

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092024\
 Data File : BN034069.D
 Acq On : 20 Sep 2024 04:09
 Operator : JU/RC
 Sample : P3957-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D1-20240910

Quant Time: Sep 20 05:09:41 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)

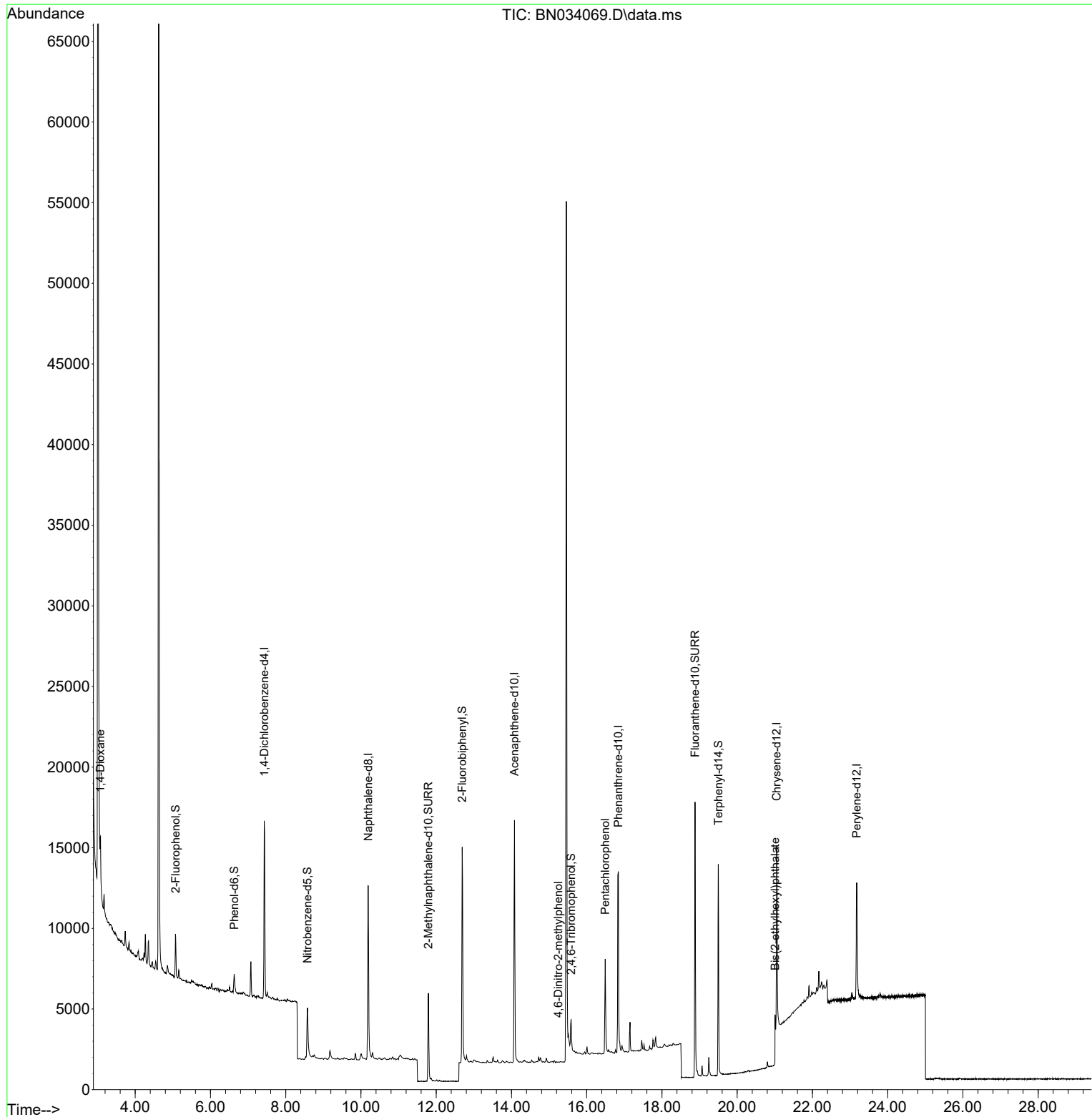
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	5340	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	14993	0.400	ng	0.00
13) Acenaphthene-d10	14.079	164	8392	0.400	ng	0.00
19) Phenanthrene-d10	16.840	188	17914	0.400	ng	0.00
29) Chrysene-d12	21.051	240	11647	0.400	ng	# 0.00
35) Perylene-d12	23.178	264	9908	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.076	112	2027	0.134	ng	0.00
5) Phenol-d6	6.629	99	1229	0.070	ng	0.00
8) Nitrobenzene-d5	8.579	82	3581	0.312	ng	0.00
11) 2-Methylnaphthalene-d10	11.791	152	7984	0.361	ng	0.00
14) 2,4,6-Tribromophenol	15.587	330	1143	0.301	ng	0.00
15) 2-Fluorobiphenyl	12.690	172	12970	0.380	ng	-0.01
27) Fluoranthene-d10	18.878	212	19288	0.427	ng	0.00
31) Terphenyl-d14	19.501	244	12567	0.540	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.076	88	1487	0.223	ng	# 30
20) 4,6-Dinitro-2-methylph...	15.245	198	4	0.139	ng	# 1
24) Pentachlorophenol	16.493	266	2811	0.753	ng	99
34) Bis(2-ethylhexyl)phtha...	21.006	149	1750	0.114	ng	# 82

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

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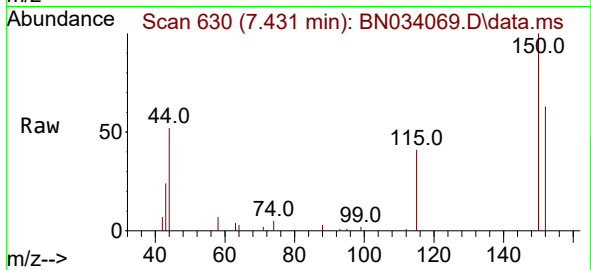
Quant Time: Sep 20 05:09:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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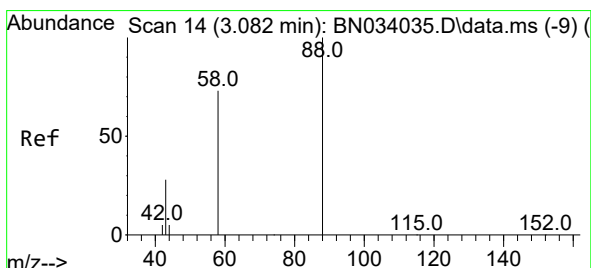
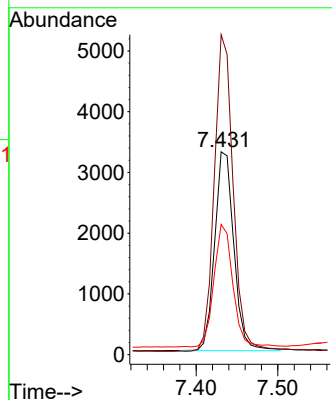
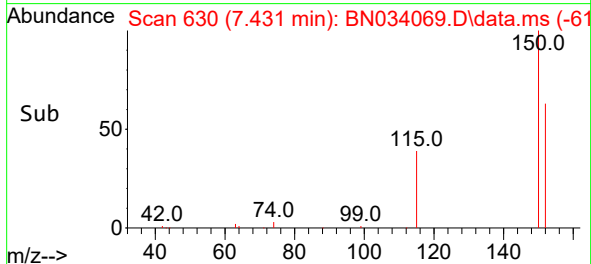


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.431 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN034069.D
Acq: 20 Sep 2024 04:09

Instrument :
BNA_N
ClientSampleId :
MW179D1-20240910

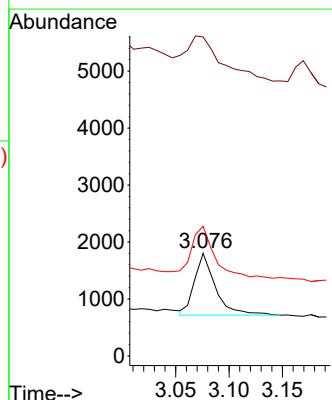
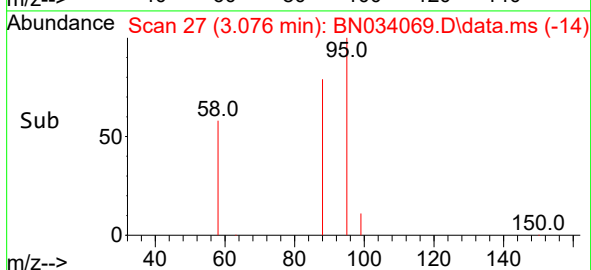
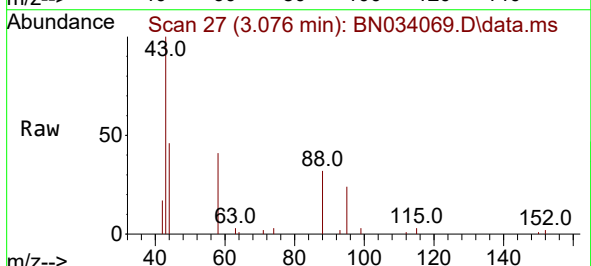


Tgt Ion:152 Resp: 5340
Ion Ratio Lower Upper
152 100
150 157.8 124.6 187.0
115 64.2 50.0 75.0



#2
1,4-Dioxane
Concen: 0.223 ng
RT: 3.076 min Scan# 27
Delta R.T. -0.006 min
Lab File: BN034069.D
Acq: 20 Sep 2024 04:09

Tgt Ion: 88 Resp: 1487
Ion Ratio Lower Upper
88 100
43 128.6 25.8 38.8#
58 94.5 58.8 88.2#

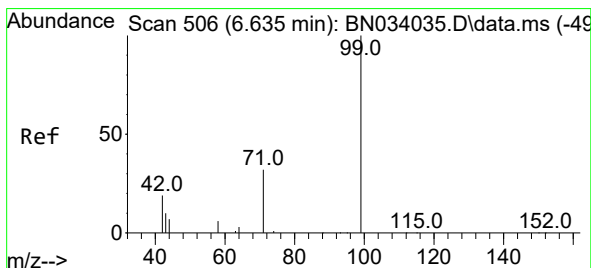
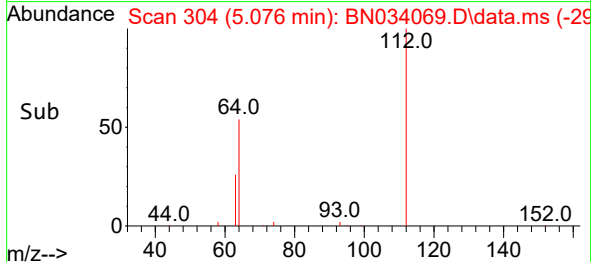
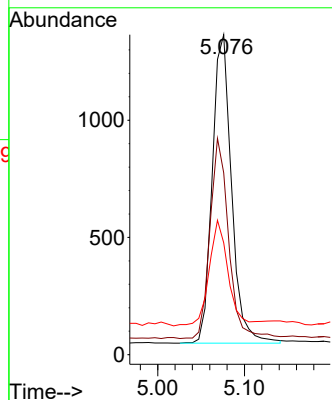
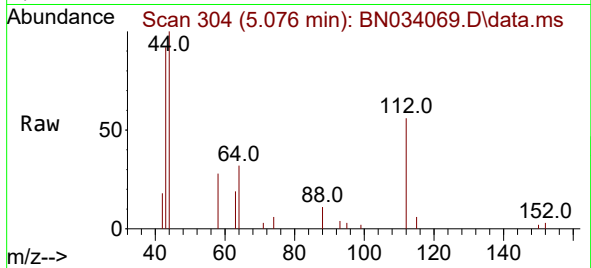




#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.076 min Scan# 304
Delta R.T. 0.001 min
Lab File: BN034069.D
Acq: 20 Sep 2024 04:09

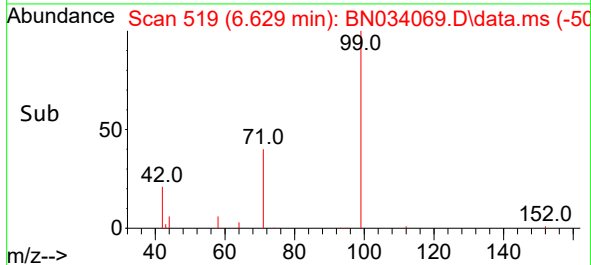
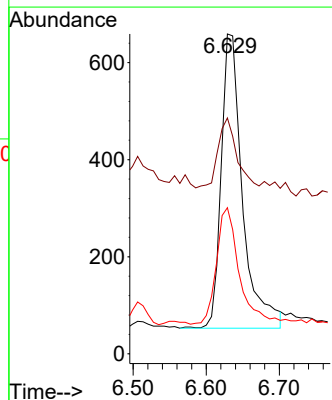
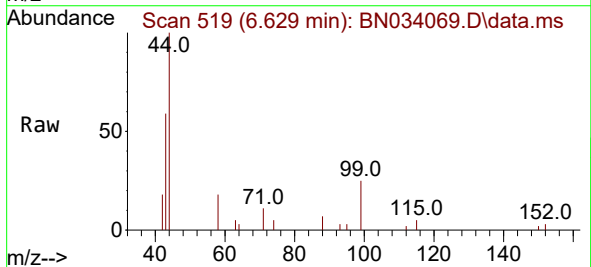
Instrument :
BNA_N
ClientSampleId :
MW179D1-20240910

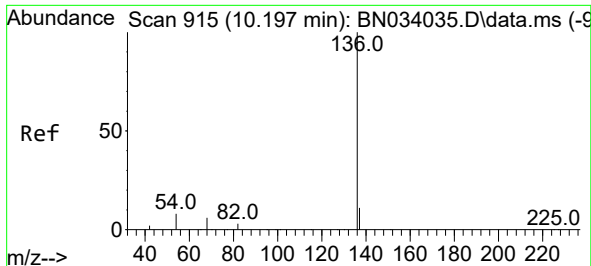
Tgt Ion:112 Resp: 2027
Ion Ratio Lower Upper
112 100
64 62.8 48.6 72.8
63 33.7 25.6 38.4



#5
Phenol-d6
Concen: 0.070 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034069.D
Acq: 20 Sep 2024 04:09

Tgt Ion: 99 Resp: 1229
Ion Ratio Lower Upper
99 100
42 19.5 17.8 26.8
71 42.1 26.2 39.2#

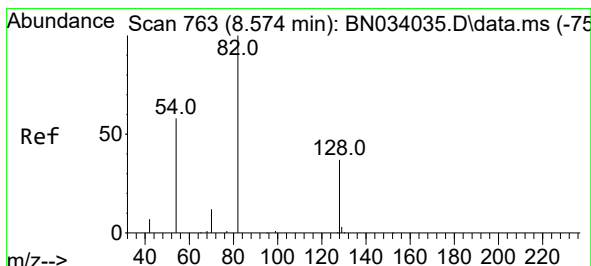
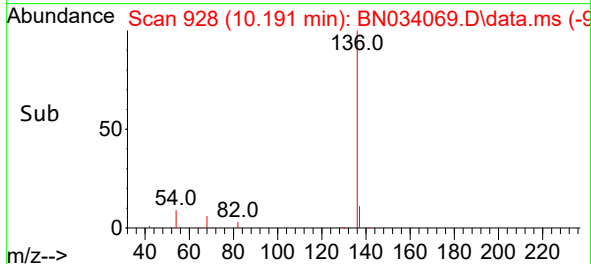
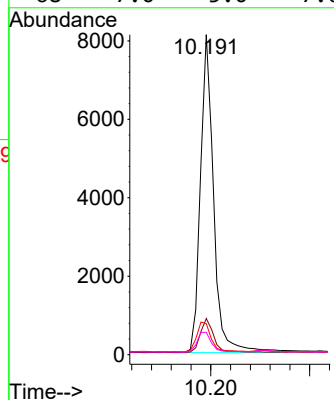
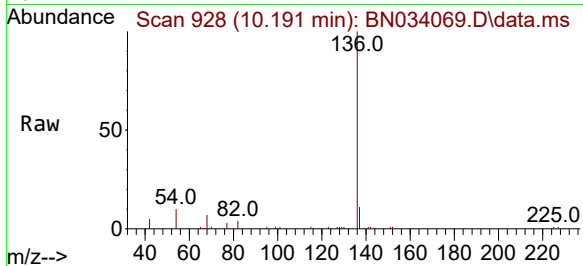




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 915
Delta R.T. -0.006 min
Lab File: BN034069.D
Acq: 20 Sep 2024 04:09

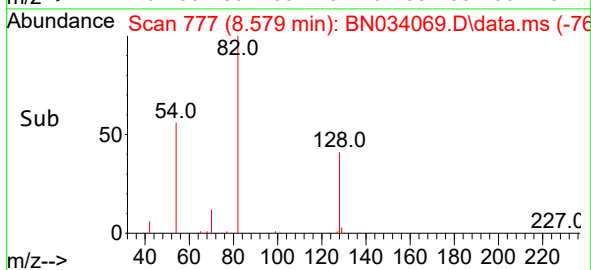
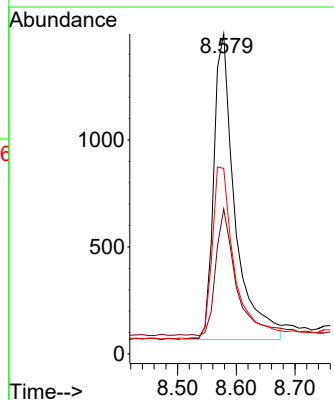
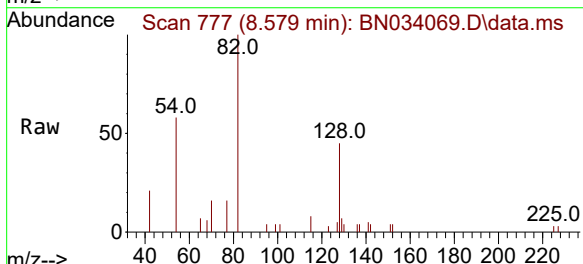
Instrument :
BNA_N
ClientSampleId :
MW179D1-20240910

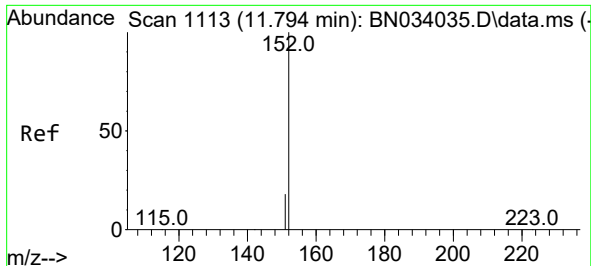
Tgt Ion:	136	Resp:	14993
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	9.7	6.8	10.2
68	7.0	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.312 ng
RT: 8.579 min Scan# 777
Delta R.T. 0.005 min
Lab File: BN034069.D
Acq: 20 Sep 2024 04:09

Tgt Ion:	82	Resp:	3581
Ion Ratio	Lower	Upper	
82	100		
128	45.4	31.4	47.2
54	58.0	47.4	71.0





#11

2-Methylnaphthalene-d10

Concen: 0.361 ng

RT: 11.791 min Scan# 1113

Delta R.T. -0.002 min

Lab File: BN034069.D

Acq: 20 Sep 2024 04:09

Instrument :

BNA_N

ClientSampleId :

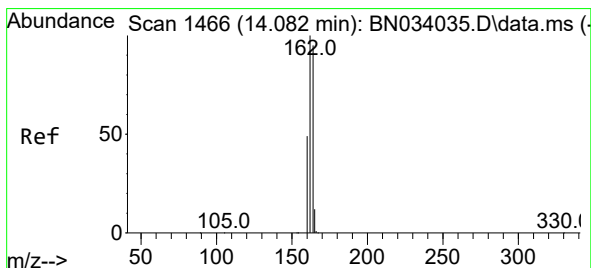
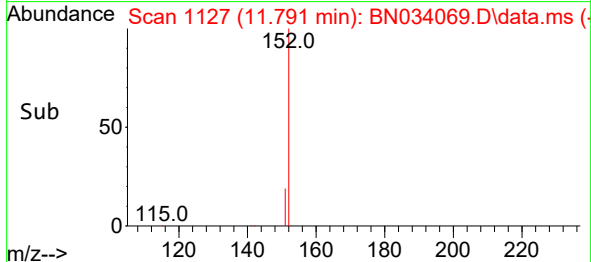
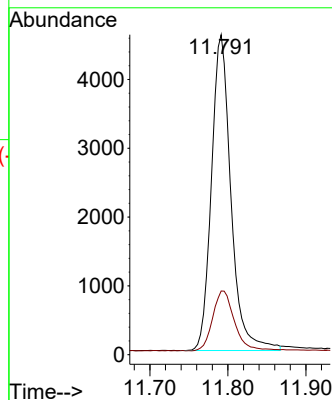
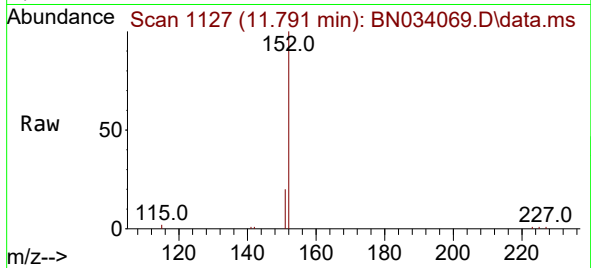
MW179D1-20240910

Tgt Ion:152 Resp: 7984

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: BN034069.D

Acq: 20 Sep 2024 04:09

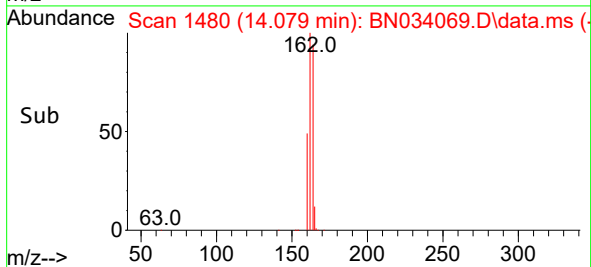
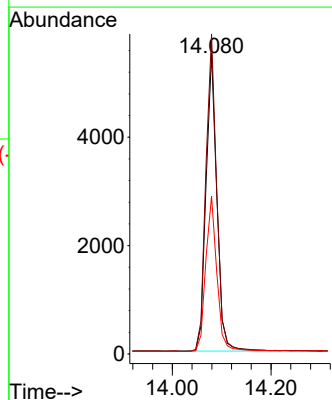
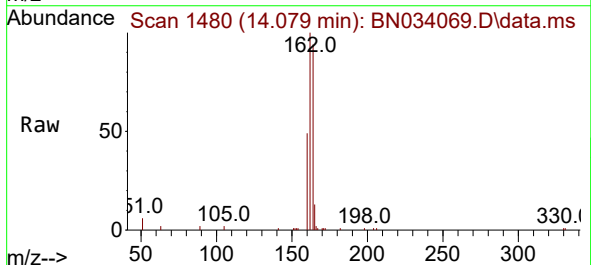
Tgt Ion:164 Resp: 8392

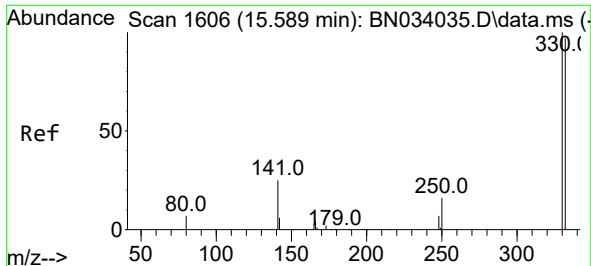
Ion Ratio Lower Upper

164 100

162 106.4 84.2 126.2

160 52.5 41.7 62.5

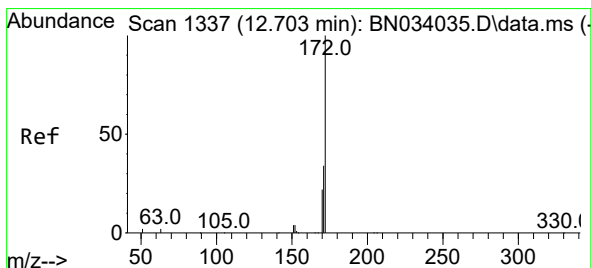
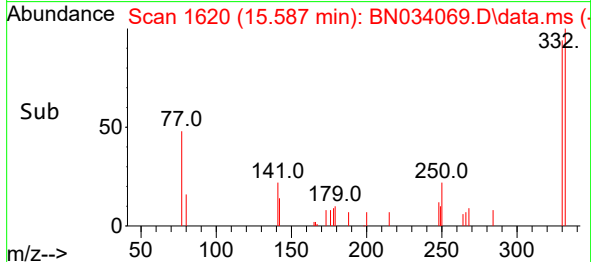
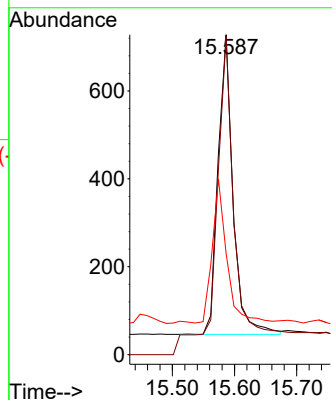
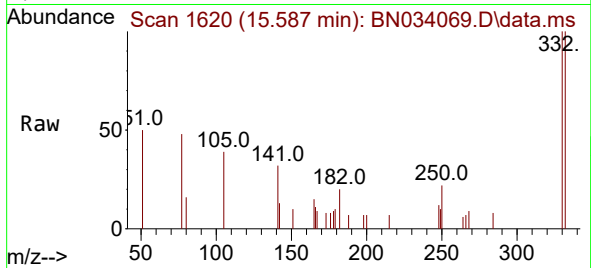




#14
2,4,6-Tribromophenol
Concen: 0.301 ng
RT: 15.587 min Scan# 11
Delta R.T. -0.002 min
Lab File: BN034069.D
Acq: 20 Sep 2024 04:09

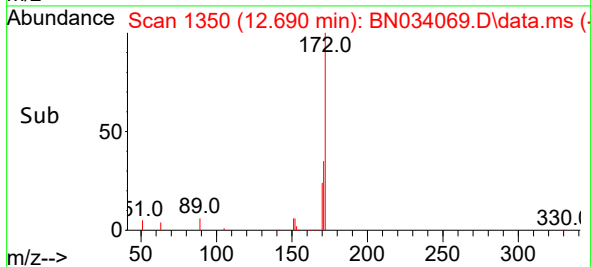
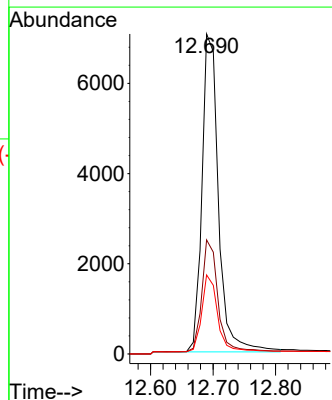
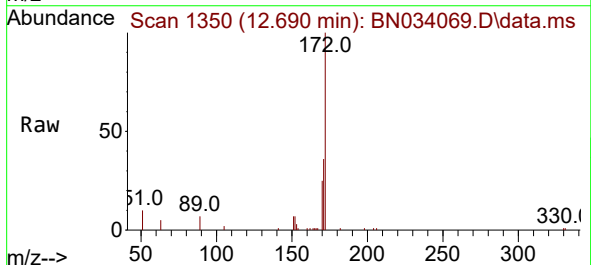
Instrument :
BNA_N
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MW179D1-20240910

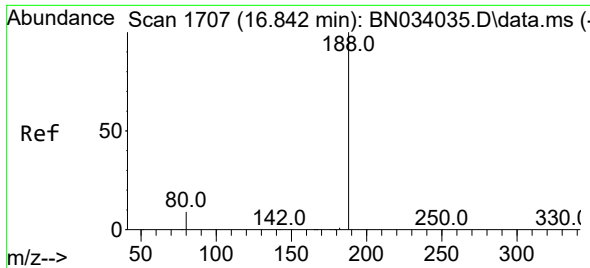
Tgt Ion: 330 Resp: 1143
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 46.4 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 12.690 min Scan# 1350
Delta R.T. -0.013 min
Lab File: BN034069.D
Acq: 20 Sep 2024 04:09

Tgt Ion: 172 Resp: 12970
Ion Ratio Lower Upper
172 100
171 35.6 27.3 40.9
170 24.7 18.1 27.1

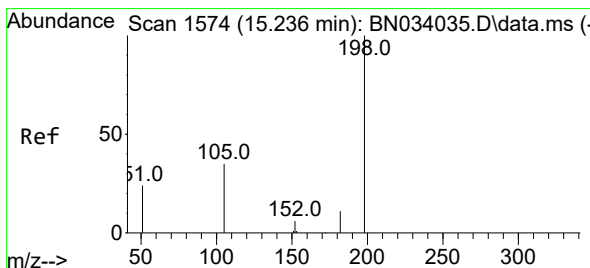
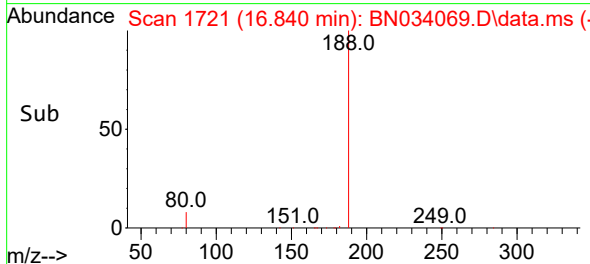
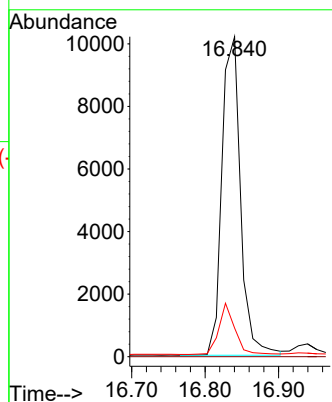
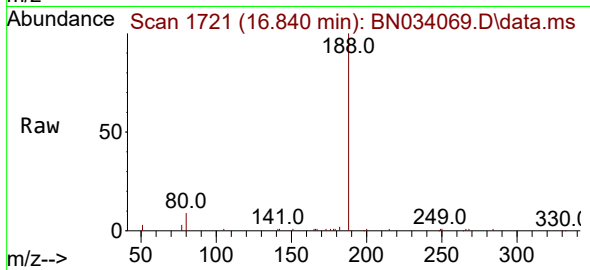




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.840 min Scan# 11
Delta R.T. -0.002 min
Lab File: BN034069.D
Acq: 20 Sep 2024 04:09

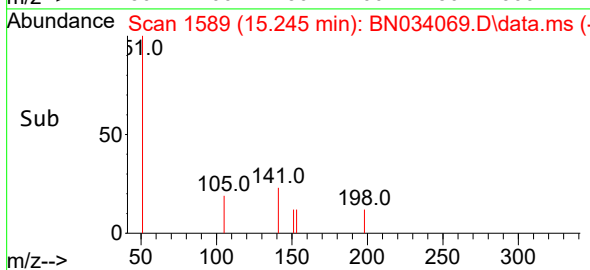
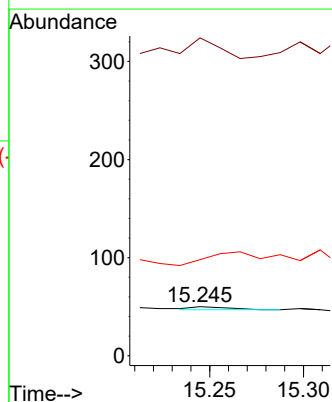
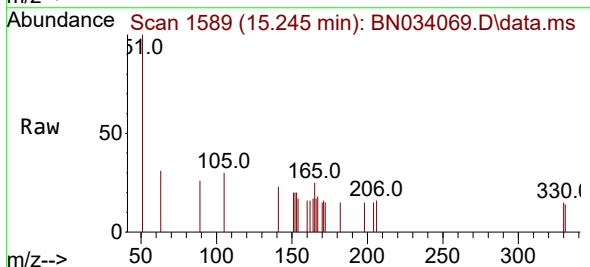
Instrument :
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ClientSampleId :
MW179D1-20240910

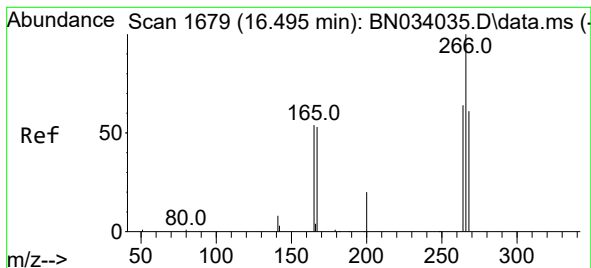
Tgt Ion:188 Resp: 17914
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.9 7.4 11.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.139 ng
RT: 15.245 min Scan# 1589
Delta R.T. 0.009 min
Lab File: BN034069.D
Acq: 20 Sep 2024 04:09

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 648.0 106.4 159.6#
105 196.0 38.5 57.7#





#24

Pentachlorophenol

Concen: 0.753 ng

RT: 16.493 min Scan# 1693

Delta R.T. -0.002 min

Lab File: BN034069.D

Acq: 20 Sep 2024 04:09

Instrument :

BNA_N

ClientSampleId :

MW179D1-20240910

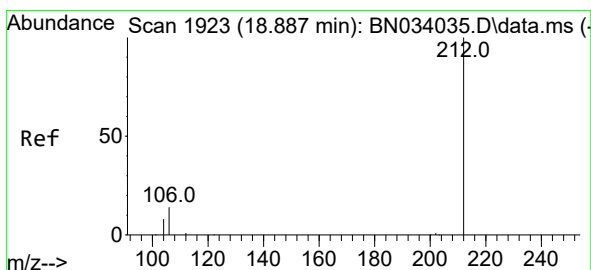
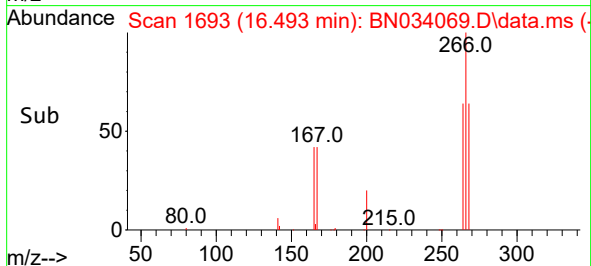
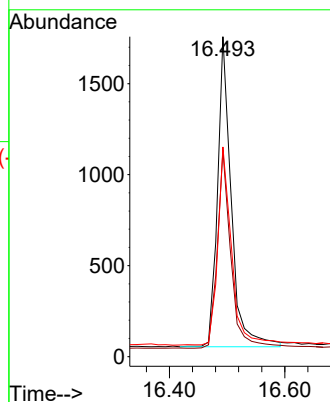
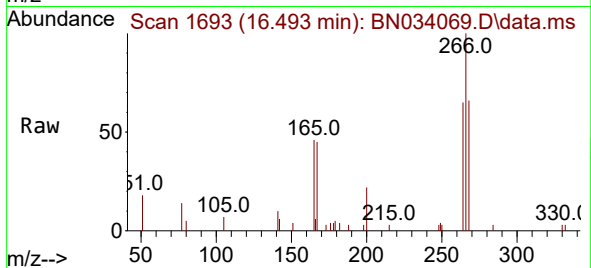
Tgt Ion:266 Resp: 2811

Ion Ratio Lower Upper

266 100

264 63.1 50.2 75.2

268 64.3 51.0 76.4



#27

Fluoranthene-d10

Concen: 0.427 ng

RT: 18.878 min Scan# 1934

Delta R.T. -0.008 min

Lab File: BN034069.D

Acq: 20 Sep 2024 04:09

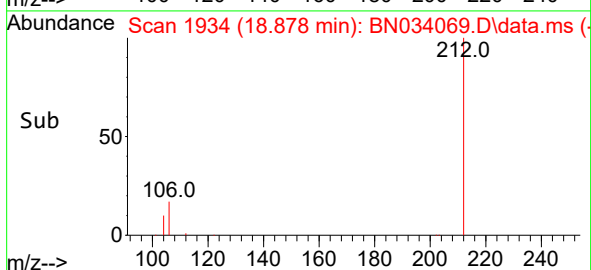
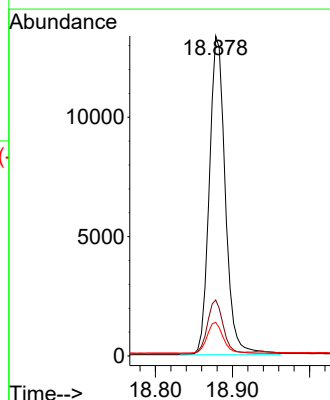
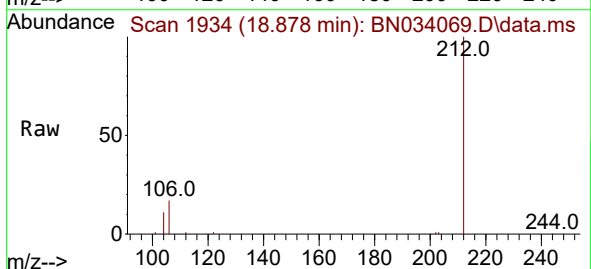
Tgt Ion:212 Resp: 19288

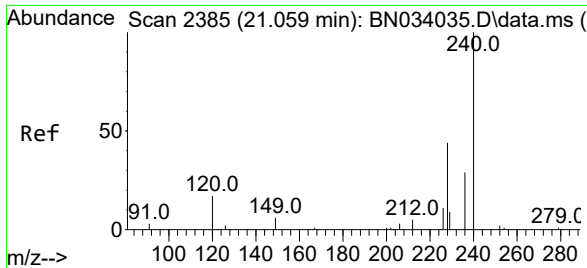
Ion Ratio Lower Upper

212 100

106 17.0 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: BN034069.D

Acq: 20 Sep 2024 04:09

Instrument :

BNA_N

ClientSampleId :

MW179D1-20240910

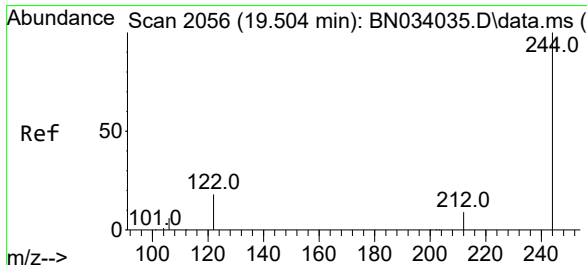
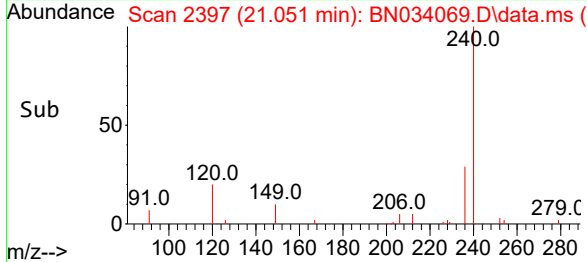
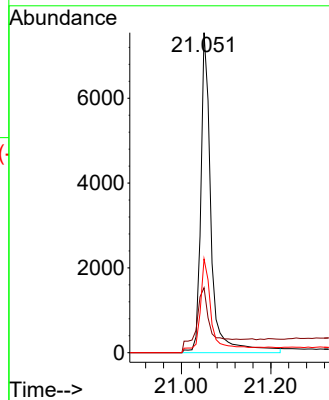
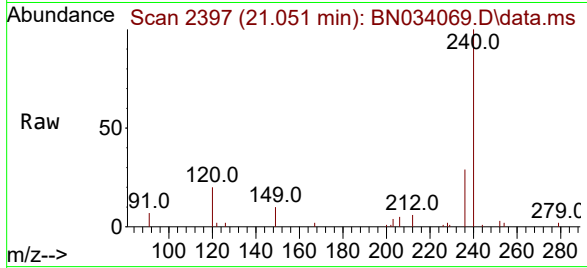
Tgt Ion:240 Resp: 11647

Ion Ratio Lower Upper

240 100

120 20.3 13.5 20.3#

236 29.3 23.4 35.0



#31

Terphenyl-d14

Concen: 0.540 ng

RT: 19.501 min Scan# 2068

Delta R.T. -0.004 min

Lab File: BN034069.D

Acq: 20 Sep 2024 04:09

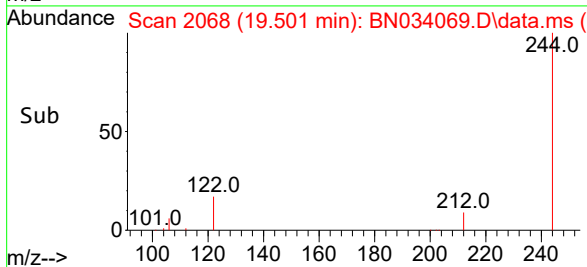
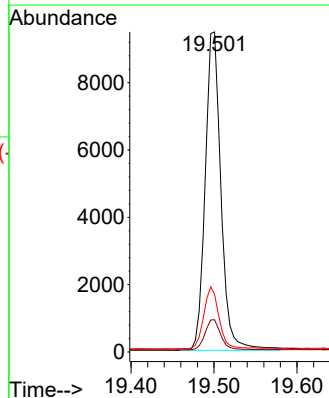
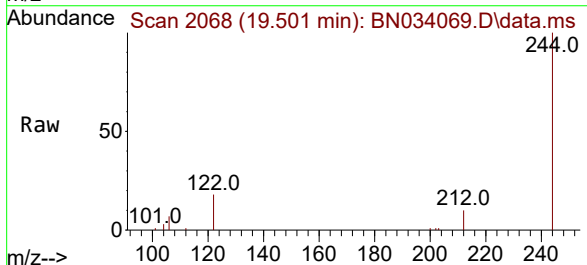
Tgt Ion:244 Resp: 12567

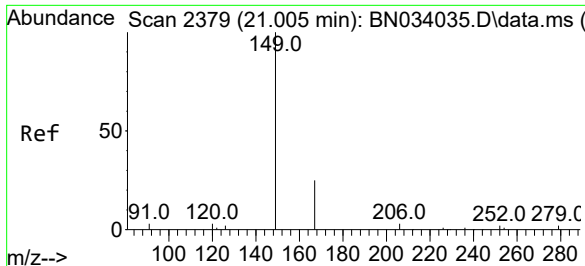
Ion Ratio Lower Upper

244 100

212 10.1 7.8 11.6

122 17.9 14.8 22.2

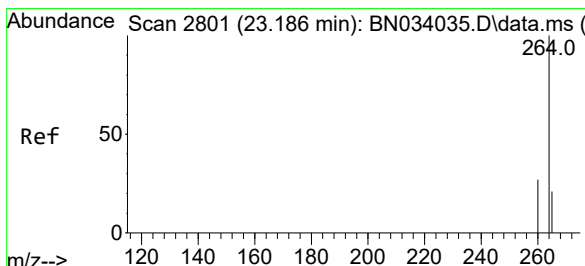
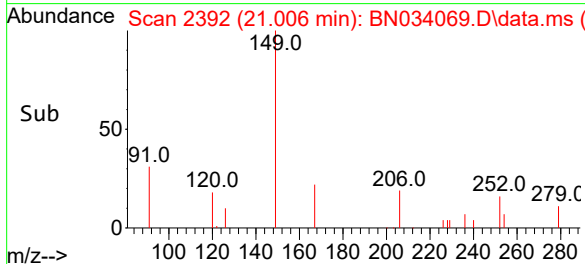
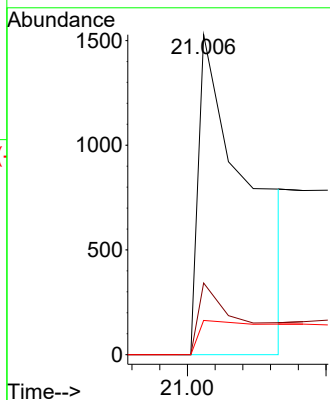
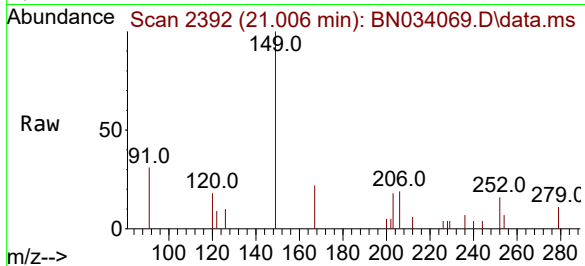




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.114 ng
RT: 21.006 min Scan# 2111
Delta R.T. 0.001 min
Lab File: BN034069.D
Acq: 20 Sep 2024 04:09

Instrument :
BNA_N
ClientSampleId :
MW179D1-20240910

Tgt Ion:149 Resp: 1750
Ion Ratio Lower Upper
149 100
167 15.8 19.9 29.9#
279 10.7 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: BN034069.D
Acq: 20 Sep 2024 04:09

Tgt Ion:264 Resp: 9908
Ion Ratio Lower Upper
264 100
260 26.9 21.7 32.5
265 89.3 52.1 78.1#

