

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091924\
 Data File : BN034057.D
 Acq On : 19 Sep 2024 19:28
 Operator : JU/RC
 Sample : P3972-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20240911

Quant Time: Sep 20 01:51:33 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)

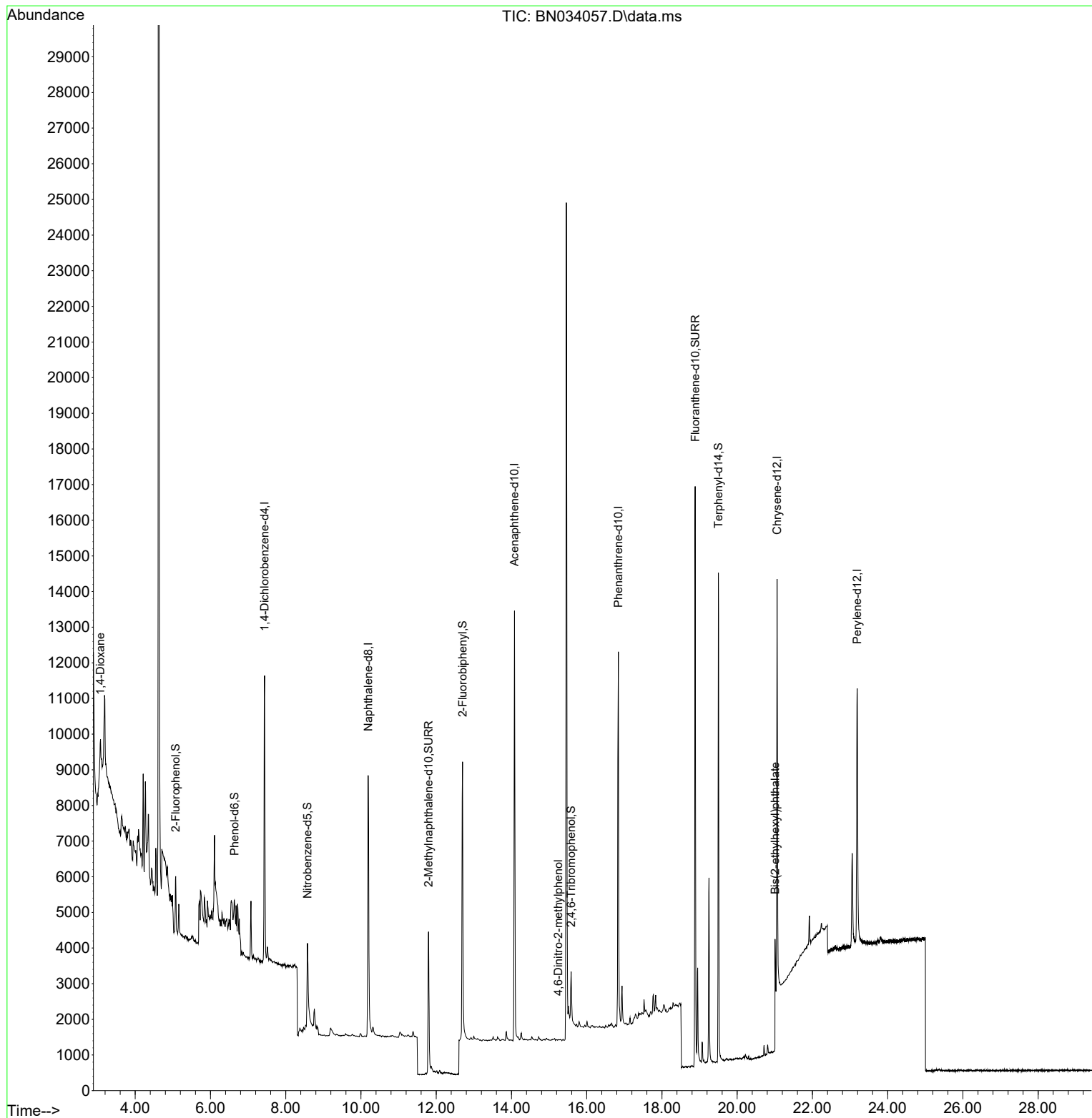
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.438	152	3991	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	11181	0.400	ng	0.00
13) Acenaphthene-d10	14.079	164	6723	0.400	ng	0.00
19) Phenanthrene-d10	16.840	188	14890	0.400	ng	0.00
29) Chrysene-d12	21.060	240	11449	0.400	ng	0.00
35) Perylene-d12	23.189	264	9854	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.076	112	1205	0.106	ng	0.00
5) Phenol-d6	6.636	99	805	0.061	ng	0.00
8) Nitrobenzene-d5	8.579	82	2880	0.337	ng	0.00
11) 2-Methylnaphthalene-d10	11.795	152	6437	0.390	ng	0.00
14) 2,4,6-Tribromophenol	15.586	330	921	0.302	ng	0.00
15) 2-Fluorobiphenyl	12.700	172	8038	0.294	ng	0.00
27) Fluoranthene-d10	18.883	212	17984	0.479	ng	0.00
31) Terphenyl-d14	19.501	244	13027	0.570	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.076	88	664	0.133	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.245	198	3	0.139	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.006	149	2203	0.146	ng	# 90

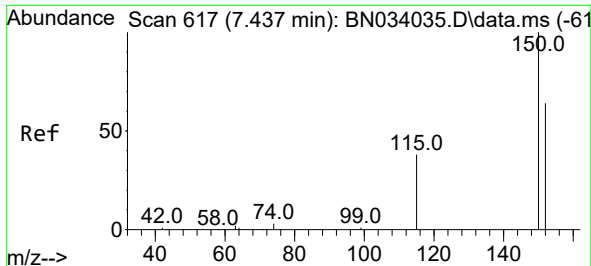
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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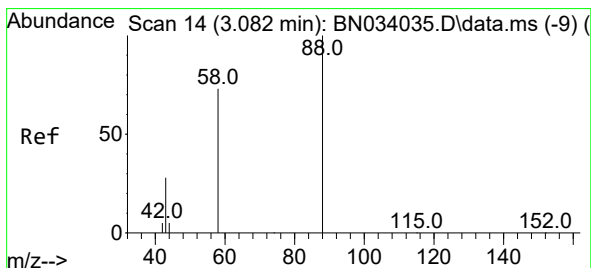
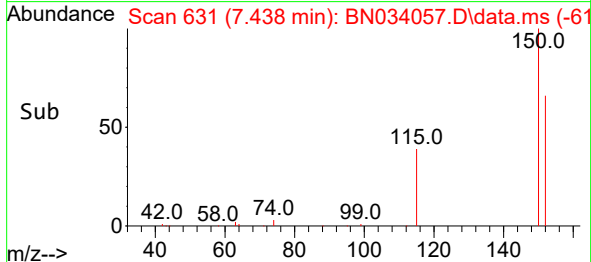
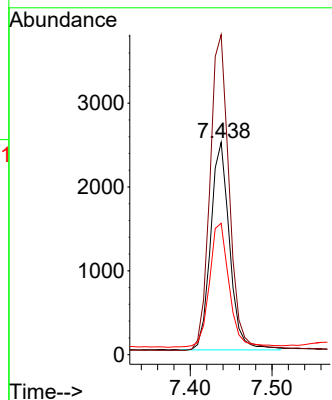
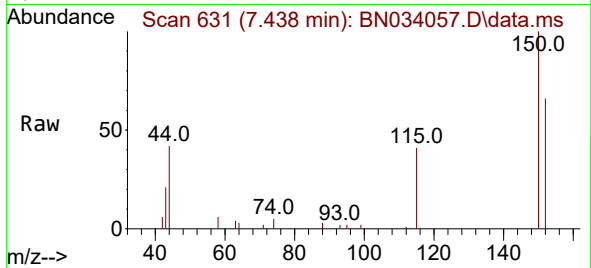




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.438 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: BN034057.D
 Acq: 19 Sep 2024 19:28

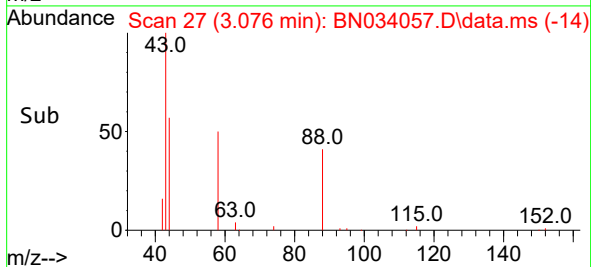
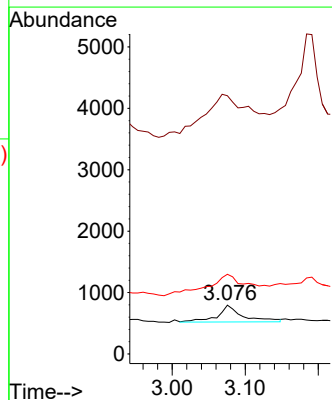
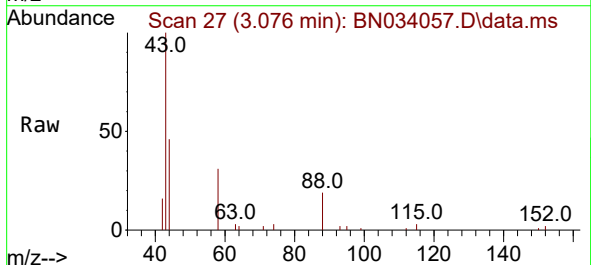
Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP303-20240911

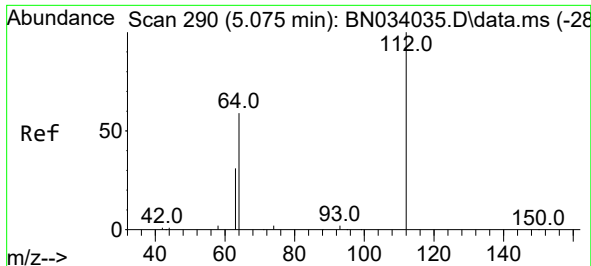
Tgt Ion:152 Resp: 3991
 Ion Ratio Lower Upper
 152 100
 150 150.8 124.6 187.0
 115 61.8 50.0 75.0



#2
 1,4-Dioxane
 Concen: 0.133 ng
 RT: 3.076 min Scan# 27
 Delta R.T. -0.006 min
 Lab File: BN034057.D
 Acq: 19 Sep 2024 19:28

Tgt Ion: 88 Resp: 664
 Ion Ratio Lower Upper
 88 100
 43 388.6 25.8 38.8#
 58 173.2 58.8 88.2#

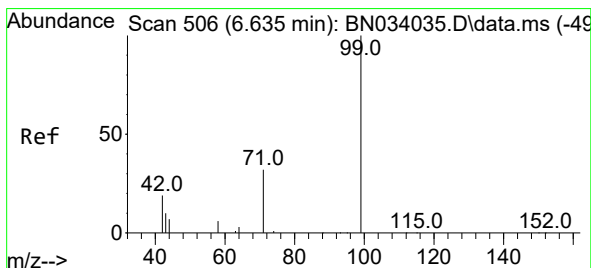
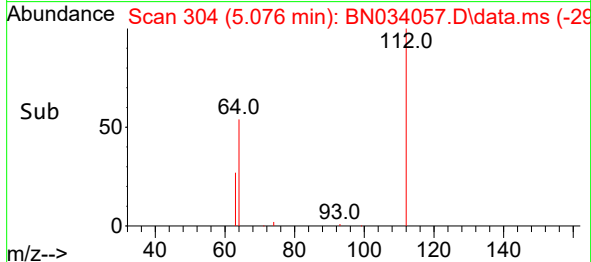
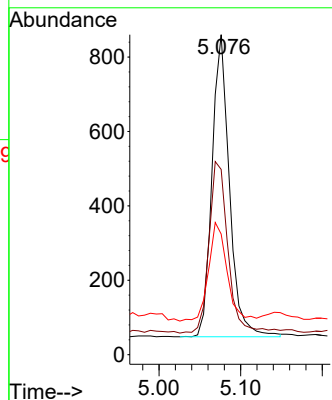
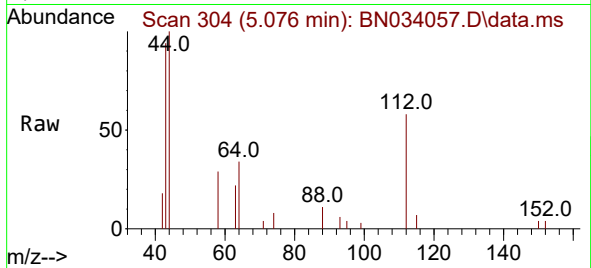




#4
2-Fluorophenol
Concen: 0.106 ng
RT: 5.076 min Scan# 304
Delta R.T. 0.001 min
Lab File: BN034057.D
Acq: 19 Sep 2024 19:28

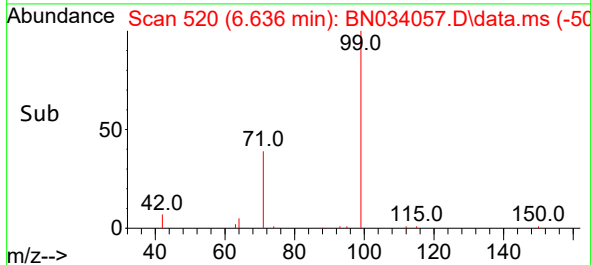
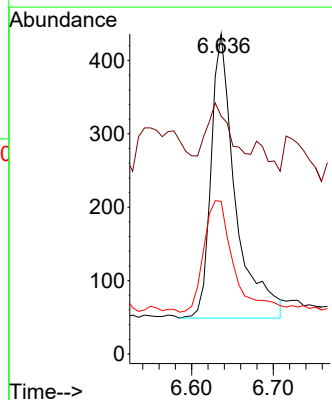
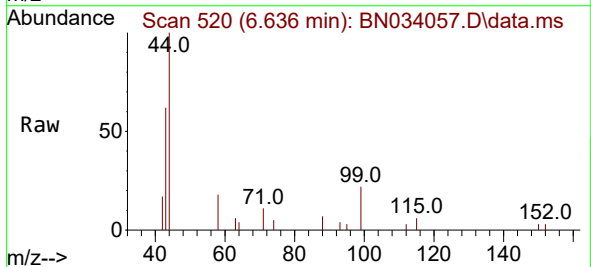
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20240911

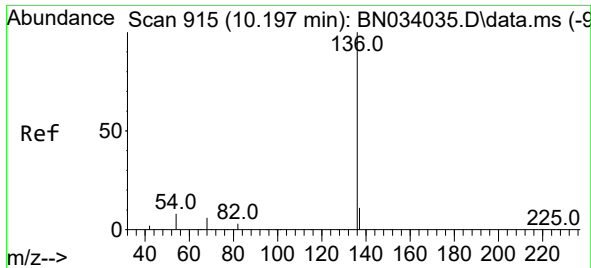
Tgt Ion:112 Resp: 1205
Ion Ratio Lower Upper
112 100
64 61.8 48.6 72.8
63 34.7 25.6 38.4



#5
Phenol-d6
Concen: 0.061 ng
RT: 6.636 min Scan# 520
Delta R.T. 0.001 min
Lab File: BN034057.D
Acq: 19 Sep 2024 19:28

Tgt Ion: 99 Resp: 805
Ion Ratio Lower Upper
99 100
42 17.9 17.8 26.8
71 47.6 26.2 39.2#

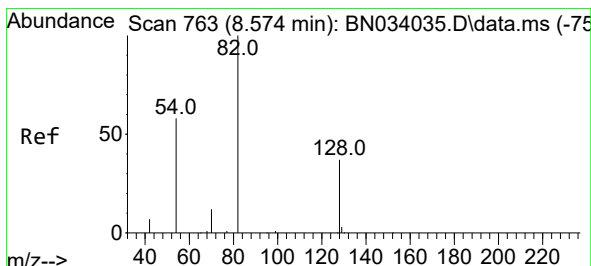
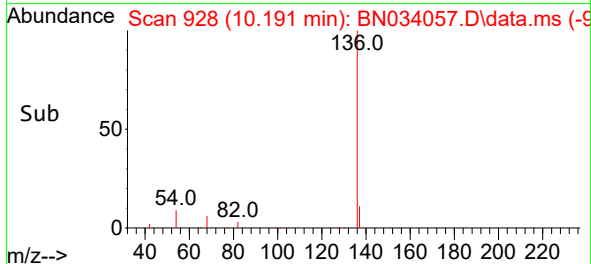
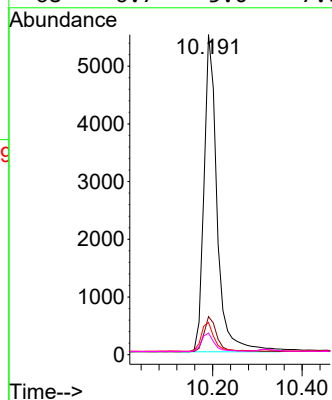
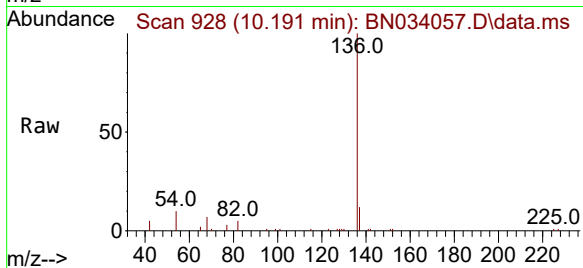




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 915
Delta R.T. -0.006 min
Lab File: BN034057.D
Acq: 19 Sep 2024 19:28

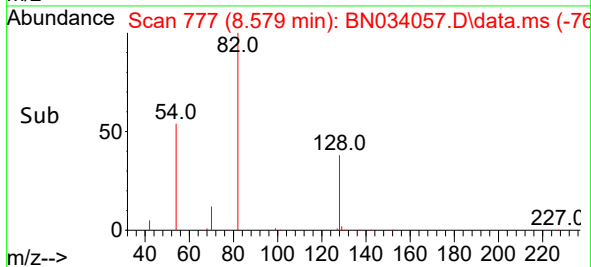
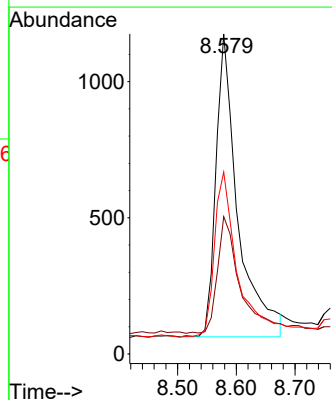
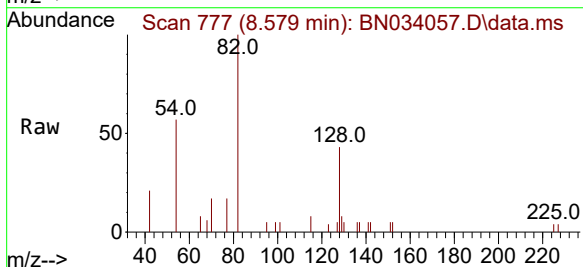
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20240911

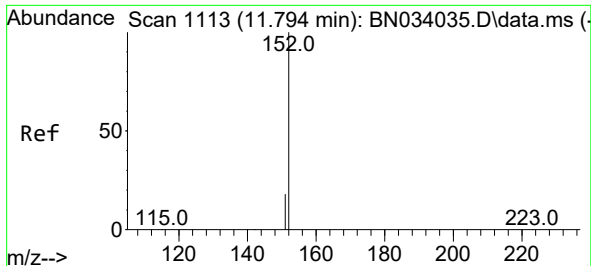
Tgt Ion:	136	Resp:	11181
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.0	13.6
54	10.1	6.8	10.2
68	6.7	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.337 ng
RT: 8.579 min Scan# 777
Delta R.T. 0.005 min
Lab File: BN034057.D
Acq: 19 Sep 2024 19:28

Tgt Ion:	82	Resp:	2880
Ion	Ratio	Lower	Upper
82	100		
128	42.9	31.4	47.2
54	56.9	47.4	71.0

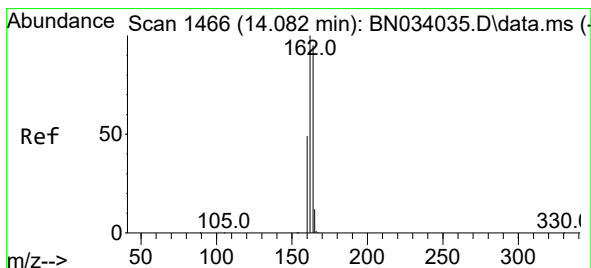
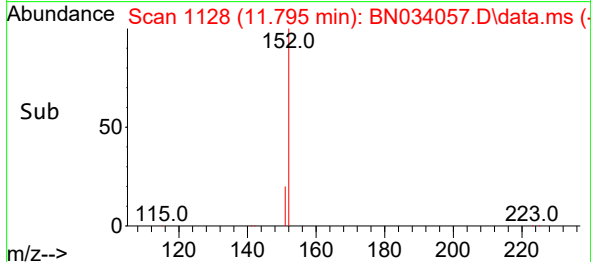
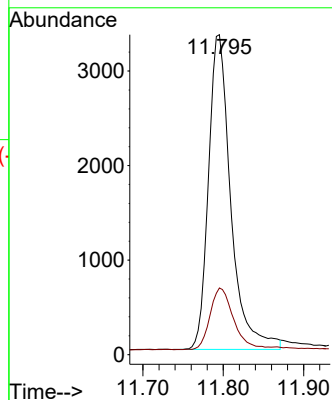
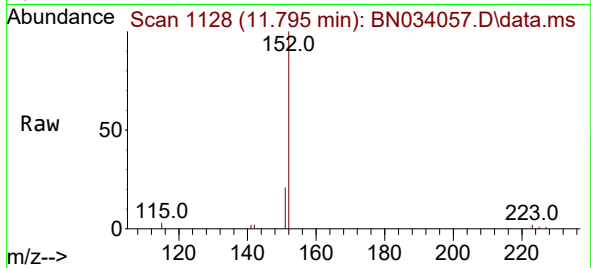




#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 11.795 min Scan# 1113
Delta R.T. 0.002 min
Lab File: BN034057.D
Acq: 19 Sep 2024 19:28

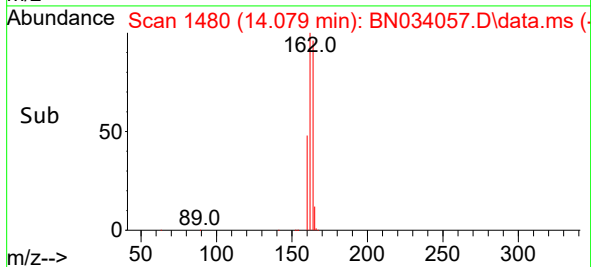
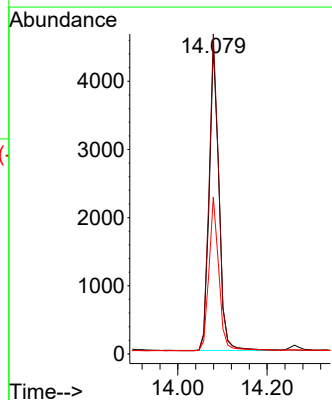
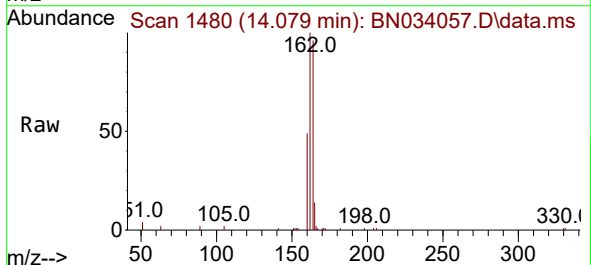
Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20240911

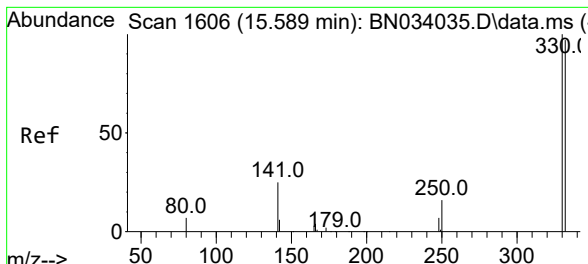
Tgt Ion:152 Resp: 6437
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.079 min Scan# 1480
Delta R.T. -0.002 min
Lab File: BN034057.D
Acq: 19 Sep 2024 19:28

Tgt Ion:164 Resp: 6723
Ion Ratio Lower Upper
164 100
162 103.7 84.2 126.2
160 50.9 41.7 62.5

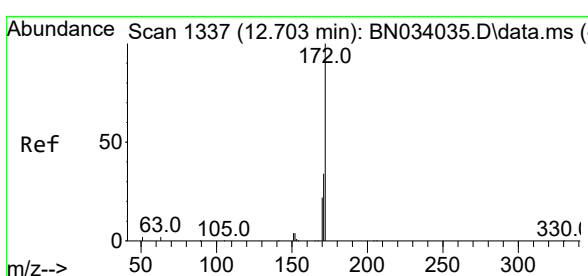
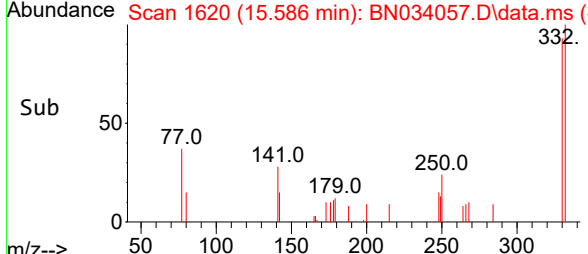
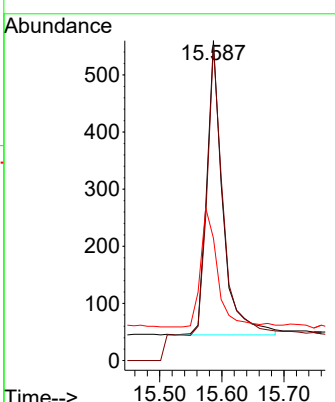
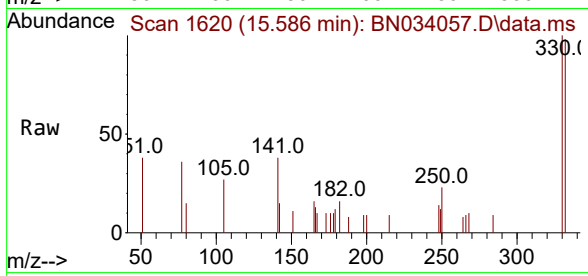




#14
 2,4,6-Tribromophenol
 Concen: 0.302 ng
 RT: 15.586 min Scan# 1
 Delta R.T. -0.002 min
 Lab File: BN034057.D
 Acq: 19 Sep 2024 19:28

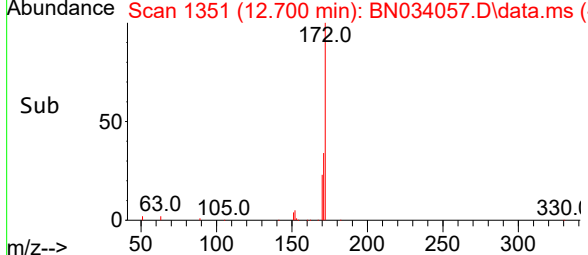
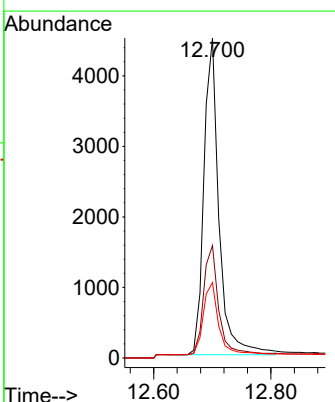
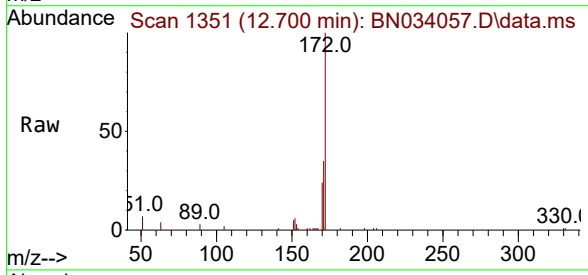
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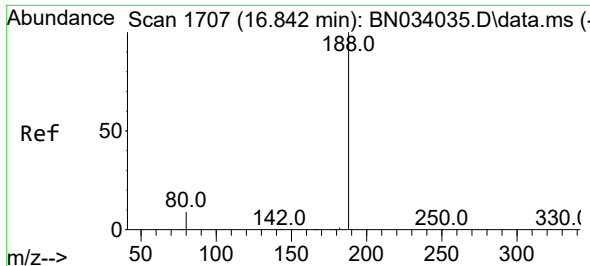
Tgt Ion:	330	Resp:	921
Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.4	116.0
141	43.1	35.9	53.9



#15
 2-Fluorobiphenyl
 Concen: 0.294 ng
 RT: 12.700 min Scan# 1351
 Delta R.T. -0.002 min
 Lab File: BN034057.D
 Acq: 19 Sep 2024 19:28

Tgt Ion:	172	Resp:	8038
Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.3	40.9
170	23.5	18.1	27.1

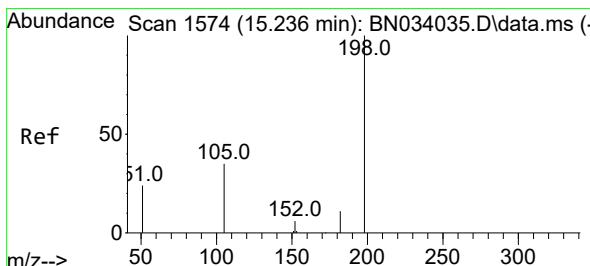
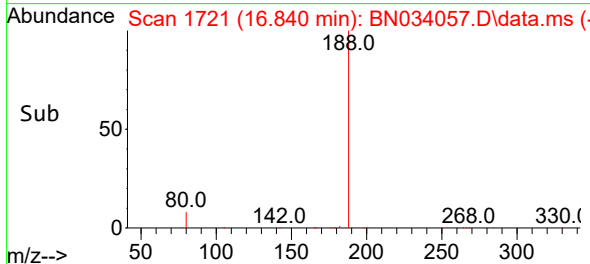
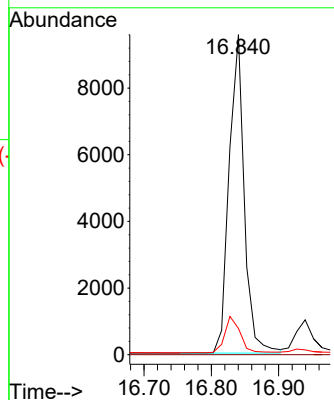
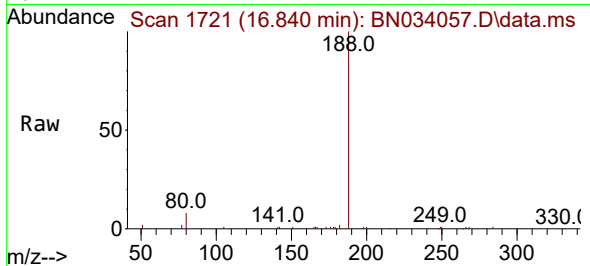




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.840 min Scan# 11
Delta R.T. -0.002 min
Lab File: BN034057.D
Acq: 19 Sep 2024 19:28

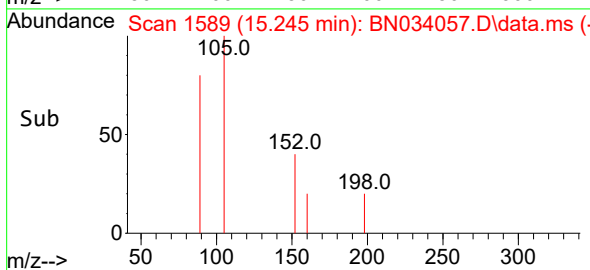
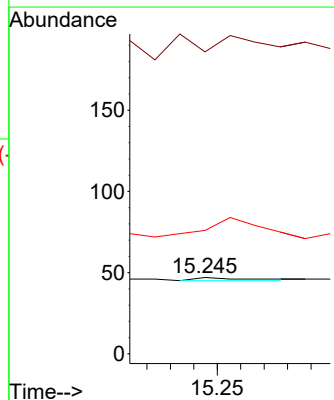
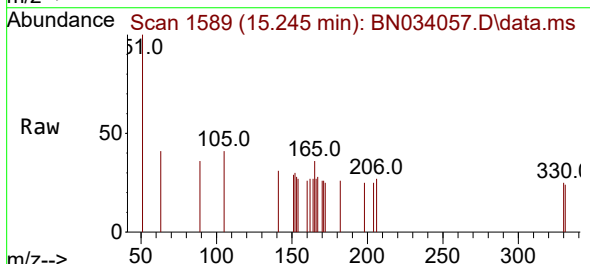
Instrument :
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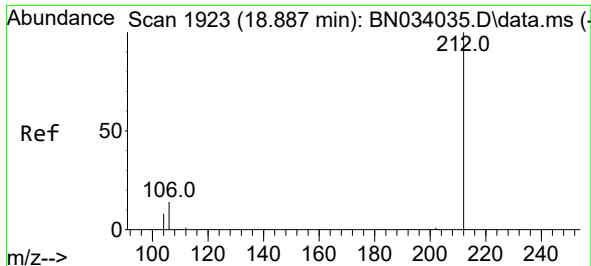
Tgt Ion:188 Resp: 14890
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 7.4 11.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.139 ng
RT: 15.245 min Scan# 1589
Delta R.T. 0.009 min
Lab File: BN034057.D
Acq: 19 Sep 2024 19:28

Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 395.7 106.4 159.6#
105 161.7 38.5 57.7#

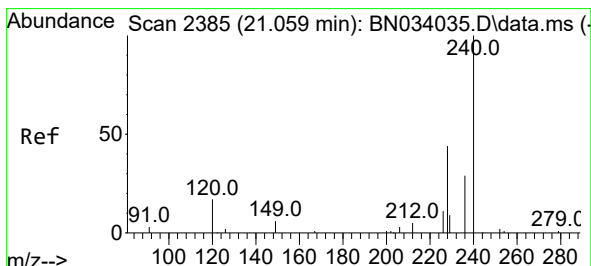
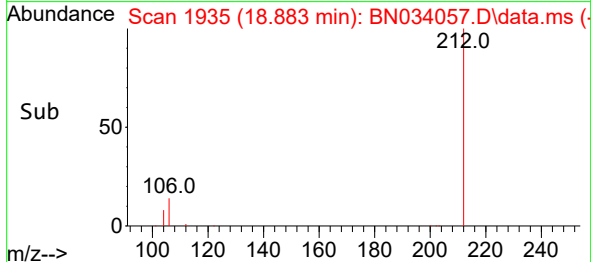
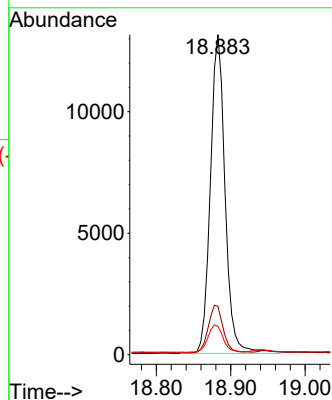
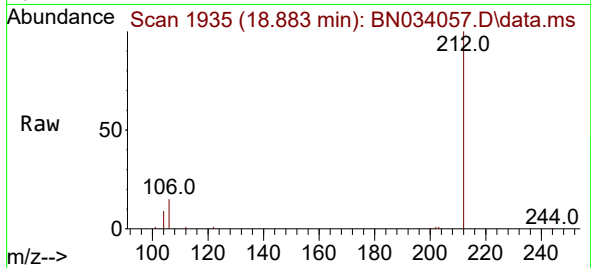




#27
Fluoranthene-d10
Concen: 0.479 ng
RT: 18.883 min Scan# 1923
Delta R.T. -0.004 min
Lab File: BN034057.D
Acq: 19 Sep 2024 19:28

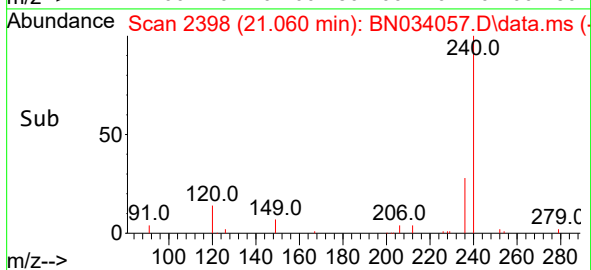
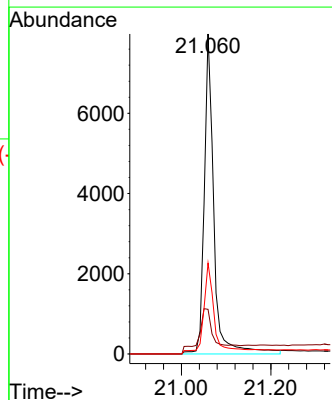
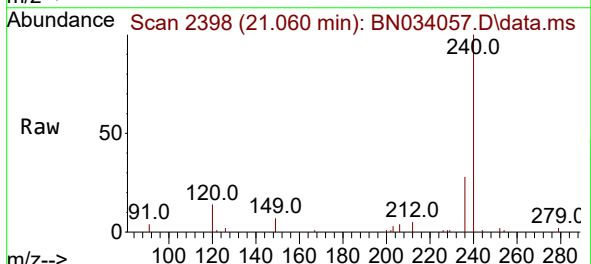
Instrument :
BNA_N
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RW7-SP303-20240911

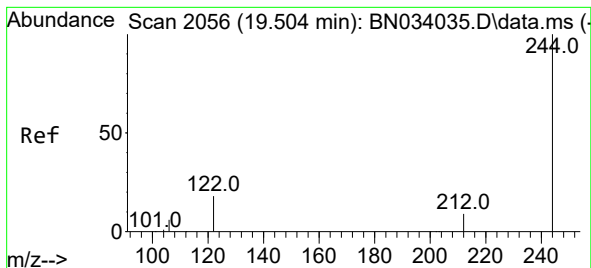
Tgt Ion:212 Resp: 17984
Ion Ratio Lower Upper
212 100
106 15.2 13.4 20.2
104 8.9 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.060 min Scan# 2398
Delta R.T. 0.001 min
Lab File: BN034057.D
Acq: 19 Sep 2024 19:28

Tgt Ion:240 Resp: 11449
Ion Ratio Lower Upper
240 100
120 14.0 13.5 20.3
236 28.4 23.4 35.0





#31

Terphenyl-d14

Concen: 0.570 ng

RT: 19.501 min Scan# 2056

Delta R.T. -0.004 min

Lab File: BN034057.D

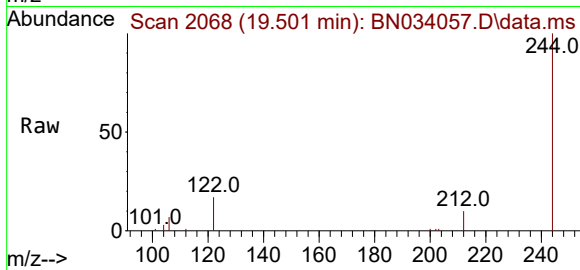
Acq: 19 Sep 2024 19:28

Instrument :

BNA_N

ClientSampleId :

RW7-SP303-20240911



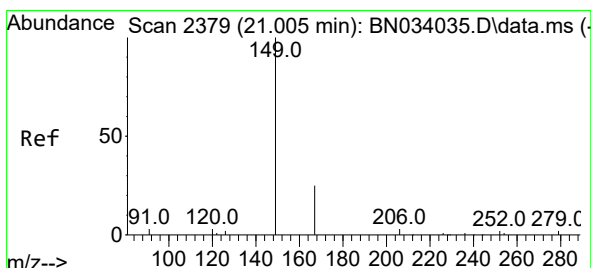
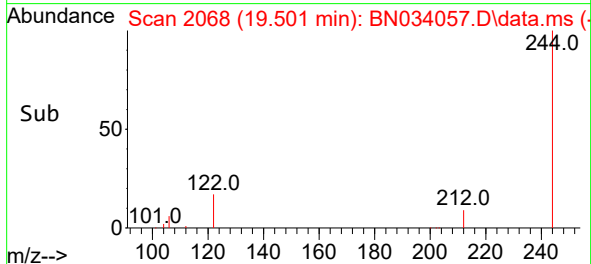
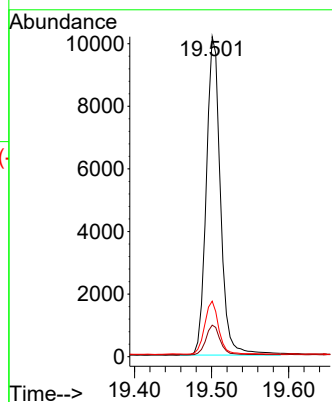
Tgt Ion:244 Resp: 13027

Ion Ratio Lower Upper

244 100

212 9.9 7.8 11.6

122 17.3 14.8 22.2



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.146 ng

RT: 21.006 min Scan# 2392

Delta R.T. 0.001 min

Lab File: BN034057.D

Acq: 19 Sep 2024 19:28

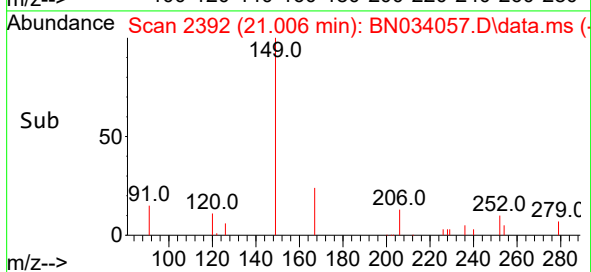
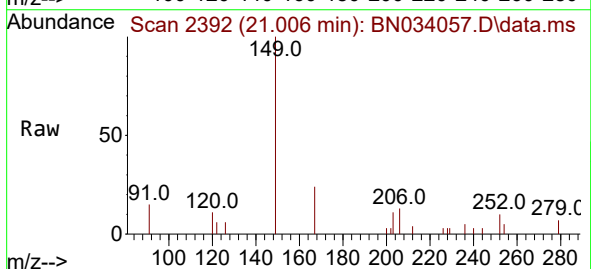
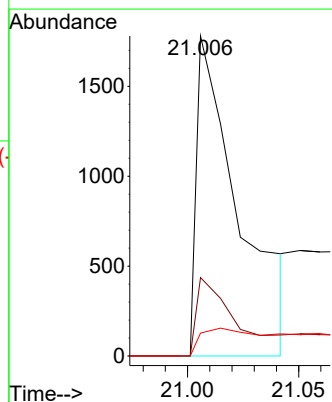
Tgt Ion:149 Resp: 2203

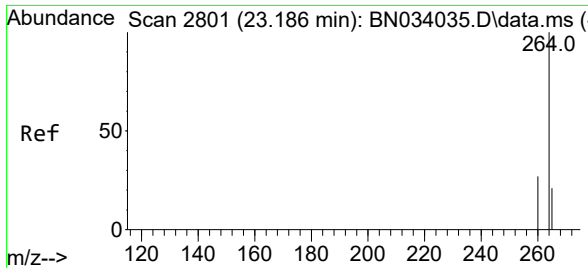
Ion Ratio Lower Upper

149 100

167 20.1 19.9 29.9

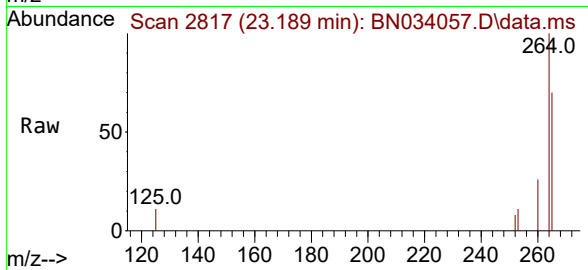
279 10.4 4.6 6.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.189 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN034057.D
Acq: 19 Sep 2024 19:28

Instrument :
BNA_N
ClientSampleId :
RW7-SP303-20240911



Tgt Ion:264 Resp: 9854
Ion Ratio Lower Upper
264 100
260 26.0 21.7 32.5
265 70.0 52.1 78.1

