

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN063023\
 Data File : BN026117.D
 Acq On : 30 Jun 2023 06:37
 Operator : MA/JU
 Sample : 03445-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-462-482-062723

Quant Time: Jun 30 07:27:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 07:06:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

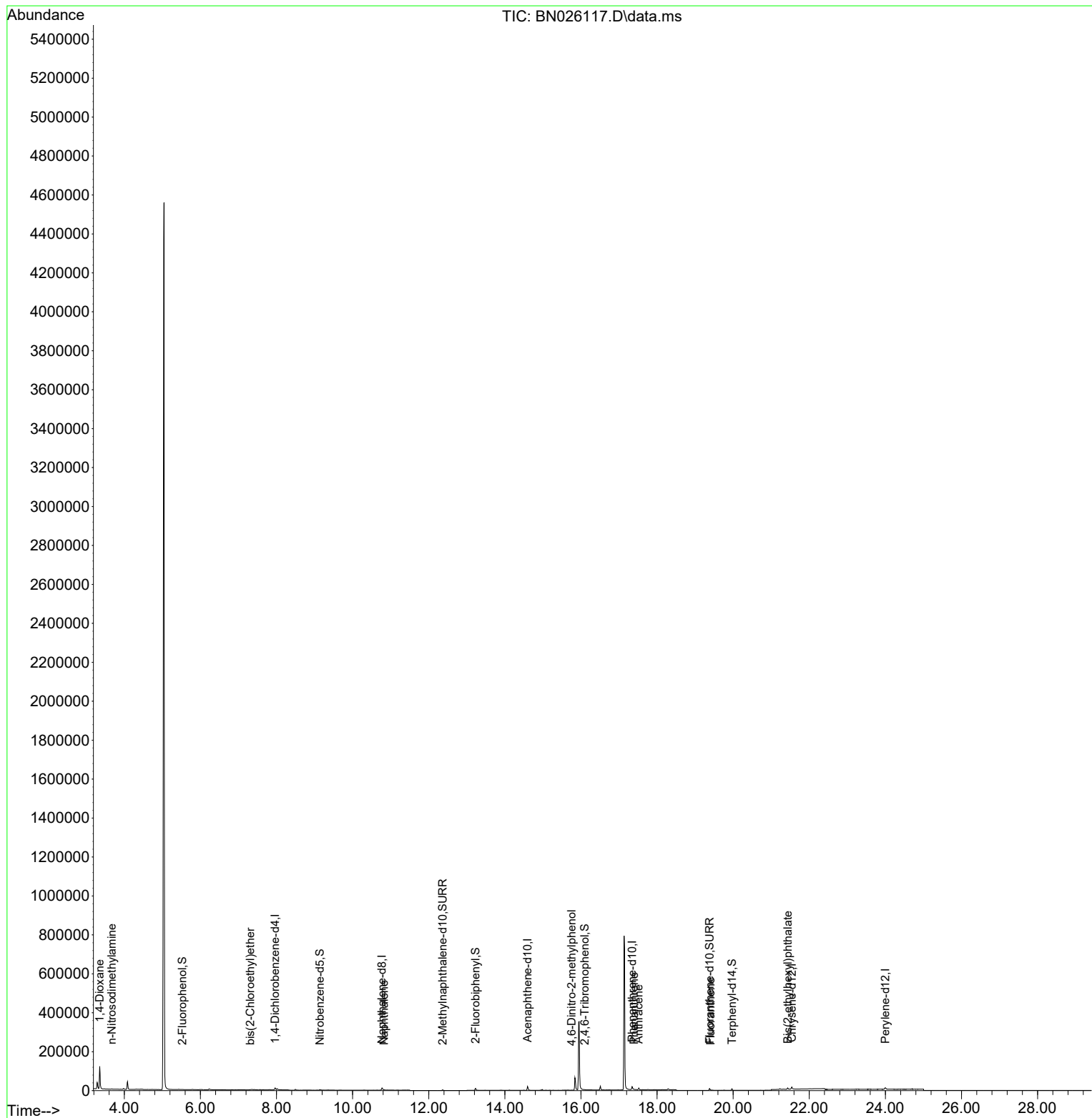
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.961	152	6356	0.400	ng	0.00
7) Naphthalene-d8	10.771	136	20227	0.400	ng	0.00
13) Acenaphthene-d10	14.598	164	12576	0.400	ng	0.00
19) Phenanthrene-d10	17.343	188	24070	0.400	ng	0.00
29) Chrysene-d12	21.542	240	12894	0.400	ng	0.00
35) Perylene-d12	23.998	264	13478	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.528	112	440	0.029	ng	0.00
5) Phenol-d6	7.145	99	299	0.015	ng	0.01
8) Nitrobenzene-d5	9.137	82	3067	0.177	ng	0.00
11) 2-Methylnaphthalene-d10	12.362	152	7046	0.238	ng	0.00
14) 2,4,6-Tribromophenol	16.102	330	331	0.072	ng	0.00
15) 2-Fluorobiphenyl	13.229	172	11278	0.232	ng	0.00
27) Fluoranthene-d10	19.379	212	12626	0.248	ng	0.00
31) Terphenyl-d14	19.969	244	9411	0.285	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.354	88	76833	11.428	ng	98
3) n-Nitrosodimethylamine	3.671	42	488	0.072	ng	# 1
6) bis(2-Chloroethyl)ether	7.311	93	1167	0.072	ng	# 28
9) Naphthalene	10.824	128	2454	0.045	ng	# 90
20) 4,6-Dinitro-2-methylph...	15.755	198	14	0.062	ng	# 1
25) Phenanthrene	17.393	178	3442	0.049	ng	# 91
26) Anthracene	17.517	178	2646	0.042	ng	# 1
28) Fluoranthene	19.407	202	2748	0.037	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.435	149	6810	0.164	ng	# 97

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

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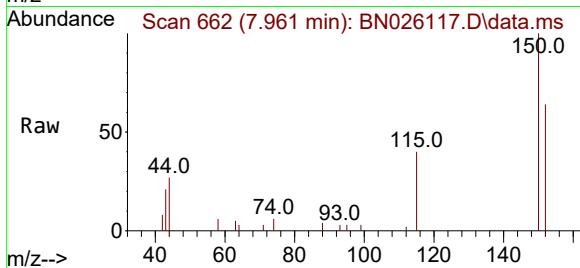
Quant Time: Jun 30 07:27:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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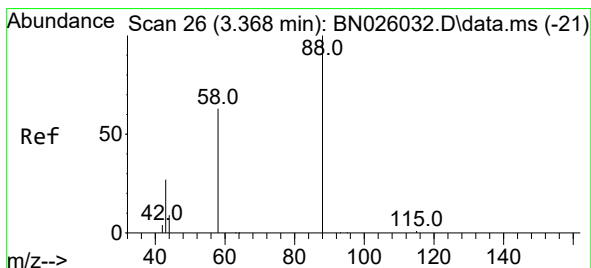
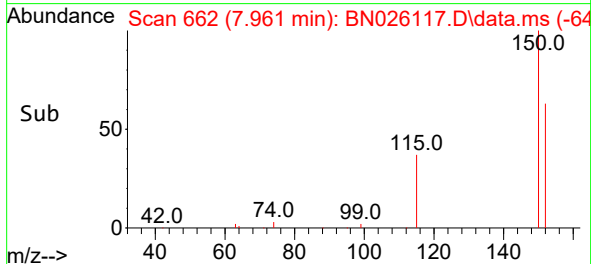
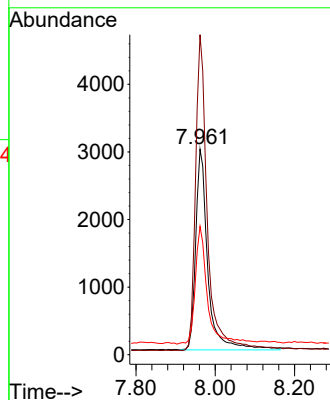


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.961 min Scan# 6
 Delta R.T. 0.000 min
 Lab File: BN026117.D
 Acq: 30 Jun 2023 06:37

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-462-482-062723

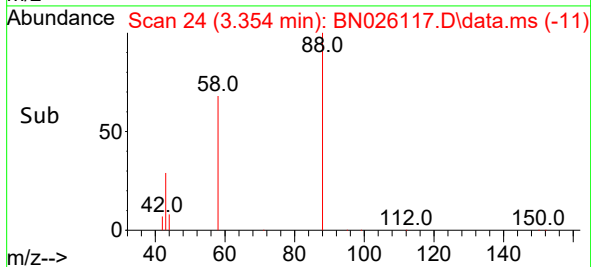
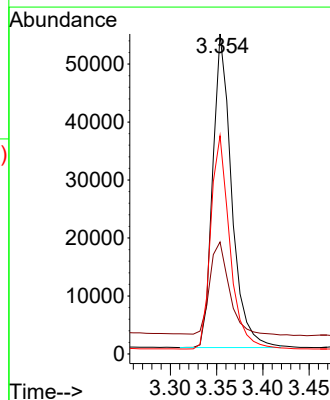
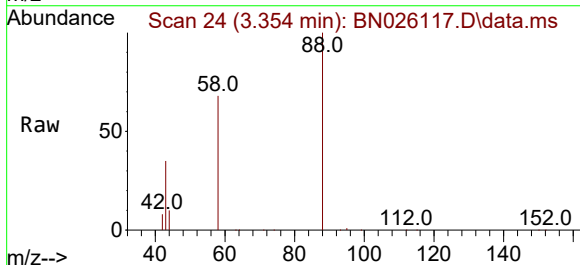


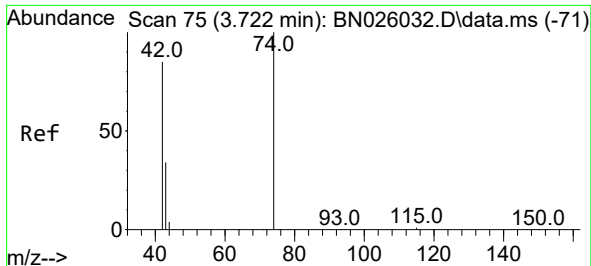
Tgt Ion:152 Resp: 6356
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.7 187.1
 115 62.5 48.2 72.4



#2
 1,4-Dioxane
 Concen: 11.428 ng
 RT: 3.354 min Scan# 24
 Delta R.T. -0.007 min
 Lab File: BN026117.D
 Acq: 30 Jun 2023 06:37

Tgt Ion: 88 Resp: 76833
 Ion Ratio Lower Upper
 88 100
 43 30.8 24.2 36.4
 58 68.6 53.3 79.9

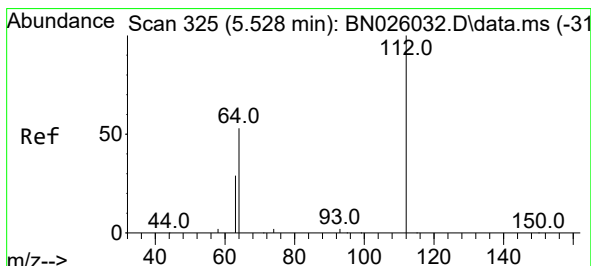
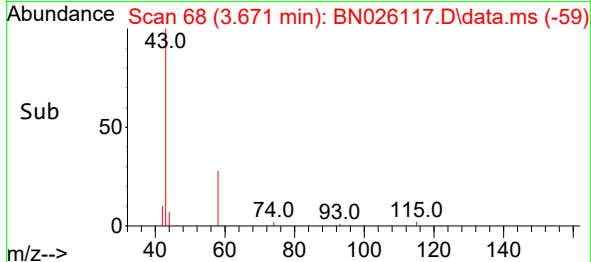
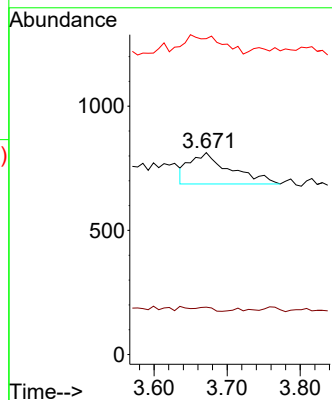
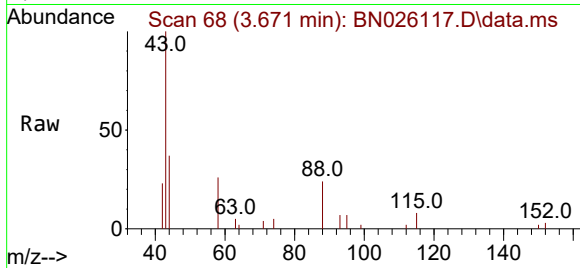




#3
 n-Nitrosodimethylamine
 Concen: 0.072 ng
 RT: 3.671 min Scan# 61
 Delta R.T. -0.036 min
 Lab File: BN026117.D
 Acq: 30 Jun 2023 06:37

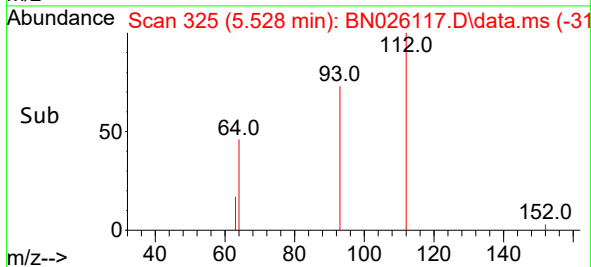
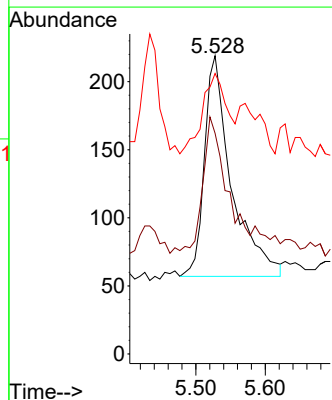
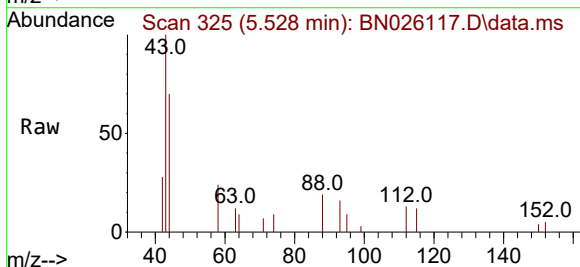
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-462-482-062723

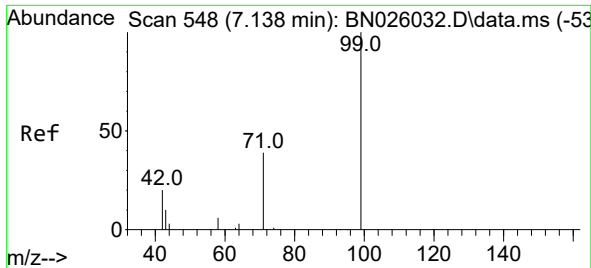
Tgt Ion: 42 Resp: 488
 Ion Ratio Lower Upper
 42 100
 74 5.3 93.8 140.8#
 44 0.0 3.0 4.4#



#4
 2-Fluorophenol
 Concen: 0.029 ng
 RT: 5.528 min Scan# 325
 Delta R.T. 0.007 min
 Lab File: BN026117.D
 Acq: 30 Jun 2023 06:37

Tgt Ion: 112 Resp: 440
 Ion Ratio Lower Upper
 112 100
 64 51.4 45.8 68.6
 63 33.2 27.4 41.2

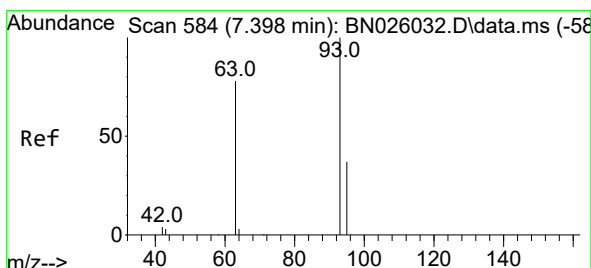
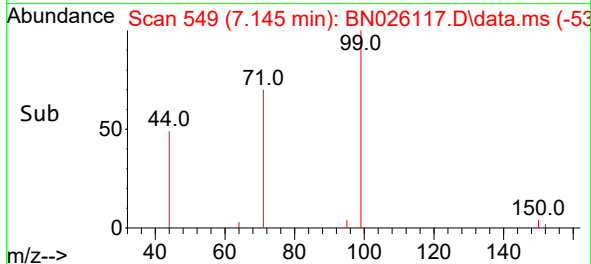
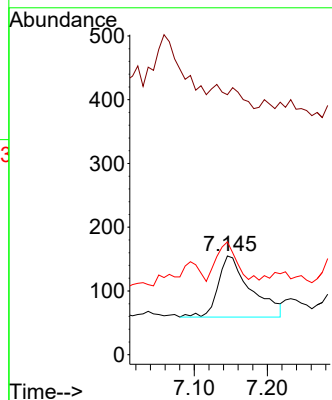
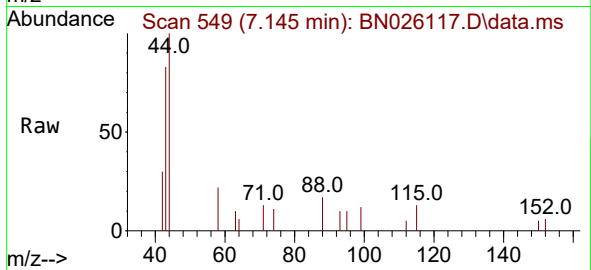




#5
Phenol-d6
Concen: 0.015 ng
RT: 7.145 min Scan# 548
Delta R.T. 0.014 min
Lab File: BN026117.D
Acq: 30 Jun 2023 06:37

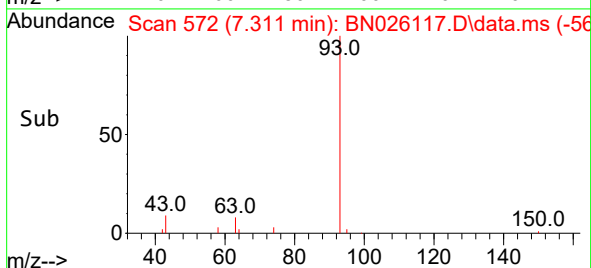
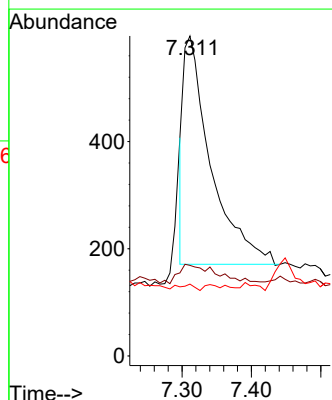
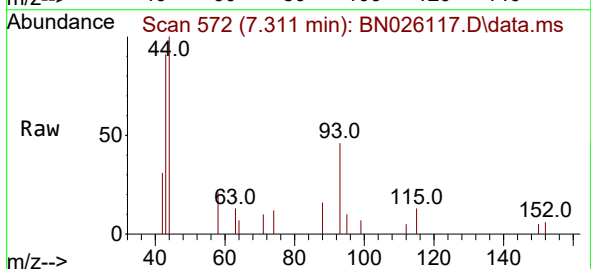
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-462-482-062723

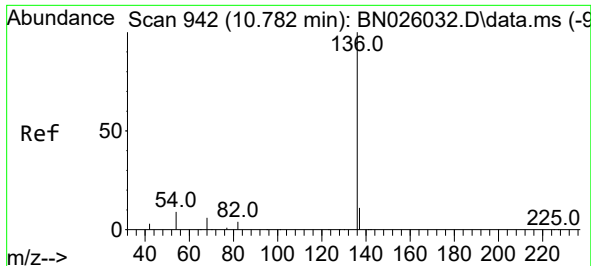
Tgt Ion: 99 Resp: 299
Ion Ratio Lower Upper
99 100
42 0.0 18.4 27.6#
71 42.8 30.6 46.0



#6
bis(2-Chloroethyl)ether
Concen: 0.072 ng
RT: 7.311 min Scan# 572
Delta R.T. -0.072 min
Lab File: BN026117.D
Acq: 30 Jun 2023 06:37

Tgt Ion: 93 Resp: 1167
Ion Ratio Lower Upper
93 100
63 8.7 58.8 88.2#
95 0.0 29.2 43.8#

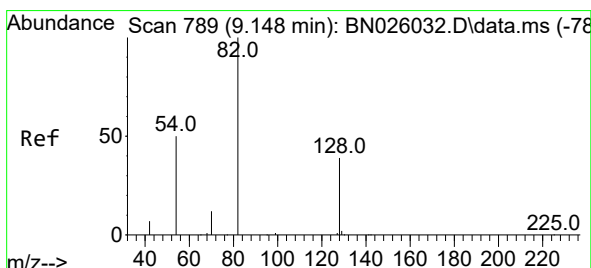
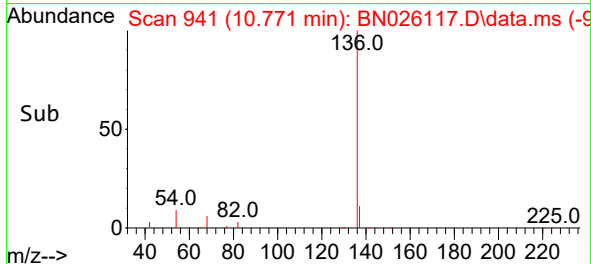
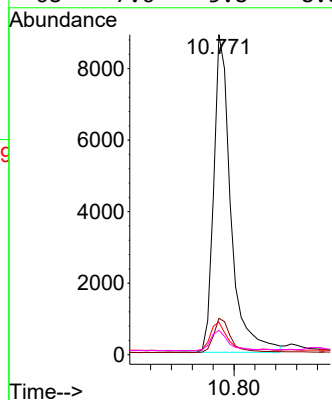
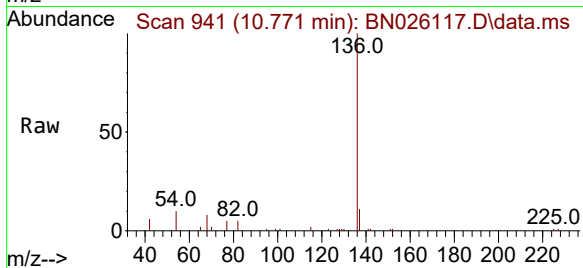




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.771 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN026117.D
Acq: 30 Jun 2023 06:37

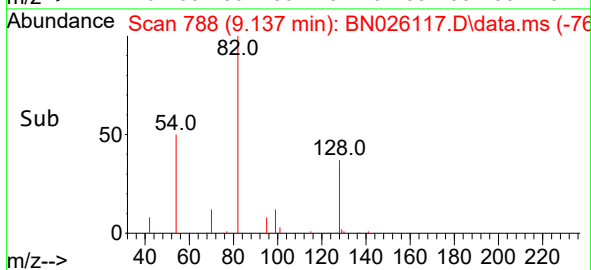
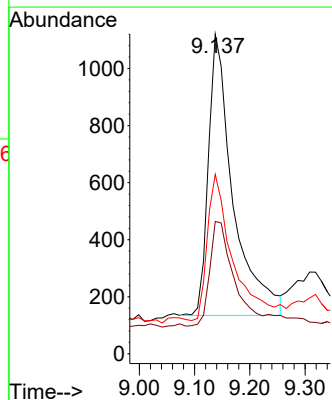
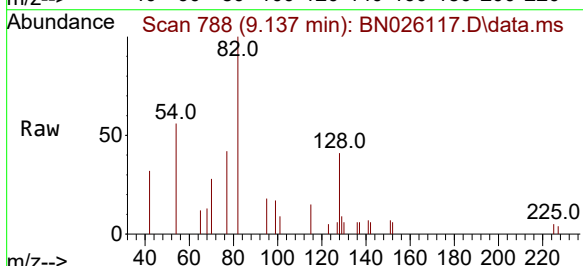
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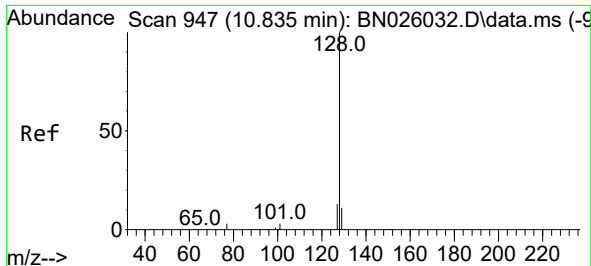
Tgt Ion:	136	Resp:	20227
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.4
54	10.2	7.8	11.6
68	7.6	5.8	8.8



#8
Nitrobenzene-d5
Concen: 0.177 ng
RT: 9.137 min Scan# 788
Delta R.T. -0.000 min
Lab File: BN026117.D
Acq: 30 Jun 2023 06:37

Tgt Ion:	82	Resp:	3067
Ion Ratio	Lower	Upper	
82	100		
128	41.4	33.4	50.2
54	56.1	41.7	62.5

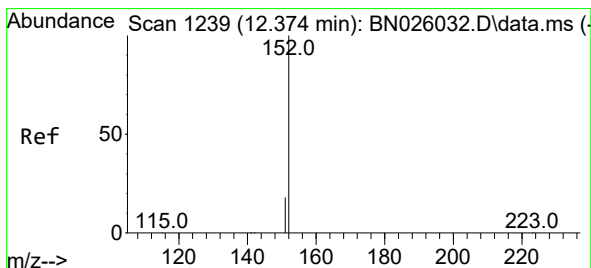
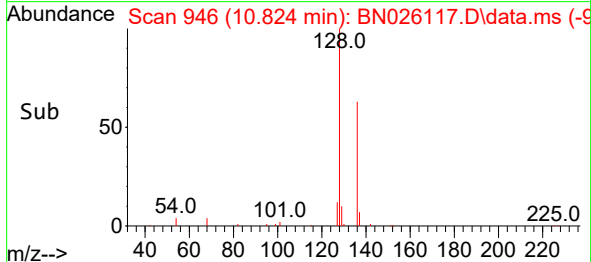
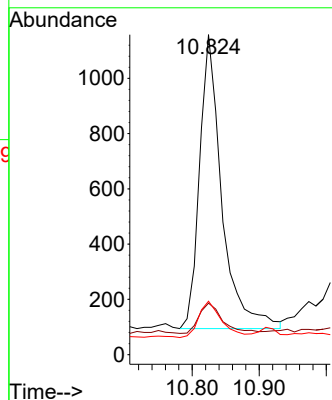
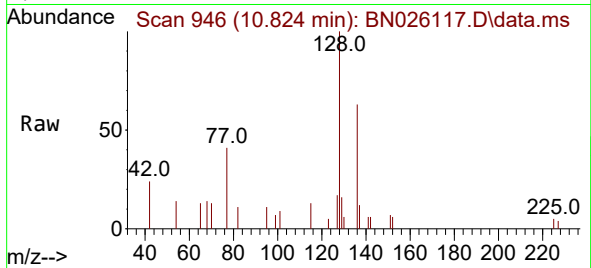




#9
Naphthalene
Concen: 0.045 ng
RT: 10.824 min Scan# 947
Delta R.T. -0.000 min
Lab File: BN026117.D
Acq: 30 Jun 2023 06:37

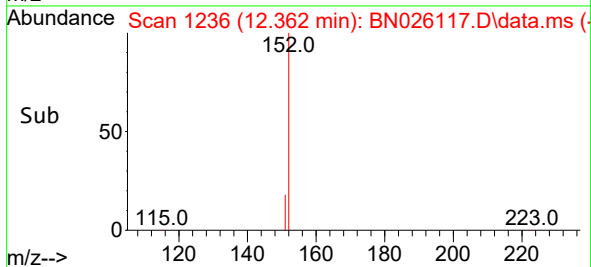
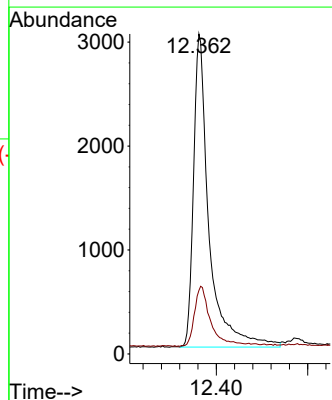
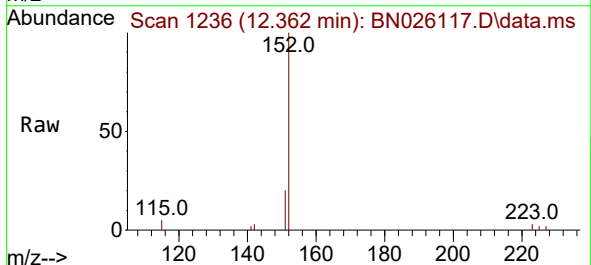
Instrument :
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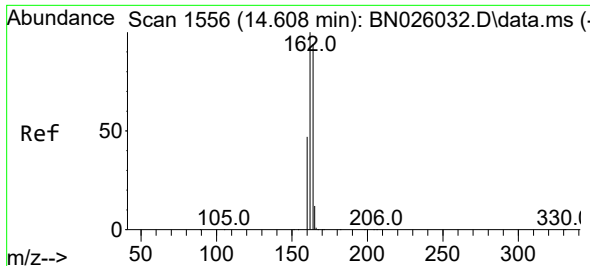
Tgt Ion:128 Resp: 2454
Ion Ratio Lower Upper
128 100
129 16.1 9.1 13.7#
127 16.7 10.9 16.3#



#11
2-Methylnaphthalene-d10
Concen: 0.238 ng
RT: 12.362 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BN026117.D
Acq: 30 Jun 2023 06:37

Tgt Ion:152 Resp: 7046
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2

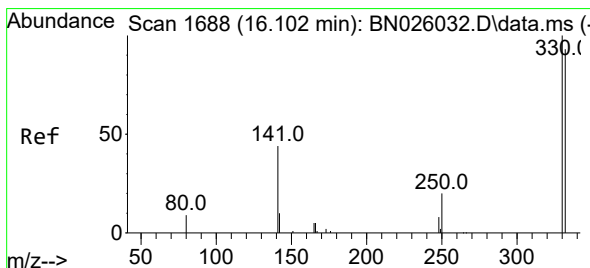
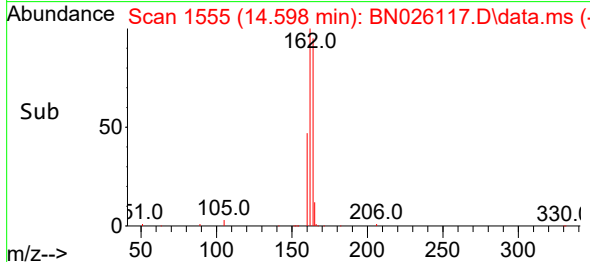
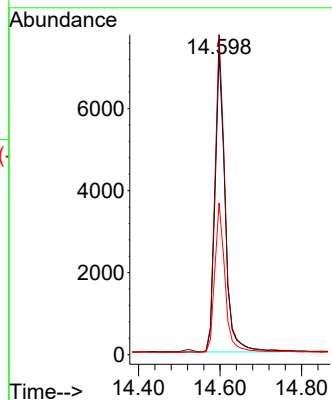
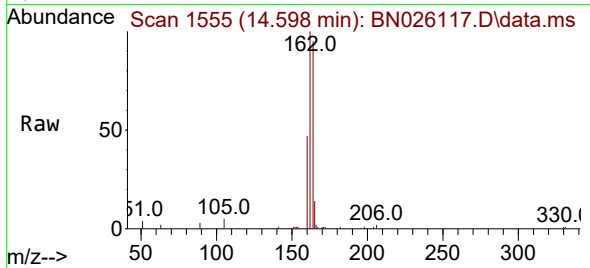




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.598 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BN026117.D
Acq: 30 Jun 2023 06:37

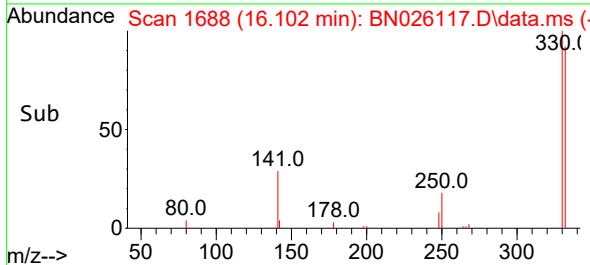
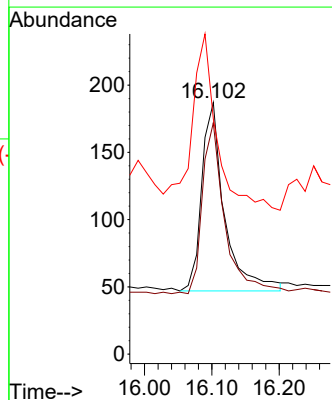
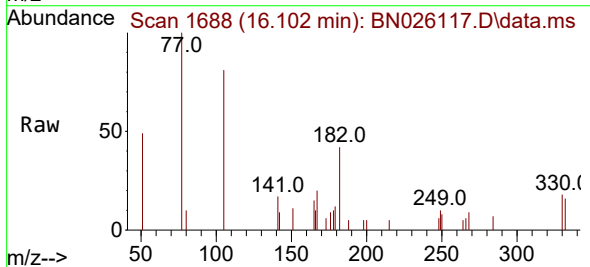
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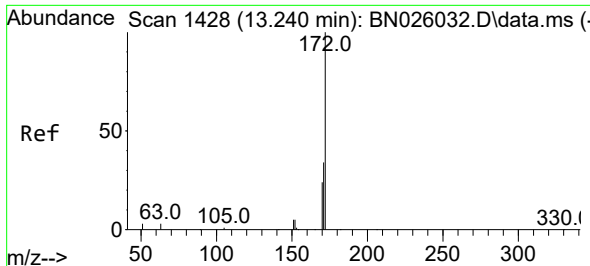
Tgt Ion:164 Resp: 12576
Ion Ratio Lower Upper
164 100
162 105.4 85.3 127.9
160 50.0 40.0 60.0



#14
2,4,6-Tribromophenol
Concen: 0.072 ng
RT: 16.102 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN026117.D
Acq: 30 Jun 2023 06:37

Tgt Ion:330 Resp: 331
Ion Ratio Lower Upper
330 100
332 89.1 76.0 114.0
141 102.7 42.8 64.2#

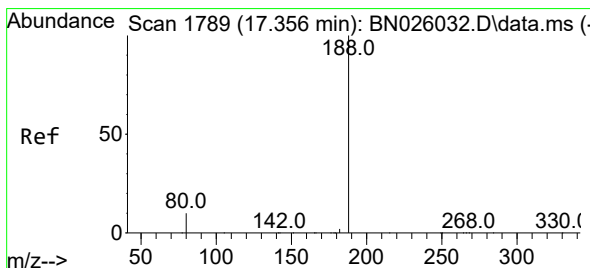
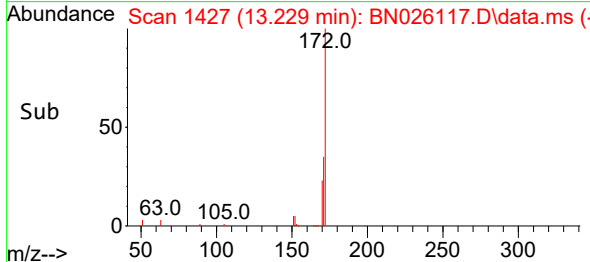
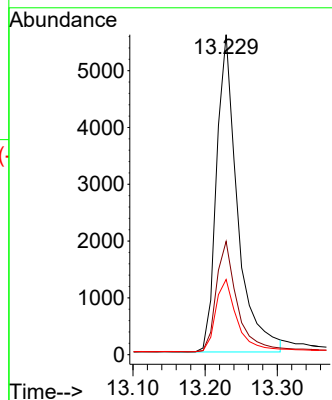
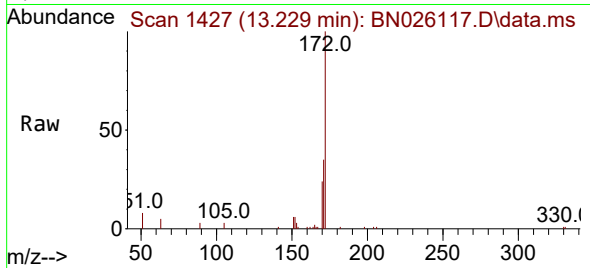




#15
2-Fluorobiphenyl
Concen: 0.232 ng
RT: 13.229 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BN026117.D
Acq: 30 Jun 2023 06:37

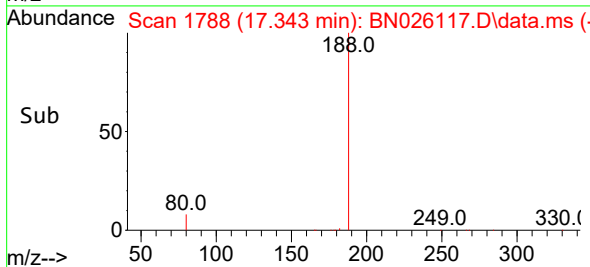
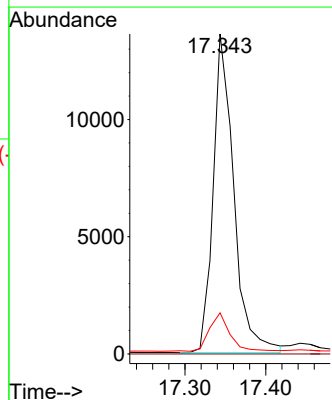
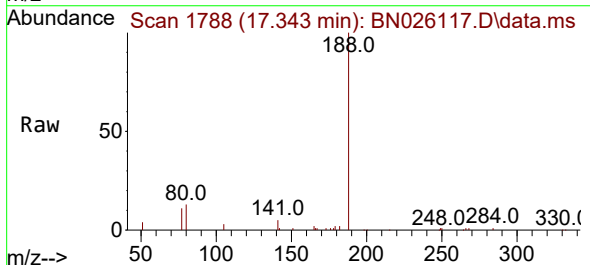
Instrument :
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GWOW-BR-05-462-482-062723

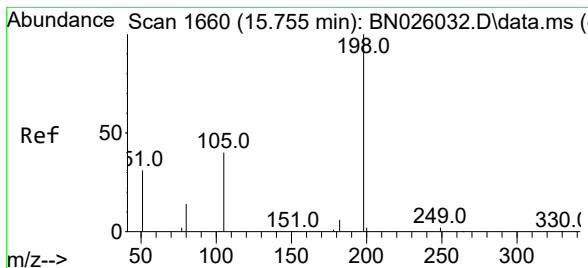
Tgt Ion:	172	Resp:	11278
Ion Ratio	Lower	Upper	
172	100		
171	35.4	27.8	41.8
170	23.5	19.3	28.9



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.343 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BN026117.D
Acq: 30 Jun 2023 06:37

Tgt Ion:	188	Resp:	24070
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	12.8	8.6	13.0

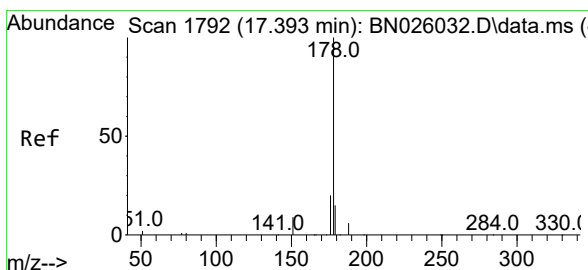
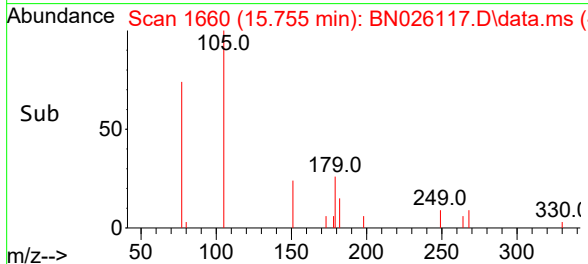
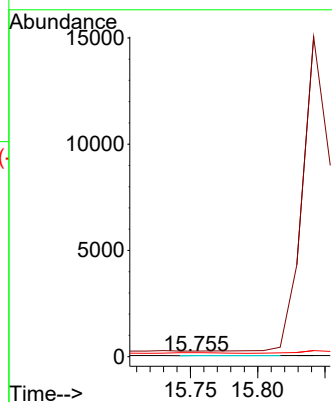
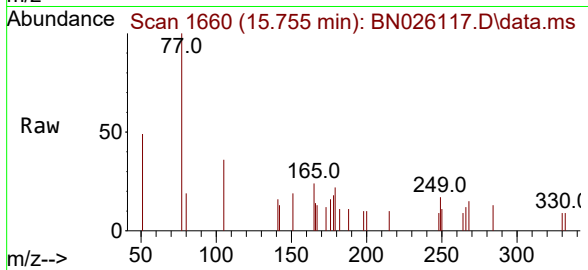




#20
4,6-Dinitro-2-methylphenol
Concen: 0.062 ng
RT: 15.755 min Scan# 1660
Delta R.T. 0.012 min
Lab File: BN026117.D
Acq: 30 Jun 2023 06:37

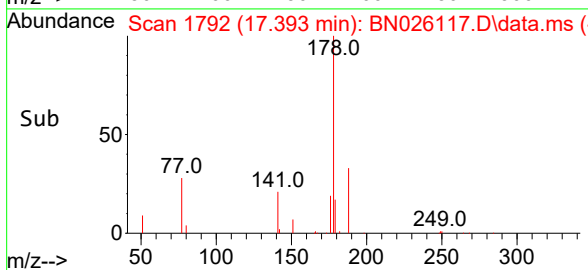
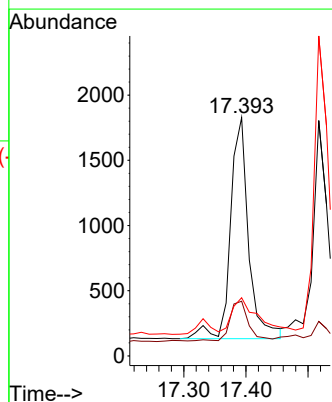
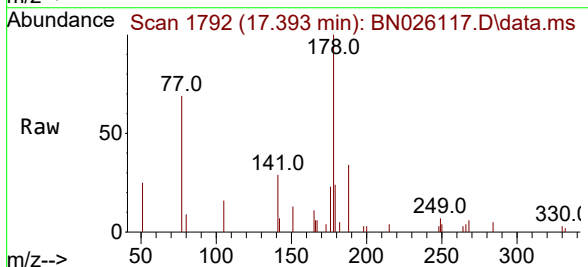
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-462-482-062723

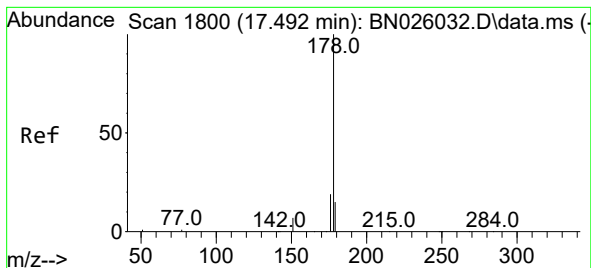
Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
51 507.7 85.8 128.8#
105 369.2 48.2 72.2#



#25
Phenanthrene
Concen: 0.049 ng
RT: 17.393 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BN026117.D
Acq: 30 Jun 2023 06:37

Tgt Ion:178 Resp: 3442
Ion Ratio Lower Upper
178 100
176 18.6 15.6 23.4
179 22.4 12.3 18.5#





#26

Anthracene

Concen: 0.042 ng

RT: 17.517 min Scan# 1802

Delta R.T. 0.037 min

Lab File: BN026117.D

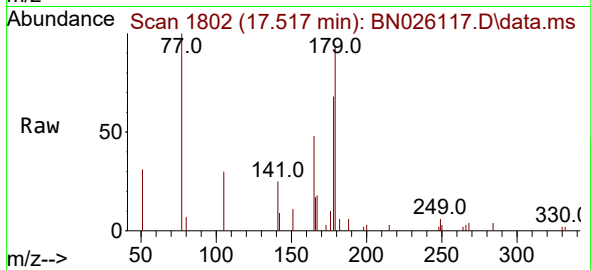
Acq: 30 Jun 2023 06:37

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-05-462-482-062723



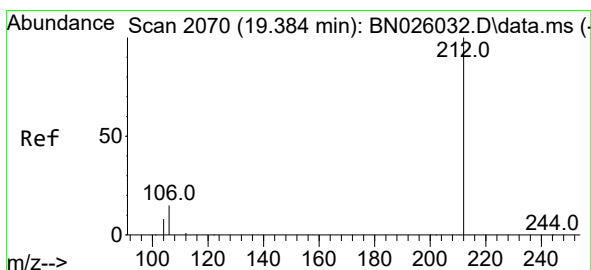
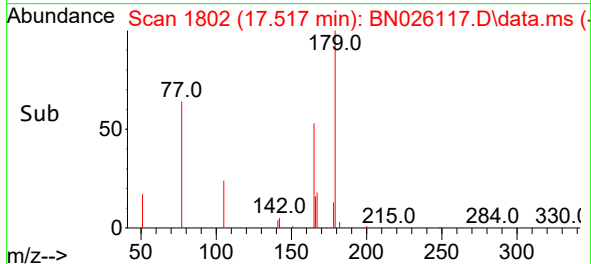
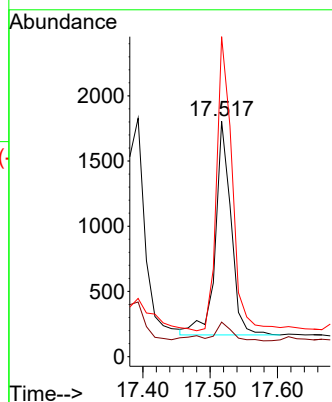
Tgt Ion:178 Resp: 2646

Ion Ratio Lower Upper

178 100

176 11.8 15.0 22.4#

179 138.2 12.4 18.6#



#27

Fluoranthene-d10

Concen: 0.248 ng

RT: 19.379 min Scan# 2069

Delta R.T. -0.000 min

Lab File: BN026117.D

Acq: 30 Jun 2023 06:37

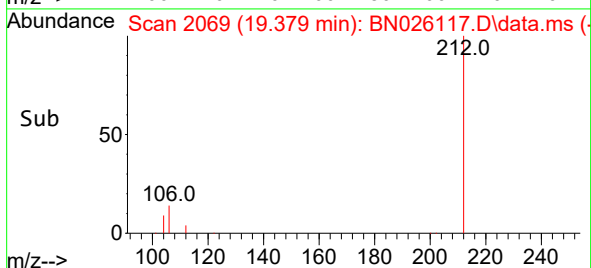
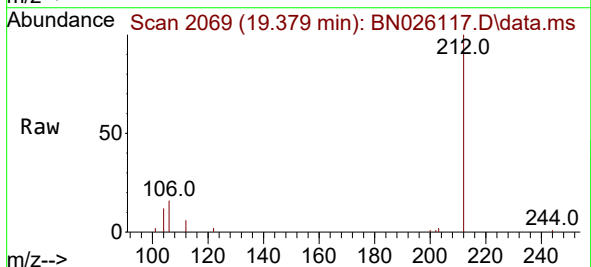
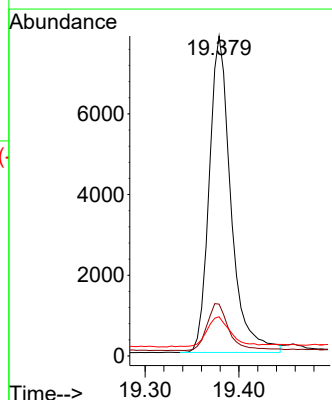
Tgt Ion:212 Resp: 12626

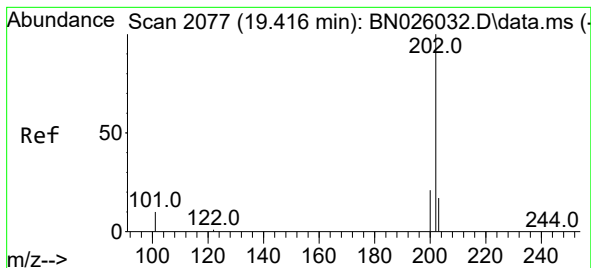
Ion Ratio Lower Upper

212 100

106 15.2 11.6 17.4

104 10.9 7.2 10.8#





#28

Fluoranthene

Concen: 0.037 ng

RT: 19.407 min Scan# 2075

Delta R.T. -0.000 min

Lab File: BN026117.D

Acq: 30 Jun 2023 06:37

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-05-462-482-062723

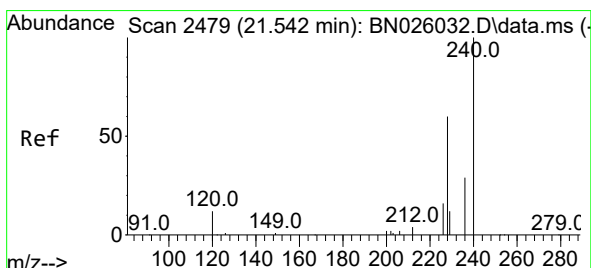
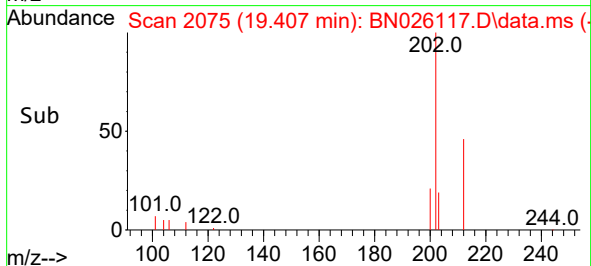
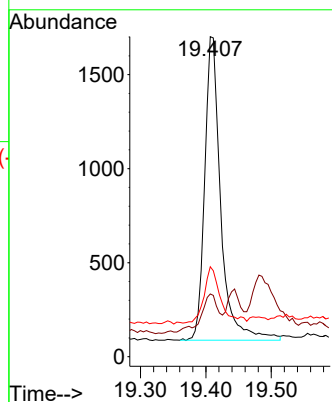
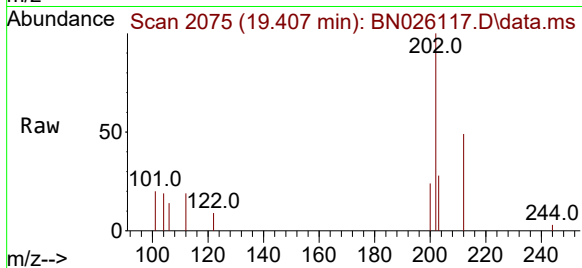
Tgt Ion:202 Resp: 2748

Ion Ratio Lower Upper

202 100

101 13.3 8.3 12.5#

203 18.9 13.5 20.3



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.542 min Scan# 2479

Delta R.T. 0.009 min

Lab File: BN026117.D

Acq: 30 Jun 2023 06:37

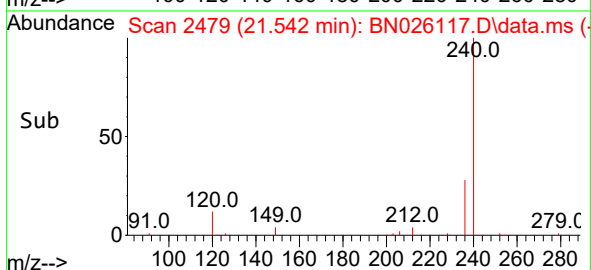
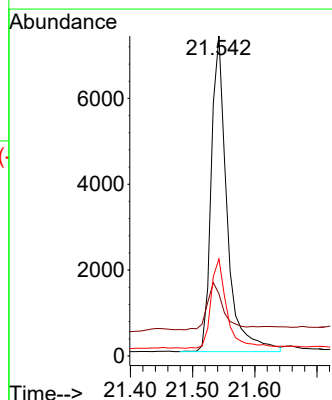
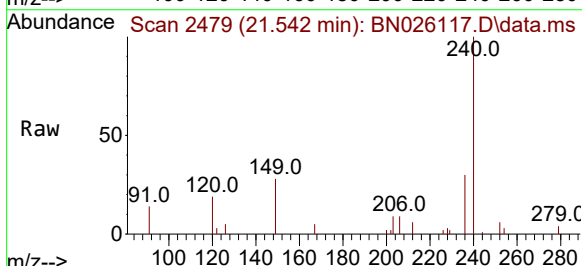
Tgt Ion:240 Resp: 12894

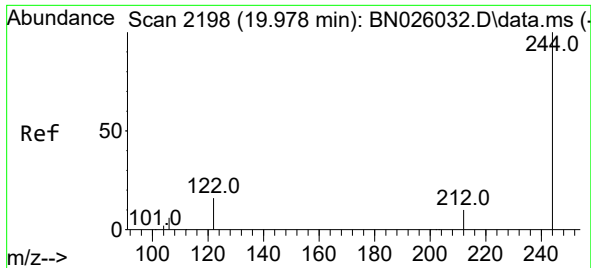
Ion Ratio Lower Upper

240 100

120 19.4 14.6 22.0

236 30.3 24.2 36.2

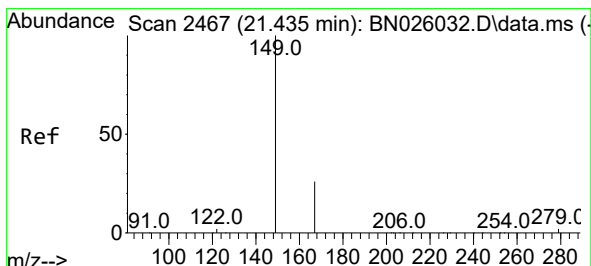
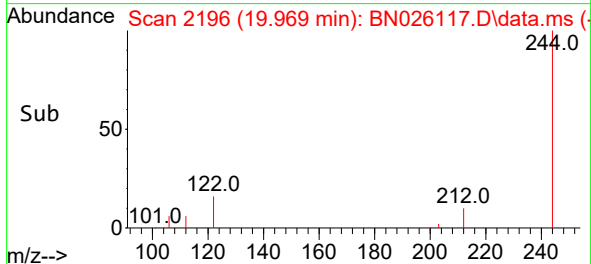
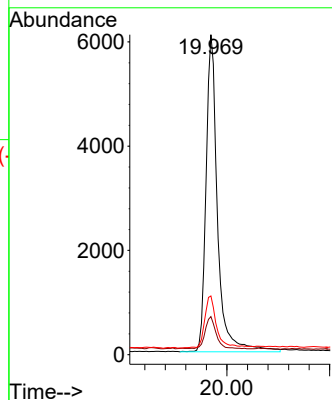
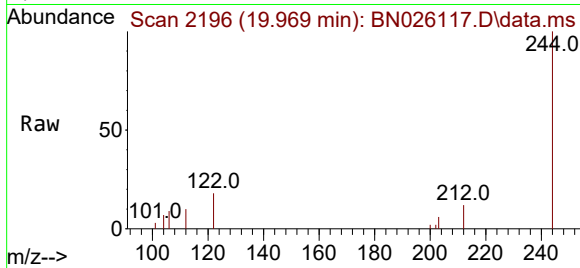




#31
 Terphenyl-d14
 Concen: 0.285 ng
 RT: 19.969 min Scan# 2196
 Delta R.T. -0.000 min
 Lab File: BN026117.D
 Acq: 30 Jun 2023 06:37

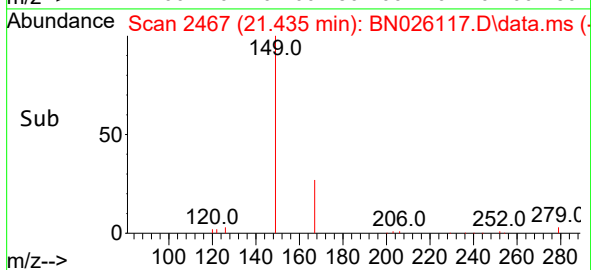
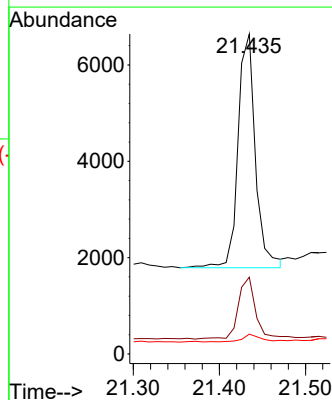
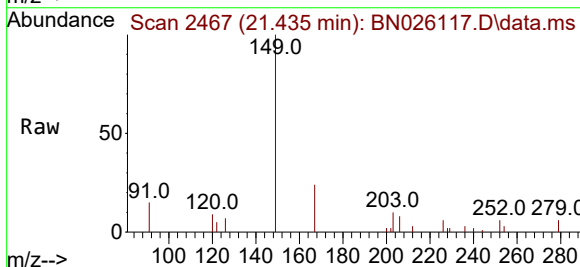
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-462-482-062723

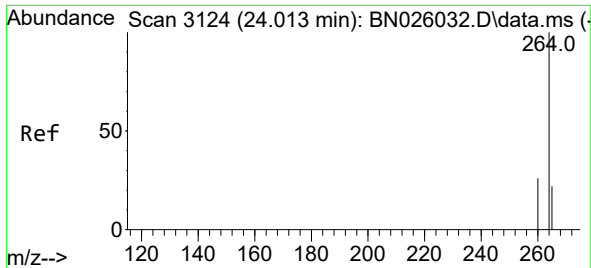
Tgt Ion:244 Resp: 9411
 Ion Ratio Lower Upper
 244 100
 212 11.9 8.7 13.1
 122 18.4 13.7 20.5



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.164 ng
 RT: 21.435 min Scan# 2467
 Delta R.T. 0.009 min
 Lab File: BN026117.D
 Acq: 30 Jun 2023 06:37

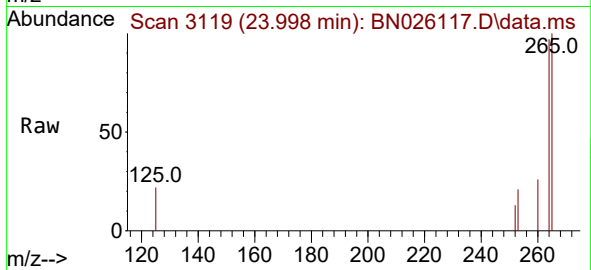
Tgt Ion:149 Resp: 6810
 Ion Ratio Lower Upper
 149 100
 167 27.1 20.2 30.4
 279 3.7 2.4 3.6#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.998 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BN026117.D
 Acq: 30 Jun 2023 06:37

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-05-462-482-062723



Tgt Ion:264 Resp: 13478
 Ion Ratio Lower Upper
 264 100
 260 26.8 21.9 32.9
 265 102.9 80.3 120.5

