

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
 Data File : BN037909.D
 Acq On : 26 Sep 2025 04:05
 Operator : RC/JU
 Sample : Q3156-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT180D1-20250918

Quant Time: Sep 26 07:39:05 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)

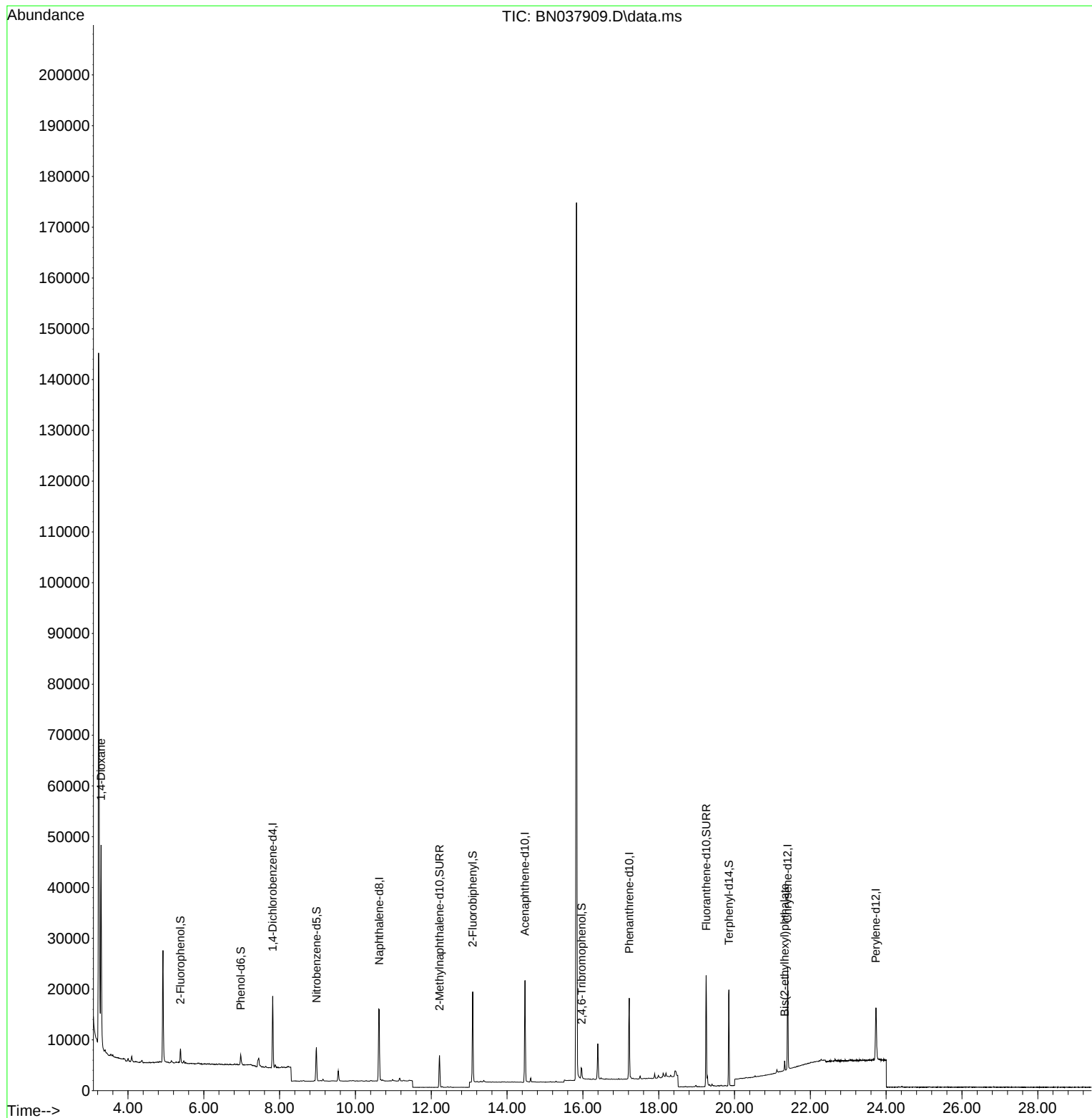
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.818	152	6637	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	20394	0.400	ng	0.00
13) Acenaphthene-d10	14.473	164	10463	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	21440	0.400	ng	0.00
29) Chrysene-d12	21.402	240	17437	0.400	ng	0.00
35) Perylene-d12	23.730	264	14914	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2284	0.151	ng	0.00
5) Phenol-d6	6.973	99	1707	0.086	ng	0.00
8) Nitrobenzene-d5	8.971	82	5408	0.348	ng	0.00
11) 2-Methylnaphthalene-d10	12.217	152	8532	0.301	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1351	0.341	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	14527	0.339	ng	0.00
27) Fluoranthene-d10	19.252	212	23314	0.432	ng	0.00
31) Terphenyl-d14	19.852	244	17644	0.508	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	23927	3.551	ng	100
34) Bis(2-ethylhexyl)phtha...	21.322	149	1752	0.073	ng	# 95

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

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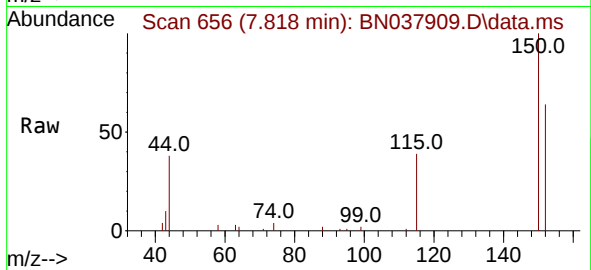
Quant Time: Sep 26 07:39:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
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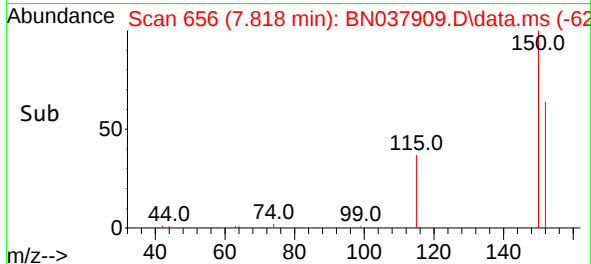
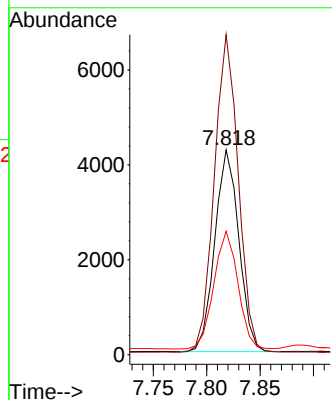
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.818 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037909.D
 Acq: 26 Sep 2025 04:05

Instrument :
 BNA_N
 ClientSampleId :
 TT180D1-20250918



Tgt Ion:152 Resp: 6637

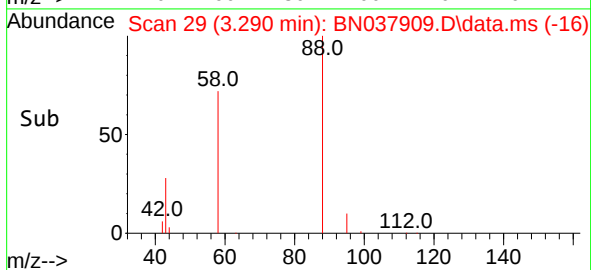
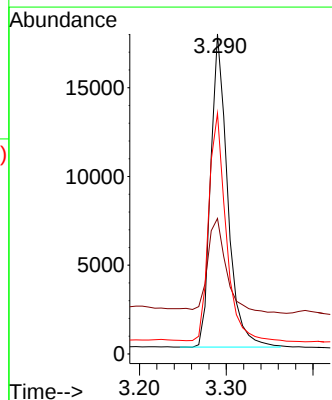
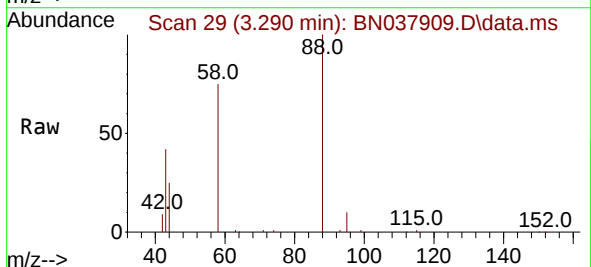
Ion	Ratio	Lower	Upper
152	100		
150	156.2	121.0	181.4
115	60.2	47.4	71.0



#2
 1,4-Dioxane
 Concen: 3.551 ng
 RT: 3.290 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN037909.D
 Acq: 26 Sep 2025 04:05

Tgt Ion: 88 Resp: 23927

Ion	Ratio	Lower	Upper
88	100		
43	33.1	26.6	39.8
58	73.7	58.9	88.3

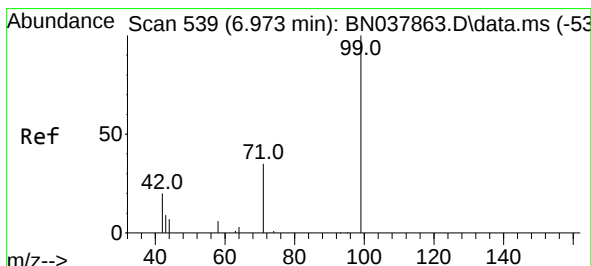
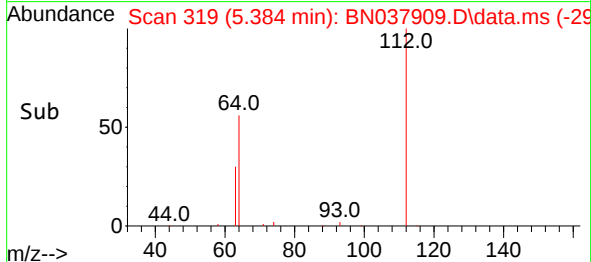
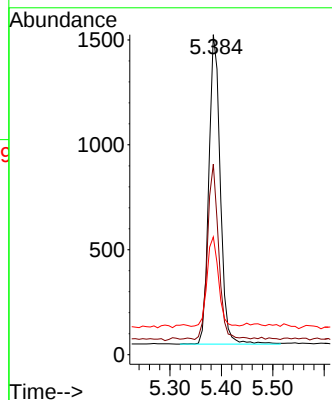
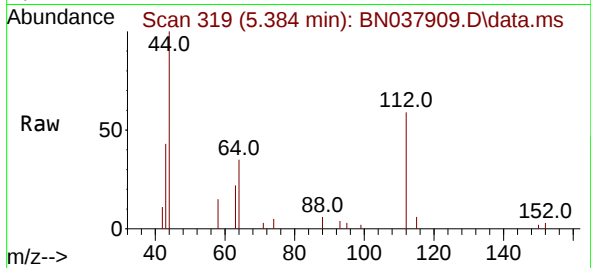




#4
2-Fluorophenol
Concen: 0.151 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037909.D
Acq: 26 Sep 2025 04:05

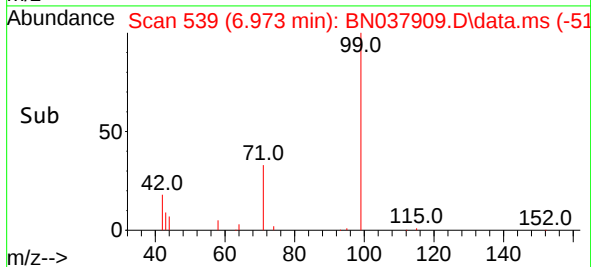
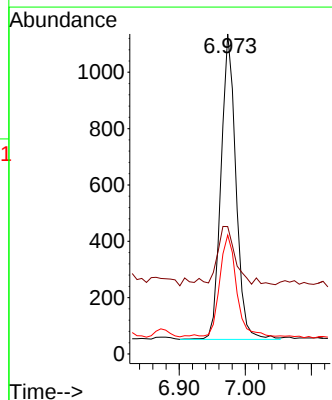
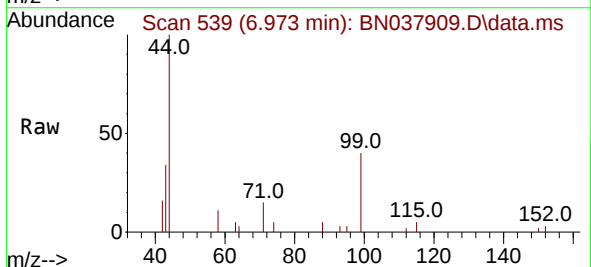
Instrument :
BNA_N
ClientSampleId :
TT180D1-20250918

Tgt Ion: 112 Resp: 2284
Ion Ratio Lower Upper
112 100
64 55.1 44.6 66.8
63 29.1 24.9 37.3



#5
Phenol-d6
Concen: 0.086 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037909.D
Acq: 26 Sep 2025 04:05

Tgt Ion: 99 Resp: 1707
Ion Ratio Lower Upper
99 100
42 21.3 17.2 25.8
71 36.7 27.3 40.9

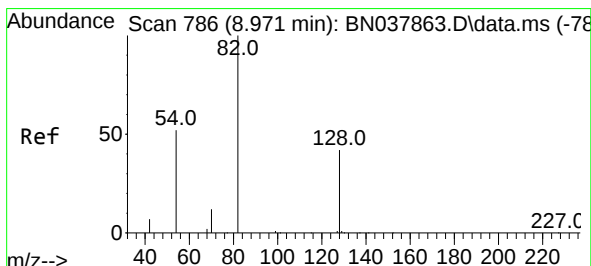
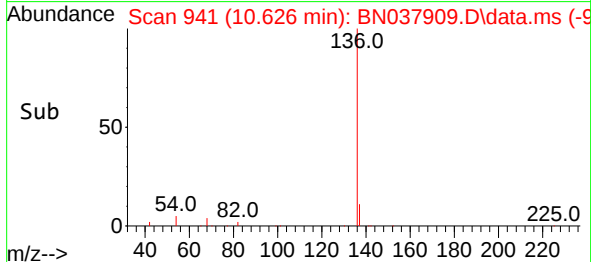
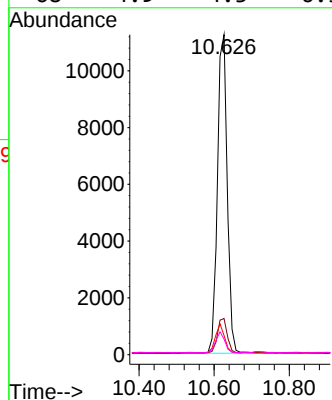
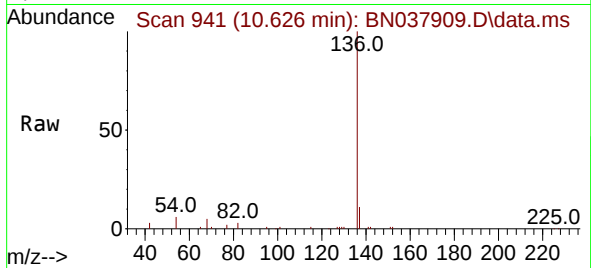




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN037909.D
Acq: 26 Sep 2025 04:05

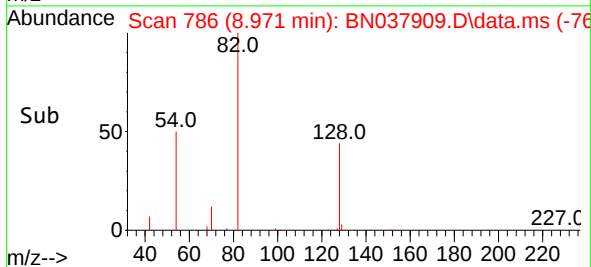
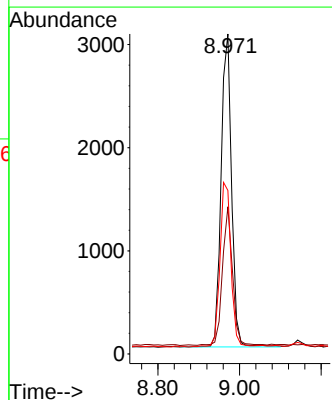
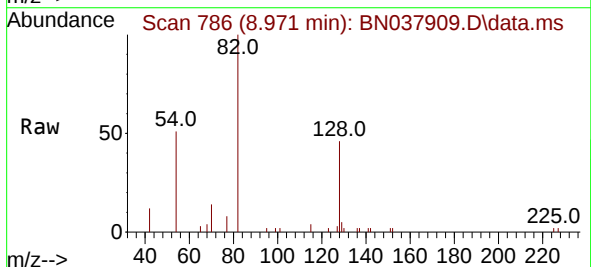
Instrument :
BNA_N
ClientSampleId :
TT180D1-20250918

Tgt Ion:	136	Resp:	20394
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.4
54	6.0	5.8	8.8
68	4.9	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.348 ng
RT: 8.971 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN037909.D
Acq: 26 Sep 2025 04:05

Tgt Ion:	82	Resp:	5408
Ion Ratio	Lower	Upper	
82	100		
128	46.0	34.8	52.2
54	51.1	42.2	63.2

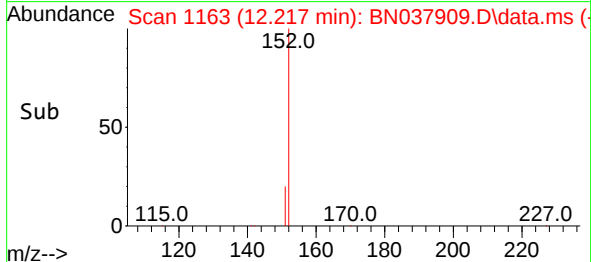
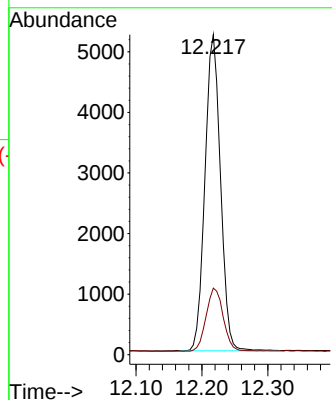
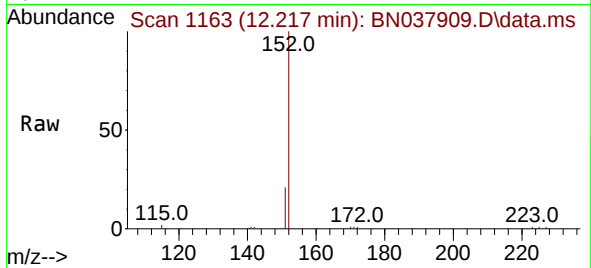




#11
2-Methylnaphthalene-d10
Concen: 0.301 ng
RT: 12.217 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BN037909.D
Acq: 26 Sep 2025 04:05

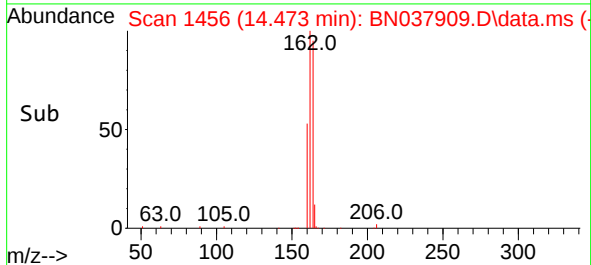
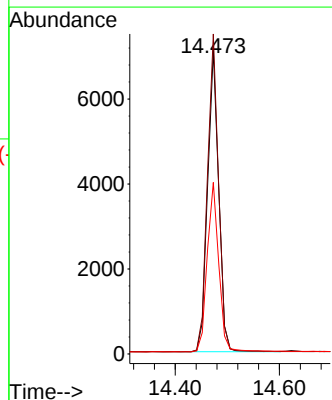
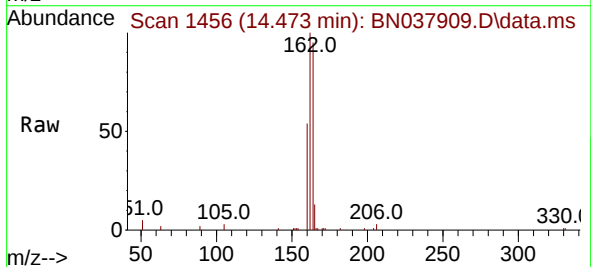
Instrument :
BNA_N
ClientSampleId :
TT180D1-20250918

Tgt Ion:152 Resp: 8532
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: BN037909.D
Acq: 26 Sep 2025 04:05

Tgt Ion:164 Resp: 10463
Ion Ratio Lower Upper
164 100
162 105.4 84.8 127.2
160 56.5 46.1 69.1

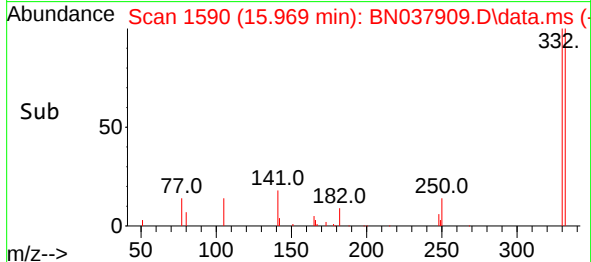
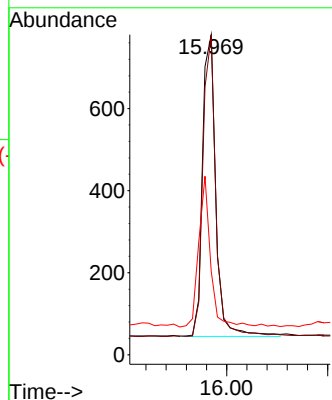
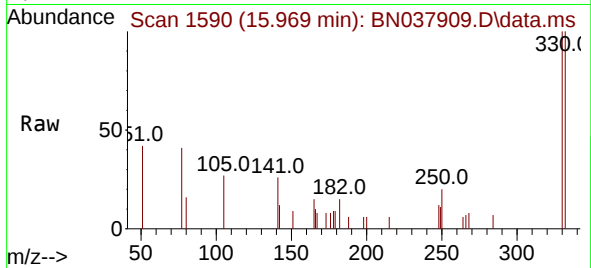




#14
2,4,6-Tribromophenol
Concen: 0.341 ng
RT: 15.969 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN037909.D
Acq: 26 Sep 2025 04:05

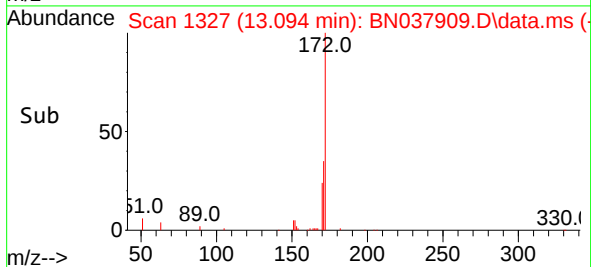
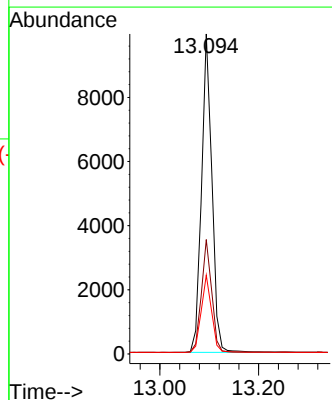
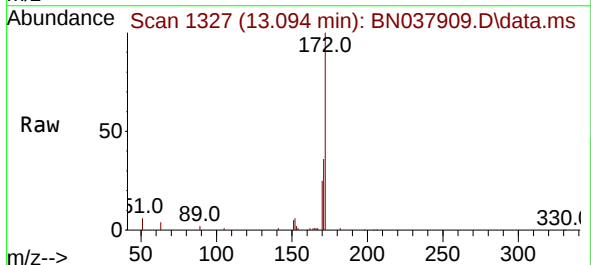
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BNA_N
ClientSampleId :
TT180D1-20250918

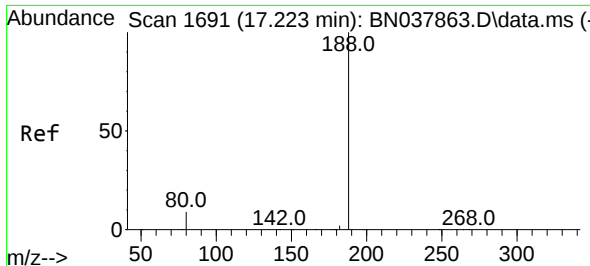
Tgt Ion:330 Resp: 1351
Ion Ratio Lower Upper
330 100
332 96.5 77.2 115.8
141 44.3 37.2 55.8



#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 13.094 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BN037909.D
Acq: 26 Sep 2025 04:05

Tgt Ion:172 Resp: 14527
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.6 19.7 29.5

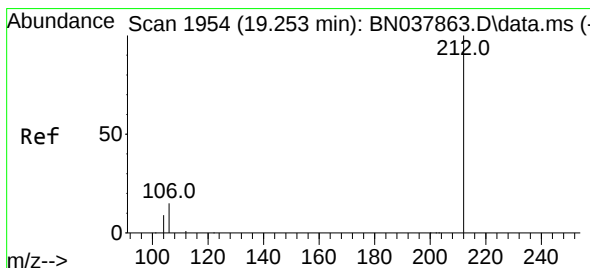
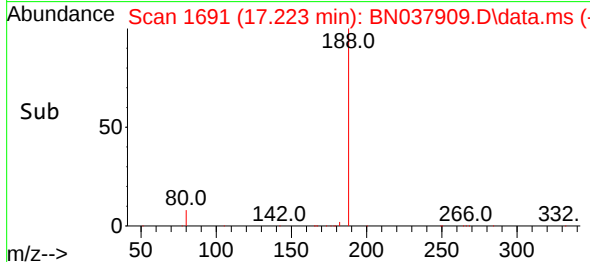
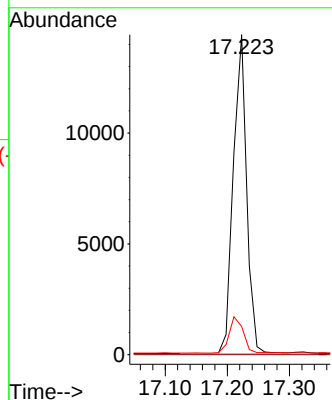
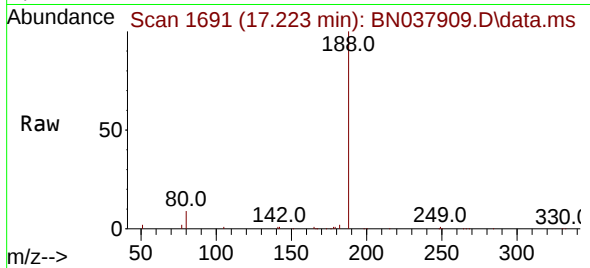




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN037909.D
Acq: 26 Sep 2025 04:05

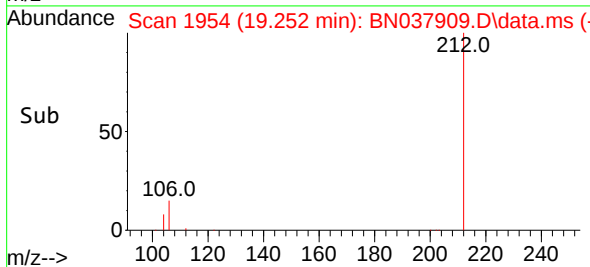
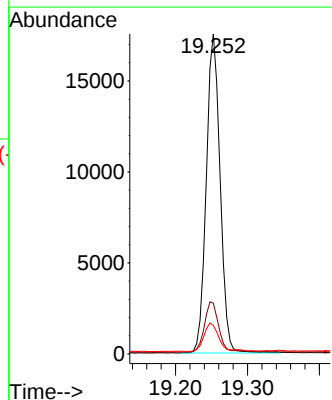
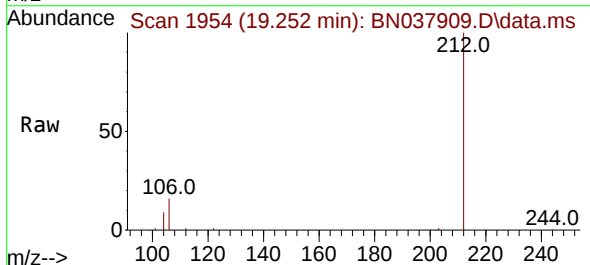
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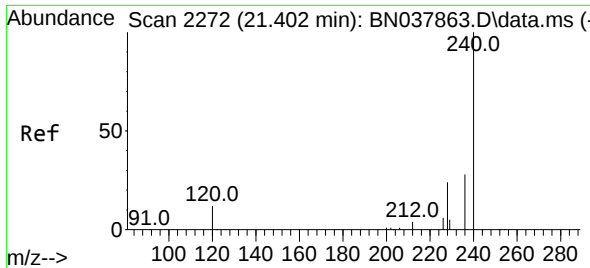
Tgt Ion:188 Resp: 21440
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 7.6 11.4



#27
Fluoranthene-d10
Concen: 0.432 ng
RT: 19.252 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BN037909.D
Acq: 26 Sep 2025 04:05

Tgt Ion:212 Resp: 23314
Ion Ratio Lower Upper
212 100
106 16.4 12.6 19.0
104 9.2 7.4 11.0

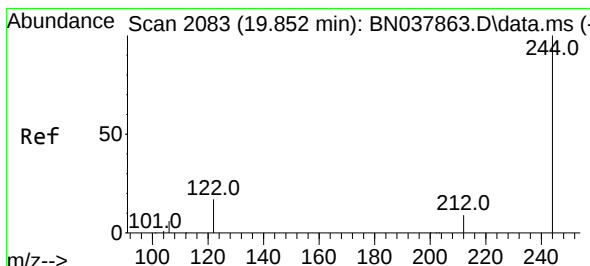
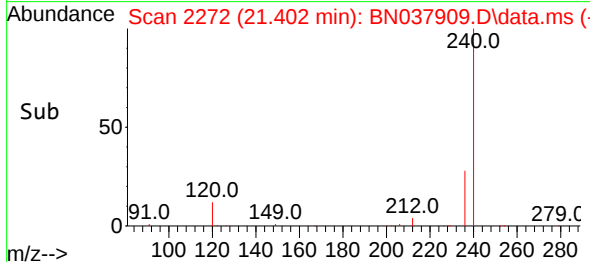
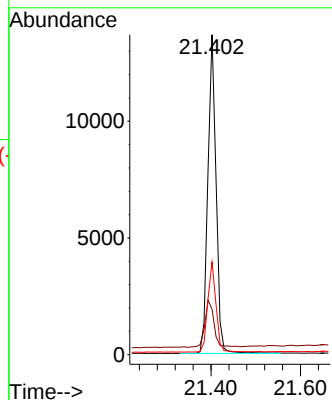
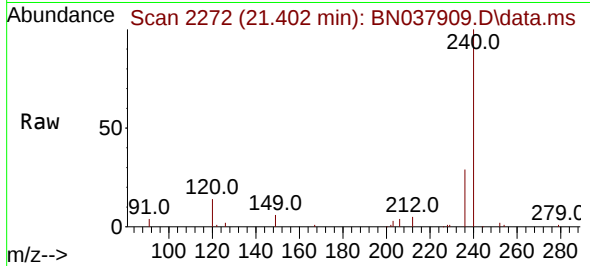




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN037909.D
Acq: 26 Sep 2025 04:05

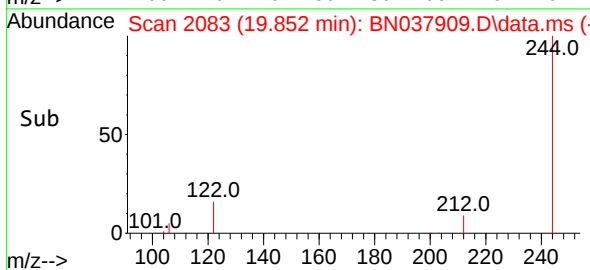
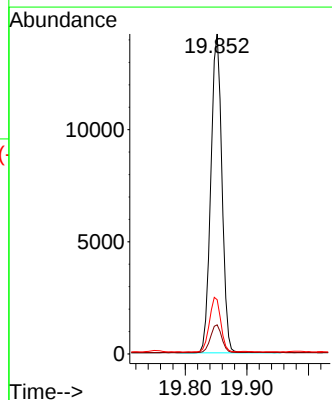
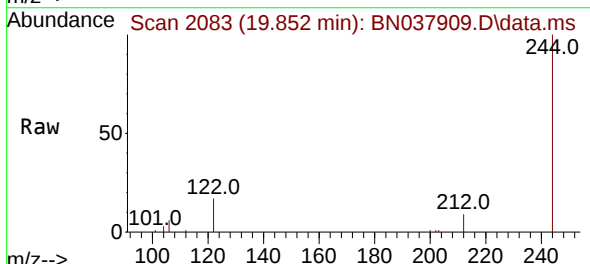
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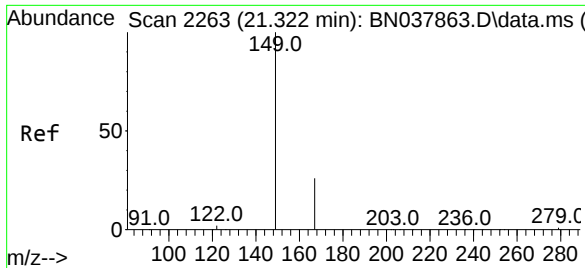
Tgt Ion:240 Resp: 17437
Ion Ratio Lower Upper
240 100
120 14.3 11.4 17.2
236 29.0 23.0 34.6



#31
Terphenyl-d14
Concen: 0.508 ng
RT: 19.852 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BN037909.D
Acq: 26 Sep 2025 04:05

Tgt Ion:244 Resp: 17644
Ion Ratio Lower Upper
244 100
212 9.1 7.6 11.4
122 16.9 13.9 20.9

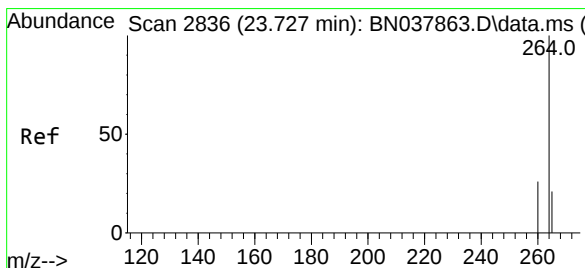
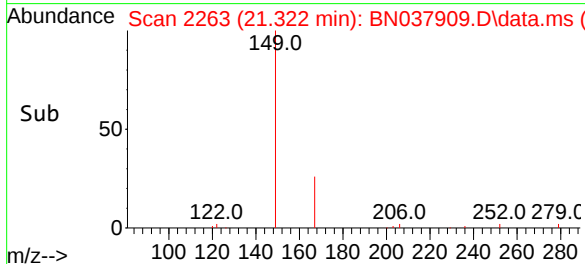
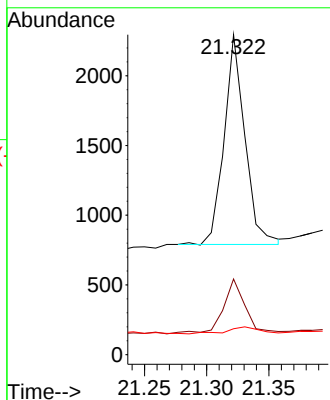
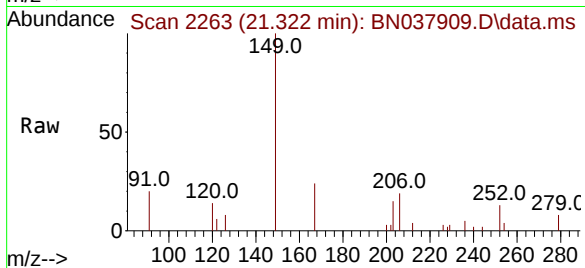




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.073 ng
 RT: 21.322 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN037909.D
 Acq: 26 Sep 2025 04:05

Instrument :
 BNA_N
 ClientSampleId :
 TT180D1-20250918

Tgt Ion:149 Resp: 1752
 Ion Ratio Lower Upper
 149 100
 167 28.1 20.4 30.6
 279 5.2 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.730 min Scan# 2837
 Delta R.T. 0.003 min
 Lab File: BN037909.D
 Acq: 26 Sep 2025 04:05

Tgt Ion:264 Resp: 14914
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.5 32.3
 265 75.3 53.8 80.6

