

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092624\
 Data File : BN034268.D
 Acq On : 27 Sep 2024 07:21
 Operator : RC/JU
 Sample : P4164-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01S-20240919

Quant Time: Sep 27 07:49:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

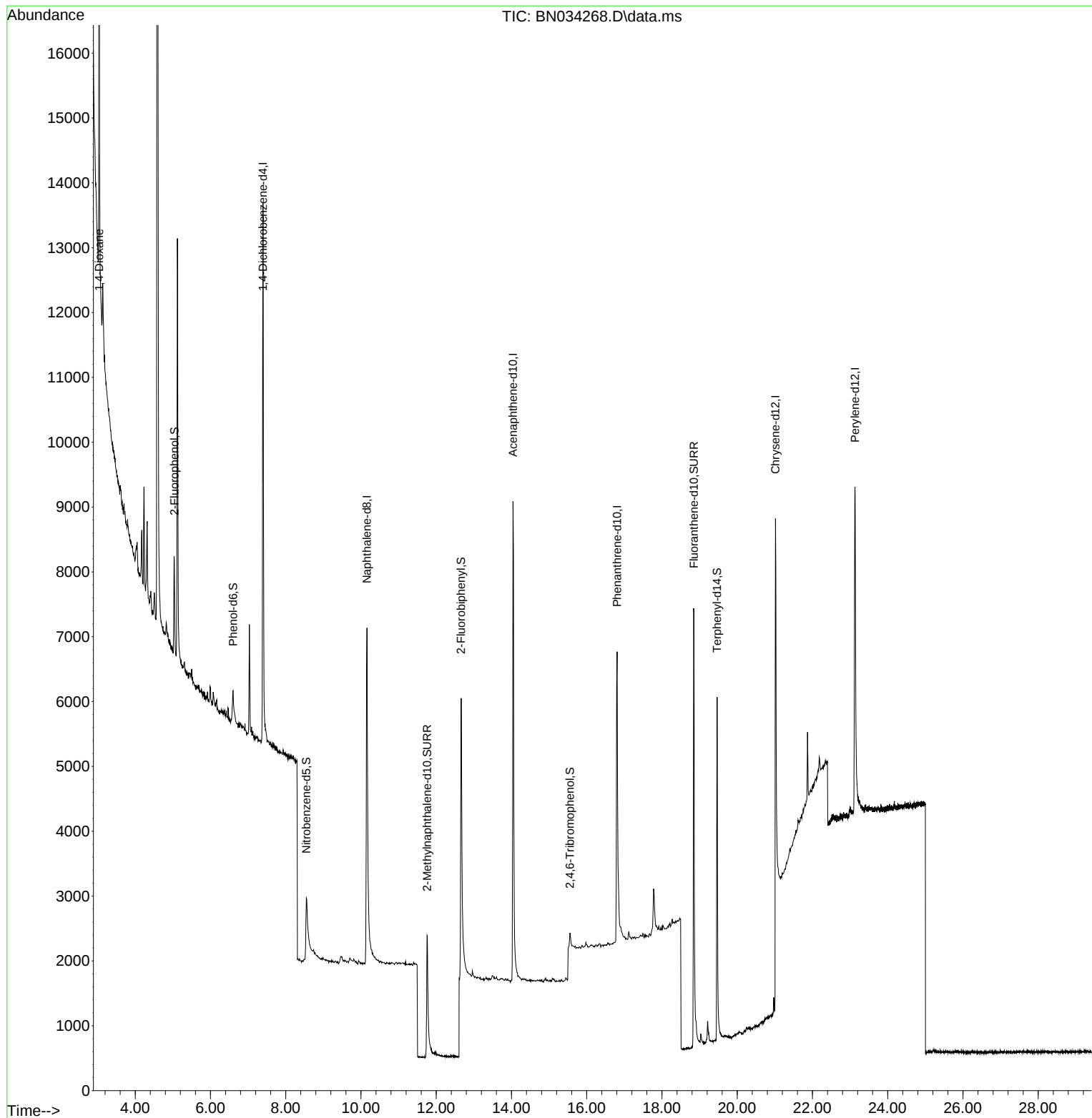
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.394	152	4325	0.400	ng	0.00
7) Naphthalene-d8	10.159	136	10694	0.400	ng	# 0.01
13) Acenaphthene-d10	14.040	164	5523	0.400	ng	0.00
19) Phenanthrene-d10	16.808	188	9868	0.400	ng	# 0.00
29) Chrysene-d12	21.017	240	7875	0.400	ng	# 0.00
35) Perylene-d12	23.130	264	8173	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.040	112	1185	0.097	ng	0.00
5) Phenol-d6	6.600	99	620	0.043	ng	0.00
8) Nitrobenzene-d5	8.547	82	1884	0.230	ng	0.01
11) 2-Methylnaphthalene-d10	11.757	152	4194	0.266	ng	0.00
14) 2,4,6-Tribromophenol	15.555	330	228	0.091	ng	0.00
15) 2-Fluorobiphenyl	12.661	172	5954	0.265	ng	0.00
27) Fluoranthene-d10	18.848	212	9259	0.372	ng	0.00
31) Terphenyl-d14	19.466	244	6155	0.391	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.039	88	4012	0.742	ng	# 68

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

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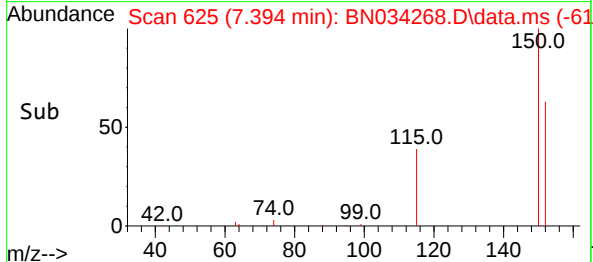
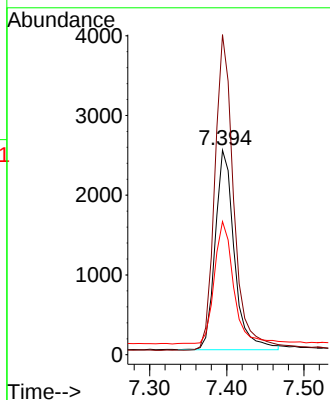
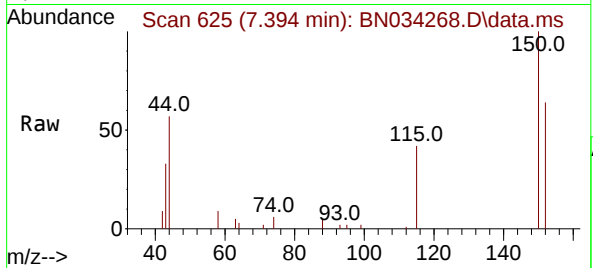




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.394 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN034268.D
Acq: 27 Sep 2024 07:21

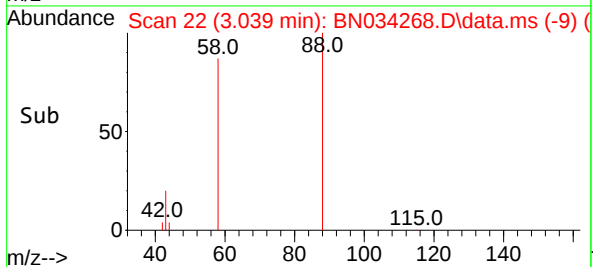
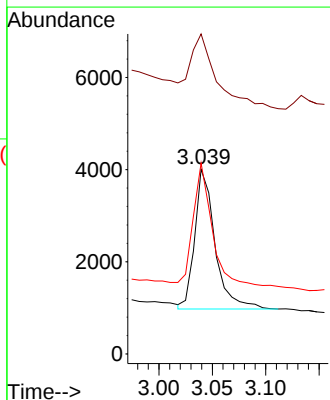
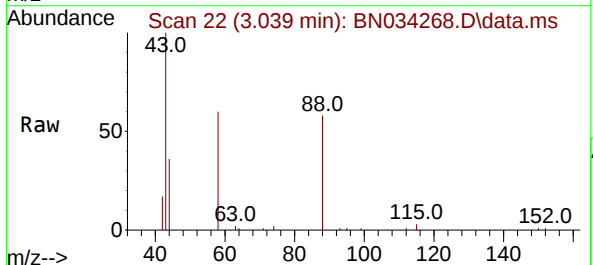
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20240919

Tgt Ion:152 Resp: 4325
Ion Ratio Lower Upper
152 100
150 156.5 124.6 187.0
115 65.1 50.0 75.0



#2
1,4-Dioxane
Concen: 0.742 ng
RT: 3.039 min Scan# 22
Delta R.T. -0.007 min
Lab File: BN034268.D
Acq: 27 Sep 2024 07:21

Tgt Ion: 88 Resp: 4012
Ion Ratio Lower Upper
88 100
43 72.8 25.8 38.8#
58 85.2 58.8 88.2

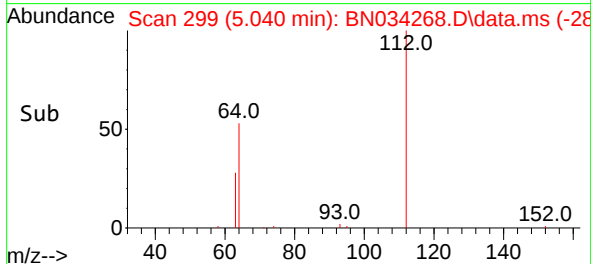
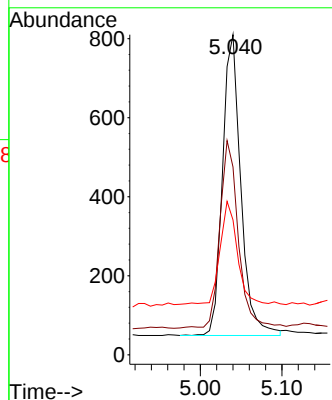
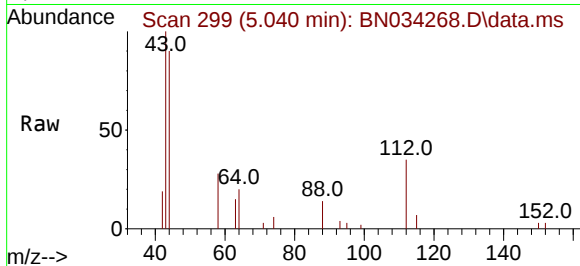




#4
2-Fluorophenol
Concen: 0.097 ng
RT: 5.040 min Scan# 290
Delta R.T. 0.007 min
Lab File: BN034268.D
Acq: 27 Sep 2024 07:21

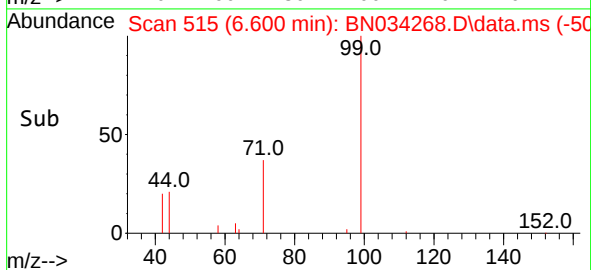
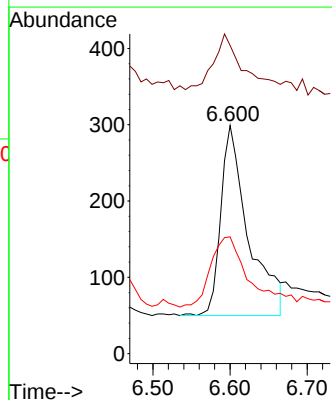
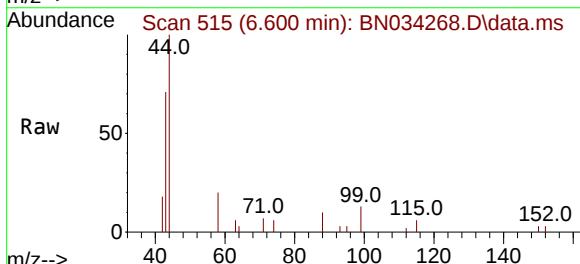
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20240919

Tgt Ion:112 Resp: 1185
Ion Ratio Lower Upper
112 100
64 63.3 48.6 72.8
63 32.7 25.6 38.4



#5
Phenol-d6
Concen: 0.043 ng
RT: 6.600 min Scan# 515
Delta R.T. 0.000 min
Lab File: BN034268.D
Acq: 27 Sep 2024 07:21

Tgt Ion: 99 Resp: 620
Ion Ratio Lower Upper
99 100
42 30.2 17.8 26.8#
71 50.2 26.2 39.2#

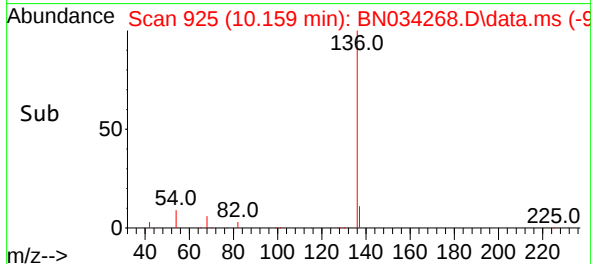
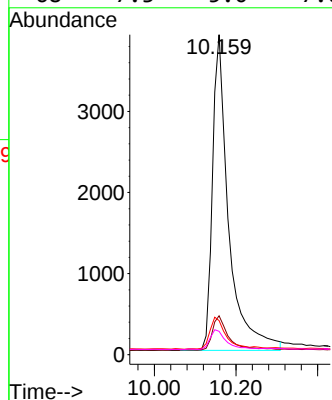
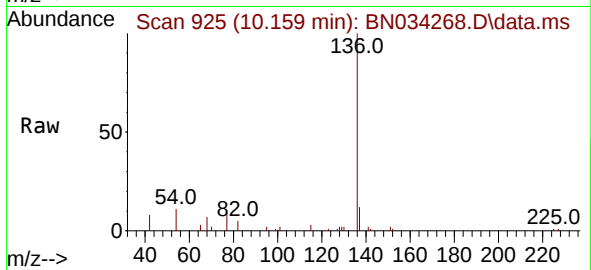




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.159 min Scan# 915
Delta R.T. 0.011 min
Lab File: BN034268.D
Acq: 27 Sep 2024 07:21

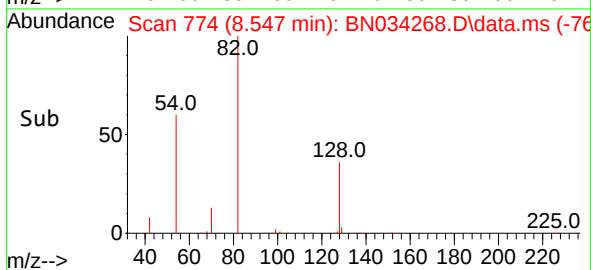
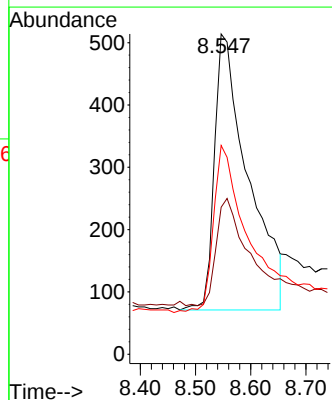
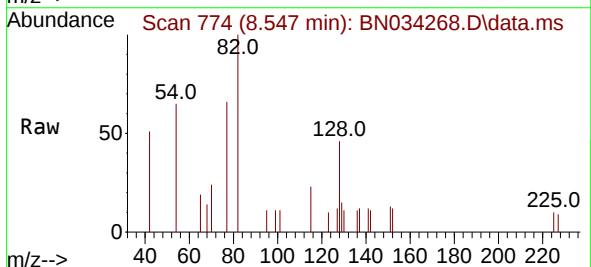
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20240919

Tgt Ion:	136	Resp:	10694
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.0	13.6
54	10.7	6.8	10.2
68	7.3	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.230 ng
RT: 8.547 min Scan# 774
Delta R.T. 0.011 min
Lab File: BN034268.D
Acq: 27 Sep 2024 07:21

Tgt Ion:	82	Resp:	1884
Ion	Ratio	Lower	Upper
82	100		
128	45.9	31.4	47.2
54	65.2	47.4	71.0

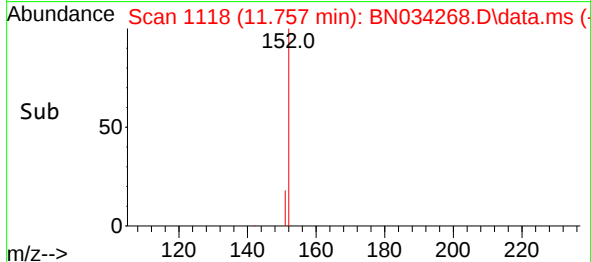
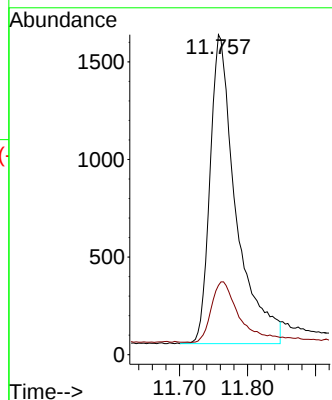
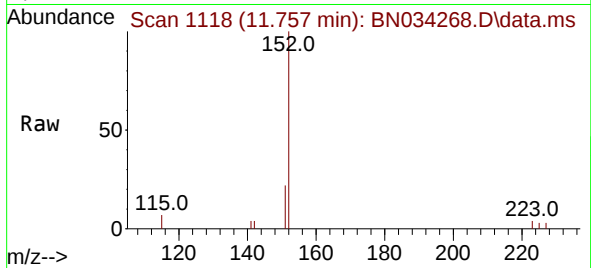




#11
2-Methylnaphthalene-d10
Concen: 0.266 ng
RT: 11.757 min Scan# 1118
Delta R.T. 0.004 min
Lab File: BN034268.D
Acq: 27 Sep 2024 07:21

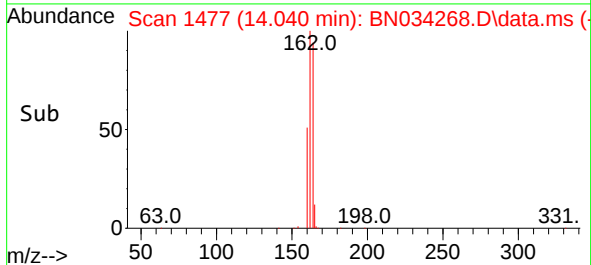
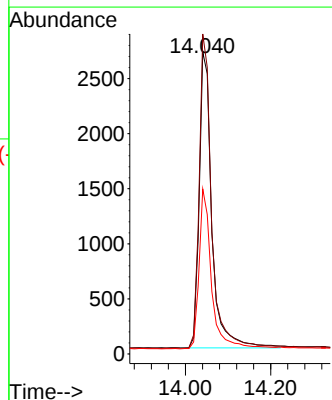
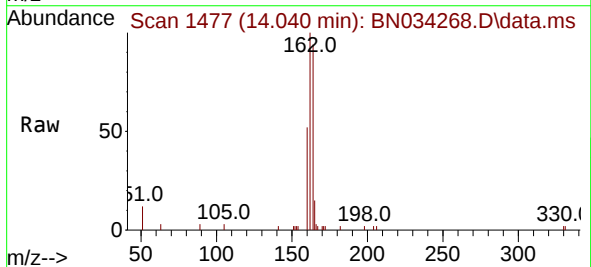
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20240919

Tgt Ion:152 Resp: 4194
Ion Ratio Lower Upper
152 100
151 21.2 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.040 min Scan# 1477
Delta R.T. -0.007 min
Lab File: BN034268.D
Acq: 27 Sep 2024 07:21

Tgt Ion:164 Resp: 5523
Ion Ratio Lower Upper
164 100
162 106.0 84.2 126.2
160 54.6 41.7 62.5

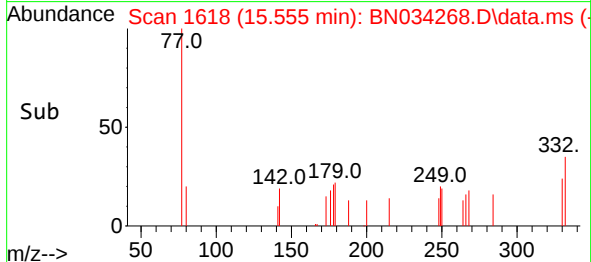
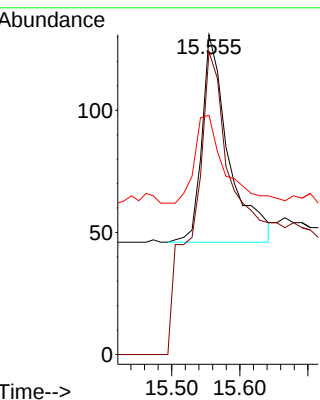
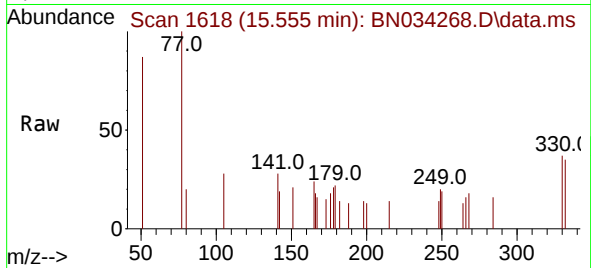




#14
2,4,6-Tribromophenol
Concen: 0.091 ng
RT: 15.555 min Scan# 1
Delta R.T. 0.006 min
Lab File: BN034268.D
Acq: 27 Sep 2024 07:21

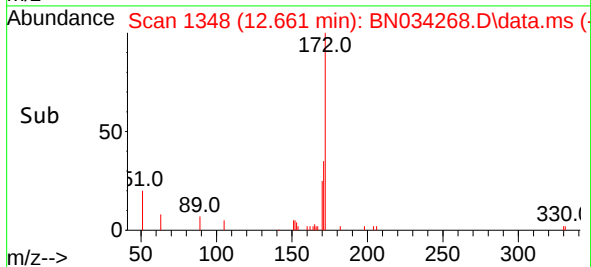
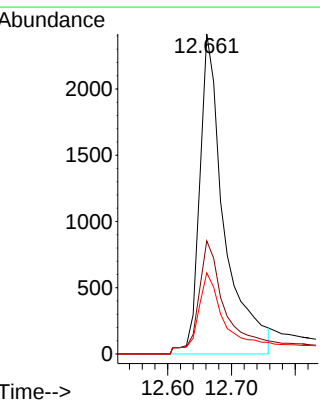
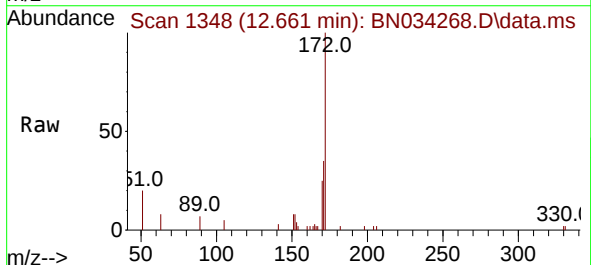
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20240919

Tgt Ion:330 Resp: 228
Ion Ratio Lower Upper
330 100
332 262.7 77.4 116.0#
141 46.5 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.265 ng
RT: 12.661 min Scan# 1348
Delta R.T. 0.004 min
Lab File: BN034268.D
Acq: 27 Sep 2024 07:21

Tgt Ion:172 Resp: 5954
Ion Ratio Lower Upper
172 100
171 35.4 27.3 40.9
170 25.3 18.1 27.1

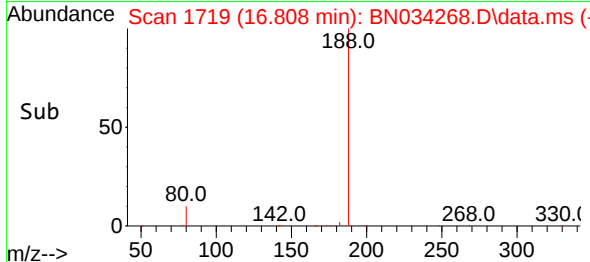
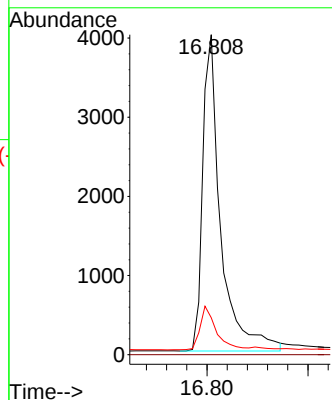
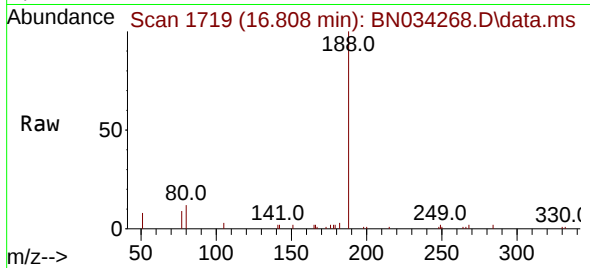




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.808 min Scan# 11
Delta R.T. 0.006 min
Lab File: BN034268.D
Acq: 27 Sep 2024 07:21

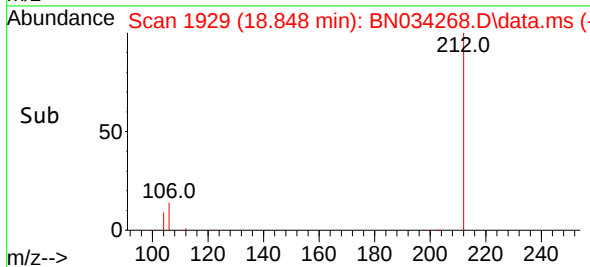
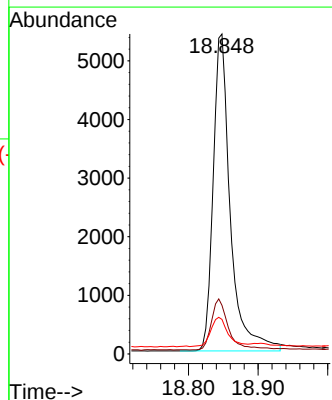
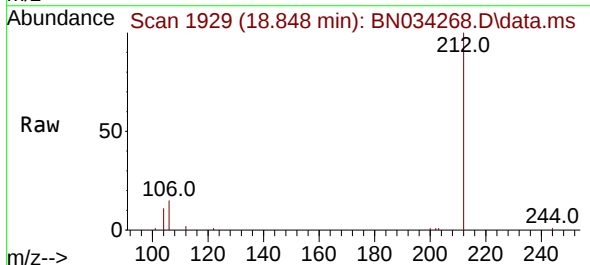
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ClientSampleId :
RW8-MW01S-20240919

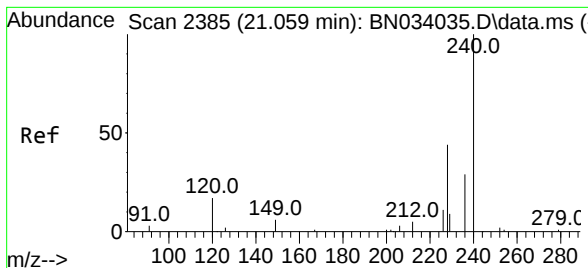
Tgt Ion:188 Resp: 9868
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.6 7.4 11.0#



#27
Fluoranthene-d10
Concen: 0.372 ng
RT: 18.848 min Scan# 1929
Delta R.T. 0.003 min
Lab File: BN034268.D
Acq: 27 Sep 2024 07:21

Tgt Ion:212 Resp: 9259
Ion Ratio Lower Upper
212 100
106 16.2 13.4 20.2
104 9.2 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.017 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN034268.D

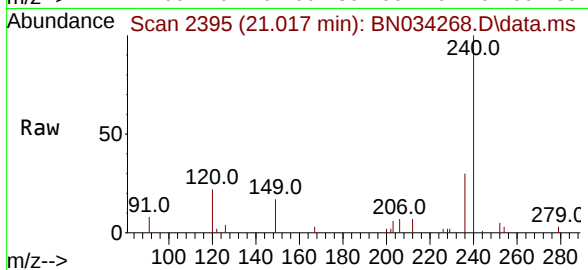
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Instrument :

BNA_N

ClientSampleId :

RW8-MW01S-20240919



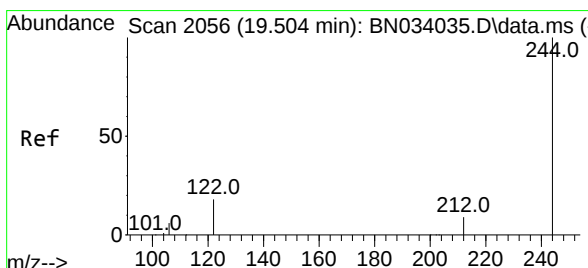
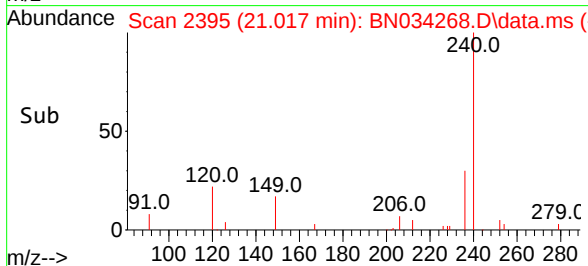
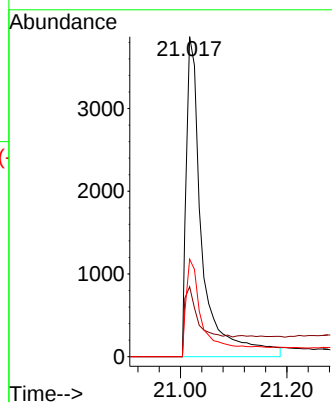
Tgt Ion:240 Resp: 7875

Ion Ratio Lower Upper

240 100

120 21.9 13.5 20.3#

236 30.5 23.4 35.0



#31

Terphenyl-d14

Concen: 0.391 ng

RT: 19.466 min Scan# 2062

Delta R.T. -0.002 min

Lab File: BN034268.D

Acq: 27 Sep 2024 07:21

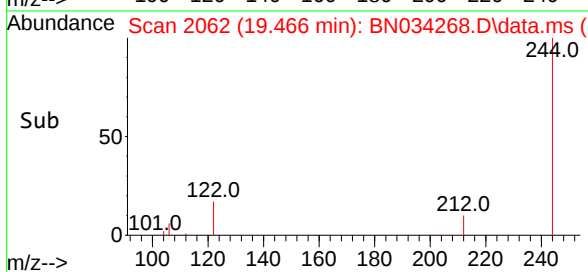
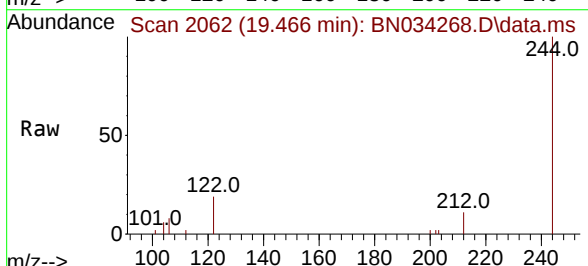
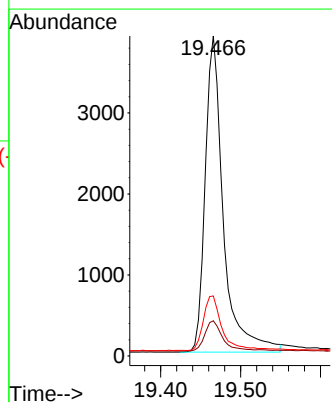
Tgt Ion:244 Resp: 6155

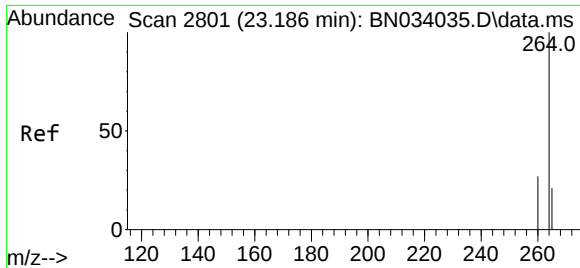
Ion Ratio Lower Upper

244 100

212 11.0 7.8 11.6

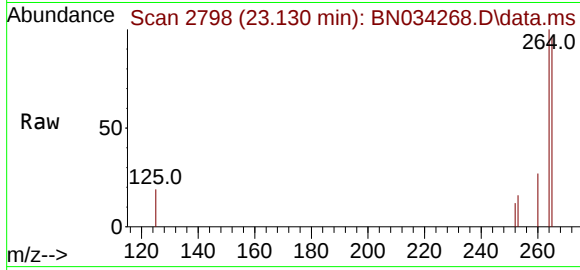
122 18.7 14.8 22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.130 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BN034268.D
 Acq: 27 Sep 2024 07:21

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 ClientSampleId :
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Tgt Ion:264 Resp: 8173
 Ion Ratio Lower Upper
 264 100
 260 27.3 21.7 32.5
 265 95.7 52.1 78.1#

