

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037894.D
 Acq On : 25 Sep 2025 18:15
 Operator : RC/JU
 Sample : Q3142-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-20250918

Quant Time: Sep 25 18:39:43 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)

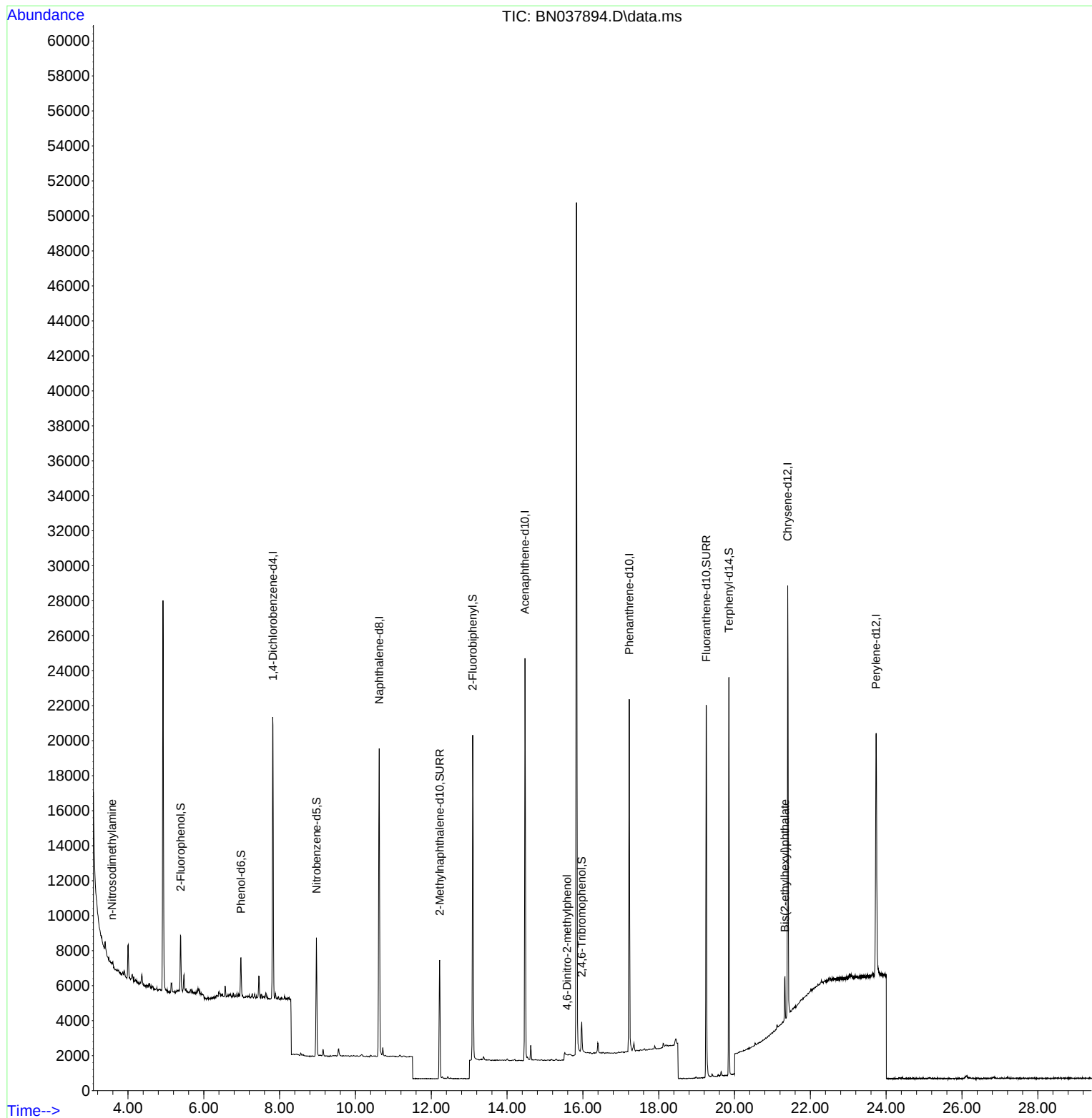
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	8049	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	22980	0.400	ng	0.00
13) Acenaphthene-d10	14.473	164	12284	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	25675	0.400	ng	0.00
29) Chrysene-d12	21.402	240	22098	0.400	ng	0.00
35) Perylene-d12	23.735	264	19813	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.391	112	2708	0.147	ng	0.00
5) Phenol-d6	6.980	99	2129	0.088	ng	0.00
8) Nitrobenzene-d5	8.971	82	5154	0.294	ng	0.00
11) 2-Methylnaphthalene-d10	12.222	152	9376	0.294	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1049	0.225	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	16737	0.333	ng	0.00
27) Fluoranthene-d10	19.257	212	23701	0.367	ng	0.00
31) Terphenyl-d14	19.851	244	21082	0.479	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.578	42	237	0.022	ng	# 8
20) 4,6-Dinitro-2-methylph...	15.584	198	4	0.069	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.330	149	2568	0.084	ng	# 97

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

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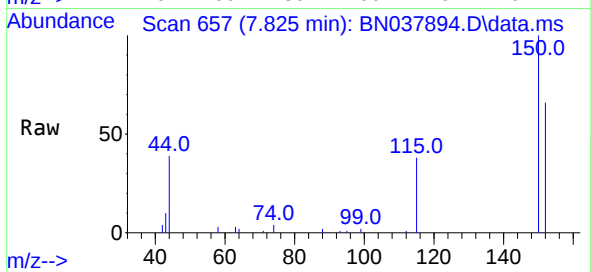
Quant Time: Sep 25 18:39:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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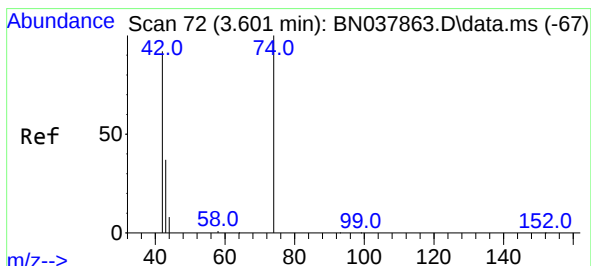
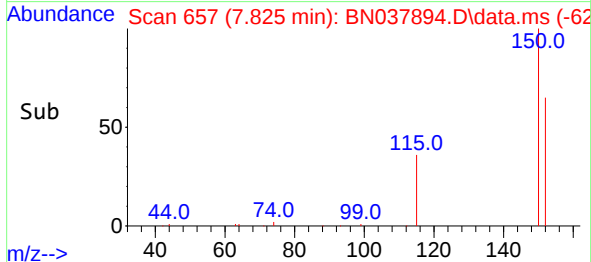
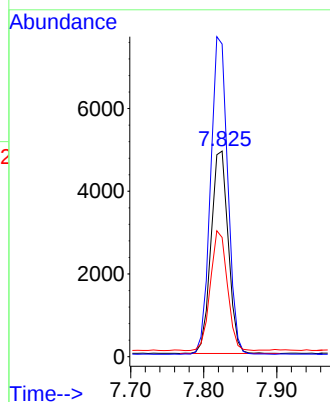


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.825 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN037894.D
Acq: 25 Sep 2025 18:15

Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250918

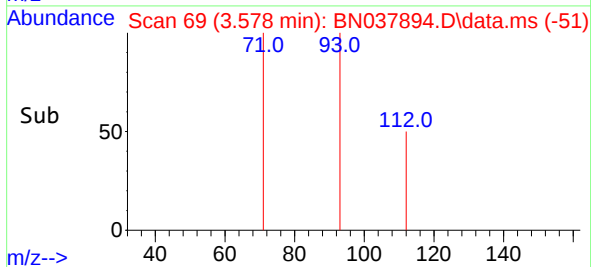
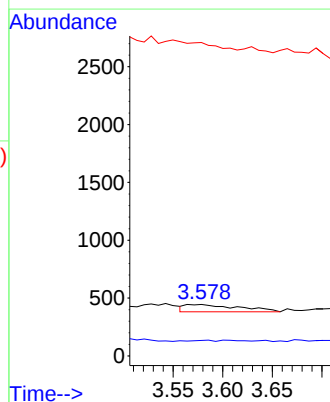
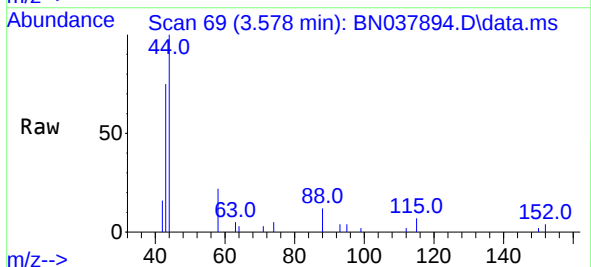


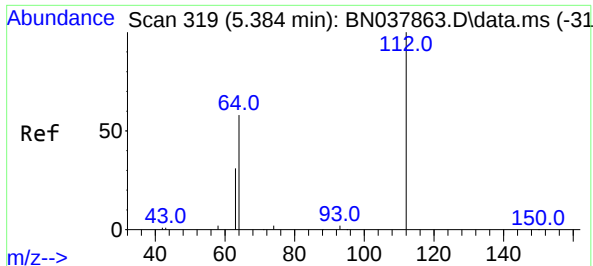
Tgt Ion:152 Resp: 8049
Ion Ratio Lower Upper
152 100
150 152.1 121.0 181.4
115 58.0 47.4 71.0



#3
n-Nitrosodimethylamine
Concen: 0.022 ng
RT: 3.578 min Scan# 69
Delta R.T. -0.022 min
Lab File: BN037894.D
Acq: 25 Sep 2025 18:15

Tgt Ion: 42 Resp: 237
Ion Ratio Lower Upper
42 100
74 5.9 93.4 140.0#
44 0.0 22.2 33.4#

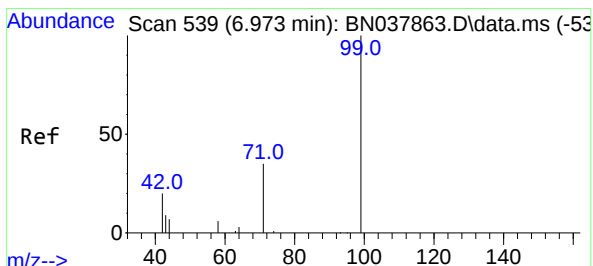
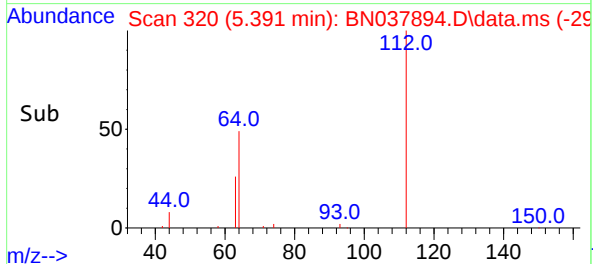
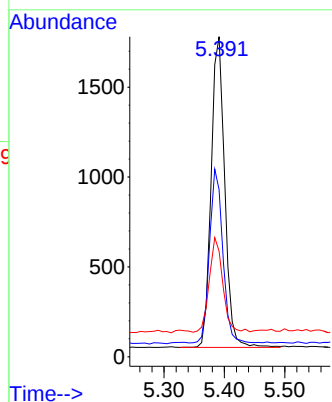
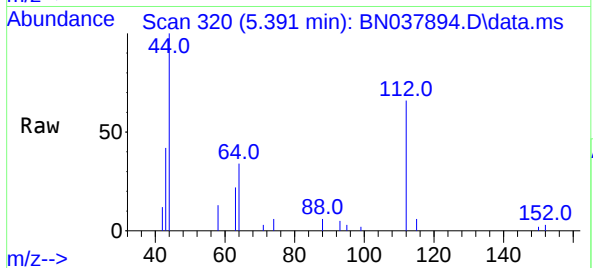




#4
2-Fluorophenol
Concen: 0.147 ng
RT: 5.391 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN037894.D
Acq: 25 Sep 2025 18:15

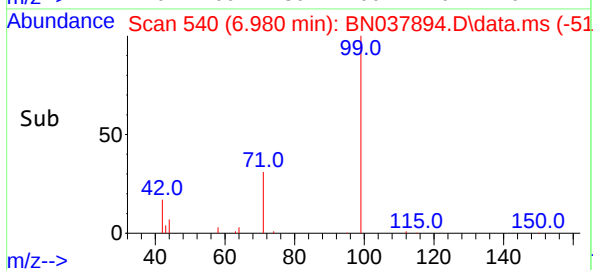
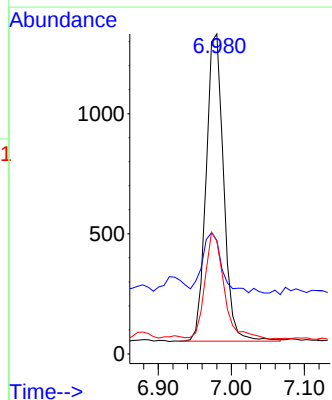
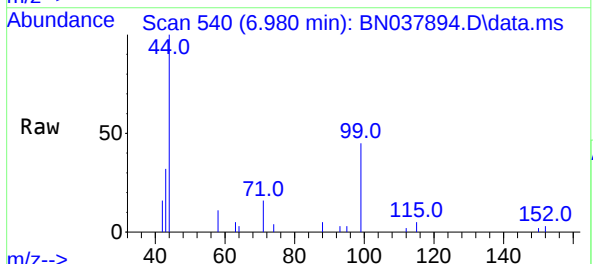
Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250918

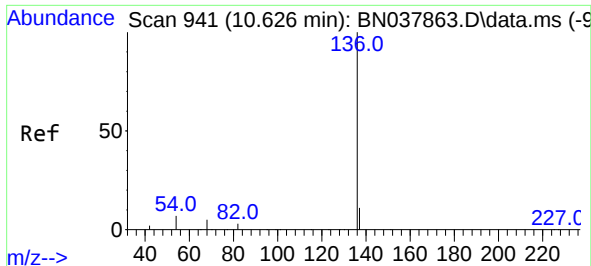
Tgt Ion:112 Resp: 2708
Ion Ratio Lower Upper
112 100
64 54.3 44.6 66.8
63 30.1 24.9 37.3



#5
Phenol-d6
Concen: 0.088 ng
RT: 6.980 min Scan# 540
Delta R.T. 0.007 min
Lab File: BN037894.D
Acq: 25 Sep 2025 18:15

Tgt Ion: 99 Resp: 2129
Ion Ratio Lower Upper
99 100
42 20.9 17.2 25.8
71 37.8 27.3 40.9

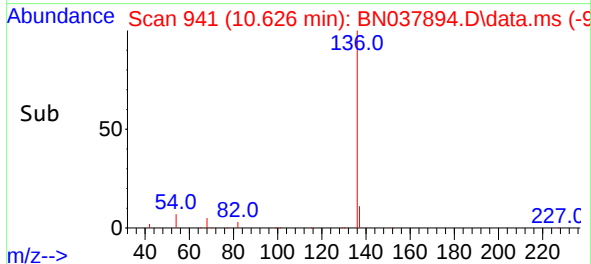
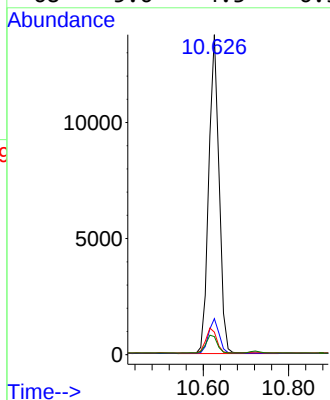
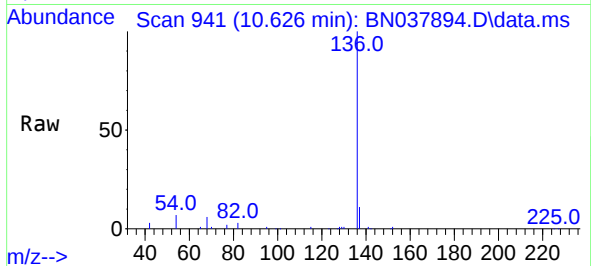




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN037894.D
Acq: 25 Sep 2025 18:15

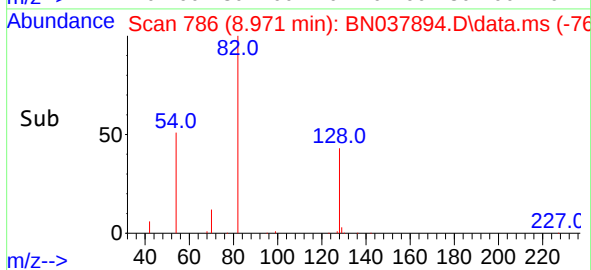
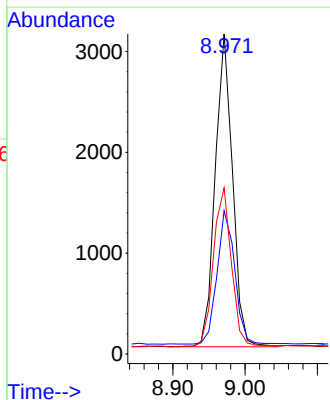
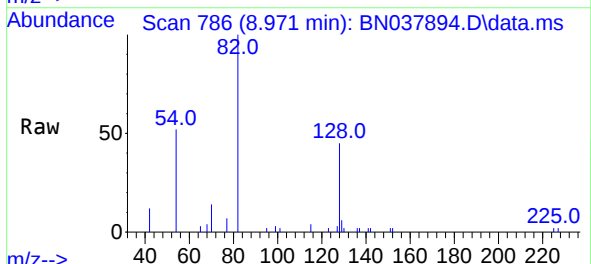
Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250918

Tgt Ion:	136	Resp:	22980
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.1	5.8	8.8
68	5.6	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.294 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN037894.D
Acq: 25 Sep 2025 18:15

Tgt Ion:	82	Resp:	5154
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.8	52.2
54	51.9	42.2	63.2

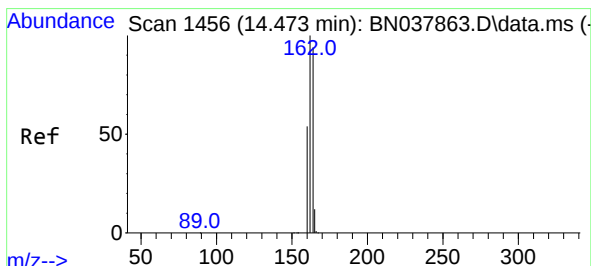
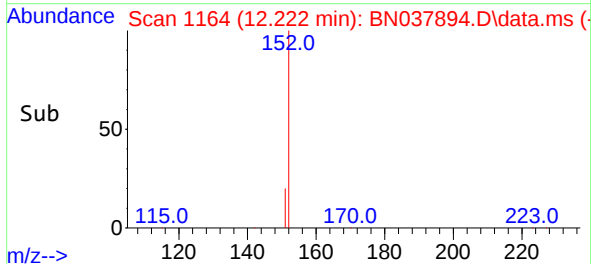
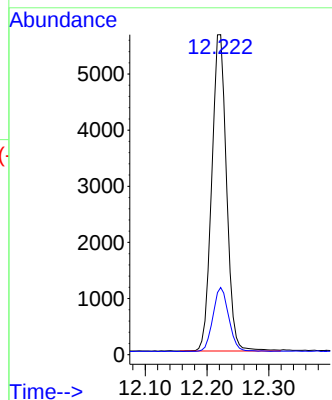
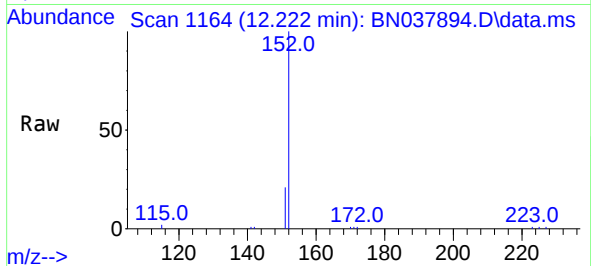




#11
2-Methylnaphthalene-d10
Concen: 0.294 ng
RT: 12.222 min Scan# 1164
Delta R.T. 0.005 min
Lab File: BN037894.D
Acq: 25 Sep 2025 18:15

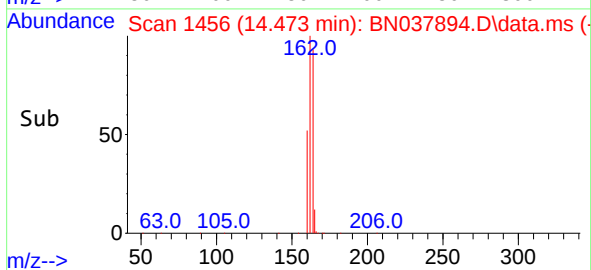
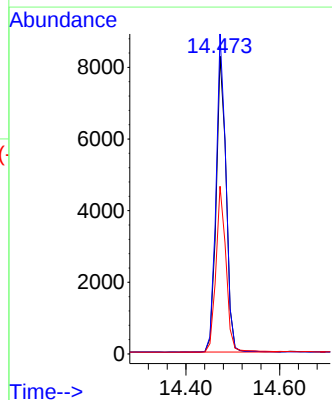
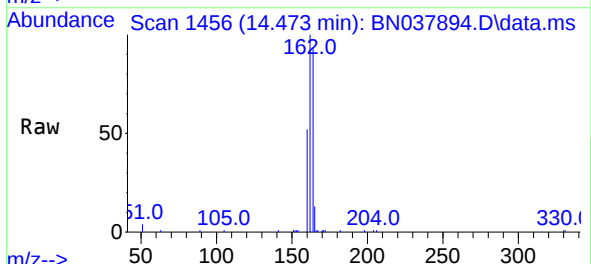
Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250918

Tgt Ion:152 Resp: 9376
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: BN037894.D
Acq: 25 Sep 2025 18:15

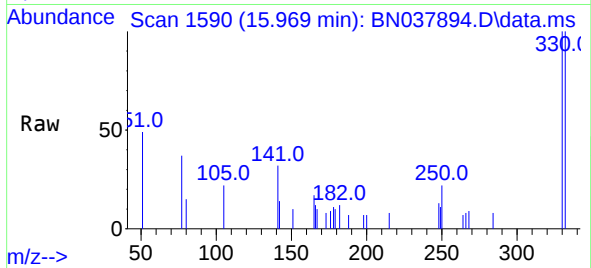
Tgt Ion:164 Resp: 12284
Ion Ratio Lower Upper
164 100
162 107.5 84.8 127.2
160 56.3 46.1 69.1



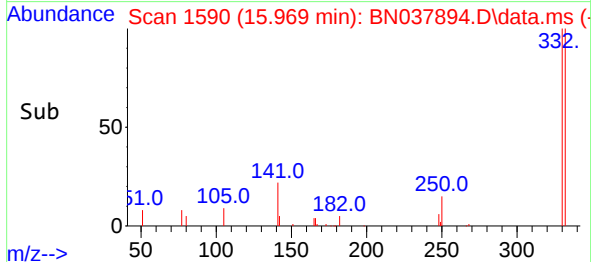
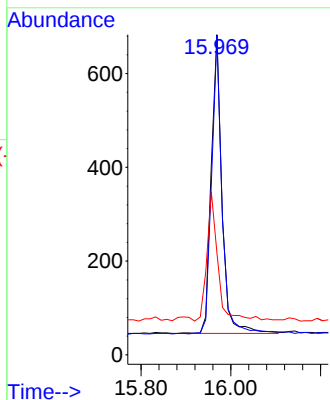


#14
2,4,6-Tribromophenol
Concen: 0.225 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BN037894.D
Acq: 25 Sep 2025 18:15

Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250918

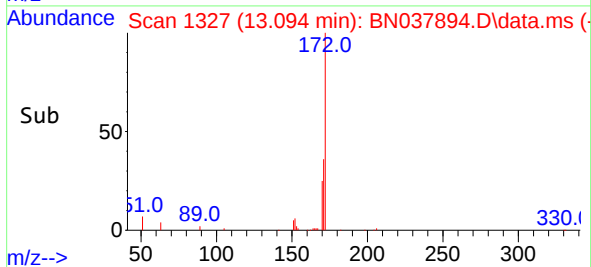
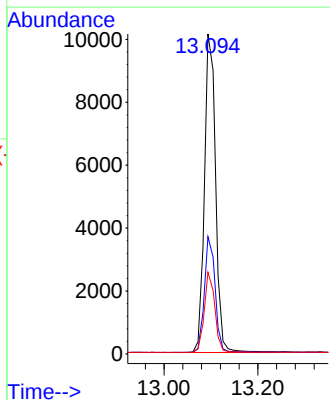
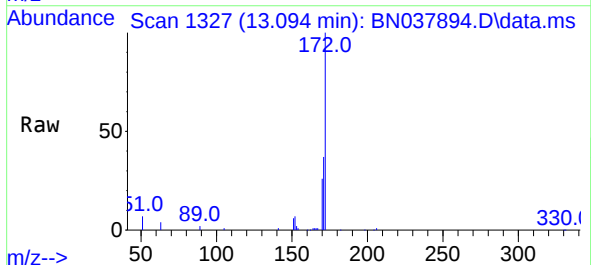


Tgt Ion:330 Resp: 1049
Ion Ratio Lower Upper
330 100
332 97.4 77.2 115.8
141 45.2 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 13.094 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BN037894.D
Acq: 25 Sep 2025 18:15

Tgt Ion:172 Resp: 16737
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 25.6 19.7 29.5

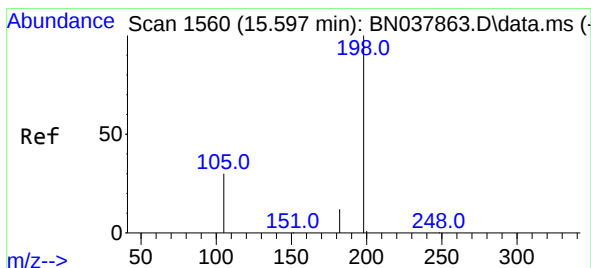
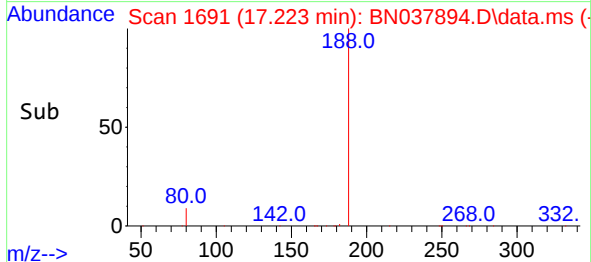
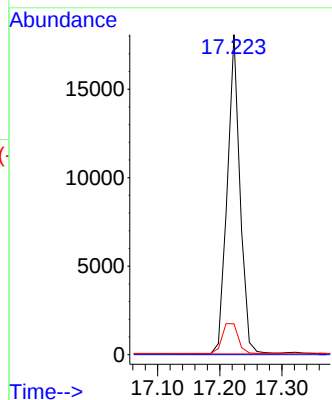
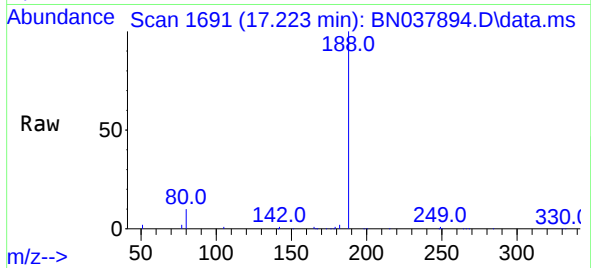




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037894.D
Acq: 25 Sep 2025 18:15

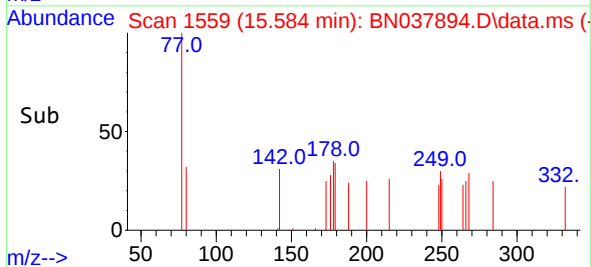
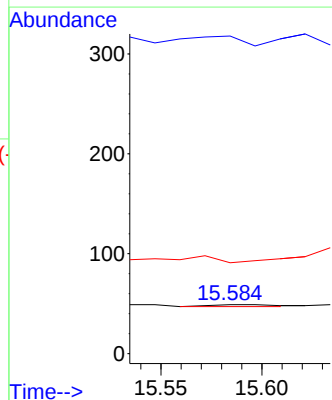
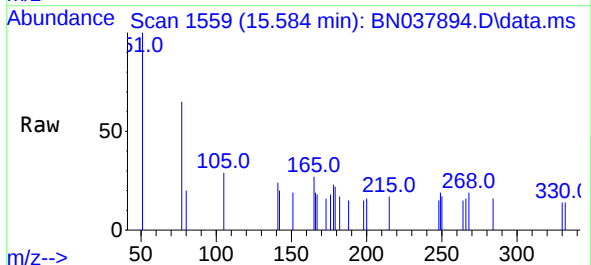
Instrument :
BNA_N
ClientSampleId :
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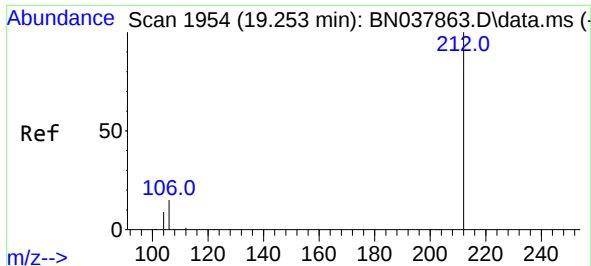
Tgt Ion:188 Resp: 25675
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 7.6 11.4



#20
4,6-Dinitro-2-methylphenol
Concen: 0.069 ng
RT: 15.584 min Scan# 1559
Delta R.T. -0.013 min
Lab File: BN037894.D
Acq: 25 Sep 2025 18:15

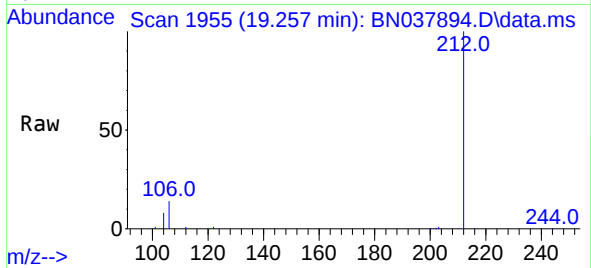
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 649.0 59.1 88.7#
105 185.7 41.3 61.9#



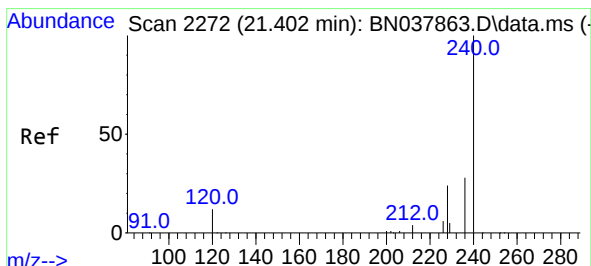
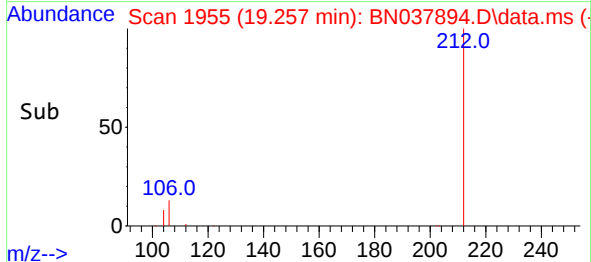
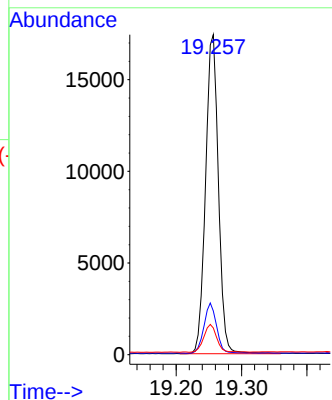


#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.257 min Scan# 1955
Delta R.T. 0.004 min
Lab File: BN037894.D
Acq: 25 Sep 2025 18:15

Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250918

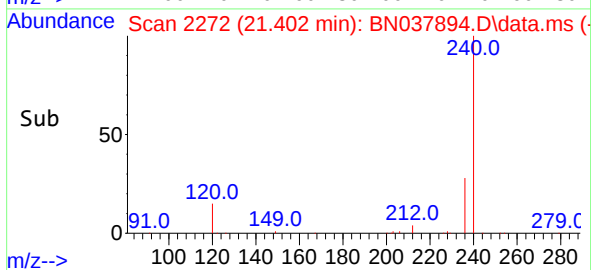
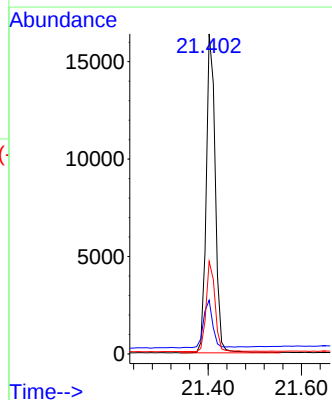
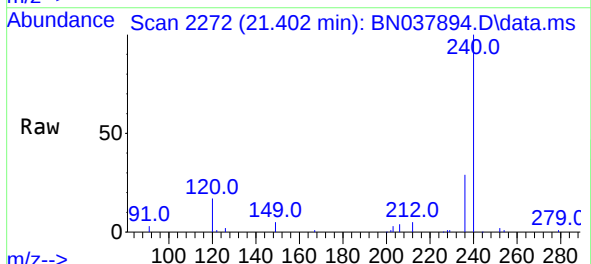


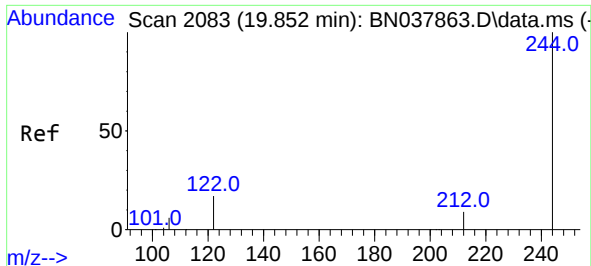
Tgt Ion:212 Resp: 23701
Ion Ratio Lower Upper
212 100
106 15.4 12.6 19.0
104 8.8 7.4 11.0



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BN037894.D
Acq: 25 Sep 2025 18:15

Tgt Ion:240 Resp: 22098
Ion Ratio Lower Upper
240 100
120 16.8 11.4 17.2
236 29.0 23.0 34.6

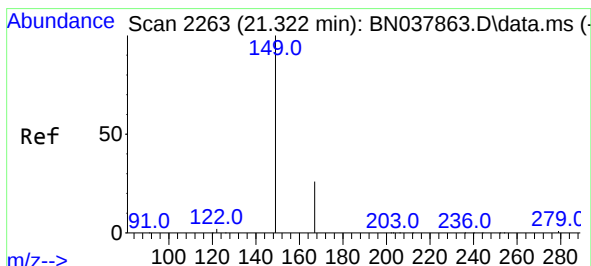
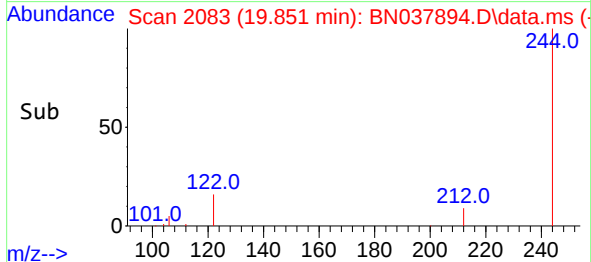
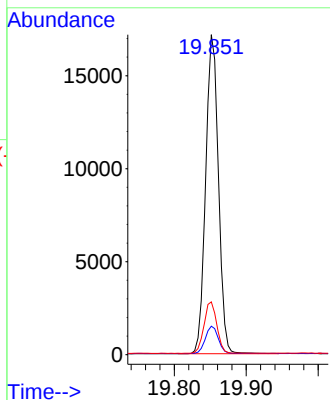
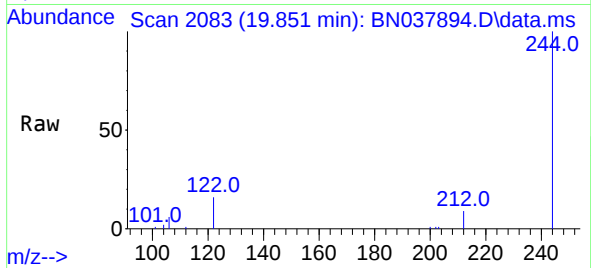




#31
Terphenyl-d14
Concen: 0.479 ng
RT: 19.851 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BN037894.D
Acq: 25 Sep 2025 18:15

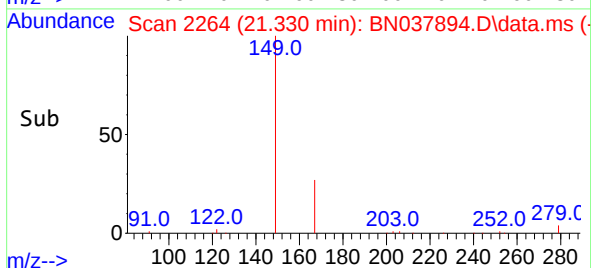
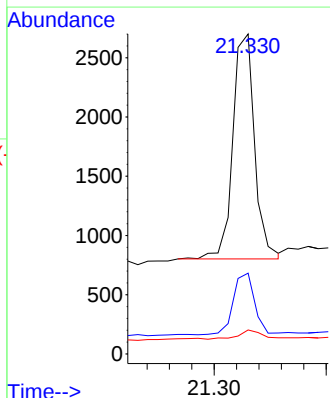
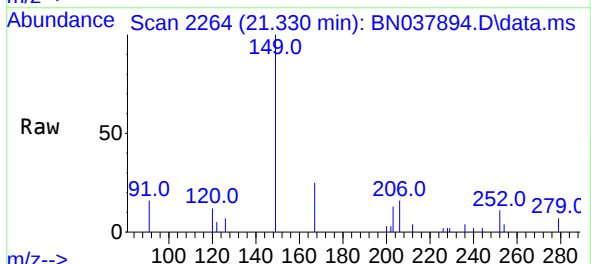
Instrument :
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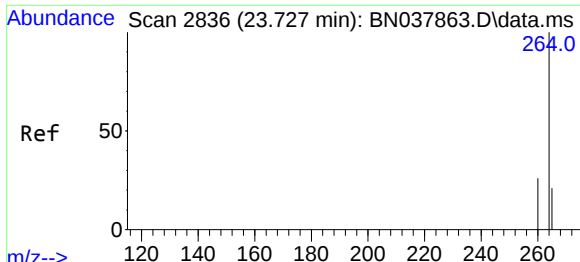
Tgt Ion:244 Resp: 21082
Ion Ratio Lower Upper
244 100
212 8.9 7.6 11.4
122 16.5 13.9 20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.084 ng
RT: 21.330 min Scan# 2264
Delta R.T. 0.009 min
Lab File: BN037894.D
Acq: 25 Sep 2025 18:15

Tgt Ion:149 Resp: 2568
Ion Ratio Lower Upper
149 100
167 27.0 20.4 30.6
279 4.7 2.4 3.6#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.735 min Scan# 21
 Delta R.T. 0.008 min
 Lab File: BN037894.D
 Acq: 25 Sep 2025 18:15

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-20250918

Tgt Ion:264 Resp: 19813

Ion	Ratio	Lower	Upper
264	100		
260	26.5	21.5	32.3
265	66.5	53.8	80.6

