

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092024\
 Data File : BN034074.D
 Acq On : 20 Sep 2024 07:11
 Operator : JU/RC
 Sample : P3957-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW203D2-20240910

Quant Time: Sep 20 07:46:07 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)

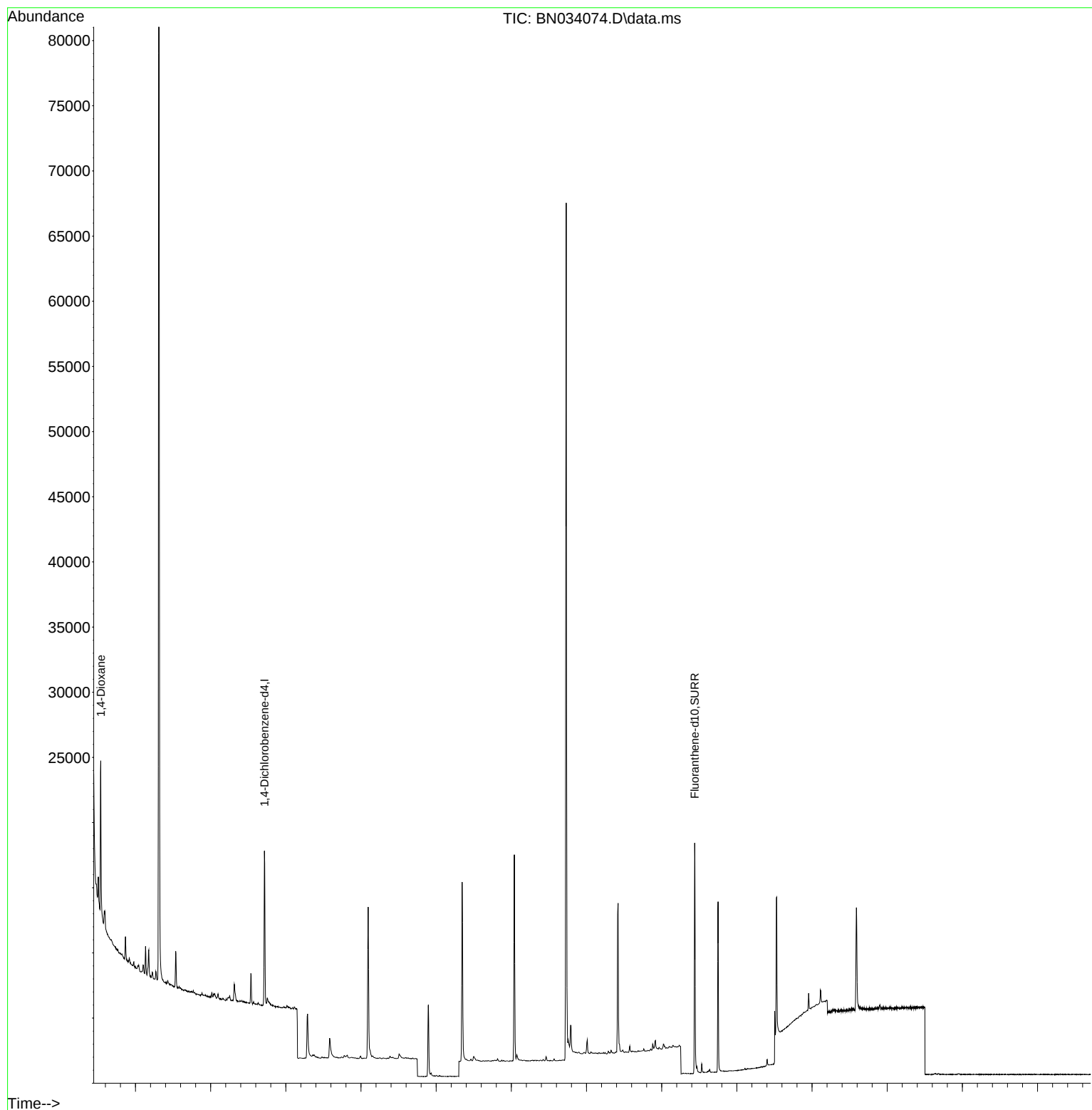
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	5791	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	16066	0.400	ng	0.00
13) Acenaphthene-d10	14.079	164	8594	0.400	ng	0.00
19) Phenanthrene-d10	16.840	188	18216	0.400	ng	0.00
29) Chrysene-d12	21.059	240	11555	0.400	ng	# 0.00
35) Perylene-d12	23.181	264	10350	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.076	112	2163	0.132	ng	0.00
5) Phenol-d6	6.629	99	1271	0.066	ng	0.00
8) Nitrobenzene-d5	8.578	82	3789	0.308	ng	0.00
11) 2-Methylnaphthalene-d10	11.791	152	8307	0.350	ng	0.00
14) 2,4,6-Tribromophenol	15.586	330	1131	0.290	ng	0.00
15) 2-Fluorobiphenyl	12.690	172	12782	0.366	ng	-0.01
27) Fluoranthene-d10	18.878	212	19647	0.427	ng	0.00
31) Terphenyl-d14	19.501	244	12466	0.540	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.075	88	6860	0.948	ng	# 80

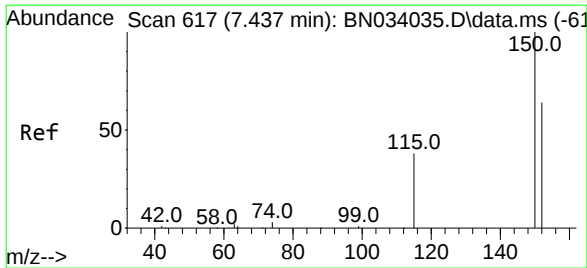
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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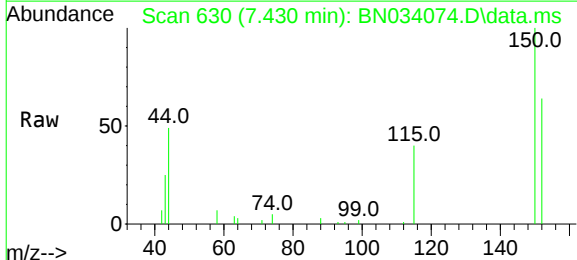
Quant Time: Sep 20 07:46:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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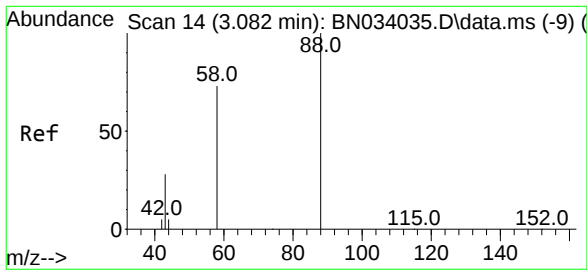
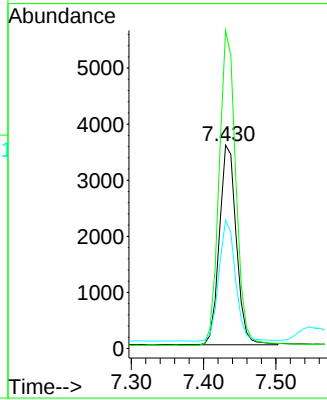
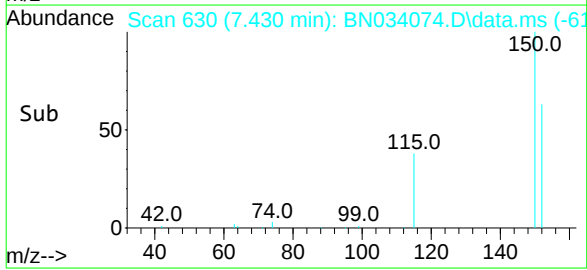


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.430 min Scan# 63
Delta R.T. -0.007 min
Lab File: BN034074.D
Acq: 20 Sep 2024 07:11

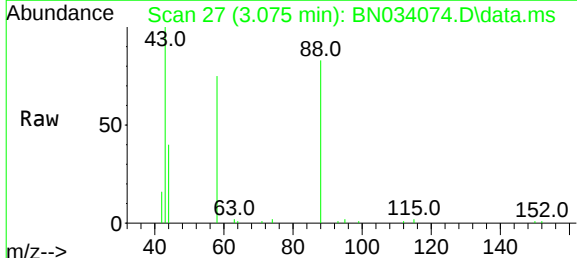
Instrument :
BNA_N
ClientSampleId :
MW203D2-20240910



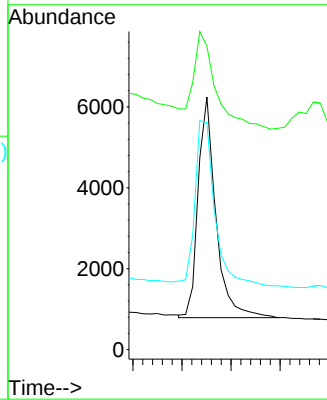
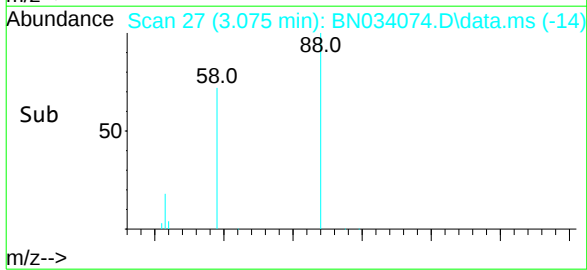
Tgt Ion: 152 Resp: 5791
Ion Ratio Lower Upper
152 100
150 156.4 124.6 187.0
115 63.0 50.0 75.0

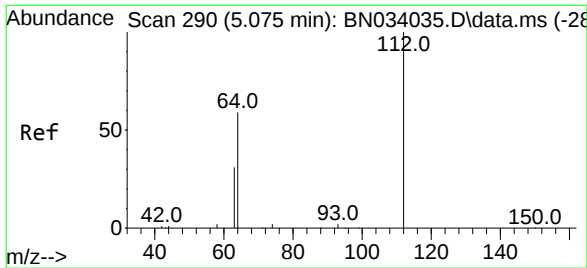


#2
1,4-Dioxane
Concen: 0.948 ng
RT: 3.075 min Scan# 27
Delta R.T. -0.006 min
Lab File: BN034074.D
Acq: 20 Sep 2024 07:11



Tgt Ion: 88 Resp: 6860
Ion Ratio Lower Upper
88 100
43 54.1 25.8 38.8#
58 83.8 58.8 88.2

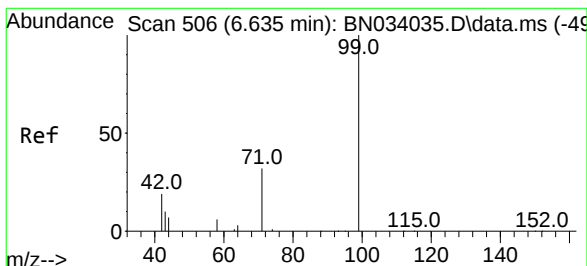
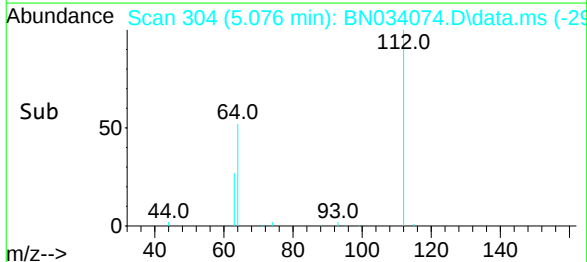
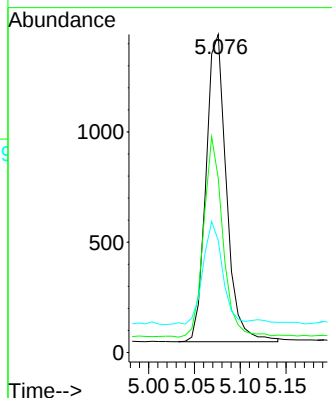
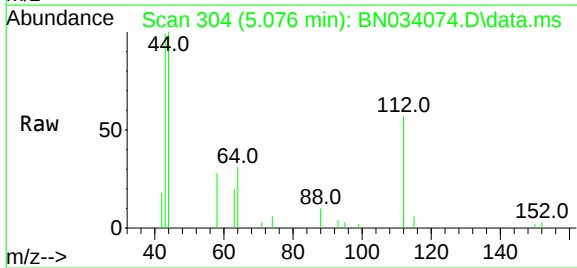




#4
2-Fluorophenol
Concen: 0.132 ng
RT: 5.076 min Scan# 304
Delta R.T. 0.001 min
Lab File: BN034074.D
Acq: 20 Sep 2024 07:11

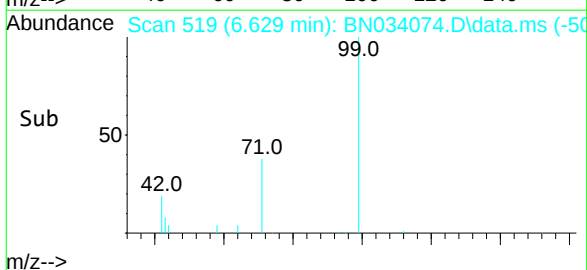
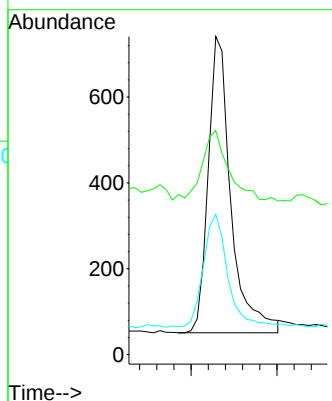
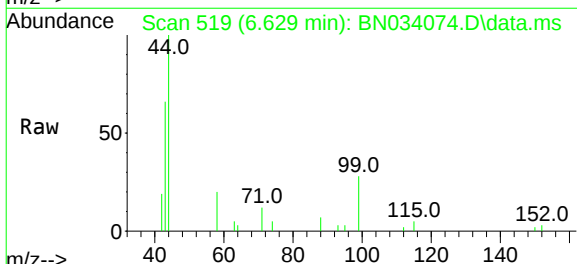
Instrument :
BNA_N
ClientSampleId :
MW203D2-20240910

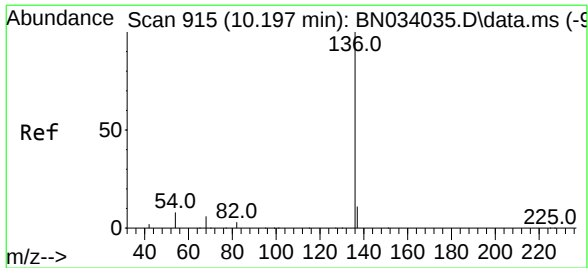
Tgt Ion:	112	Resp:	2163
Ion	Ratio	Lower	Upper
112	100		
64	61.1	48.6	72.8
63	32.1	25.6	38.4



#5
Phenol-d6
Concen: 0.066 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034074.D
Acq: 20 Sep 2024 07:11

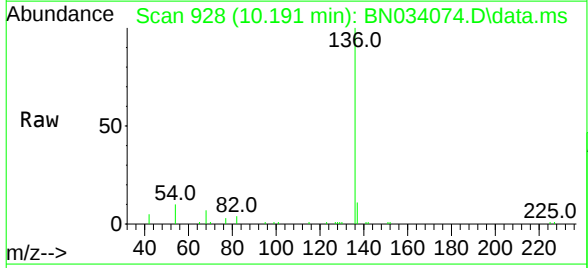
Tgt Ion:	99	Resp:	1271
Ion	Ratio	Lower	Upper
99	100		
42	27.1	17.8	26.8#
71	40.6	26.2	39.2#



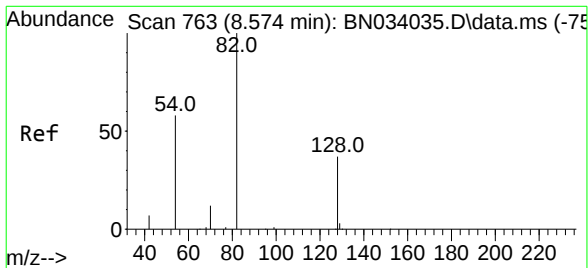
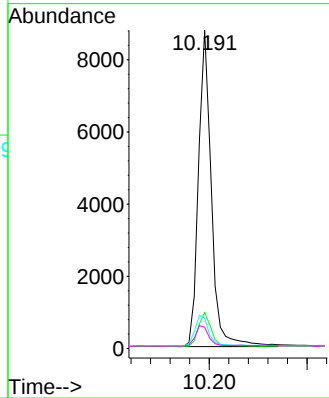
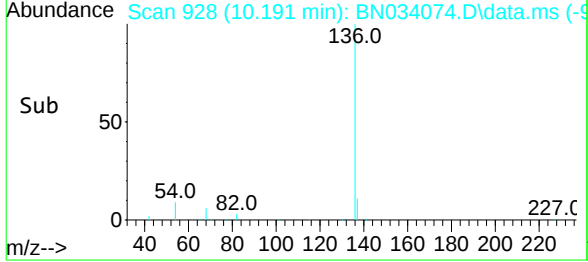


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 92
Delta R.T. -0.006 min
Lab File: BN034074.D
Acq: 20 Sep 2024 07:11

Instrument :
BNA_N
ClientSampleId :
MW203D2-20240910

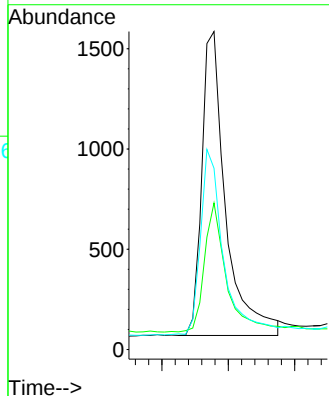
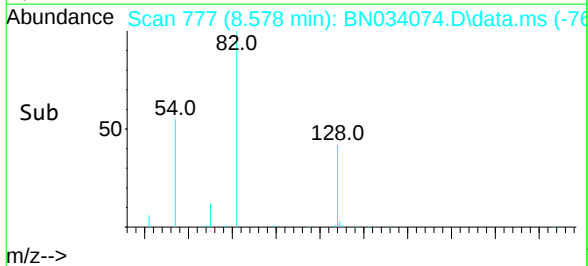
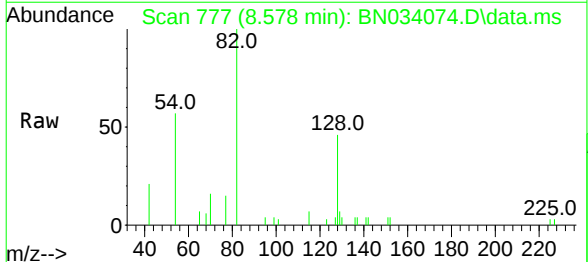


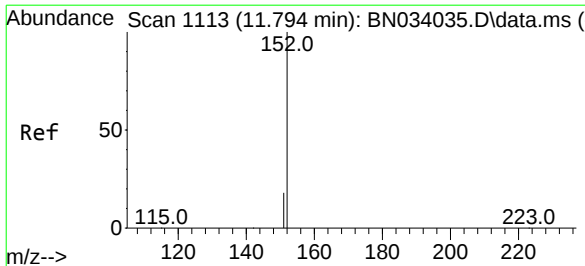
Tgt Ion:	136	Resp:	16066
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	9.6	6.8	10.2
68	6.7	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.308 ng
RT: 8.578 min Scan# 777
Delta R.T. 0.004 min
Lab File: BN034074.D
Acq: 20 Sep 2024 07:11

Tgt Ion:	82	Resp:	3789
Ion Ratio	Lower	Upper	
82	100		
128	46.1	31.4	47.2
54	57.0	47.4	71.0

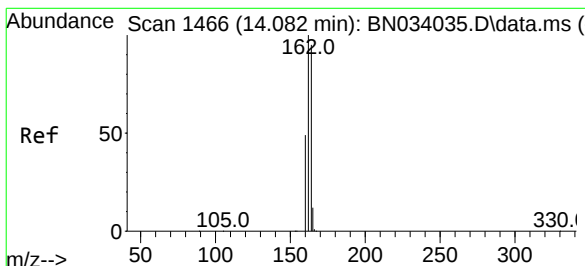
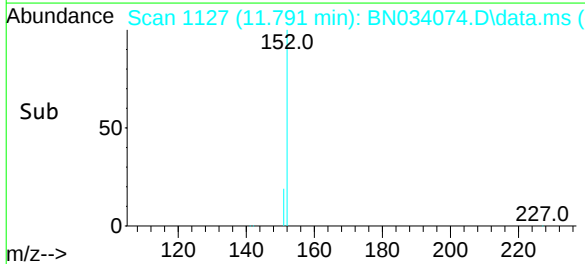
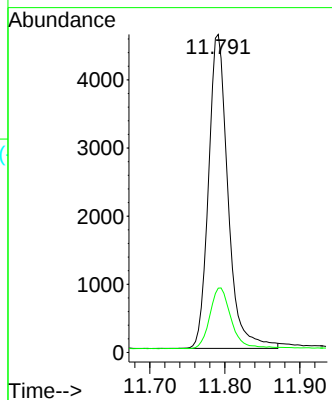
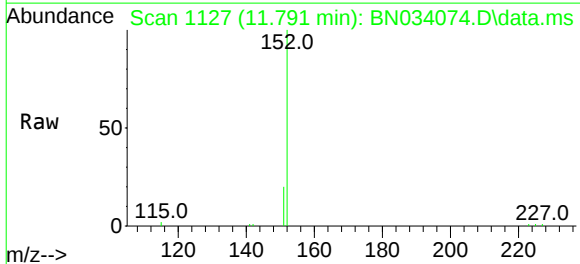




#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 11.791 min Scan# 1113
Delta R.T. -0.002 min
Lab File: BN034074.D
Acq: 20 Sep 2024 07:11

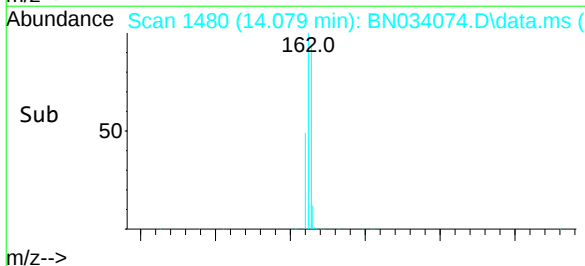
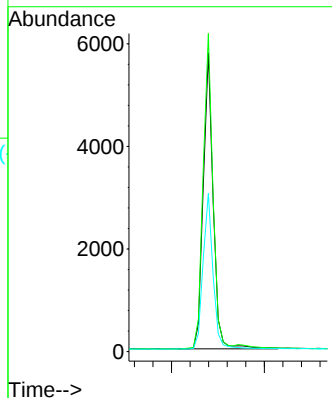
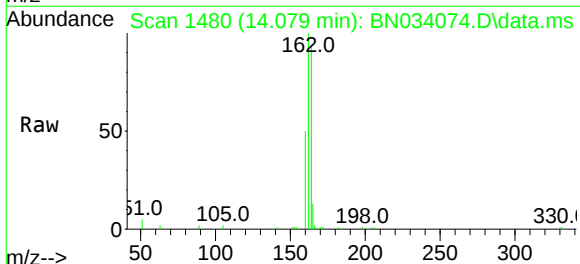
Instrument :
BNA_N
ClientSampleId :
MW203D2-20240910

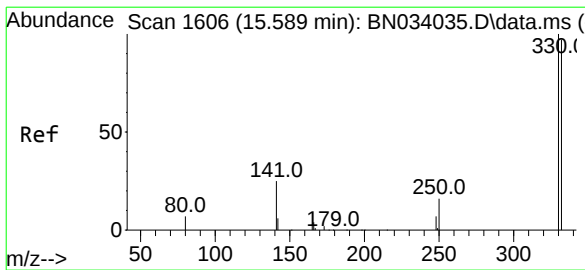
Tgt Ion:152 Resp: 8307
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.079 min Scan# 1480
Delta R.T. -0.002 min
Lab File: BN034074.D
Acq: 20 Sep 2024 07:11

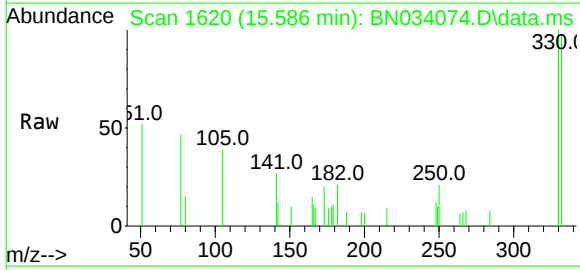
Tgt Ion:164 Resp: 8594
Ion Ratio Lower Upper
164 100
162 106.4 84.2 126.2
160 53.0 41.7 62.5



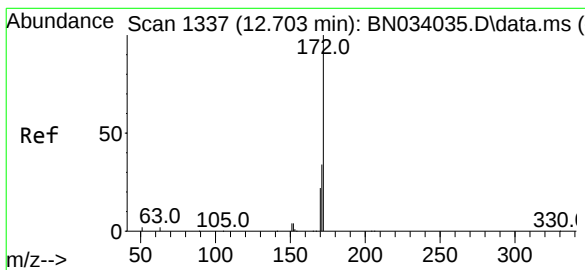
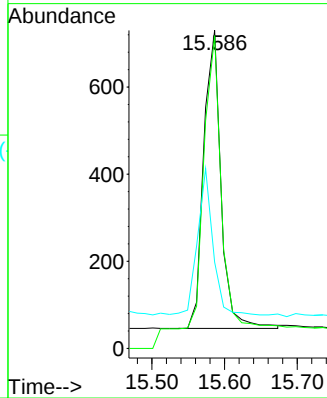
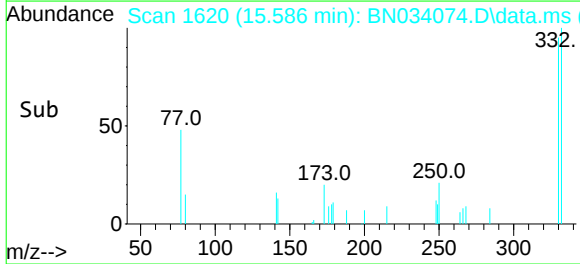


#14
2,4,6-Tribromophenol
Concen: 0.290 ng
RT: 15.586 min Scan# 1606
Delta R.T. -0.002 min
Lab File: BN034074.D
Acq: 20 Sep 2024 07:11

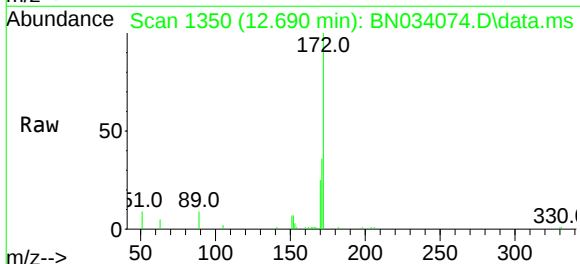
Instrument :
BNA_N
ClientSampleId :
MW203D2-20240910



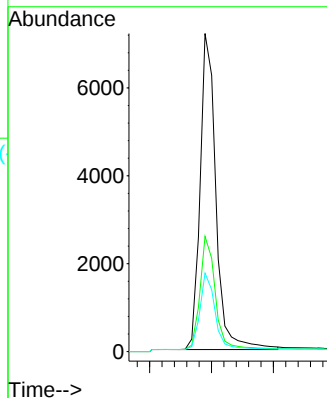
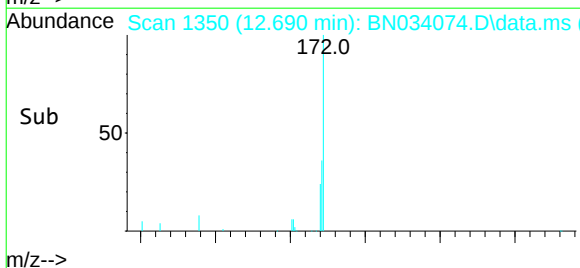
Tgt Ion:330 Resp: 1131
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 46.8 35.9 53.9

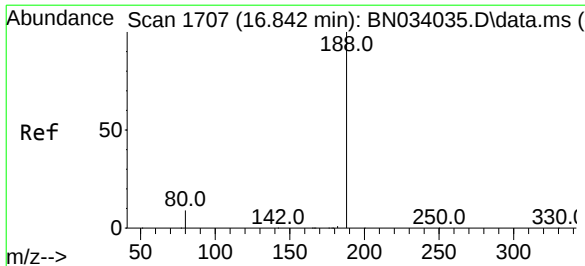


#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 12.690 min Scan# 1350
Delta R.T. -0.013 min
Lab File: BN034074.D
Acq: 20 Sep 2024 07:11



Tgt Ion:172 Resp: 12782
Ion Ratio Lower Upper
172 100
171 36.2 27.3 40.9
170 24.7 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.840 min Scan# 17

Delta R.T. -0.002 min

Lab File: BN034074.D

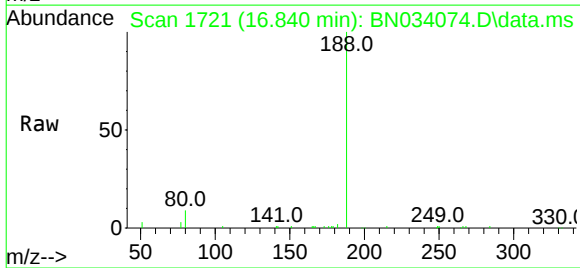
Acq: 20 Sep 2024 07:11

Instrument :

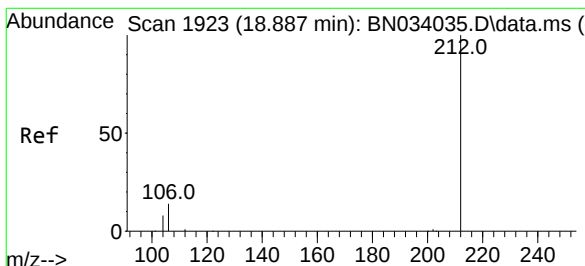
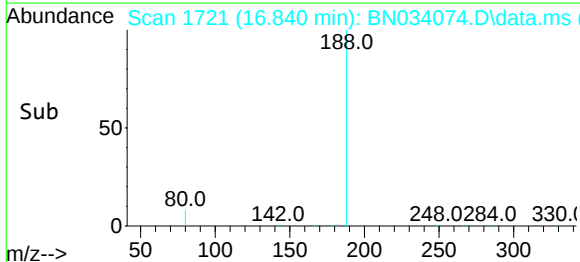
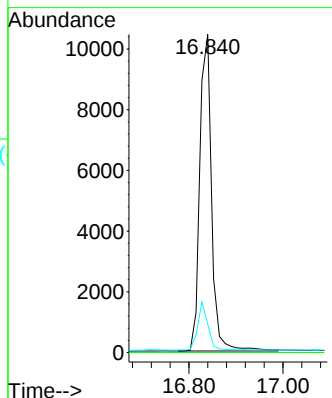
BNA_N

ClientSampleId :

MW203D2-20240910



Tgt Ion:	188	Resp:	18216
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.9	7.4	11.0



#27

Fluoranthene-d10

Concen: 0.427 ng

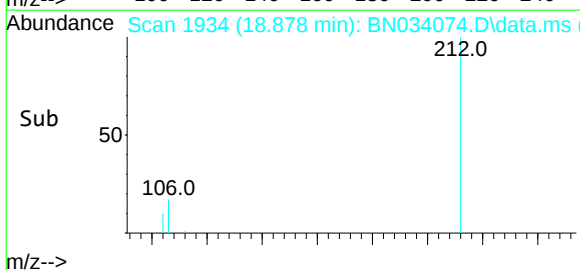
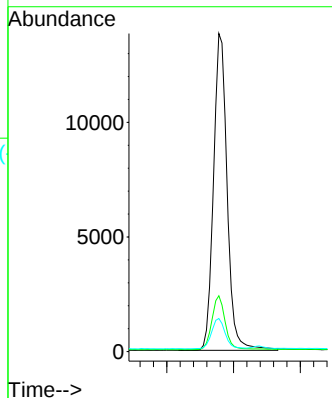
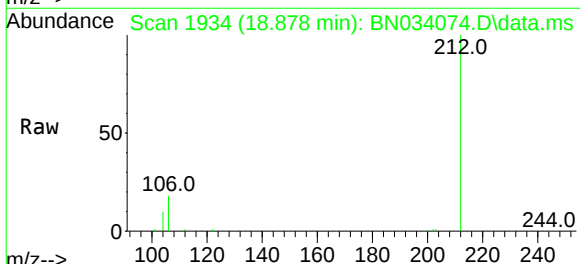
RT: 18.878 min Scan# 1934

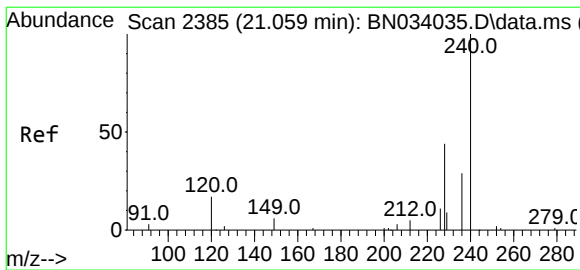
Delta R.T. -0.009 min

Lab File: BN034074.D

Acq: 20 Sep 2024 07:11

Tgt Ion:	212	Resp:	19647
Ion Ratio	Lower	Upper	
212	100		
106	16.7	13.4	20.2
104	9.6	7.8	11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.059 min Scan# 2385

Delta R.T. 0.001 min

Lab File: BN034074.D

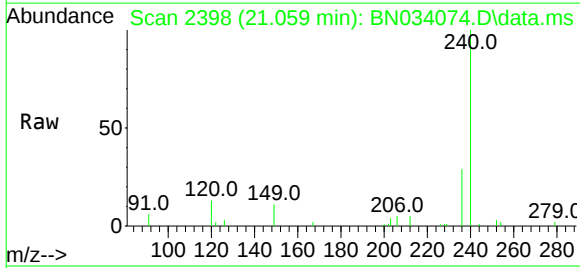
Acq: 20 Sep 2024 07:11

Instrument :

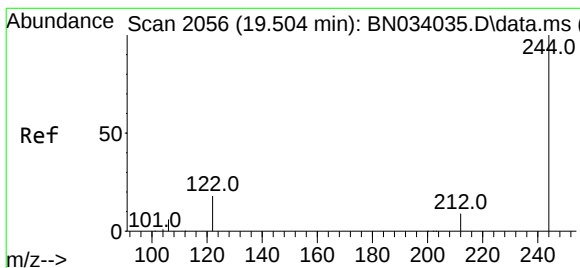
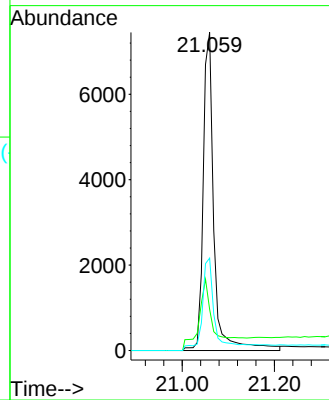
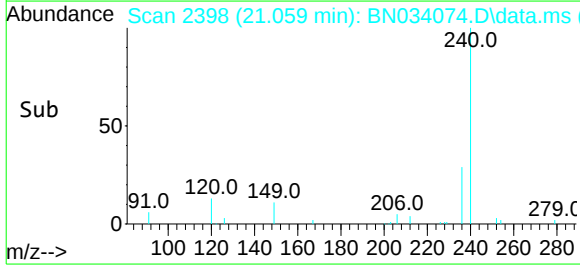
BNA_N

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Tgt Ion:	240	Resp:	11555
Ion Ratio	Lower	Upper	
240	100		
120	12.9	13.5	20.3#
236	29.1	23.4	35.0



#31

Terphenyl-d14

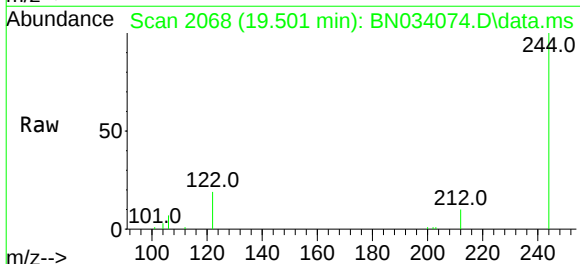
Concen: 0.540 ng

RT: 19.501 min Scan# 2068

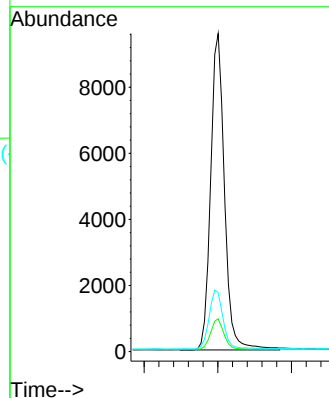
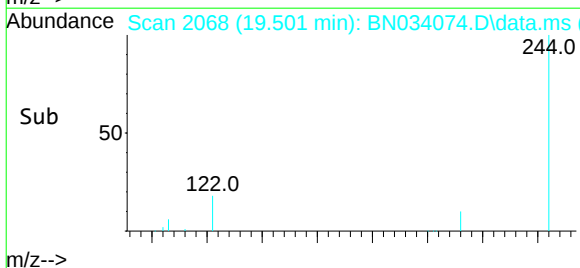
Delta R.T. -0.004 min

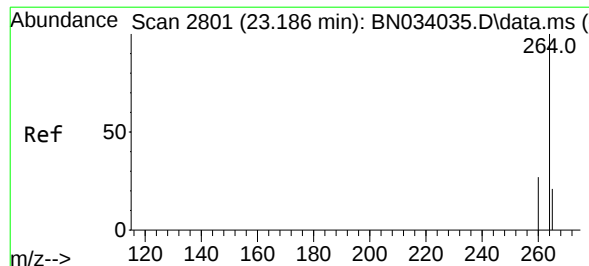
Lab File: BN034074.D

Acq: 20 Sep 2024 07:11



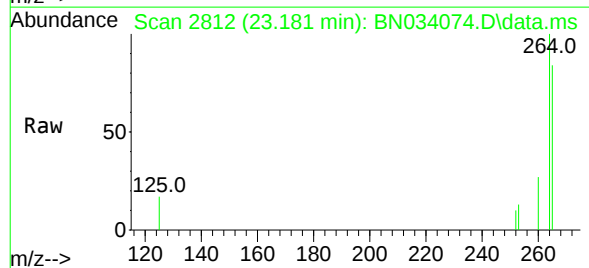
Tgt Ion:	244	Resp:	12466
Ion Ratio	Lower	Upper	
244	100		
212	10.3	7.8	11.6
122	18.6	14.8	22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.181 min Scan# 28
 Delta R.T. -0.005 min
 Lab File: BN034074.D
 Acq: 20 Sep 2024 07:11

Instrument :
 BNA_N
 ClientSampleId :
 MW203D2-20240910



Tgt Ion:	264	Resp:	10350
Ion Ratio	Lower	Upper	
264	100		
260	27.2	21.7	32.5
265	84.0	52.1	78.1

