

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
 Data File : BN033238.D
 Acq On : 03 Aug 2024 14:36
 Operator : MA/JU
 Sample : SP6586
 Misc : 8270 SIM SURROGATES
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP6586

Quant Time: Aug 05 03:27:39 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)

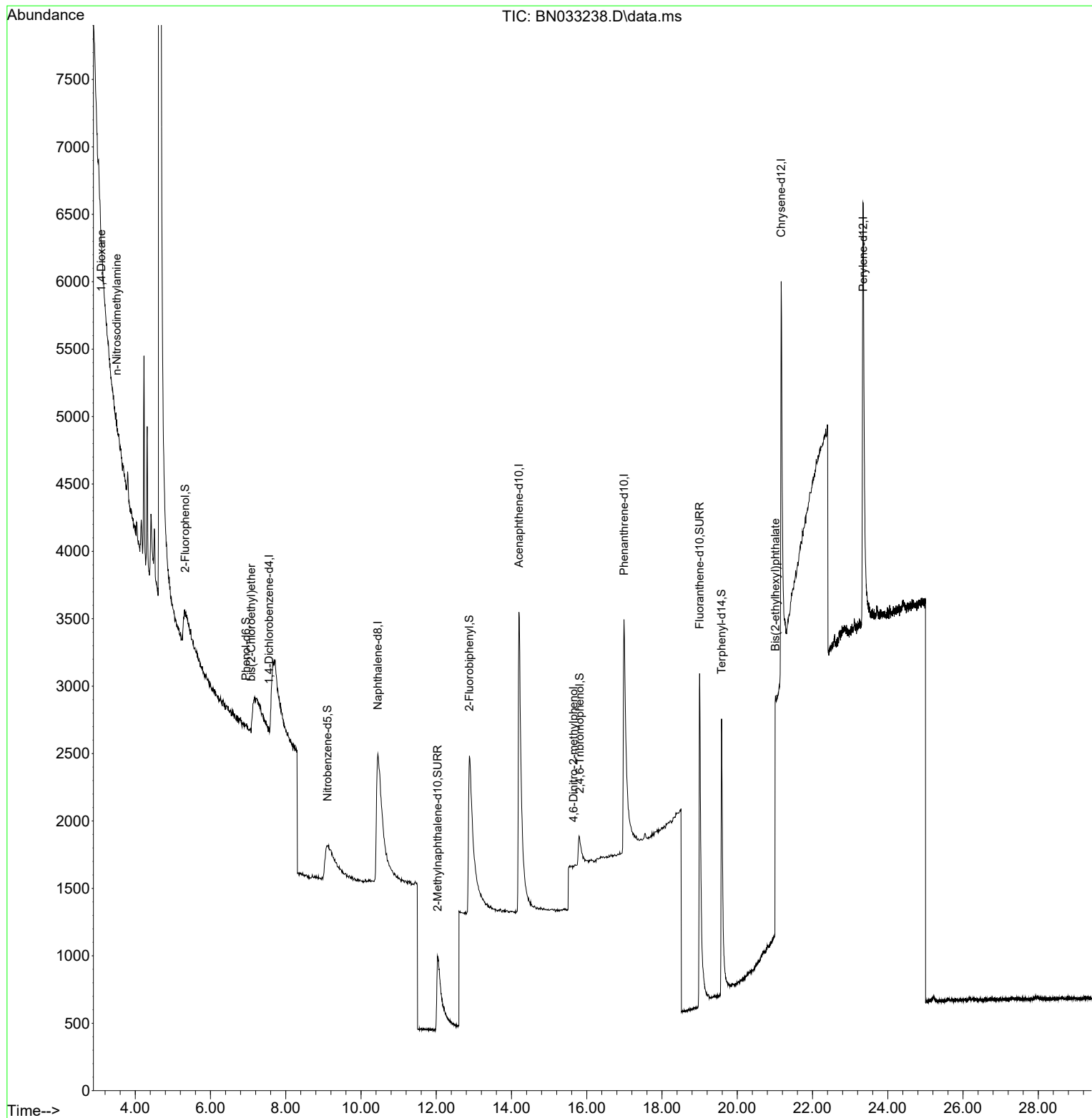
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	9	0.400	ng	# 0.06
7) Naphthalene-d8	10.447	136	5978	0.400	ng	# 0.16
13) Acenaphthene-d10	14.197	164	3987	0.400	ng	0.06
19) Phenanthrene-d10	16.989	188	7512	0.400	ng	# 0.07
29) Chrysene-d12	21.167	240	5867	0.400	ng	# 0.03
35) Perylene-d12	23.342	264	7187	0.400	ng	0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.329	112	484	21.261	ng	0.09
5) Phenol-d6	6.939	99	9	0.318	ng	0.06
8) Nitrobenzene-d5	9.112	82	1140	0.253	ng	0.30
11) 2-Methylnaphthalene-d10	12.033	152	3195	0.349	ng	0.13
14) 2,4,6-Tribromophenol	15.810	330	354	0.208	ng	0.09
15) 2-Fluorobiphenyl	12.882	172	4934	0.332	ng	0.09
27) Fluoranthene-d10	18.999	212	6615	0.340	ng	0.04
31) Terphenyl-d14	19.584	244	4593	0.382	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.097	88	7	0.628	ng	# 29
3) n-Nitrosodimethylamine	3.509	42	16	1.698	ng	# 1
6) bis(2-Chloroethyl)ether	7.084	93	15	0.635	ng	# 75
20) 4,6-Dinitro-2-methylph...	15.648	198	6	0.297	ng	# 25
34) Bis(2-ethylhexyl)phtha...	21.015	149	1075	0.105	ng	# 76

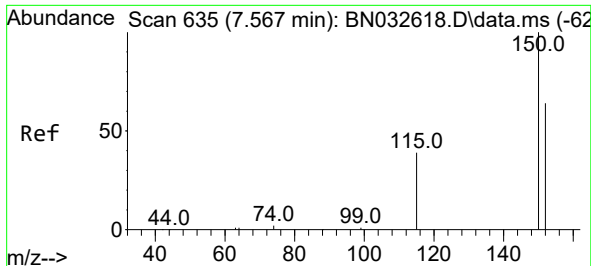
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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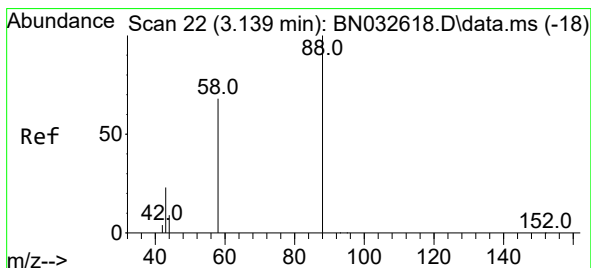
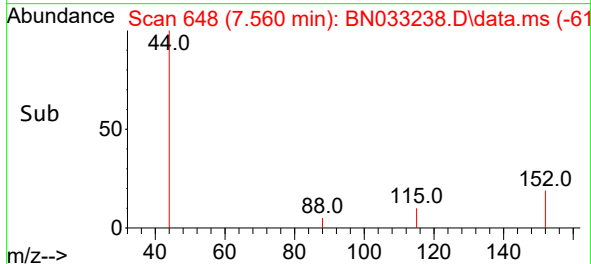
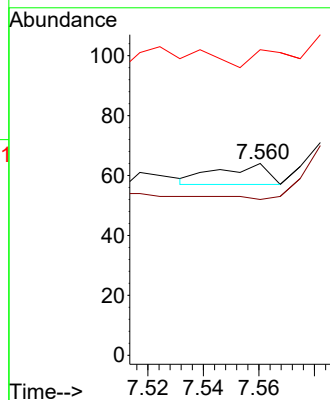
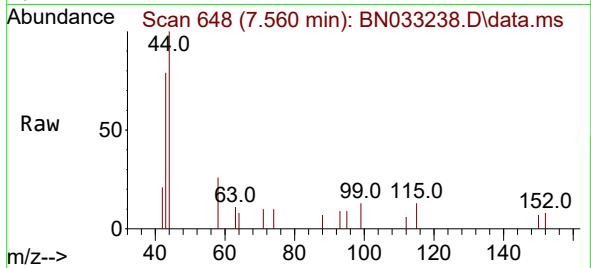




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.560 min Scan# 64
 Delta R.T. 0.057 min
 Lab File: BN033238.D
 Acq: 03 Aug 2024 14:36

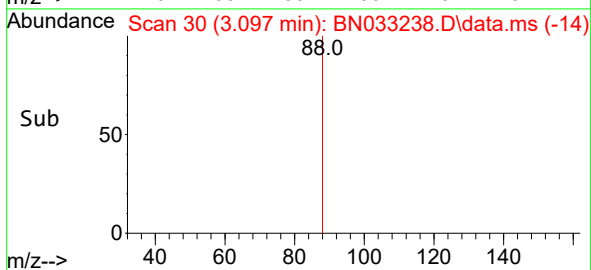
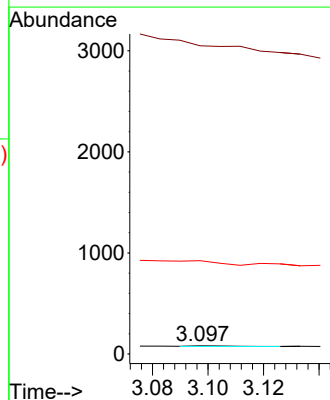
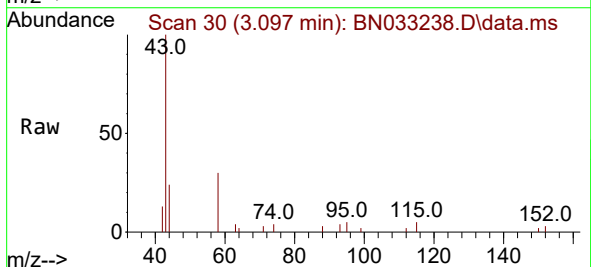
Instrument :
 BNA_N
 ClientSampleId :
 SP6586

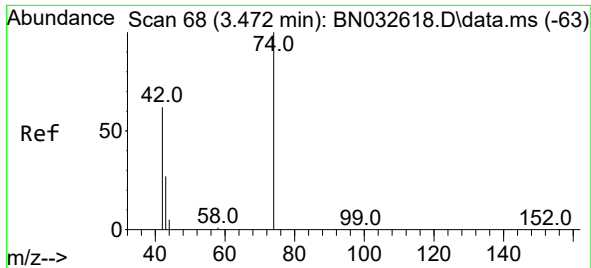
Tgt Ion:152 Resp: 9
 Ion Ratio Lower Upper
 152 100
 150 81.3 123.8 185.6#
 115 159.4 52.8 79.2#



#2
 1,4-Dioxane
 Concen: 0.628 ng
 RT: 3.097 min Scan# 30
 Delta R.T. 0.014 min
 Lab File: BN033238.D
 Acq: 03 Aug 2024 14:36

Tgt Ion: 88 Resp: 7
 Ion Ratio Lower Upper
 88 100
 43 0.0 18.4 27.6#
 58 0.0 49.2 73.8#

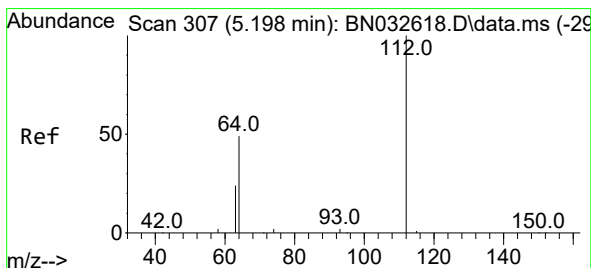
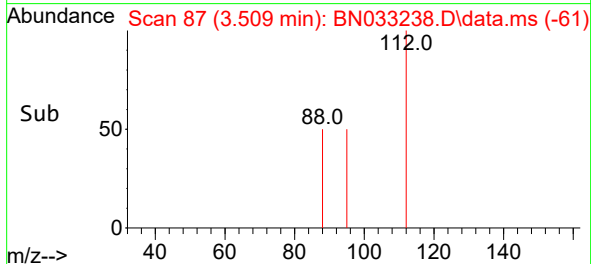
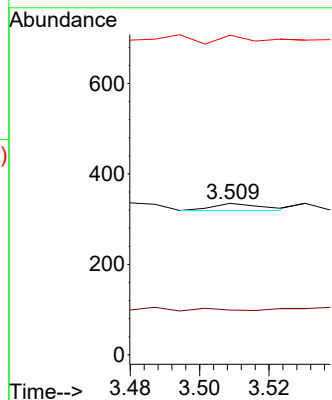
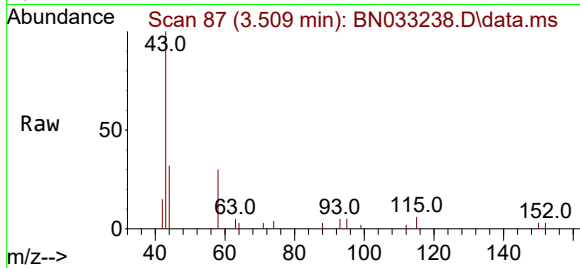




#3
n-Nitrosodimethylamine
Concen: 1.698 ng
RT: 3.509 min Scan# 81
Delta R.T. 0.036 min
Lab File: BN033238.D
Acq: 03 Aug 2024 14:36

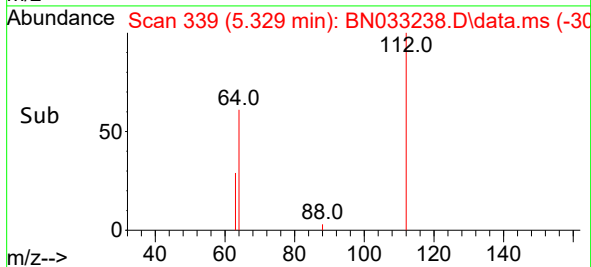
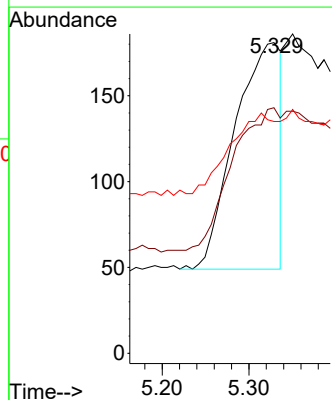
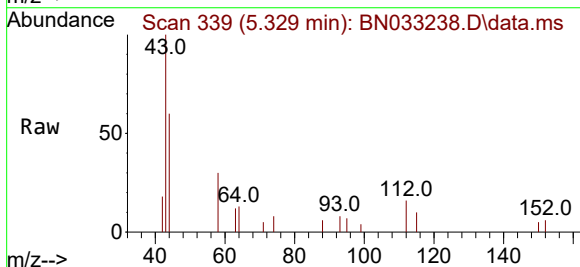
Instrument :
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ClientSampleId :
SP6586

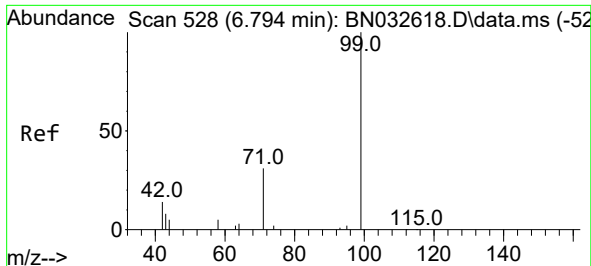
Tgt Ion: 42 Resp: 16
Ion Ratio Lower Upper
42 100
74 0.0 126.9 190.3#
44 0.0 4.8 7.2#



#4
2-Fluorophenol
Concen: 21.261 ng
RT: 5.329 min Scan# 339
Delta R.T. 0.087 min
Lab File: BN033238.D
Acq: 03 Aug 2024 14:36

Tgt Ion: 112 Resp: 484
Ion Ratio Lower Upper
112 100
64 65.1 40.2 60.4#
63 33.3 22.2 33.4

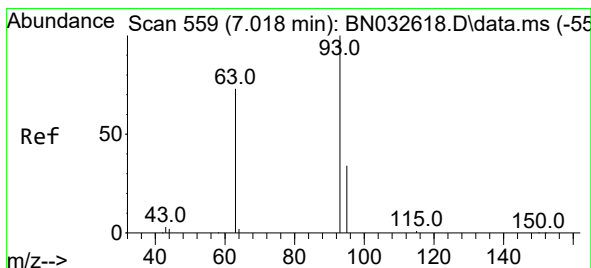
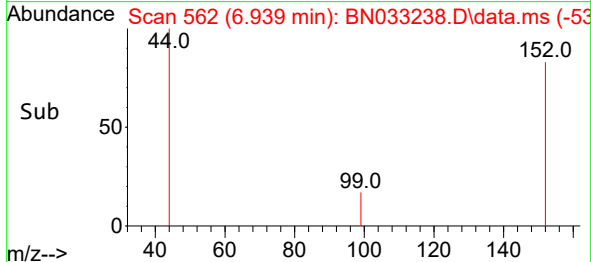
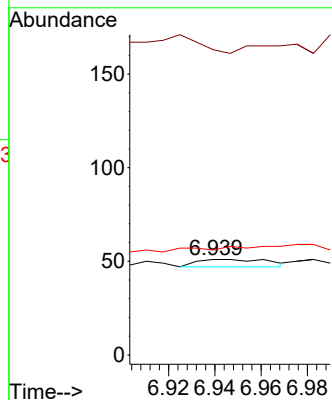
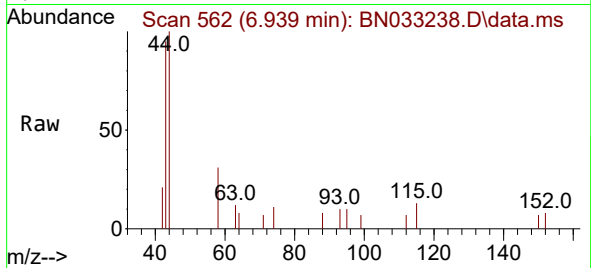




#5
Phenol-d6
Concen: 0.318 ng
RT: 6.939 min Scan# 501
Delta R.T. 0.058 min
Lab File: BN033238.D
Acq: 03 Aug 2024 14:36

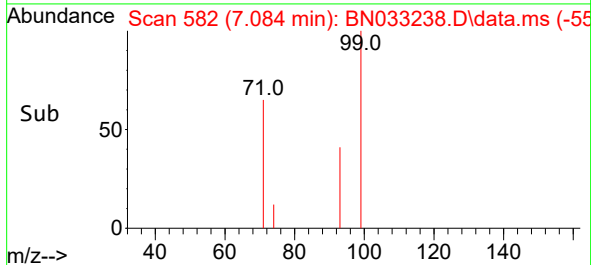
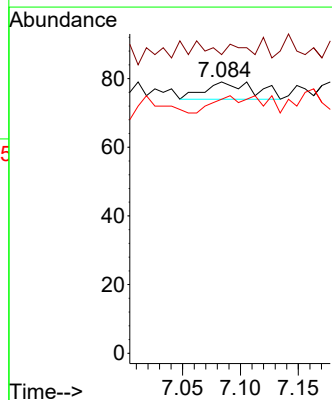
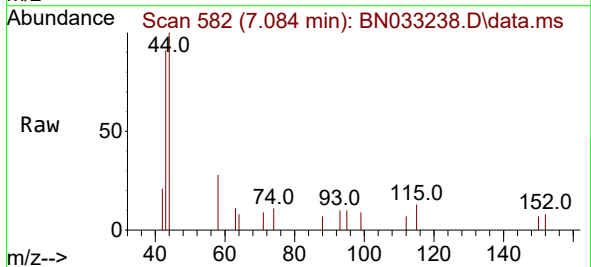
Instrument :
BNA_N
ClientSampleId :
SP6586

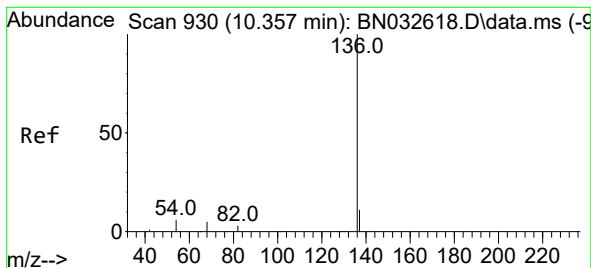
Tgt Ion: 99 Resp: 9
Ion Ratio Lower Upper
99 100
42 133.3 10.5 15.7#
71 33.3 22.3 33.5



#6
bis(2-Chloroethyl)ether
Concen: 0.635 ng
RT: 7.084 min Scan# 582
Delta R.T. 0.072 min
Lab File: BN033238.D
Acq: 03 Aug 2024 14:36

Tgt Ion: 93 Resp: 15
Ion Ratio Lower Upper
93 100
63 40.0 46.4 69.6#
95 46.7 25.5 38.3#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.447 min Scan# 91

Delta R.T. 0.160 min

Lab File: BN033238.D

Acq: 03 Aug 2024 14:36

Instrument :

BNA_N

ClientSampleId :

SP6586

Tgt Ion:136 Resp: 5978

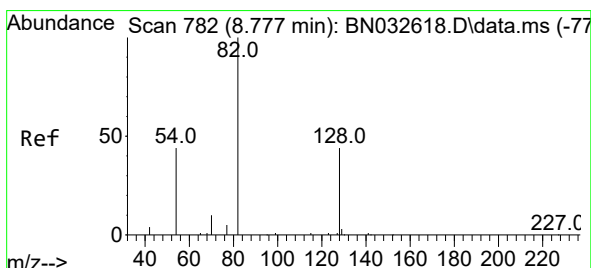
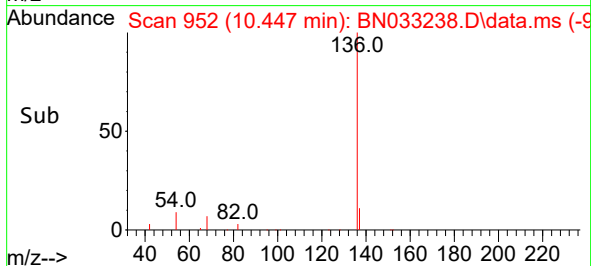
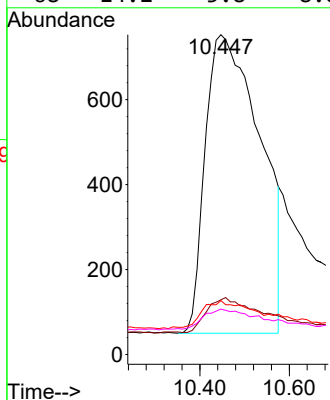
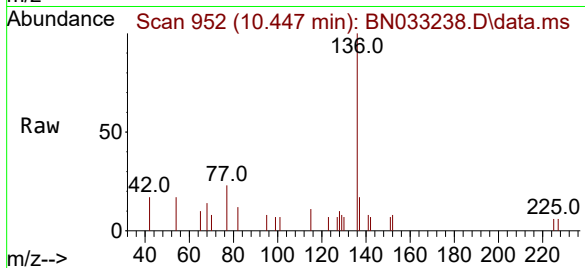
Ion Ratio Lower Upper

136 100

137 17.1 9.9 14.9#

54 16.9 6.5 9.7#

68 14.2 5.8 8.8#



#8

Nitrobenzene-d5

Concen: 0.253 ng

RT: 9.112 min Scan# 827

Delta R.T. 0.299 min

Lab File: BN033238.D

Acq: 03 Aug 2024 14:36

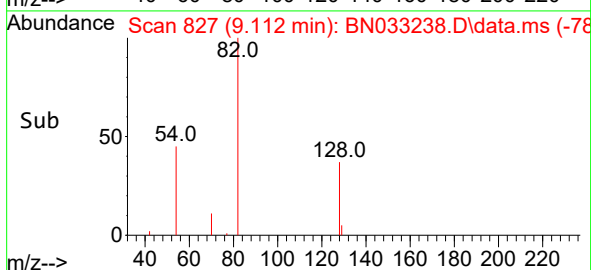
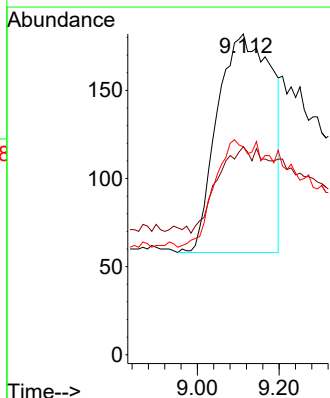
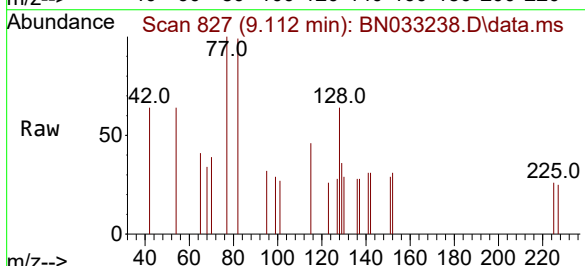
Tgt Ion: 82 Resp: 1140

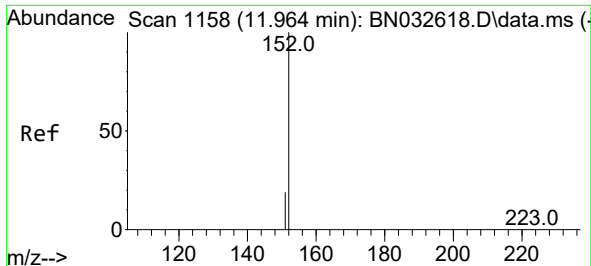
Ion Ratio Lower Upper

82 100

128 64.8 41.7 62.5#

54 64.8 39.5 59.3#

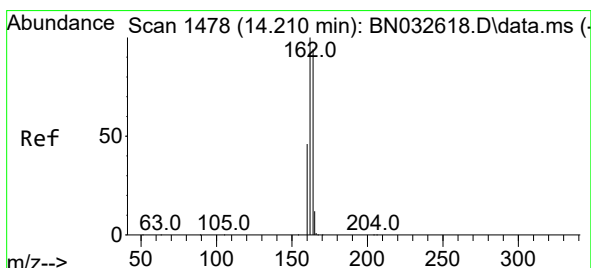
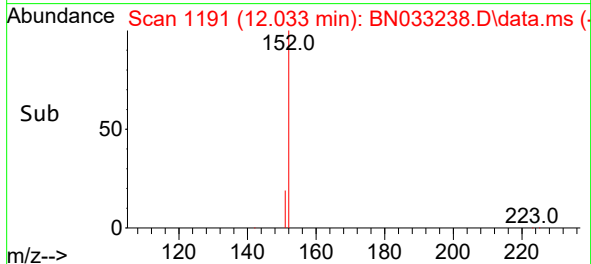
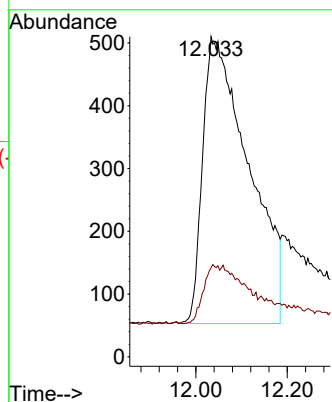
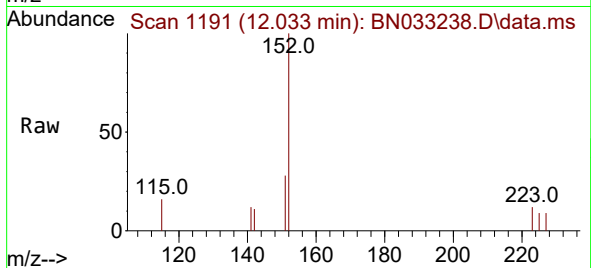




#11
2-Methylnaphthalene-d10
Concen: 0.349 ng
RT: 12.033 min Scan# 1158
Delta R.T. 0.132 min
Lab File: BN033238.D
Acq: 03 Aug 2024 14:36

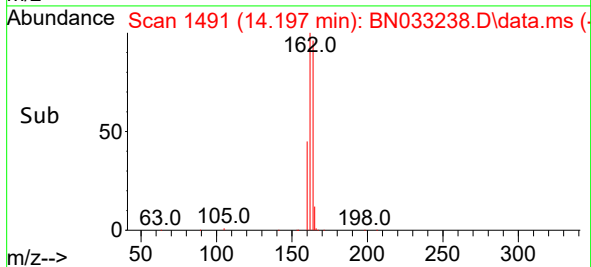
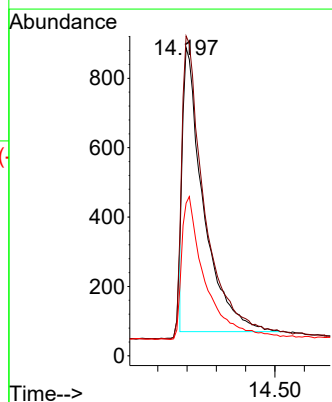
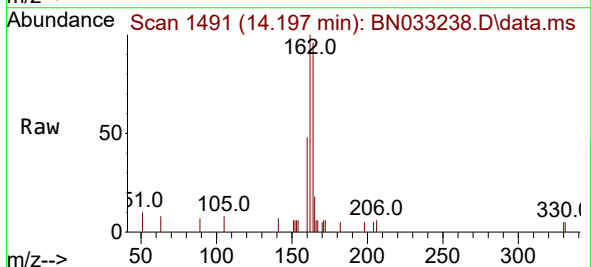
Instrument :
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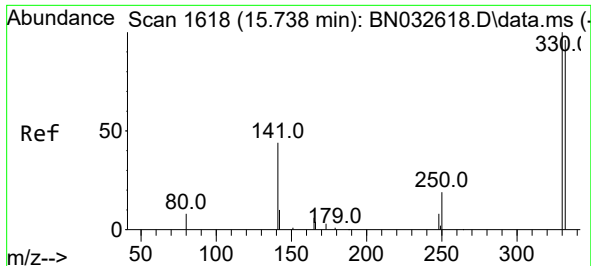
Tgt Ion:152 Resp: 3195
Ion Ratio Lower Upper
152 100
151 7.0 16.2 24.2#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.197 min Scan# 1491
Delta R.T. 0.060 min
Lab File: BN033238.D
Acq: 03 Aug 2024 14:36

Tgt Ion:164 Resp: 3987
Ion Ratio Lower Upper
164 100
162 103.8 85.0 127.4
160 49.5 39.4 59.2

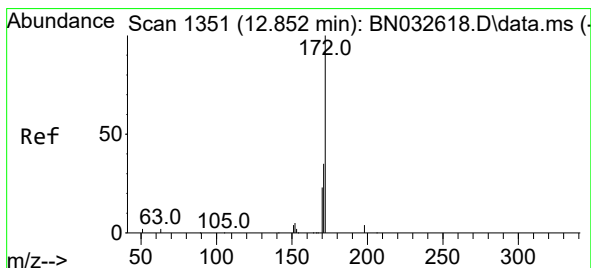
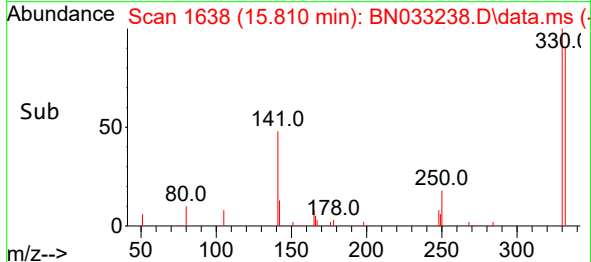
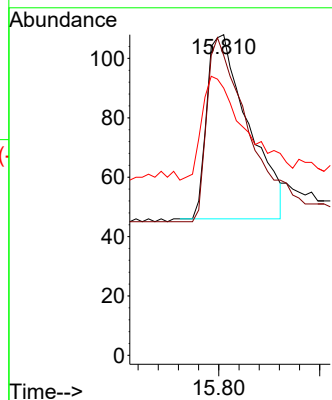
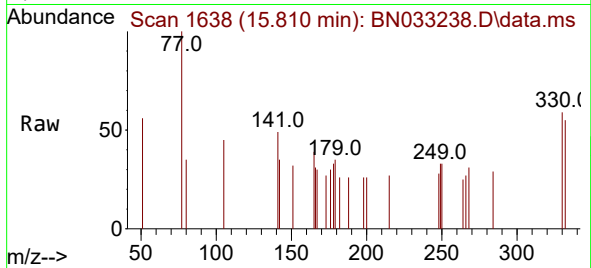




#14
2,4,6-Tribromophenol
Concen: 0.208 ng
RT: 15.810 min Scan# 1
Delta R.T. 0.094 min
Lab File: BN033238.D
Acq: 03 Aug 2024 14:36

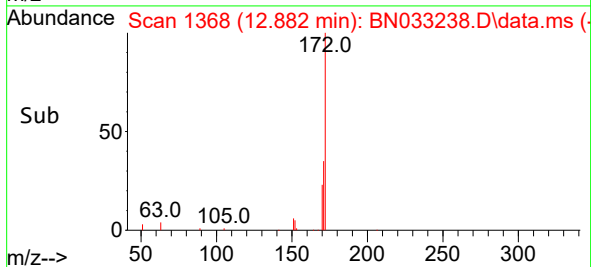
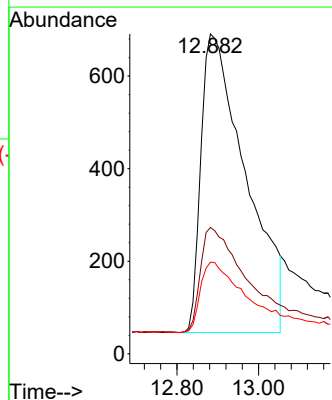
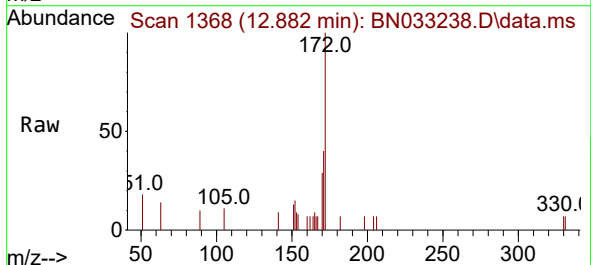
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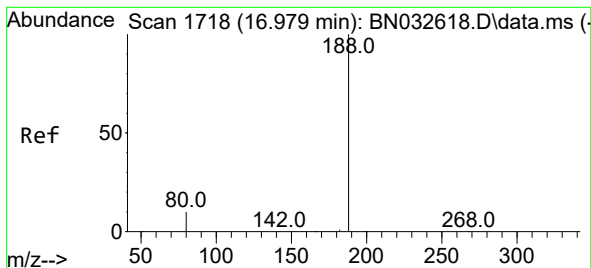
Tgt Ion:330 Resp: 354
Ion Ratio Lower Upper
330 100
332 99.4 77.8 116.8
141 0.0 34.2 51.2#



#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 12.882 min Scan# 1368
Delta R.T. 0.092 min
Lab File: BN033238.D
Acq: 03 Aug 2024 14:36

Tgt Ion:172 Resp: 4934
Ion Ratio Lower Upper
172 100
171 39.5 28.6 43.0
170 28.7 19.0 28.6#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.989 min Scan# 1

Delta R.T. 0.069 min

Lab File: BN033238.D

Acq: 03 Aug 2024 14:36

Instrument :

BNA_N

ClientSampleId :

SP6586

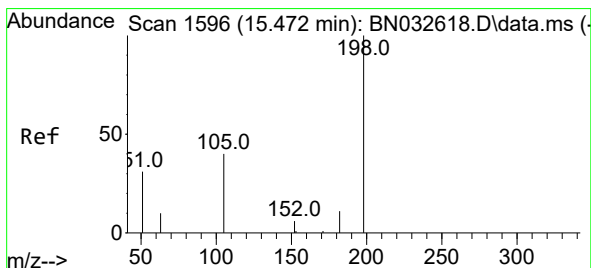
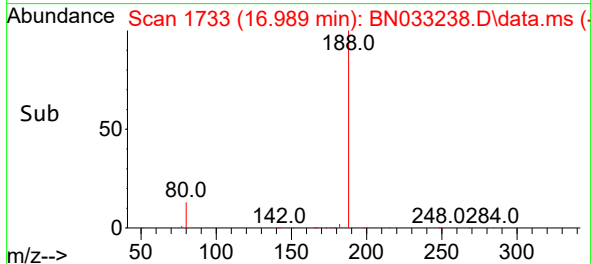
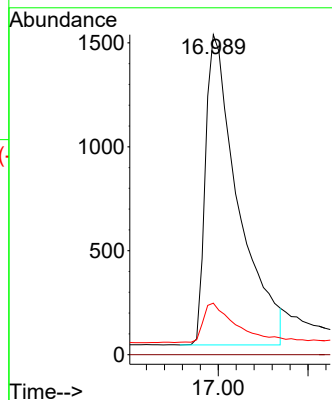
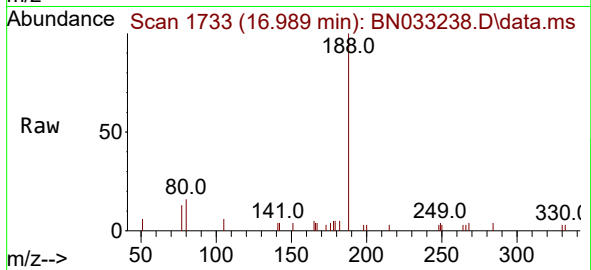
Tgt Ion:188 Resp: 7512

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.1 8.8 13.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.297 ng

RT: 15.648 min Scan# 1625

Delta R.T. 0.094 min

Lab File: BN033238.D

Acq: 03 Aug 2024 14:36

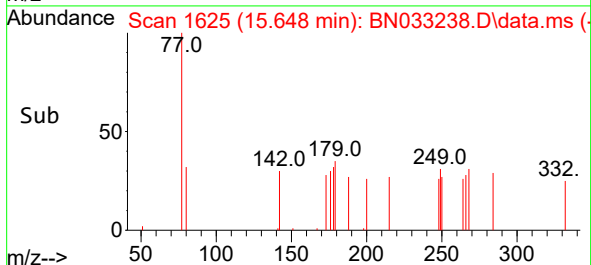
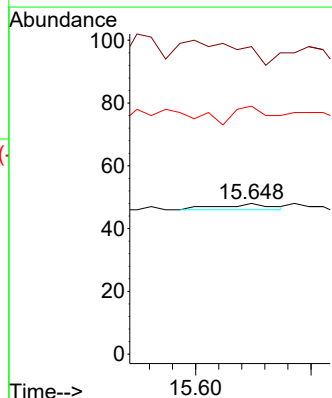
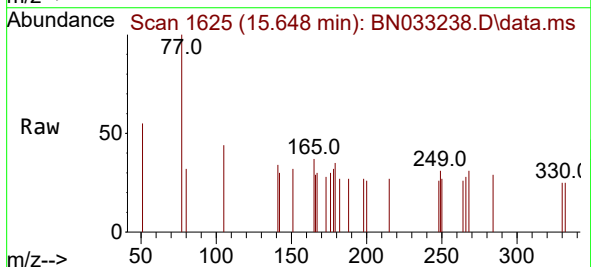
Tgt Ion:198 Resp: 6

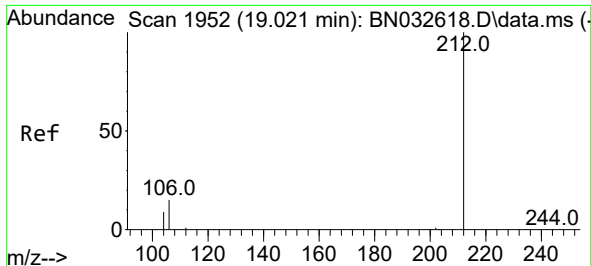
Ion Ratio Lower Upper

198 100

51 204.2 105.7 158.5#

105 164.6 63.0 94.6#





#27

Fluoranthene-d10

Concen: 0.340 ng

RT: 18.999 min Scan# 1952

Delta R.T. 0.039 min

Lab File: BN033238.D

Acq: 03 Aug 2024 14:36

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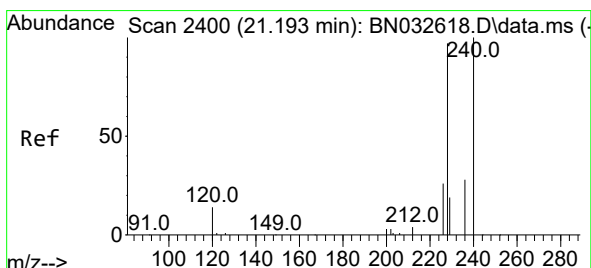
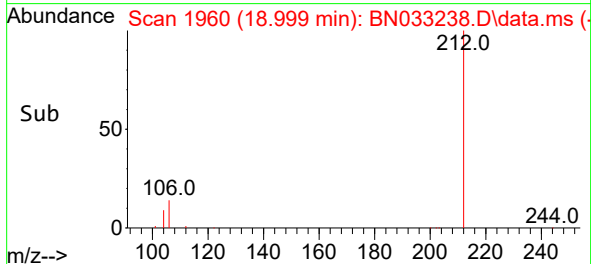
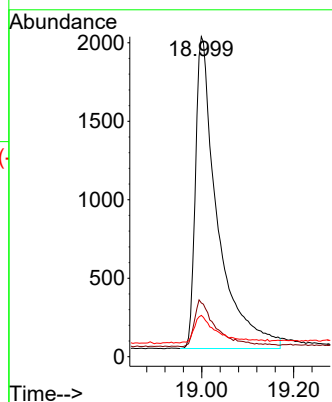
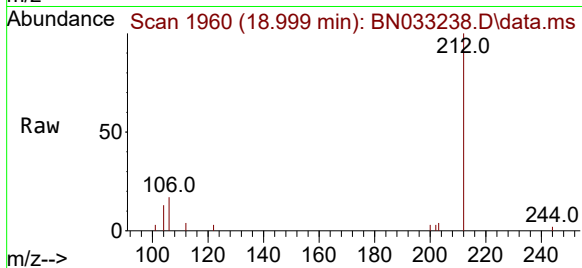
Tgt Ion:212 Resp: 6615

Ion Ratio Lower Upper

212 100

106 14.3 11.9 17.9

104 8.8 6.9 10.3



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.167 min Scan# 2410

Delta R.T. 0.033 min

Lab File: BN033238.D

Acq: 03 Aug 2024 14:36

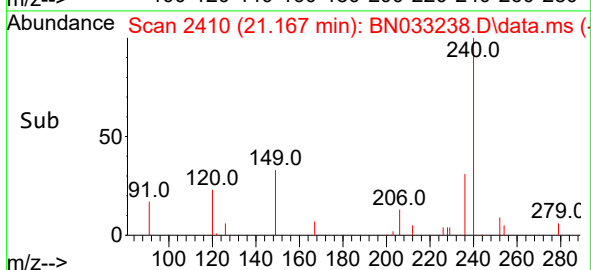
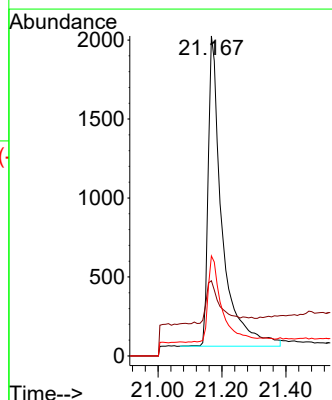
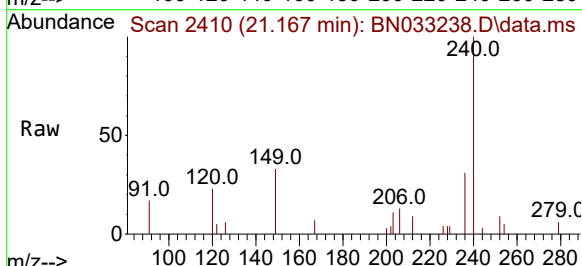
Tgt Ion:240 Resp: 5867

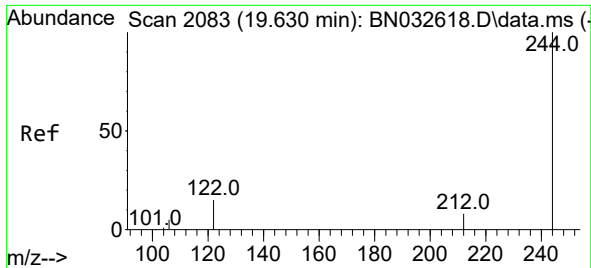
Ion Ratio Lower Upper

240 100

120 23.5 14.8 22.2#

236 31.2 23.3 34.9

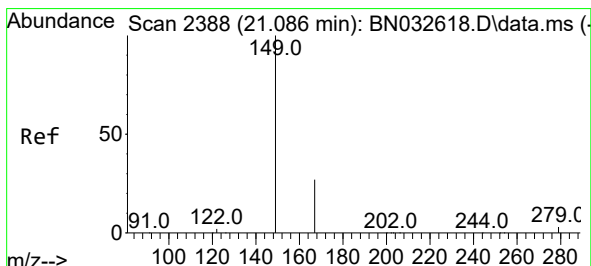
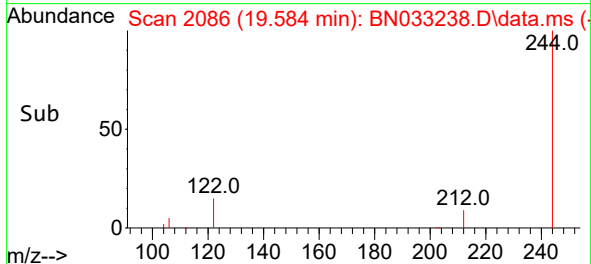
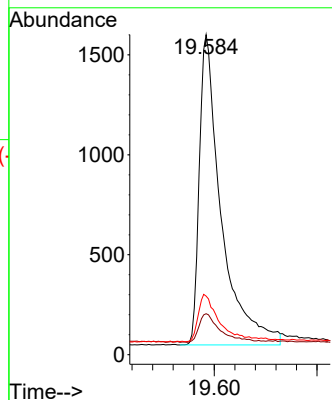
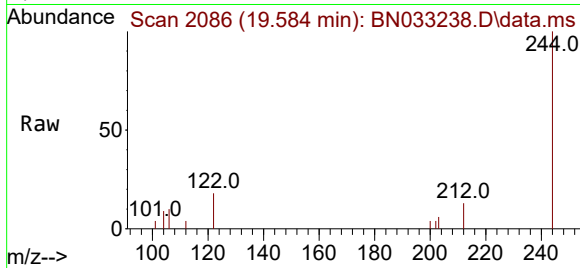




#31
Terphenyl-d14
Concen: 0.382 ng
RT: 19.584 min Scan# 2086
Delta R.T. 0.021 min
Lab File: BN033238.D
Acq: 03 Aug 2024 14:36

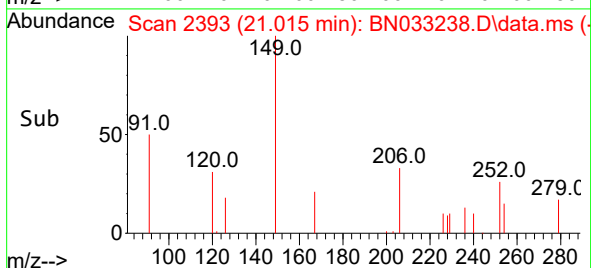
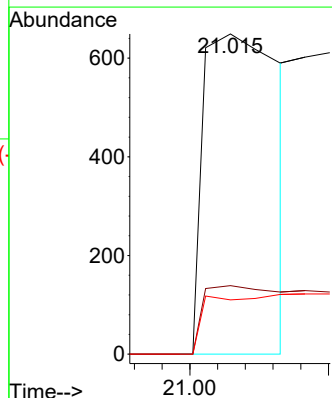
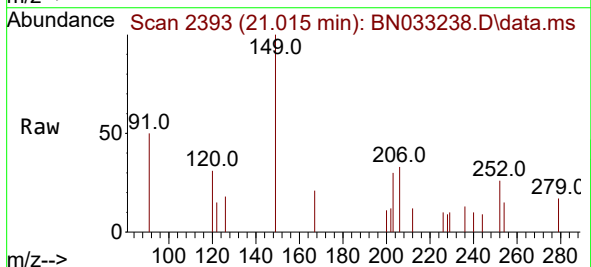
Instrument :
BNA_N
ClientSampleId :
SP6586

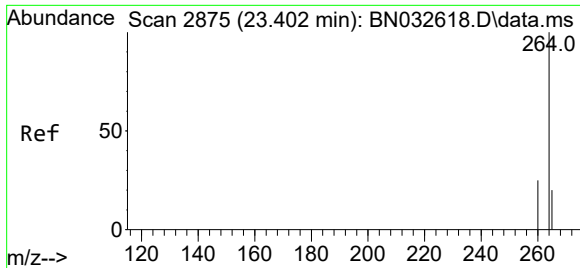
Tgt Ion:244 Resp: 4593
Ion Ratio Lower Upper
244 100
212 12.8 7.5 11.3#
122 18.3 12.6 19.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.105 ng
RT: 21.015 min Scan# 2393
Delta R.T. 0.007 min
Lab File: BN033238.D
Acq: 03 Aug 2024 14:36

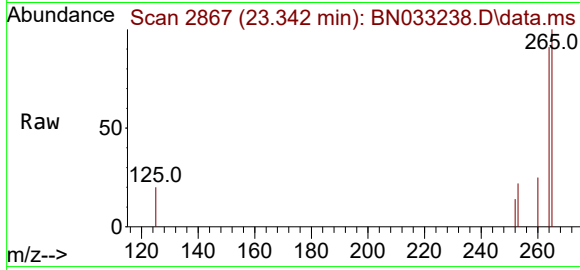
Tgt Ion:149 Resp: 1075
Ion Ratio Lower Upper
149 100
167 40.0 21.4 32.2#
279 0.0 2.8 4.2#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.342 min Scan# 21
Delta R.T. 0.027 min
Lab File: BN033238.D
Acq: 03 Aug 2024 14:36

Instrument :
BNA_N
ClientSampleId :
SP6586



Tgt Ion:264 Resp: 7187

Ion	Ratio	Lower	Upper
264	100		
260	27.9	20.9	31.3
265	109.7	85.4	128.2

