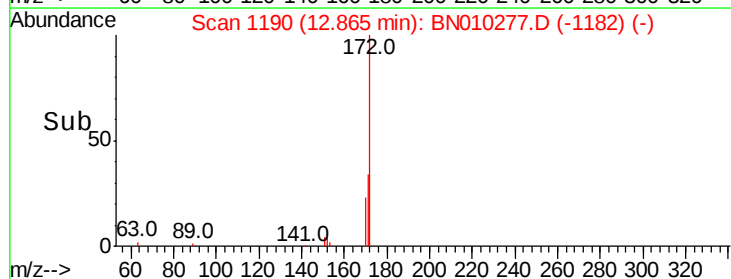
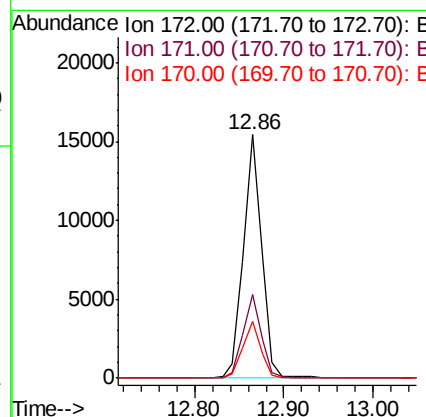
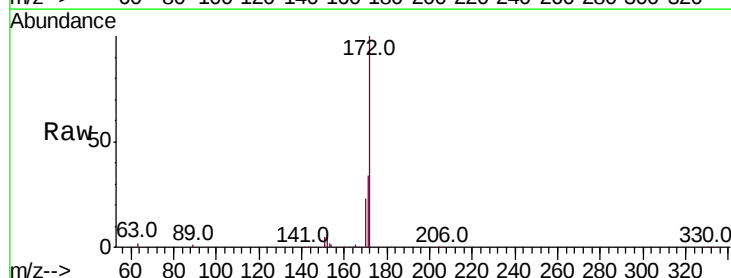
Instrument :
 BNA_N
 ClientSampleId :

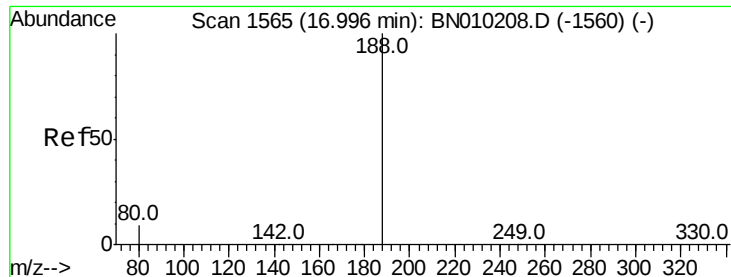
Tot Ion:330 Resp: 1121
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 36.9 25.1 37.7



#15
 2-Fluorobiphenyl
 Concen: 0.671 ng
 RT: 12.86 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BN010277.D
 Acq: 18 Mar 2020 23:20

Tgt Ion:172 Resp: 21482
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.4 44.2
 170 23.1 20.2 30.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.99 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BN010277.D

Acq: 18 Mar 2020 23:20

Instrument :

BNA_N

ClientSampleId :

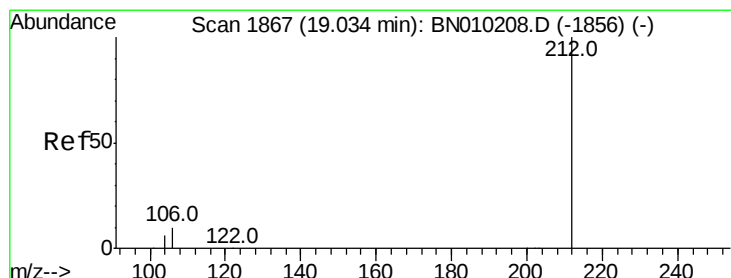
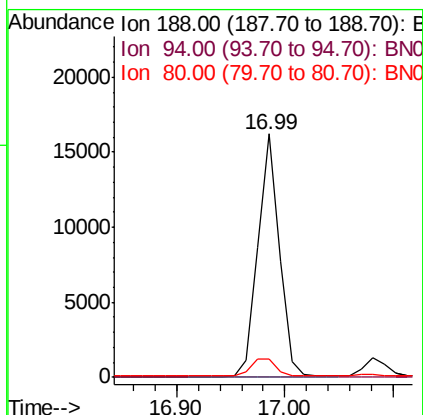
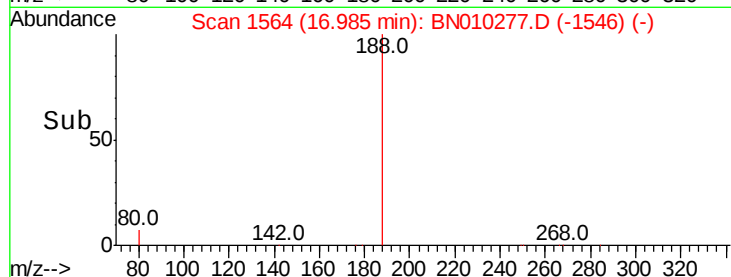
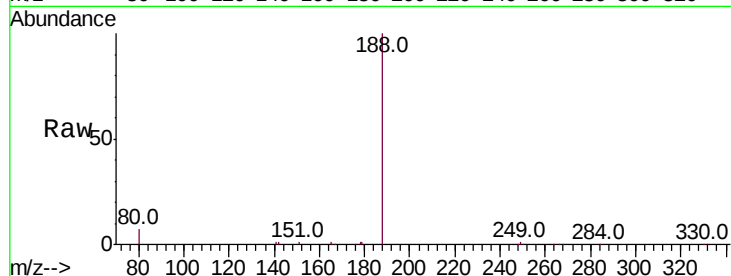
Tot Ion:188 Resp: 22176

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.5 8.6 12.8#



#25

Fluoranthene-d10

Concen: 0.318 ng

RT: 19.02 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BN010277.D

Acq: 18 Mar 2020 23:20

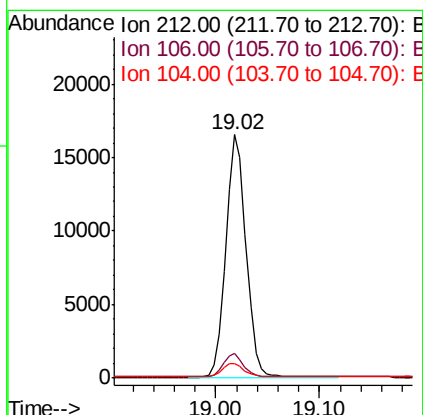
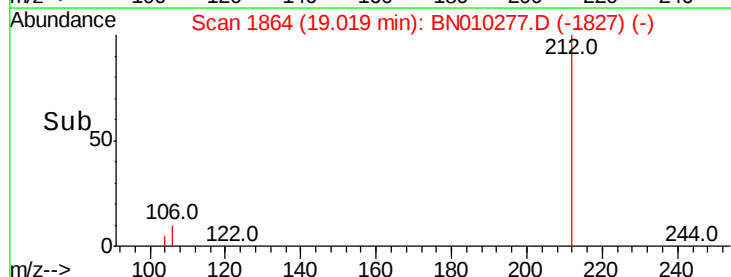
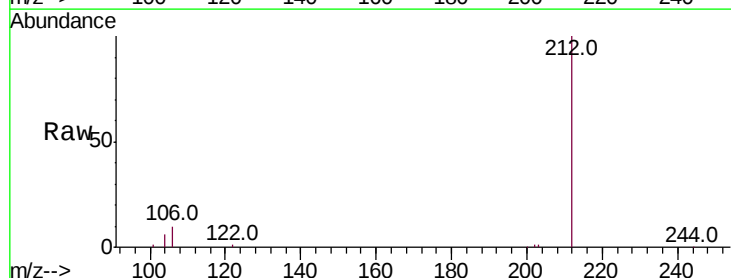
Tgt Ion:212 Resp: 21747

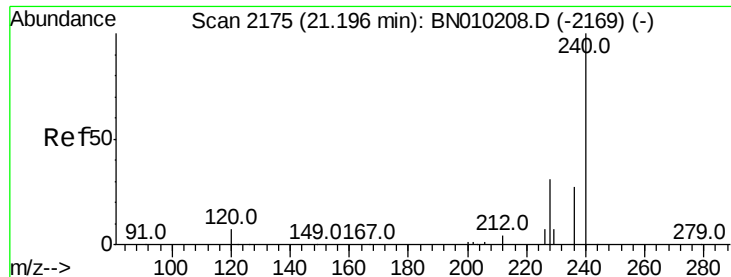
Ion Ratio Lower Upper

212 100

106 9.7 8.1 12.1

104 5.5 4.7 7.1

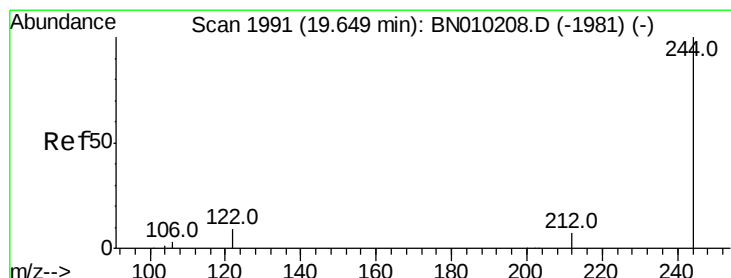
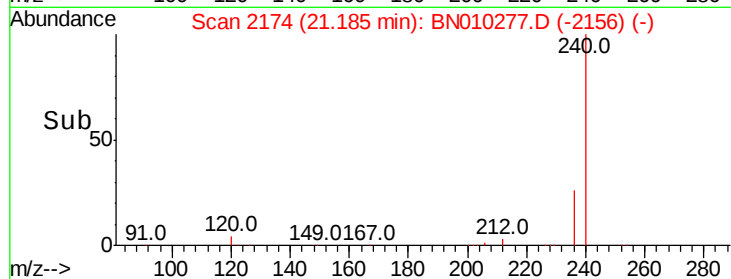
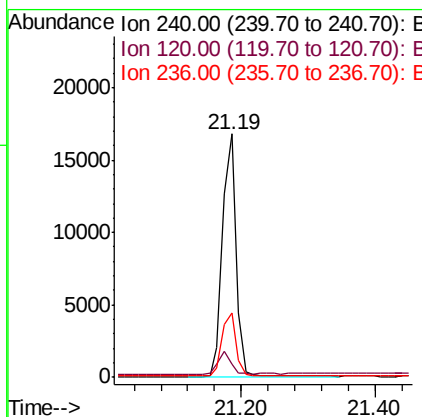
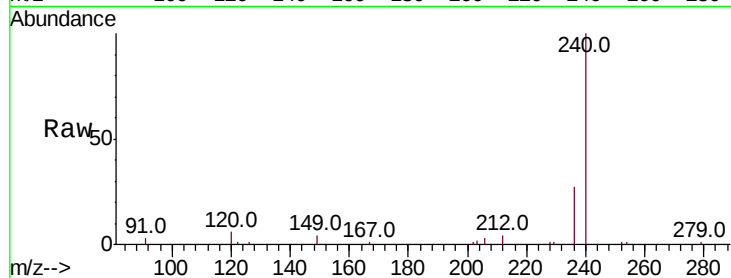




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.19 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BN010277.D
 Acq: 18 Mar 2020 23:20

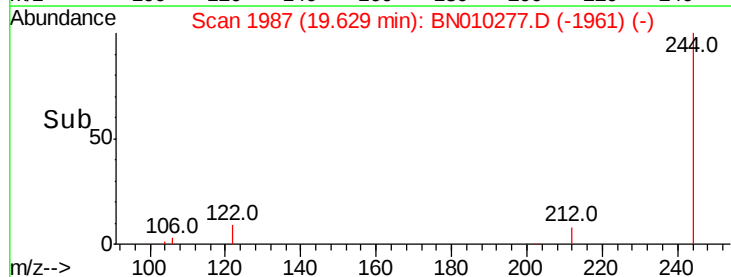
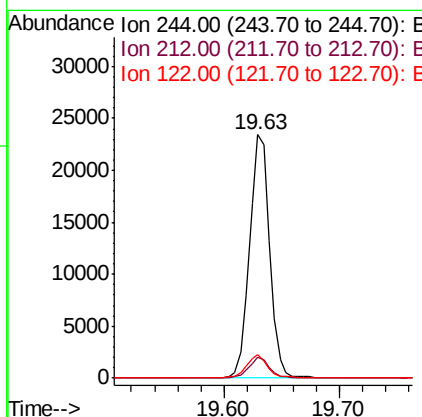
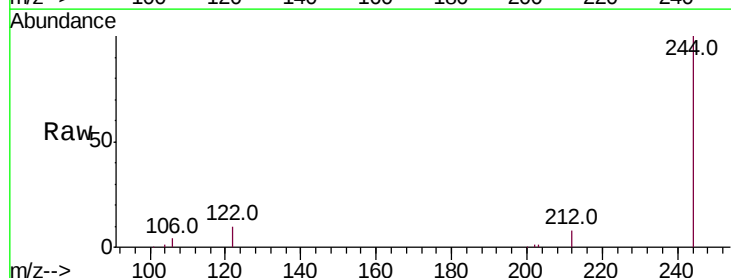
Instrument :
 BNA_N
 ClientSampleId :

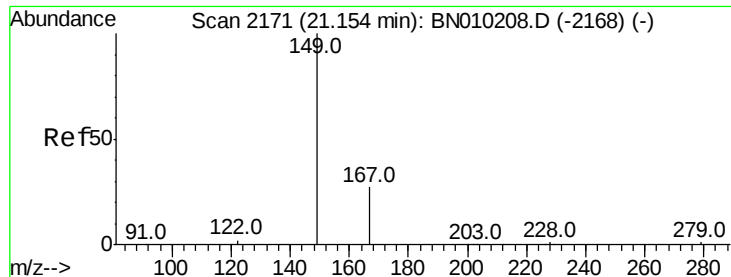
Tot Ion:240 Resp: 23347
 Ion Ratio Lower Upper
 240 100
 120 5.6 7.7 11.5#
 236 26.7 21.8 32.6



#29
 Terphenyl-d14
 Concen: 0.531 ng
 RT: 19.63 min Scan# 1987
 Delta R.T. -0.02 min
 Lab File: BN010277.D
 Acq: 18 Mar 2020 23:20

Tgt Ion:244 Resp: 28270
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.4 9.6
 122 9.6 8.1 12.1





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.070 ng

RT: 21.13 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BN010277.D

Acq: 18 Mar 2020 23:20

Instrument :

BNA_N

ClientSampleId :

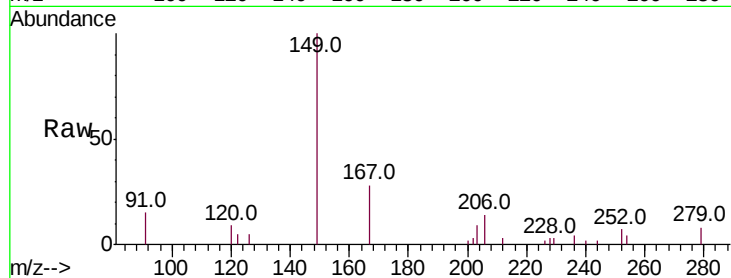
Tot Ion:149 Resp: 2377

Ion Ratio Lower Upper

149 100

167 28.9 21.0 31.4

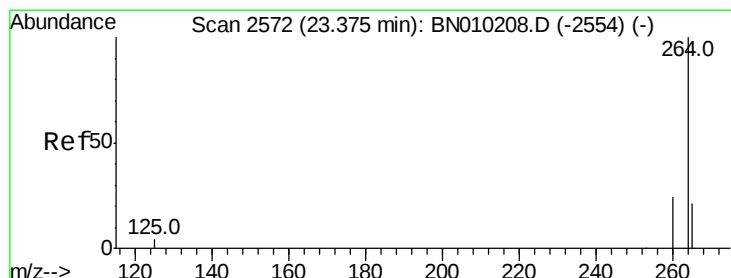
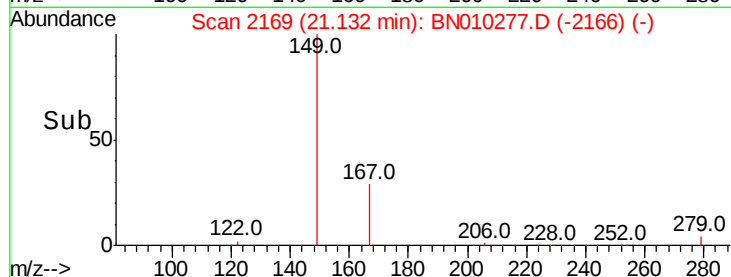
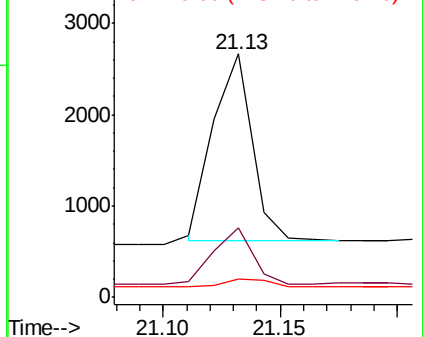
279 5.3 3.1 4.7#



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

Perylene-d12

Concen: 0.400 ng

RT: 23.35 min Scan# 2565

Delta R.T. -0.02 min

Lab File: BN010277.D

Acq: 18 Mar 2020 23:20

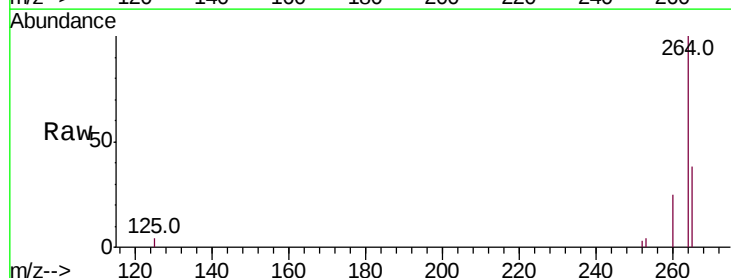
Tgt Ion:264 Resp: 25550

Ion Ratio Lower Upper

264 100

260 24.6 19.7 29.5

265 37.6 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

