

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082825\
 Data File : BN037651.D
 Acq On : 28 Aug 2025 11:18
 Operator : RC/JU
 Sample : Q2937-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-20250821

Quant Time: Aug 28 12:21:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

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

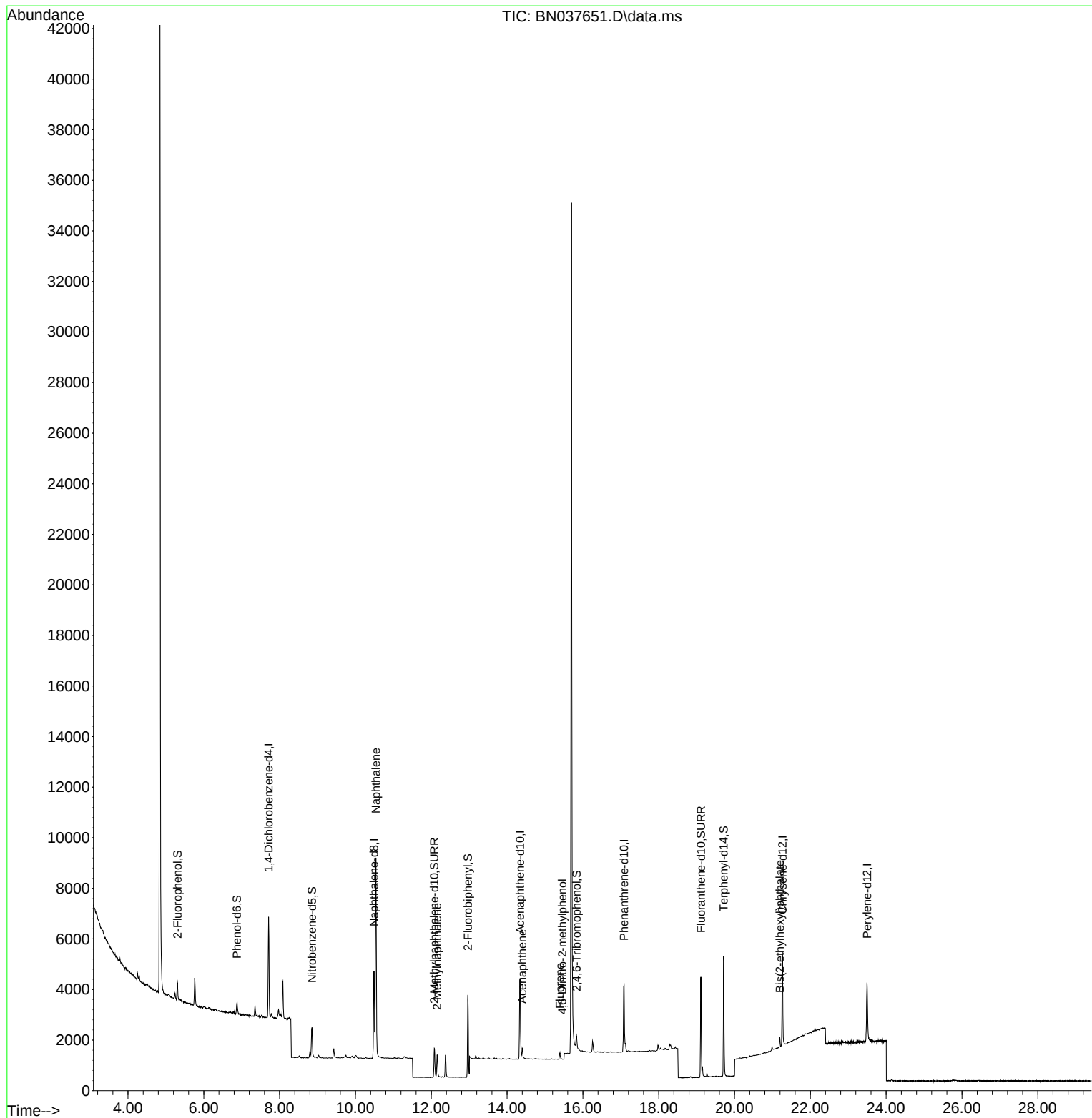
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	1972	0.400	ng	0.00
7) Naphthalene-d8	10.488	136	4616	0.400	ng	-0.01
13) Acenaphthene-d10	14.345	164	2088	0.400	ng	0.00
19) Phenanthrene-d10	17.087	188	4583	0.400	ng	0.00
29) Chrysene-d12	21.268	240	3870	0.400	ng	0.00
35) Perylene-d12	23.496	264	3373	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	585	0.131	ng	0.00
5) Phenol-d6	6.872	99	438	0.081	ng	0.00
8) Nitrobenzene-d5	8.854	82	1079	0.332	ng	0.00
11) 2-Methylnaphthalene-d10	12.081	152	1739	0.277	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	360	0.394	ng	0.00
15) 2-Fluorobiphenyl	12.968	172	4316	0.357	ng	0.00
27) Fluoranthene-d10	19.113	212	4600	0.382	ng	0.00
31) Terphenyl-d14	19.713	244	4586	0.576	ng	-0.01
Target Compounds						
						Qvalue
9) Naphthalene	10.541	128	10663	0.868	ng	99
12) 2-Methylnaphthalene	12.157	142	677	0.088	ng	96
17) Acenaphthene	14.398	154	201	0.032	ng	97
18) Fluorene	15.393	166	175	0.021	ng	# 90
20) 4,6-Dinitro-2-methylph...	15.457	198	2	0.183	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	512	0.096	ng	94

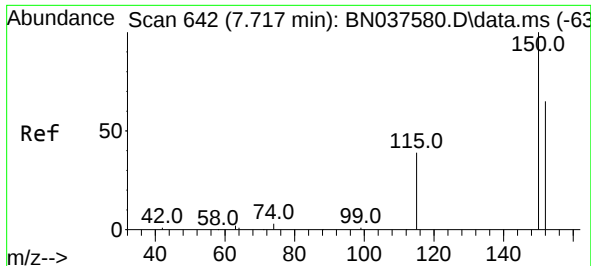
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082825\
Data File : BN037651.D
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BNA_N
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RW8-SP303-20250821

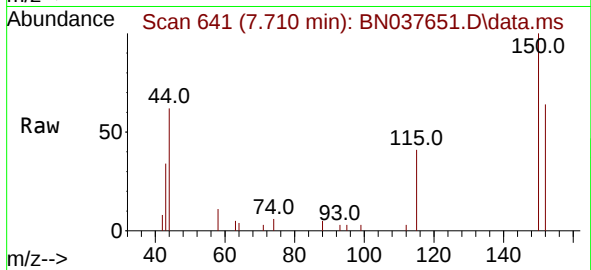
Quant Time: Aug 28 12:21:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration





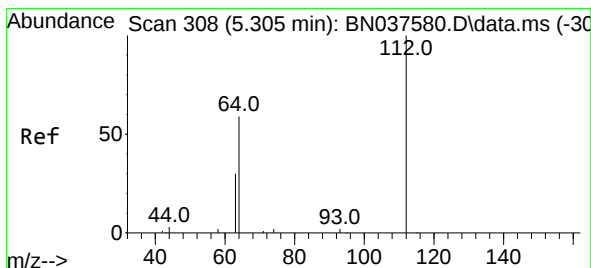
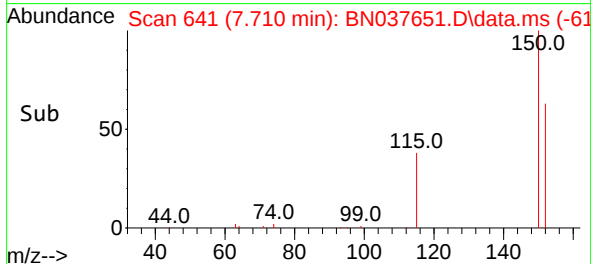
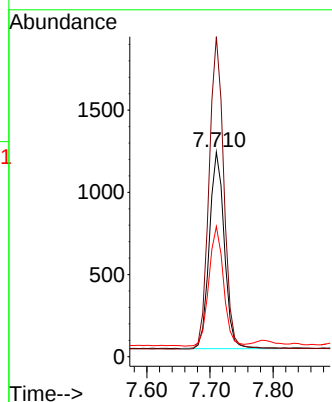
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.710 min Scan# 641
Delta R.T. -0.007 min
Lab File: BN037651.D
Acq: 28 Aug 2025 11:18

Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250821



Tgt Ion:152 Resp: 1972

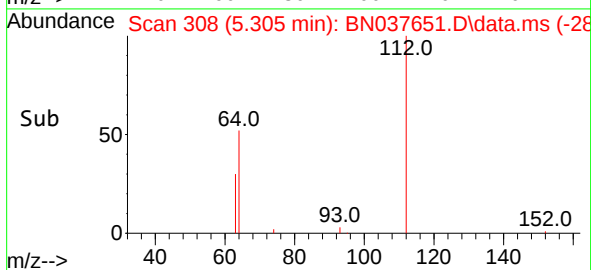
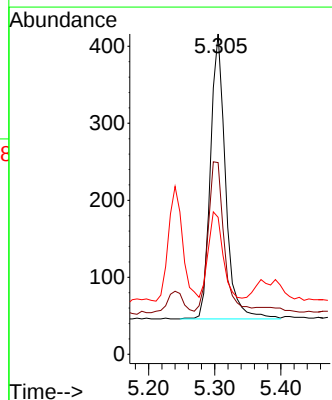
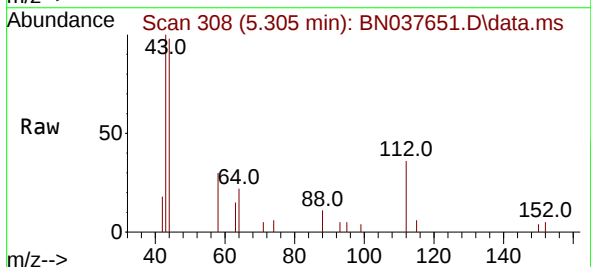
Ion	Ratio	Lower	Upper
152	100		
150	156.4	122.2	183.4
115	63.7	49.8	74.6

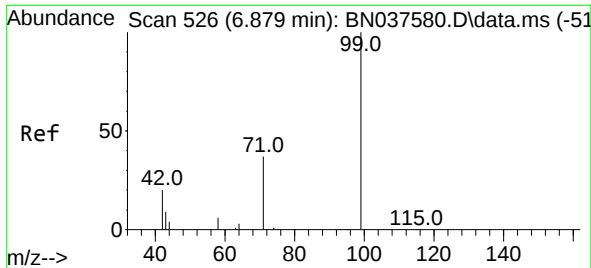


#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037651.D
Acq: 28 Aug 2025 11:18

Tgt Ion:112 Resp: 585

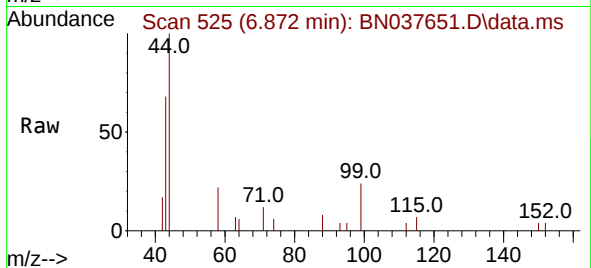
Ion	Ratio	Lower	Upper
112	100		
64	54.4	44.9	67.3
63	31.3	23.4	35.2



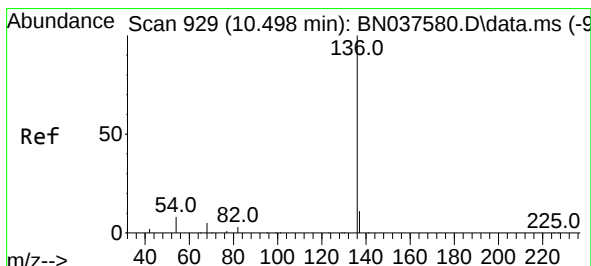
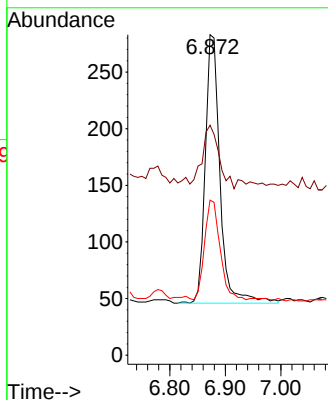
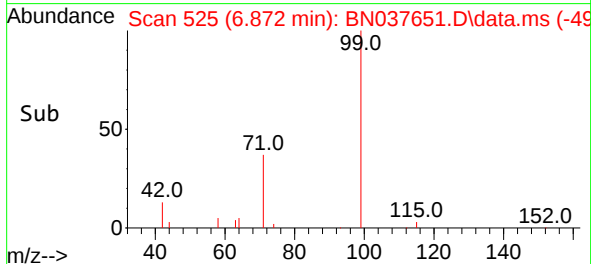


#5
Phenol-d6
Concen: 0.081 ng
RT: 6.872 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN037651.D
Acq: 28 Aug 2025 11:18

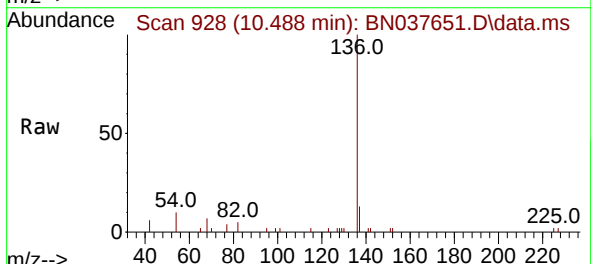
Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250821



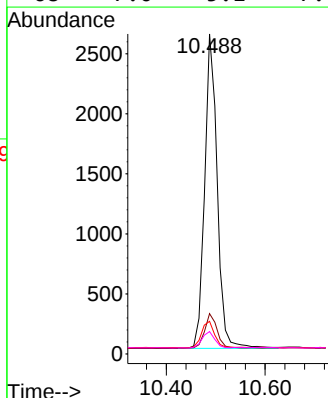
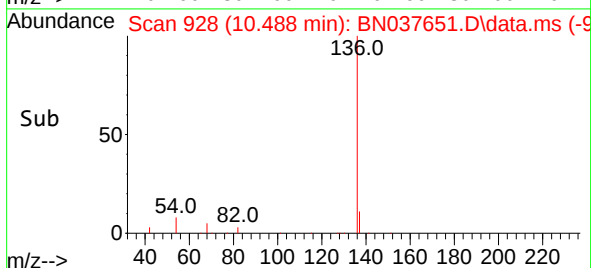
Tgt Ion:	99	Resp:	438
Ion	Ratio	Lower	Upper
99	100		
42	26.9	18.5	27.7
71	38.8	28.6	42.8

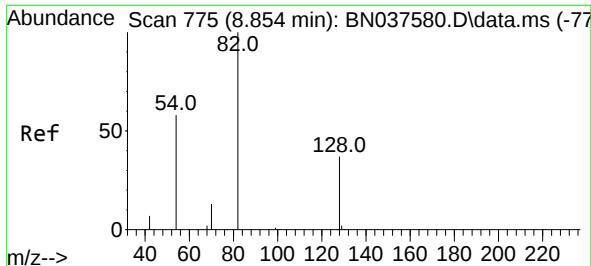


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.488 min Scan# 928
Delta R.T. -0.010 min
Lab File: BN037651.D
Acq: 28 Aug 2025 11:18



Tgt Ion:	136	Resp:	4616
Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	10.2	7.3	10.9
68	7.0	5.1	7.7

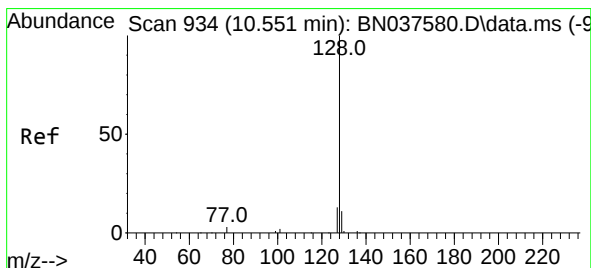
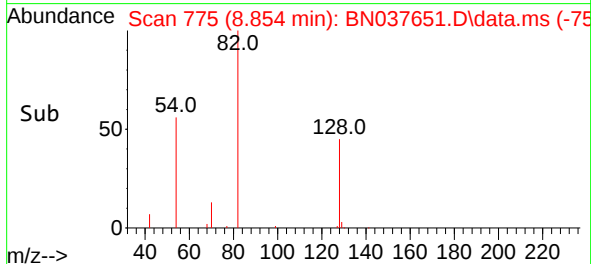
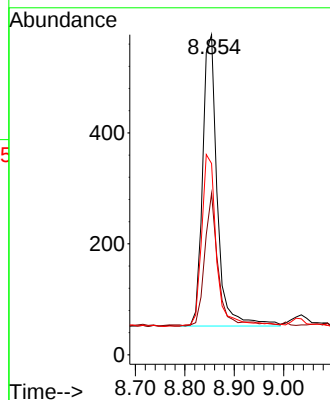
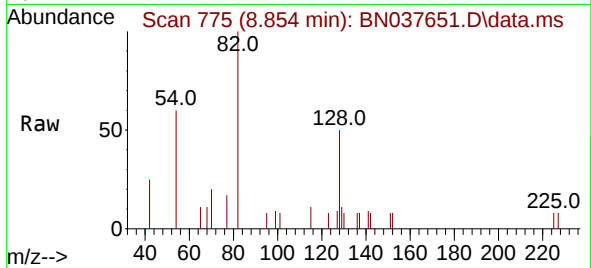




#8
Nitrobenzene-d5
Concen: 0.332 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037651.D
Acq: 28 Aug 2025 11:18

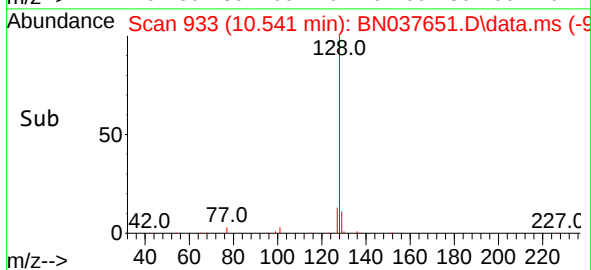
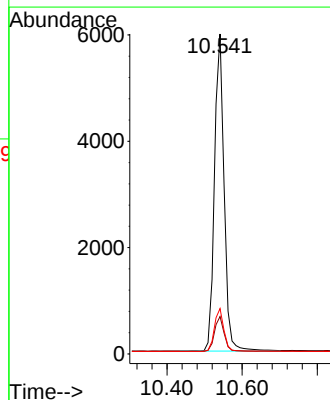
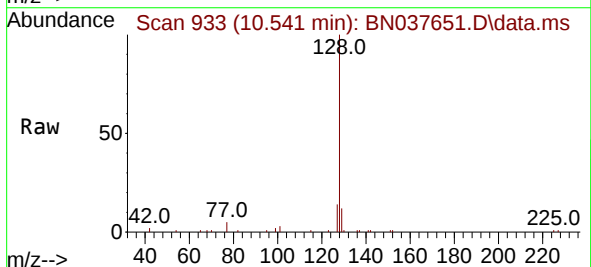
Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250821

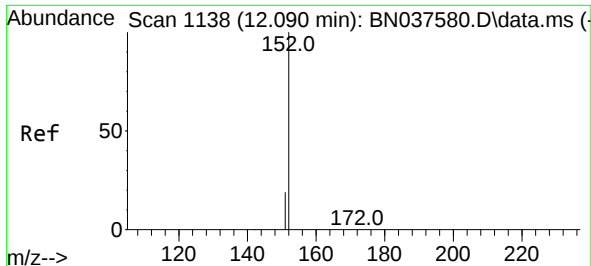
Tgt Ion: 82 Resp: 1079
Ion Ratio Lower Upper
82 100
128 50.4 32.6 48.8#
54 59.8 48.9 73.3



#9
Naphthalene
Concen: 0.868 ng
RT: 10.541 min Scan# 933
Delta R.T. -0.010 min
Lab File: BN037651.D
Acq: 28 Aug 2025 11:18

Tgt Ion: 128 Resp: 10663
Ion Ratio Lower Upper
128 100
129 11.7 9.8 14.6
127 14.2 11.5 17.3

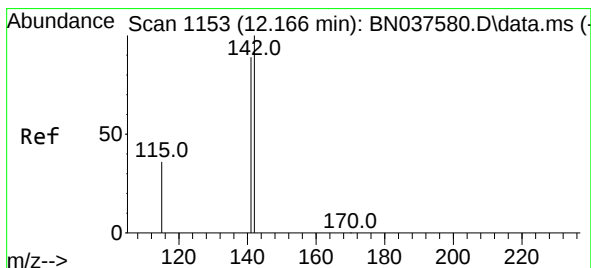
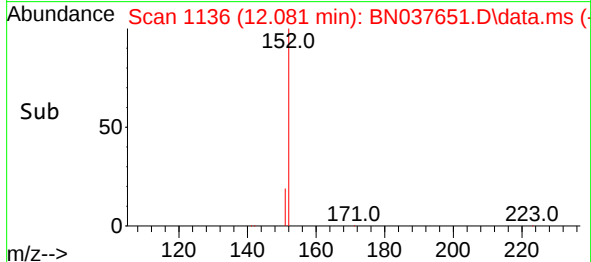
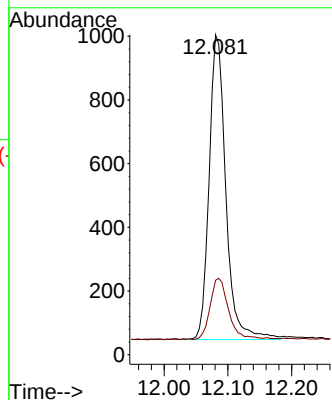
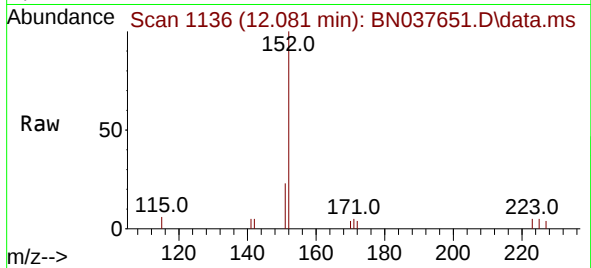




#11
2-Methylnaphthalene-d10
Concen: 0.277 ng
RT: 12.081 min Scan# 1136
Delta R.T. -0.010 min
Lab File: BN037651.D
Acq: 28 Aug 2025 11:18

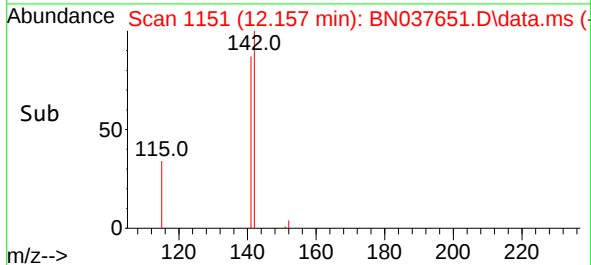
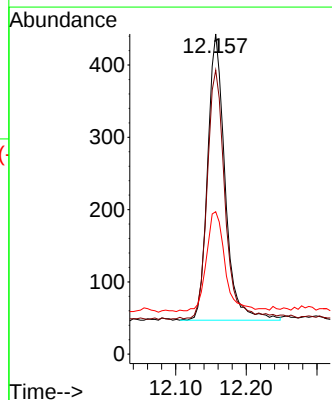
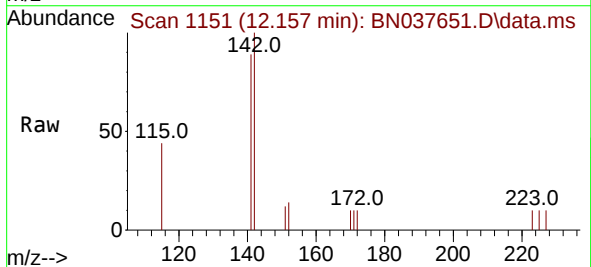
Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250821

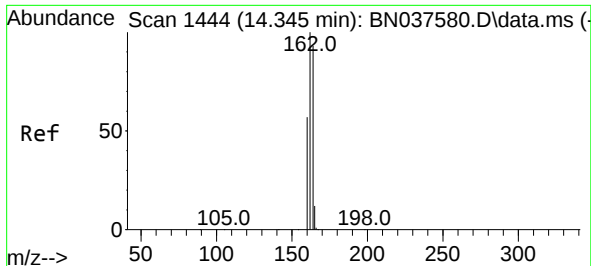
Tgt Ion:152 Resp: 1739
Ion Ratio Lower Upper
152 100
151 22.1 17.3 25.9



#12
2-Methylnaphthalene
Concen: 0.088 ng
RT: 12.157 min Scan# 1151
Delta R.T. -0.010 min
Lab File: BN037651.D
Acq: 28 Aug 2025 11:18

Tgt Ion:142 Resp: 677
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.0
115 44.5 30.2 45.4

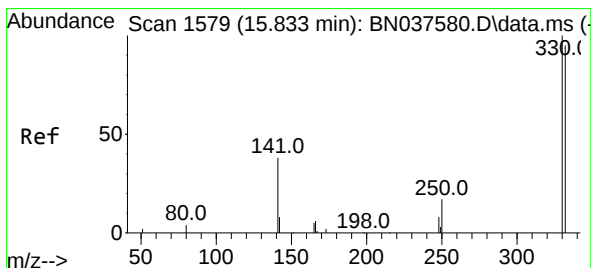
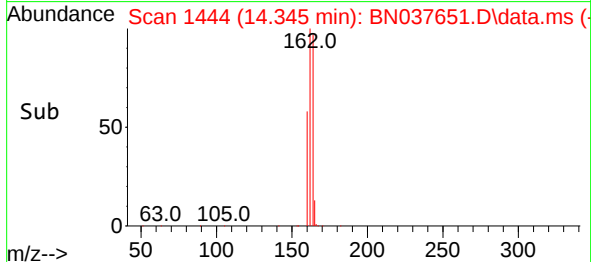
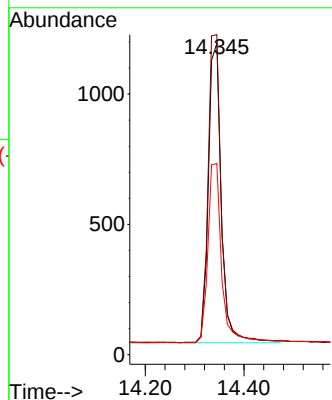
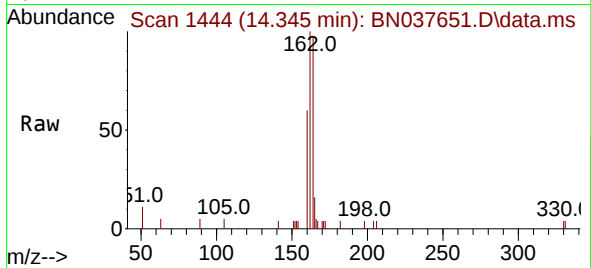




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037651.D
Acq: 28 Aug 2025 11:18

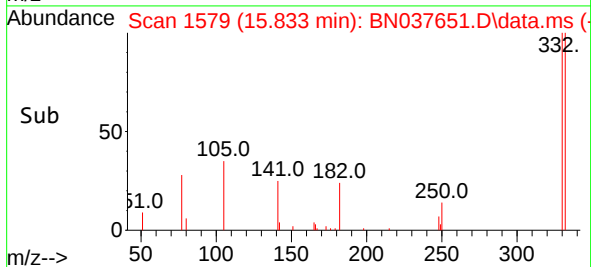
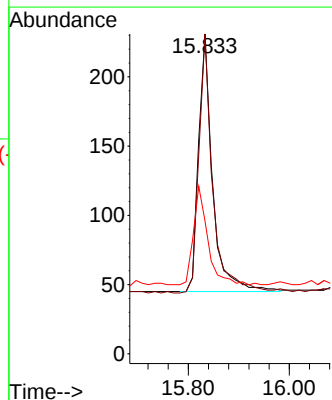
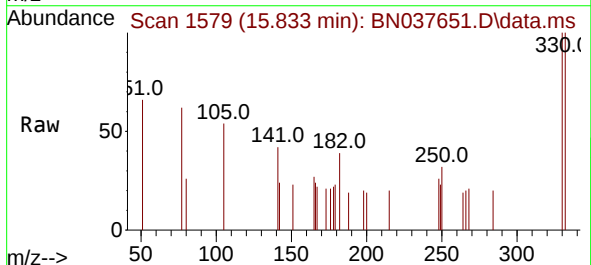
Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250821

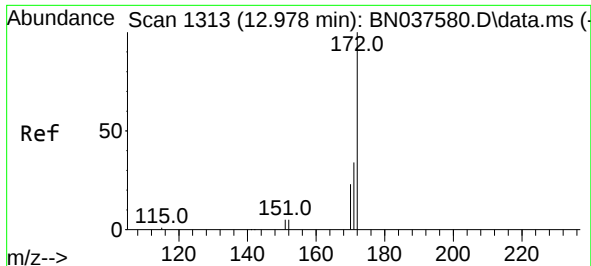
Tgt Ion:164 Resp: 2088
Ion Ratio Lower Upper
164 100
162 102.8 85.5 128.3
160 61.3 49.5 74.3



#14
2,4,6-Tribromophenol
Concen: 0.394 ng
RT: 15.833 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN037651.D
Acq: 28 Aug 2025 11:18

Tgt Ion:330 Resp: 360
Ion Ratio Lower Upper
330 100
332 100.0 77.4 116.0
141 40.3 30.9 46.3

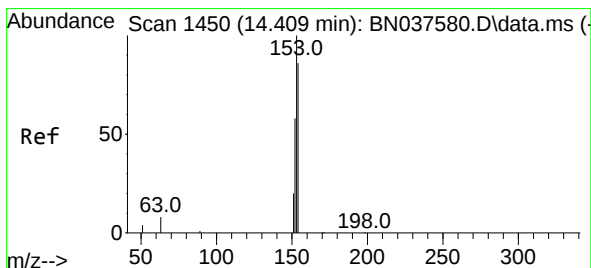
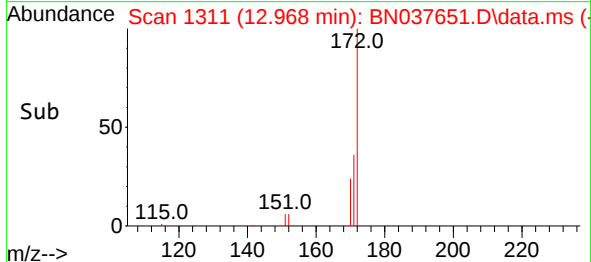
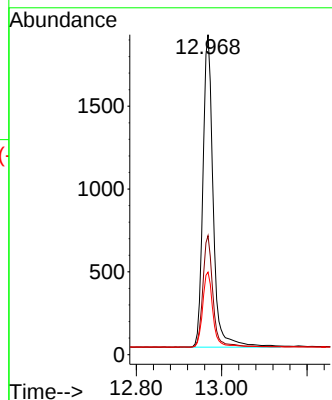
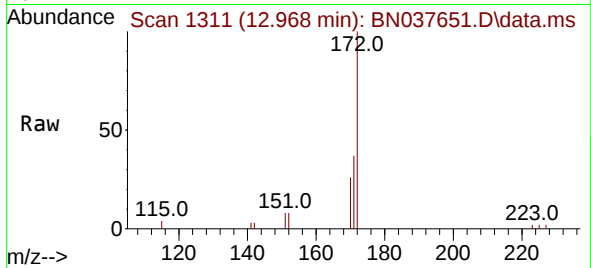




#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 12.968 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037651.D
Acq: 28 Aug 2025 11:18

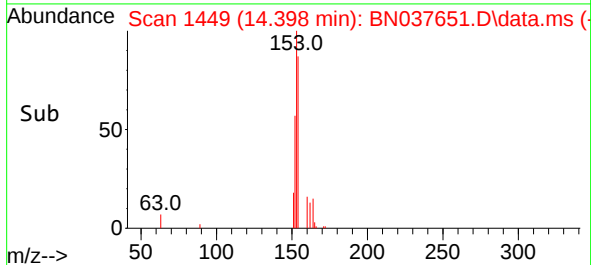
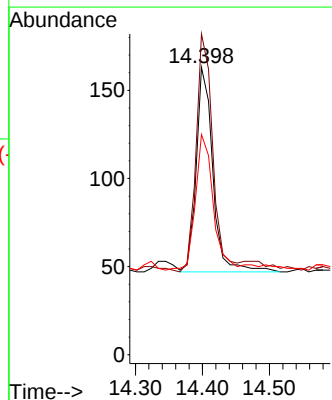
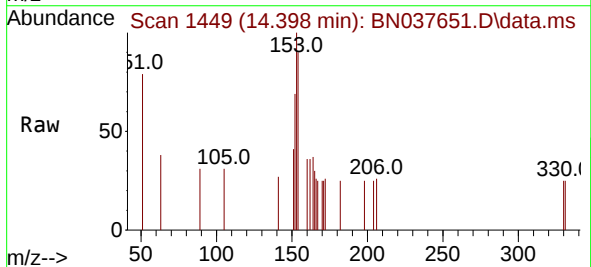
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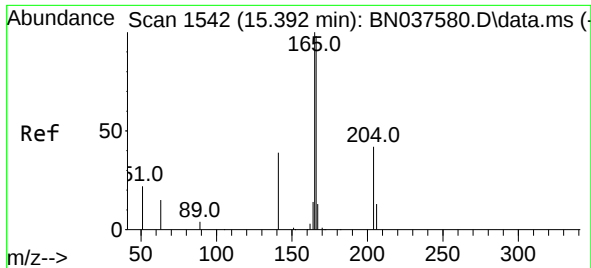
Tgt Ion:	172	Resp:	4316
Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.2	42.4
170	25.8	19.2	28.8



#17
Acenaphthene
Concen: 0.032 ng
RT: 14.398 min Scan# 1449
Delta R.T. -0.010 min
Lab File: BN037651.D
Acq: 28 Aug 2025 11:18

Tgt Ion:	154	Resp:	201
Ion	Ratio	Lower	Upper
154	100		
153	115.9	90.6	135.8
152	70.6	54.9	82.3

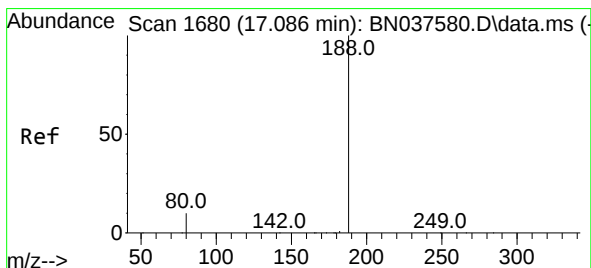
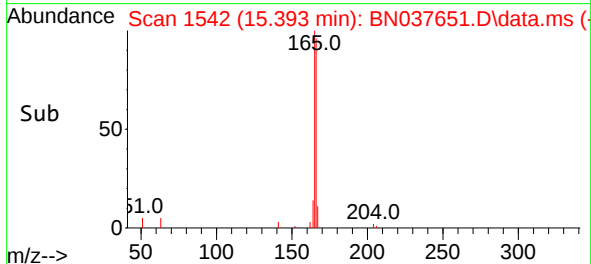
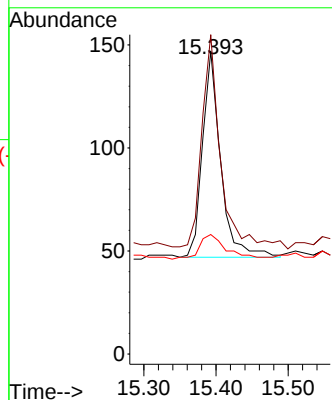
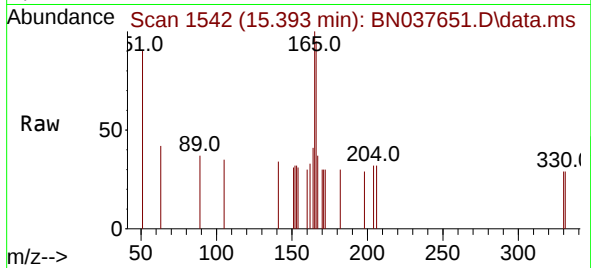




#18
 Fluorene
 Concen: 0.021 ng
 RT: 15.393 min Scan# 1542
 Delta R.T. 0.000 min
 Lab File: BN037651.D
 Acq: 28 Aug 2025 11:18

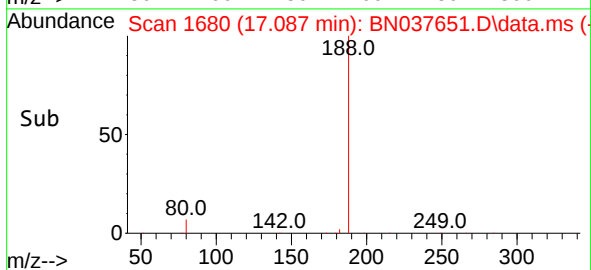
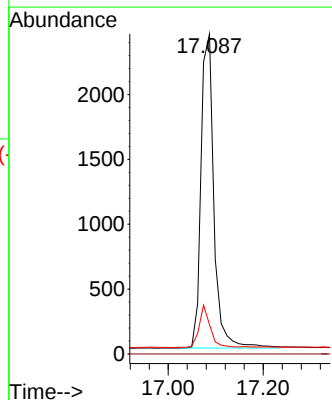
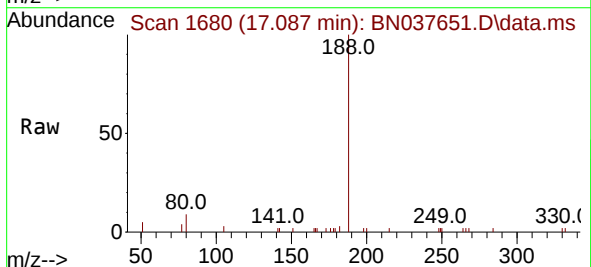
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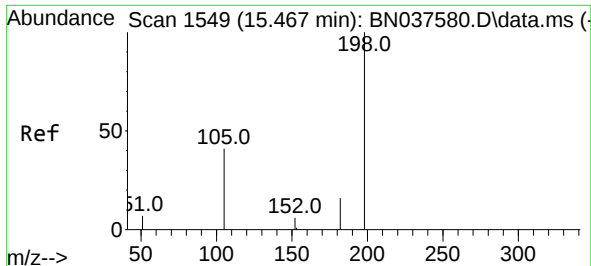
Tgt Ion:166 Resp: 175
 Ion Ratio Lower Upper
 166 100
 165 108.6 78.9 118.3
 167 17.7 10.7 16.1#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.087 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BN037651.D
 Acq: 28 Aug 2025 11:18

Tgt Ion:188 Resp: 4583
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 9.2 9.1 13.7

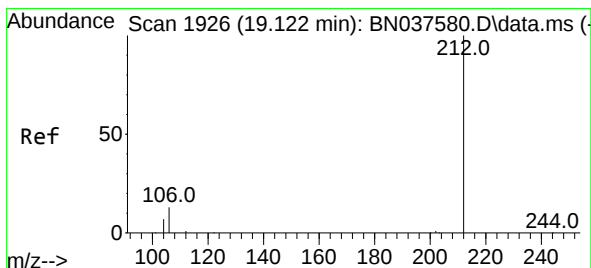
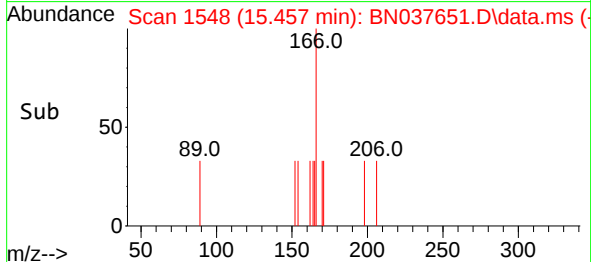
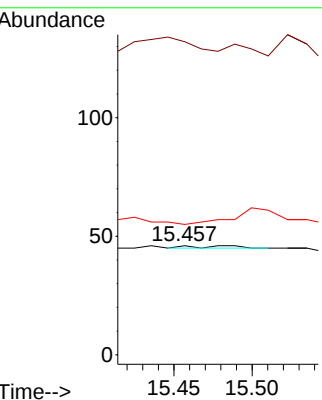
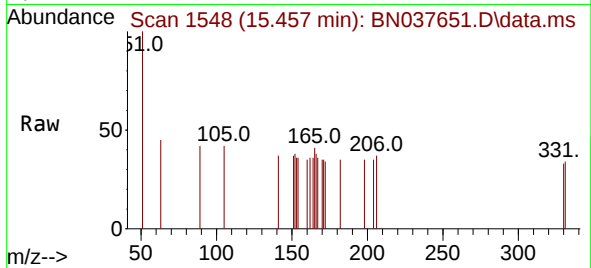




#20
4,6-Dinitro-2-methylphenol
Concen: 0.183 ng
RT: 15.457 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037651.D
Acq: 28 Aug 2025 11:18

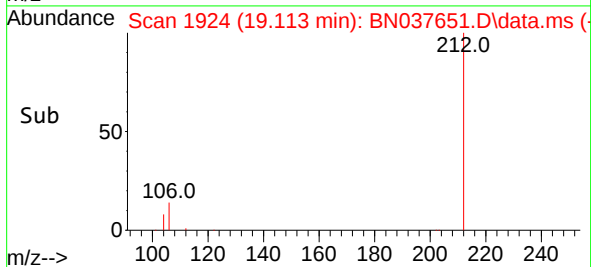
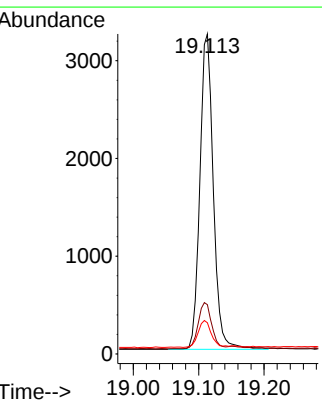
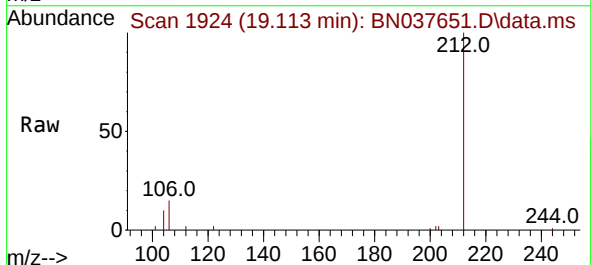
Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250821

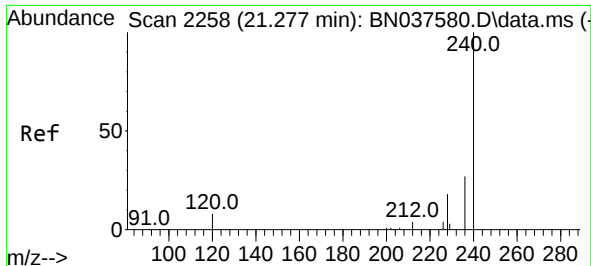
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 287.0 81.0 121.6#
105 119.6 52.5 78.7#



#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 19.113 min Scan# 1924
Delta R.T. -0.009 min
Lab File: BN037651.D
Acq: 28 Aug 2025 11:18

Tgt Ion:212 Resp: 4600
Ion Ratio Lower Upper
212 100
106 14.8 11.5 17.3
104 8.4 6.6 9.8

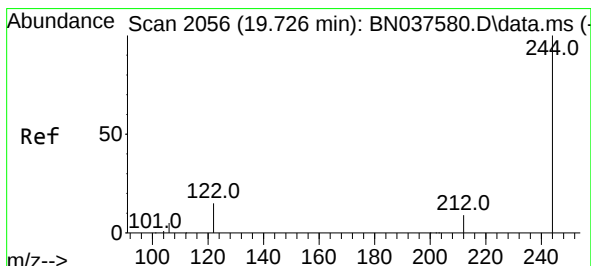
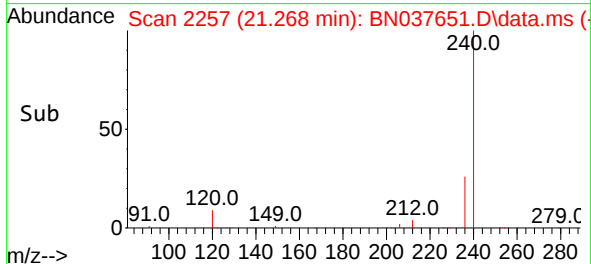
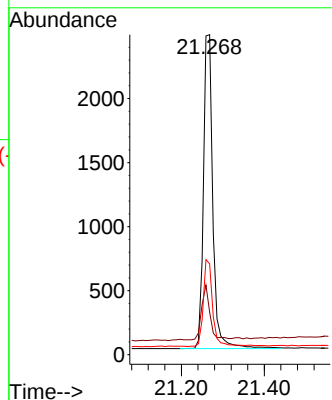
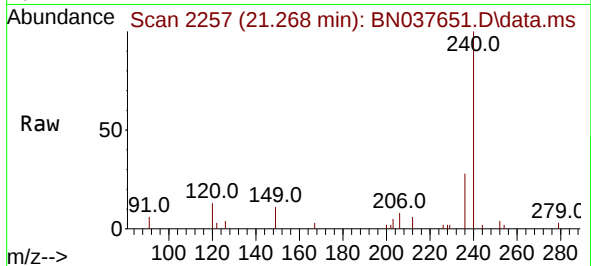




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037651.D
Acq: 28 Aug 2025 11:18

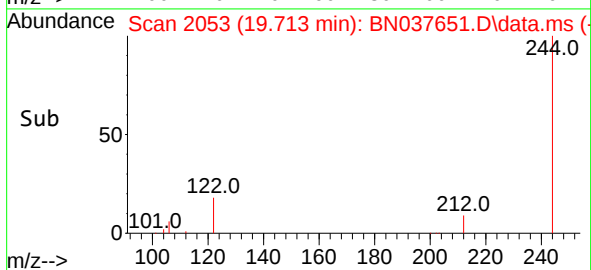
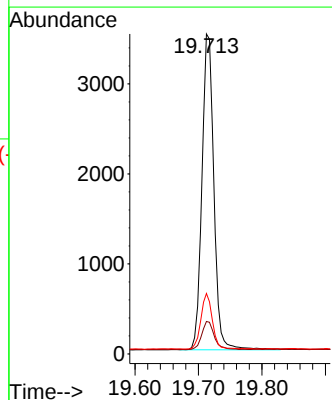
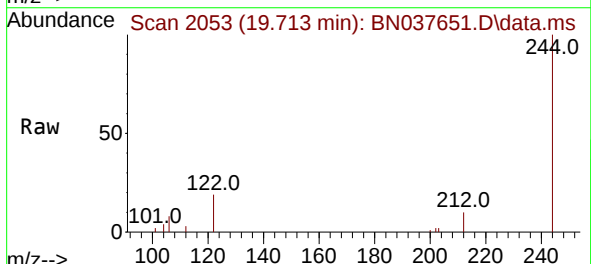
Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250821

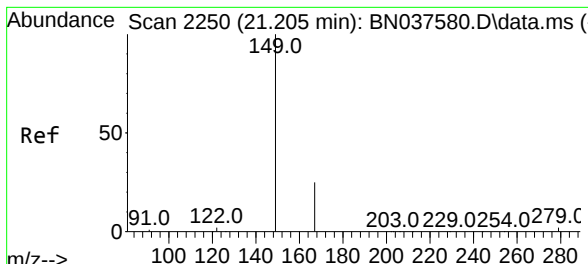
Tgt Ion:240 Resp: 3870
Ion Ratio Lower Upper
240 100
120 13.3 8.9 13.3
236 28.4 22.6 33.8



#31
Terphenyl-d14
Concen: 0.576 ng
RT: 19.713 min Scan# 2053
Delta R.T. -0.014 min
Lab File: BN037651.D
Acq: 28 Aug 2025 11:18

Tgt Ion:244 Resp: 4586
Ion Ratio Lower Upper
244 100
212 10.1 8.2 12.2
122 18.9 13.2 19.8

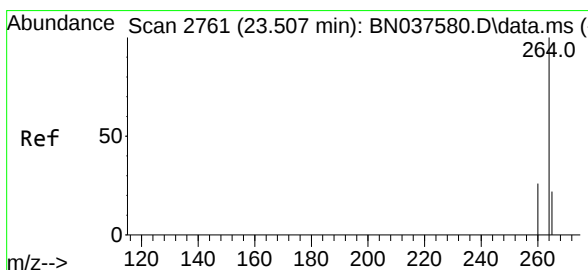
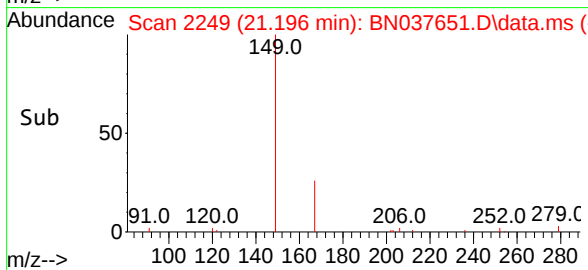
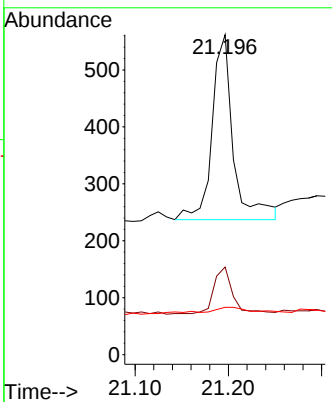
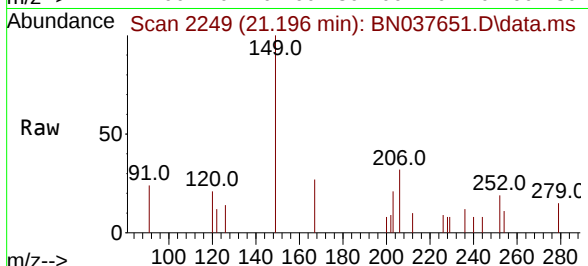




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.096 ng
 RT: 21.196 min Scan# 21196
 Delta R.T. -0.009 min
 Lab File: BN037651.D
 Acq: 28 Aug 2025 11:18

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-20250821

Tgt Ion:	149	Resp:	512
Ion Ratio	Lower	Upper	
149	100		
167	22.1	20.5	30.7
279	3.5	2.6	4.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.496 min Scan# 2757
 Delta R.T. -0.011 min
 Lab File: BN037651.D
 Acq: 28 Aug 2025 11:18

Tgt Ion:	264	Resp:	3373
Ion Ratio	Lower	Upper	
264	100		
260	27.5	21.6	32.4
265	90.4	48.2	72.4

