

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
 Data File : BN010824.D
 Acq On : 10 Jun 2020 19:15
 Operator : CG/JU
 Sample : L2904-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 11 00:45:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 15:14:26 2020
 Response via : Initial Calibration

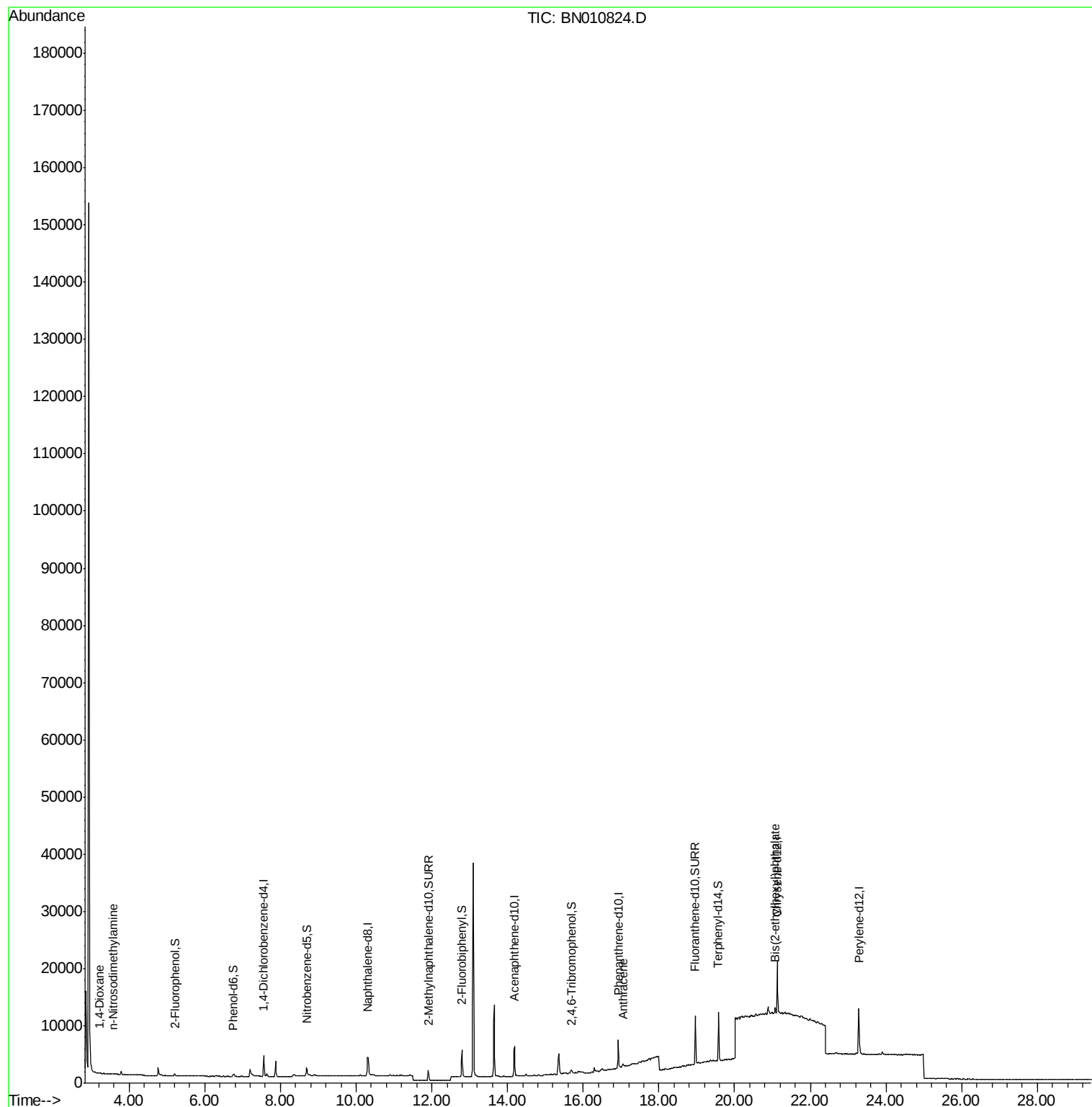
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	1774	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	5834	0.40	ng	0.01
13) Acenaphthene-d10	14.18	164	3386	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	7724	0.40	ng	-0.01
27) Chrysene-d12	21.13	240	9475	0.40	ng	0.00
34) Perylene-d12	23.28	264	10546	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	422	0.12	ng	0.00
5) Phenol-d6	6.75	99	287	0.07	ng	0.00
8) Nitrobenzene-d5	8.69	82	1605	0.37	ng	0.00
11) 2-Methylnaphthalene-d10	11.91	152	2900	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.68	330	445	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.80	172	4813	0.36	ng	0.00
25) Fluoranthene-d10	18.96	212	10140	0.48	ng	0.00
29) Terphenyl-d14	19.57	244	8950	0.40	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.22	88	36	0.021	ng	# 37
3) n-Nitrosodimethylamine	3.58	42	31	0.031	ng	# 1
24) Anthracene	17.06	178	361	0.020	ng	# 35
32) Bis(2-ethylhexyl)phthalate	21.07	149	1070	0.115	ng	95

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

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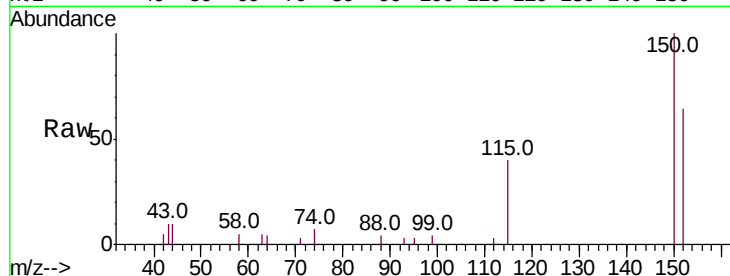


#1

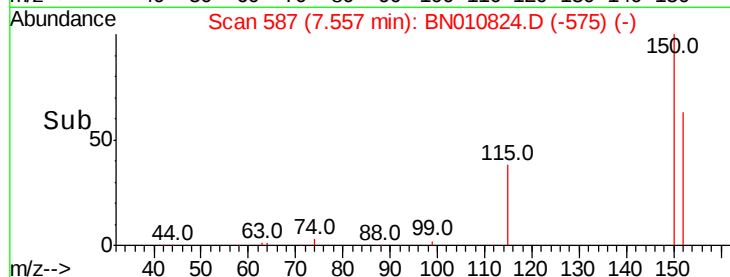
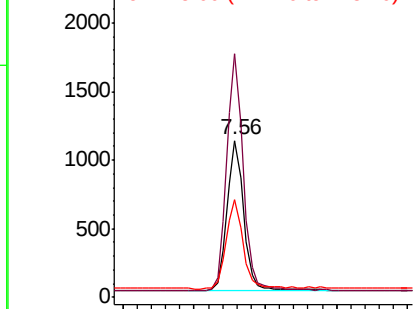
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 587
Delta R.T. 0.00 min
Lab File: BN010824.D
Acq: 10 Jun 2020 19:15

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 1774
Ion Ratio Lower Upper
152 100
150 155.3 123.8 185.6
115 62.4 49.2 73.8



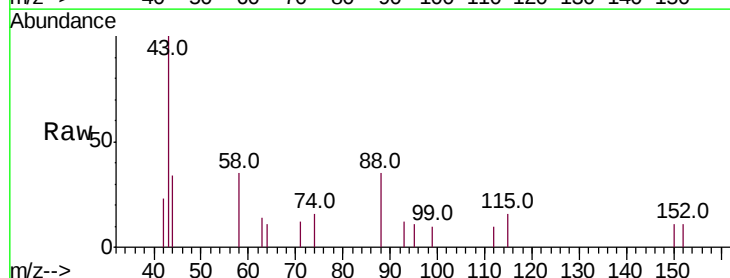
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



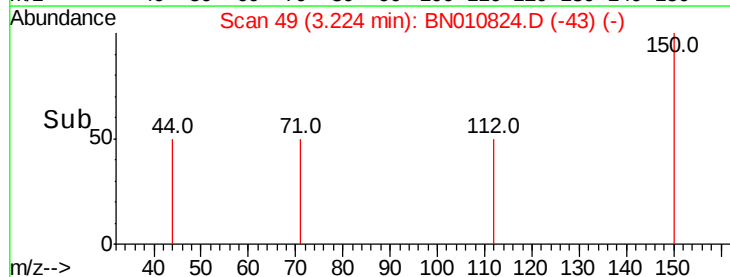
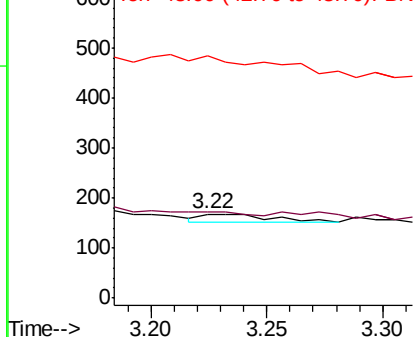
#2

1,4-Dioxane
Concen: 0.021 ng
RT: 3.22 min Scan# 49
Delta R.T. 0.00 min
Lab File: BN010824.D
Acq: 10 Jun 2020 19:15

Tgt Ion: 88 Resp: 36
Ion Ratio Lower Upper
88 100
58 0.0 38.2 57.4#
43 0.0 15.1 22.7#



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



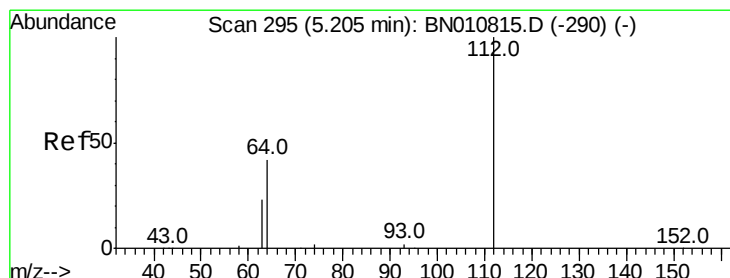
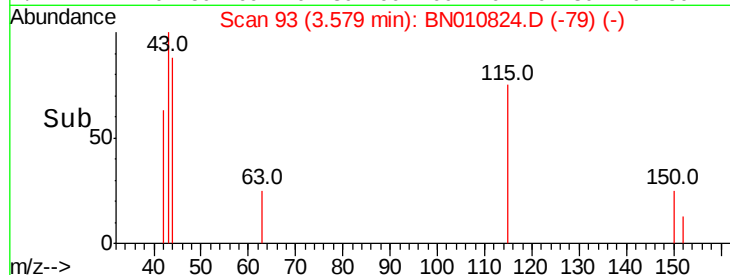
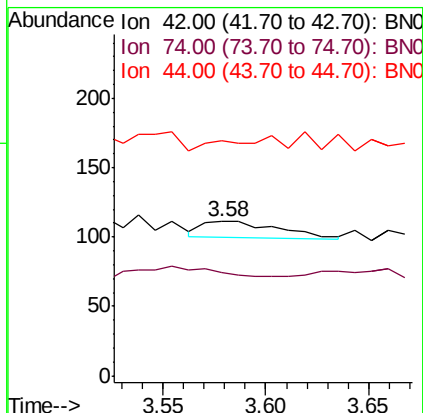
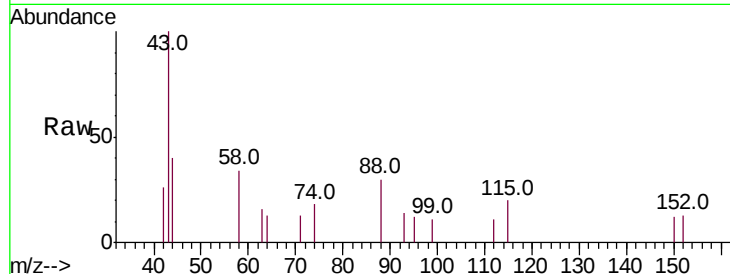


#3

n-Nitrosodimethylamine
 Concen: 0.031 ng
 RT: 3.58 min Scan# 93
 Delta R.T. 0.02 min
 Lab File: BN010824.D
 Acq: 10 Jun 2020 19:15

Instrument :
 BNA_N
 ClientSampled :

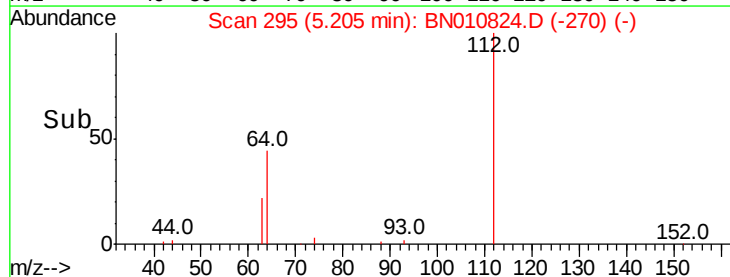
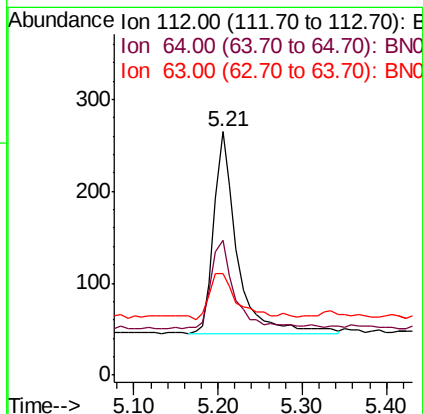
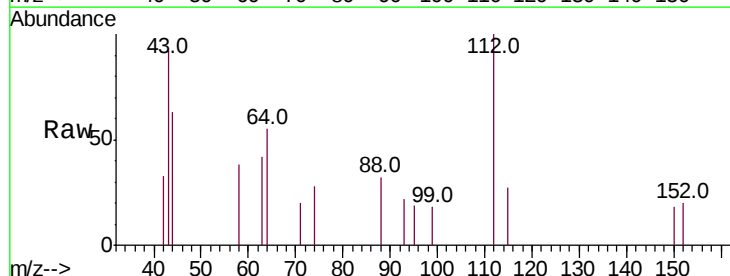
Tot Ion: 42 Resp: 31
 Ion Ratio Lower Upper
 42 100
 74 0.0 140.7 211.1#
 44 0.0 1.4 2.2#

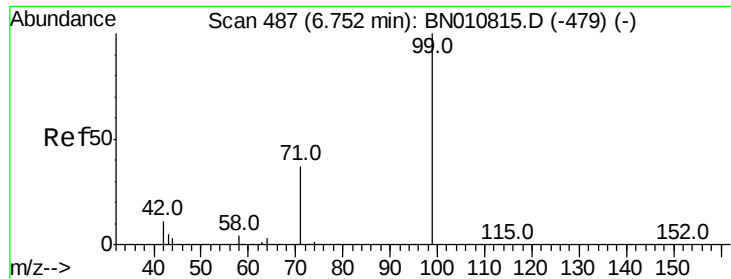


#4

2-Fluorophenol
 Concen: 0.123 ng
 RT: 5.21 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: BN010824.D
 Acq: 10 Jun 2020 19:15

Tgt Ion: 112 Resp: 422
 Ion Ratio Lower Upper
 112 100
 64 45.3 37.4 56.0
 63 26.3 22.2 33.4





#5

Phenol-d6

Concen: 0.071 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.00 min

Lab File: BN010824.D

Acq: 10 Jun 2020 19:15

Instrument :

BNA_N

ClientSampled :

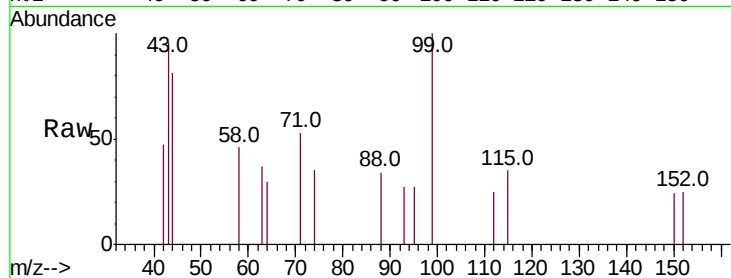
Tot Ion: 99 Resp: 287

Ion Ratio Lower Upper

99 100

42 18.8 11.1 16.7#

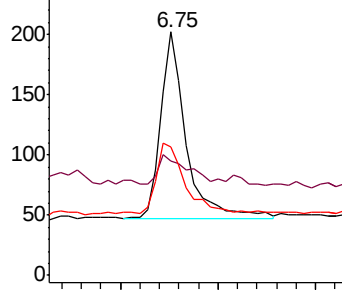
71 43.6 31.4 47.2



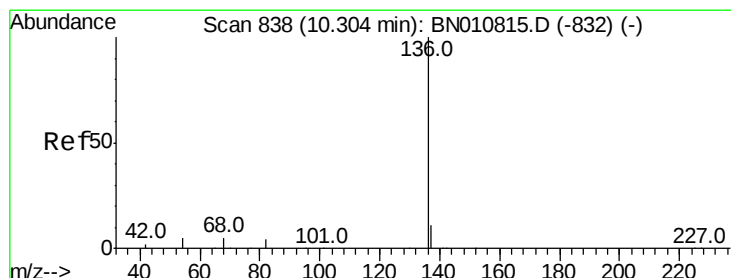
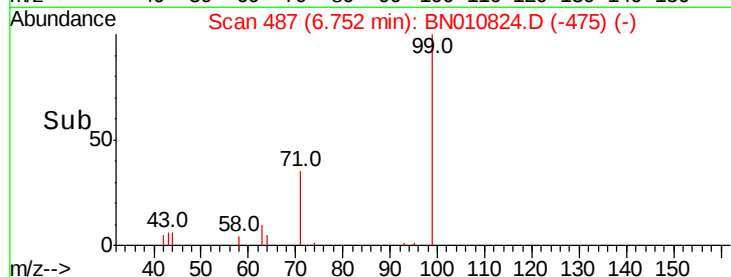
Abundance Ion 99.00 (98.70 to 99.70): BN010815.D (-479) (-)

Ion 42.00 (41.70 to 42.70): BN010815.D (-479) (-)

Ion 71.00 (70.70 to 71.70): BN010815.D (-479) (-)



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.32 min Scan# 839

Delta R.T. 0.01 min

Lab File: BN010824.D

Acq: 10 Jun 2020 19:15

Tgt Ion: 136 Resp: 5834

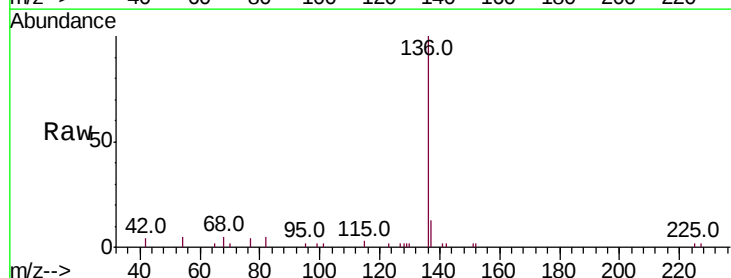
Ion Ratio Lower Upper

136 100

137 12.6 9.7 14.5

54 4.7 4.9 7.3#

68 4.9 4.7 7.1

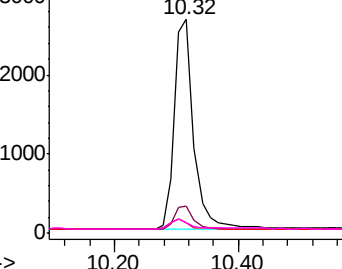


Abundance Ion 136.00 (135.70 to 136.70): BN010815.D (-832) (-)

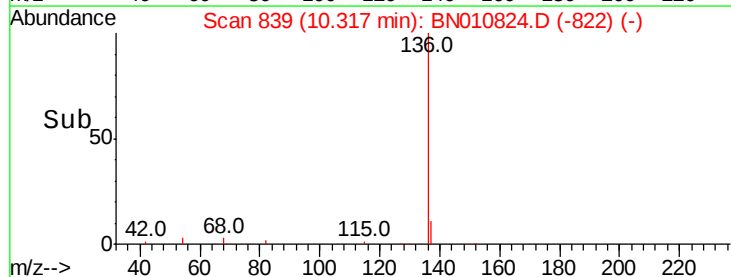
Ion 137.00 (136.70 to 137.70): BN010815.D (-832) (-)

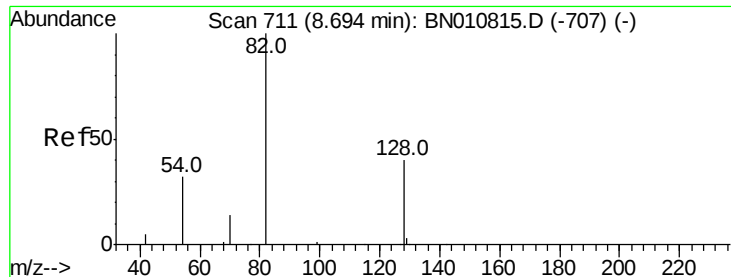
Ion 54.00 (53.70 to 54.70): BN010815.D (-832) (-)

Ion 68.00 (67.70 to 68.70): BN010815.D (-832) (-)



Time-->

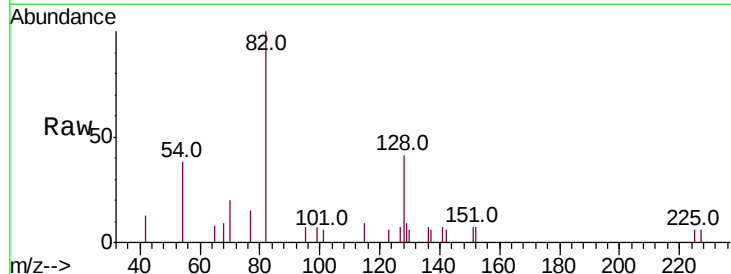




#8
Nitrobenzene-d5
Concen: 0.372 ng
RT: 8.69 min Scan# 711
Delta R.T. 0.00 min
Lab File: BN010824.D
Acq: 10 Jun 2020 19:15

Instrument :
BNA_N
ClientSampleId :

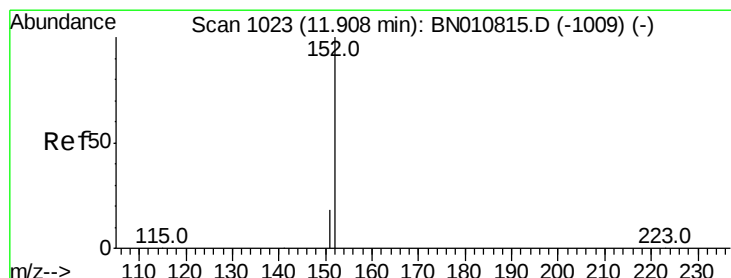
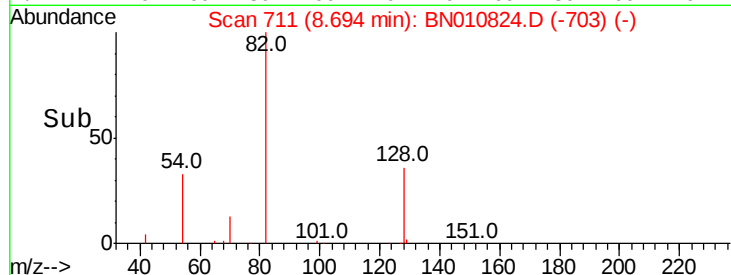
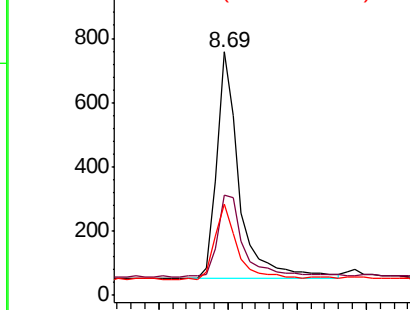
Tot Ion	82	Resp	1605
Ion Ratio	Lower	Upper	
82	100		
128	41.0	35.4	53.0
54	37.6	28.2	42.4



Abundance Ion 82.00 (81.70 to 82.70): BN010824.D (-703) (-)

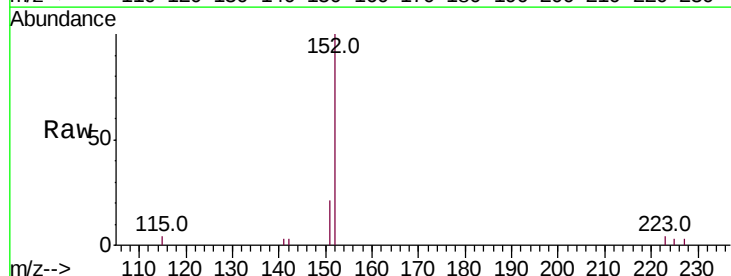
Ion 128.00 (127.70 to 128.70): BN010824.D (-703) (-)

Ion 54.00 (53.70 to 54.70): BN010824.D (-703) (-)



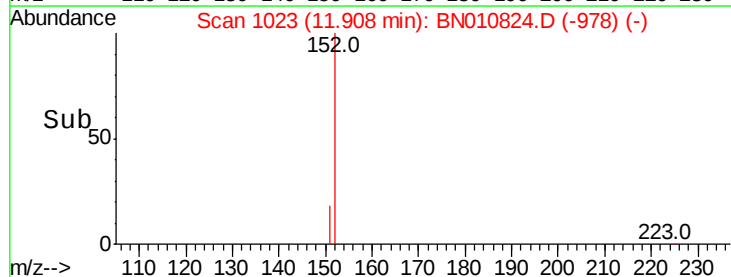
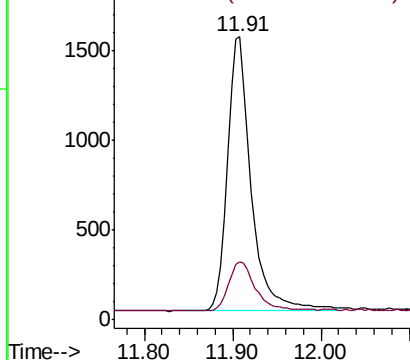
#11
2-Methylnaphthalene-d10
Concen: 0.320 ng
RT: 11.91 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BN010824.D
Acq: 10 Jun 2020 19:15

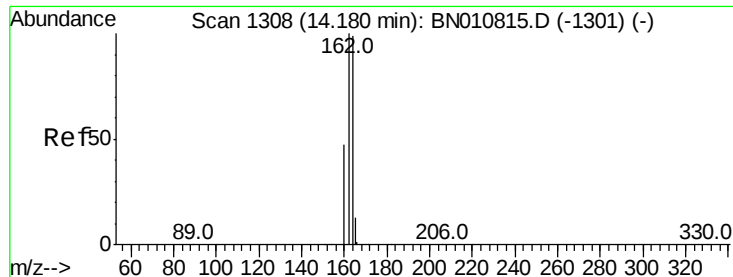
Tgt Ion	152	Resp	2900
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.3	22.9



Abundance Ion 152.00 (151.70 to 152.70): BN010824.D (-978) (-)

Ion 151.00 (150.70 to 151.70): BN010824.D (-978) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.18 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BN010824.D

Acq: 10 Jun 2020 19:15

Instrument :

BNA_N

ClientSampled :

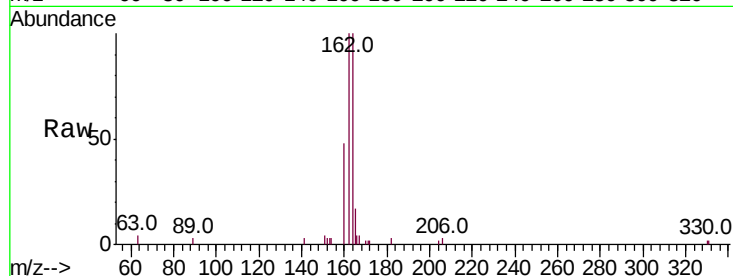
Tot Ion:164 Resp: 3386

Ion Ratio Lower Upper

164 100

162 99.9 81.0 121.6

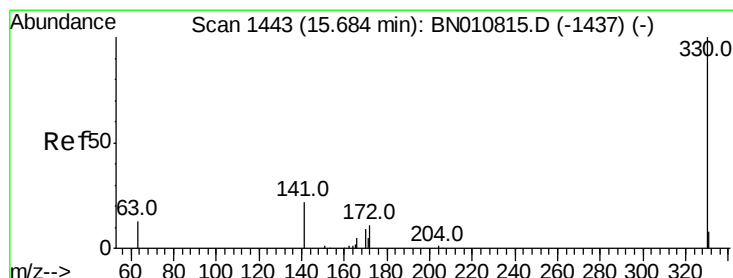
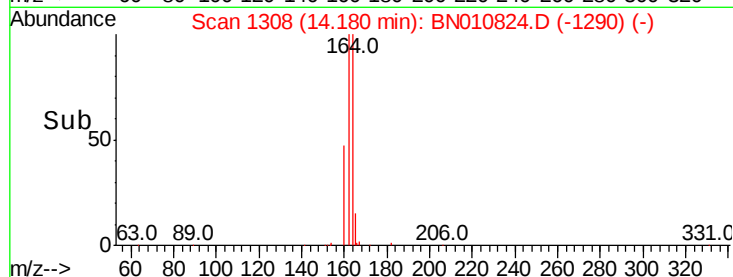
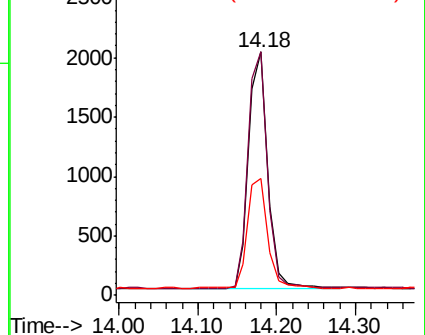
160 48.2 38.9 58.3



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: 0.367 ng

RT: 15.68 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BN010824.D

Acq: 10 Jun 2020 19:15

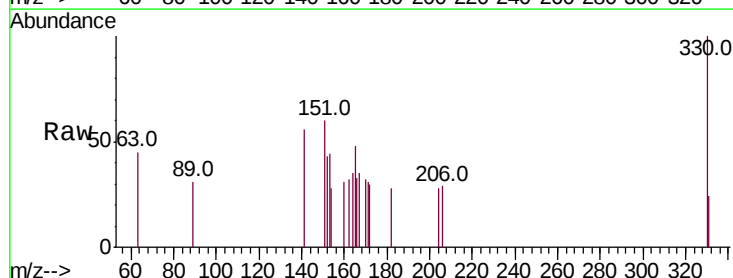
Tgt Ion:330 Resp: 445

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

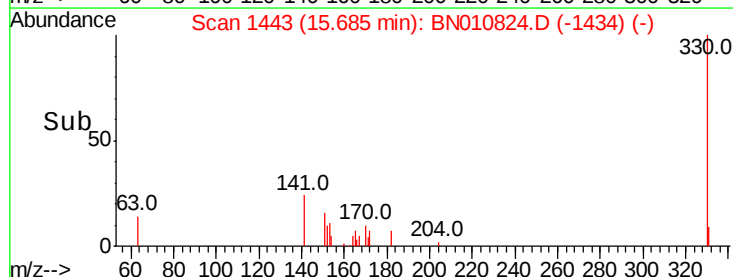
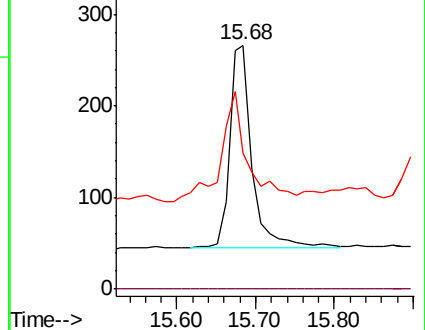
141 53.5 33.2 49.8#

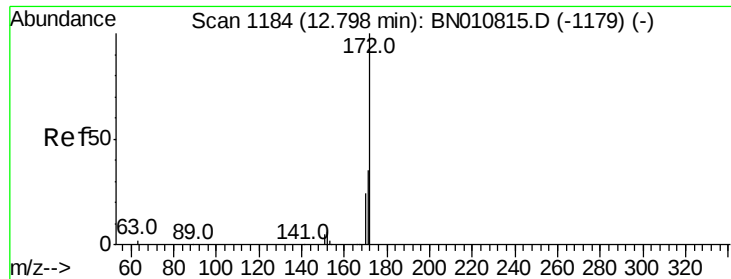


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

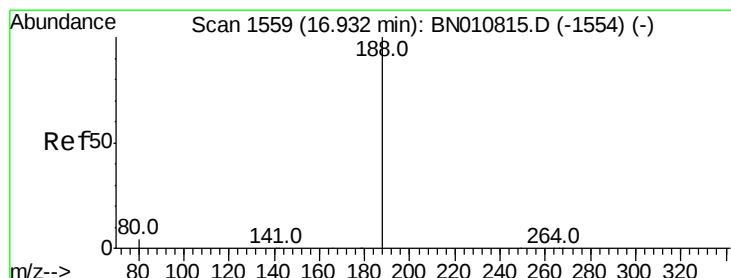
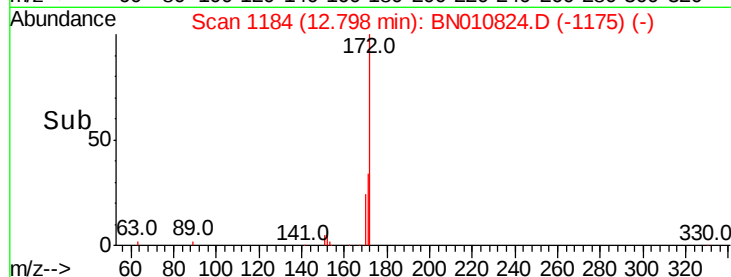
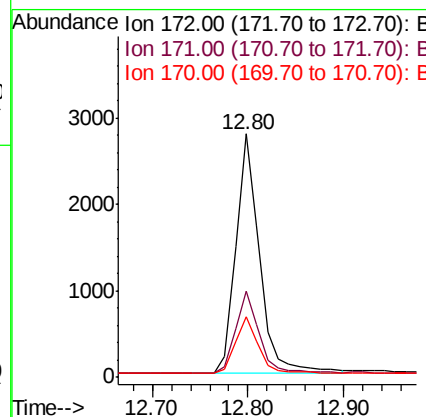
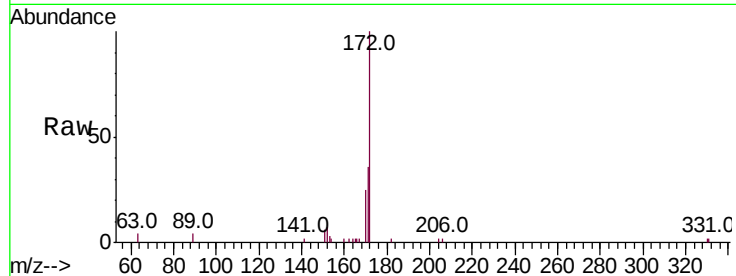




#15
2-Fluorobiphenyl
Concen: 0.360 ng
RT: 12.80 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BN010824.D
Acq: 10 Jun 2020 19:15

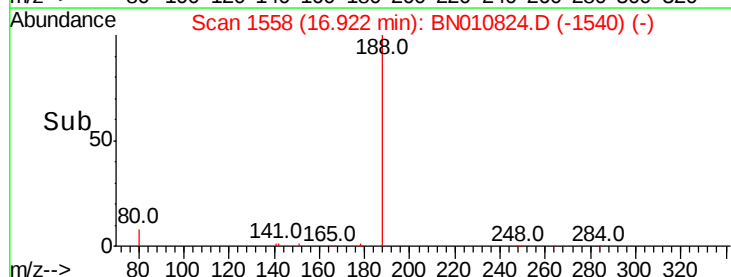
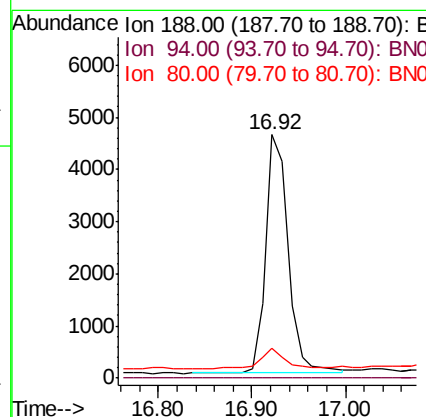
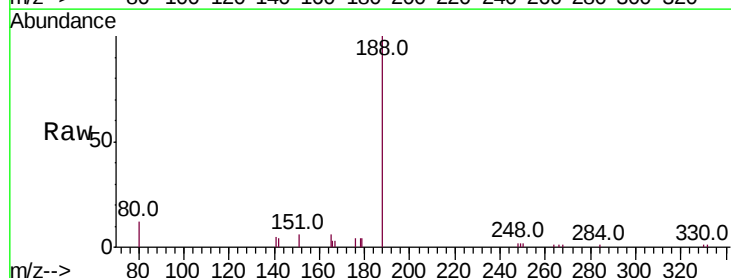
Instrument :
BNA_N
ClientSampleId :

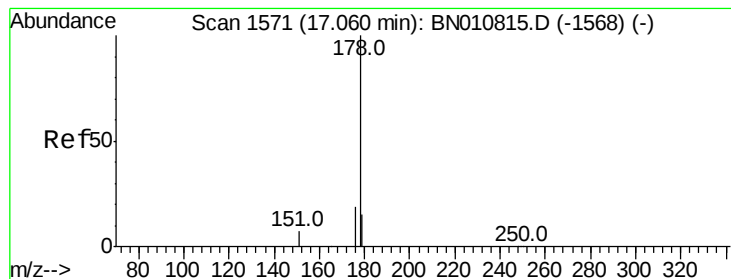
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	24.9	19.7	29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BN010824.D
Acq: 10 Jun 2020 19:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.1	4.5	6.7





#24

Anthracene

Concen: 0.020 ng

RT: 17.06 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BN010824.D

Acq: 10 Jun 2020 19:15

Instrument :

BNA_N

ClientSampleId :

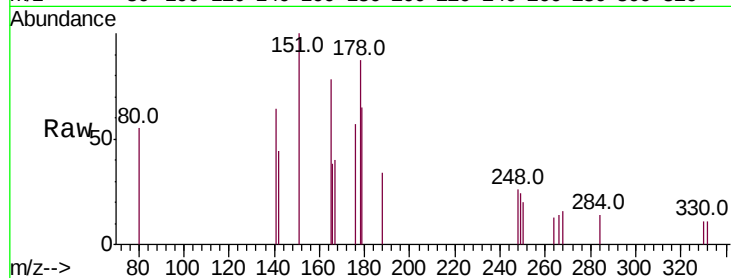
Tot Ion:178 Resp: 361

Ion Ratio Lower Upper

178 100

176 49.3 14.6 22.0#

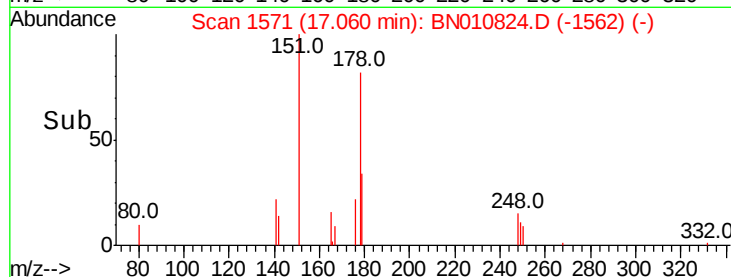
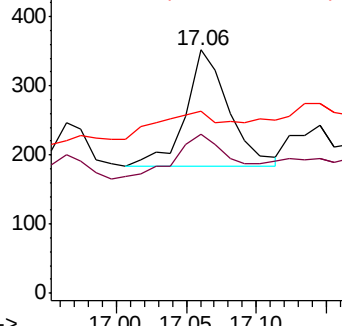
179 40.2 12.3 18.5#



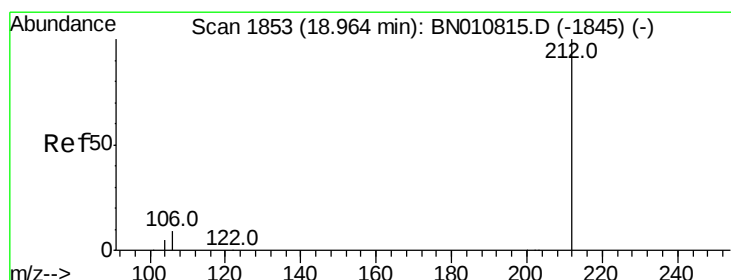
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#25

Fluoranthene-d10

Concen: 0.476 ng

RT: 18.96 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BN010824.D

Acq: 10 Jun 2020 19:15

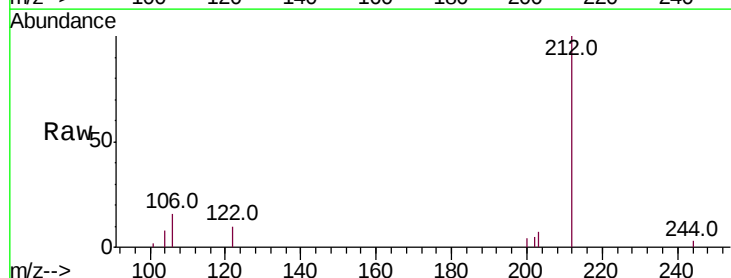
Tgt Ion:212 Resp: 10140

Ion Ratio Lower Upper

212 100

106 10.0 6.6 10.0#

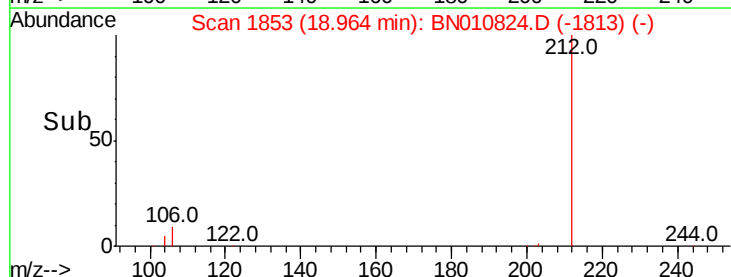
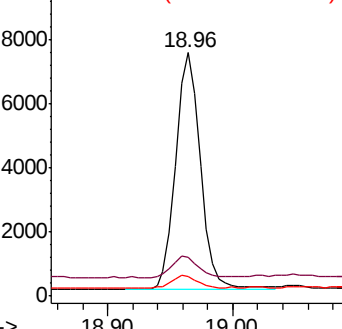
104 5.2 4.0 6.0



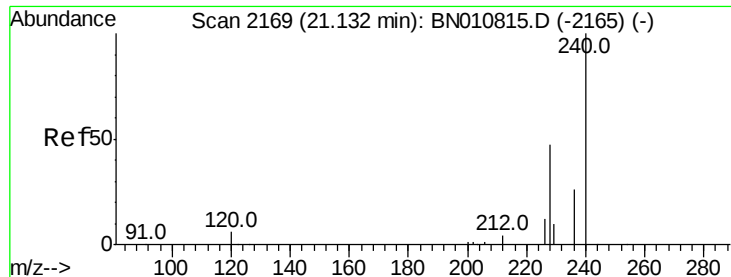
Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



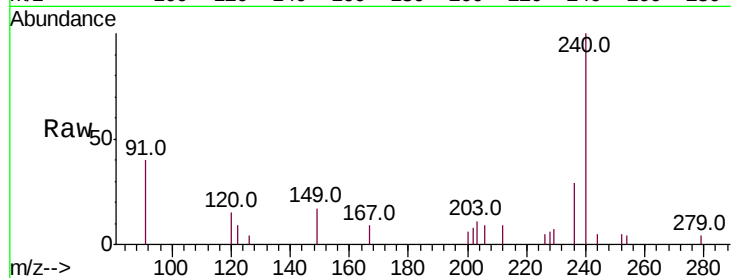
Time-->



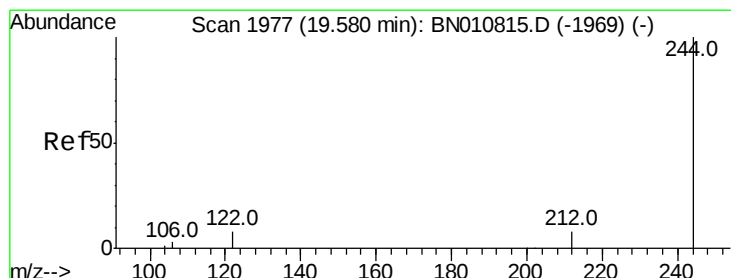
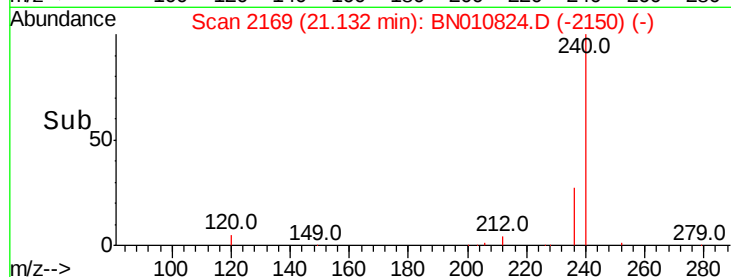
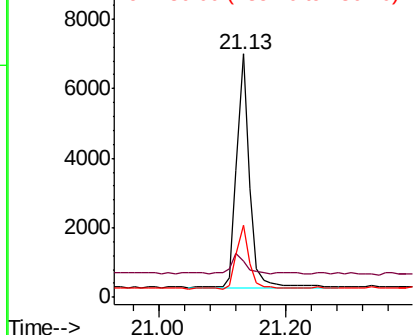
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN010824.D
Acq: 10 Jun 2020 19:15

Instrument :
BNA_N
ClientSampleId :

Tot Ion:240 Resp: 9475
Ion Ratio Lower Upper
240 100
120 14.9 7.5 11.3#
236 29.5 22.3 33.5

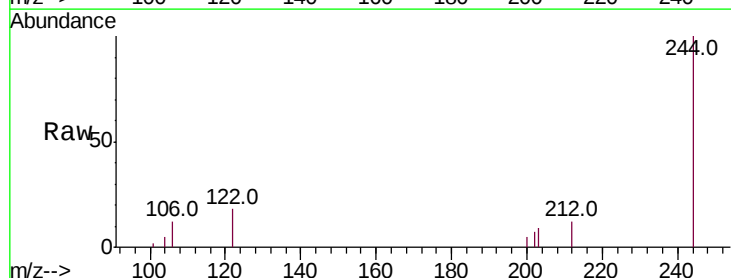


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

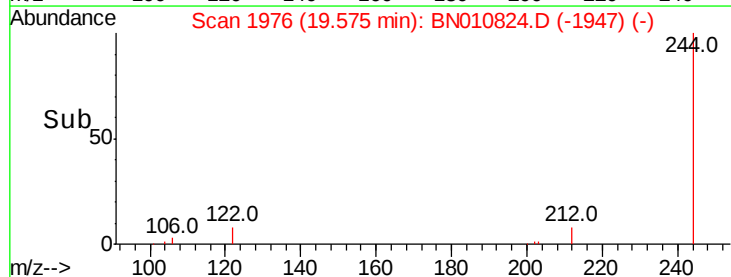
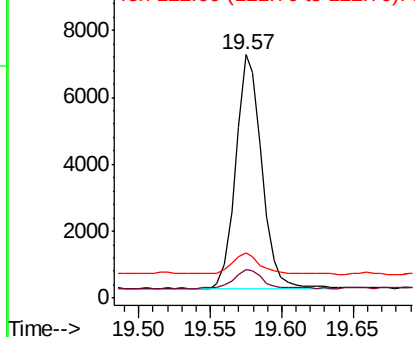


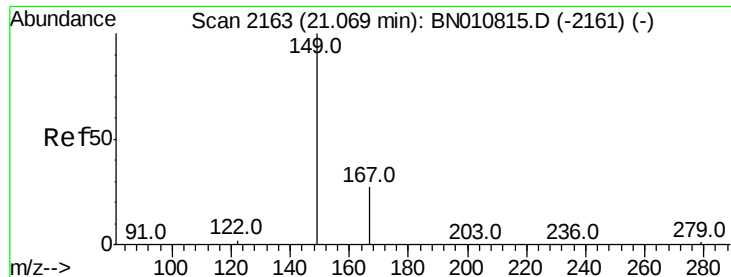
#29
Terphenyl-d14
Concen: 0.404 ng
RT: 19.57 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BN010824.D
Acq: 10 Jun 2020 19:15

Tgt Ion:244 Resp: 8950
Ion Ratio Lower Upper
244 100
212 11.7 7.4 11.2#
122 18.5 7.5 11.3#



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

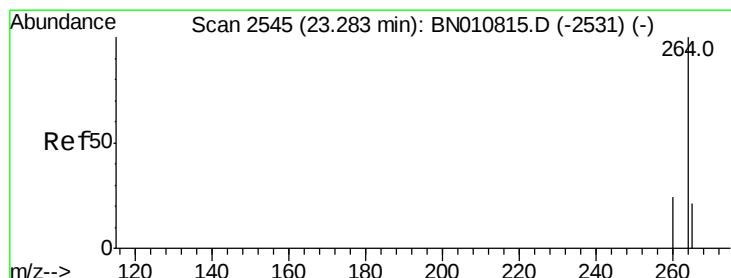
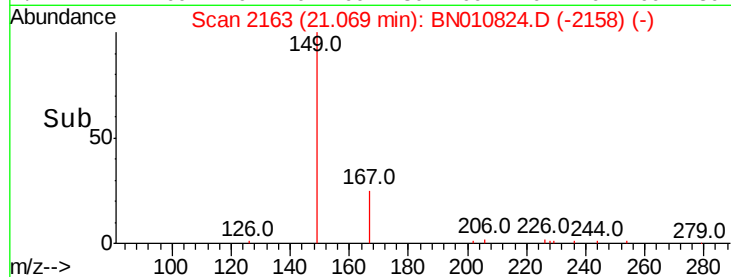
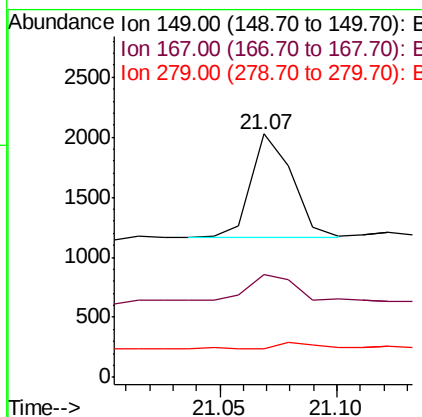
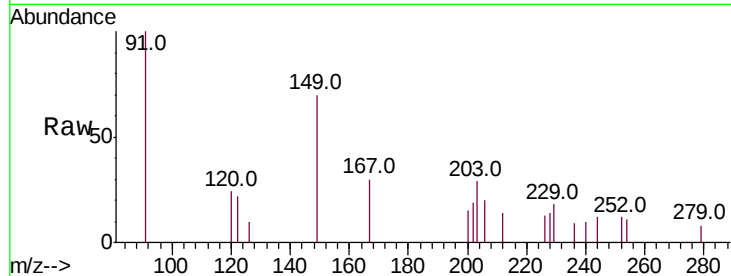




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.115 ng
 RT: 21.07 min Scan# 2163
 Delta R.T. 0.00 min
 Lab File: BN010824.D
 Acq: 10 Jun 2020 19:15

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:149 Resp: 1070
 Ion Ratio Lower Upper
 149 100
 167 27.4 24.1 36.1
 279 6.7 4.6 7.0



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.28 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: BN010824.D
 Acq: 10 Jun 2020 19:15

Tgt Ion:264 Resp: 10546
 Ion Ratio Lower Upper
 264 100
 260 25.6 20.4 30.6
 265 73.5 75.0 112.4#

