

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
 Data File : BN033236.D
 Acq On : 03 Aug 2024 13:24
 Operator : MA/JU
 Sample : P3410-01DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW-S-864-9-14-073024DL

Quant Time: Aug 05 03:27:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 02 22:49:47 2024
 Response via : Initial Calibration

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

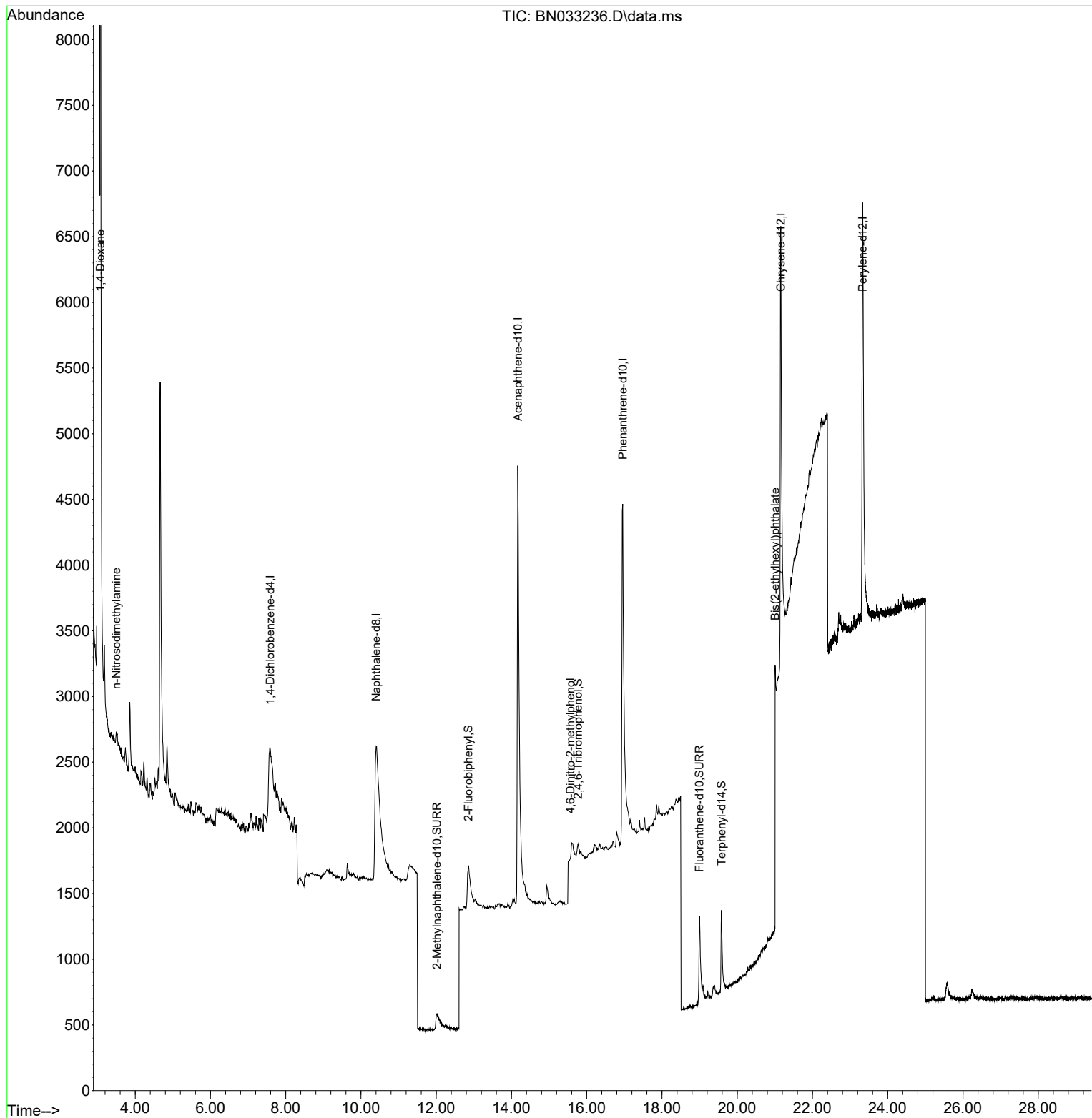
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1174	0.400	ng	# 0.09
7) Naphthalene-d8	10.404	136	6952	0.400	ng	# 0.12
13) Acenaphthene-d10	14.169	164	4609	0.400	ng	0.03
19) Phenanthrene-d10	16.957	188	8580	0.400	ng	# 0.04
29) Chrysene-d12	21.160	240	5991	0.400	ng	0.03
35) Perylene-d12	23.335	264	6680	0.400	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.293	112	39	0.013	ng	0.05
5) Phenol-d6	6.968	99	2	0.001	ng	0.09
8) Nitrobenzene-d5	8.909	82	8	0.002	ng	0.10
11) 2-Methylnaphthalene-d10	12.018	152	525	0.049	ng	0.12
14) 2,4,6-Tribromophenol	15.766	330	93	0.047	ng	0.05
15) 2-Fluorobiphenyl	12.854	172	1204	0.070	ng	0.06
27) Fluoranthene-d10	18.997	212	1514	0.068	ng	0.04
31) Terphenyl-d14	19.582	244	1249	0.102	ng	0.02
Target Compounds						
2) 1,4-Dioxane	3.075	88	4224	2.904	ng	# 89
3) n-Nitrosodimethylamine	3.494	42	43	0.035	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.567	198	1	0.294	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.008	149	1488	0.142	ng	# 79

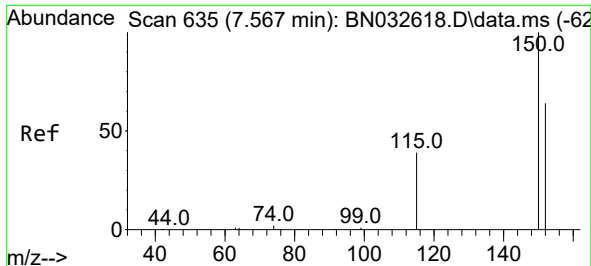
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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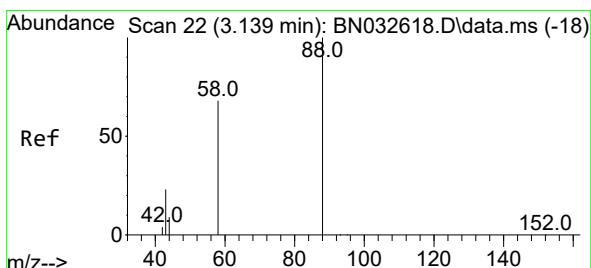
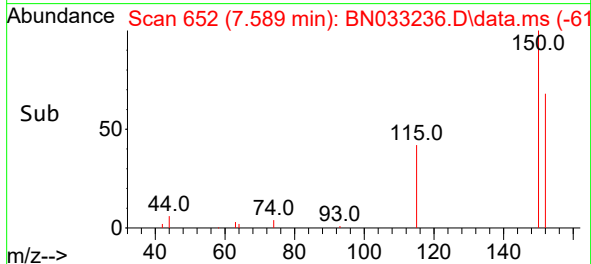
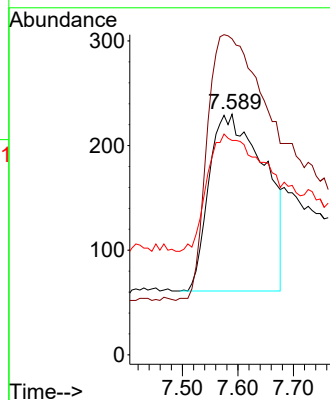
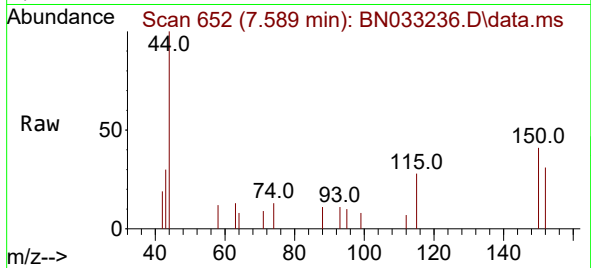




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. 0.086 min
 Lab File: BN033236.D
 Acq: 03 Aug 2024 13:24

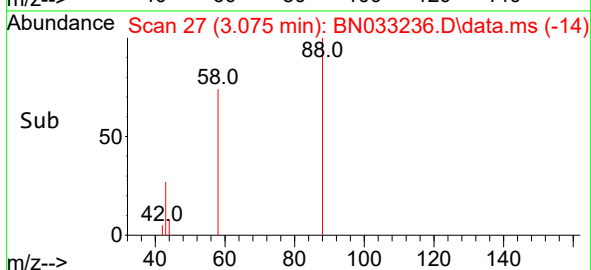
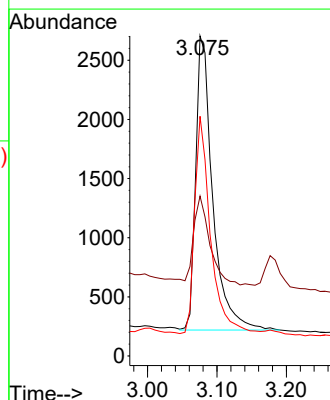
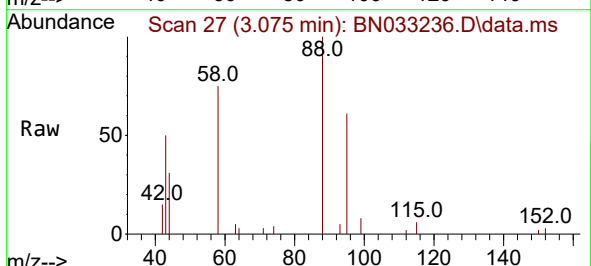
Instrument :
 BNA_N
 ClientSampleId :
 GW-S-864-9-14-073024DL

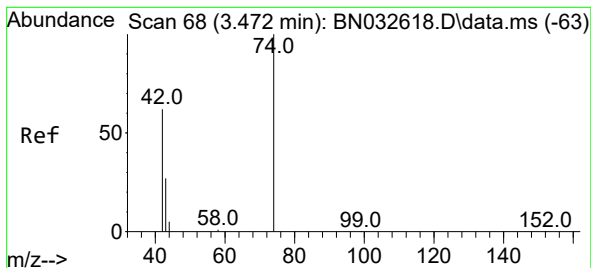
Tgt Ion:152 Resp: 1174
 Ion Ratio Lower Upper
 152 100
 150 131.3 123.8 185.6
 115 89.1 52.8 79.2#



#2
 1,4-Dioxane
 Concen: 2.904 ng
 RT: 3.075 min Scan# 27
 Delta R.T. -0.007 min
 Lab File: BN033236.D
 Acq: 03 Aug 2024 13:24

Tgt Ion: 88 Resp: 4224
 Ion Ratio Lower Upper
 88 100
 43 29.4 18.4 27.6#
 58 69.1 49.2 73.8





#3

n-Nitrosodimethylamine

Concen: 0.035 ng

RT: 3.494 min Scan# 81

Delta R.T. 0.022 min

Lab File: BN033236.D

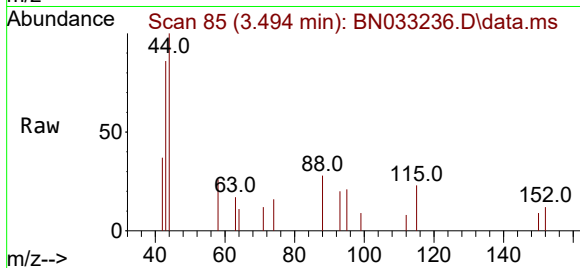
Acq: 03 Aug 2024 13:24

Instrument :

BNA_N

ClientSampleId :

GW-S-864-9-14-073024DL



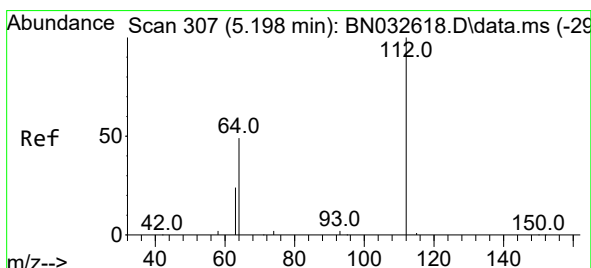
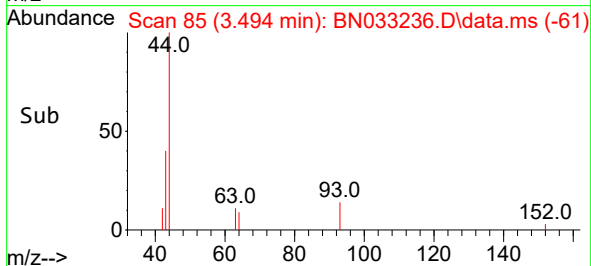
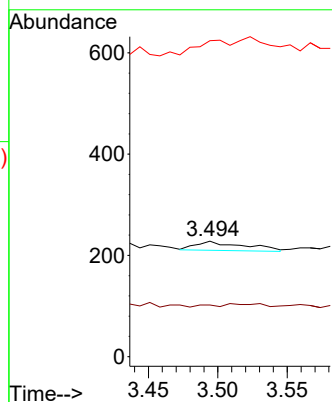
Tgt Ion: 42 Resp: 43

Ion Ratio Lower Upper

42 100

74 37.2 126.9 190.3#

44 127.9 4.8 7.2#



#4

2-Fluorophenol

Concen: 0.013 ng

RT: 5.293 min Scan# 334

Delta R.T. 0.051 min

Lab File: BN033236.D

Acq: 03 Aug 2024 13:24

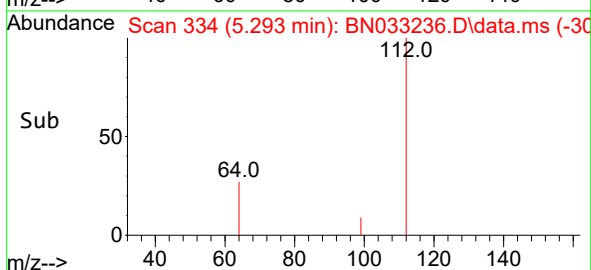
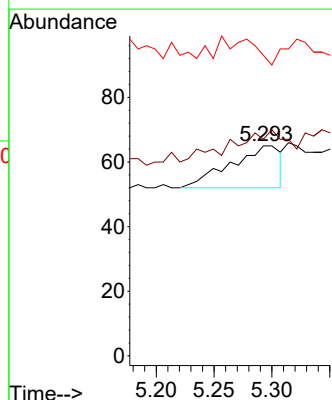
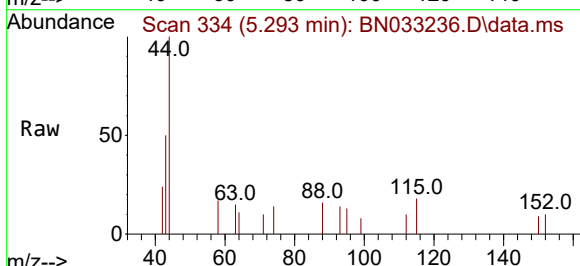
Tgt Ion: 112 Resp: 39

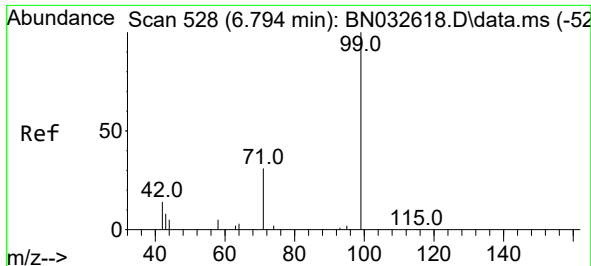
Ion Ratio Lower Upper

112 100

64 84.6 40.2 60.4#

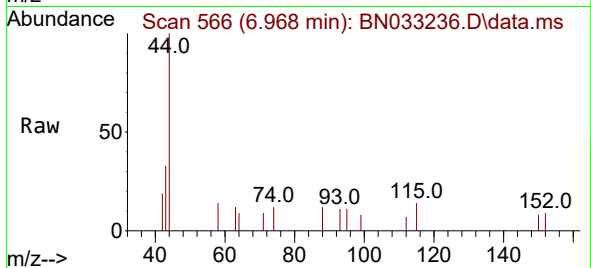
63 0.0 22.2 33.4#



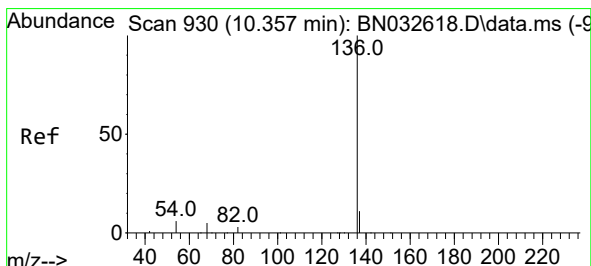
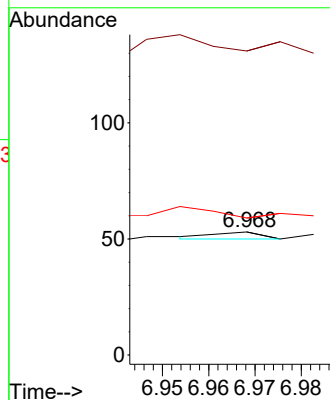
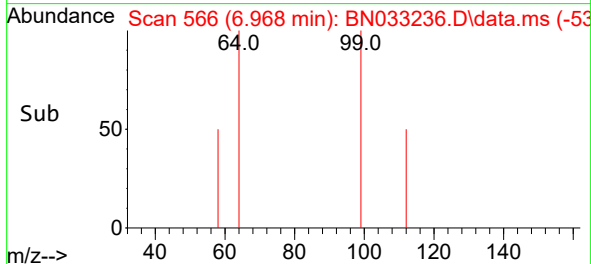


#5
Phenol-d6
Concen: 0.001 ng
RT: 6.968 min Scan# 51
Delta R.T. 0.087 min
Lab File: BN033236.D
Acq: 03 Aug 2024 13:24

Instrument :
BNA_N
ClientSampleId :
GW-S-864-9-14-073024DL

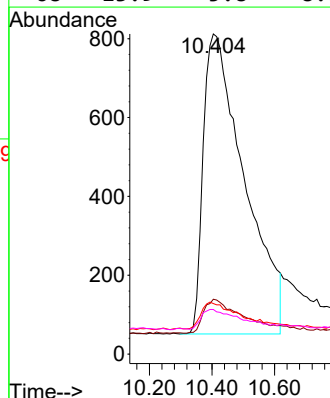
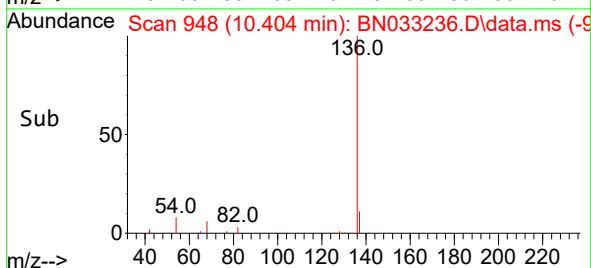
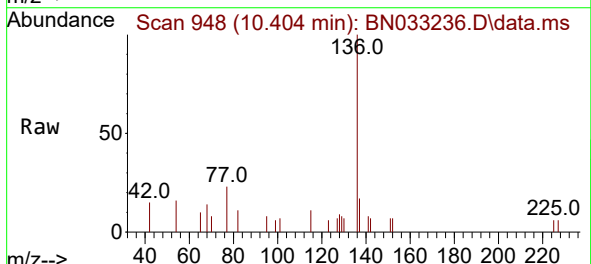


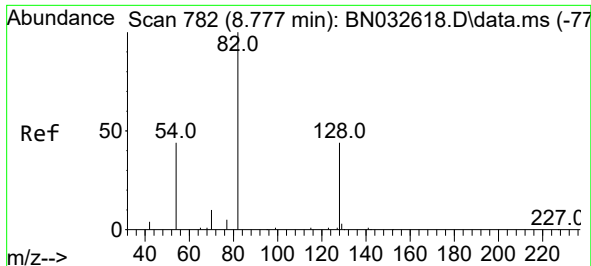
Tgt Ion: 99 Resp: 2
Ion Ratio Lower Upper
99 100
42 650.0 10.5 15.7#
71 250.0 22.3 33.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.404 min Scan# 948
Delta R.T. 0.117 min
Lab File: BN033236.D
Acq: 03 Aug 2024 13:24

Tgt Ion: 136 Resp: 6952
Ion Ratio Lower Upper
136 100
137 17.1 9.9 14.9#
54 15.8 6.5 9.7#
68 13.9 5.8 8.8#

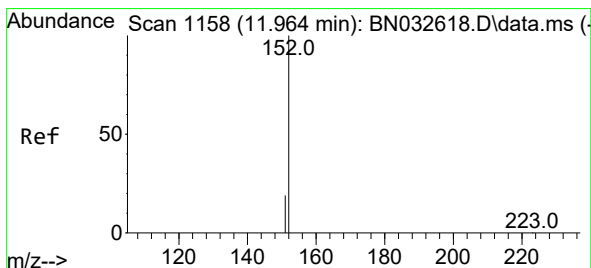
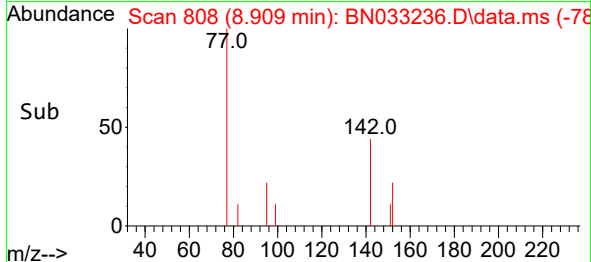
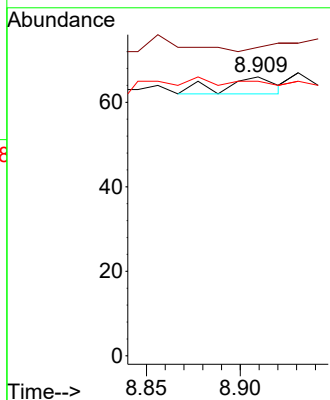
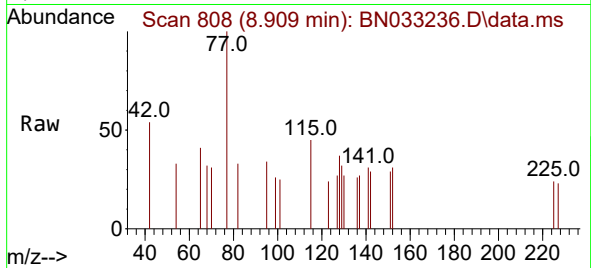




#8
Nitrobenzene-d5
Concen: 0.002 ng
RT: 8.909 min Scan# 80
Delta R.T. 0.096 min
Lab File: BN033236.D
Acq: 03 Aug 2024 13:24

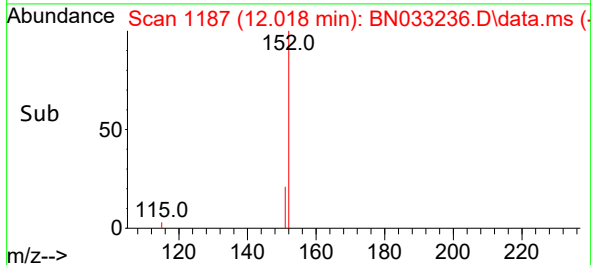
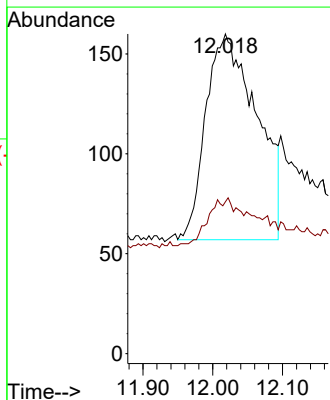
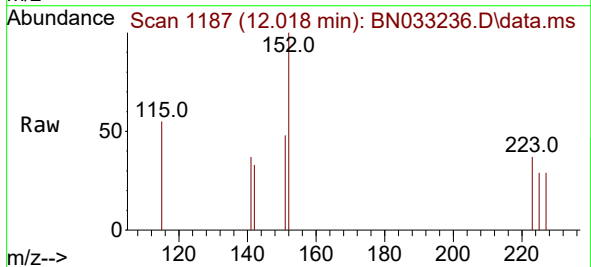
Instrument :
BNA_N
ClientSampleId :
GW-S-864-9-14-073024DL

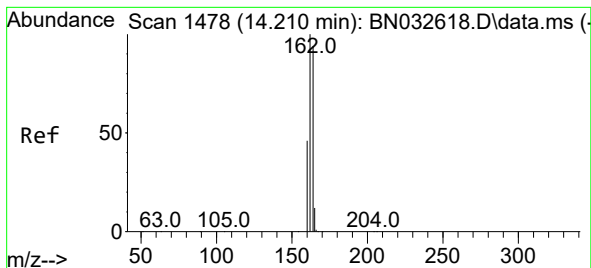
Tgt Ion: 82 Resp: 8
Ion Ratio Lower Upper
82 100
128 110.6 41.7 62.5#
54 98.5 39.5 59.3#



#11
2-Methylnaphthalene-d10
Concen: 0.049 ng
RT: 12.018 min Scan# 1187
Delta R.T. 0.117 min
Lab File: BN033236.D
Acq: 03 Aug 2024 13:24

Tgt Ion: 152 Resp: 525
Ion Ratio Lower Upper
152 100
151 7.2 16.2 24.2#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.169 min Scan# 1478

Delta R.T. 0.032 min

Lab File: BN033236.D

Acq: 03 Aug 2024 13:24

Instrument :

BNA_N

ClientSampleId :

GW-S-864-9-14-073024DL

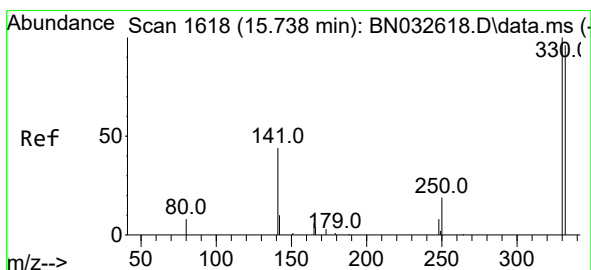
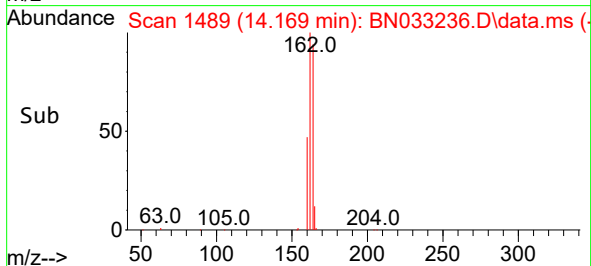
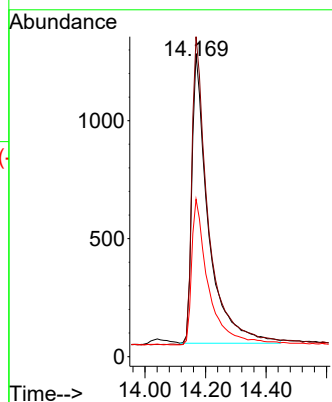
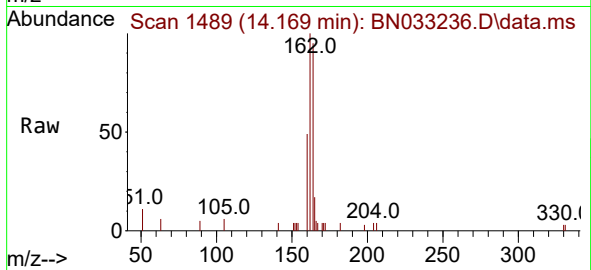
Tgt Ion:164 Resp: 4609

Ion Ratio Lower Upper

164 100

162 105.5 85.0 127.4

160 51.9 39.4 59.2



#14

2,4,6-Tribromophenol

Concen: 0.047 ng

RT: 15.766 min Scan# 1635

Delta R.T. 0.050 min

Lab File: BN033236.D

Acq: 03 Aug 2024 13:24

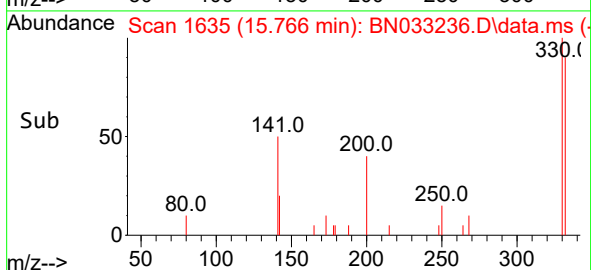
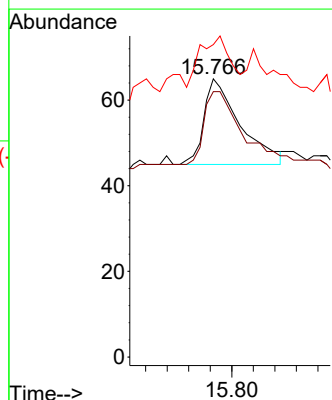
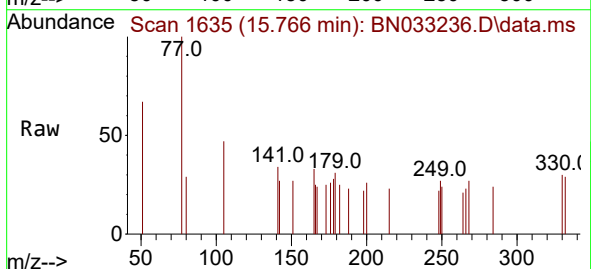
Tgt Ion:330 Resp: 93

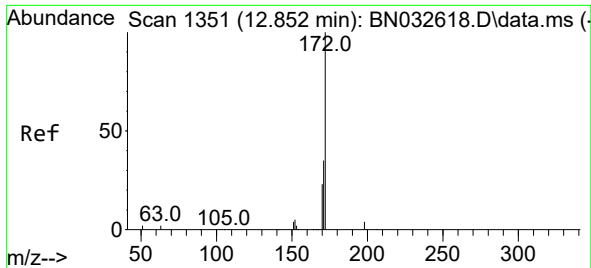
Ion Ratio Lower Upper

330 100

332 87.1 77.8 116.8

141 48.4 34.2 51.2

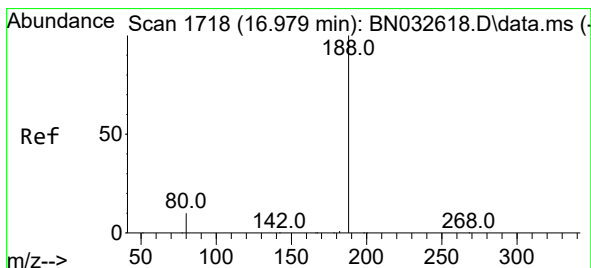
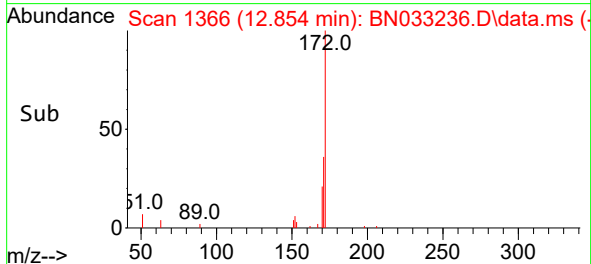
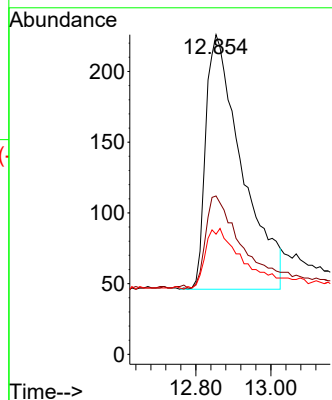
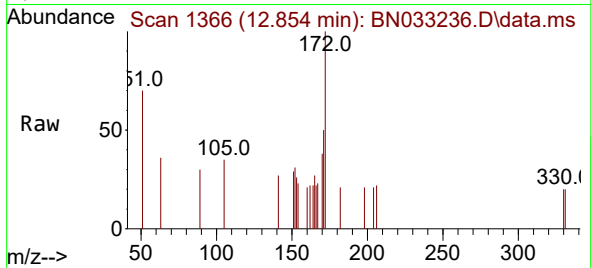




#15
2-Fluorobiphenyl
Concen: 0.070 ng
RT: 12.854 min Scan# 11
Delta R.T. 0.064 min
Lab File: BN033236.D
Acq: 03 Aug 2024 13:24

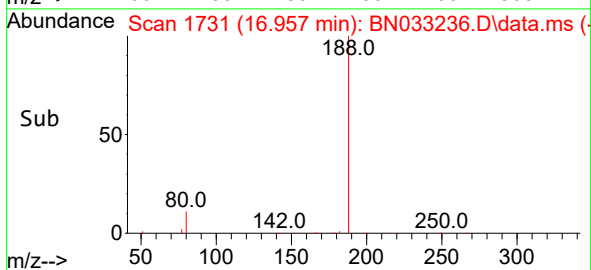
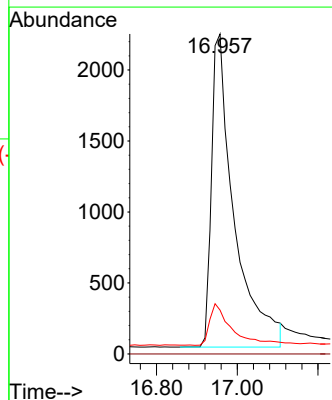
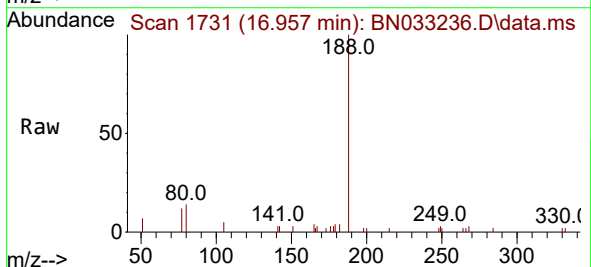
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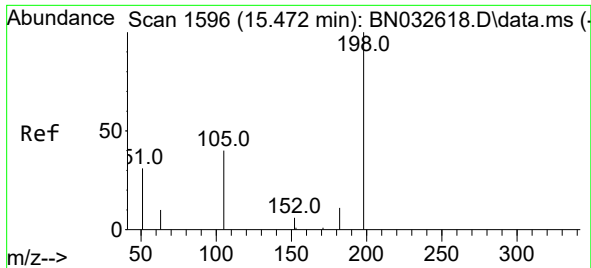
Tgt Ion:172 Resp: 1204
Ion Ratio Lower Upper
172 100
171 49.6 28.6 43.0#
170 37.6 19.0 28.6#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.957 min Scan# 1731
Delta R.T. 0.037 min
Lab File: BN033236.D
Acq: 03 Aug 2024 13:24

Tgt Ion:188 Resp: 8580
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.7 8.8 13.2#

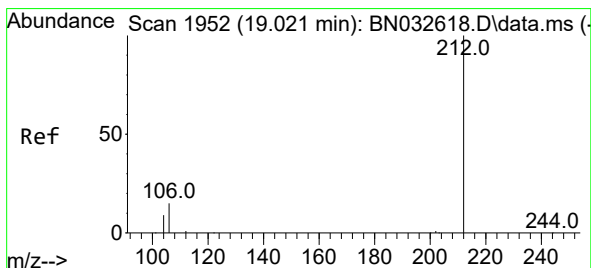
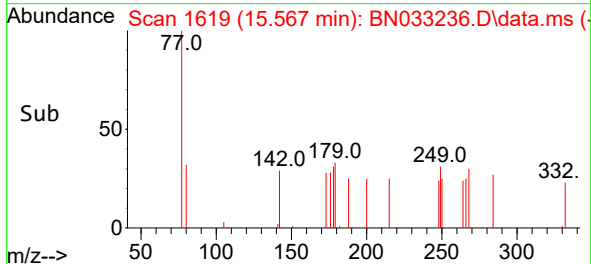
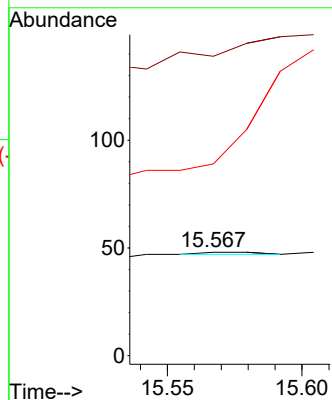
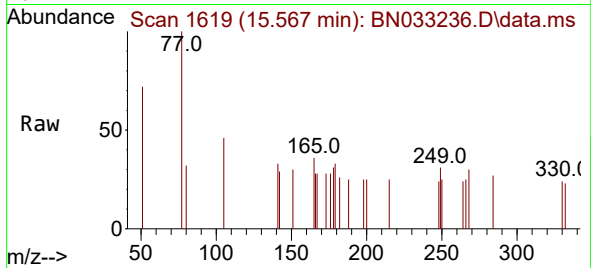




#20
4,6-Dinitro-2-methylphenol
Concen: 0.294 ng
RT: 15.567 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN033236.D
Acq: 03 Aug 2024 13:24

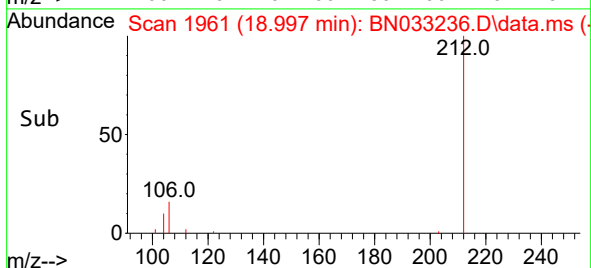
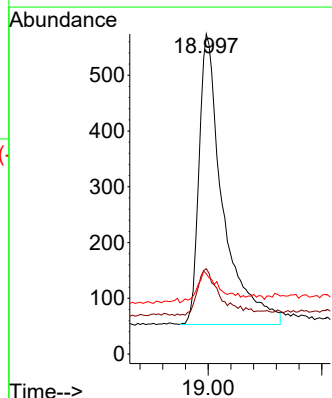
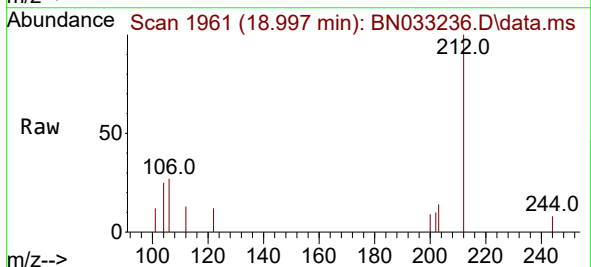
Instrument :
BNA_N
ClientSampleId :
GW-S-864-9-14-073024DL

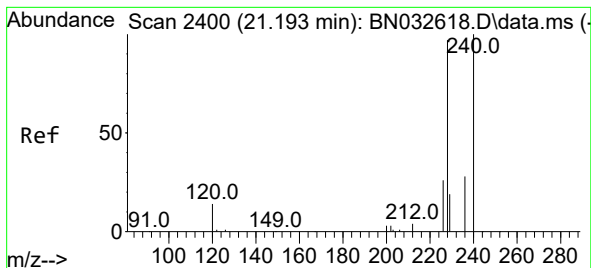
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 289.6 105.7 158.5#
105 185.4 63.0 94.6#



#27
Fluoranthene-d10
Concen: 0.068 ng
RT: 18.997 min Scan# 1961
Delta R.T. 0.037 min
Lab File: BN033236.D
Acq: 03 Aug 2024 13:24

Tgt Ion:212 Resp: 1514
Ion Ratio Lower Upper
212 100
106 15.2 11.9 17.9
104 8.7 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.160 min Scan# 2411

Delta R.T. 0.027 min

Lab File: BN033236.D

Acq: 03 Aug 2024 13:24

Instrument :

BNA_N

ClientSampleId :

GW-S-864-9-14-073024DL

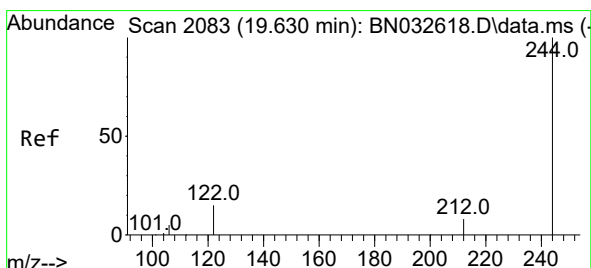
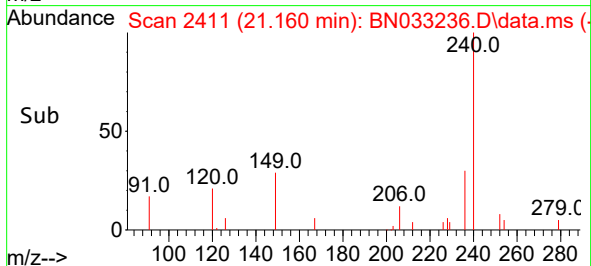
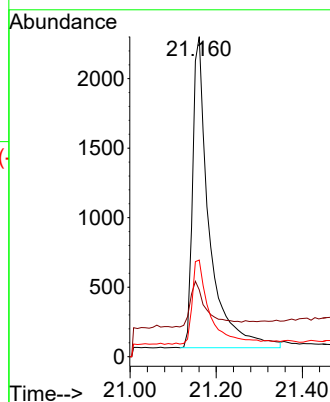
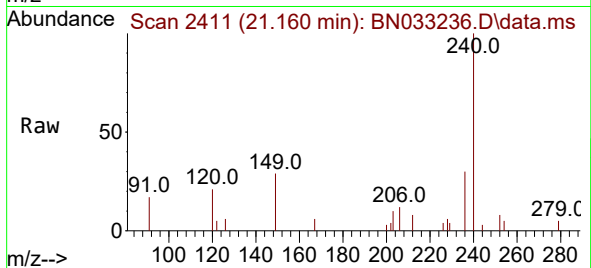
Tgt Ion:240 Resp: 5991

Ion Ratio Lower Upper

240 100

120 20.9 14.8 22.2

236 30.2 23.3 34.9



#31

Terphenyl-d14

Concen: 0.102 ng

RT: 19.582 min Scan# 2087

Delta R.T. 0.019 min

Lab File: BN033236.D

Acq: 03 Aug 2024 13:24

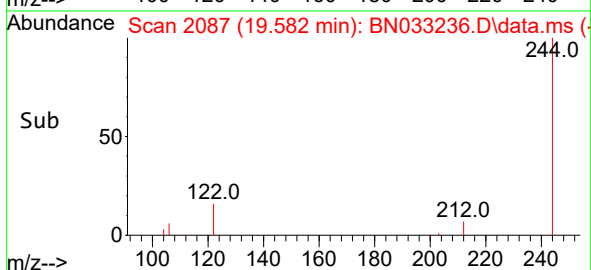
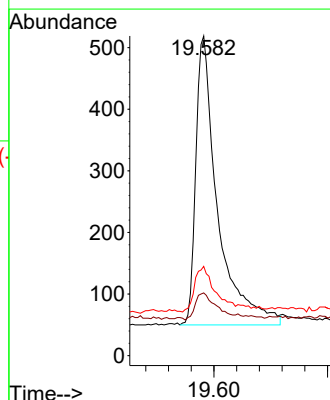
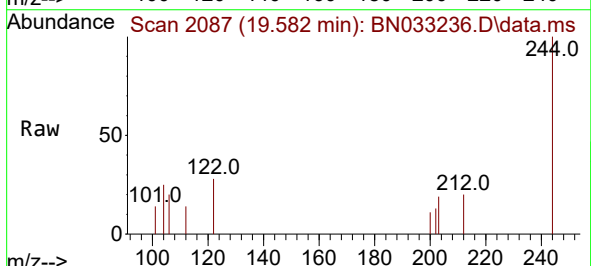
Tgt Ion:244 Resp: 1249

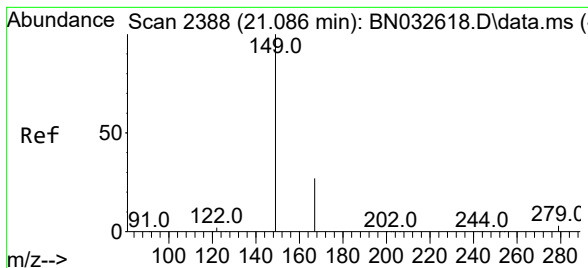
Ion Ratio Lower Upper

244 100

212 19.7 7.5 11.3#

122 27.9 12.6 19.0#

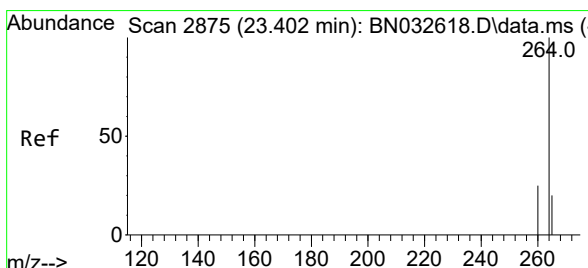
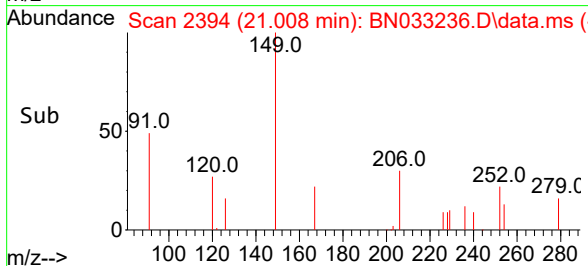
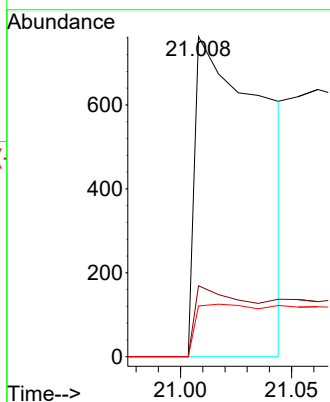
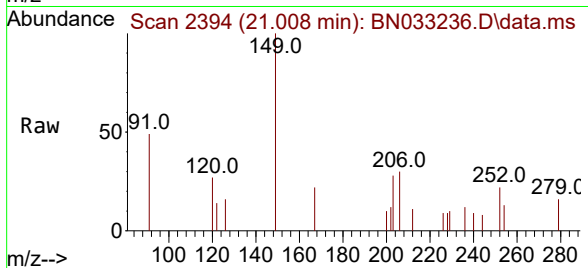




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.142 ng
RT: 21.008 min Scan# 21008
Delta R.T. 0.000 min
Lab File: BN033236.D
Acq: 03 Aug 2024 13:24

Instrument :
BNA_N
ClientSampleId :
GW-S-864-9-14-073024DL

Tgt Ion:149 Resp: 1488
Ion Ratio Lower Upper
149 100
167 16.9 21.4 32.2#
279 14.0 2.8 4.2#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.335 min Scan# 2868
Delta R.T. 0.020 min
Lab File: BN033236.D
Acq: 03 Aug 2024 13:24

Tgt Ion:264 Resp: 6680
Ion Ratio Lower Upper
264 100
260 27.2 20.9 31.3
265 107.1 85.4 128.2

