

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092024\
 Data File : BN034066.D
 Acq On : 20 Sep 2024 02:21
 Operator : JU/RC
 Sample : P3957-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW203D-20240909

Quant Time: Sep 20 02:45:45 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)

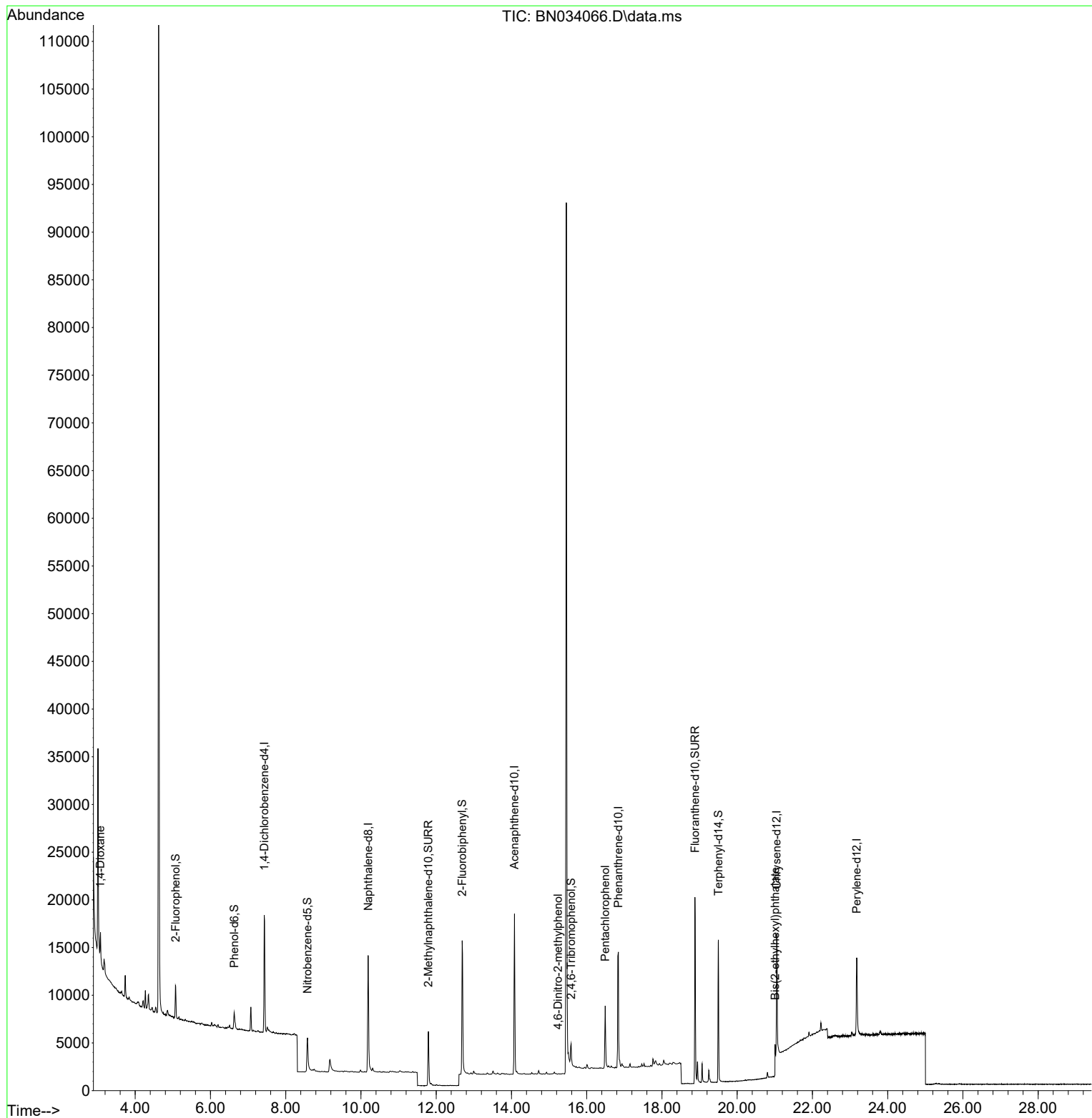
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	6093	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	16816	0.400	ng	0.00
13) Acenaphthene-d10	14.079	164	9167	0.400	ng	0.00
19) Phenanthrene-d10	16.840	188	19291	0.400	ng	0.00
29) Chrysene-d12	21.051	240	12699	0.400	ng	# 0.00
35) Perylene-d12	23.178	264	11247	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.076	112	2633	0.152	ng	0.00
5) Phenol-d6	6.629	99	1707	0.085	ng	0.00
8) Nitrobenzene-d5	8.579	82	3999	0.311	ng	0.00
11) 2-Methylnaphthalene-d10	11.791	152	8627	0.347	ng	0.00
14) 2,4,6-Tribromophenol	15.587	330	1355	0.326	ng	0.00
15) 2-Fluorobiphenyl	12.690	172	14205	0.381	ng	-0.01
27) Fluoranthene-d10	18.878	212	20957	0.431	ng	0.00
31) Terphenyl-d14	19.501	244	14060	0.554	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.076	88	1680	0.221	ng	# 36
20) 4,6-Dinitro-2-methylph...	15.234	198	3	0.139	ng	# 1
24) Pentachlorophenol	16.493	266	3092	0.769	ng	99
34) Bis(2-ethylhexyl)phtha...	21.006	149	1407	0.084	ng	# 90

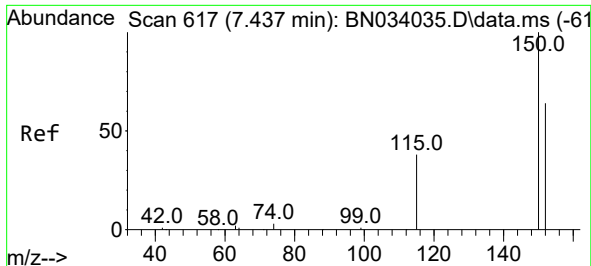
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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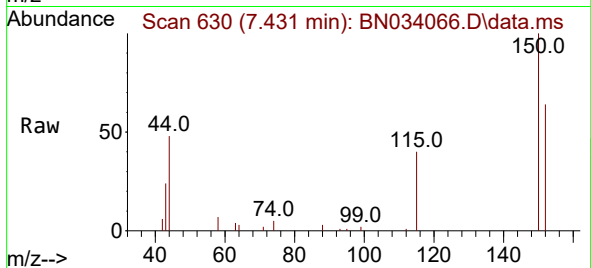
Quant Time: Sep 20 02:45:45 2024
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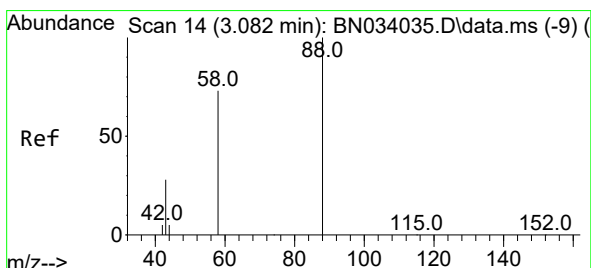
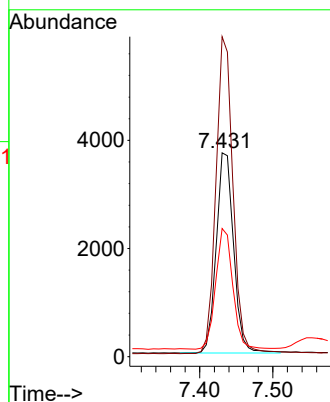
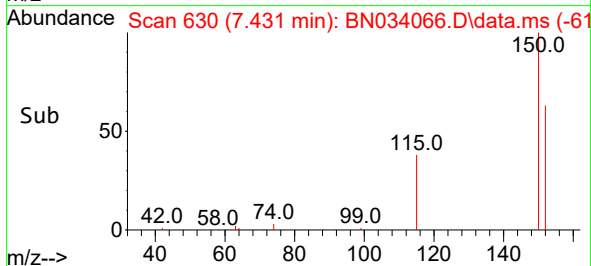


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.431 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN034066.D
Acq: 20 Sep 2024 02:21

Instrument :
BNA_N
ClientSampleId :
MW203D-20240909

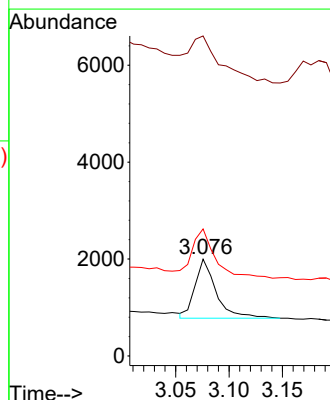
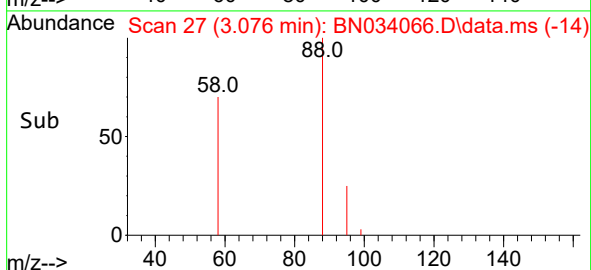
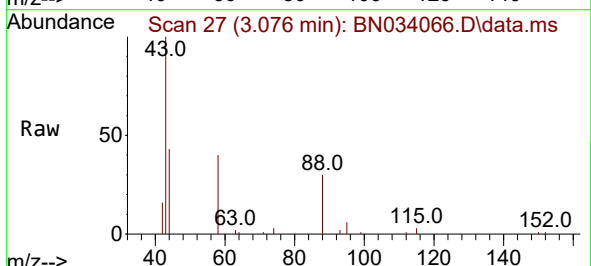


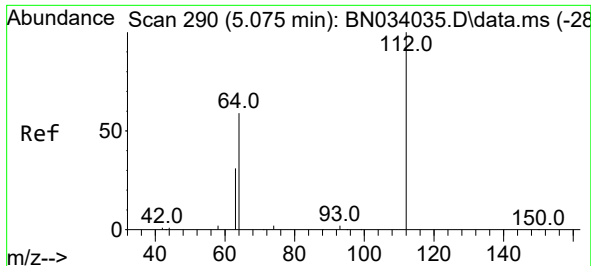
Tgt Ion:152 Resp: 6093
Ion Ratio Lower Upper
152 100
150 157.0 124.6 187.0
115 62.9 50.0 75.0



#2
1,4-Dioxane
Concen: 0.221 ng
RT: 3.076 min Scan# 27
Delta R.T. -0.006 min
Lab File: BN034066.D
Acq: 20 Sep 2024 02:21

Tgt Ion: 88 Resp: 1680
Ion Ratio Lower Upper
88 100
43 119.2 25.8 38.8#
58 93.8 58.8 88.2#

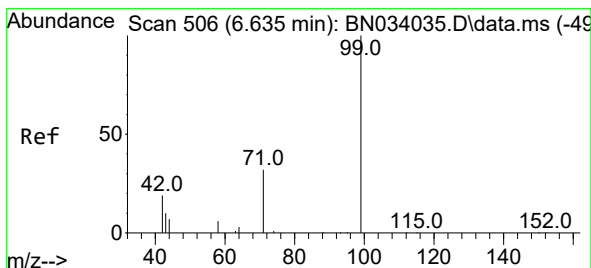
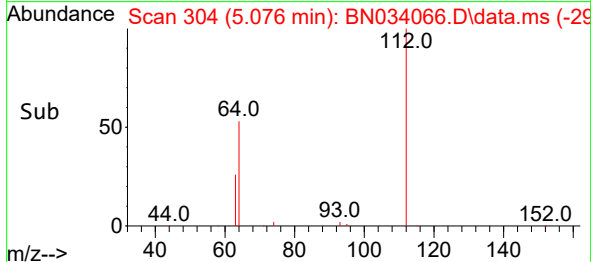
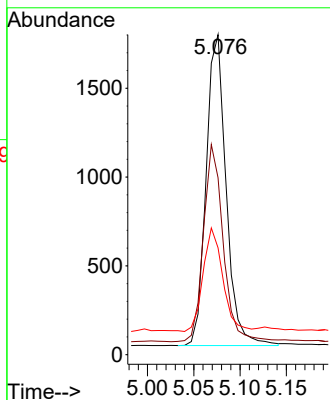
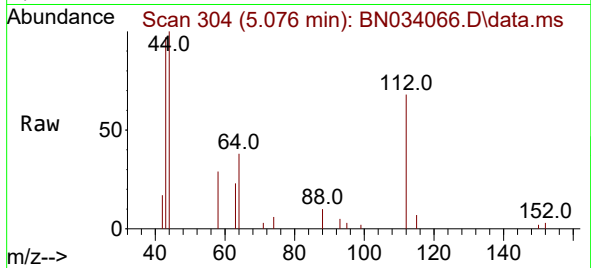




#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.076 min Scan# 304
Delta R.T. 0.001 min
Lab File: BN034066.D
Acq: 20 Sep 2024 02:21

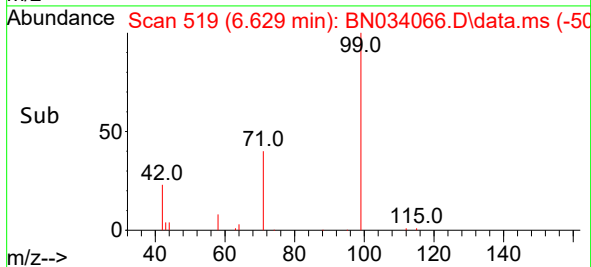
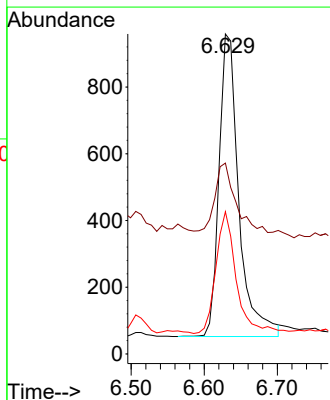
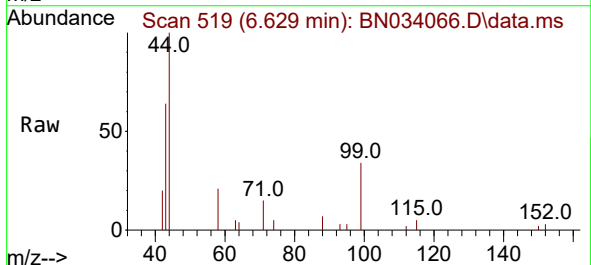
Instrument :
BNA_N
ClientSampleId :
MW203D-20240909

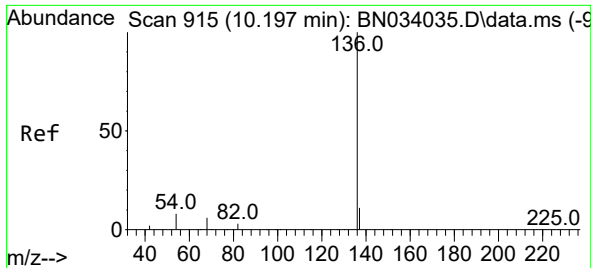
Tgt Ion: 112 Resp: 2633
Ion Ratio Lower Upper
112 100
64 62.6 48.6 72.8
63 31.9 25.6 38.4



#5
Phenol-d6
Concen: 0.085 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034066.D
Acq: 20 Sep 2024 02:21

Tgt Ion: 99 Resp: 1707
Ion Ratio Lower Upper
99 100
42 23.3 17.8 26.8
71 41.2 26.2 39.2#

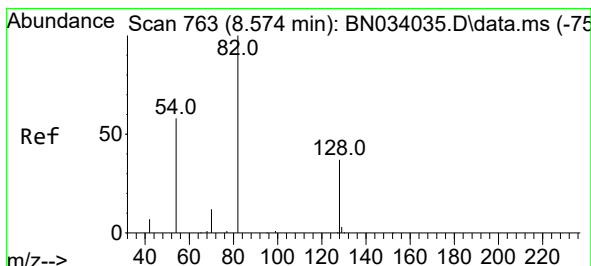
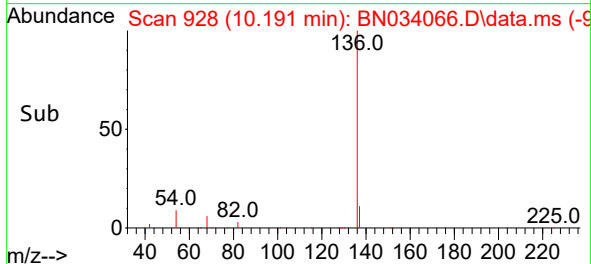
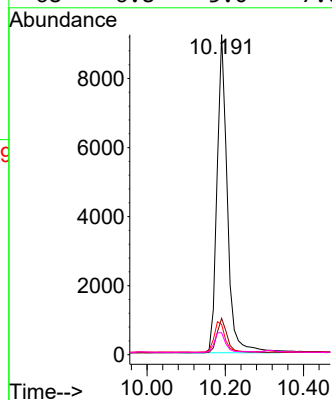
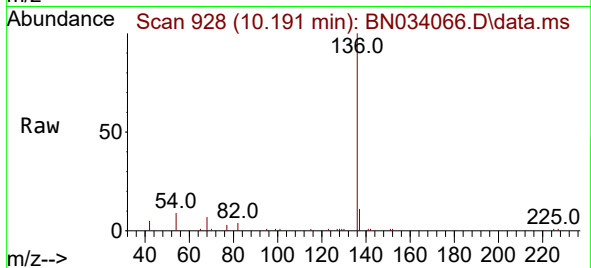




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 915
Delta R.T. -0.006 min
Lab File: BN034066.D
Acq: 20 Sep 2024 02:21

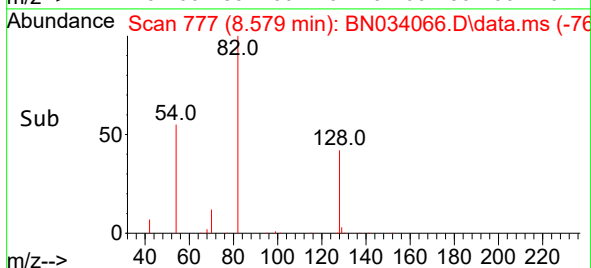
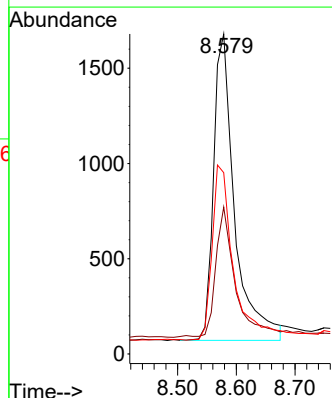
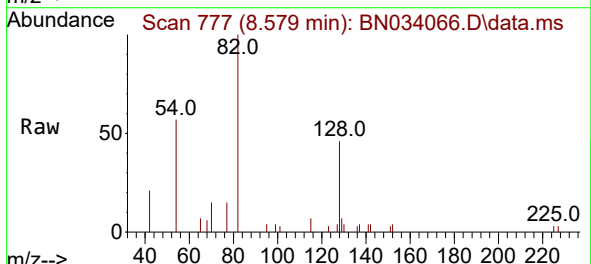
Instrument :
BNA_N
ClientSampleId :
MW203D-20240909

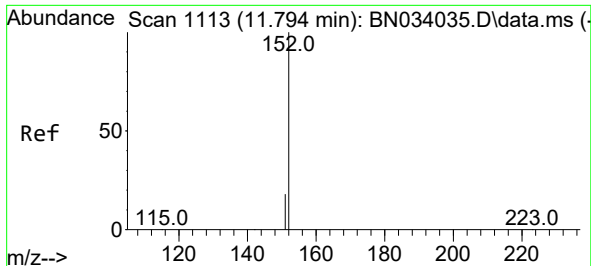
Tgt Ion:136	Resp:	16816
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.0 13.6
54	9.5	6.8 10.2
68	6.8	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 8.579 min Scan# 777
Delta R.T. 0.005 min
Lab File: BN034066.D
Acq: 20 Sep 2024 02:21

Tgt Ion: 82	Resp:	3999
Ion Ratio	Lower	Upper
82	100	
128	45.9	31.4 47.2
54	56.7	47.4 71.0

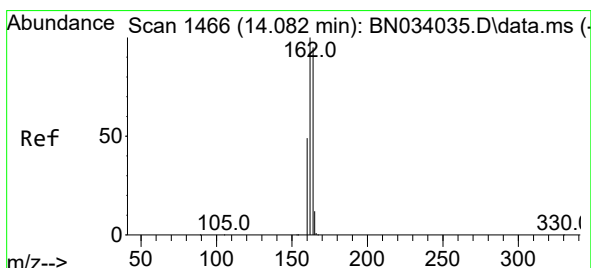
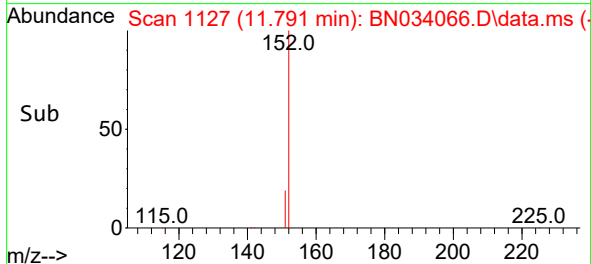
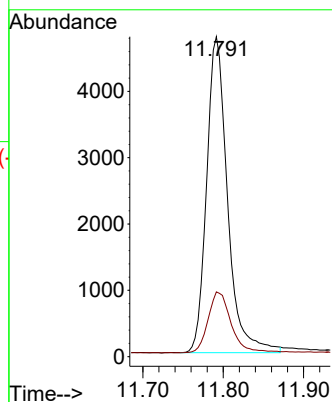
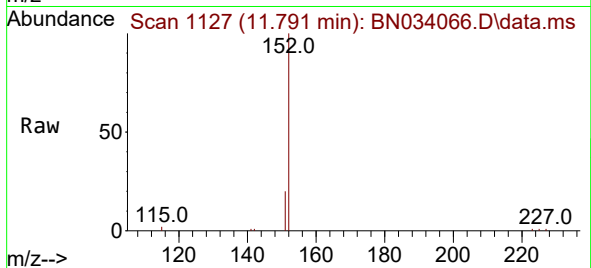




#11
2-Methylnaphthalene-d10
Concen: 0.347 ng
RT: 11.791 min Scan# 1113
Delta R.T. -0.002 min
Lab File: BN034066.D
Acq: 20 Sep 2024 02:21

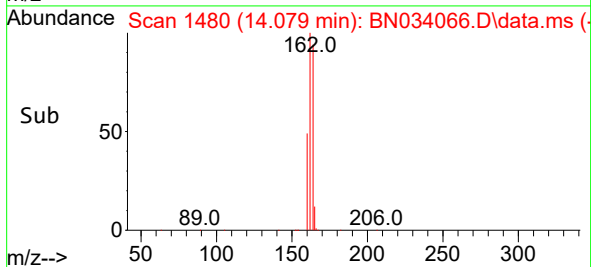
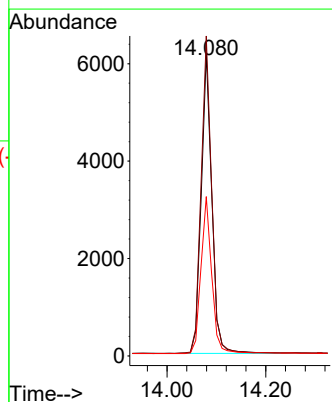
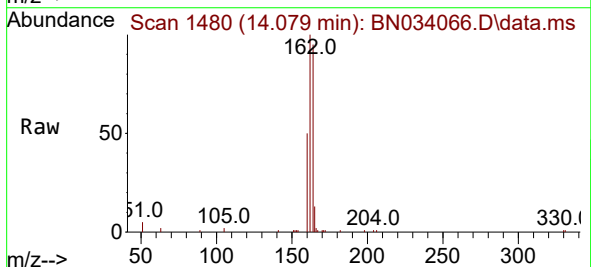
Instrument :
BNA_N
ClientSampleId :
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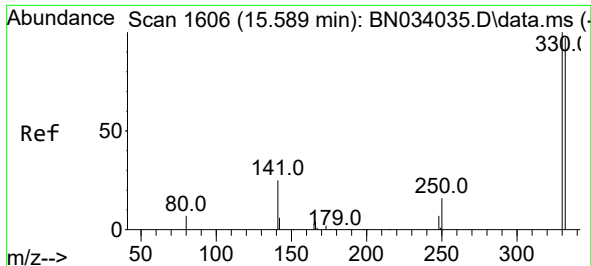
Tgt Ion:152 Resp: 8627
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.079 min Scan# 1480
Delta R.T. -0.002 min
Lab File: BN034066.D
Acq: 20 Sep 2024 02:21

Tgt Ion:164 Resp: 9167
Ion Ratio Lower Upper
164 100
162 105.7 84.2 126.2
160 52.7 41.7 62.5

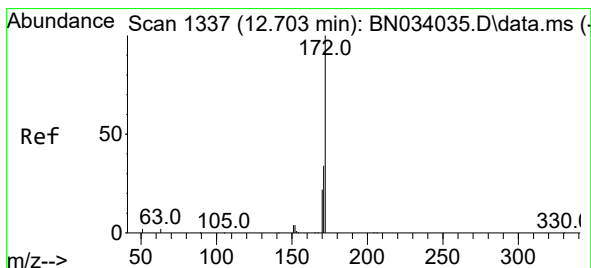
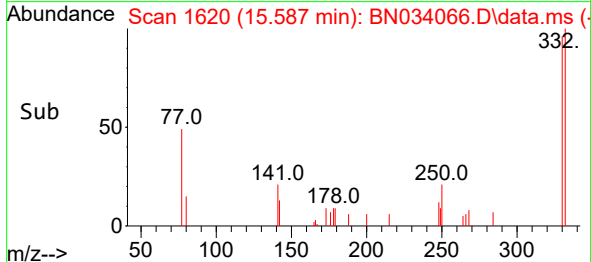
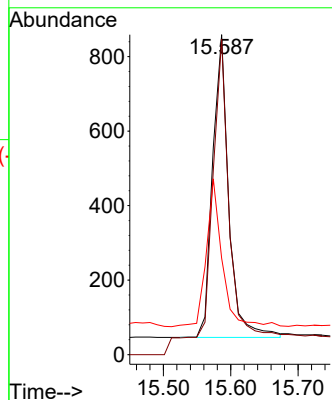
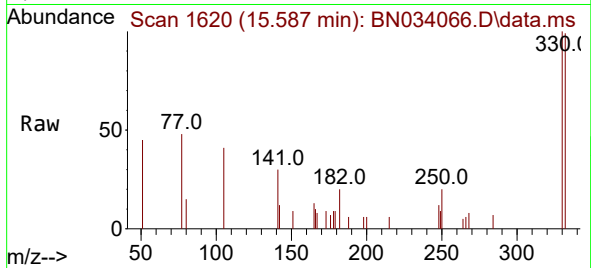




#14
2,4,6-Tribromophenol
Concen: 0.326 ng
RT: 15.587 min Scan# 1
Delta R.T. -0.002 min
Lab File: BN034066.D
Acq: 20 Sep 2024 02:21

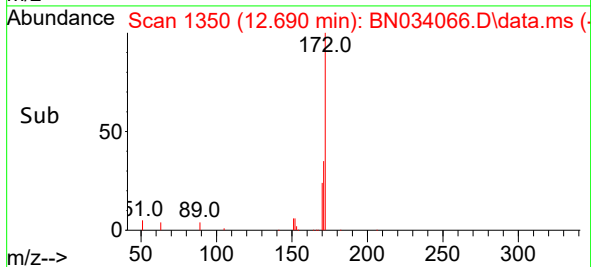
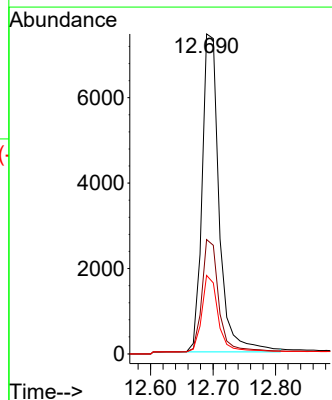
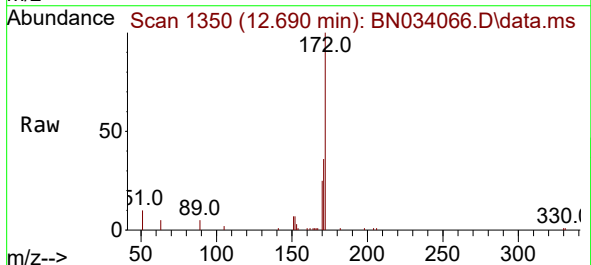
Instrument :
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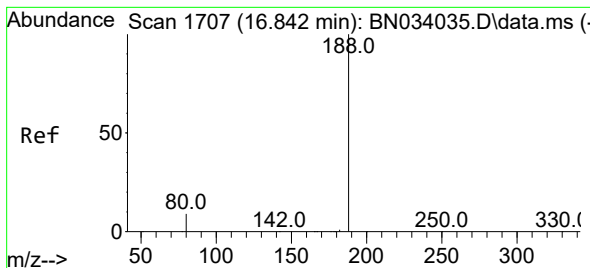
Tgt Ion:330 Resp: 1355
Ion Ratio Lower Upper
330 100
332 94.2 77.4 116.0
141 47.7 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.381 ng
RT: 12.690 min Scan# 1350
Delta R.T. -0.013 min
Lab File: BN034066.D
Acq: 20 Sep 2024 02:21

Tgt Ion:172 Resp: 14205
Ion Ratio Lower Upper
172 100
171 35.7 27.3 40.9
170 24.5 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.840 min Scan# 11

Delta R.T. -0.002 min

Lab File: BN034066.D

Acq: 20 Sep 2024 02:21

Instrument :

BNA_N

ClientSampleId :

MW203D-20240909

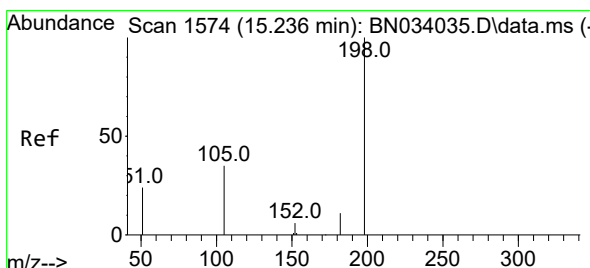
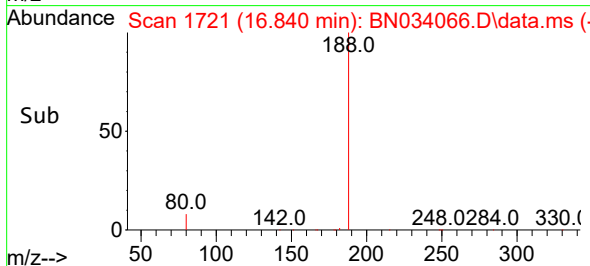
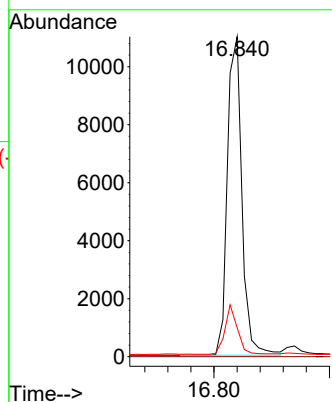
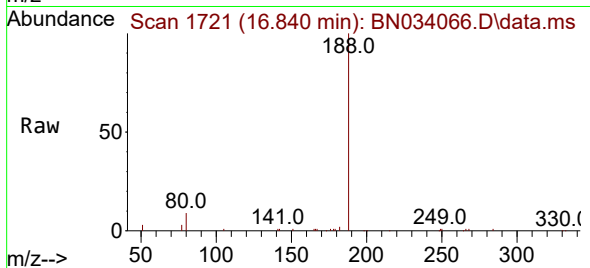
Tgt Ion:188 Resp: 19291

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.1 7.4 11.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.139 ng

RT: 15.234 min Scan# 1588

Delta R.T. -0.002 min

Lab File: BN034066.D

Acq: 20 Sep 2024 02:21

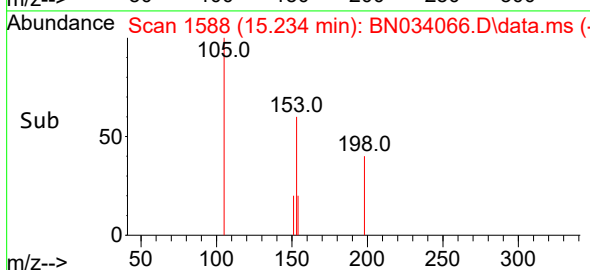
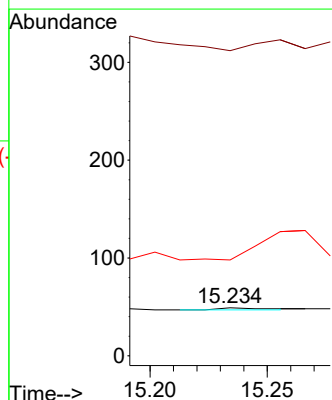
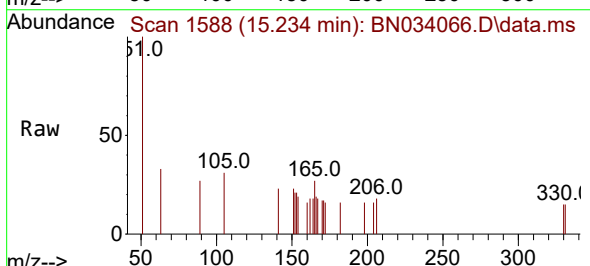
Tgt Ion:198 Resp: 3

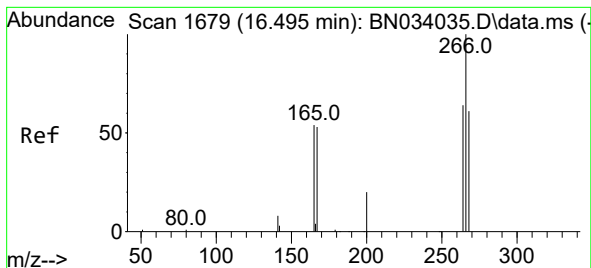
Ion Ratio Lower Upper

198 100

51 636.7 106.4 159.6#

105 200.0 38.5 57.7#





#24

Pentachlorophenol

Concen: 0.769 ng

RT: 16.493 min Scan# 1693

Delta R.T. -0.002 min

Lab File: BN034066.D

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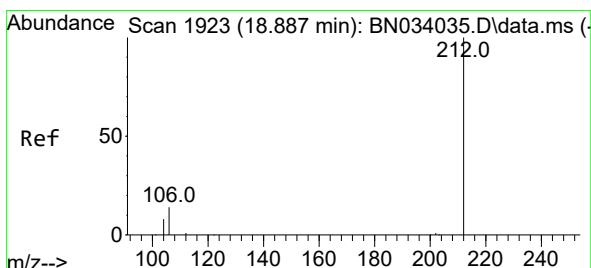
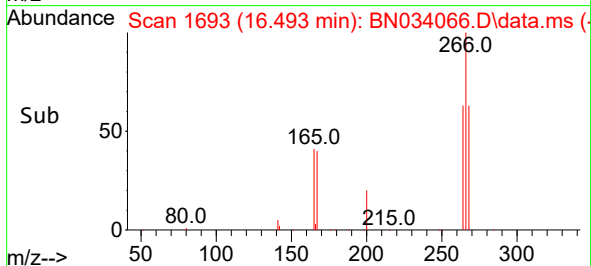
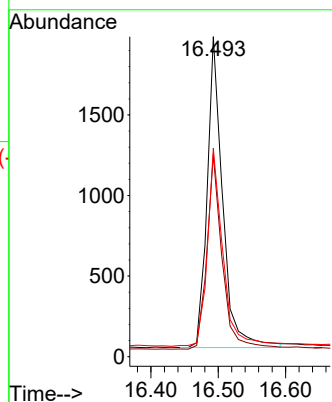
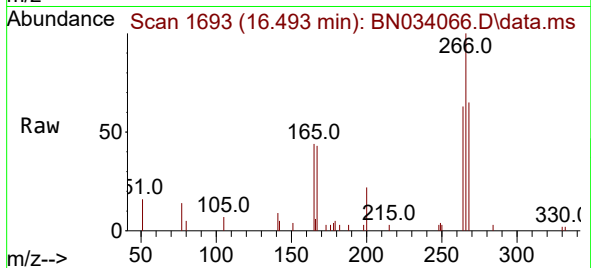
Tgt Ion:266 Resp: 3092

Ion Ratio Lower Upper

266 100

264 62.1 50.2 75.2

268 64.1 51.0 76.4



#27

Fluoranthene-d10

Concen: 0.431 ng

RT: 18.878 min Scan# 1934

Delta R.T. -0.008 min

Lab File: BN034066.D

Acq: 20 Sep 2024 02:21

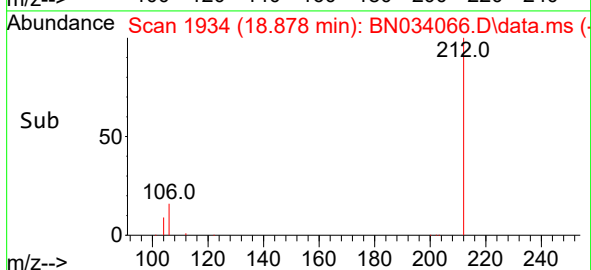
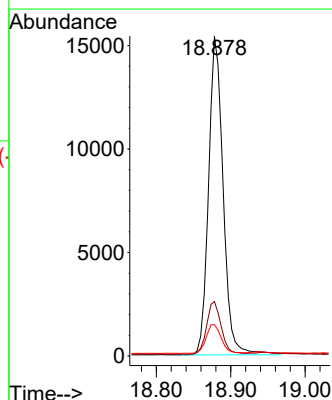
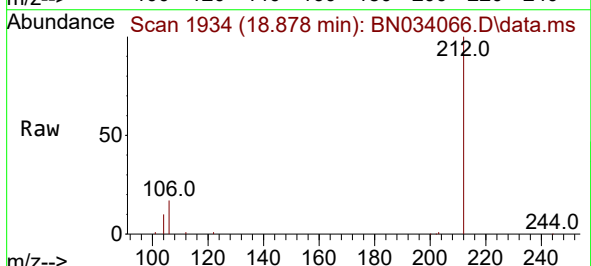
Tgt Ion:212 Resp: 20957

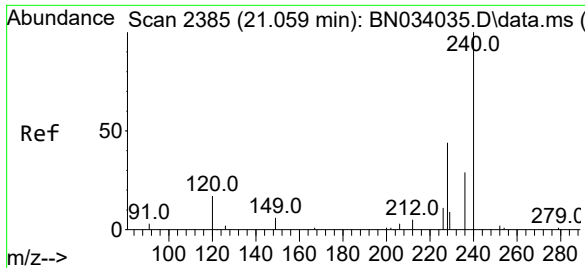
Ion Ratio Lower Upper

212 100

106 16.5 13.4 20.2

104 9.5 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.051 min Scan# 21

Delta R.T. -0.008 min

Lab File: BN034066.D

Acq: 20 Sep 2024 02:21

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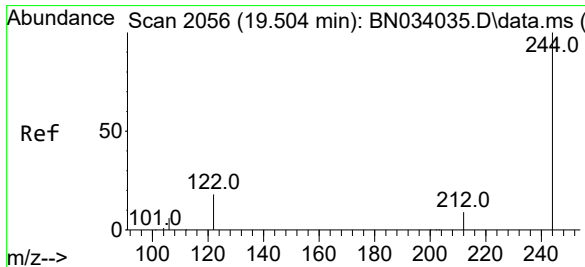
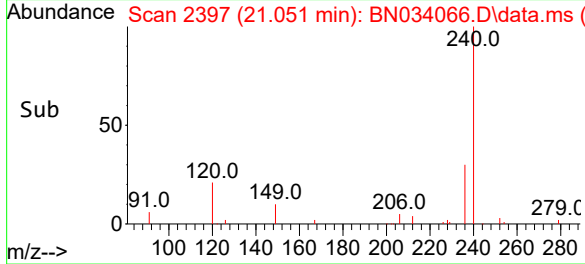
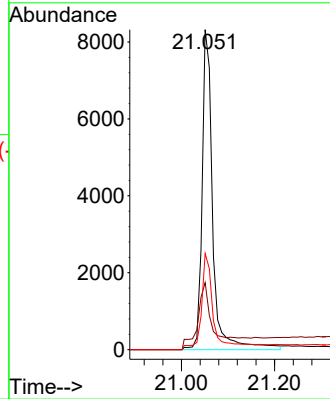
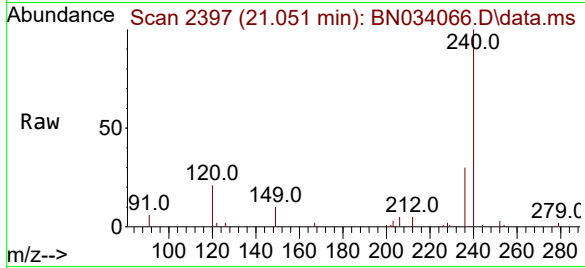
Tgt Ion:240 Resp: 12699

Ion Ratio Lower Upper

240 100

120 21.0 13.5 20.3#

236 30.0 23.4 35.0



#31

Terphenyl-d14

Concen: 0.554 ng

RT: 19.501 min Scan# 2068

Delta R.T. -0.004 min

Lab File: BN034066.D

Acq: 20 Sep 2024 02:21

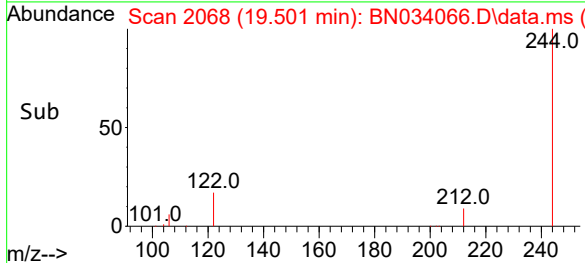
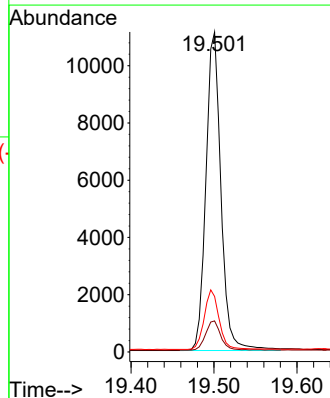
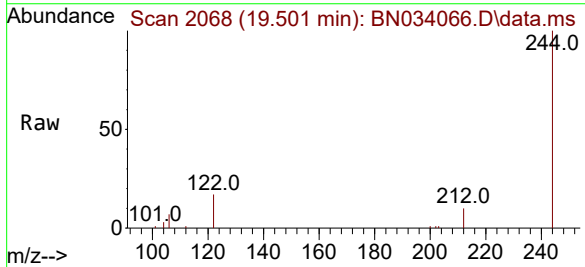
Tgt Ion:244 Resp: 14060

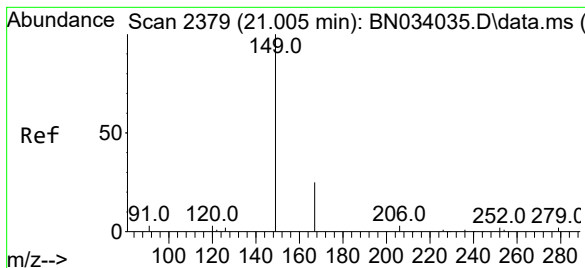
Ion Ratio Lower Upper

244 100

212 9.7 7.8 11.6

122 17.3 14.8 22.2

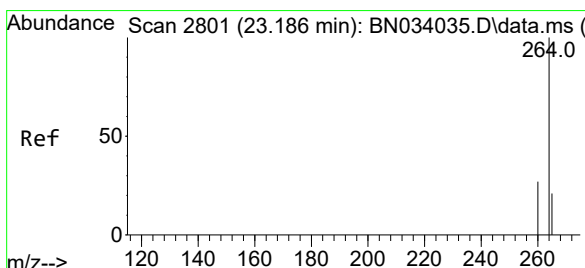
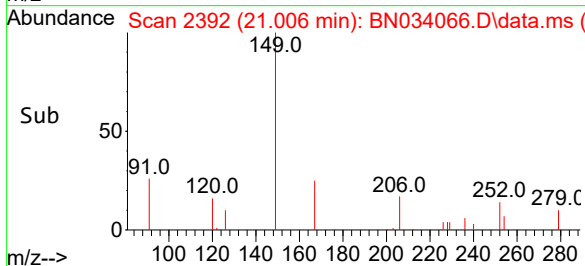
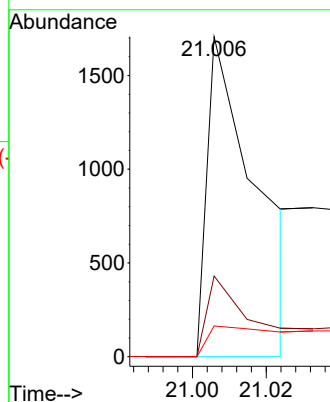
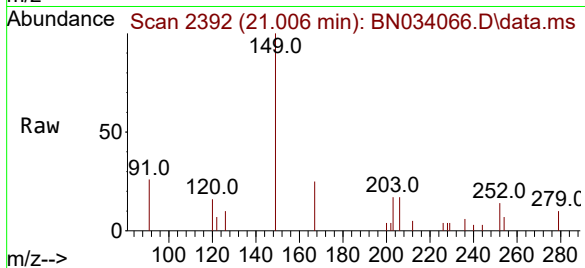




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.084 ng
RT: 21.006 min Scan# 2111
Delta R.T. 0.001 min
Lab File: BN034066.D
Acq: 20 Sep 2024 02:21

Instrument :
BNA_N
ClientSampleId :
MW203D-20240909

Tgt Ion:149 Resp: 1407
Ion Ratio Lower Upper
149 100
167 28.7 19.9 29.9
279 12.9 4.6 6.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.178 min Scan# 2813
Delta R.T. -0.008 min
Lab File: BN034066.D
Acq: 20 Sep 2024 02:21

Tgt Ion:264 Resp: 11247
Ion Ratio Lower Upper
264 100
260 27.2 21.7 32.5
265 84.0 52.1 78.1#

