

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043025\
 Data File : BN036951.D
 Acq On : 30 Apr 2025 17:41
 Operator : RC/JU
 Sample : Q1886-01DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250423DL

Quant Time: Apr 30 18:07:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 28 15:35:03 2025
 Response via : Initial Calibration

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

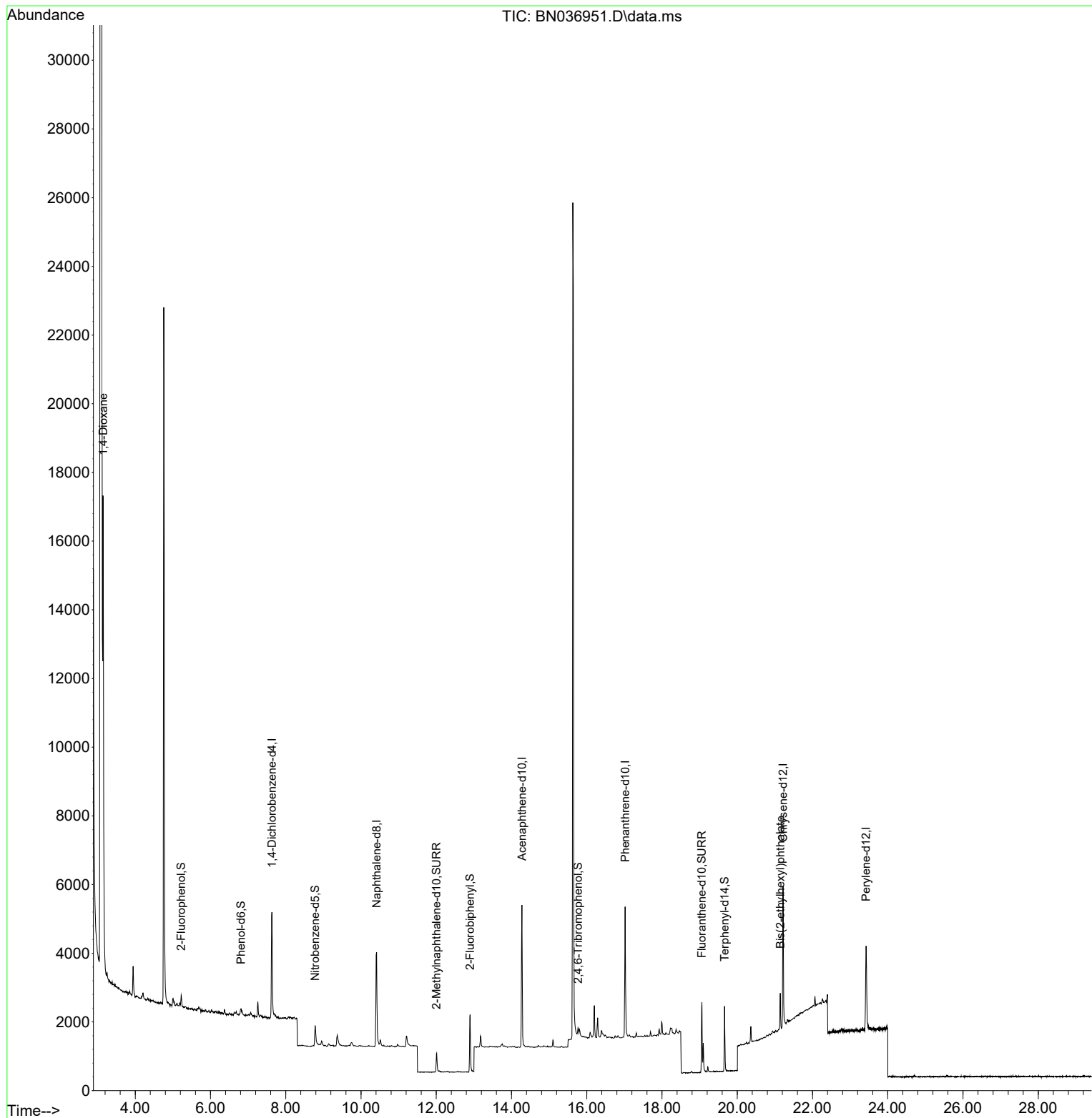
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	1638	0.400	ng	0.00
7) Naphthalene-d8	10.415	136	4145	0.400	ng	0.00
13) Acenaphthene-d10	14.277	164	2384	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	4971	0.400	ng	0.00
29) Chrysene-d12	21.215	240	3859	0.400	ng	0.00
35) Perylene-d12	23.424	264	3394	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.221	112	256	0.061	ng	0.00
5) Phenol-d6	6.809	99	190	0.037	ng	0.00
8) Nitrobenzene-d5	8.781	82	687	0.158	ng	0.00
11) 2-Methylnaphthalene-d10	12.006	152	885	0.153	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	124	0.117	ng	0.00
15) 2-Fluorobiphenyl	12.899	172	1598	0.139	ng	0.00
27) Fluoranthene-d10	19.059	212	2424	0.188	ng	0.00
31) Terphenyl-d14	19.663	244	1740	0.191	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.148	88	6508	3.188	ng	93
34) Bis(2-ethylhexyl)phtha...	21.144	149	1007	0.125	ng	# 97

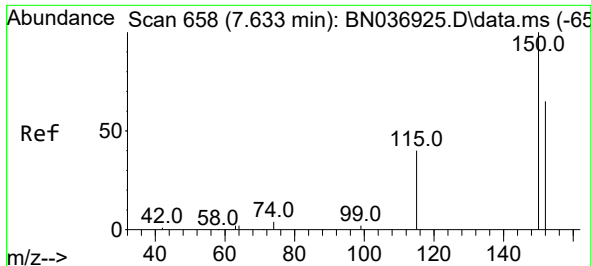
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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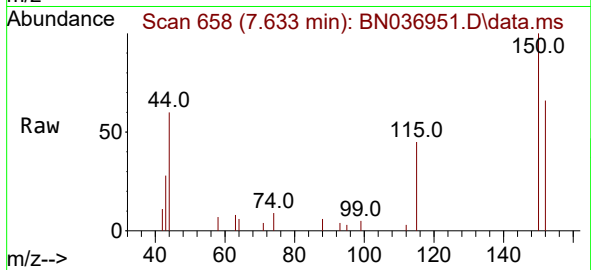
Quant Time: Apr 30 18:07:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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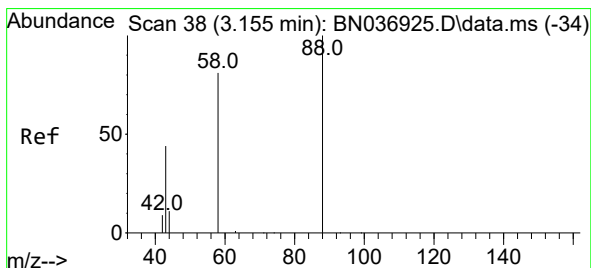
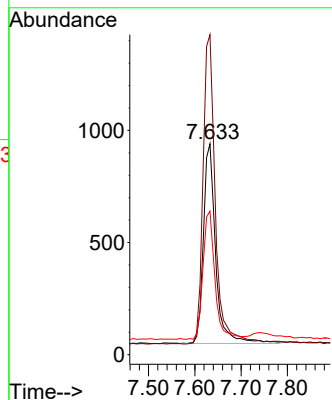
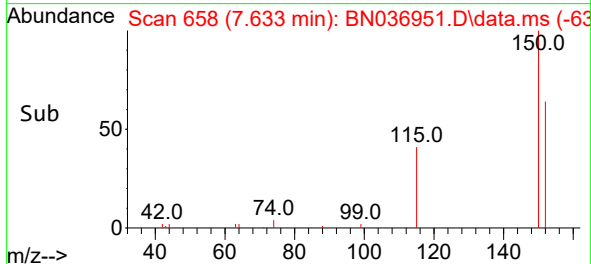


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.633 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN036951.D
 Acq: 30 Apr 2025 17:41

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250423DL

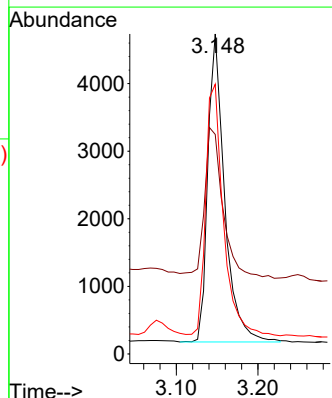
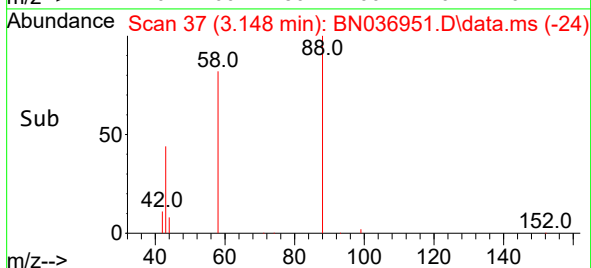
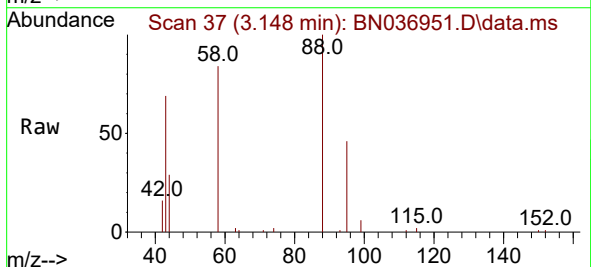


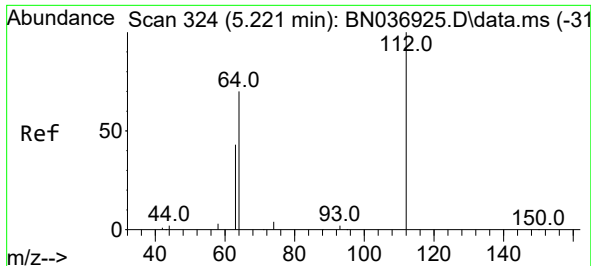
Tgt Ion:152 Resp: 1638
 Ion Ratio Lower Upper
 152 100
 150 151.8 121.1 181.7
 115 68.1 51.8 77.6



#2
 1,4-Dioxane
 Concen: 3.188 ng
 RT: 3.148 min Scan# 37
 Delta R.T. -0.007 min
 Lab File: BN036951.D
 Acq: 30 Apr 2025 17:41

Tgt Ion: 88 Resp: 6508
 Ion Ratio Lower Upper
 88 100
 43 54.6 37.9 56.9
 58 86.1 65.8 98.6

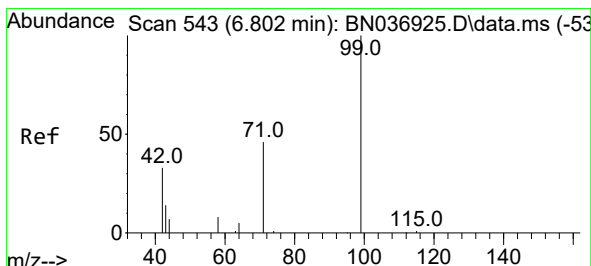
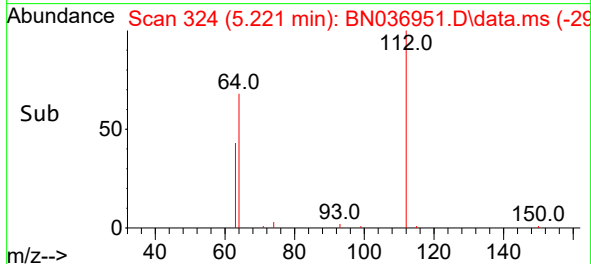
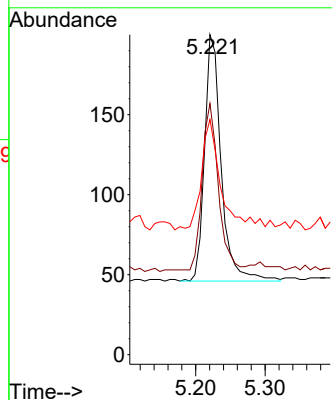
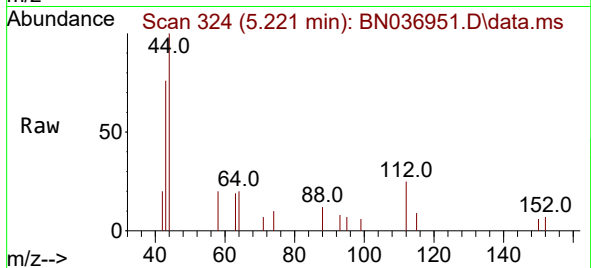




#4
2-Fluorophenol
Concen: 0.061 ng
RT: 5.221 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN036951.D
Acq: 30 Apr 2025 17:41

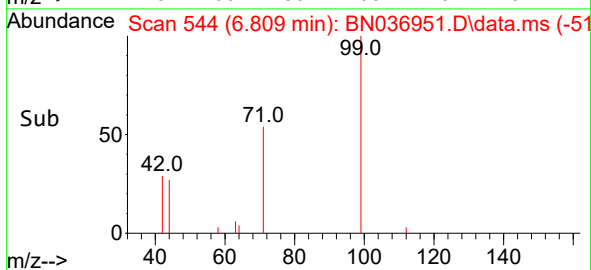
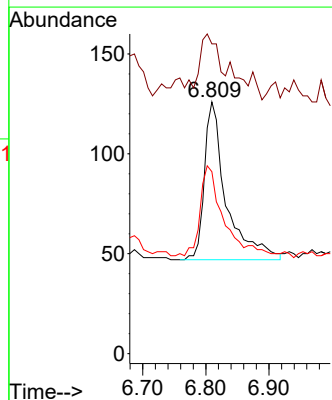
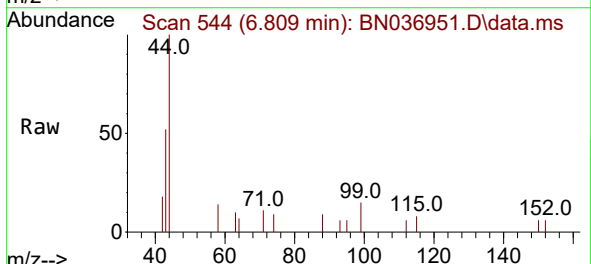
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250423DL

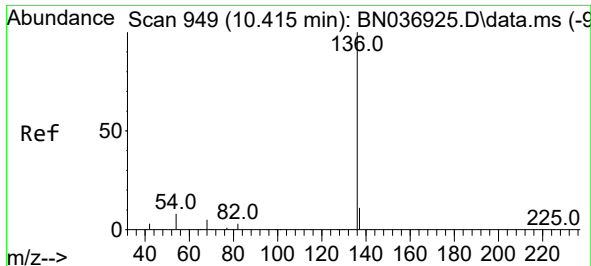
Tgt Ion:112 Resp: 256
Ion Ratio Lower Upper
112 100
64 65.6 55.7 83.5
63 52.7 33.9 50.9#



#5
Phenol-d6
Concen: 0.037 ng
RT: 6.809 min Scan# 544
Delta R.T. 0.007 min
Lab File: BN036951.D
Acq: 30 Apr 2025 17:41

Tgt Ion: 99 Resp: 190
Ion Ratio Lower Upper
99 100
42 26.3 29.6 44.4#
71 60.0 36.0 54.0#

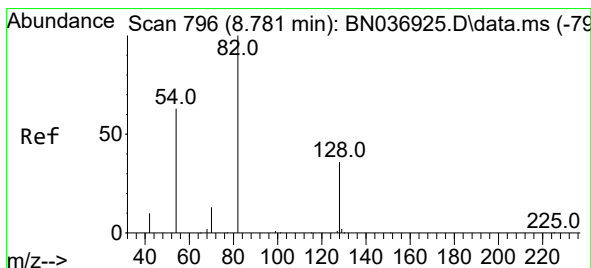
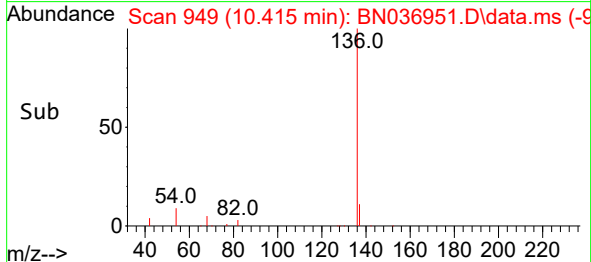
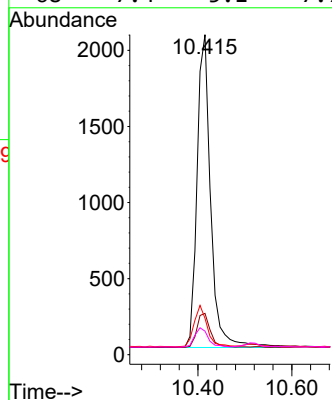
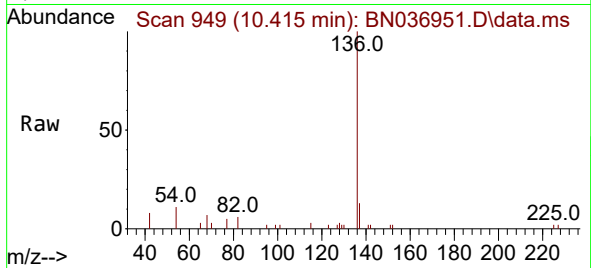




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.415 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN036951.D
Acq: 30 Apr 2025 17:41

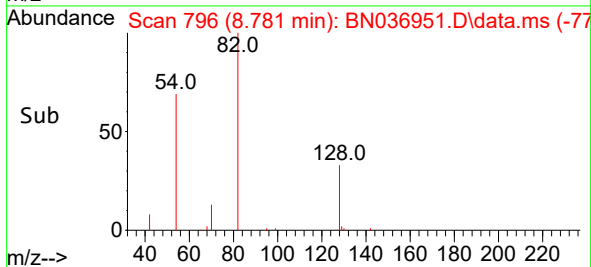
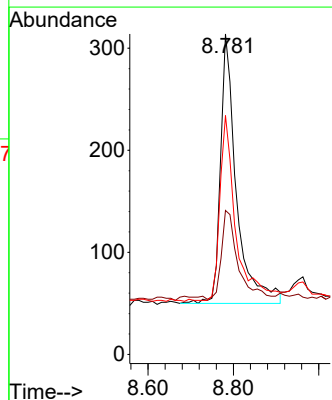
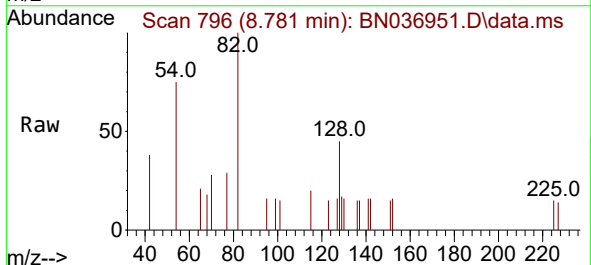
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250423DL

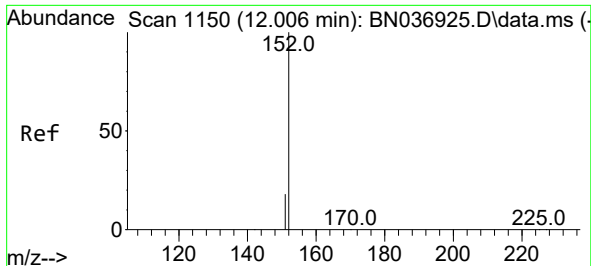
Tgt Ion:	136	Resp:	4145
Ion	Ratio	Lower	Upper
136	100		
137	12.9	9.7	14.5
54	11.4	8.0	12.0
68	7.4	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.158 ng
RT: 8.781 min Scan# 796
Delta R.T. -0.000 min
Lab File: BN036951.D
Acq: 30 Apr 2025 17:41

Tgt Ion:	82	Resp:	687
Ion	Ratio	Lower	Upper
82	100		
128	44.9	30.7	46.1
54	74.5	52.1	78.1

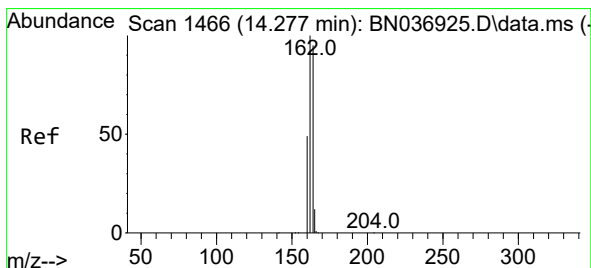
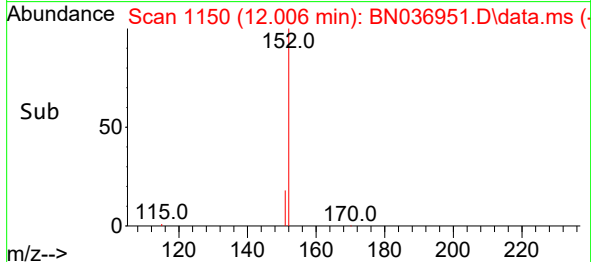
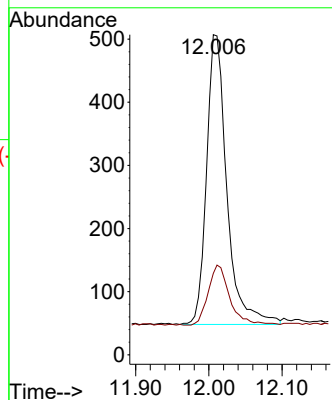
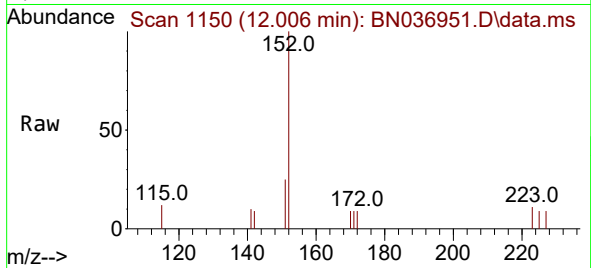




#11
2-Methylnaphthalene-d10
Concen: 0.153 ng
RT: 12.006 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BN036951.D
Acq: 30 Apr 2025 17:41

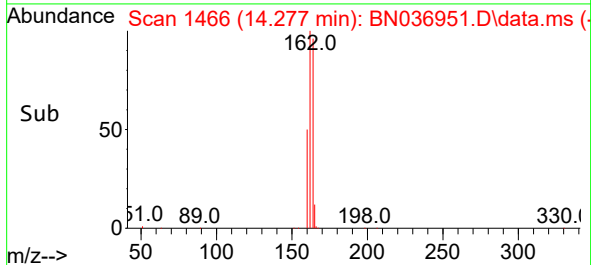
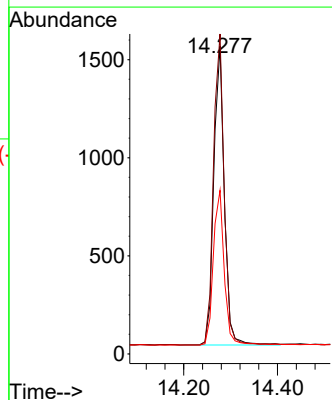
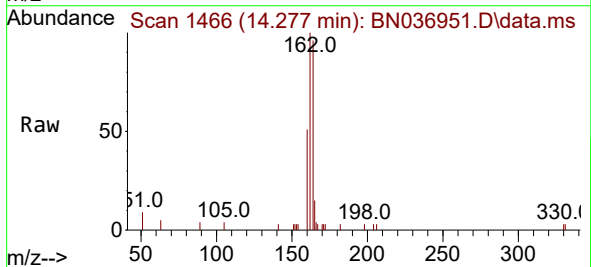
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250423DL

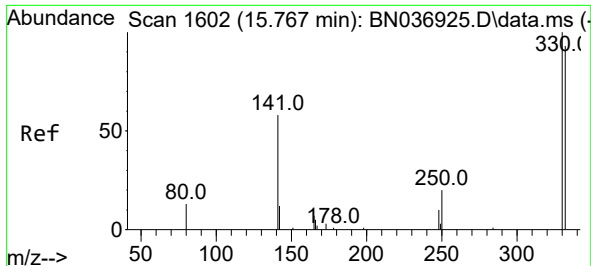
Tgt Ion:152 Resp: 885
Ion Ratio Lower Upper
152 100
151 22.1 16.9 25.3



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.277 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BN036951.D
Acq: 30 Apr 2025 17:41

Tgt Ion:164 Resp: 2384
Ion Ratio Lower Upper
164 100
162 104.0 83.8 125.8
160 53.2 42.0 63.0

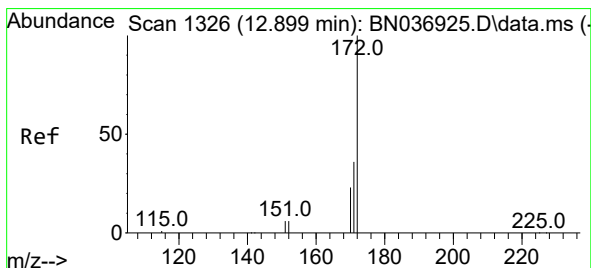
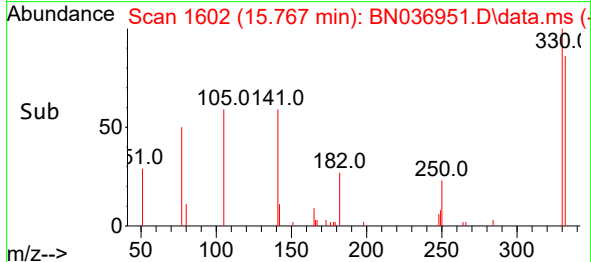
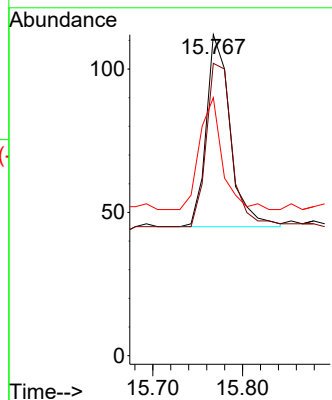
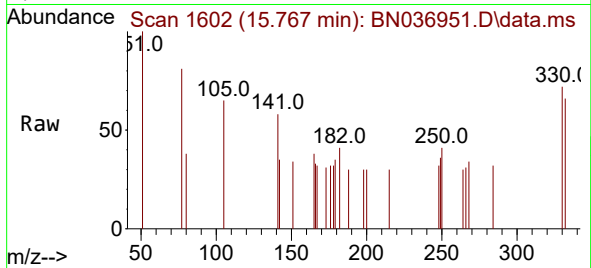




#14
2,4,6-Tribromophenol
Concen: 0.117 ng
RT: 15.767 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BN036951.D
Acq: 30 Apr 2025 17:41

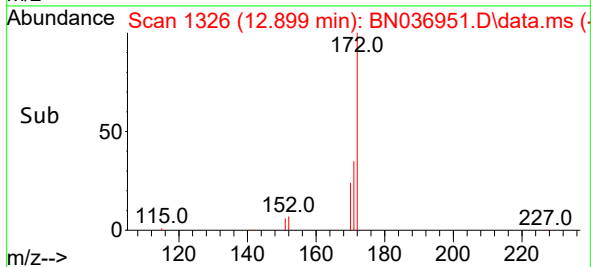
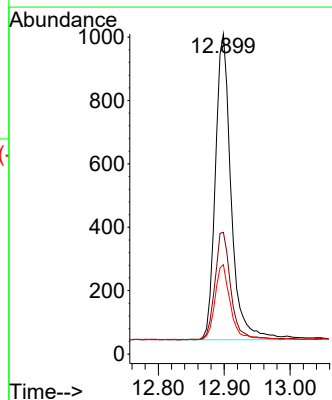
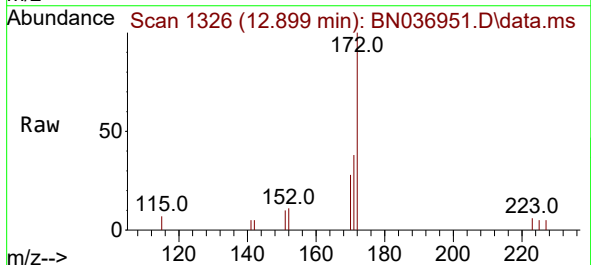
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250423DL

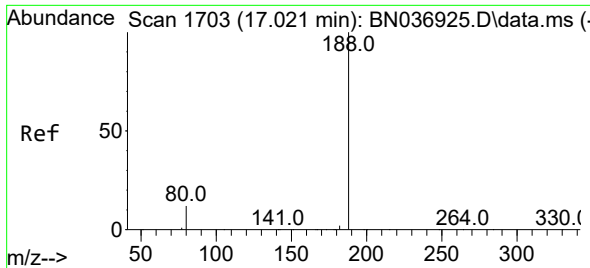
Tgt Ion:330 Resp: 124
Ion Ratio Lower Upper
330 100
332 92.7 76.3 114.5
141 55.6 45.4 68.2



#15
2-Fluorobiphenyl
Concen: 0.139 ng
RT: 12.899 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BN036951.D
Acq: 30 Apr 2025 17:41

Tgt Ion:172 Resp: 1598
Ion Ratio Lower Upper
172 100
171 38.0 29.4 44.0
170 27.9 19.4 29.0

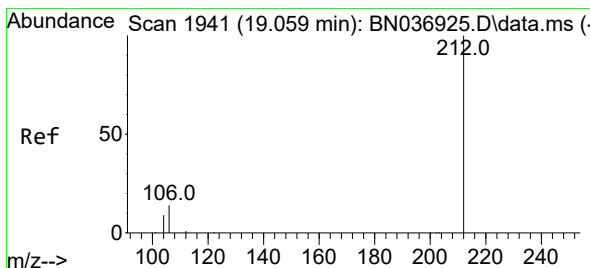
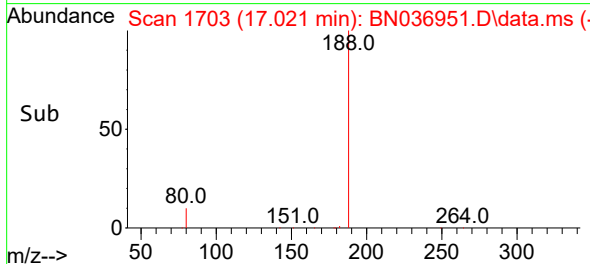
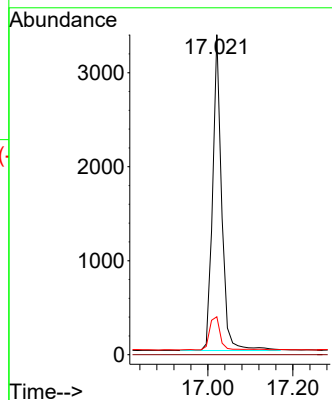
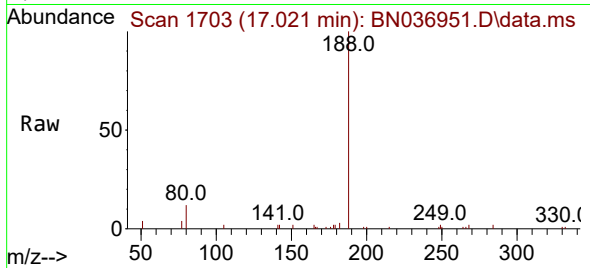




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.021 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN036951.D
Acq: 30 Apr 2025 17:41

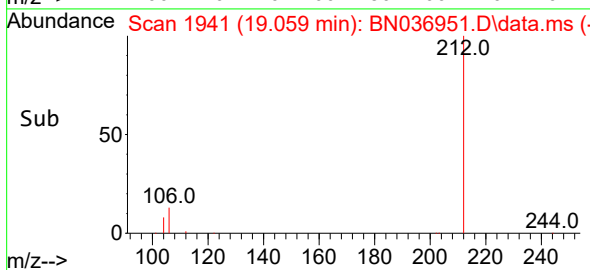
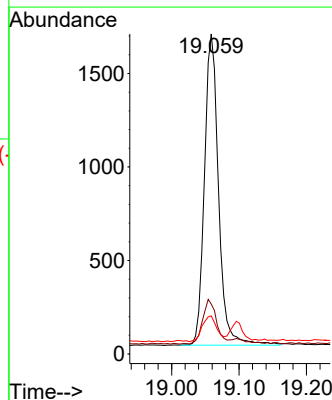
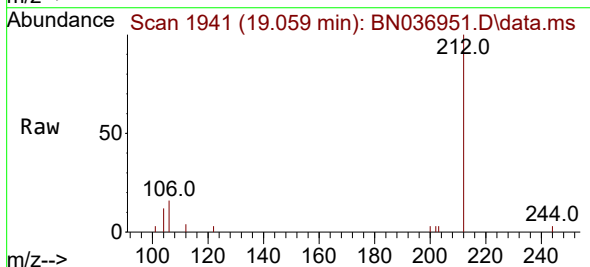
Instrument :
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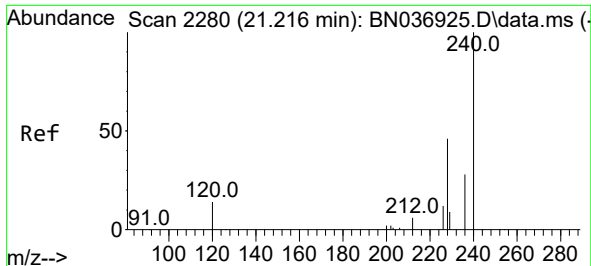
Tgt Ion:188 Resp: 4971
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.8 10.7 16.1



#27
Fluoranthene-d10
Concen: 0.188 ng
RT: 19.059 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BN036951.D
Acq: 30 Apr 2025 17:41

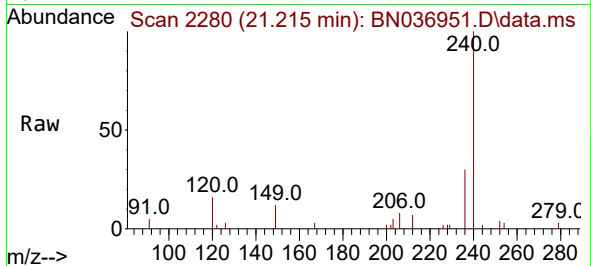
Tgt Ion:212 Resp: 2424
Ion Ratio Lower Upper
212 100
106 14.2 11.6 17.4
104 8.5 7.0 10.4



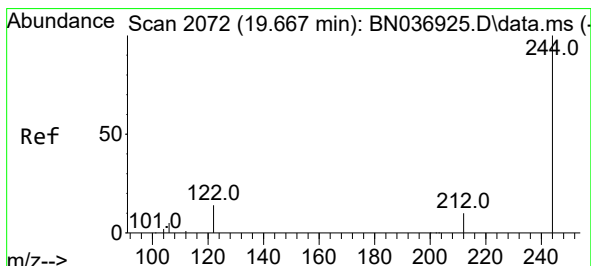
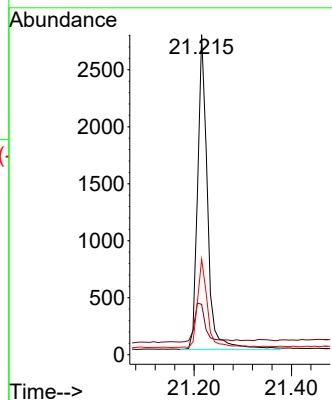
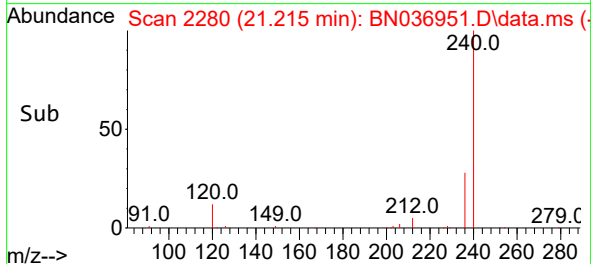


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.215 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN036951.D
Acq: 30 Apr 2025 17:41

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250423DL

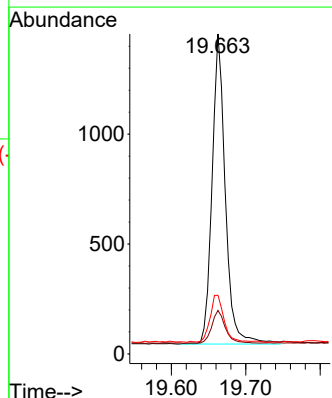
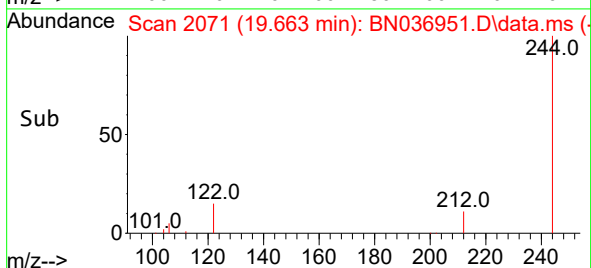
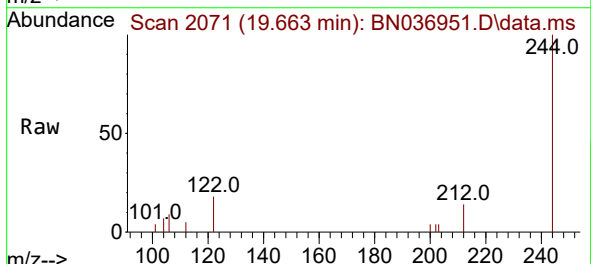


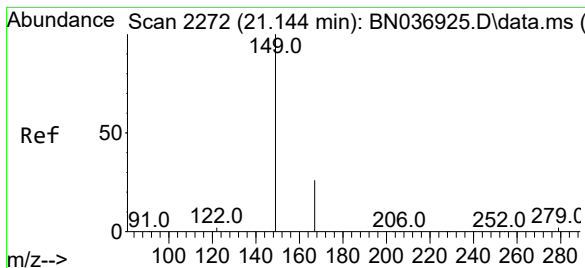
Tgt Ion:240 Resp: 3859
Ion Ratio Lower Upper
240 100
120 15.7 14.1 21.1
236 29.8 23.8 35.8



#31
Terphenyl-d14
Concen: 0.191 ng
RT: 19.663 min Scan# 2071
Delta R.T. -0.005 min
Lab File: BN036951.D
Acq: 30 Apr 2025 17:41

Tgt Ion:244 Resp: 1740
Ion Ratio Lower Upper
244 100
212 13.6 9.6 14.4
122 18.3 12.7 19.1

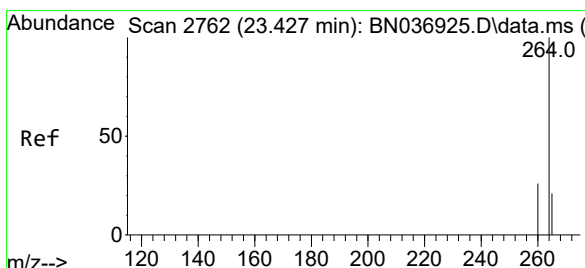
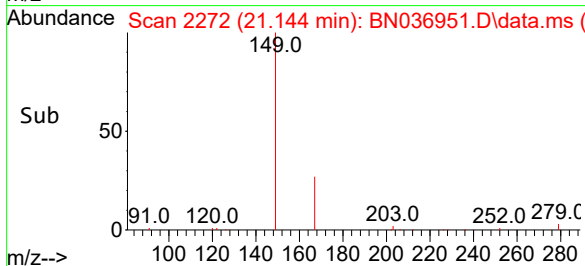
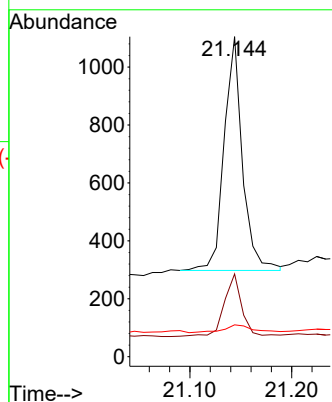
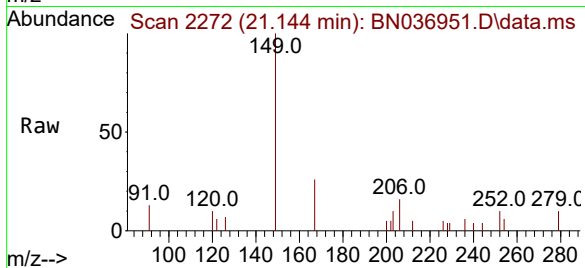




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.125 ng
RT: 21.144 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BN036951.D
Acq: 30 Apr 2025 17:41

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250423DL

Tgt Ion:149 Resp: 1007
Ion Ratio Lower Upper
149 100
167 25.2 21.0 31.6
279 5.4 2.7 4.1#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.424 min Scan# 2761
Delta R.T. -0.003 min
Lab File: BN036951.D
Acq: 30 Apr 2025 17:41

Tgt Ion:264 Resp: 3394
Ion Ratio Lower Upper
264 100
260 27.9 22.2 33.2
265 77.2 65.8 98.6

