

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
 Data File : BN033224.D
 Acq On : 03 Aug 2024 04:52
 Operator : MA/JU
 Sample : P3429-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 926-K1-WS-073124

Quant Time: Aug 03 05:17:13 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)

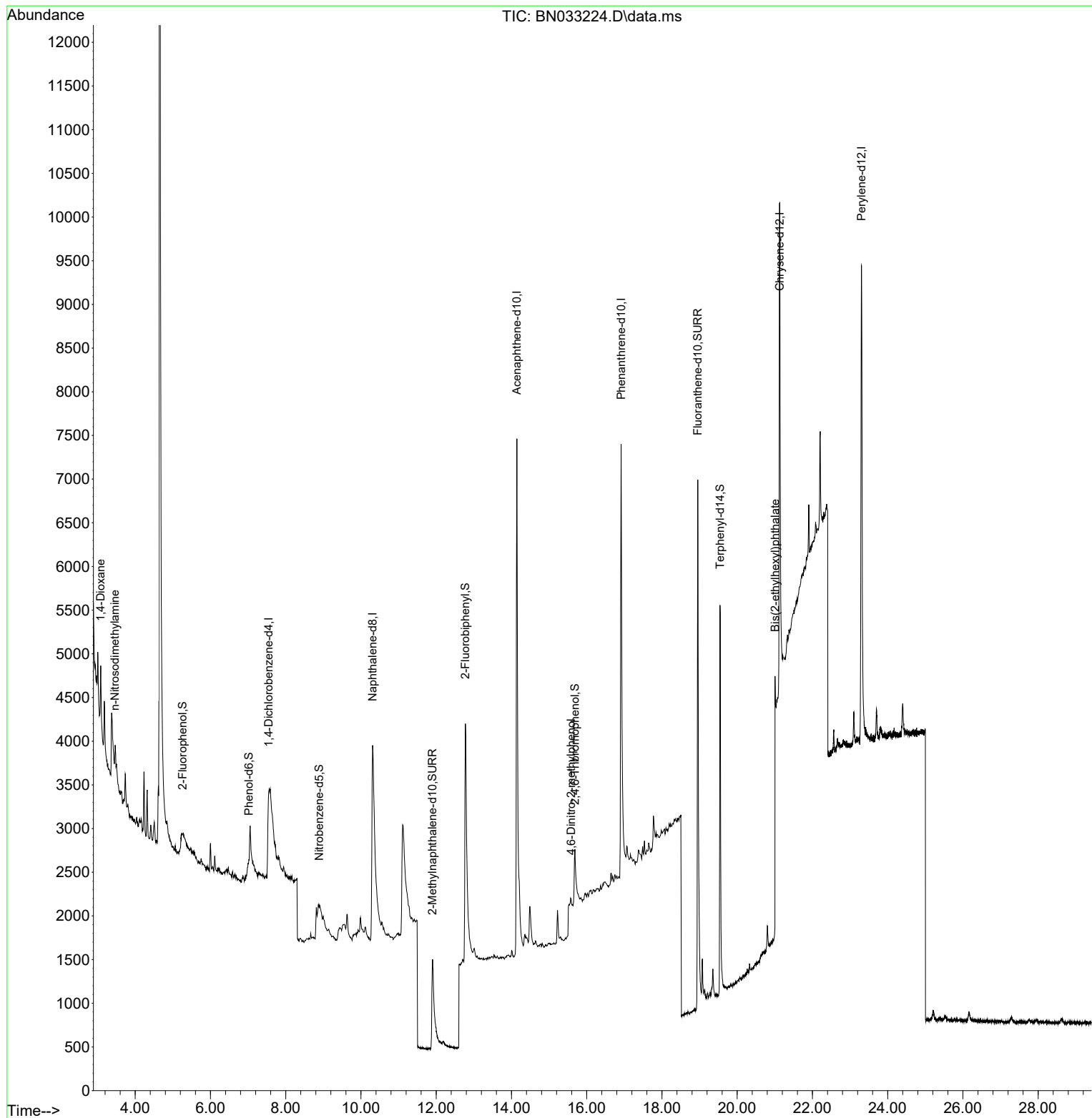
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.546	152	2185	0.400	ng	# 0.04
7) Naphthalene-d8	10.308	136	9529	0.400	ng	# 0.02
13) Acenaphthene-d10	14.143	164	5486	0.400	ng	0.00
19) Phenanthrene-d10	16.914	188	10801	0.400	ng	0.00
29) Chrysene-d12	21.131	240	8085	0.400	ng	0.00
35) Perylene-d12	23.301	264	8932	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.257	112	1164	0.211	ng	0.01
5) Phenol-d6	7.019	99	314	0.046	ng	0.14
8) Nitrobenzene-d5	8.888	82	2038	0.284	ng	0.07
11) 2-Methylnaphthalene-d10	11.901	152	3886	0.267	ng	0.00
14) 2,4,6-Tribromophenol	15.686	330	570	0.243	ng	-0.03
15) 2-Fluorobiphenyl	12.775	172	6121	0.300	ng	-0.01
27) Fluoranthene-d10	18.952	212	8025	0.287	ng	0.00
31) Terphenyl-d14	19.547	244	6023	0.363	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.083	88	595	0.220	ng	# 59
3) n-Nitrosodimethylamine	3.458	42	57	0.025	ng	# 2
20) 4,6-Dinitro-2-methylph...	15.586	198	18	0.301	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.006	149	1100	0.078	ng	# 81

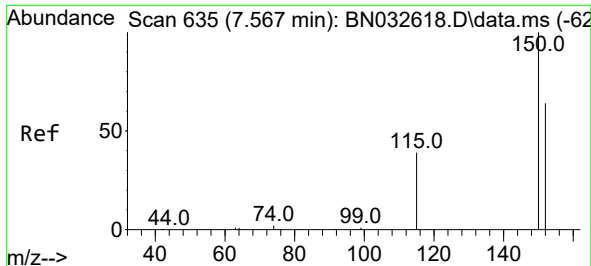
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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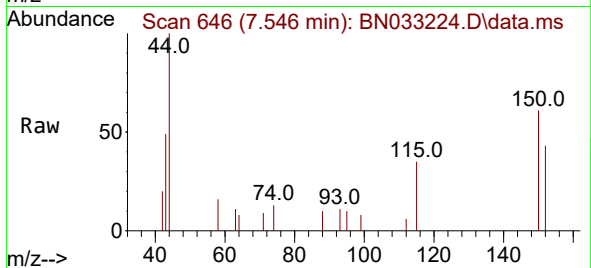
Quant Time: Aug 03 05:17:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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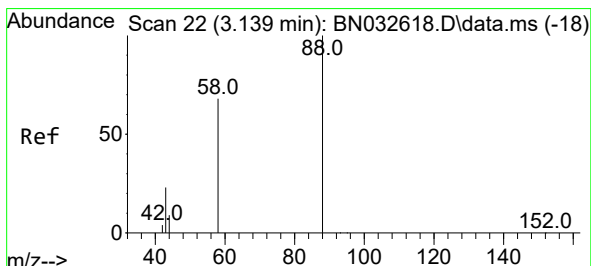
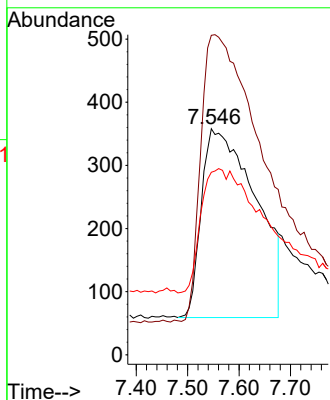
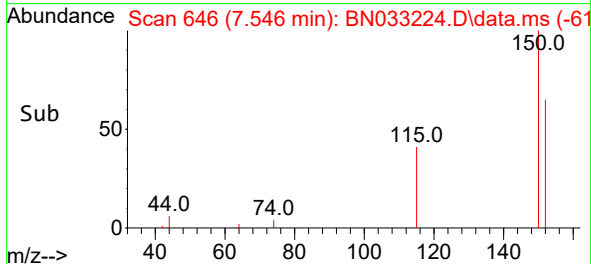


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.546 min Scan# 64
 Delta R.T. 0.043 min
 Lab File: BN033224.D
 Acq: 03 Aug 2024 04:52

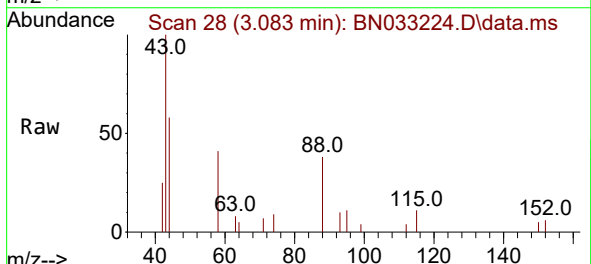
Instrument :
 BNA_N
 ClientSampleId :
 926-K1-WS-073124



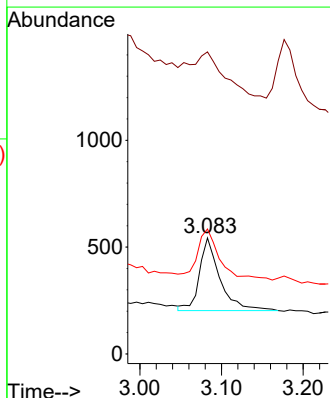
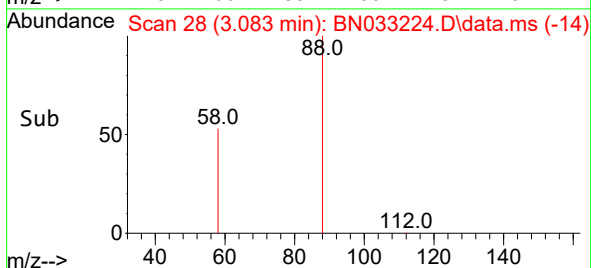
Tgt Ion:152 Resp: 2185
 Ion Ratio Lower Upper
 152 100
 150 141.3 123.8 185.6
 115 80.7 52.8 79.2#

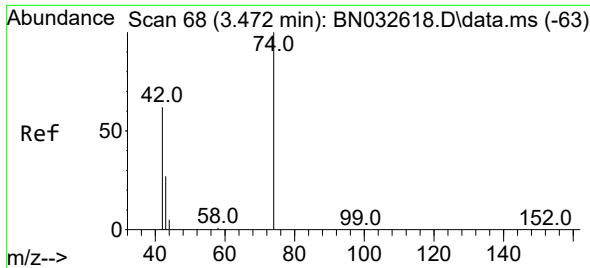


#2
 1,4-Dioxane
 Concen: 0.220 ng
 RT: 3.083 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: BN033224.D
 Acq: 03 Aug 2024 04:52



Tgt Ion: 88 Resp: 595
 Ion Ratio Lower Upper
 88 100
 43 67.1 18.4 27.6#
 58 78.2 49.2 73.8#





#3

n-Nitrosodimethylamine

Concen: 0.025 ng

RT: 3.458 min Scan# 80

Delta R.T. -0.014 min

Lab File: BN033224.D

Acq: 03 Aug 2024 04:52

Instrument :

BNA_N

ClientSampleId :

926-K1-WS-073124

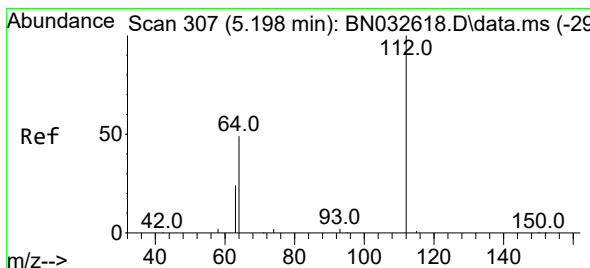
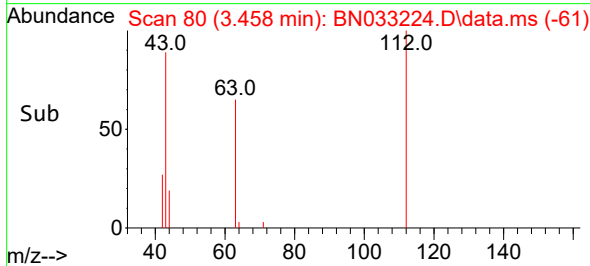
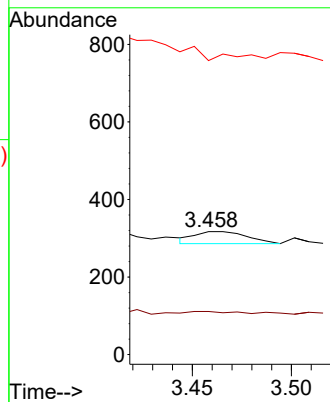
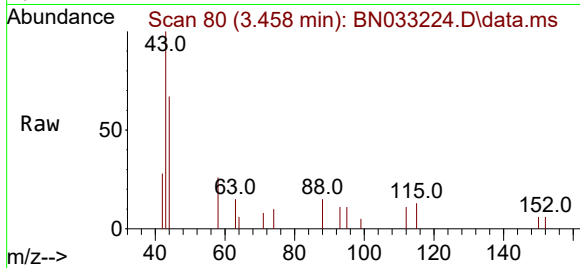
Tgt Ion: 42 Resp: 57

Ion Ratio Lower Upper

42 100

74 26.3 126.9 190.3#

44 0.0 4.8 7.2#



#4

2-Fluorophenol

Concen: 0.211 ng

RT: 5.257 min Scan# 329

Delta R.T. 0.014 min

Lab File: BN033224.D

Acq: 03 Aug 2024 04:52

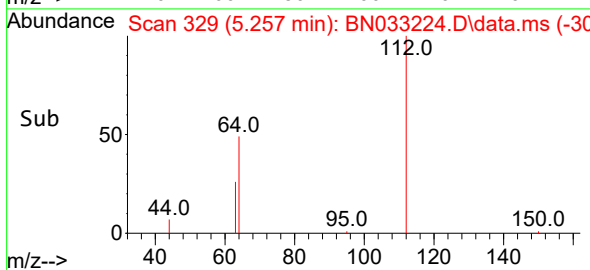
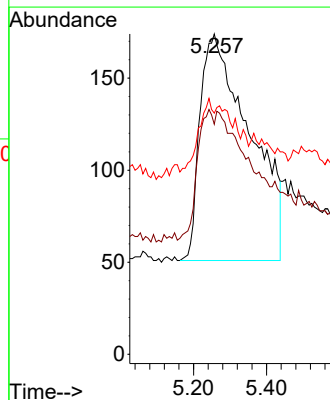
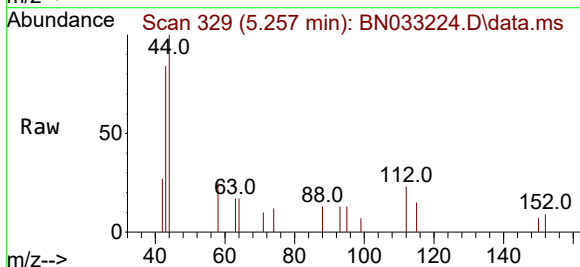
Tgt Ion: 112 Resp: 1164

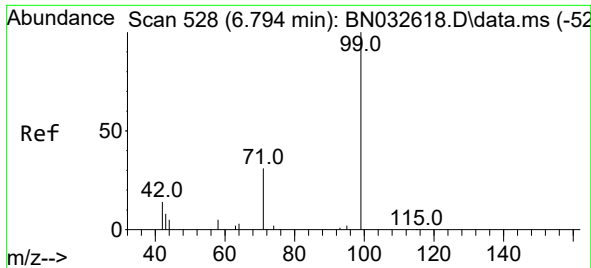
Ion Ratio Lower Upper

112 100

64 19.3 40.2 60.4#

63 9.7 22.2 33.4#

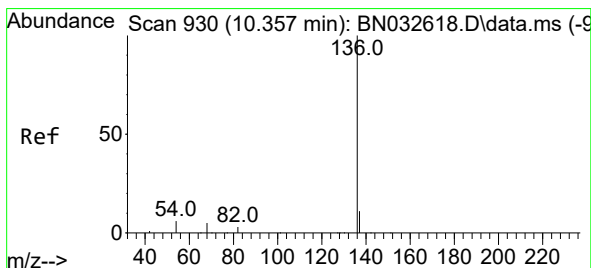
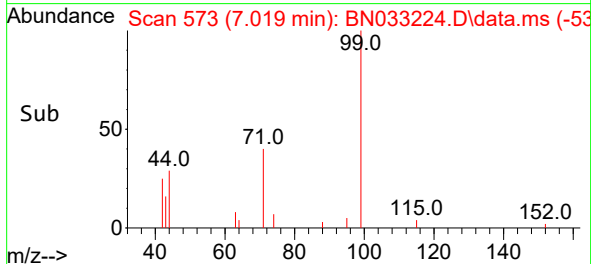
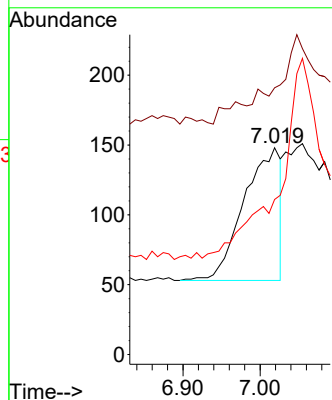
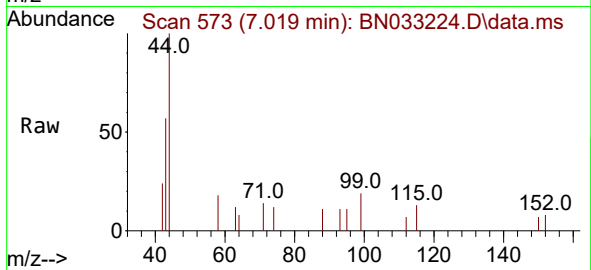




#5
Phenol-d6
Concen: 0.046 ng
RT: 7.019 min Scan# 51
Delta R.T. 0.137 min
Lab File: BN033224.D
Acq: 03 Aug 2024 04:52

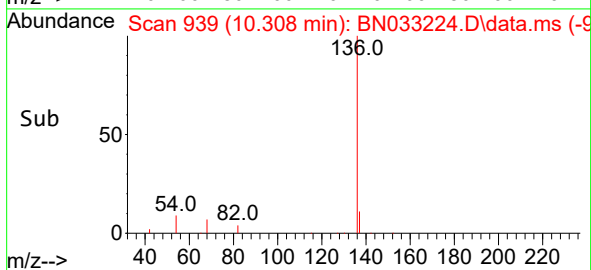
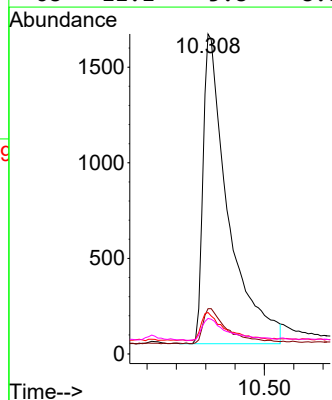
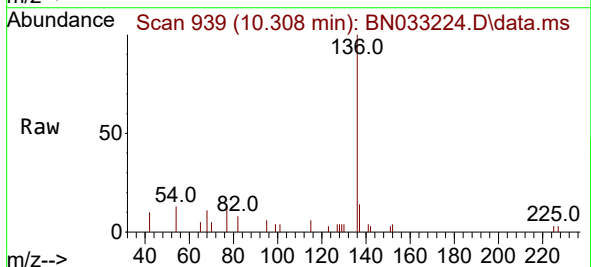
Instrument :
BNA_N
ClientSampleId :
926-K1-WS-073124

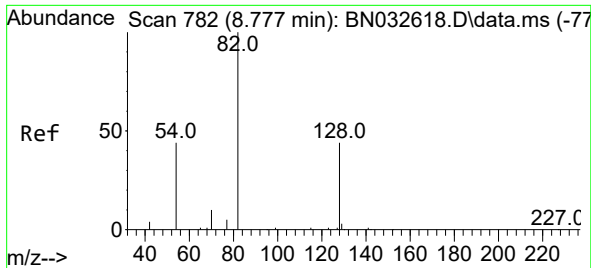
Tgt Ion: 99 Resp: 314
Ion Ratio Lower Upper
99 100
42 0.0 10.5 15.7#
71 0.0 22.3 33.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.308 min Scan# 939
Delta R.T. 0.021 min
Lab File: BN033224.D
Acq: 03 Aug 2024 04:52

Tgt Ion: 136 Resp: 9529
Ion Ratio Lower Upper
136 100
137 14.2 9.9 14.9
54 13.0 6.5 9.7#
68 11.1 5.8 8.8#

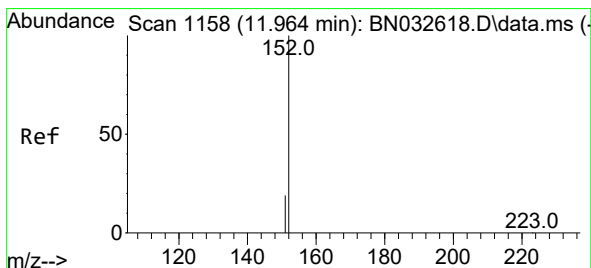
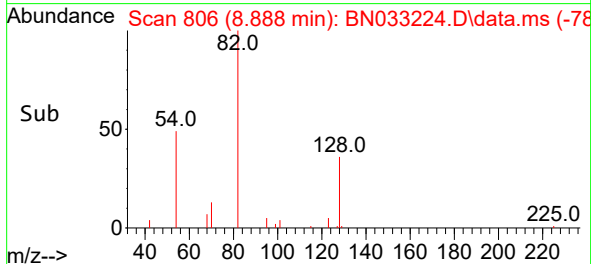
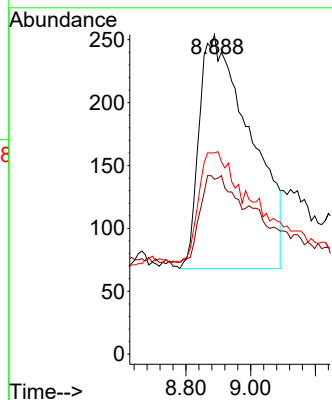
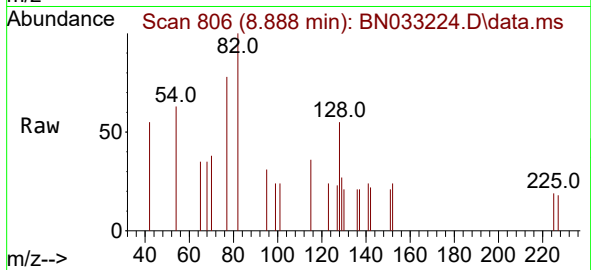




#8
Nitrobenzene-d5
Concen: 0.284 ng
RT: 8.888 min Scan# 806
Delta R.T. 0.075 min
Lab File: BN033224.D
Acq: 03 Aug 2024 04:52

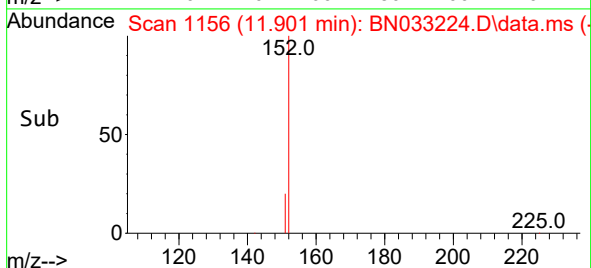
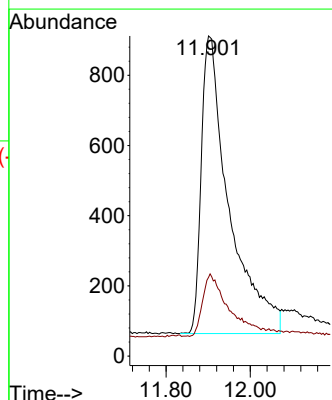
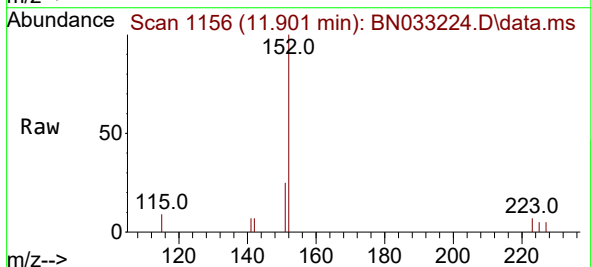
Instrument :
BNA_N
ClientSampleId :
926-K1-WS-073124

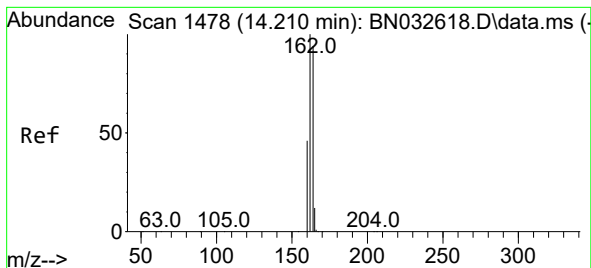
Tgt Ion: 82 Resp: 2038
Ion Ratio Lower Upper
82 100
128 54.7 41.7 62.5
54 63.0 39.5 59.3#



#11
2-Methylnaphthalene-d10
Concen: 0.267 ng
RT: 11.901 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BN033224.D
Acq: 03 Aug 2024 04:52

Tgt Ion:152 Resp: 3886
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.143 min Scan# 1478

Delta R.T. 0.007 min

Lab File: BN033224.D

Acq: 03 Aug 2024 04:52

Instrument :

BNA_N

ClientSampleId :

926-K1-WS-073124

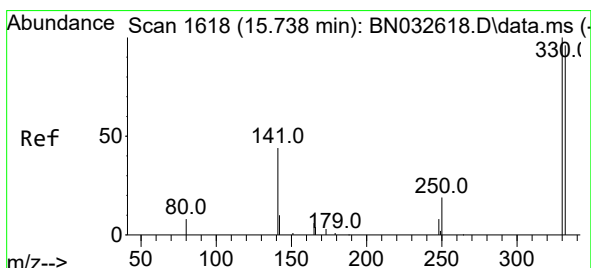
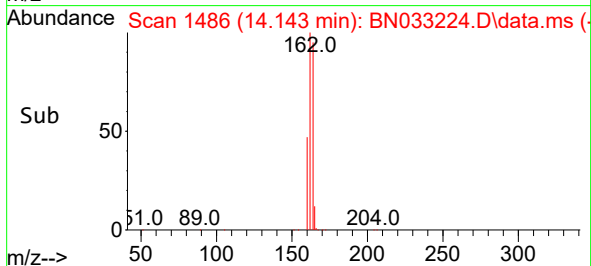
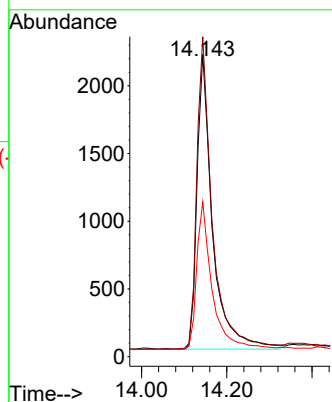
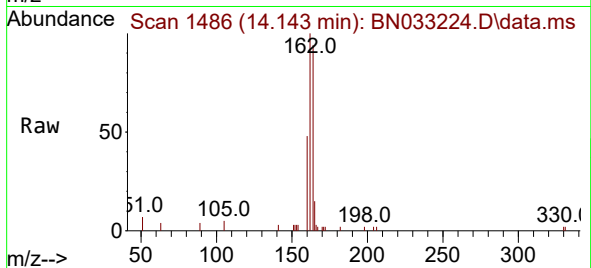
Tgt Ion:164 Resp: 5486

Ion Ratio Lower Upper

164 100

162 105.9 85.0 127.4

160 51.3 39.4 59.2



#14

2,4,6-Tribromophenol

Concen: 0.243 ng

RT: 15.686 min Scan# 1628

Delta R.T. -0.030 min

Lab File: BN033224.D

Acq: 03 Aug 2024 04:52

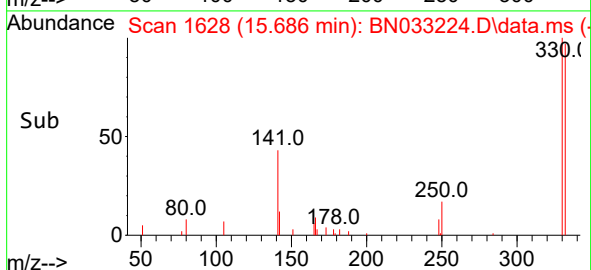
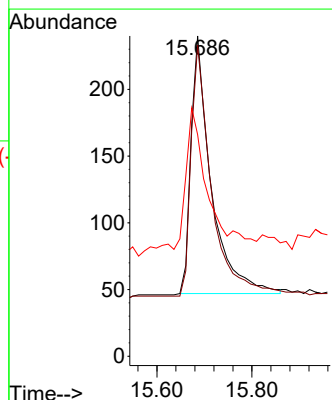
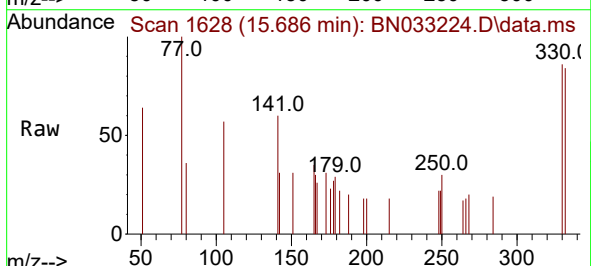
Tgt Ion:330 Resp: 570

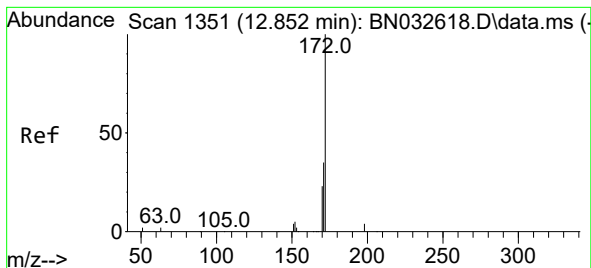
Ion Ratio Lower Upper

330 100

332 99.6 77.8 116.8

141 47.2 34.2 51.2





#15

2-Fluorobiphenyl

Concen: 0.300 ng

RT: 12.775 min Scan# 11

Delta R.T. -0.015 min

Lab File: BN033224.D

Acq: 03 Aug 2024 04:52

Instrument :

BNA_N

ClientSampleId :

926-K1-WS-073124

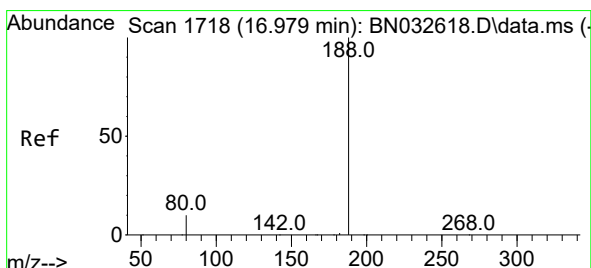
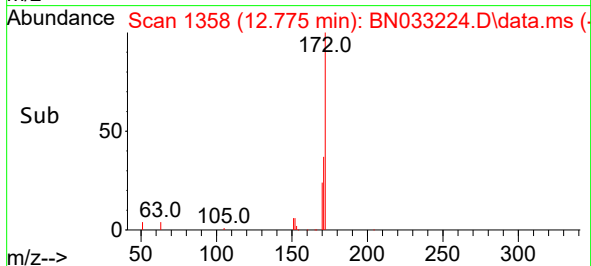
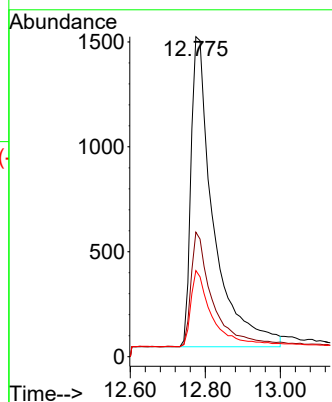
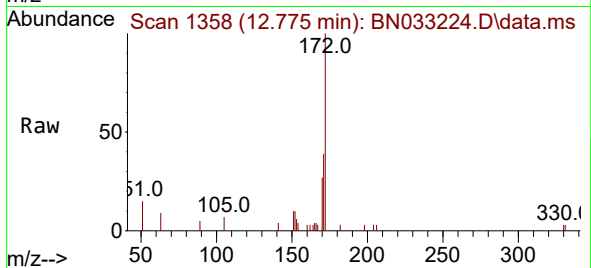
Tgt Ion:172 Resp: 6121

Ion Ratio Lower Upper

172 100

171 38.9 28.6 43.0

170 26.9 19.0 28.6



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.914 min Scan# 1727

Delta R.T. -0.006 min

Lab File: BN033224.D

Acq: 03 Aug 2024 04:52

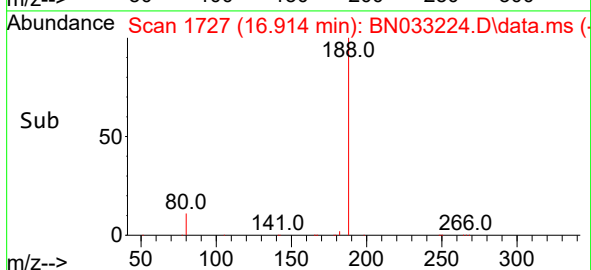
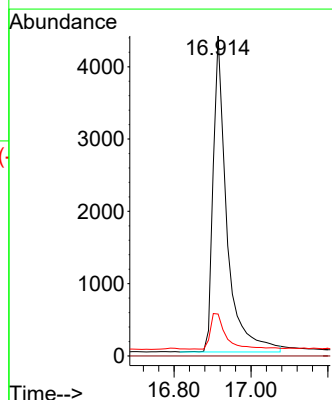
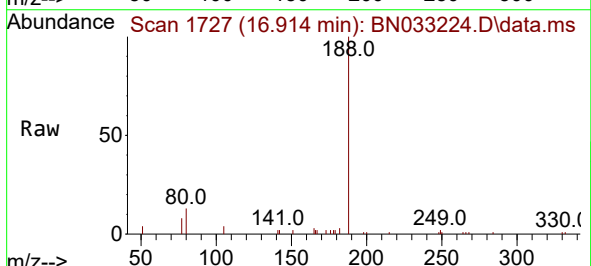
Tgt Ion:188 Resp: 10801

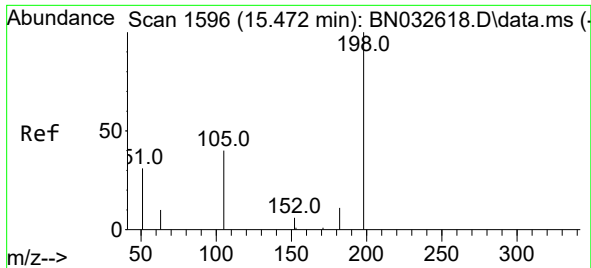
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.1 8.8 13.2

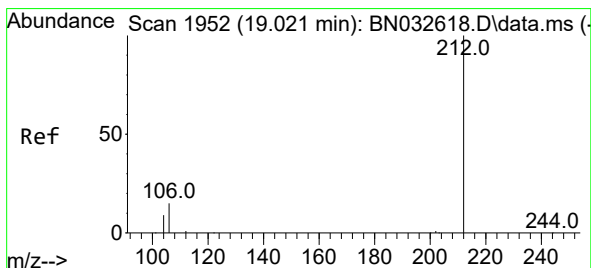
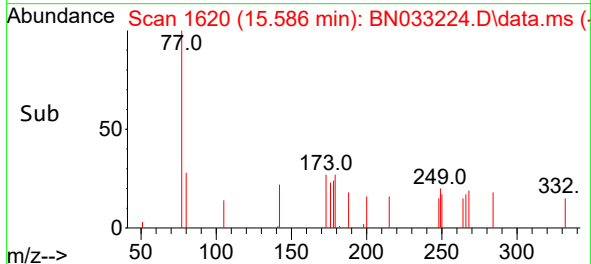
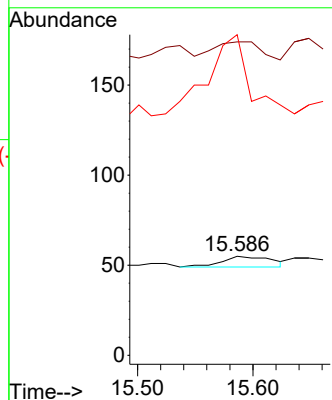
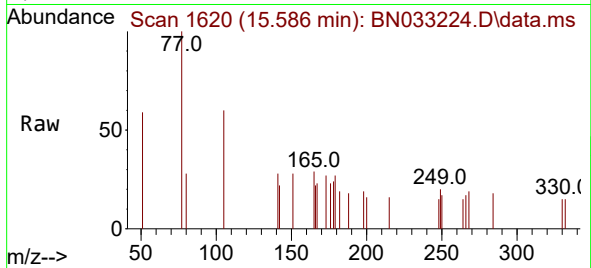




#20
4,6-Dinitro-2-methylphenol
Concen: 0.301 ng
RT: 15.586 min Scan# 1
Delta R.T. 0.032 min
Lab File: BN033224.D
Acq: 03 Aug 2024 04:52

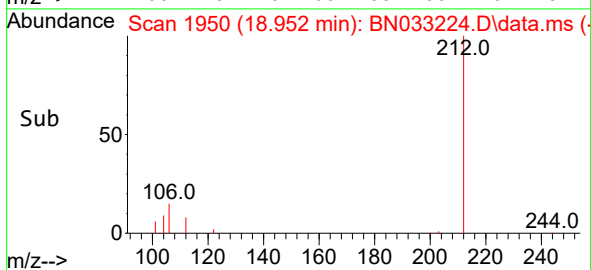
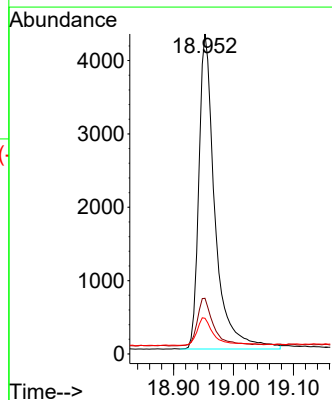
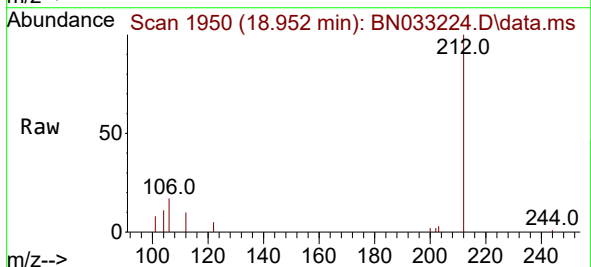
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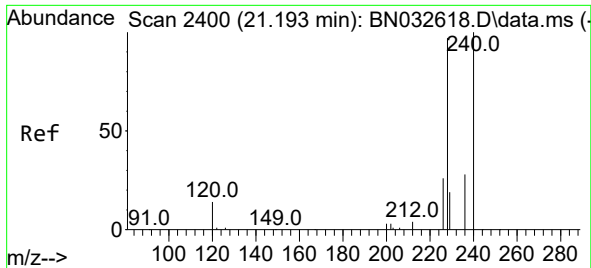
Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
51 316.4 105.7 158.5#
105 323.6 63.0 94.6#



#27
Fluoranthene-d10
Concen: 0.287 ng
RT: 18.952 min Scan# 1950
Delta R.T. -0.007 min
Lab File: BN033224.D
Acq: 03 Aug 2024 04:52

Tgt Ion:212 Resp: 8025
Ion Ratio Lower Upper
212 100
106 15.6 11.9 17.9
104 9.2 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.131 min Scan# 2406

Delta R.T. -0.002 min

Lab File: BN033224.D

Acq: 03 Aug 2024 04:52

Instrument :

BNA_N

ClientSampleId :

926-K1-WS-073124

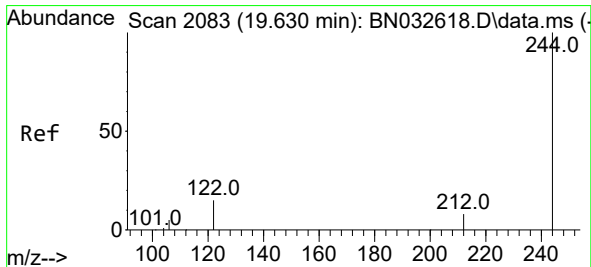
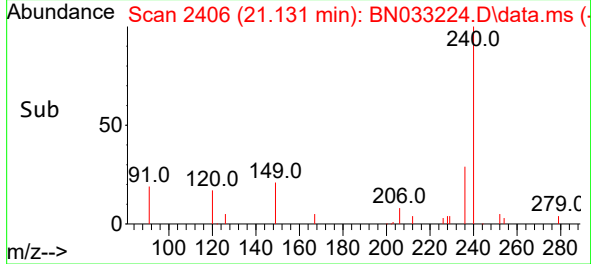
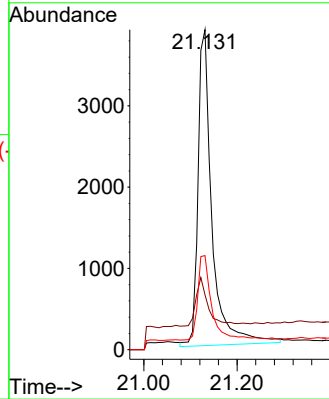
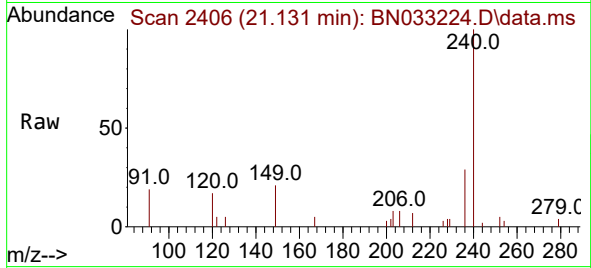
Tgt Ion:240 Resp: 8085

Ion Ratio Lower Upper

240 100

120 17.2 14.8 22.2

236 29.4 23.3 34.9



#31

Terphenyl-d14

Concen: 0.363 ng

RT: 19.547 min Scan# 2078

Delta R.T. -0.016 min

Lab File: BN033224.D

Acq: 03 Aug 2024 04:52

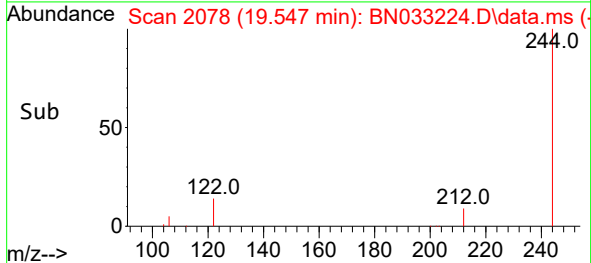
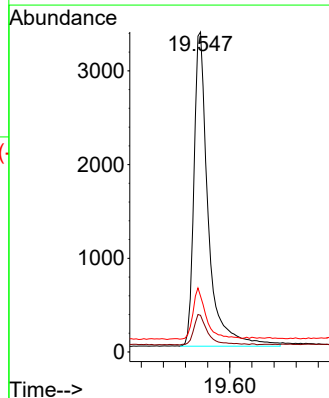
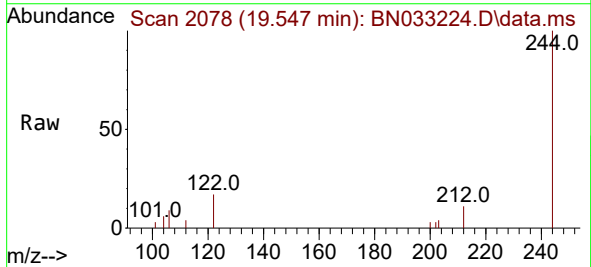
Tgt Ion:244 Resp: 6023

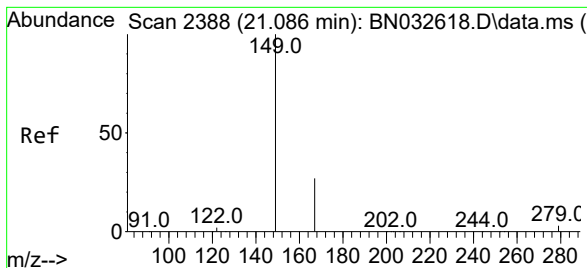
Ion Ratio Lower Upper

244 100

212 11.5 7.5 11.3#

122 17.5 12.6 19.0

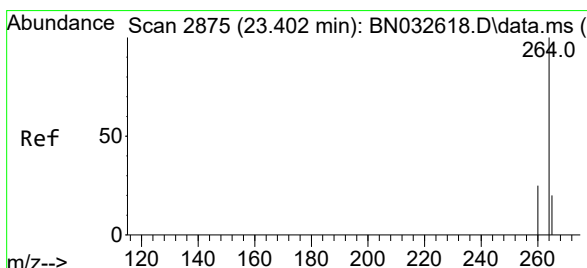
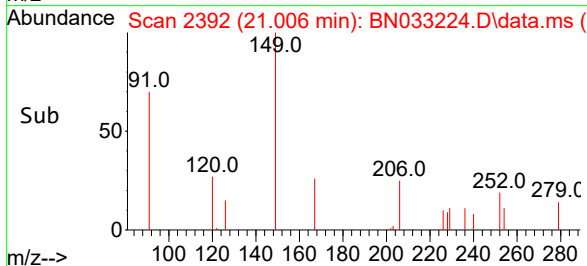
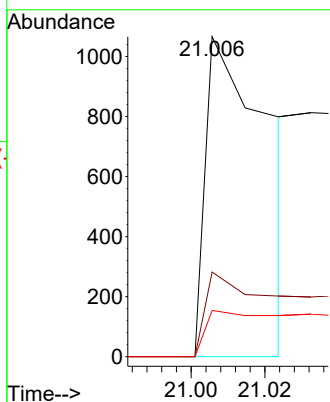
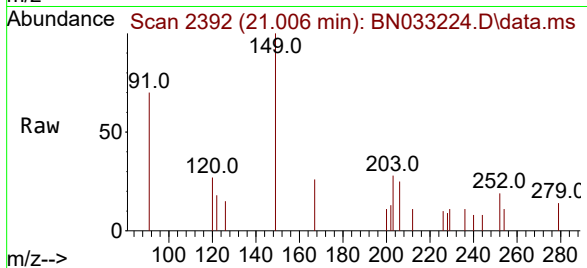




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.078 ng
RT: 21.006 min Scan# 2100
Delta R.T. -0.002 min
Lab File: BN033224.D
Acq: 03 Aug 2024 04:52

Instrument :
BNA_N
ClientSampleId :
926-K1-WS-073124

Tgt Ion:149 Resp: 1100
Ion Ratio Lower Upper
149 100
167 35.1 21.4 32.2#
279 15.9 2.8 4.2#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.301 min Scan# 2853
Delta R.T. -0.014 min
Lab File: BN033224.D
Acq: 03 Aug 2024 04:52

Tgt Ion:264 Resp: 8932
Ion Ratio Lower Upper
264 100
260 26.4 20.9 31.3
265 79.0 85.4 128.2#

