

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092024\
 Data File : BN034068.D
 Acq On : 20 Sep 2024 03:33
 Operator : JU/RC
 Sample : P3957-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW305I-20240910

Quant Time: Sep 20 04:09:36 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)

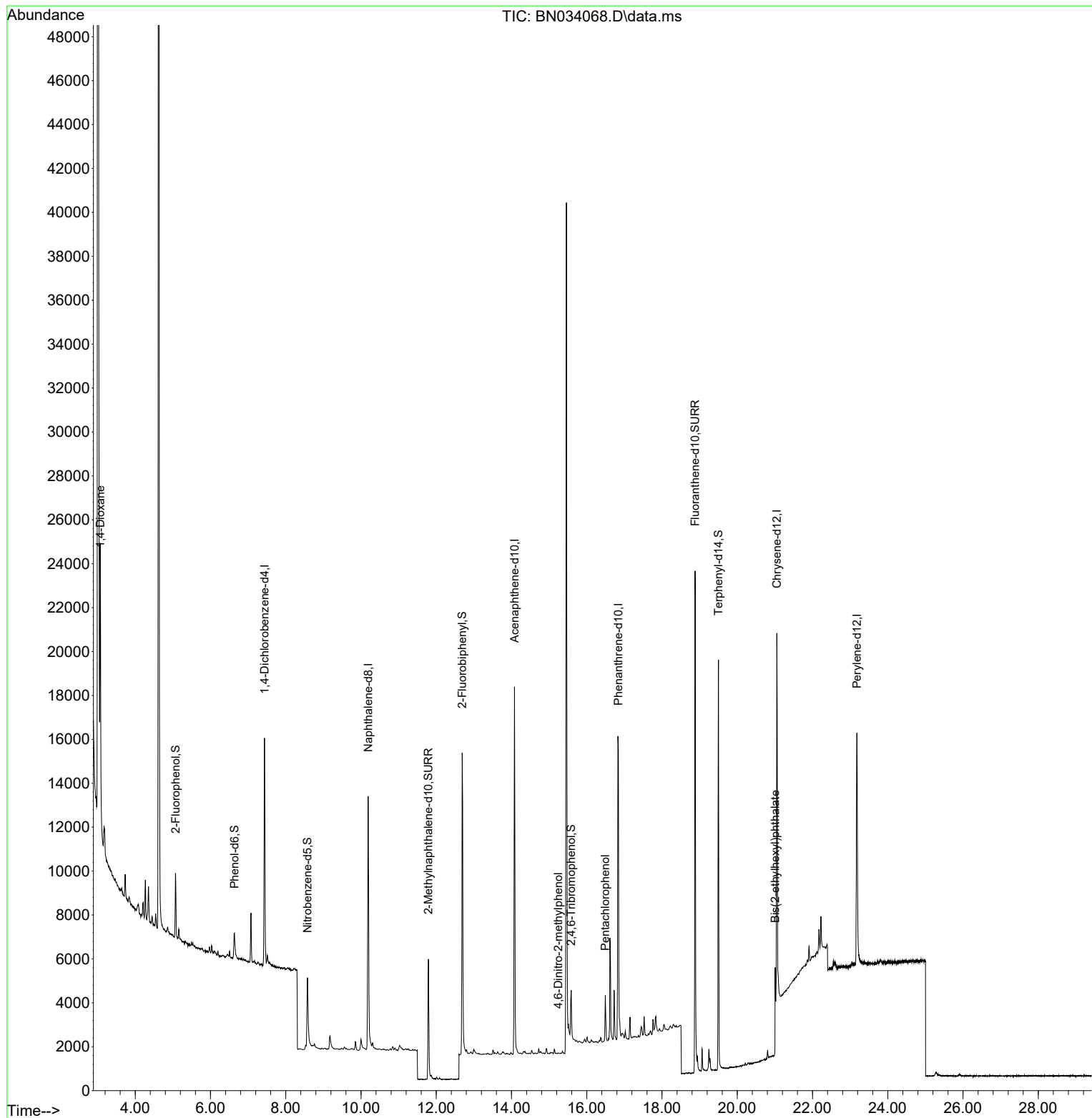
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.438	152	5432	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	15912	0.400	ng	0.00
13) Acenaphthene-d10	14.080	164	9260	0.400	ng	0.00
19) Phenanthrene-d10	16.840	188	21595	0.400	ng	0.00
29) Chrysene-d12	21.051	240	16421	0.400	ng	0.00
35) Perylene-d12	23.181	264	14571	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.076	112	2268	0.147	ng	0.00
5) Phenol-d6	6.636	99	1355	0.076	ng	0.00
8) Nitrobenzene-d5	8.579	82	3673	0.302	ng	0.00
11) 2-Methylnaphthalene-d10	11.791	152	8221	0.350	ng	0.00
14) 2,4,6-Tribromophenol	15.587	330	1330	0.317	ng	0.00
15) 2-Fluorobiphenyl	12.690	172	13373	0.355	ng	-0.01
27) Fluoranthene-d10	18.878	212	24284	0.446	ng	0.00
31) Terphenyl-d14	19.501	244	17359	0.529	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.076	88	6703	0.987	ng	# 81
20) 4,6-Dinitro-2-methylph...	15.245	198	28	0.145	ng	# 1
24) Pentachlorophenol	16.493	266	1037	0.230	ng	99
34) Bis(2-ethylhexyl)phtha...	21.006	149	2067	0.096	ng	# 91

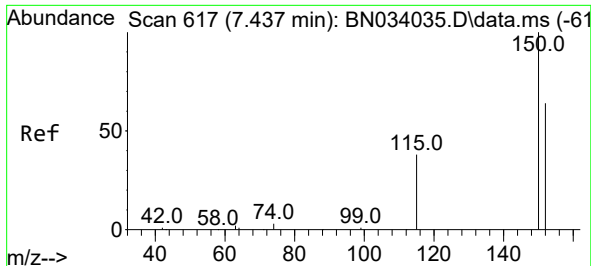
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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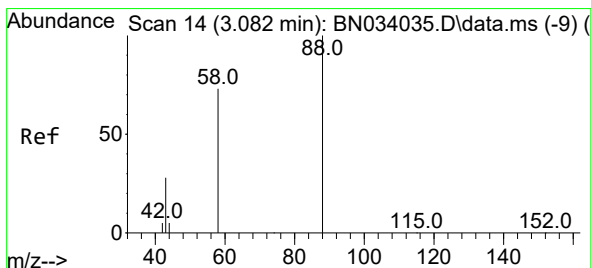
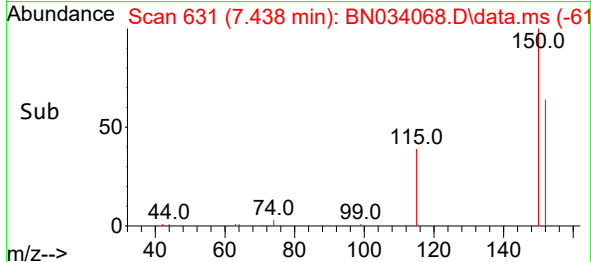
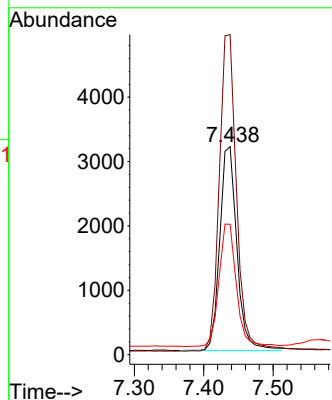
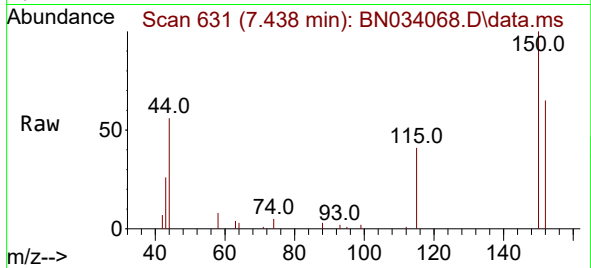




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.438 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: BN034068.D
 Acq: 20 Sep 2024 03:33

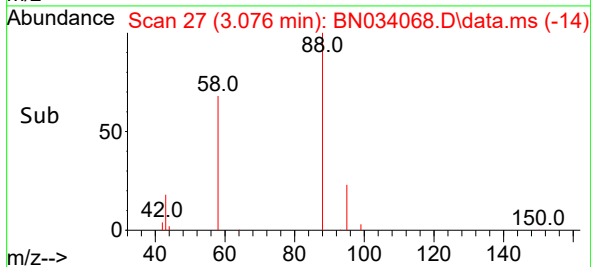
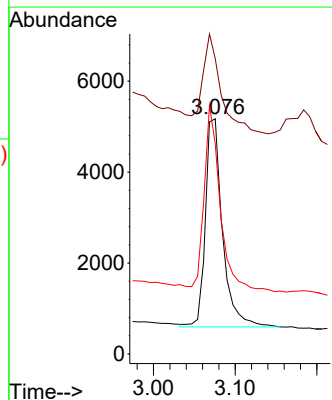
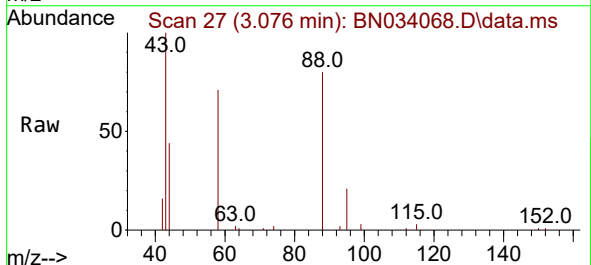
Instrument :
 BNA_N
 ClientSampleId :
 MW305I-20240910

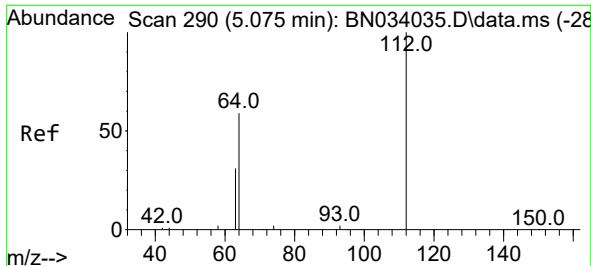
Tgt Ion:152 Resp: 5432
 Ion Ratio Lower Upper
 152 100
 150 153.8 124.6 187.0
 115 62.7 50.0 75.0



#2
 1,4-Dioxane
 Concen: 0.987 ng
 RT: 3.076 min Scan# 27
 Delta R.T. -0.006 min
 Lab File: BN034068.D
 Acq: 20 Sep 2024 03:33

Tgt Ion: 88 Resp: 6703
 Ion Ratio Lower Upper
 88 100
 43 51.9 25.8 38.8#
 58 83.6 58.8 88.2

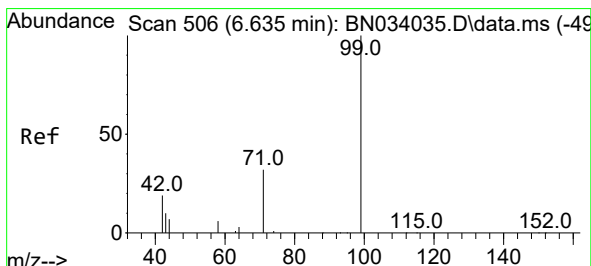
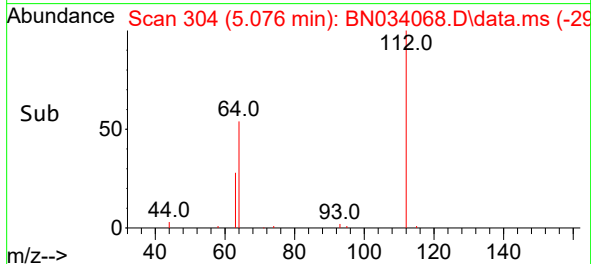
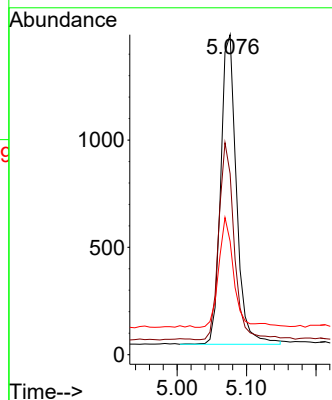
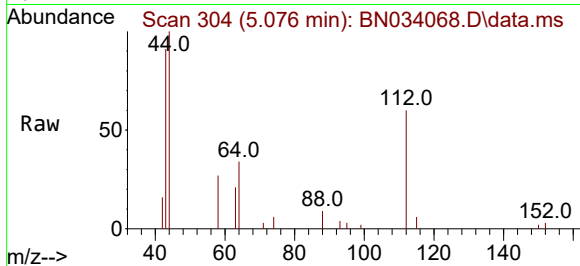




#4
2-Fluorophenol
Concen: 0.147 ng
RT: 5.076 min Scan# 304
Delta R.T. 0.001 min
Lab File: BN034068.D
Acq: 20 Sep 2024 03:33

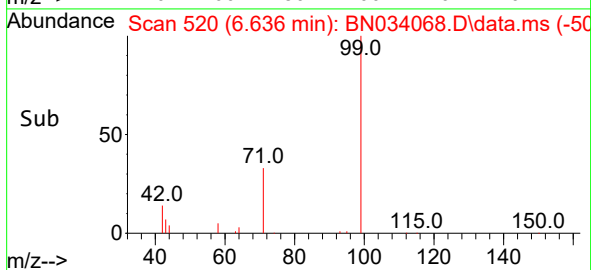
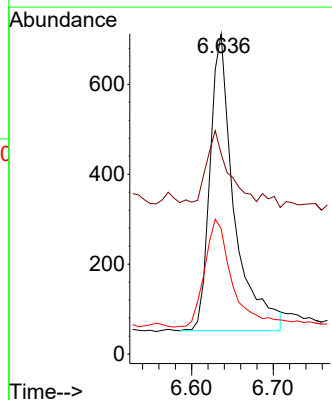
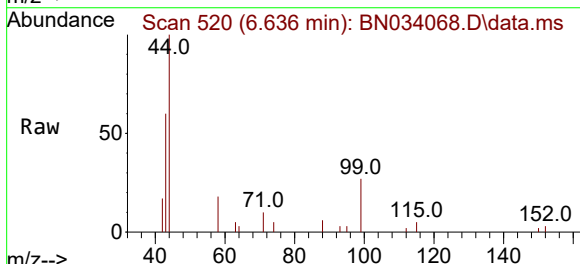
Instrument :
BNA_N
ClientSampleId :
MW305I-20240910

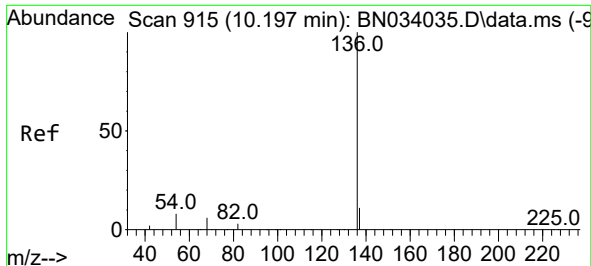
Tgt Ion:112 Resp: 2268
Ion Ratio Lower Upper
112 100
64 62.4 48.6 72.8
63 34.3 25.6 38.4



#5
Phenol-d6
Concen: 0.076 ng
RT: 6.636 min Scan# 520
Delta R.T. 0.001 min
Lab File: BN034068.D
Acq: 20 Sep 2024 03:33

Tgt Ion: 99 Resp: 1355
Ion Ratio Lower Upper
99 100
42 20.7 17.8 26.8
71 41.8 26.2 39.2#

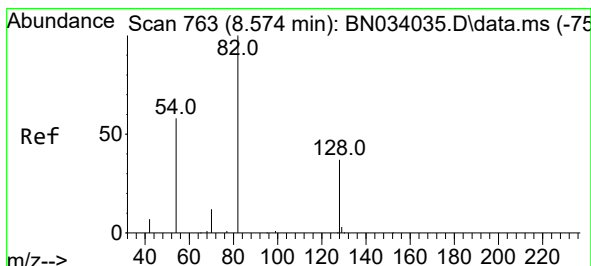
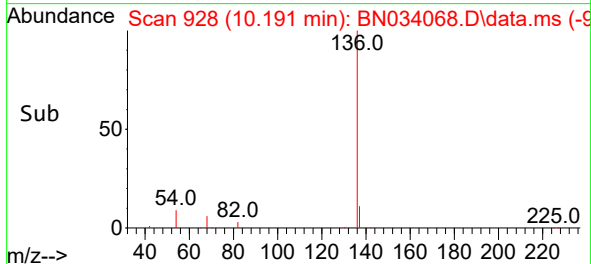
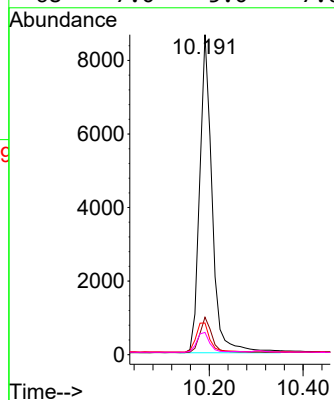
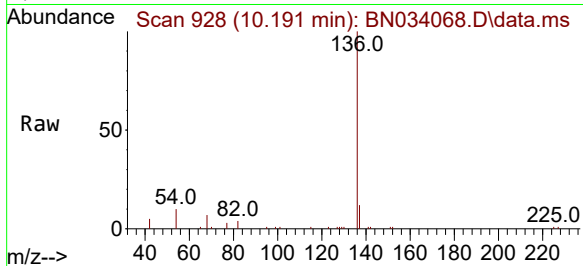




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 915
Delta R.T. -0.006 min
Lab File: BN034068.D
Acq: 20 Sep 2024 03:33

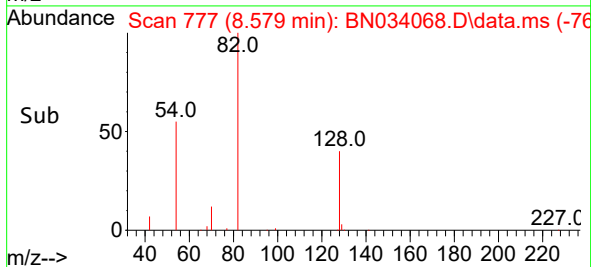
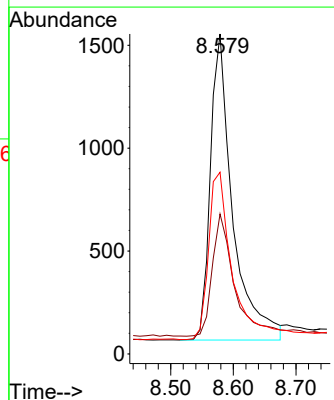
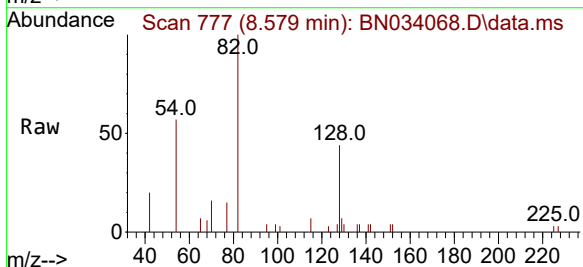
Instrument :
BNA_N
ClientSampleId :
MW305I-20240910

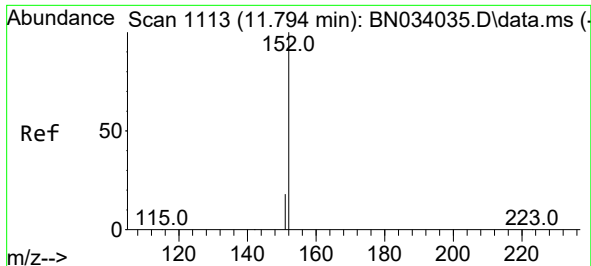
Tgt Ion:136	Resp:	15912
Ion	Ratio	Lower Upper
136	100	
137	11.7	9.0 13.6
54	9.9	6.8 10.2
68	7.0	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.302 ng
RT: 8.579 min Scan# 777
Delta R.T. 0.005 min
Lab File: BN034068.D
Acq: 20 Sep 2024 03:33

Tgt Ion: 82	Resp:	3673
Ion	Ratio	Lower Upper
82	100	
128	43.7	31.4 47.2
54	56.8	47.4 71.0

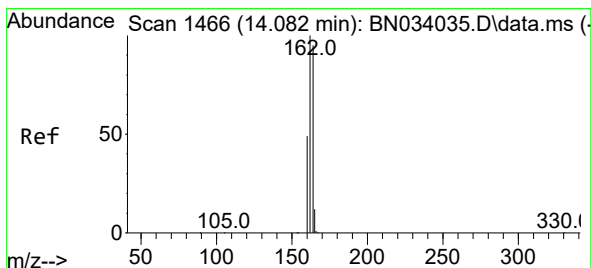
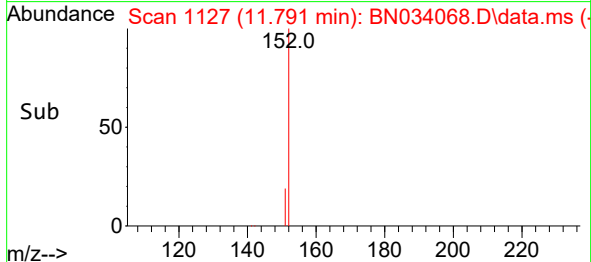
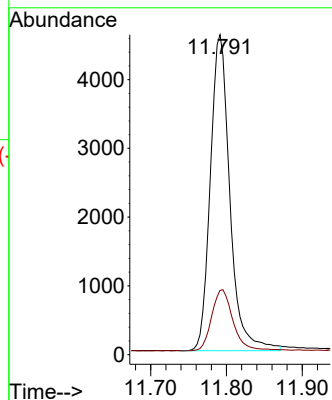
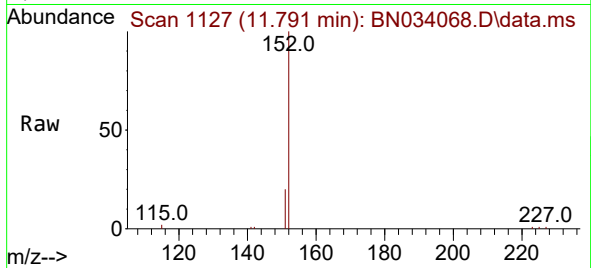




#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 11.791 min Scan# 1113
Delta R.T. -0.002 min
Lab File: BN034068.D
Acq: 20 Sep 2024 03:33

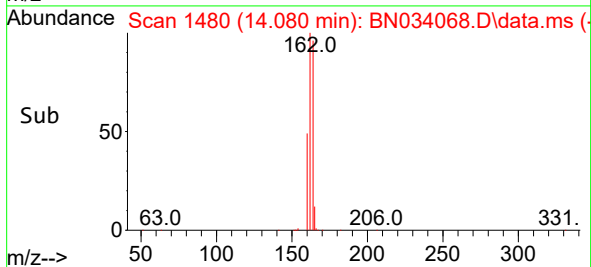
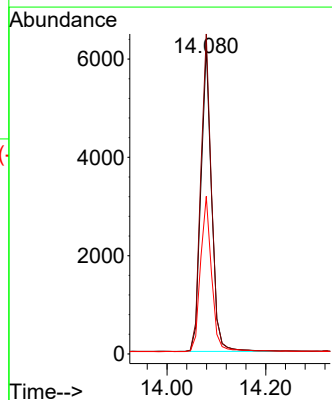
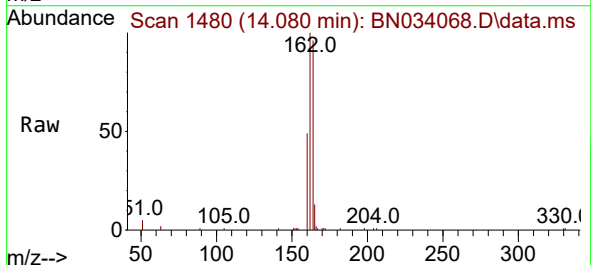
Instrument :
BNA_N
ClientSampleId :
MW305I-20240910

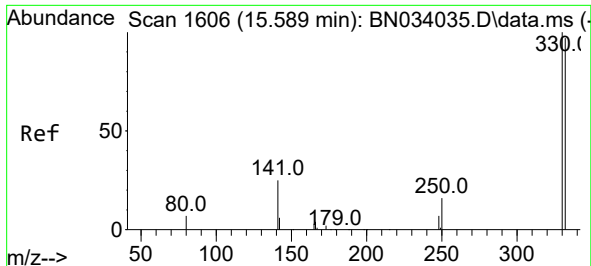
Tgt Ion:152 Resp: 8221
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.080 min Scan# 1480
Delta R.T. -0.002 min
Lab File: BN034068.D
Acq: 20 Sep 2024 03:33

Tgt Ion:164 Resp: 9260
Ion Ratio Lower Upper
164 100
162 104.1 84.2 126.2
160 51.2 41.7 62.5

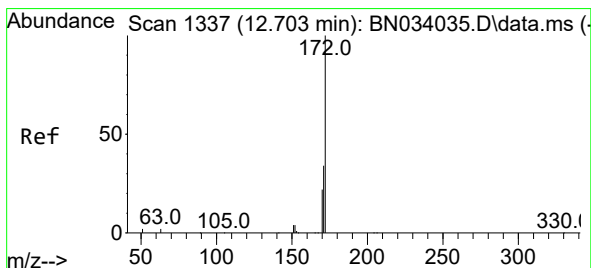
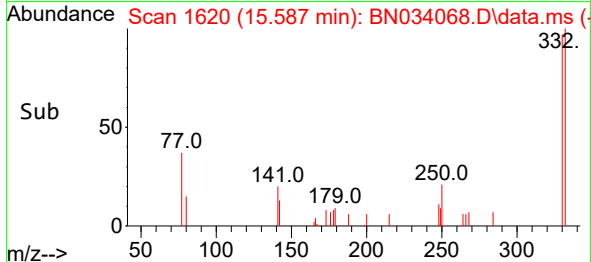
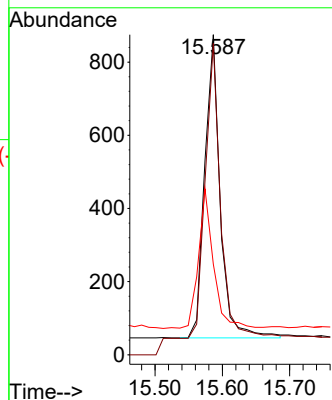
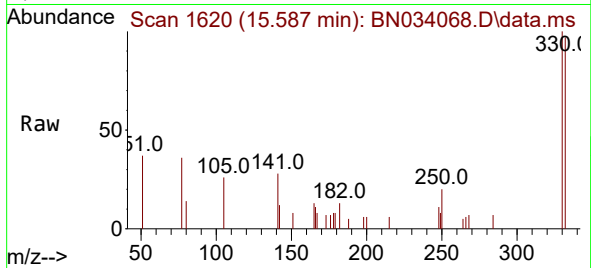




#14
2,4,6-Tribromophenol
Concen: 0.317 ng
RT: 15.587 min Scan# 1
Delta R.T. -0.002 min
Lab File: BN034068.D
Acq: 20 Sep 2024 03:33

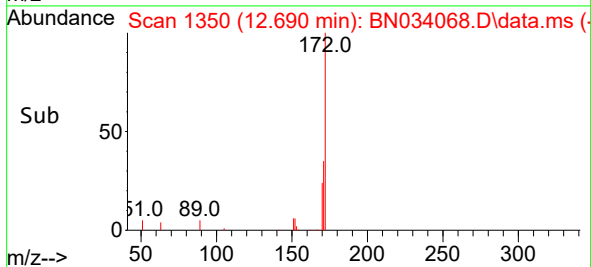
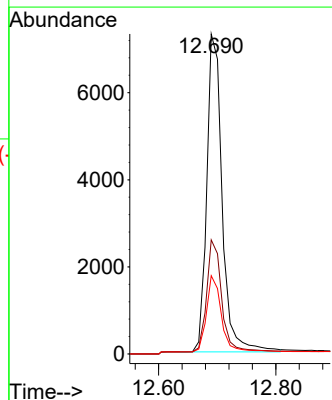
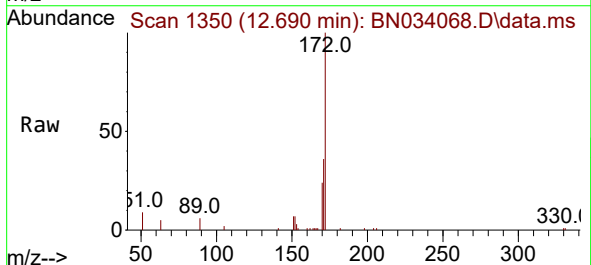
Instrument :
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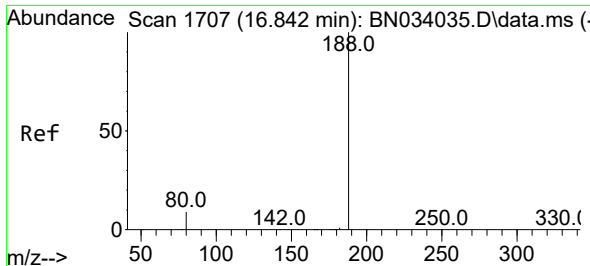
Tgt Ion: 330 Resp: 1330
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 44.7 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 12.690 min Scan# 1350
Delta R.T. -0.013 min
Lab File: BN034068.D
Acq: 20 Sep 2024 03:33

Tgt Ion: 172 Resp: 13373
Ion Ratio Lower Upper
172 100
171 35.7 27.3 40.9
170 24.5 18.1 27.1

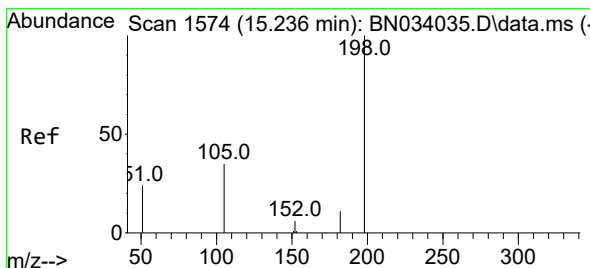
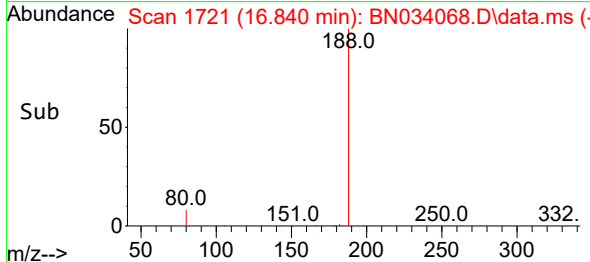
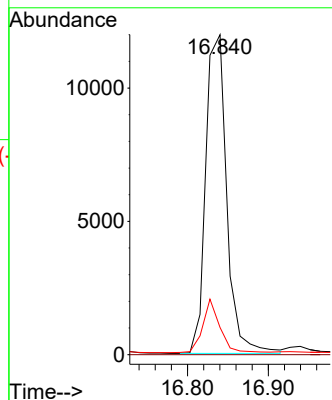
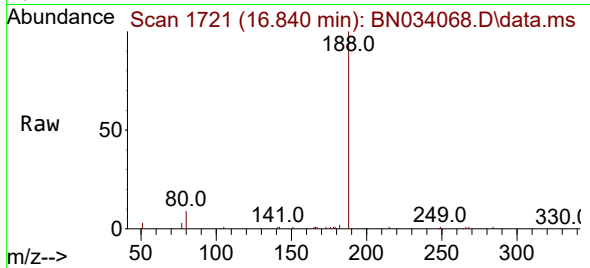




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.840 min Scan# 11
Delta R.T. -0.002 min
Lab File: BN034068.D
Acq: 20 Sep 2024 03:33

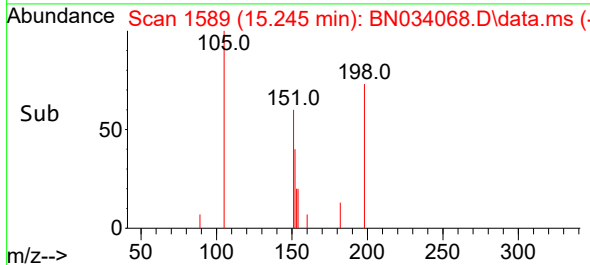
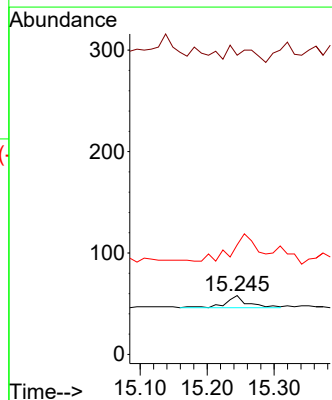
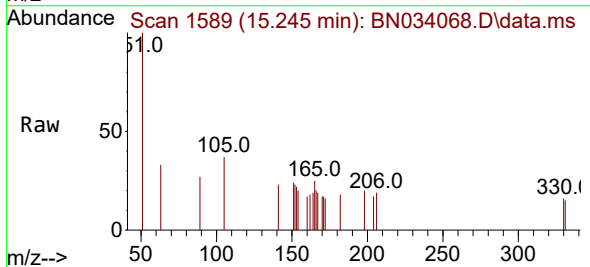
Instrument :
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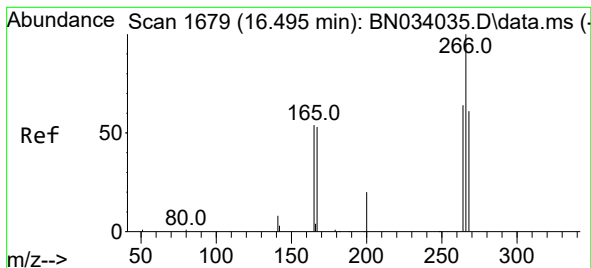
Tgt Ion:188 Resp: 21595
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 7.4 11.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.145 ng
RT: 15.245 min Scan# 1589
Delta R.T. 0.009 min
Lab File: BN034068.D
Acq: 20 Sep 2024 03:33

Tgt Ion:198 Resp: 28
Ion Ratio Lower Upper
198 100
51 508.6 106.4 159.6#
105 186.2 38.5 57.7#





#24

Pentachlorophenol

Concen: 0.230 ng

RT: 16.493 min Scan# 1

Delta R.T. -0.002 min

Lab File: BN034068.D

Acq: 20 Sep 2024 03:33

Instrument :

BNA_N

ClientSampleId :

MW305I-20240910

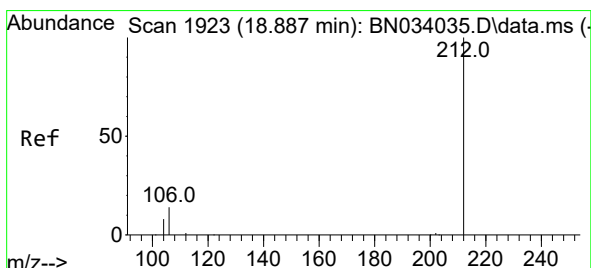
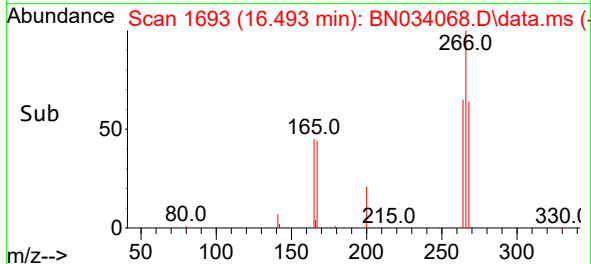
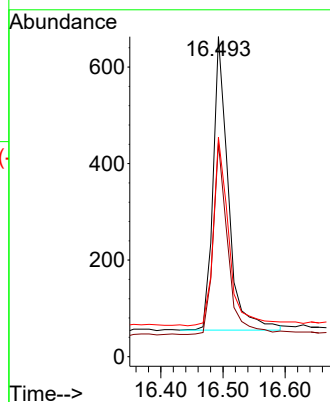
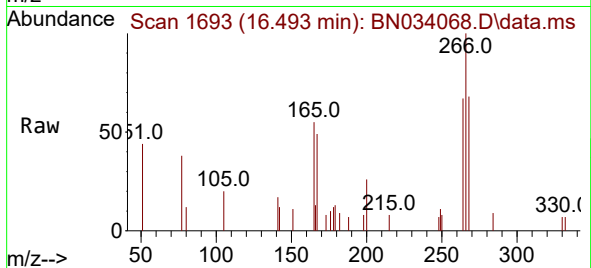
Tgt Ion:266 Resp: 1037

Ion Ratio Lower Upper

266 100

264 62.3 50.2 75.2

268 65.1 51.0 76.4



#27

Fluoranthene-d10

Concen: 0.446 ng

RT: 18.878 min Scan# 1934

Delta R.T. -0.008 min

Lab File: BN034068.D

Acq: 20 Sep 2024 03:33

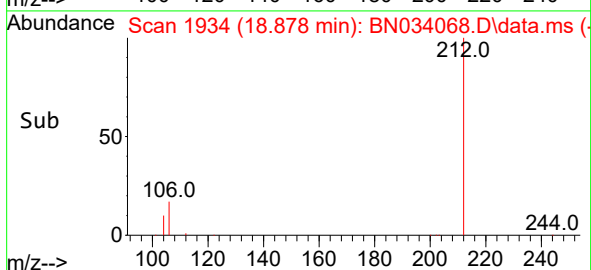
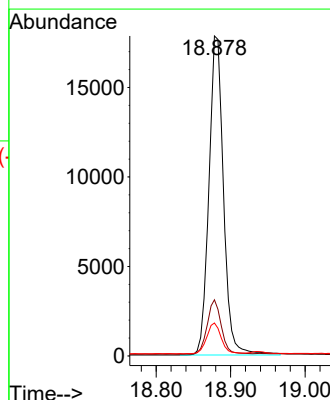
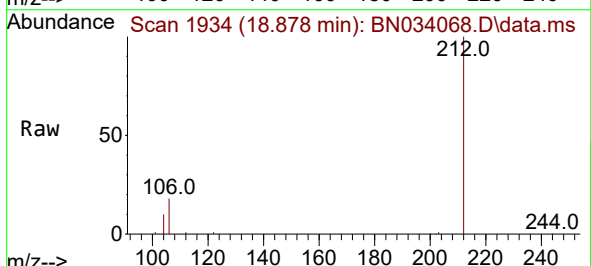
Tgt Ion:212 Resp: 24284

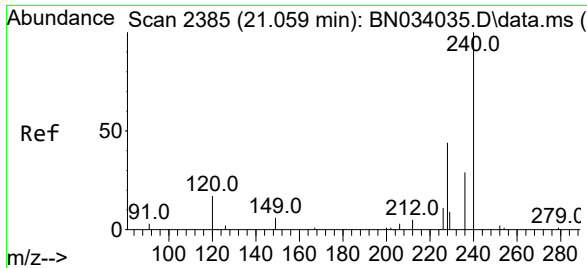
Ion Ratio Lower Upper

212 100

106 16.4 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: BN034068.D

Acq: 20 Sep 2024 03:33

Instrument :

BNA_N

ClientSampleId :

MW305I-20240910

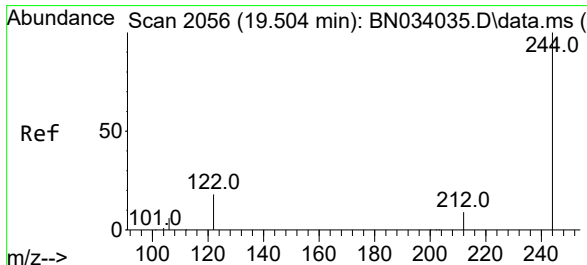
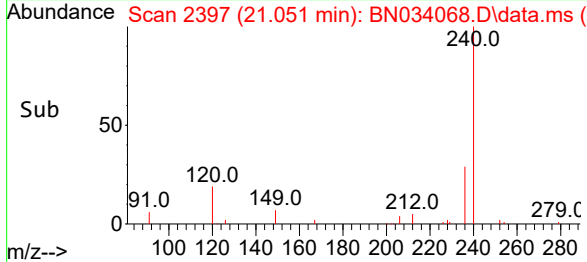
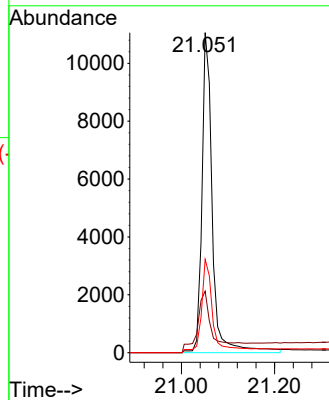
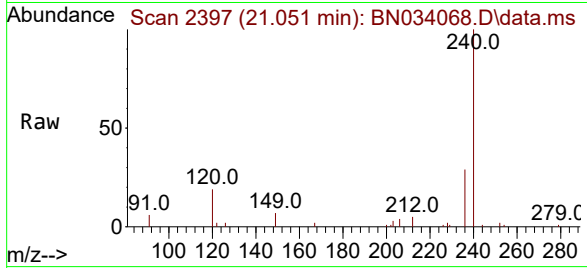
Tgt Ion:240 Resp: 16421

Ion Ratio Lower Upper

240 100

120 19.2 13.5 20.3

236 29.2 23.4 35.0



#31

Terphenyl-d14

Concen: 0.529 ng

RT: 19.501 min Scan# 2068

Delta R.T. -0.004 min

Lab File: BN034068.D

Acq: 20 Sep 2024 03:33

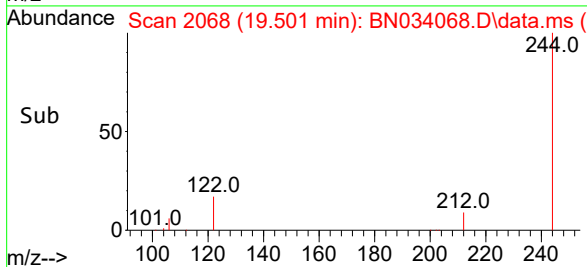
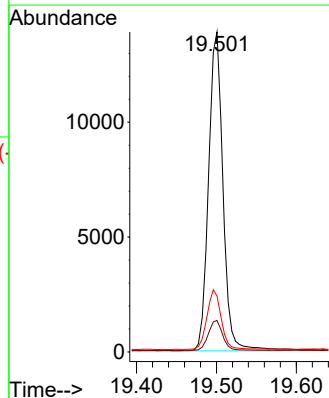
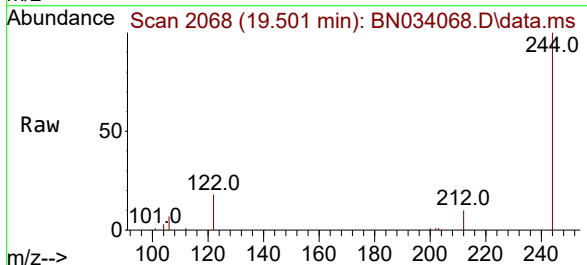
Tgt Ion:244 Resp: 17359

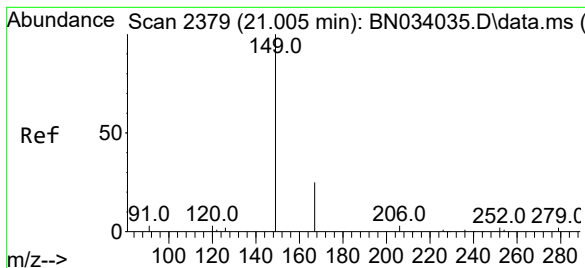
Ion Ratio Lower Upper

244 100

212 9.9 7.8 11.6

122 17.5 14.8 22.2

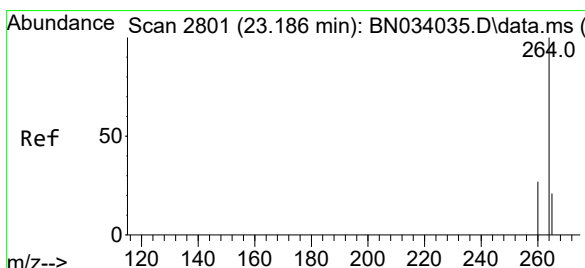
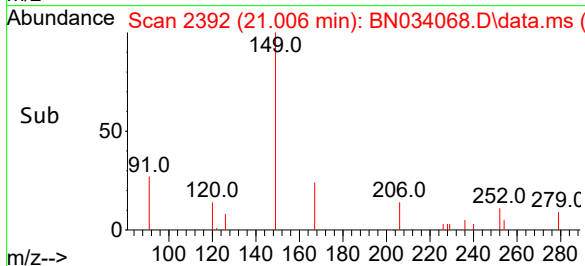
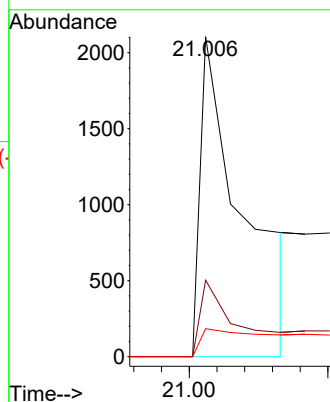
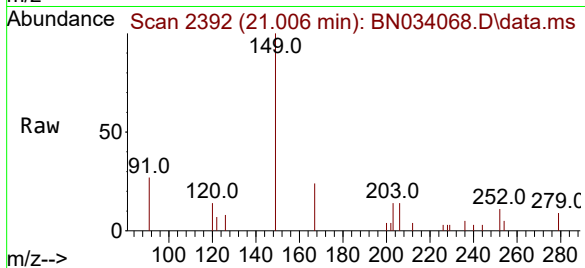




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.096 ng
RT: 21.006 min Scan# 2111
Delta R.T. 0.001 min
Lab File: BN034068.D
Acq: 20 Sep 2024 03:33

Instrument :
BNA_N
ClientSampleId :
MW305I-20240910

Tgt Ion:149 Resp: 2067
Ion Ratio Lower Upper
149 100
167 22.2 19.9 29.9
279 13.3 4.6 6.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.181 min Scan# 2814
Delta R.T. -0.005 min
Lab File: BN034068.D
Acq: 20 Sep 2024 03:33

Tgt Ion:264 Resp: 14571
Ion Ratio Lower Upper
264 100
260 26.8 21.7 32.5
265 68.3 52.1 78.1

