

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092024\
 Data File : BN034070.D
 Acq On : 20 Sep 2024 04:46
 Operator : JU/RC
 Sample : P3957-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW179D2-20240910

Quant Time: Sep 20 05:09:54 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)

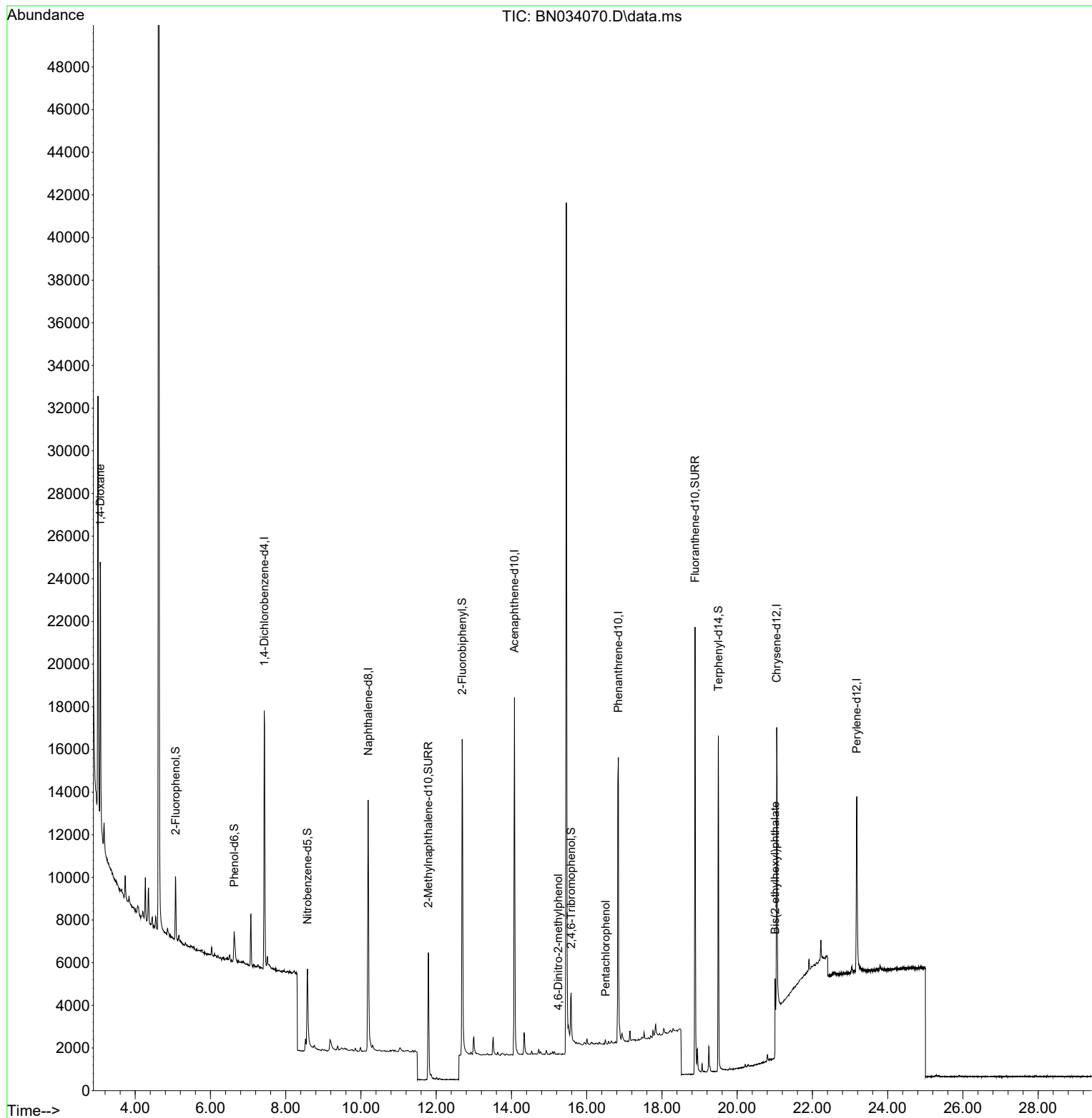
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	5993	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	16724	0.400	ng	0.00
13) Acenaphthene-d10	14.079	164	9408	0.400	ng	0.00
19) Phenanthrene-d10	16.840	188	20793	0.400	ng	0.00
29) Chrysene-d12	21.051	240	13634	0.400	ng	# 0.00
35) Perylene-d12	23.175	264	11391	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.076	112	2276	0.134	ng	0.00
5) Phenol-d6	6.629	99	1395	0.071	ng	0.00
8) Nitrobenzene-d5	8.579	82	4293	0.336	ng	0.00
11) 2-Methylnaphthalene-d10	11.791	152	9079	0.368	ng	0.00
14) 2,4,6-Tribromophenol	15.586	330	1382	0.324	ng	0.00
15) 2-Fluorobiphenyl	12.690	172	14808	0.387	ng	-0.01
27) Fluoranthene-d10	18.878	212	22946	0.437	ng	0.00
31) Terphenyl-d14	19.501	244	15011	0.551	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.075	88	7317	0.977	ng	# 81
20) 4,6-Dinitro-2-methylph...	15.245	198	3	0.138	ng	# 1
24) Pentachlorophenol	16.505	266	127	0.029	ng	91
34) Bis(2-ethylhexyl)phtha...	21.006	149	1994	0.111	ng	# 85

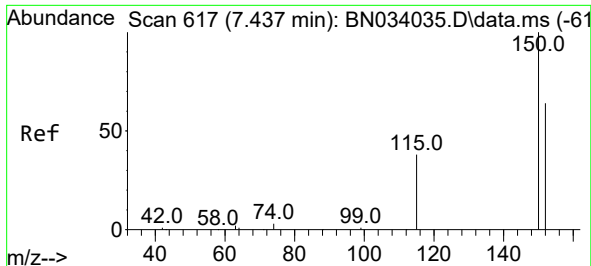
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092024\
Data File : BN034070.D
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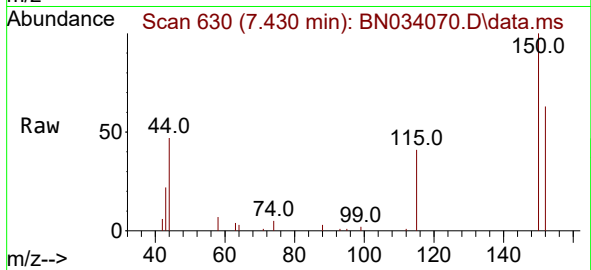
Quant Time: Sep 20 05:09:54 2024
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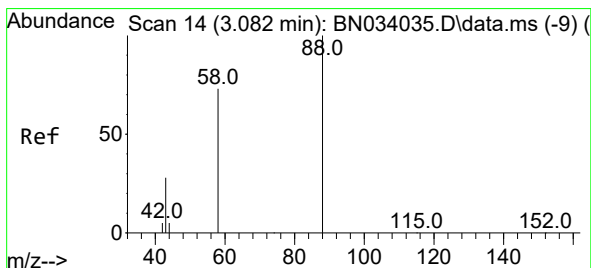
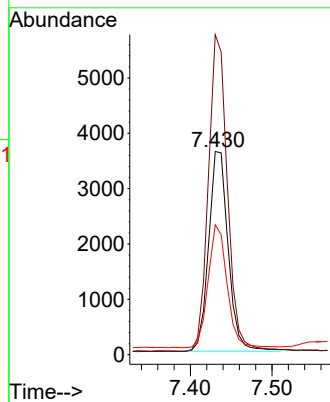
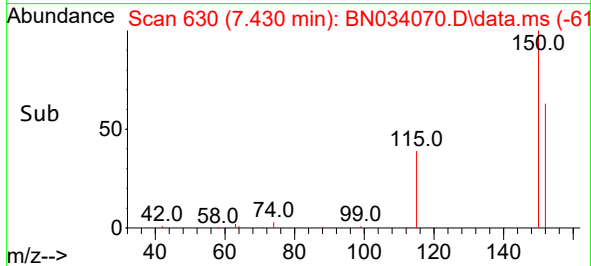


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.430 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN034070.D
Acq: 20 Sep 2024 04:46

Instrument :
BNA_N
ClientSampleId :
MW179D2-20240910

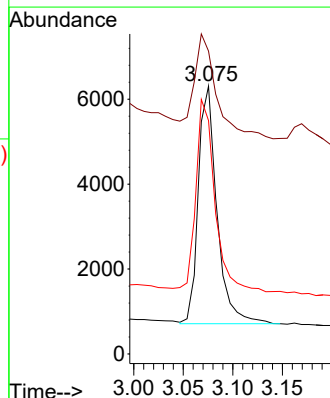
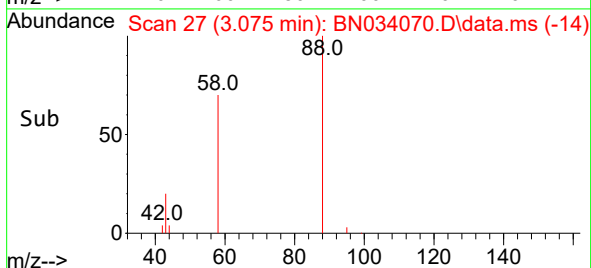
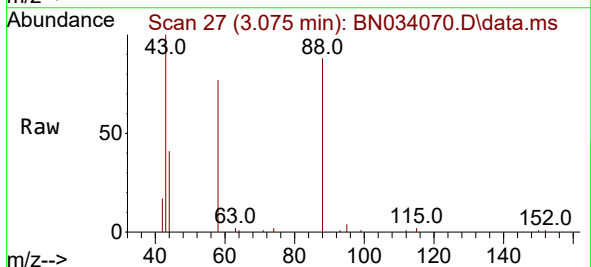


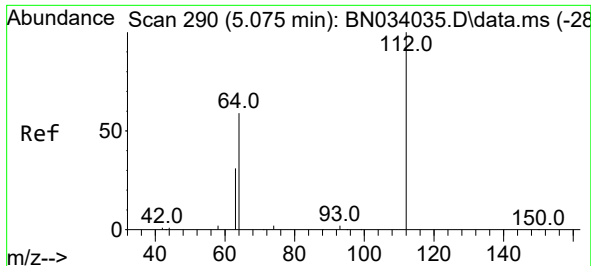
Tgt Ion:152 Resp: 5993
Ion Ratio Lower Upper
152 100
150 157.5 124.6 187.0
115 64.0 50.0 75.0



#2
1,4-Dioxane
Concen: 0.977 ng
RT: 3.075 min Scan# 27
Delta R.T. -0.006 min
Lab File: BN034070.D
Acq: 20 Sep 2024 04:46

Tgt Ion: 88 Resp: 7317
Ion Ratio Lower Upper
88 100
43 53.8 25.8 38.8#
58 82.6 58.8 88.2

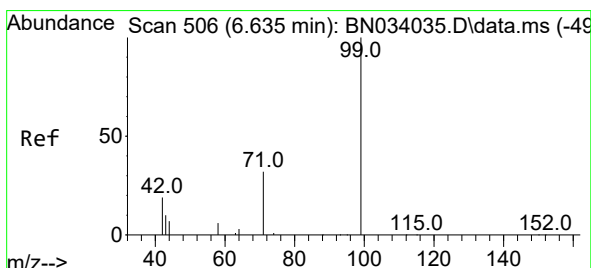
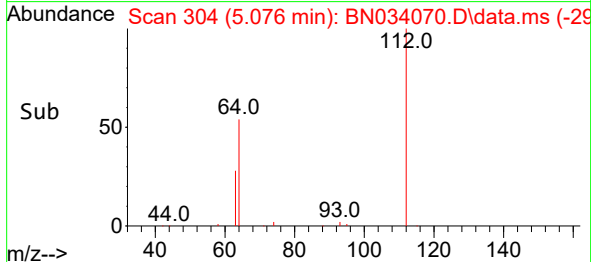
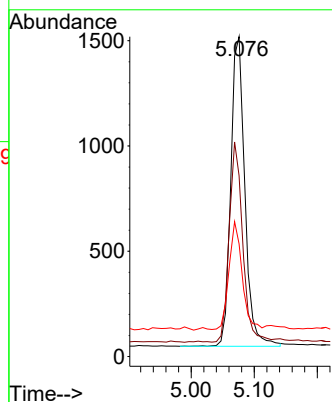
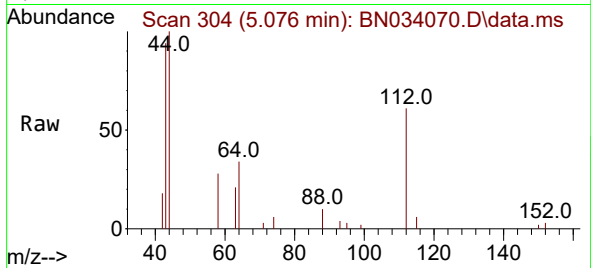




#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.076 min Scan# 304
Delta R.T. 0.001 min
Lab File: BN034070.D
Acq: 20 Sep 2024 04:46

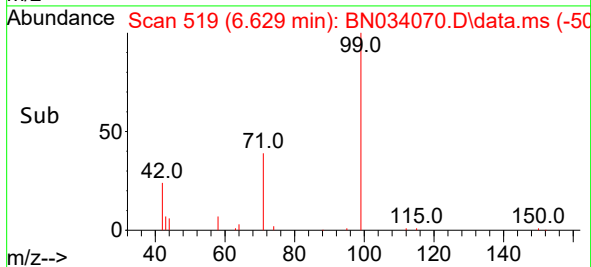
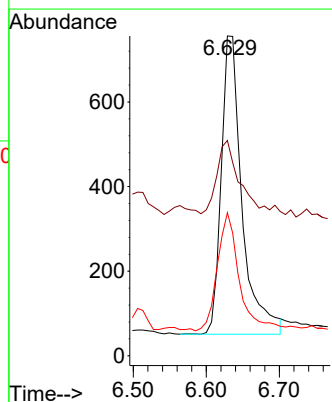
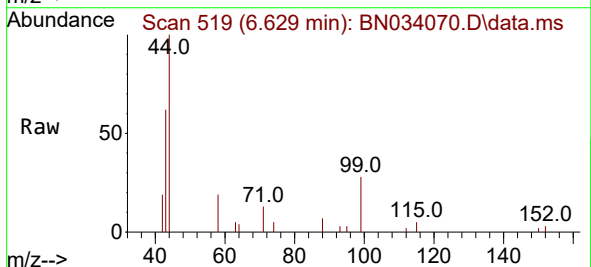
Instrument :
BNA_N
ClientSampleId :
MW179D2-20240910

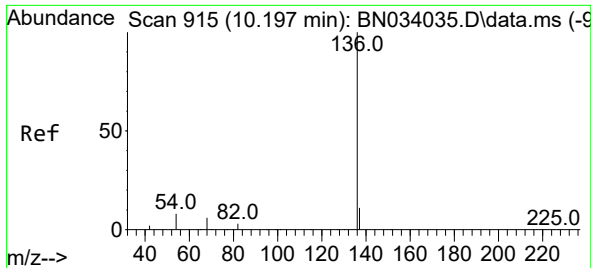
Tgt Ion:112 Resp: 2276
Ion Ratio Lower Upper
112 100
64 62.1 48.6 72.8
63 32.3 25.6 38.4



#5
Phenol-d6
Concen: 0.071 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034070.D
Acq: 20 Sep 2024 04:46

Tgt Ion: 99 Resp: 1395
Ion Ratio Lower Upper
99 100
42 27.0 17.8 26.8#
71 41.5 26.2 39.2#

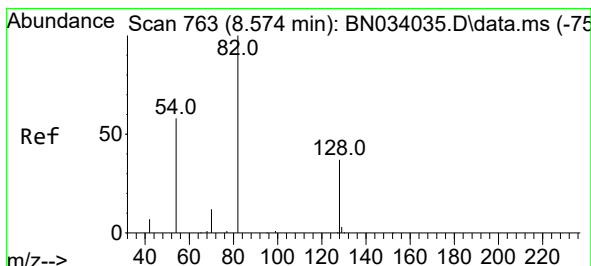
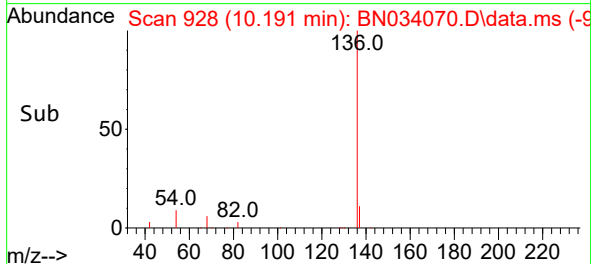
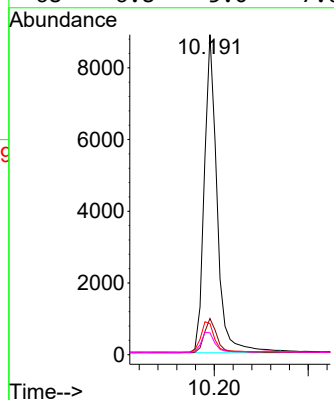
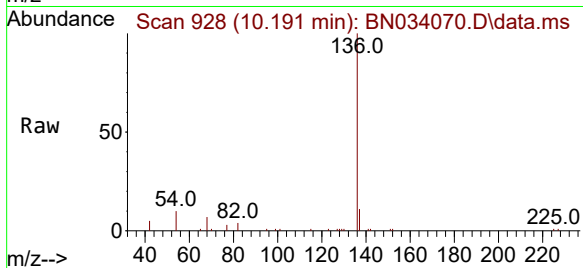




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 915
Delta R.T. -0.006 min
Lab File: BN034070.D
Acq: 20 Sep 2024 04:46

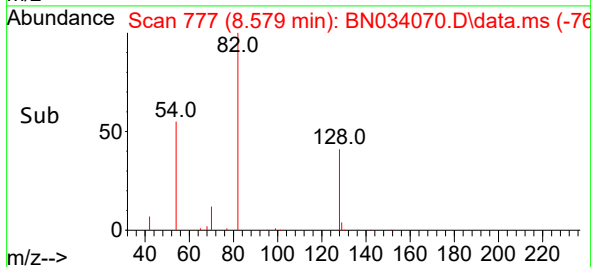
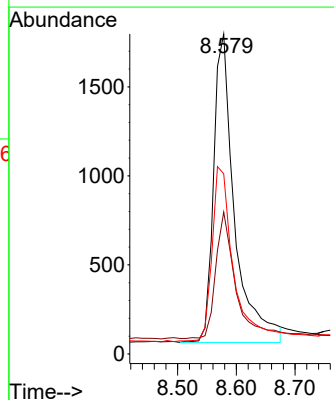
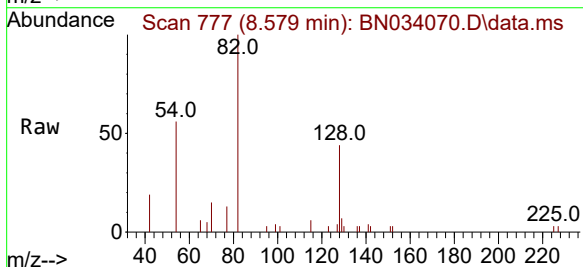
Instrument :
BNA_N
ClientSampleId :
MW179D2-20240910

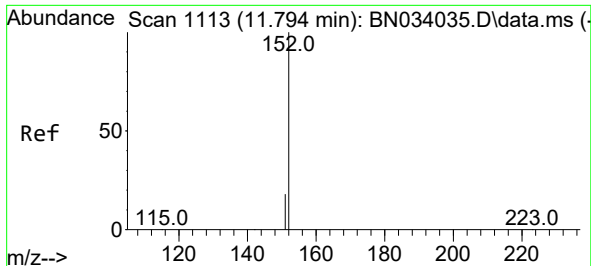
Tgt Ion:136	Resp:	16724
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.0 13.6
54	9.7	6.8 10.2
68	6.8	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.336 ng
RT: 8.579 min Scan# 777
Delta R.T. 0.005 min
Lab File: BN034070.D
Acq: 20 Sep 2024 04:46

Tgt Ion: 82	Resp:	4293
Ion Ratio	Lower	Upper
82	100	
128	44.4	31.4 47.2
54	56.3	47.4 71.0

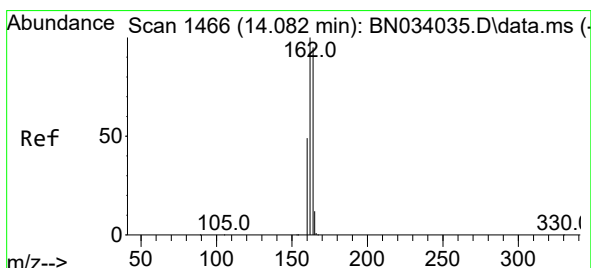
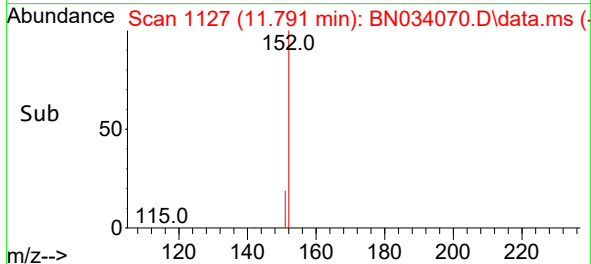
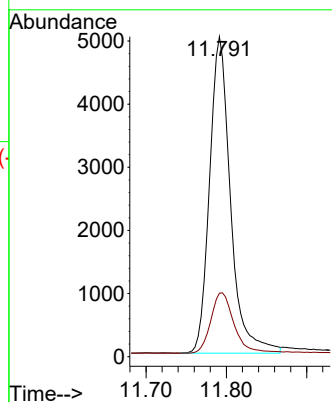
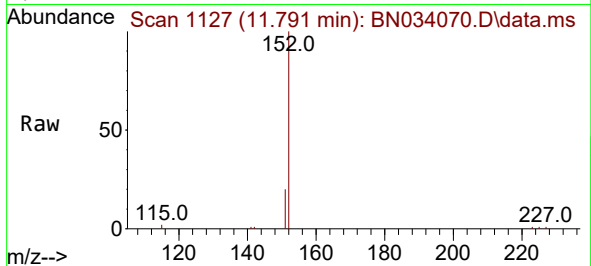




#11
2-Methylnaphthalene-d10
Concen: 0.368 ng
RT: 11.791 min Scan# 1113
Delta R.T. -0.002 min
Lab File: BN034070.D
Acq: 20 Sep 2024 04:46

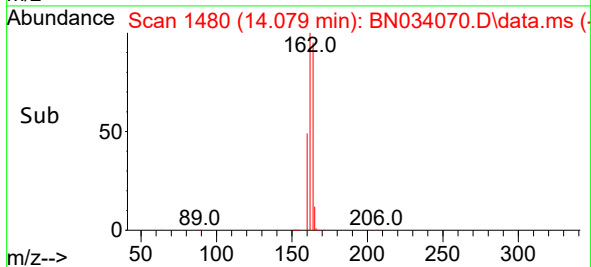
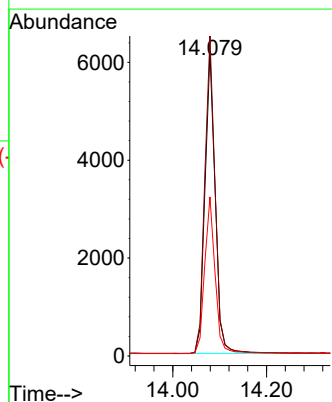
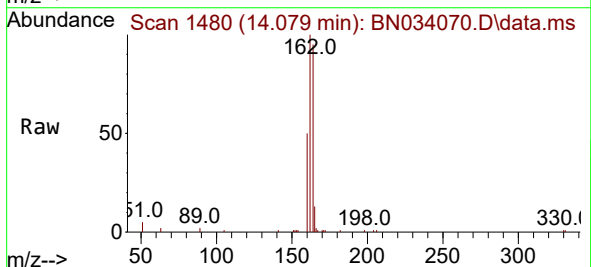
Instrument :
BNA_N
ClientSampleId :
MW179D2-20240910

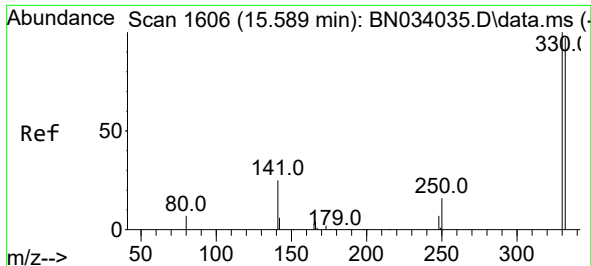
Tgt Ion:152 Resp: 9079
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.079 min Scan# 1480
Delta R.T. -0.002 min
Lab File: BN034070.D
Acq: 20 Sep 2024 04:46

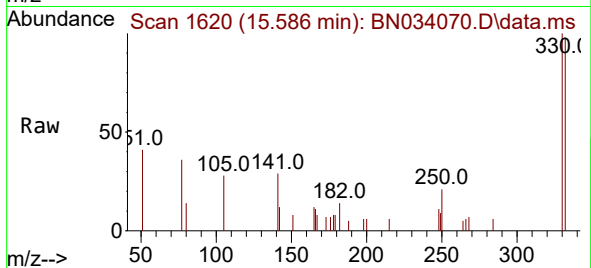
Tgt Ion:164 Resp: 9408
Ion Ratio Lower Upper
164 100
162 105.3 84.2 126.2
160 52.3 41.7 62.5



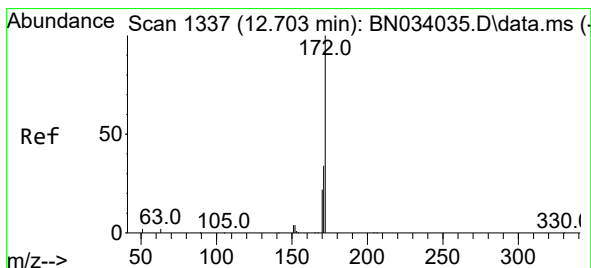
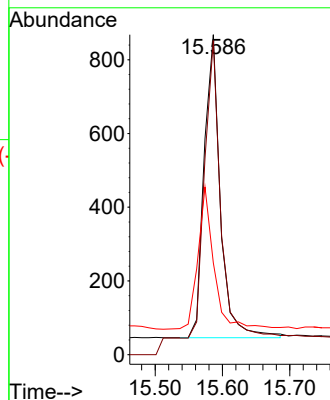
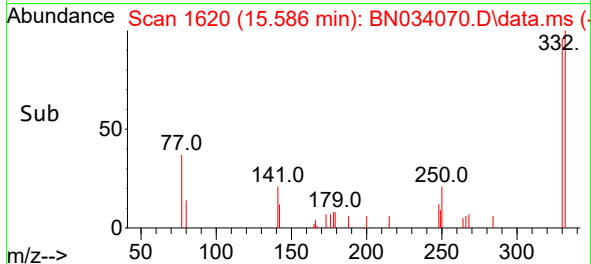


#14
2,4,6-Tribromophenol
Concen: 0.324 ng
RT: 15.586 min Scan# 1
Delta R.T. -0.002 min
Lab File: BN034070.D
Acq: 20 Sep 2024 04:46

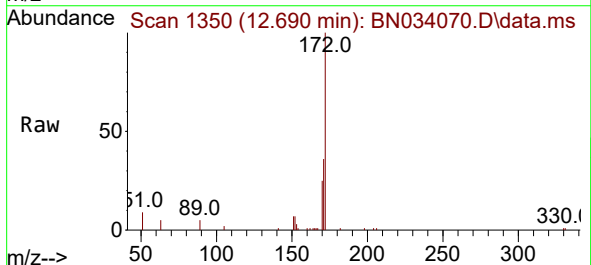
Instrument :
BNA_N
ClientSampleId :
MW179D2-20240910



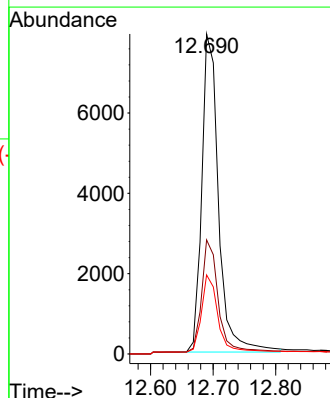
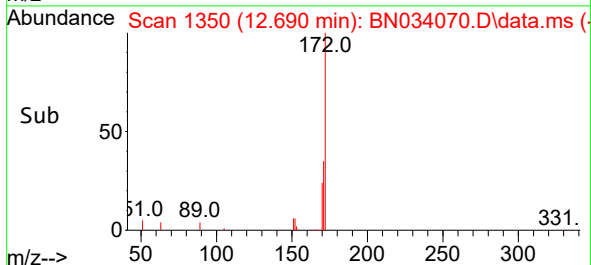
Tgt Ion: 330 Resp: 1382
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 46.5 35.9 53.9

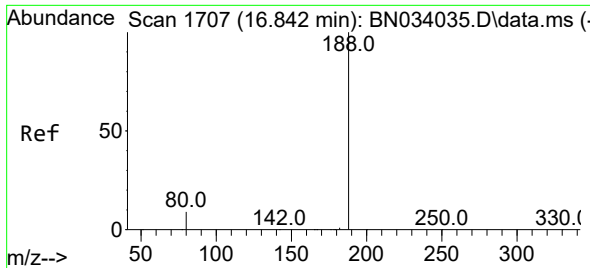


#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 12.690 min Scan# 1350
Delta R.T. -0.013 min
Lab File: BN034070.D
Acq: 20 Sep 2024 04:46



Tgt Ion: 172 Resp: 14808
Ion Ratio Lower Upper
172 100
171 35.6 27.3 40.9
170 24.7 18.1 27.1

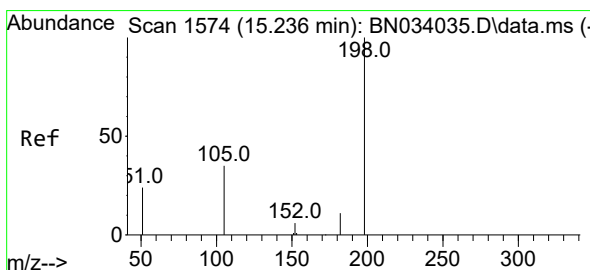
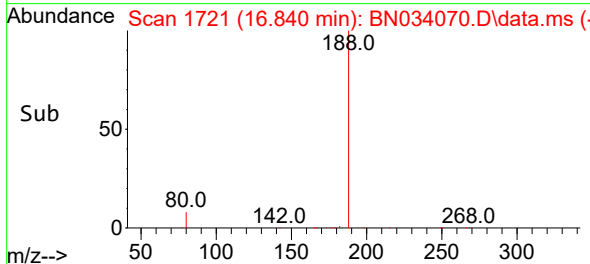
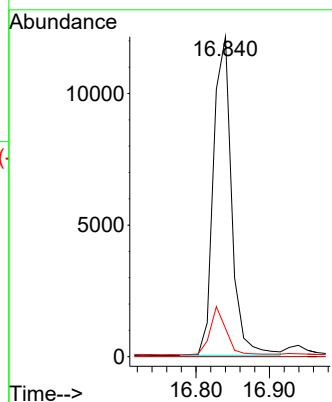
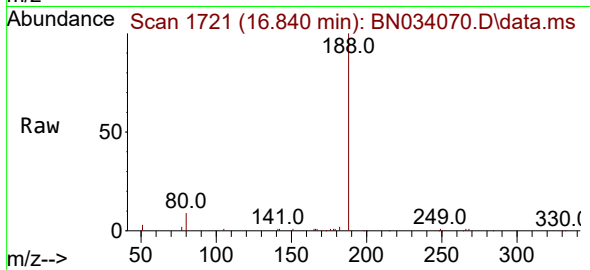




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.840 min Scan# 11
Delta R.T. -0.002 min
Lab File: BN034070.D
Acq: 20 Sep 2024 04:46

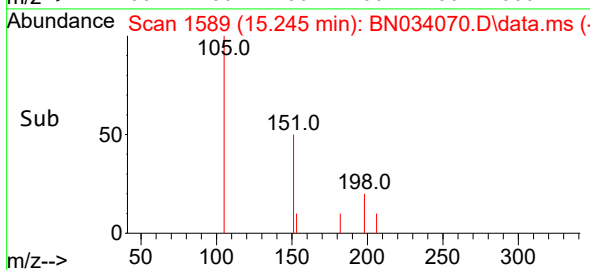
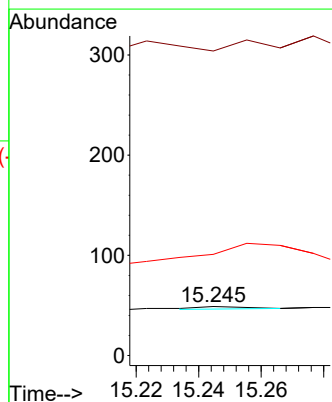
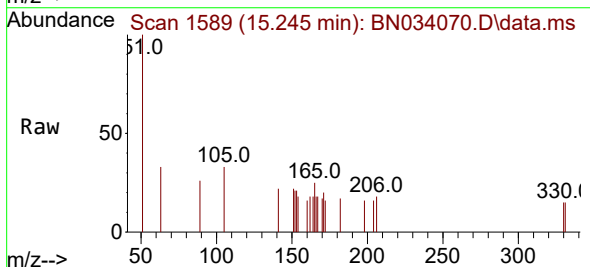
Instrument :
BNA_N
ClientSampleId :
MW179D2-20240910

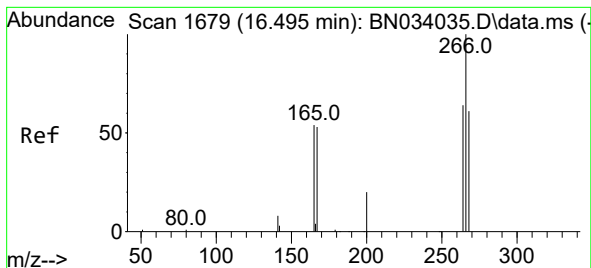
Tgt Ion:188 Resp: 20793
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.9 7.4 11.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.138 ng
RT: 15.245 min Scan# 1589
Delta R.T. 0.009 min
Lab File: BN034070.D
Acq: 20 Sep 2024 04:46

Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 620.4 106.4 159.6#
105 206.1 38.5 57.7#





#24

Pentachlorophenol

Concen: 0.029 ng

RT: 16.505 min Scan# 1

Delta R.T. 0.010 min

Lab File: BN034070.D

Acq: 20 Sep 2024 04:46

Instrument :

BNA_N

ClientSampleId :

MW179D2-20240910

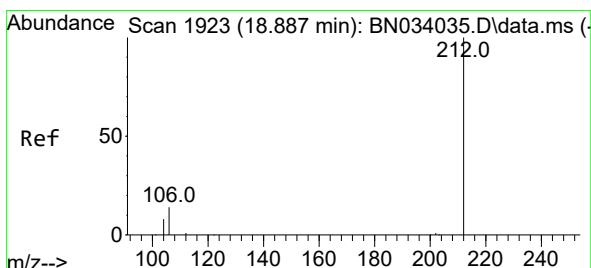
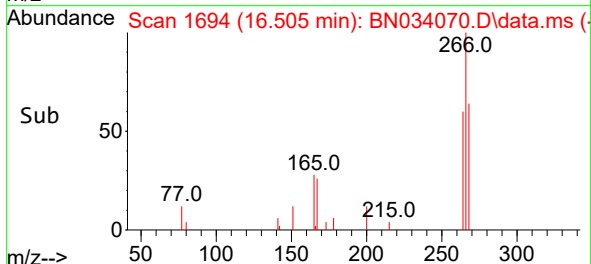
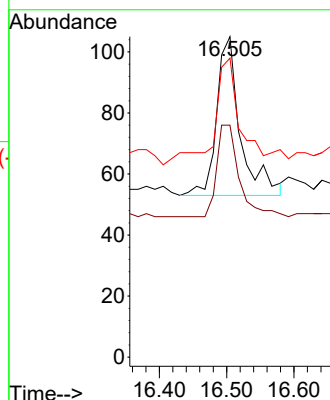
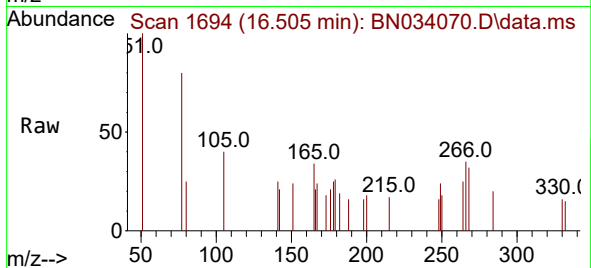
Tgt Ion:266 Resp: 127

Ion Ratio Lower Upper

266 100

264 54.3 50.2 75.2

268 58.3 51.0 76.4



#27

Fluoranthene-d10

Concen: 0.437 ng

RT: 18.878 min Scan# 1934

Delta R.T. -0.009 min

Lab File: BN034070.D

Acq: 20 Sep 2024 04:46

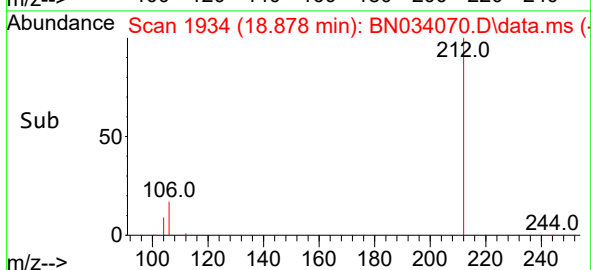
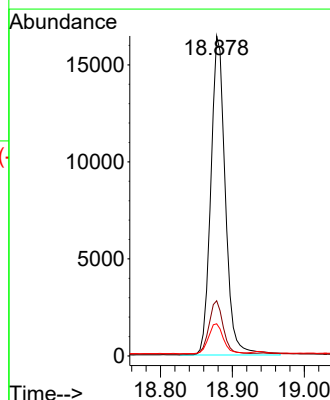
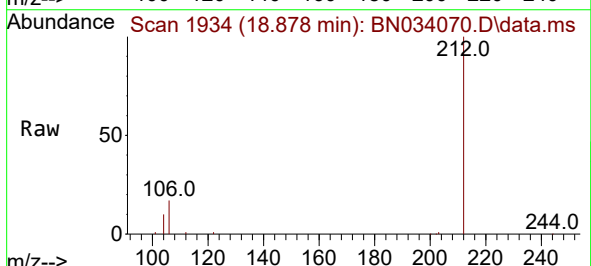
Tgt Ion:212 Resp: 22946

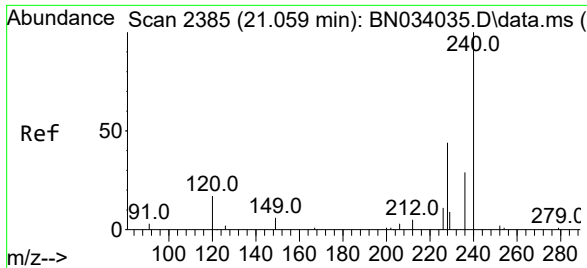
Ion Ratio Lower Upper

212 100

106 16.5 13.4 20.2

104 9.7 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: BN034070.D

Acq: 20 Sep 2024 04:46

Instrument :

BNA_N

ClientSampleId :

MW179D2-20240910

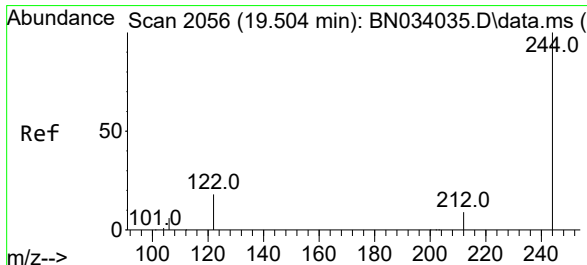
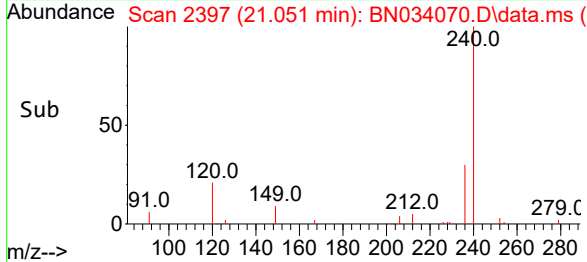
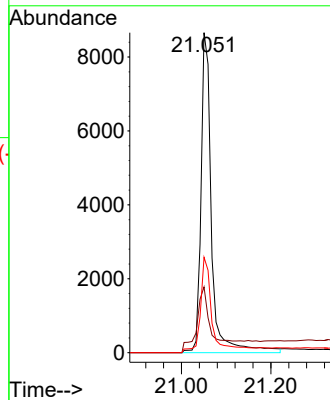
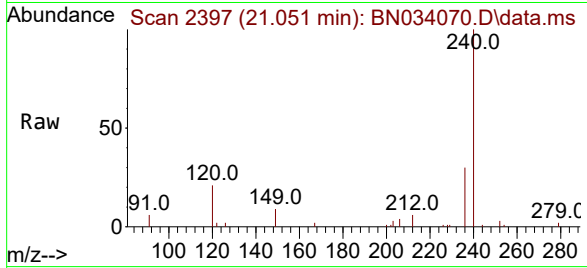
Tgt Ion:240 Resp: 13634

Ion Ratio Lower Upper

240 100

120 20.6 13.5 20.3#

236 29.8 23.4 35.0



#31

Terphenyl-d14

Concen: 0.551 ng

RT: 19.501 min Scan# 2068

Delta R.T. -0.004 min

Lab File: BN034070.D

Acq: 20 Sep 2024 04:46

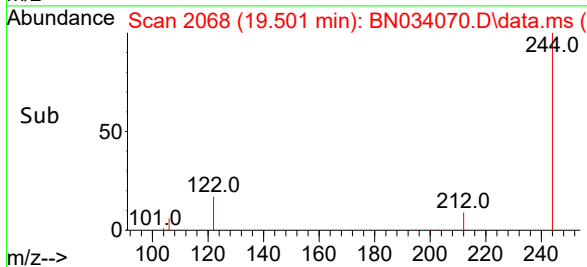
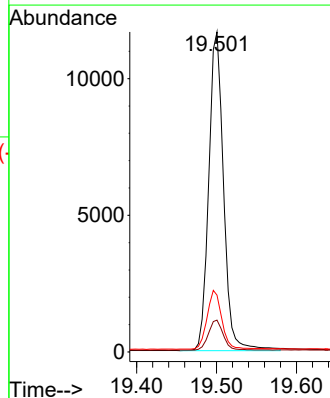
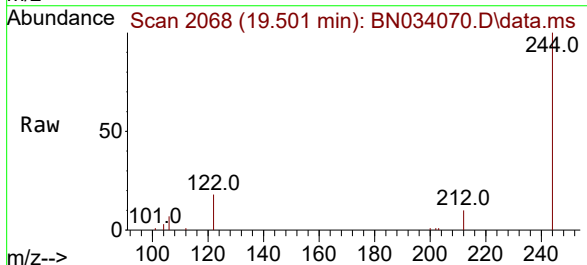
Tgt Ion:244 Resp: 15011

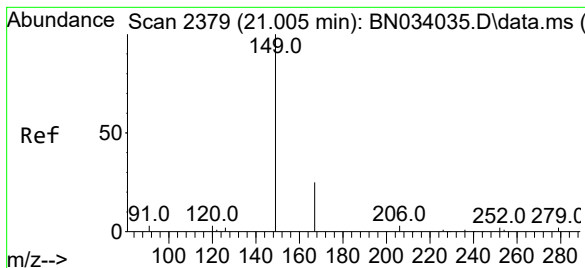
Ion Ratio Lower Upper

244 100

212 10.0 7.8 11.6

122 17.7 14.8 22.2

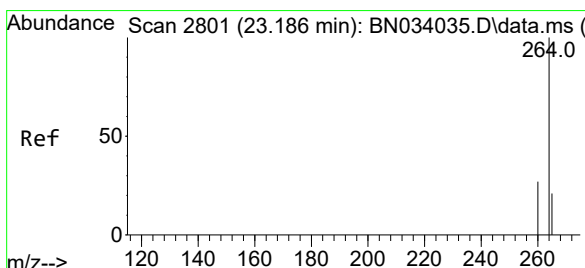
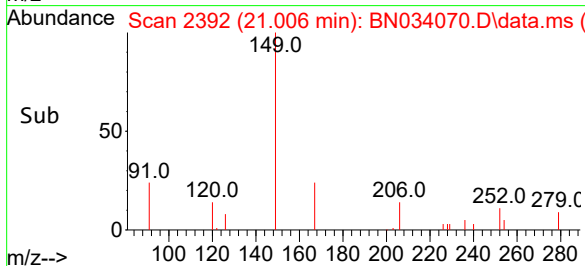
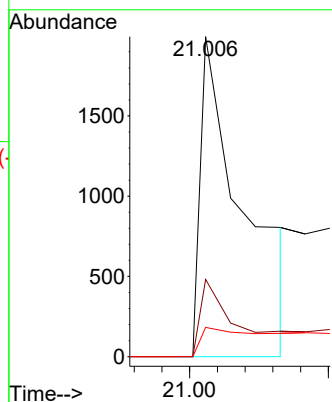
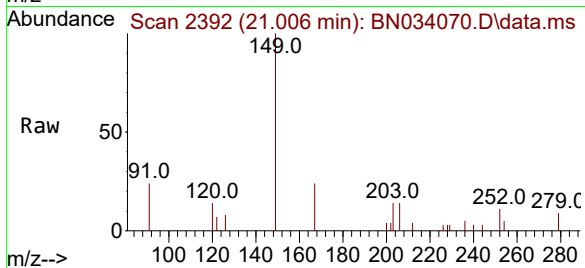




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.111 ng
RT: 21.006 min Scan# 2111
Delta R.T. 0.001 min
Lab File: BN034070.D
Acq: 20 Sep 2024 04:46

Instrument :
BNA_N
ClientSampleId :
MW179D2-20240910

Tgt Ion:149 Resp: 1994
Ion Ratio Lower Upper
149 100
167 17.2 19.9 29.9#
279 9.8 4.6 6.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.175 min Scan# 2810
Delta R.T. -0.011 min
Lab File: BN034070.D
Acq: 20 Sep 2024 04:46

Tgt Ion:264 Resp: 11391
Ion Ratio Lower Upper
264 100
260 26.8 21.7 32.5
265 81.4 52.1 78.1#

