

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
 Data File : BN029173.D
 Acq On : 22 Dec 2023 05:17
 Operator : MA/JU
 Sample : 05942-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-04A-320-340-121923

Quant Time: Dec 22 06:08:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 18:03:30 2023
 Response via : Initial Calibration

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

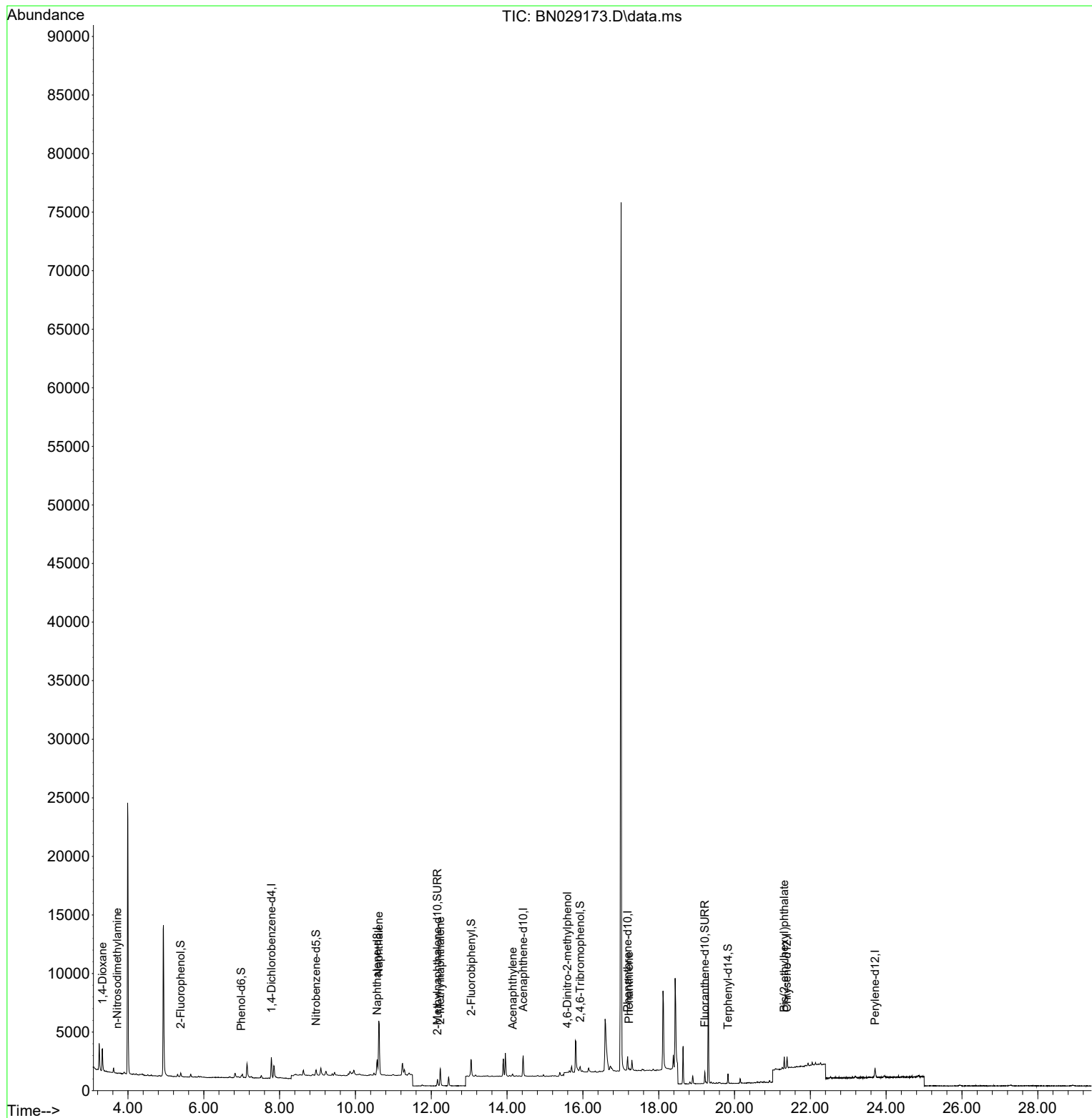
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	925	0.400	ng	-0.01
7) Naphthalene-d8	10.573	136	1948	0.400	ng	-0.01
13) Acenaphthene-d10	14.426	164	1034	0.400	ng	0.00
19) Phenanthrene-d10	17.181	188	1664	0.400	ng	# 0.00
29) Chrysene-d12	21.385	240	773	0.400	ng	0.00
35) Perylene-d12	23.707	264	1014	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	254	0.115	ng	-0.01
5) Phenol-d6	6.988	99	170	0.070	ng	-0.01
8) Nitrobenzene-d5	8.961	82	517	0.204	ng	0.00
11) 2-Methylnaphthalene-d10	12.163	152	754	0.255	ng	0.00
14) 2,4,6-Tribromophenol	15.927	330	235	0.260	ng	0.00
15) 2-Fluorobiphenyl	13.057	172	1439	0.238	ng	0.00
27) Fluoranthene-d10	19.215	212	1014	0.252	ng	0.00
31) Terphenyl-d14	19.828	244	621	0.292	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.326	88	1694	1.944	ng	96
3) n-Nitrosodimethylamine	3.716	42	19	0.032	ng	# 58
9) Naphthalene	10.616	128	6577	1.036	ng	94
12) 2-Methylnaphthalene	12.238	142	1074	0.259	ng	98
16) Acenaphthylene	14.148	152	212	0.029	ng	# 83
20) 4,6-Dinitro-2-methylph...	15.592	198	8	0.073	ng	# 14
25) Phenanthrene	17.218	178	211	0.031	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.313	149	1074	0.166	ng	99

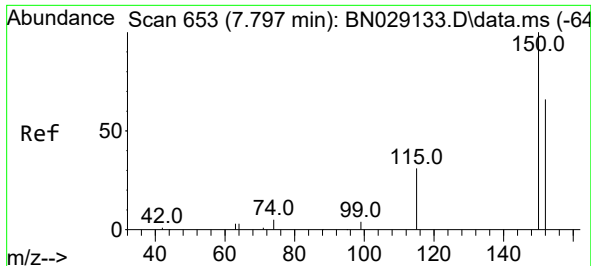
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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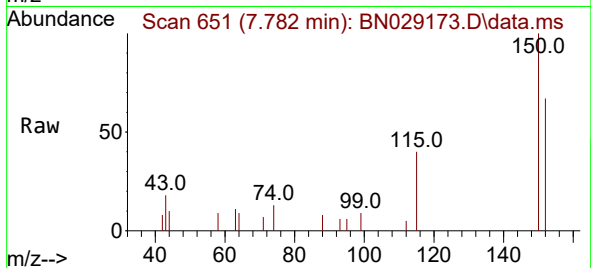
Quant Time: Dec 22 06:08:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
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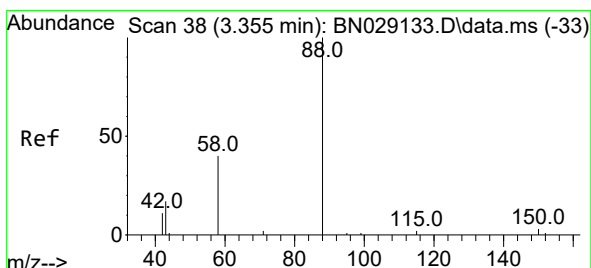
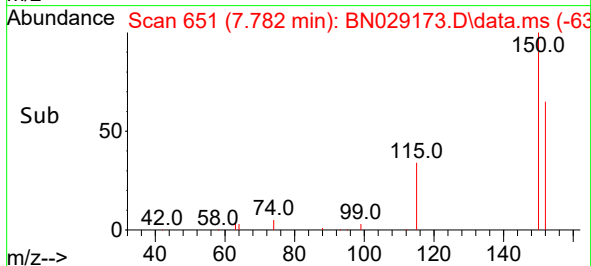
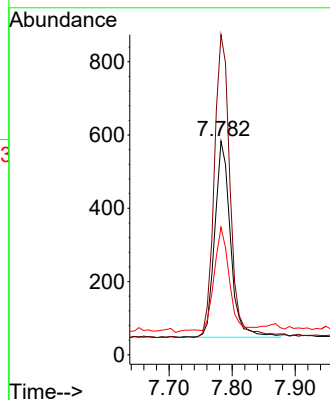
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.782 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN029173.D
 Acq: 22 Dec 2023 05:17

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-04A-320-340-121923



Tgt Ion:152 Resp: 925

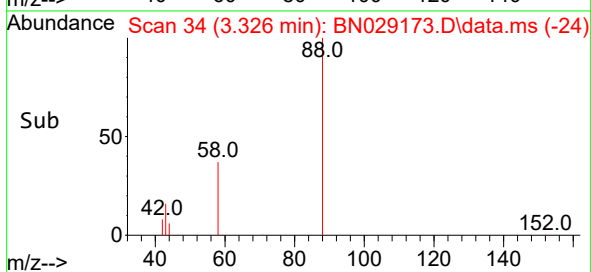
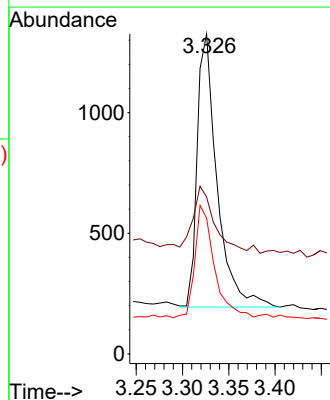
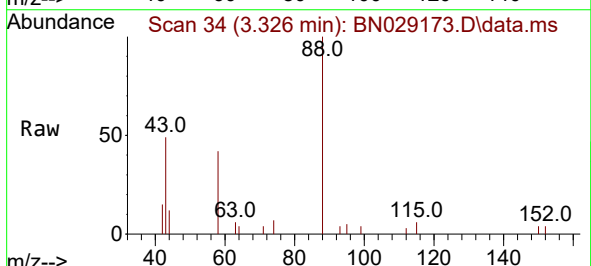
Ion	Ratio	Lower	Upper
152	100		
150	149.9	117.6	176.4
115	59.7	44.2	66.2

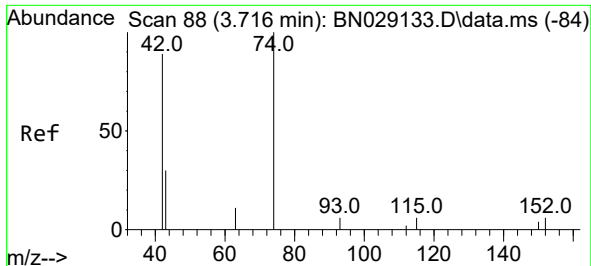


#2
 1,4-Dioxane
 Concen: 1.944 ng
 RT: 3.326 min Scan# 34
 Delta R.T. -0.029 min
 Lab File: BN029173.D
 Acq: 22 Dec 2023 05:17

Tgt Ion: 88 Resp: 1694

Ion	Ratio	Lower	Upper
88	100		
43	24.9	20.1	30.1
58	40.2	35.4	53.2

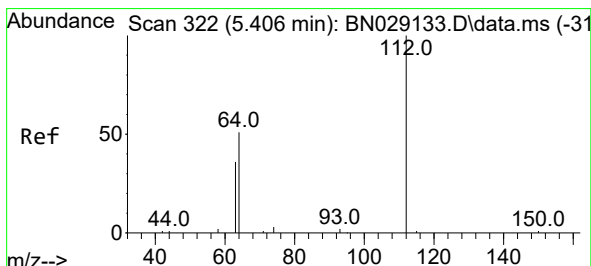
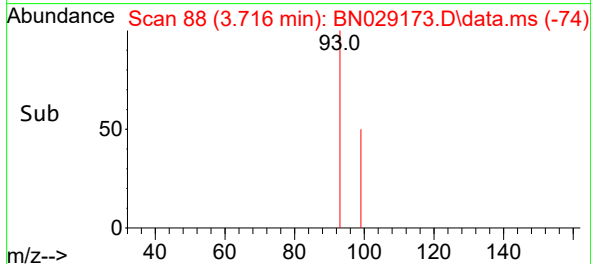
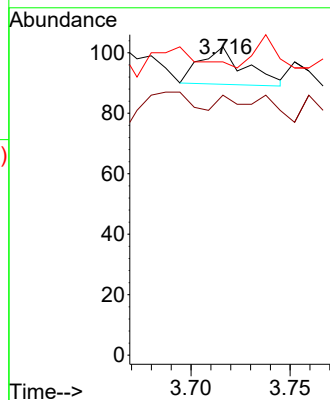
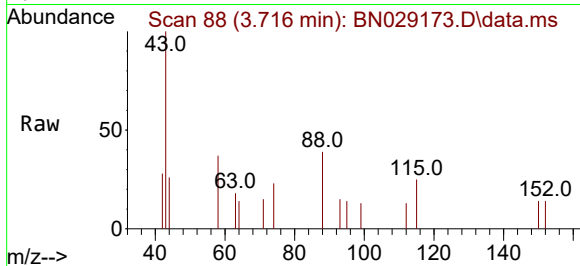




#3
n-Nitrosodimethylamine
Concen: 0.032 ng
RT: 3.716 min Scan# 81
Delta R.T. -0.000 min
Lab File: BN029173.D
Acq: 22 Dec 2023 05:17

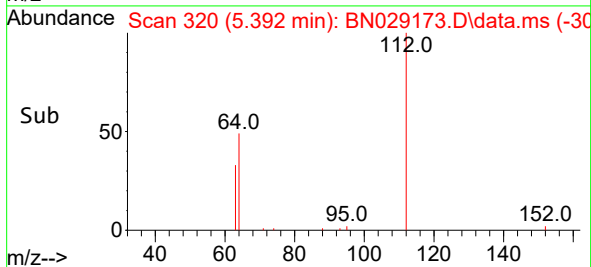
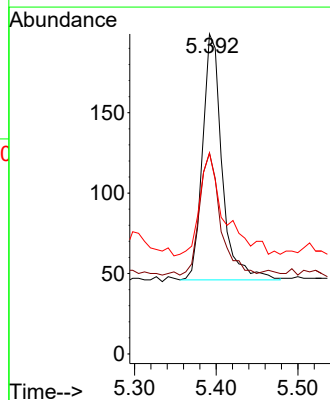
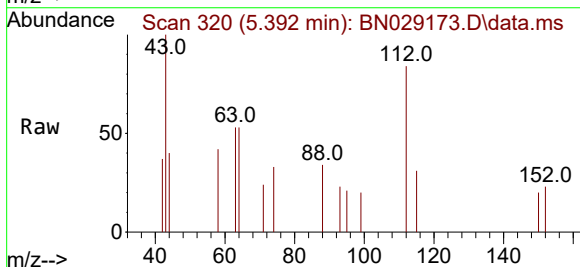
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04A-320-340-121923

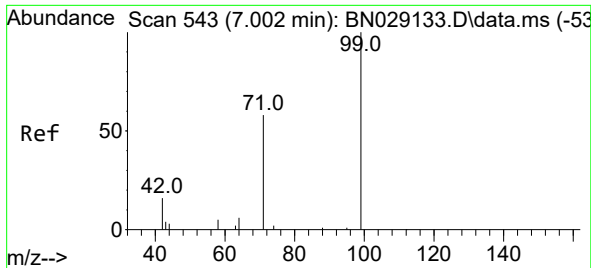
Tgt Ion: 42 Resp: 19
Ion Ratio Lower Upper
42 100
74 78.9 103.0 154.4#
44 0.0 3.2 4.8#



#4
2-Fluorophenol
Concen: 0.115 ng
RT: 5.392 min Scan# 320
Delta R.T. -0.015 min
Lab File: BN029173.D
Acq: 22 Dec 2023 05:17

Tgt Ion: 112 Resp: 254
Ion Ratio Lower Upper
112 100
64 53.5 38.6 58.0
63 53.9 30.0 45.0#

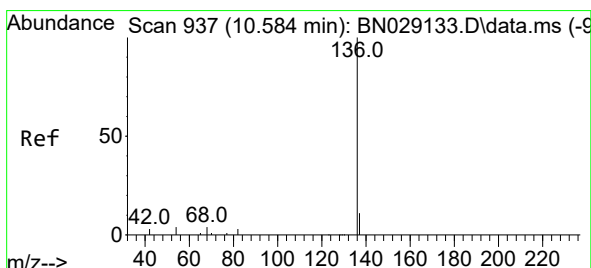
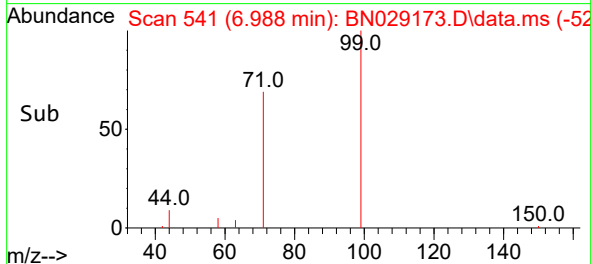
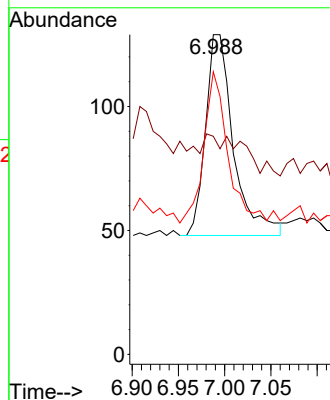
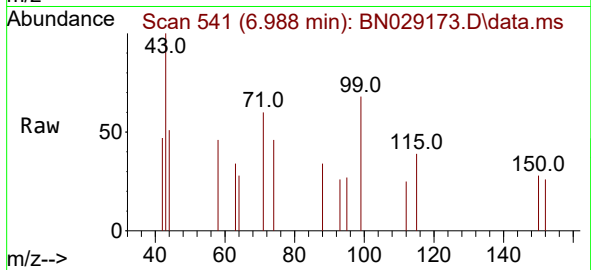




#5
Phenol-d6
Concen: 0.070 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.015 min
Lab File: BN029173.D
Acq: 22 Dec 2023 05:17

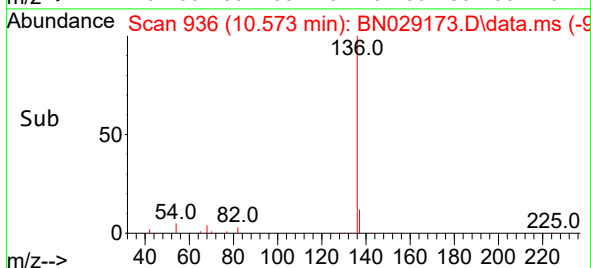
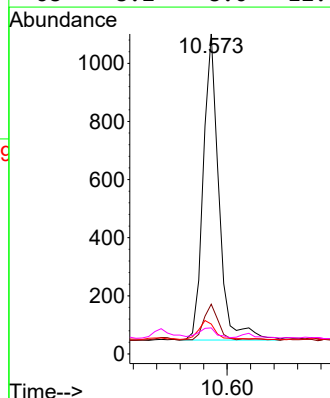
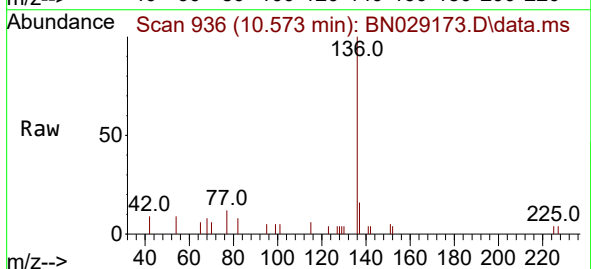
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04A-320-340-121923

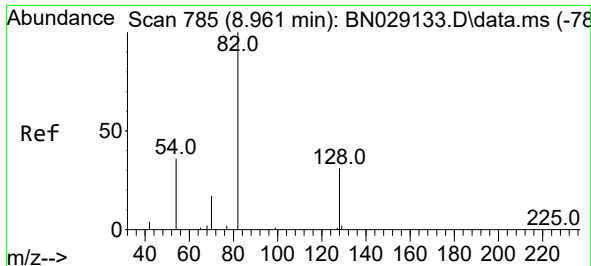
Tgt Ion: 99 Resp: 170
Ion Ratio Lower Upper
99 100
42 4.1 13.8 20.6#
71 64.1 45.4 68.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 936
Delta R.T. -0.011 min
Lab File: BN029173.D
Acq: 22 Dec 2023 05:17

Tgt Ion: 136 Resp: 1948
Ion Ratio Lower Upper
136 100
137 15.5 13.4 20.0
54 9.4 8.6 13.0
68 8.2 8.0 12.0

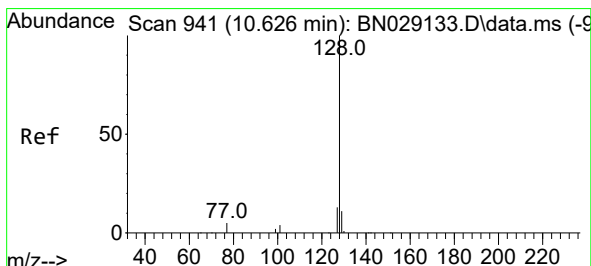
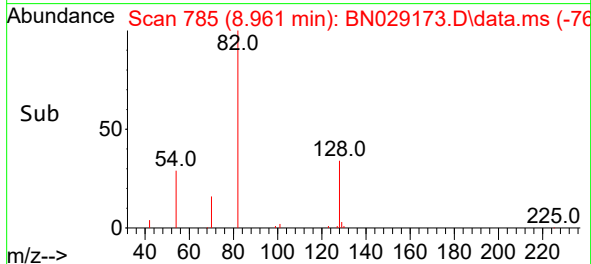
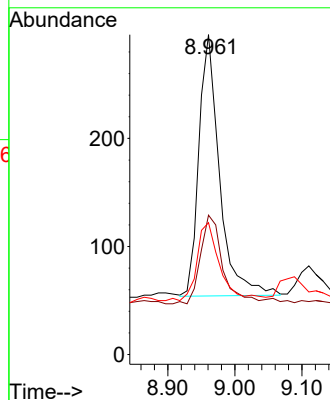
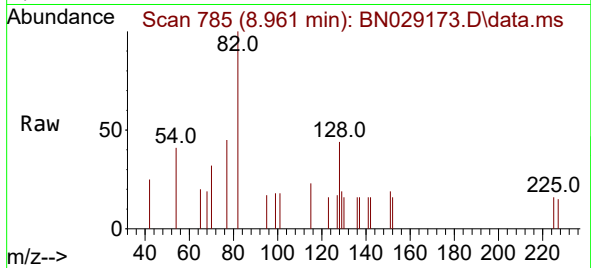




#8
Nitrobenzene-d5
Concen: 0.204 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN029173.D
Acq: 22 Dec 2023 05:17

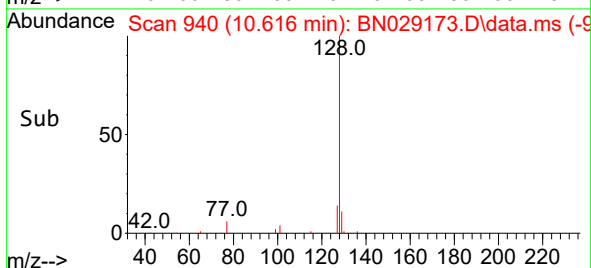
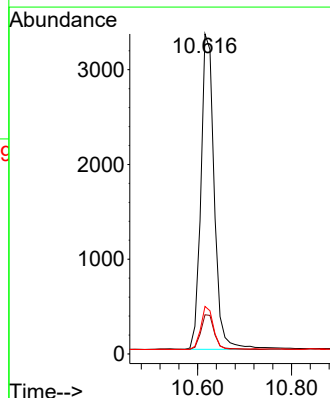
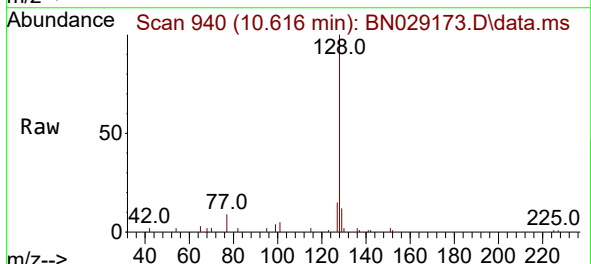
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04A-320-340-121923

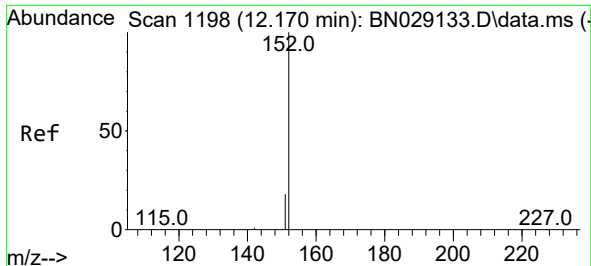
Tgt Ion:	82	Resp:	517
Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.0	49.4
54	41.2	35.8	53.8



#9
Naphthalene
Concen: 1.036 ng
RT: 10.616 min Scan# 940
Delta R.T. -0.011 min
Lab File: BN029173.D
Acq: 22 Dec 2023 05:17

Tgt Ion:	128	Resp:	6577
Ion	Ratio	Lower	Upper
128	100		
129	12.3	12.0	18.0
127	14.8	14.1	21.1





#11

2-Methylnaphthalene-d10

Concen: 0.255 ng

RT: 12.163 min Scan# 1196

Delta R.T. -0.008 min

Lab File: BN029173.D

Acq: 22 Dec 2023 05:17

Instrument :

BNA_N

ClientSampleId :

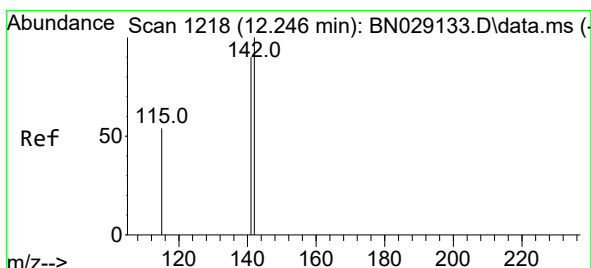
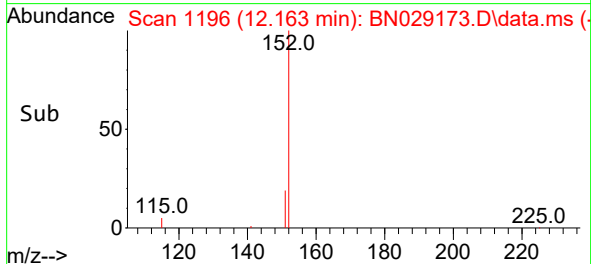
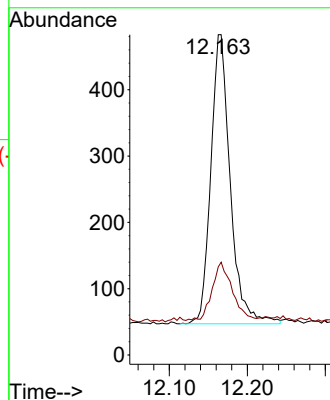
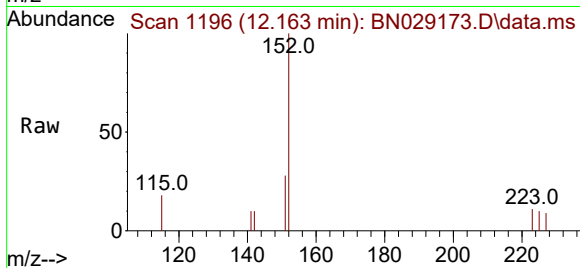
GWOW-BR-04A-320-340-121923

Tgt Ion:152 Resp: 754

Ion Ratio Lower Upper

152 100

151 21.4 17.4 26.2



#12

2-Methylnaphthalene

Concen: 0.259 ng

RT: 12.238 min Scan# 1216

Delta R.T. -0.008 min

Lab File: BN029173.D

Acq: 22 Dec 2023 05:17

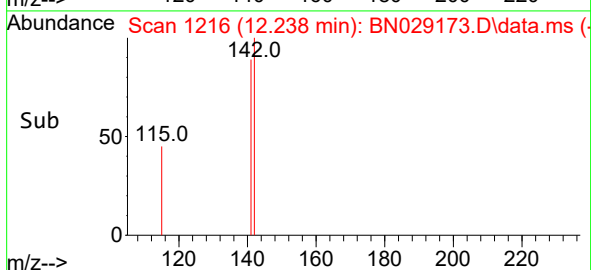
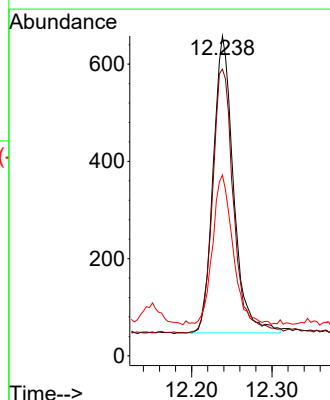
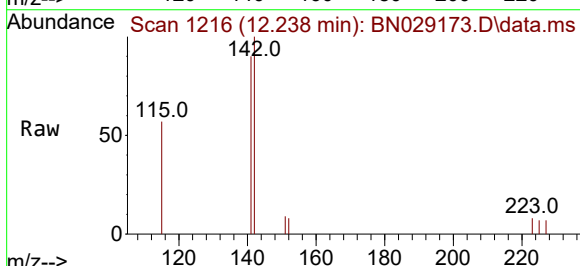
Tgt Ion:142 Resp: 1074

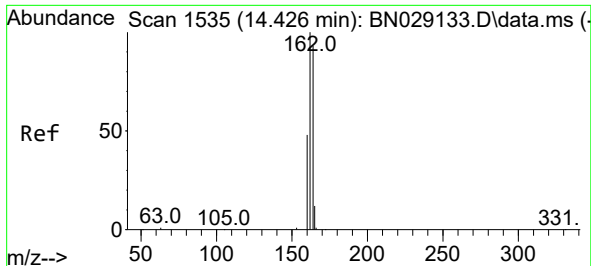
Ion Ratio Lower Upper

142 100

141 89.7 73.0 109.4

115 56.5 46.8 70.2

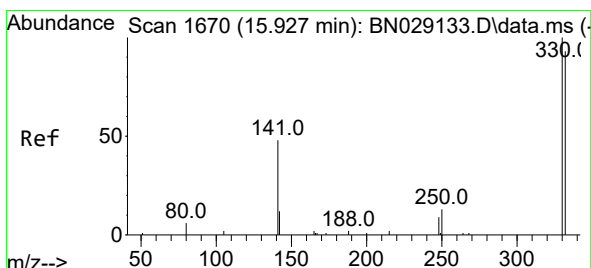
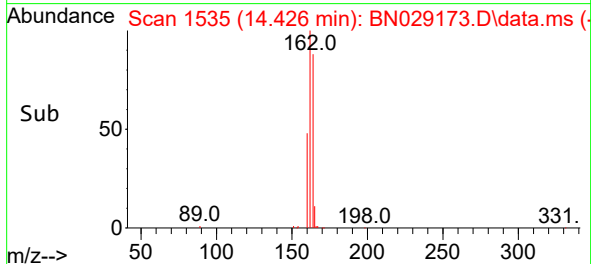
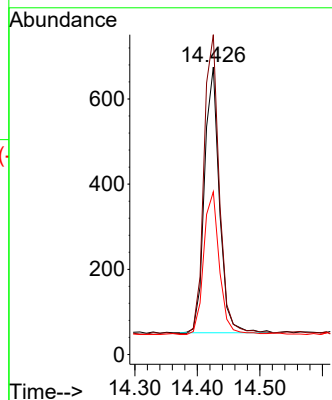
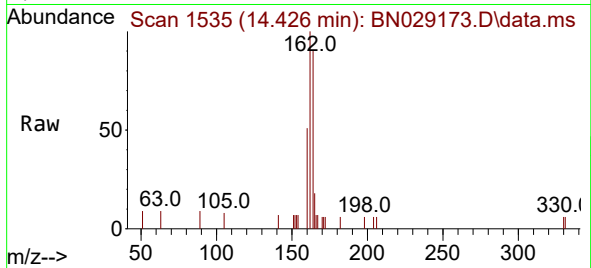




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.426 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BN029173.D
Acq: 22 Dec 2023 05:17

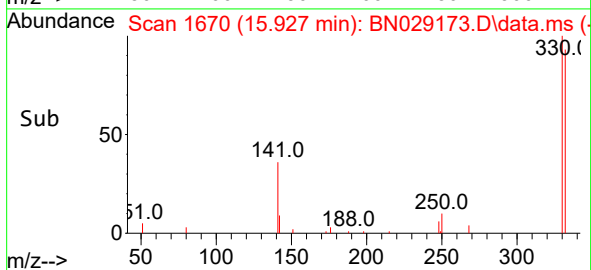
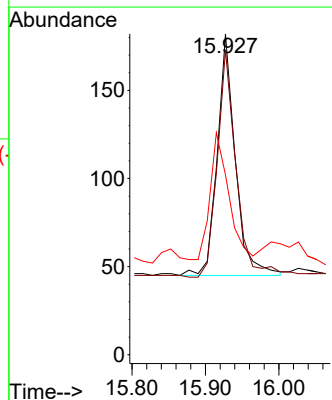
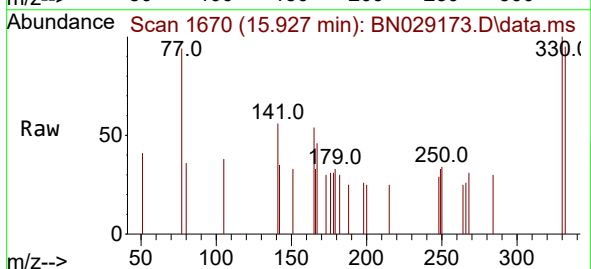
Instrument :
BNA_N
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GWOW-BR-04A-320-340-121923

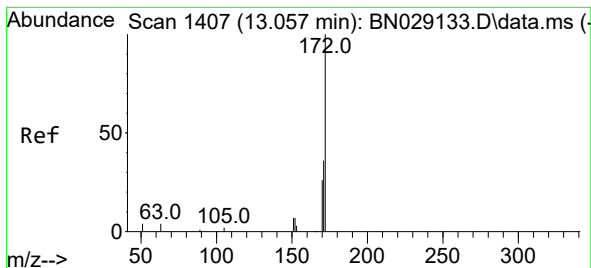
Tgt Ion:164 Resp: 1034
Ion Ratio Lower Upper
164 100
162 111.3 85.0 127.4
160 56.6 45.8 68.8



#14
2,4,6-Tribromophenol
Concen: 0.260 ng
RT: 15.927 min Scan# 1670
Delta R.T. -0.000 min
Lab File: BN029173.D
Acq: 22 Dec 2023 05:17

Tgt Ion:330 Resp: 235
Ion Ratio Lower Upper
330 100
332 99.1 83.4 125.0
141 53.6 43.8 65.8





#15

2-Fluorobiphenyl

Concen: 0.238 ng

RT: 13.057 min Scan# 1407

Delta R.T. -0.000 min

Lab File: BN029173.D

Acq: 22 Dec 2023 05:17

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-04A-320-340-121923

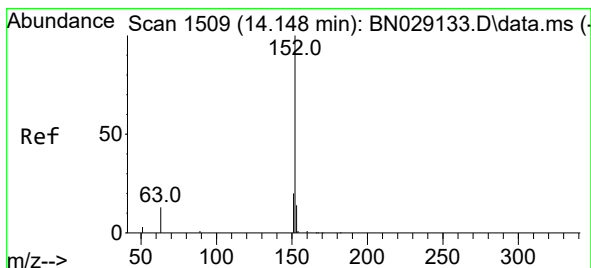
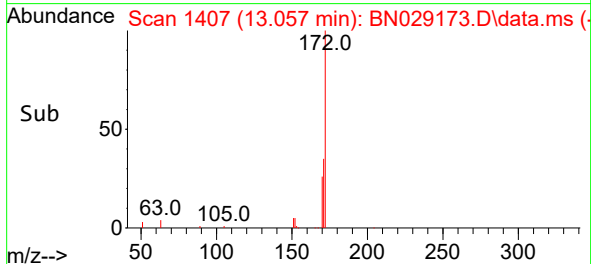
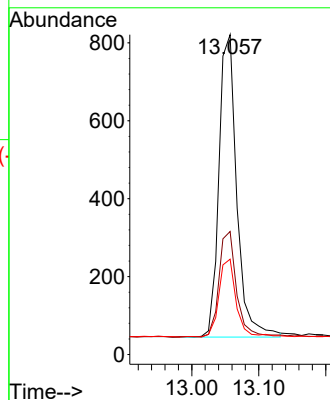
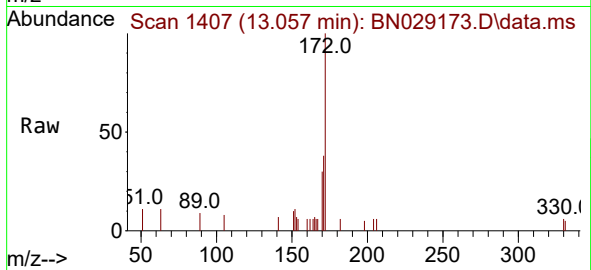
Tgt Ion:172 Resp: 1439

Ion Ratio Lower Upper

172 100

171 38.5 32.2 48.4

170 29.8 25.0 37.4



#16

Acenaphthylene

Concen: 0.029 ng

RT: 14.148 min Scan# 1509

Delta R.T. -0.000 min

Lab File: BN029173.D

Acq: 22 Dec 2023 05:17

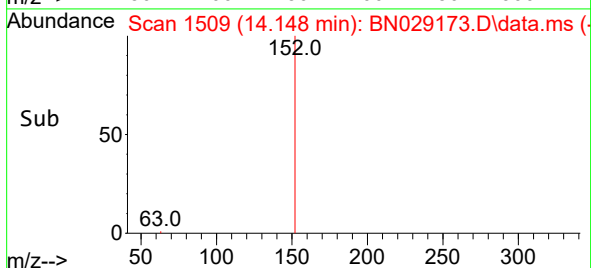
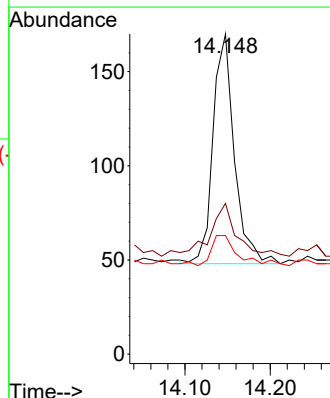
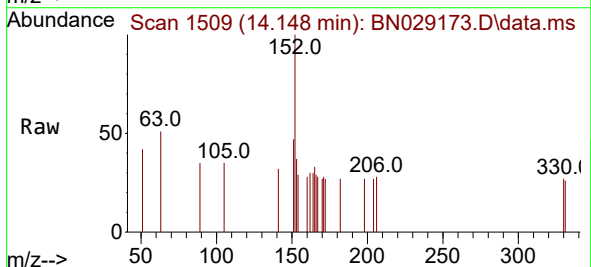
Tgt Ion:152 Resp: 212

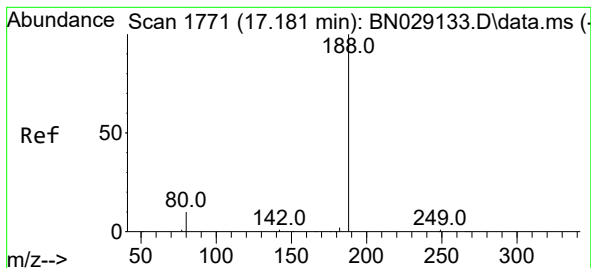
Ion Ratio Lower Upper

152 100

151 29.7 16.3 24.5#

153 17.0 10.1 15.1#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.181 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN029173.D

Acq: 22 Dec 2023 05:17

Instrument :

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ClientSampleId :

GWOW-BR-04A-320-340-121923

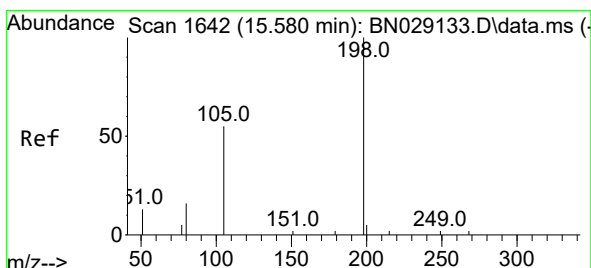
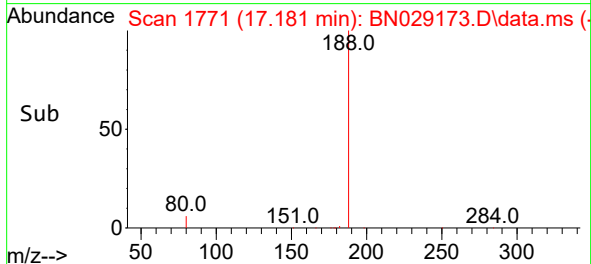
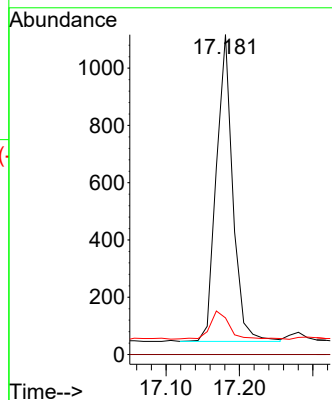
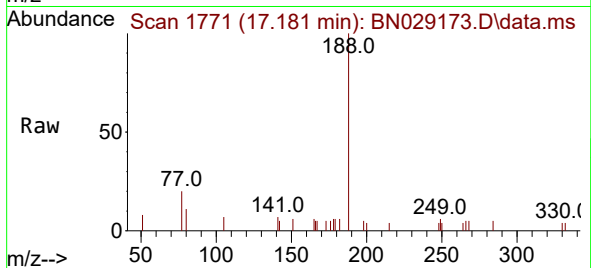
Tgt Ion:188 Resp: 1664

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.5 13.7 20.5#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.073 ng

RT: 15.592 min Scan# 1643

Delta R.T. 0.012 min

Lab File: BN029173.D

Acq: 22 Dec 2023 05:17

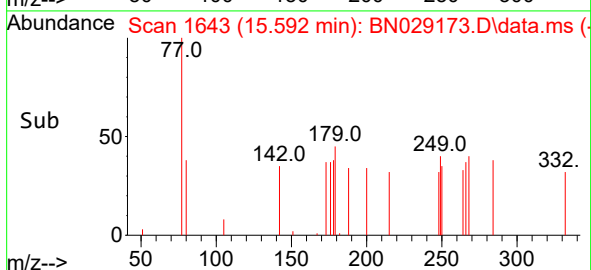
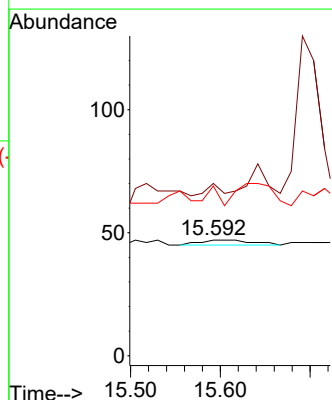
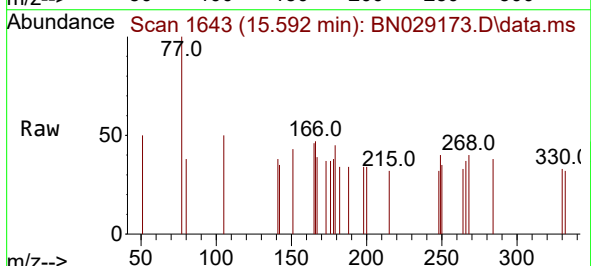
Tgt Ion:198 Resp: 8

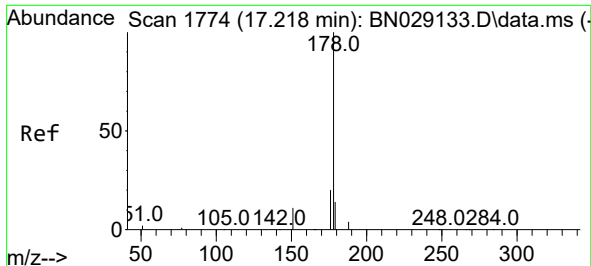
Ion Ratio Lower Upper

198 100

51 148.9 53.6 80.4#

105 146.8 65.6 98.4#

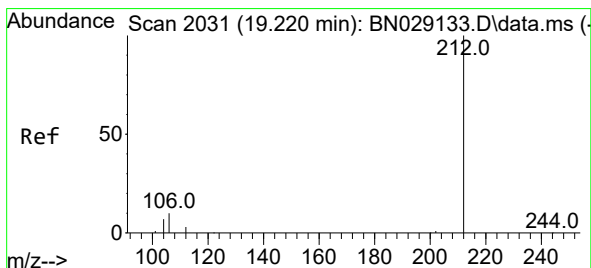
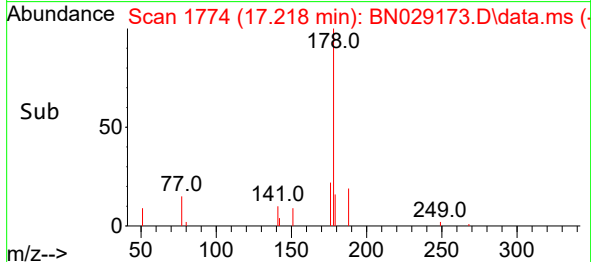
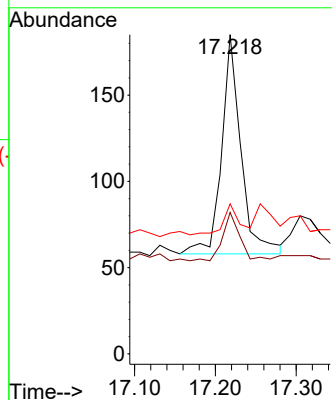
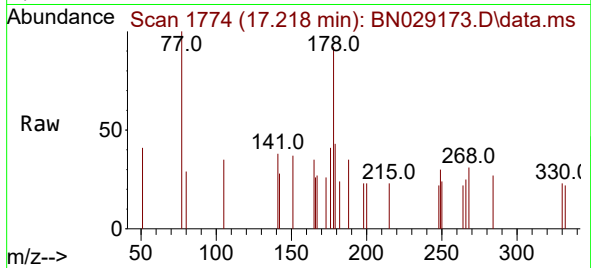




#25
Phenanthrene
Concen: 0.031 ng
RT: 17.218 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029173.D
Acq: 22 Dec 2023 05:17

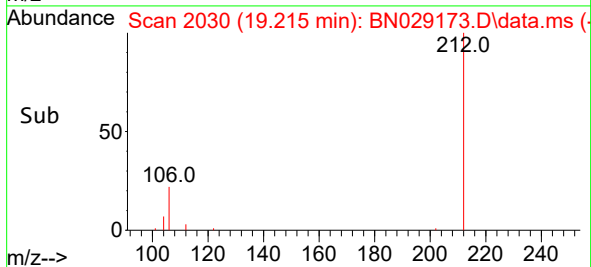
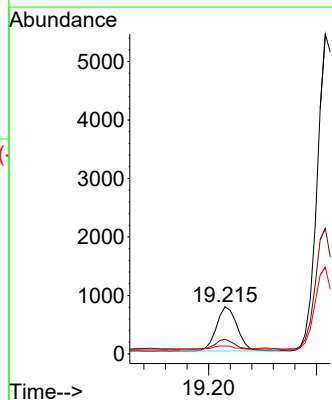
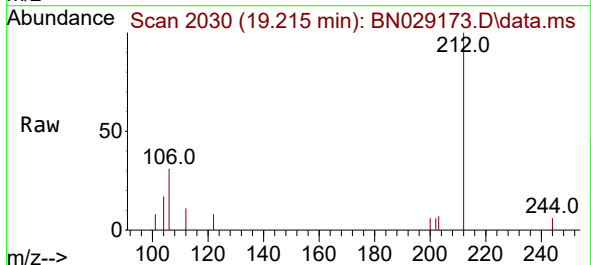
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04A-320-340-121923

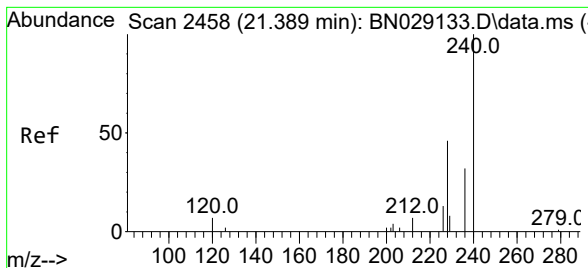
Tgt Ion:178 Resp: 211
Ion Ratio Lower Upper
178 100
176 19.9 17.4 26.0
179 9.5 13.7 20.5#



#27
Fluoranthene-d10
Concen: 0.252 ng
RT: 19.215 min Scan# 2030
Delta R.T. -0.005 min
Lab File: BN029173.D
Acq: 22 Dec 2023 05:17

Tgt Ion:212 Resp: 1014
Ion Ratio Lower Upper
212 100
106 20.4 9.6 14.4#
104 11.1 6.5 9.7#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.385 min Scan# 2458

Delta R.T. -0.004 min

Lab File: BN029173.D

Acq: 22 Dec 2023 05:17

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-04A-320-340-121923

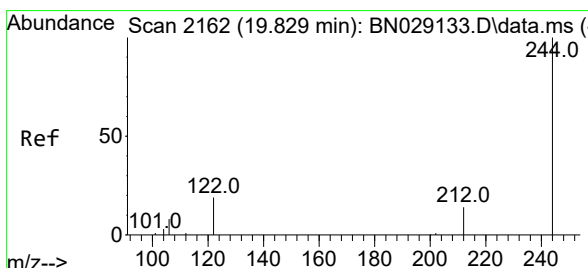
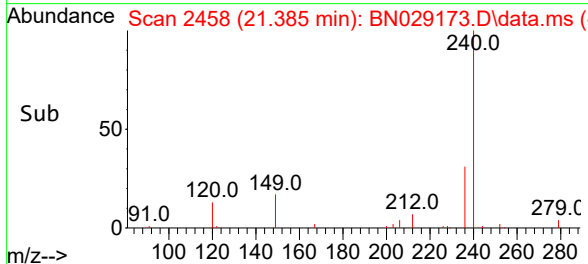
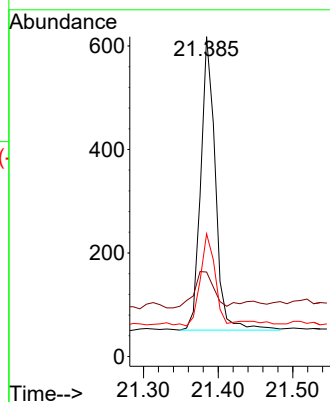
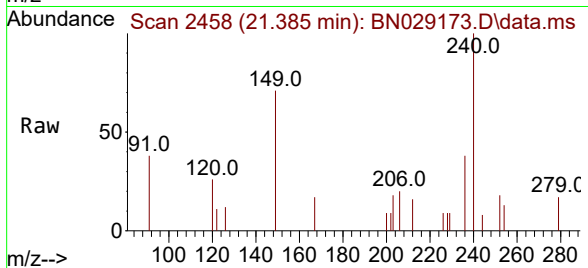
Tgt Ion:240 Resp: 773

Ion Ratio Lower Upper

240 100

120 26.4 21.4 32.0

236 38.3 33.5 50.3



#31

Terphenyl-d14

Concen: 0.292 ng

RT: 19.828 min Scan# 2162

Delta R.T. -0.000 min

Lab File: BN029173.D

Acq: 22 Dec 2023 05:17

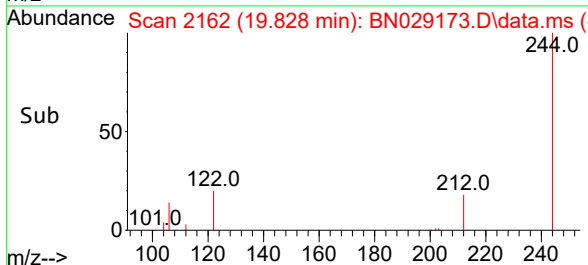
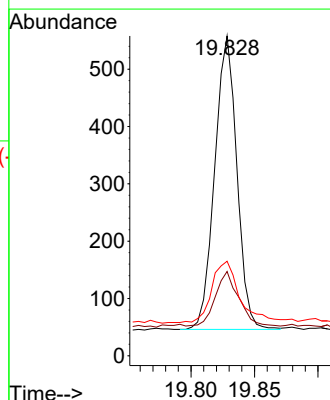
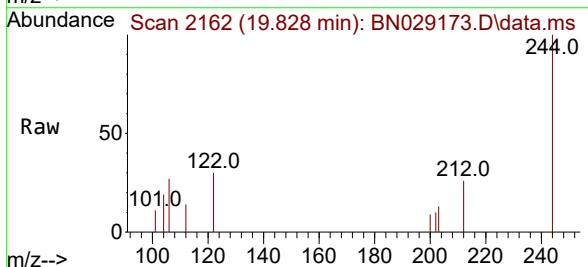
Tgt Ion:244 Resp: 621

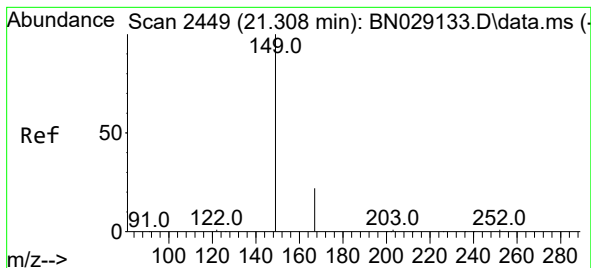
Ion Ratio Lower Upper

244 100

212 26.3 19.0 28.6

122 29.6 22.5 33.7

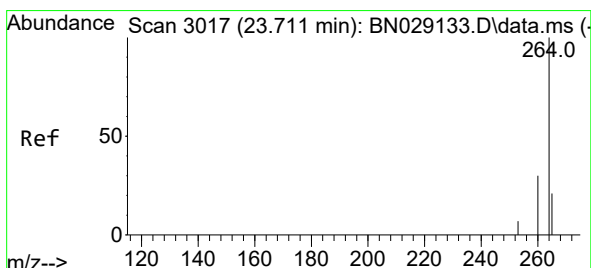
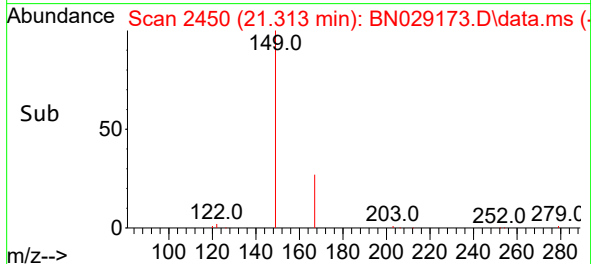
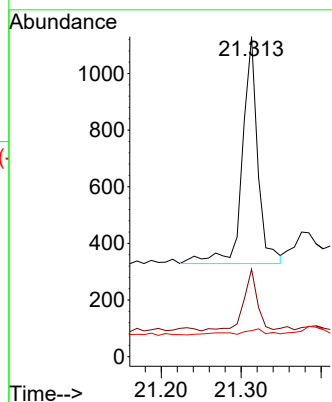
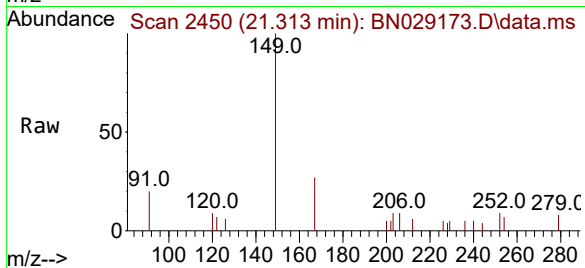




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.166 ng
 RT: 21.313 min Scan# 2449
 Delta R.T. 0.005 min
 Lab File: BN029173.D
 Acq: 22 Dec 2023 05:17

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-04A-320-340-121923

Tgt Ion:149 Resp: 1074
 Ion Ratio Lower Upper
 149 100
 167 24.5 20.2 30.2
 279 2.6 2.5 3.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.707 min Scan# 3017
 Delta R.T. -0.004 min
 Lab File: BN029173.D
 Acq: 22 Dec 2023 05:17

Tgt Ion:264 Resp: 1014
 Ion Ratio Lower Upper
 264 100
 260 33.1 31.0 46.6
 265 108.0 105.3 157.9

