

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092024\
 Data File : BN034065.D
 Acq On : 20 Sep 2024 01:44
 Operator : JU/RC
 Sample : P3957-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW202D1-20240909

Quant Time: Sep 20 02:32:23 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)

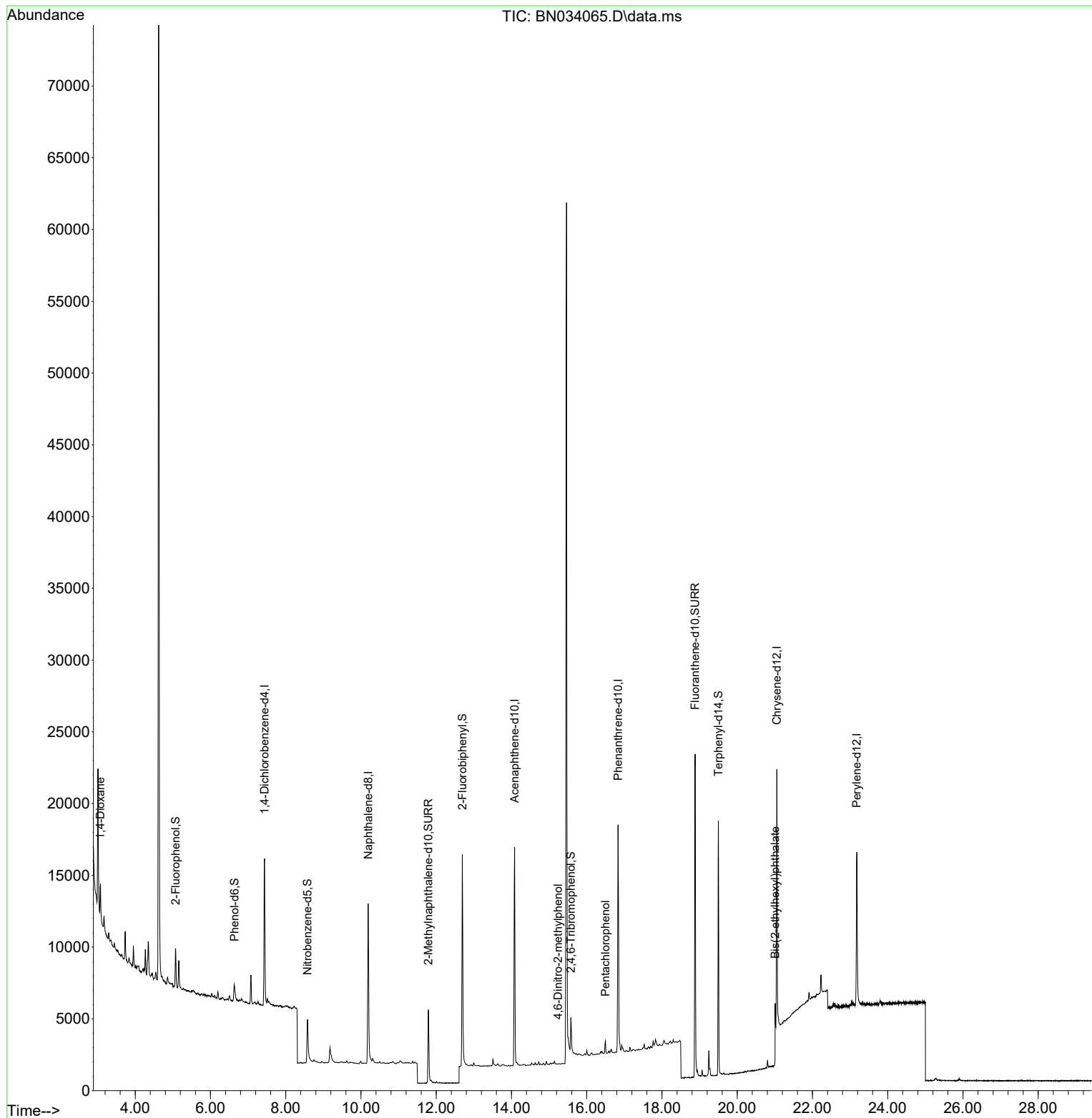
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.438	152	5233	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	15507	0.400	ng	0.00
13) Acenaphthene-d10	14.083	164	8960	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	20931	0.400	ng	# 0.00
29) Chrysene-d12	21.053	240	15933	0.400	ng	0.00
35) Perylene-d12	23.177	264	13544	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.076	112	2092	0.141	ng	0.00
5) Phenol-d6	6.636	99	1317	0.076	ng	0.00
8) Nitrobenzene-d5	8.578	82	3368	0.284	ng	0.00
11) 2-Methylnaphthalene-d10	11.791	152	7815	0.341	ng	0.00
14) 2,4,6-Tribromophenol	15.579	330	1402	0.345	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	13453	0.369	ng	0.00
27) Fluoranthene-d10	18.880	212	24384	0.462	ng	0.00
31) Terphenyl-d14	19.498	244	16221	0.510	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.075	88	1569	0.240	ng	# 50
20) 4,6-Dinitro-2-methylph...	15.238	198	19	0.143	ng	# 1
24) Pentachlorophenol	16.498	266	495	0.113	ng	97
34) Bis(2-ethylhexyl)phtha...	21.008	149	2149	0.102	ng	# 88

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

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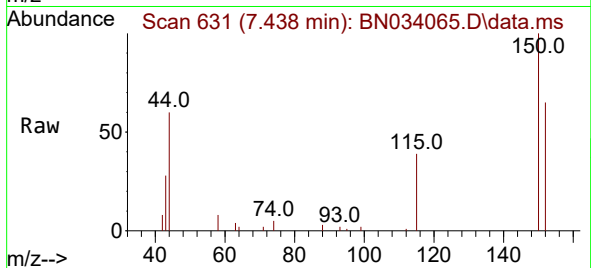
Quant Time: Sep 20 02:32:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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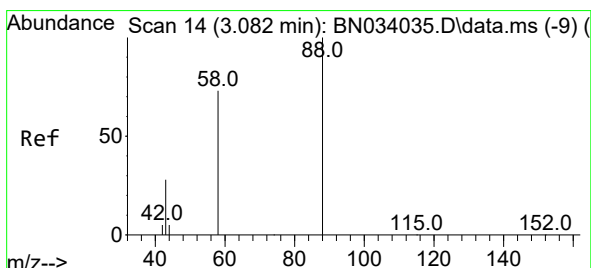
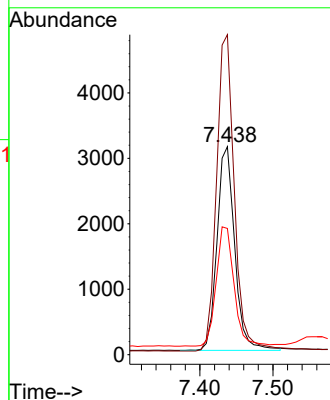
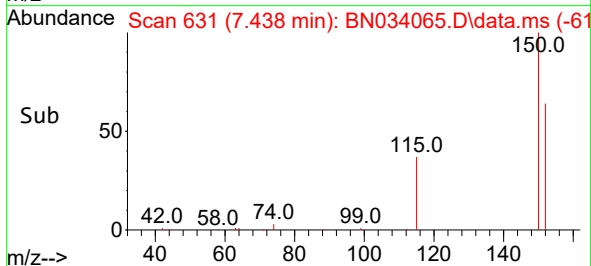


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.438 min Scan# 61
Delta R.T. 0.001 min
Lab File: BN034065.D
Acq: 20 Sep 2024 01:44

Instrument :
BNA_N
ClientSampleId :
MW202D1-20240909

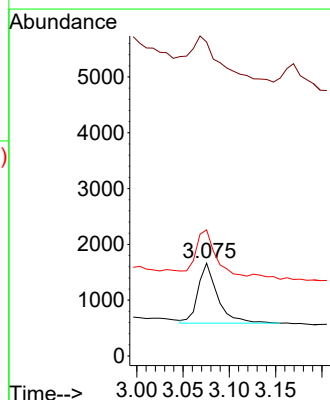
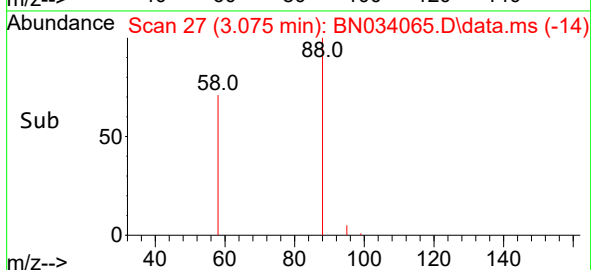
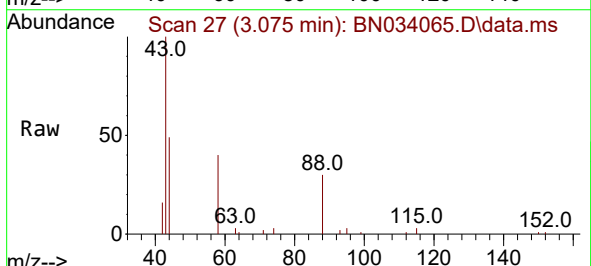


Tgt Ion:152 Resp: 5233
Ion Ratio Lower Upper
152 100
150 153.8 124.6 187.0
115 60.6 50.0 75.0



#2
1,4-Dioxane
Concen: 0.240 ng
RT: 3.075 min Scan# 27
Delta R.T. -0.006 min
Lab File: BN034065.D
Acq: 20 Sep 2024 01:44

Tgt Ion: 88 Resp: 1569
Ion Ratio Lower Upper
88 100
43 117.1 25.8 38.8#
58 77.6 58.8 88.2

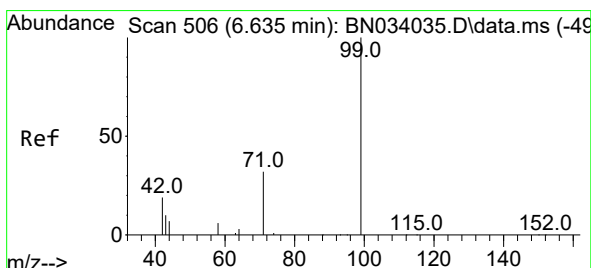
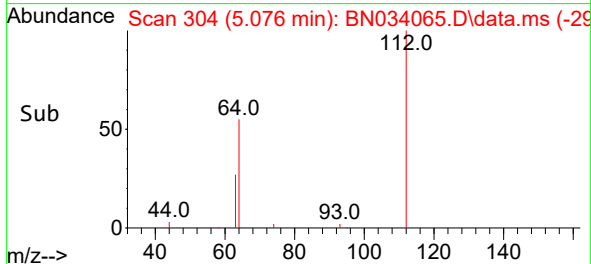
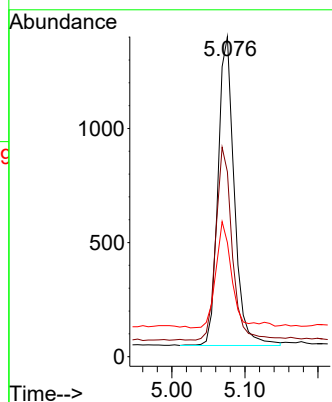
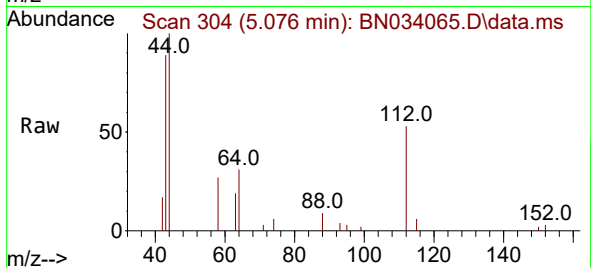




#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.076 min Scan# 304
Delta R.T. 0.001 min
Lab File: BN034065.D
Acq: 20 Sep 2024 01:44

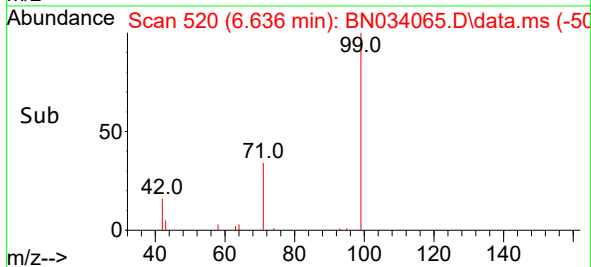
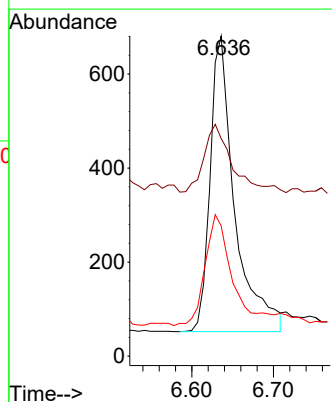
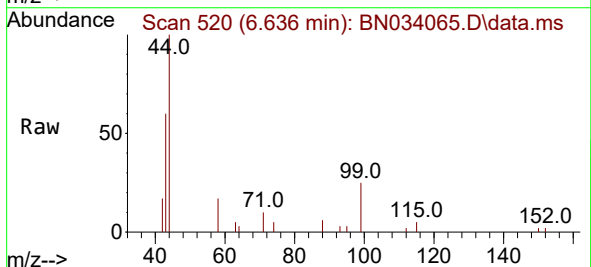
Instrument :
BNA_N
ClientSampleId :
MW202D1-20240909

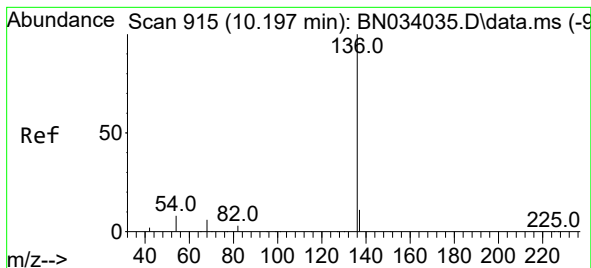
Tgt Ion:112 Resp: 2092
Ion Ratio Lower Upper
112 100
64 61.8 48.6 72.8
63 34.6 25.6 38.4



#5
Phenol-d6
Concen: 0.076 ng
RT: 6.636 min Scan# 520
Delta R.T. 0.001 min
Lab File: BN034065.D
Acq: 20 Sep 2024 01:44

Tgt Ion: 99 Resp: 1317
Ion Ratio Lower Upper
99 100
42 25.7 17.8 26.8
71 41.8 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: BN034065.D

Acq: 20 Sep 2024 01:44

Instrument :

BNA_N

ClientSampleId :

MW202D1-20240909

Tgt Ion:136 Resp: 15507

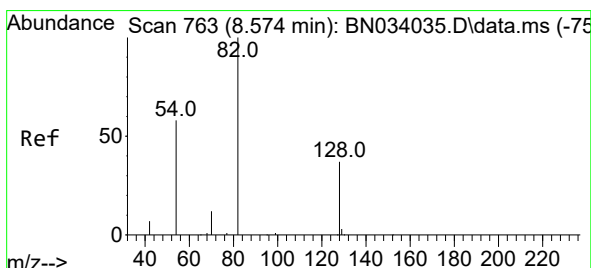
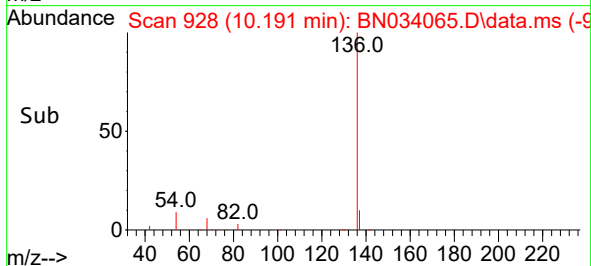
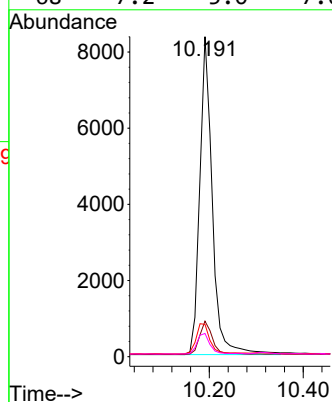
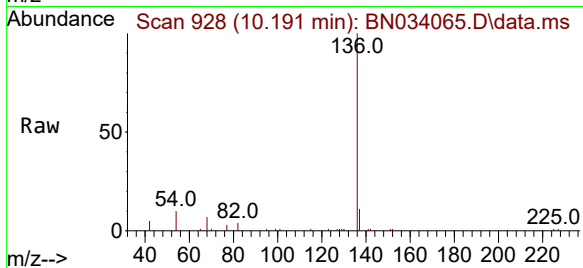
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 10.1 6.8 10.2

68 7.2 5.0 7.6



#8

Nitrobenzene-d5

Concen: 0.284 ng

RT: 8.578 min Scan# 777

Delta R.T. 0.004 min

Lab File: BN034065.D

Acq: 20 Sep 2024 01:44

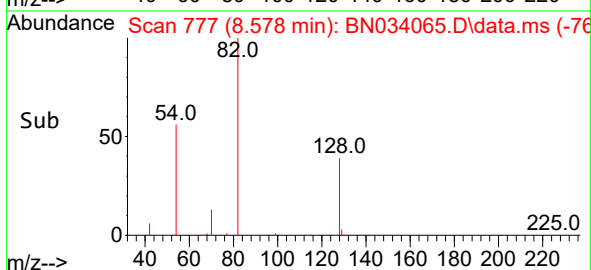
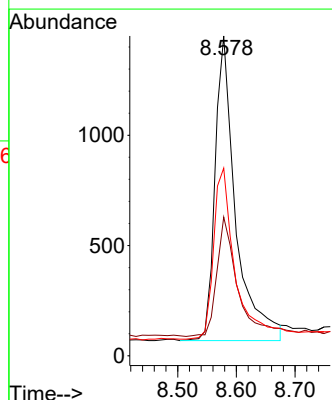
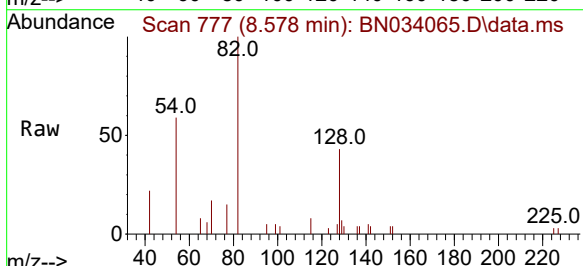
Tgt Ion: 82 Resp: 3368

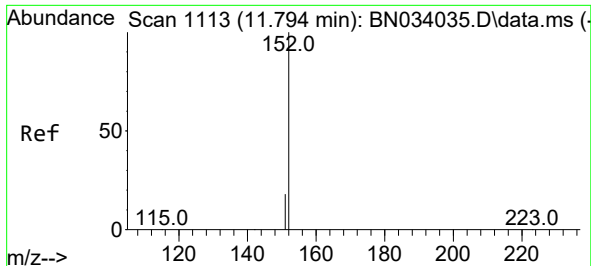
Ion Ratio Lower Upper

82 100

128 43.4 31.4 47.2

54 58.7 47.4 71.0

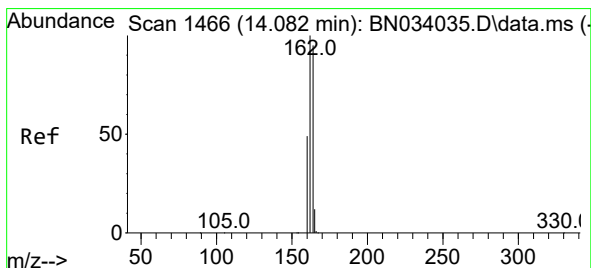
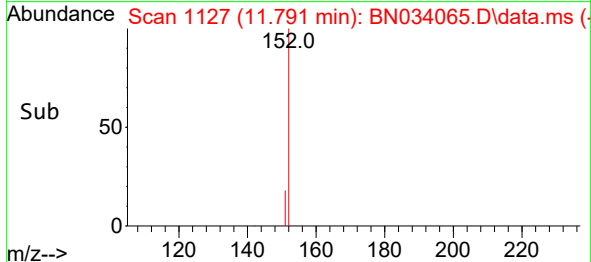
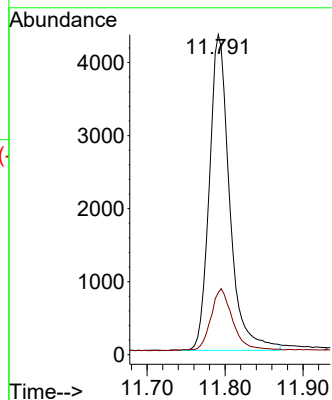
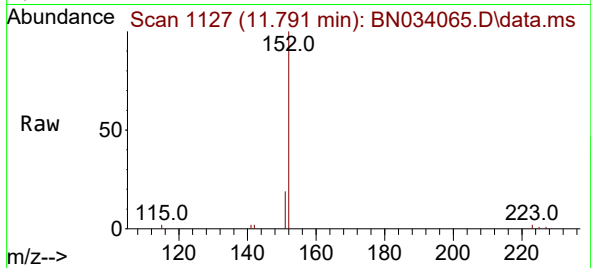




#11
2-Methylnaphthalene-d10
Concen: 0.341 ng
RT: 11.791 min Scan# 1113
Delta R.T. -0.002 min
Lab File: BN034065.D
Acq: 20 Sep 2024 01:44

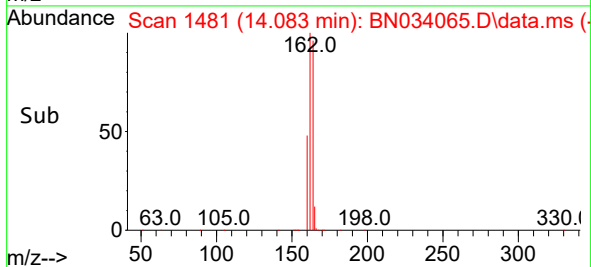
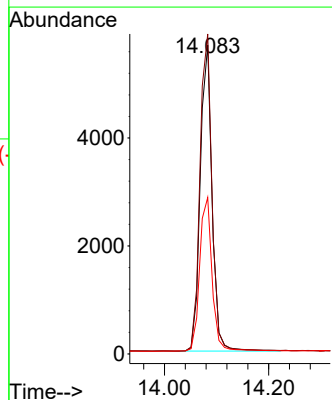
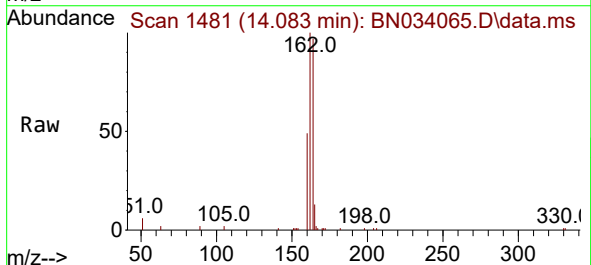
Instrument :
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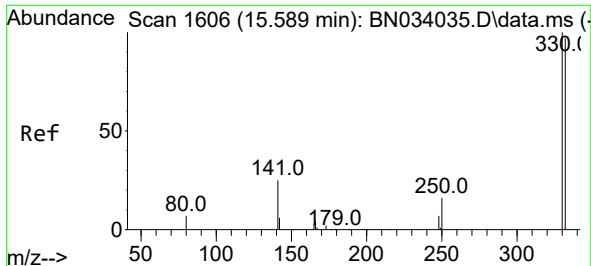
Tgt Ion:152 Resp: 7815
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.083 min Scan# 1481
Delta R.T. 0.001 min
Lab File: BN034065.D
Acq: 20 Sep 2024 01:44

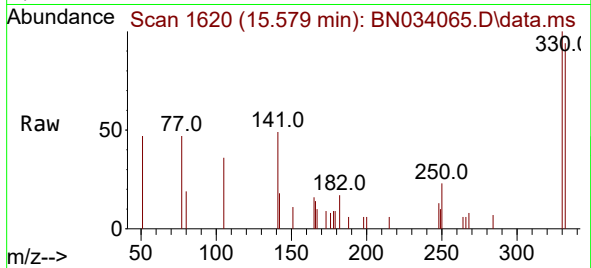
Tgt Ion:164 Resp: 8960
Ion Ratio Lower Upper
164 100
162 103.6 84.2 126.2
160 50.7 41.7 62.5



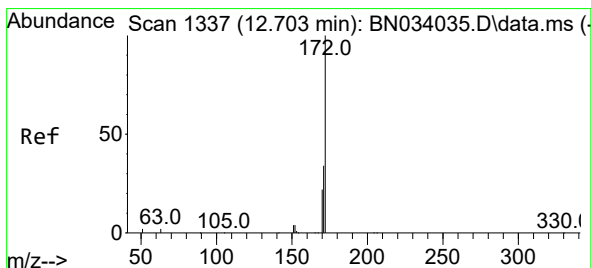
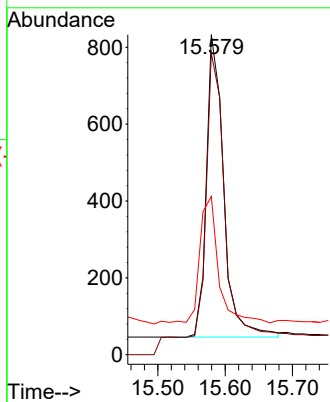
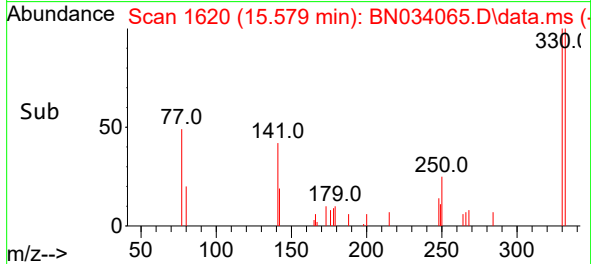


#14
2,4,6-Tribromophenol
Concen: 0.345 ng
RT: 15.579 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034065.D
Acq: 20 Sep 2024 01:44

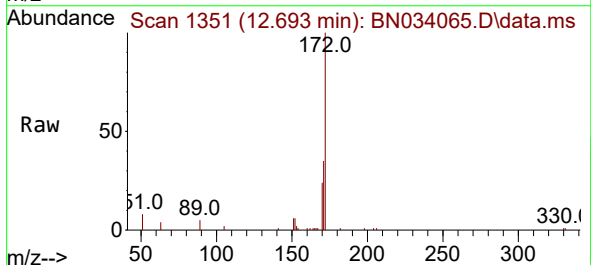
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ClientSampleId :
MW202D1-20240909



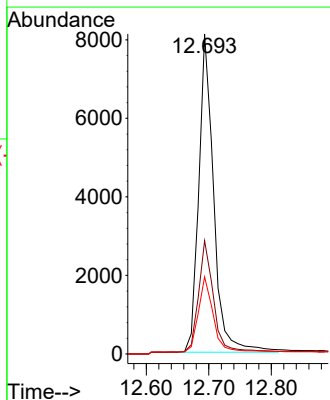
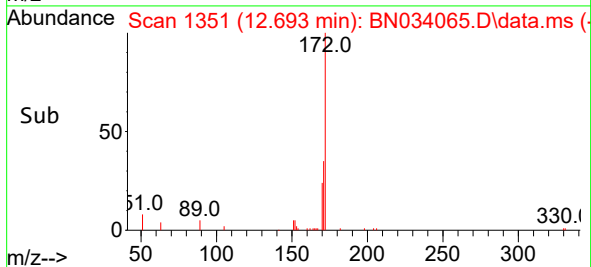
Tgt Ion:330 Resp: 1402
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.0
141 44.6 35.9 53.9

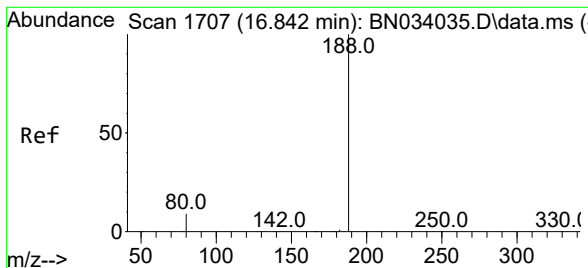


#15
2-Fluorobiphenyl
Concen: 0.369 ng
RT: 12.693 min Scan# 1351
Delta R.T. -0.009 min
Lab File: BN034065.D
Acq: 20 Sep 2024 01:44



Tgt Ion:172 Resp: 13453
Ion Ratio Lower Upper
172 100
171 35.4 27.3 40.9
170 24.1 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: BN034065.D

Acq: 20 Sep 2024 01:44

Instrument :

BNA_N

ClientSampleId :

MW202D1-20240909

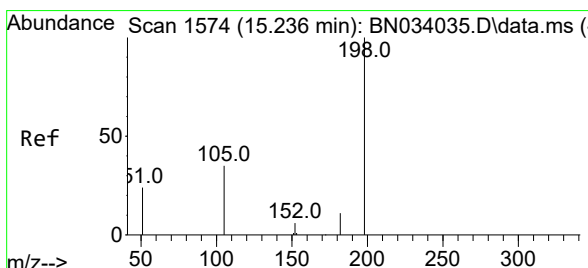
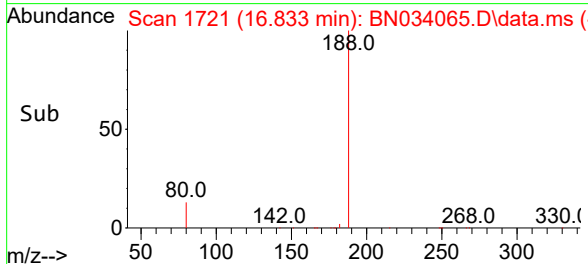
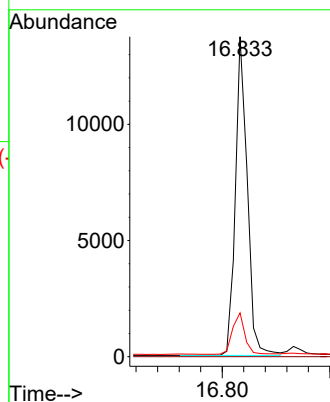
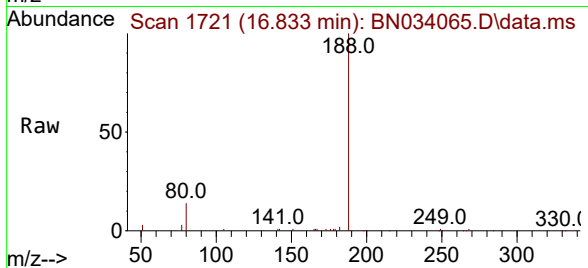
Tgt Ion:188 Resp: 20931

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.7 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.143 ng

RT: 15.238 min Scan# 1589

Delta R.T. 0.002 min

Lab File: BN034065.D

Acq: 20 Sep 2024 01:44

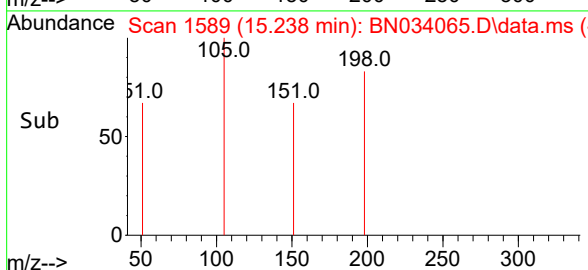
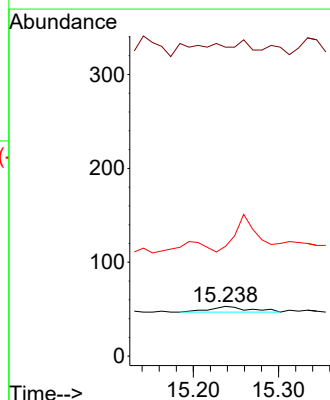
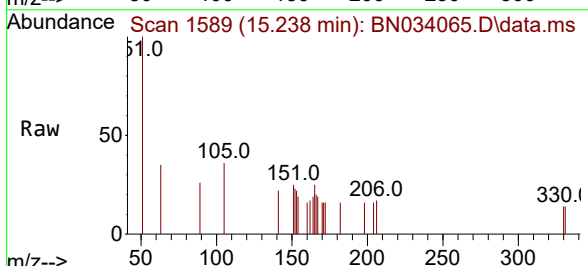
Tgt Ion:198 Resp: 19

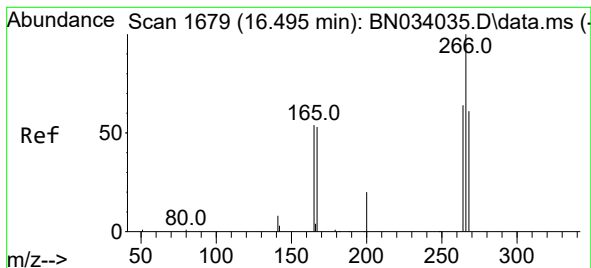
Ion Ratio Lower Upper

198 100

51 620.8 106.4 159.6#

105 220.8 38.5 57.7#





#24

Pentachlorophenol

Concen: 0.113 ng

RT: 16.498 min Scan# 1

Delta R.T. 0.003 min

Lab File: BN034065.D

Acq: 20 Sep 2024 01:44

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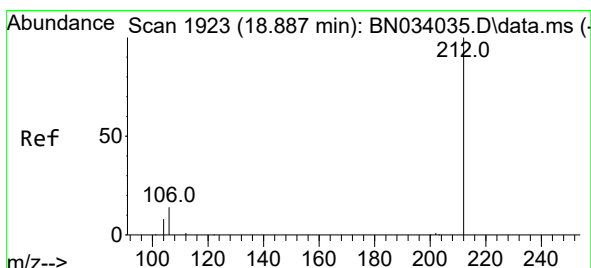
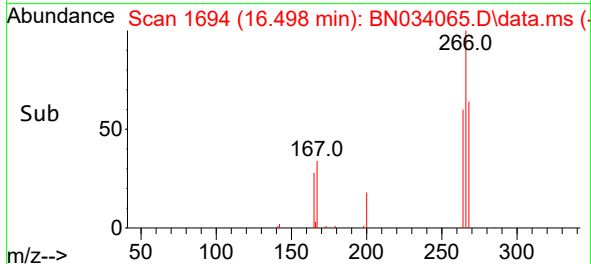
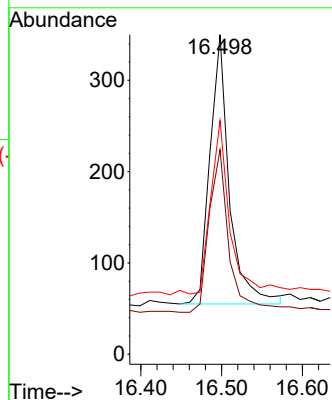
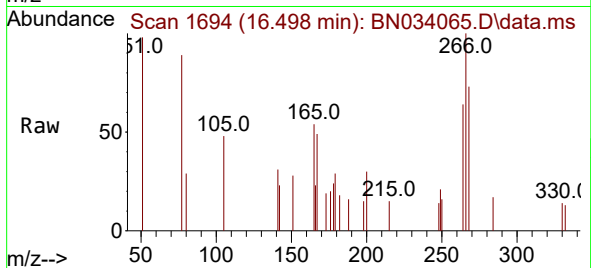
Tgt Ion:266 Resp: 495

Ion Ratio Lower Upper

266 100

264 61.2 50.2 75.2

268 66.3 51.0 76.4



#27

Fluoranthene-d10

Concen: 0.462 ng

RT: 18.880 min Scan# 1936

Delta R.T. -0.006 min

Lab File: BN034065.D

Acq: 20 Sep 2024 01:44

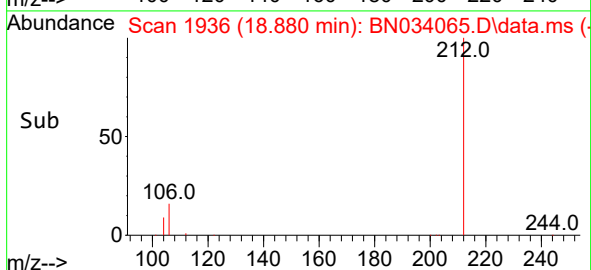
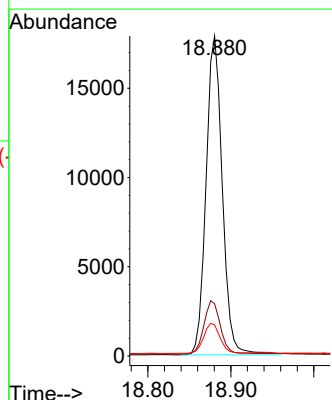
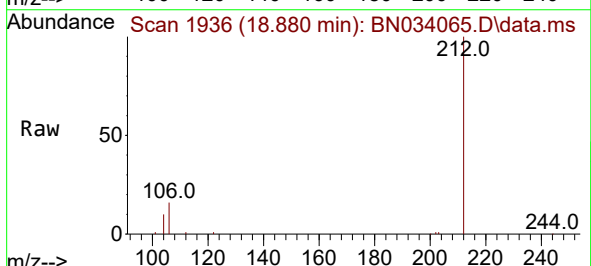
Tgt Ion:212 Resp: 24384

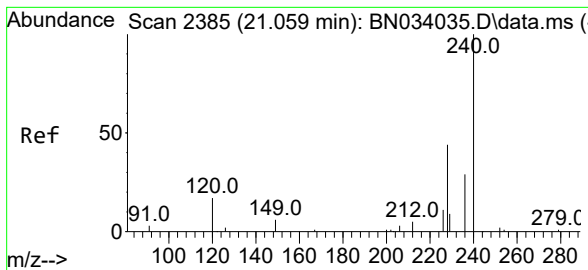
Ion Ratio Lower Upper

212 100

106 17.0 13.4 20.2

104 9.6 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: BN034065.D

Acq: 20 Sep 2024 01:44

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BNA_N

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MW202D1-20240909

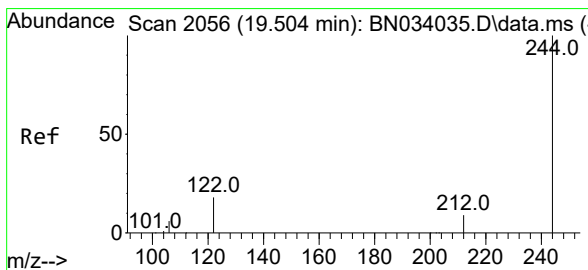
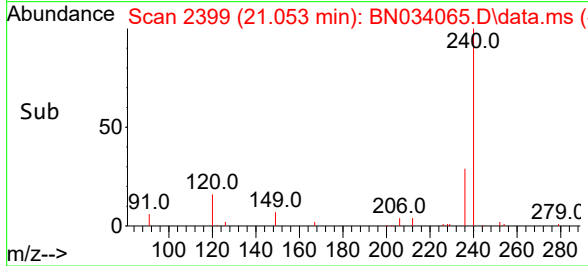
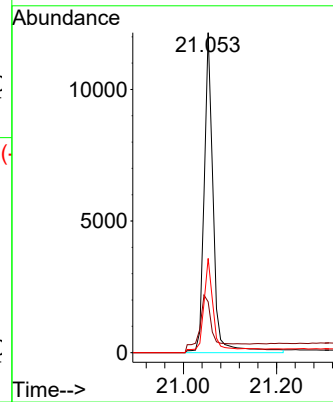
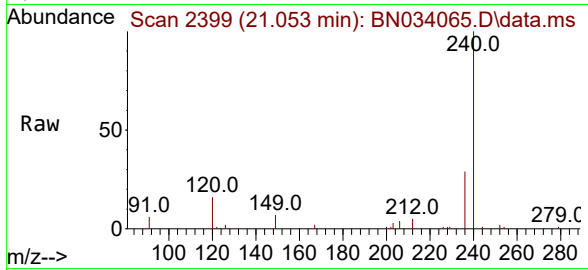
Tgt Ion:240 Resp: 15933

Ion Ratio Lower Upper

240 100

120 15.9 13.5 20.3

236 29.4 23.4 35.0



#31

Terphenyl-d14

Concen: 0.510 ng

RT: 19.498 min Scan# 2069

Delta R.T. -0.006 min

Lab File: BN034065.D

Acq: 20 Sep 2024 01:44

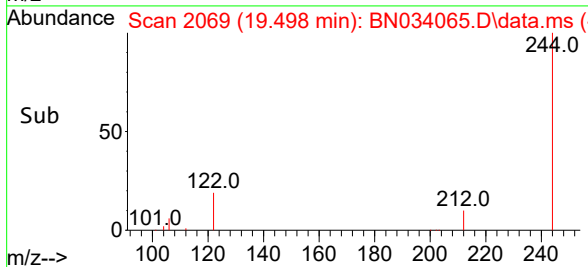
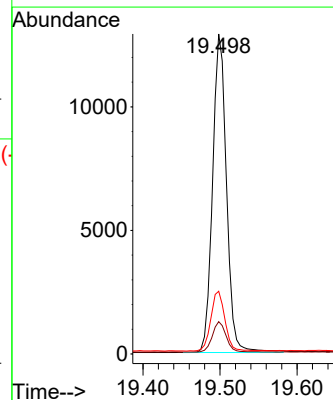
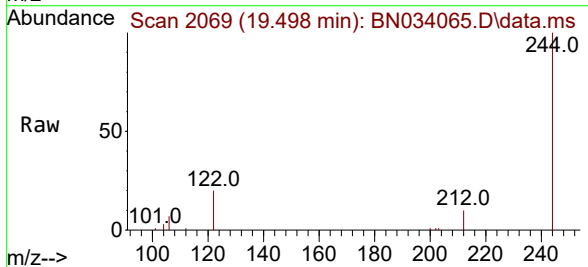
Tgt Ion:244 Resp: 16221

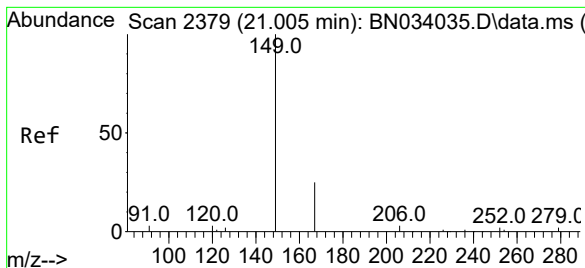
Ion Ratio Lower Upper

244 100

212 10.1 7.8 11.6

122 19.6 14.8 22.2

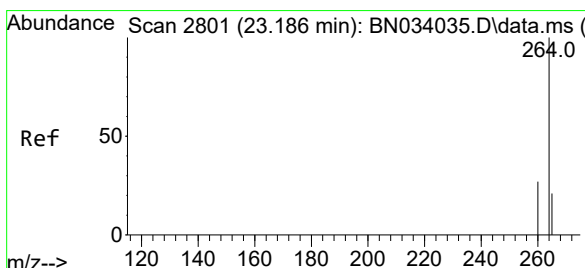
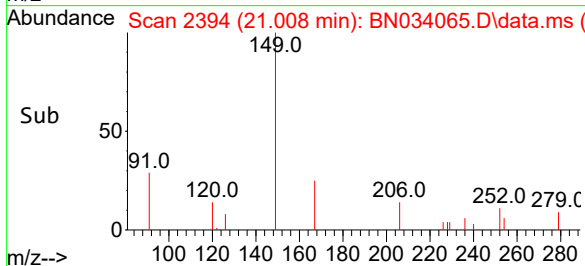
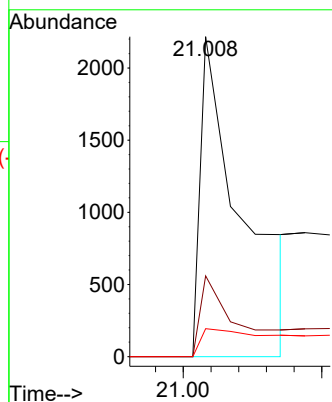
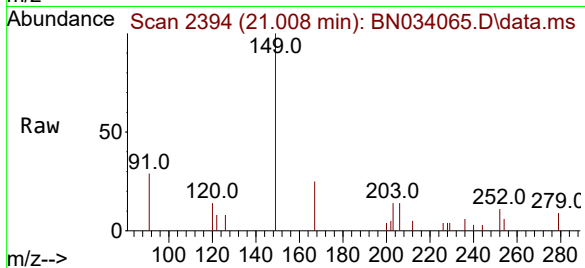




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.102 ng
RT: 21.008 min Scan# 2149
Delta R.T. 0.003 min
Lab File: BN034065.D
Acq: 20 Sep 2024 01:44

Instrument :
BNA_N
ClientSampleId :
MW202D1-20240909

Tgt Ion:149 Resp: 2149
Ion Ratio Lower Upper
149 100
167 18.7 19.9 29.9#
279 9.8 4.6 6.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.177 min Scan# 2814
Delta R.T. -0.009 min
Lab File: BN034065.D
Acq: 20 Sep 2024 01:44

Tgt Ion:264 Resp: 13544
Ion Ratio Lower Upper
264 100
260 26.8 21.7 32.5
265 70.3 52.1 78.1

