

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034084.D
 Acq On : 20 Sep 2024 13:16
 Operator : JU/RC
 Sample : P3957-14
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW201D1-20240910

Quant Time: Sep 20 15:04:53 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)

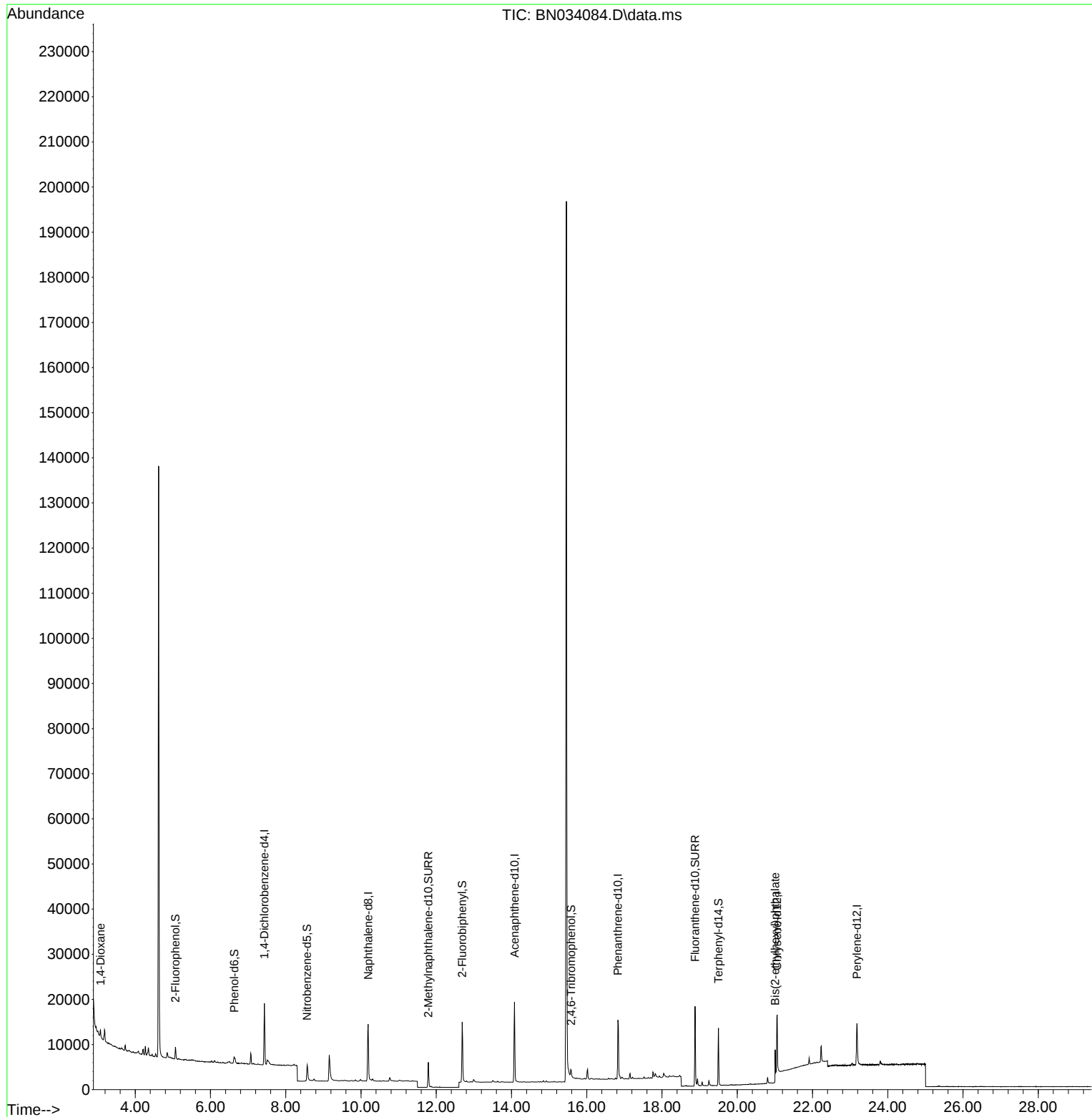
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	6334	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	17642	0.400	ng	0.00
13) Acenaphthene-d10	14.080	164	9849	0.400	ng	0.00
19) Phenanthrene-d10	16.828	188	19913	0.400	ng	#-0.01
29) Chrysene-d12	21.060	240	13562	0.400	ng	# 0.00
35) Perylene-d12	23.181	264	12102	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1958	0.109	ng	0.00
5) Phenol-d6	6.629	99	1280	0.061	ng	0.00
8) Nitrobenzene-d5	8.568	82	3642	0.270	ng	0.00
11) 2-Methylnaphthalene-d10	11.788	152	7821	0.300	ng	0.00
14) 2,4,6-Tribromophenol	15.587	330	975	0.219	ng	0.00
15) 2-Fluorobiphenyl	12.690	172	11992	0.299	ng	-0.01
27) Fluoranthene-d10	18.878	212	19164	0.381	ng	0.00
31) Terphenyl-d14	19.501	244	12005	0.443	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.076	88	987	0.125	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.006	149	4127	0.231	ng	# 93

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

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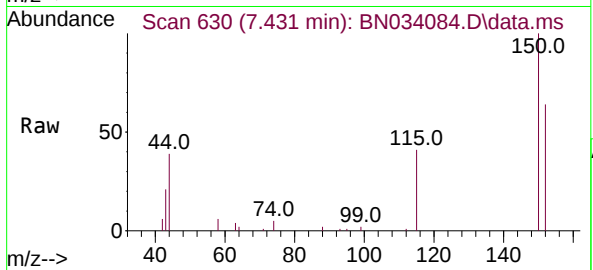
Quant Time: Sep 20 15:04:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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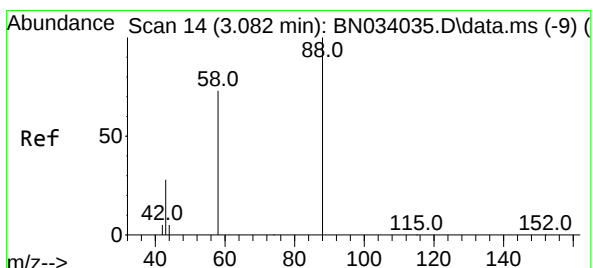
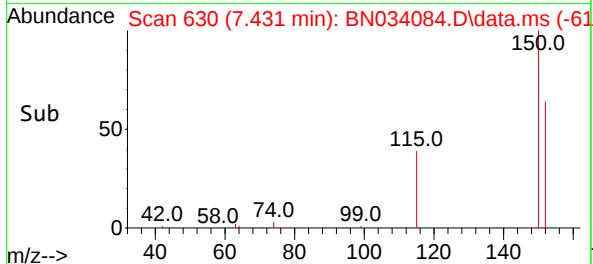
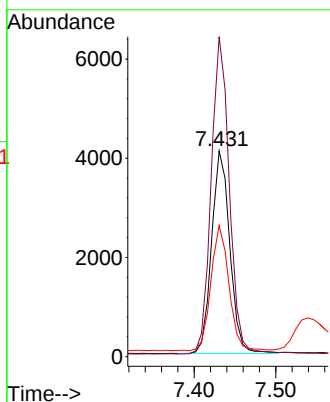


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.431 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN034084.D
Acq: 20 Sep 2024 13:16

Instrument :
BNA_N
ClientSampleId :
MW201D1-20240910

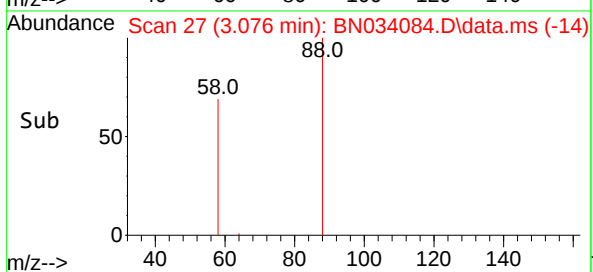
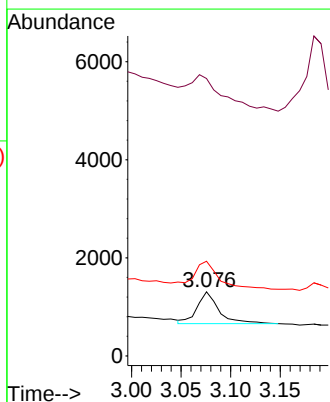
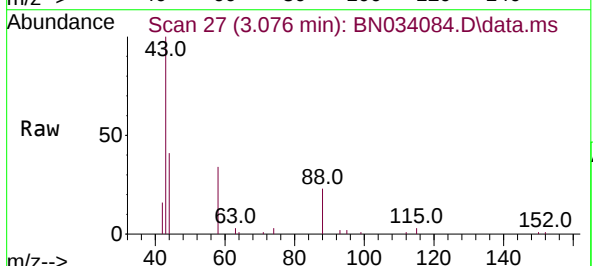


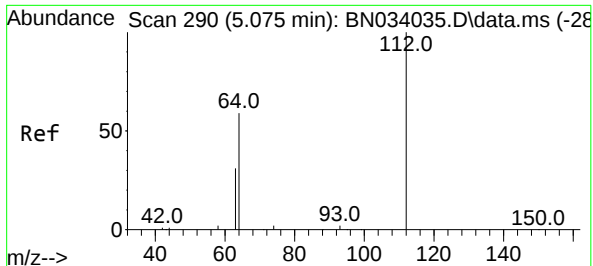
Tgt Ion:152 Resp: 6334
Ion Ratio Lower Upper
152 100
150 155.5 124.6 187.0
115 63.8 50.0 75.0



#2
1,4-Dioxane
Concen: 0.125 ng
RT: 3.076 min Scan# 27
Delta R.T. -0.006 min
Lab File: BN034084.D
Acq: 20 Sep 2024 13:16

Tgt Ion: 88 Resp: 987
Ion Ratio Lower Upper
88 100
43 186.7 25.8 38.8#
58 96.0 58.8 88.2#

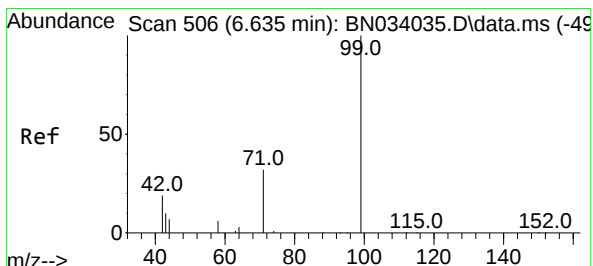
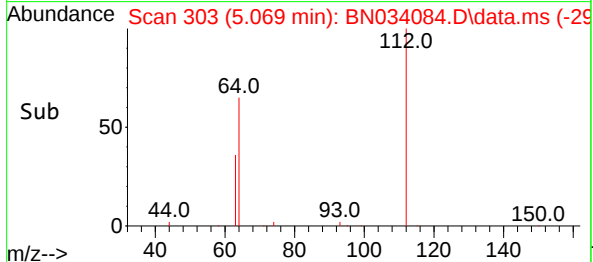
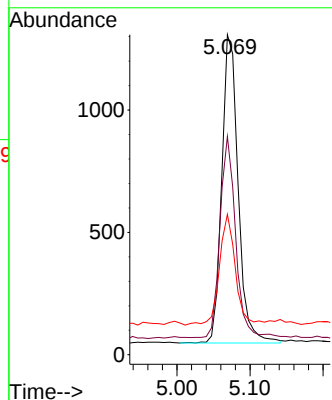
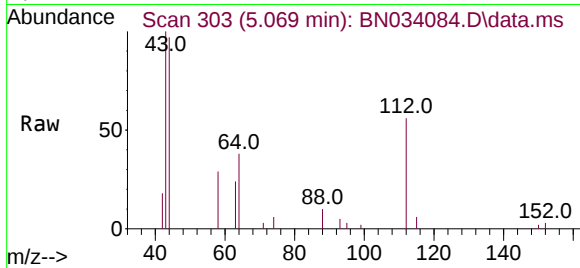




#4
2-Fluorophenol
Concen: 0.109 ng
RT: 5.069 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034084.D
Acq: 20 Sep 2024 13:16

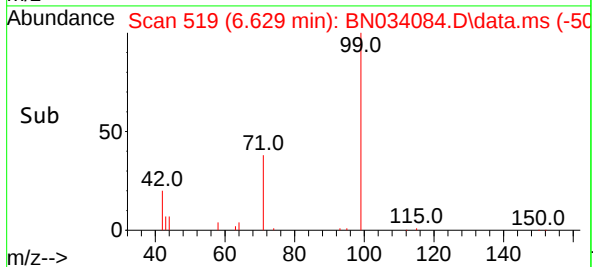
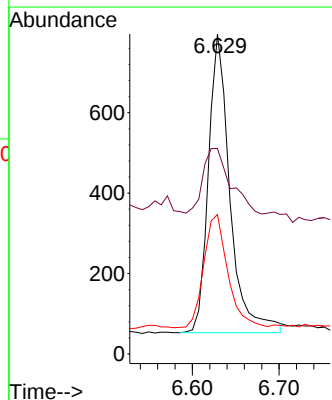
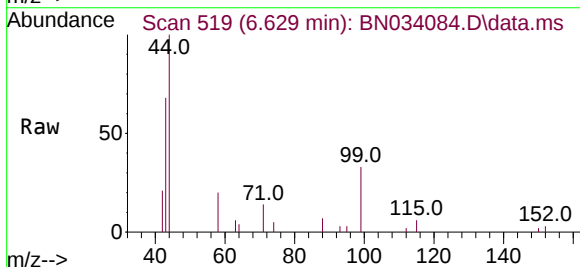
Instrument :
BNA_N
ClientSampleId :
MW201D1-20240910

Tgt Ion:112 Resp: 1958
Ion Ratio Lower Upper
112 100
64 62.3 48.6 72.8
63 35.2 25.6 38.4



#5
Phenol-d6
Concen: 0.061 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034084.D
Acq: 20 Sep 2024 13:16

Tgt Ion: 99 Resp: 1280
Ion Ratio Lower Upper
99 100
42 27.2 17.8 26.8#
71 42.4 26.2 39.2#

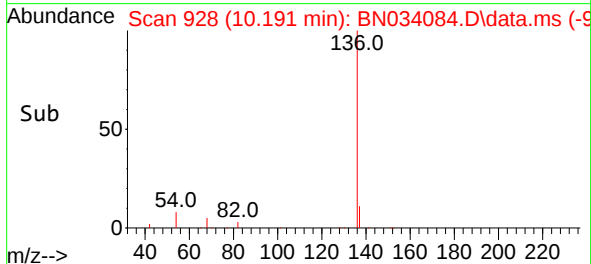
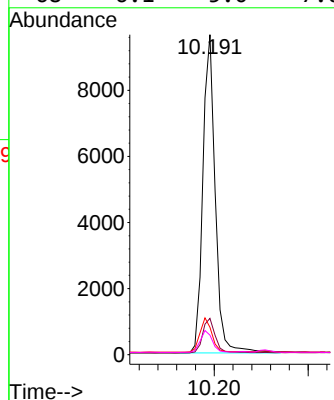
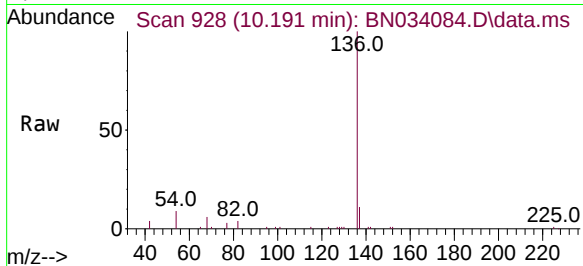




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 915
Delta R.T. -0.006 min
Lab File: BN034084.D
Acq: 20 Sep 2024 13:16

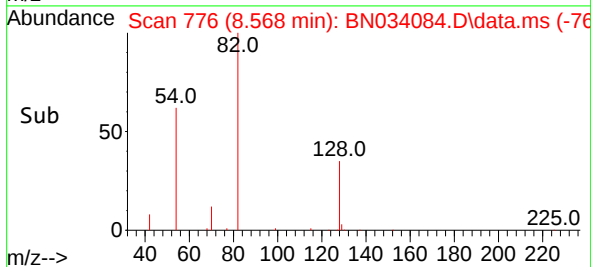
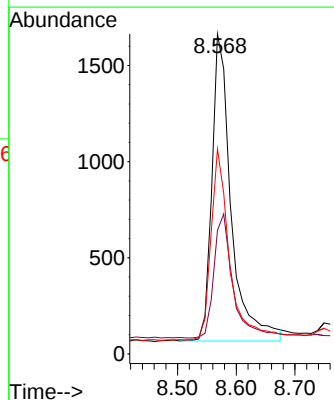
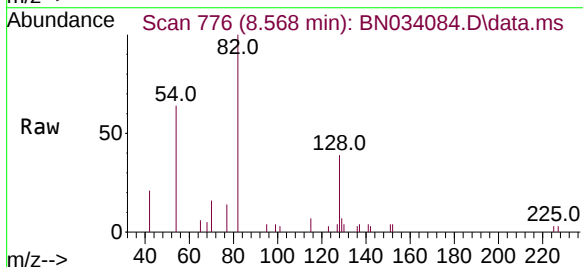
Instrument :
BNA_N
ClientSampleId :
MW201D1-20240910

Tgt Ion:	136	Resp:	17642
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	8.6	6.8	10.2
68	6.1	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.270 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034084.D
Acq: 20 Sep 2024 13:16

Tgt Ion:	82	Resp:	3642
Ion Ratio	Lower	Upper	
82	100		
128	38.6	31.4	47.2
54	64.1	47.4	71.0

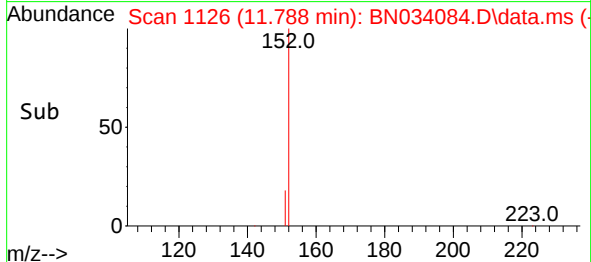
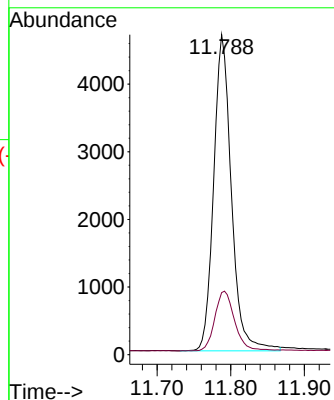
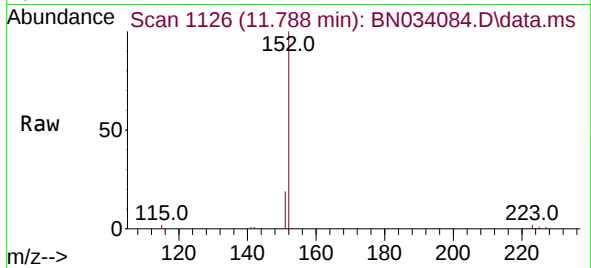




#11
2-Methylnaphthalene-d10
Concen: 0.300 ng
RT: 11.788 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BN034084.D
Acq: 20 Sep 2024 13:16

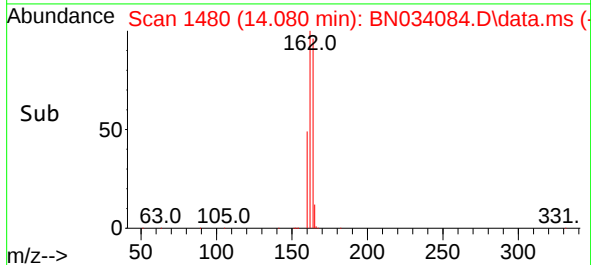
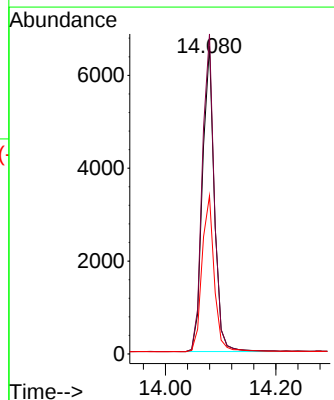
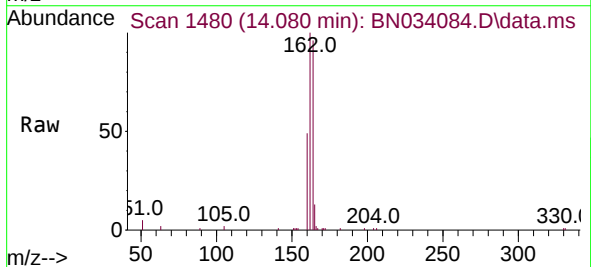
Instrument :
BNA_N
ClientSampleId :
MW201D1-20240910

Tgt Ion:152 Resp: 7821
Ion Ratio Lower Upper
152 100
151 21.1 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: BN034084.D
Acq: 20 Sep 2024 13:16

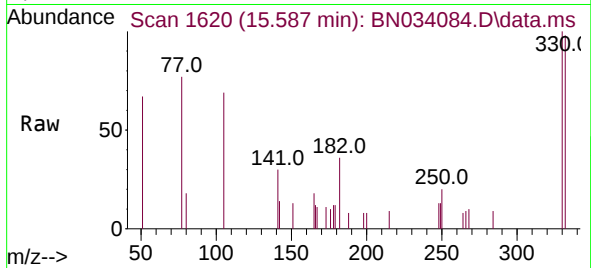
Tgt Ion:164 Resp: 9849
Ion Ratio Lower Upper
164 100
162 103.9 84.2 126.2
160 51.3 41.7 62.5



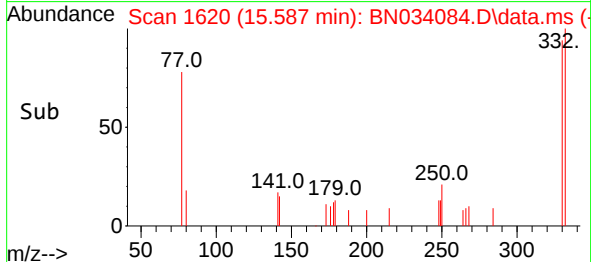
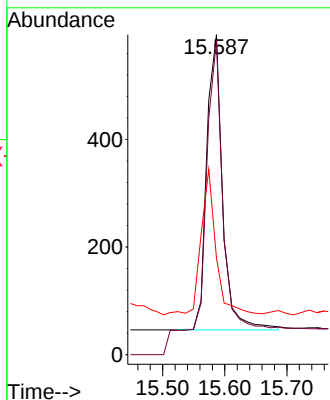


#14
2,4,6-Tribromophenol
Concen: 0.219 ng
RT: 15.587 min Scan# 1
Delta R.T. -0.002 min
Lab File: BN034084.D
Acq: 20 Sep 2024 13:16

Instrument :
BNA_N
ClientSampleId :
MW201D1-20240910

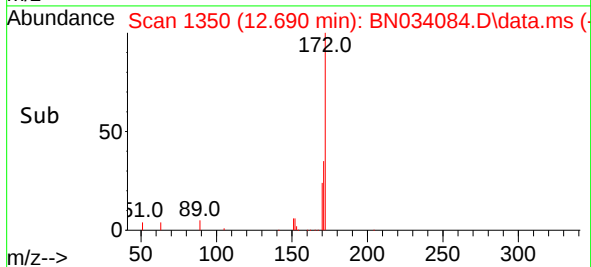
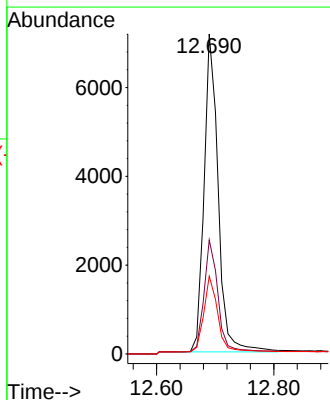
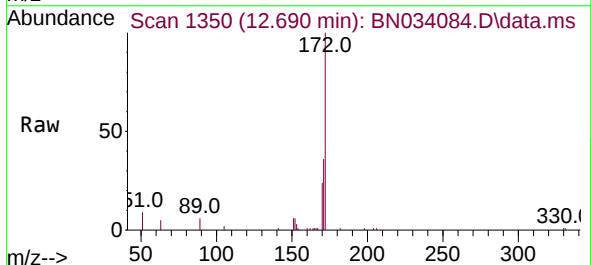


Tgt Ion:330 Resp: 975
Ion Ratio Lower Upper
330 100
332 95.4 77.4 116.0
141 44.5 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.299 ng
RT: 12.690 min Scan# 1350
Delta R.T. -0.013 min
Lab File: BN034084.D
Acq: 20 Sep 2024 13:16

Tgt Ion:172 Resp: 11992
Ion Ratio Lower Upper
172 100
171 35.6 27.3 40.9
170 24.3 18.1 27.1

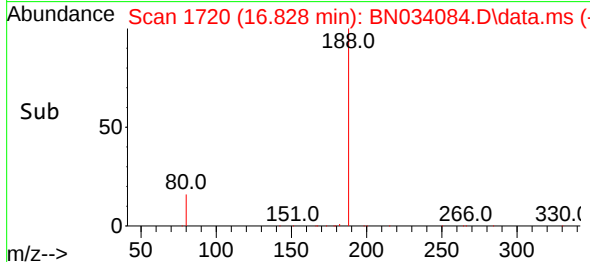
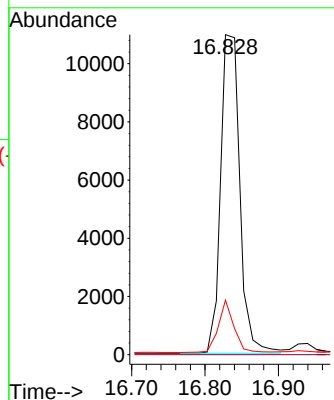
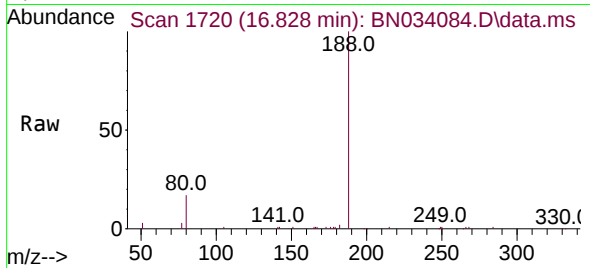




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.828 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN034084.D
Acq: 20 Sep 2024 13:16

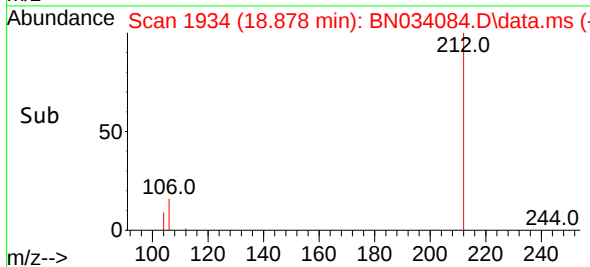
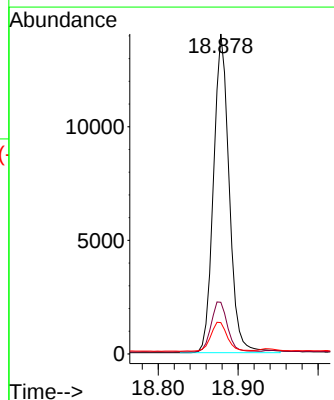
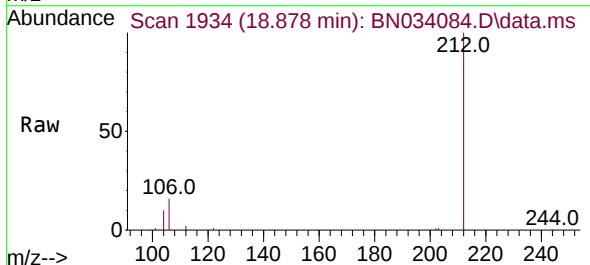
Instrument :
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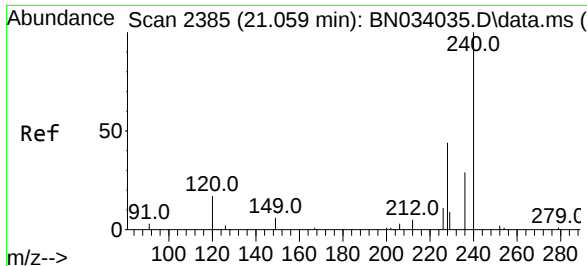
Tgt Ion:188 Resp: 19913
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.0 7.4 11.0#



#27
Fluoranthene-d10
Concen: 0.381 ng
RT: 18.878 min Scan# 1934
Delta R.T. -0.008 min
Lab File: BN034084.D
Acq: 20 Sep 2024 13:16

Tgt Ion:212 Resp: 19164
Ion Ratio Lower Upper
212 100
106 16.2 13.4 20.2
104 9.4 7.8 11.6

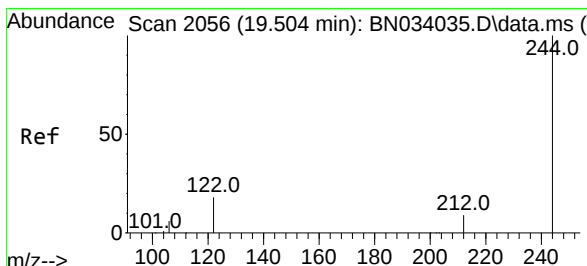
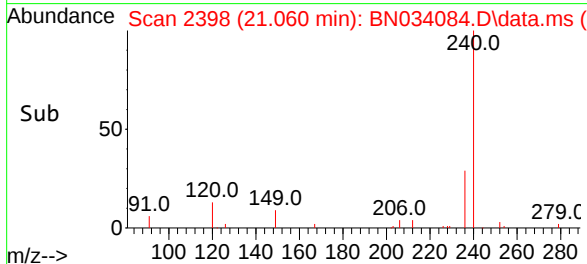
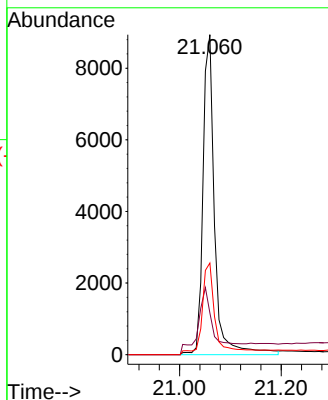
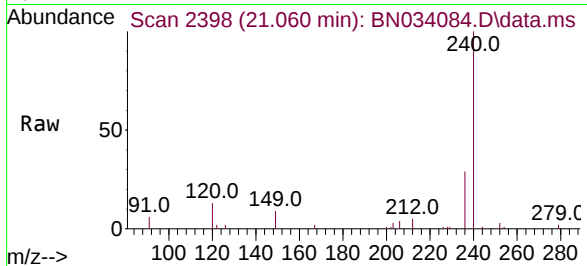




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.060 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN034084.D
Acq: 20 Sep 2024 13:16

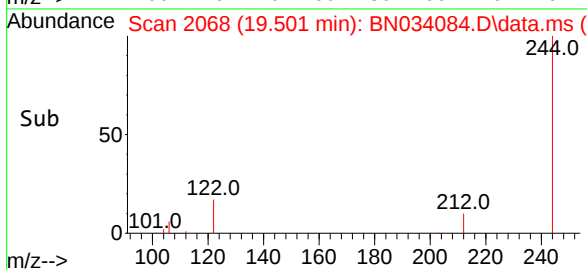
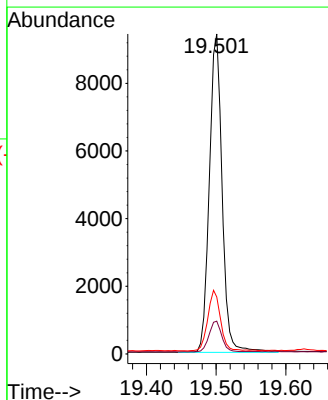
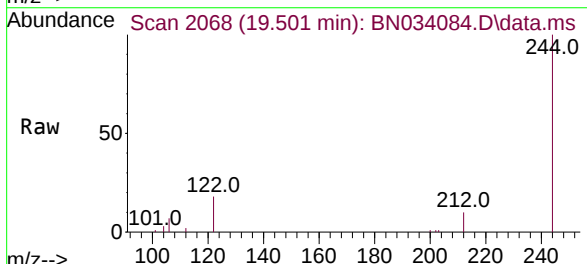
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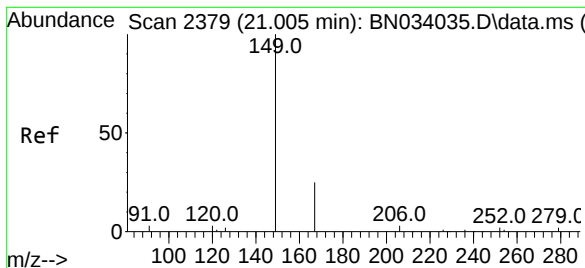
Tgt Ion:240 Resp: 13562
Ion Ratio Lower Upper
240 100
120 13.0 13.5 20.3#
236 28.7 23.4 35.0



#31
Terphenyl-d14
Concen: 0.443 ng
RT: 19.501 min Scan# 2068
Delta R.T. -0.004 min
Lab File: BN034084.D
Acq: 20 Sep 2024 13:16

Tgt Ion:244 Resp: 12005
Ion Ratio Lower Upper
244 100
212 10.2 7.8 11.6
122 17.8 14.8 22.2

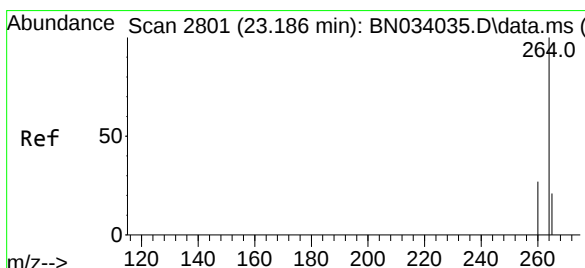
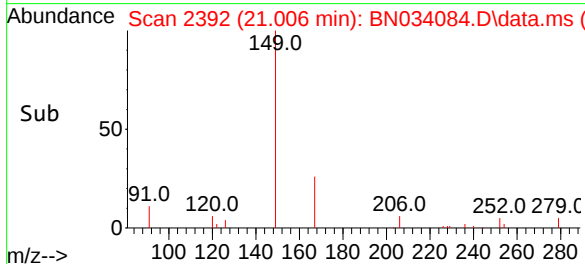
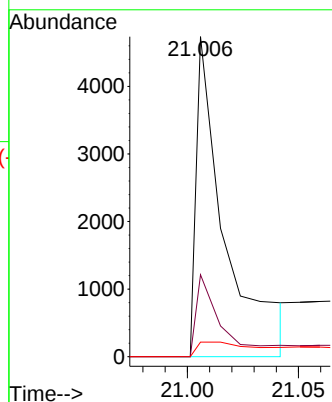
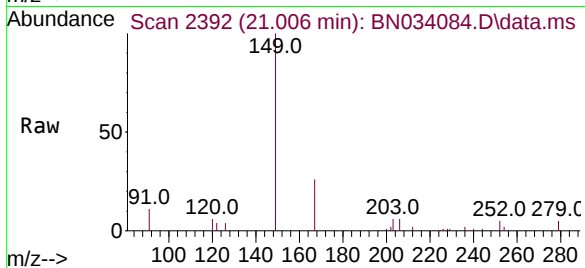




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.231 ng
RT: 21.006 min Scan# 2100
Delta R.T. 0.001 min
Lab File: BN034084.D
Acq: 20 Sep 2024 13:16

Instrument :
BNA_N
ClientSampleId :
MW201D1-20240910

Tgt Ion:149 Resp: 4127
Ion Ratio Lower Upper
149 100
167 21.1 19.9 29.9
279 7.6 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: BN034084.D
Acq: 20 Sep 2024 13:16

Tgt Ion:264 Resp: 12102
Ion Ratio Lower Upper
264 100
260 26.9 21.7 32.5
265 72.0 52.1 78.1

