

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092024\
 Data File : BN034076.D
 Acq On : 20 Sep 2024 08:23
 Operator : JU/RC
 Sample : P3957-13
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20240910

Quant Time: Sep 20 08:51:49 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)

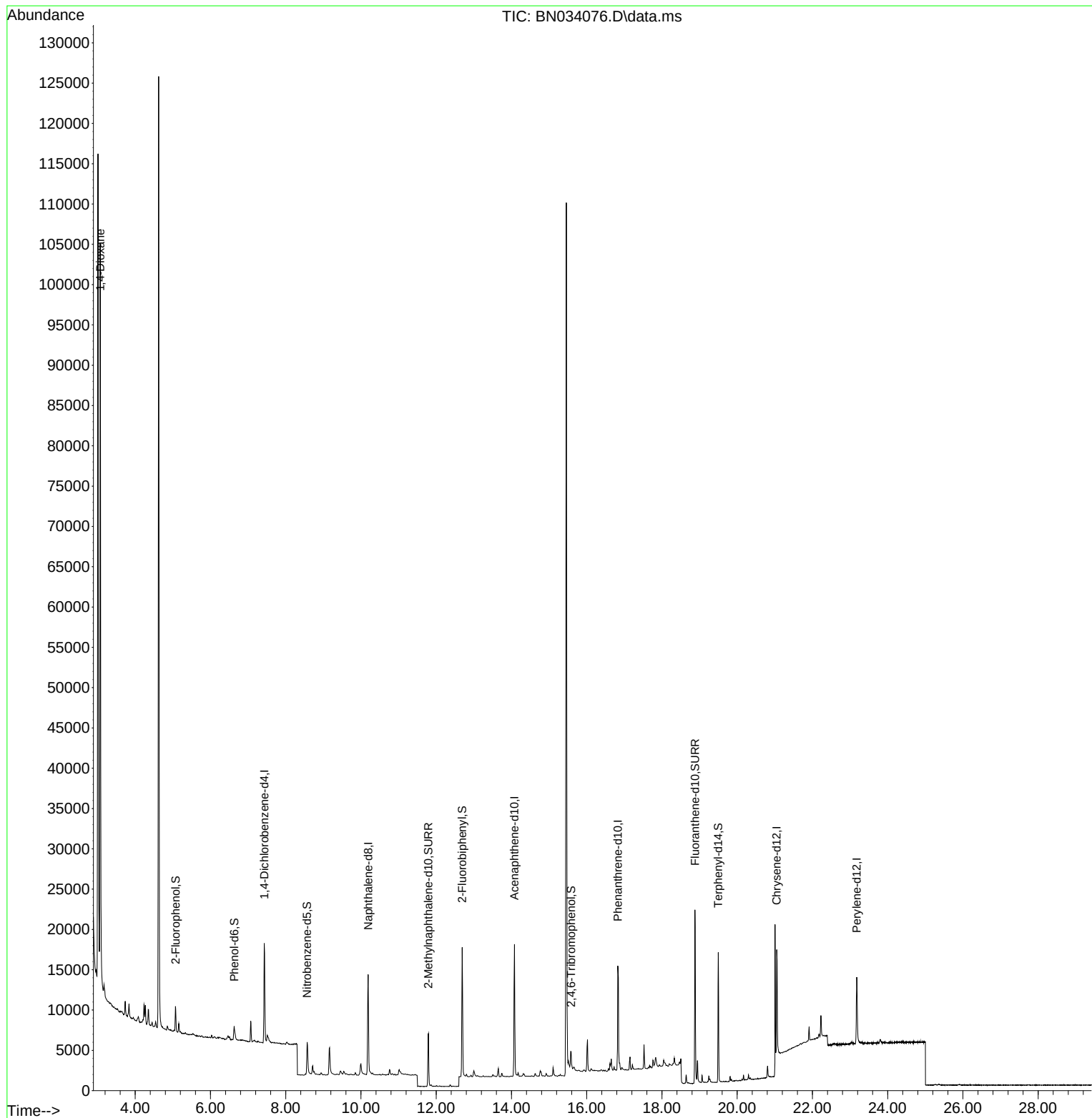
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	5733	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	16521	0.400	ng	0.00
13) Acenaphthene-d10	14.079	164	8976	0.400	ng	0.00
19) Phenanthrene-d10	16.828	188	19353	0.400	ng	#-0.01
29) Chrysene-d12	21.051	240	13143	0.400	ng	# 0.00
35) Perylene-d12	23.178	264	11043	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.076	112	2397	0.147	ng	0.00
5) Phenol-d6	6.629	99	1549	0.082	ng	0.00
8) Nitrobenzene-d5	8.568	82	4065	0.322	ng	0.00
11) 2-Methylnaphthalene-d10	11.791	152	9036	0.370	ng	0.00
14) 2,4,6-Tribromophenol	15.587	330	1355	0.333	ng	0.00
15) 2-Fluorobiphenyl	12.690	172	13897	0.381	ng	-0.01
27) Fluoranthene-d10	18.878	212	22977	0.471	ng	0.00
31) Terphenyl-d14	19.496	244	14573	0.555	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.068	88	47387	6.611	ng	Qvalue 90

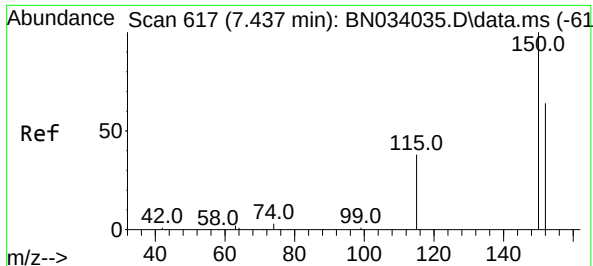
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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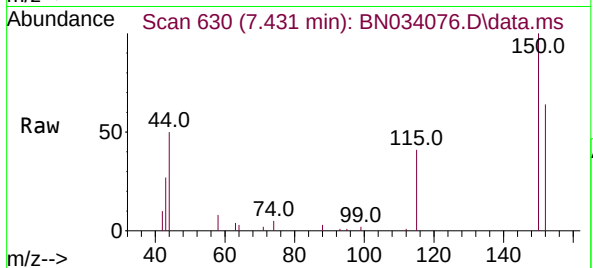
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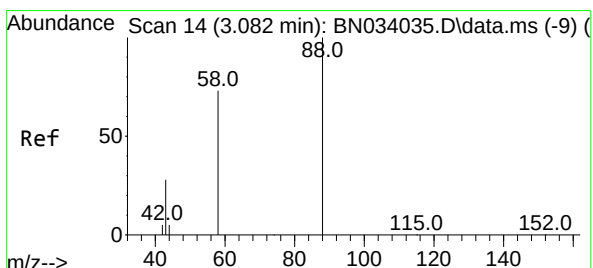
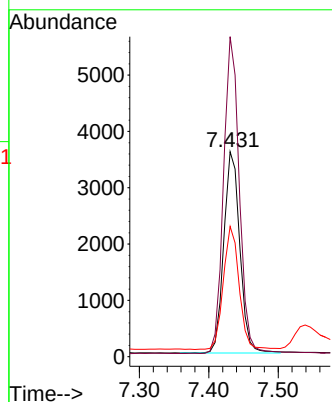
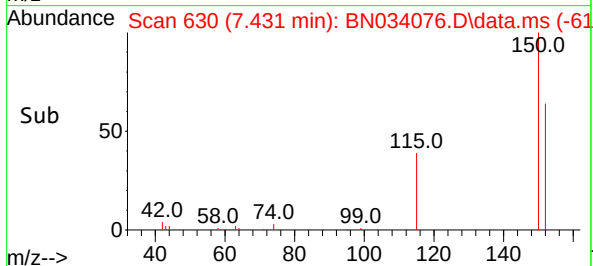


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.431 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN034076.D
Acq: 20 Sep 2024 08:23

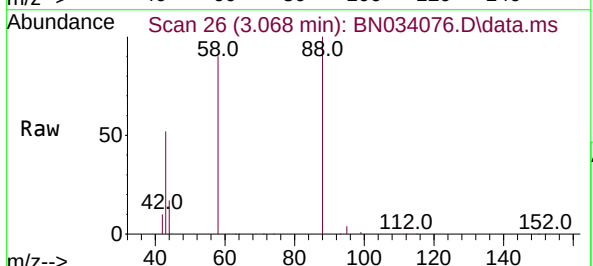
Instrument :
BNA_N
ClientSampleId :
MW201D-20240910



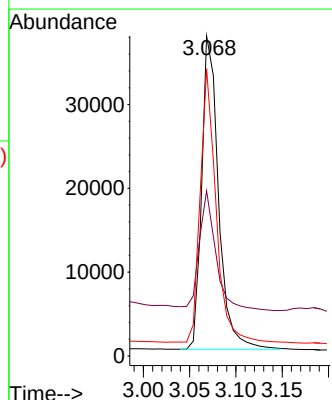
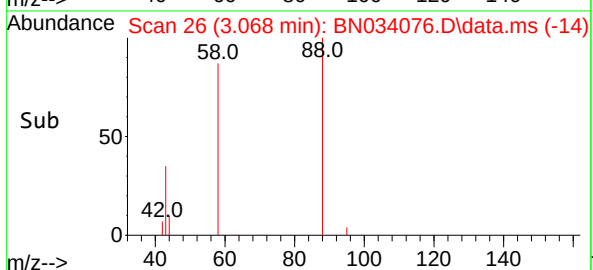
Tgt Ion:152 Resp: 5733
Ion Ratio Lower Upper
152 100
150 156.1 124.6 187.0
115 63.5 50.0 75.0

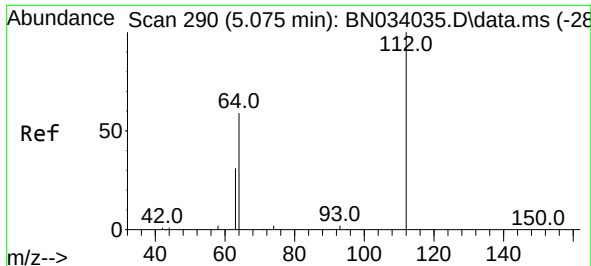


#2
1,4-Dioxane
Concen: 6.611 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034076.D
Acq: 20 Sep 2024 08:23



Tgt Ion: 88 Resp: 47387
Ion Ratio Lower Upper
88 100
43 38.0 25.8 38.8
58 81.4 58.8 88.2

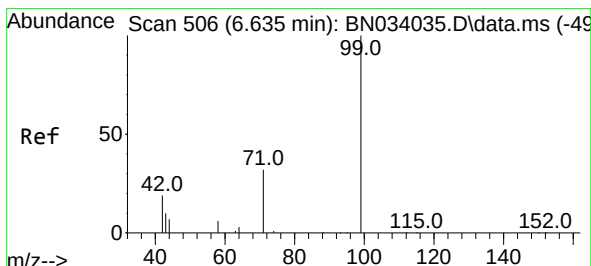
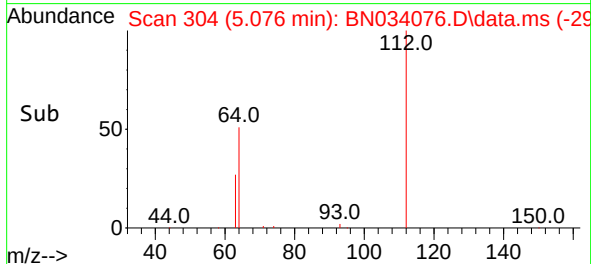
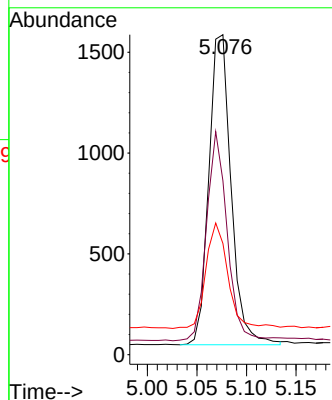
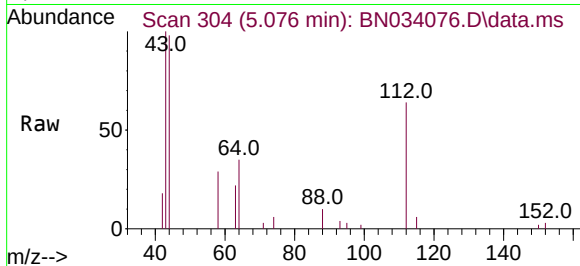




#4
2-Fluorophenol
Concen: 0.147 ng
RT: 5.076 min Scan# 304
Delta R.T. 0.001 min
Lab File: BN034076.D
Acq: 20 Sep 2024 08:23

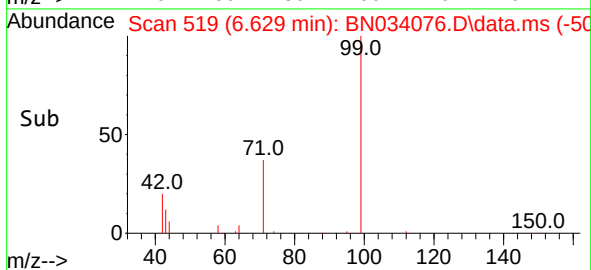
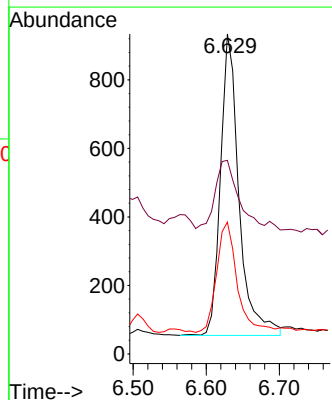
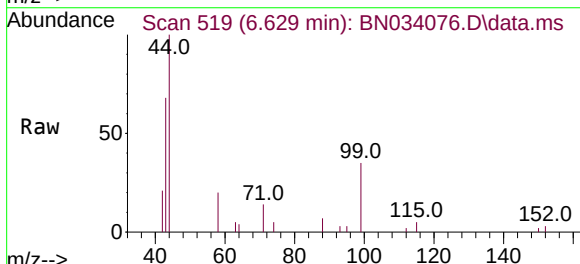
Instrument :
BNA_N
ClientSampleId :
MW201D-20240910

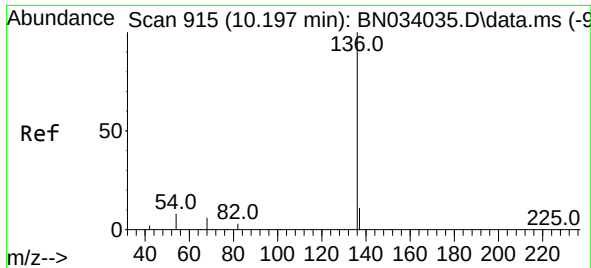
Tgt Ion:112 Resp: 2397
Ion Ratio Lower Upper
112 100
64 62.5 48.6 72.8
63 33.6 25.6 38.4



#5
Phenol-d6
Concen: 0.082 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034076.D
Acq: 20 Sep 2024 08:23

Tgt Ion: 99 Resp: 1549
Ion Ratio Lower Upper
99 100
42 30.2 17.8 26.8#
71 40.5 26.2 39.2#

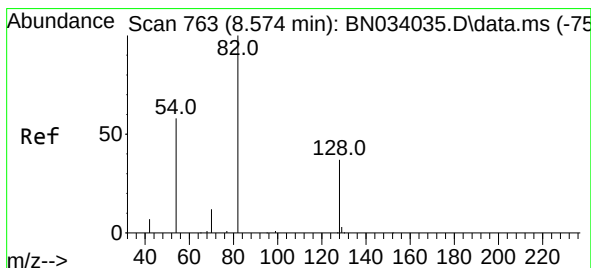
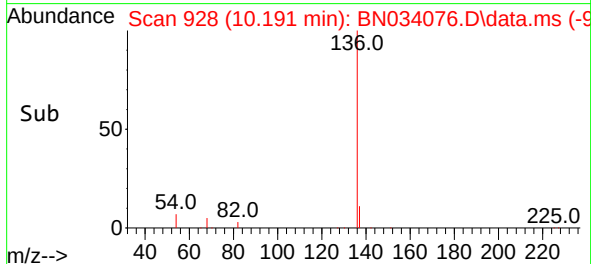
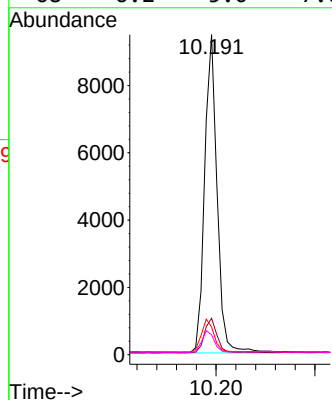
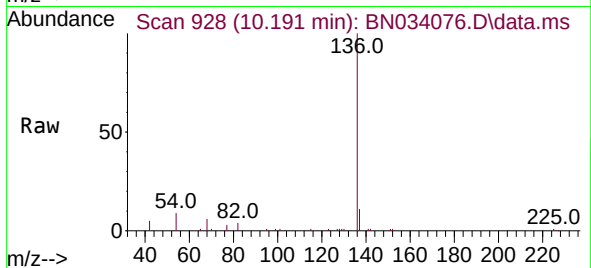




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 915
Delta R.T. -0.006 min
Lab File: BN034076.D
Acq: 20 Sep 2024 08:23

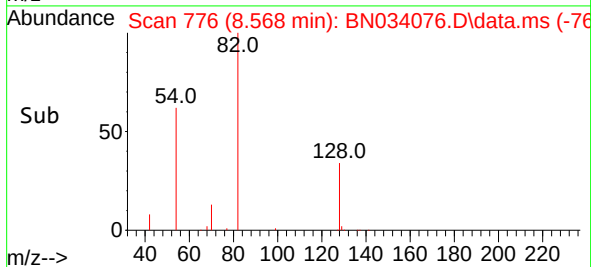
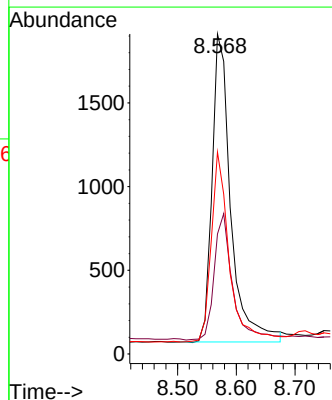
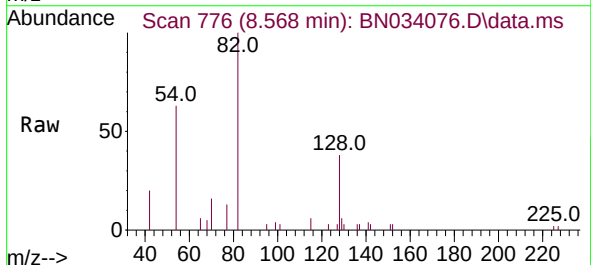
Instrument :
BNA_N
ClientSampleId :
MW201D-20240910

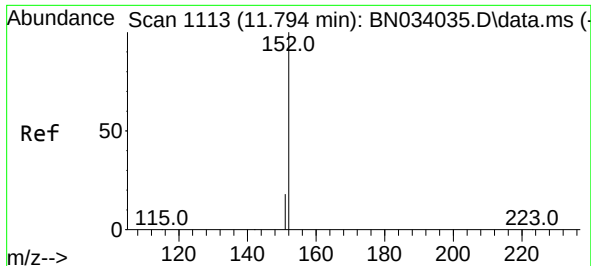
Tgt Ion:	136	Resp:	16521
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.6
54	8.6	6.8	10.2
68	6.2	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.322 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034076.D
Acq: 20 Sep 2024 08:23

Tgt Ion:	82	Resp:	4065
Ion Ratio	Lower	Upper	
82	100		
128	37.5	31.4	47.2
54	63.1	47.4	71.0

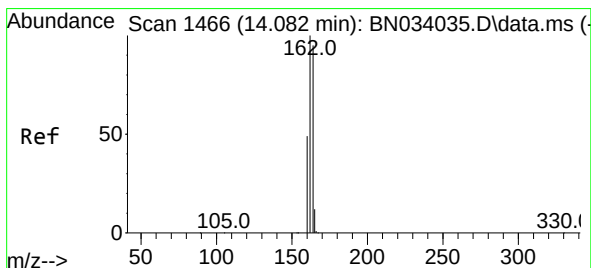
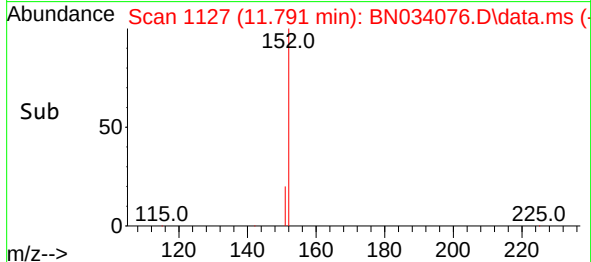
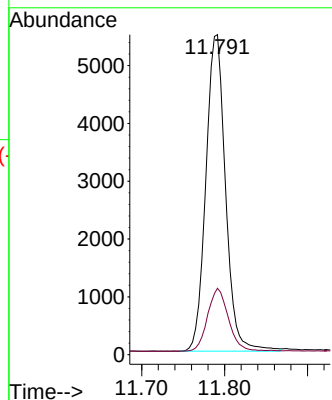
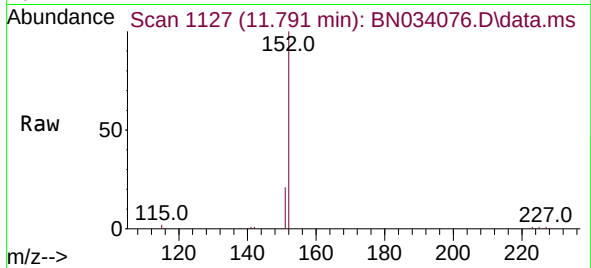




#11
2-Methylnaphthalene-d10
Concen: 0.370 ng
RT: 11.791 min Scan# 1113
Delta R.T. -0.002 min
Lab File: BN034076.D
Acq: 20 Sep 2024 08:23

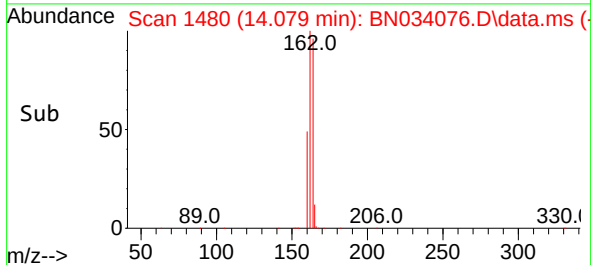
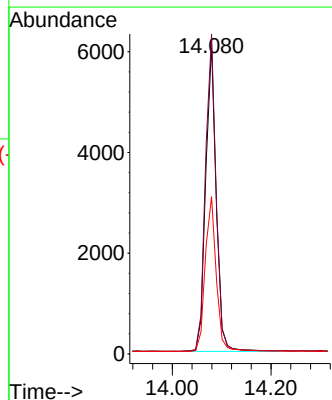
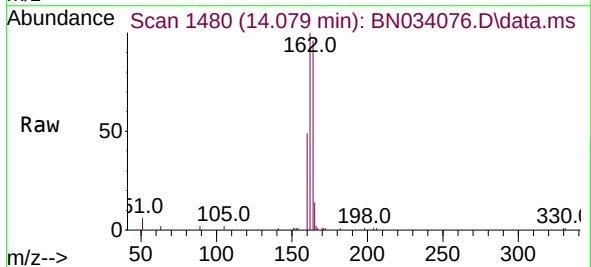
Instrument :
BNA_N
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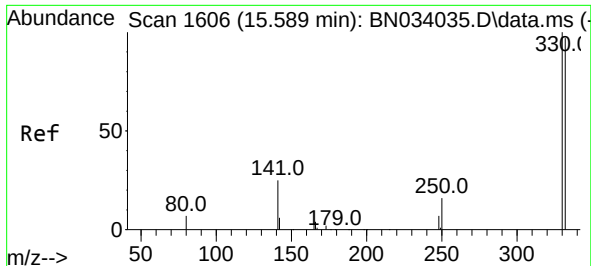
Tgt Ion:152 Resp: 9036
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.079 min Scan# 1480
Delta R.T. -0.002 min
Lab File: BN034076.D
Acq: 20 Sep 2024 08:23

Tgt Ion:164 Resp: 8976
Ion Ratio Lower Upper
164 100
162 103.7 84.2 126.2
160 51.0 41.7 62.5

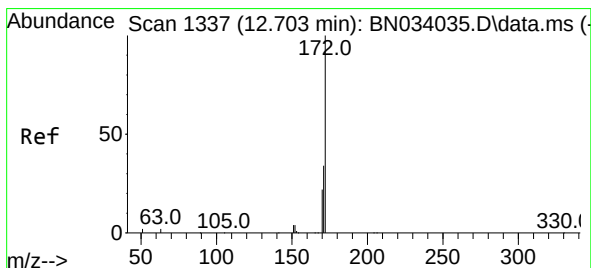
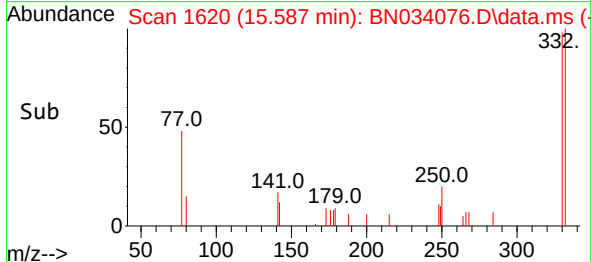
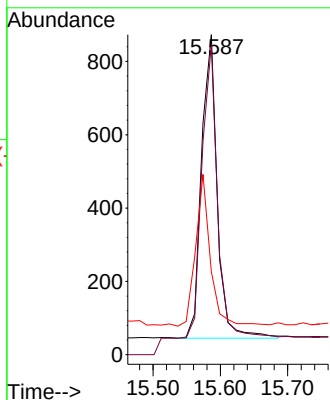
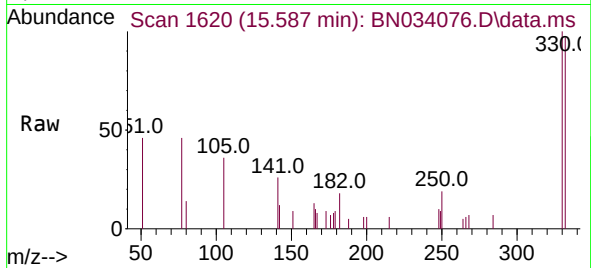




#14
2,4,6-Tribromophenol
Concen: 0.333 ng
RT: 15.587 min Scan# 1
Delta R.T. -0.002 min
Lab File: BN034076.D
Acq: 20 Sep 2024 08:23

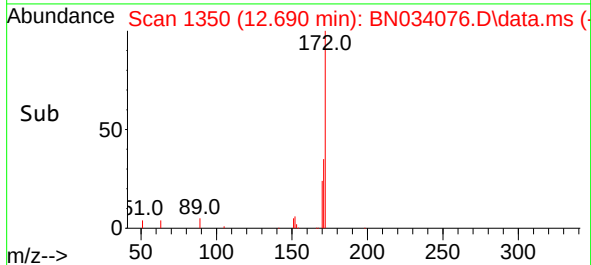
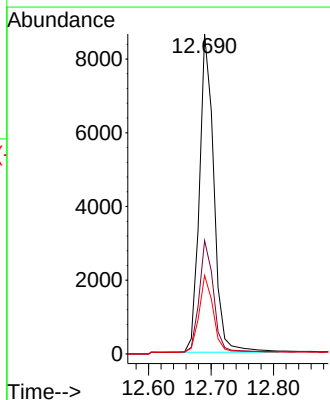
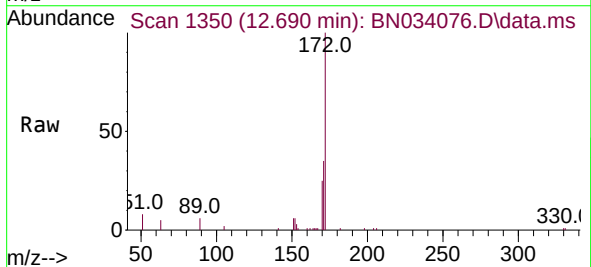
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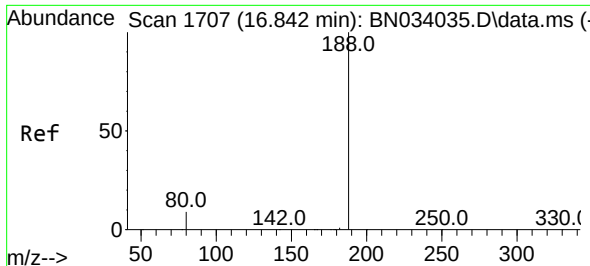
Tgt Ion:330 Resp: 1355
Ion Ratio Lower Upper
330 100
332 94.9 77.4 116.0
141 44.7 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.381 ng
RT: 12.690 min Scan# 1350
Delta R.T. -0.013 min
Lab File: BN034076.D
Acq: 20 Sep 2024 08:23

Tgt Ion:172 Resp: 13897
Ion Ratio Lower Upper
172 100
171 35.4 27.3 40.9
170 24.6 18.1 27.1

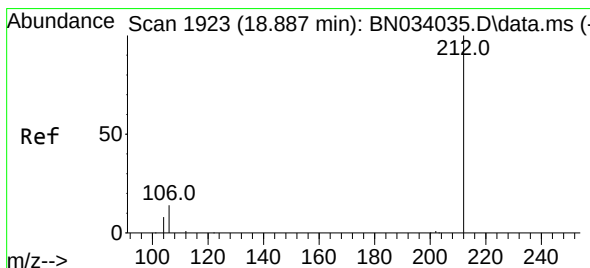
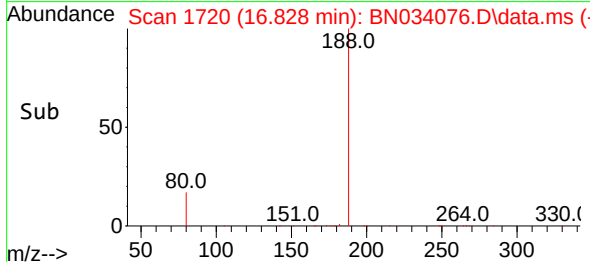
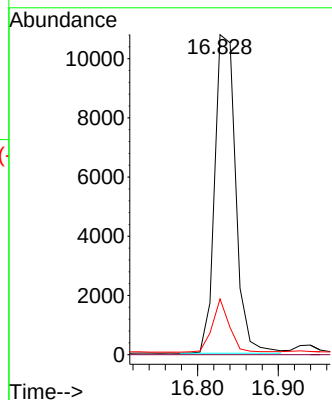
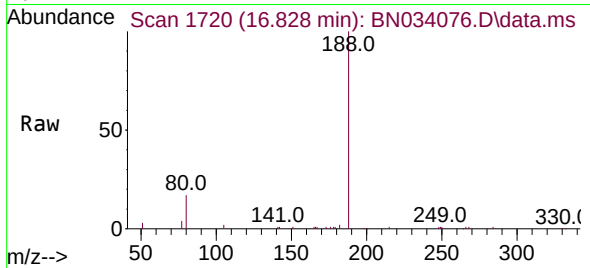




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.828 min Scan# 11
Delta R.T. -0.015 min
Lab File: BN034076.D
Acq: 20 Sep 2024 08:23

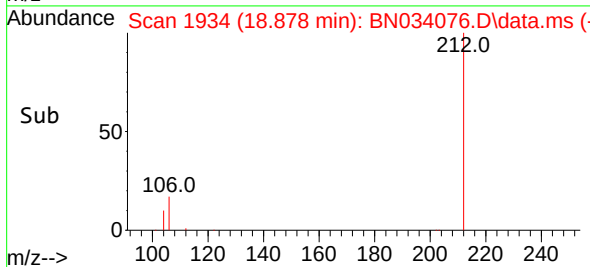
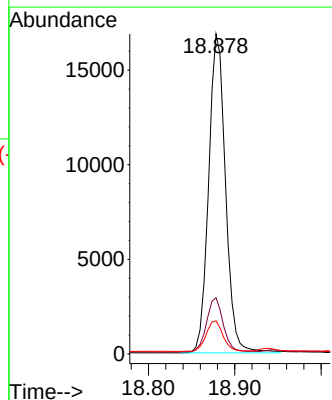
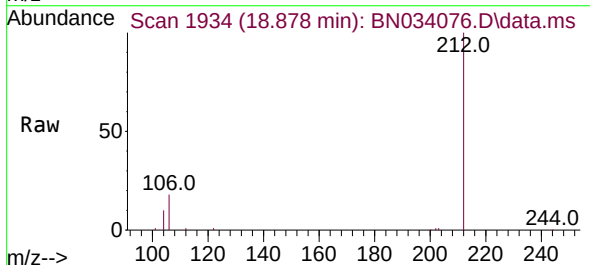
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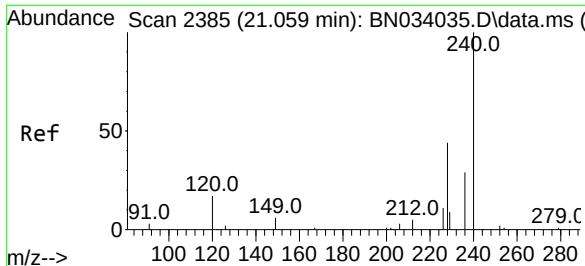
Tgt Ion:188 Resp: 19353
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.4 7.4 11.0#



#27
Fluoranthene-d10
Concen: 0.471 ng
RT: 18.878 min Scan# 1934
Delta R.T. -0.008 min
Lab File: BN034076.D
Acq: 20 Sep 2024 08:23

Tgt Ion:212 Resp: 22977
Ion Ratio Lower Upper
212 100
106 16.6 13.4 20.2
104 9.6 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: BN034076.D

Acq: 20 Sep 2024 08:23

Instrument :

BNA_N

ClientSampleId :

MW201D-20240910

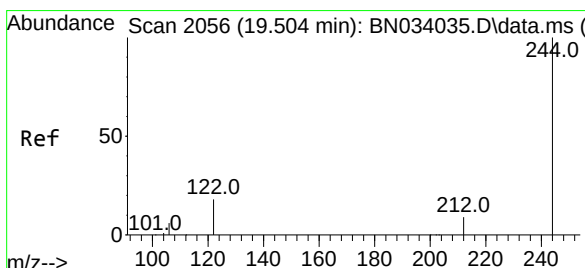
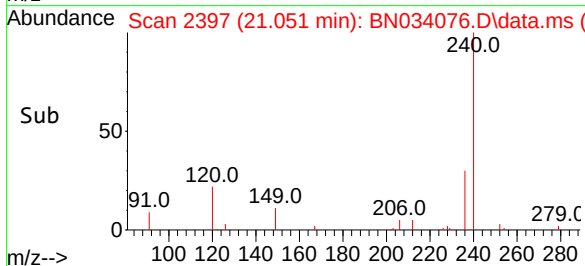
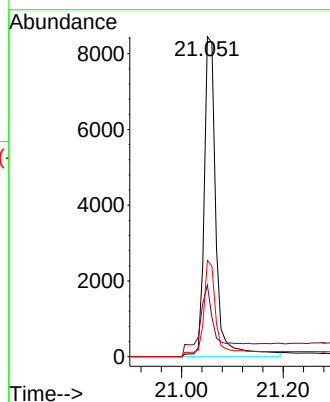
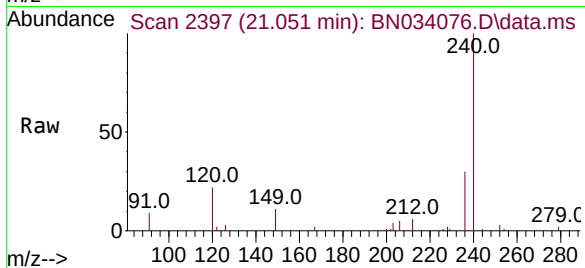
Tgt Ion:240 Resp: 13143

Ion Ratio Lower Upper

240 100

120 22.4 13.5 20.3#

236 30.1 23.4 35.0



#31

Terphenyl-d14

Concen: 0.555 ng

RT: 19.496 min Scan# 2067

Delta R.T. -0.008 min

Lab File: BN034076.D

Acq: 20 Sep 2024 08:23

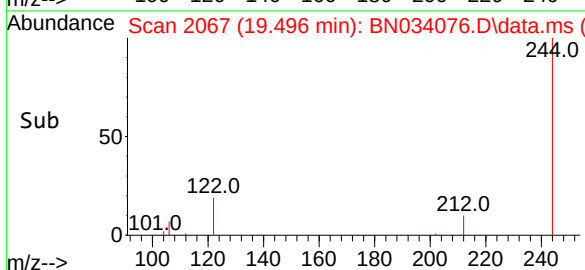
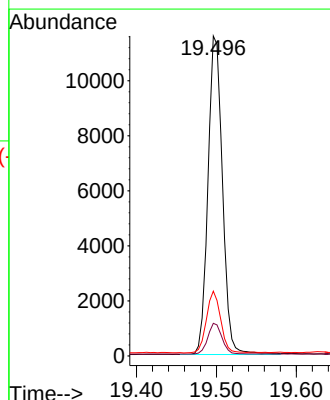
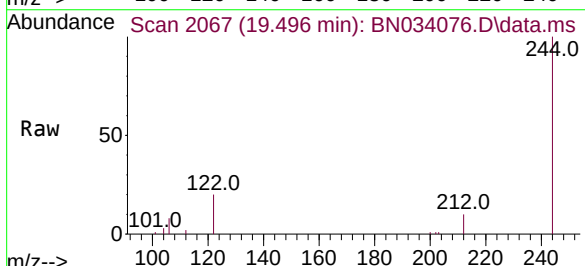
Tgt Ion:244 Resp: 14573

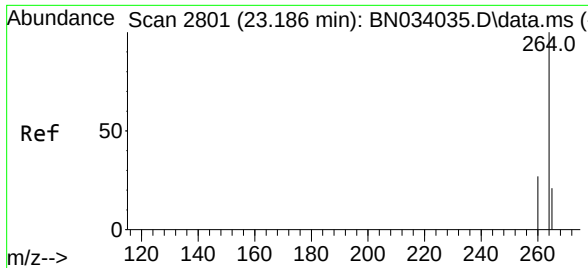
Ion Ratio Lower Upper

244 100

212 10.2 7.8 11.6

122 20.2 14.8 22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.178 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BN034076.D
 Acq: 20 Sep 2024 08:23

Instrument :
 BNA_N
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 MW201D-20240910

Tgt Ion:	264	Resp:	11043
Ion Ratio	Lower	Upper	
264	100		
260	27.7	21.7	32.5
265	82.3	52.1	78.1#

