

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 :
 VE-2-1

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

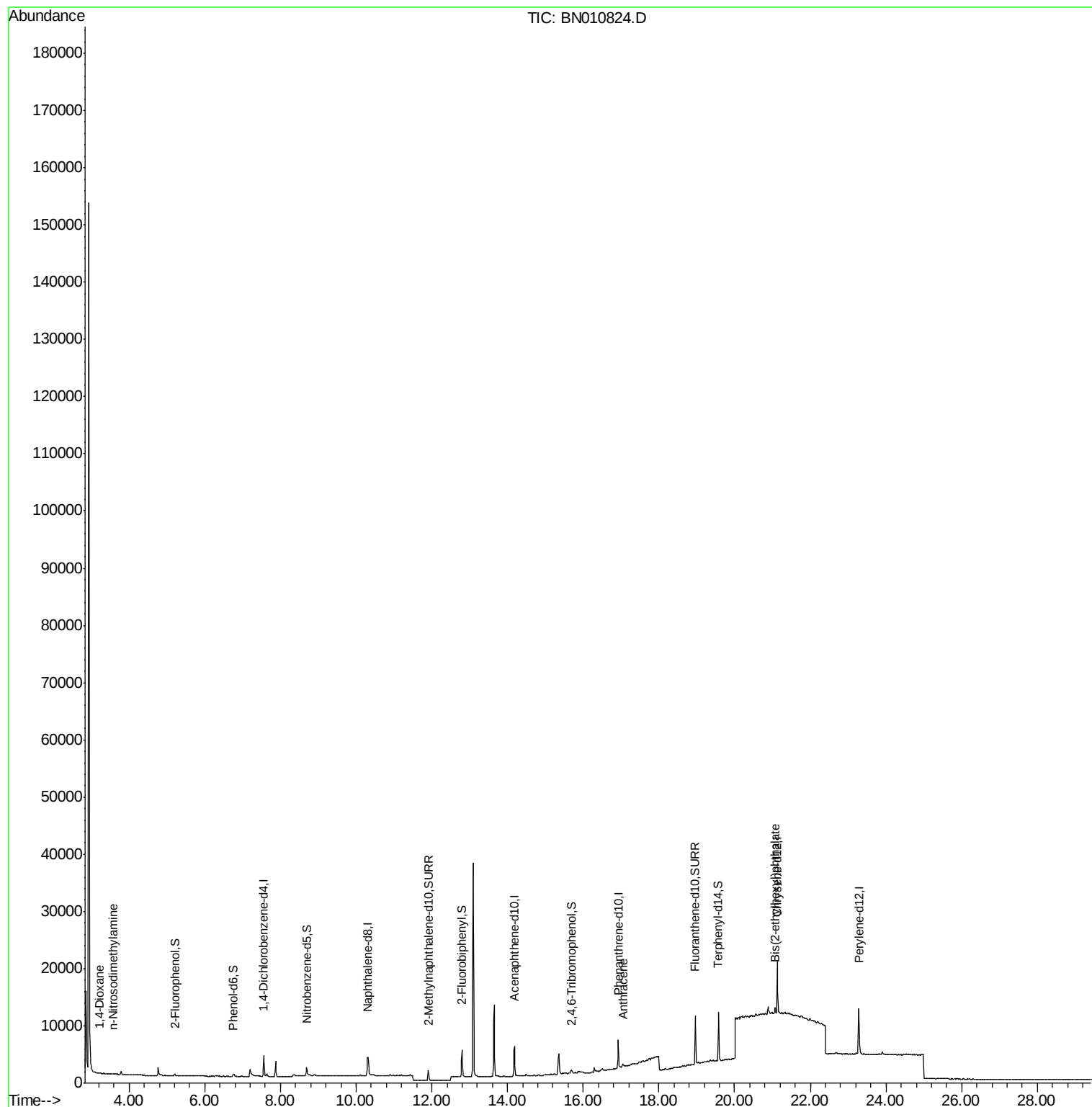
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	1774	0.40	ng	0.00
7) Naphthalene-d8	10.32	136	5834	0.40	ng	0.01
13) Acenaphthene-d10	14.18	164	3386	0.40	ng	0.00
19) Phenanthrene-d10	16.92	188	7724	0.40	ng	-0.01
27) Chrysene-d12	21.13	240	9475	0.40	ng	0.00
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

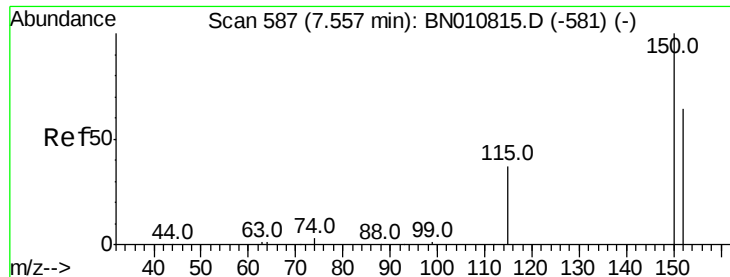
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

VE-2-1

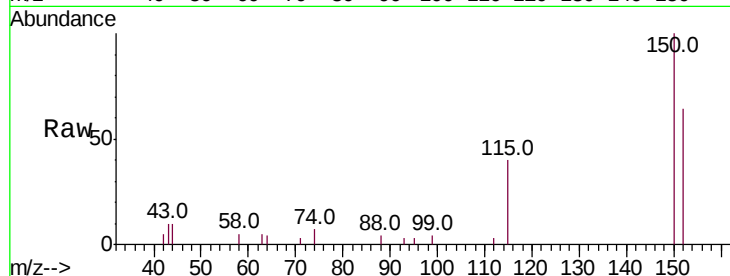
Tot Ion:152 Resp: 1774

Ion Ratio Lower Upper

152 100

150 155.3 123.8 185.6

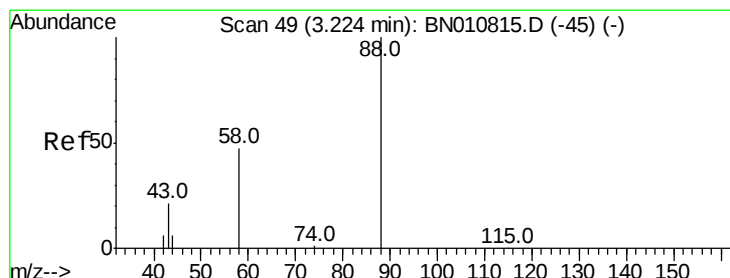
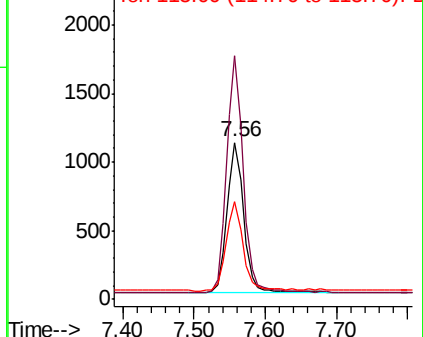
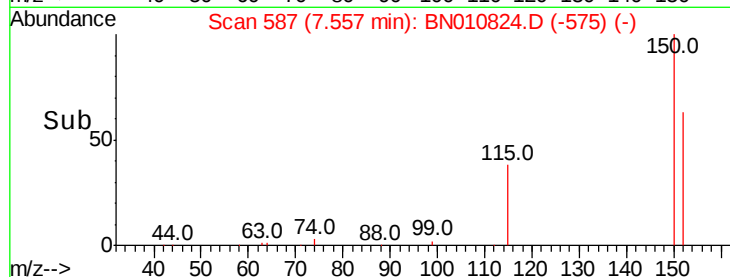
115 62.4 49.2 73.8



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

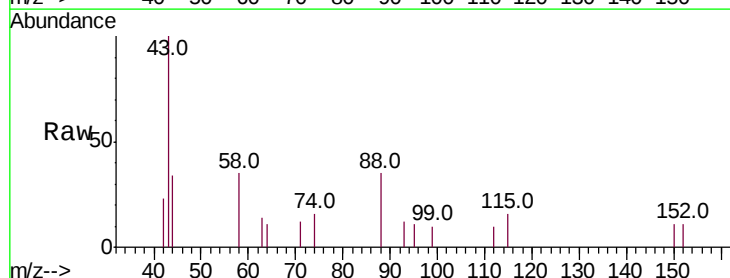
Tgt Ion: 88 Resp: 36

Ion Ratio Lower Upper

88 100

58 0.0 38.2 57.4#

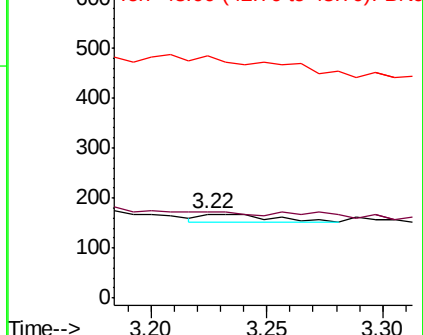
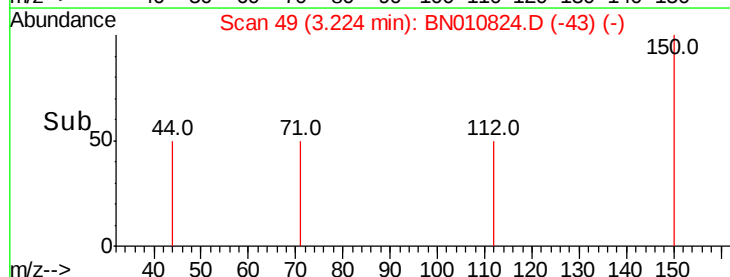
43 0.0 15.1 22.7#

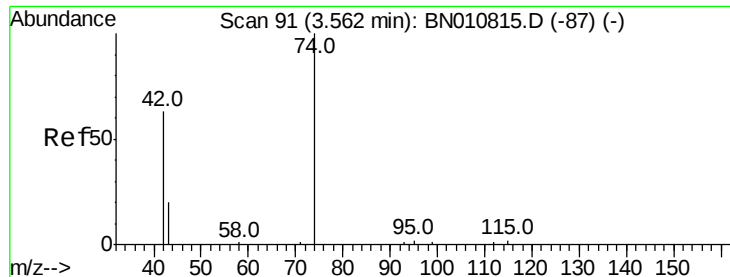


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC



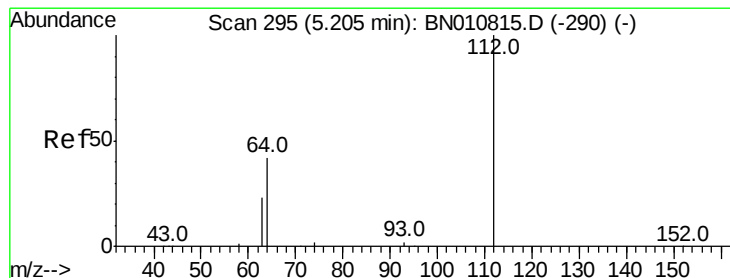
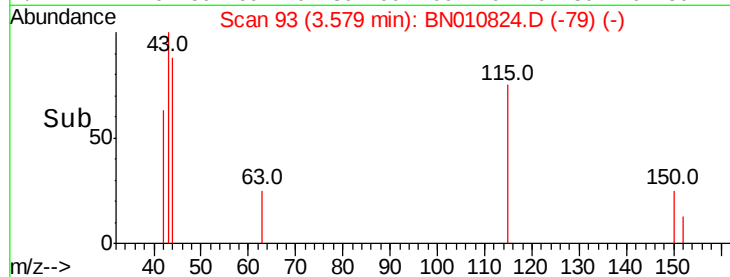
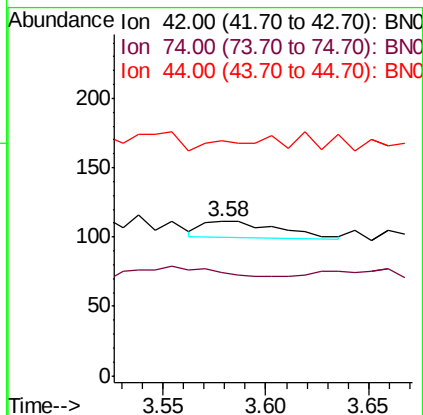
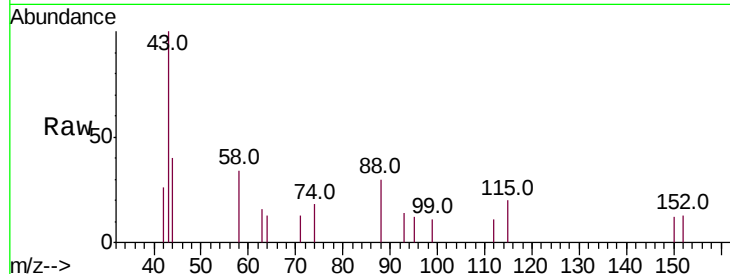


#3

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 :
 VE-2-1

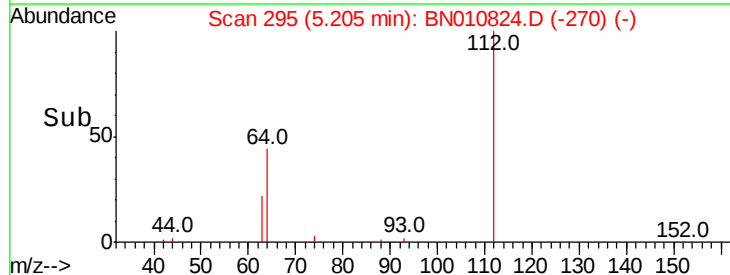
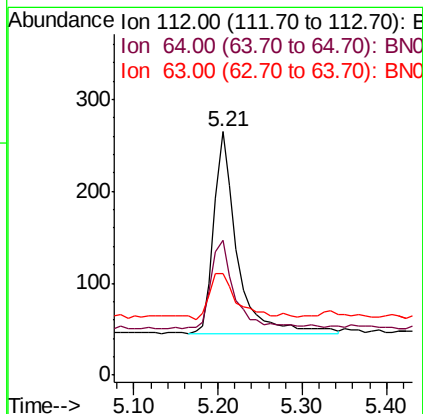
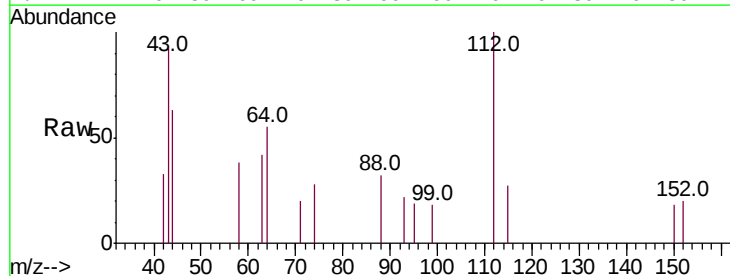
Tot Ion: 42 Resp: 31
 Ion Ratio Lower Upper
 42 100
 74 0.0 140.7 211.1#
 44 0.0 1.4 2.2#

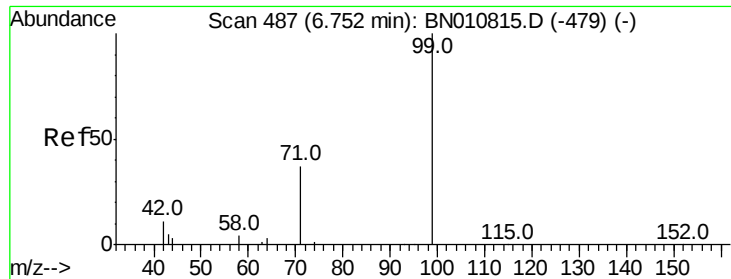


#4

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

ClientSampleId :

VE-2-1

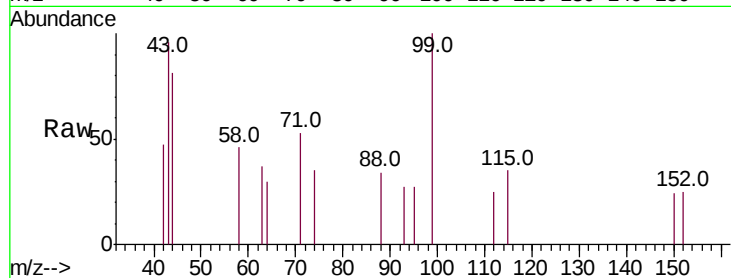
Tot Ion: 99 Resp: 287

Ion Ratio Lower Upper

99 100

42 18.8 11.1 16.7#

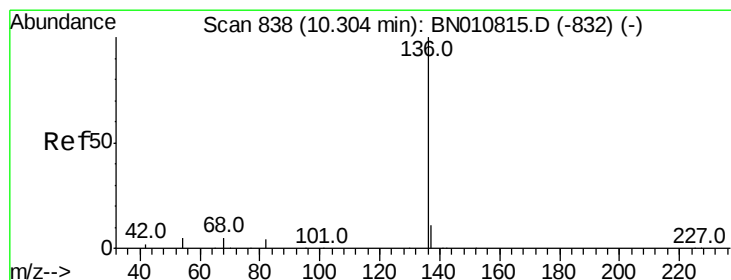
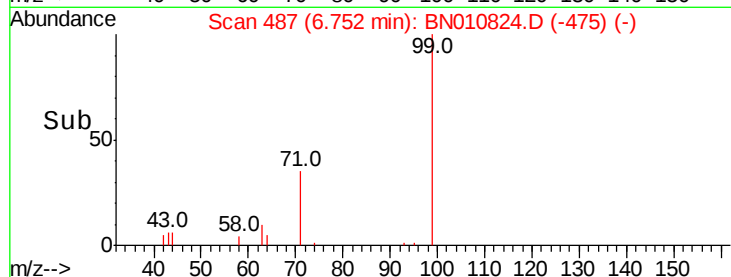
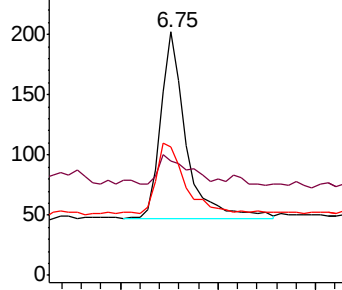
71 43.6 31.4 47.2



Abundance Ion 99.00 (98.70 to 99.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 71.00 (70.70 to 71.70): BN0



#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

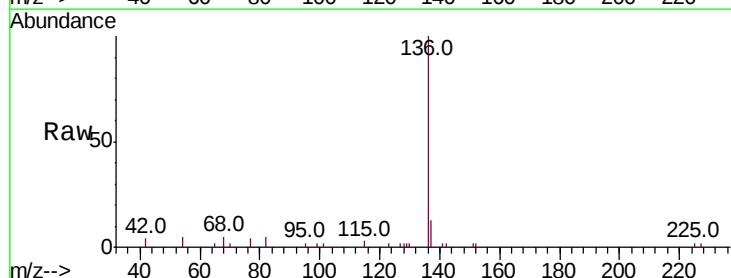
Ion Ratio Lower Upper

136 100

137 12.6 9.7 14.5

54 4.7 4.9 7.3#

68 4.9 4.7 7.1

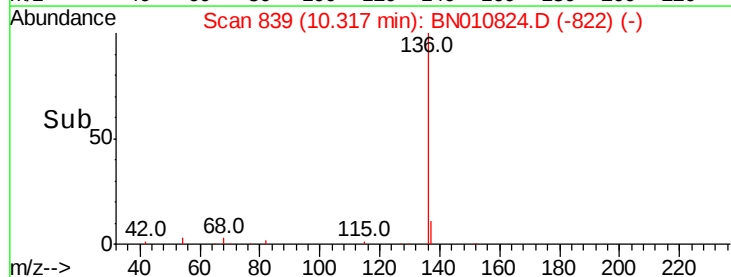
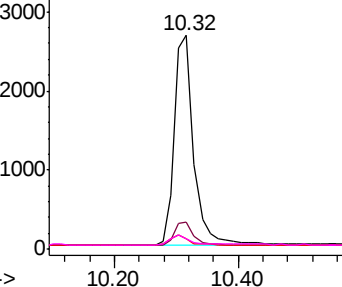


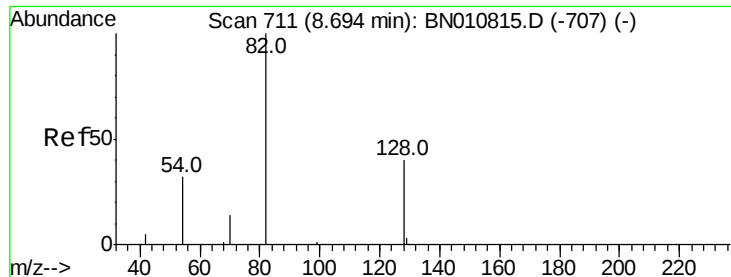
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BN0

Ion 68.00 (67.70 to 68.70): BN0

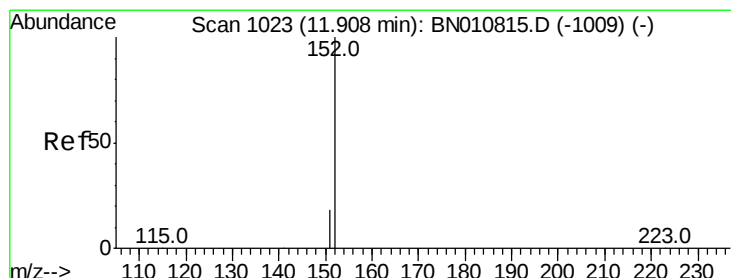
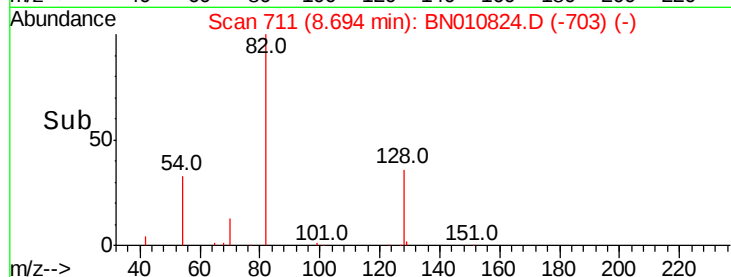
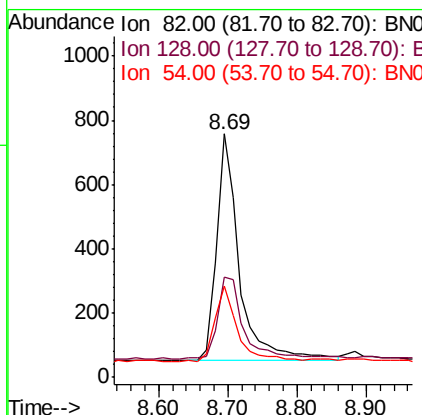
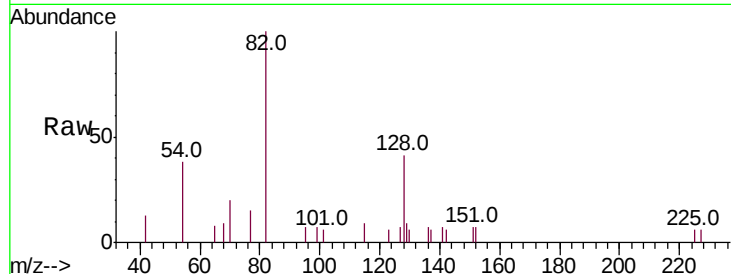




#8
 Nitrobenzene-d5
 Concen: 0.372 ng
 RT: 8.69 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BN010824.D
 Acq: 10 Jun 2020 19:15

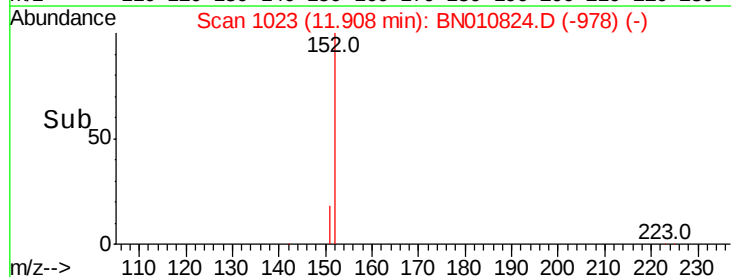
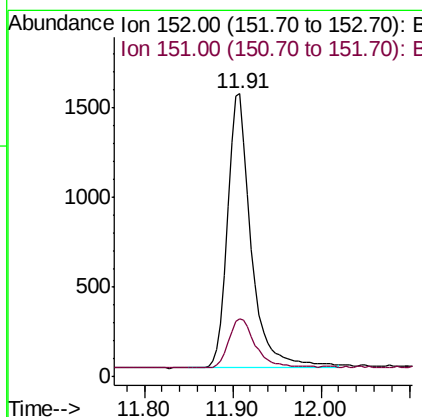
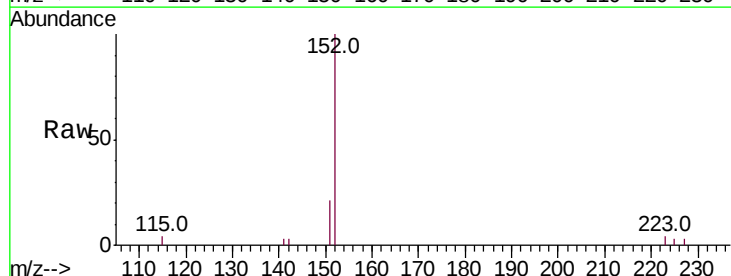
Instrument :
 BNA_N
 ClientSampleId :
 VE-2-1

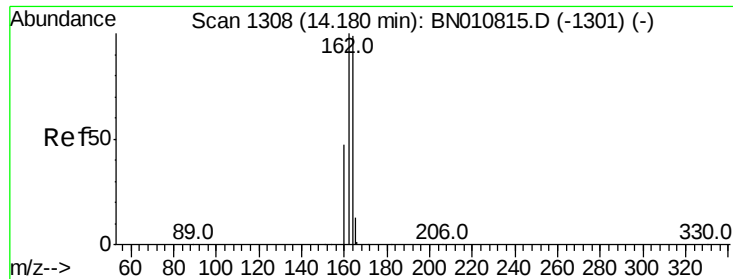
Tot Ion	82	Resp	1605
Ion Ratio	Lower	Upper	
82	100		
128	41.0	35.4	53.0
54	37.6	28.2	42.4



#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





#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 :

VE-2-1

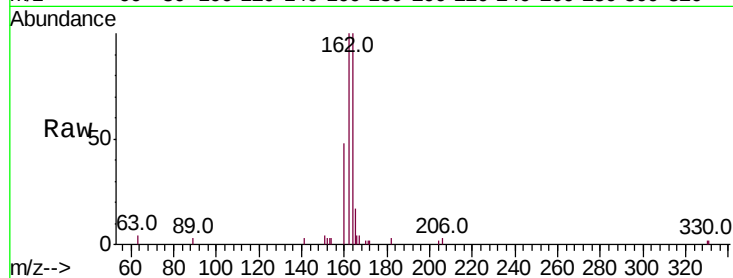
Tot Ion:164 Resp: 3386

Ion Ratio Lower Upper

164 100

162 99.9 81.0 121.6

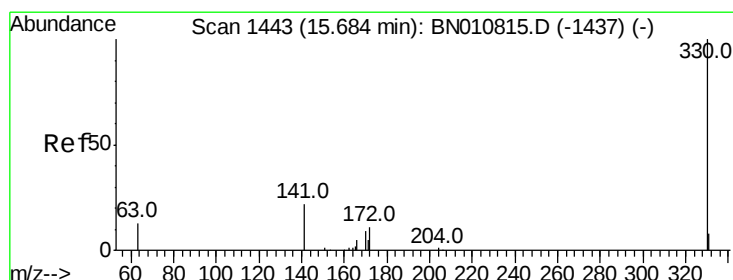
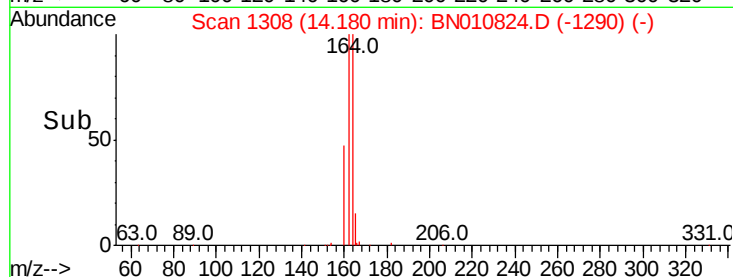
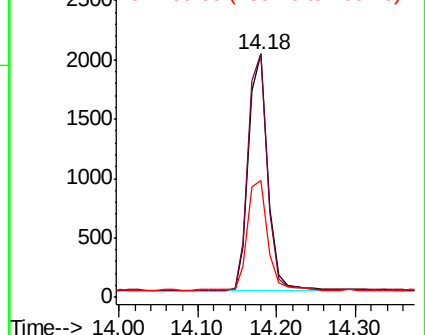
160 48.2 38.9 58.3



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

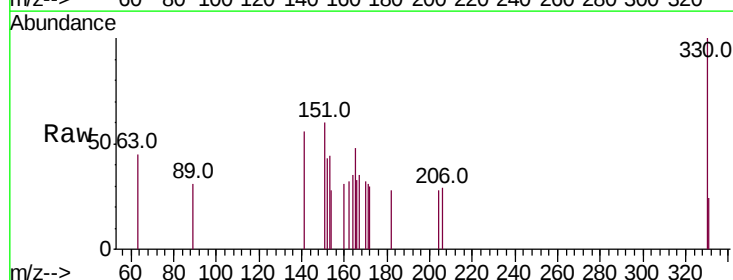
Tgt Ion:330 Resp: 445

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

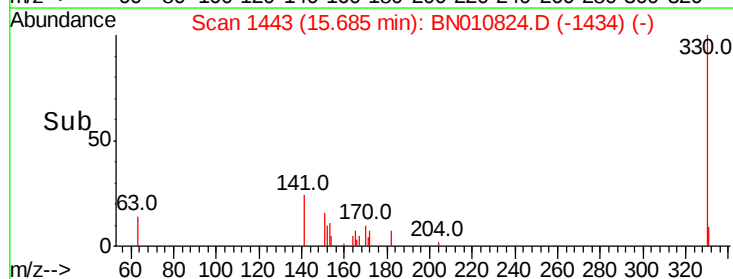
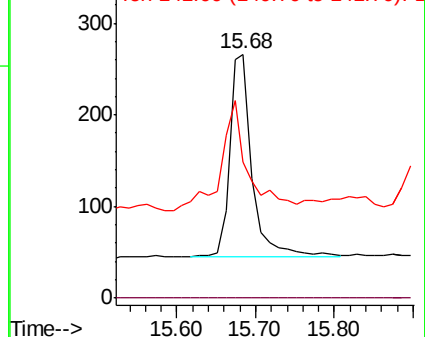
141 53.5 33.2 49.8#

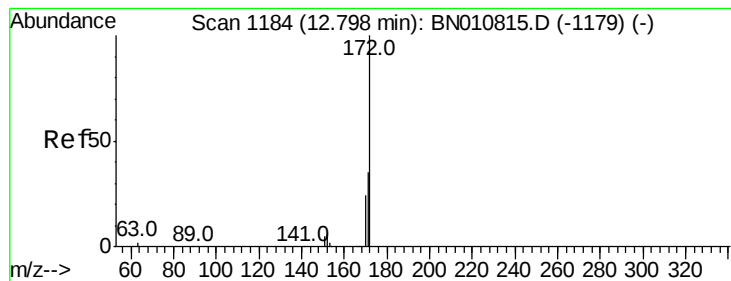


Abundance Ion 330.00 (329.70 to 330.70): E

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 :

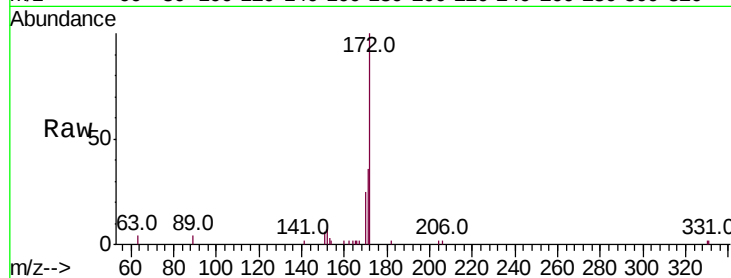
BNA_N

ClientSampleId :

VE-2-1

Tot Ion:172 Resp: 4813

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

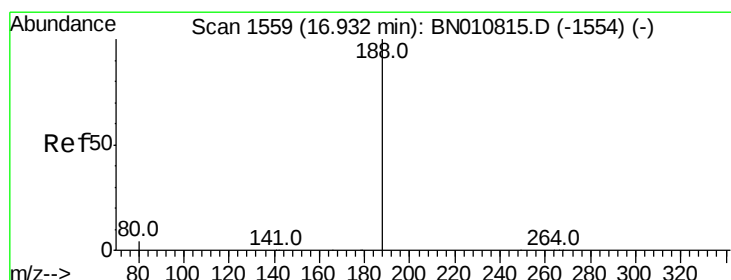
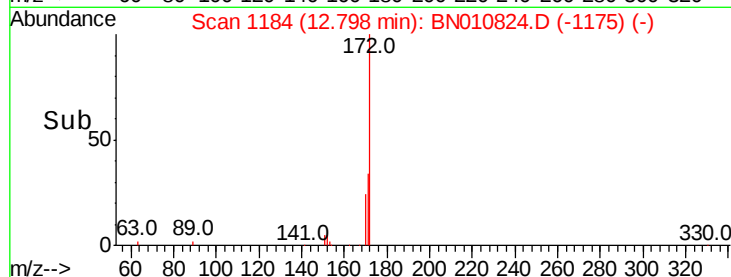
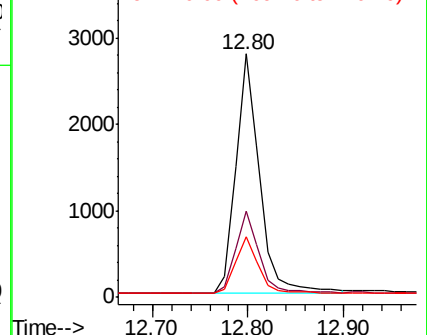


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.92 min Scan# 1558

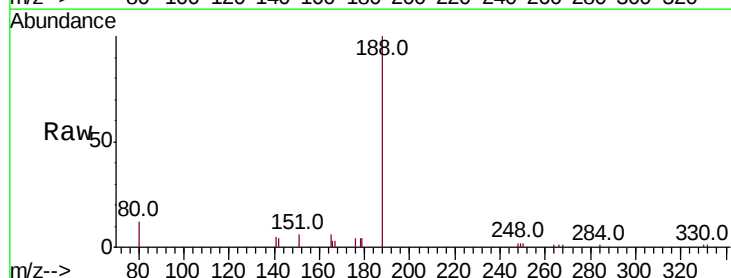
Delta R.T. -0.01 min

Lab File: BN010824.D

Acq: 10 Jun 2020 19:15

Tgt Ion:188 Resp: 7724

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

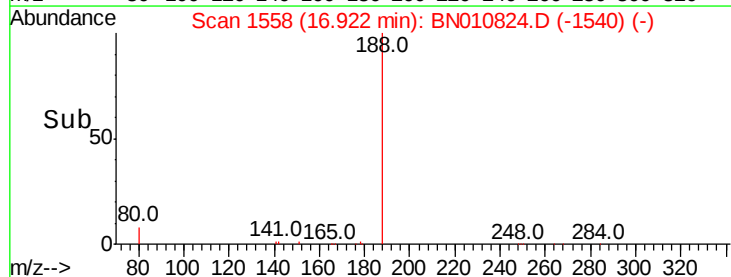
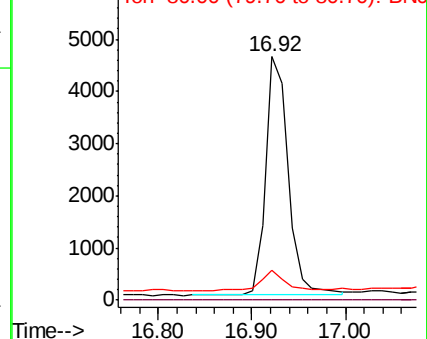


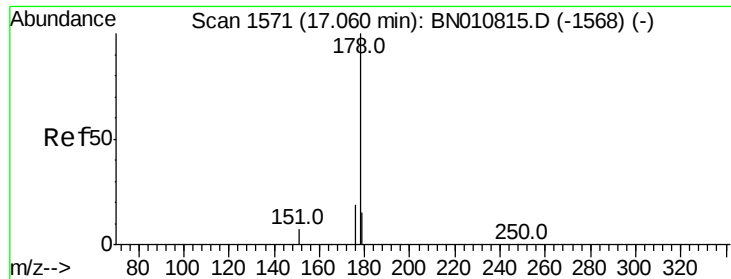
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC





#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 :

VE-2-1

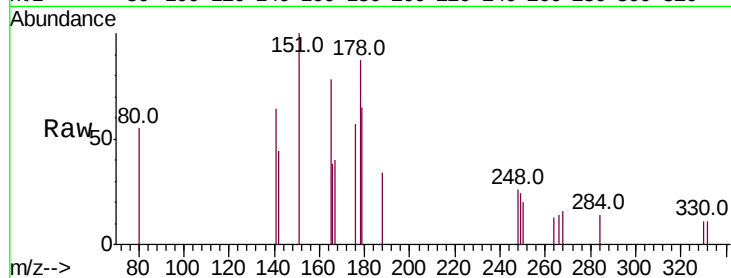
Tot Ion:178 Resp: 361

Ion Ratio Lower Upper

178 100

176 49.3 14.6 22.0#

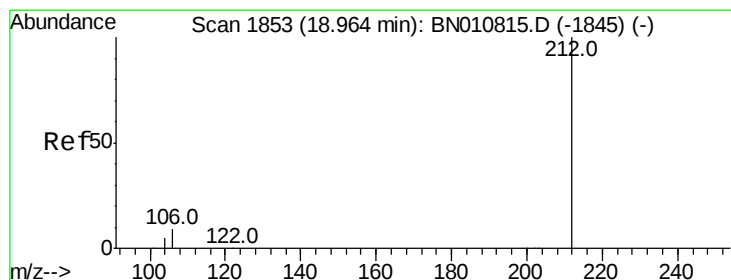
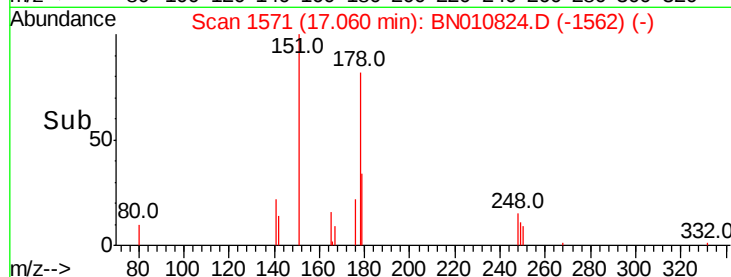
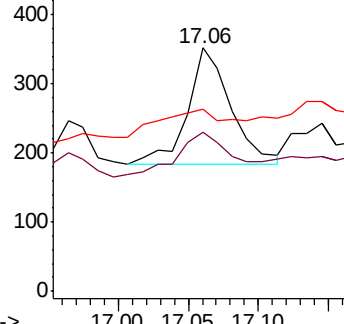
179 40.2 12.3 18.5#



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



#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

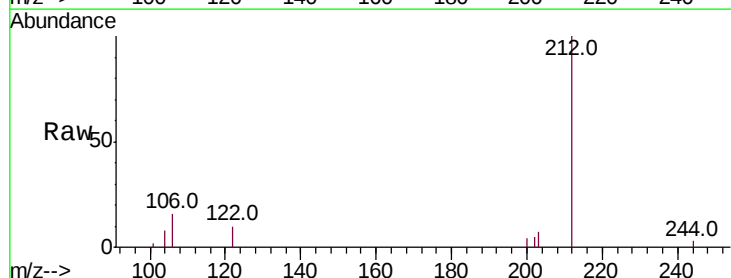
Tgt Ion:212 Resp: 10140

Ion Ratio Lower Upper

212 100

106 10.0 6.6 10.0#

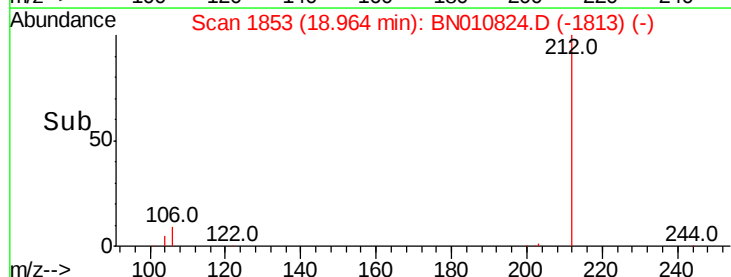
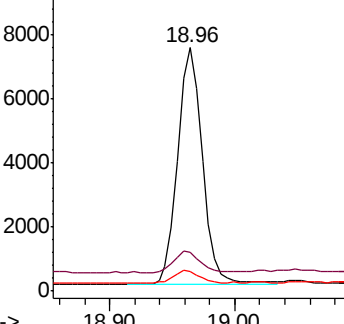
104 5.2 4.0 6.0

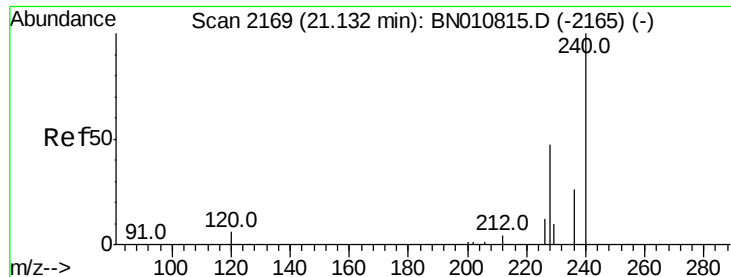


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#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 :

VE-2-1

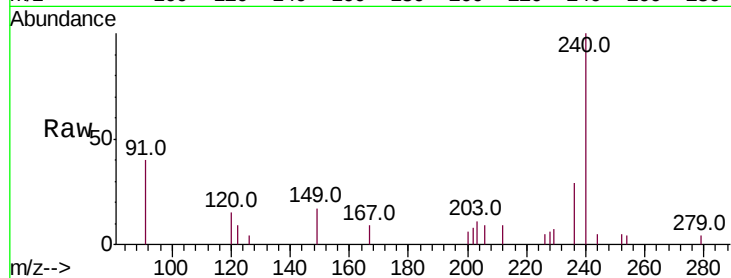
Tot Ion:240 Resp: 9475

Ion Ratio Lower Upper

240 100

120 14.9 7.5 11.3#

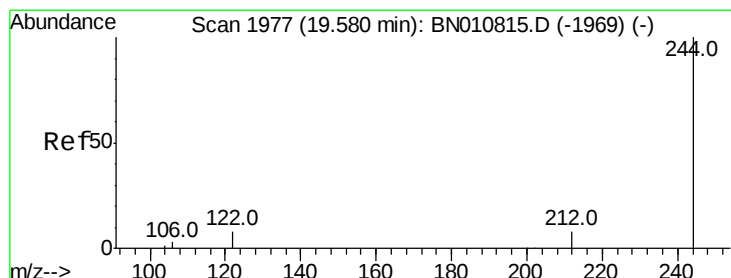
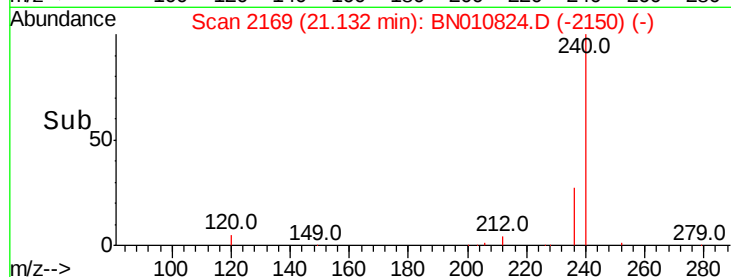
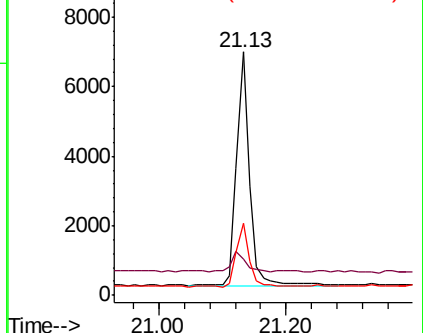
236 29.5 22.3 33.5



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

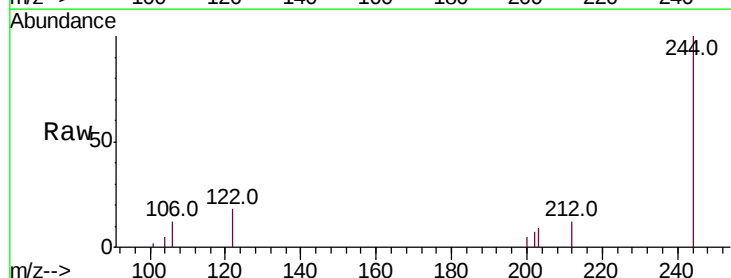
Tgt Ion:244 Resp: 8950

Ion Ratio Lower Upper

244 100

212 11.7 7.4 11.2#

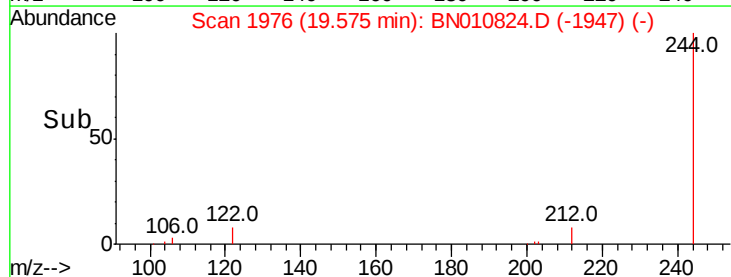
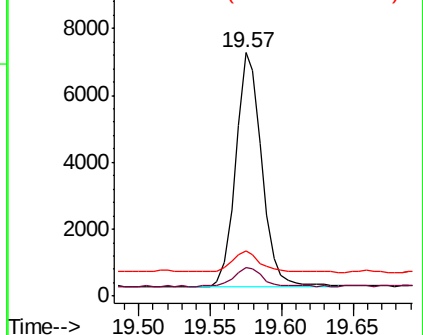
122 18.5 7.5 11.3#

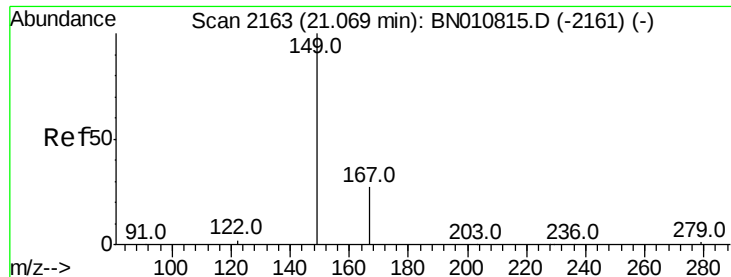


Abundance Ion 244.00 (243.70 to 244.70): E

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

ClientSampleId :

VE-2-1

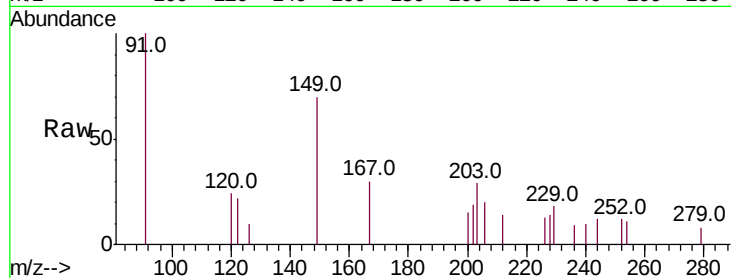
Tot Ion:149 Resp: 1070

Ion Ratio Lower Upper

149 100

167 27.4 24.1 36.1

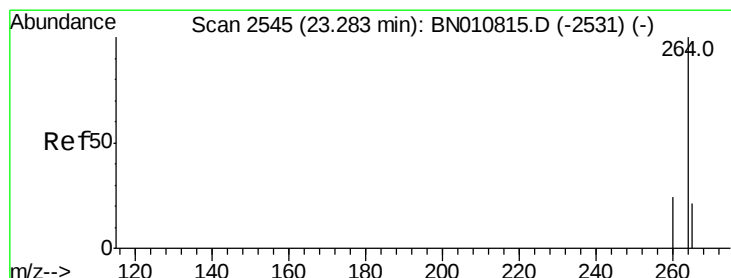
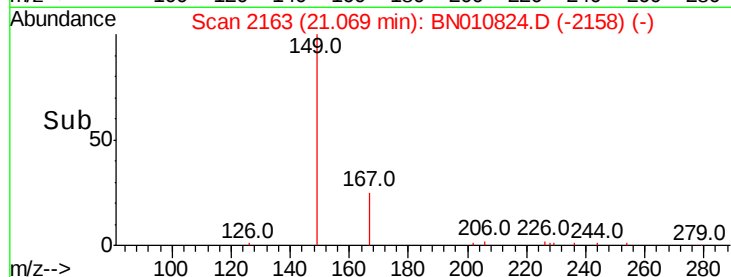
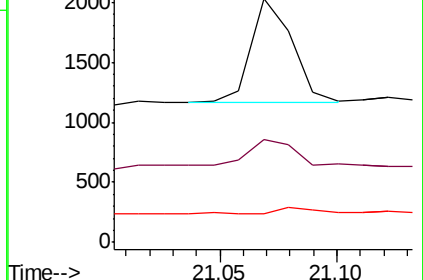
279 6.7 4.6 7.0



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: 23.28 min Scan# 2544

Delta R.T. -0.00 min

Lab File: BN010824.D

Acq: 10 Jun 2020 19:15

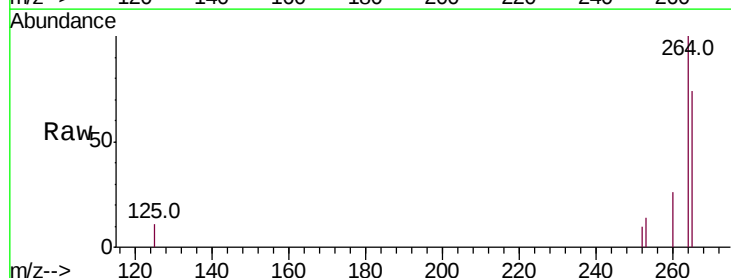
Tgt Ion:264 Resp: 10546

Ion Ratio Lower Upper

264 100

260 25.6 20.4 30.6

265 73.5 75.0 112.4#



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

