

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071425\
 Data File : BN037485.D
 Acq On : 14 Jul 2025 10:26
 Operator : RC/JU
 Sample : Q2488-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20250701

Quant Time: Jul 14 10:56:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 11 15:38:34 2025
 Response via : Initial Calibration

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

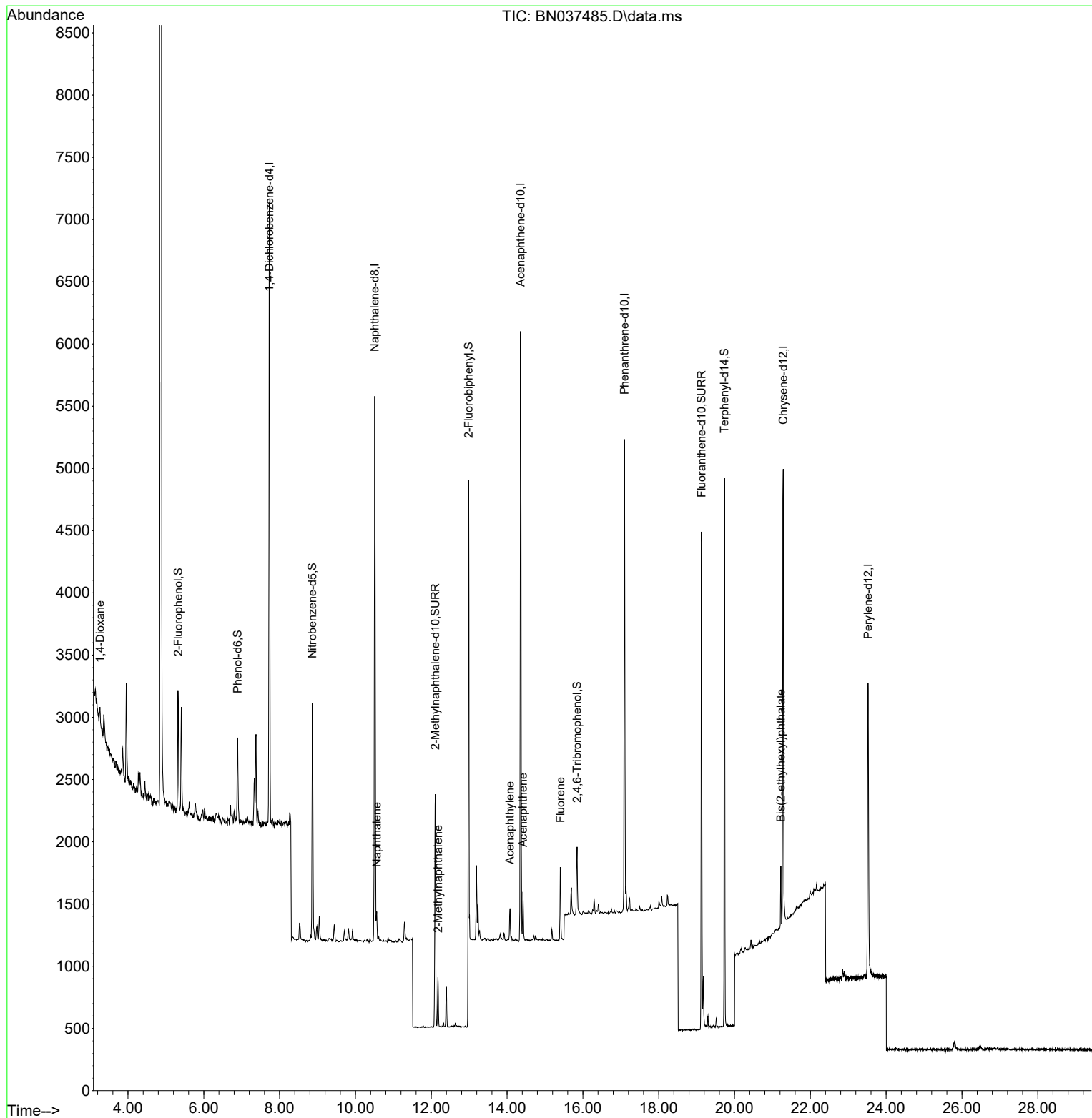
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	2365	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	5646	0.400	ng	# 0.00
13) Acenaphthene-d10	14.355	164	2637	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	4838	0.400	ng	# 0.00
29) Chrysene-d12	21.286	240	3617	0.400	ng	# 0.00
35) Perylene-d12	23.522	264	3162	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.327	112	798	0.145	ng	0.00
5) Phenol-d6	6.894	99	600	0.087	ng	0.00
8) Nitrobenzene-d5	8.864	82	1410	0.344	ng	0.00
11) 2-Methylnaphthalene-d10	12.106	152	2457	0.320	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	310	0.347	ng	0.00
15) 2-Fluorobiphenyl	12.988	172	5122	0.340	ng	0.00
27) Fluoranthene-d10	19.132	212	4551	0.373	ng	0.00
31) Terphenyl-d14	19.736	244	3986	0.528	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.261	88	82	0.037	ng	# 1
9) Naphthalene	10.562	128	308	0.020	ng	# 61
12) 2-Methylnaphthalene	12.177	142	276	0.029	ng	# 90
16) Acenaphthylene	14.077	152	262	0.022	ng	95
17) Acenaphthene	14.420	154	173	0.021	ng	95
18) Fluorene	15.403	166	264	0.026	ng	98
34) Bis(2-ethylhexyl)phtha...	21.223	149	440	0.106	ng	98

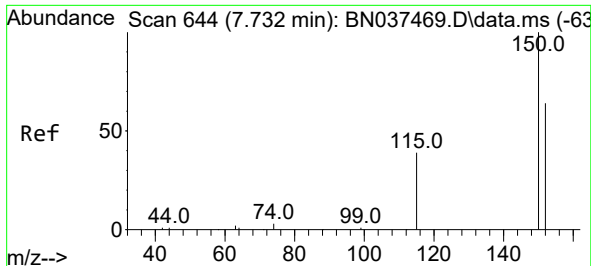
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071425\
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BNA_N
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RW8-SP100-20250701

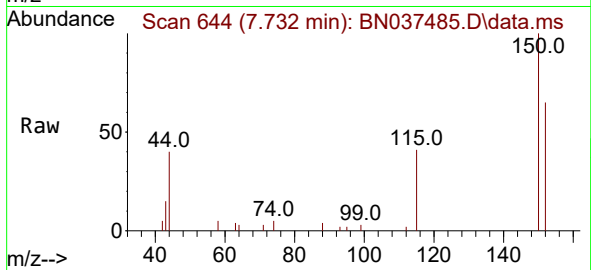
Quant Time: Jul 14 10:56:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 11 15:38:34 2025
Response via : Initial Calibration



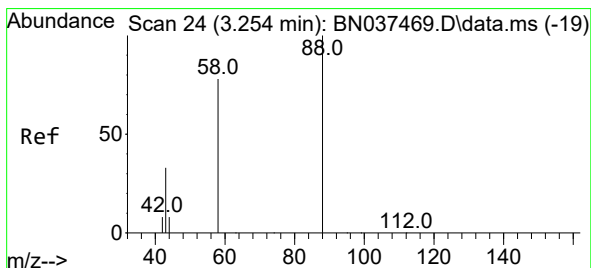
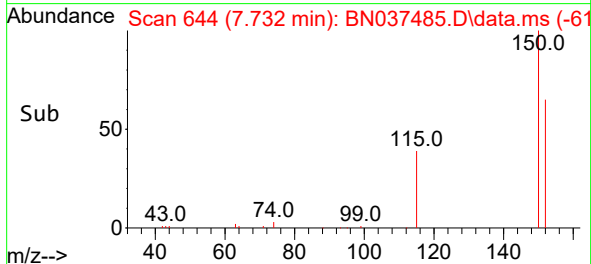
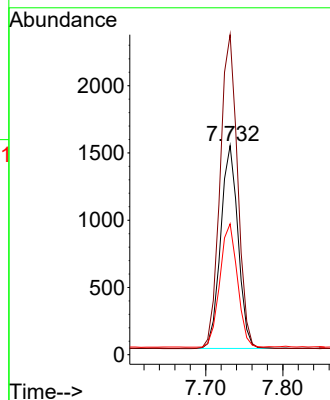


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.732 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN037485.D
 Acq: 14 Jul 2025 10:26

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20250701

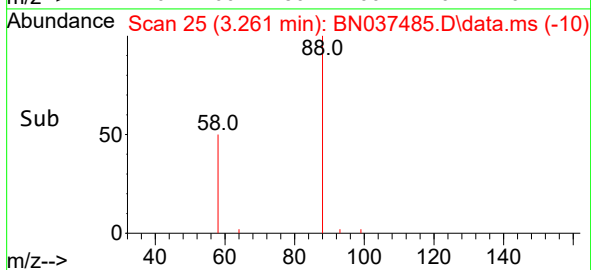
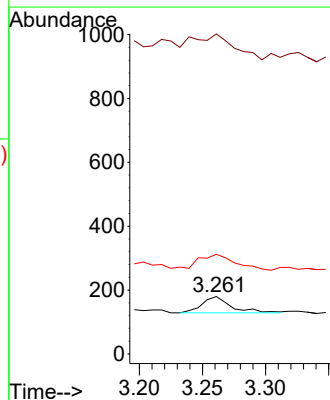
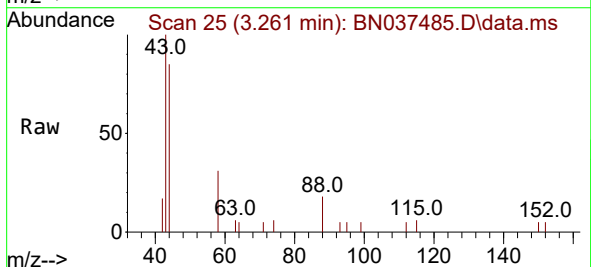


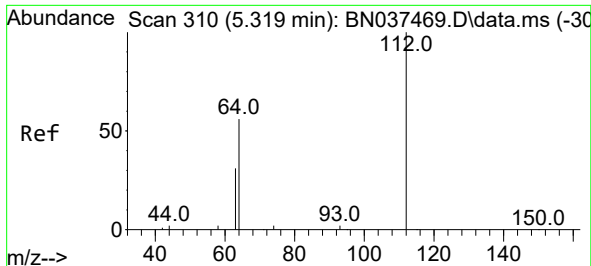
Tgt Ion:152 Resp: 2365
 Ion Ratio Lower Upper
 152 100
 150 153.0 122.5 183.7
 115 62.6 49.9 74.9



#2
 1,4-Dioxane
 Concen: 0.037 ng
 RT: 3.261 min Scan# 25
 Delta R.T. 0.007 min
 Lab File: BN037485.D
 Acq: 14 Jul 2025 10:26

Tgt Ion: 88 Resp: 82
 Ion Ratio Lower Upper
 88 100
 43 223.2 30.7 46.1#
 58 125.6 65.0 97.4#

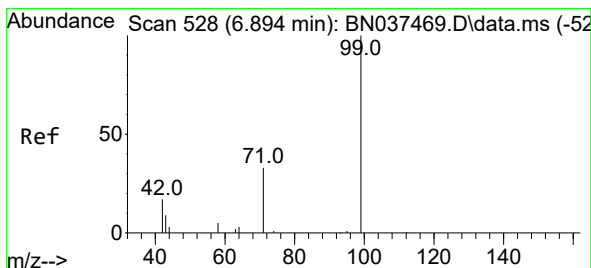
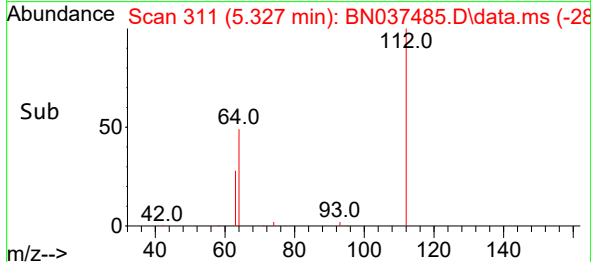
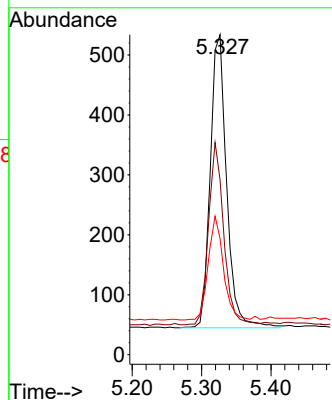
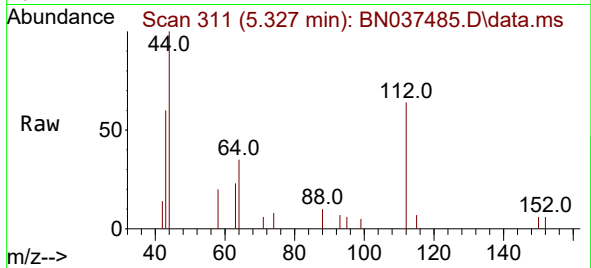




#4
2-Fluorophenol
Concen: 0.145 ng
RT: 5.327 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN037485.D
Acq: 14 Jul 2025 10:26

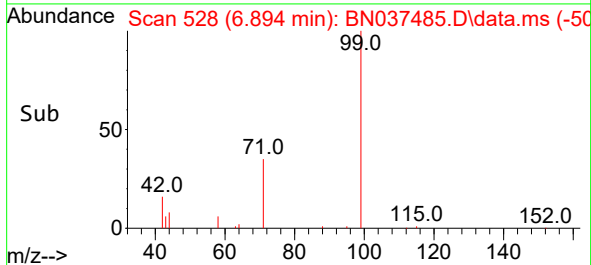
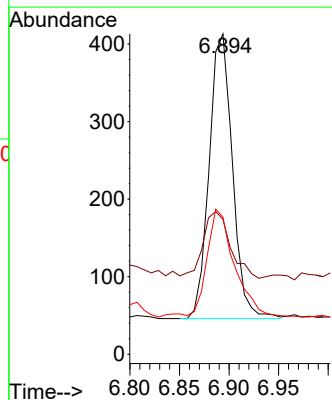
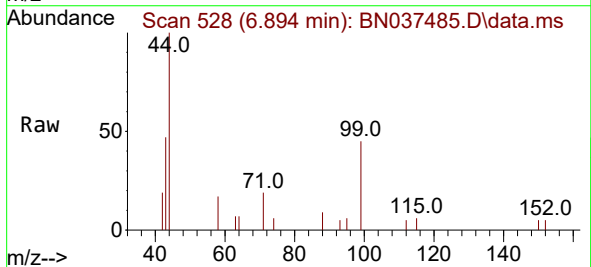
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250701

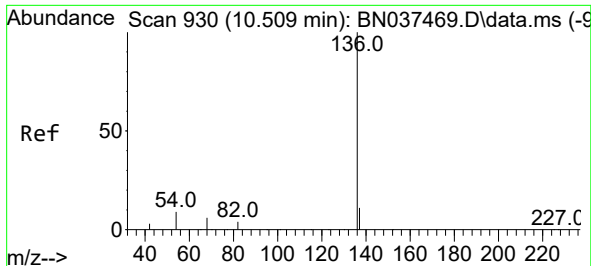
Tgt Ion:112 Resp: 798
Ion Ratio Lower Upper
112 100
64 57.8 45.4 68.0
63 32.7 24.7 37.1



#5
Phenol-d6
Concen: 0.087 ng
RT: 6.894 min Scan# 528
Delta R.T. -0.000 min
Lab File: BN037485.D
Acq: 14 Jul 2025 10:26

Tgt Ion: 99 Resp: 600
Ion Ratio Lower Upper
99 100
42 27.2 19.5 29.3
71 45.7 29.4 44.2#

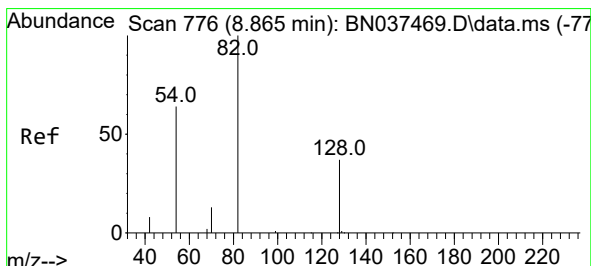
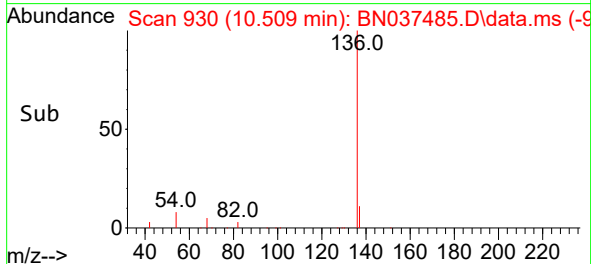
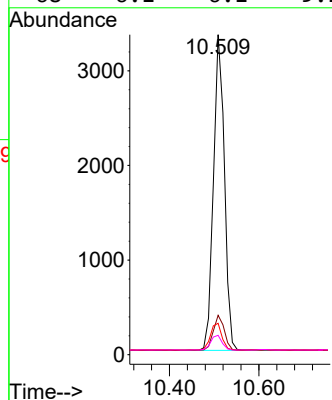
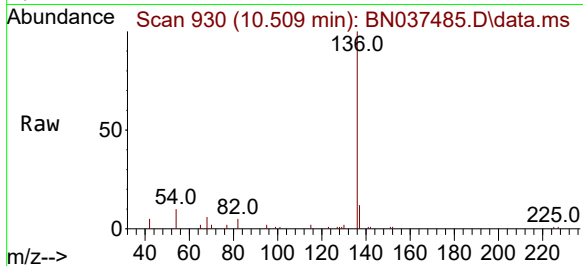




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN037485.D
Acq: 14 Jul 2025 10:26

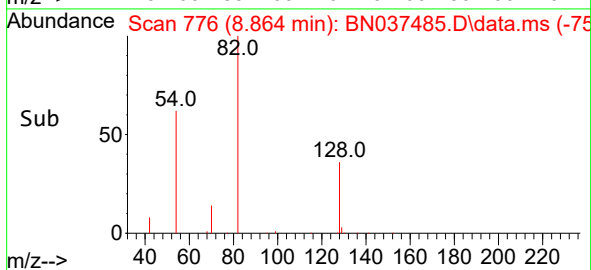
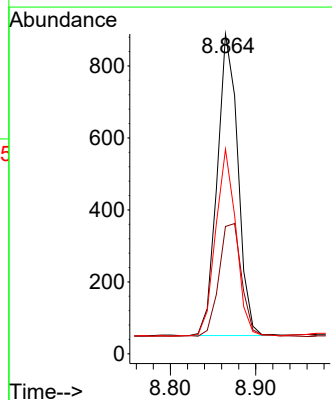
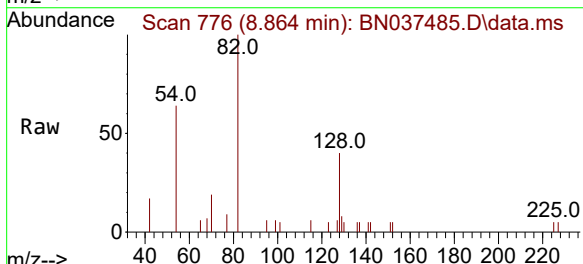
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250701

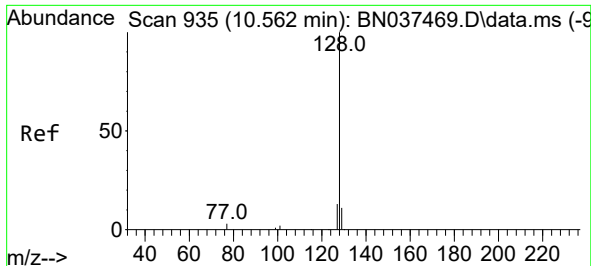
Tgt Ion:	136	Resp:	5646
Ion	Ratio	Lower	Upper
136	100		
137	12.3	10.0	15.0
54	9.8	9.0	13.6
68	6.1	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.344 ng
RT: 8.864 min Scan# 776
Delta R.T. -0.000 min
Lab File: BN037485.D
Acq: 14 Jul 2025 10:26

Tgt Ion:	82	Resp:	1410
Ion	Ratio	Lower	Upper
82	100		
128	39.8	33.1	49.7
54	64.0	53.0	79.4

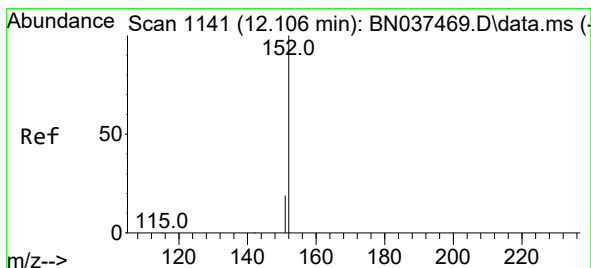
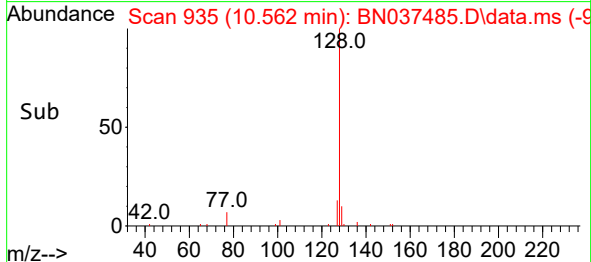
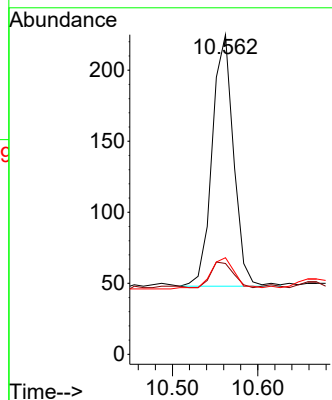
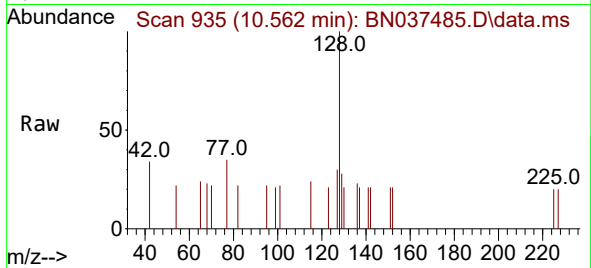




#9
Naphthalene
Concen: 0.020 ng
RT: 10.562 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN037485.D
Acq: 14 Jul 2025 10:26

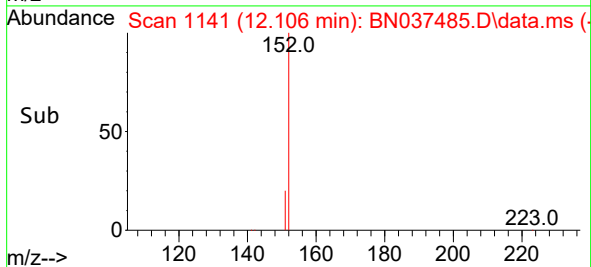
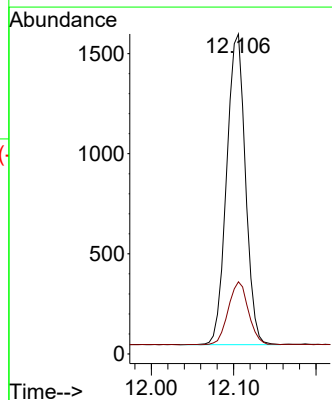
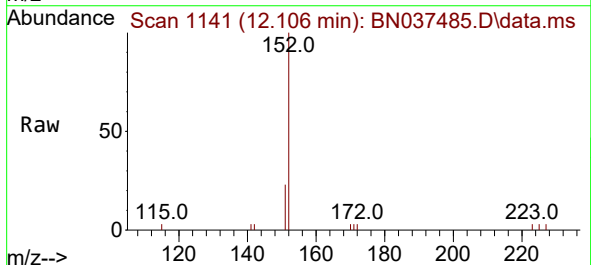
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250701

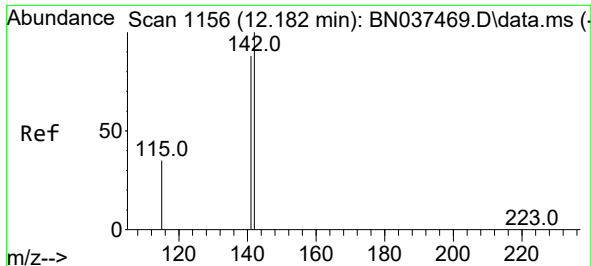
Tgt Ion:128 Resp: 308
Ion Ratio Lower Upper
128 100
129 28.4 10.2 15.2#
127 30.2 11.8 17.6#



#11
2-Methylnaphthalene-d10
Concen: 0.320 ng
RT: 12.106 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BN037485.D
Acq: 14 Jul 2025 10:26

Tgt Ion:152 Resp: 2457
Ion Ratio Lower Upper
152 100
151 21.7 17.0 25.6

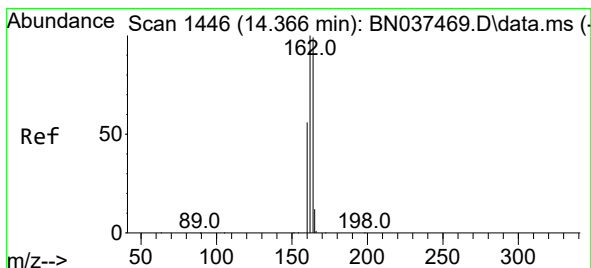
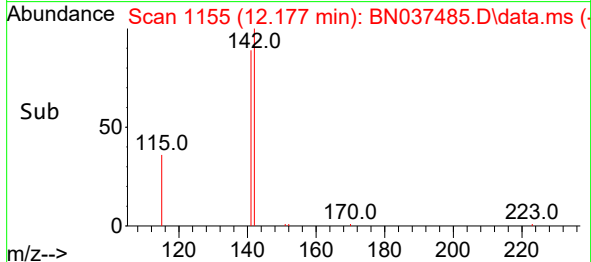
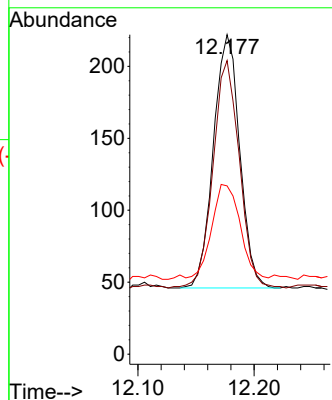
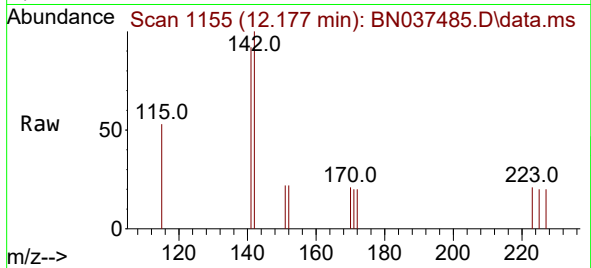




#12
2-Methylnaphthalene
Concen: 0.029 ng
RT: 12.177 min Scan# 1155
Delta R.T. -0.005 min
Lab File: BN037485.D
Acq: 14 Jul 2025 10:26

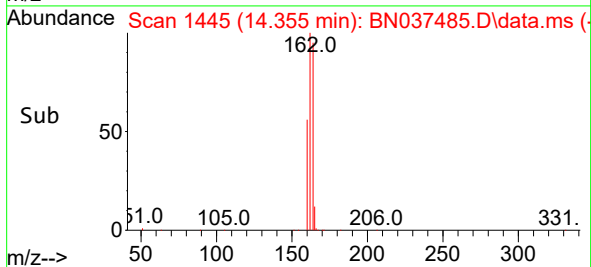
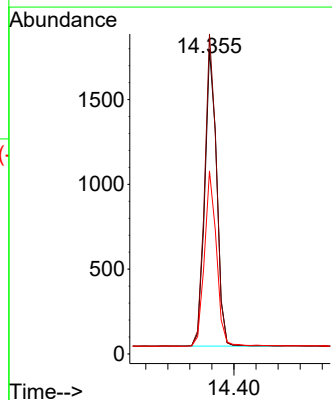
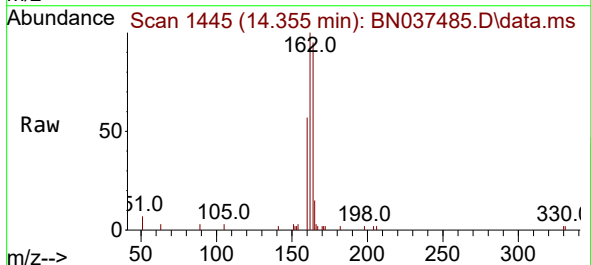
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250701

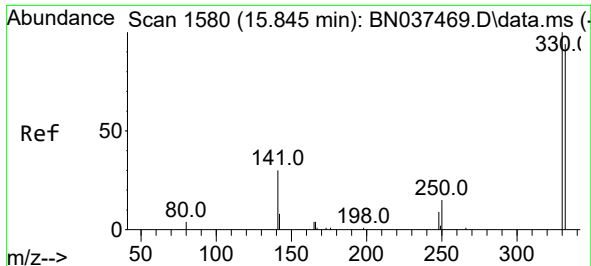
Tgt Ion:142 Resp: 276
Ion Ratio Lower Upper
142 100
141 91.9 70.6 105.8
115 52.7 30.0 45.0#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN037485.D
Acq: 14 Jul 2025 10:26

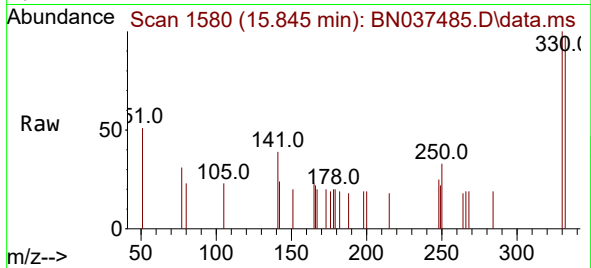
Tgt Ion:164 Resp: 2637
Ion Ratio Lower Upper
164 100
162 105.1 81.1 121.7
160 60.1 46.5 69.7



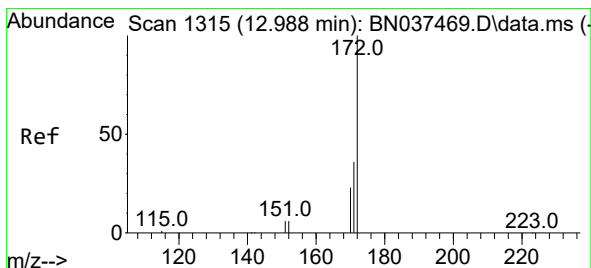
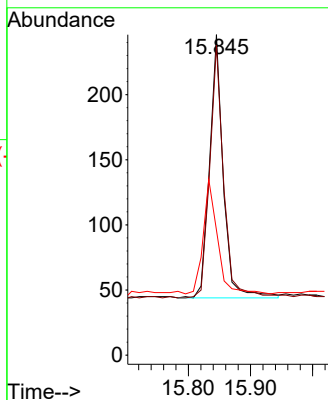
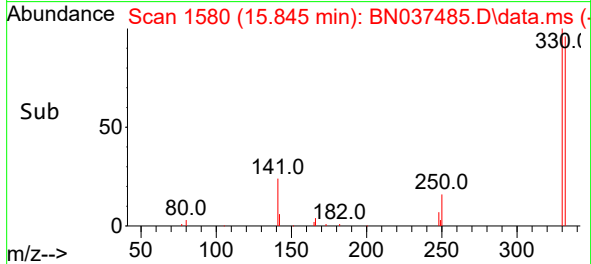


#14
2,4,6-Tribromophenol
Concen: 0.347 ng
RT: 15.845 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BN037485.D
Acq: 14 Jul 2025 10:26

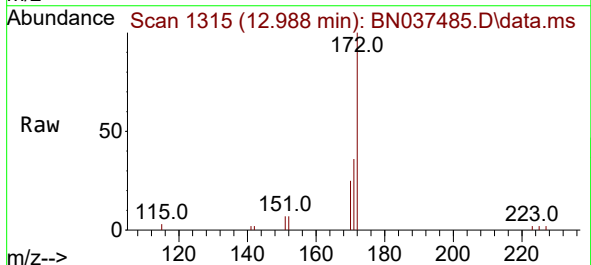
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250701



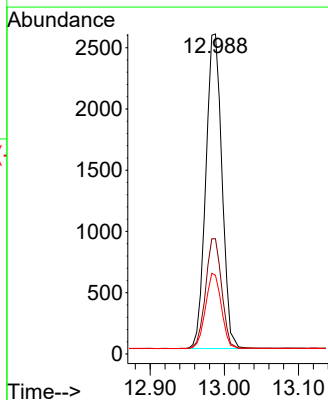
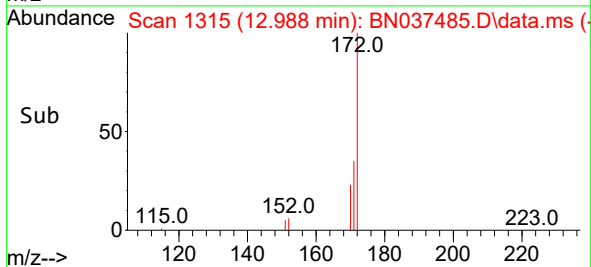
Tgt Ion:330 Resp: 310
Ion Ratio Lower Upper
330 100
332 98.4 82.0 123.0
141 45.5 36.2 54.2

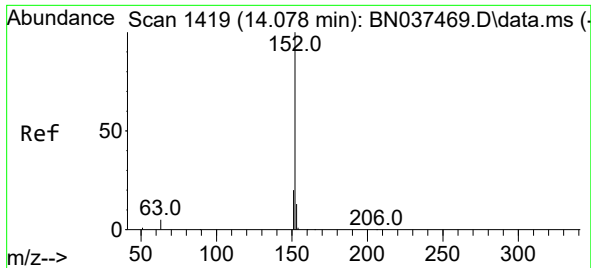


#15
2-Fluorobiphenyl
Concen: 0.340 ng
RT: 12.988 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BN037485.D
Acq: 14 Jul 2025 10:26



Tgt Ion:172 Resp: 5122
Ion Ratio Lower Upper
172 100
171 36.0 29.8 44.8
170 24.6 20.0 30.0

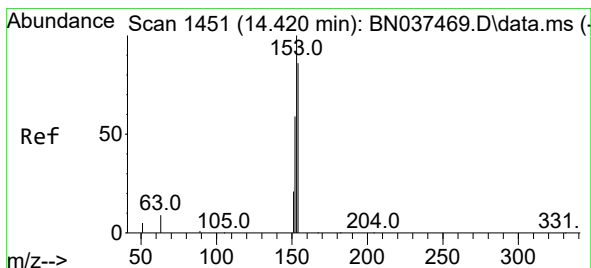
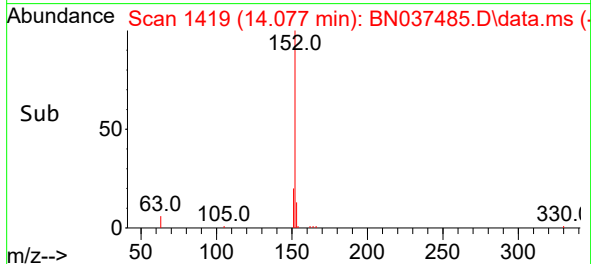
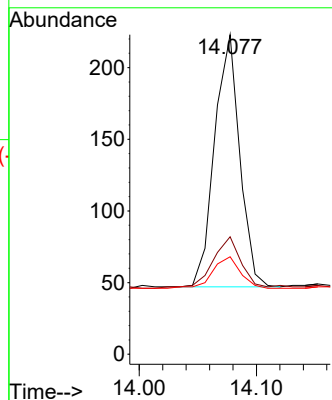
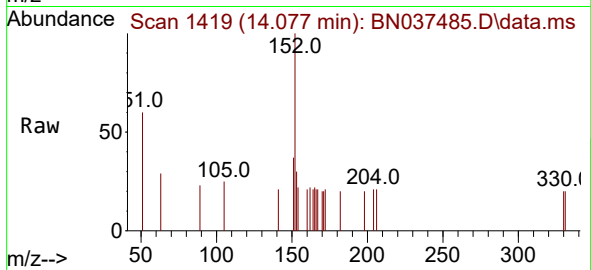




#16
Acenaphthylene
Concen: 0.022 ng
RT: 14.077 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BN037485.D
Acq: 14 Jul 2025 10:26

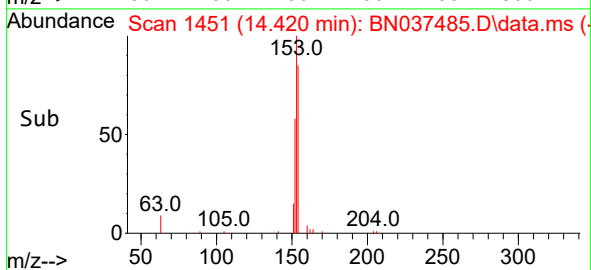
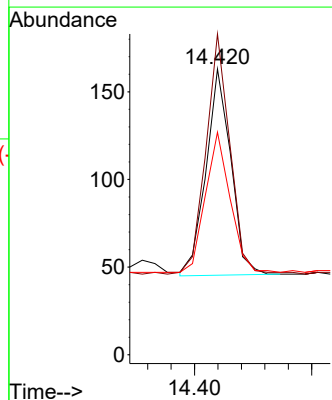
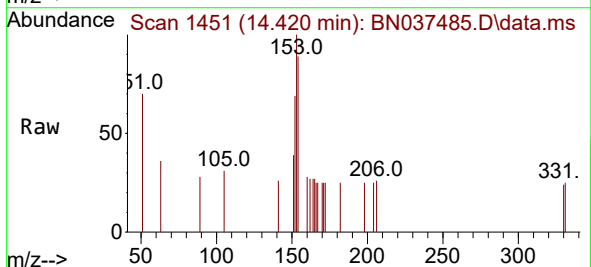
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250701

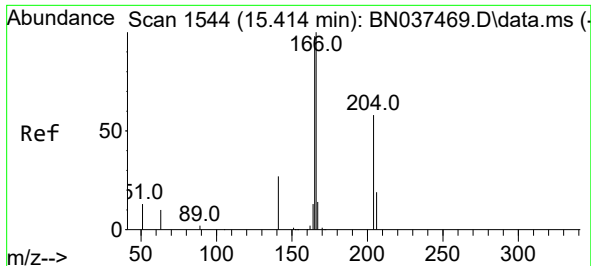
Tgt Ion:	152	Resp:	262
Ion Ratio	Lower	Upper	
152	100		
151	24.0	16.4	24.6
153	13.7	10.6	15.8



#17
Acenaphthene
Concen: 0.021 ng
RT: 14.420 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BN037485.D
Acq: 14 Jul 2025 10:26

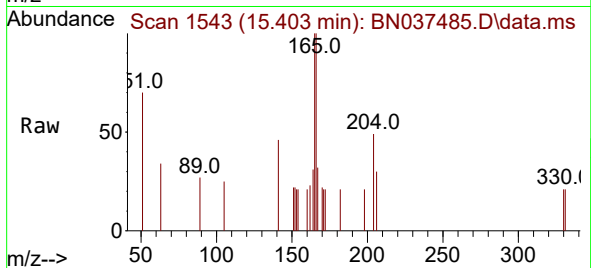
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Ion Ratio	Lower	Upper	
154	100		
153	115.0	89.4	134.0
152	73.4	53.2	79.8



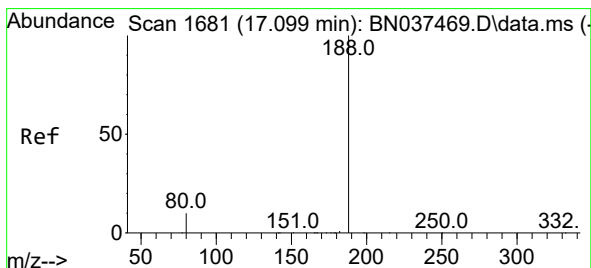
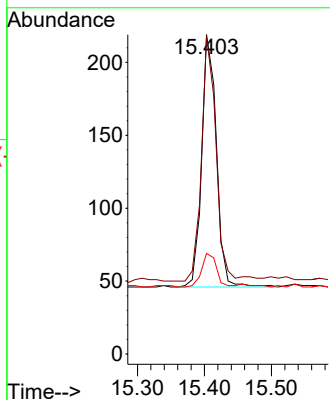
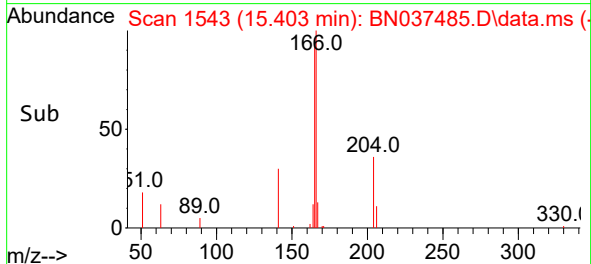


#18
Fluorene
Concen: 0.026 ng
RT: 15.403 min Scan# 1543
Delta R.T. -0.011 min
Lab File: BN037485.D
Acq: 14 Jul 2025 10:26

Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250701

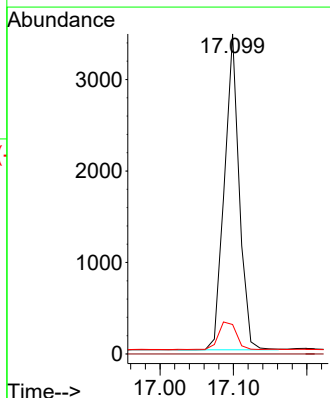
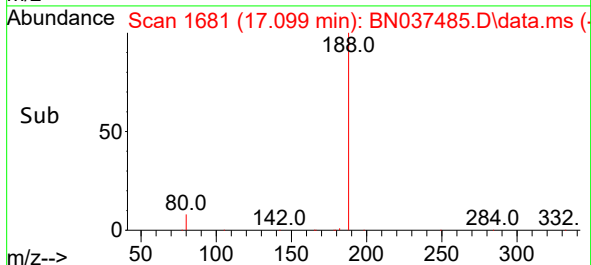
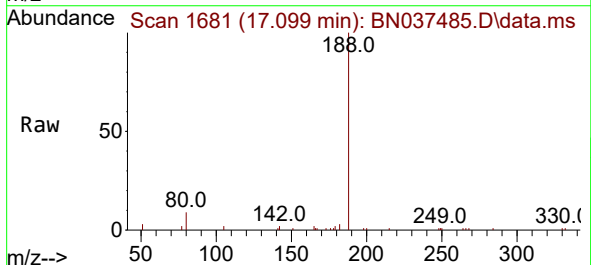


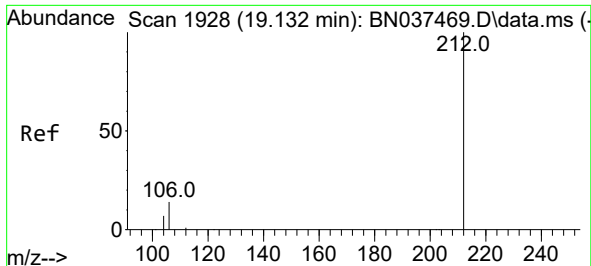
Tgt Ion:166 Resp: 264
Ion Ratio Lower Upper
166 100
165 97.0 79.4 119.2
167 13.6 10.6 15.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BN037485.D
Acq: 14 Jul 2025 10:26

Tgt Ion:188 Resp: 4838
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 9.3 13.9#

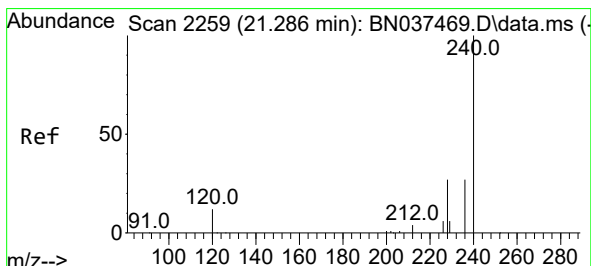
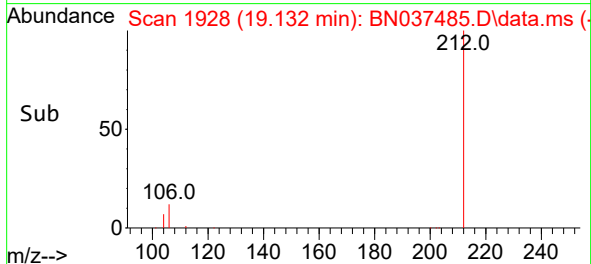
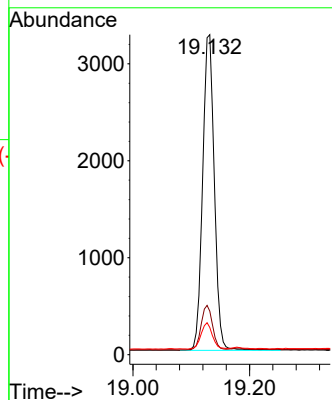
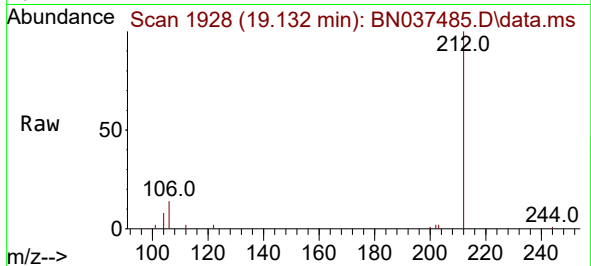




#27
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.132 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BN037485.D
Acq: 14 Jul 2025 10:26

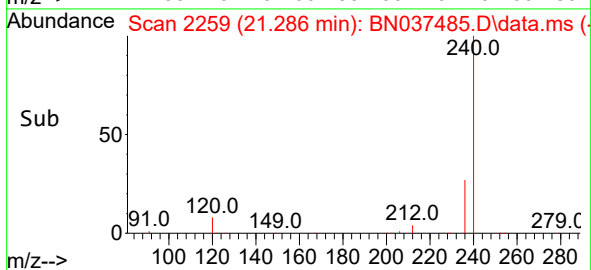
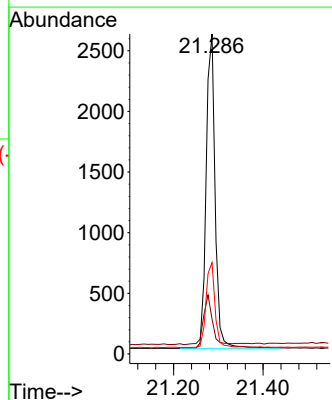
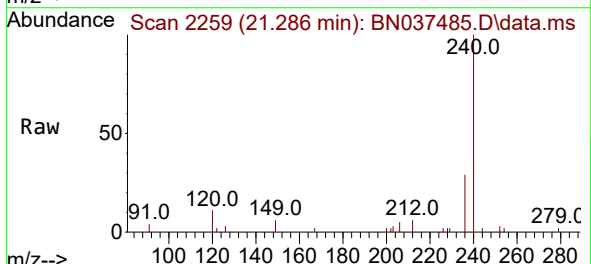
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250701

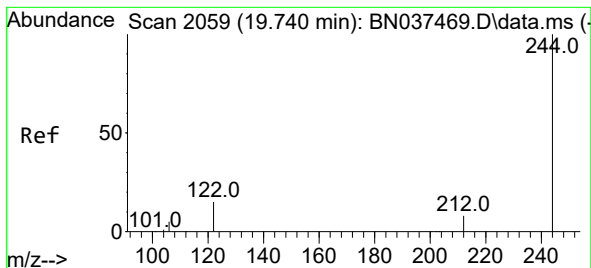
Tgt Ion:212 Resp: 4551
Ion Ratio Lower Upper
212 100
106 13.8 11.7 17.5
104 8.0 6.6 10.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.286 min Scan# 2259
Delta R.T. -0.000 min
Lab File: BN037485.D
Acq: 14 Jul 2025 10:26

Tgt Ion:240 Resp: 3617
Ion Ratio Lower Upper
240 100
120 10.9 12.4 18.6#
236 28.6 22.9 34.3





#31

Terphenyl-d14

Concen: 0.528 ng

RT: 19.736 min Scan# 2058

Delta R.T. -0.005 min

Lab File: BN037485.D

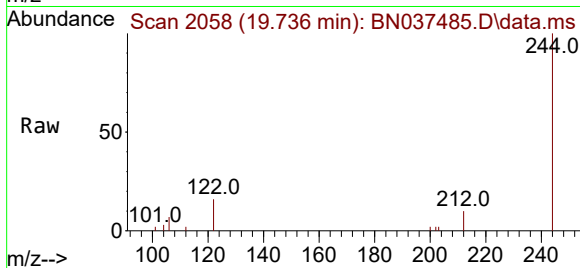
Acq: 14 Jul 2025 10:26

Instrument :

BNA_N

ClientSampleId :

RW8-SP100-20250701



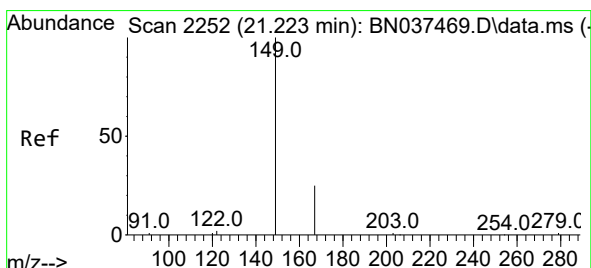
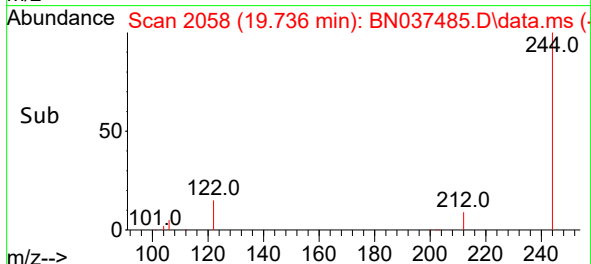
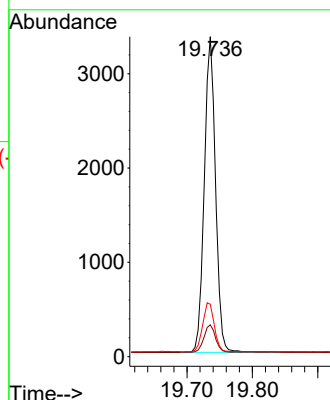
Tgt Ion:244 Resp: 3986

Ion Ratio Lower Upper

244 100

212 9.9 8.7 13.1

122 16.4 14.1 21.1



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.106 ng

RT: 21.223 min Scan# 2252

Delta R.T. -0.000 min

Lab File: BN037485.D

Acq: 14 Jul 2025 10:26

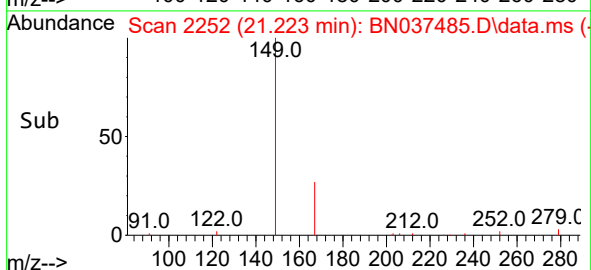
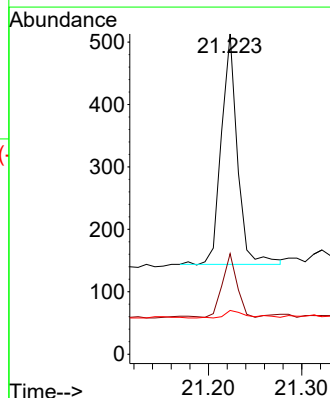
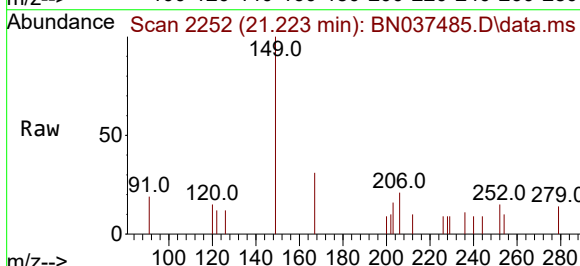
Tgt Ion:149 Resp: 440

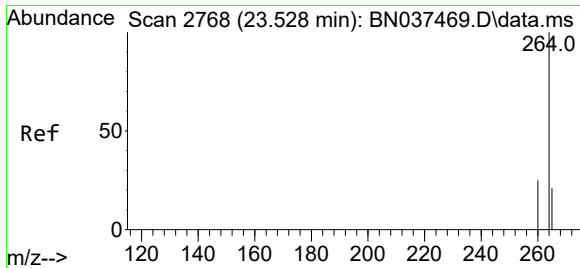
Ion Ratio Lower Upper

149 100

167 25.2 19.4 29.2

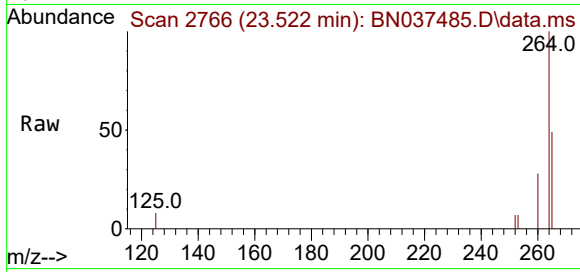
279 3.6 2.5 3.7





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.522 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN037485.D
Acq: 14 Jul 2025 10:26

Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250701



Tgt Ion:264 Resp: 3162

Ion	Ratio	Lower	Upper
264	100		
260	27.7	21.7	32.5
265	49.3	41.6	62.4

