

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037893.D
 Acq On : 25 Sep 2025 17:38
 Operator : RC/JU
 Sample : Q3142-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20250918

Quant Time: Sep 25 18:02:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 11:00:01 2025
 Response via : Initial Calibration

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

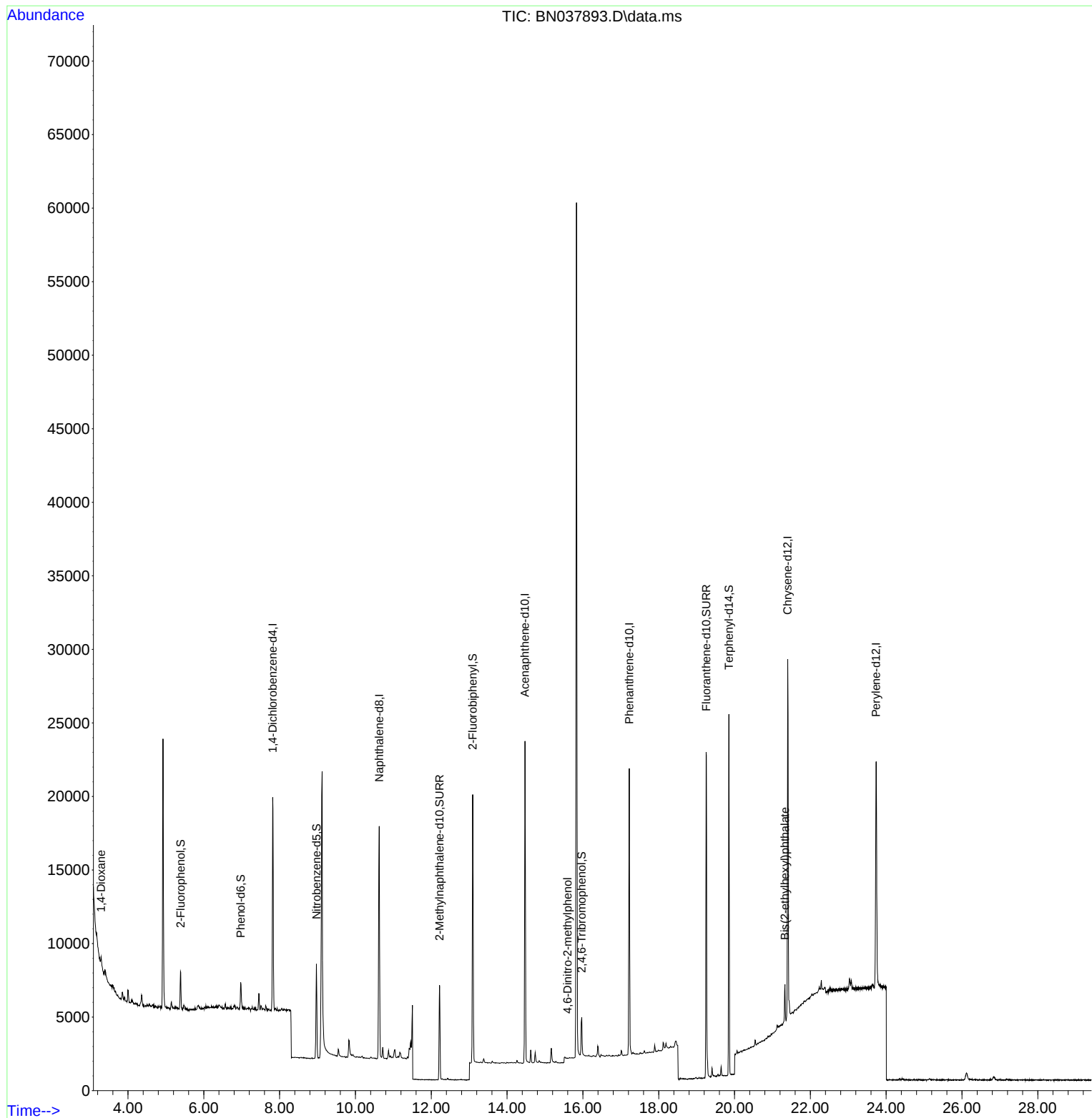
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	7267	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	21101	0.400	ng	0.00
13) Acenaphthene-d10	14.473	164	11824	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	24782	0.400	ng	0.00
29) Chrysene-d12	21.402	240	22644	0.400	ng	# 0.00
35) Perylene-d12	23.735	264	21595	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.391	112	2209	0.133	ng	0.00
5) Phenol-d6	6.973	99	1709	0.078	ng	0.00
8) Nitrobenzene-d5	8.971	82	4856	0.302	ng	0.00
11) 2-Methylnaphthalene-d10	12.217	152	8863	0.302	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1612	0.360	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	15642	0.323	ng	0.00
27) Fluoranthene-d10	19.257	212	24253	0.389	ng	0.00
31) Terphenyl-d14	19.852	244	22794	0.505	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	409	0.055	ng	# 26
20) 4,6-Dinitro-2-methylph...	15.597	198	14	0.072	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.330	149	2949	0.094	ng	# 96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
Data File : BN037893.D
Acq On : 25 Sep 2025 17:38
Operator : RC/JU
Sample : Q3142-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250918

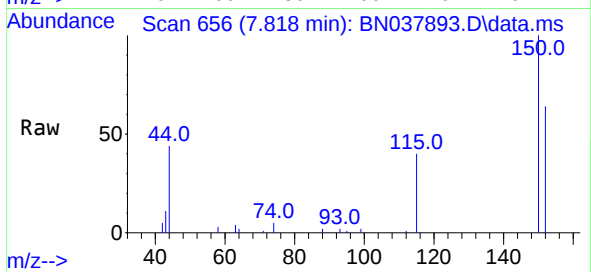
Quant Time: Sep 25 18:02:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration



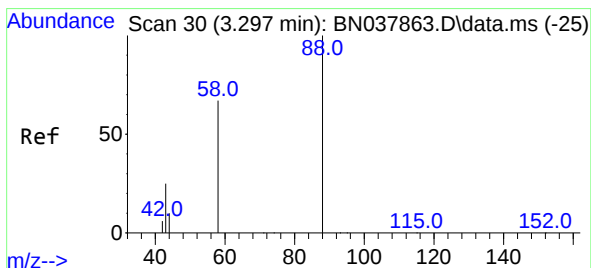
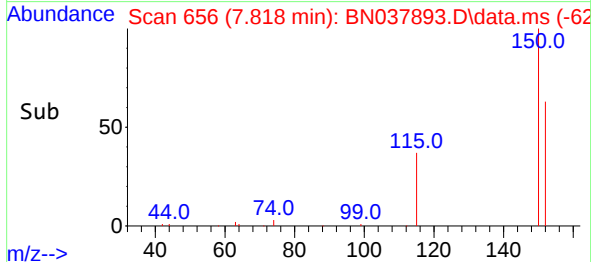
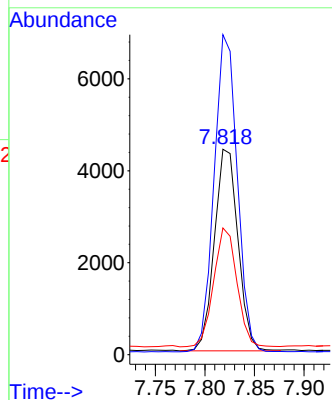


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.818 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037893.D
 Acq: 25 Sep 2025 17:38

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20250918

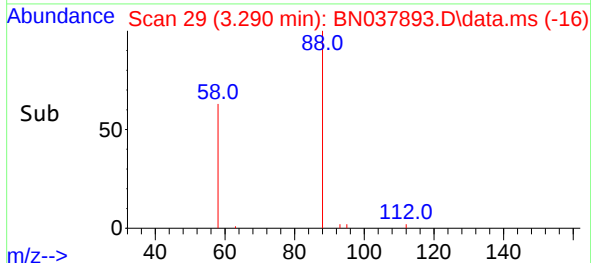
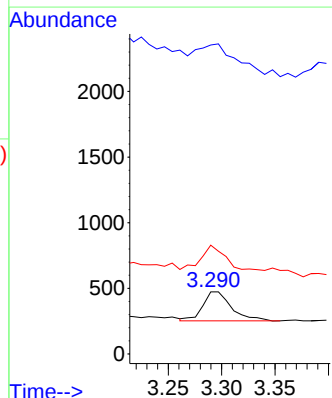
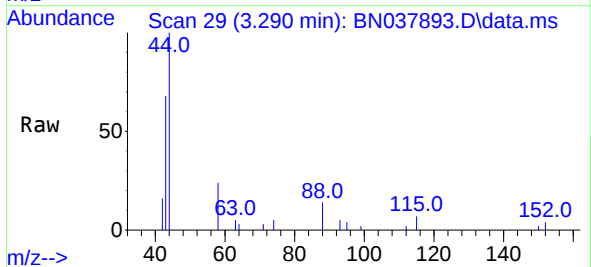


Tgt Ion:152 Resp: 7267
 Ion Ratio Lower Upper
 152 100
 150 155.8 121.0 181.4
 115 61.7 47.4 71.0



#2
 1,4-Dioxane
 Concen: 0.055 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN037893.D
 Acq: 25 Sep 2025 17:38

Tgt Ion: 88 Resp: 409
 Ion Ratio Lower Upper
 88 100
 43 165.8 26.6 39.8#
 58 71.9 58.9 88.3

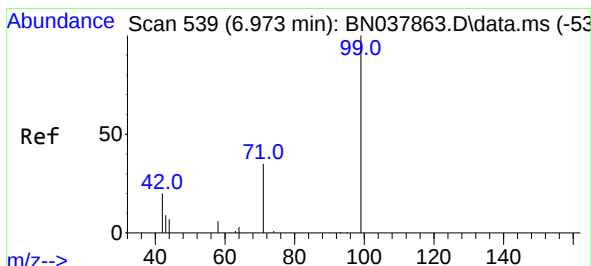
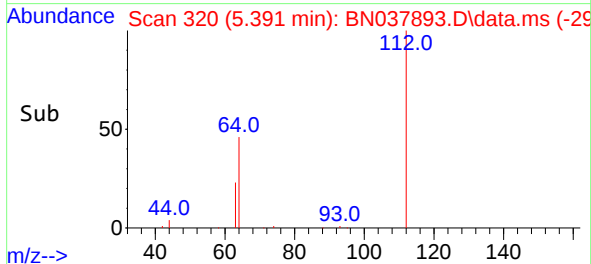
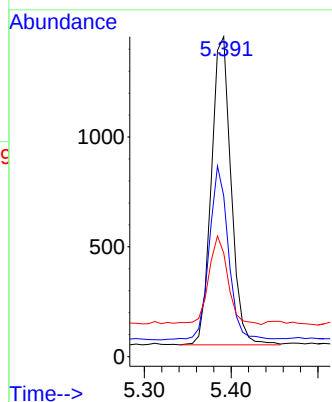
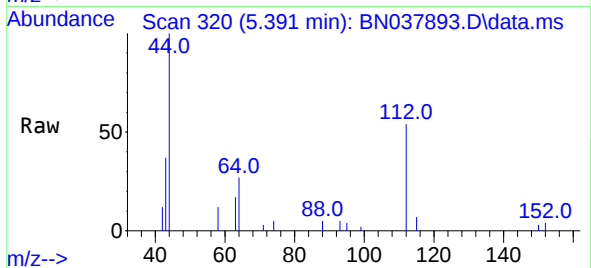




#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.391 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN037893.D
Acq: 25 Sep 2025 17:38

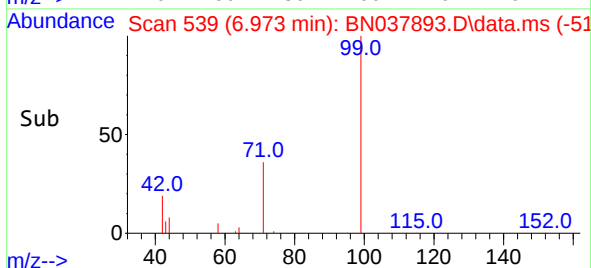
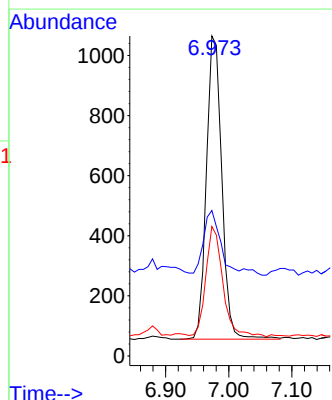
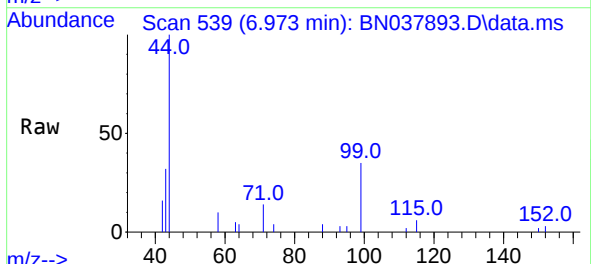
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250918

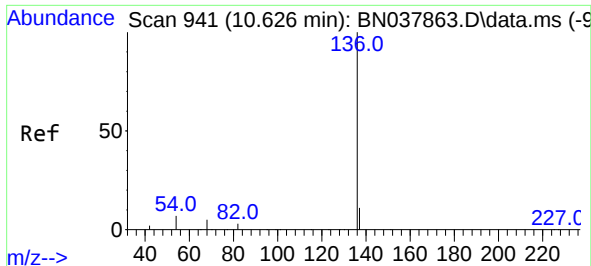
Tgt Ion:112 Resp: 2209
Ion Ratio Lower Upper
112 100
64 55.0 44.6 66.8
63 27.6 24.9 37.3



#5
Phenol-d6
Concen: 0.078 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037893.D
Acq: 25 Sep 2025 17:38

Tgt Ion: 99 Resp: 1709
Ion Ratio Lower Upper
99 100
42 21.4 17.2 25.8
71 40.3 27.3 40.9

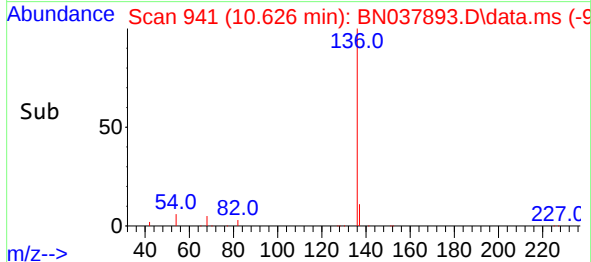
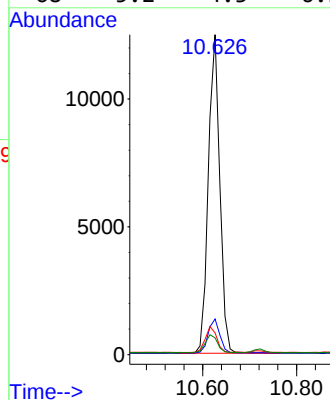
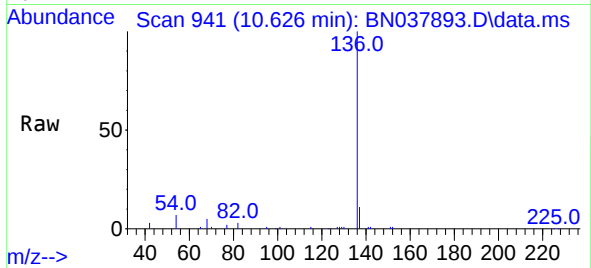




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN037893.D
Acq: 25 Sep 2025 17:38

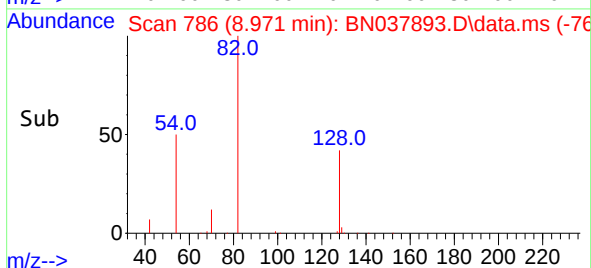
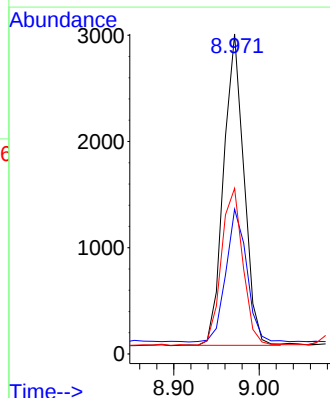
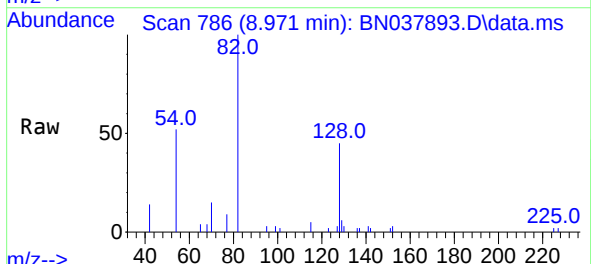
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250918

Tgt Ion:	136	Resp:	21101
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.8	5.8	8.8
68	5.2	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.302 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN037893.D
Acq: 25 Sep 2025 17:38

Tgt Ion:	82	Resp:	4856
Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.8	52.2
54	51.8	42.2	63.2

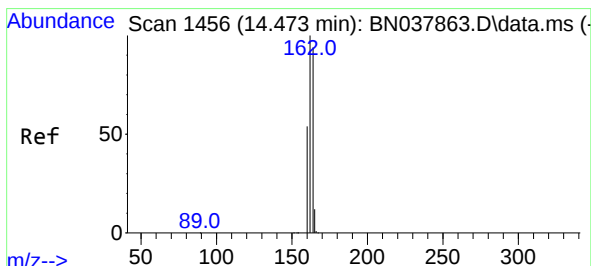
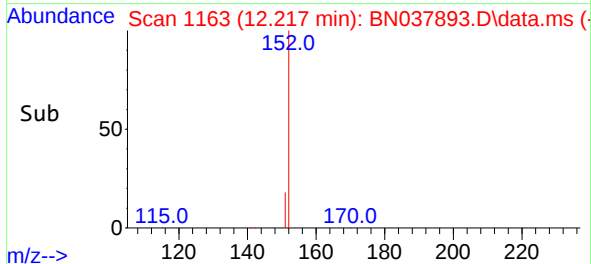
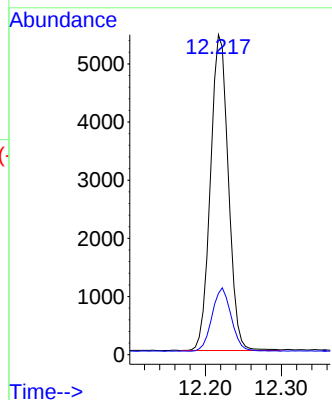
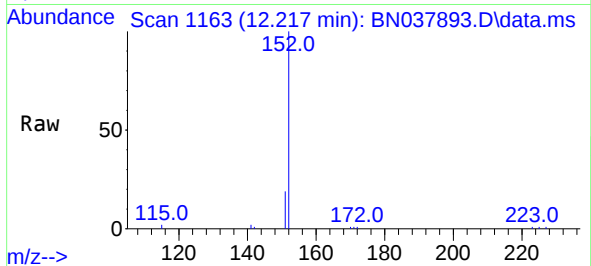




#11
2-Methylnaphthalene-d10
Concen: 0.302 ng
RT: 12.217 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BN037893.D
Acq: 25 Sep 2025 17:38

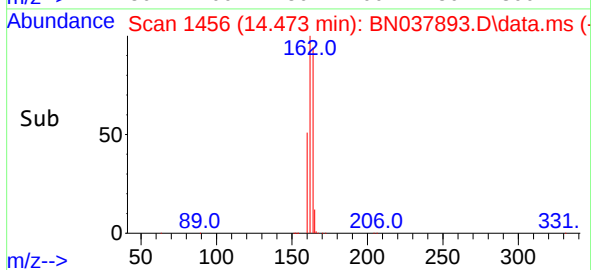
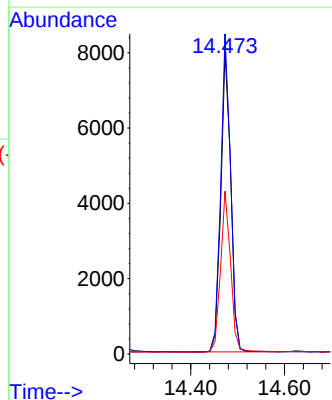
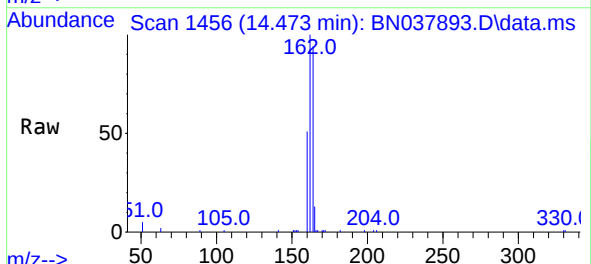
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250918

Tgt Ion:152 Resp: 8863
Ion Ratio Lower Upper
152 100
151 21.6 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.473 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN037893.D
Acq: 25 Sep 2025 17:38

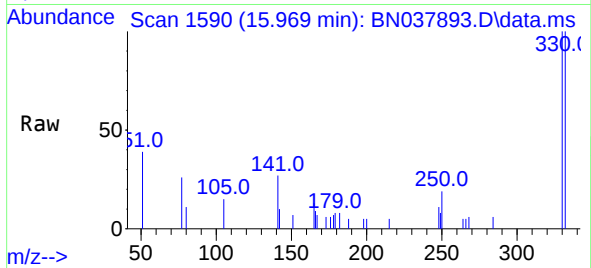
Tgt Ion:164 Resp: 11824
Ion Ratio Lower Upper
164 100
162 105.9 84.8 127.2
160 53.9 46.1 69.1



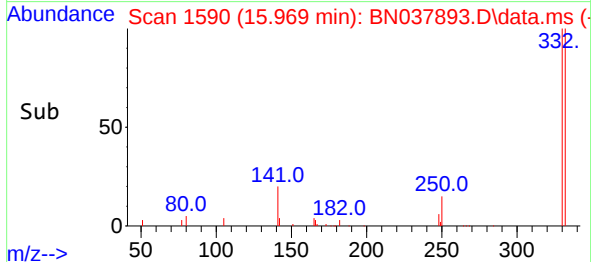
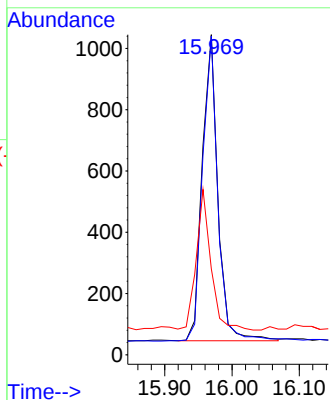


#14
2,4,6-Tribromophenol
Concen: 0.360 ng
RT: 15.969 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN037893.D
Acq: 25 Sep 2025 17:38

Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250918

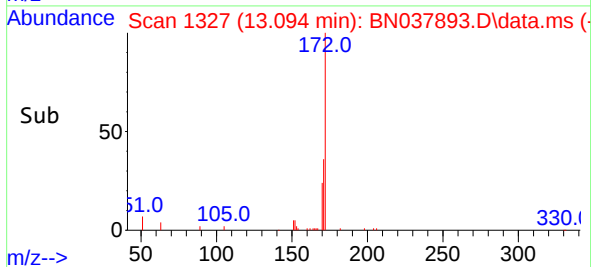
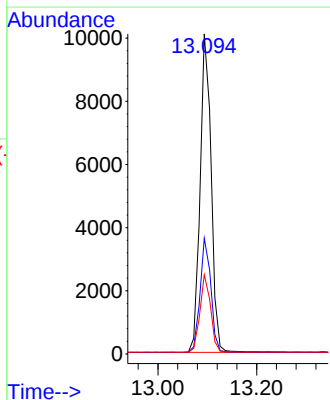
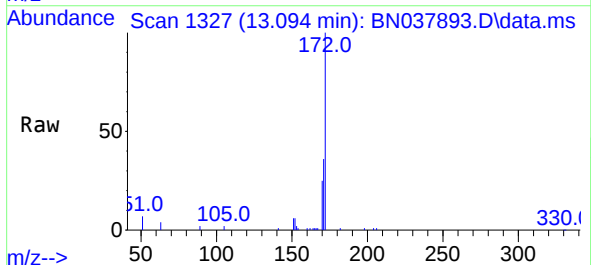


Tgt Ion:330 Resp: 1612
Ion Ratio Lower Upper
330 100
332 98.5 77.2 115.8
141 42.6 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 13.094 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BN037893.D
Acq: 25 Sep 2025 17:38

Tgt Ion:172 Resp: 15642
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 24.7 19.7 29.5

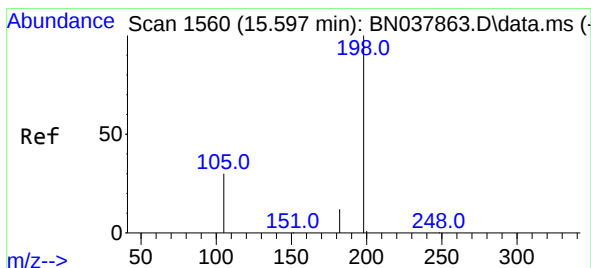
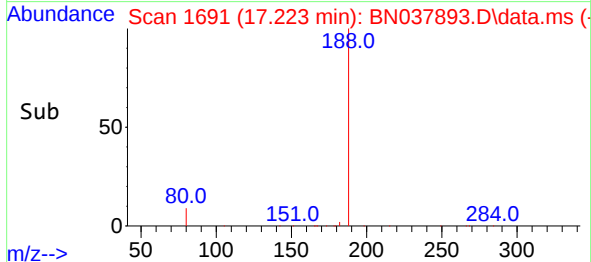
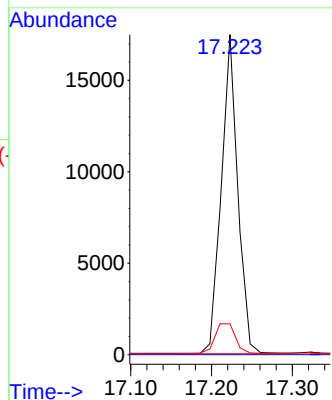
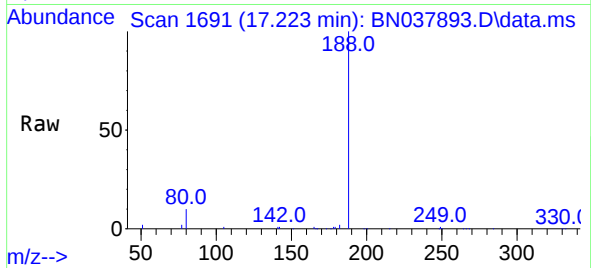




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037893.D
Acq: 25 Sep 2025 17:38

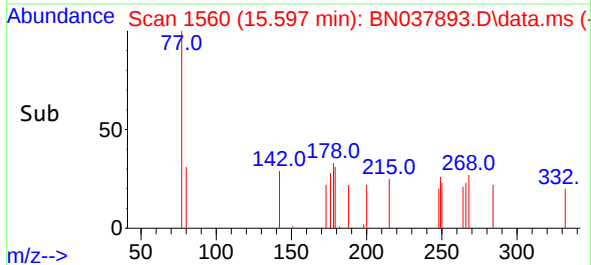
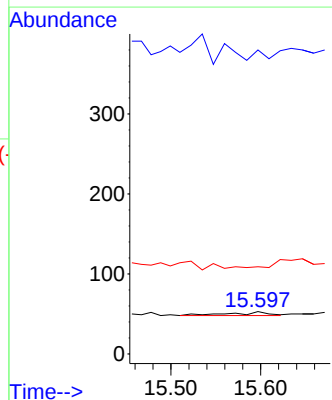
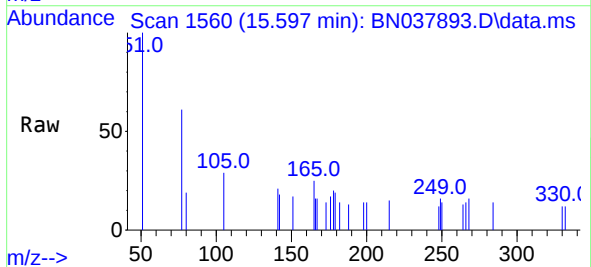
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250918

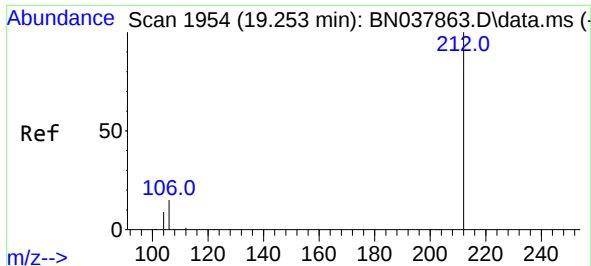
Tgt Ion:188 Resp: 24782
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 7.6 11.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.072 ng
RT: 15.597 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN037893.D
Acq: 25 Sep 2025 17:38

Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
51 717.0 59.1 88.7#
105 205.7 41.3 61.9#

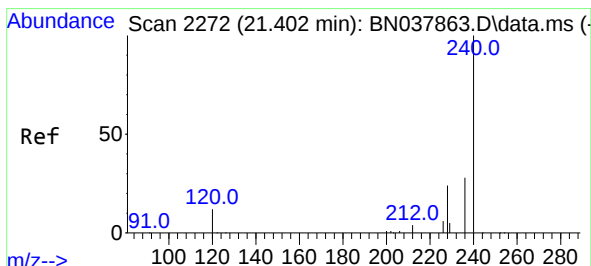
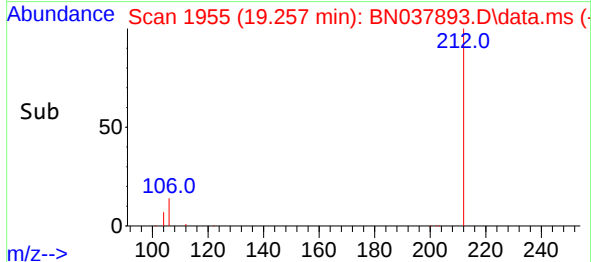
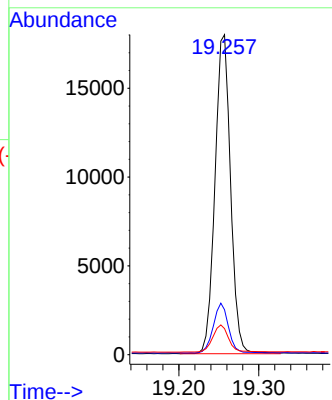
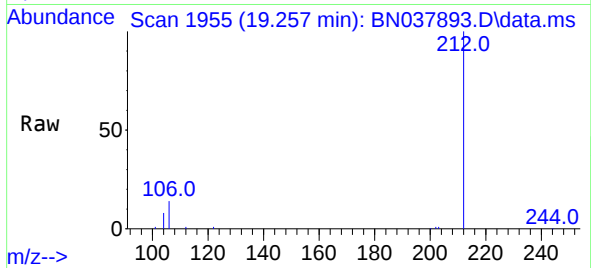




#27
Fluoranthene-d10
Concen: 0.389 ng
RT: 19.257 min Scan# 1955
Delta R.T. 0.004 min
Lab File: BN037893.D
Acq: 25 Sep 2025 17:38

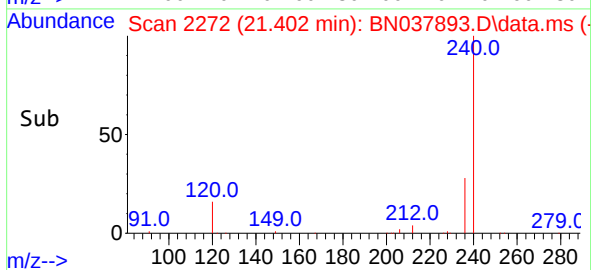
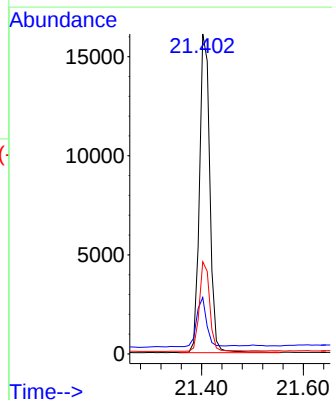
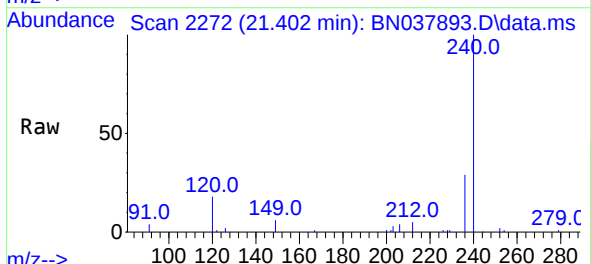
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250918

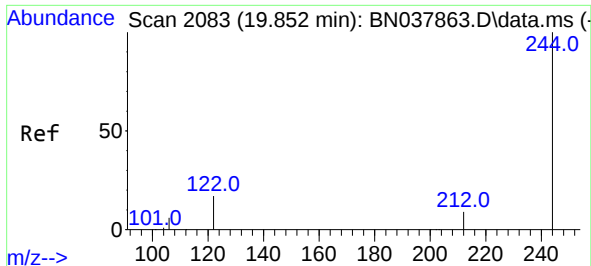
Tgt Ion:212 Resp: 24253
Ion Ratio Lower Upper
212 100
106 15.1 12.6 19.0
104 8.8 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BN037893.D
Acq: 25 Sep 2025 17:38

Tgt Ion:240 Resp: 22644
Ion Ratio Lower Upper
240 100
120 17.7 11.4 17.2#
236 28.8 23.0 34.6

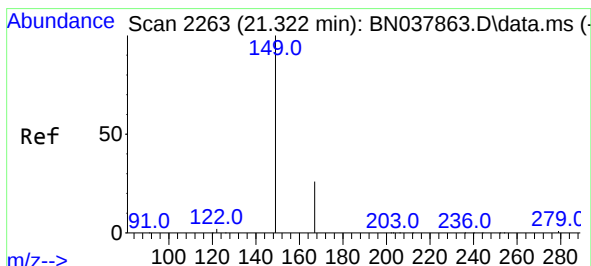
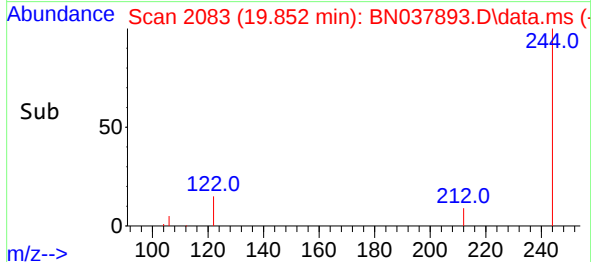
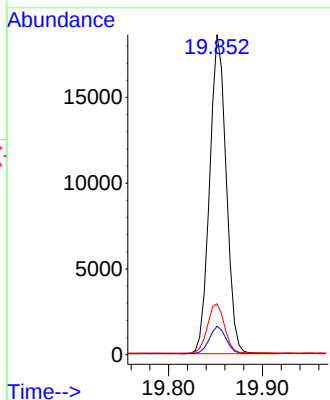
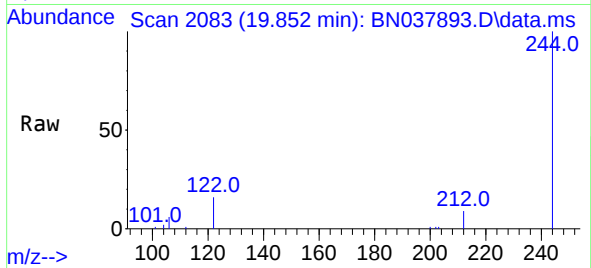




#31
Terphenyl-d14
Concen: 0.505 ng
RT: 19.852 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BN037893.D
Acq: 25 Sep 2025 17:38

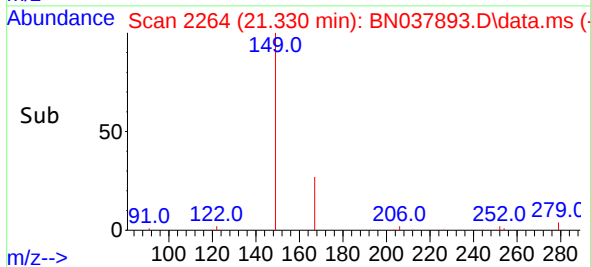
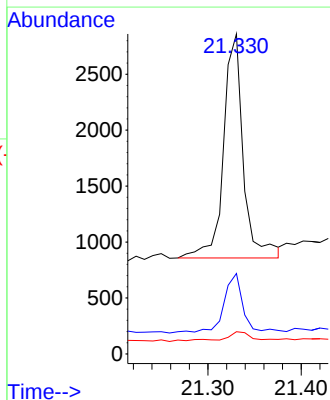
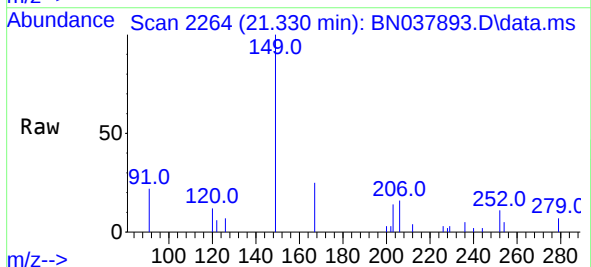
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250918

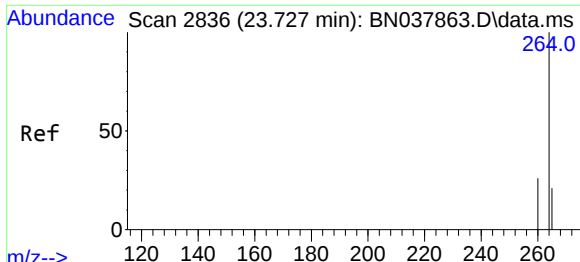
Tgt Ion:244 Resp: 22794
Ion Ratio Lower Upper
244 100
212 8.9 7.6 11.4
122 15.9 13.9 20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.094 ng
RT: 21.330 min Scan# 2264
Delta R.T. 0.009 min
Lab File: BN037893.D
Acq: 25 Sep 2025 17:38

Tgt Ion:149 Resp: 2949
Ion Ratio Lower Upper
149 100
167 23.7 20.4 30.6
279 4.8 2.4 3.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.735 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN037893.D
Acq: 25 Sep 2025 17:38

Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250918

Tgt Ion:	264	Resp:	21595
Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.5	32.3
265	65.2	53.8	80.6

