

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092024\
 Data File : BN034075.D
 Acq On : 20 Sep 2024 07:47
 Operator : JU/RC
 Sample : P3957-12
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW203D1-20240910

Quant Time: Sep 20 08:15:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

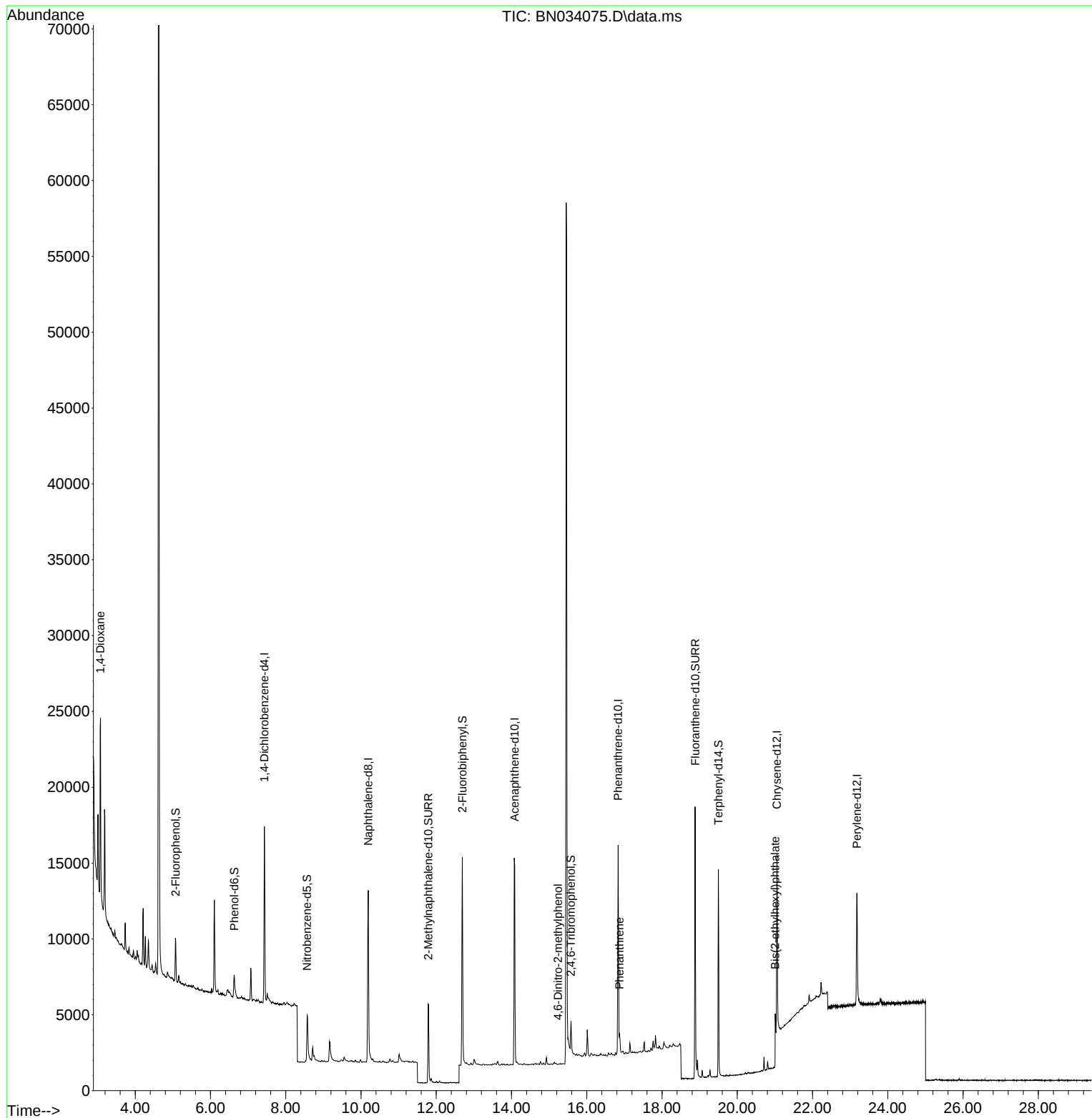
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	5499	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	15572	0.400	ng	0.00
13) Acenaphthene-d10	14.083	164	8544	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	18106	0.400	ng	# 0.00
29) Chrysene-d12	21.053	240	11708	0.400	ng	0.00
35) Perylene-d12	23.180	264	9662	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.076	112	2184	0.140	ng	0.00
5) Phenol-d6	6.629	99	1424	0.078	ng	0.00
8) Nitrobenzene-d5	8.568	82	3460	0.290	ng	0.00
11) 2-Methylnaphthalene-d10	11.787	152	7690	0.334	ng	0.00
14) 2,4,6-Tribromophenol	15.579	330	1093	0.282	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	12011	0.346	ng	0.00
27) Fluoranthene-d10	18.880	212	19756	0.432	ng	0.00
31) Terphenyl-d14	19.498	244	12381	0.529	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.075	88	6753	0.982	ng	# 75
20) 4,6-Dinitro-2-methylph...	15.238	198	1	0.138	ng	# 1
25) Phenanthrene	16.870	178	1193	0.023	ng	95
34) Bis(2-ethylhexyl)phtha...	21.008	149	1919	0.124	ng	# 92

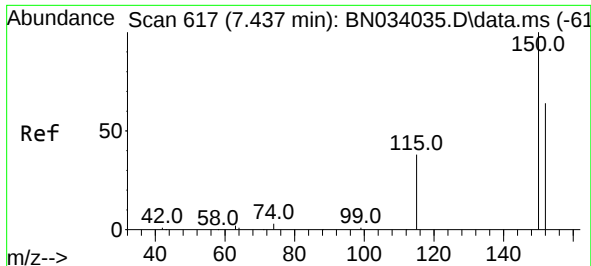
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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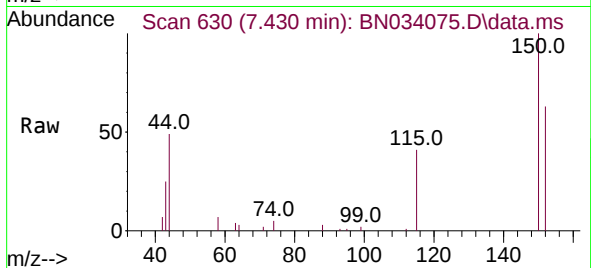
Quant Time: Sep 20 08:15:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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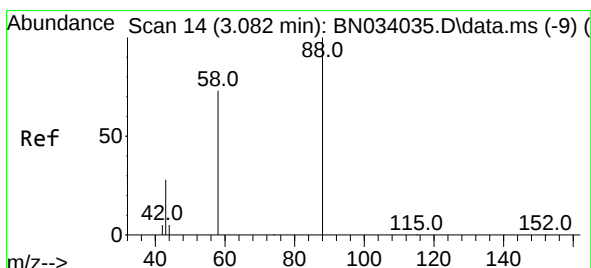
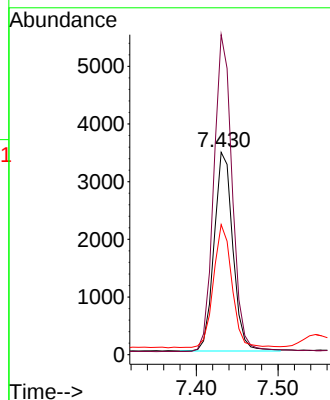
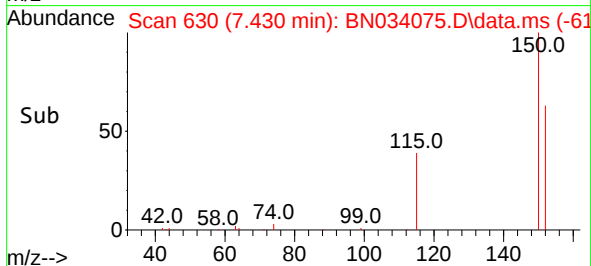


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.430 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN034075.D
Acq: 20 Sep 2024 07:47

Instrument :
BNA_N
ClientSampleId :
MW203D1-20240910

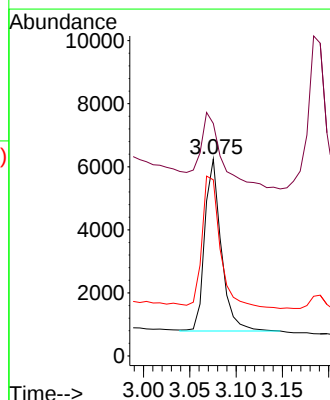
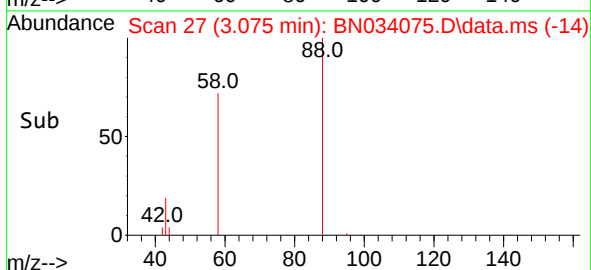
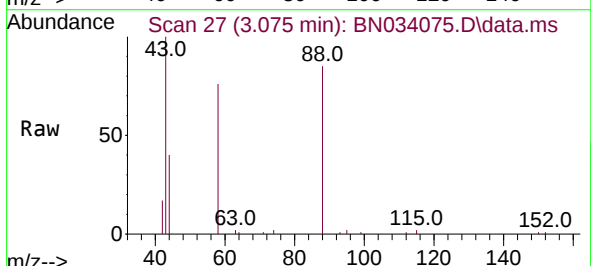


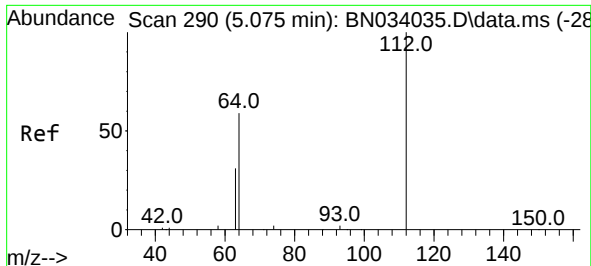
Tgt Ion:152 Resp: 5499
Ion Ratio Lower Upper
152 100
150 158.1 124.6 187.0
115 64.2 50.0 75.0



#2
1,4-Dioxane
Concen: 0.982 ng
RT: 3.075 min Scan# 27
Delta R.T. -0.006 min
Lab File: BN034075.D
Acq: 20 Sep 2024 07:47

Tgt Ion: 88 Resp: 6753
Ion Ratio Lower Upper
88 100
43 59.3 25.8 38.8
58 86.5 58.8 88.2

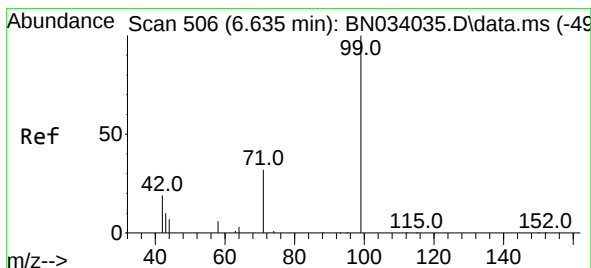
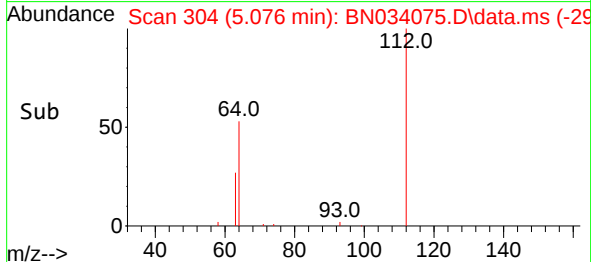
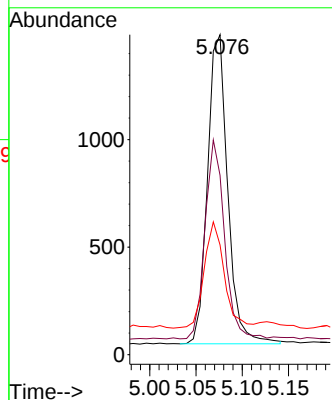
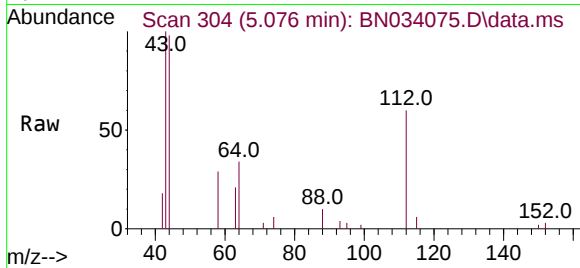




#4
2-Fluorophenol
Concen: 0.140 ng
RT: 5.076 min Scan# 304
Delta R.T. 0.001 min
Lab File: BN034075.D
Acq: 20 Sep 2024 07:47

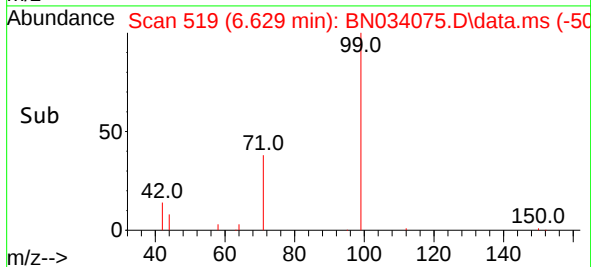
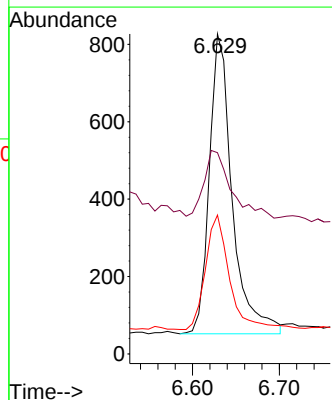
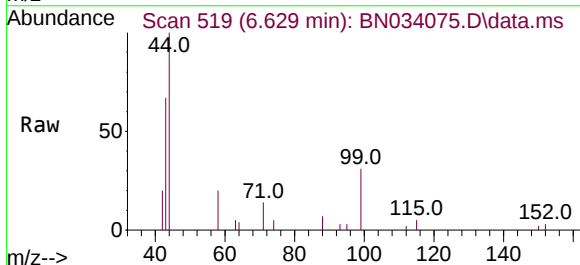
Instrument :
BNA_N
ClientSampleId :
MW203D1-20240910

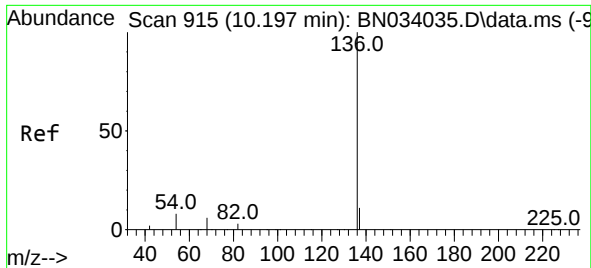
Tgt Ion:112 Resp: 2184
Ion Ratio Lower Upper
112 100
64 62.4 48.6 72.8
63 34.2 25.6 38.4



#5
Phenol-d6
Concen: 0.078 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034075.D
Acq: 20 Sep 2024 07:47

Tgt Ion: 99 Resp: 1424
Ion Ratio Lower Upper
99 100
42 26.8 17.8 26.8
71 39.8 26.2 39.2#

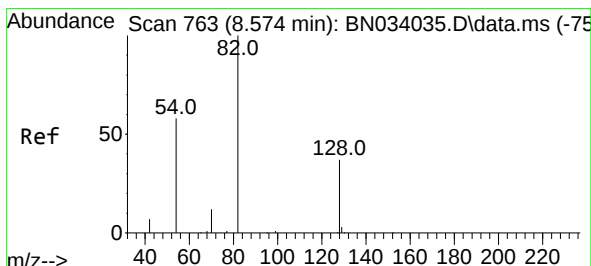
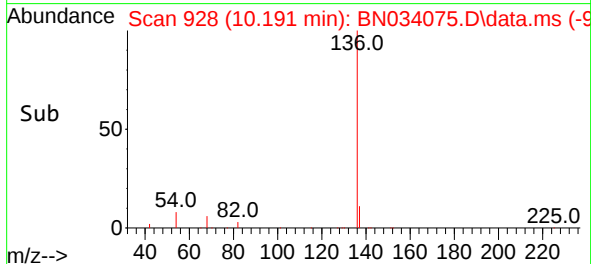
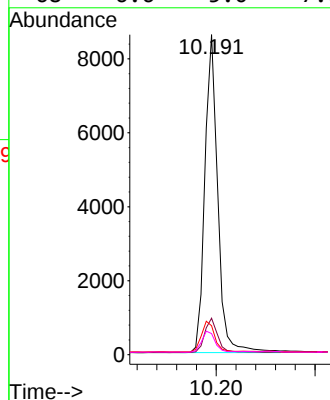
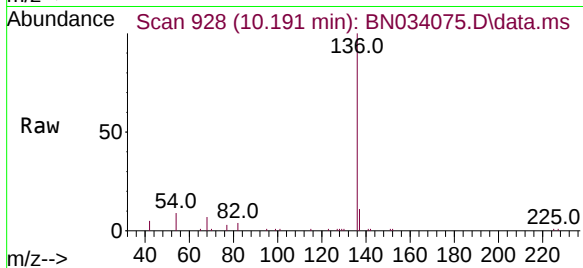




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 915
Delta R.T. -0.006 min
Lab File: BN034075.D
Acq: 20 Sep 2024 07:47

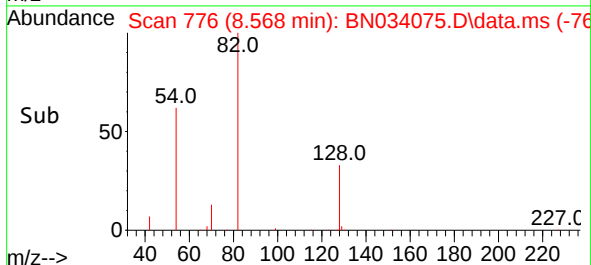
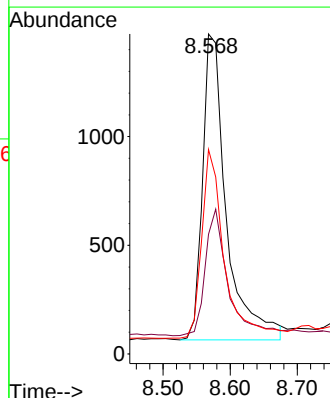
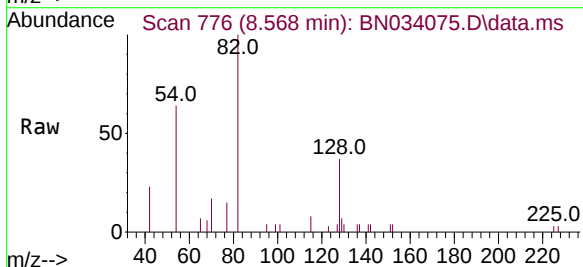
Instrument :
BNA_N
ClientSampleId :
MW203D1-20240910

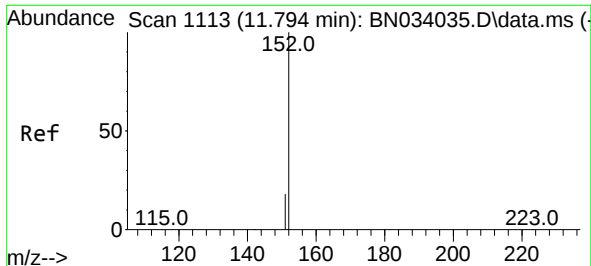
Tgt Ion:	136	Resp:	15572
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	9.0	6.8	10.2
68	6.6	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.290 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034075.D
Acq: 20 Sep 2024 07:47

Tgt Ion:	82	Resp:	3460
Ion	Ratio	Lower	Upper
82	100		
128	37.4	31.4	47.2
54	63.9	47.4	71.0





#11

2-Methylnaphthalene-d10

Concen: 0.334 ng

RT: 11.787 min Scan# 1113

Delta R.T. -0.006 min

Lab File: BN034075.D

Acq: 20 Sep 2024 07:47

Instrument :

BNA_N

ClientSampleId :

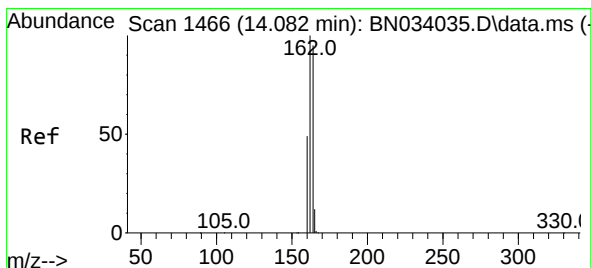
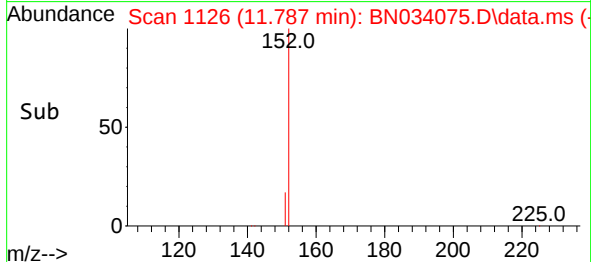
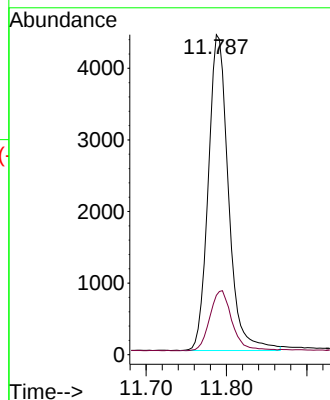
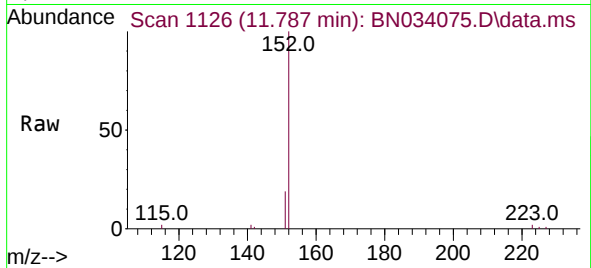
MW203D1-20240910

Tgt Ion:152 Resp: 7690

Ion Ratio Lower Upper

152 100

151 20.9 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.083 min Scan# 1481

Delta R.T. 0.001 min

Lab File: BN034075.D

Acq: 20 Sep 2024 07:47

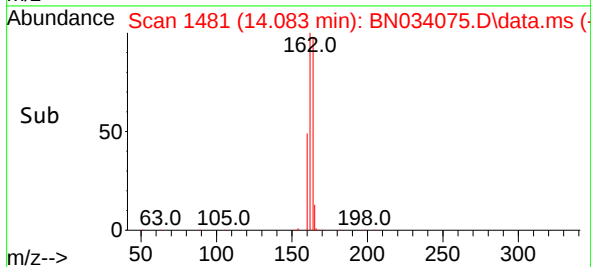
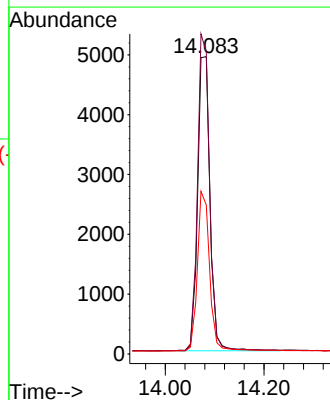
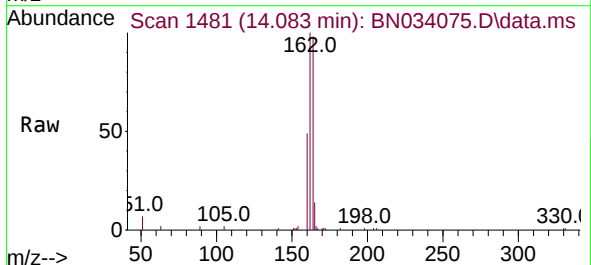
Tgt Ion:164 Resp: 8544

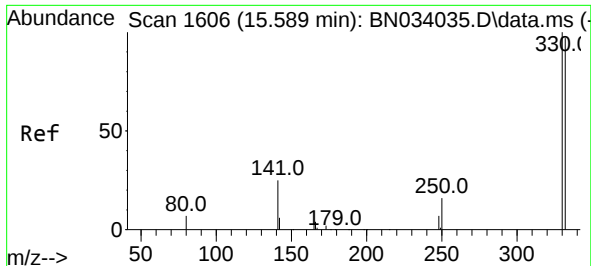
Ion Ratio Lower Upper

164 100

162 101.5 84.2 126.2

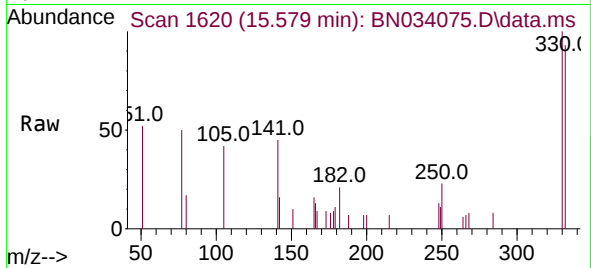
160 50.1 41.7 62.5



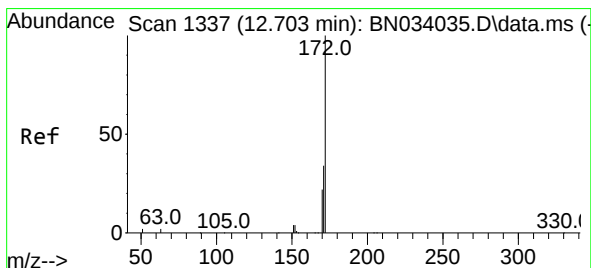
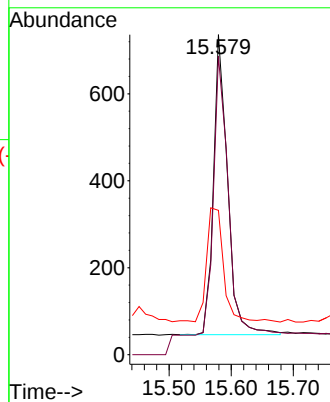
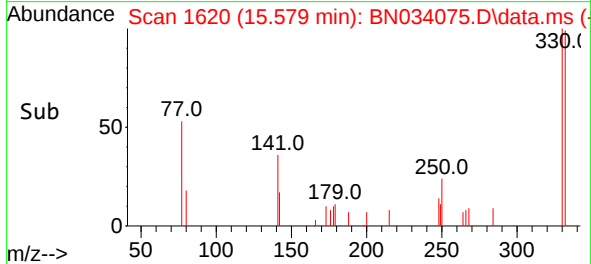


#14
2,4,6-Tribromophenol
Concen: 0.282 ng
RT: 15.579 min Scan# 1093
Delta R.T. -0.009 min
Lab File: BN034075.D
Acq: 20 Sep 2024 07:47

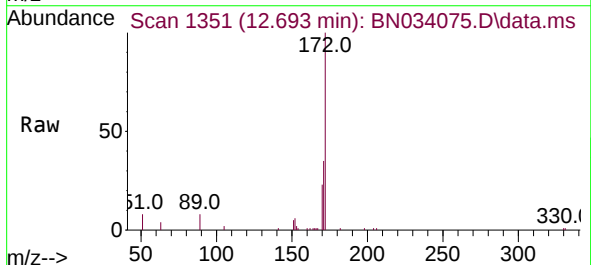
Instrument :
BNA_N
ClientSampleId :
MW203D1-20240910



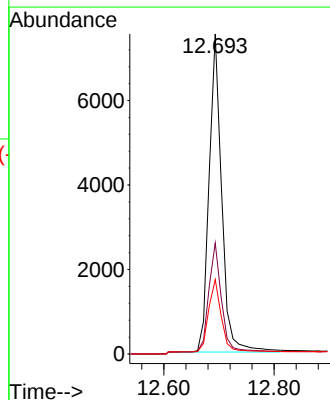
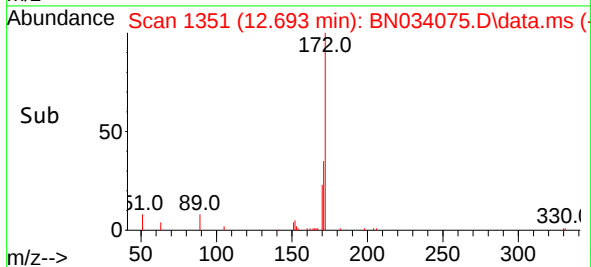
Tgt Ion:330 Resp: 1093
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.0
141 45.7 35.9 53.9

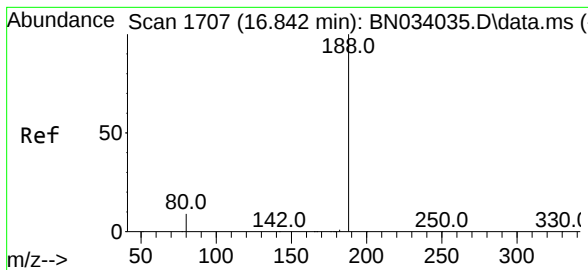


#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 12.693 min Scan# 1351
Delta R.T. -0.009 min
Lab File: BN034075.D
Acq: 20 Sep 2024 07:47



Tgt Ion:172 Resp: 12011
Ion Ratio Lower Upper
172 100
171 34.7 27.3 40.9
170 23.2 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.833 min Scan# 11

Delta R.T. -0.009 min

Lab File: BN034075.D

Acq: 20 Sep 2024 07:47

Instrument :

BNA_N

ClientSampleId :

MW203D1-20240910

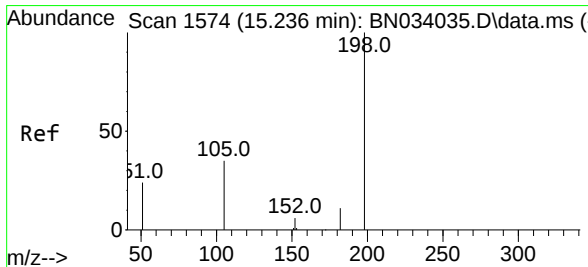
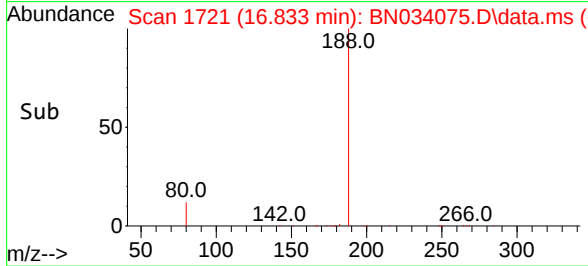
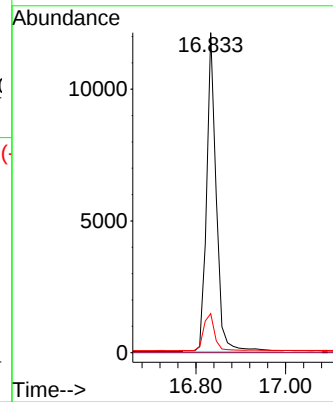
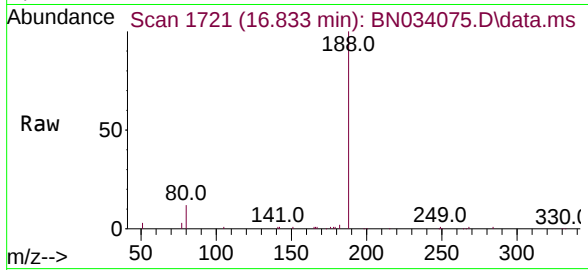
Tgt Ion:188 Resp: 18106

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.2 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.138 ng

RT: 15.238 min Scan# 1589

Delta R.T. 0.002 min

Lab File: BN034075.D

Acq: 20 Sep 2024 07:47

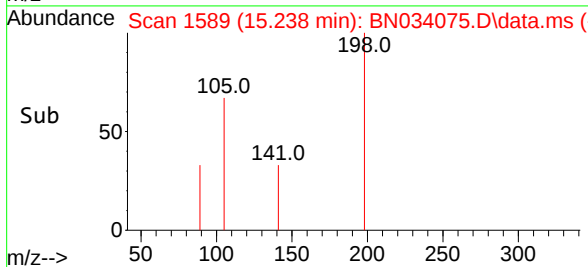
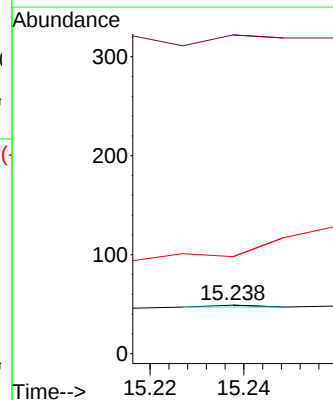
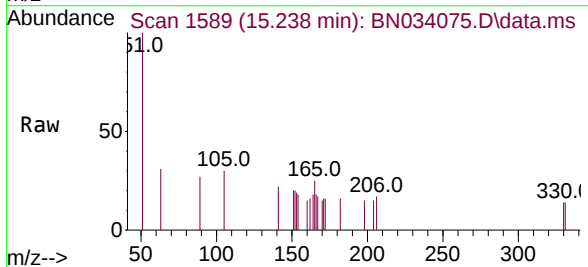
Tgt Ion:198 Resp: 1

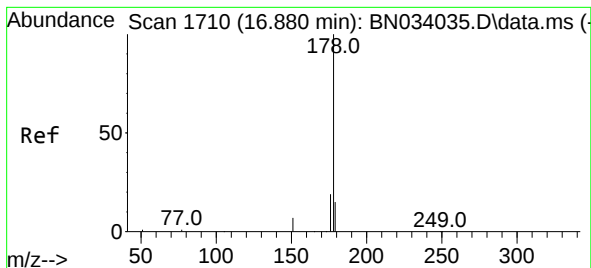
Ion Ratio Lower Upper

198 100

51 657.1 106.4 159.6#

105 200.0 38.5 57.7#





#25

Phenanthrene

Concen: 0.023 ng

RT: 16.870 min Scan# 1193

Delta R.T. -0.009 min

Lab File: BN034075.D

Acq: 20 Sep 2024 07:47

Instrument :

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ClientSampleId :

MW203D1-20240910

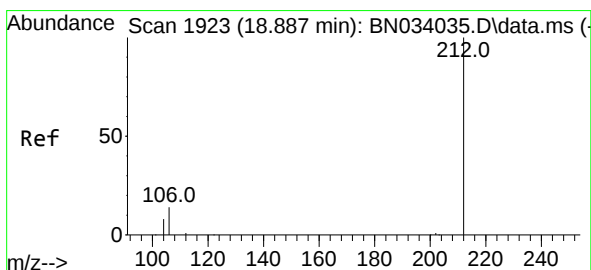
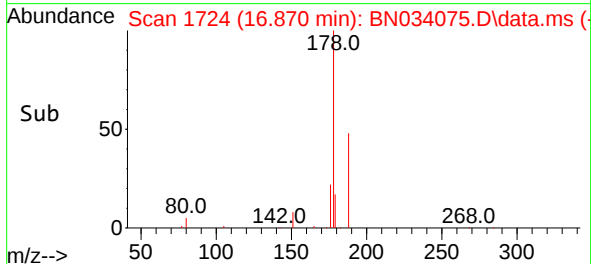
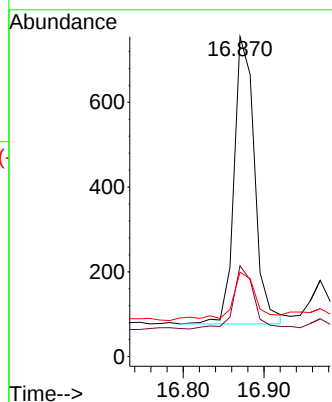
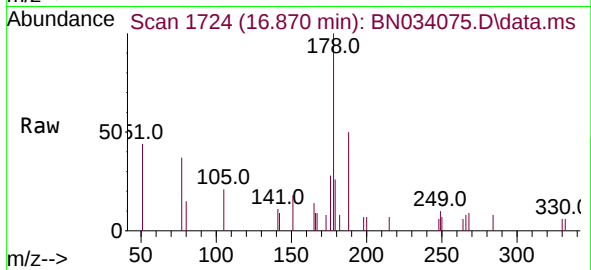
Tgt Ion:178 Resp: 1193

Ion Ratio Lower Upper

178 100

176 21.7 15.3 22.9

179 16.3 12.1 18.1



#27

Fluoranthene-d10

Concen: 0.432 ng

RT: 18.880 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BN034075.D

Acq: 20 Sep 2024 07:47

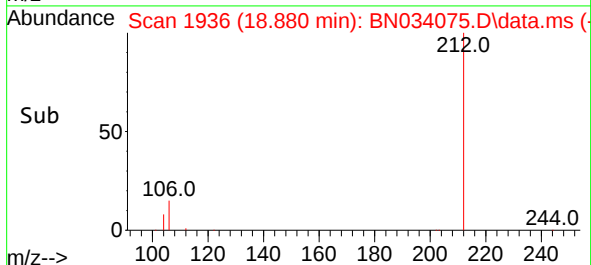
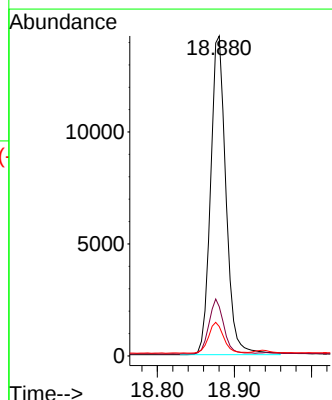
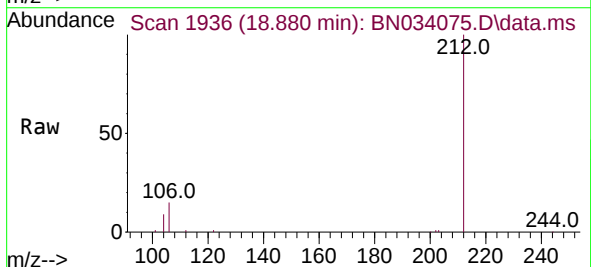
Tgt Ion:212 Resp: 19756

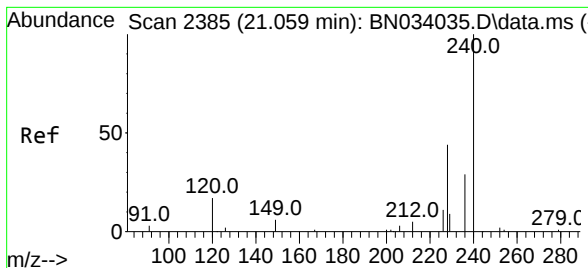
Ion Ratio Lower Upper

212 100

106 16.6 13.4 20.2

104 9.4 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.053 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN034075.D

Acq: 20 Sep 2024 07:47

Instrument :

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ClientSampleId :

MW203D1-20240910

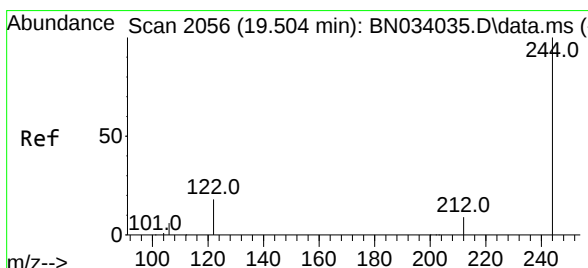
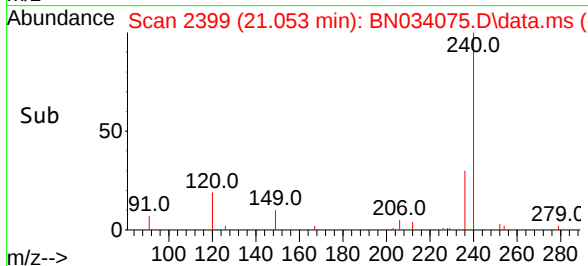
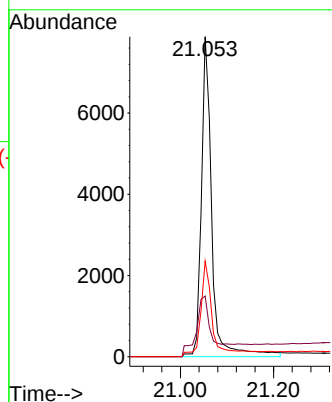
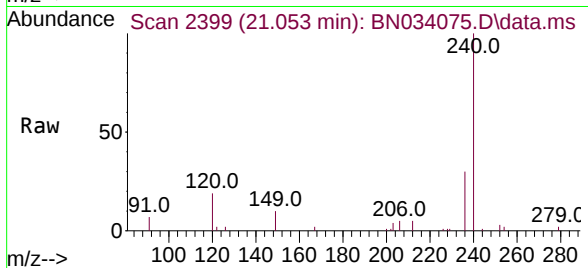
Tgt Ion:240 Resp: 11708

Ion Ratio Lower Upper

240 100

120 19.0 13.5 20.3

236 29.8 23.4 35.0



#31

Terphenyl-d14

Concen: 0.529 ng

RT: 19.498 min Scan# 2069

Delta R.T. -0.006 min

Lab File: BN034075.D

Acq: 20 Sep 2024 07:47

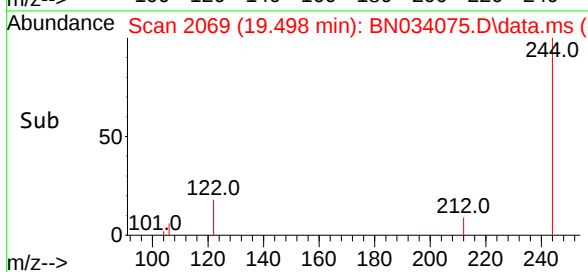
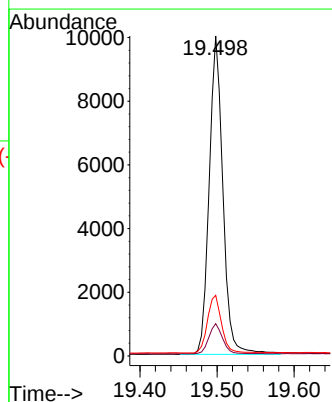
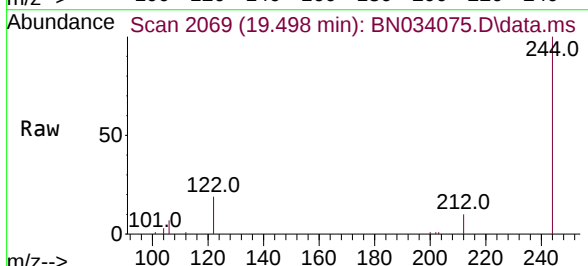
Tgt Ion:244 Resp: 12381

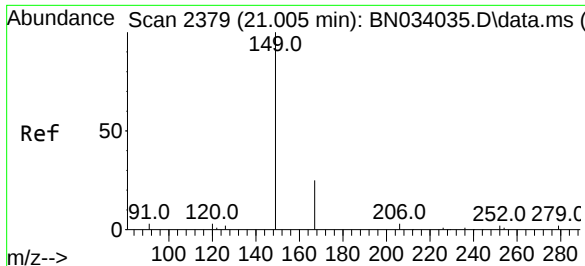
Ion Ratio Lower Upper

244 100

212 10.1 7.8 11.6

122 18.9 14.8 22.2

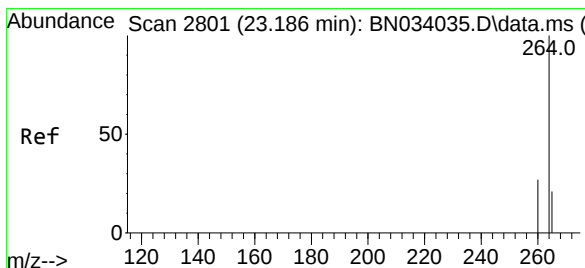
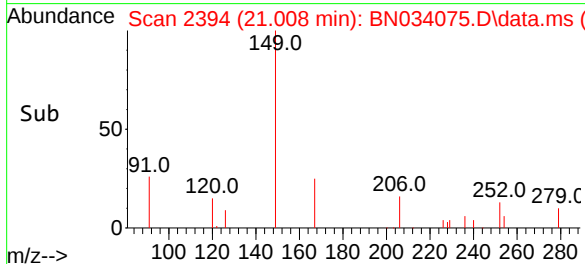
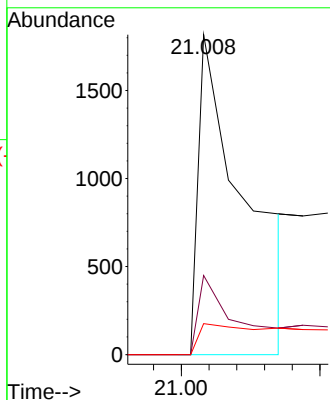
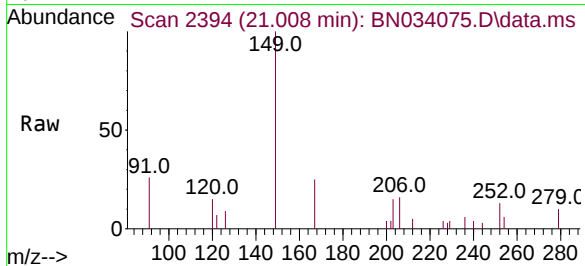




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.124 ng
RT: 21.008 min Scan# 2119
Delta R.T. 0.003 min
Lab File: BN034075.D
Acq: 20 Sep 2024 07:47

Instrument :
BNA_N
ClientSampleId :
MW203D1-20240910

Tgt Ion:149 Resp: 1919
Ion Ratio Lower Upper
149 100
167 21.8 19.9 29.9
279 10.1 4.6 6.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.180 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BN034075.D
Acq: 20 Sep 2024 07:47

Tgt Ion:264 Resp: 9662
Ion Ratio Lower Upper
264 100
260 26.9 21.7 32.5
265 87.4 52.1 78.1#

