

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091924\
 Data File : BN034055.D
 Acq On : 19 Sep 2024 18:15
 Operator : JU/RC
 Sample : P3972-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20240911

Quant Time: Sep 19 18:44:01 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)

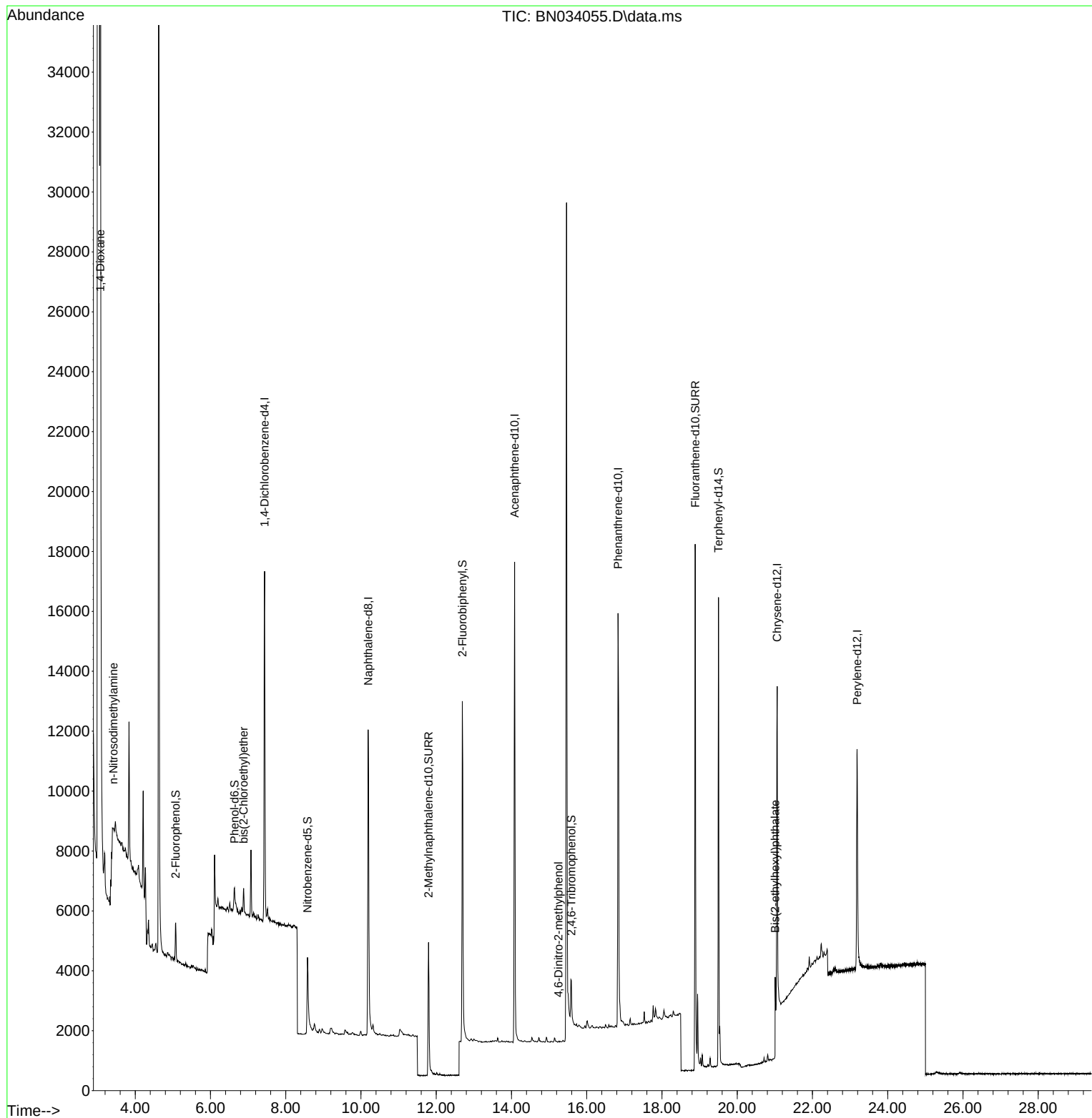
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.438	152	5666	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	15607	0.400	ng	# 0.00
13) Acenaphthene-d10	14.083	164	9040	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	20719	0.400	ng	# 0.00
29) Chrysene-d12	21.062	240	11369	0.400	ng	# 0.00
35) Perylene-d12	23.186	264	10239	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.076	112	1026	0.064	ng	0.00
5) Phenol-d6	6.636	99	864	0.046	ng	0.00
8) Nitrobenzene-d5	8.578	82	3076	0.258	ng	0.00
11) 2-Methylnaphthalene-d10	11.795	152	7038	0.305	ng	0.00
14) 2,4,6-Tribromophenol	15.592	330	1034	0.252	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	11537	0.314	ng	0.00
27) Fluoranthene-d10	18.885	212	20239	0.387	ng	0.00
31) Terphenyl-d14	19.503	244	15010	0.661	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.075	88	23527	3.321	ng	92
3) n-Nitrosodimethylamine	3.422	42	936	0.116	ng	# 1
6) bis(2-Chloroethyl)ether	6.882	93	550	0.033	ng	99
20) 4,6-Dinitro-2-methylph...	15.248	198	8	0.140	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.008	149	1474	0.098	ng	# 89

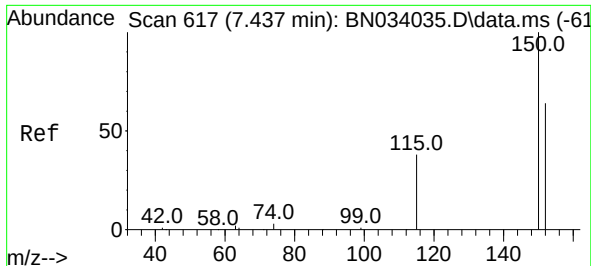
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091924\
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RW7-SP100-20240911

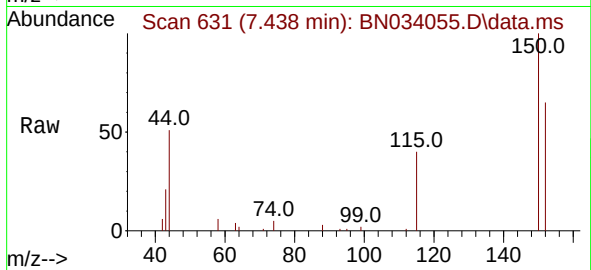
Quant Time: Sep 19 18:44:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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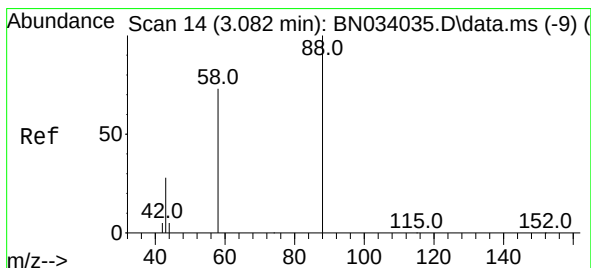
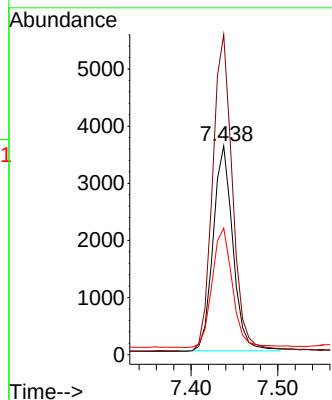
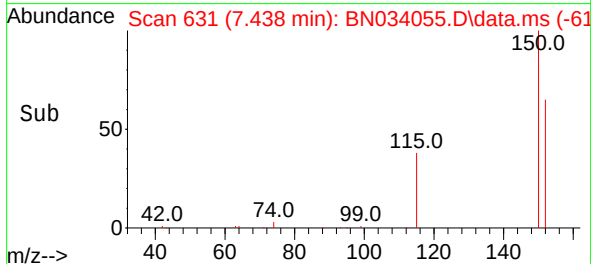


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.438 min Scan# 61
Delta R.T. 0.001 min
Lab File: BN034055.D
Acq: 19 Sep 2024 18:15

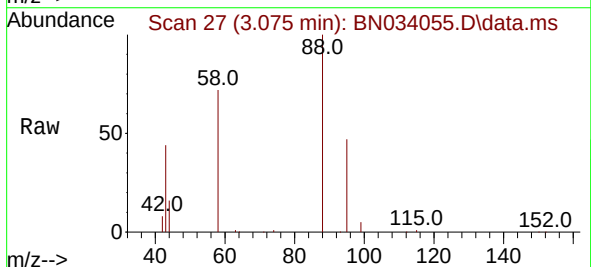
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240911



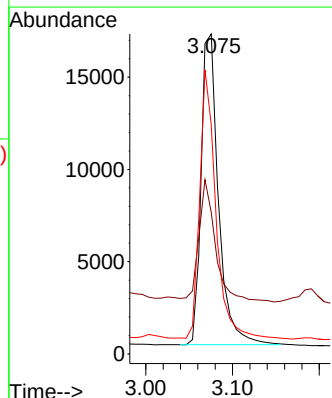
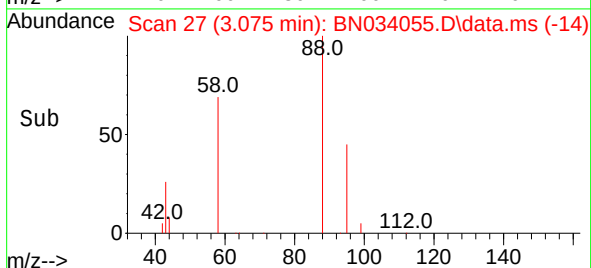
Tgt Ion:152 Resp: 5666
Ion Ratio Lower Upper
152 100
150 153.2 124.6 187.0
115 60.6 50.0 75.0

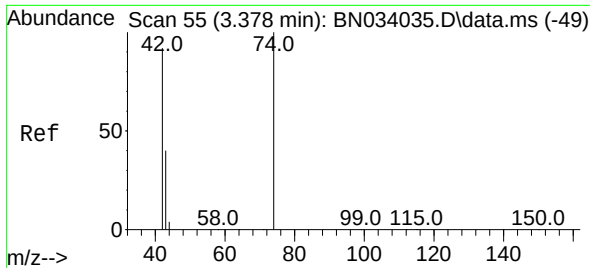


#2
1,4-Dioxane
Concen: 3.321 ng
RT: 3.075 min Scan# 27
Delta R.T. -0.006 min
Lab File: BN034055.D
Acq: 19 Sep 2024 18:15



Tgt Ion: 88 Resp: 23527
Ion Ratio Lower Upper
88 100
43 37.8 25.8 38.8
58 79.3 58.8 88.2

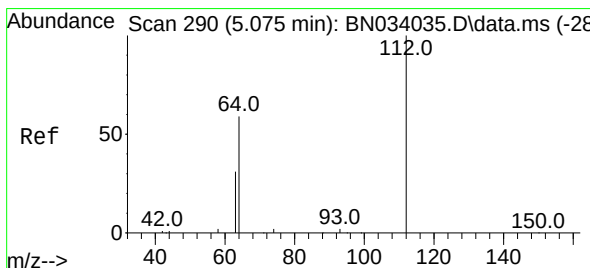
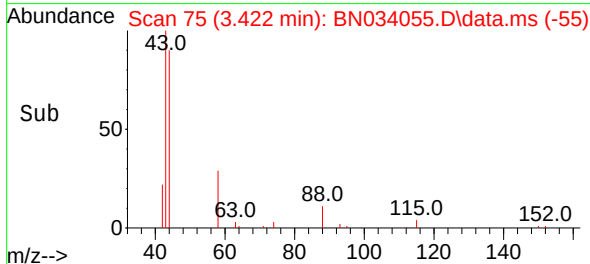
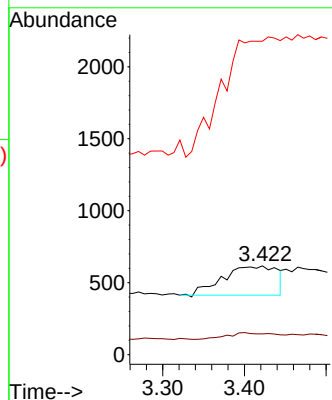
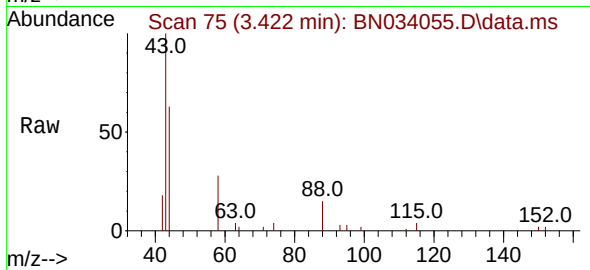




#3
n-Nitrosodimethylamine
Concen: 0.116 ng
RT: 3.422 min Scan# 74
Delta R.T. 0.044 min
Lab File: BN034055.D
Acq: 19 Sep 2024 18:15

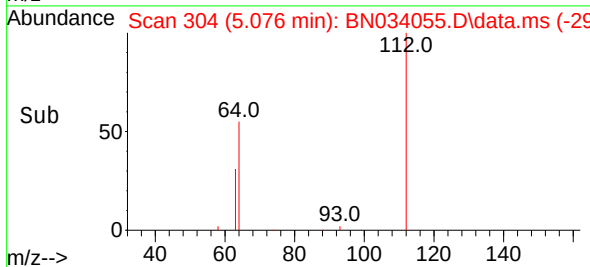
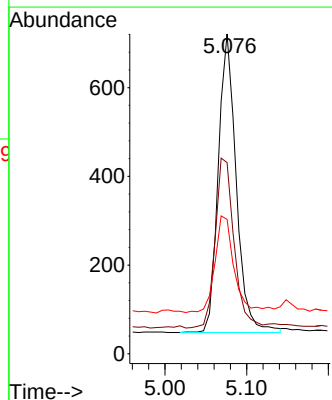
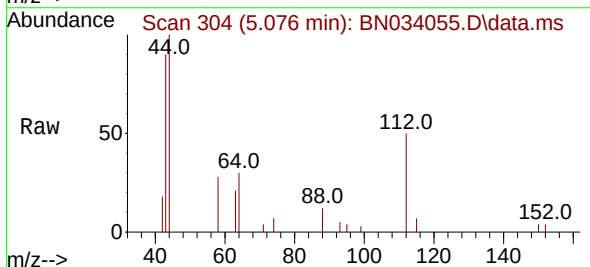
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240911

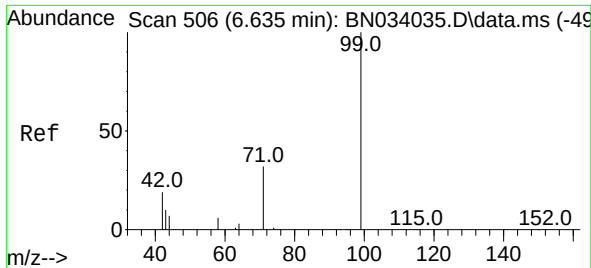
Tgt Ion: 42 Resp: 936
Ion Ratio Lower Upper
42 100
74 0.0 94.6 142.0#
44 428.0 12.4 18.6#



#4
2-Fluorophenol
Concen: 0.064 ng
RT: 5.076 min Scan# 304
Delta R.T. 0.001 min
Lab File: BN034055.D
Acq: 19 Sep 2024 18:15

Tgt Ion: 112 Resp: 1026
Ion Ratio Lower Upper
112 100
64 60.0 48.6 72.8
63 34.2 25.6 38.4

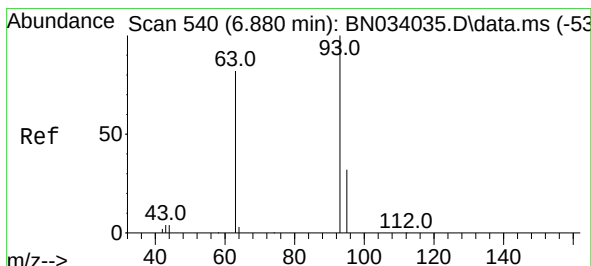
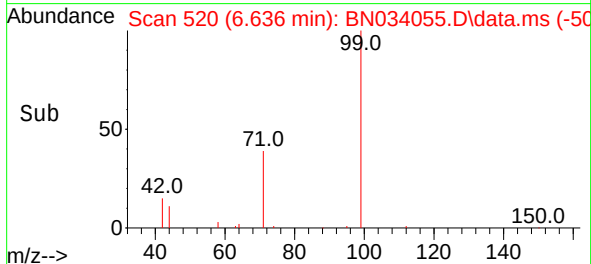
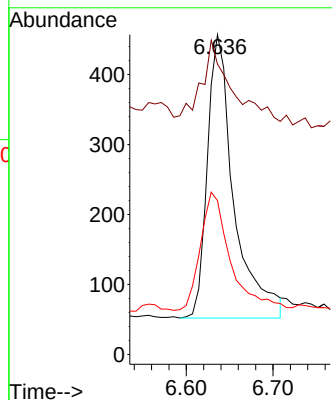
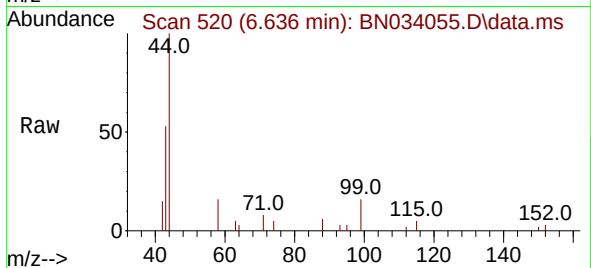




#5
Phenol-d6
Concen: 0.046 ng
RT: 6.636 min Scan# 51
Delta R.T. 0.001 min
Lab File: BN034055.D
Acq: 19 Sep 2024 18:15

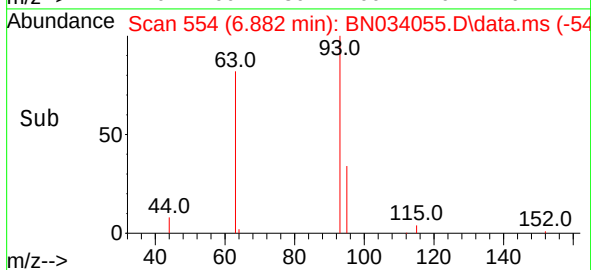
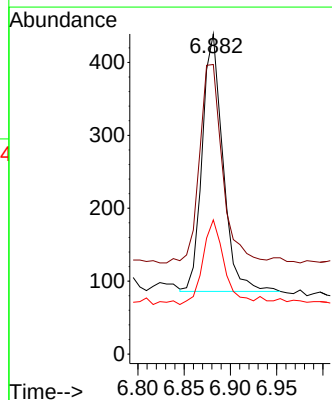
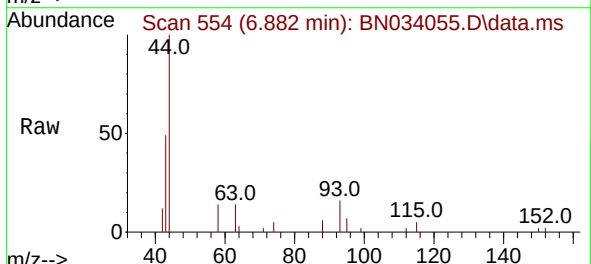
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240911

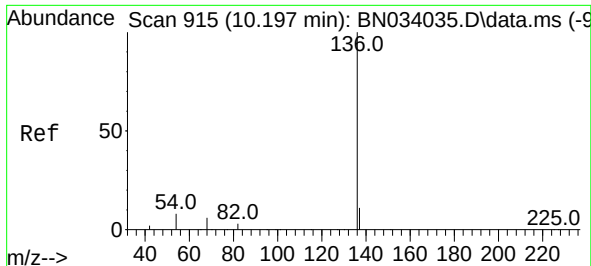
Tgt Ion: 99 Resp: 864
Ion Ratio Lower Upper
99 100
42 31.6 17.8 26.8#
71 46.8 26.2 39.2#



#6
bis(2-Chloroethyl)ether
Concen: 0.033 ng
RT: 6.882 min Scan# 554
Delta R.T. 0.001 min
Lab File: BN034055.D
Acq: 19 Sep 2024 18:15

Tgt Ion: 93 Resp: 550
Ion Ratio Lower Upper
93 100
63 85.5 67.3 100.9
95 33.8 26.8 40.2

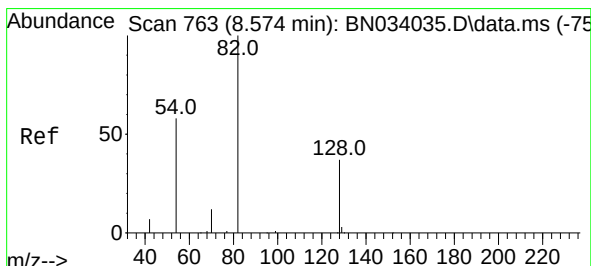
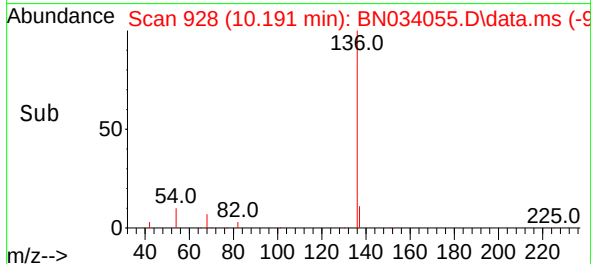
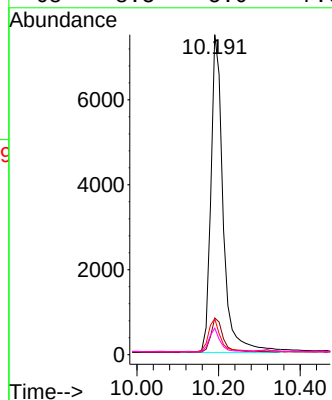
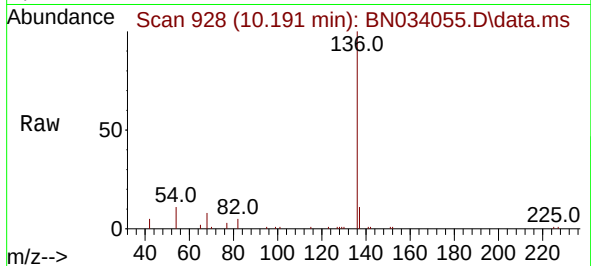




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 915
Delta R.T. -0.006 min
Lab File: BN034055.D
Acq: 19 Sep 2024 18:15

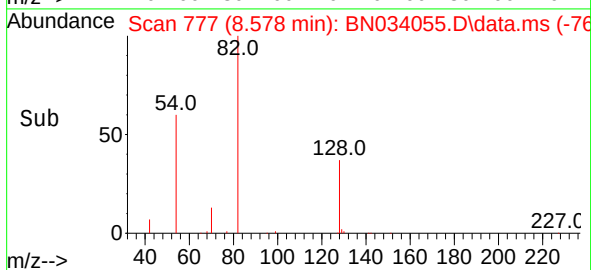
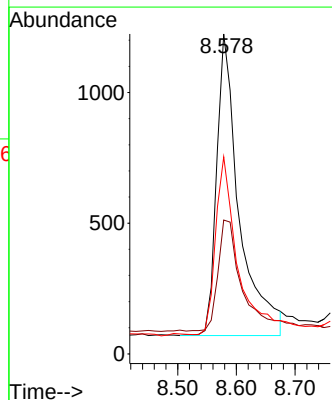
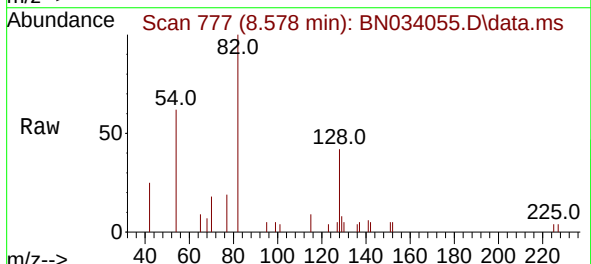
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240911

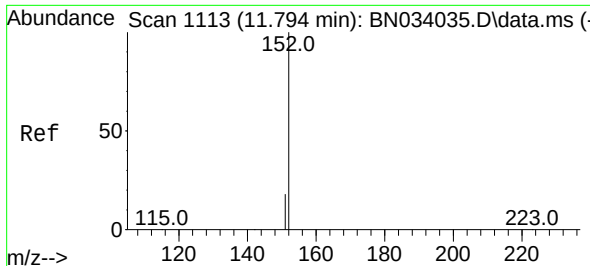
Tgt Ion:	136	Resp:	15607
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.6
54	11.2	6.8	10.2#
68	8.3	5.0	7.6#



#8
Nitrobenzene-d5
Concen: 0.258 ng
RT: 8.578 min Scan# 777
Delta R.T. 0.004 min
Lab File: BN034055.D
Acq: 19 Sep 2024 18:15

Tgt Ion:	82	Resp:	3076
Ion Ratio	Lower	Upper	
82	100		
128	41.8	31.4	47.2
54	61.6	47.4	71.0





#11

2-Methylnaphthalene-d10

Concen: 0.305 ng

RT: 11.795 min Scan# 1113

Delta R.T. 0.001 min

Lab File: BN034055.D

Acq: 19 Sep 2024 18:15

Instrument :

BNA_N

ClientSampleId :

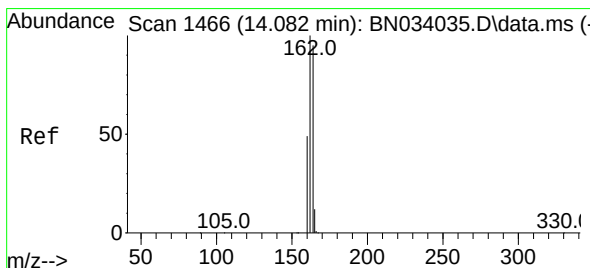
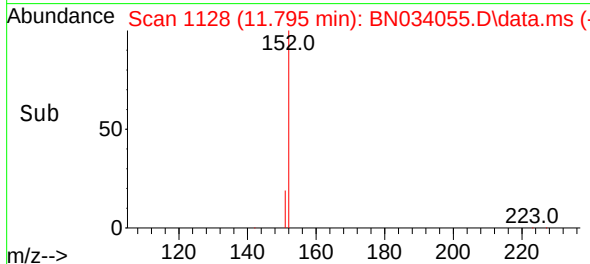
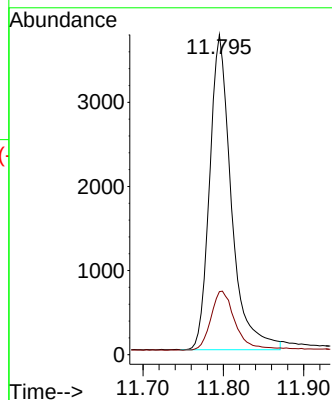
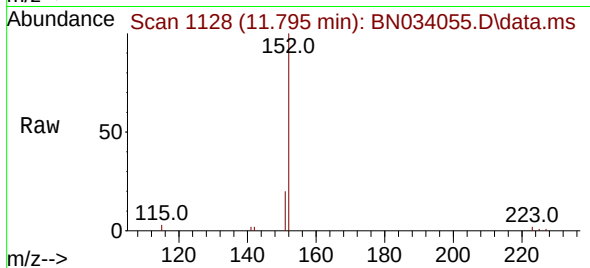
RW7-SP100-20240911

Tgt Ion:152 Resp: 7038

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# 1481

Delta R.T. 0.001 min

Lab File: BN034055.D

Acq: 19 Sep 2024 18:15

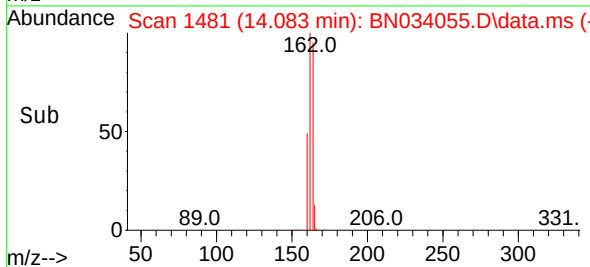
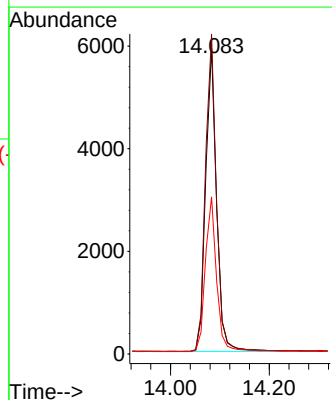
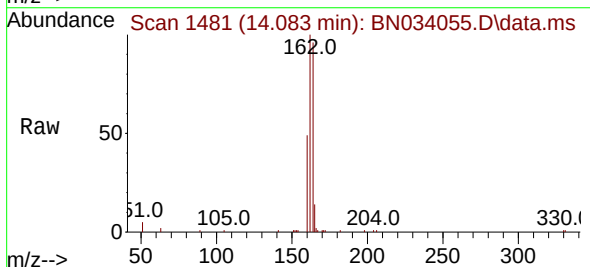
Tgt Ion:164 Resp: 9040

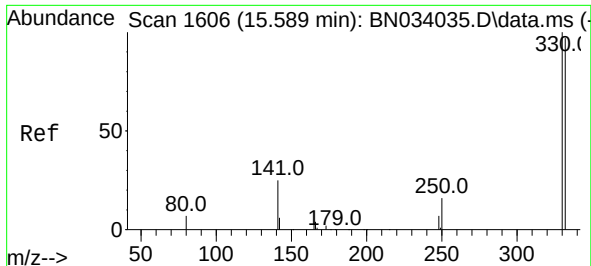
Ion Ratio Lower Upper

164 100

162 104.7 84.2 126.2

160 51.4 41.7 62.5





#14

2,4,6-Tribromophenol

Concen: 0.252 ng

RT: 15.592 min Scan# 1

Delta R.T. 0.003 min

Lab File: BN034055.D

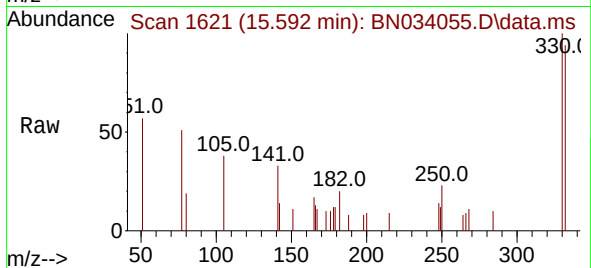
Acq: 19 Sep 2024 18:15

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20240911



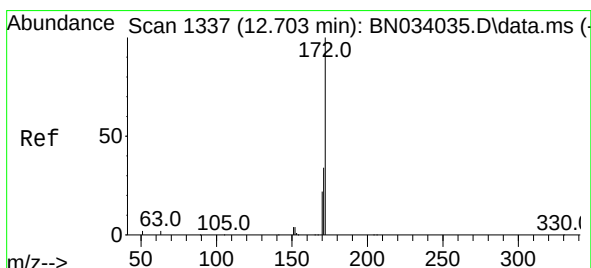
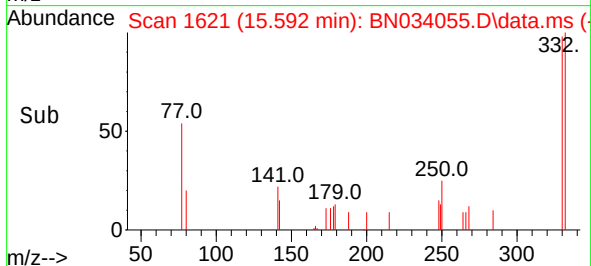
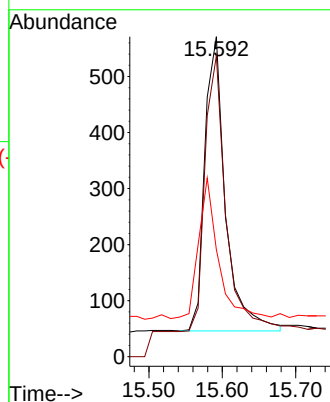
Tgt Ion:330 Resp: 1034

Ion Ratio Lower Upper

330 100

332 94.5 77.4 116.0

141 44.7 35.9 53.9



#15

2-Fluorobiphenyl

Concen: 0.314 ng

RT: 12.693 min Scan# 1351

Delta R.T. -0.009 min

Lab File: BN034055.D

Acq: 19 Sep 2024 18:15

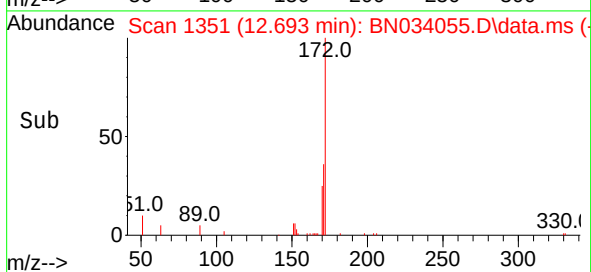
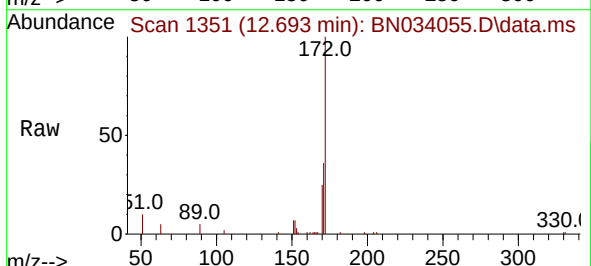
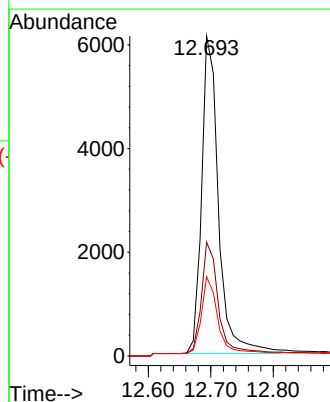
Tgt Ion:172 Resp: 11537

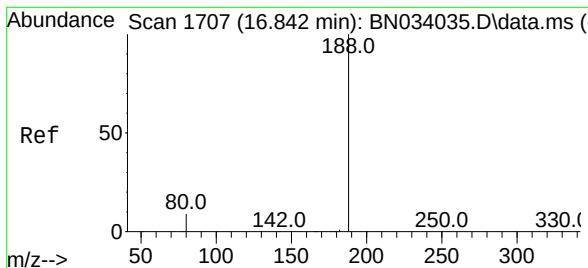
Ion Ratio Lower Upper

172 100

171 35.6 27.3 40.9

170 24.8 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.833 min Scan# 1

Delta R.T. -0.009 min

Lab File: BN034055.D

Acq: 19 Sep 2024 18:15

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20240911

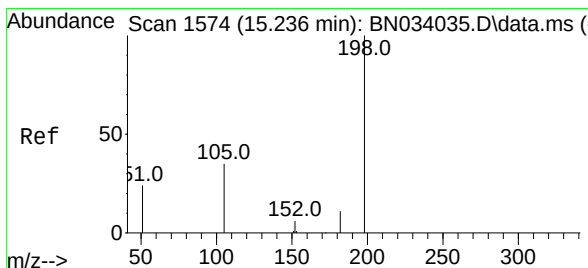
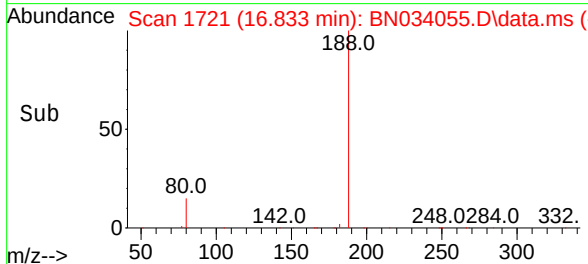
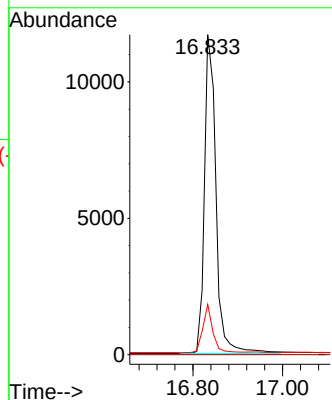
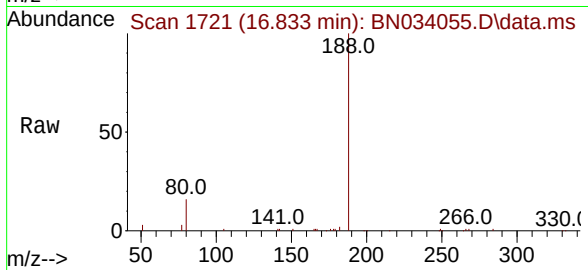
Tgt Ion:188 Resp: 20719

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.7 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.140 ng

RT: 15.248 min Scan# 1590

Delta R.T. 0.012 min

Lab File: BN034055.D

Acq: 19 Sep 2024 18:15

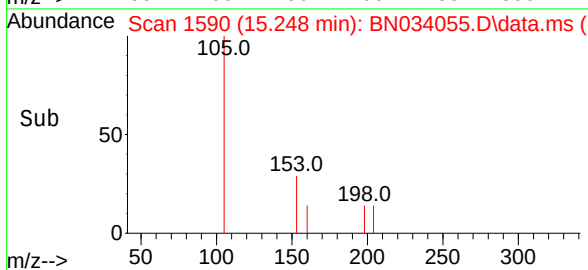
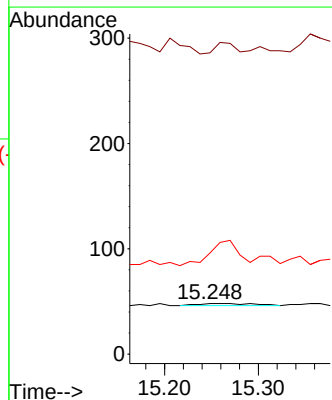
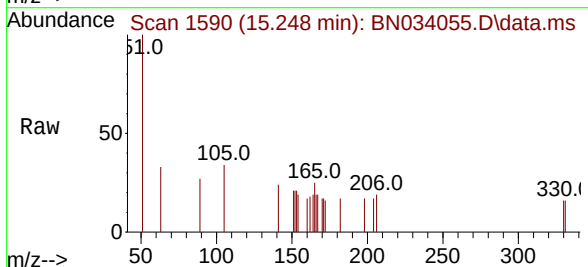
Tgt Ion:198 Resp: 8

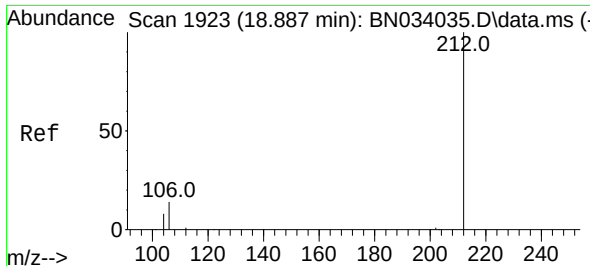
Ion Ratio Lower Upper

198 100

51 595.8 106.4 159.6#

105 200.0 38.5 57.7#

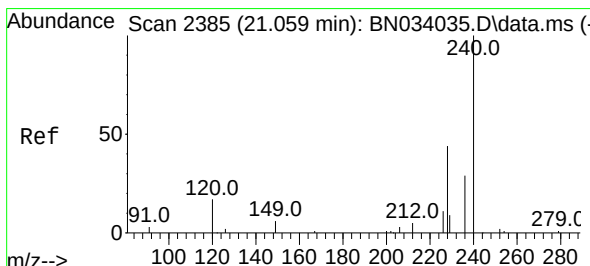
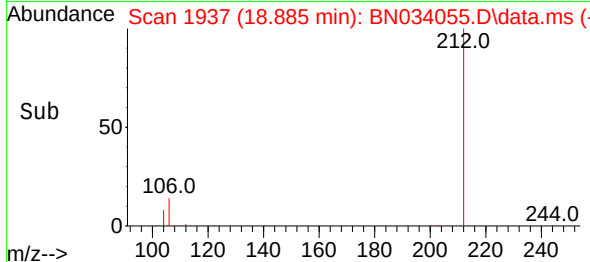
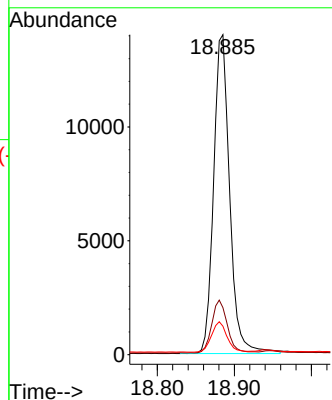
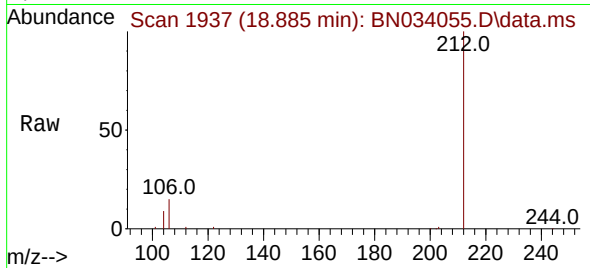




#27
Fluoranthene-d10
Concen: 0.387 ng
RT: 18.885 min Scan# 1923
Delta R.T. -0.002 min
Lab File: BN034055.D
Acq: 19 Sep 2024 18:15

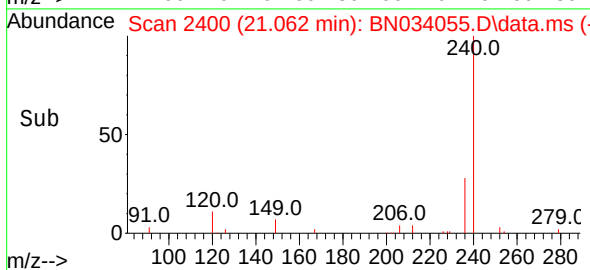
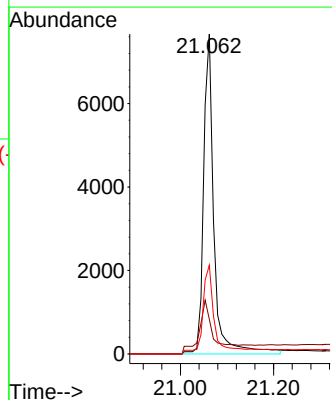
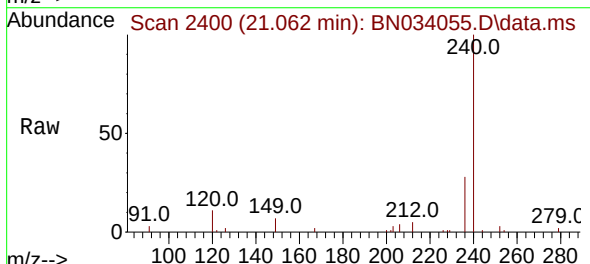
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240911

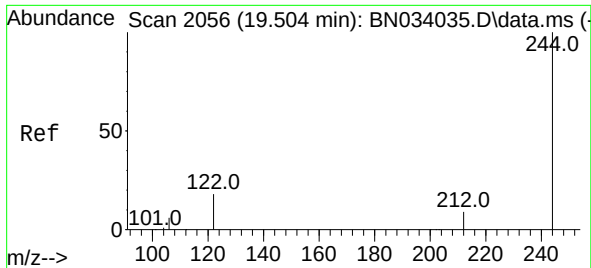
Tgt Ion:212 Resp: 20239
Ion Ratio Lower Upper
212 100
106 16.2 13.4 20.2
104 9.2 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.062 min Scan# 2400
Delta R.T. 0.003 min
Lab File: BN034055.D
Acq: 19 Sep 2024 18:15

Tgt Ion:240 Resp: 11369
Ion Ratio Lower Upper
240 100
120 10.9 13.5 20.3#
236 27.8 23.4 35.0

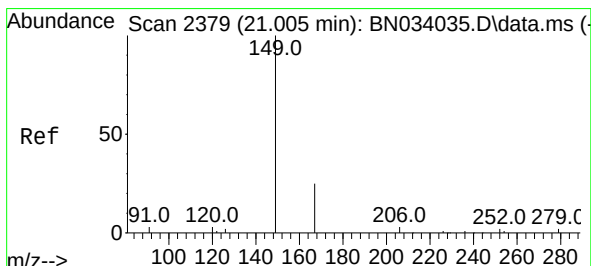
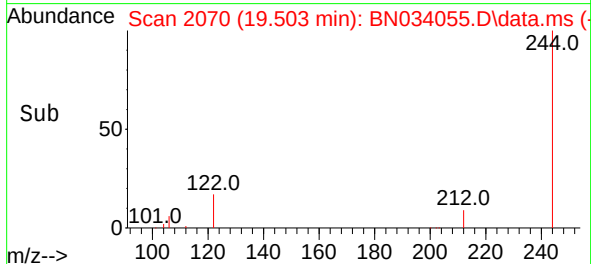
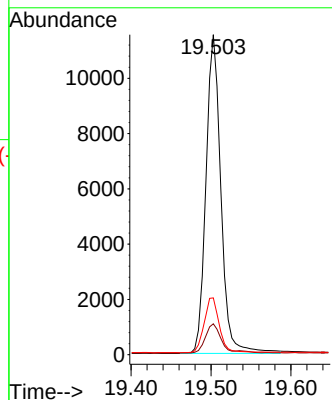
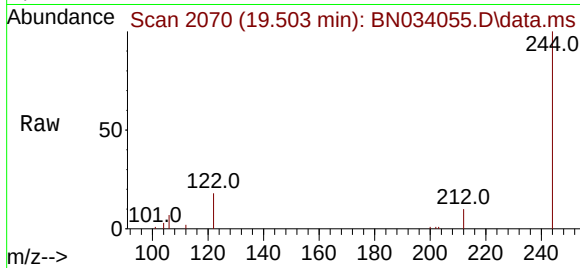




#31
 Terphenyl-d14
 Concen: 0.661 ng
 RT: 19.503 min Scan# 2056
 Delta R.T. -0.002 min
 Lab File: BN034055.D
 Acq: 19 Sep 2024 18:15

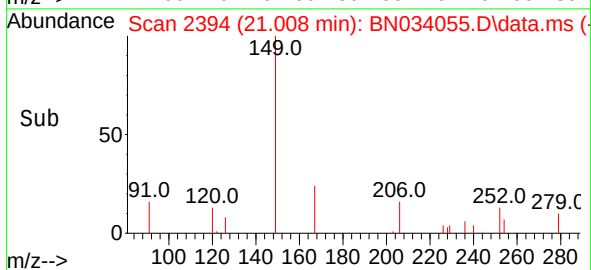
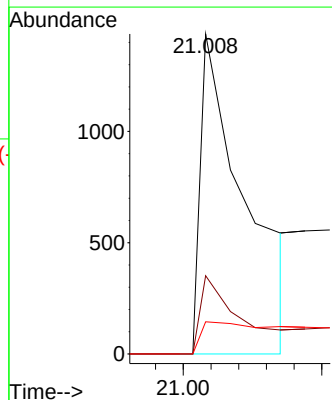
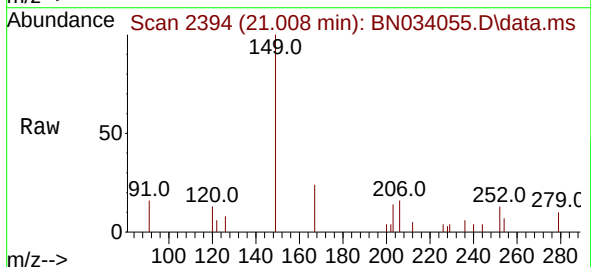
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20240911

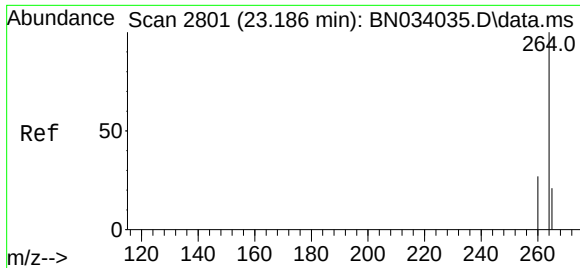
Tgt Ion:244 Resp: 15010
 Ion Ratio Lower Upper
 244 100
 212 9.6 7.8 11.6
 122 17.7 14.8 22.2



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.098 ng
 RT: 21.008 min Scan# 2394
 Delta R.T. 0.003 min
 Lab File: BN034055.D
 Acq: 19 Sep 2024 18:15

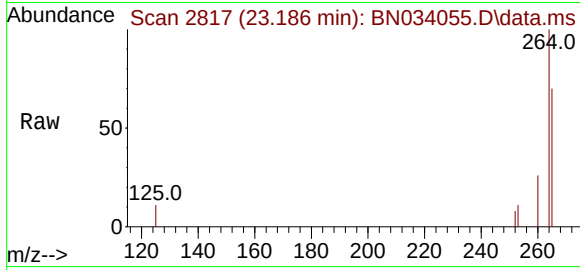
Tgt Ion:149 Resp: 1474
 Ion Ratio Lower Upper
 149 100
 167 22.7 19.9 29.9
 279 19.7 4.6 6.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.186 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN034055.D
Acq: 19 Sep 2024 18:15

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20240911



Tgt Ion:264 Resp: 10239
Ion Ratio Lower Upper
264 100
260 26.0 21.7 32.5
265 69.8 52.1 78.1

