

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091924\
 Data File : BN034056.D
 Acq On : 19 Sep 2024 18:52
 Operator : JU/RC
 Sample : P3972-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP201-20240911

Quant Time: Sep 20 01:51:18 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)

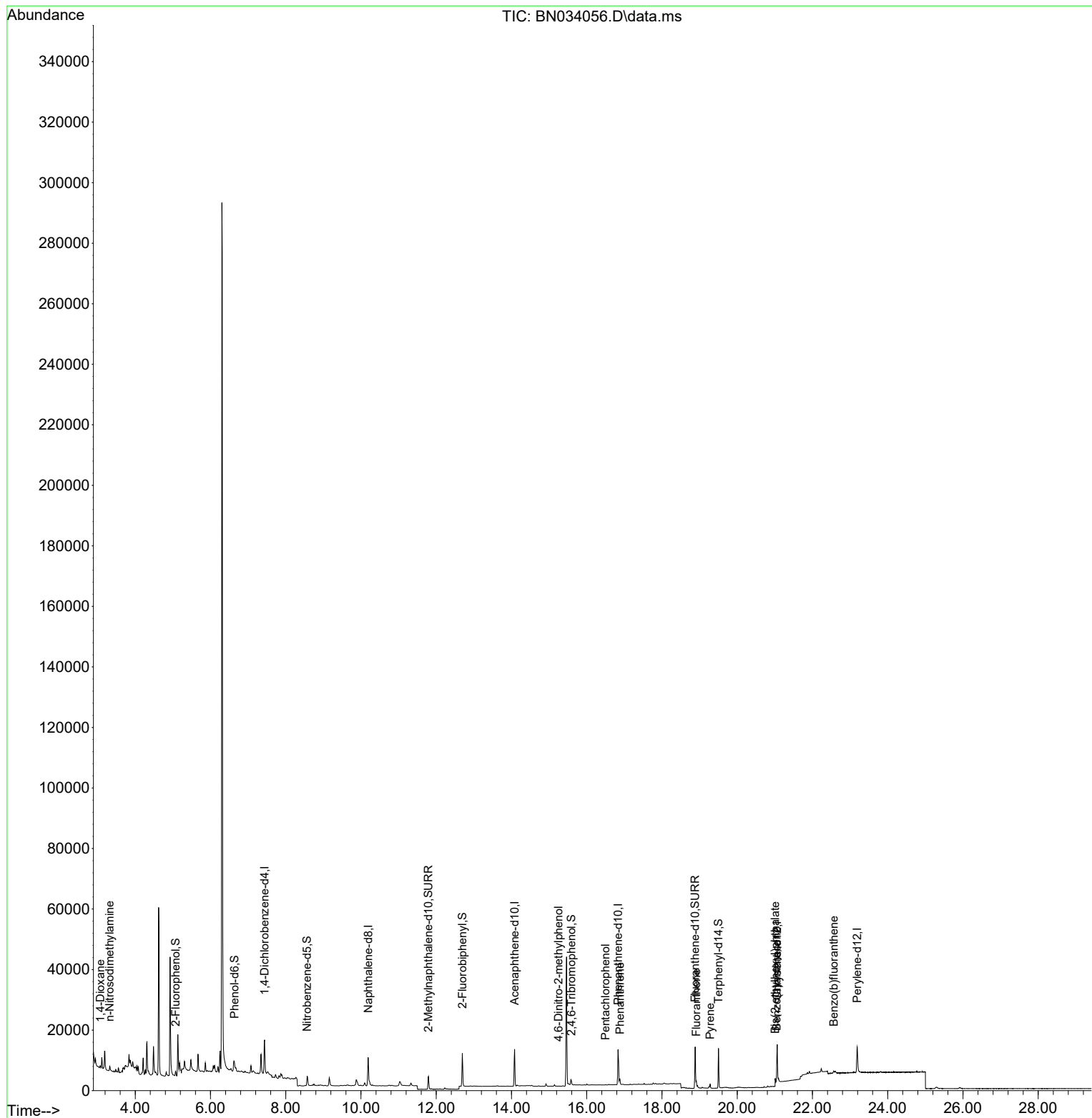
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.438	152	5408	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	12034	0.400	ng	0.00
13) Acenaphthene-d10	14.083	164	6888	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	15647	0.400	ng	# 0.00
29) Chrysene-d12	21.062	240	11803	0.400	ng	# 0.00
35) Perylene-d12	23.189	264	11557	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.076	112	1315	0.086	ng	0.00
5) Phenol-d6	6.636	99	1276	0.071	ng	0.00
8) Nitrobenzene-d5	8.568	82	2765	0.300	ng	0.00
11) 2-Methylnaphthalene-d10	11.791	152	5760	0.324	ng	0.00
14) 2,4,6-Tribromophenol	15.592	330	1033	0.331	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	8857	0.316	ng	0.00
27) Fluoranthene-d10	18.880	212	15497	0.393	ng	0.00
31) Terphenyl-d14	19.503	244	12030	0.510	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.075	88	273	0.040	ng	# 1
3) n-Nitrosodimethylamine	3.321	42	485	0.063	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.248	198	12	0.142	ng	# 1
24) Pentachlorophenol	16.498	266	86	0.026	ng	# 80
25) Phenanthrene	16.883	178	2144	0.048	ng	98
28) Fluoranthene	18.913	202	1932	0.037	ng	# 91
30) Pyrene	19.280	202	1257	0.025	ng	96
32) Benzo(a)anthracene	21.044	228	777	0.021	ng	# 83
34) Bis(2-ethylhexyl)phtha...	21.008	149	1995	0.128	ng	# 88
37) Benzo(b)fluoranthene	22.566	252	964	0.021	ng	# 1

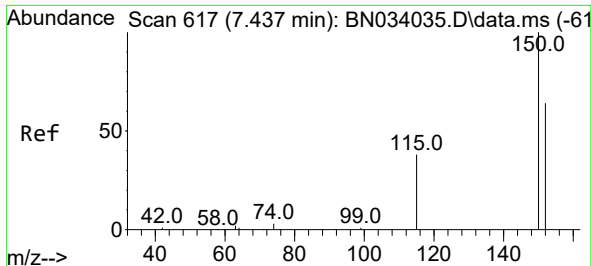
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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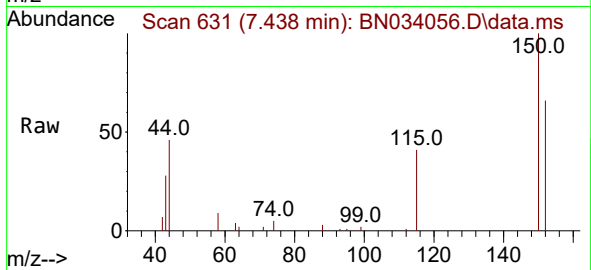
Quant Time: Sep 20 01:51:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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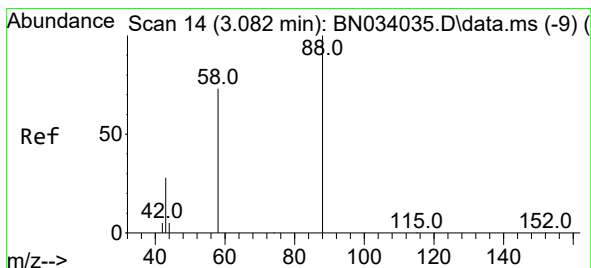
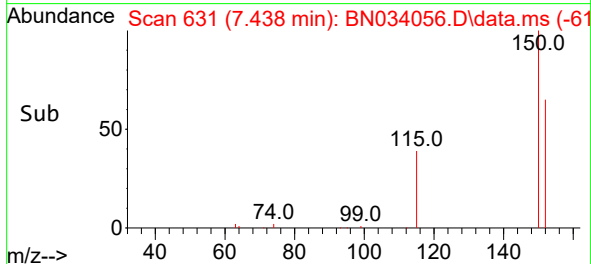
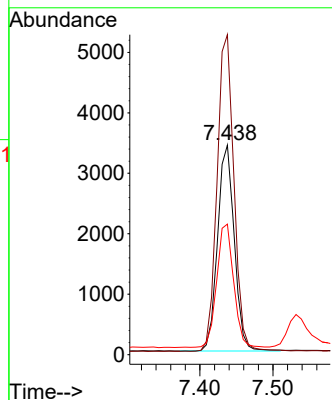


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.438 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: BN034056.D
 Acq: 19 Sep 2024 18:52

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP201-20240911

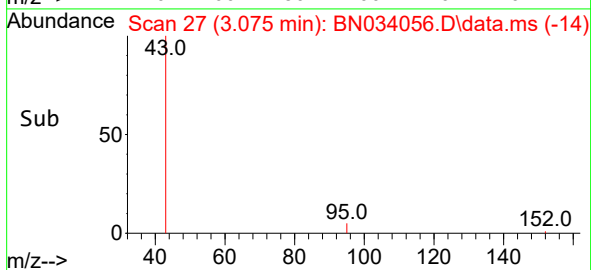
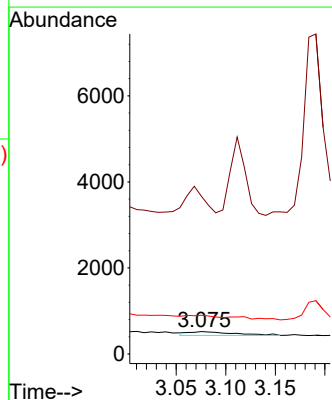
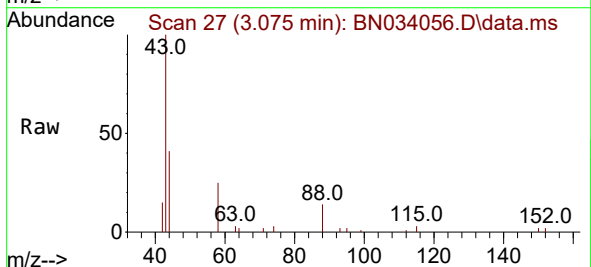


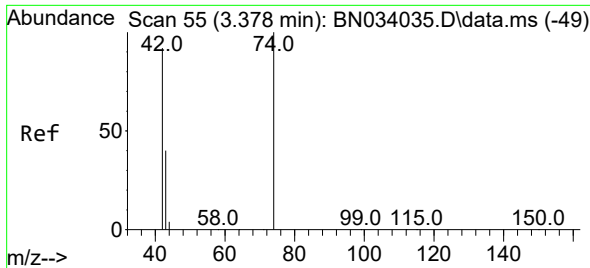
Tgt Ion:152 Resp: 5408
 Ion Ratio Lower Upper
 152 100
 150 152.6 124.6 187.0
 115 62.3 50.0 75.0



#2
 1,4-Dioxane
 Concen: 0.040 ng
 RT: 3.075 min Scan# 27
 Delta R.T. -0.006 min
 Lab File: BN034056.D
 Acq: 19 Sep 2024 18:52

Tgt Ion: 88 Resp: 273
 Ion Ratio Lower Upper
 88 100
 43 291.6 25.8 38.8#
 58 0.0 58.8 88.2#

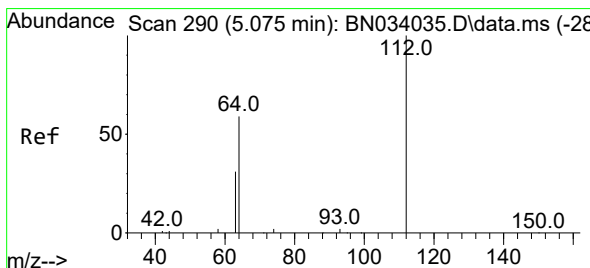
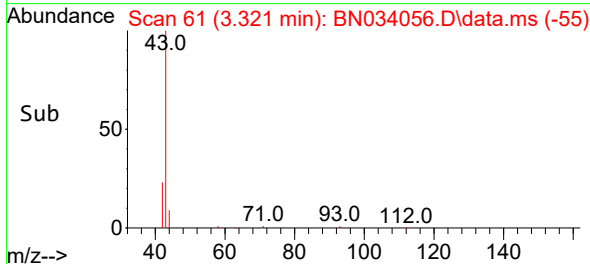
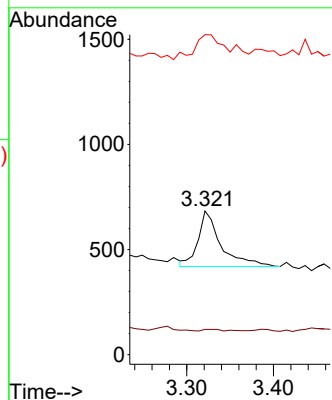
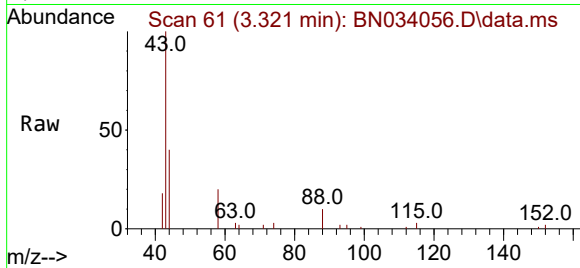




#3
n-Nitrosodimethylamine
Concen: 0.063 ng
RT: 3.321 min Scan# 61
Delta R.T. -0.057 min
Lab File: BN034056.D
Acq: 19 Sep 2024 18:52

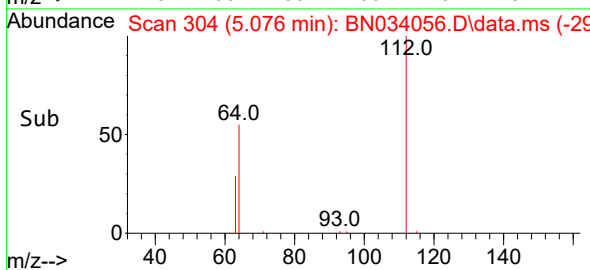
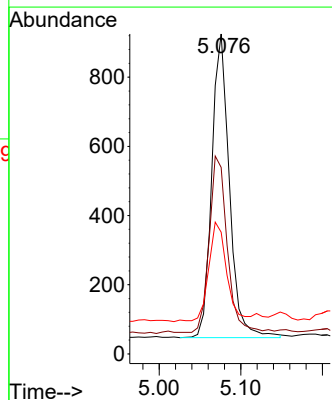
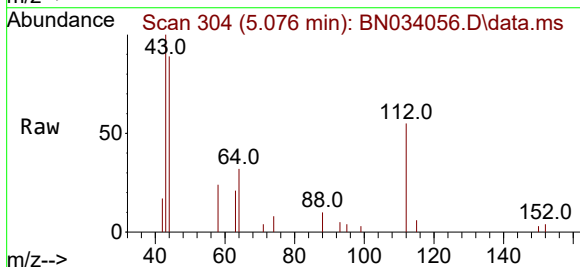
Instrument :
BNA_N
ClientSampleId :
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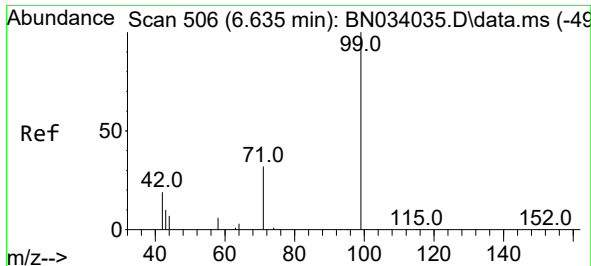
Tgt Ion: 42 Resp: 485
Ion Ratio Lower Upper
42 100
74 2.7 94.6 142.0#
44 41.9 12.4 18.6#



#4
2-Fluorophenol
Concen: 0.086 ng
RT: 5.076 min Scan# 304
Delta R.T. 0.001 min
Lab File: BN034056.D
Acq: 19 Sep 2024 18:52

Tgt Ion: 112 Resp: 1315
Ion Ratio Lower Upper
112 100
64 59.2 48.6 72.8
63 33.4 25.6 38.4

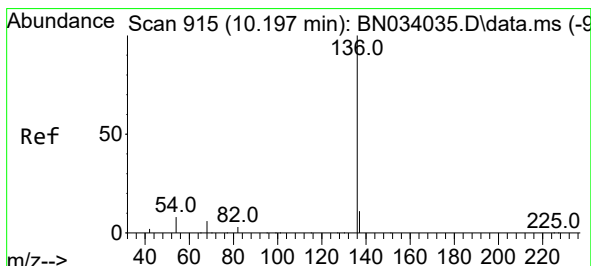
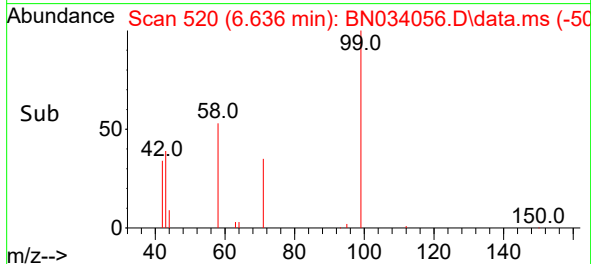
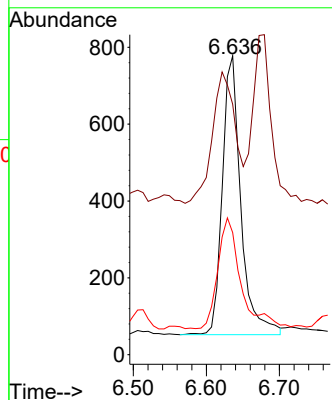
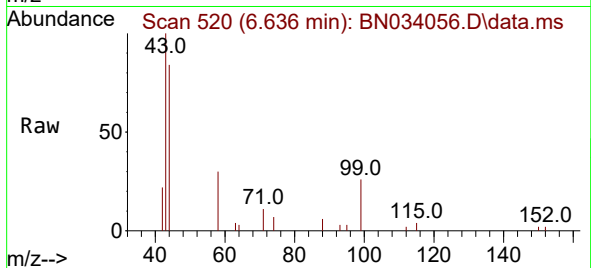




#5
Phenol-d6
Concen: 0.071 ng
RT: 6.636 min Scan# 51
Delta R.T. 0.001 min
Lab File: BN034056.D
Acq: 19 Sep 2024 18:52

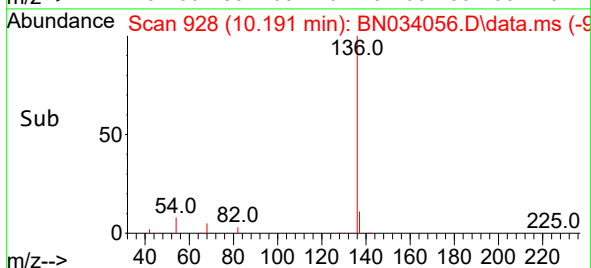
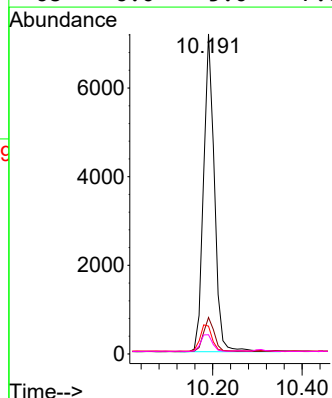
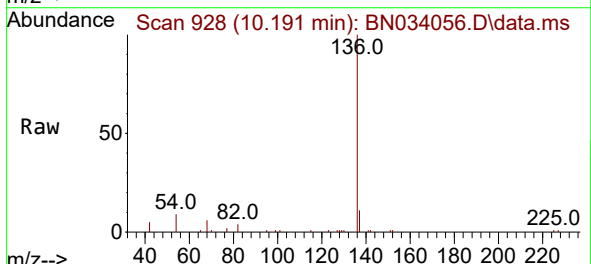
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20240911

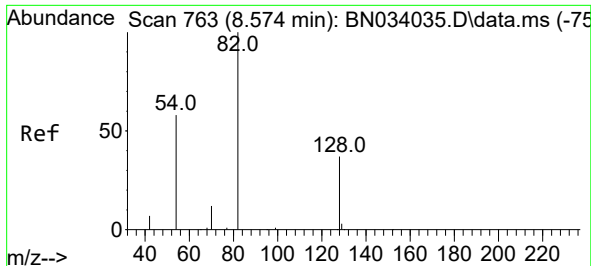
Tgt Ion: 99 Resp: 1276
Ion Ratio Lower Upper
99 100
42 58.7 17.8 26.8#
71 48.9 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 928
Delta R.T. -0.006 min
Lab File: BN034056.D
Acq: 19 Sep 2024 18:52

Tgt Ion: 136 Resp: 12034
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 8.7 6.8 10.2
68 6.0 5.0 7.6

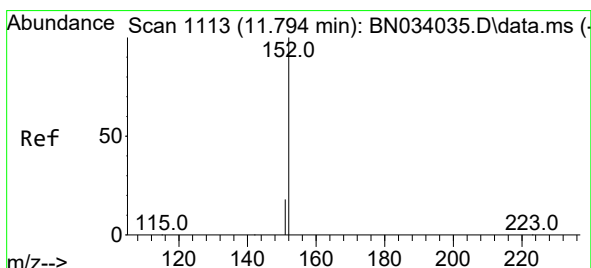
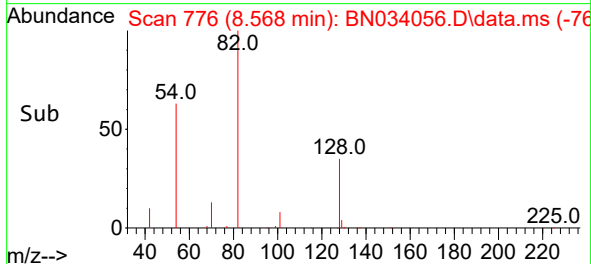
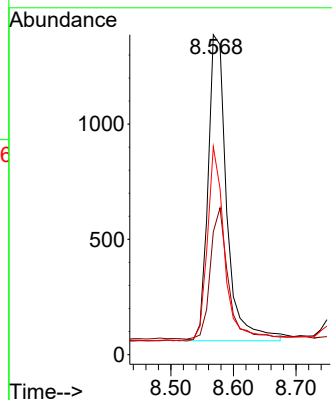
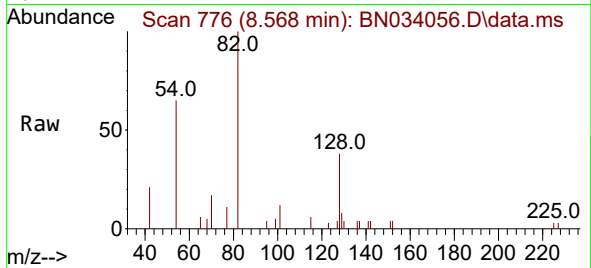




#8
 Nitrobenzene-d5
 Concen: 0.300 ng
 RT: 8.568 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BN034056.D
 Acq: 19 Sep 2024 18:52

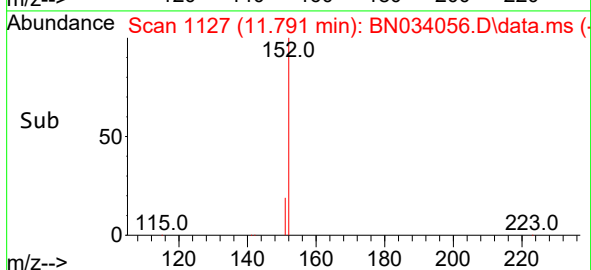
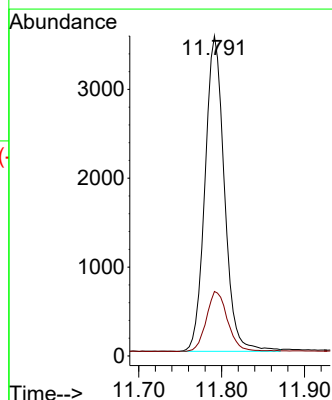
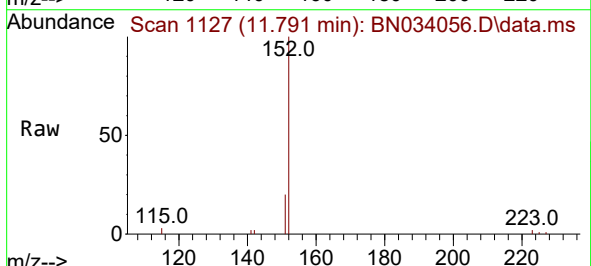
Instrument :
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 ClientSampleId :
 RW7-SP201-20240911

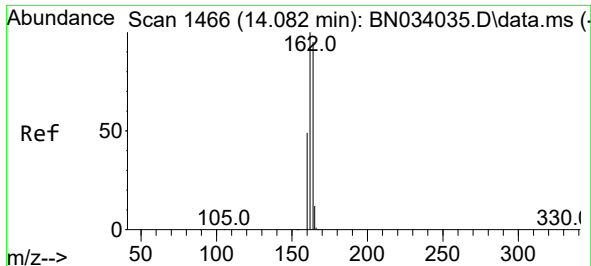
Tgt Ion: 82 Resp: 2765
 Ion Ratio Lower Upper
 82 100
 128 38.4 31.4 47.2
 54 65.0 47.4 71.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.324 ng
 RT: 11.791 min Scan# 1127
 Delta R.T. -0.002 min
 Lab File: BN034056.D
 Acq: 19 Sep 2024 18:52

Tgt Ion:152 Resp: 5760
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.8 25.2

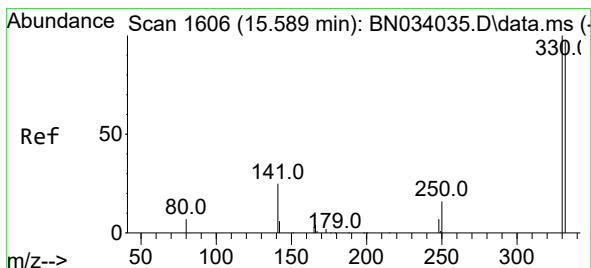
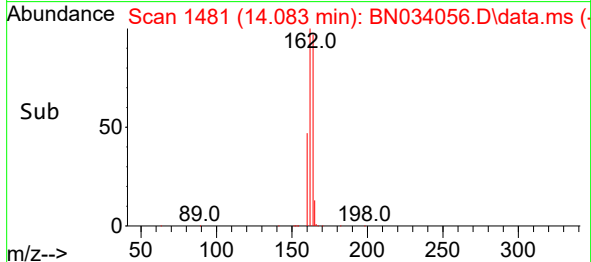
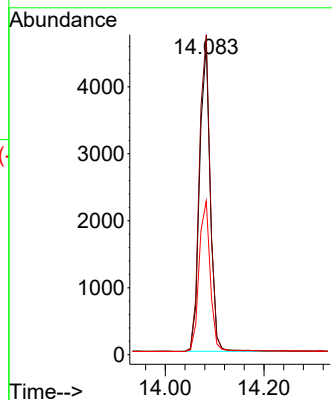
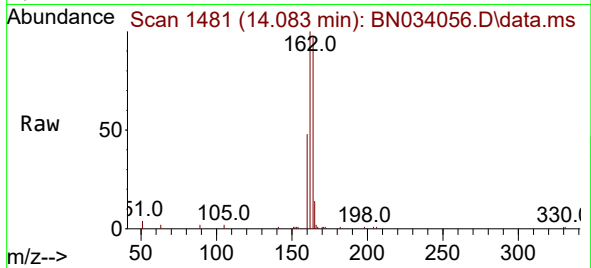




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.083 min Scan# 14
Delta R.T. 0.001 min
Lab File: BN034056.D
Acq: 19 Sep 2024 18:52

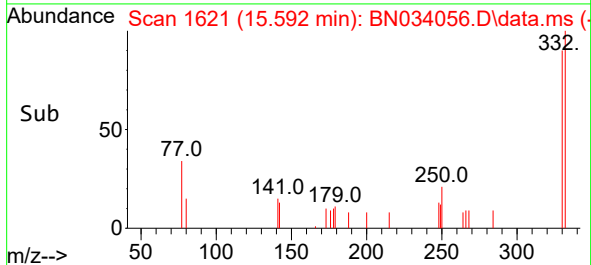
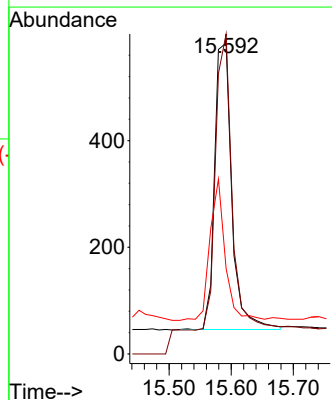
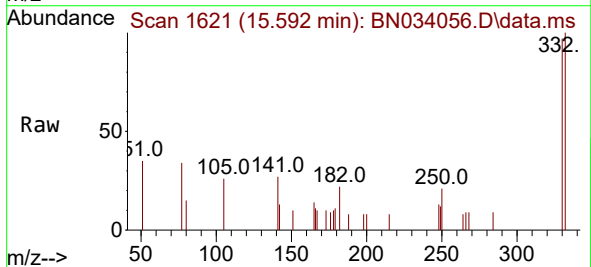
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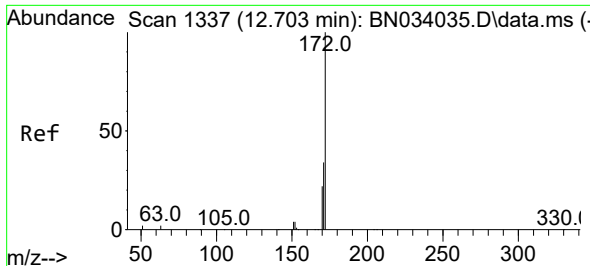
Tgt Ion:164 Resp: 6888
Ion Ratio Lower Upper
164 100
162 103.1 84.2 126.2
160 49.5 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.331 ng
RT: 15.592 min Scan# 1621
Delta R.T. 0.003 min
Lab File: BN034056.D
Acq: 19 Sep 2024 18:52

Tgt Ion:330 Resp: 1033
Ion Ratio Lower Upper
330 100
332 98.5 77.4 116.0
141 43.7 35.9 53.9

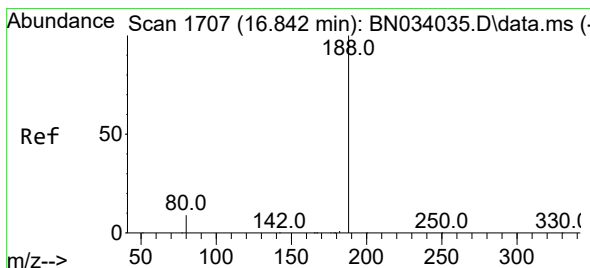
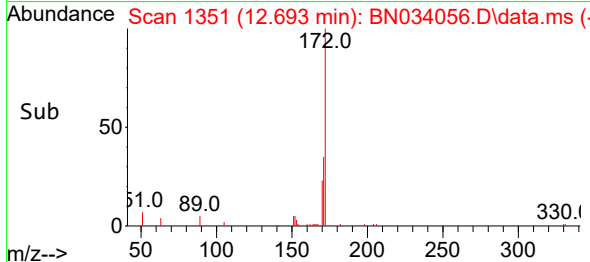
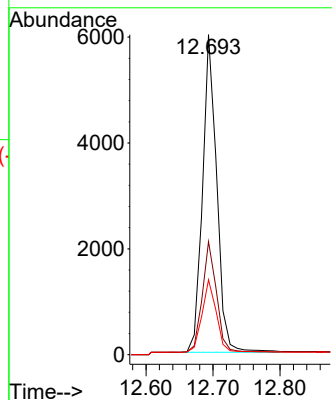
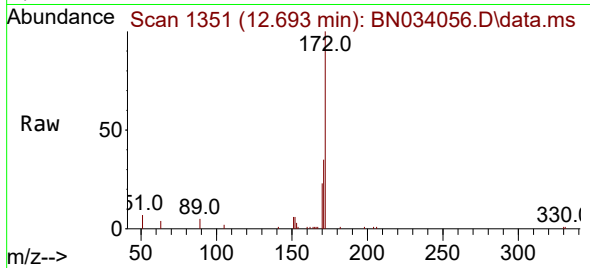




#15
2-Fluorobiphenyl
Concen: 0.316 ng
RT: 12.693 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034056.D
Acq: 19 Sep 2024 18:52

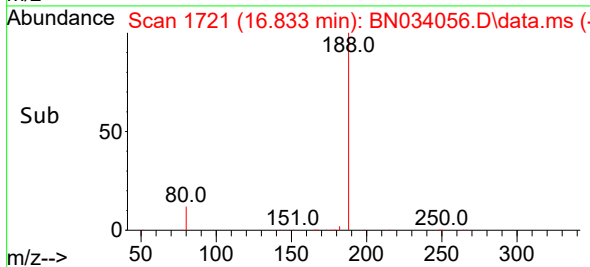
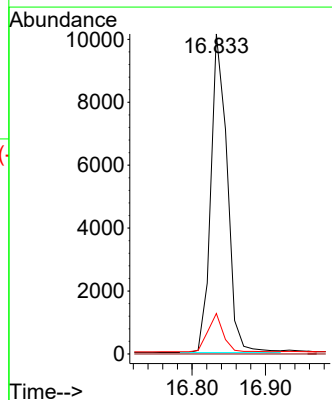
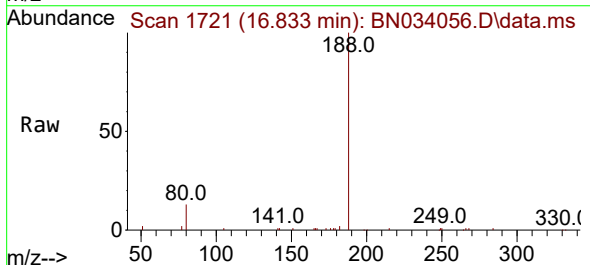
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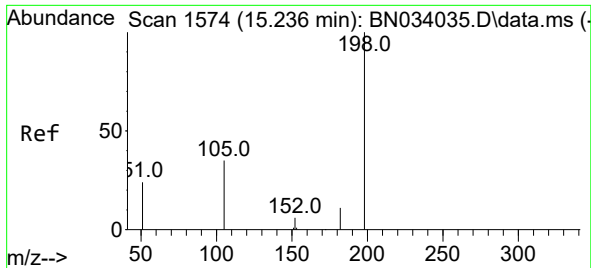
Tgt Ion:172 Resp: 8857
Ion Ratio Lower Upper
172 100
171 35.4 27.3 40.9
170 23.4 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 1721
Delta R.T. -0.009 min
Lab File: BN034056.D
Acq: 19 Sep 2024 18:52

Tgt Ion:188 Resp: 15647
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.7 7.4 11.0#

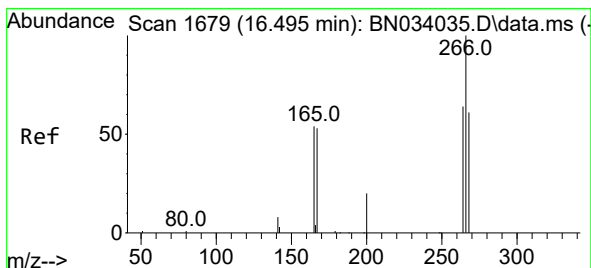
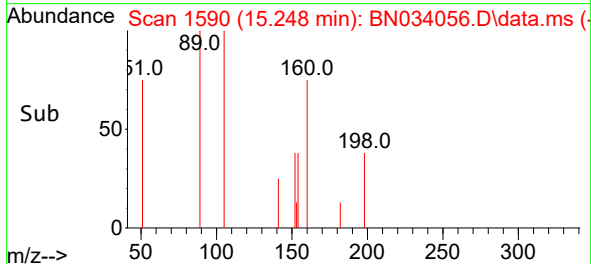
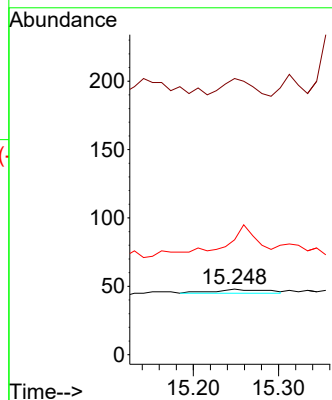
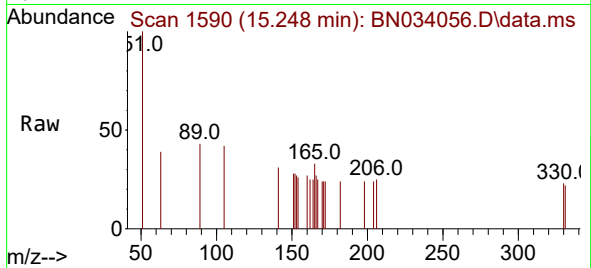




#20
4,6-Dinitro-2-methylphenol
Concen: 0.142 ng
RT: 15.248 min Scan# 1590
Delta R.T. 0.012 min
Lab File: BN034056.D
Acq: 19 Sep 2024 18:52

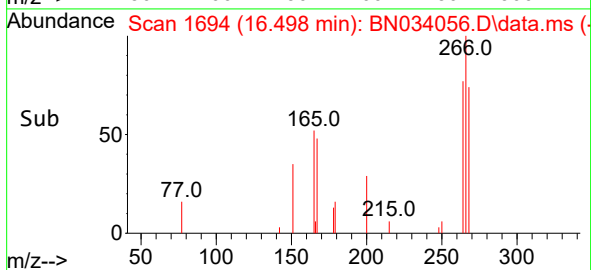
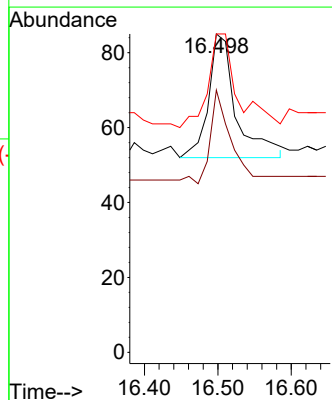
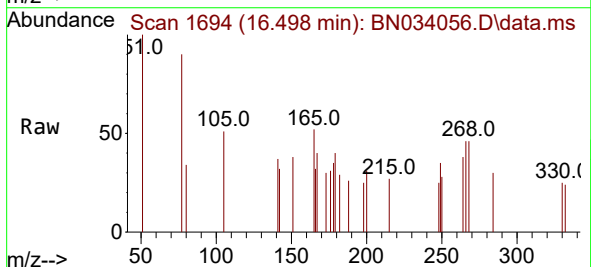
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20240911

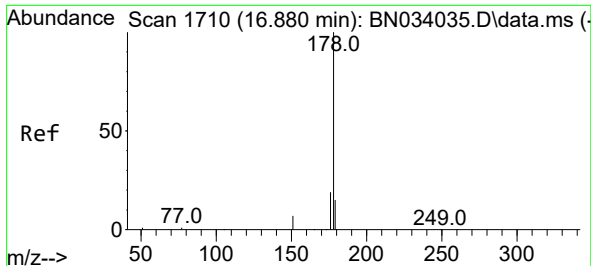
Tgt Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
51 420.8 106.4 159.6#
105 175.0 38.5 57.7#



#24
Pentachlorophenol
Concen: 0.026 ng
RT: 16.498 min Scan# 1694
Delta R.T. 0.003 min
Lab File: BN034056.D
Acq: 19 Sep 2024 18:52

Tgt Ion:266 Resp: 86
Ion Ratio Lower Upper
266 100
264 50.0 50.2 75.2#
268 81.4 51.0 76.4#

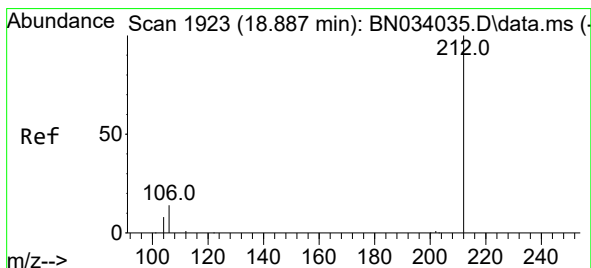
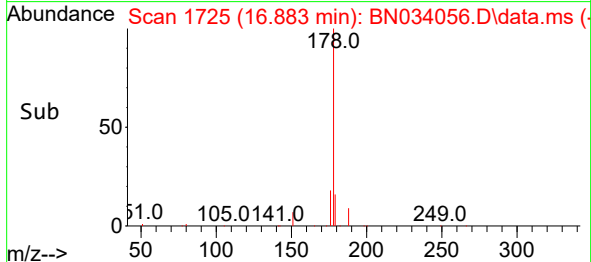
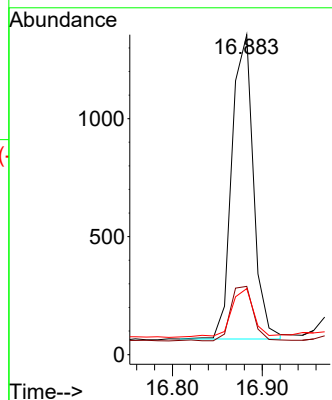
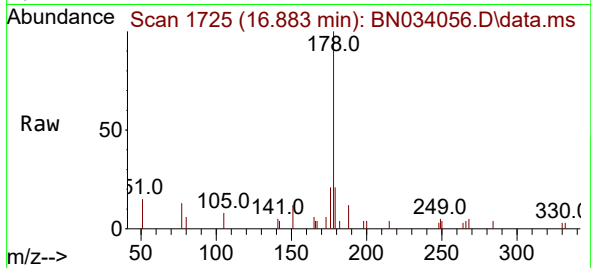




#25
Phenanthrene
Concen: 0.048 ng
RT: 16.883 min Scan# 1725
Delta R.T. 0.003 min
Lab File: BN034056.D
Acq: 19 Sep 2024 18:52

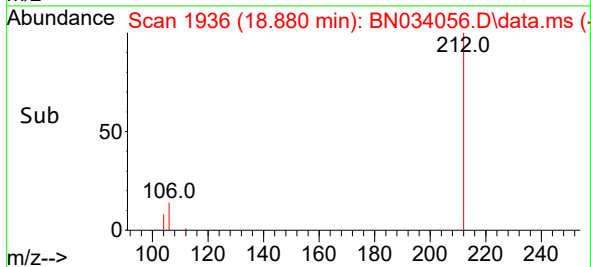
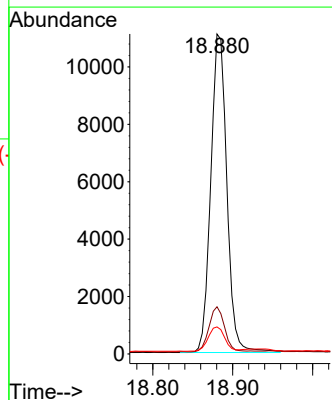
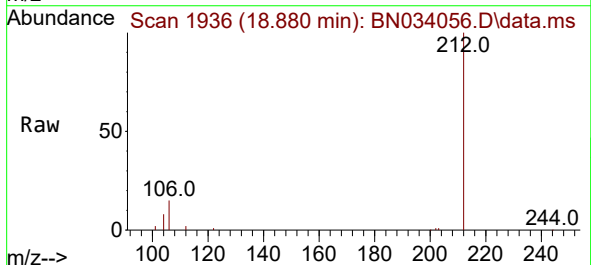
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20240911

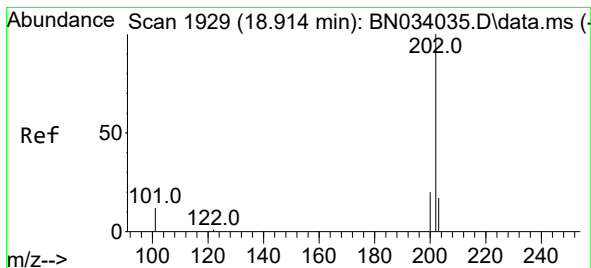
Tgt Ion:178 Resp: 2144
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 16.7 12.1 18.1



#27
Fluoranthene-d10
Concen: 0.393 ng
RT: 18.880 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BN034056.D
Acq: 19 Sep 2024 18:52

Tgt Ion:212 Resp: 15497
Ion Ratio Lower Upper
212 100
106 13.8 13.4 20.2
104 7.9 7.8 11.6





#28

Fluoranthene

Concen: 0.037 ng

RT: 18.913 min Scan# 1929

Delta R.T. -0.002 min

Lab File: BN034056.D

Acq: 19 Sep 2024 18:52

Instrument :

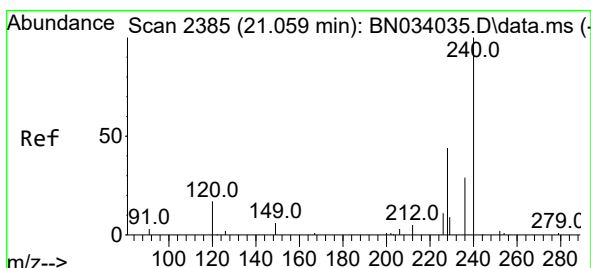
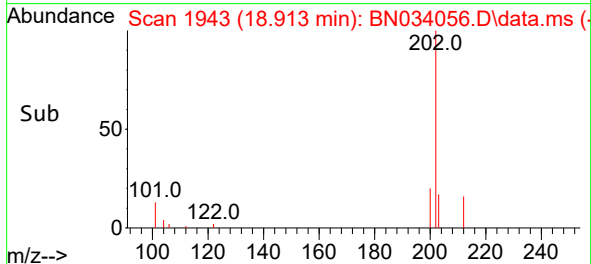
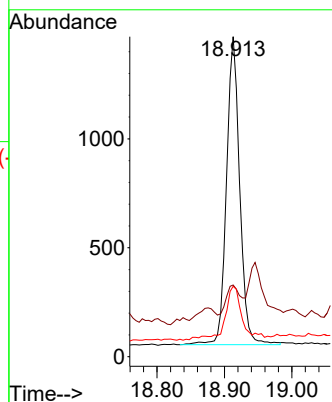
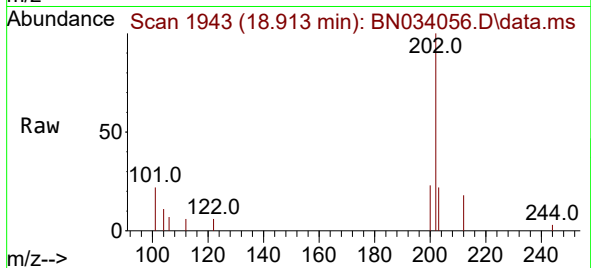
BNA_N

ClientSampleId :

RW7-SP201-20240911

Tgt Ion:202 Resp: 1932

Ion	Ratio	Lower	Upper
202	100		
101	11.6	10.1	15.1
203	23.2	13.6	20.4#



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.062 min Scan# 2400

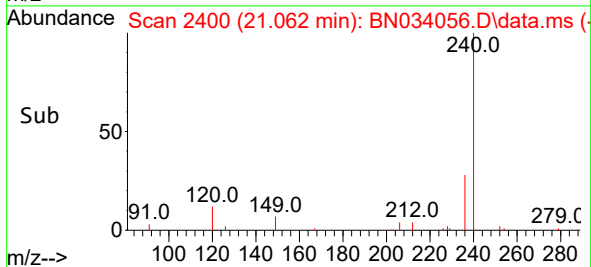
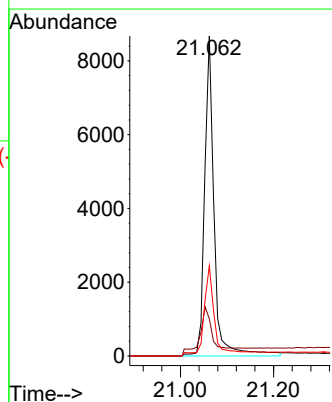
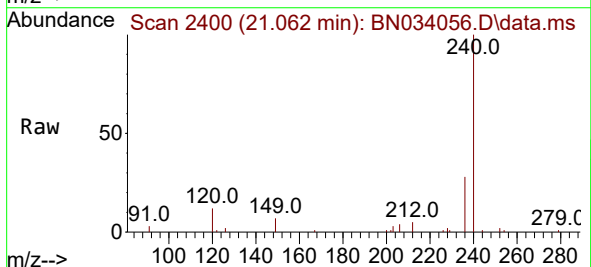
Delta R.T. 0.003 min

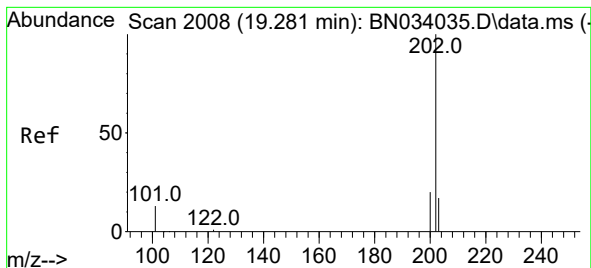
Lab File: BN034056.D

Acq: 19 Sep 2024 18:52

Tgt Ion:240 Resp: 11803

Ion	Ratio	Lower	Upper
240	100		
120	11.6	13.5	20.3#
236	28.2	23.4	35.0





#30

Pyrene

Concen: 0.025 ng

RT: 19.280 min Scan# 2008

Delta R.T. -0.002 min

Lab File: BN034056.D

Acq: 19 Sep 2024 18:52

Instrument :

BNA_N

ClientSampleId :

RW7-SP201-20240911

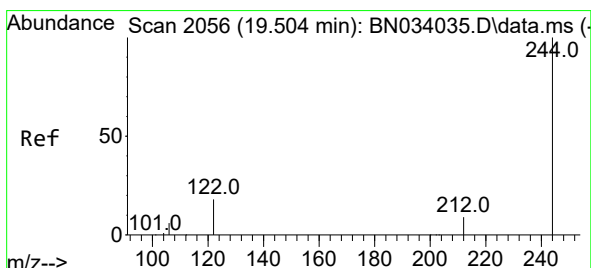
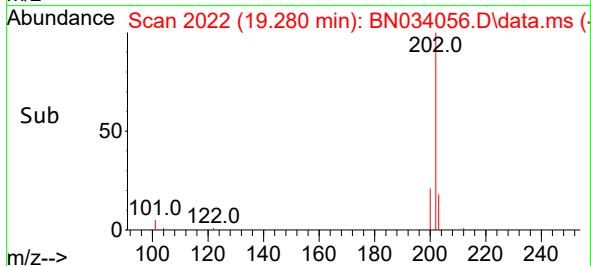
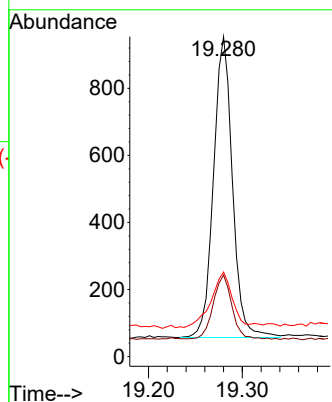
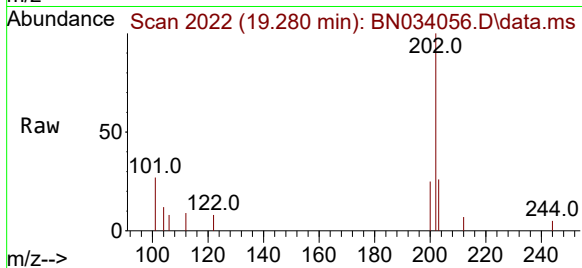
Tgt Ion:202 Resp: 1257

Ion Ratio Lower Upper

202 100

200 21.5 16.6 25.0

203 20.5 14.3 21.5



#31

Terphenyl-d14

Concen: 0.510 ng

RT: 19.503 min Scan# 2070

Delta R.T. -0.002 min

Lab File: BN034056.D

Acq: 19 Sep 2024 18:52

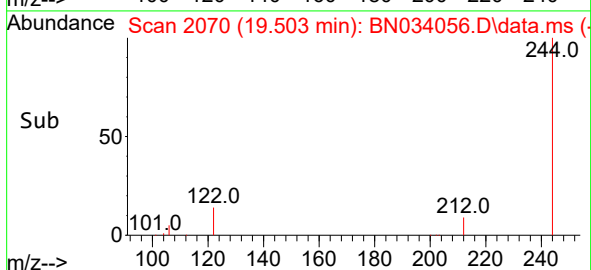
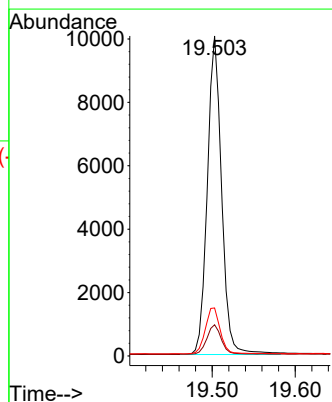
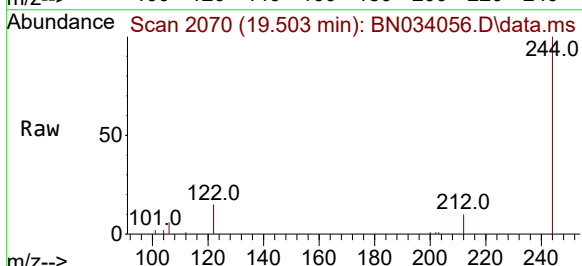
Tgt Ion:244 Resp: 12030

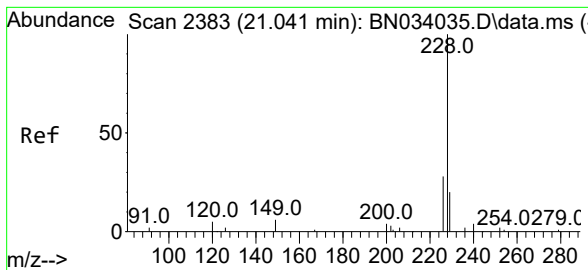
Ion Ratio Lower Upper

244 100

212 9.7 7.8 11.6

122 15.0 14.8 22.2





#32

Benzo(a)anthracene

Concen: 0.021 ng

RT: 21.044 min Scan# 21

Delta R.T. 0.003 min

Lab File: BN034056.D

Acq: 19 Sep 2024 18:52

Instrument :

BNA_N

ClientSampleId :

RW7-SP201-20240911

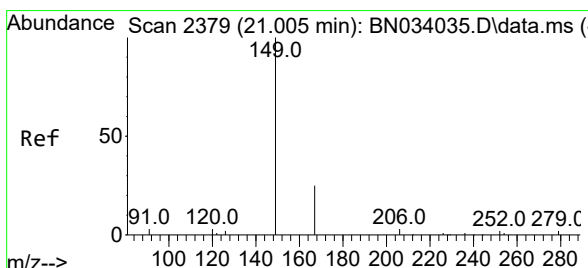
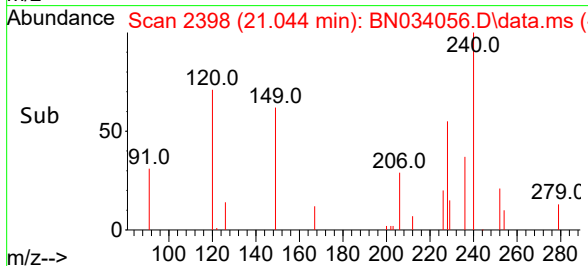
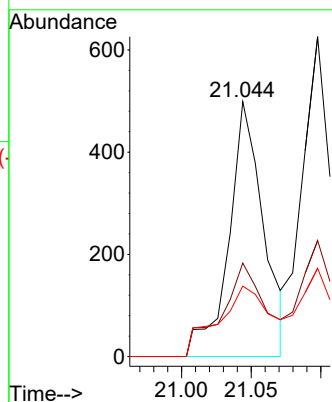
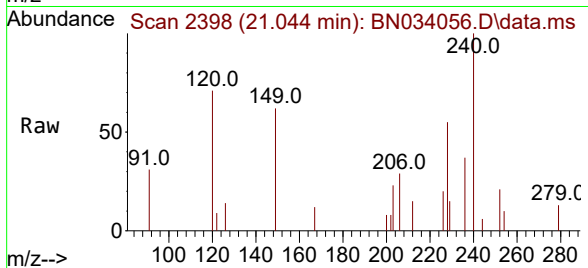
Tgt Ion:228 Resp: 777

Ion Ratio Lower Upper

228 100

226 36.7 22.3 33.5#

229 27.7 15.7 23.5#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.128 ng

RT: 21.008 min Scan# 2394

Delta R.T. 0.003 min

Lab File: BN034056.D

Acq: 19 Sep 2024 18:52

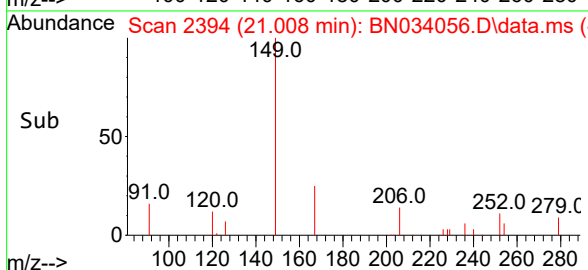
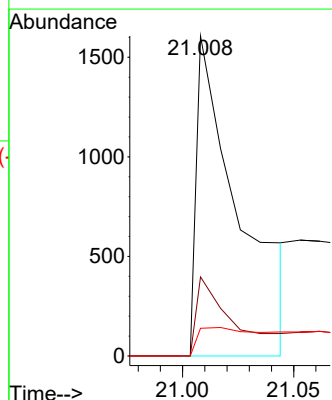
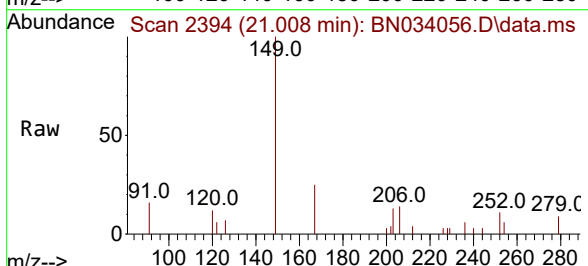
Tgt Ion:149 Resp: 1995

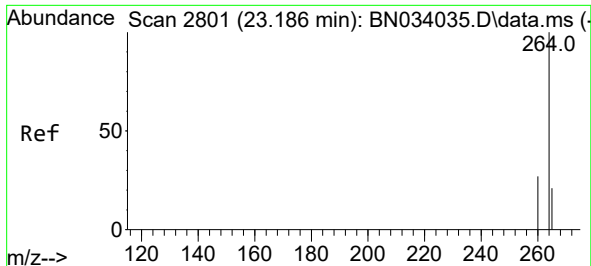
Ion Ratio Lower Upper

149 100

167 19.1 19.9 29.9#

279 11.3 4.6 6.8#

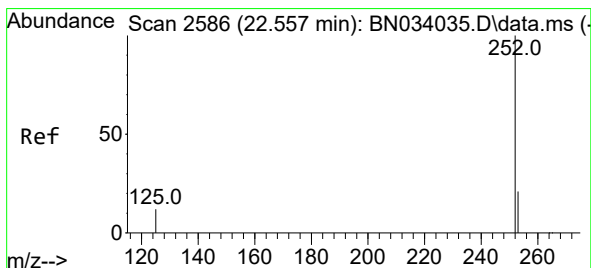
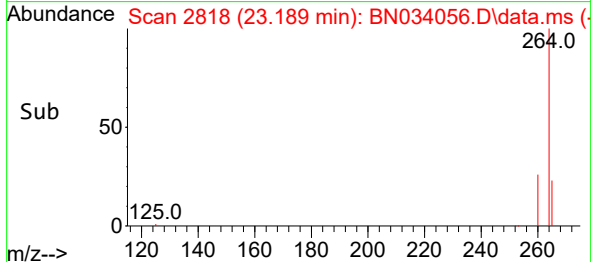
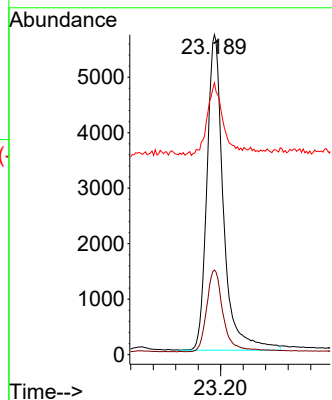
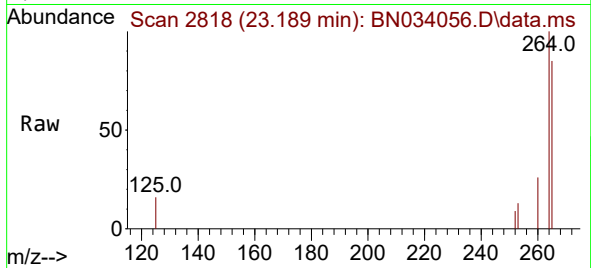




#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.189 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BN034056.D
 Acq: 19 Sep 2024 18:52

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP201-20240911

Tgt Ion:264 Resp: 11557
 Ion Ratio Lower Upper
 264 100
 260 26.4 21.7 32.5
 265 85.0 52.1 78.1#



#37
 Benzo(b)fluoranthene
 Concen: 0.021 ng
 RT: 22.566 min Scan# 2605
 Delta R.T. 0.009 min
 Lab File: BN034056.D
 Acq: 19 Sep 2024 18:52

Tgt Ion:252 Resp: 964
 Ion Ratio Lower Upper
 252 100
 253 77.6 19.6 29.4#
 125 91.5 13.8 20.8#

