

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
 Data File : BN029018.D
 Acq On : 03 Dec 2023 13:21
 Operator : MA/JU
 Sample : 05404-25
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW4-20231109

Quant Time: Dec 04 00:43:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 00:28:48 2023
 Response via : Initial Calibration

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

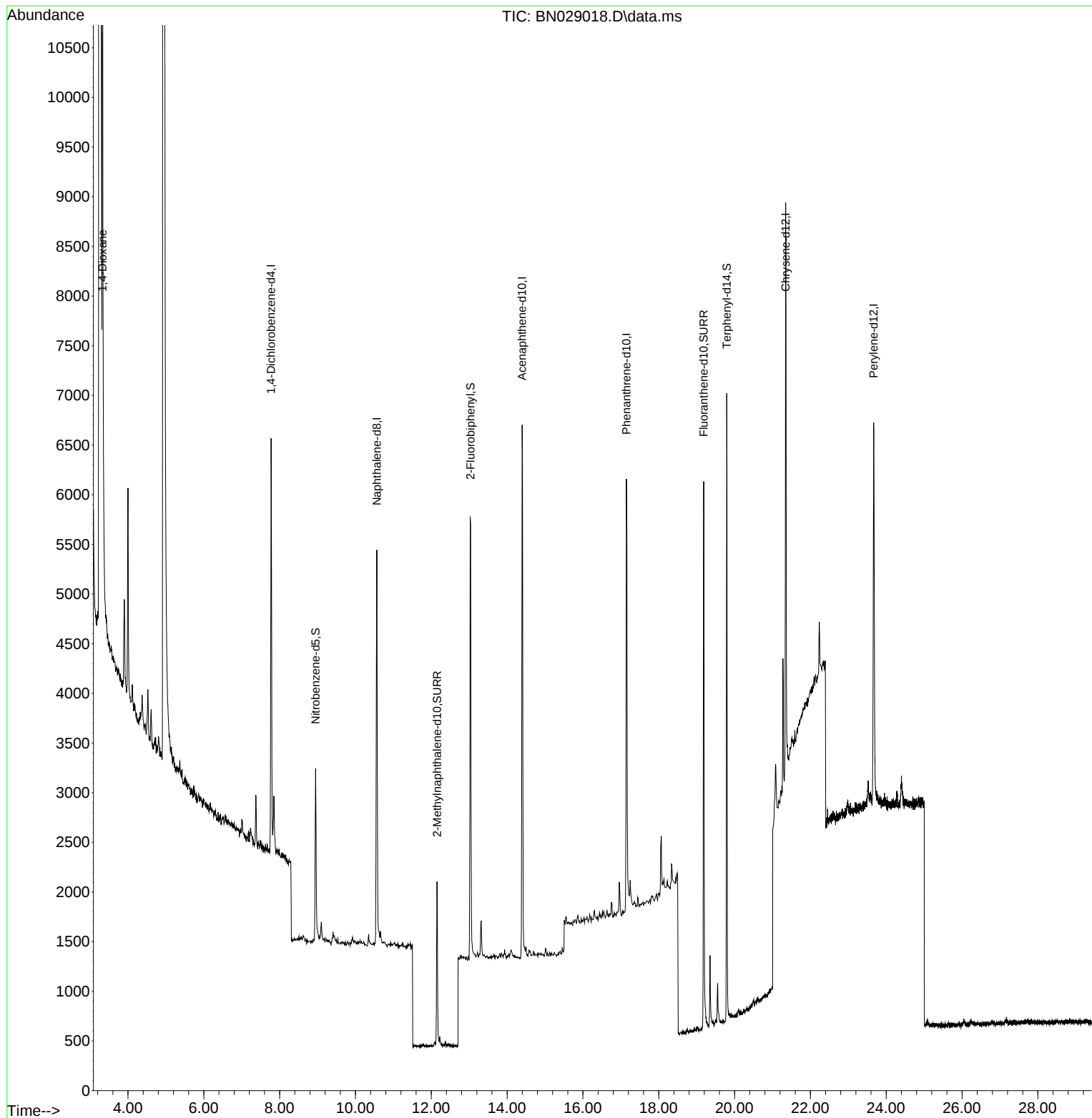
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	1959	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	5515	0.400	ng	# 0.00
13) Acenaphthene-d10	14.396	164	3356	0.400	ng	-0.01
19) Phenanthrene-d10	17.146	188	7189	0.400	ng	-0.01
29) Chrysene-d12	21.347	240	5721	0.400	ng	# 0.00
35) Perylene-d12	23.670	264	5504	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	3	0.001	ng	0.00
5) Phenol-d6	6.973	99	13	0.002	ng	-0.01
8) Nitrobenzene-d5	8.950	82	1550	0.283	ng	0.00
11) 2-Methylnaphthalene-d10	12.151	152	2375	0.268	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	3	0.001	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	4357	0.301	ng	0.00
27) Fluoranthene-d10	19.185	212	6502	0.344	ng	0.00
31) Terphenyl-d14	19.794	244	6217	0.388	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.326	88	4861	2.534	ng	# 90

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

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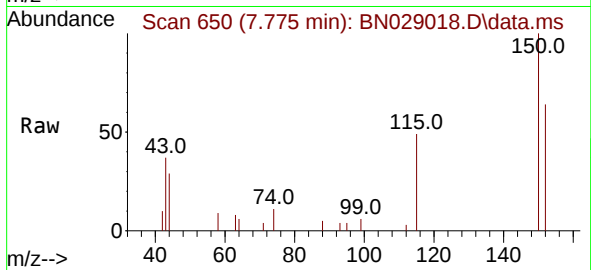
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 00:28:48 2023
Response via : Initial Calibration



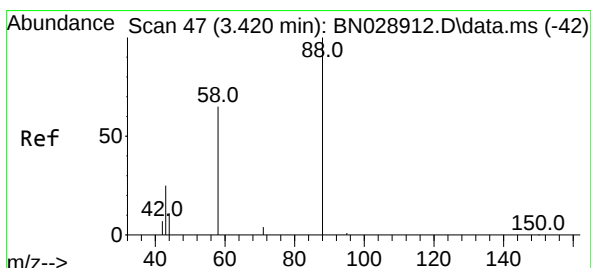
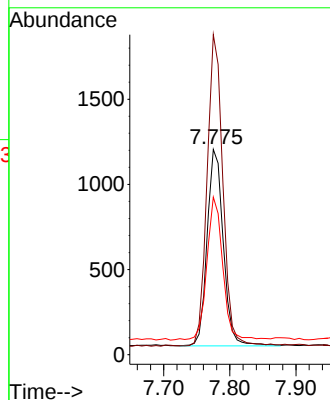
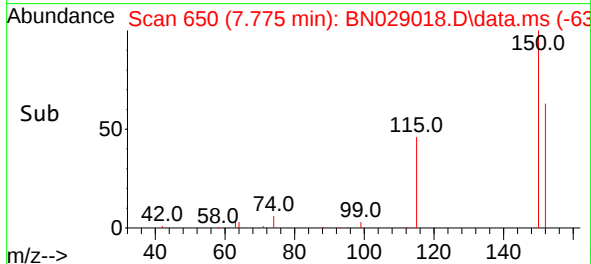


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN029018.D
 Acq: 03 Dec 2023 13:21

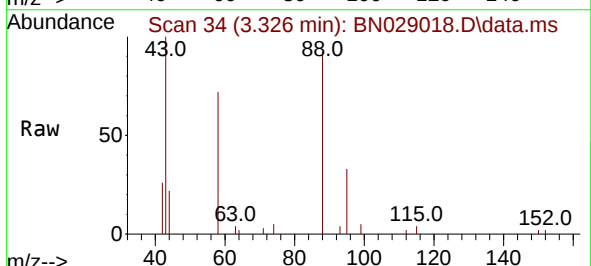
Instrument :
 BNA_N
 ClientSampleId :
 RW4-20231109



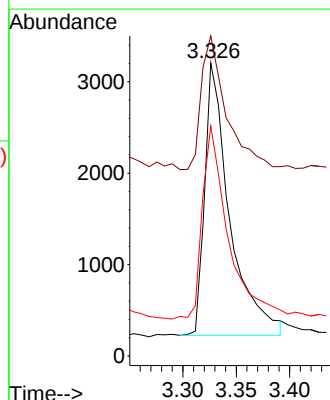
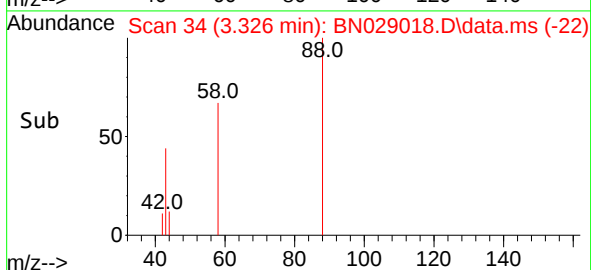
Tgt Ion:152 Resp: 1959
 Ion Ratio Lower Upper
 152 100
 150 155.8 123.4 185.2
 115 76.8 59.1 88.7



#2
 1,4-Dioxane
 Concen: 2.534 ng
 RT: 3.326 min Scan# 34
 Delta R.T. -0.014 min
 Lab File: BN029018.D
 Acq: 03 Dec 2023 13:21



Tgt Ion: 88 Resp: 4861
 Ion Ratio Lower Upper
 88 100
 43 49.2 29.9 44.9#
 58 72.9 55.0 82.4

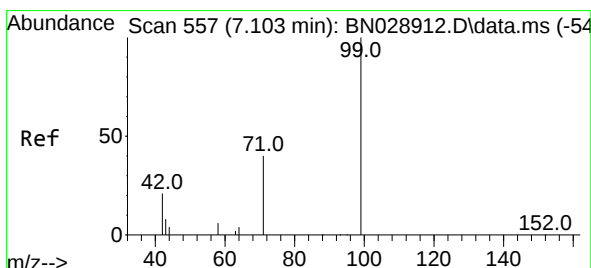
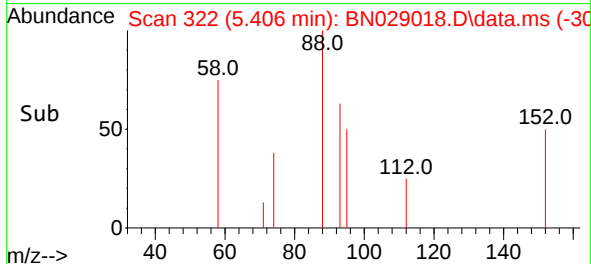
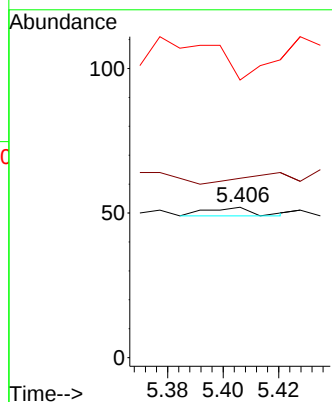
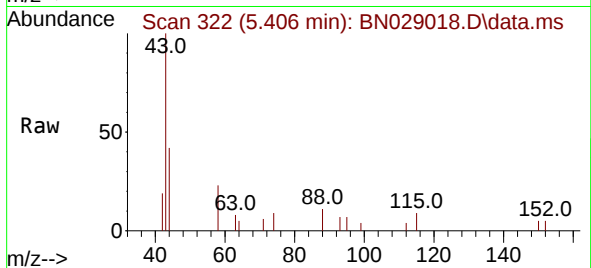




#4
2-Fluorophenol
Concen: 0.001 ng
RT: 5.406 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN029018.D
Acq: 03 Dec 2023 13:21

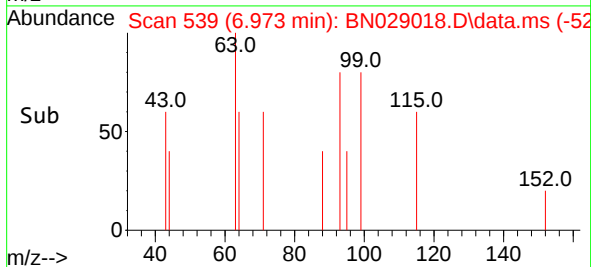
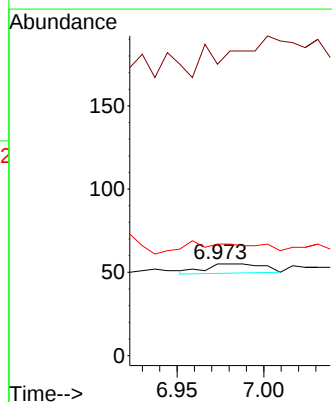
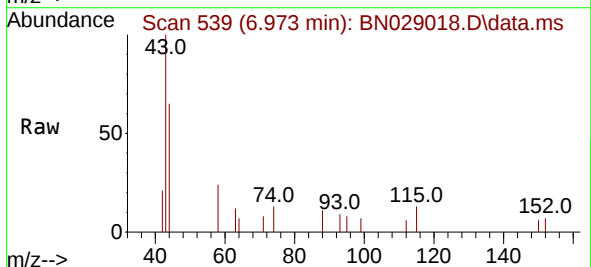
Instrument :
BNA_N
ClientSampleId :
RW4-20231109

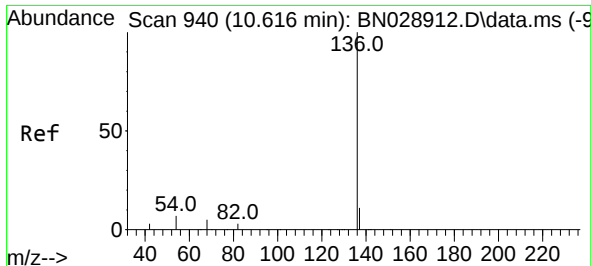
Tgt Ion:112 Resp: 3
Ion Ratio Lower Upper
112 100
64 0.0 51.5 77.3#
63 0.0 30.4 45.6#



#5
Phenol-d6
Concen: 0.002 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.014 min
Lab File: BN029018.D
Acq: 03 Dec 2023 13:21

Tgt Ion: 99 Resp: 13
Ion Ratio Lower Upper
99 100
42 0.0 21.2 31.8#
71 53.8 35.4 53.0#

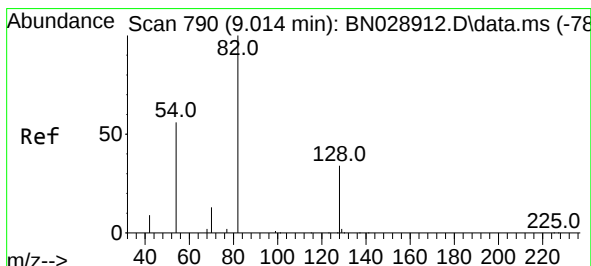
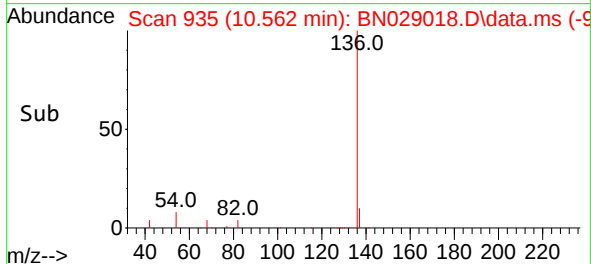
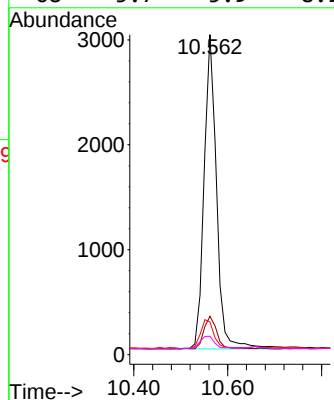
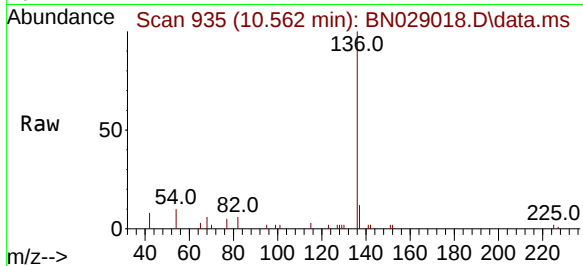




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN029018.D
Acq: 03 Dec 2023 13:21

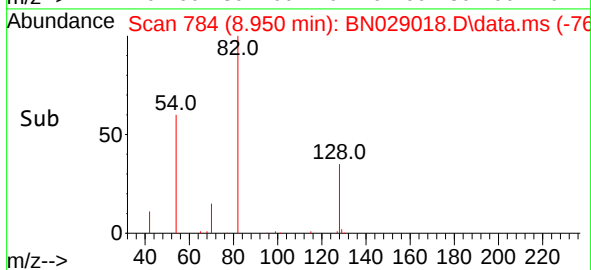
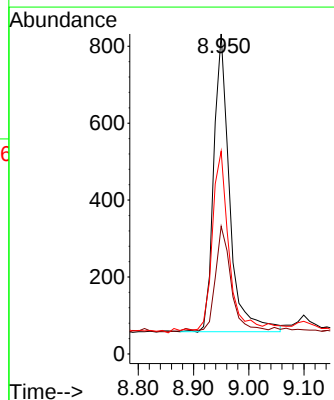
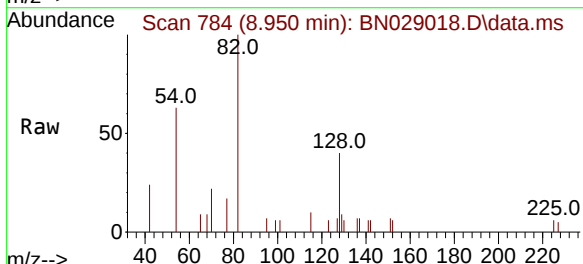
Instrument :
BNA_N
ClientSampleId :
RW4-20231109

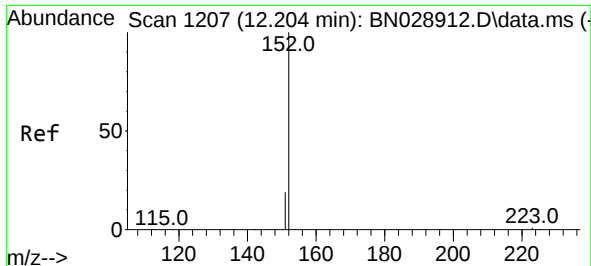
Tgt Ion:	136	Resp:	5515
Ion	Ratio	Lower	Upper
136	100		
137	12.0	10.6	16.0
54	10.2	7.5	11.3
68	5.7	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.283 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.000 min
Lab File: BN029018.D
Acq: 03 Dec 2023 13:21

Tgt Ion:	82	Resp:	1550
Ion	Ratio	Lower	Upper
82	100		
128	39.9	29.2	43.8
54	63.3	47.0	70.6

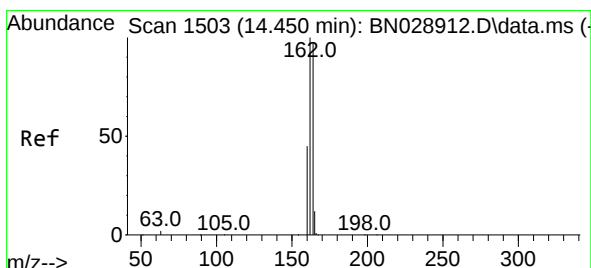
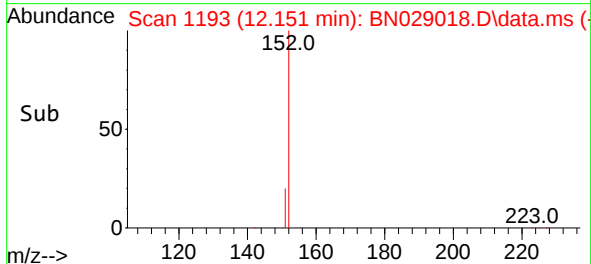
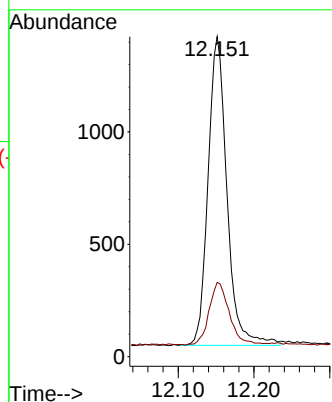
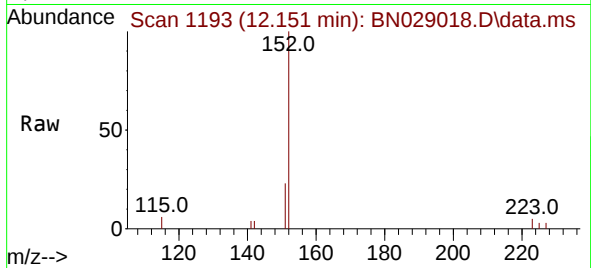




#11
2-Methylnaphthalene-d10
Concen: 0.268 ng
RT: 12.151 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BN029018.D
Acq: 03 Dec 2023 13:21

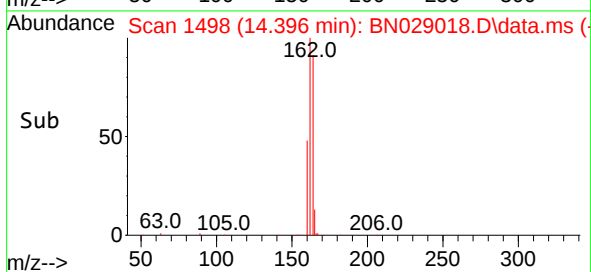
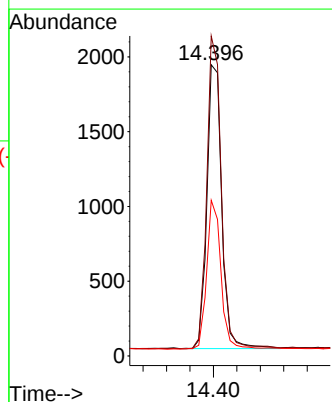
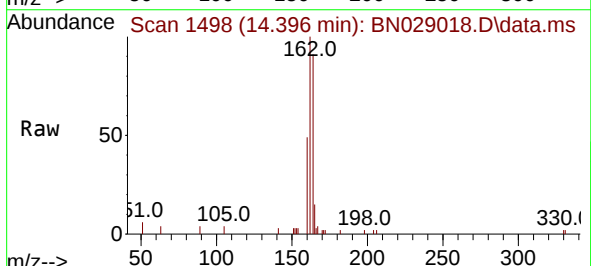
Instrument :
BNA_N
ClientSampleId :
RW4-20231109

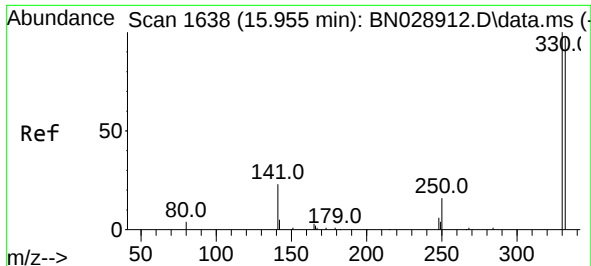
Tgt Ion:152 Resp: 2375
Ion Ratio Lower Upper
152 100
151 22.0 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.396 min Scan# 1498
Delta R.T. -0.011 min
Lab File: BN029018.D
Acq: 03 Dec 2023 13:21

Tgt Ion:164 Resp: 3356
Ion Ratio Lower Upper
164 100
162 109.9 81.7 122.5
160 53.5 37.0 55.6

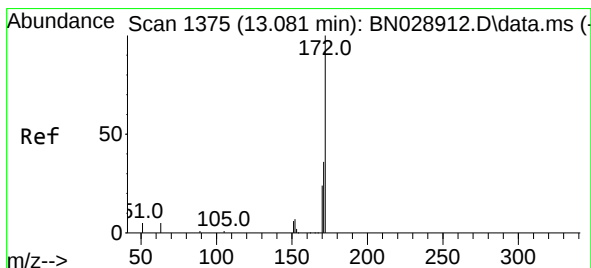
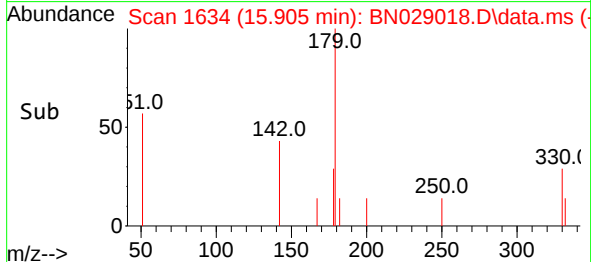
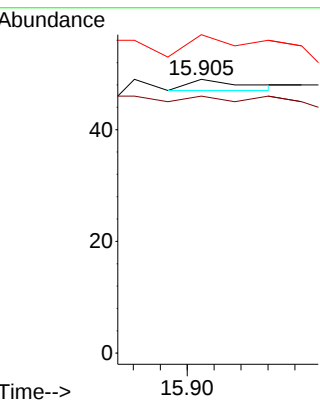
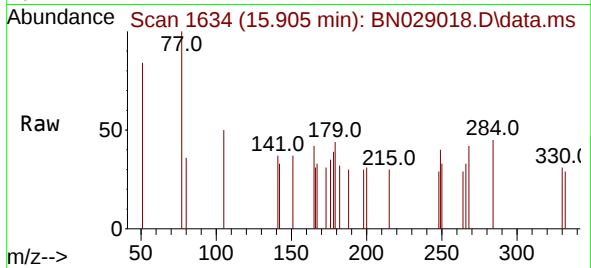




#14
2,4,6-Tribromophenol
Concen: 0.001 ng
RT: 15.905 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BN029018.D
Acq: 03 Dec 2023 13:21

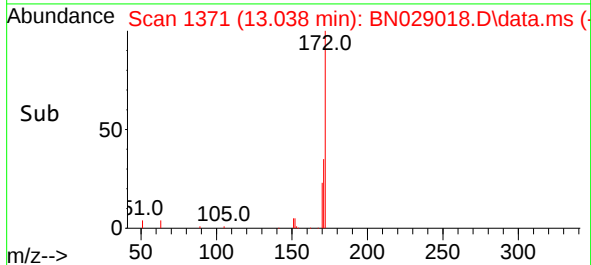
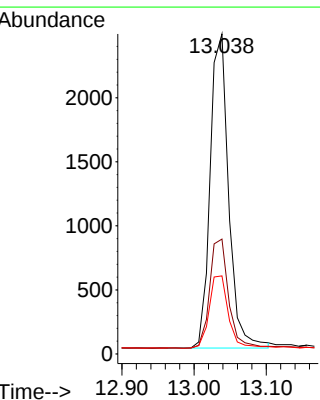
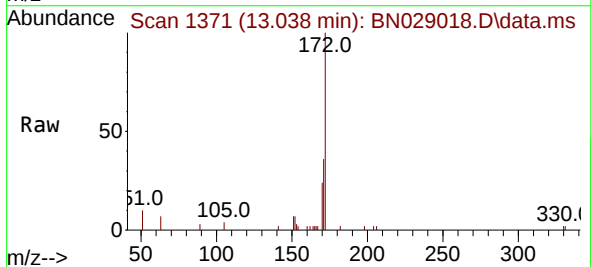
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RW4-20231109

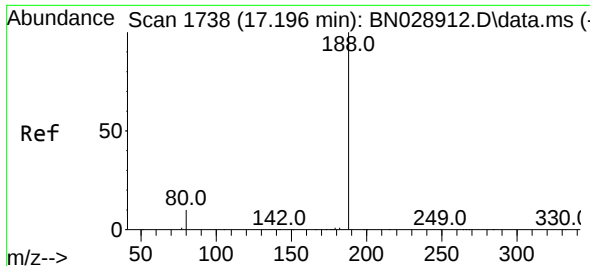
Tgt Ion:330 Resp: 3
Ion Ratio Lower Upper
330 100
332 33.3 75.4 113.2#
141 266.7 35.7 53.5#



#15
2-Fluorobiphenyl
Concen: 0.301 ng
RT: 13.038 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BN029018.D
Acq: 03 Dec 2023 13:21

Tgt Ion:172 Resp: 4357
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 24.4 19.7 29.5

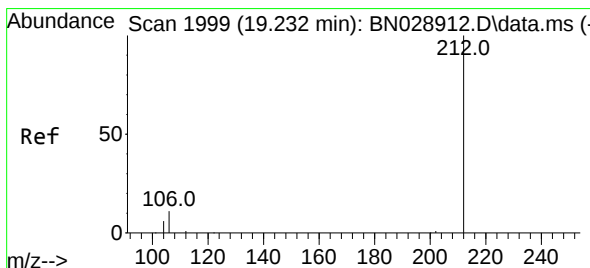
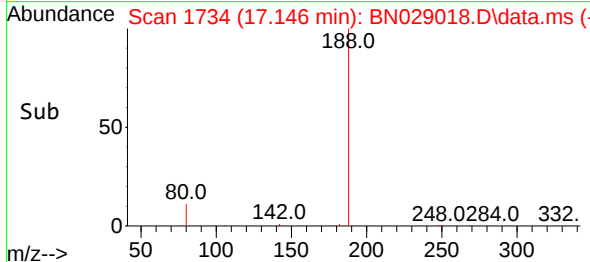
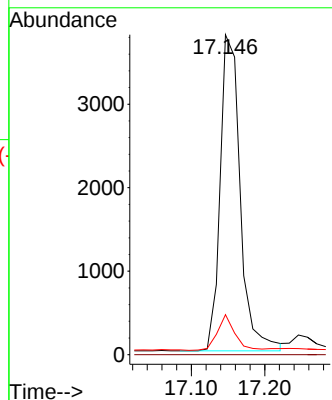
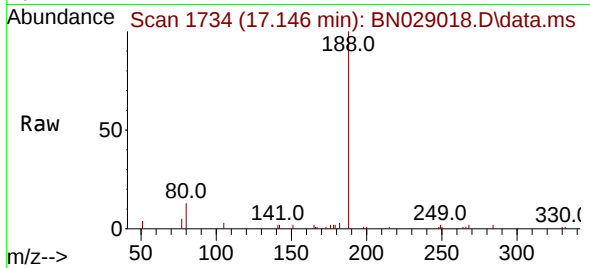




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 1734
Delta R.T. -0.012 min
Lab File: BN029018.D
Acq: 03 Dec 2023 13:21

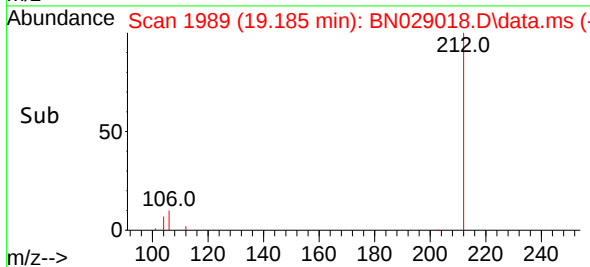
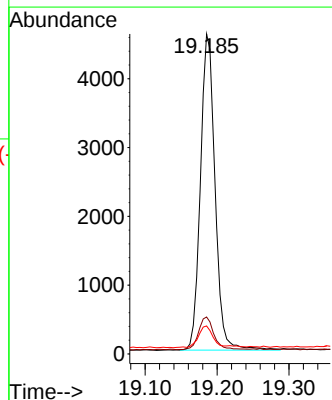
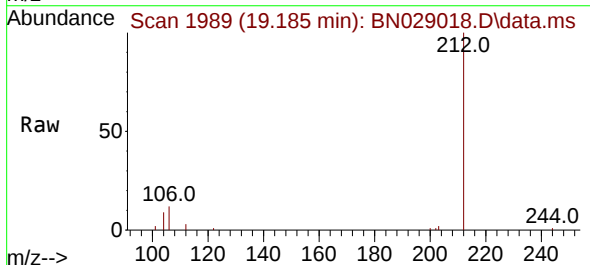
Instrument :
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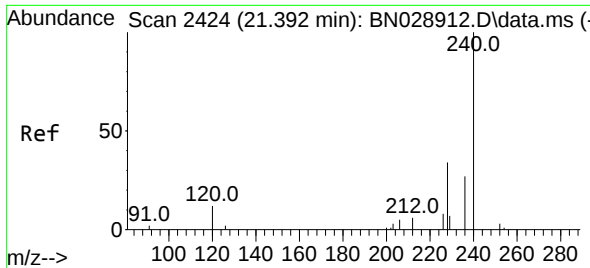
Tgt Ion:188 Resp: 7189
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.5 9.0 13.6



#27
Fluoranthene-d10
Concen: 0.344 ng
RT: 19.185 min Scan# 1989
Delta R.T. -0.005 min
Lab File: BN029018.D
Acq: 03 Dec 2023 13:21

Tgt Ion:212 Resp: 6502
Ion Ratio Lower Upper
212 100
106 10.8 9.4 14.2
104 6.9 6.2 9.2

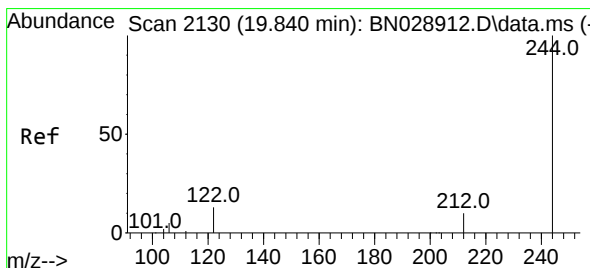
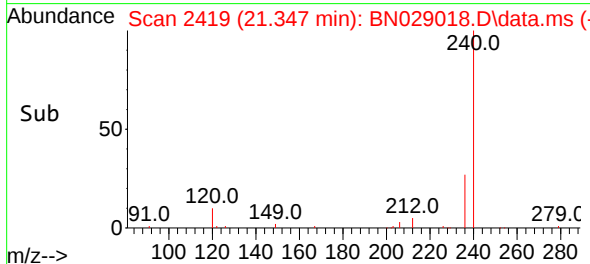
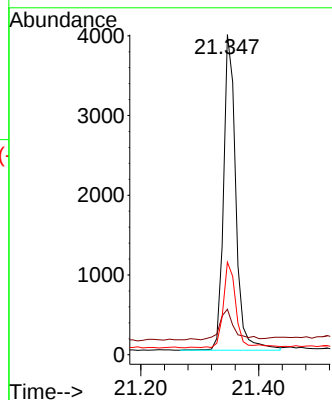
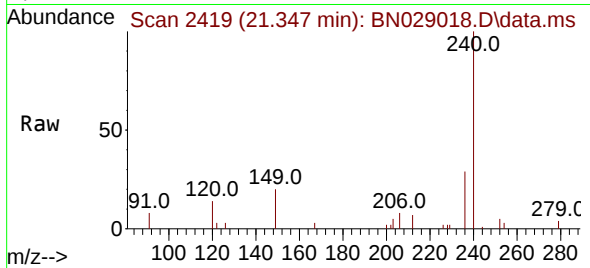




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BN029018.D
Acq: 03 Dec 2023 13:21

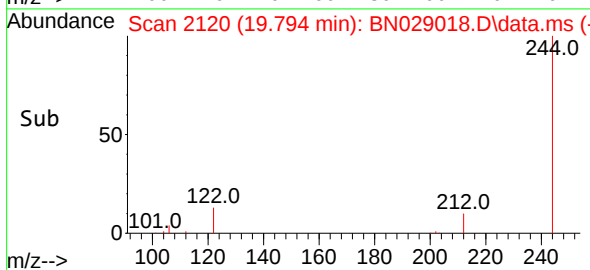
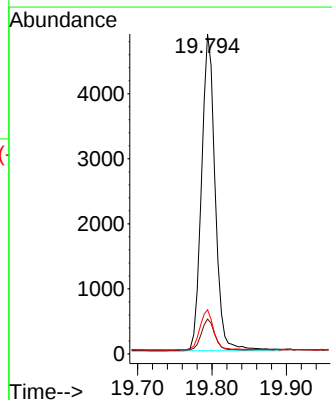
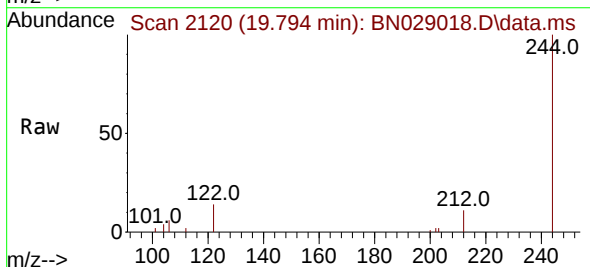
Instrument :
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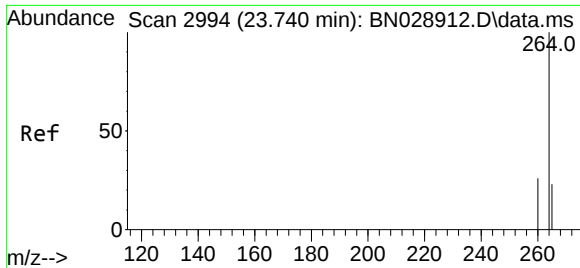
Tgt Ion:240 Resp: 5721
Ion Ratio Lower Upper
240 100
120 14.2 37.1 55.7#
236 28.9 32.4 48.6#



#31
Terphenyl-d14
Concen: 0.388 ng
RT: 19.794 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BN029018.D
Acq: 03 Dec 2023 13:21

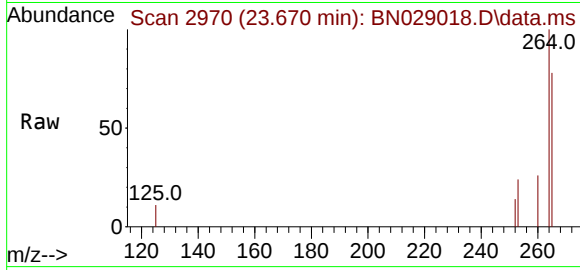
Tgt Ion:244 Resp: 6217
Ion Ratio Lower Upper
244 100
212 10.9 11.5 17.3#
122 13.8 13.2 19.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.670 min Scan# 2994
 Delta R.T. -0.000 min
 Lab File: BN029018.D
 Acq: 03 Dec 2023 13:21

Instrument :
 BNA_N
 ClientSampleId :
 RW4-20231109



Tgt Ion:264 Resp: 5504
 Ion Ratio Lower Upper
 264 100
 260 26.5 20.6 30.8
 265 77.7 464.5 696.7#

