

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100223\
 Data File : BN028001.D
 Acq On : 02 Oct 2023 23:37
 Operator : MA/JU
 Sample : 04551-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-B6-L10-29-41-092023

Quant Time: Oct 03 01:31:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 02 19:18:04 2023
 Response via : Initial Calibration

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

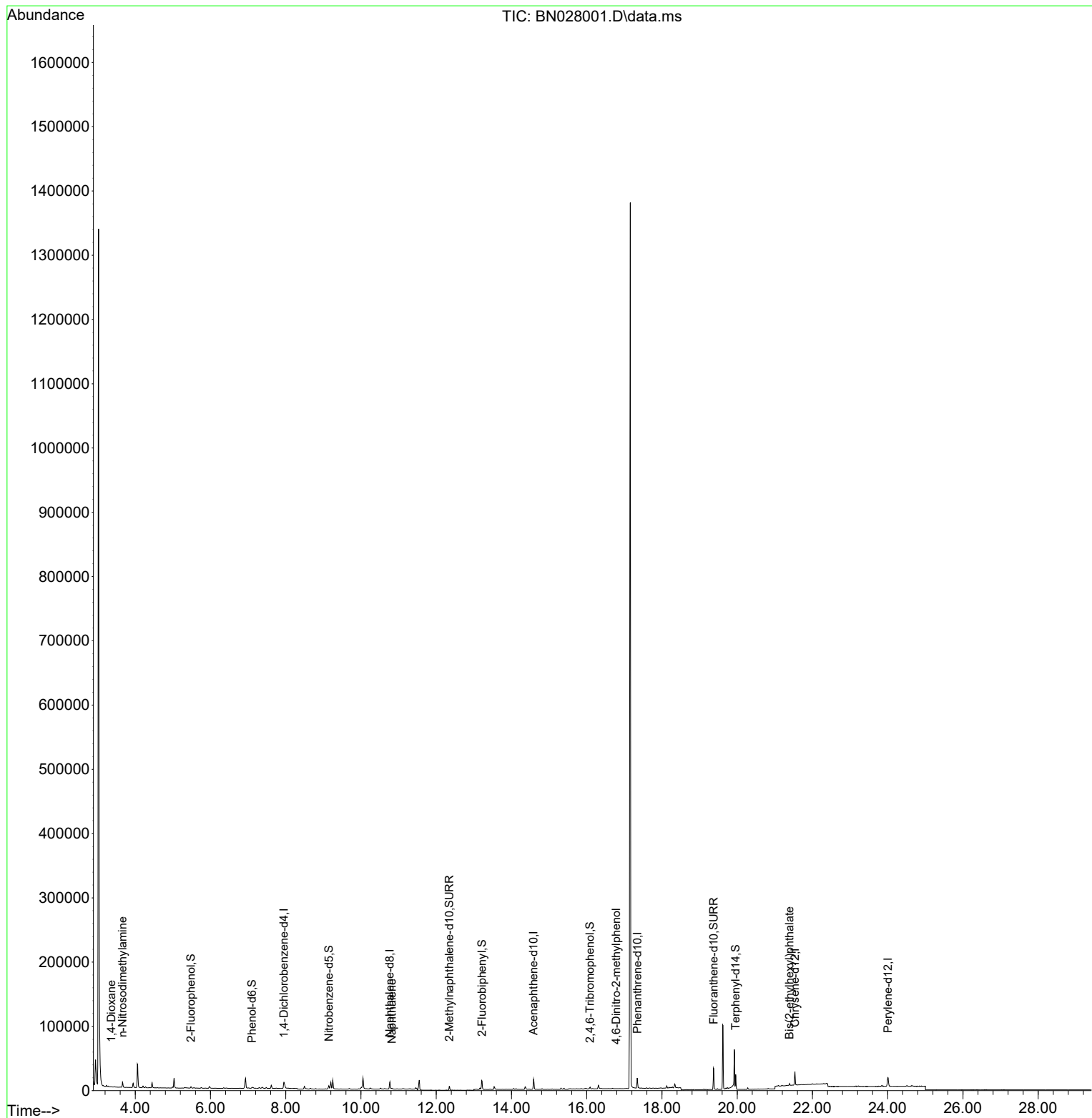
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	4366	0.400	ng	0.00
7) Naphthalene-d8	10.767	136	14948	0.400	ng	0.00
13) Acenaphthene-d10	14.587	164	9120	0.400	ng	-0.01
19) Phenanthrene-d10	17.343	188	20118	0.400	ng	0.00
29) Chrysene-d12	21.533	240	19578	0.400	ng	# 0.00
35) Perylene-d12	24.007	264	21274	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.480	112	1824	0.140	ng	0.00
5) Phenol-d6	7.105	99	1384	0.084	ng	0.00
8) Nitrobenzene-d5	9.144	82	4671	0.367	ng	0.00
11) 2-Methylnaphthalene-d10	12.351	152	8316	0.375	ng	0.00
14) 2,4,6-Tribromophenol	16.090	330	1516	0.363	ng	0.00
15) 2-Fluorobiphenyl	13.219	172	13205	0.402	ng	0.00
27) Fluoranthene-d10	19.374	212	23854	0.472	ng	0.00
31) Terphenyl-d14	19.960	244	22565	0.494	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.364	88	255	0.052	ng	# 73
3) n-Nitrosodimethylamine	3.660	42	655	0.117	ng	# 1
9) Naphthalene	10.821	128	876	0.023	ng	# 74
20) 4,6-Dinitro-2-methylph...	16.785	198	7	0.026	ng	# 4
34) Bis(2-ethylhexyl)phtha...	21.390	149	2330	0.053	ng	# 97

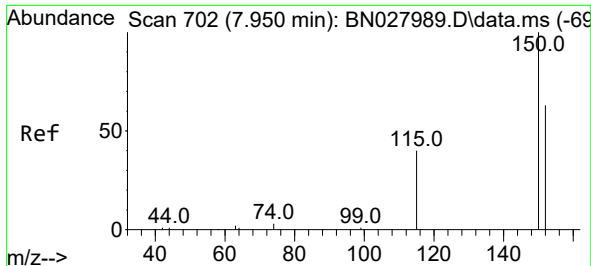
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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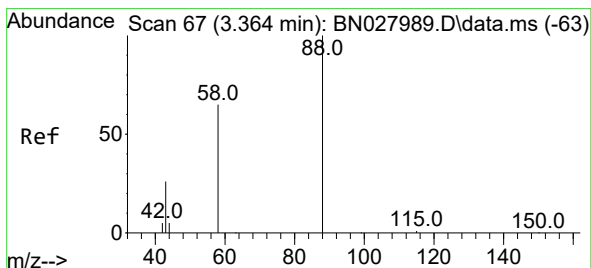
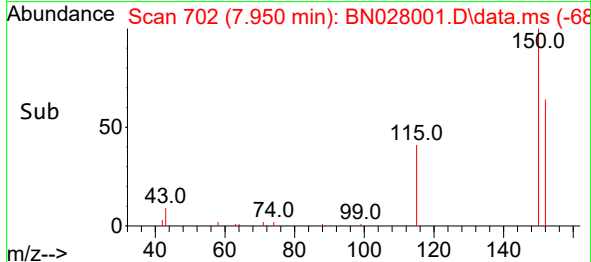
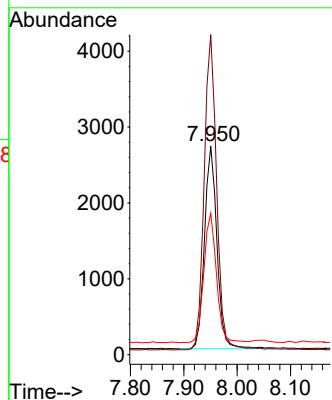
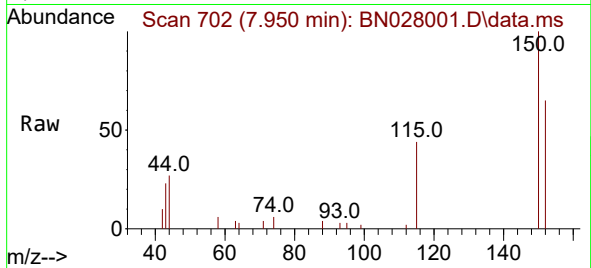




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.950 min Scan# 702
 Delta R.T. 0.000 min
 Lab File: BN028001.D
 Acq: 02 Oct 2023 23:37

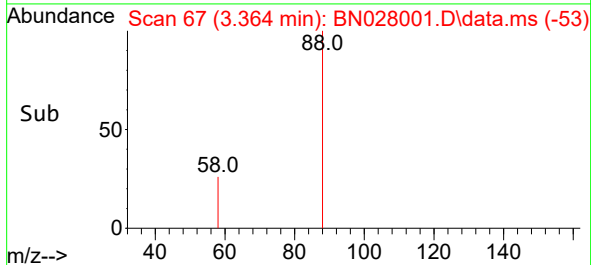
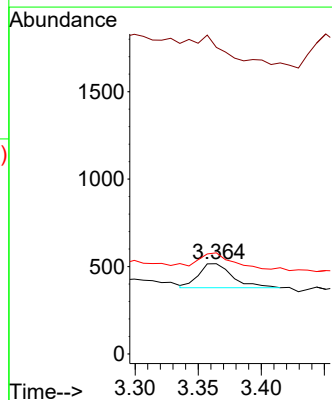
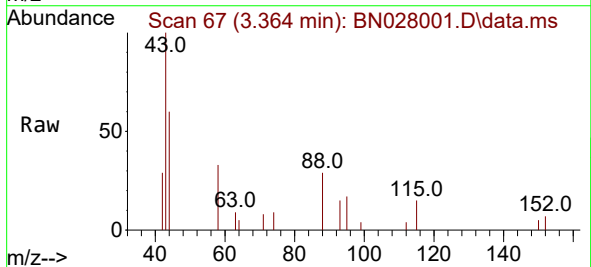
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-B6-L10-29-41-092023

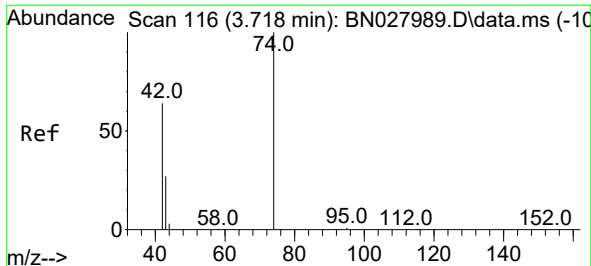
Tgt Ion:152 Resp: 4366
 Ion Ratio Lower Upper
 152 100
 150 153.5 125.6 188.4
 115 67.9 54.8 82.2



#2
 1,4-Dioxane
 Concen: 0.052 ng
 RT: 3.364 min Scan# 67
 Delta R.T. 0.000 min
 Lab File: BN028001.D
 Acq: 02 Oct 2023 23:37

Tgt Ion: 88 Resp: 255
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.6 36.8#
 58 77.6 53.8 80.6

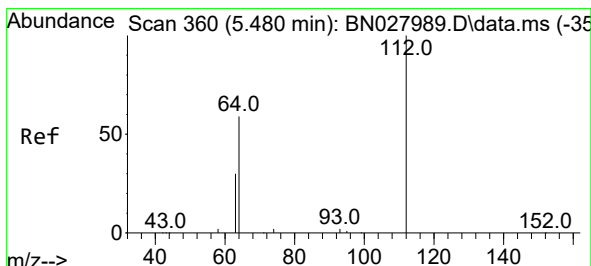
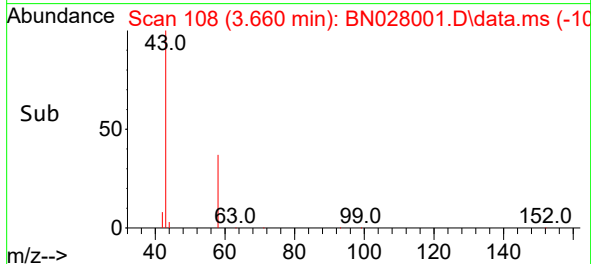
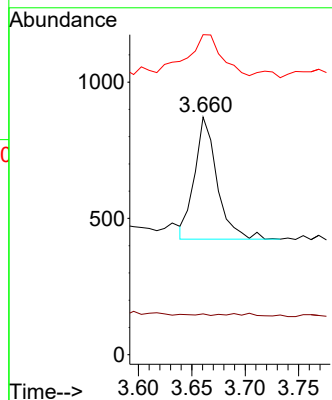
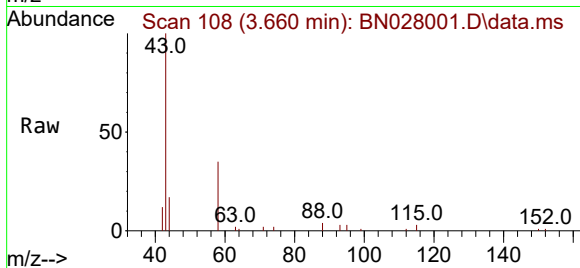




#3
n-Nitrosodimethylamine
Concen: 0.117 ng
RT: 3.660 min Scan# 108
Delta R.T. -0.058 min
Lab File: BN028001.D
Acq: 02 Oct 2023 23:37

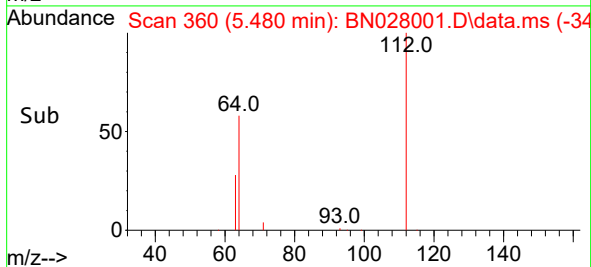
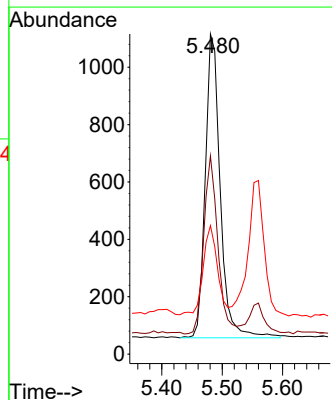
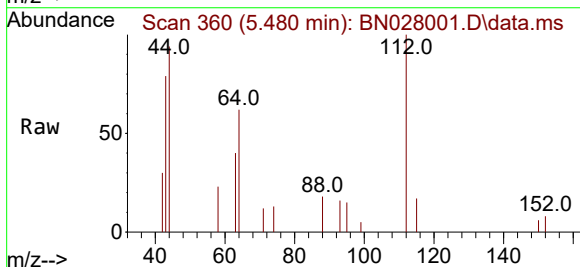
Instrument :
BNA_N
ClientSampleId :
GWOW-B6-L10-29-41-092023

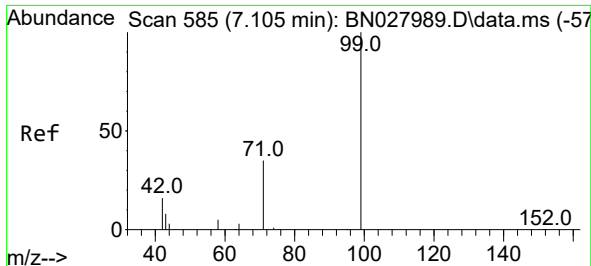
Tgt Ion: 42 Resp: 655
Ion Ratio Lower Upper
42 100
74 0.0 115.9 173.9#
44 45.2 8.0 12.0#



#4
2-Fluorophenol
Concen: 0.140 ng
RT: 5.480 min Scan# 360
Delta R.T. 0.000 min
Lab File: BN028001.D
Acq: 02 Oct 2023 23:37

Tgt Ion: 112 Resp: 1824
Ion Ratio Lower Upper
112 100
64 55.5 45.0 67.6
63 27.9 23.4 35.0

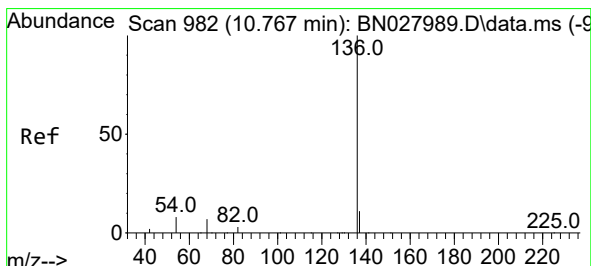
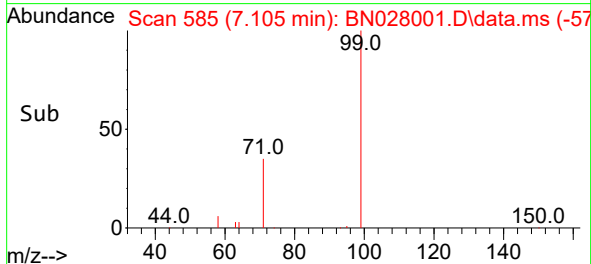
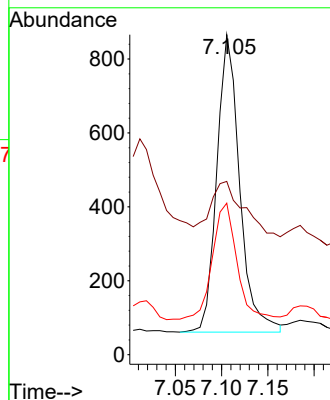
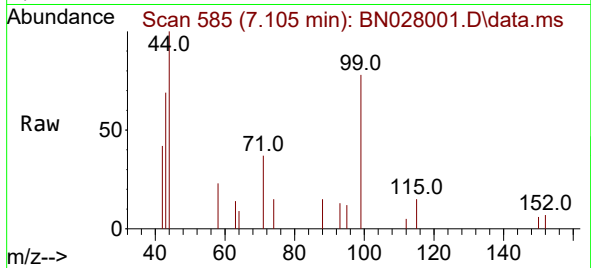




#5
Phenol-d6
Concen: 0.084 ng
RT: 7.105 min Scan# 585
Delta R.T. 0.000 min
Lab File: BN028001.D
Acq: 02 Oct 2023 23:37

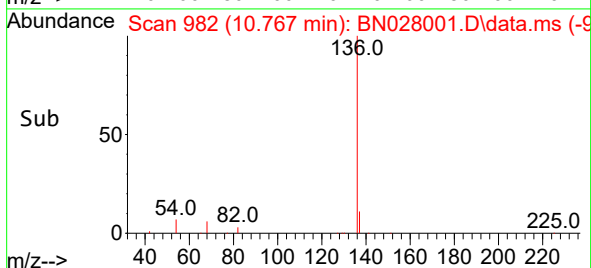
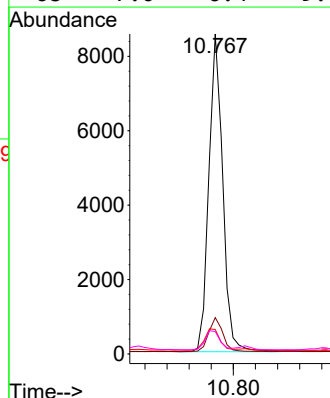
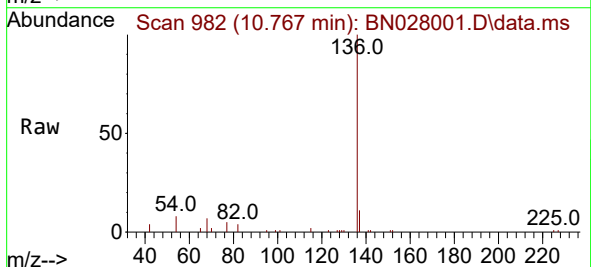
Instrument :
BNA_N
ClientSampleId :
GWOW-B6-L10-29-41-092023

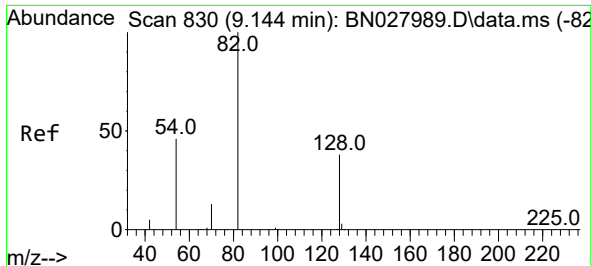
Tgt Ion: 99 Resp: 1384
Ion Ratio Lower Upper
99 100
42 27.7 14.6 22.0#
71 41.5 28.3 42.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.767 min Scan# 982
Delta R.T. 0.000 min
Lab File: BN028001.D
Acq: 02 Oct 2023 23:37

Tgt Ion: 136 Resp: 14948
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.0
54 7.7 7.0 10.6
68 7.0 6.4 9.6

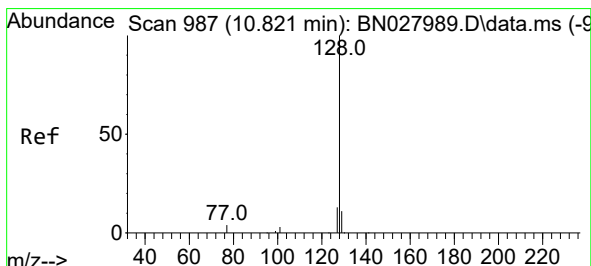
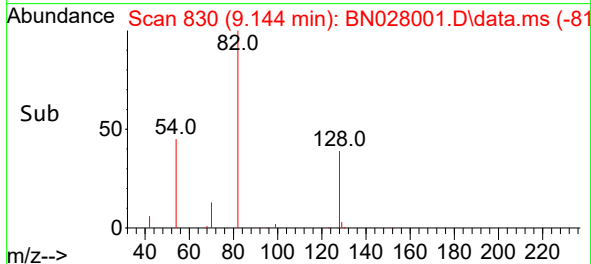
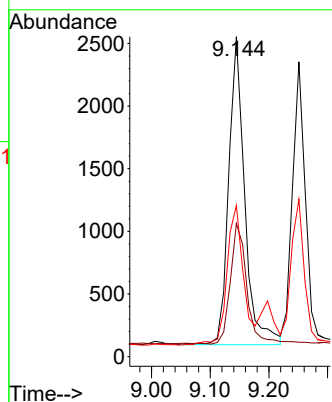
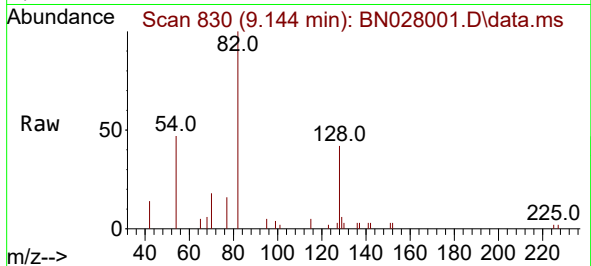




#8
Nitrobenzene-d5
Concen: 0.367 ng
RT: 9.144 min Scan# 81
Delta R.T. 0.000 min
Lab File: BN028001.D
Acq: 02 Oct 2023 23:37

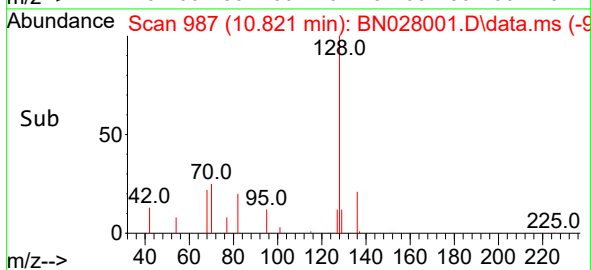
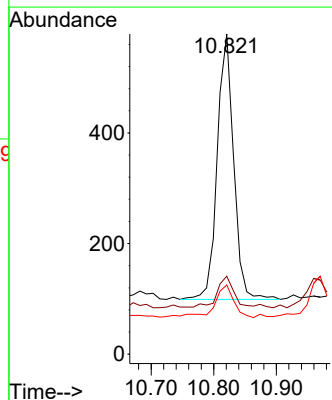
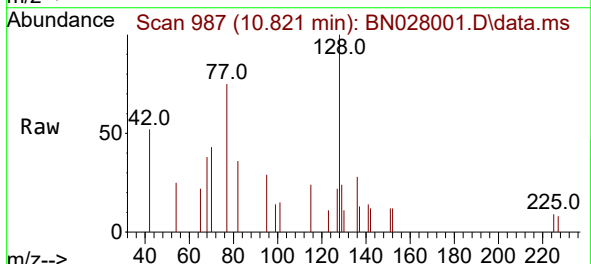
Instrument :
BNA_N
ClientSampleId :
GWOW-B6-L10-29-41-092023

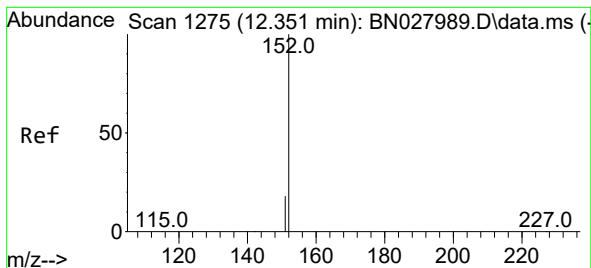
Tgt Ion: 82 Resp: 4671
Ion Ratio Lower Upper
82 100
128 41.6 32.7 49.1
54 47.3 38.7 58.1



#9
Naphthalene
Concen: 0.023 ng
RT: 10.821 min Scan# 987
Delta R.T. 0.000 min
Lab File: BN028001.D
Acq: 02 Oct 2023 23:37

Tgt Ion: 128 Resp: 876
Ion Ratio Lower Upper
128 100
129 24.4 9.4 14.2#
127 21.6 10.9 16.3#

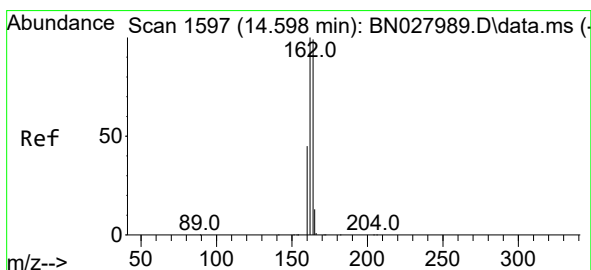
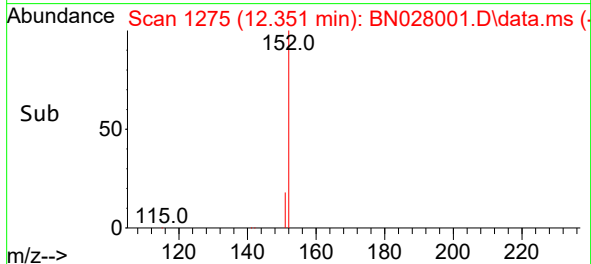
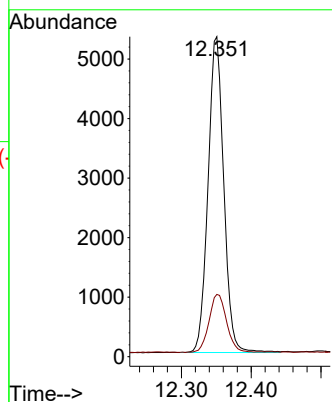
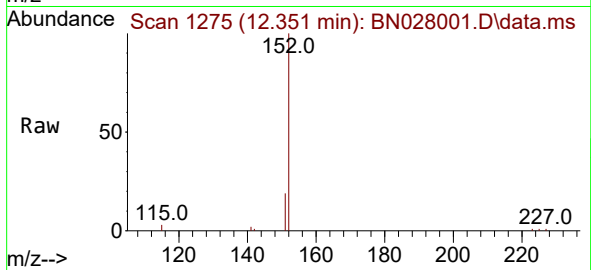




#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 12.351 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN028001.D
Acq: 02 Oct 2023 23:37

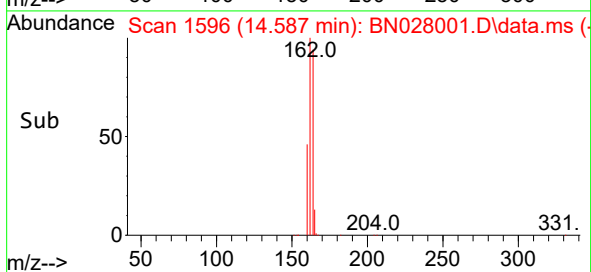
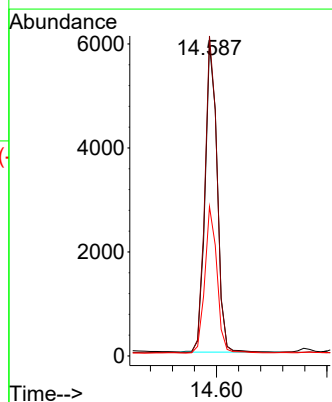
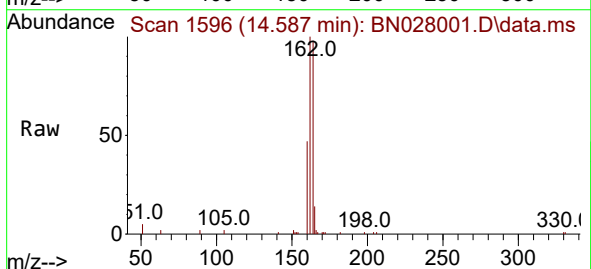
Instrument :
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ClientSampleId :
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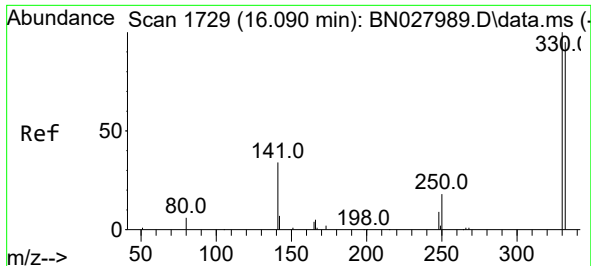
Tgt Ion:152 Resp: 8316
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.587 min Scan# 1596
Delta R.T. -0.011 min
Lab File: BN028001.D
Acq: 02 Oct 2023 23:37

Tgt Ion:164 Resp: 9120
Ion Ratio Lower Upper
164 100
162 102.5 80.8 121.2
160 47.8 36.4 54.6

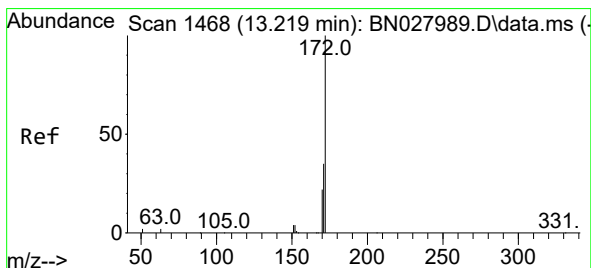
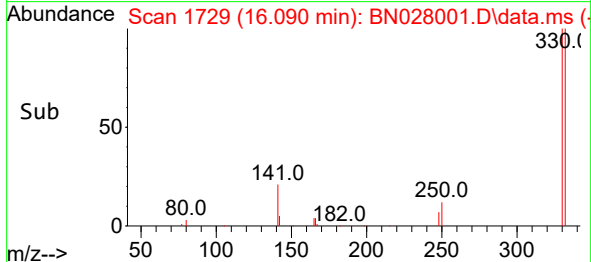
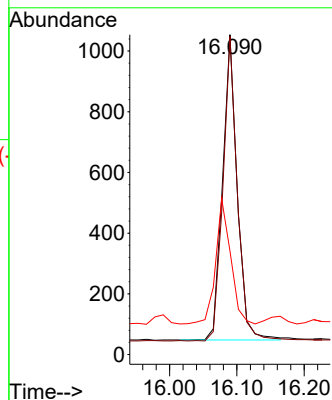
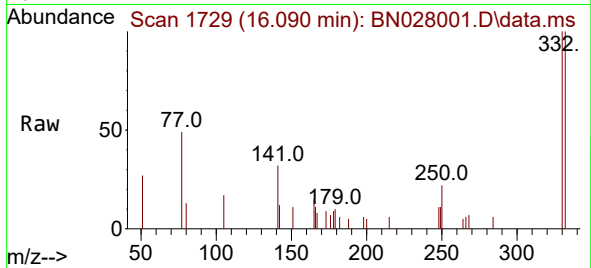




#14
2,4,6-Tribromophenol
Concen: 0.363 ng
RT: 16.090 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN028001.D
Acq: 02 Oct 2023 23:37

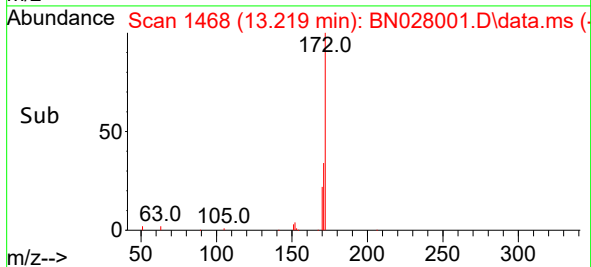
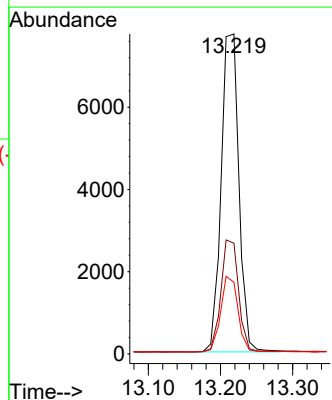
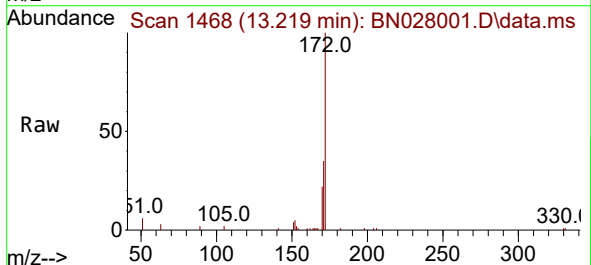
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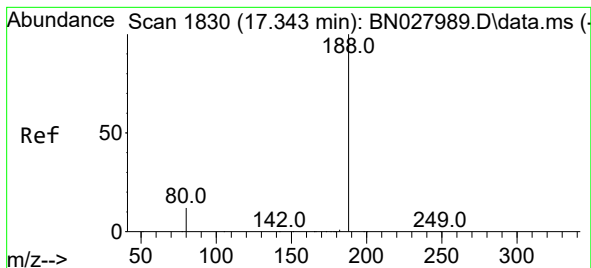
Tgt Ion:330 Resp: 1516
Ion Ratio Lower Upper
330 100
332 97.9 78.1 117.1
141 42.0 33.4 50.2



#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 13.219 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BN028001.D
Acq: 02 Oct 2023 23:37

Tgt Ion:172 Resp: 13205
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 22.4 18.4 27.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.343 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BN028001.D

Acq: 02 Oct 2023 23:37

Instrument :

BNA_N

ClientSampleId :

GWOW-B6-L10-29-41-092023

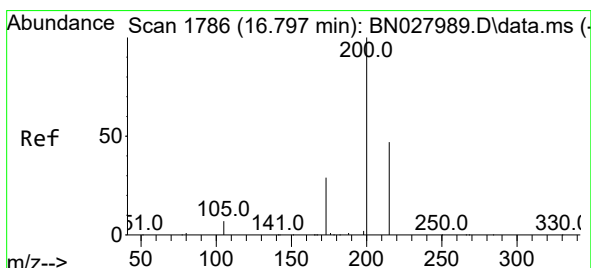
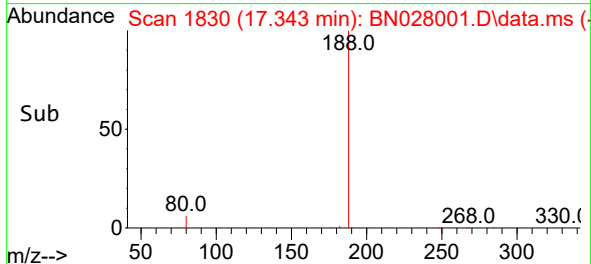
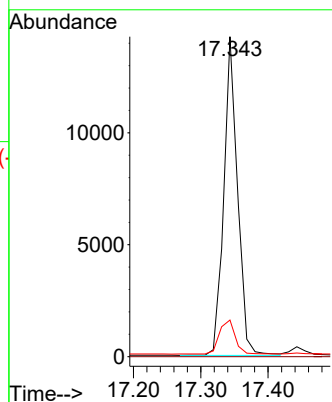
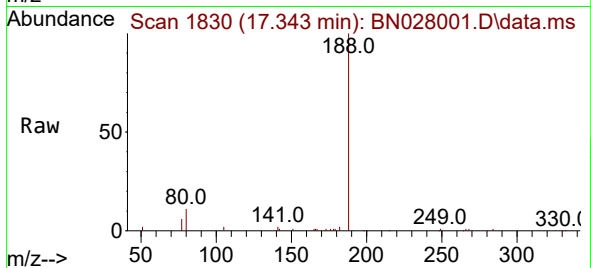
Tgt Ion:188 Resp: 20118

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.4 10.2 15.4



#20

4,6-Dinitro-2-methylphenol

Concen: 0.026 ng

RT: 16.785 min Scan# 1785

Delta R.T. -0.012 min

Lab File: BN028001.D

Acq: 02 Oct 2023 23:37

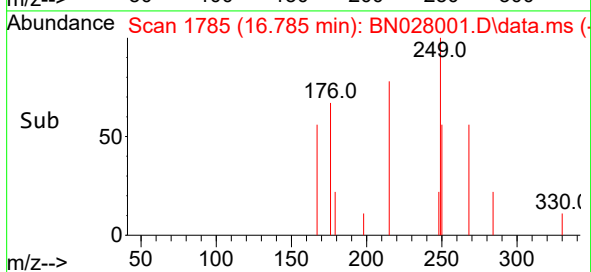
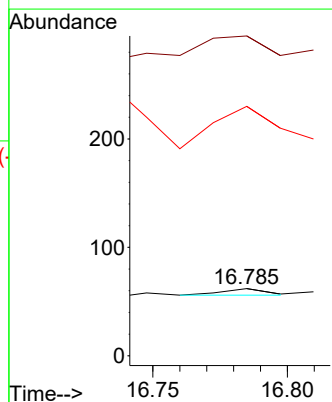
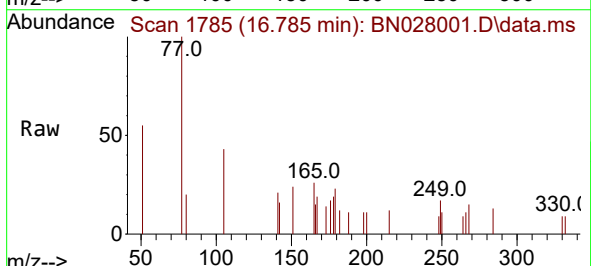
Tgt Ion:198 Resp: 7

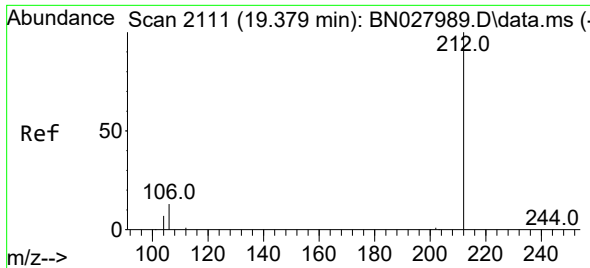
Ion Ratio Lower Upper

198 100

51 475.8 180.7 271.1#

105 371.0 222.2 333.2#

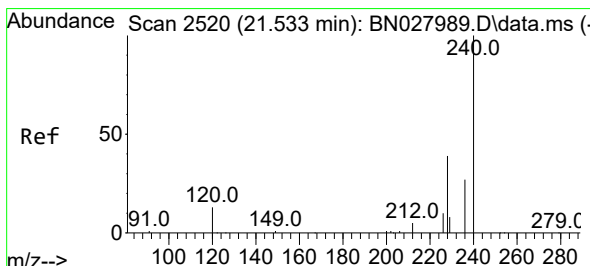
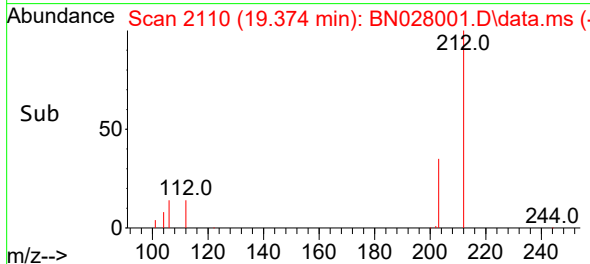
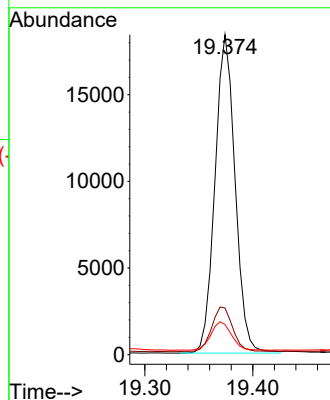
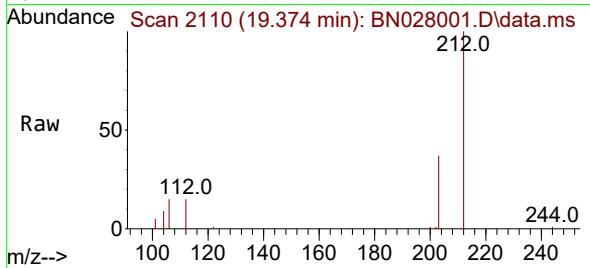




#27
Fluoranthene-d10
Concen: 0.472 ng
RT: 19.374 min Scan# 2110
Delta R.T. -0.005 min
Lab File: BN028001.D
Acq: 02 Oct 2023 23:37

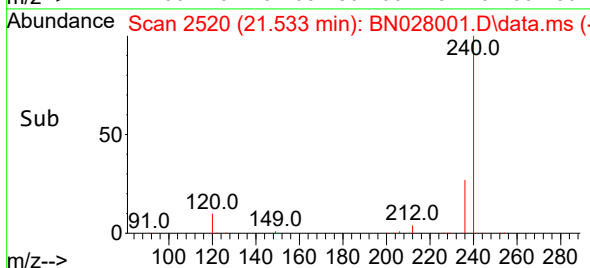
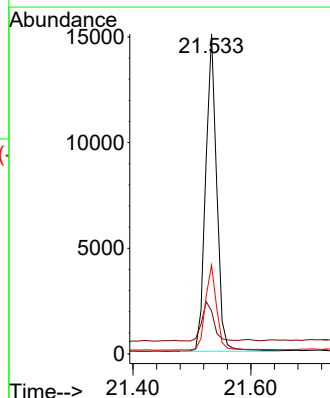
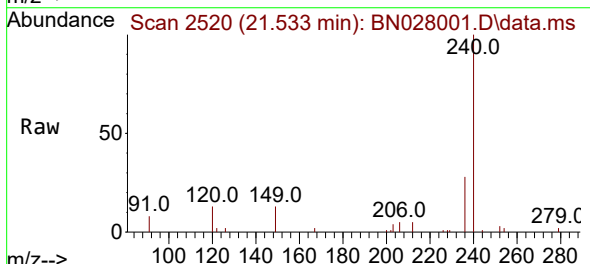
Instrument :
BNA_N
ClientSampleId :
GWOW-B6-L10-29-41-092023

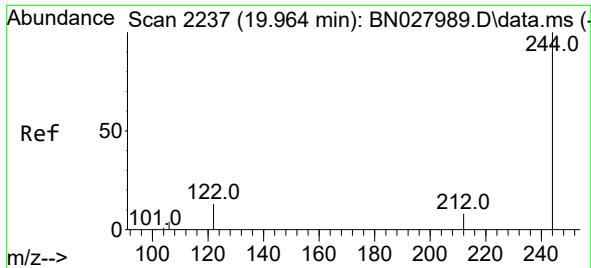
Tgt Ion:212 Resp: 23854
Ion Ratio Lower Upper
212 100
106 14.5 11.3 16.9
104 9.1 6.4 9.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.533 min Scan# 2520
Delta R.T. 0.000 min
Lab File: BN028001.D
Acq: 02 Oct 2023 23:37

Tgt Ion:240 Resp: 19578
Ion Ratio Lower Upper
240 100
120 13.4 13.8 20.6#
236 27.7 22.6 33.8

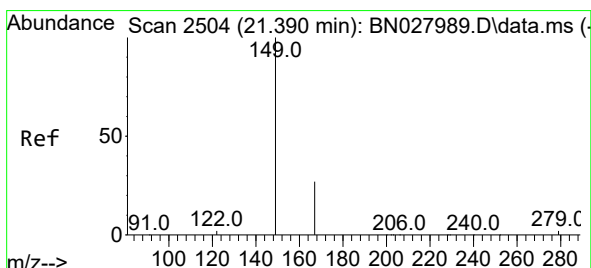
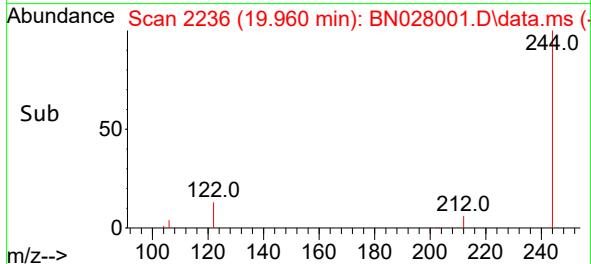
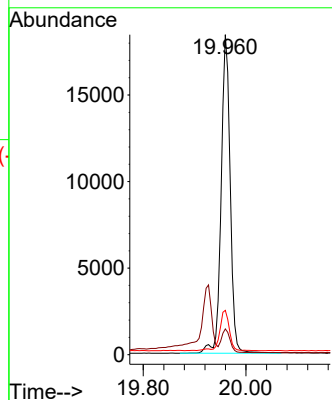
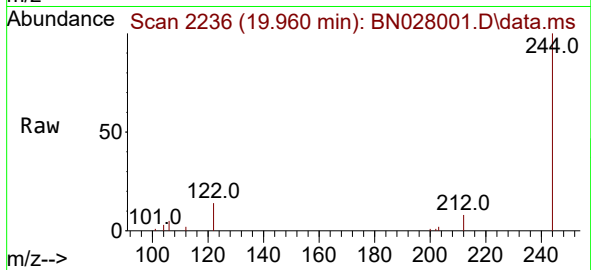




#31
 Terphenyl-d14
 Concen: 0.494 ng
 RT: 19.960 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN028001.D
 Acq: 02 Oct 2023 23:37

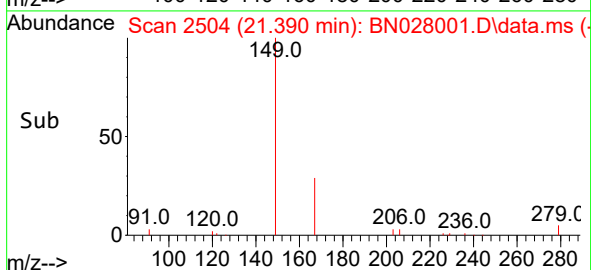
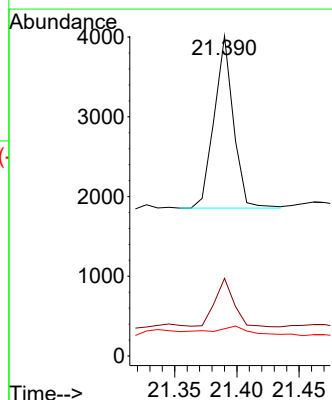
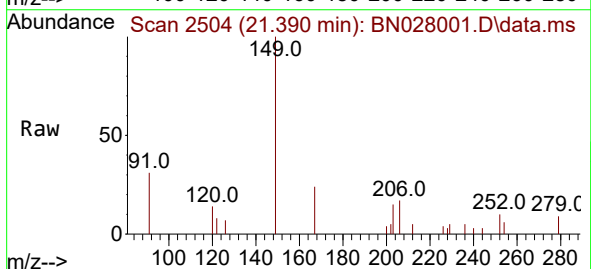
Instrument :
 BNA_N
 ClientSampleId :
 GWOW-B6-L10-29-41-092023

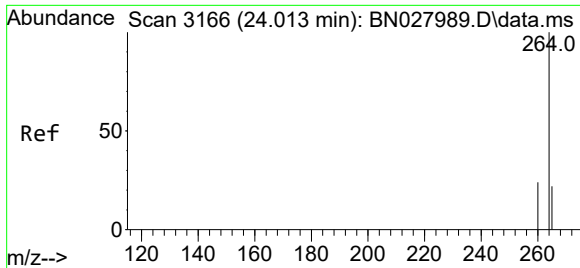
Tgt Ion:244 Resp: 22565
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.6 9.8
 122 13.8 11.4 17.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.053 ng
 RT: 21.390 min Scan# 2504
 Delta R.T. -0.000 min
 Lab File: BN028001.D
 Acq: 02 Oct 2023 23:37

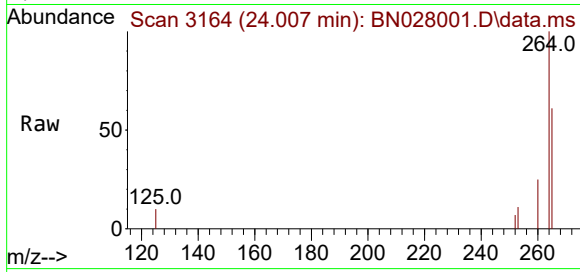
Tgt Ion:149 Resp: 2330
 Ion Ratio Lower Upper
 149 100
 167 28.3 22.1 33.1
 279 8.4 3.4 5.0#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.007 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BN028001.D
 Acq: 02 Oct 2023 23:37

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-B6-L10-29-41-092023



Tgt Ion:264 Resp: 21274

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.4
265	60.5	54.8	82.2

