

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037918.D
 Acq On : 26 Sep 2025 09:32
 Operator : RC/JU
 Sample : Q3156-20
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP09-20250918

Quant Time: Sep 26 11:04:08 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

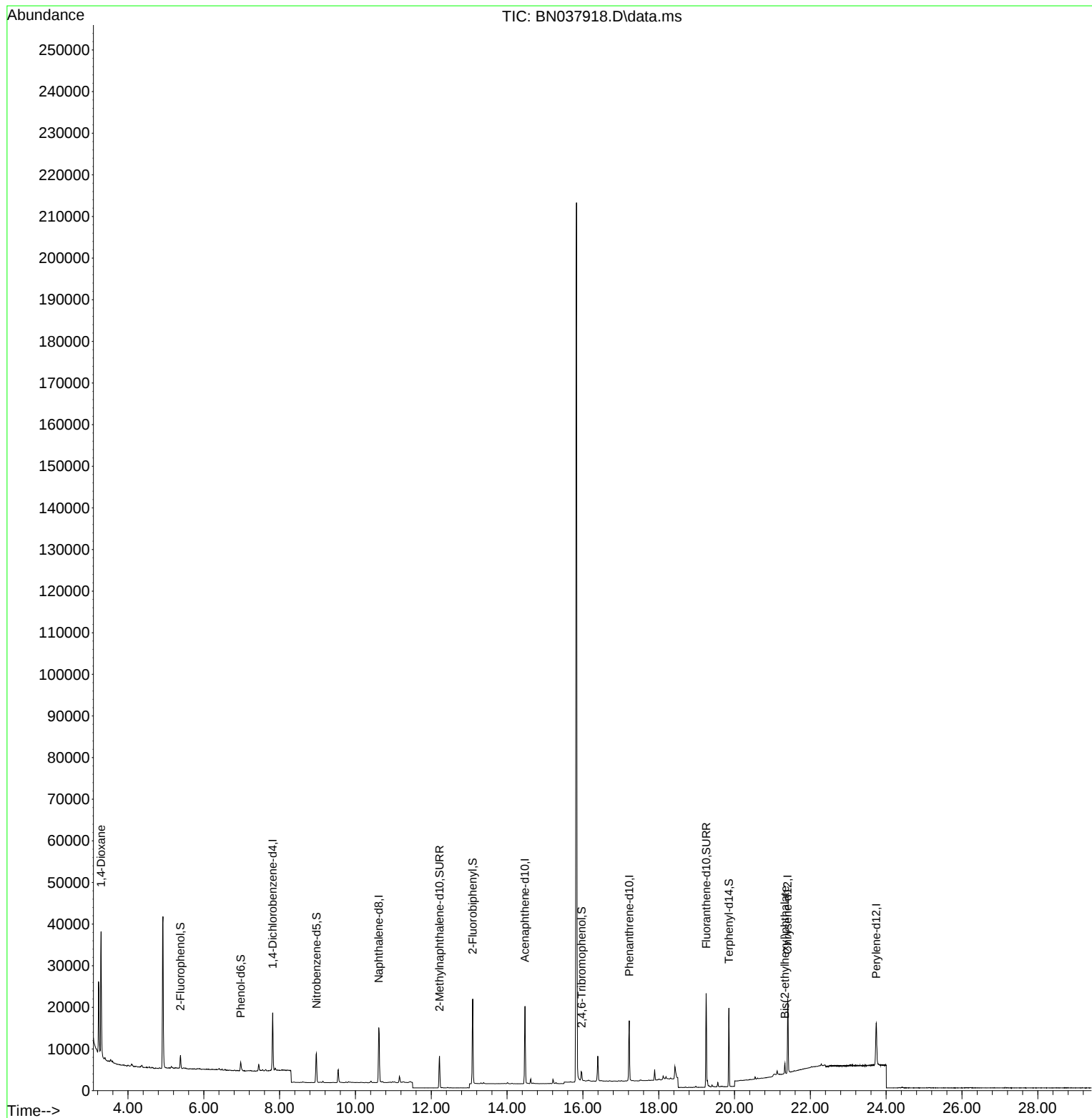
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	6521	0.400	ng	0.00
7) Naphthalene-d8	10.616	136	18178	0.400	ng	#-0.01
13) Acenaphthene-d10	14.473	164	9526	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	19646	0.400	ng	0.00
29) Chrysene-d12	21.402	240	16645	0.400	ng	# 0.00
35) Perylene-d12	23.739	264	14529	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2535	0.170	ng	0.00
5) Phenol-d6	6.973	99	1867	0.095	ng	0.00
8) Nitrobenzene-d5	8.971	82	5894	0.425	ng	0.00
11) 2-Methylnaphthalene-d10	12.217	152	10045	0.398	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1380	0.382	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	16376	0.420	ng	0.00
27) Fluoranthene-d10	19.253	212	23544	0.476	ng	0.00
31) Terphenyl-d14	19.852	244	17155	0.517	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.290	88	18798	2.840	ng	99
34) Bis(2-ethylhexyl)phtha...	21.331	149	2727	0.119	ng	# 99

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

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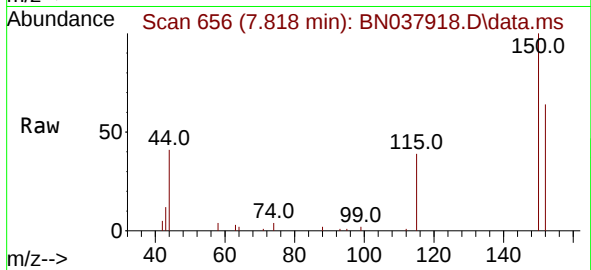
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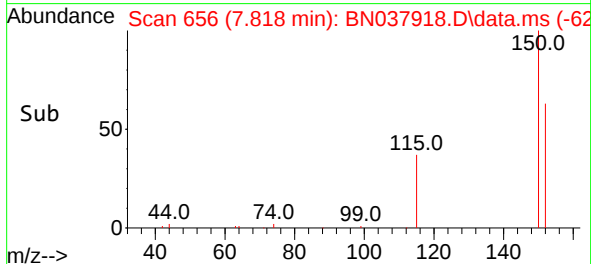
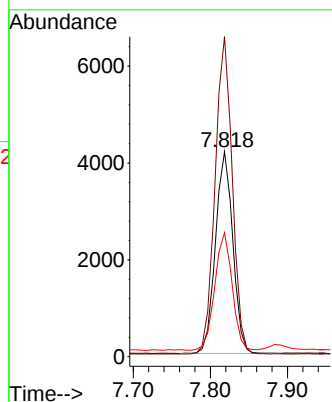
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.818 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037918.D
 Acq: 26 Sep 2025 09:32

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 DUP09-20250918



Tgt Ion:152 Resp: 6521

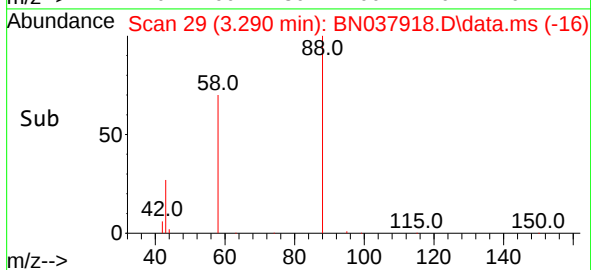
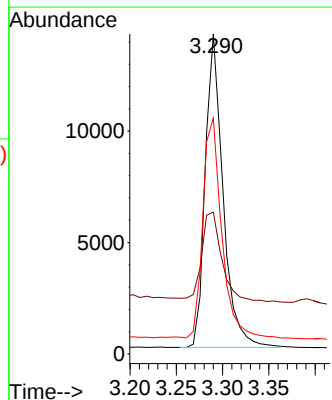
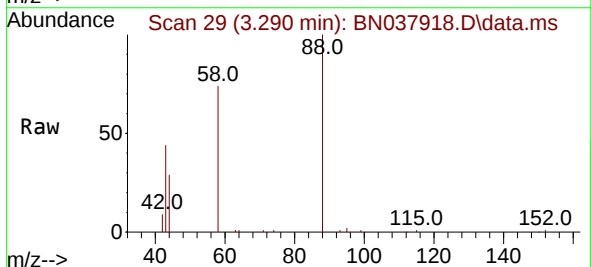
Ion	Ratio	Lower	Upper
152	100		
150	156.2	121.0	181.4
115	60.5	47.4	71.0



#2
 1,4-Dioxane
 Concen: 2.840 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN037918.D
 Acq: 26 Sep 2025 09:32

Tgt Ion: 88 Resp: 18798

Ion	Ratio	Lower	Upper
88	100		
43	33.1	26.6	39.8
58	74.2	58.9	88.3

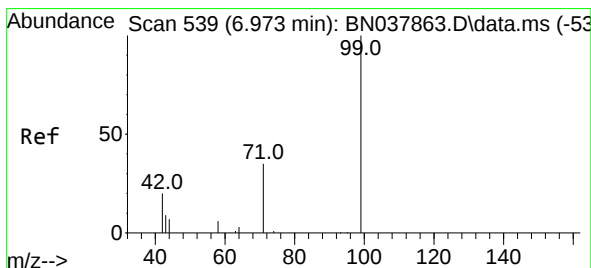
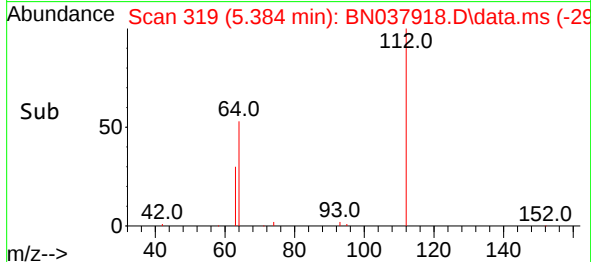
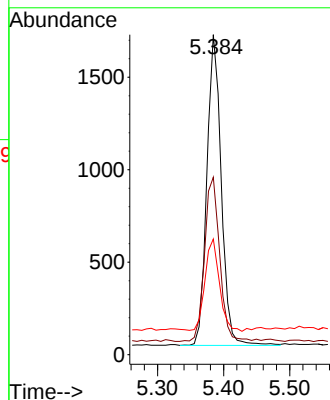
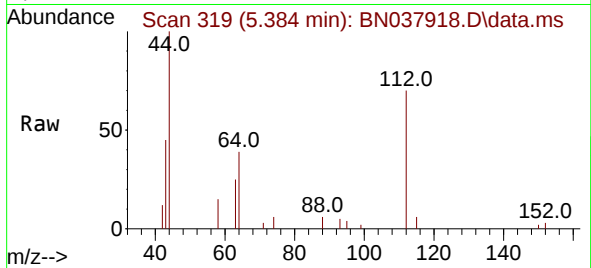




#4
2-Fluorophenol
Concen: 0.170 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037918.D
Acq: 26 Sep 2025 09:32

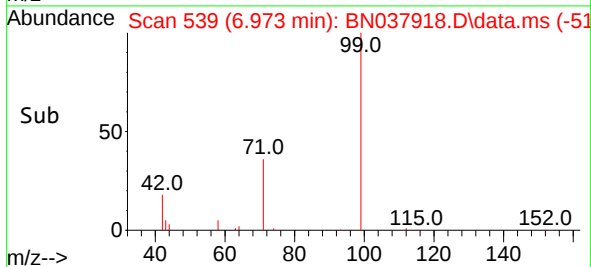
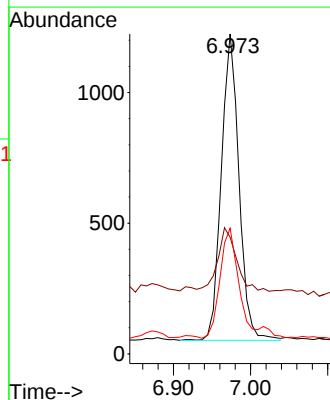
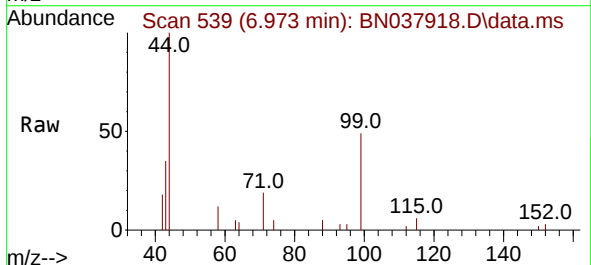
Instrument :
BNA_N
ClientSampleId :
DUP09-20250918

Tgt Ion:112 Resp: 2535
Ion Ratio Lower Upper
112 100
64 55.3 44.6 66.8
63 29.9 24.9 37.3



#5
Phenol-d6
Concen: 0.095 ng
RT: 6.973 min Scan# 539
Delta R.T. 0.000 min
Lab File: BN037918.D
Acq: 26 Sep 2025 09:32

Tgt Ion: 99 Resp: 1867
Ion Ratio Lower Upper
99 100
42 21.5 17.2 25.8
71 40.4 27.3 40.9

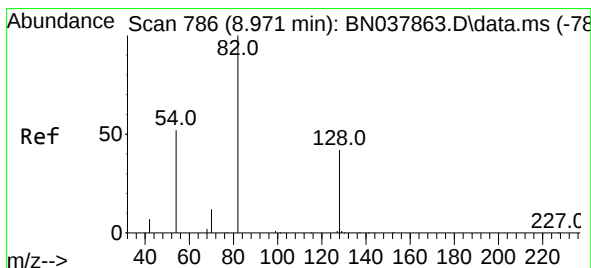
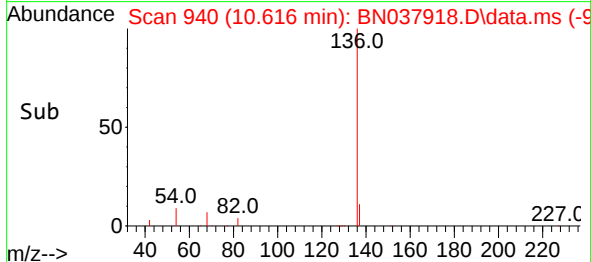
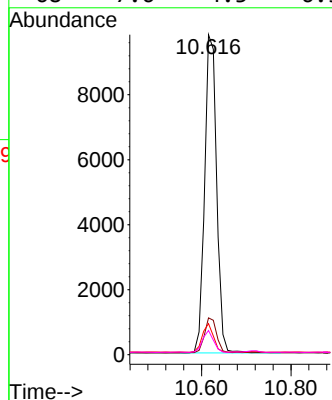
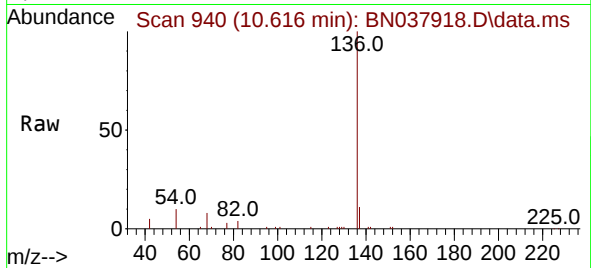




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN037918.D
Acq: 26 Sep 2025 09:32

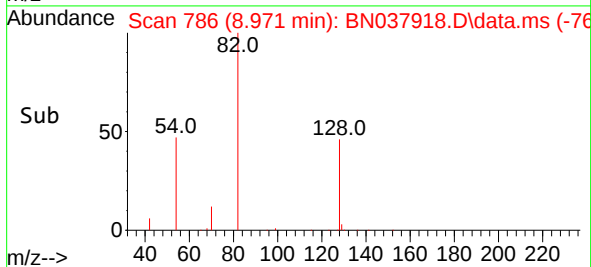
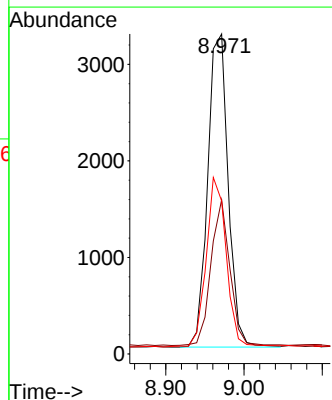
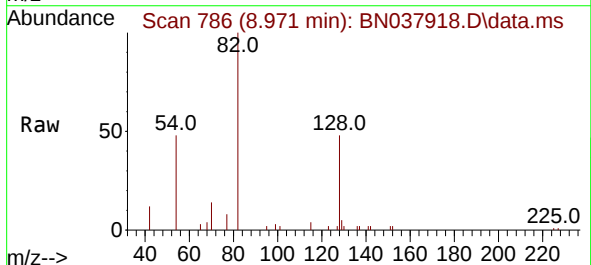
Instrument :
BNA_N
ClientSampleId :
DUP09-20250918

Tgt Ion:	136	Resp:	18178
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.4
54	9.7	5.8	8.8#
68	7.6	4.3	6.5#



#8
Nitrobenzene-d5
Concen: 0.425 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN037918.D
Acq: 26 Sep 2025 09:32

Tgt Ion:	82	Resp:	5894
Ion Ratio	Lower	Upper	
82	100		
128	48.2	34.8	52.2
54	47.8	42.2	63.2

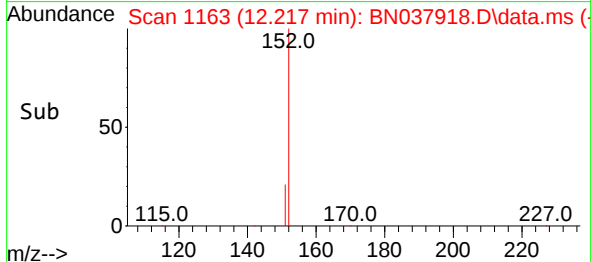
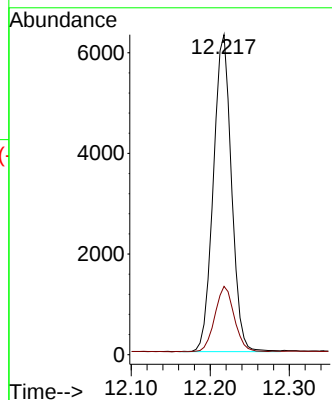
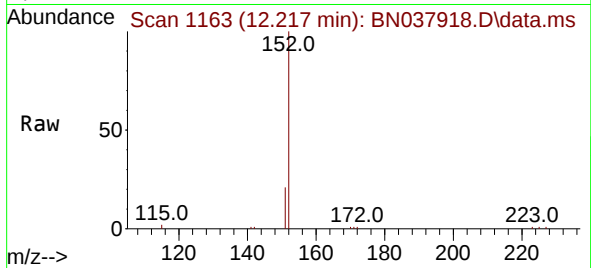




#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 12.217 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BN037918.D
Acq: 26 Sep 2025 09:32

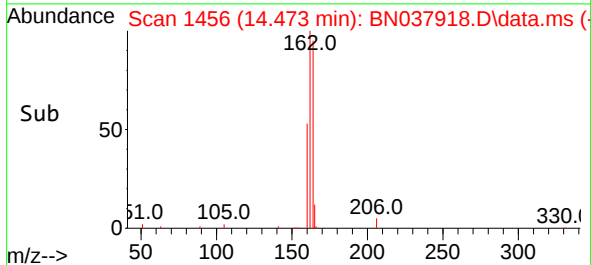
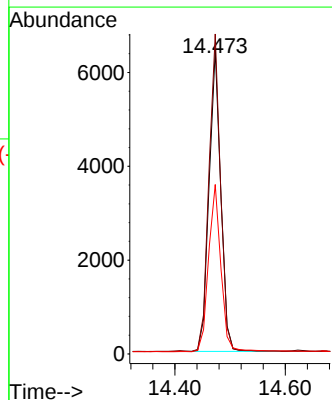
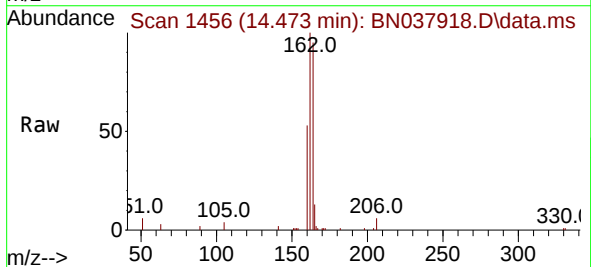
Instrument :
BNA_N
ClientSampleId :
DUP09-20250918

Tgt Ion:152 Resp: 10045
Ion Ratio Lower Upper
152 100
151 21.9 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: BN037918.D
Acq: 26 Sep 2025 09:32

Tgt Ion:164 Resp: 9526
Ion Ratio Lower Upper
164 100
162 105.3 84.8 127.2
160 55.7 46.1 69.1

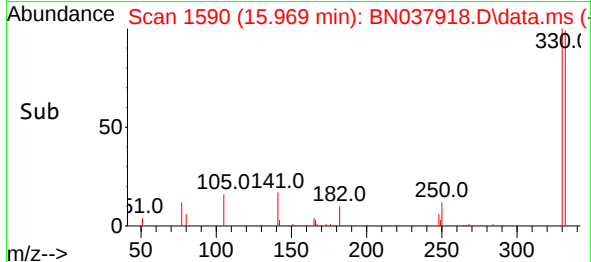
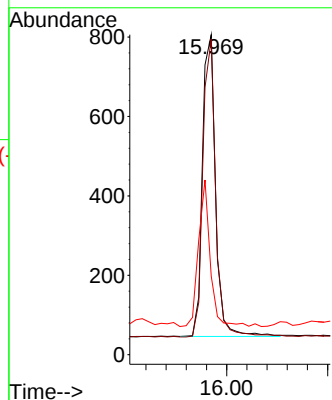
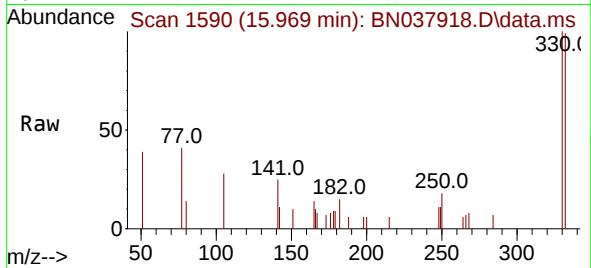




#14
2,4,6-Tribromophenol
Concen: 0.382 ng
RT: 15.969 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN037918.D
Acq: 26 Sep 2025 09:32

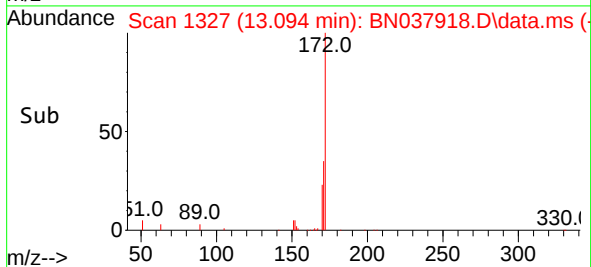
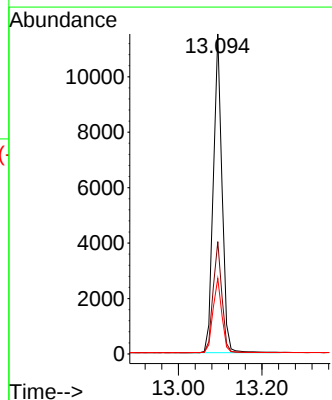
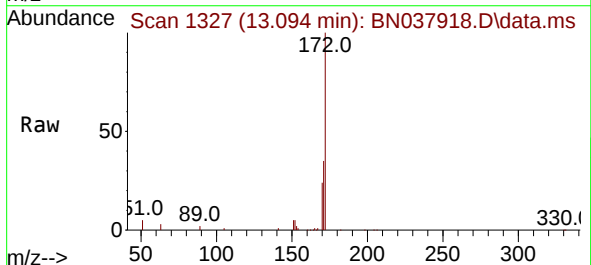
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BNA_N
ClientSampleId :
DUP09-20250918

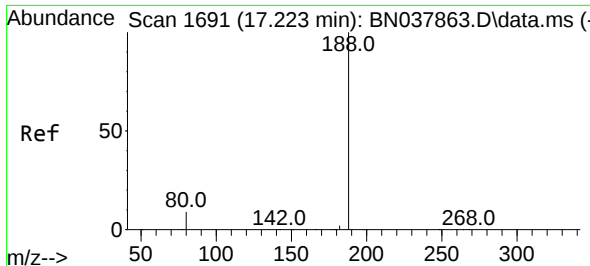
Tgt Ion:330 Resp: 1380
Ion Ratio Lower Upper
330 100
332 96.1 77.2 115.8
141 43.3 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.420 ng
RT: 13.094 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BN037918.D
Acq: 26 Sep 2025 09:32

Tgt Ion:172 Resp: 16376
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.6 19.7 29.5

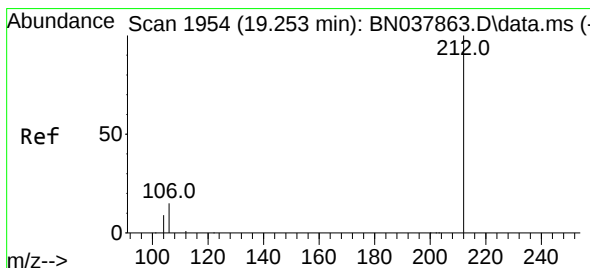
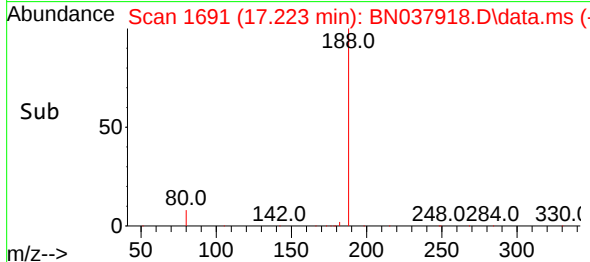
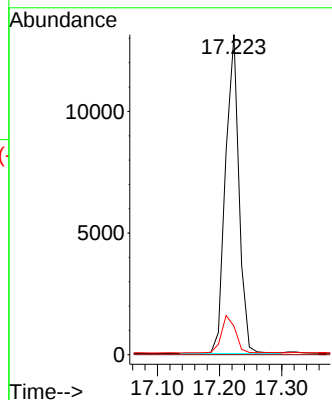
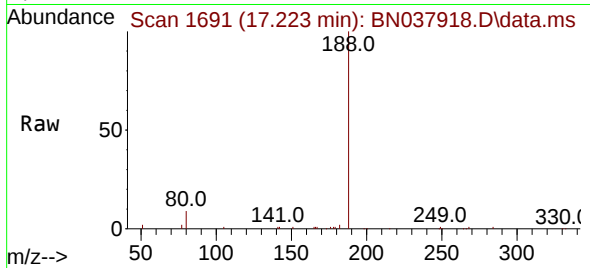




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN037918.D
Acq: 26 Sep 2025 09:32

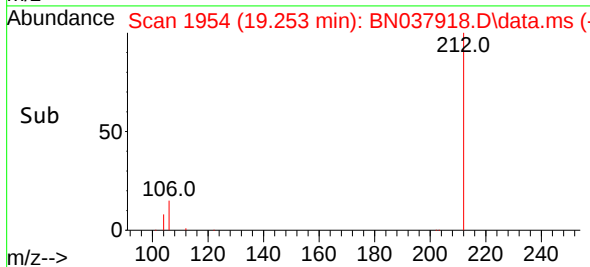
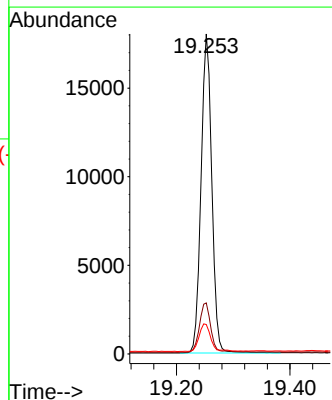
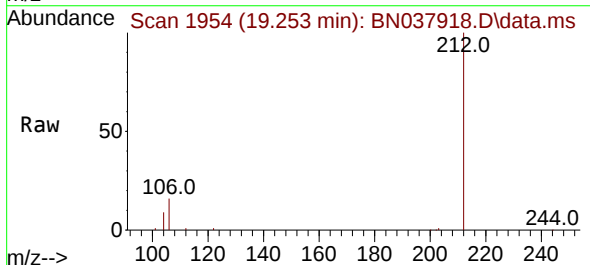
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DUP09-20250918

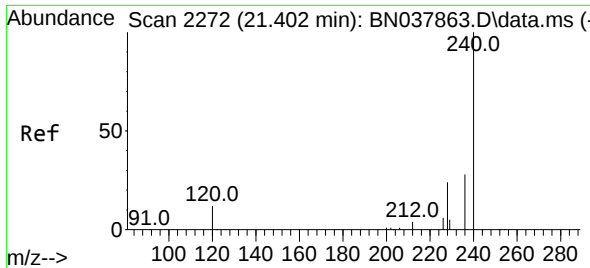
Tgt Ion:188 Resp: 19646
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.9 7.6 11.4



#27
Fluoranthene-d10
Concen: 0.476 ng
RT: 19.253 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BN037918.D
Acq: 26 Sep 2025 09:32

Tgt Ion:212 Resp: 23544
Ion Ratio Lower Upper
212 100
106 16.3 12.6 19.0
104 9.6 7.4 11.0

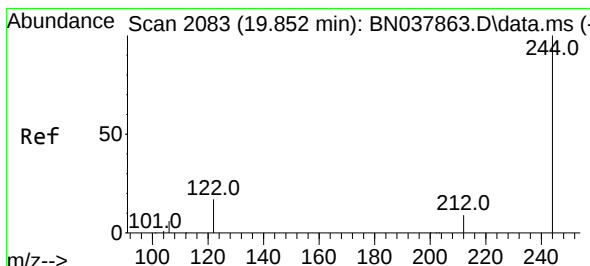
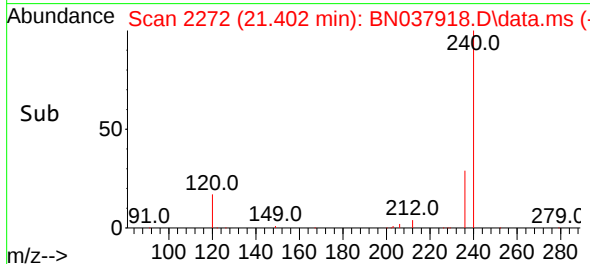
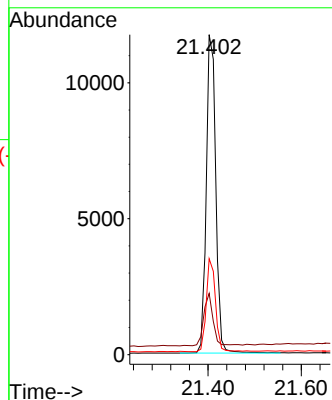
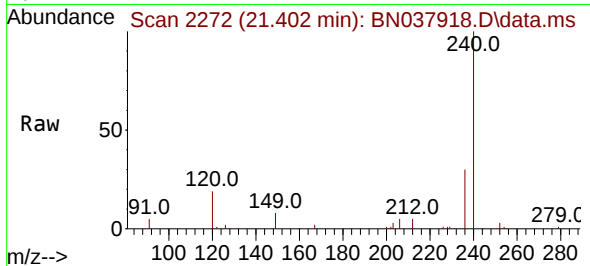




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN037918.D
Acq: 26 Sep 2025 09:32

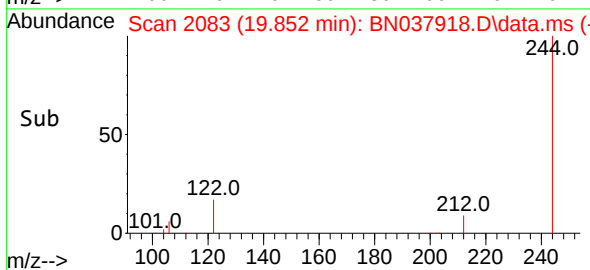
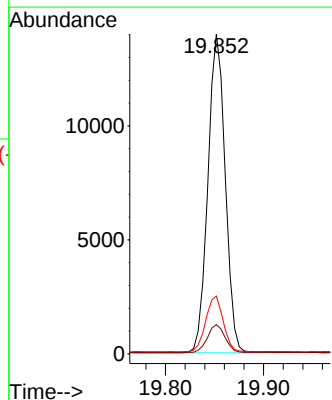
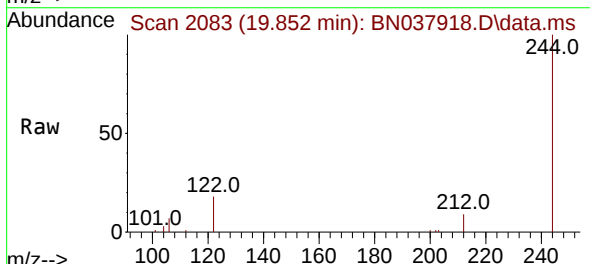
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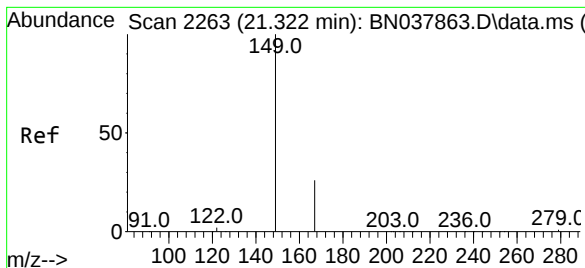
Tgt Ion:240 Resp: 16645
Ion Ratio Lower Upper
240 100
120 19.1 11.4 17.2#
236 30.0 23.0 34.6



#31
Terphenyl-d14
Concen: 0.517 ng
RT: 19.852 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BN037918.D
Acq: 26 Sep 2025 09:32

Tgt Ion:244 Resp: 17155
Ion Ratio Lower Upper
244 100
212 9.2 7.6 11.4
122 18.1 13.9 20.9

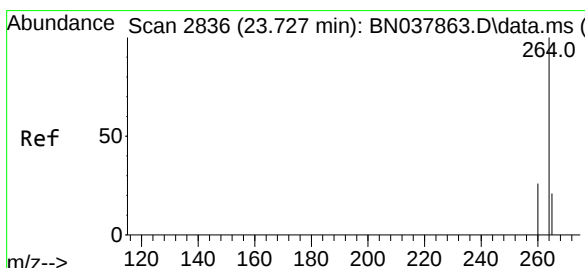
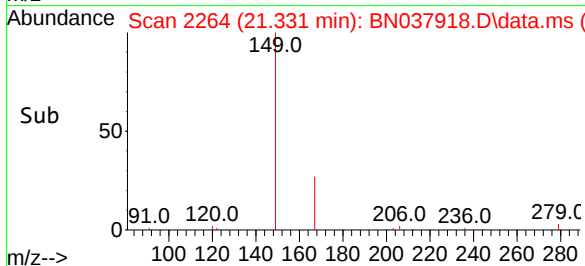
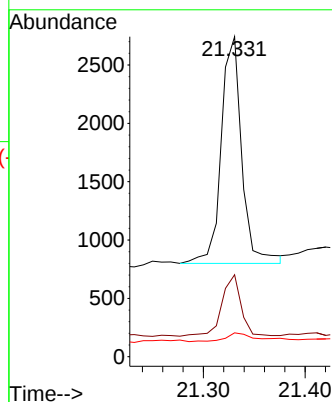
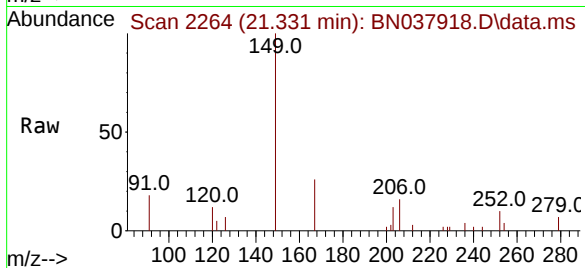




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.119 ng
 RT: 21.331 min Scan# 2133
 Delta R.T. 0.009 min
 Lab File: BN037918.D
 Acq: 26 Sep 2025 09:32

Instrument :
 BNA_N
 ClientSampleId :
 DUP09-20250918

Tgt Ion:149 Resp: 2727
 Ion Ratio Lower Upper
 149 100
 167 25.2 20.4 30.6
 279 5.2 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.739 min Scan# 2840
 Delta R.T. 0.012 min
 Lab File: BN037918.D
 Acq: 26 Sep 2025 09:32

Tgt Ion:264 Resp: 14529
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.5 32.3
 265 78.5 53.8 80.6

