

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
 Data File : BN036818.D
 Acq On : 03 Apr 2025 12:24
 Operator : RC/JU
 Sample : PB167430BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167430BL

Quant Time: Apr 03 12:57:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	2093	0.400	ng	-0.03
7) Naphthalene-d8	10.477	136	4883	0.400	ng	-0.03
13) Acenaphthene-d10	14.334	164	2586	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	5170	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	4213	0.400	ng	-0.02
35) Perylene-d12	23.522	264	1585	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	2043	0.419	ng	-0.02
5) Phenol-d6	6.872	99	2348	0.390	ng	-0.03
8) Nitrobenzene-d5	8.843	82	1748	0.329	ng	-0.03
11) 2-Methylnaphthalene-d10	12.075	152	2530	0.348	ng	-0.04
14) 2,4,6-Tribromophenol	15.833	330	430	0.366	ng	-0.02
15) 2-Fluorobiphenyl	12.963	172	5223	0.347	ng	-0.03
27) Fluoranthene-d10	19.118	212	5136	0.388	ng	-0.02
31) Terphenyl-d14	19.717	244	3689	0.365	ng	-0.03

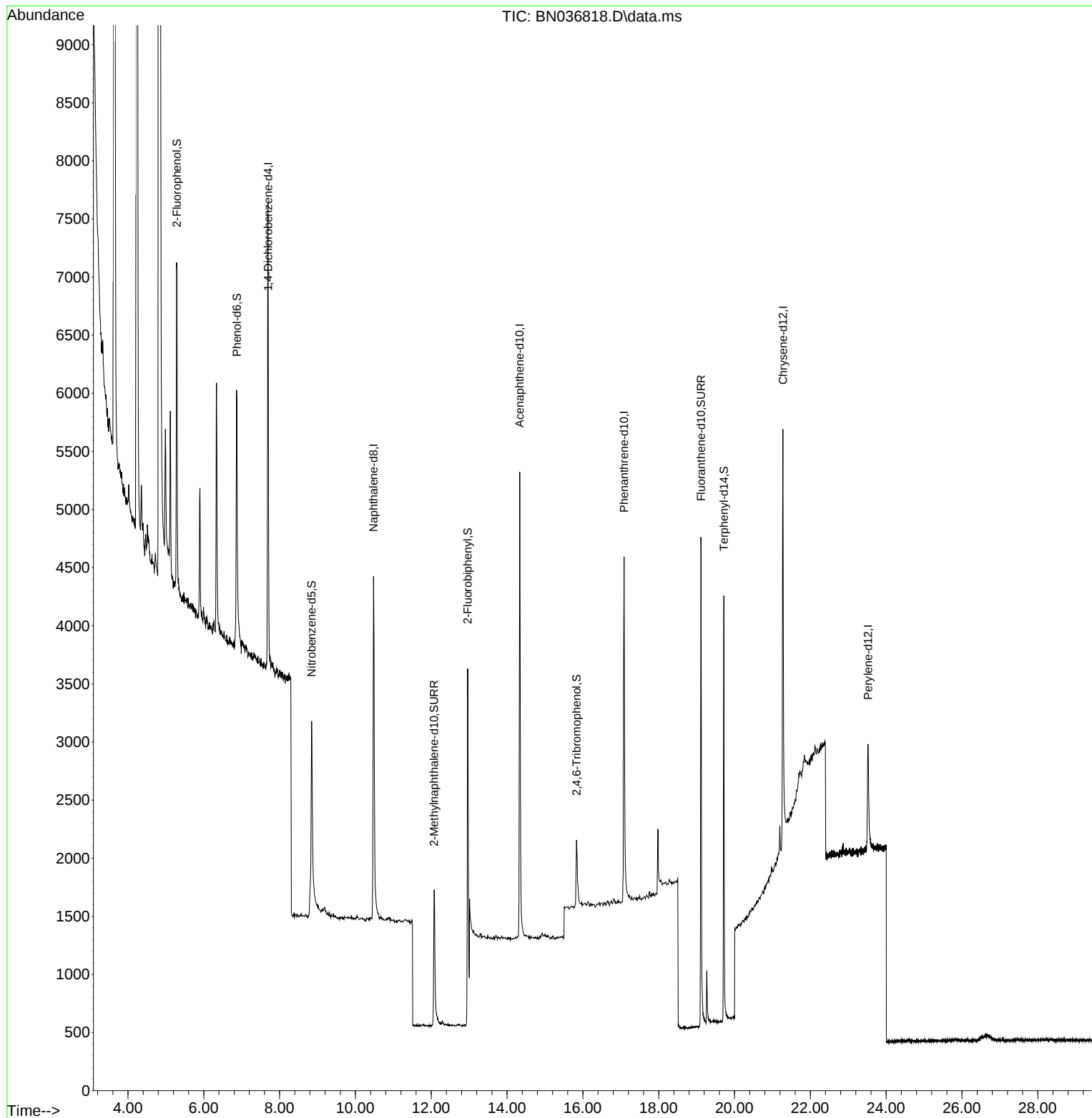
Target Compounds	Qvalue

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

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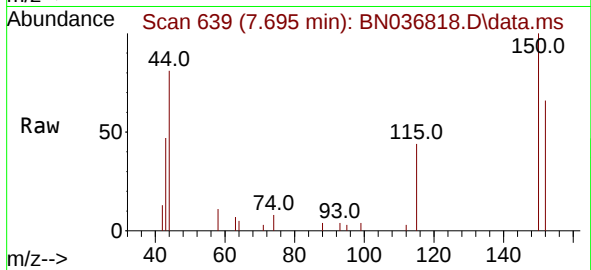
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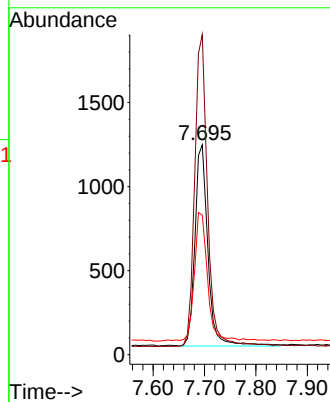
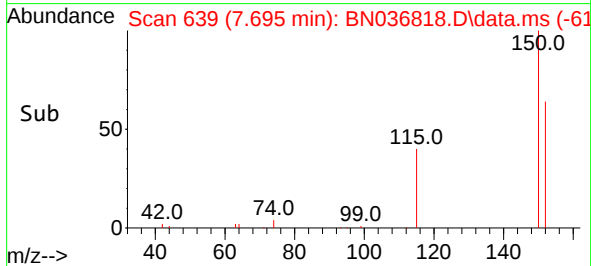


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.695 min Scan# 61
Delta R.T. -0.029 min
Lab File: BN036818.D
Acq: 03 Apr 2025 12:24

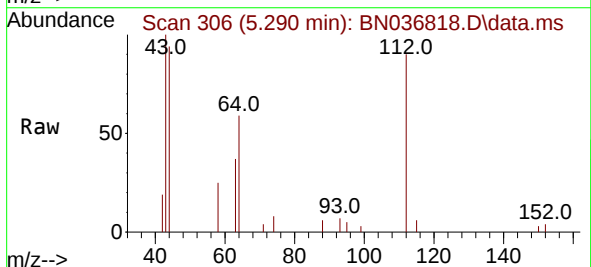
Instrument :
BNA_N
ClientSampleId :
PB167430BL



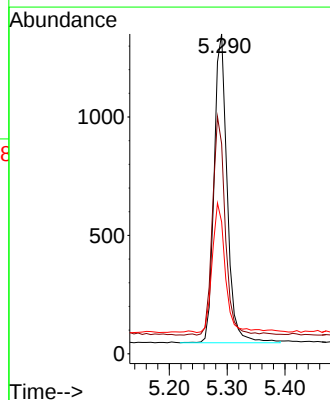
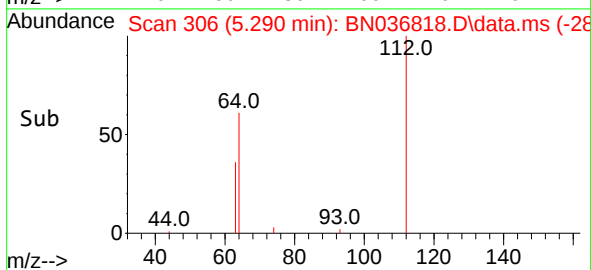
Tgt Ion:152 Resp: 2093
Ion Ratio Lower Upper
152 100
150 152.4 123.7 185.5
115 66.5 54.3 81.5



#4
2-Fluorophenol
Concen: 0.419 ng
RT: 5.290 min Scan# 306
Delta R.T. -0.022 min
Lab File: BN036818.D
Acq: 03 Apr 2025 12:24



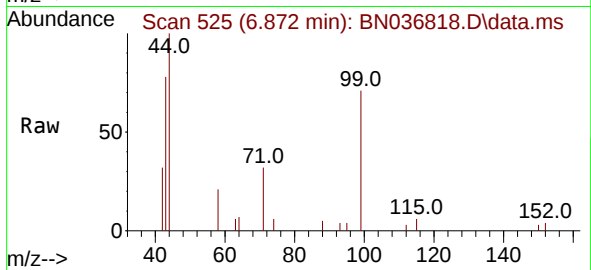
Tgt Ion:112 Resp: 2043
Ion Ratio Lower Upper
112 100
64 69.3 53.1 79.7
63 41.9 31.8 47.8



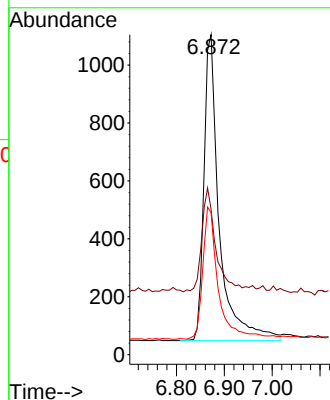
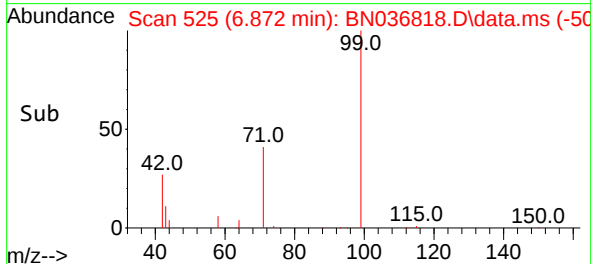


#5
Phenol-d6
Concen: 0.390 ng
RT: 6.872 min Scan# 51
Delta R.T. -0.029 min
Lab File: BN036818.D
Acq: 03 Apr 2025 12:24

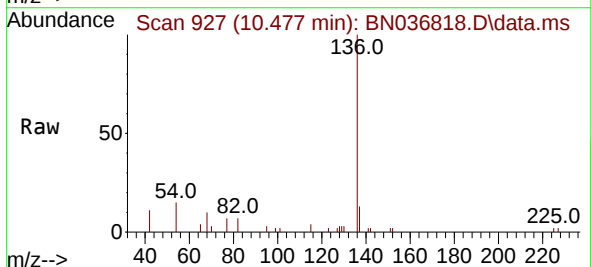
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ClientSampleId :
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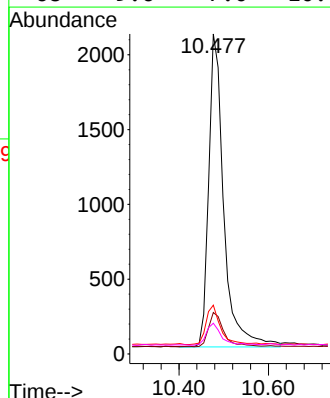
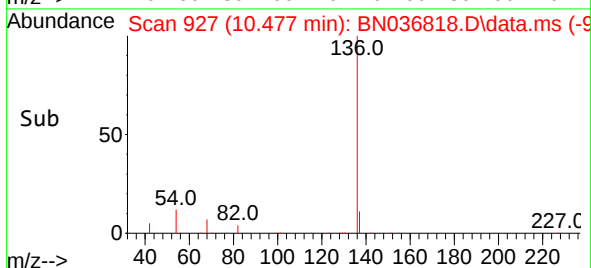
Tgt Ion: 99 Resp: 2348
Ion Ratio Lower Upper
99 100
42 31.7 26.5 39.7
71 44.8 34.1 51.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 927
Delta R.T. -0.032 min
Lab File: BN036818.D
Acq: 03 Apr 2025 12:24



Tgt Ion: 136 Resp: 4883
Ion Ratio Lower Upper
136 100
137 12.9 10.3 15.5
54 15.2 11.5 17.3
68 9.6 7.0 10.4

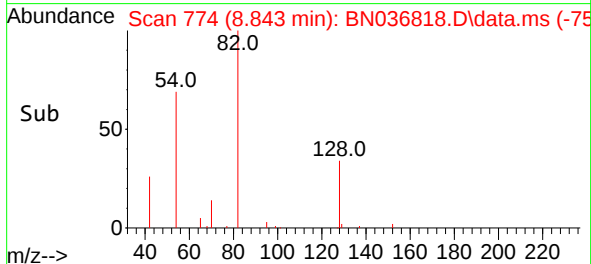
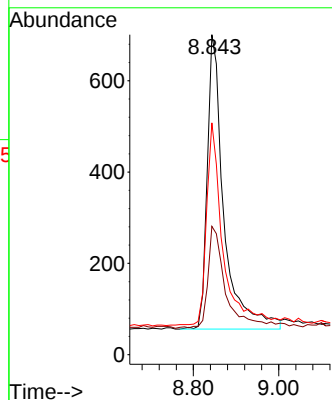
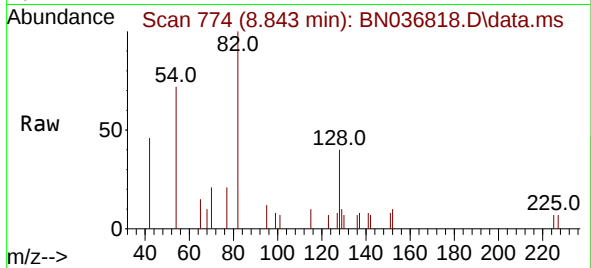




#8
 Nitrobenzene-d5
 Concen: 0.329 ng
 RT: 8.843 min Scan# 71
 Delta R.T. -0.032 min
 Lab File: BN036818.D
 Acq: 03 Apr 2025 12:24

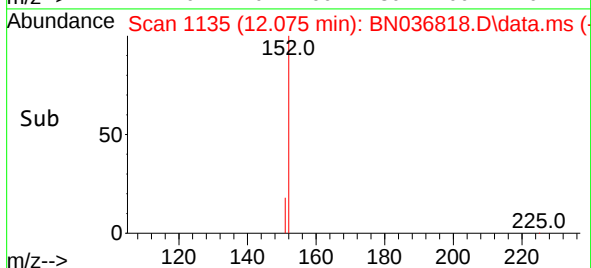
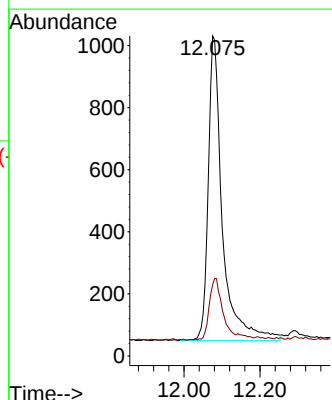
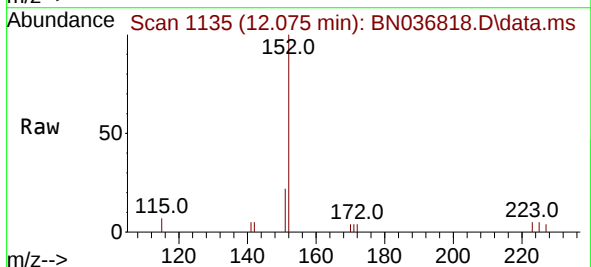
Instrument :
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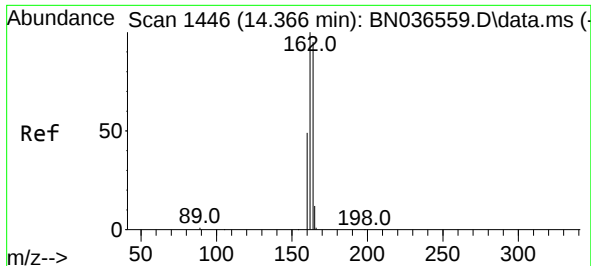
Tgt Ion: 82 Resp: 1748
 Ion Ratio Lower Upper
 82 100
 128 40.1 30.6 45.8
 54 72.5 52.2 78.4



#11
 2-Methylnaphthalene-d10
 Concen: 0.348 ng
 RT: 12.075 min Scan# 1135
 Delta R.T. -0.035 min
 Lab File: BN036818.D
 Acq: 03 Apr 2025 12:24

Tgt Ion: 152 Resp: 2530
 Ion Ratio Lower Upper
 152 100
 151 18.7 17.0 25.6

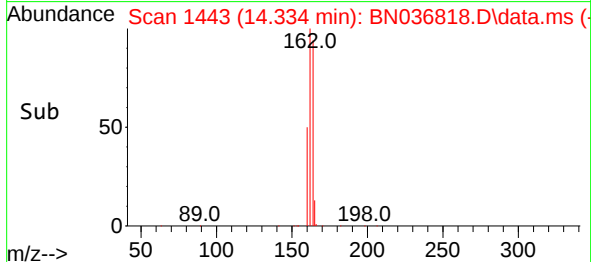
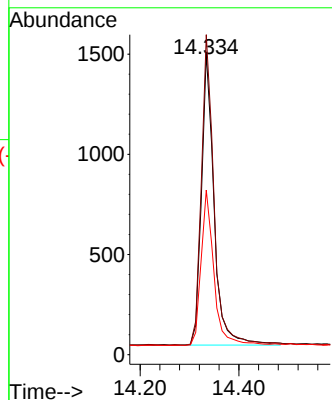
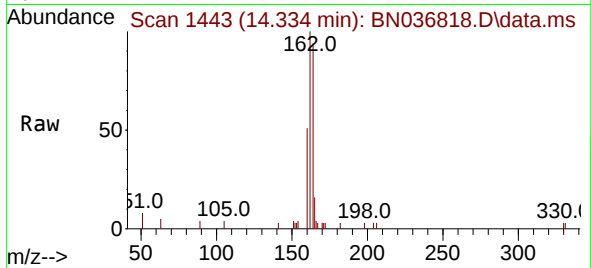




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1443
Delta R.T. -0.032 min
Lab File: BN036818.D
Acq: 03 Apr 2025 12:24

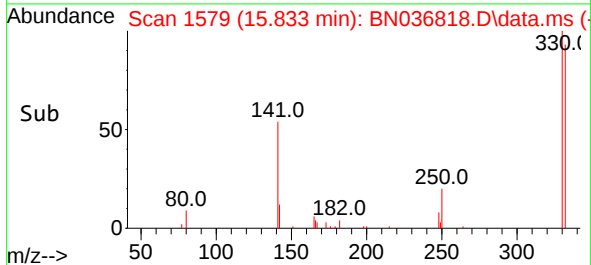
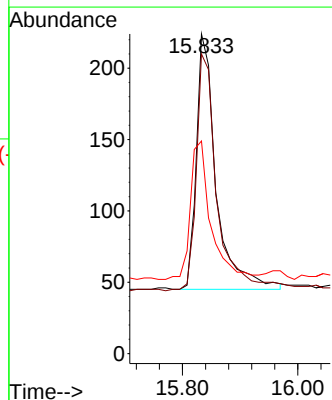
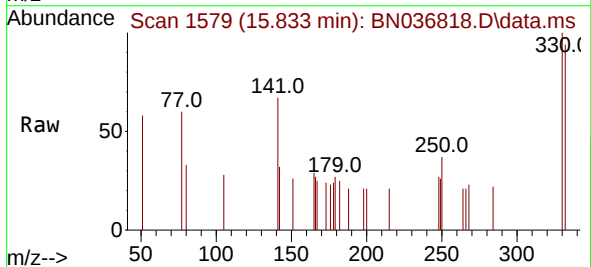
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ClientSampleId :
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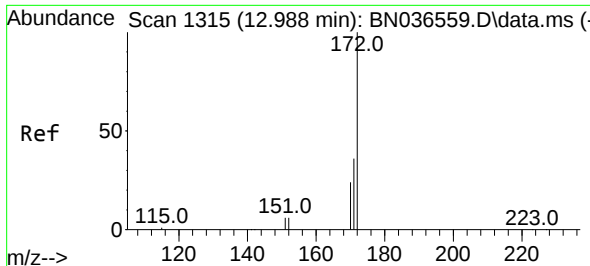
Tgt Ion:164 Resp: 2586
Ion Ratio Lower Upper
164 100
162 106.3 84.2 126.2
160 54.7 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.366 ng
RT: 15.833 min Scan# 1579
Delta R.T. -0.025 min
Lab File: BN036818.D
Acq: 03 Apr 2025 12:24

Tgt Ion:330 Resp: 430
Ion Ratio Lower Upper
330 100
332 96.7 75.2 112.8
141 55.1 43.4 65.2

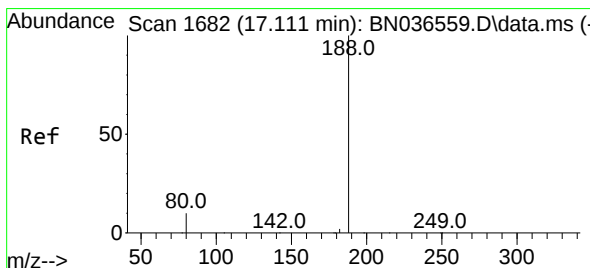
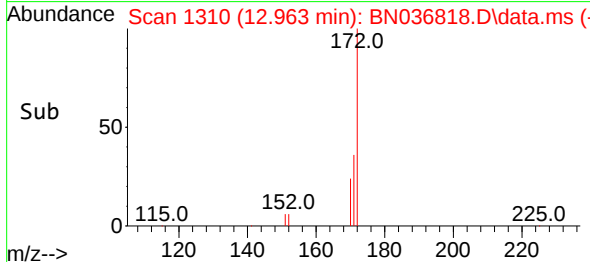
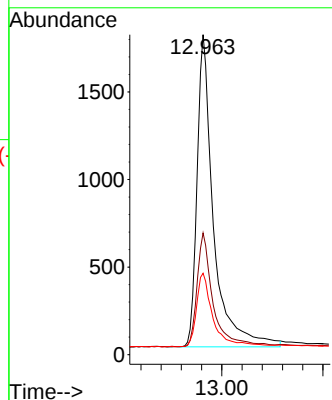
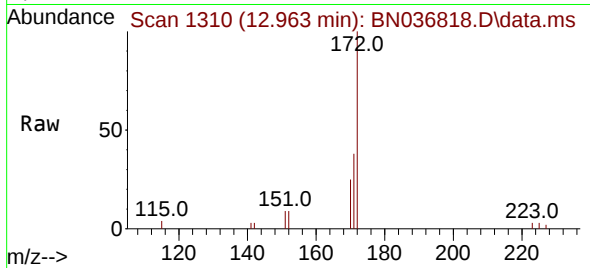




#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 12.963 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036818.D
Acq: 03 Apr 2025 12:24

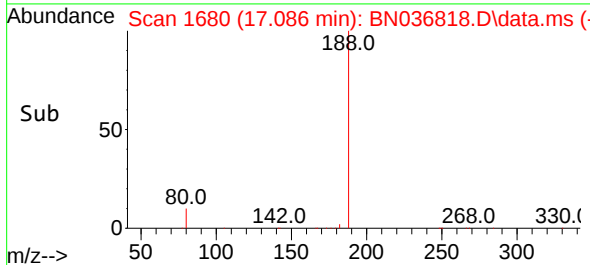
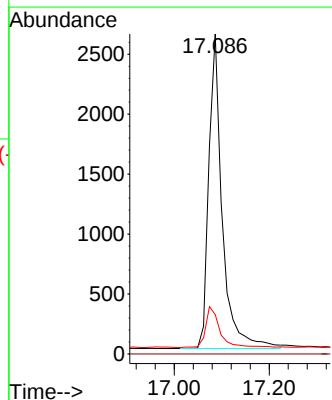
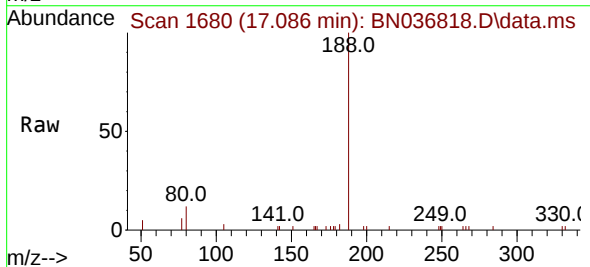
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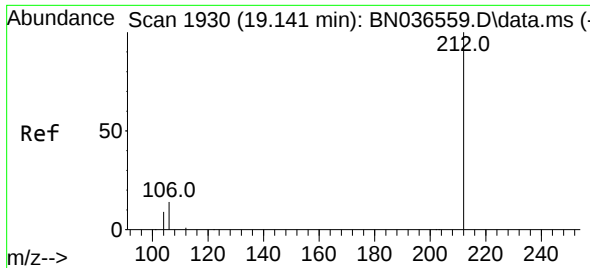
Tgt Ion:172 Resp: 5223
Ion Ratio Lower Upper
172 100
171 38.0 29.5 44.3
170 25.5 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036818.D
Acq: 03 Apr 2025 12:24

Tgt Ion:188 Resp: 5170
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 8.8 13.2

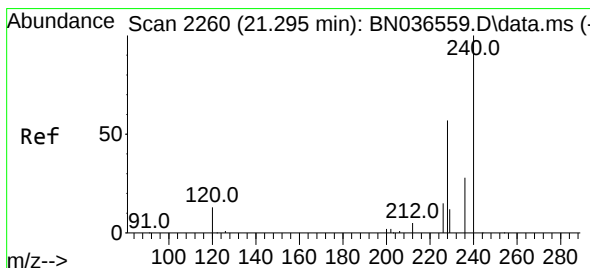
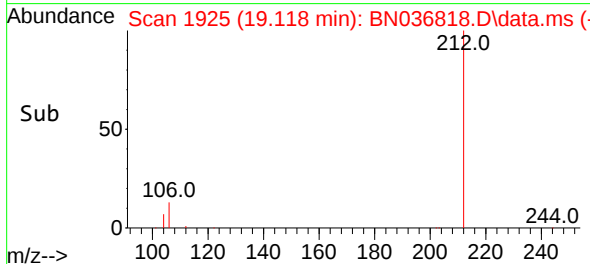
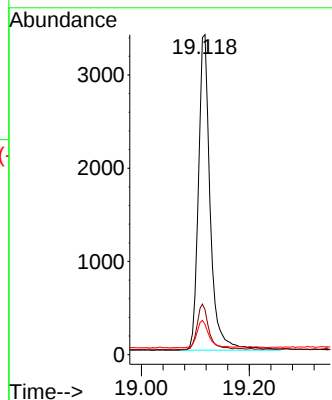
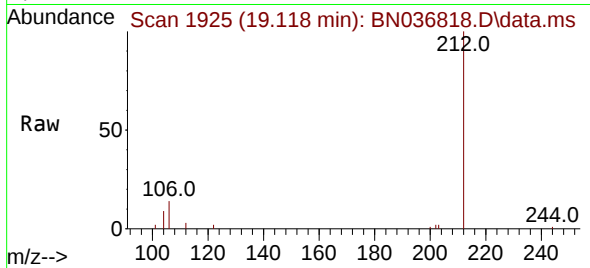




#27
Fluoranthene-d10
Concen: 0.388 ng
RT: 19.118 min Scan# 19
Delta R.T. -0.023 min
Lab File: BN036818.D
Acq: 03 Apr 2025 12:24

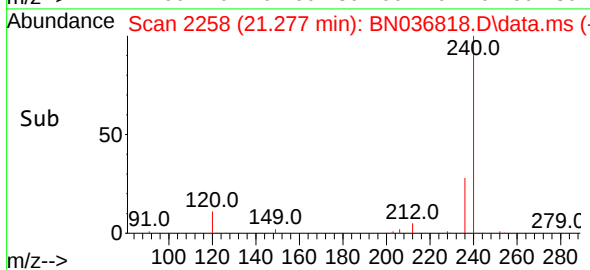
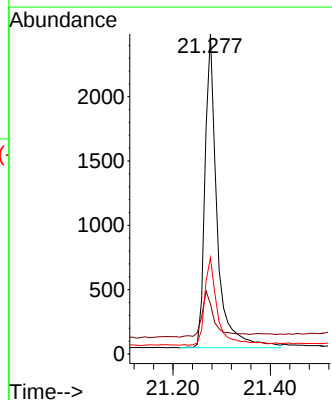
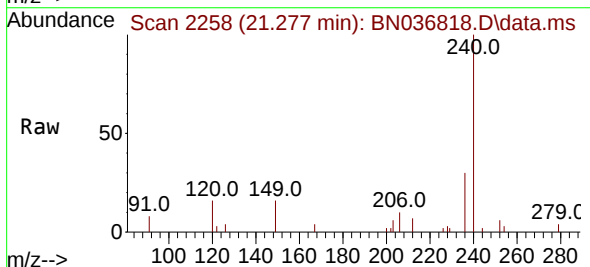
Instrument :
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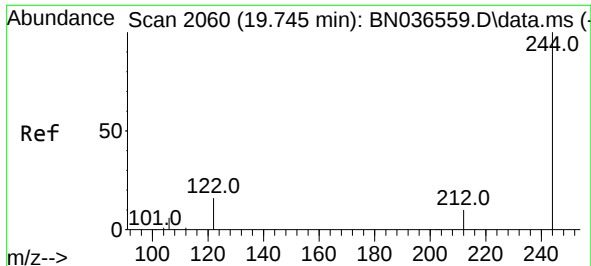
Tgt Ion:212 Resp: 5136
Ion Ratio Lower Upper
212 100
106 14.2 11.8 17.6
104 8.7 7.3 10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.018 min
Lab File: BN036818.D
Acq: 03 Apr 2025 12:24

Tgt Ion:240 Resp: 4213
Ion Ratio Lower Upper
240 100
120 15.6 14.6 22.0
236 30.1 24.1 36.1

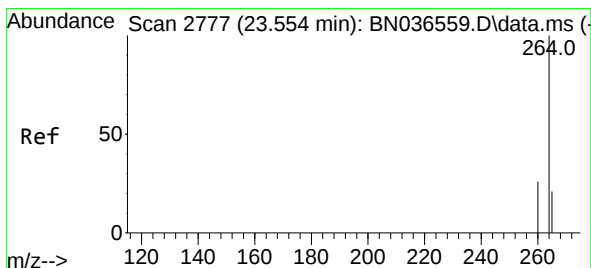
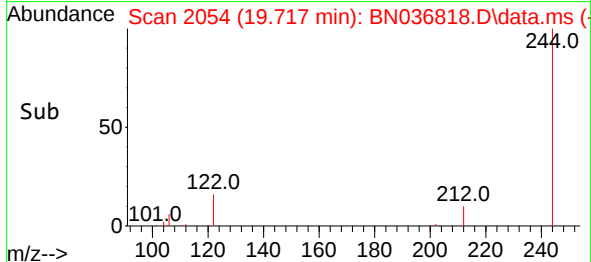
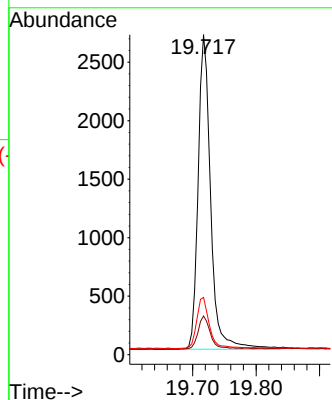
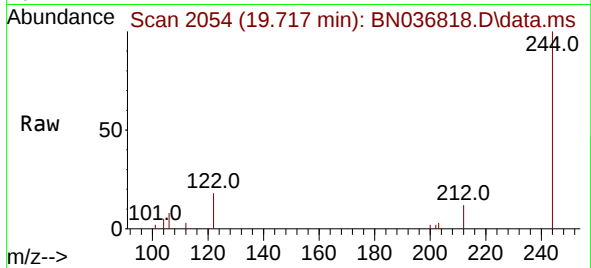




#31
 Terphenyl-d14
 Concen: 0.365 ng
 RT: 19.717 min Scan# 2060
 Delta R.T. -0.028 min
 Lab File: BN036818.D
 Acq: 03 Apr 2025 12:24

Instrument :
 BNA_N
 ClientSampleId :
 PB167430BL

Tgt Ion:244 Resp: 3689
 Ion Ratio Lower Upper
 244 100
 212 12.1 9.6 14.4
 122 17.9 13.9 20.9



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.522 min Scan# 2766
 Delta R.T. -0.032 min
 Lab File: BN036818.D
 Acq: 03 Apr 2025 12:24

Tgt Ion:264 Resp: 1585
 Ion Ratio Lower Upper
 264 100
 260 31.6 22.6 33.8
 265 187.3 88.1 132.1#

